Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020065.D
Acq On : 16 Dec 2020 15:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 17 00:30:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.62 | 168 | 264012 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.82 | 114 | 421031 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.09 | 117 | 398801 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 200107 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.03 | 65 | 165253 | 47.62 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 61 - 141 | | Recovery = 95.24% | | | |
| 35) Dibromofluoromethane | 5.46 | 113 | 136212 | 50.06 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 69 - 133 | | Recovery = 100.12% | | | |
| 50) Toluene-d8 | 8.70 | 98 | 513456 | 49.43 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 65 - 126 | | Recovery = 98.86% | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 198141 | 50.11 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 135 | | Recovery = 100.22% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.18 | 85 | 108898 | 45.052 | ug/l | 99 |
| 3) Chloromethane | 1.31 | 50 | 115707 | 40.703 | ug/l | 100 |
| 4) Vinyl Chloride | 1.39 | 62 | 142232 | 47.452 | ug/l | 99 |
| 5) Bromomethane | 1.62 | 94 | 39851 | 40.041 | ug/l | 99 |
| 6) Chloroethane | 1.70 | 64 | 95275 | 52.914 | ug/l | 100 |
| 7) Trichlorofluoromethane | 1.91 | 101 | 206734 | 49.525 | ug/l | 95 |
| 8) Diethyl Ether | 2.17 | 74 | 89700 | 50.709 | ug/l | 97 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 123669 | 51.687 | ug/l | 98 |
| 10) Methyl Iodide | 2.49 | 142 | 133189 | 37.766 | ug/l | 99 |
| 11) Tert butyl alcohol | 3.01 | 59 | 166325 | 232.980 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.35 | 96 | 117002 | 48.370 | ug/l | 94 |
| 13) Acrolein | 2.27 | 56 | 70724 | 184.653 | ug/l | 100 |
| 14) Allyl chloride | 2.70 | 41 | 209946 | 51.390 | ug/l | 97 |
| 15) Acrylonitrile | 3.11 | 53 | 415190 | 264.681 | ug/l | 99 |
| 16) Acetone | 2.42 | 43 | 358746 | 275.060 | ug/l | 99 |
| 17) Carbon Disulfide | 2.54 | 76 | 284064 | 40.927 | ug/l | 99 |
| 18) Methyl Acetate | 2.75 | 43 | 182872 | 57.298 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.16 | 73 | 466359 | 52.940 | ug/l | 99 |
| 20) Methylene Chloride | 2.83 | 84 | 154329 | 51.884 | ug/l | 97 |
| 21) trans-1,2-Dichloroethene | 3.14 | 96 | 138821 | 49.225 | ug/l | 98 |
| 22) Diisopropyl ether | 3.82 | 45 | 458620 | 55.523 | ug/l | 97 |
| 23) Vinyl Acetate | 3.78 | 43 | 1906550 | 270.928 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.67 | 63 | 264819 | 53.166 | ug/l | 99 |
| 25) 2-Butanone | 4.63 | 43 | 545542 | 272.212 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.54 | 77 | 224351 | 52.303 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.56 | 96 | 168170 | 50.957 | ug/l | 100 |
| 28) Bromochloromethane | 4.97 | 49 | 120955 | 50.939 | ug/l | 97 |
| 29) Tetrahydrofuran | 5.08 | 42 | 335779 | 260.048 | ug/l | 98 |
| 30) Chloroform | 5.17 | 83 | 274702 | 53.636 | ug/l | 99 |
| 31) Cyclohexane | 5.54 | 56 | 215336 | 49.889 | ug/l | 98 |
| 32) 1,1,1-Trichloroethane | 5.46 | 97 | 228767 | 51.867 | ug/l | 100 |
| 36) 1,1-Dichloropropene | 5.76 | 75 | 191769 | 50.405 | ug/l | 99 |
| 37) Ethyl Acetate | 4.79 | 43 | 200526 | 52.202 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.74 | 117 | 192900 | 51.776 | ug/l | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020065.D
Acq On : 16 Dec 2020 15:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 17 00:30:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.43 | 83 | 227313 | 50.854 | ug/l | | 97 |
| 40) Benzene | 6.10 | 78 | 607639 | 52.284 | ug/l | | 100 |
| 41) Methacrylonitrile | 4.99 | 41 | 114489 | 54.284 | ug/l | | 99 |
| 42) 1,2-Dichloroethane | 6.15 | 62 | 210629 | 53.044 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.40 | 43 | 327208 | 52.393 | ug/l | | 99 |
| 44) Trichloroethene | 7.18 | 130 | 154488 | 50.663 | ug/l | | 95 |
| 45) 1,2-Dichloropropane | 7.48 | 63 | 159287 | 54.839 | ug/l | | 99 |
| 46) Dibromomethane | 7.63 | 93 | 104076 | 53.059 | ug/l | | 96 |
| 47) Bromodichloromethane | 7.87 | 83 | 212007 | 54.468 | ug/l | | 100 |
| 48) Methyl methacrylate | 7.74 | 41 | 163768 | 53.319 | ug/l | | 98 |
| 49) 1,4-Dioxane | 7.71 | 88 | 74089 | 995.743 | ug/l | | 99 |
| 51) 4-Methyl-2-Pentanone | 8.62 | 43 | 1046077 | 274.350 | ug/l | | 100 |
| 52) Toluene | 8.76 | 92 | 379894 | 52.264 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 9.02 | 75 | 231200 | 53.528 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.41 | 75 | 254566 | 54.250 | ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 9.20 | 97 | 162281 | 55.401 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.16 | 69 | 240842 | 54.344 | ug/l | | 100 |
| 57) 1,3-Dichloropropane | 9.35 | 76 | 268499 | 53.682 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.29 | 63 | 649772 | 276.759 | ug/l | | 100 |
| 59) 2-Hexanone | 9.47 | 43 | 807052 | 273.065 | ug/l | | 99 |
| 60) Dibromochloromethane | 9.56 | 129 | 159333 | 53.538 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.65 | 107 | 162495 | 52.241 | ug/l | | 100 |
| 64) Tetrachloroethene | 9.32 | 164 | 142915 | 53.437 | ug/l | | 97 |
| 65) Chlorobenzene | 10.12 | 112 | 404647 | 50.930 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.20 | 131 | 151024 | 52.811 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.23 | 91 | 730698 | 51.811 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.34 | 106 | 545984 | 102.739 | ug/l | | 98 |
| 69) o-Xylene | 10.68 | 106 | 261925 | 51.237 | ug/l | | 99 |
| 70) Styrene | 10.70 | 104 | 457476 | 53.019 | ug/l | | 99 |
| 71) Bromoform | 10.84 | 173 | 115475 | 51.330 | ug/l | # | 98 |
| 73) Isopropylbenzene | 11.00 | 105 | 720046 | 52.669 | ug/l | | 99 |
| 74) N-amyl acetate | 10.88 | 43 | 283598 | 51.764 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.25 | 83 | 250044 | 51.877 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.28 | 75 | 287895 | 64.147 | ug/l | | 88 |
| 77) Bromobenzene | 11.24 | 156 | 178082 | 50.901 | ug/l | | 98 |
| 78) n-propylbenzene | 11.34 | 91 | 838595 | 53.706 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.40 | 91 | 502066 | 52.213 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.49 | 105 | 612391 | 53.076 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.05 | 75 | 79357 | 51.115 | ug/l | | 98 |
| 82) 4-Chlorotoluene | 11.49 | 91 | 591134 | 52.490 | ug/l | | 99 |
| 83) tert-Butylbenzene | 11.76 | 119 | 593727 | 52.468 | ug/l | | 97 |
| 84) 1,2,4-Trimethylbenzene | 11.79 | 105 | 620023 | 53.347 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.93 | 105 | 702198 | 54.351 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 12.05 | 119 | 654575 | 55.282 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 12.01 | 146 | 328716 | 51.192 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.08 | 146 | 329510 | 50.382 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.37 | 91 | 588027 | 56.054 | ug/l | | 99 |
| 90) Hexachloroethane | 12.58 | 117 | 107344 | 52.511 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 12.37 | 146 | 324617 | 51.859 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75 | 53026 | 51.175 | ug/l | | 95 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020065.D
Acq On : 16 Dec 2020 15:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 17 00:30:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

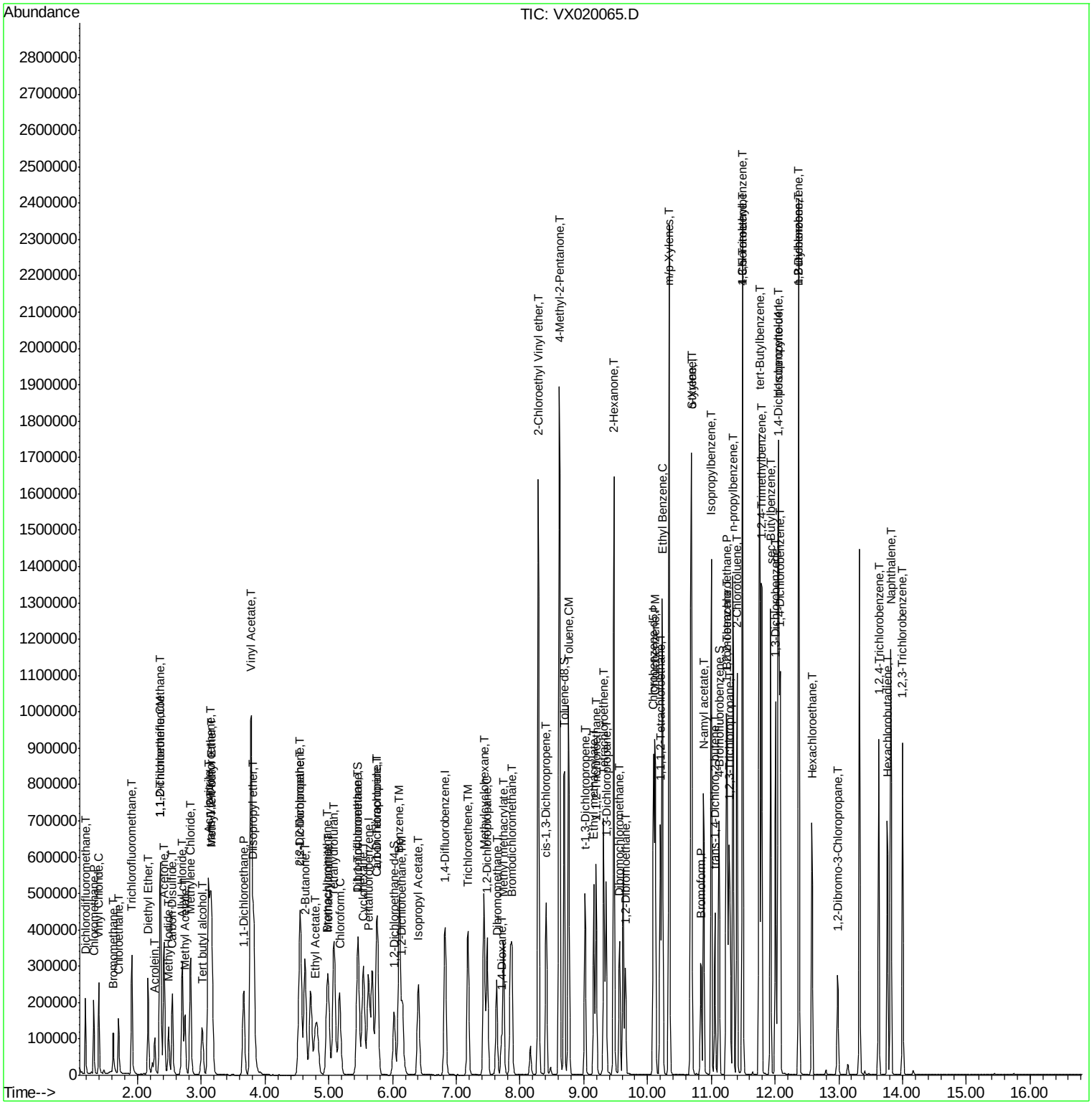
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180 | 220983 | 54.233 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.77 | 225 | 103563 | 56.865 | ug/l | 97 |
| 95) Naphthalene | 13.82 | 128 | 725412 | 54.913 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180 | 220190 | 55.294 | ug/l | 99 |

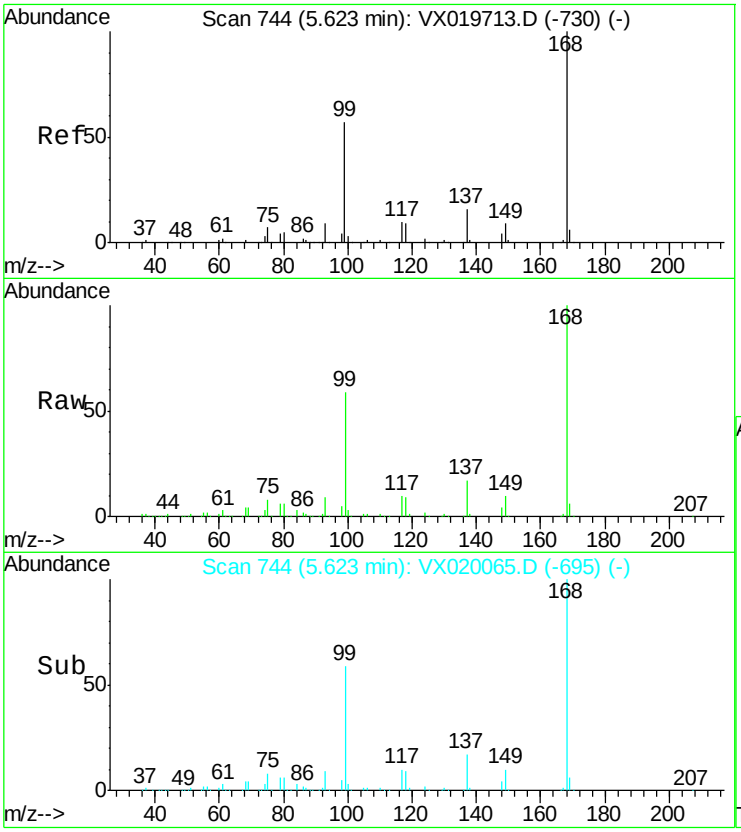
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020065.D
Acq On : 16 Dec 2020 15:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 17 00:30:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration



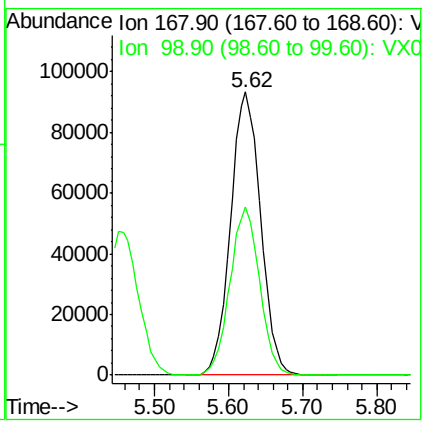


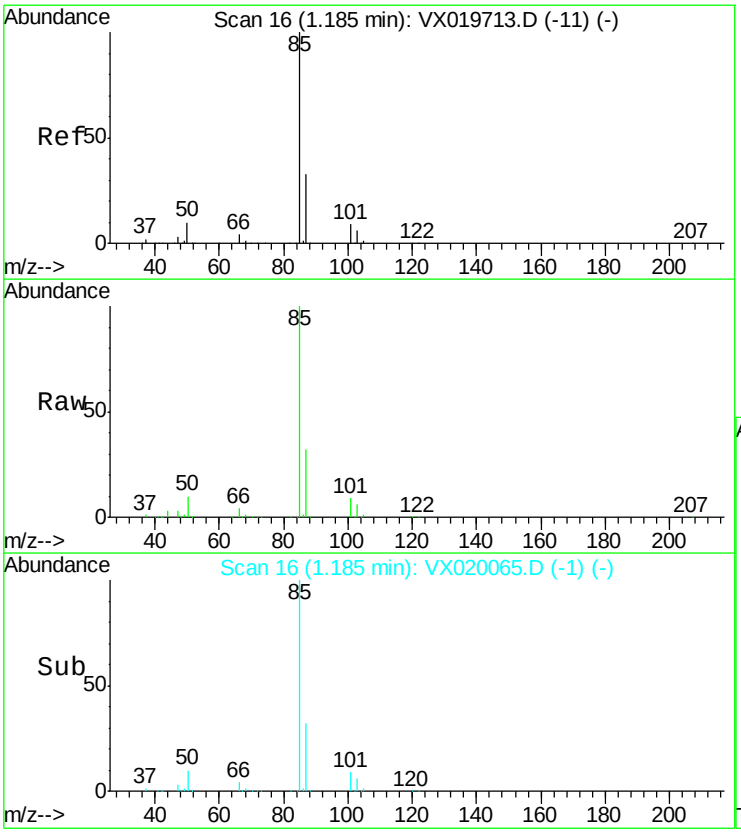

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion:168 Resp: 264012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.3 | 45.8 | 68.6 |

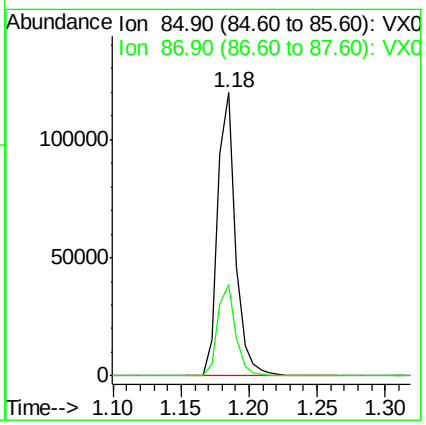


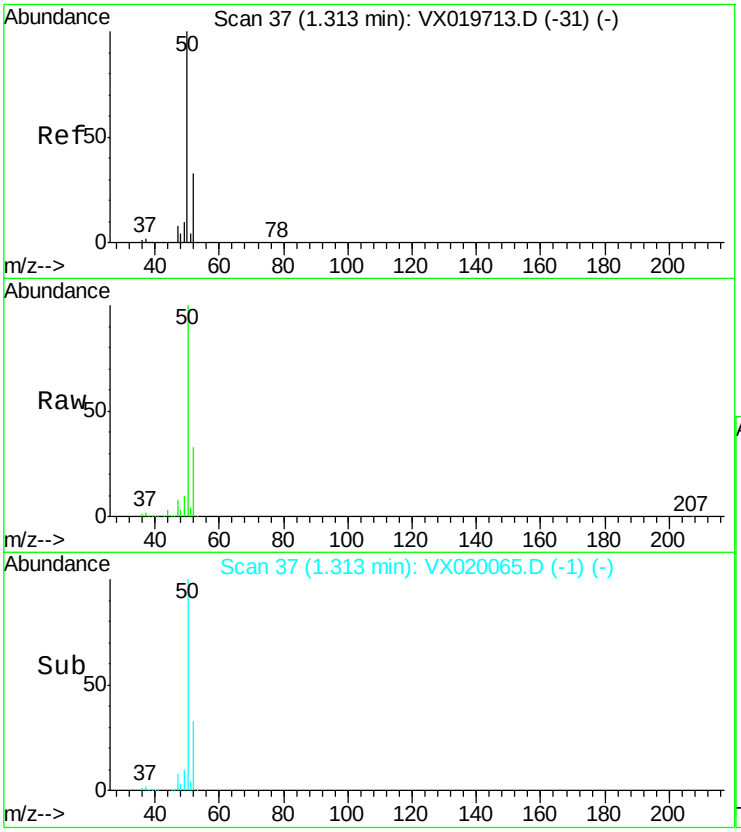




#2
Dichlorodifluoromethane
Concen: 45.052 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 85 Resp: 108898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.3 | 16.4 | 49.2 |



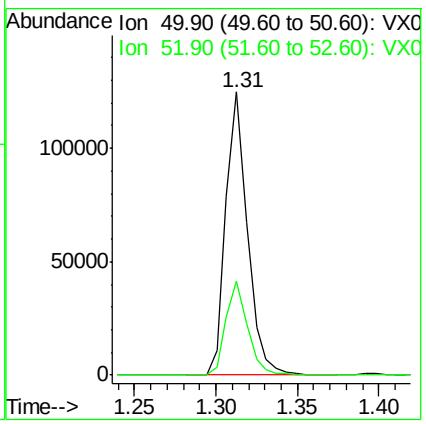


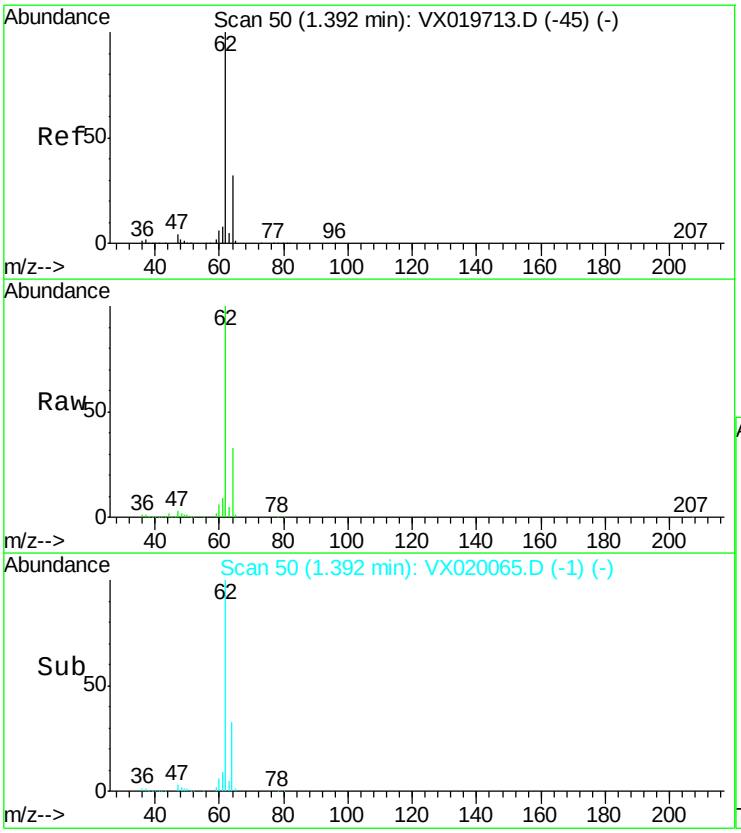

#3
Chloromethane
Concen: 40.703 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 50 Resp: 115707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.1 | 26.4 | 39.6 |

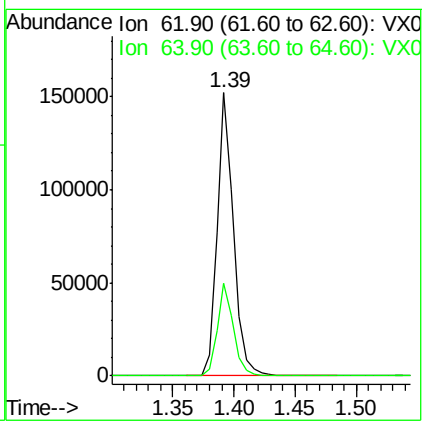


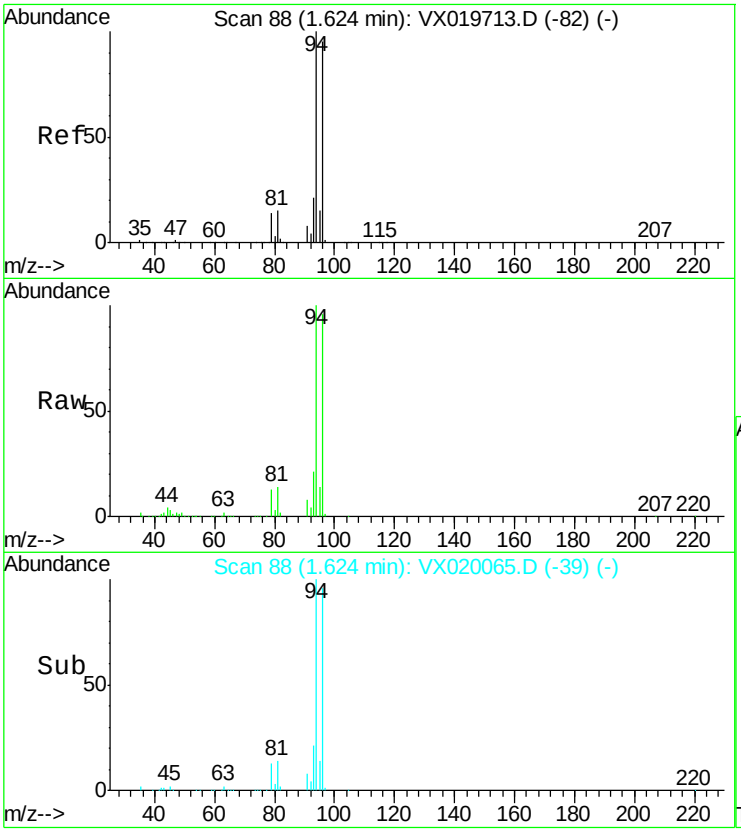




#4
Vinyl Chloride
Concen: 47.452 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 62 Resp: 142232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.7 | 25.7 | 38.5 |



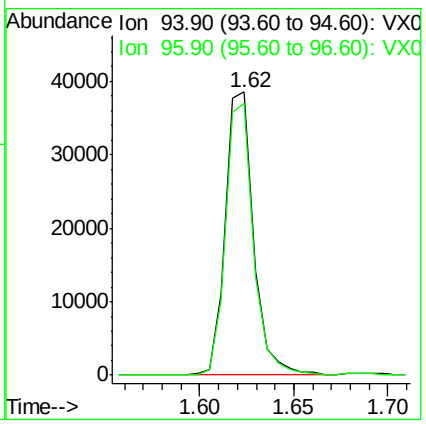


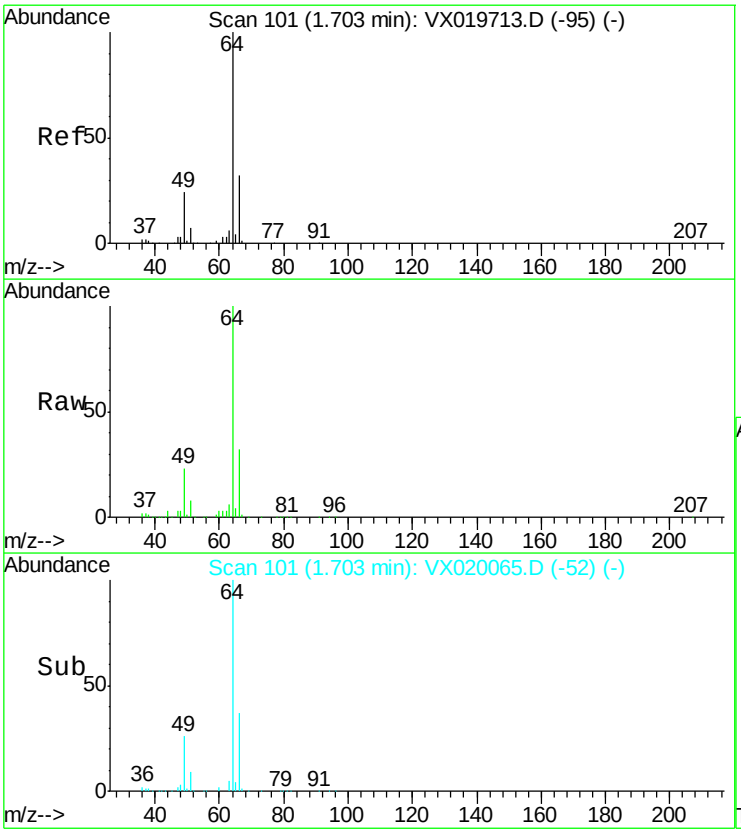

#5
Bromomethane
Concen: 40.041 ug/l
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 94 Resp: 39851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 96.2 | 76.4 | 114.6 |

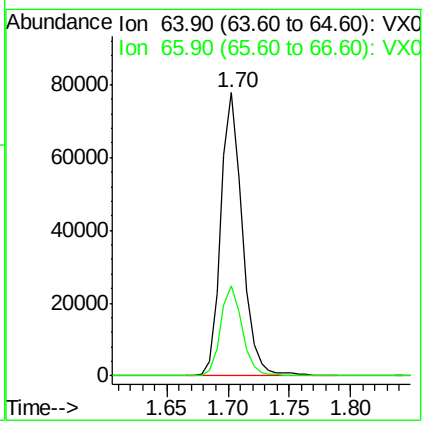


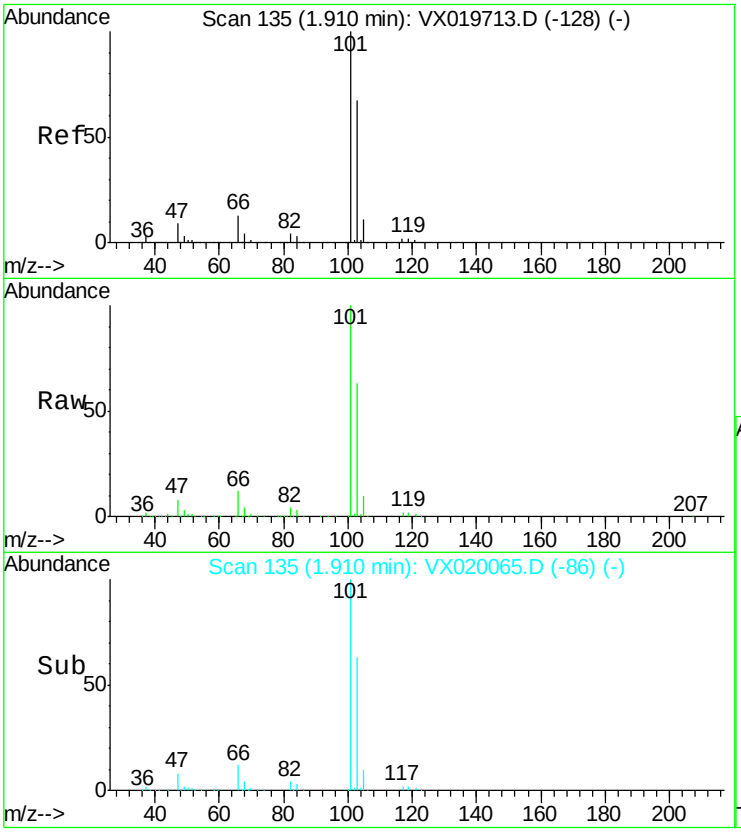




#6
Chloroethane
Concen: 52.914 ug/l
RT: 1.70 min Scan# 101
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 64 Resp: 95275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.8 | 25.4 | 38.0 |



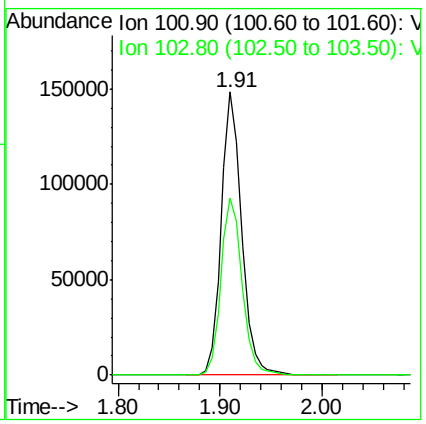


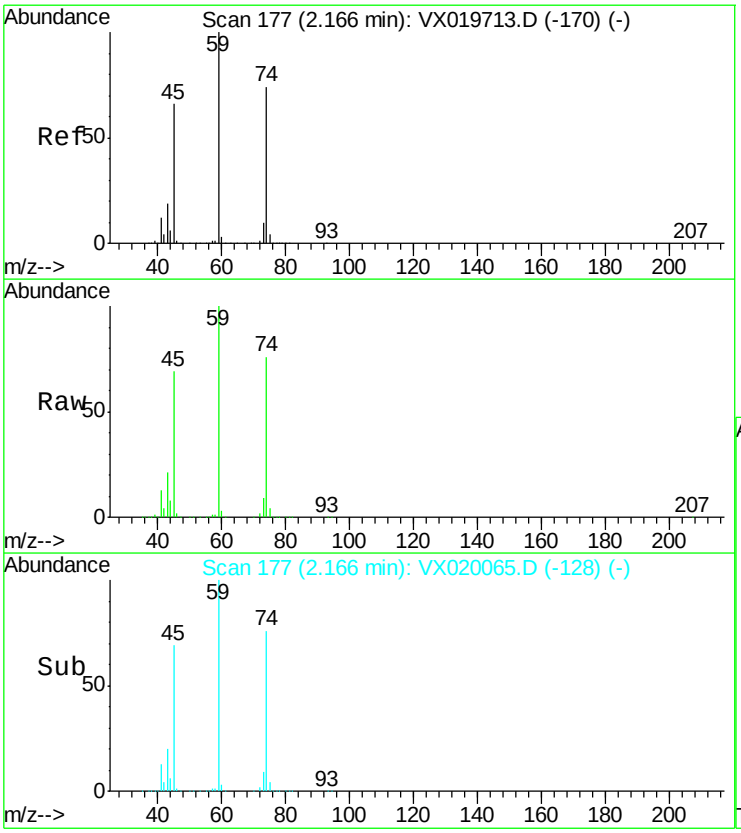

#7
Trichlorofluoromethane
Concen: 49.525 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion:101 Resp: 206734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.5 | 53.2 | 79.8 |

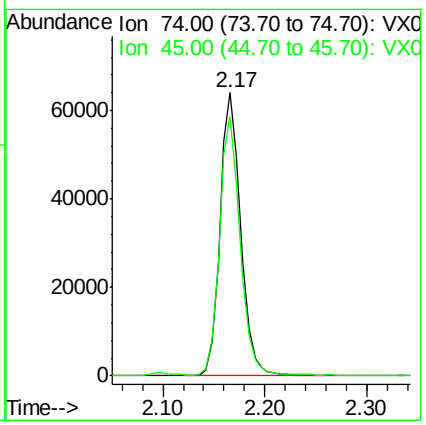


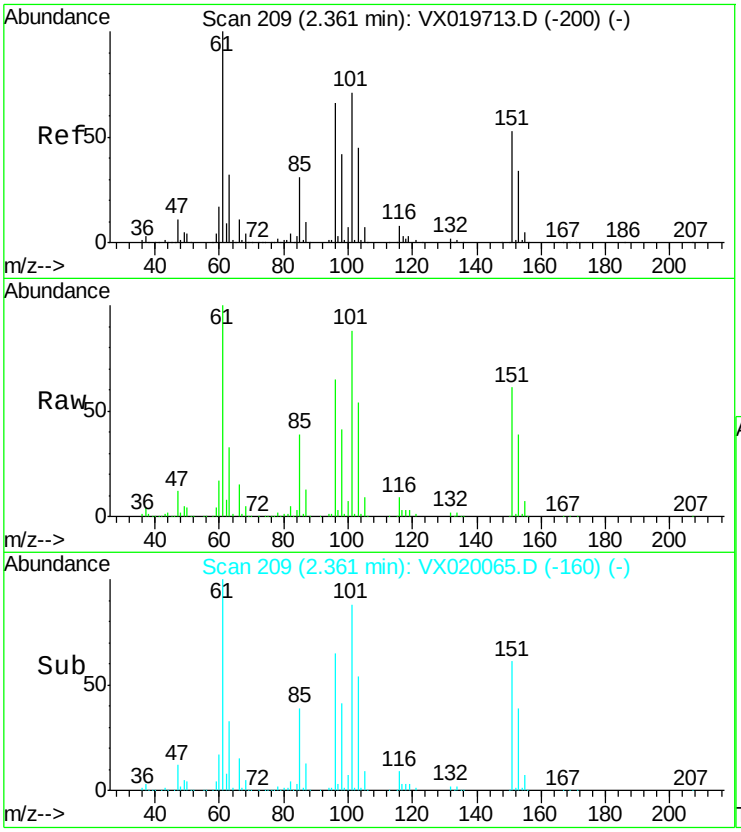




#8
Diethyl Ether
Concen: 50.709 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 74 Resp: 89700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 91.4 | 44.5 | 133.5 |



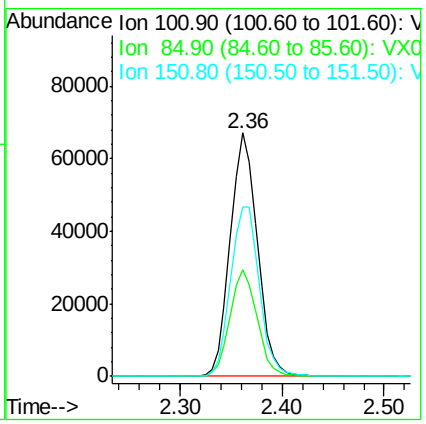


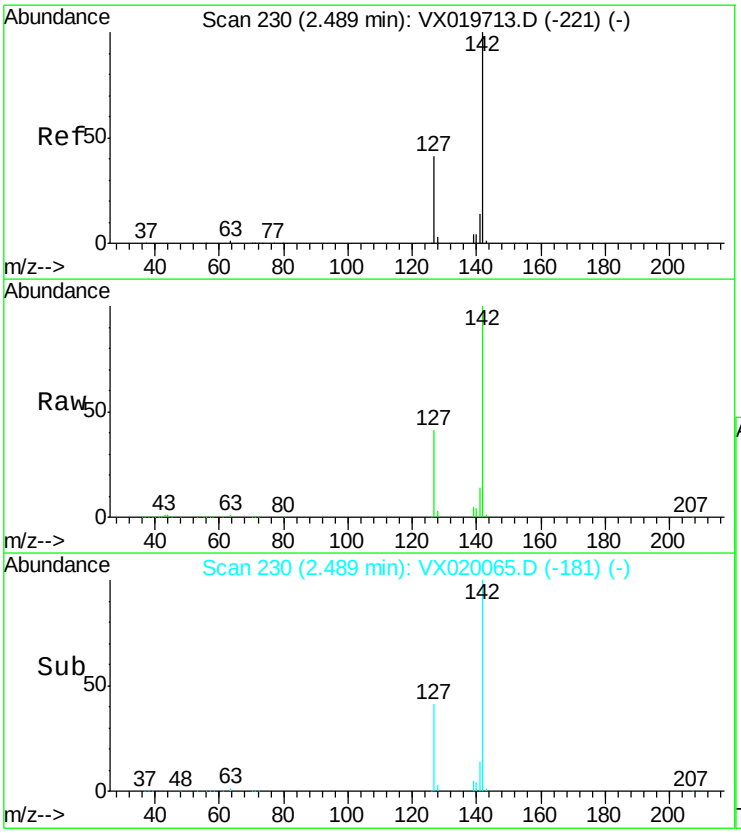

#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.687 ug/l
RT: 2.36 min Scan# 209
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion:101 Resp: 123669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.6 | 34.9 | 52.3 |
| 151 | 73.5 | 61.4 | 92.2 |

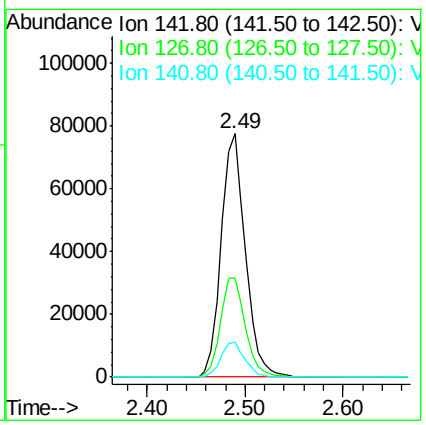


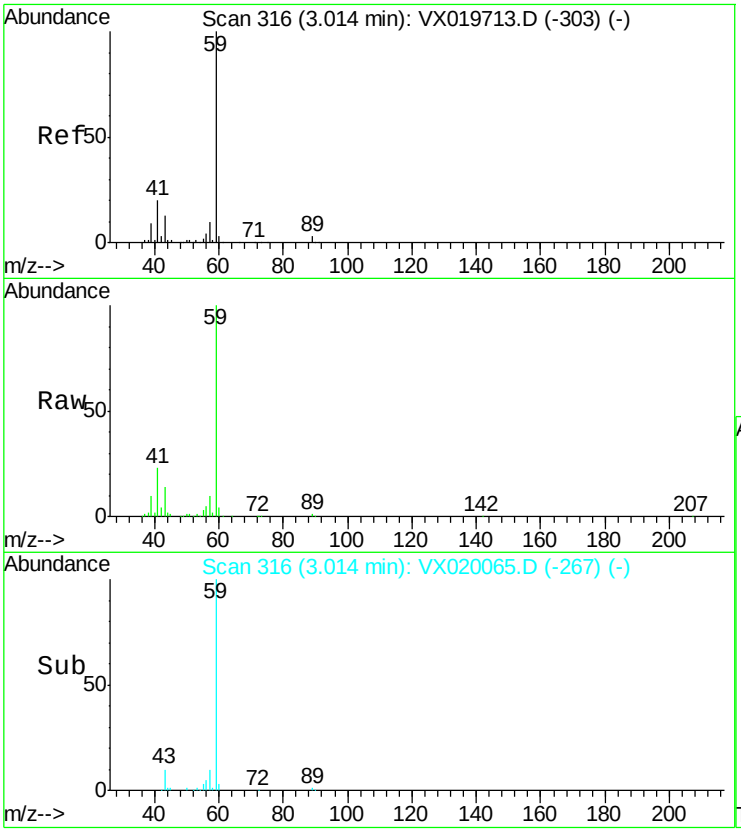




#10
Methyl Iodide
Concen: 37.766 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion:142 Resp: 133189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 42.1 | 33.3 | 49.9 |
| 141 | 14.3 | 11.4 | 17.0 |



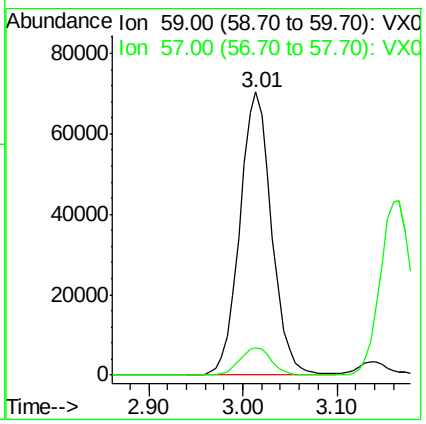


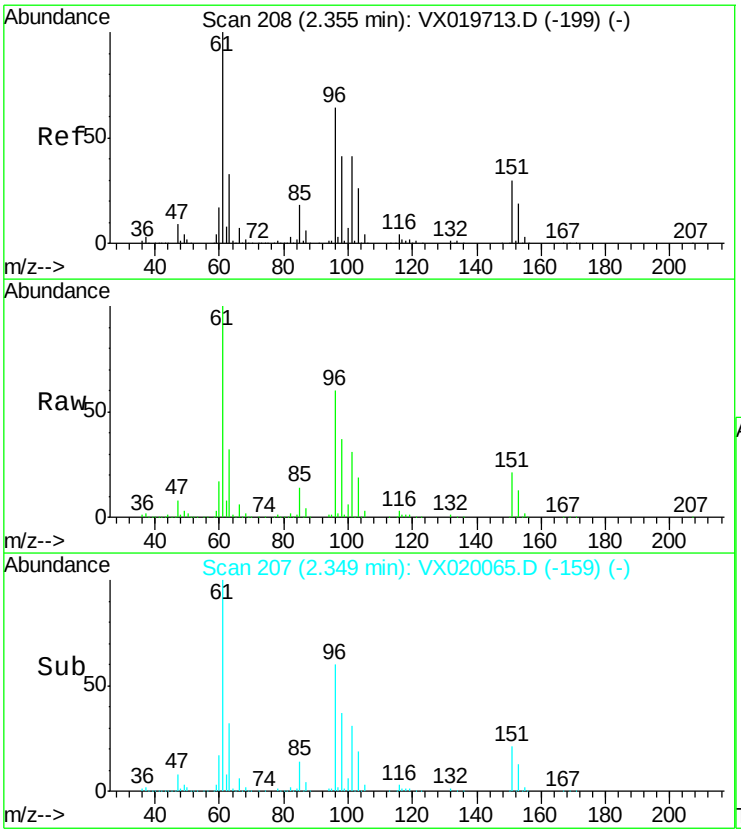

#11
Tert butyl alcohol
Concen: 232.980 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 59 Resp: 166325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.9 | 7.8 | 11.8 |

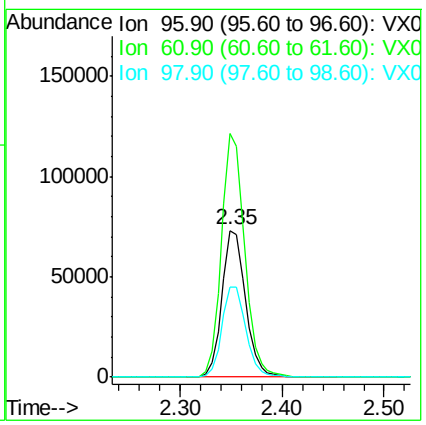


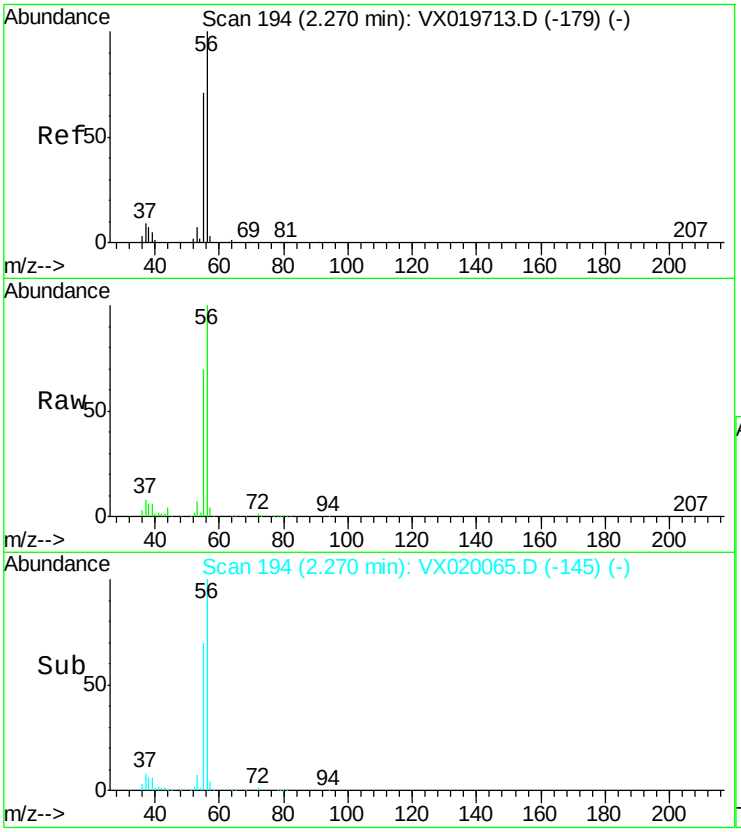




#12
1,1-Dichloroethene
Concen: 48.370 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 96 Resp: 117002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 165.9 | 124.6 | 187.0 |
| 98 | 61.0 | 50.6 | 76.0 |



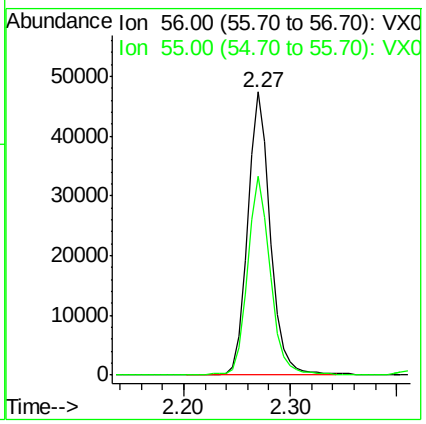


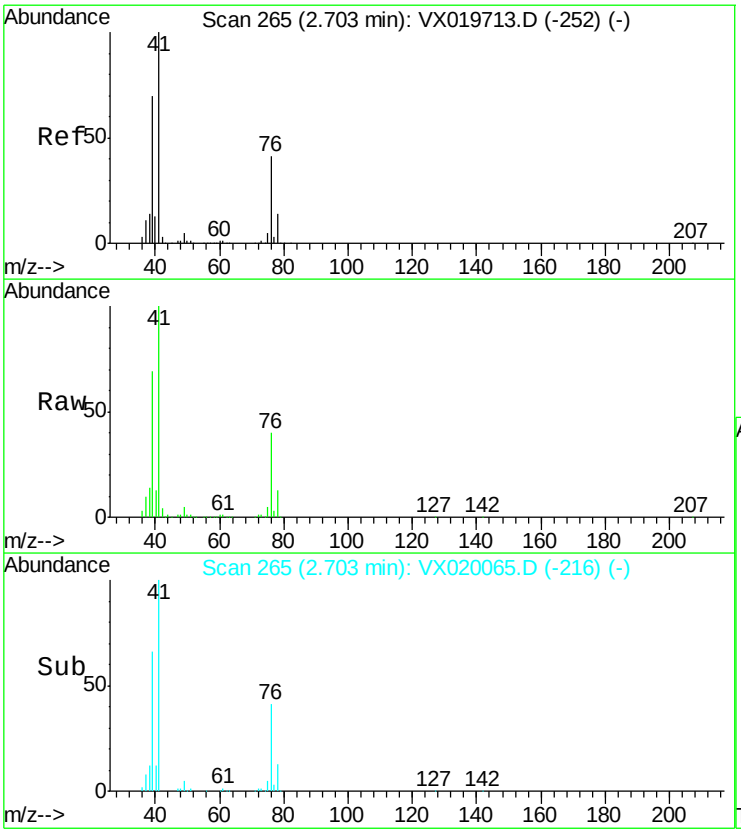

#13
Acrolein
Concen: 184.653 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 56 Resp: 70724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.9 | 56.4 | 84.6 |

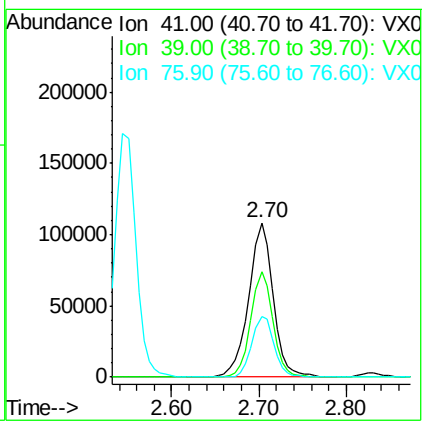


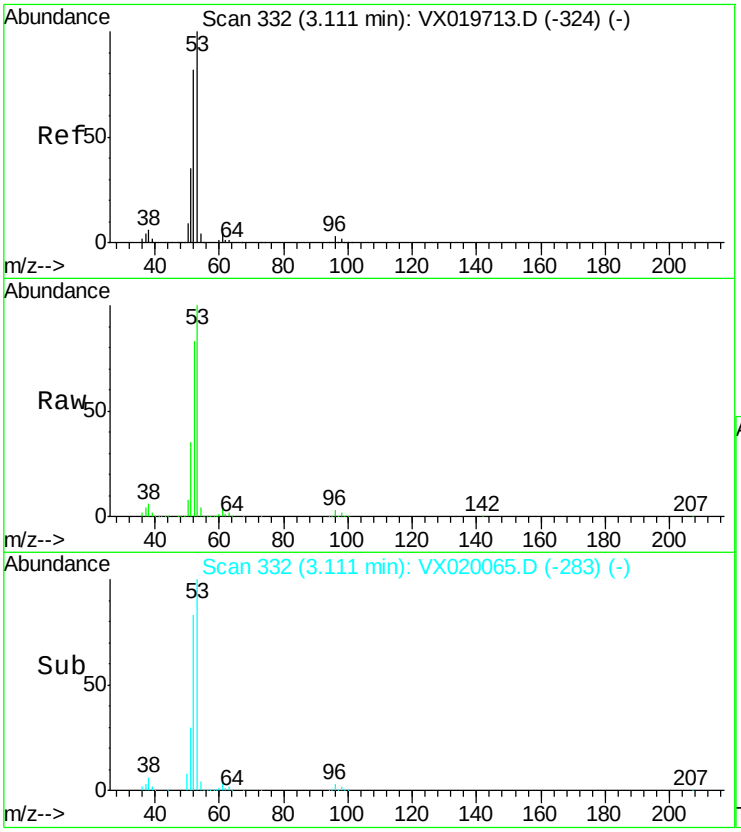




#14
Allyl chloride
Concen: 51.390 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 41 Resp: 209946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 62.6 | 51.6 | 77.4 |
| 76 | 35.9 | 30.5 | 45.7 |



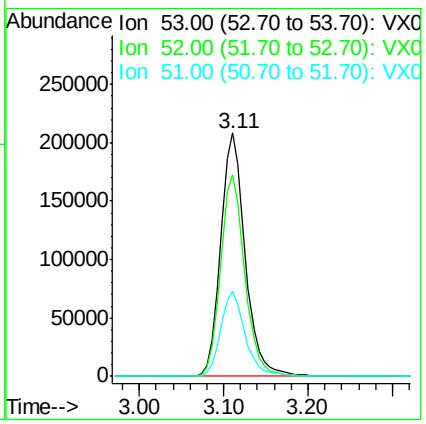


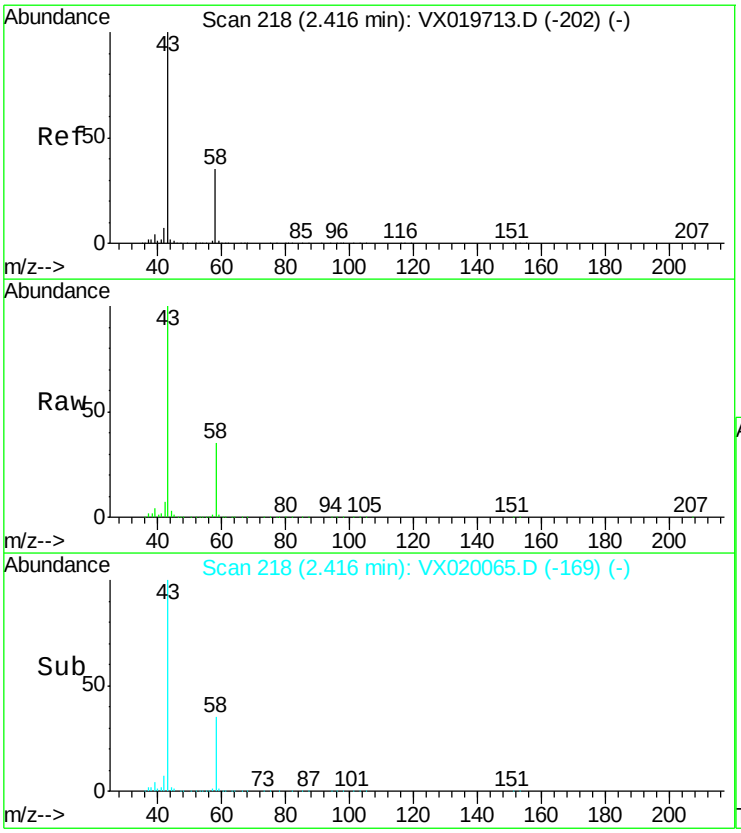

#15
Acrylonitrile
Concen: 264.681 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 53 Resp: 415190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.3 | 65.3 | 97.9 |
| 51 | 35.0 | 28.2 | 42.2 |

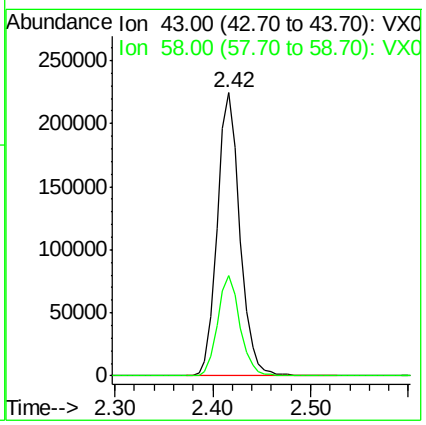


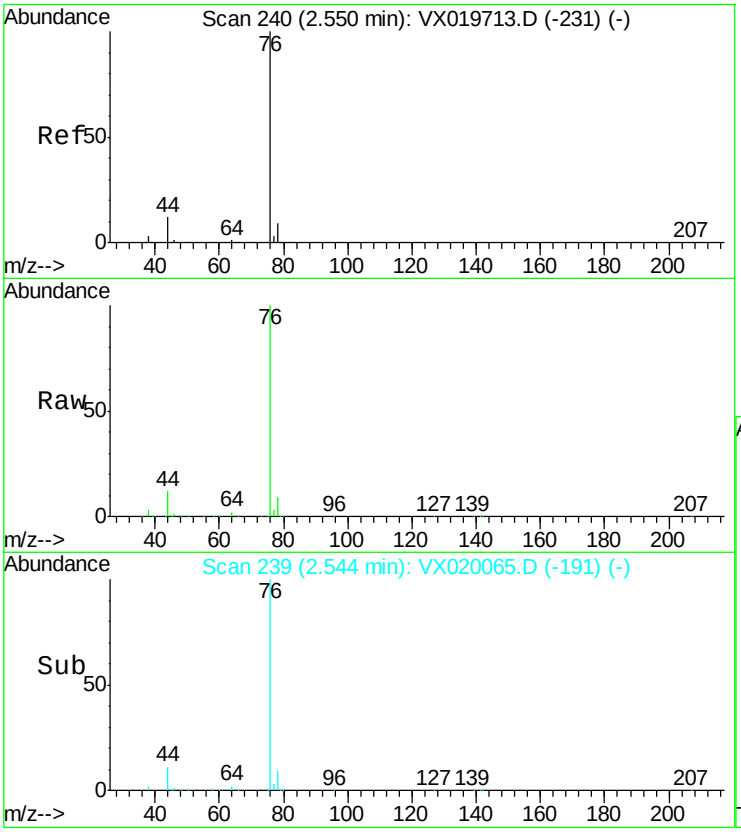




#16
Acetone
Concen: 275.060 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 43 Resp: 358746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.3 | 27.8 | 41.8 |



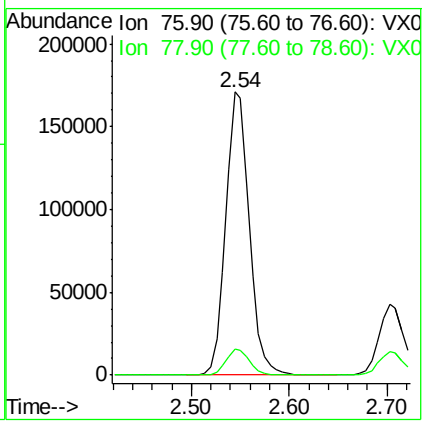


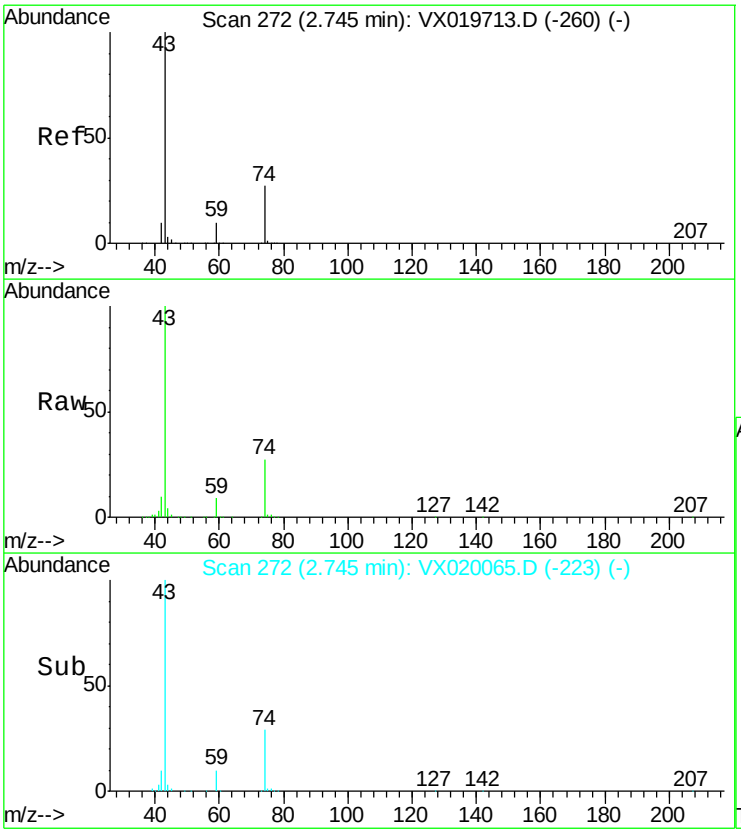

#17
Carbon Disulfide
Concen: 40.927 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 76 Resp: 284064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.5 | 7.2 | 10.8 |

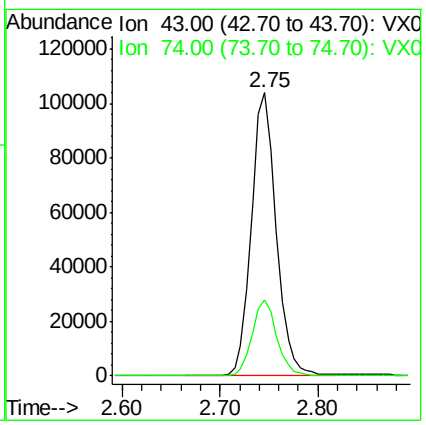


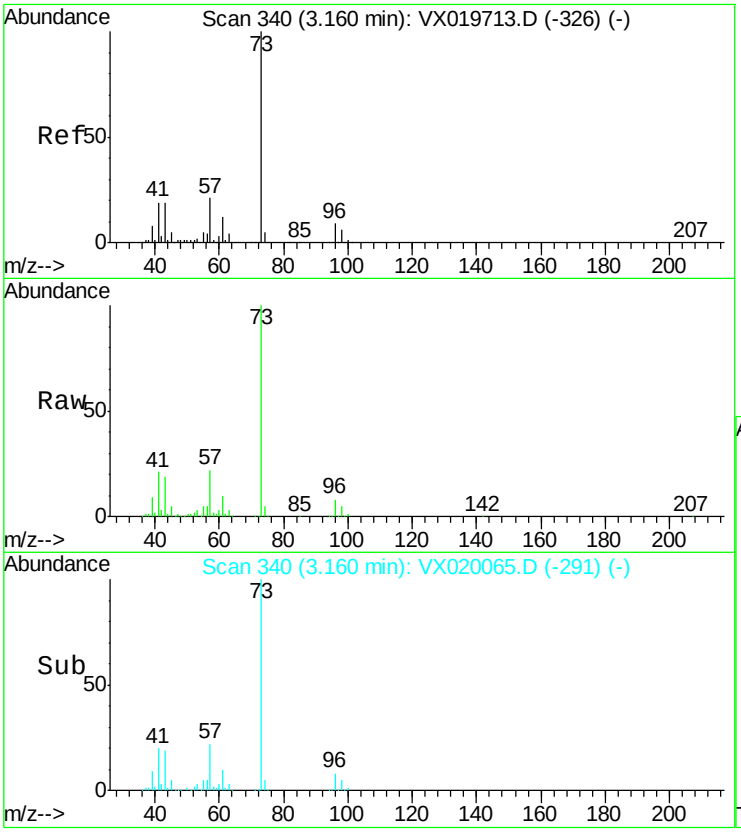




#18
Methyl Acetate
Concen: 57.298 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 43 Resp: 182872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.9 | 21.9 | 32.9 |



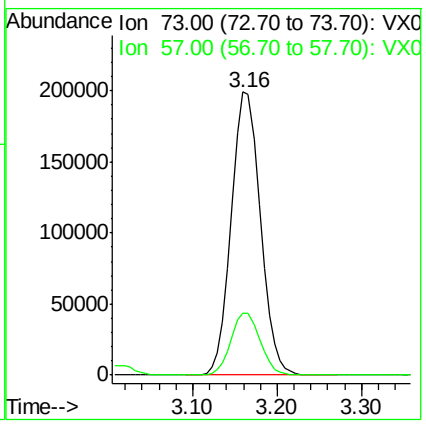


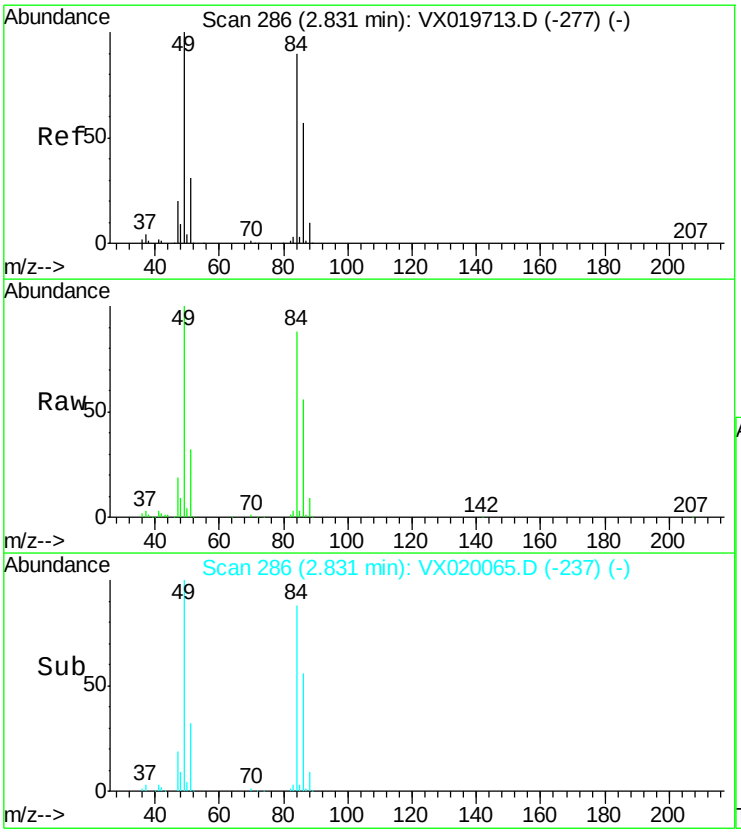

#19
Methyl tert-butyl Ether
Concen: 52.940 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 73 Resp: 466359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.7 | 17.1 | 25.7 |

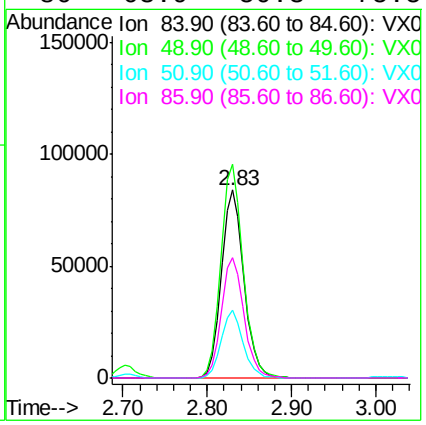


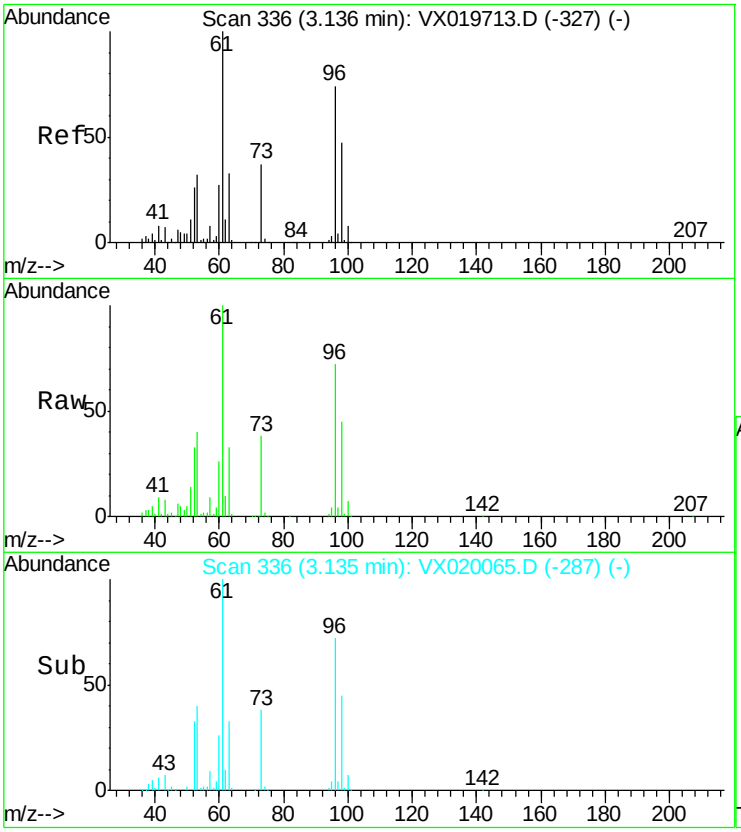




#20
Methylene Chloride
Concen: 51.884 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 84 Resp: 154329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 113.6 | 88.6 | 132.8 |
| 51 | 36.2 | 27.0 | 40.6 |
| 86 | 63.9 | 50.3 | 75.5 |



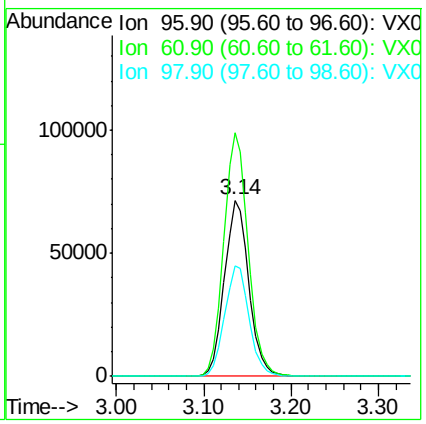


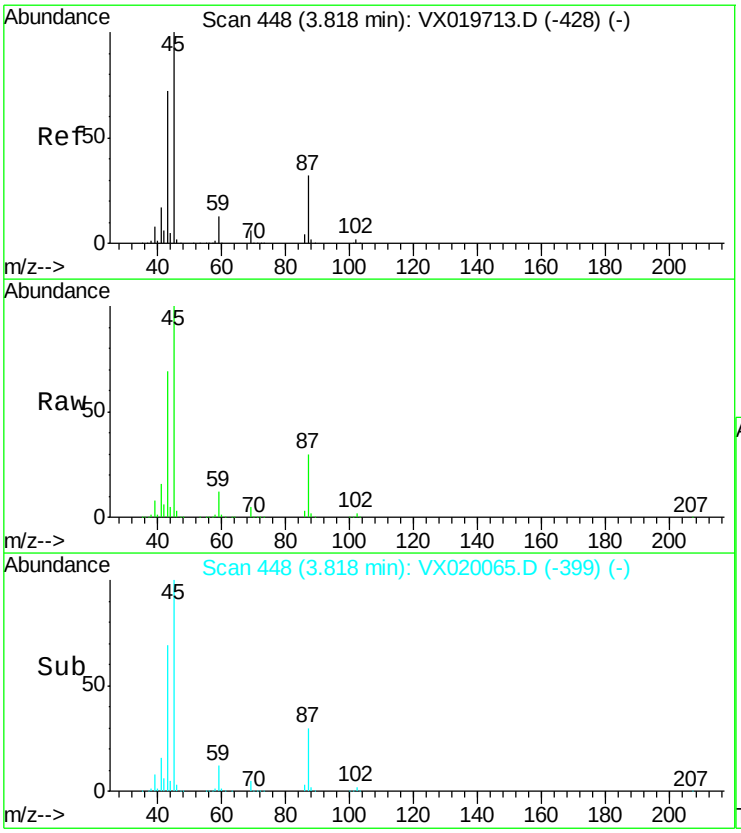

#21
trans-1,2-Dichloroethene
Concen: 49.225 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 96 Resp: 138821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 138.2 | 107.7 | 161.5 |
| 98 | 62.6 | 50.4 | 75.6 |

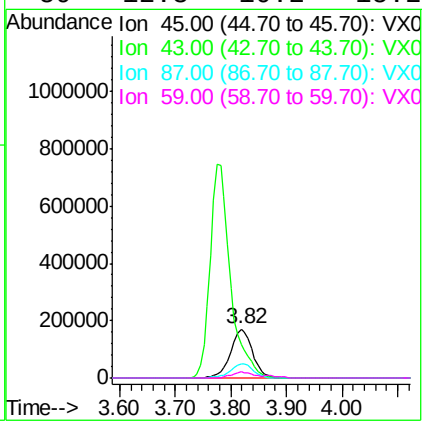


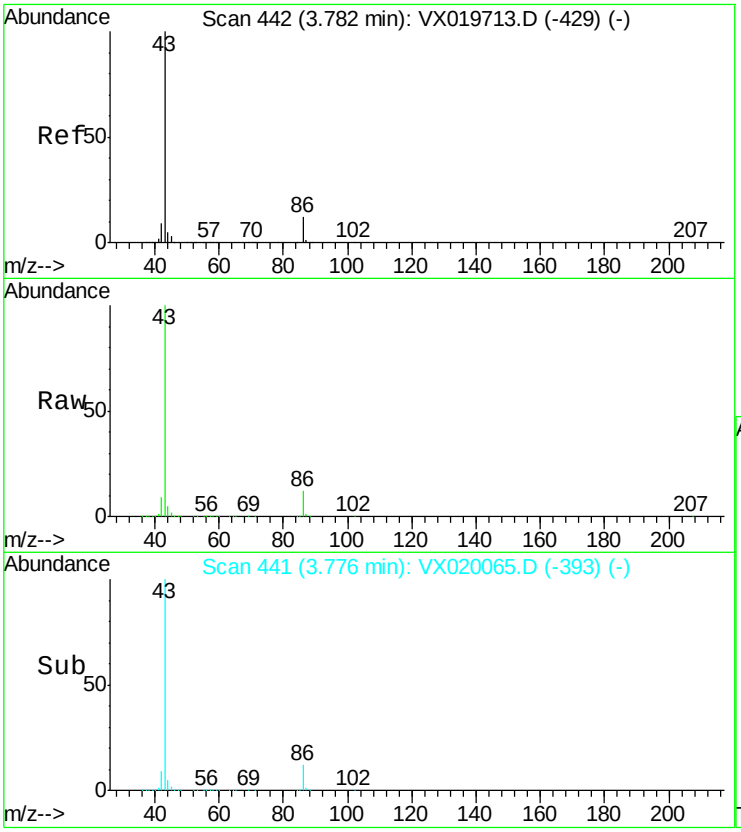




#22
Diisopropyl ether
Concen: 55.523 ug/l
RT: 3.82 min Scan# 448
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 45 Resp: 458620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 69.2 | 58.0 | 87.0 |
| 87 | 29.9 | 25.4 | 38.0 |
| 59 | 12.3 | 10.2 | 15.2 |



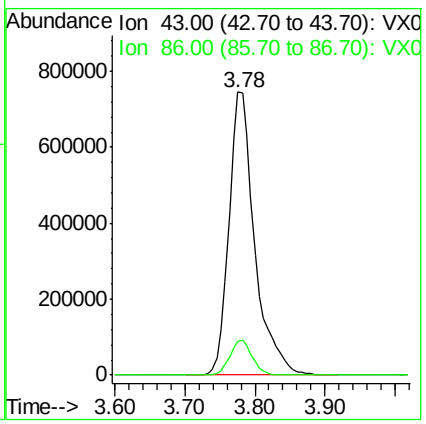


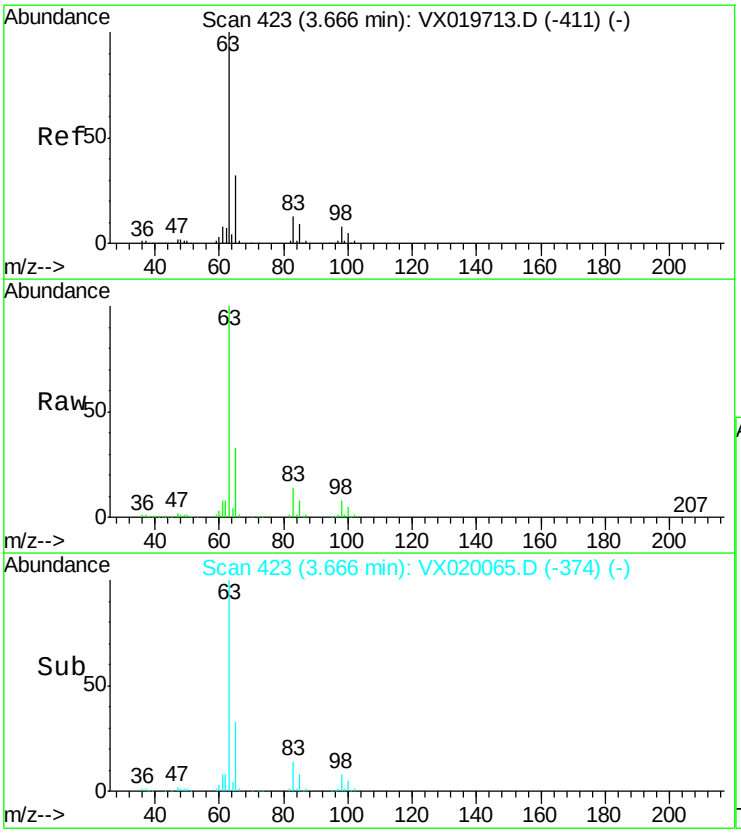

#23
Vinyl Acetate
Concen: 270.928 ug/l
RT: 3.78 min Scan# 441
Delta R.T. -0.01 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 43 Resp: 1906550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 12.0 | 9.9 | 14.9 |

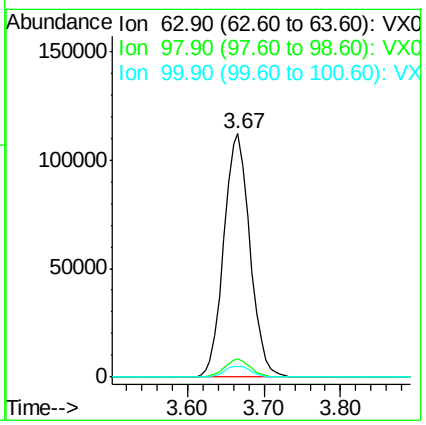


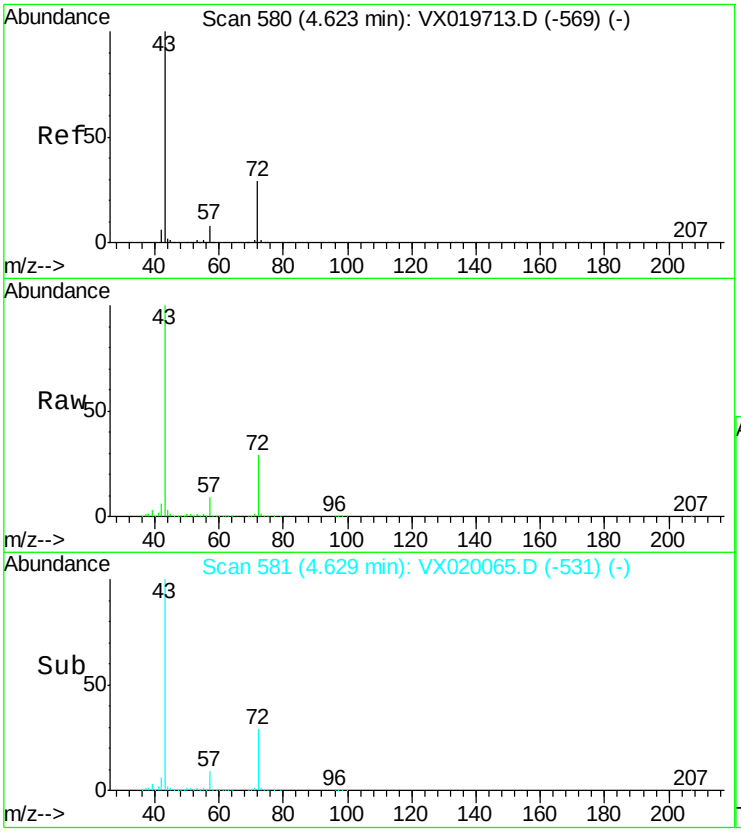




#24
1,1-Dichloroethane
Concen: 53.166 ug/l
RT: 3.67 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 63 Resp: 264819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.7 | 3.8 | 11.2 |
| 100 | 4.6 | 2.5 | 7.5 |



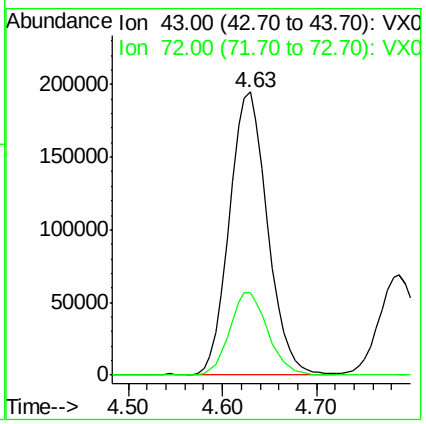


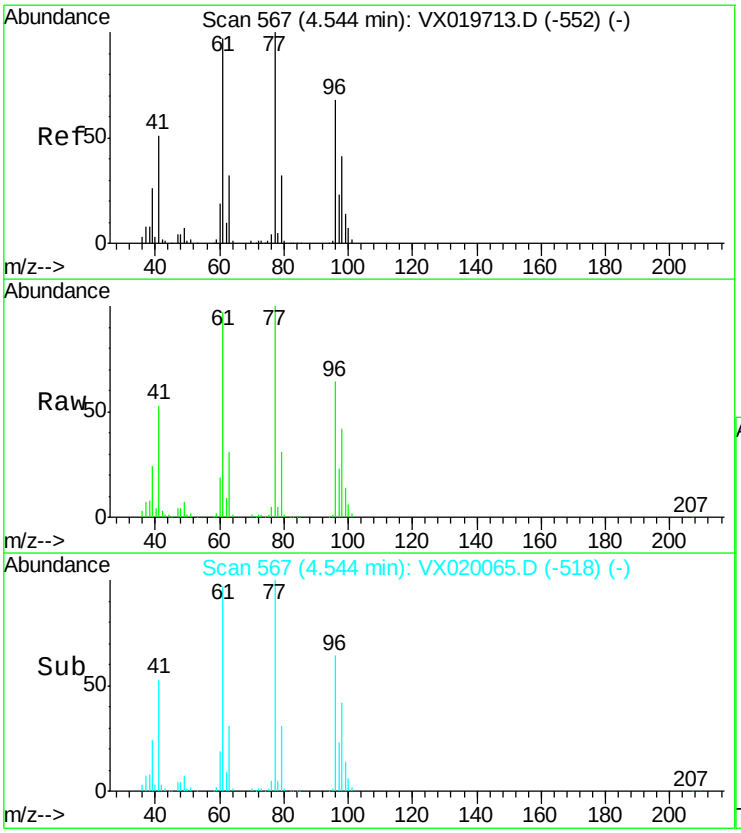

#25
2-Butanone
Concen: 272.212 ug/l
RT: 4.63 min Scan# 581
Delta R.T. 0.01 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 43 Resp: 545542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 29.2 | 23.7 | 35.5 |

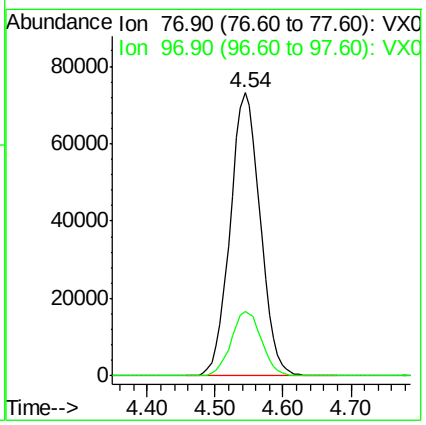


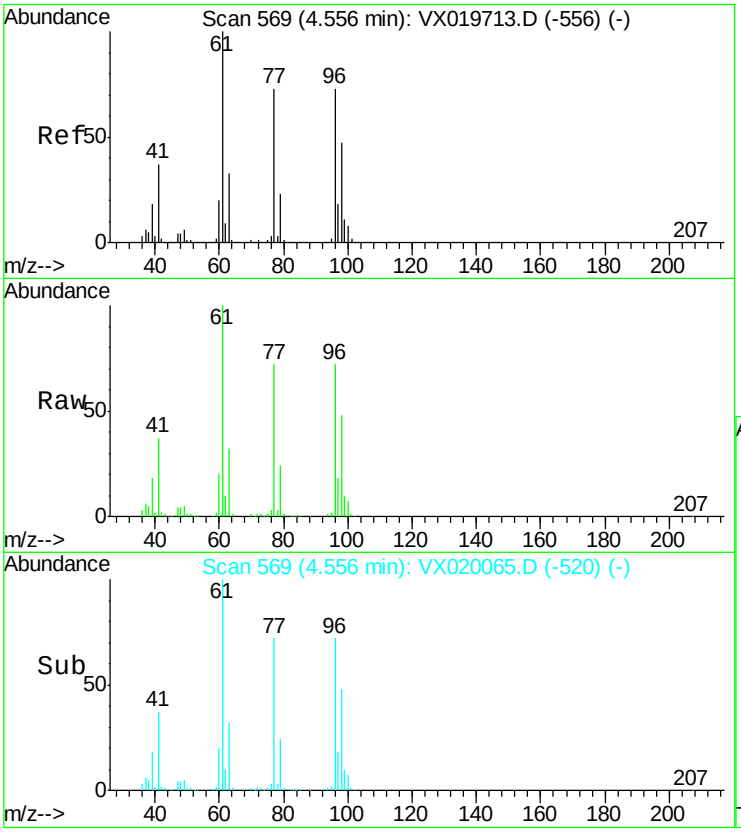




#26
2,2-Dichloropropane
Concen: 52.303 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 77 Resp: 224351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.1 | 11.7 | 35.1 |



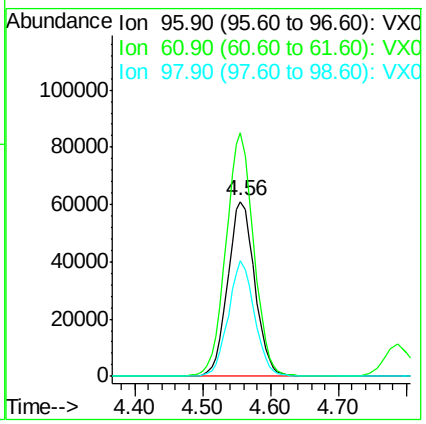


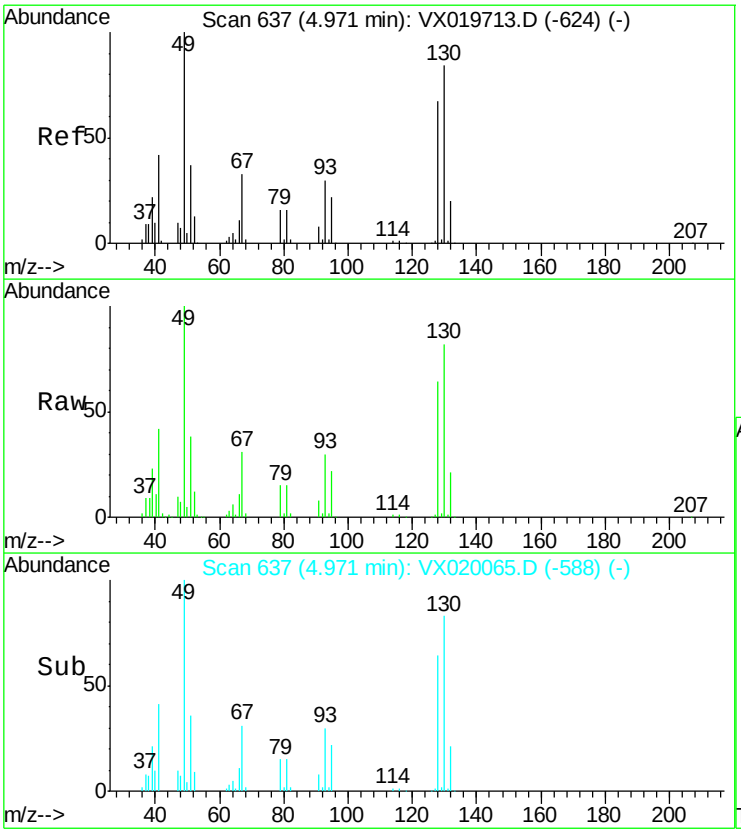

#27
cis-1,2-Dichloroethene
Concen: 50.957 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 96 Resp: 168170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 142.9 | 0.0 | 285.6 |
| 98 | 64.1 | 0.0 | 129.6 |

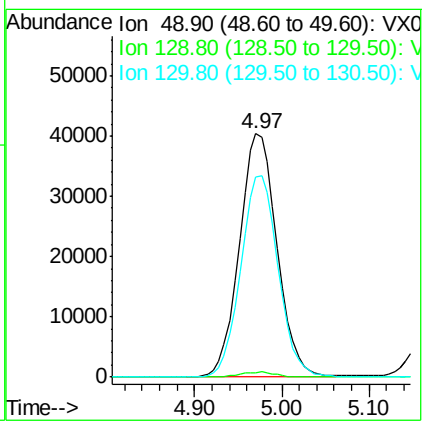


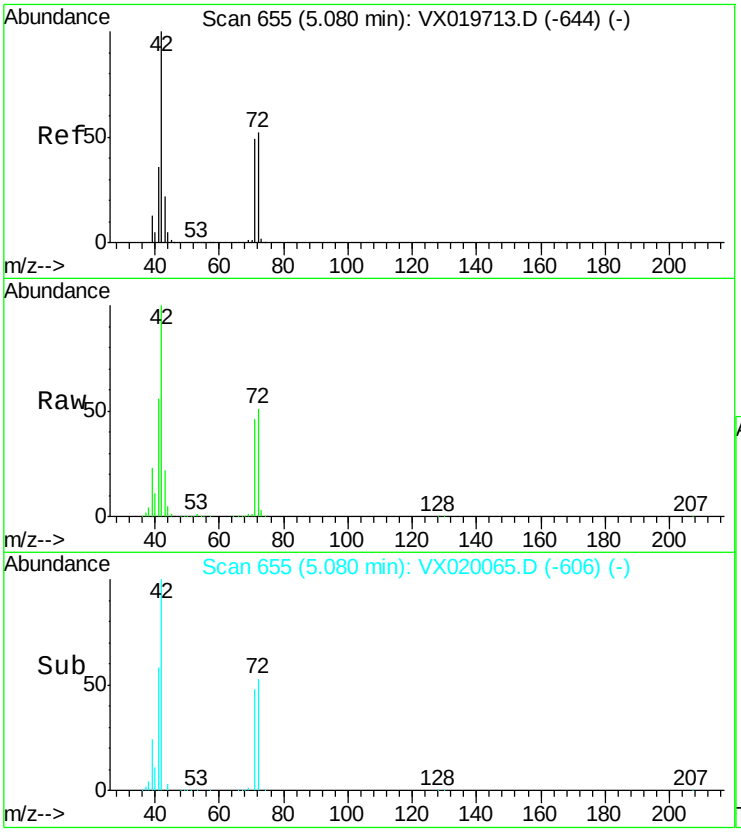




#28
Bromochloromethane
Concen: 50.939 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 49 Resp: 120955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.0 | 0.0 | 4.0 |
| 130 | 82.5 | 68.2 | 102.2 |



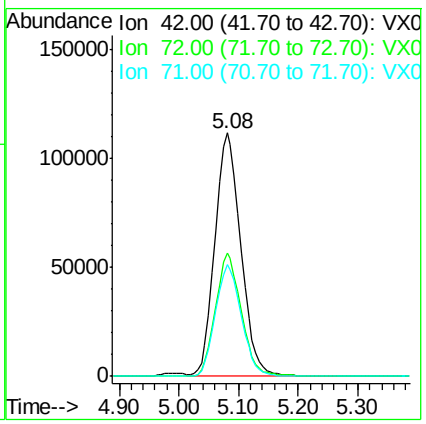


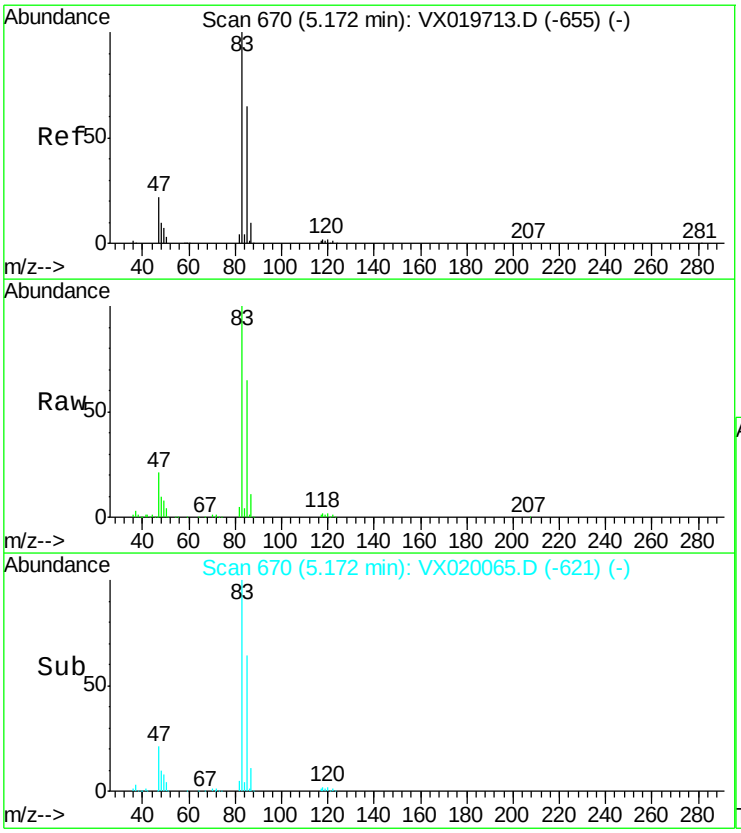

#29
Tetrahydrofuran
Concen: 260.048 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 42 Resp: 335779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 50.6 | 41.7 | 62.5 |
| 71 | 46.3 | 38.4 | 57.6 |

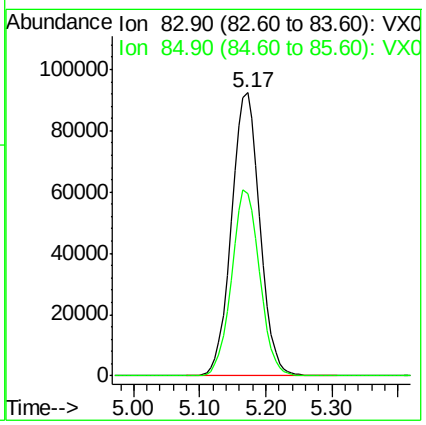


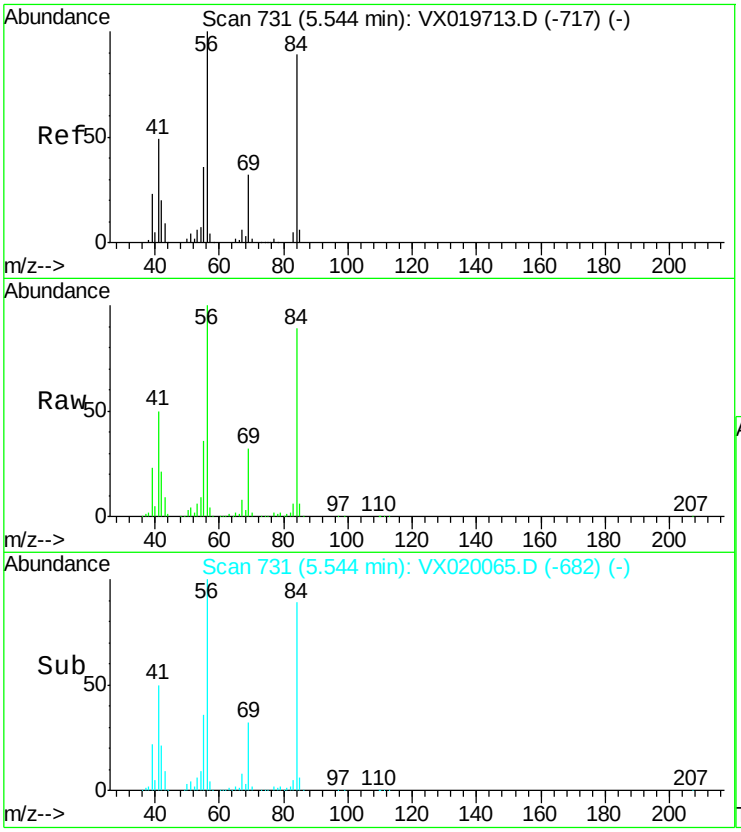




#30
Chloroform
Concen: 53.636 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 83 Resp: 274702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.5 | 52.0 | 78.0 |



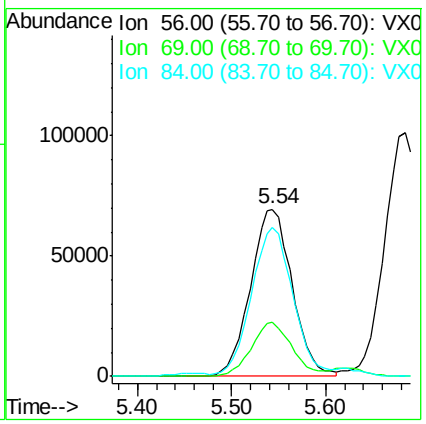


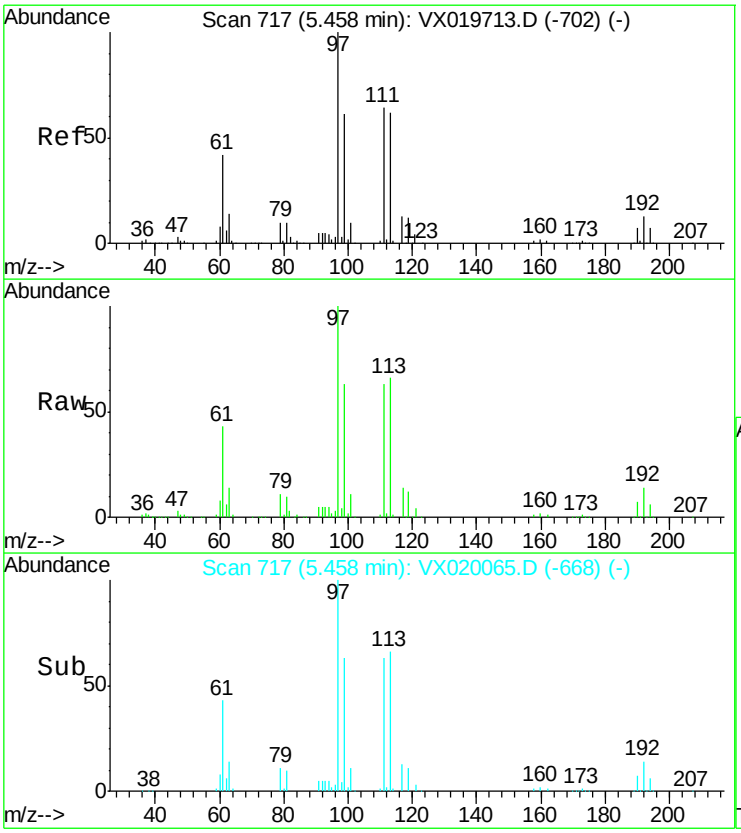

#31
Cyclohexane
Concen: 49.889 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 56 Resp: 215336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.1 | 25.3 | 37.9 |
| 84 | 86.8 | 71.4 | 107.0 |

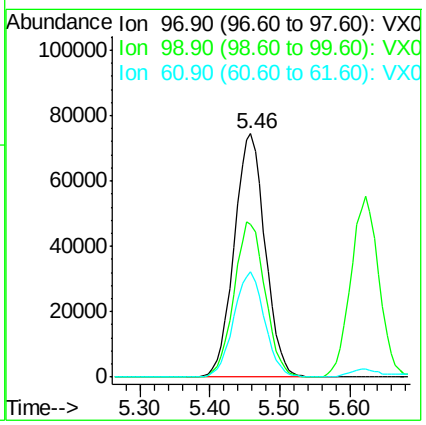


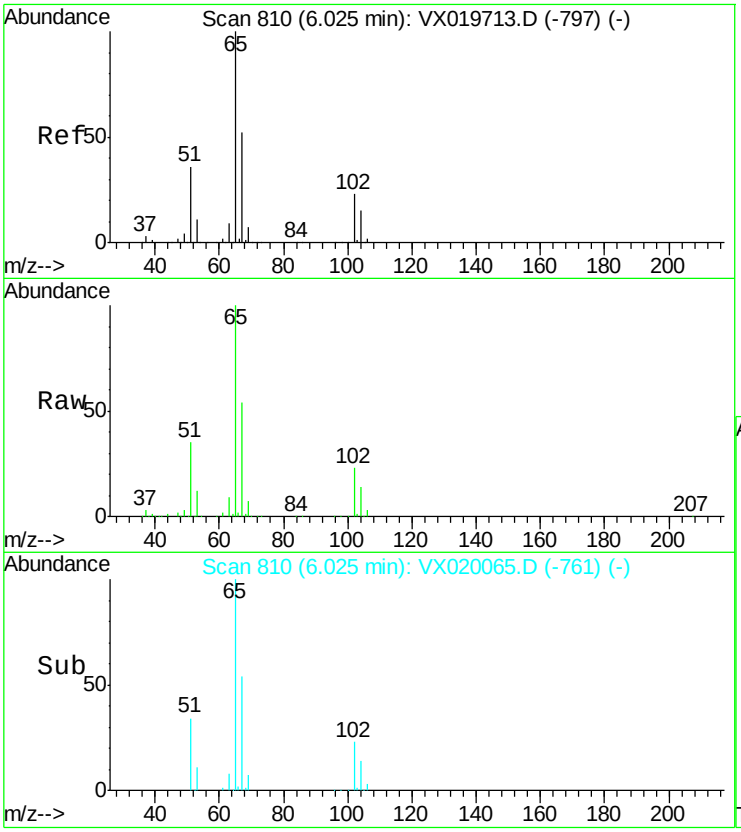




#32
1,1,1-Trichloroethane
Concen: 51.867 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 97 Resp: 228767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.0 | 51.5 | 77.3 |
| 61 | 43.0 | 34.2 | 51.4 |



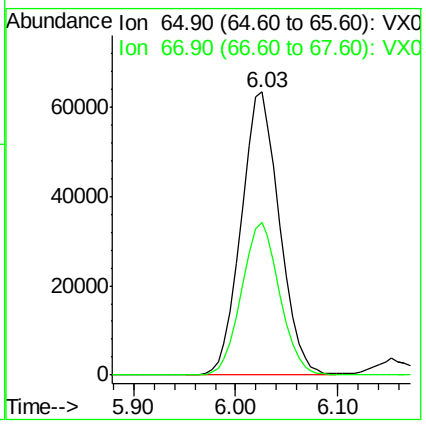


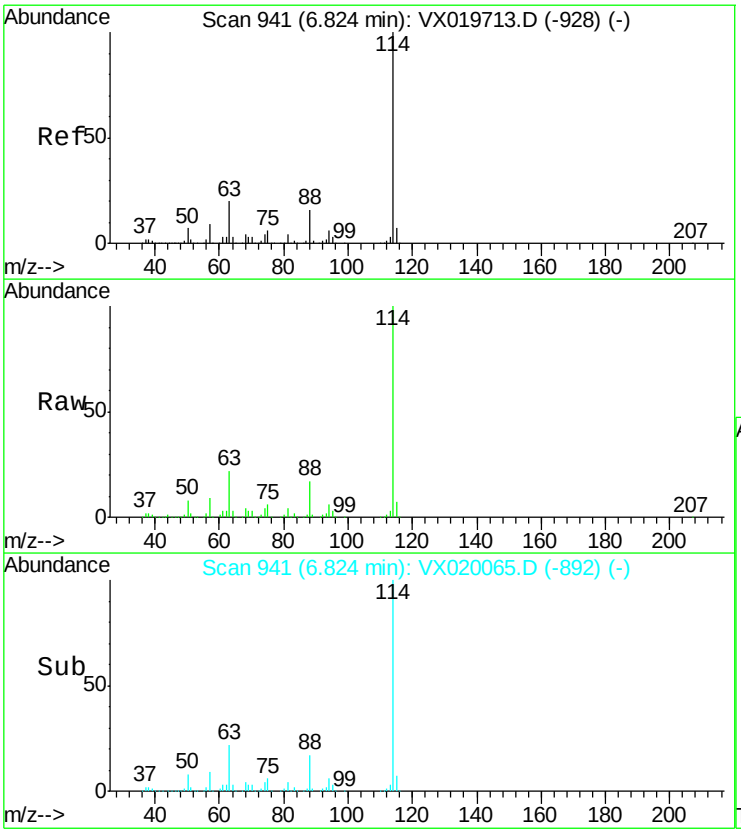

#33
1,2-Dichloroethane-d4
Concen: 47.625 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 65 Resp: 165253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.7 | 0.0 | 105.4 |

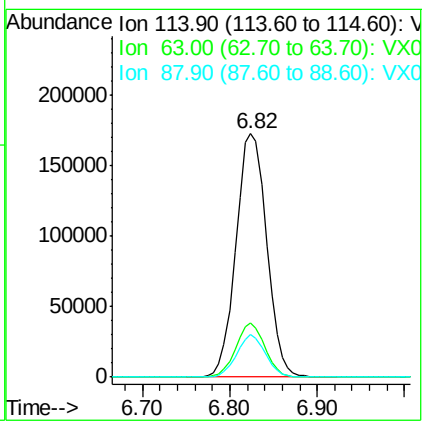


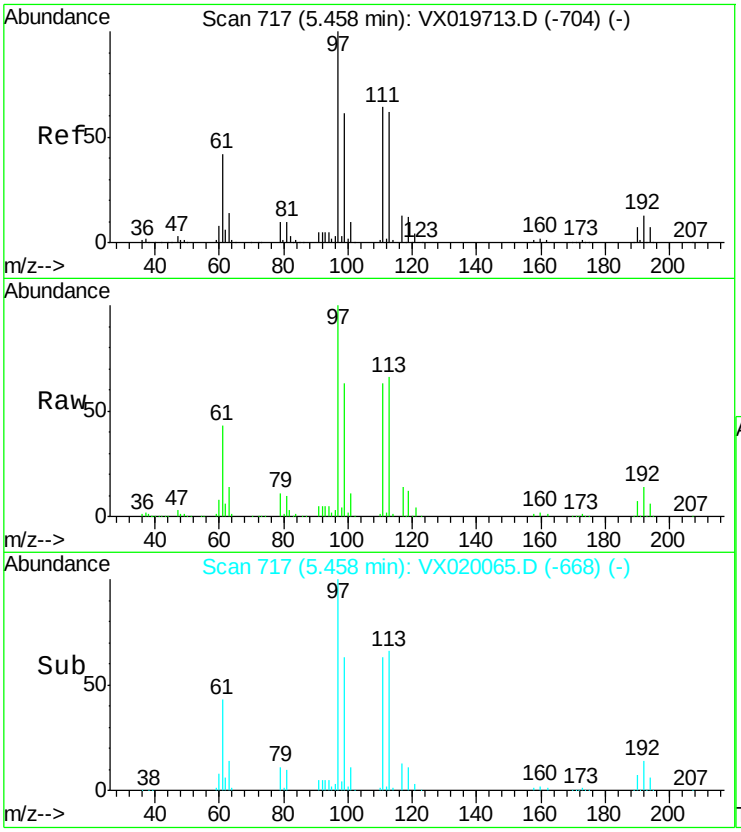




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.82 min Scan# 941
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion:114 Resp: 421031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.2 | 0.0 | 40.8 |
| 88 | 17.4 | 0.0 | 32.8 |



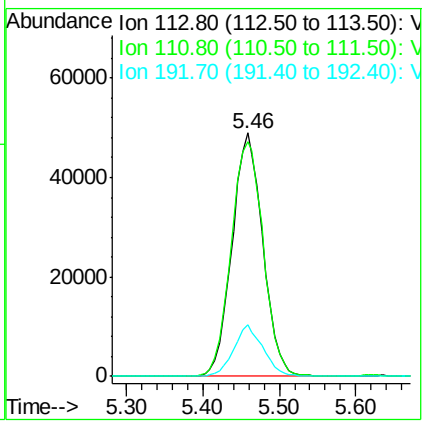


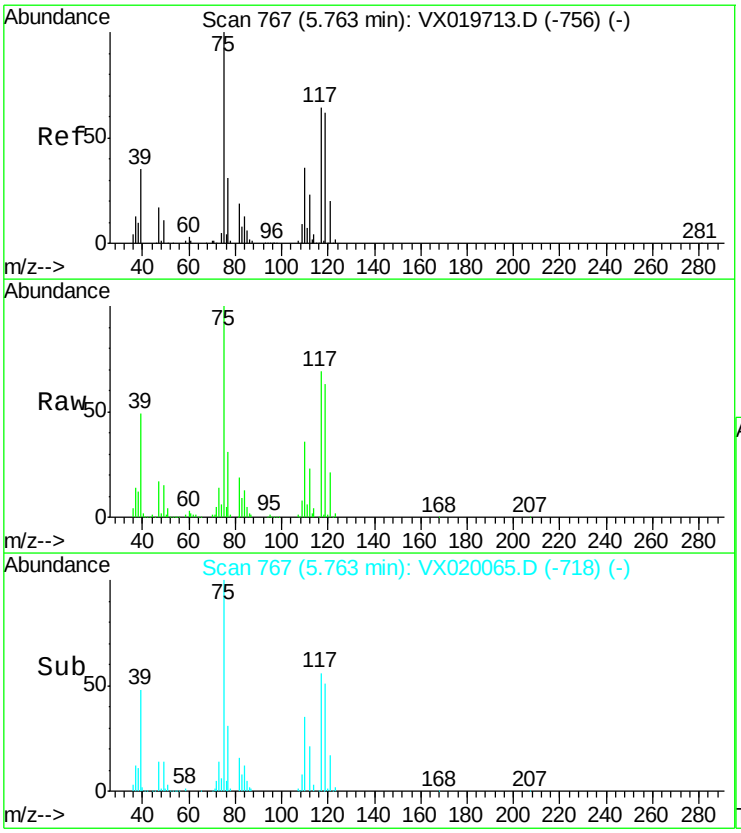

#35
Dibromofluoromethane
Concen: 50.058 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion:113 Resp: 136212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.1 | 81.9 | 122.9 |
| 192 | 20.1 | 16.7 | 25.1 |

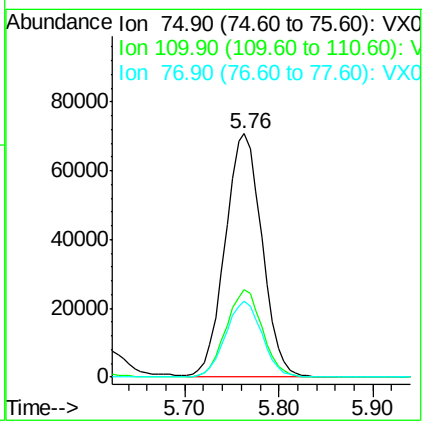


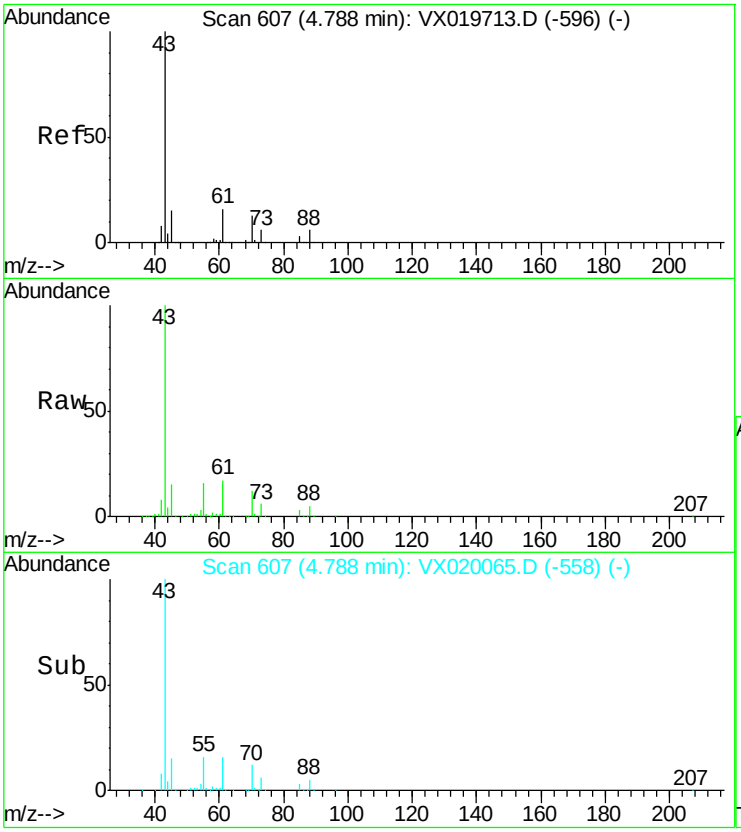




#36
1,1-Dichloropropene
Concen: 50.405 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 75 Resp: 191769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.5 | 18.1 | 54.4 |
| 77 | 31.1 | 25.3 | 37.9 |



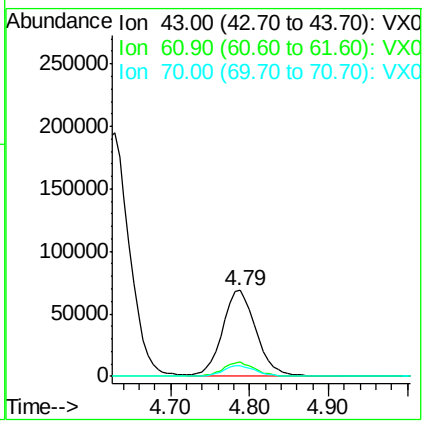


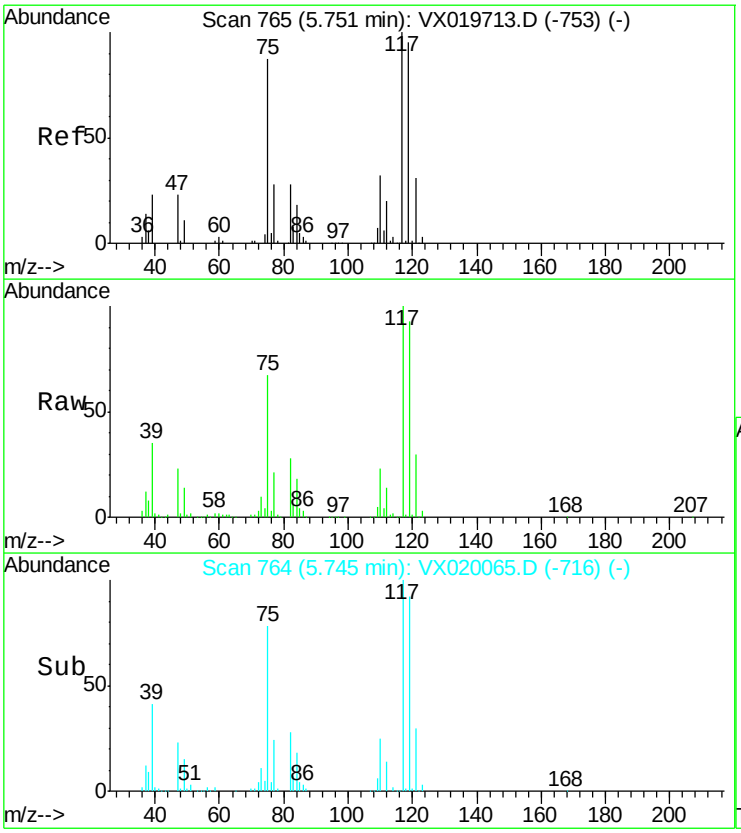

#37
Ethyl Acetate
Concen: 52.202 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 43 Resp: 200526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.5 | 12.8 | 19.2 |
| 70 | 12.8 | 10.5 | 15.7 |

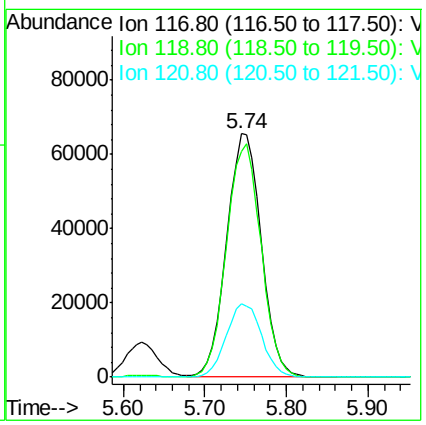


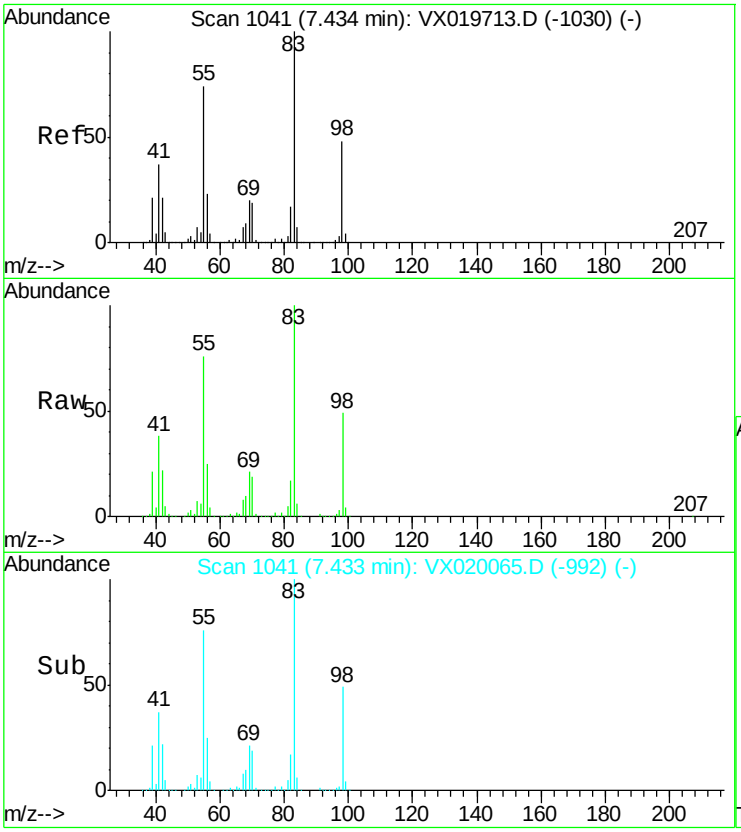




#38
Carbon Tetrachloride
Concen: 51.776 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion:117 Resp: 192900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 92.8 | 76.2 | 114.2 |
| 121 | 30.4 | 24.8 | 37.2 |



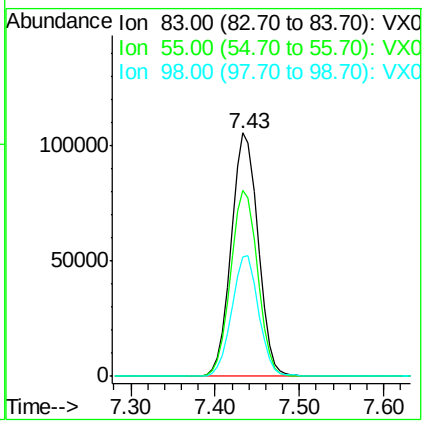


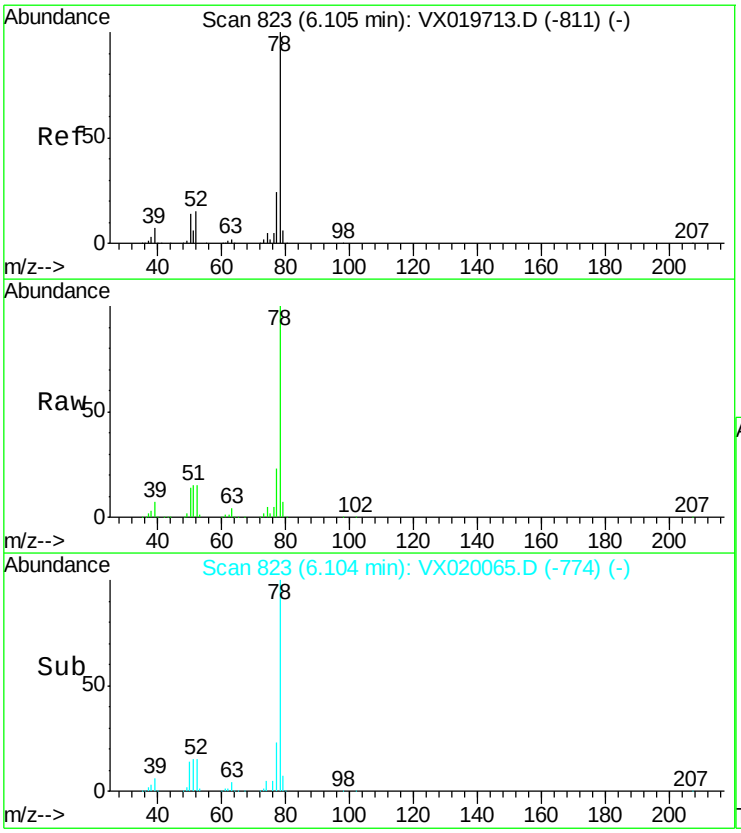

#39
Methylcyclohexane
Concen: 50.854 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 83 Resp: 227313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 76.3 | 58.9 | 88.3 |
| 98 | 49.3 | 38.1 | 57.1 |

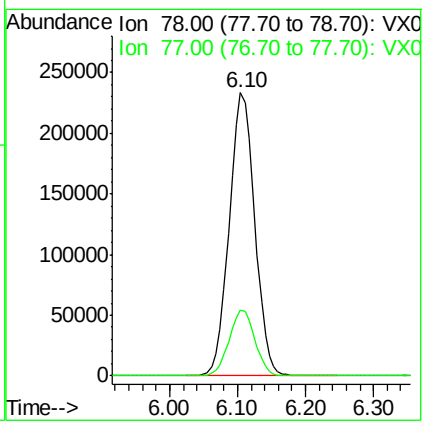


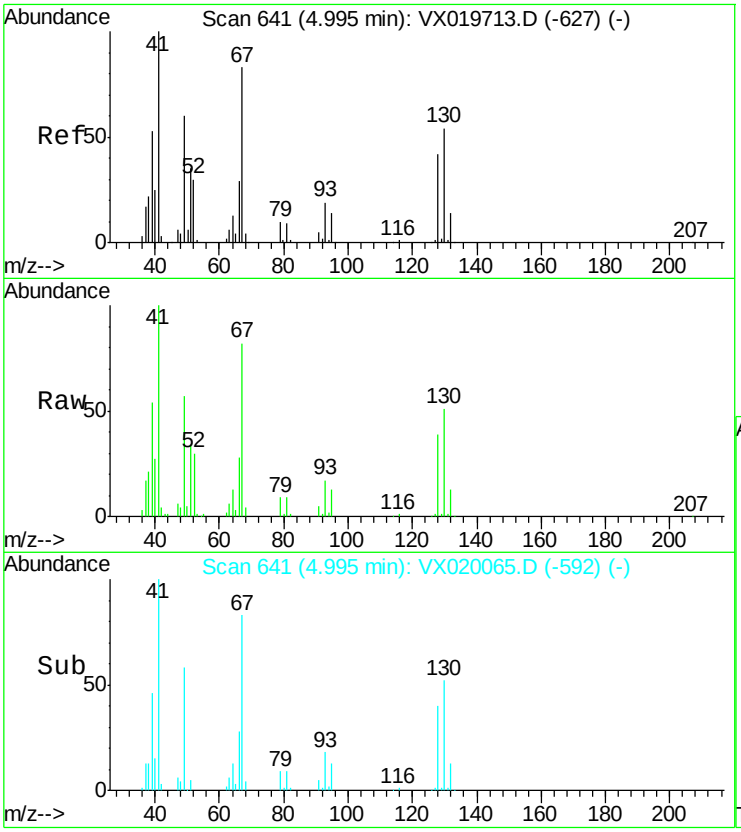




#40
Benzene
Concen: 52.284 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 78 Resp: 607639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.4 | 18.9 | 28.3 |



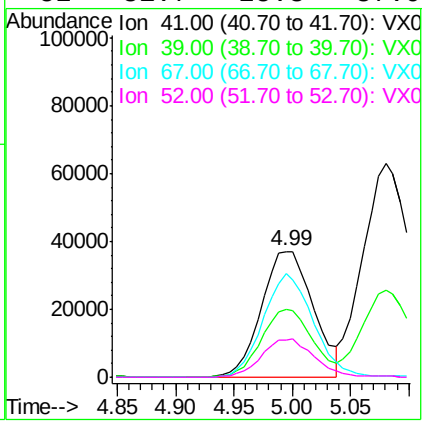


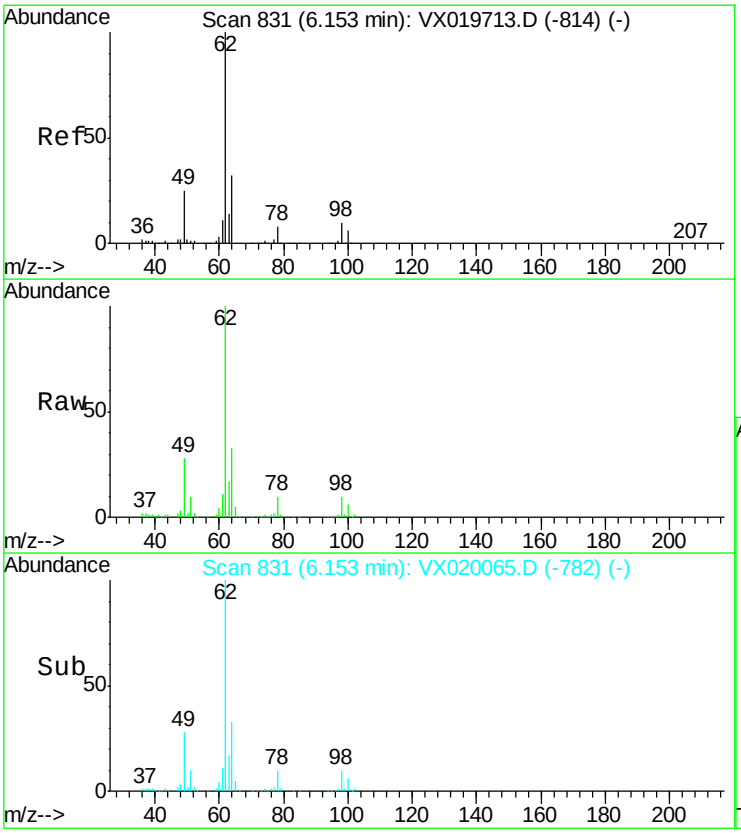

#41
Methacrylonitrile
Concen: 54.284 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 41 Resp: 114489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 53.3 | 42.5 | 63.7 |
| 67 | 80.0 | 65.0 | 97.6 |
| 52 | 31.7 | 25.3 | 37.9 |

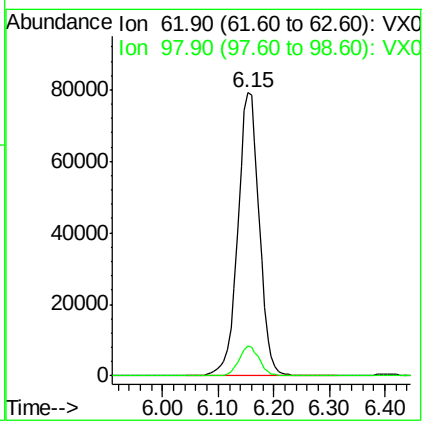


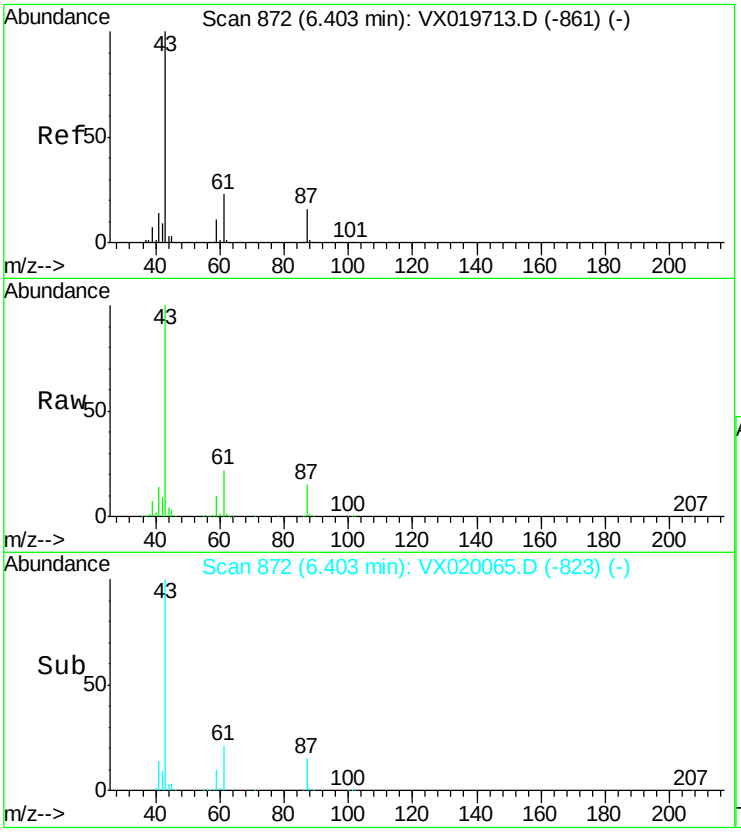




#42
1,2-Dichloroethane
Concen: 53.044 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 62 Resp: 210629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.0 | 0.0 | 20.2 |



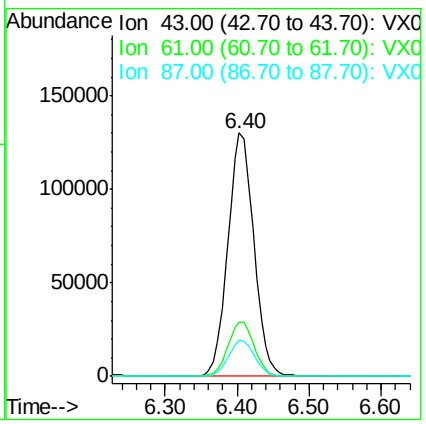


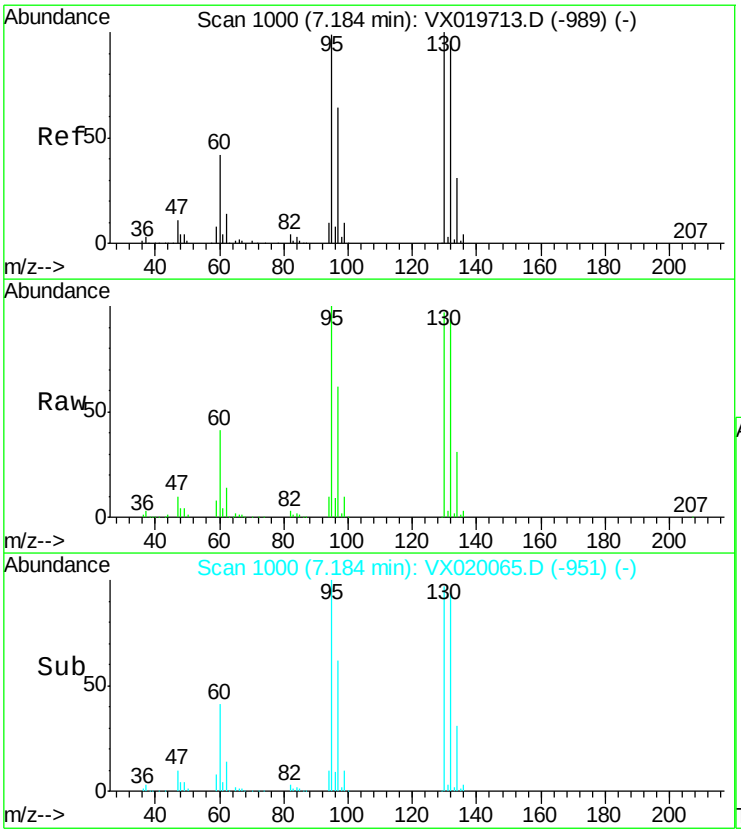

#43
Isopropyl Acetate
Concen: 52.393 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 43 Resp: 327208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 22.7 | 18.2 | 27.4 |
| 87 | 14.9 | 12.5 | 18.7 |

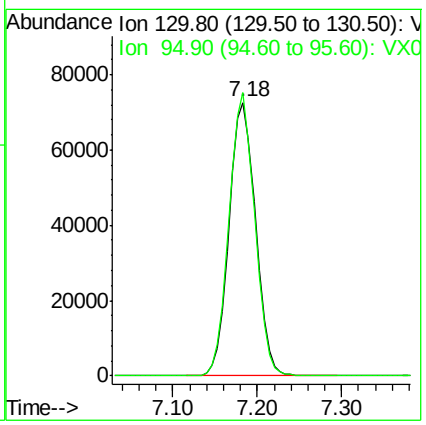


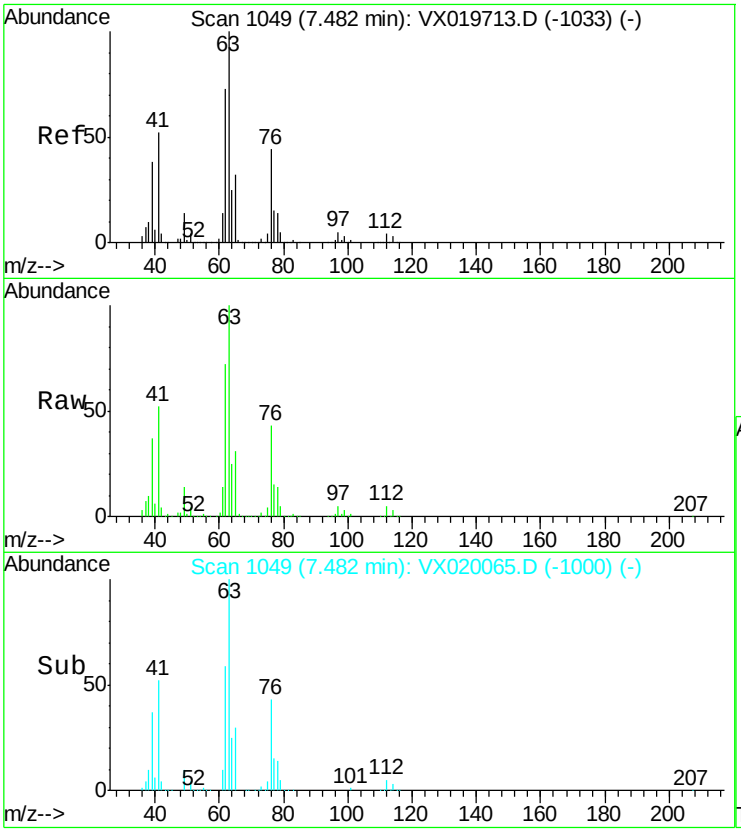




#44
Trichloroethene
Concen: 50.663 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion:130 Resp: 154488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 103.5 | 0.0 | 198.0 |



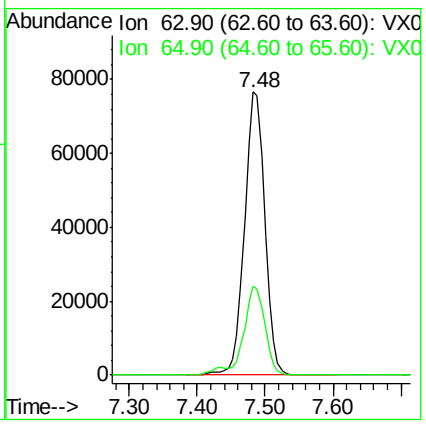


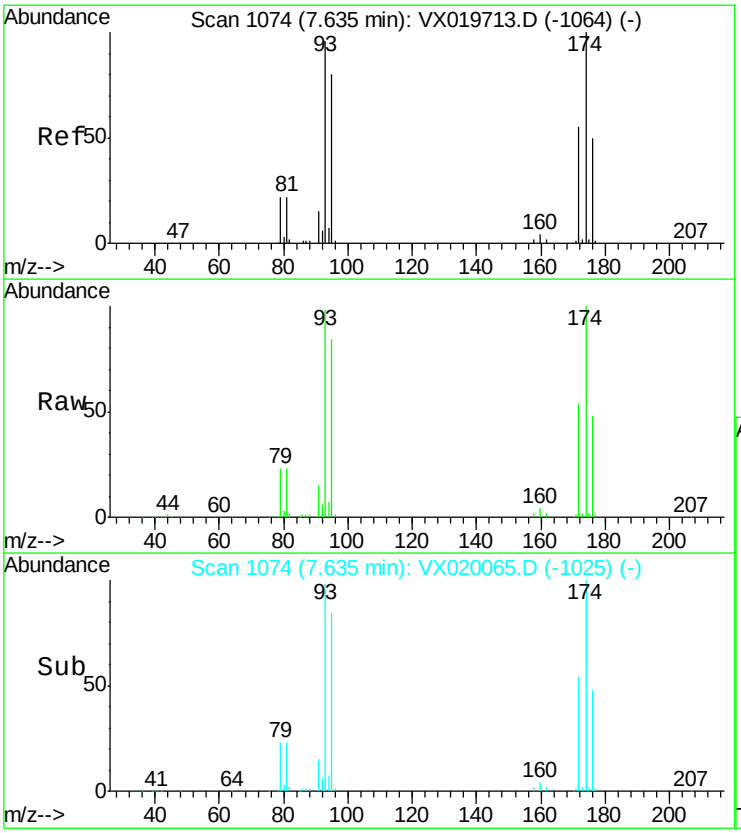

#45
1,2-Dichloropropane
Concen: 54.839 ug/l
RT: 7.48 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 63 Resp: 159287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.3 | 25.7 | 38.5 |

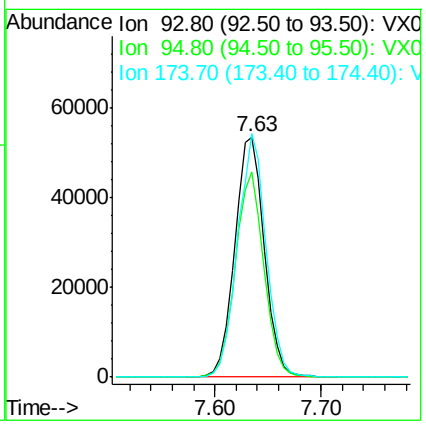


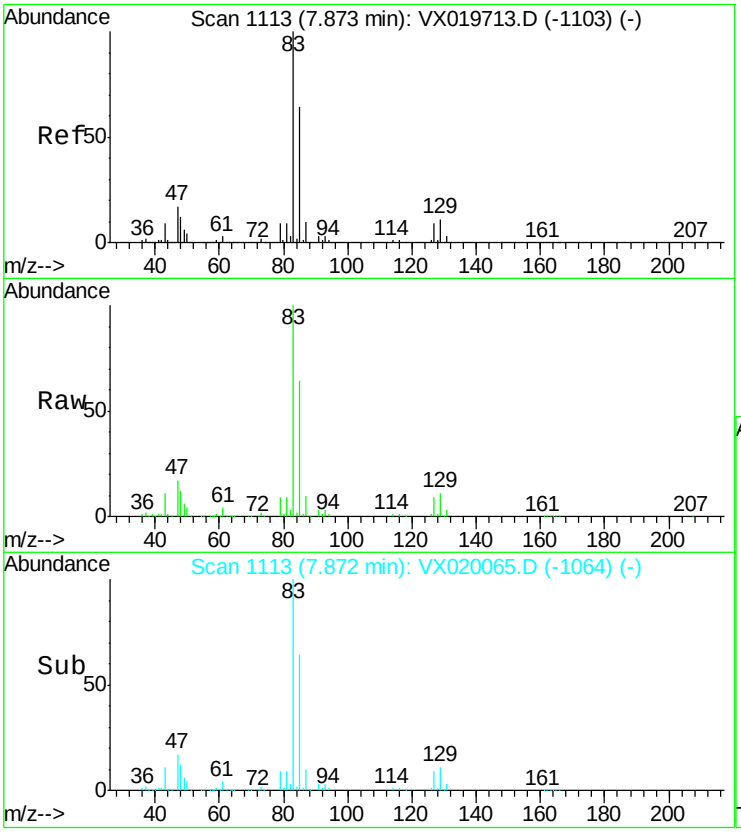




#46
Dibromomethane
Concen: 53.059 ug/l
RT: 7.63 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 93 Resp: 104076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.8 | 66.8 | 100.2 |
| 174 | 98.1 | 83.1 | 124.7 |



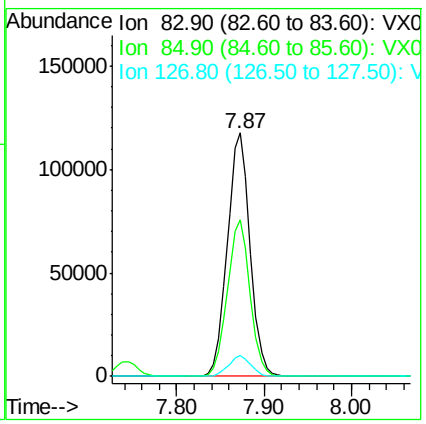


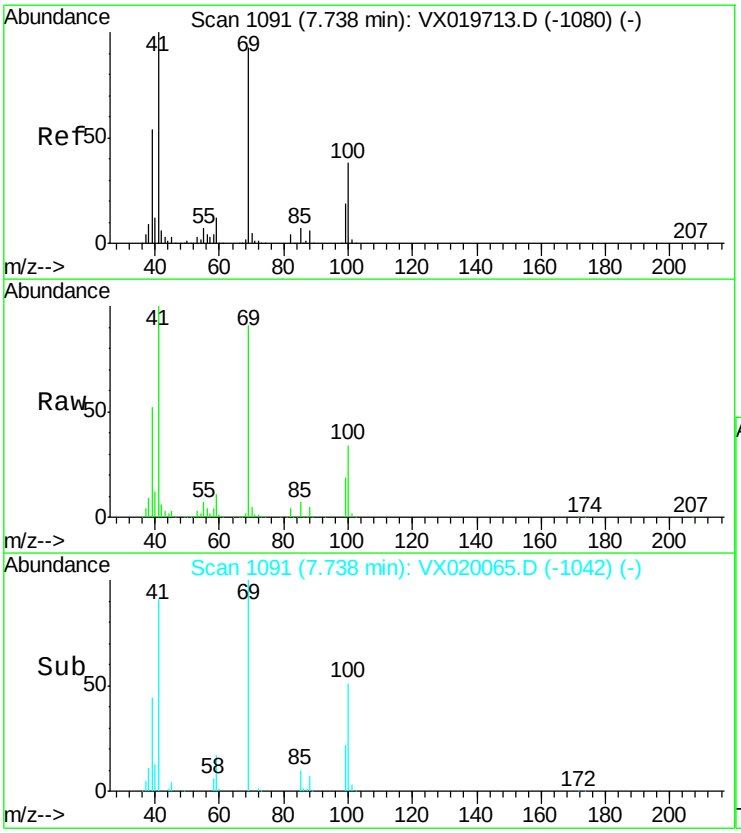

#47
Bromodichloromethane
Concen: 54.468 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 83 Resp: 212007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.4 | 51.4 | 77.0 |
| 127 | 8.7 | 6.8 | 10.2 |

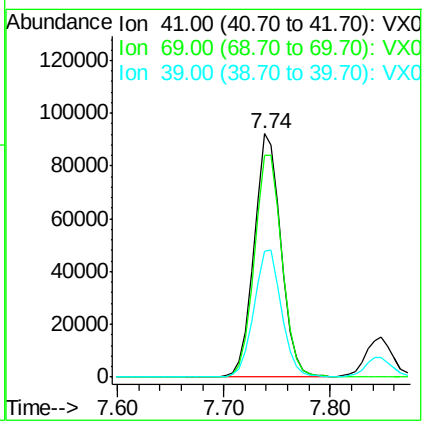


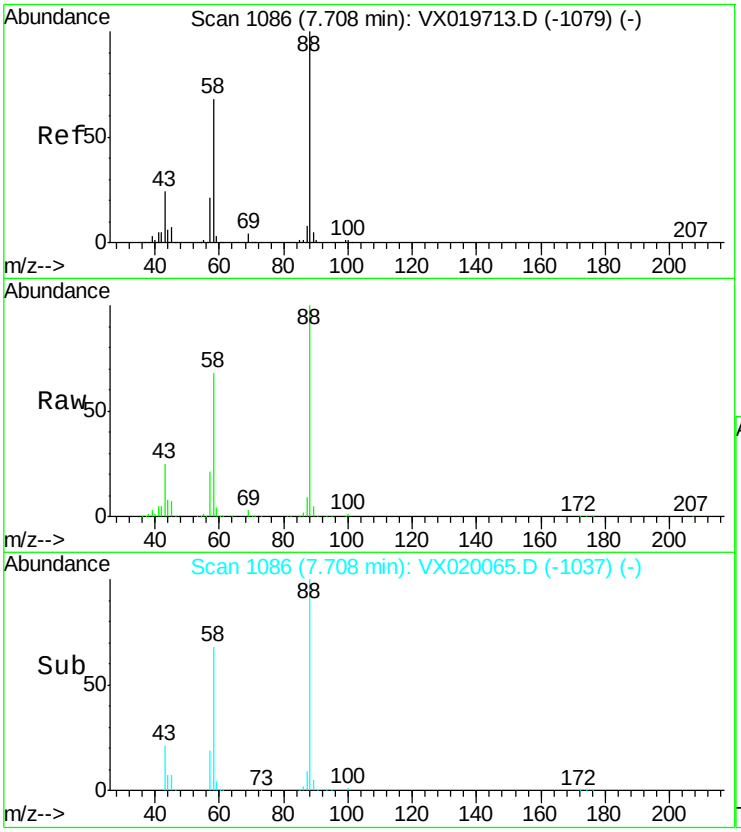




#48
Methyl methacrylate
Concen: 53.319 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 41 Resp: 163768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 93.8 | 76.0 | 114.0 |
| 39 | 53.4 | 44.6 | 67.0 |



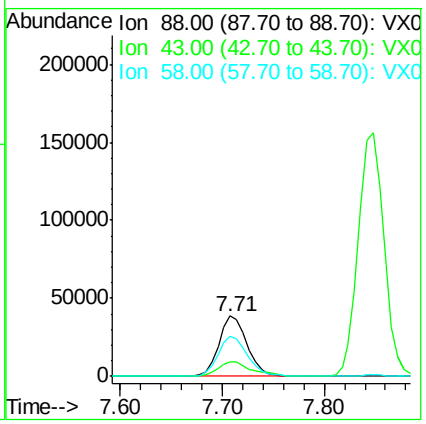


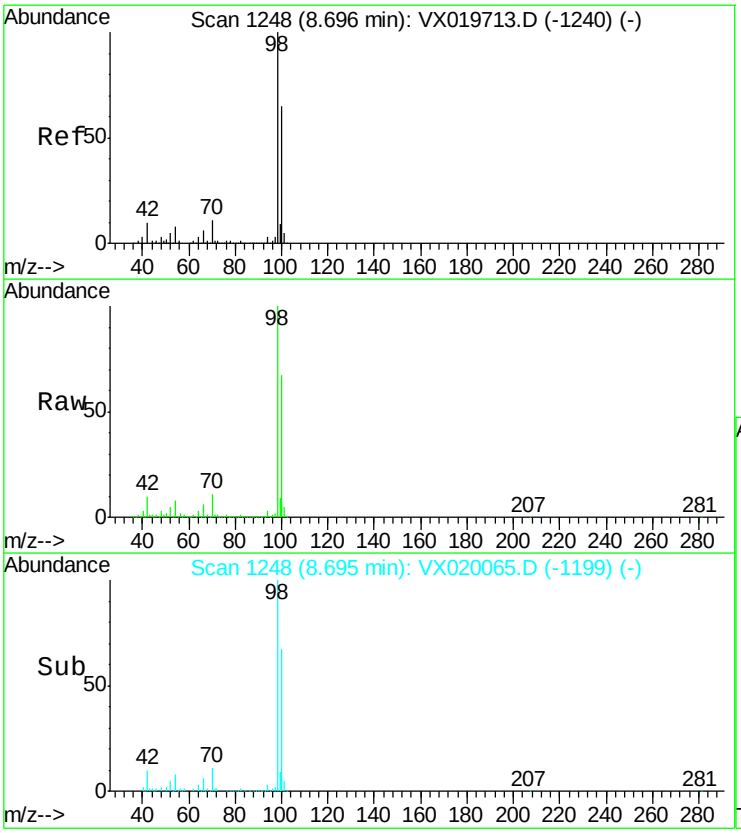

#49
1,4-Dioxane
Concen: 995.743 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 88 Resp: 74089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 29.0 | 23.2 | 34.8 |
| 58 | 70.1 | 55.0 | 82.4 |

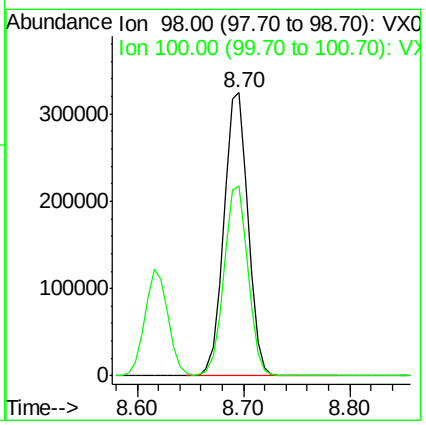


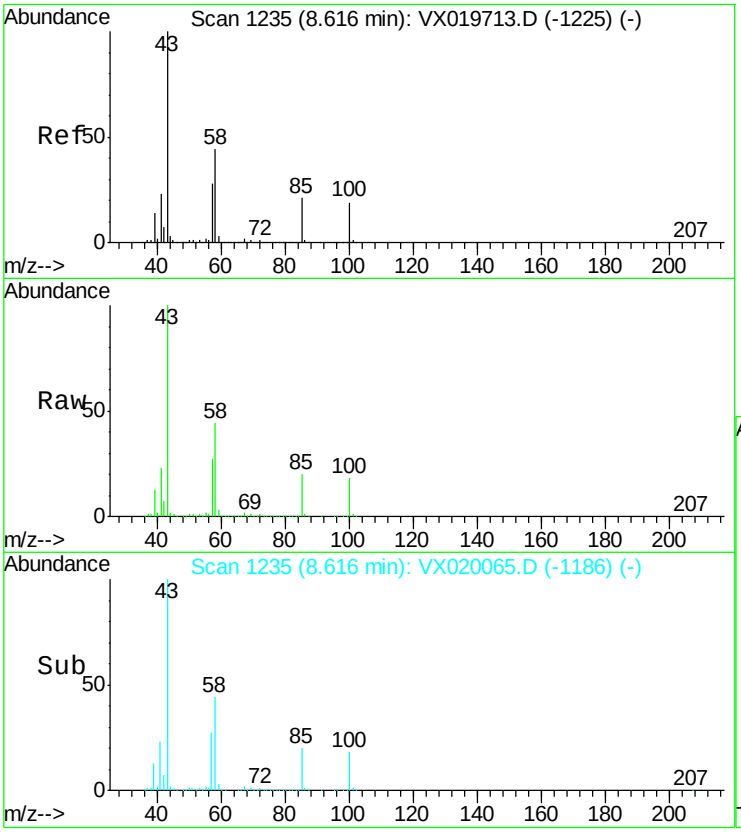




#50
Toluene-d8
Concen: 49.426 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 98 Resp: 513456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.1 | 51.9 | 77.9 |



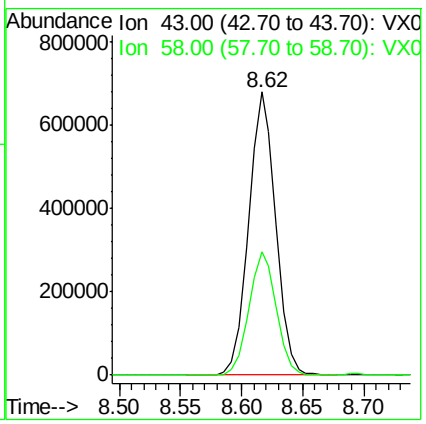


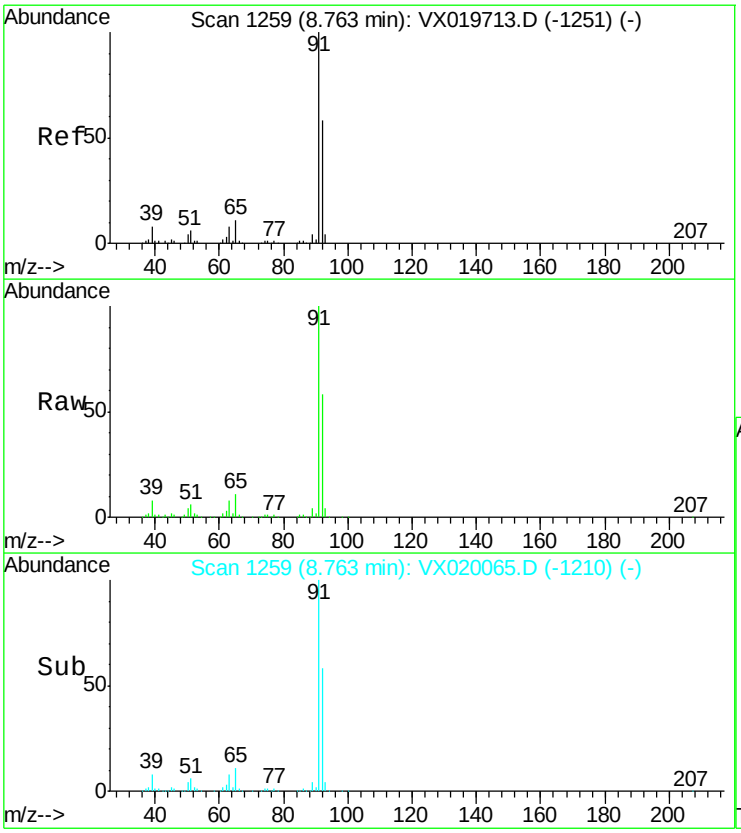

#51
4-Methyl-2-Pentanone
Concen: 274.350 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 43 Resp: 1046077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 44.0 | 35.4 | 53.0 |

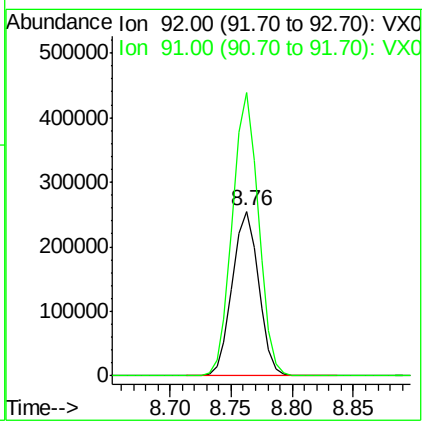


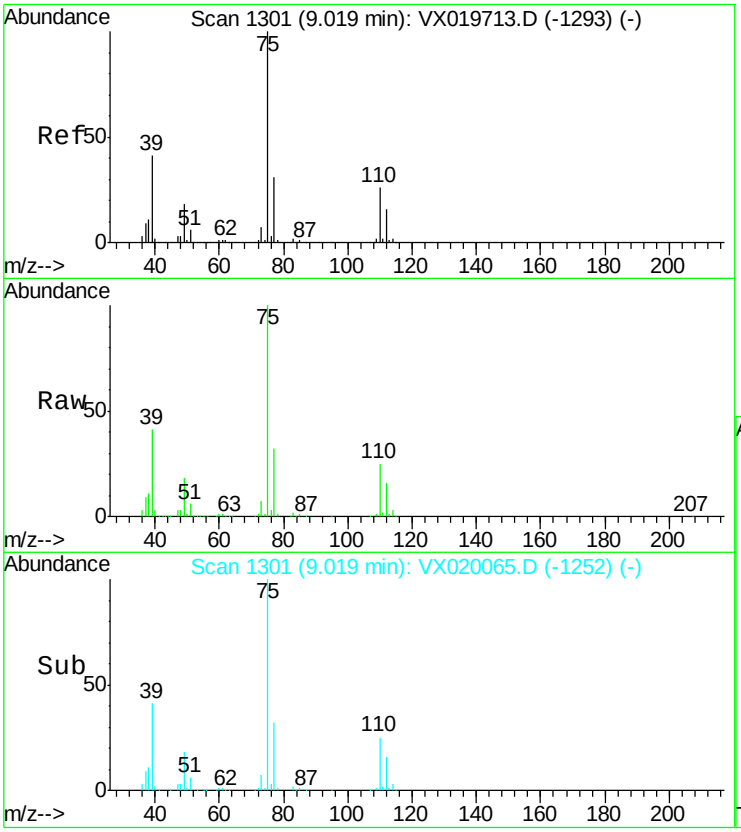




#52
Toluene
Concen: 52.264 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 92 Resp: 379894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 170.6 | 137.1 | 205.7 |



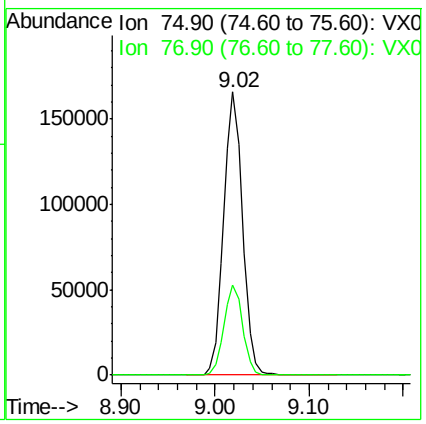


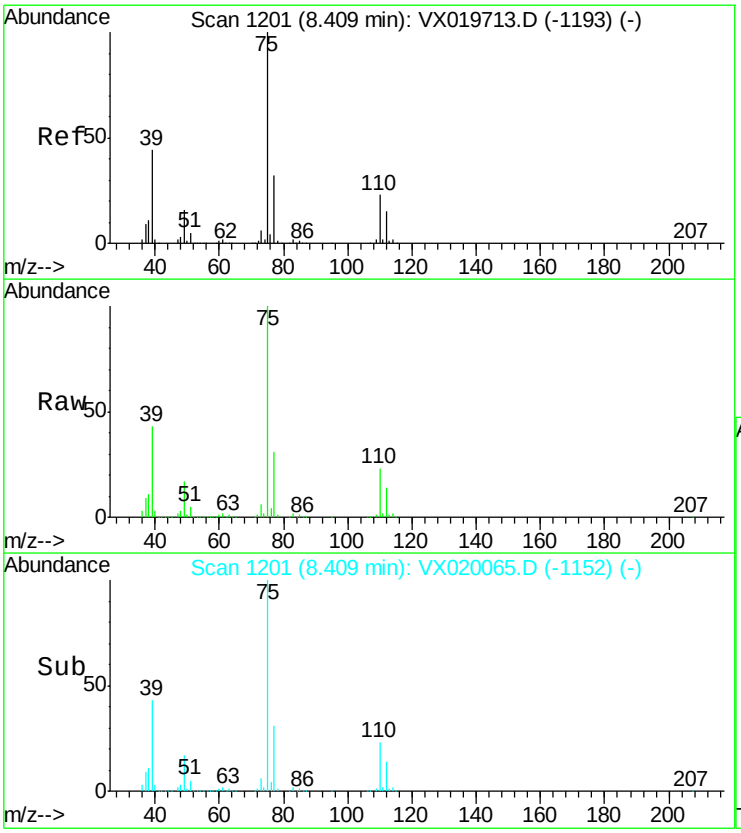

#53
t-1,3-Dichloropropene
Concen: 53.528 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 75 Resp: 231200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 24.9 | 37.3 |

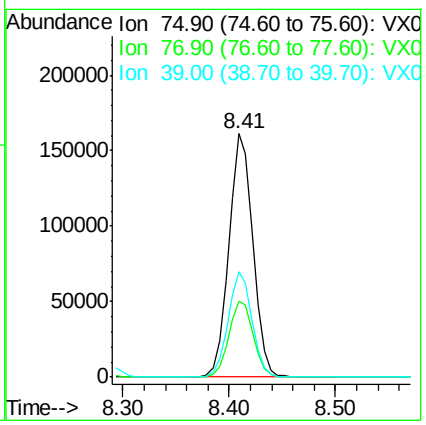


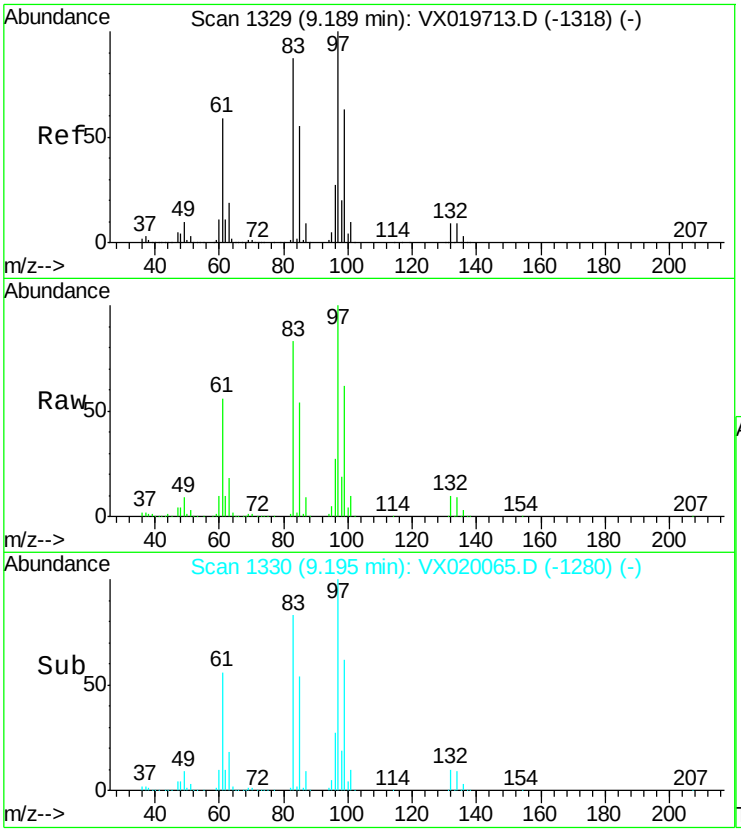




#54
cis-1,3-Dichloropropene
Concen: 54.250 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 75 Resp: 254566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.0 | 25.7 | 38.5 |
| 39 | 43.2 | 35.1 | 52.7 |



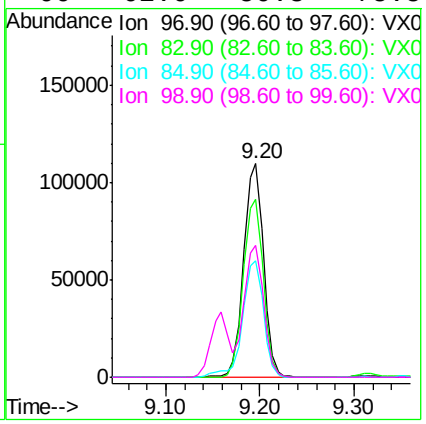


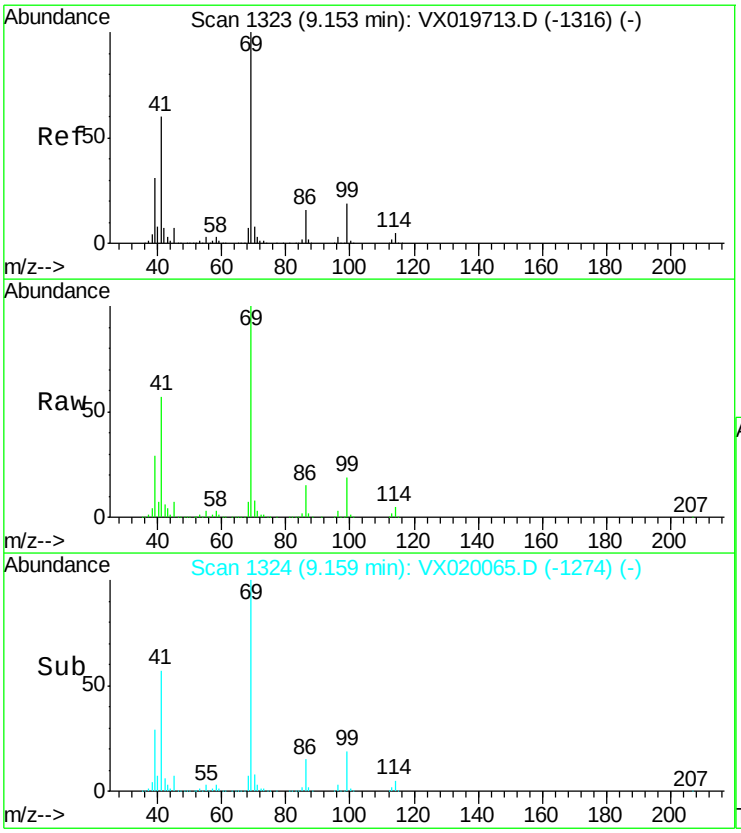

#55
1,1,2-Trichloroethane
Concen: 55.401 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 97 Resp: 162281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 83.3 | 69.3 | 103.9 |
| 85 | 54.4 | 44.3 | 66.5 |
| 99 | 62.0 | 50.3 | 75.5 |

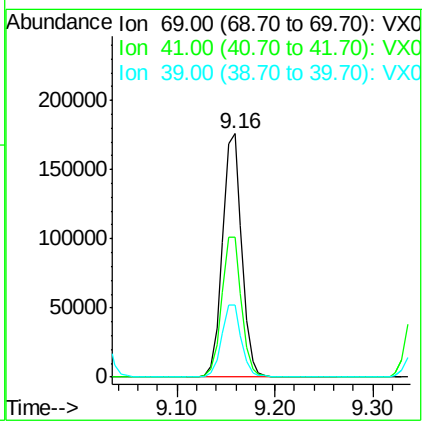


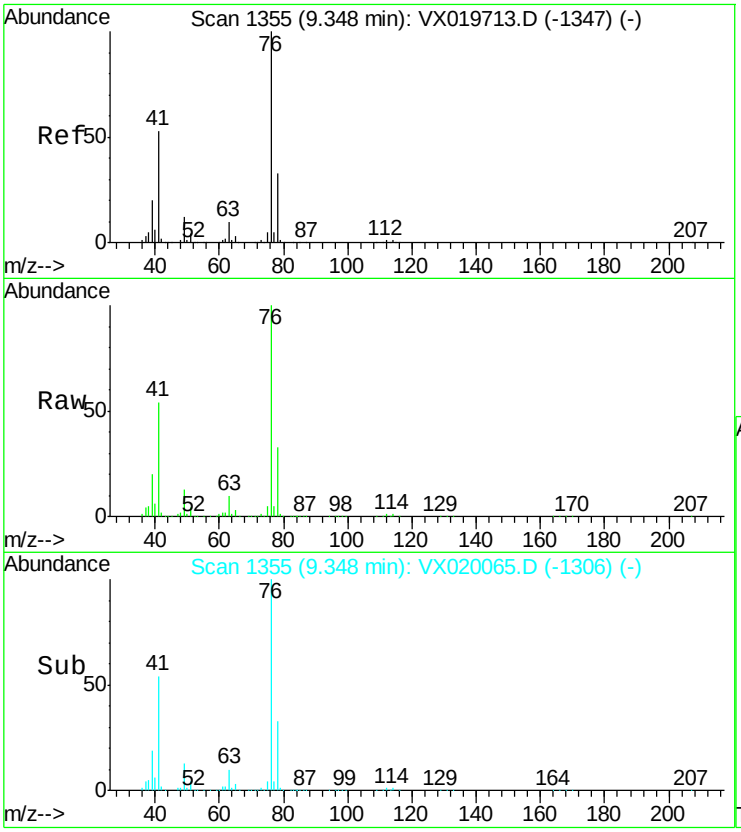




#56
Ethyl methacrylate
Concen: 54.344 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 69 Resp: 240842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 58.6 | 46.8 | 70.2 |
| 39 | 30.2 | 24.7 | 37.1 |



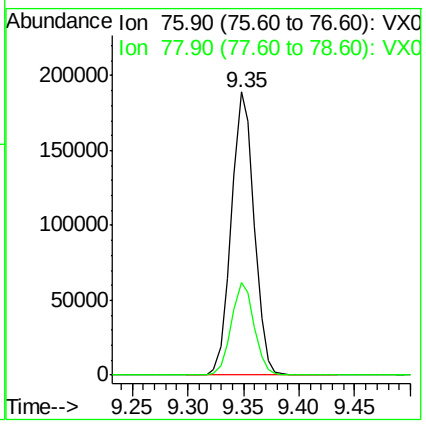


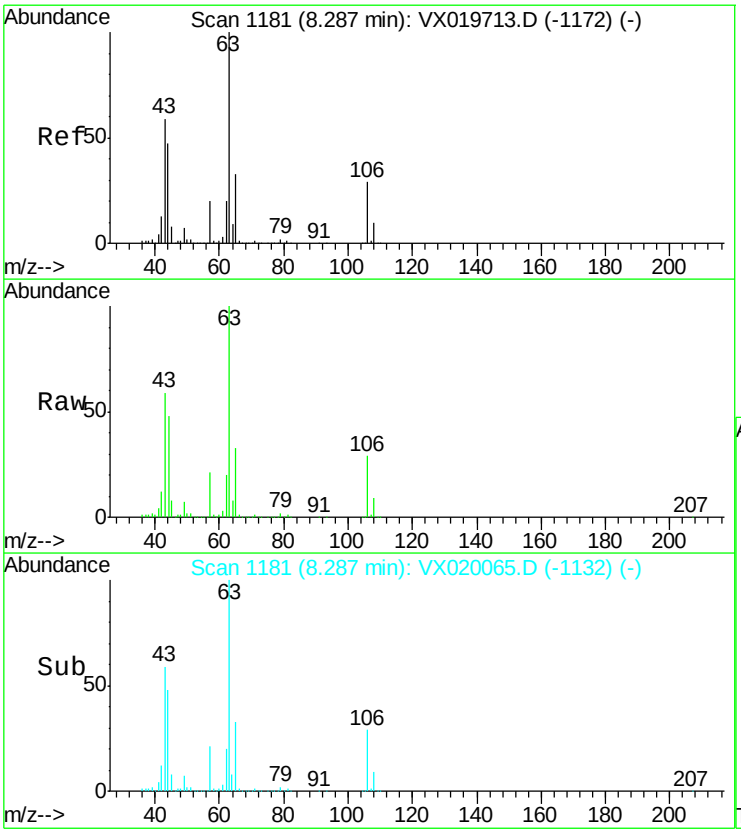

#57
1,3-Dichloropropane
Concen: 53.682 ug/l
RT: 9.35 min Scan# 1355
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 76 Resp: 268499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.6 | 26.2 | 39.2 |

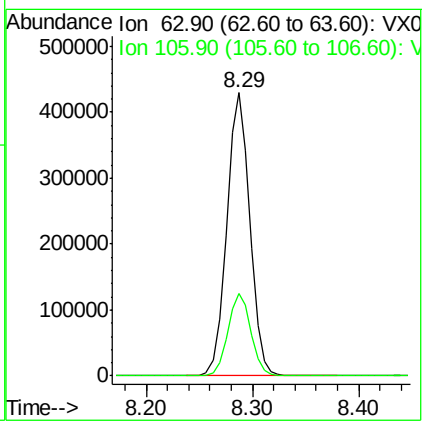


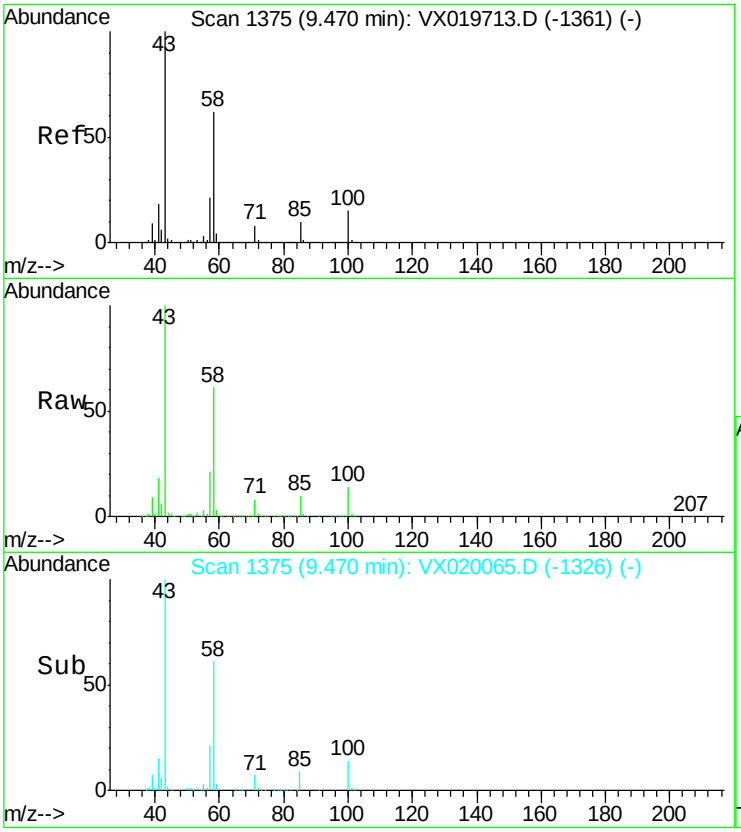




#58
2-Chloroethyl Vinyl ether
Concen: 276.759 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 63 Resp: 649772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.2 | 23.5 | 35.3 |



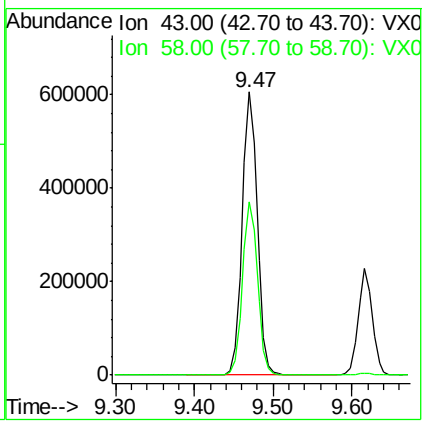


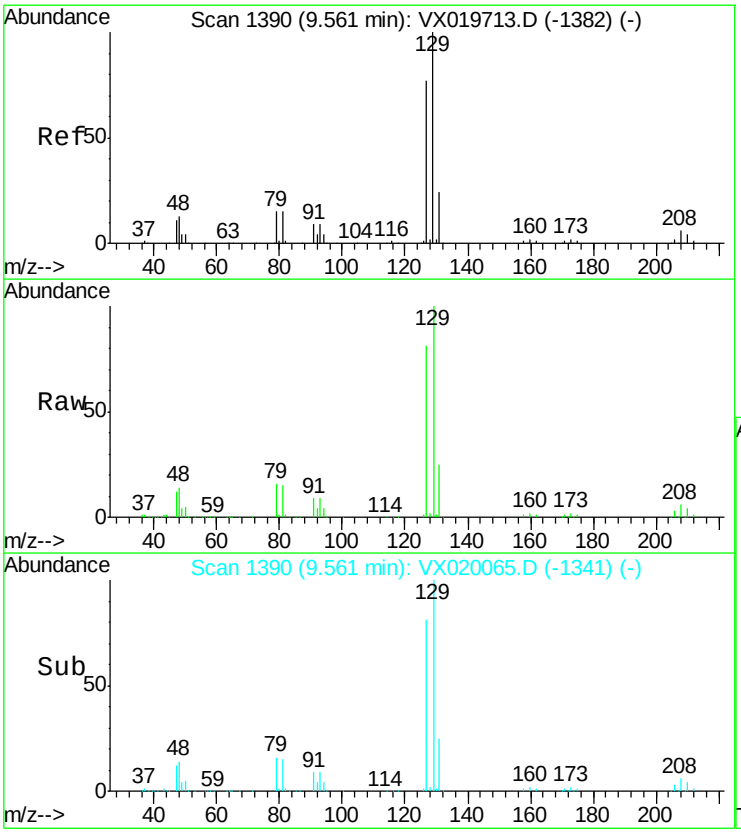

#59
2-Hexanone
Concen: 273.065 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 43 Resp: 807052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 61.3 | 30.9 | 92.8 |

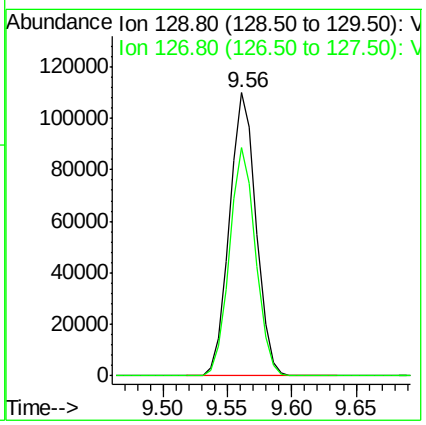


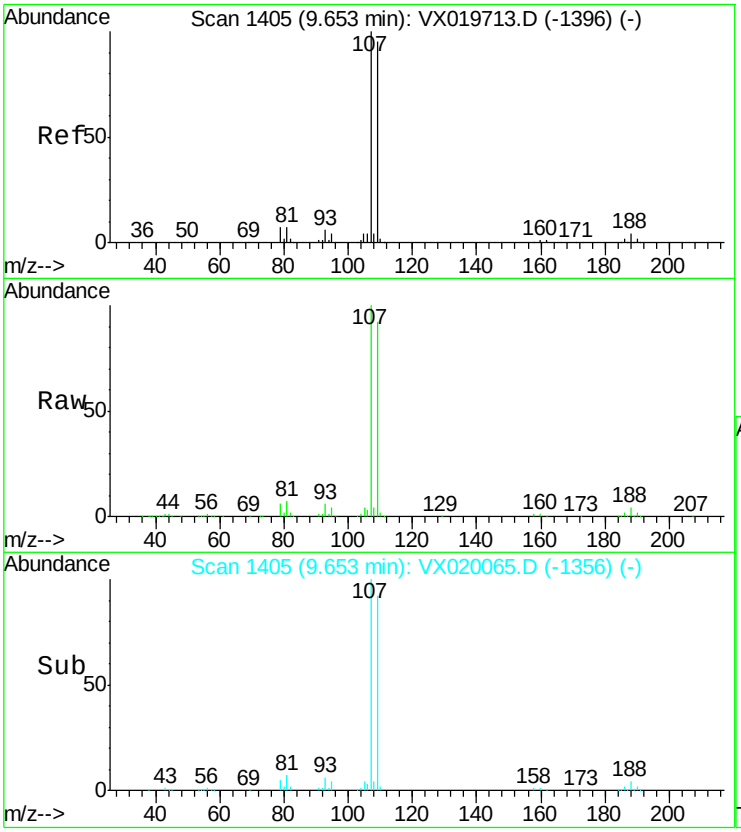




#60
Dibromochloromethane
Concen: 53.538 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion:129 Resp: 159333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.8 | 38.4 | 115.2 |



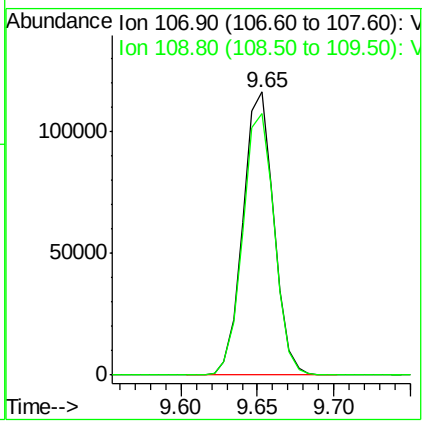


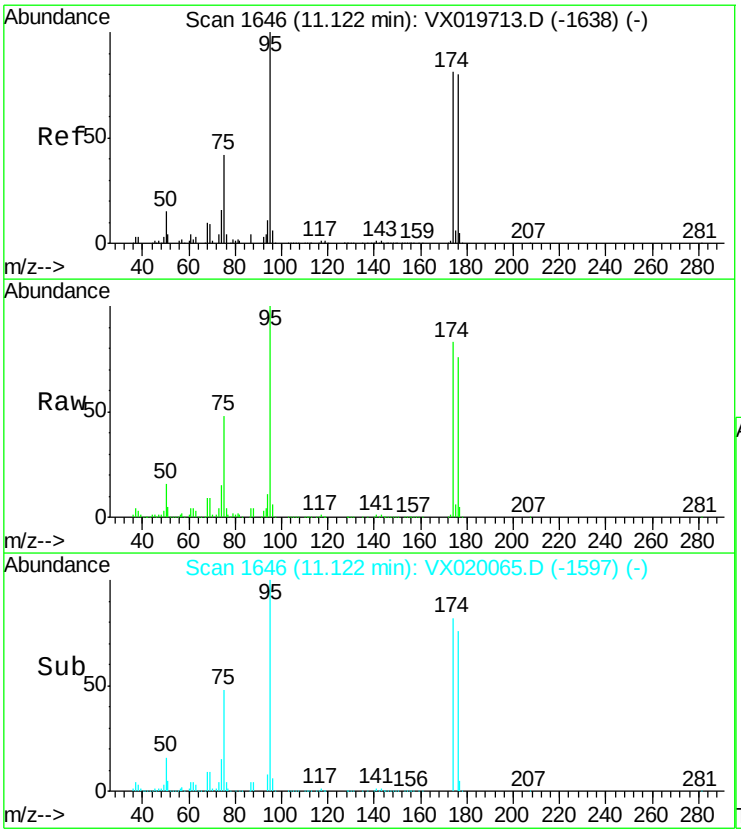

#61
1,2-Dibromoethane
Concen: 52.241 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion:107 Resp: 162495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.9 | 75.8 | 113.6 |

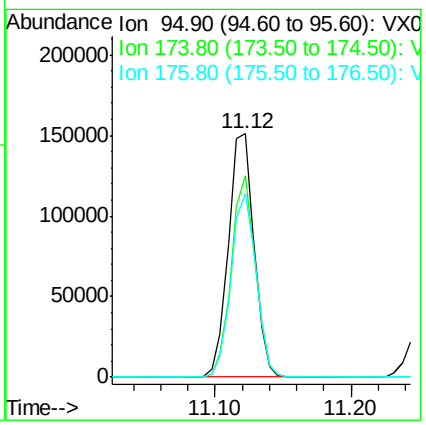


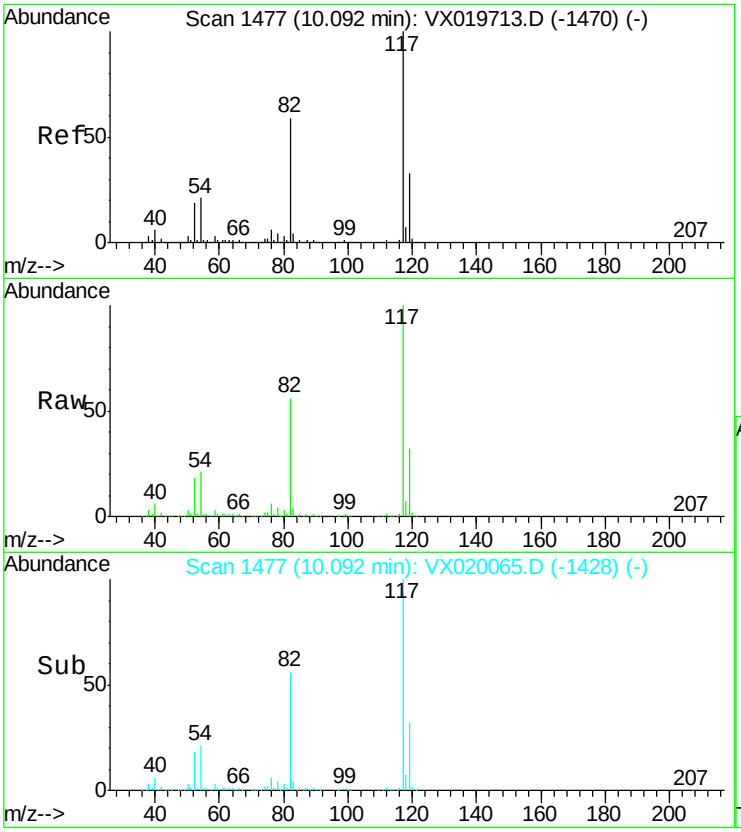




#62
4-Bromofluorobenzene
Concen: 50.112 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 95 Resp: 198141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 78.1 | 0.0 | 154.6 |
| 176 | 74.0 | 0.0 | 155.8 |



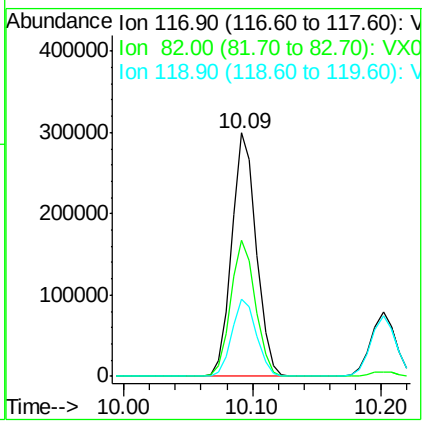


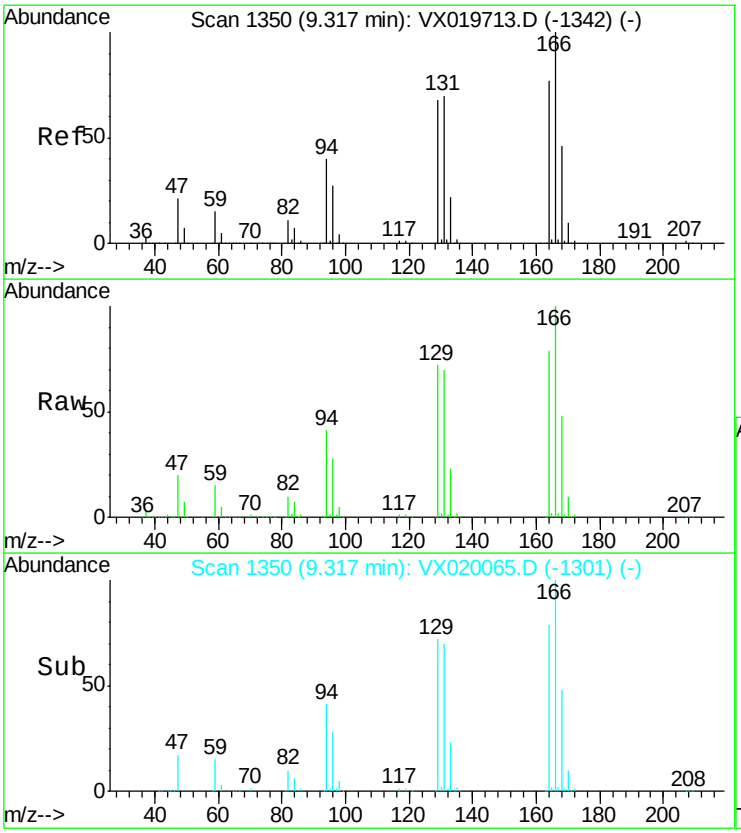

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion:117 Resp: 398801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.1 | 47.4 | 71.2 |
| 119 | 31.7 | 26.6 | 39.8 |

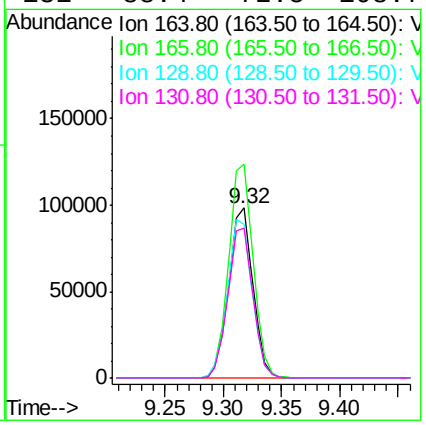


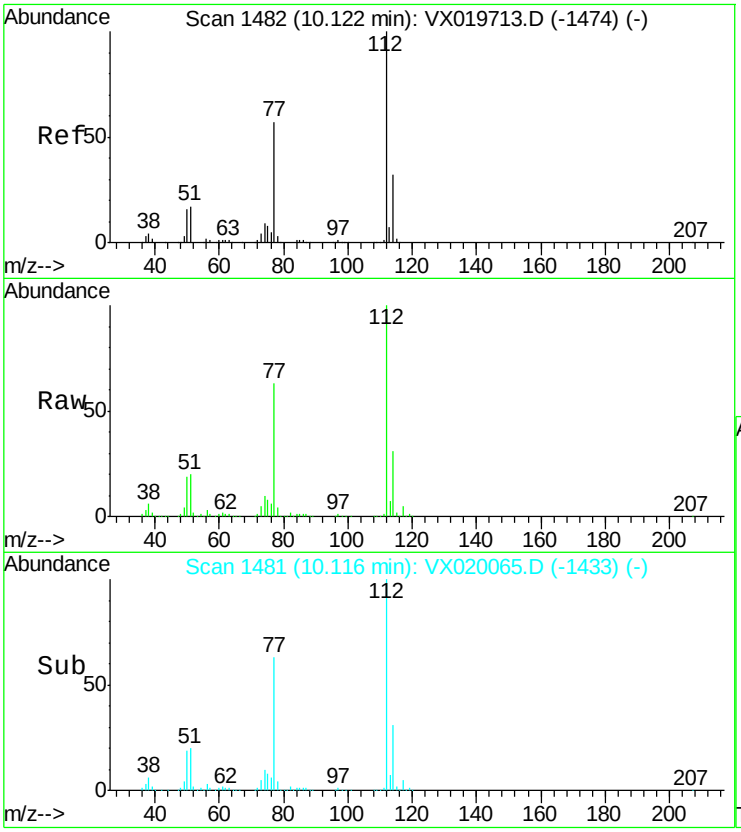




#64
Tetrachloroethene
Concen: 53.437 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion:164 Resp: 142915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 125.9 | 103.4 | 155.2 |
| 129 | 90.4 | 70.8 | 106.2 |
| 131 | 88.4 | 72.5 | 108.7 |



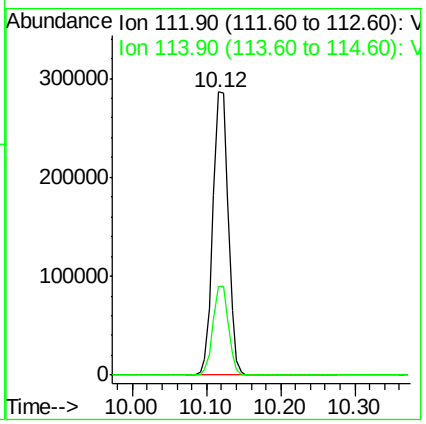


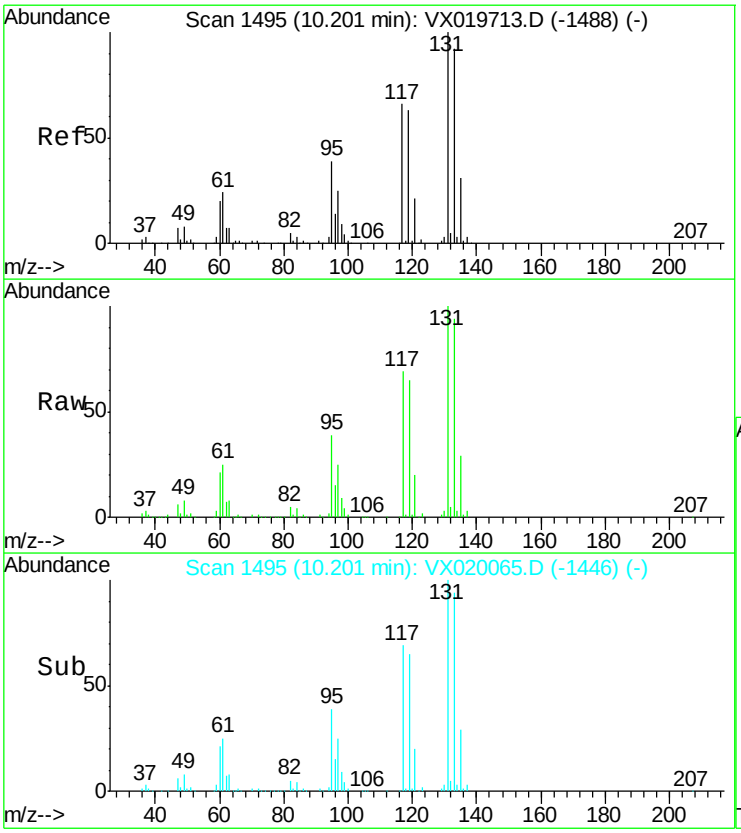

#65
Chlorobenzene
Concen: 50.930 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion:112 Resp: 404647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.5 | 25.8 | 38.6 |

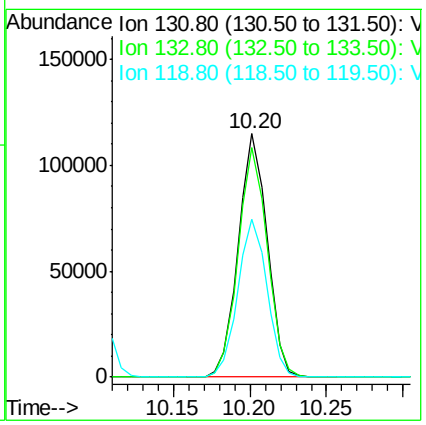


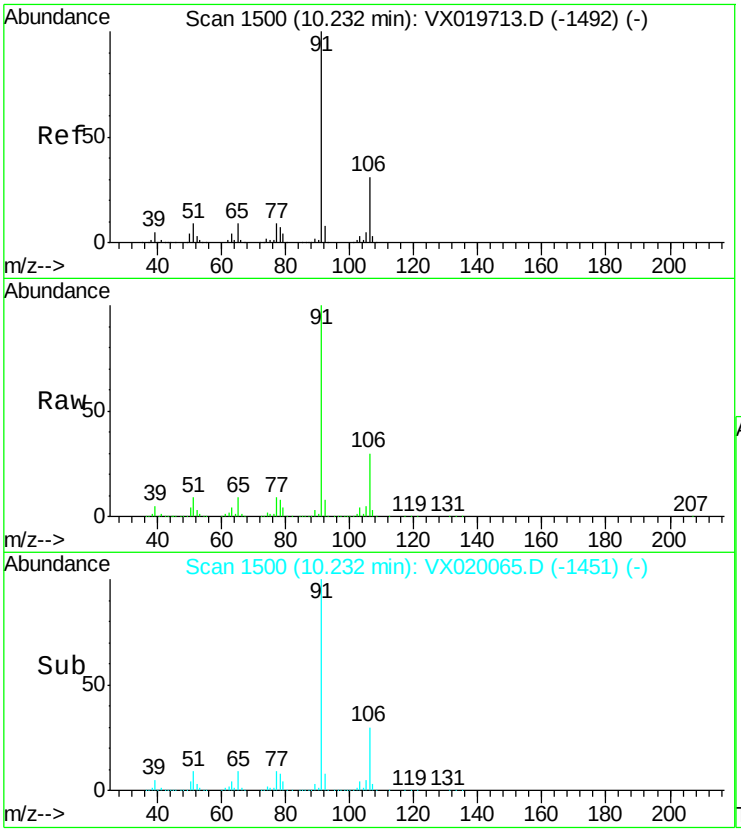




#66
1,1,1,2-Tetrachloroethane
Concen: 52.811 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion:131 Resp: 151024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.0 | 47.7 | 143.1 |
| 119 | 65.8 | 32.1 | 96.5 |



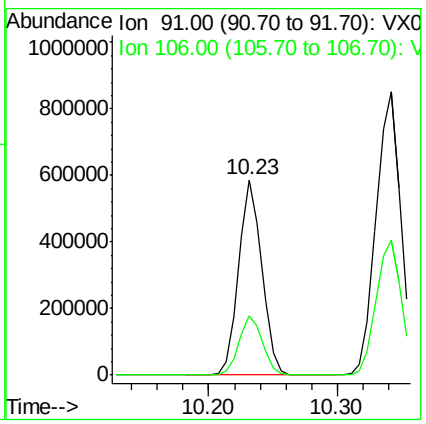


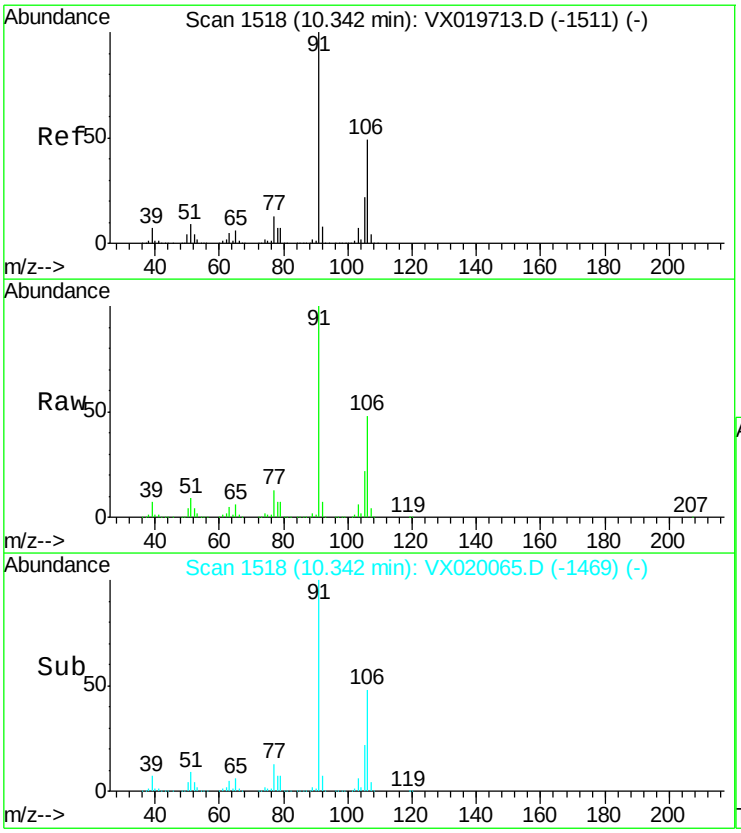

#67
Ethyl Benzene
Concen: 51.811 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 91 Resp: 730698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.4 | 24.6 | 37.0 |

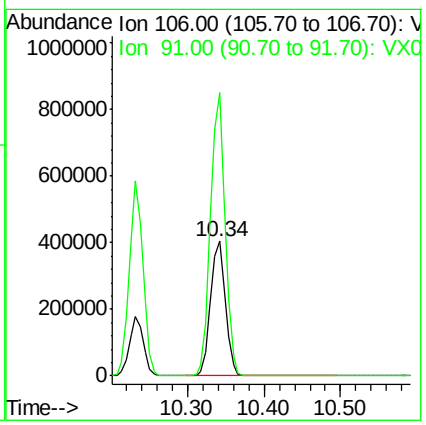


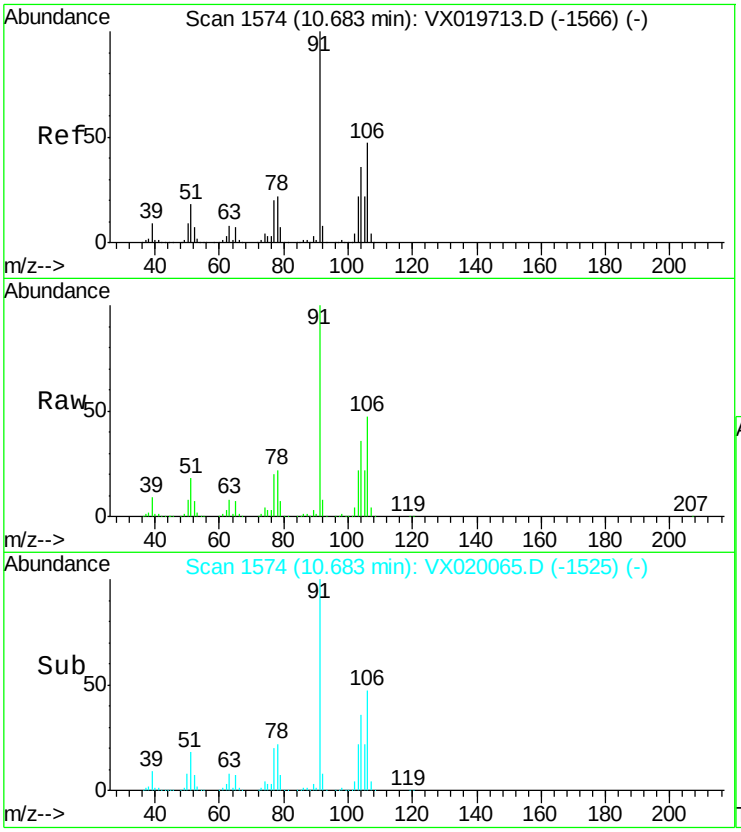




#68
m/p-Xylenes
Concen: 102.739 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion:106 Resp: 545984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 206.9 | 162.8 | 244.2 |



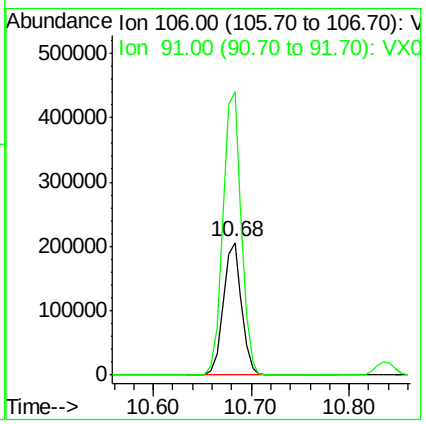


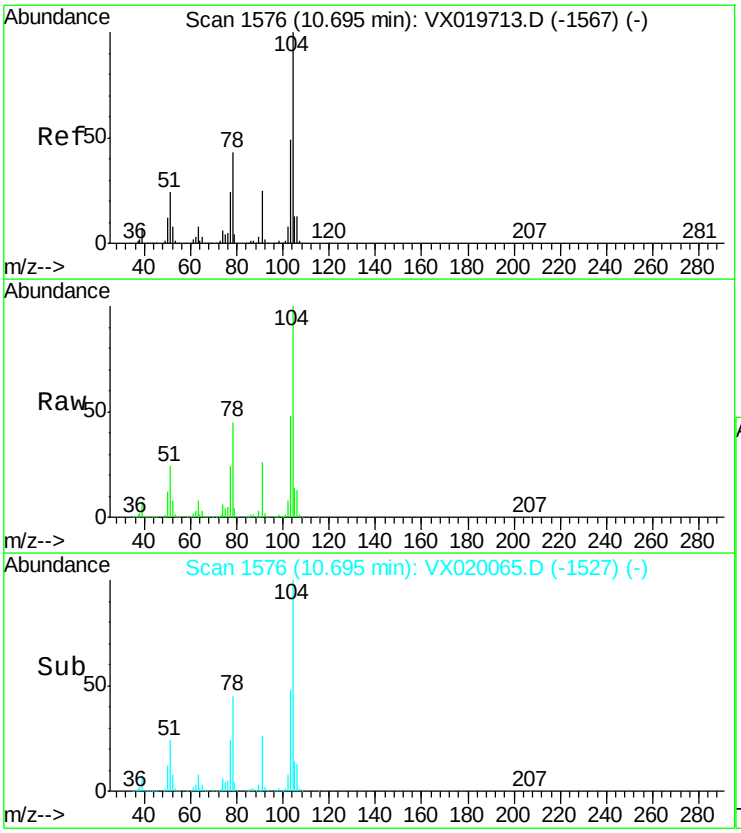

#69
o-Xylene
Concen:  51.237 ug/l
RT: 10.68 min  Scan# 1574
Delta R.T.  -0.00 min
Lab File:  VX020065.D
Acq: 16 Dec 2020  15:06

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

Tgt Ion:106 Resp:  261925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 218.4 | 108.1 | 324.2 |

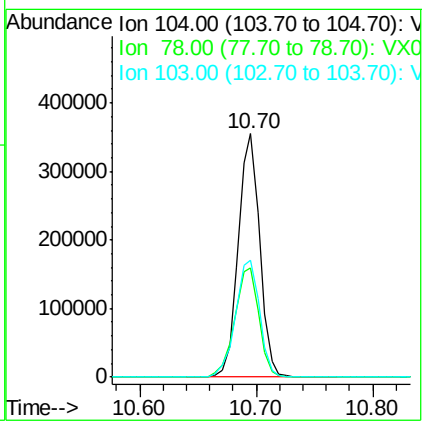


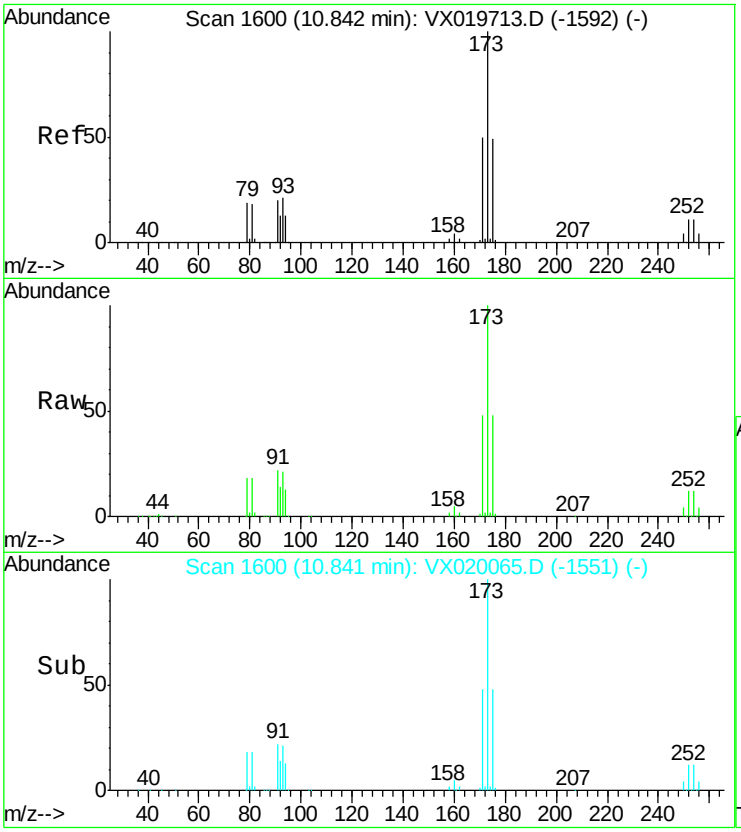




#70
Styrene
Concen:  53.019 ug/l
RT: 10.70 min  Scan# 1576
Delta R.T.  -0.00 min
Lab File:  VX020065.D
Acq: 16 Dec 2020  15:06

Tgt Ion:104 Resp:  457476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 50.5 | 40.0 | 60.0 |
| 103 | 53.7 | 43.4 | 65.0 |



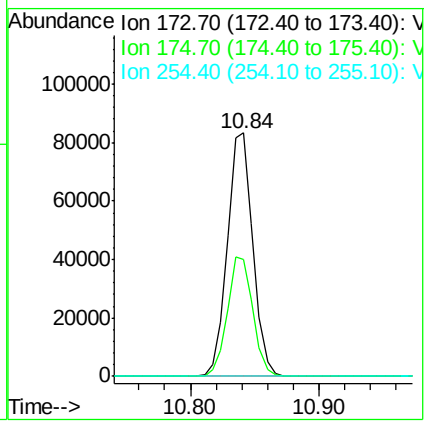


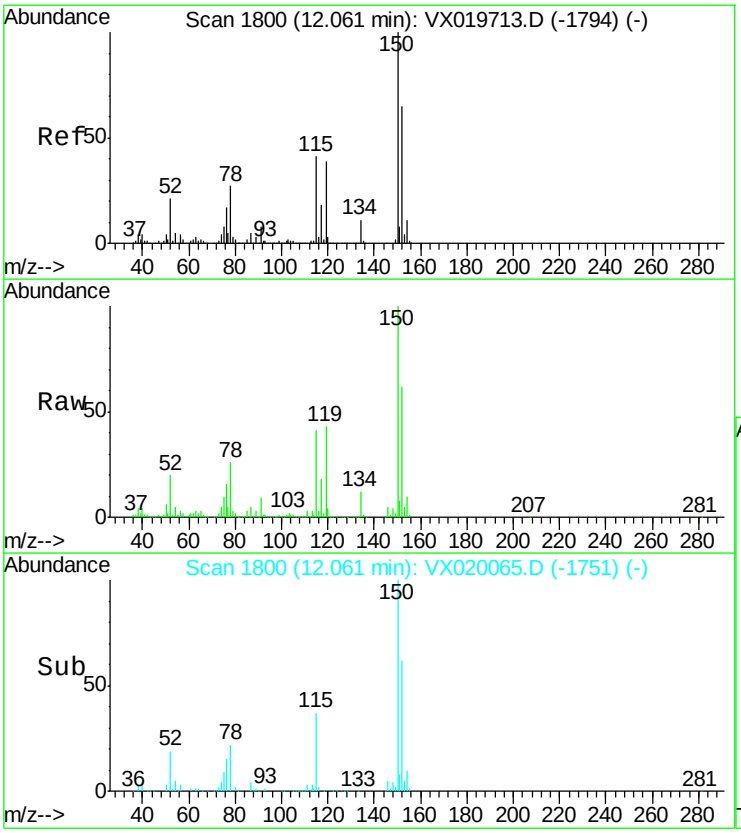

#71
Bromoform
Concen: 51.330 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion:173 Resp: 115475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.2 | 23.9 | 71.8 |
| 254 | 0.1 | 0.1 | 0.1# |

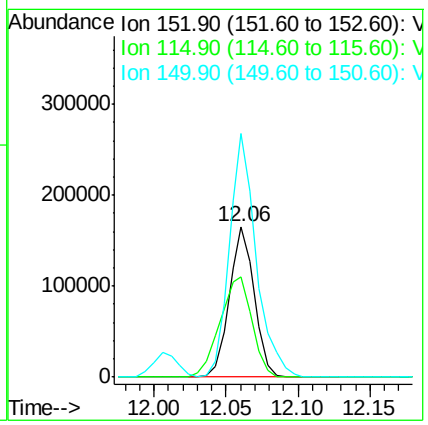


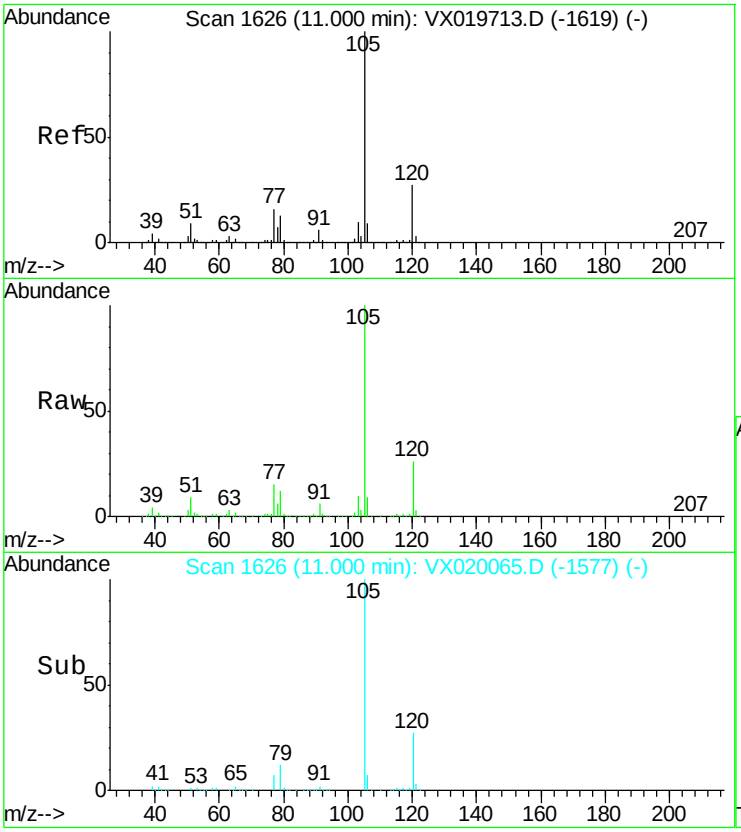




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion:152 Resp: 200107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 85.4 | 41.1 | 123.3 |
| 150 | 174.4 | 0.0 | 349.0 |



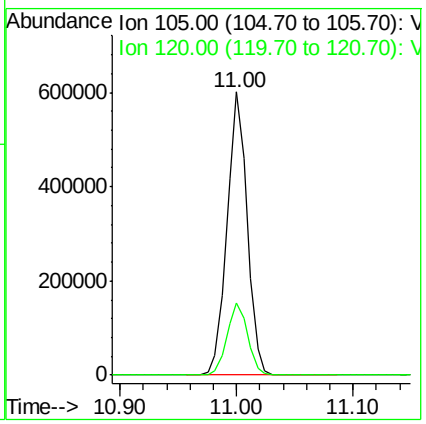


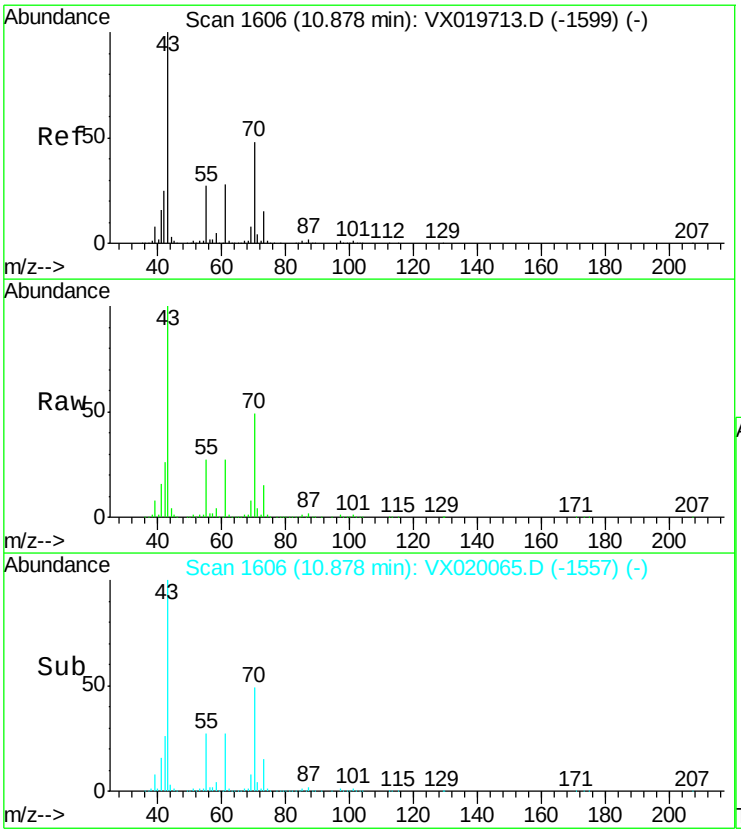

#73
Isopropylbenzene
Concen: 52.669 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion:105 Resp: 720046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.0 | 13.2 | 39.6 |

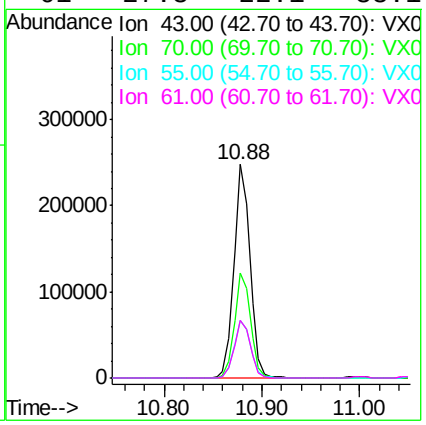


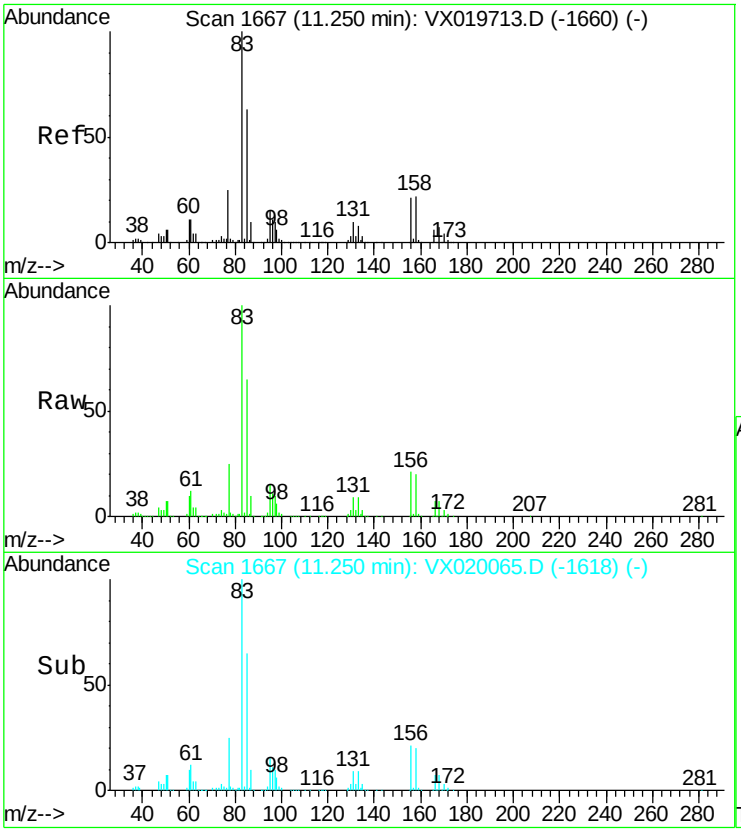




#74
N-amyl acetate
Concen: 51.764 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 43 Resp: 283598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 49.2 | 39.0 | 58.6 |
| 55 | 27.9 | 21.5 | 32.3 |
| 61 | 27.3 | 22.1 | 33.1 |



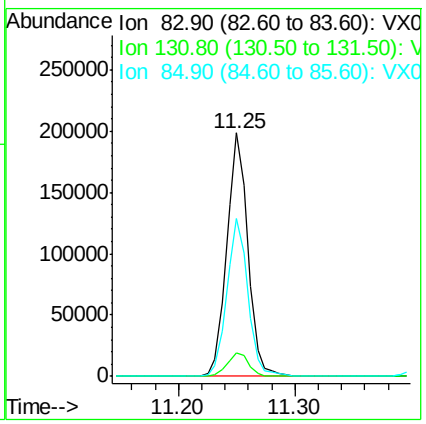


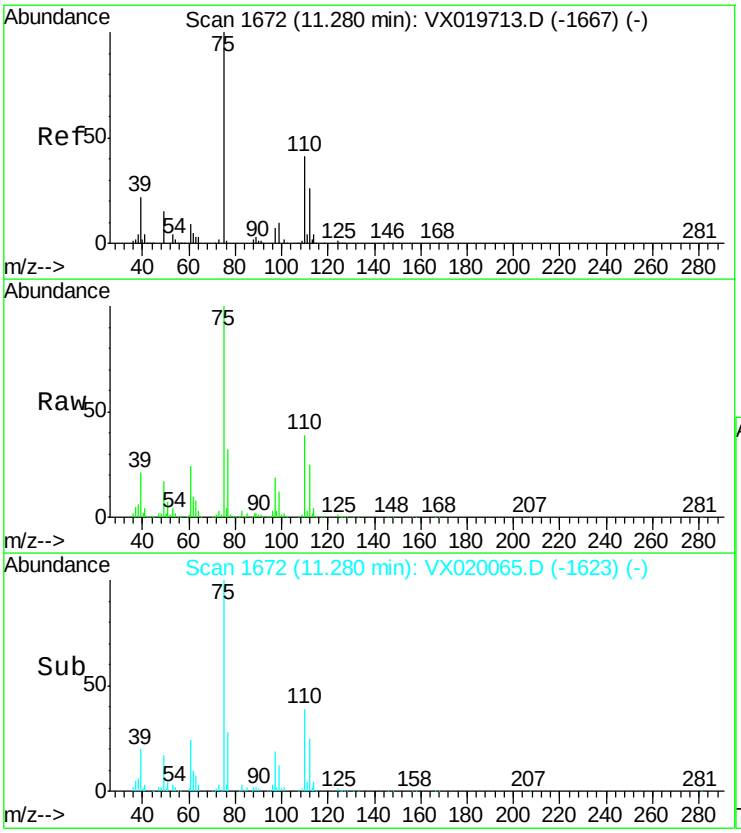

#75
1,1,2,2-Tetrachloroethane
Concen: 51.877 ug/l
RT: 11.25 min Scan# 1667
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 83 Resp: 250044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.9 | 5.1 | 15.2 |
| 85 | 64.9 | 31.8 | 95.4 |

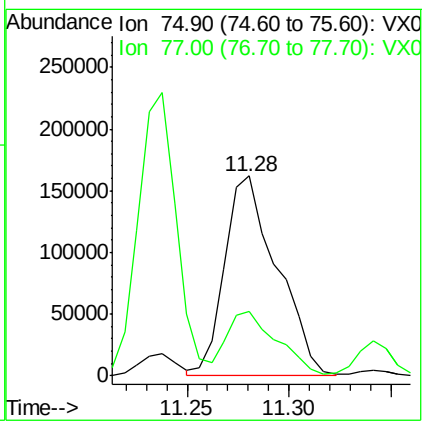


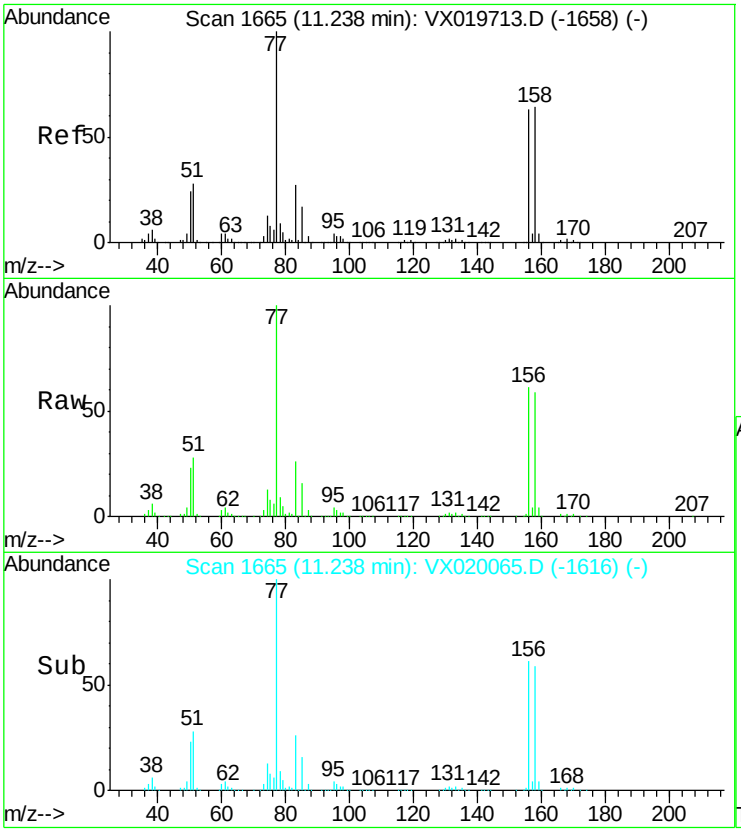




#76
1,2,3-Trichloropropane
Concen: 64.147 ug/l
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 75 Resp: 287895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.9 | 19.1 | 57.5 |



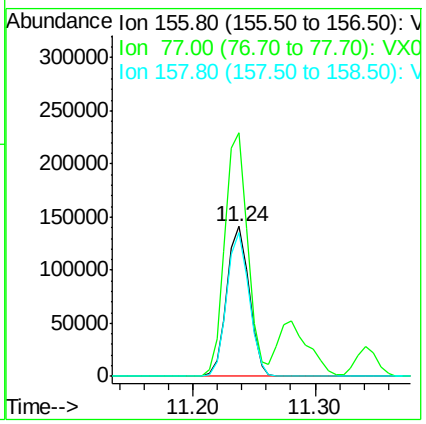


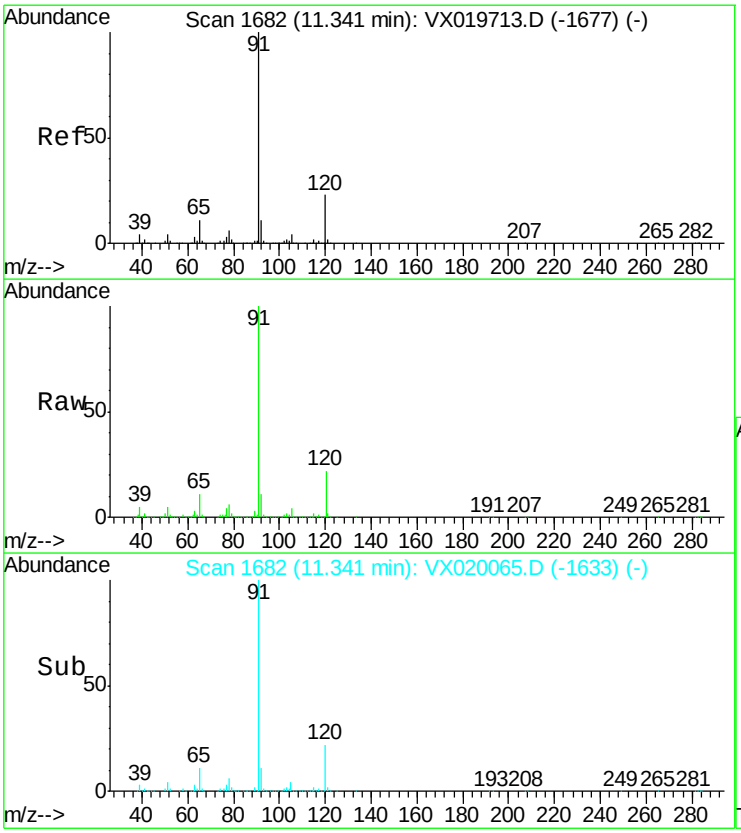

#77
Bromobenzene
Concen: 50.901 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion:156 Resp: 178082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 168.1 | 82.8 | 248.6 |
| 158 | 96.0 | 49.1 | 147.4 |

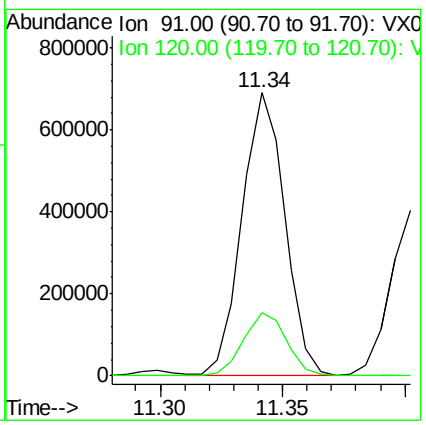


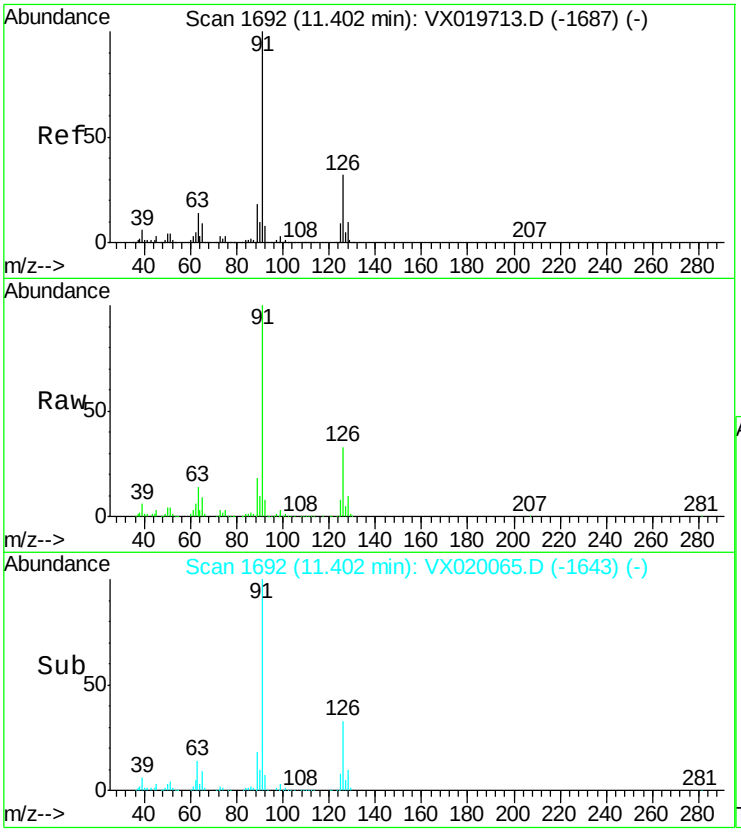




#78
n-propylbenzene
Concen: 53.706 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 91 Resp: 838595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.6 | 11.5 | 34.5 |



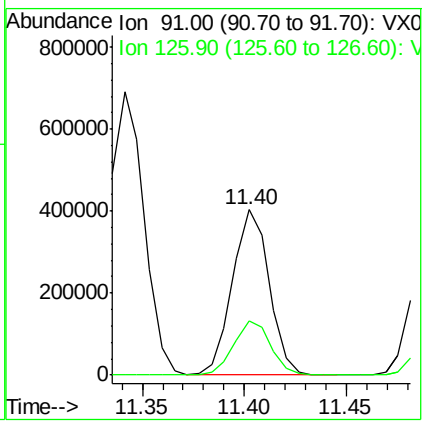


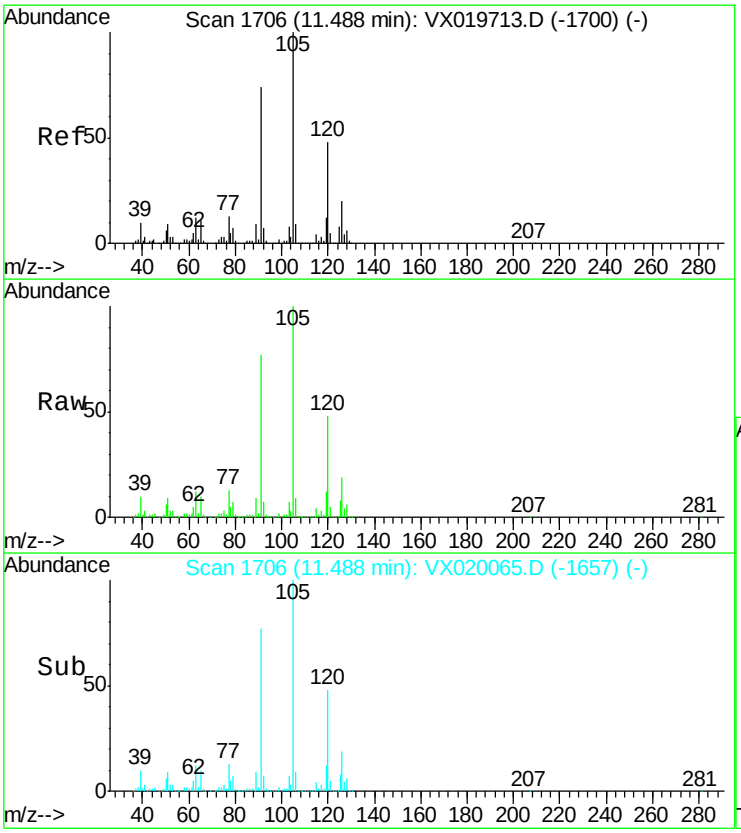

#79
2-Chlorotoluene
Concen: 52.213 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 91 Resp: 502066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.9 | 16.6 | 49.8 |

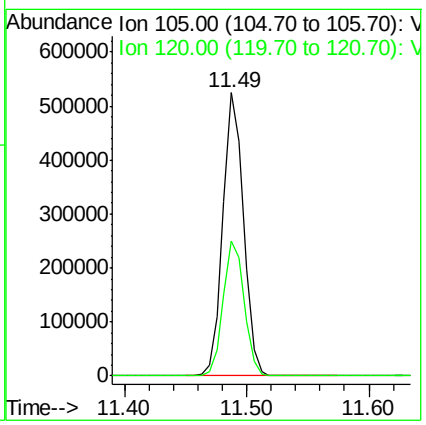


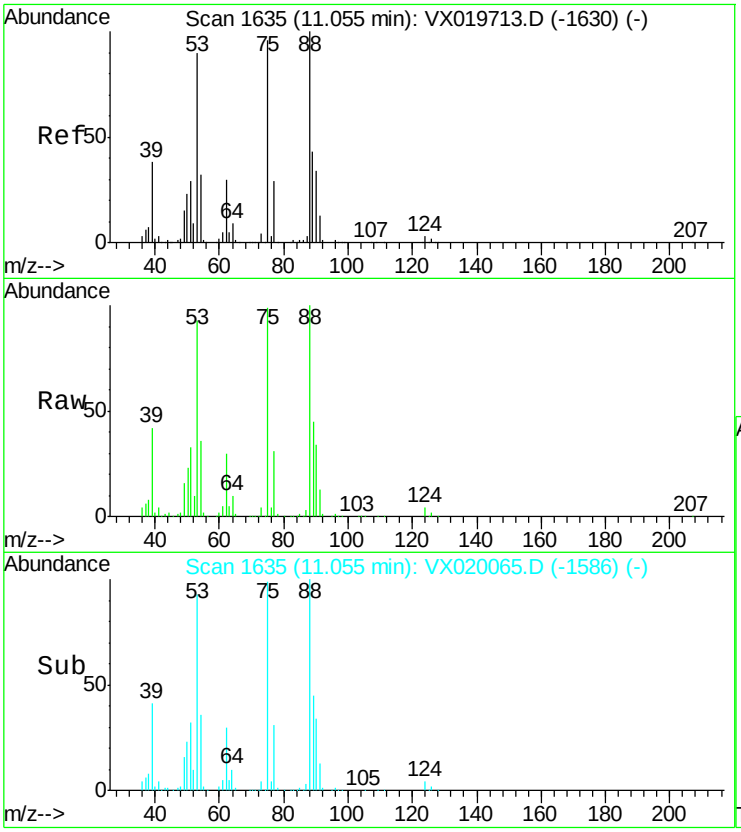




#80
1,3,5-Trimethylbenzene
Concen: 53.076 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion:105 Resp: 612391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.6 | 23.8 | 71.5 |



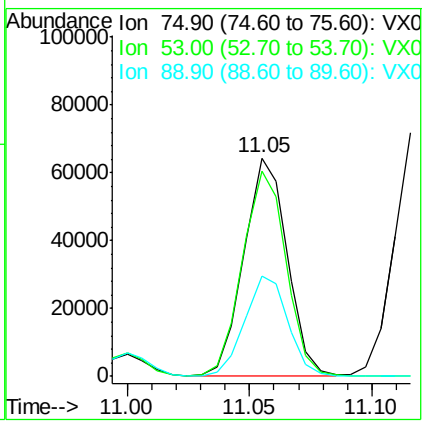


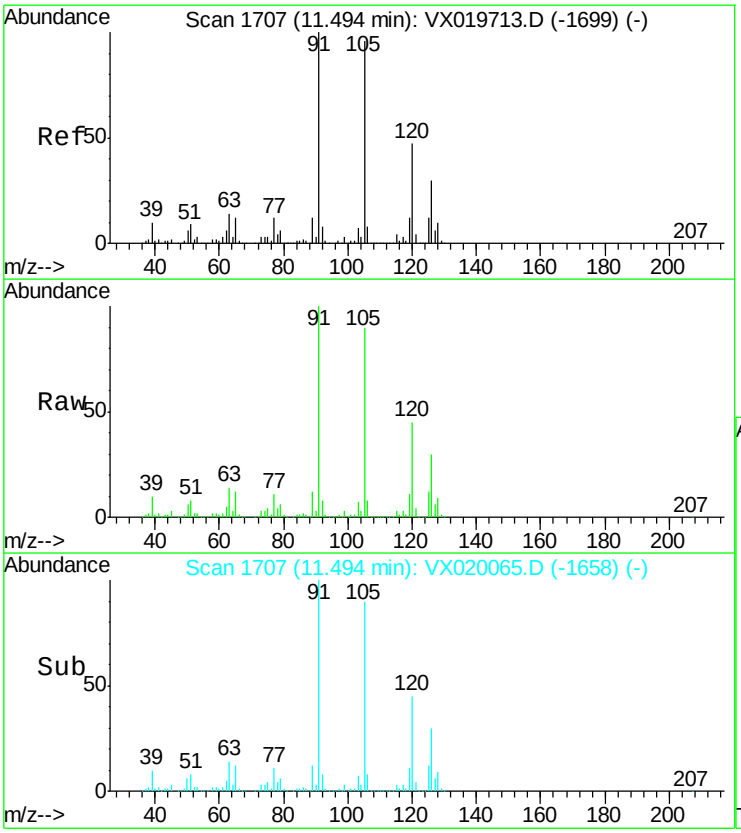

#81
trans-1,4-Dichloro-2-butene
Concen: 51.115 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 75 Resp: 79357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 94.8 | 74.5 | 111.7 |
| 89 | 46.3 | 37.9 | 56.9 |

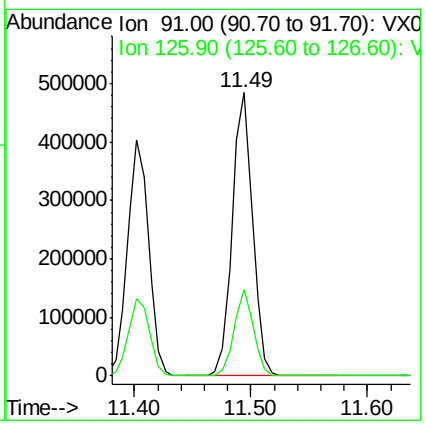


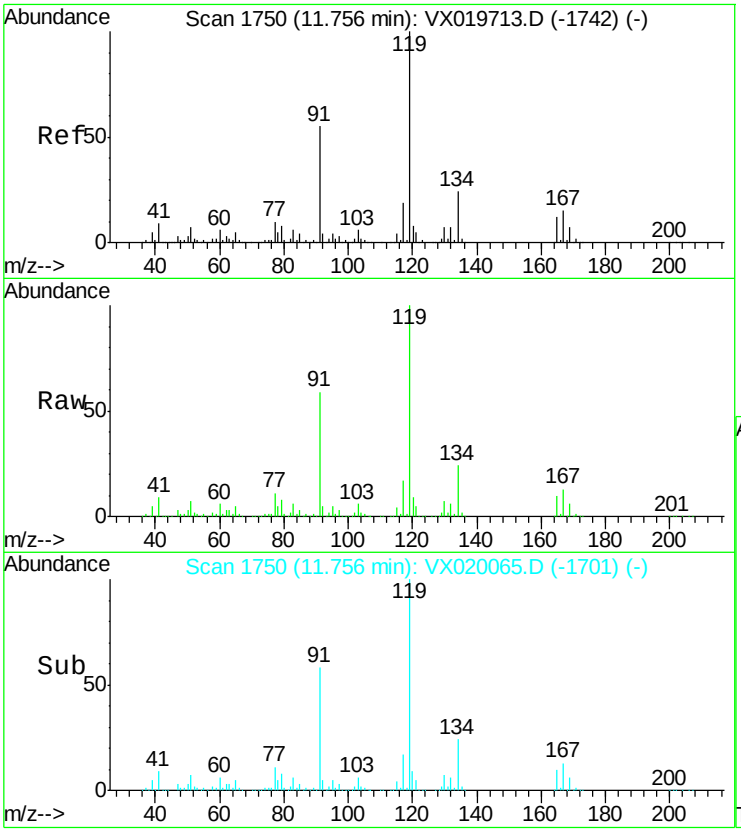




#82
4-Chlorotoluene
Concen: 52.490 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 91 Resp: 591134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.1 | 14.9 | 44.5 |



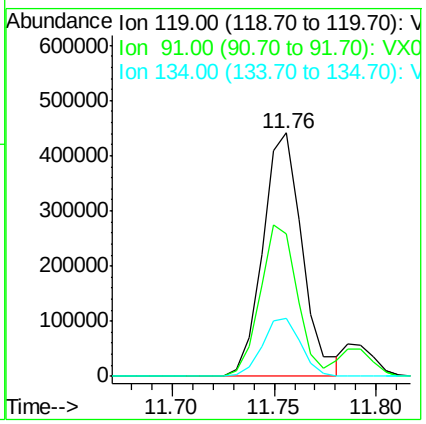


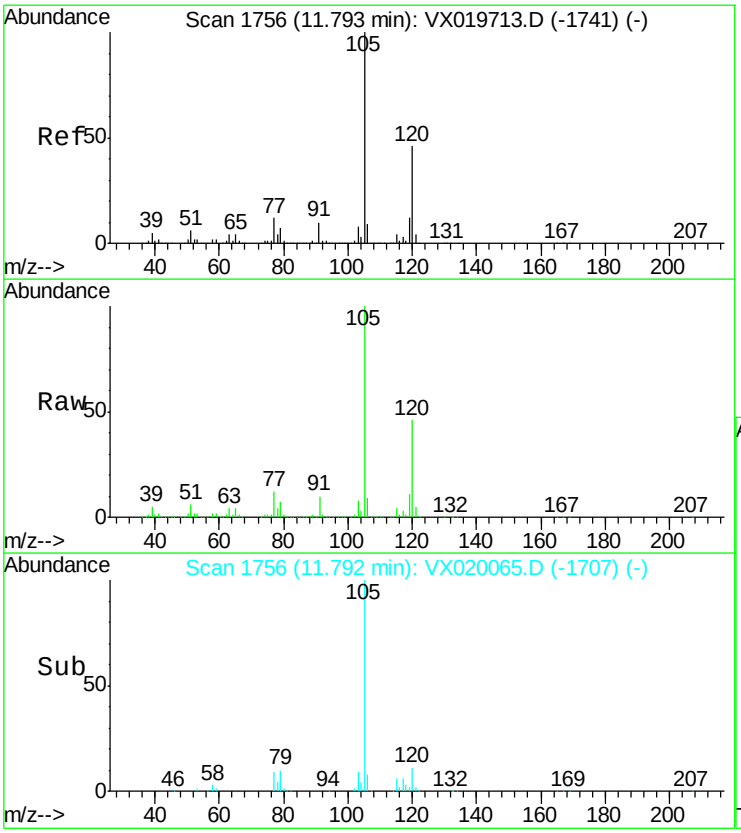

#83
tert-Butylbenzene
Concen: 52.468 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion:119 Resp: 593727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 58.7 | 27.9 | 83.7 |
| 134 | 23.0 | 11.3 | 33.9 |

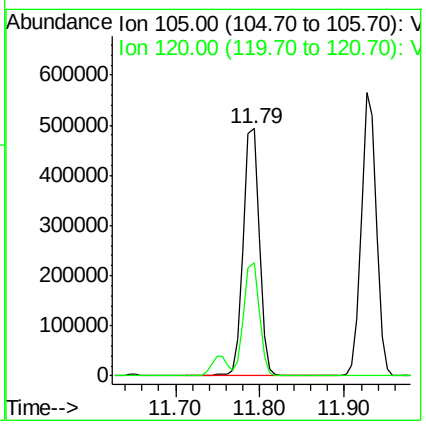


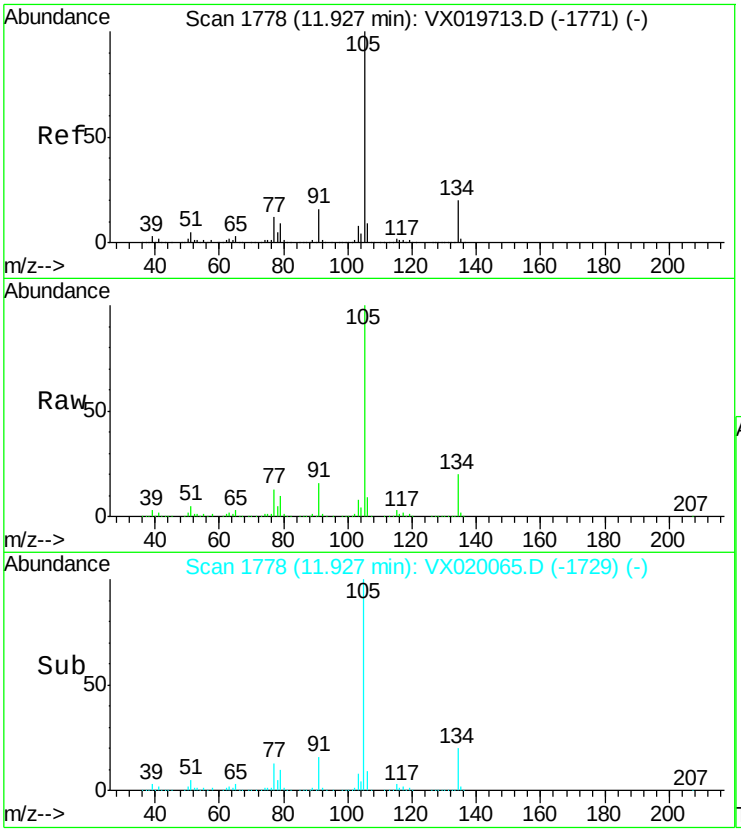




#84
1,2,4-Trimethylbenzene
Concen: 53.347 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion:105 Resp: 620023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.4 | 22.4 | 67.3 |



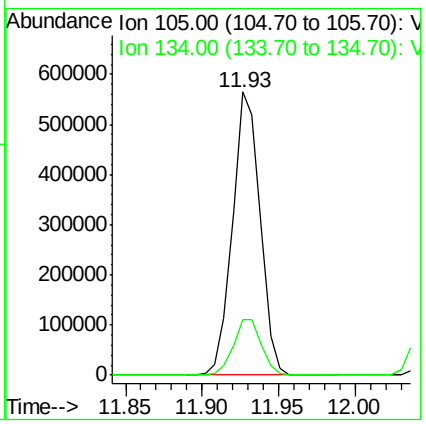


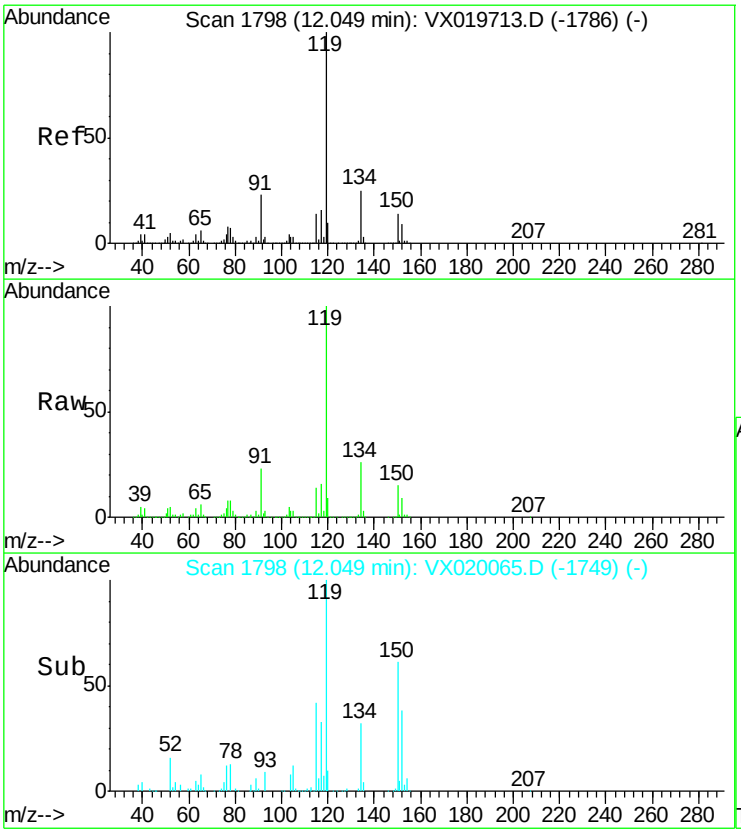

#85
sec-Butylbenzene
Concen: 54.351 ug/l
RT: 11.93 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion:105 Resp: 702198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.1 | 10.0 | 29.8 |

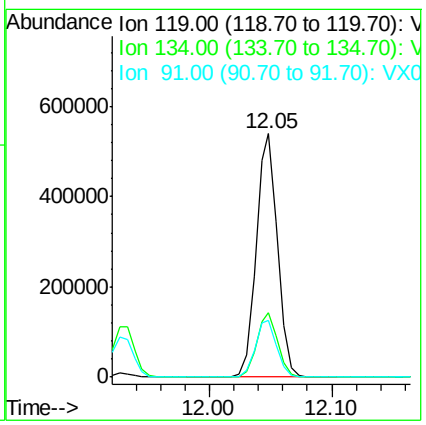


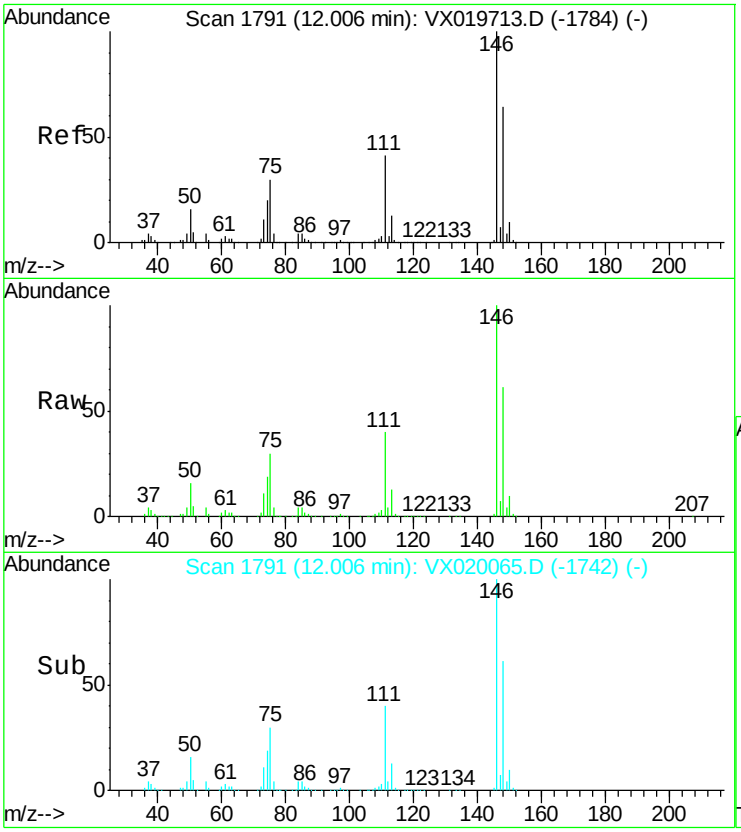




#86
p-Isopropyltoluene
Concen: 55.282 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion:119 Resp: 654575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.9 | 12.9 | 38.7 |
| 91 | 23.5 | 11.7 | 35.0 |



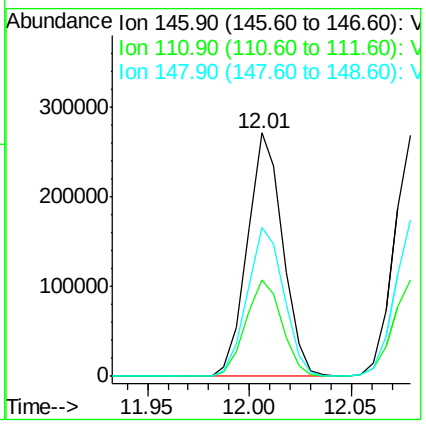


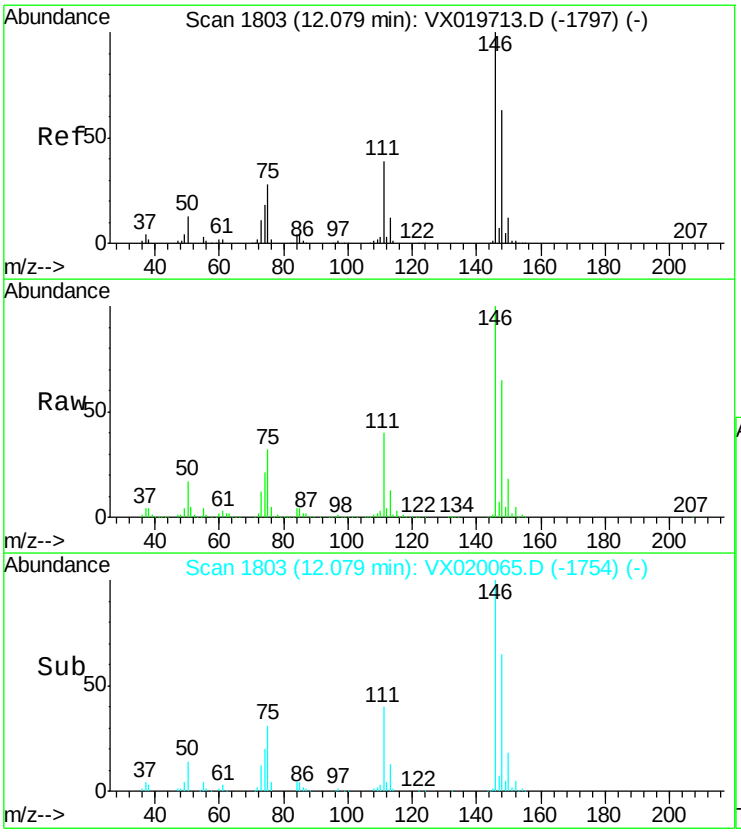

#87
1,3-Dichlorobenzene
Concen: 51.192 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion:146 Resp: 328716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.6 | 20.2 | 60.5 |
| 148 | 63.1 | 31.9 | 95.7 |

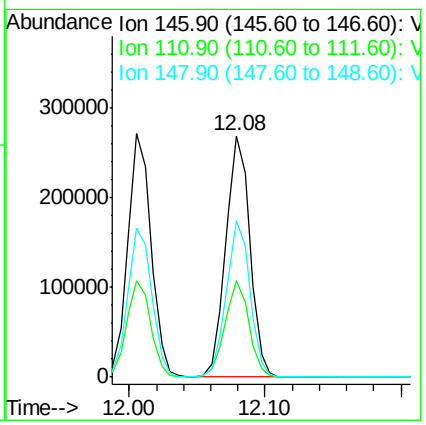


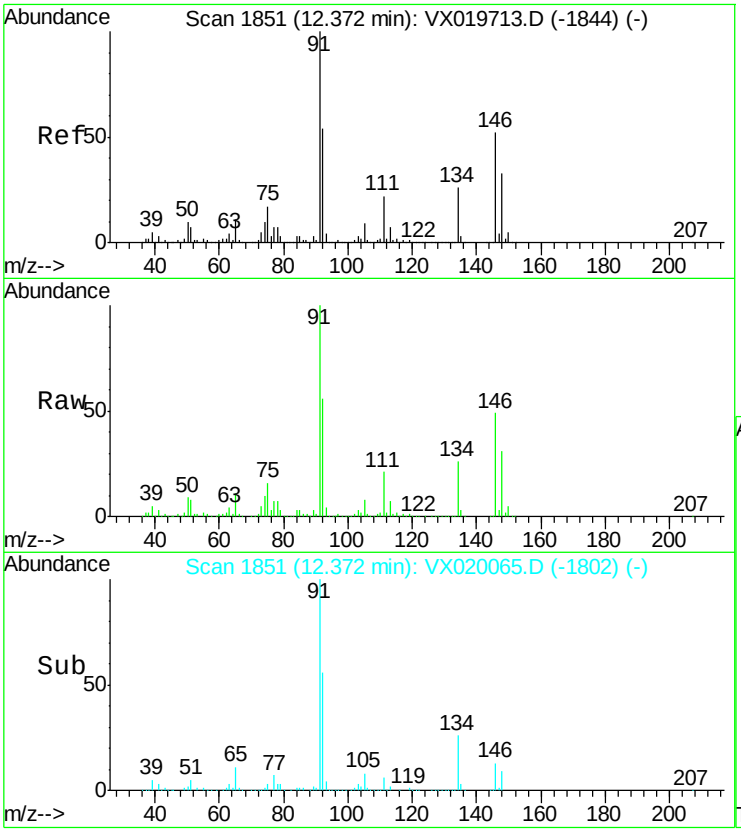




#88
1,4-Dichlorobenzene
Concen: 50.382 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion:146 Resp: 329510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.7 | 19.6 | 58.8 |
| 148 | 63.7 | 31.6 | 95.0 |



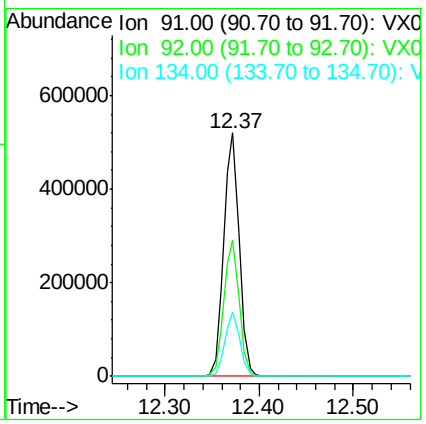


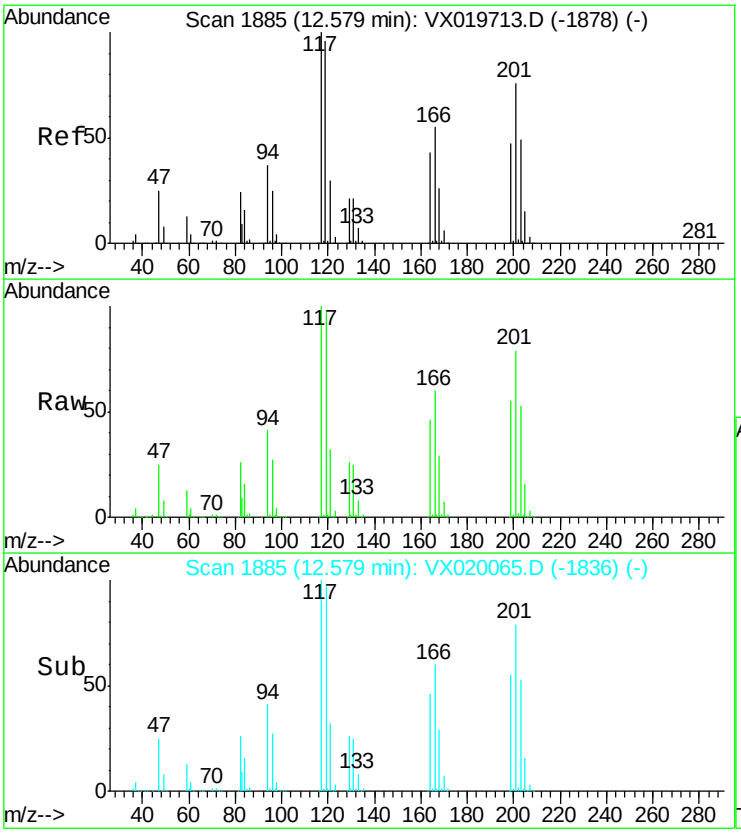

#89
n-Butylbenzene
Concen: 56.054 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion: 91 Resp: 588027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 55.0 | 27.4 | 82.0 |
| 134 | 25.6 | 13.2 | 39.5 |

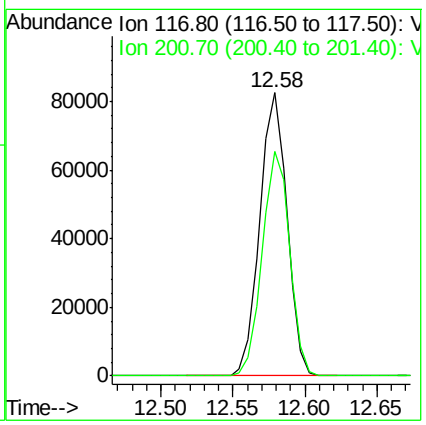


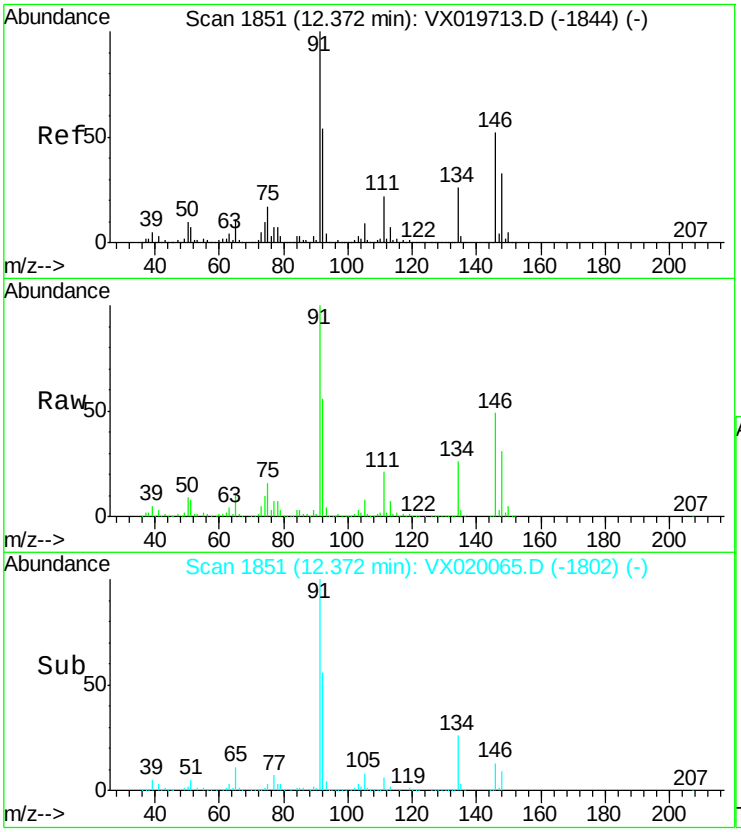




#90
Hexachloroethane
Concen: 52.511 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion:117 Resp: 107344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 79.8 | 40.4 | 121.2 |



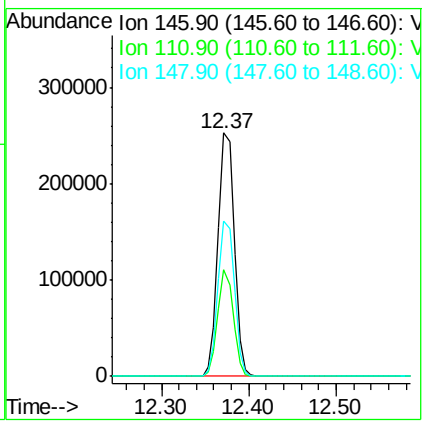


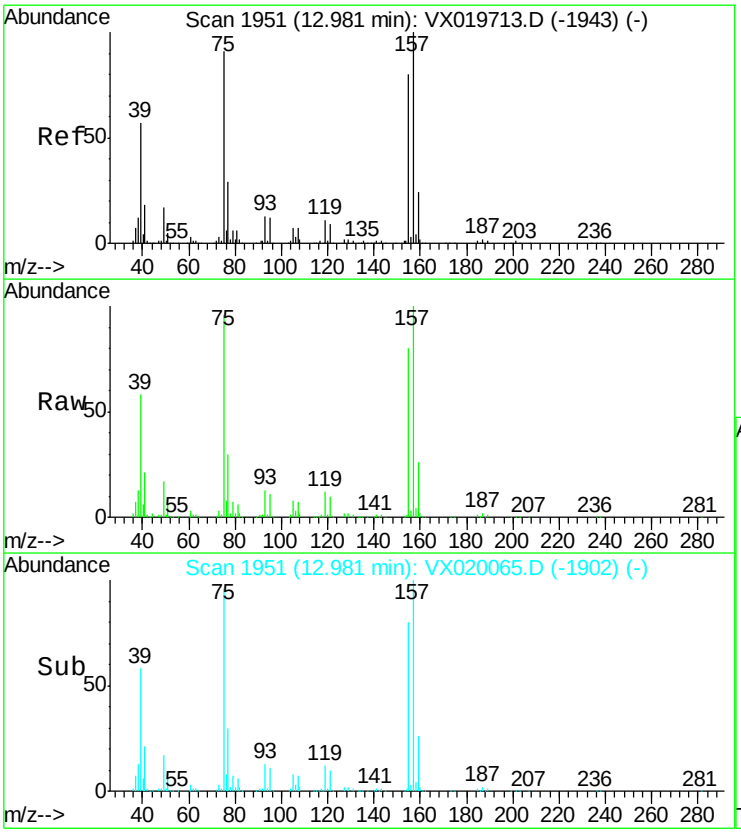

#91
1,2-Dichlorobenzene
Concen: 51.859 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion:146 Resp: 324617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.8 | 20.8 | 62.2 |
| 148 | 64.5 | 31.9 | 95.5 |

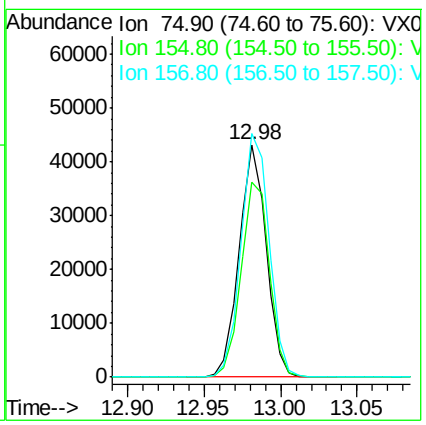


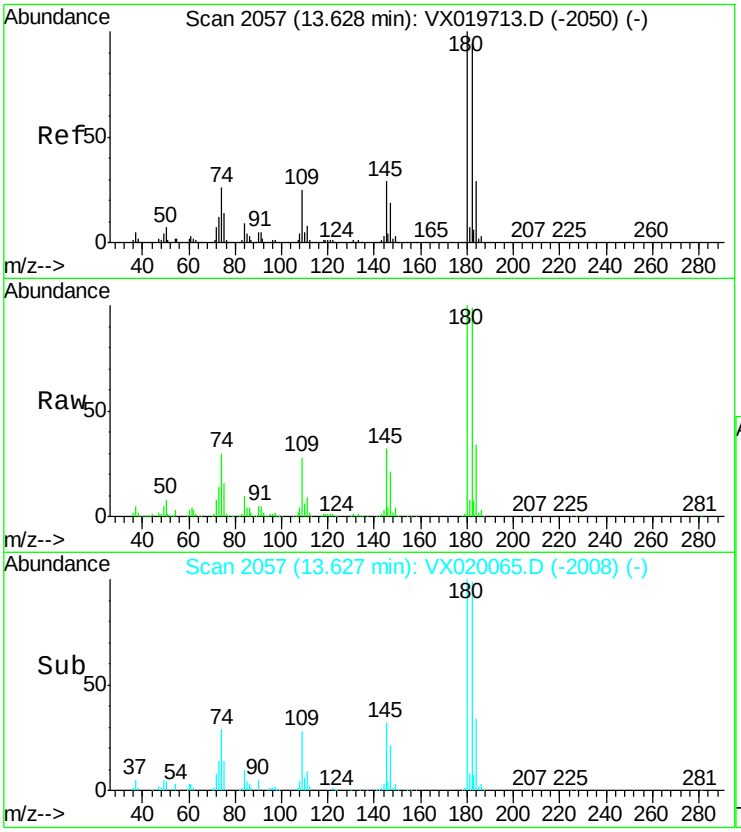




#92
1,2-Dibromo-3-Chloropropane
Concen: 51.175 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion: 75 Resp: 53026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 87.5 | 45.3 | 135.9 |
| 157 | 108.7 | 57.7 | 173.1 |



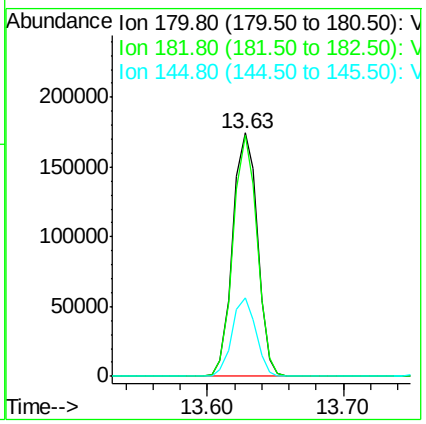


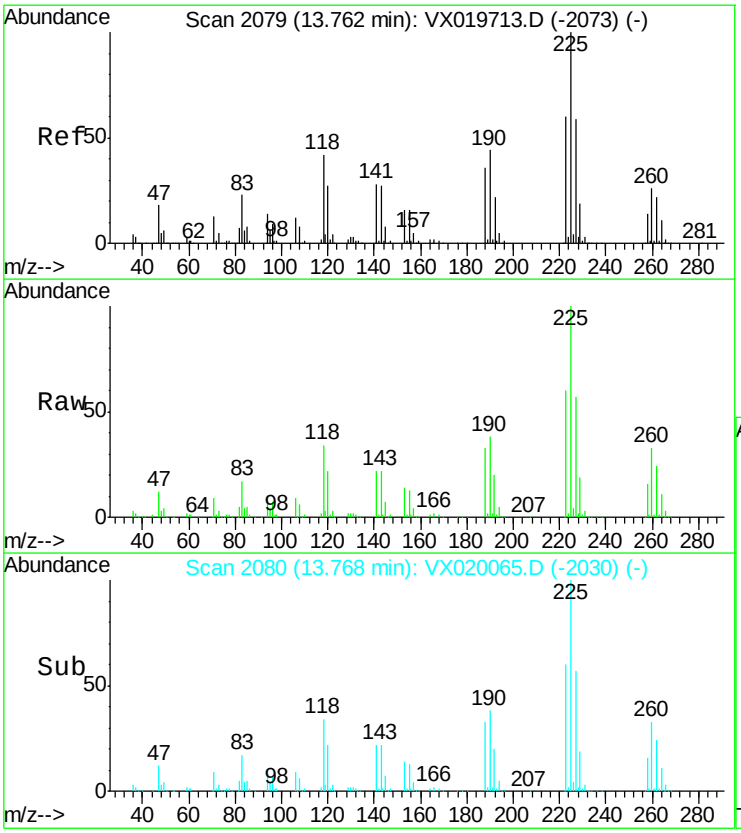

#93
1,2,4-Trichlorobenzene
Concen: 54.233 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion:180 Resp: 220983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.9 | 47.7 | 143.1 |
| 145 | 31.0 | 15.0 | 45.0 |

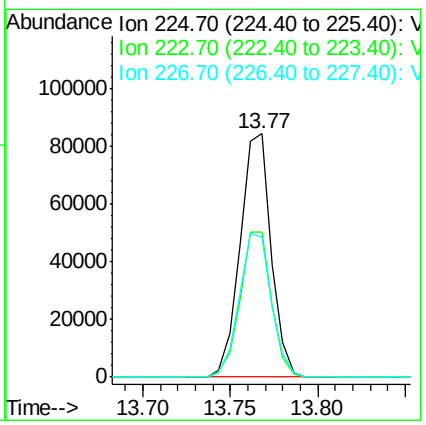


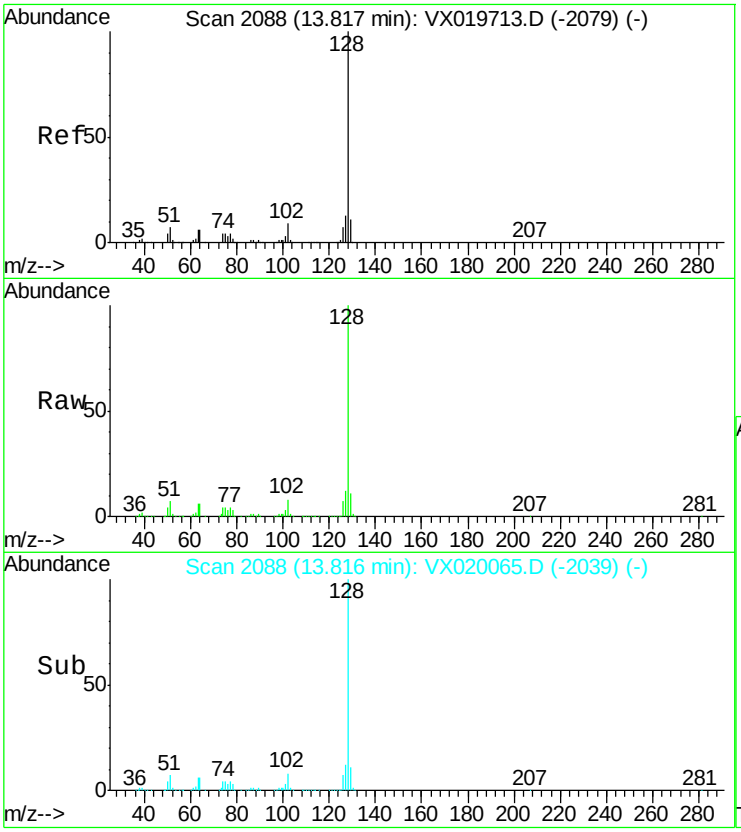




#94
Hexachlorobutadiene
Concen: 56.865 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion:225 Resp: 103563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.5 | 31.1 | 93.2 |
| 227 | 61.0 | 31.6 | 95.0 |



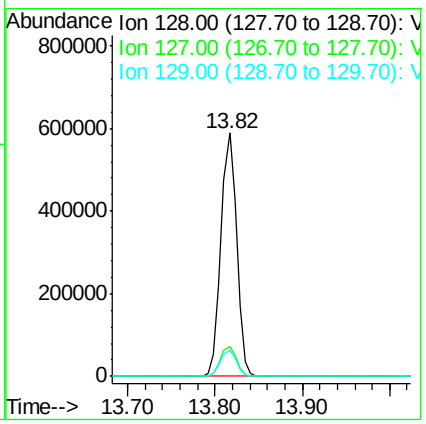


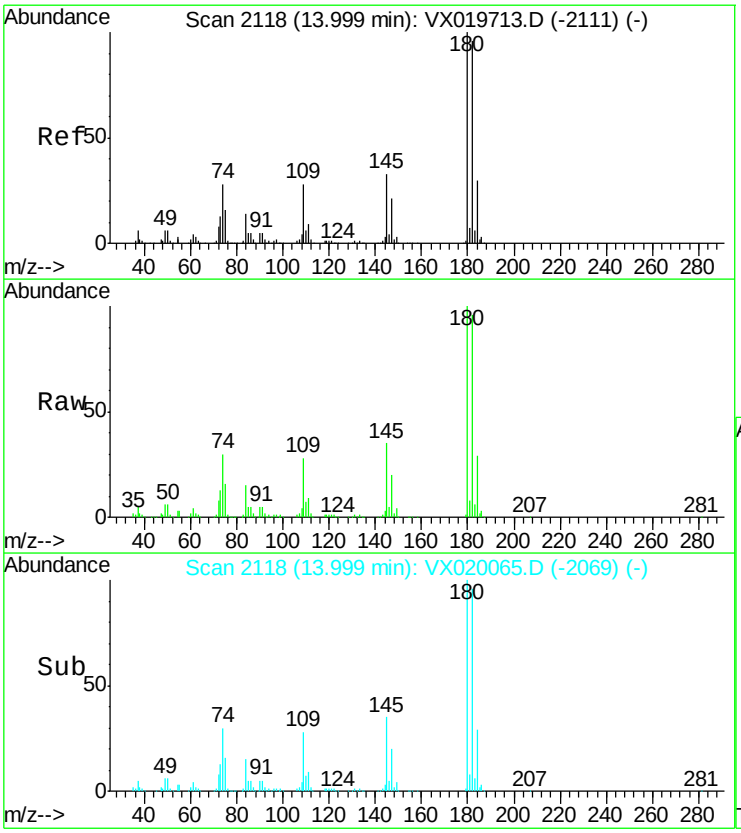

#95
Naphthalene
Concen: 54.913 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

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

Tgt Ion:128 Resp: 725412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.6 | 10.3 | 15.5 |
| 129 | 10.7 | 8.8 | 13.2 |




#96
1,2,3-Trichlorobenzene
Concen: 55.294 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX020065.D
Acq: 16 Dec 2020 15:06

Tgt Ion:180 Resp: 220190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.1 | 47.6 | 142.9 |
| 145 | 33.2 | 16.1 | 48.3 |