Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072919\
Data File : VX011161.D
Acq On : 29 Jul 2019 22:02
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Jul 30 05:10:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 183997 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 275817 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 255158 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 135490 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 99617 | 50.89 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.78% | | | |
| 35) Dibromofluoromethane | 5.49 | 113 | 87227 | 49.82 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.64% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 319705 | 48.69 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.38% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 122239 | 50.65 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.30% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 83642 | 42.712 | ug/l | 97 |
| 3) Chloromethane | 1.32 | 50 | 77250 | 45.655 | ug/l | 98 |
| 4) Vinyl Chloride | 1.41 | 62 | 82861 | 48.011 | ug/l | 99 |
| 5) Bromomethane | 1.64 | 94 | 46700 | 48.017 | ug/l | 99 |
| 6) Chloroethane | 1.71 | 64 | 53895 | 49.140 | ug/l | 98 |
| 7) Trichlorofluoromethane | 1.92 | 101 | 143585 | 49.148 | ug/l | 100 |
| 8) Diethyl Ether | 2.19 | 74 | 52367 | 52.025 | ug/l | 98 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 77421 | 46.413 | ug/l | 99 |
| 10) Methyl Iodide | 2.51 | 142 | 80036 | 36.563 | ug/l | 99 |
| 11) Tert butyl alcohol | 3.06 | 59 | 110619 | 242.654 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 77720 | 47.422 | ug/l | 97 |
| 13) Acrolein | 2.29 | 56 | 54985 | 208.762 | ug/l | 100 |
| 14) Allyl chloride | 2.73 | 41 | 117677 | 49.432 | ug/l | 100 |
| 15) Acrylonitrile | 3.14 | 53 | 238517 | 258.927 | ug/l | 99 |
| 16) Acetone | 2.45 | 43 | 199290 | 225.421 | ug/l | 99 |
| 17) Carbon Disulfide | 2.57 | 76 | 169329 | 40.278 | ug/l | 99 |
| 18) Methyl Acetate | 2.78 | 43 | 114521 | 56.889 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.20 | 73 | 274799 | 52.085 | ug/l | 99 |
| 20) Methylene Chloride | 2.85 | 84 | 91497 | 48.836 | ug/l | 99 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 81920 | 47.109 | ug/l | 98 |
| 22) Diisopropyl ether | 3.86 | 45 | 261997 | 52.182 | ug/l | 89 |
| 23) Vinyl Acetate | 3.81 | 43 | 1110870 | 261.130 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 146628 | 50.287 | ug/l | 99 |
| 25) 2-Butanone | 4.68 | 43 | 332366 | 261.895 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 4.59 | 77 | 101624 | 42.447 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 99893 | 49.635 | ug/l | 98 |
| 28) Bromochloromethane | 5.02 | 49 | 68587 | 49.916 | ug/l | 97 |
| 29) Tetrahydrofuran | 5.13 | 42 | 209913 | 261.122 | ug/l | 100 |
| 30) Chloroform | 5.21 | 83 | 161515 | 51.247 | ug/l | 96 |
| 31) Cyclohexane | 5.58 | 56 | 115461 | 43.443 | ug/l | 98 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 140754 | 51.620 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.80 | 75 | 109674 | 48.409 | ug/l | 98 |
| 37) Ethyl Acetate | 4.83 | 43 | 124154 | 53.517 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.78 | 117 | 119534 | 50.632 | ug/l | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072919\
Data File : VX011161.D
Acq On : 29 Jul 2019 22:02
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Jul 30 05:10:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 125721 | 42.791 | ug/l | | 99 |
| 40) Benzene | 6.14 | 78 | 342221 | 49.312 | ug/l | | 98 |
| 41) Methacrylonitrile | 5.04 | 41 | 67923 | 51.576 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 6.19 | 62 | 126021 | 52.226 | ug/l | | 99 |
| 43) Isopropyl Acetate | 6.45 | 43 | 200447 | 52.547 | ug/l | | 99 |
| 44) Trichloroethene | 7.21 | 130 | 98128 | 47.768 | ug/l | | 94 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 89328 | 50.572 | ug/l | | 98 |
| 46) Dibromomethane | 7.66 | 93 | 64728 | 51.283 | ug/l | | 99 |
| 47) Bromodichloromethane | 7.90 | 83 | 121546 | 54.098 | ug/l | | 100 |
| 48) Methyl methacrylate | 7.77 | 41 | 98651 | 53.087 | ug/l | | 97 |
| 49) 1,4-Dioxane | 7.74 | 88 | 51450 | 989.792 | ug/l | | 98 |
| 51) 4-Methyl-2-Pentanone | 8.64 | 43 | 683548 | 276.430 | ug/l | | 99 |
| 52) Toluene | 8.78 | 92 | 224388 | 49.218 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 126895 | 52.526 | ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 139077 | 51.736 | ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 98160 | 52.291 | ug/l | | 99 |
| 56) Ethyl methacrylate | 9.18 | 69 | 150257 | 54.721 | ug/l | | 98 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 154022 | 51.722 | ug/l | | 98 |
| 58) 2-Chloroethyl Vinyl ether | 8.31 | 63 | 359053 | 273.926 | ug/l | | 99 |
| 59) 2-Hexanone | 9.49 | 43 | 524853 | 273.657 | ug/l | | 100 |
| 60) Dibromochloromethane | 9.58 | 129 | 107615 | 49.822 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 106477 | 53.448 | ug/l | | 99 |
| 64) Tetrachloroethene | 9.34 | 164 | 93341 | 46.501 | ug/l | | 98 |
| 65) Chlorobenzene | 10.13 | 112 | 259792 | 49.572 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 98541 | 53.500 | ug/l | | 98 |
| 67) Ethyl Benzene | 10.25 | 91 | 438203 | 49.124 | ug/l | | 100 |
| 68) m/p-Xylenes | 10.36 | 106 | 336144 | 98.237 | ug/l | | 100 |
| 69) o-Xylene | 10.69 | 106 | 167835 | 50.258 | ug/l | | 99 |
| 70) Styrene | 10.71 | 104 | 291316 | 52.330 | ug/l | | 100 |
| 71) Bromoform | 10.85 | 173 | 81714 | 48.790 | ug/l | # | 99 |
| 73) Isopropylbenzene | 11.02 | 105 | 448810 | 49.023 | ug/l | | 100 |
| 74) N-amyl acetate | 10.90 | 43 | 184278 | 52.680 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 158301 | 52.837 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 11.29 | 75 | 171017 | 69.946 | ug/l | | 84 |
| 77) Bromobenzene | 11.25 | 156 | 124548 | 49.320 | ug/l | | 98 |
| 78) n-propylbenzene | 11.36 | 91 | 498271 | 49.258 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 300660 | 49.478 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 379424 | 49.598 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 43748 | 45.704 | ug/l | | 97 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 348790 | 49.316 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.77 | 119 | 374471 | 49.835 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 382858 | 49.655 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.94 | 105 | 435607 | 49.475 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 407205 | 50.026 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 219577 | 50.104 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 218730 | 48.665 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.38 | 91 | 343710 | 49.356 | ug/l | | 99 |
| 90) Hexachloroethane | 12.59 | 117 | 65584 | 51.083 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 220584 | 50.787 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75 | 34629 | 55.294 | ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072919\
Data File : VX011161.D
Acq On : 29 Jul 2019 22:02
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Jul 30 05:10:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 152623 | 51.851 | ug/l | 98 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 70084 | 48.047 | ug/l | 100 |
| 95) Naphthalene | 13.83 | 128 | 488600 | 56.213 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 152415 | 52.041 | ug/l | 98 |

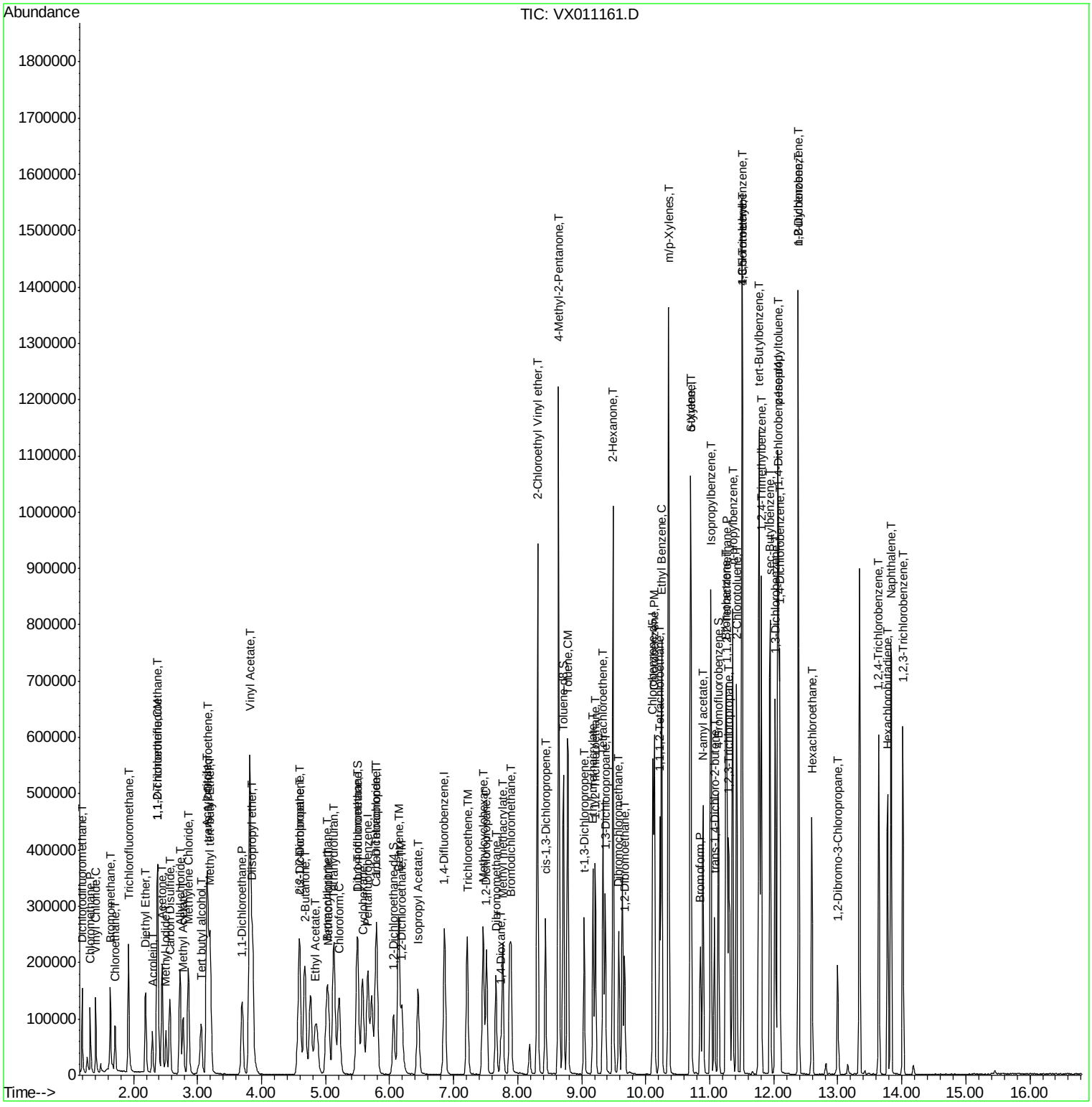
(#) = qualifier out of range (m) = manual integration (+) = signals summed

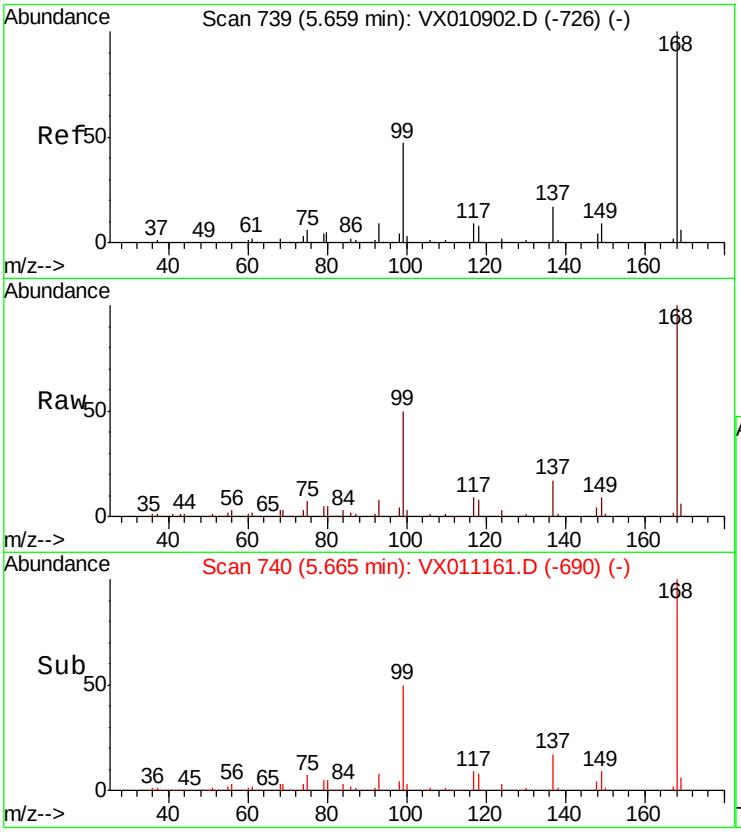
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072919\
Data File : VX011161.D
Acq On : 29 Jul 2019 22:02
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Jul 30 05:10:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration



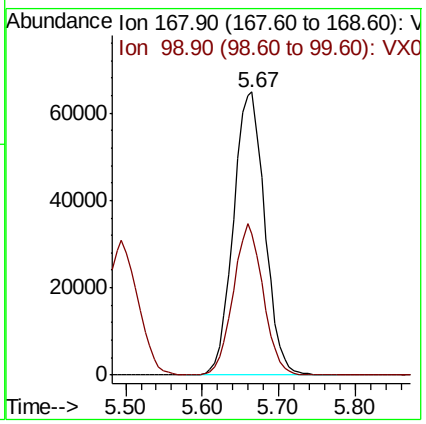


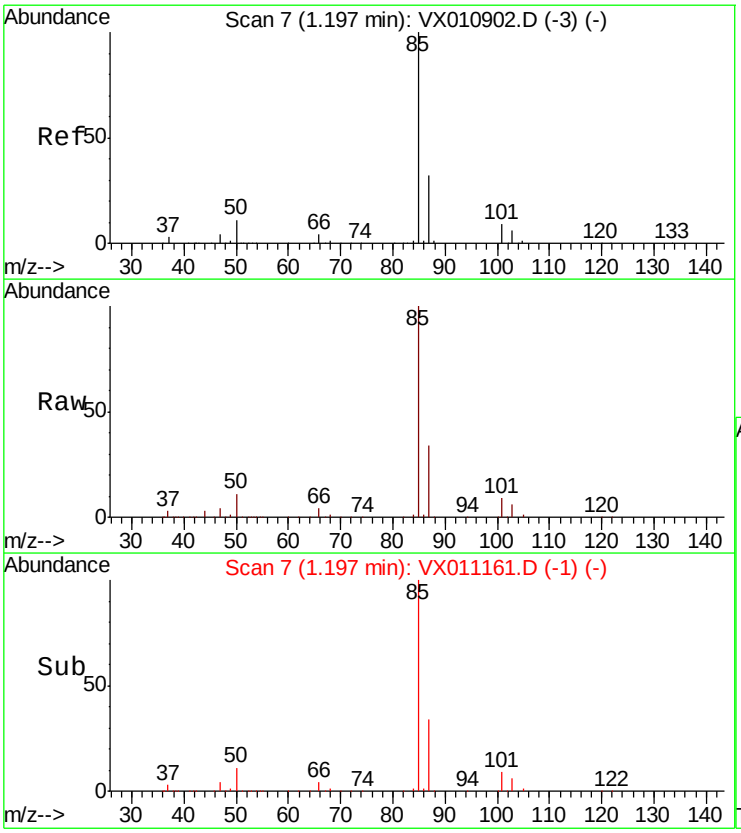

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion:168 Resp: 183997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 49.7 | 37.6 | 56.4 |

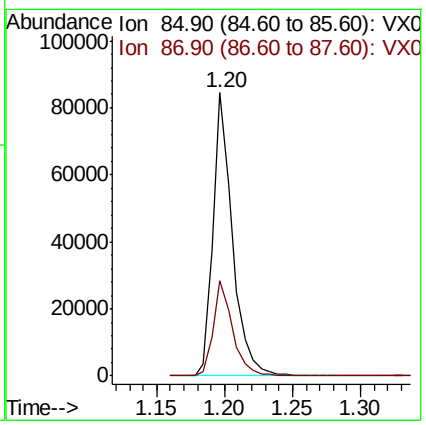


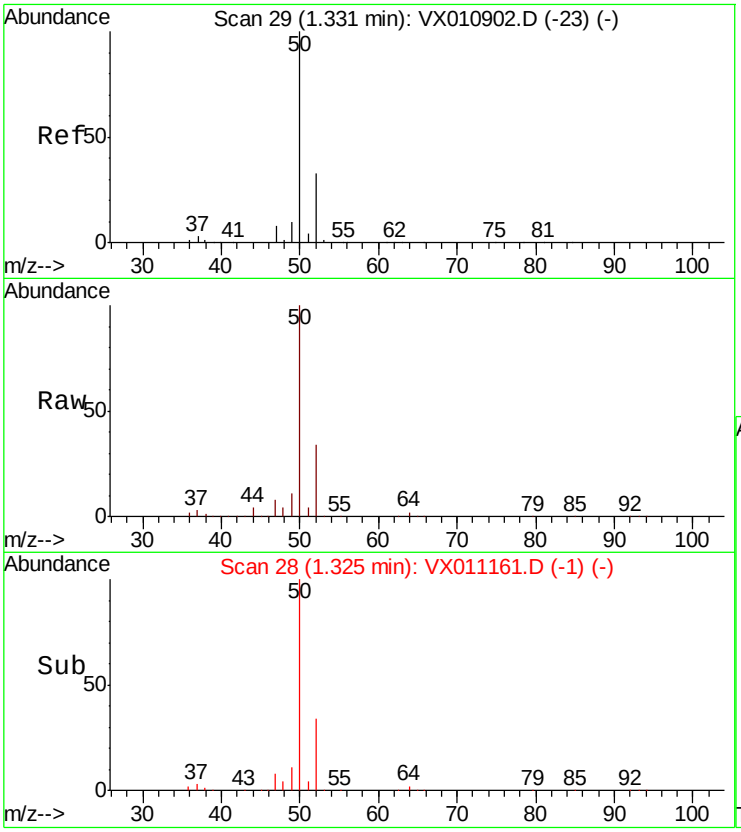




#2
Dichlorodifluoromethane
Concen: 42.712 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 85 Resp: 83642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.6 | 15.9 | 47.7 |



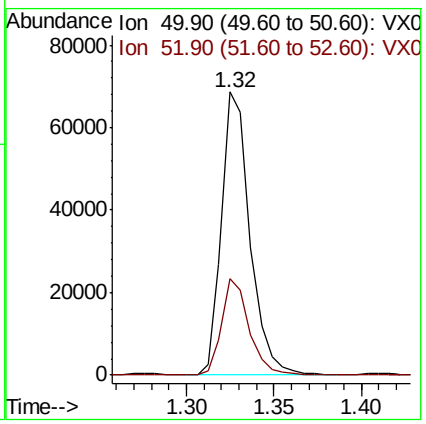


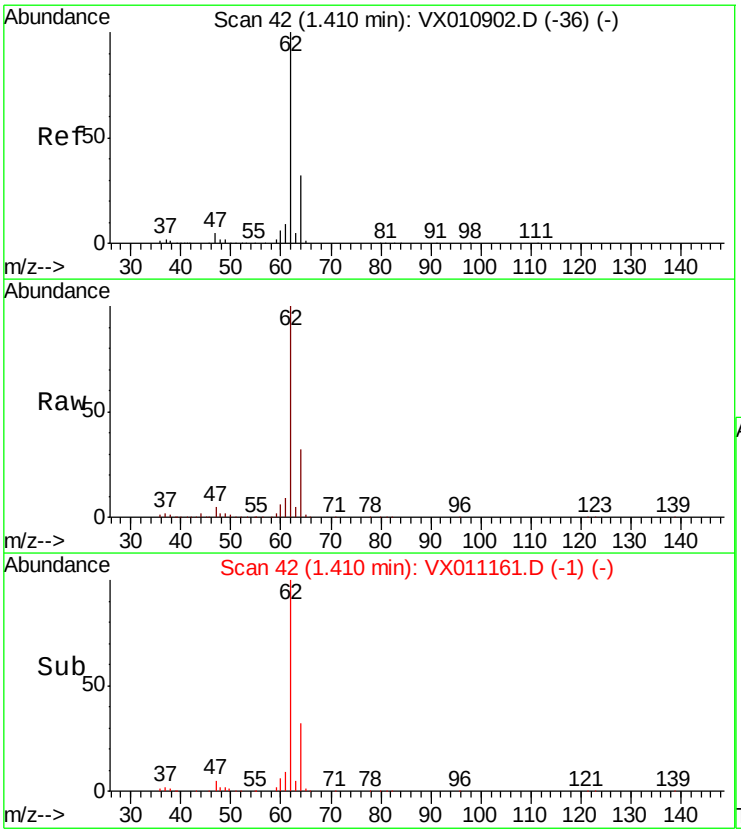

#3
Chloromethane
Concen: 45.655 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 50 Resp: 77250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 34.4 | 26.4 | 39.6 |

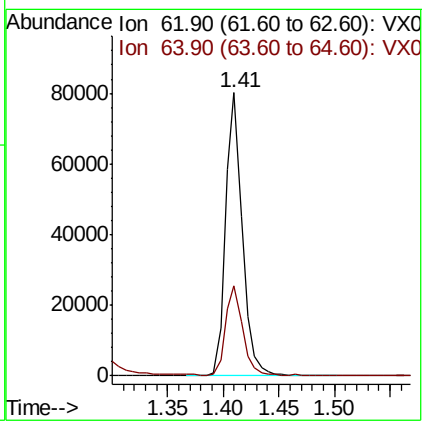


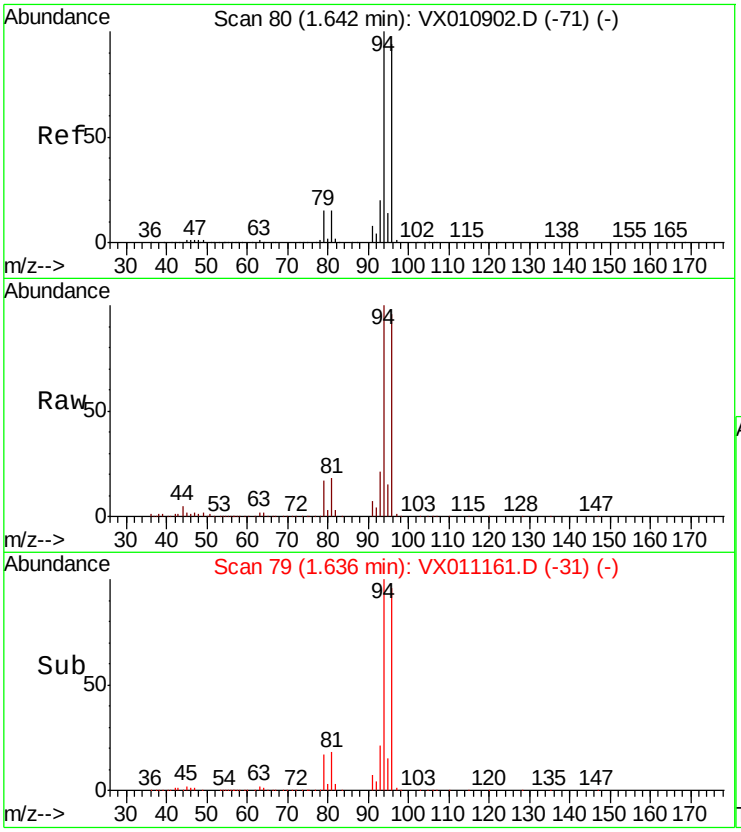




#4
Vinyl Chloride
Concen: 48.011 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 62 Resp: 82861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.6 | 25.7 | 38.5 |



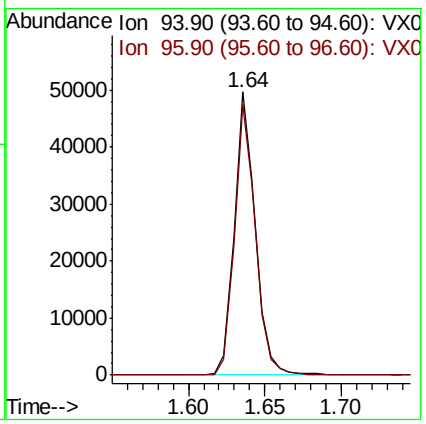


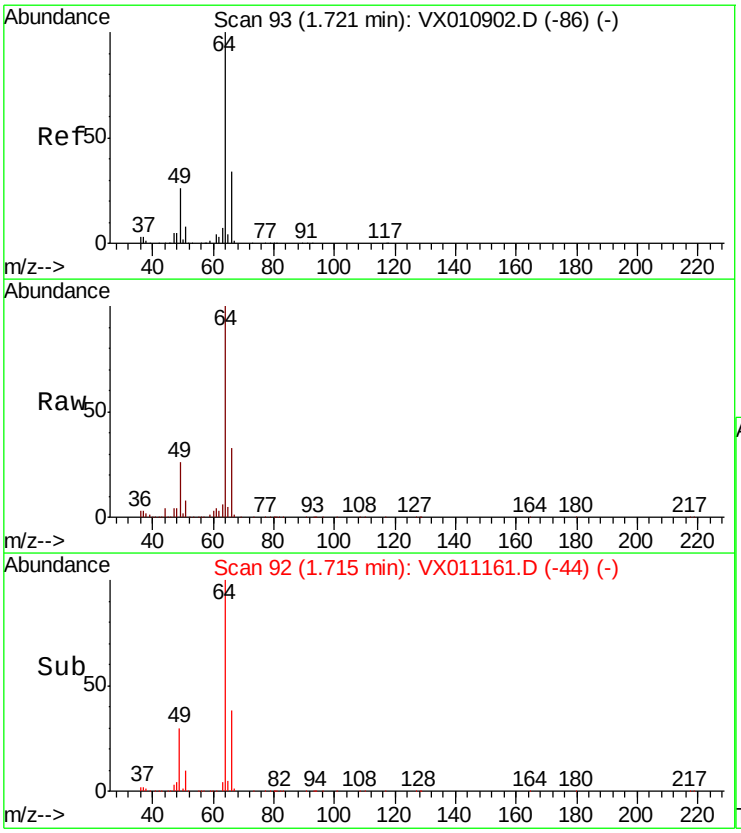

#5
Bromomethane
Concen: 48.017 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 94 Resp: 46700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.7 | 75.6 | 113.4 |

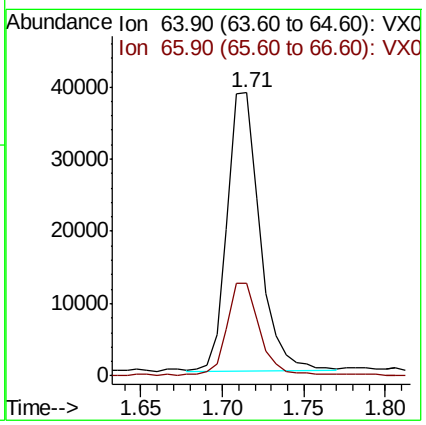


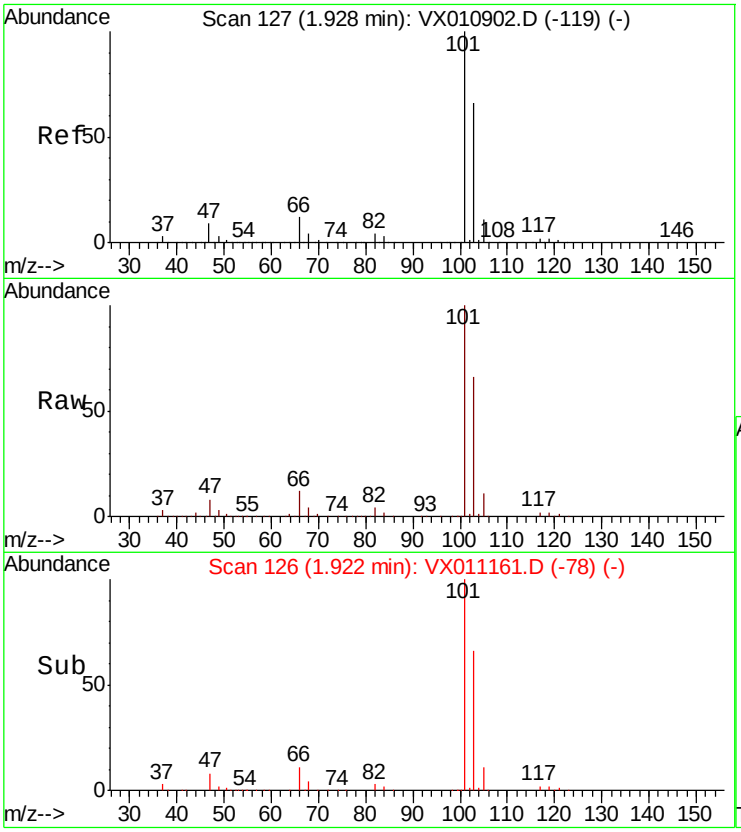




#6
Chloroethane
Concen: 49.140 ug/l
RT: 1.71 min Scan# 92
Delta R.T. -0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 64 Resp: 53895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.8 | 27.0 | 40.6 |

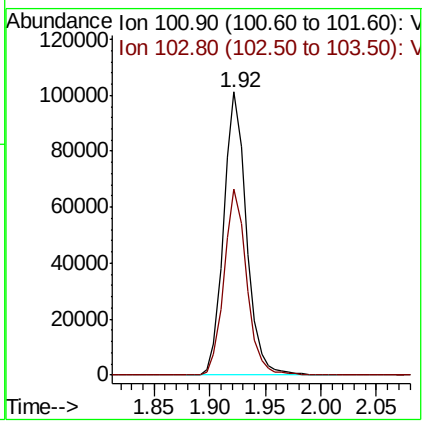




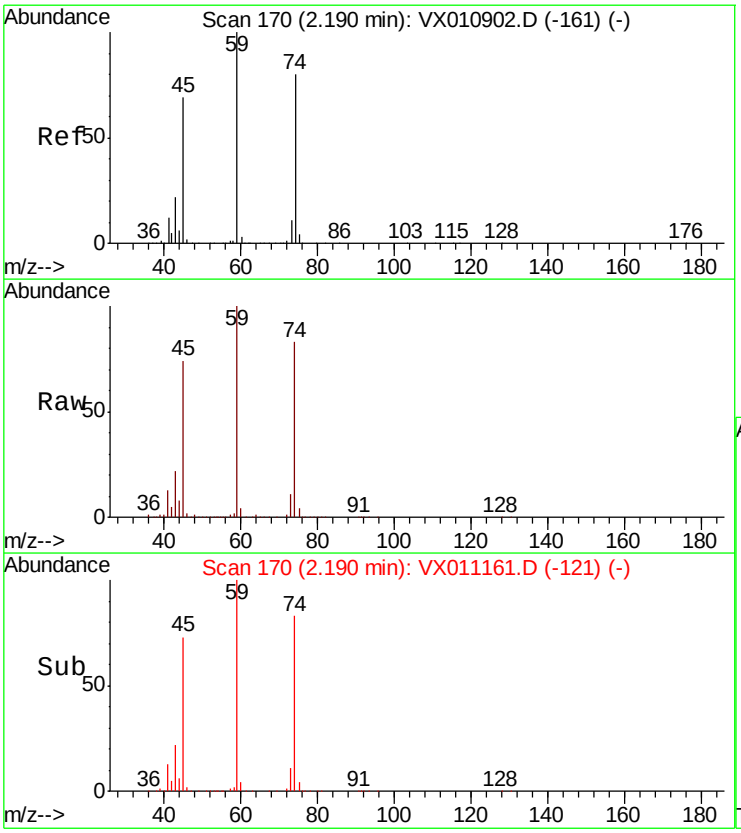

#7
Trichlorofluoromethane
Concen: 49.148 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:101 Resp: 143585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.8 | 52.6 | 78.8 |



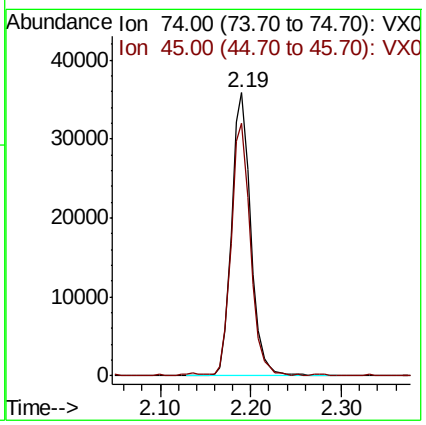

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

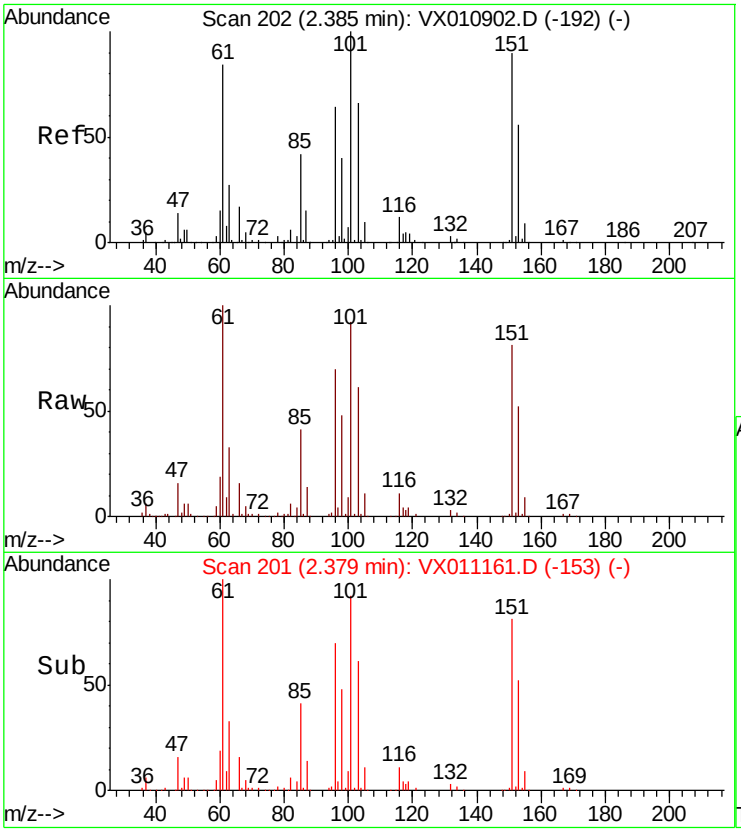



#8
Diethyl Ether
Concen: 52.025 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 74 Resp: 52367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 89.2 | 45.5 | 136.5 |



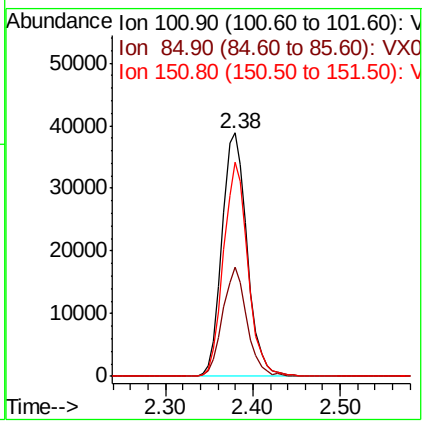


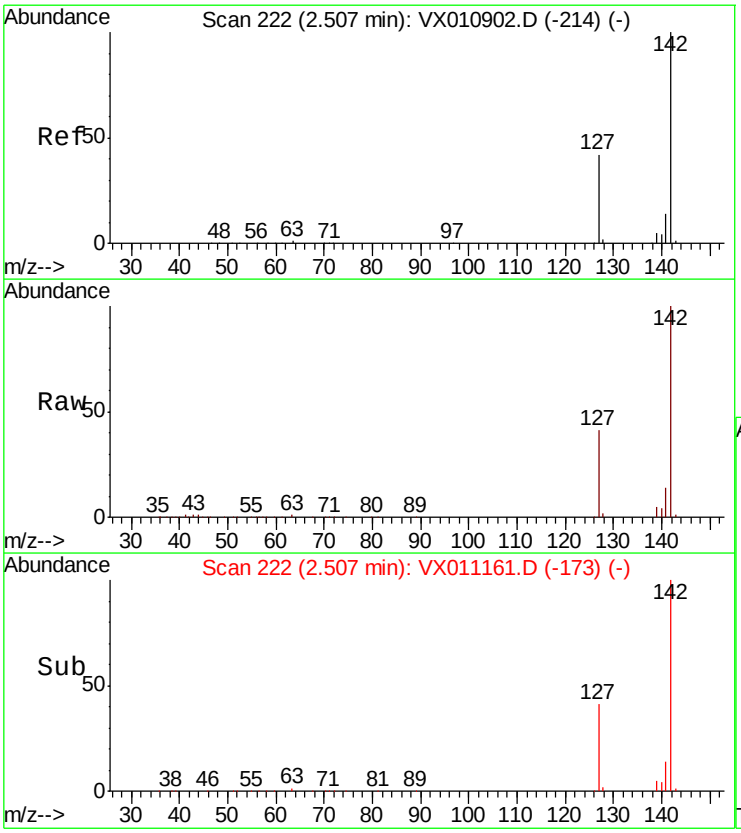

#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.413 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion:101 Resp: 77421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.6 | 34.6 | 52.0 |
| 151 | 85.4 | 69.6 | 104.4 |

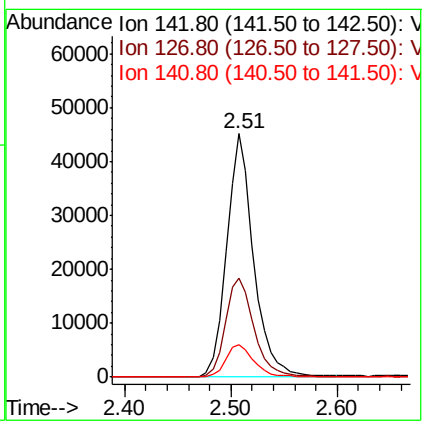


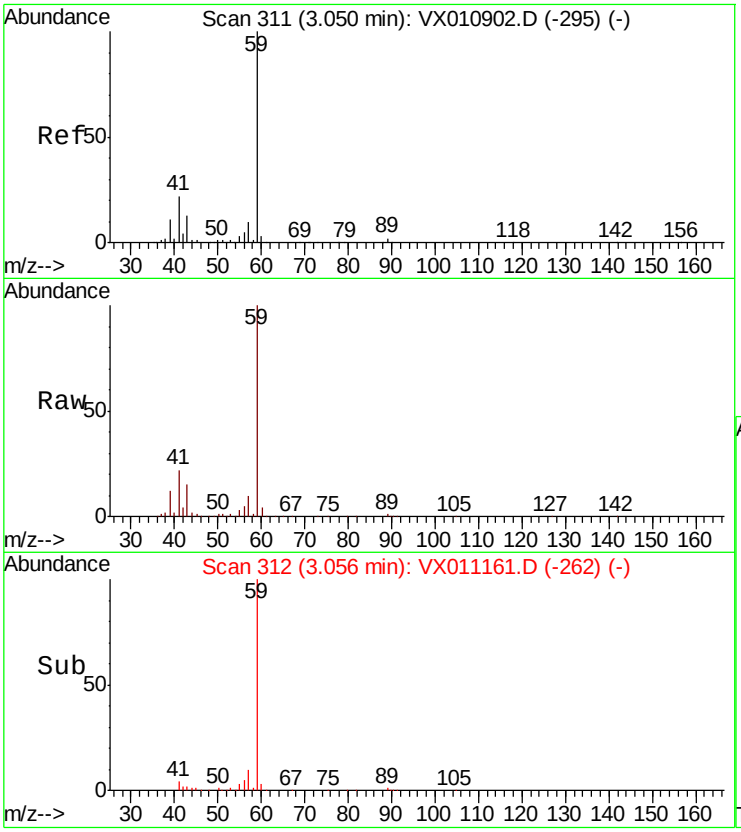




#10
Methyl Iodide
Concen: 36.563 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:142 Resp: 80036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 43.4 | 34.2 | 51.4 |
| 141 | 14.1 | 11.7 | 17.5 |



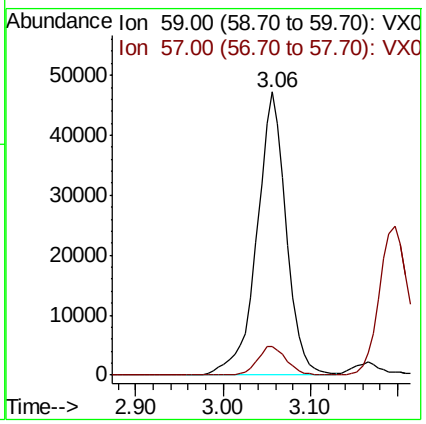


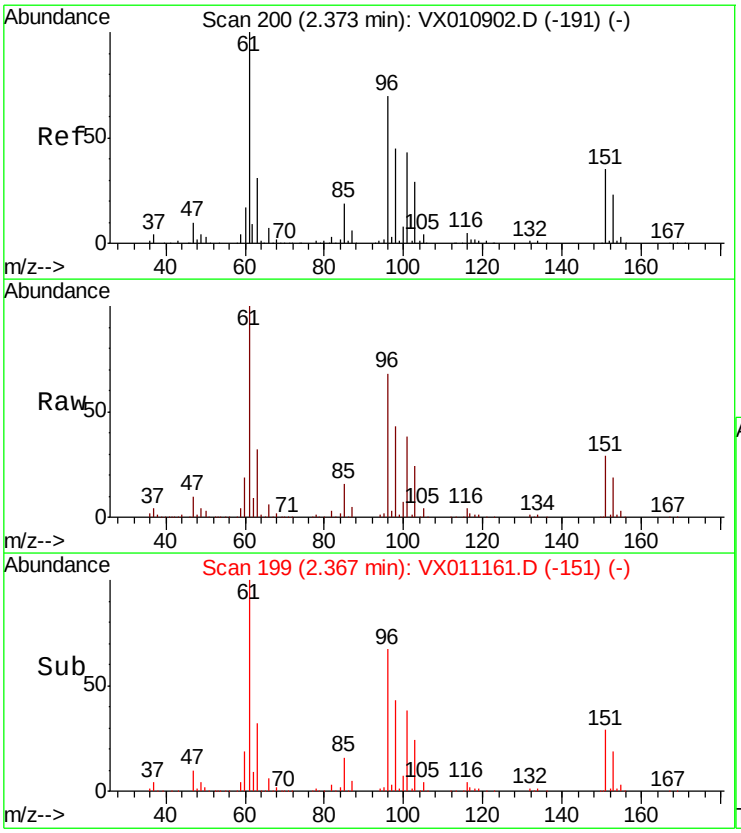

#11
Tert butyl alcohol
Concen: 242.654 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 59 Resp: 110619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.3 | 7.9 | 11.9 |

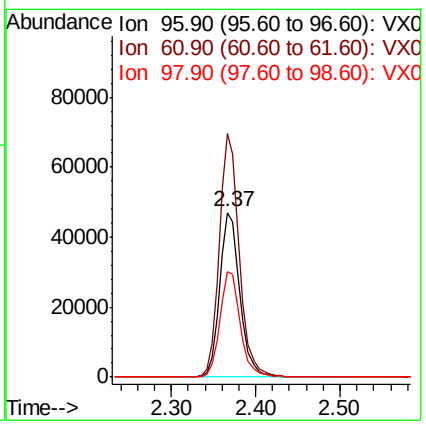


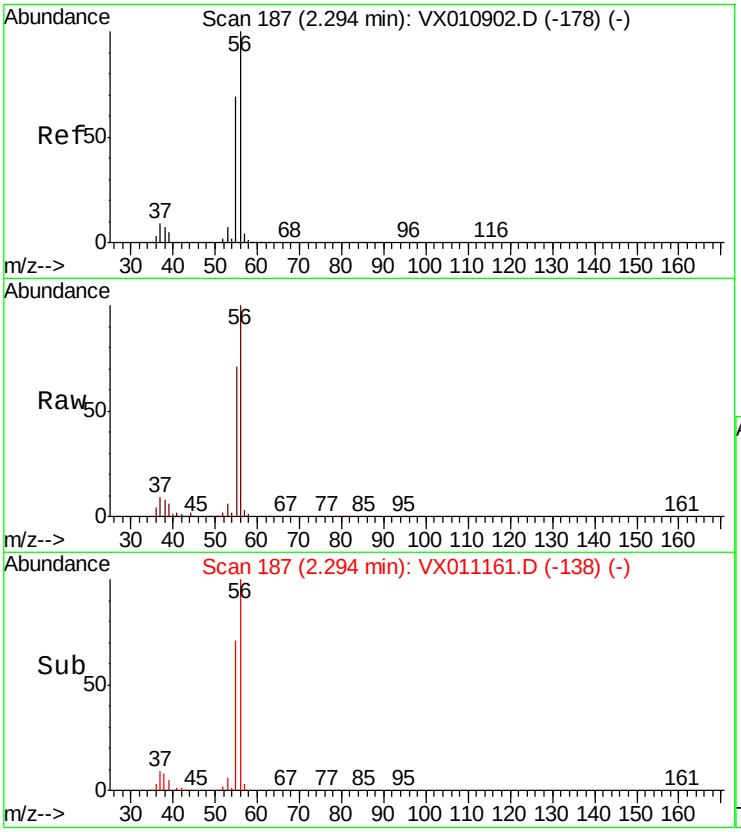




#12
1,1-Dichloroethene
Concen: 47.422 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 96 Resp: 77720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 148.1 | 115.0 | 172.4 |
| 98 | 63.7 | 52.2 | 78.2 |



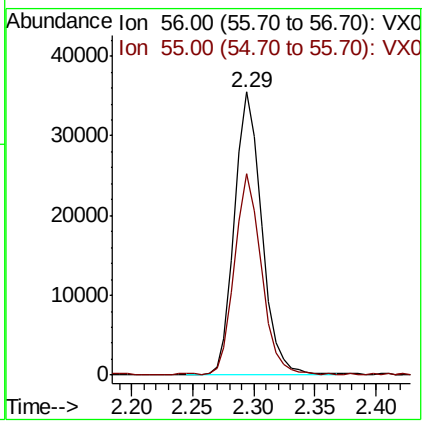


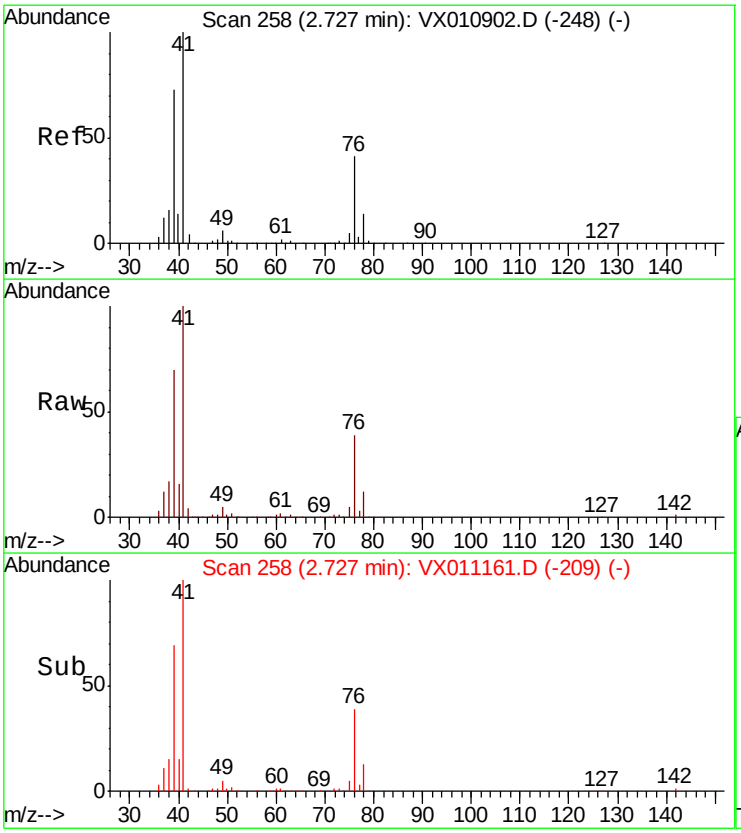

#13
Acrolein
Concen: 208.762 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 56 Resp: 54985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.6 | 55.9 | 83.9 |

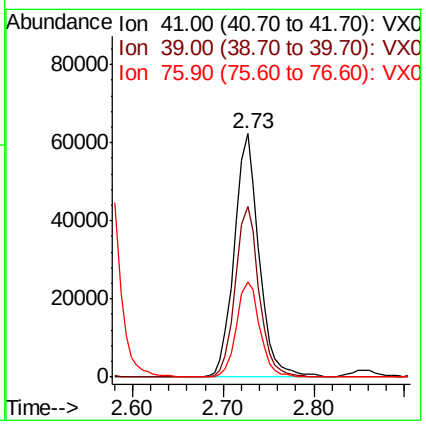


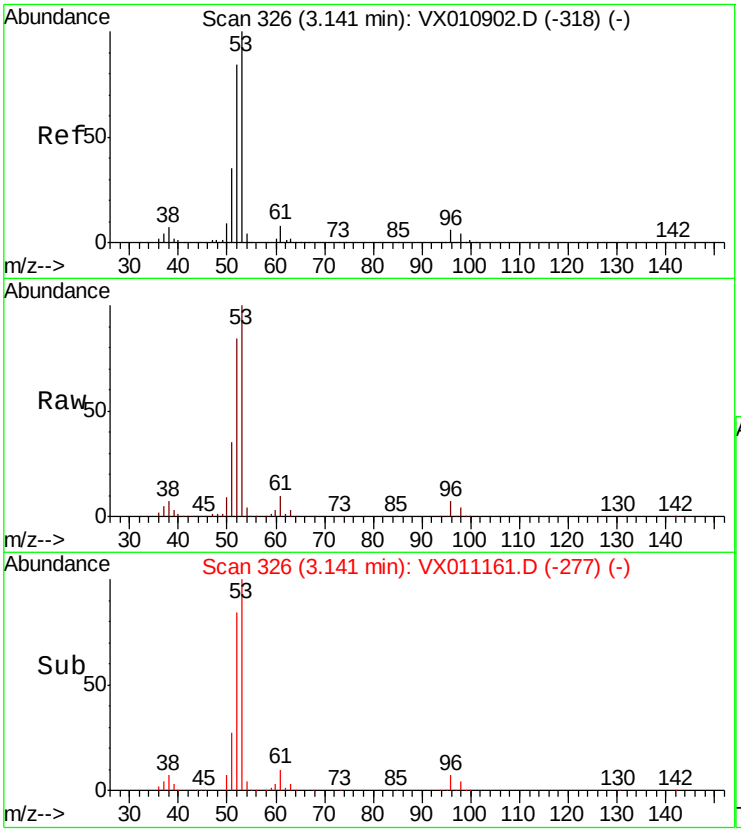




#14
Allyl chloride
Concen: 49.432 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 41 Resp: 117677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 67.0 | 53.6 | 80.4 |
| 76 | 37.4 | 29.7 | 44.5 |



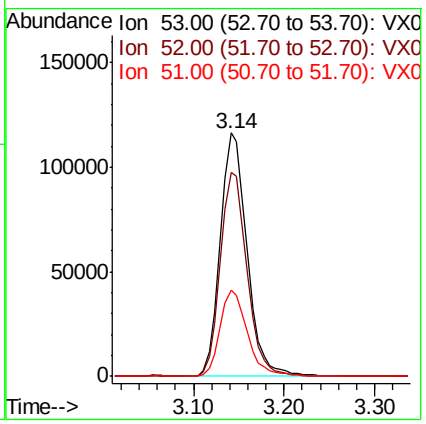


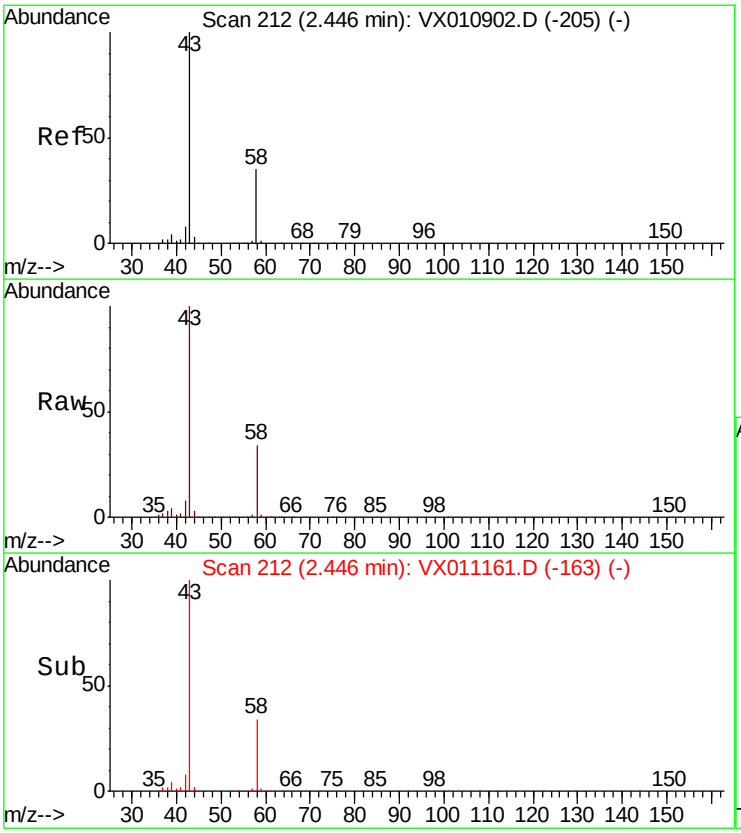

#15
Acrylonitrile
Concen: 258.927 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 53 Resp: 238517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 84.2 | 66.5 | 99.7 |
| 51 | 36.3 | 28.2 | 42.4 |

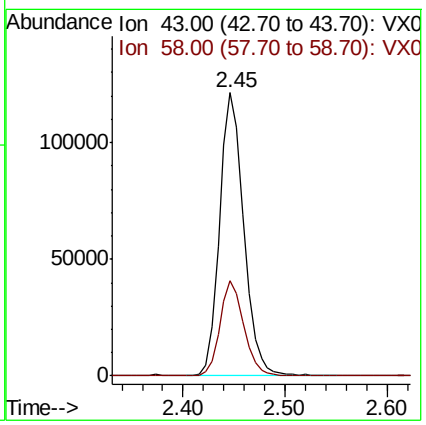


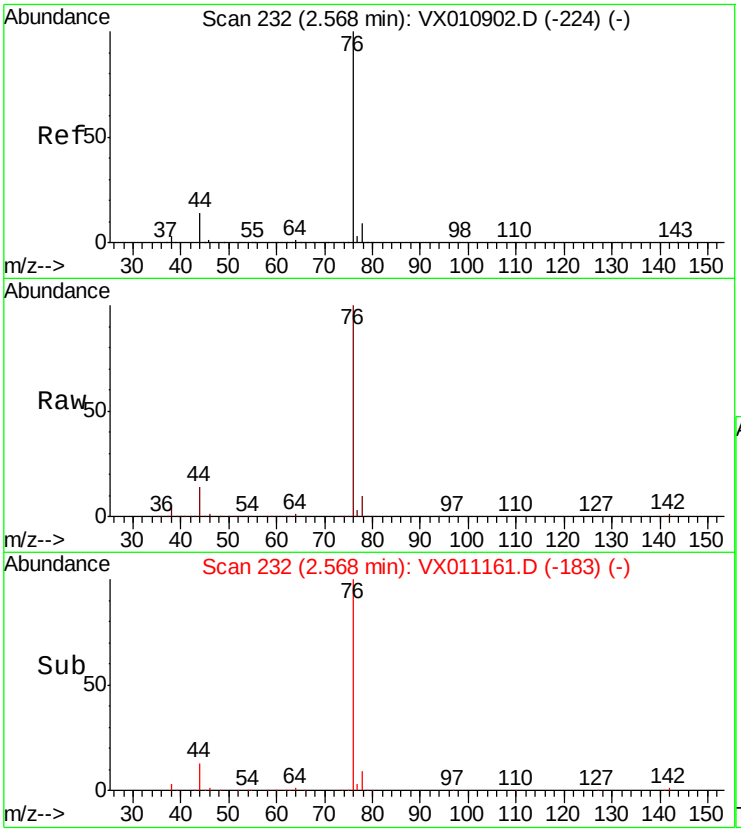




#16
Acetone
Concen: 225.421 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 43 Resp: 199290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.7 | 27.7 | 41.5 |



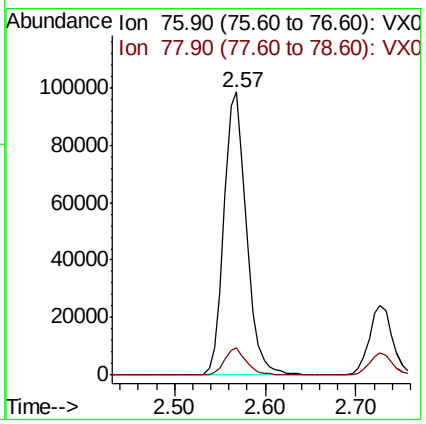


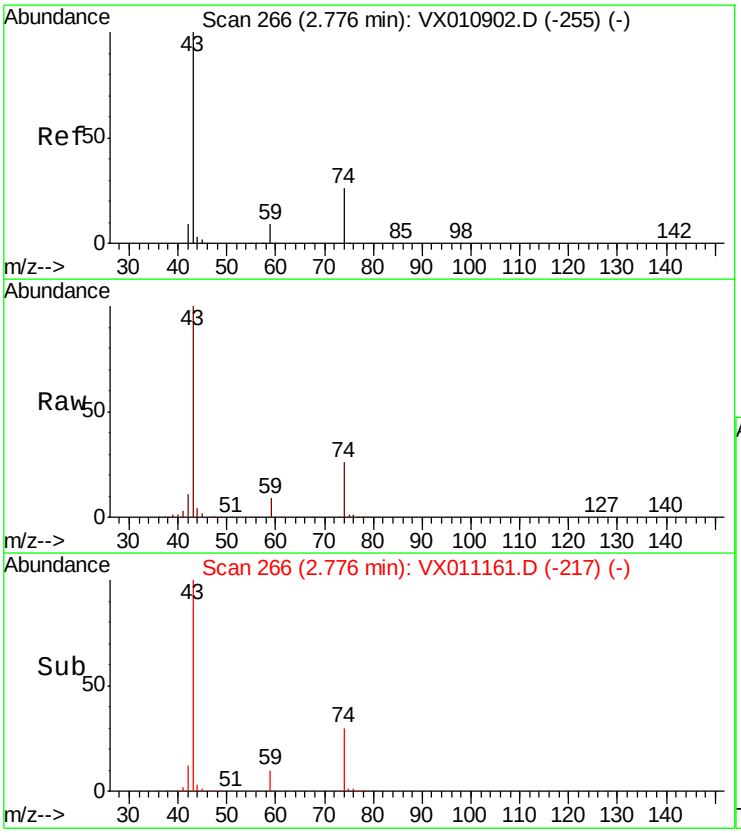

#17
Carbon Disulfide
Concen: 40.278 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 76 Resp: 169329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.6 | 7.4 | 11.0 |

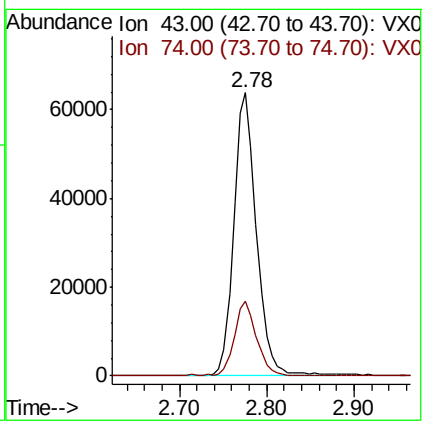


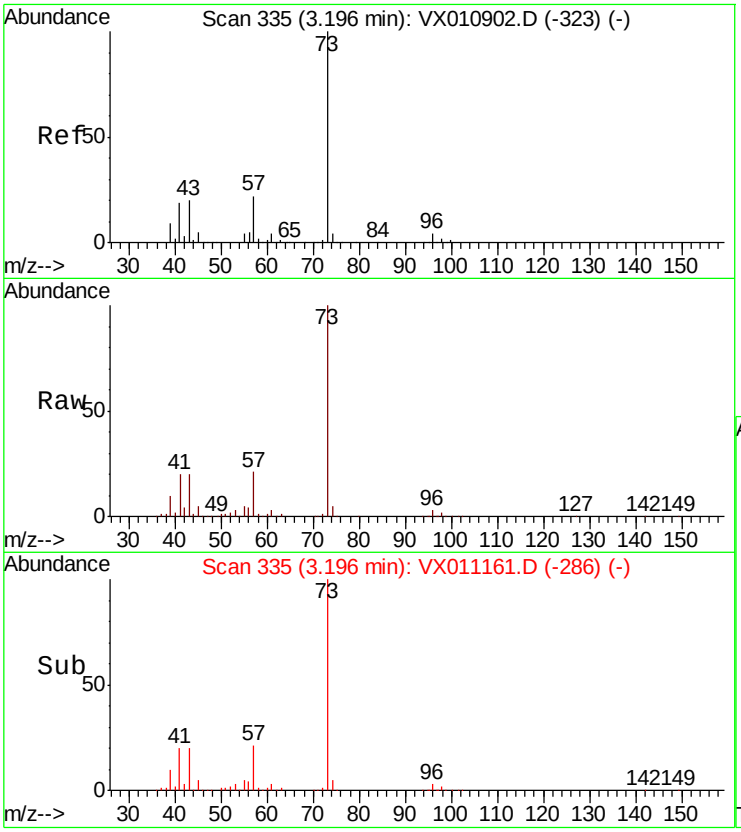




#18
Methyl Acetate
Concen: 56.889 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 43 Resp: 114521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.3 | 21.5 | 32.3 |



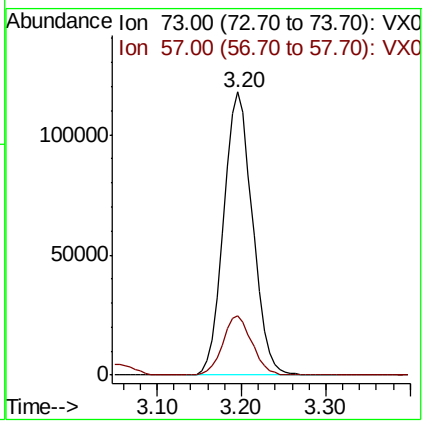


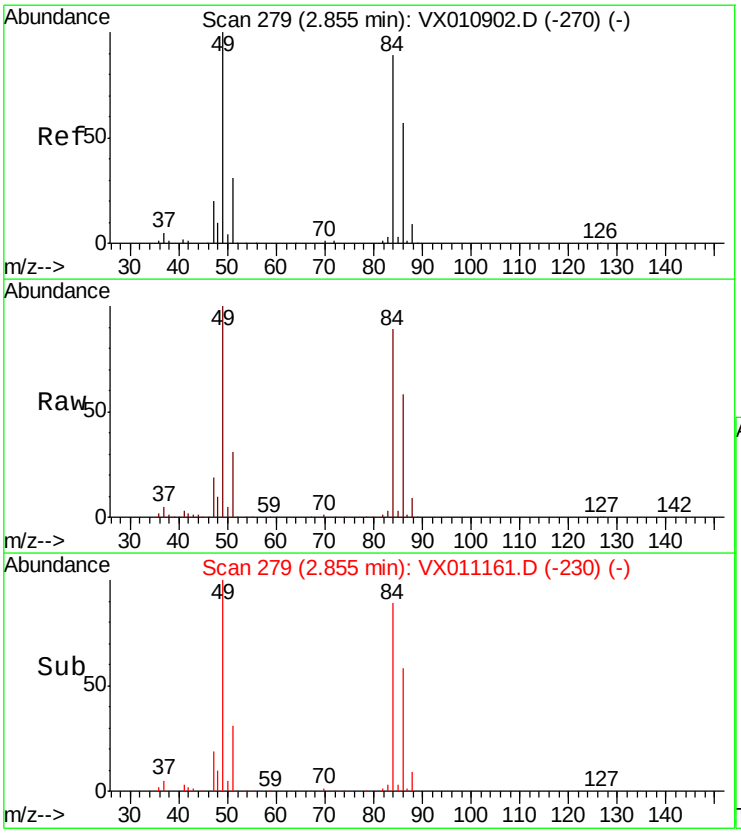

#19
Methyl tert-butyl Ether
Concen: 52.085 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 73 Resp: 274799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.2 | 17.3 | 25.9 |

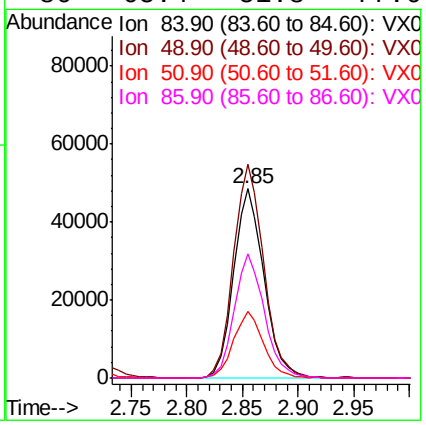


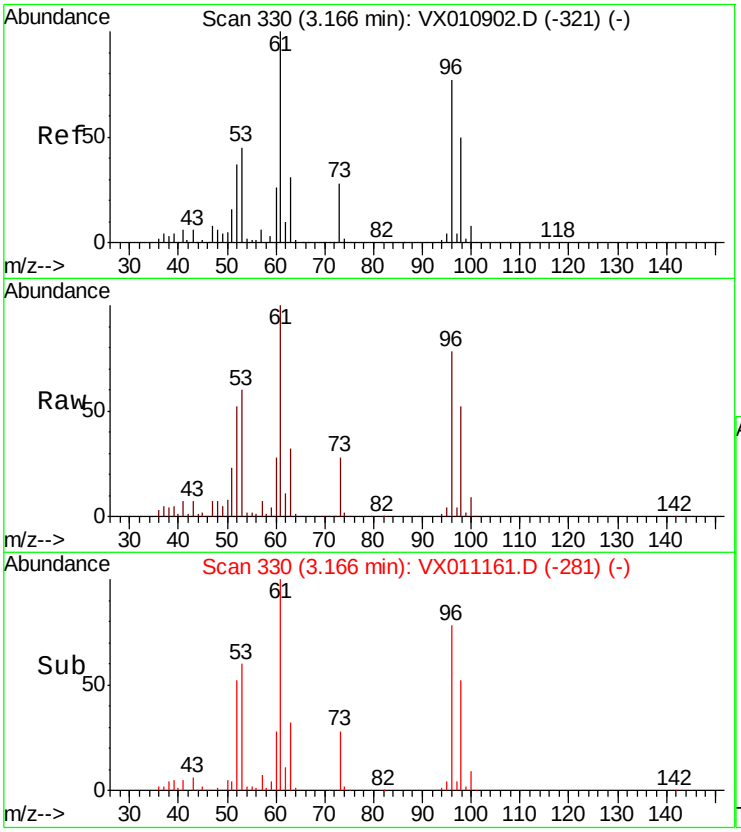




#20
Methylene Chloride
Concen: 48.836 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 84 Resp: 91497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 112.8 | 89.9 | 134.9 |
| 51 | 35.4 | 27.8 | 41.6 |
| 86 | 65.4 | 51.8 | 77.6 |



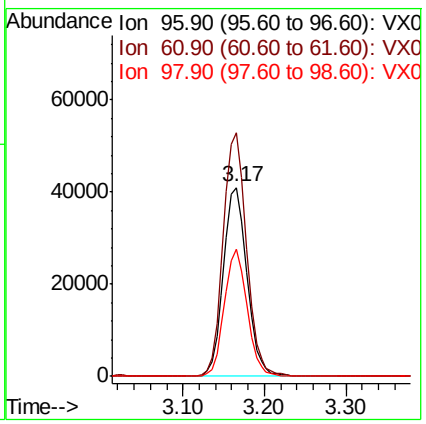


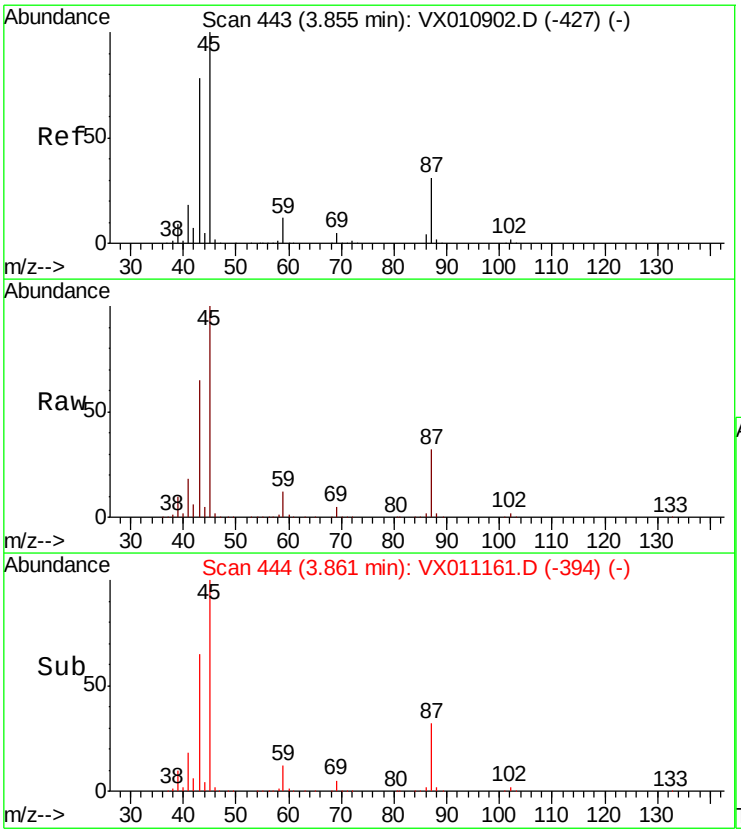

#21
trans-1,2-Dichloroethene
Concen: 47.109 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 96 Resp: 81920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 128.5 | 104.2 | 156.2 |
| 98 | 67.4 | 52.2 | 78.4 |

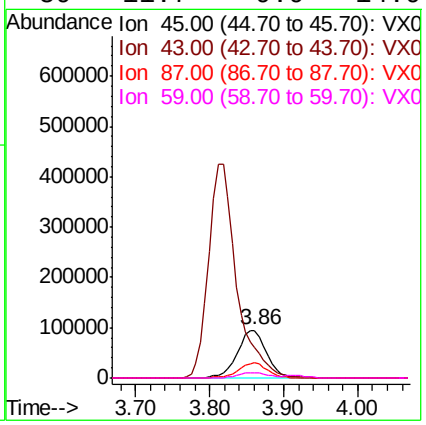


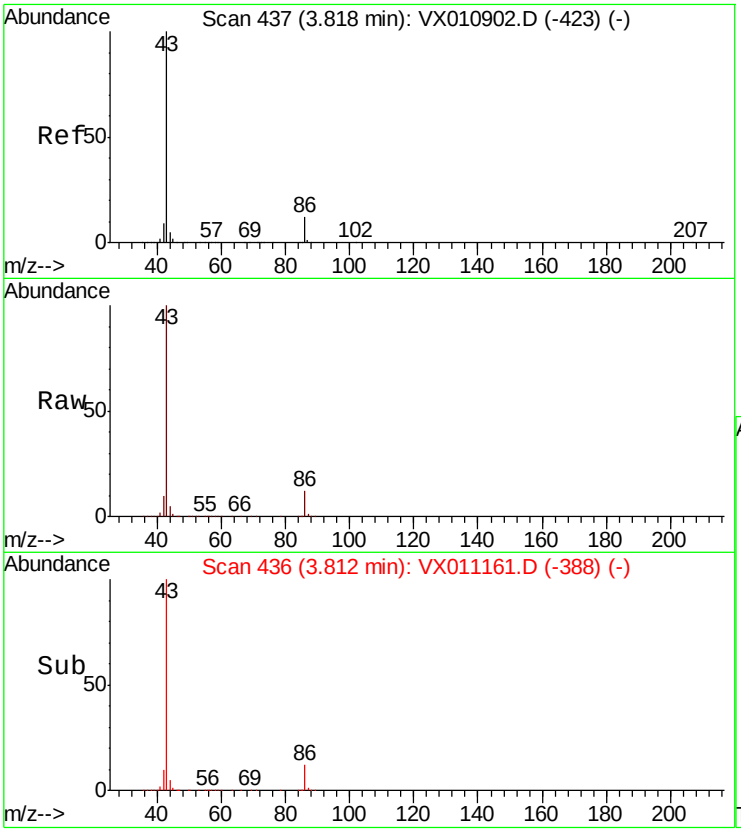




#22
Diisopropyl ether
Concen: 52.182 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 45 Resp: 261997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 64.2 | 62.3 | 93.5 |
| 87 | 31.7 | 25.0 | 37.4 |
| 59 | 11.7 | 9.9 | 14.9 |



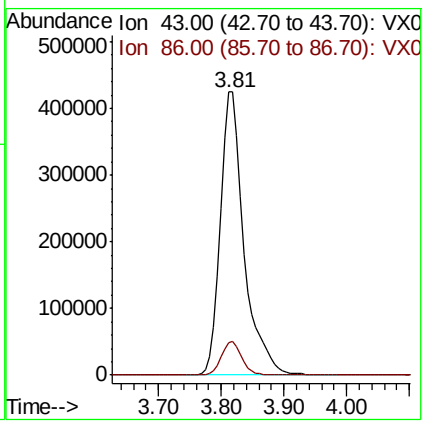


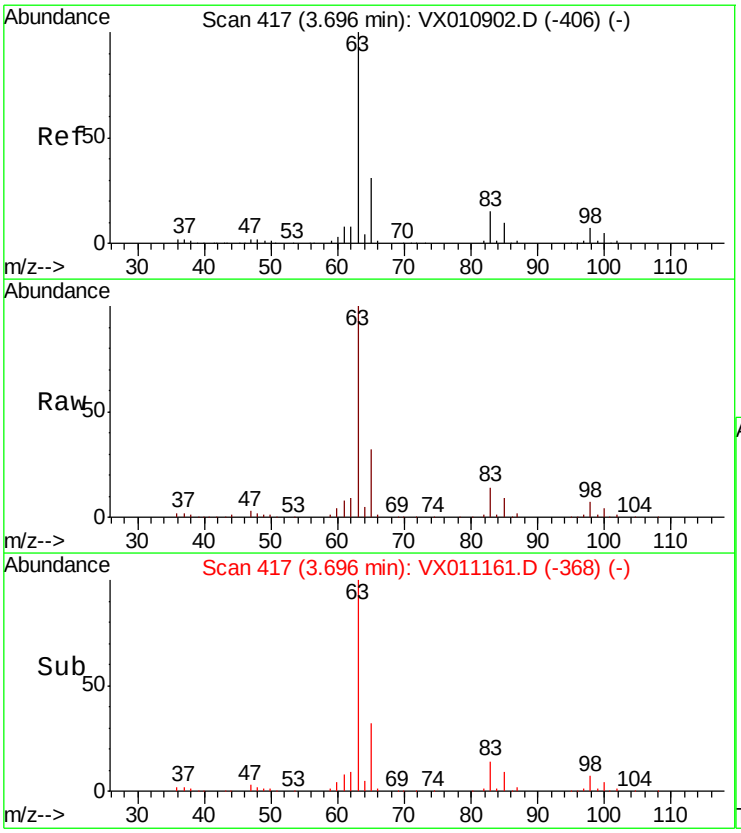

#23
Vinyl Acetate
Concen: 261.130 ug/l
RT: 3.81 min Scan# 436
Delta R.T. -0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 43 Resp: 1110870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.6 | 9.4 | 14.0 |

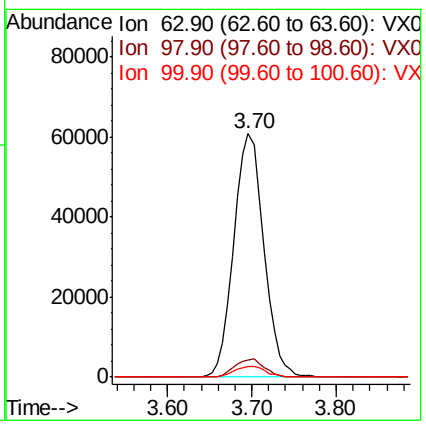


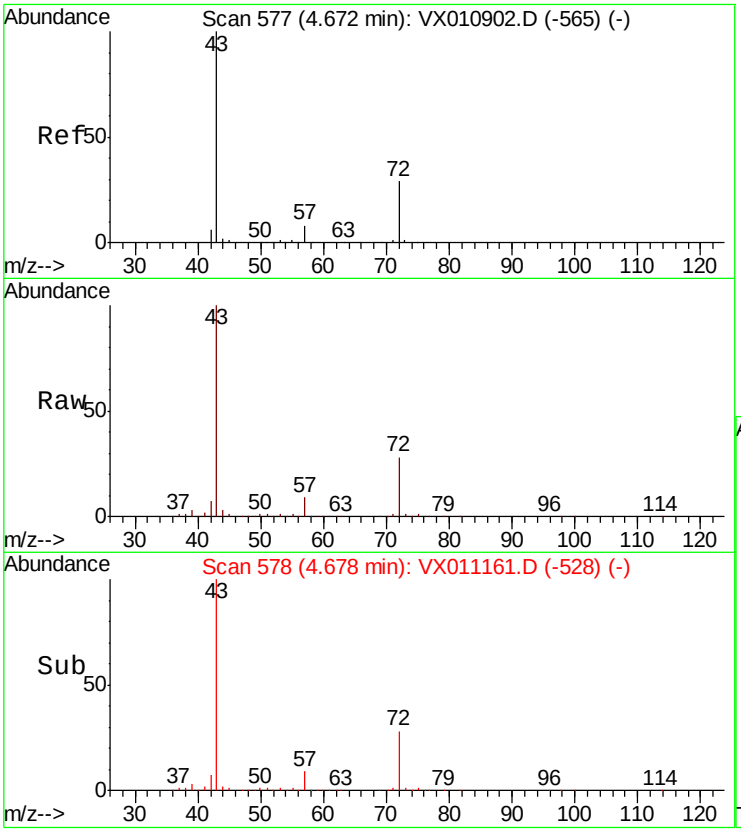




#24
1,1-Dichloroethane
Concen: 50.287 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 63 Resp: 146628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.2 | 3.6 | 10.9 |
| 100 | 4.4 | 2.4 | 7.2 |



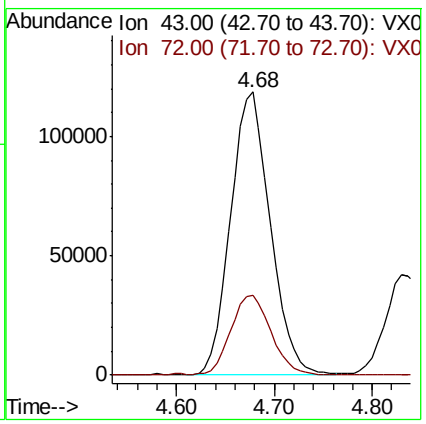


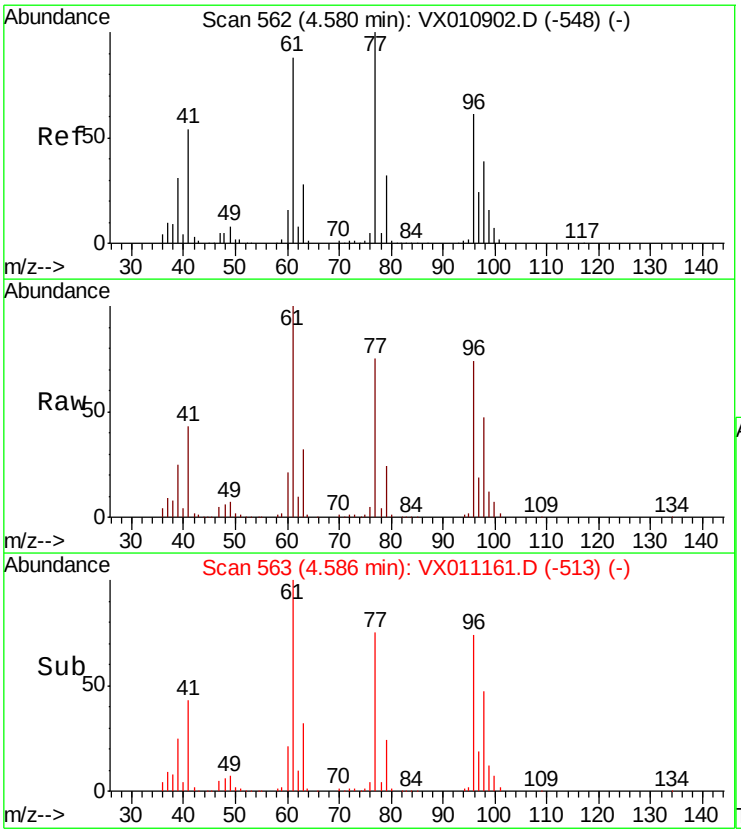

#25
2-Butanone
Concen: 261.895 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 43 Resp: 332366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.0 | 23.0 | 34.6 |

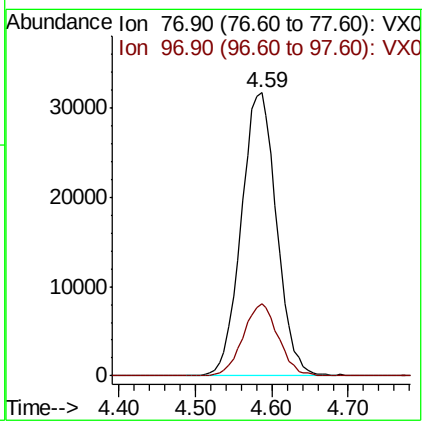


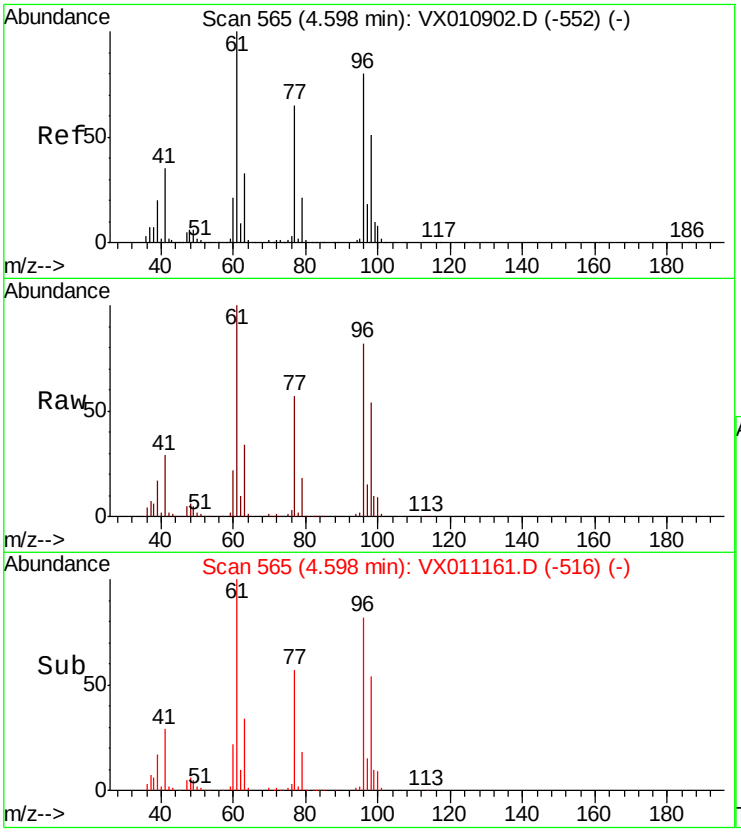




#26
2,2-Dichloropropane
Concen: 42.447 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 77 Resp: 101624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 25.4 | 12.6 | 37.6 |



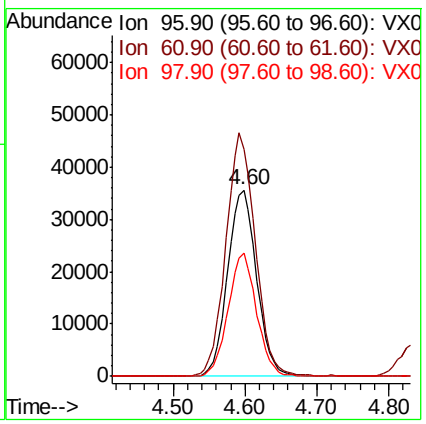


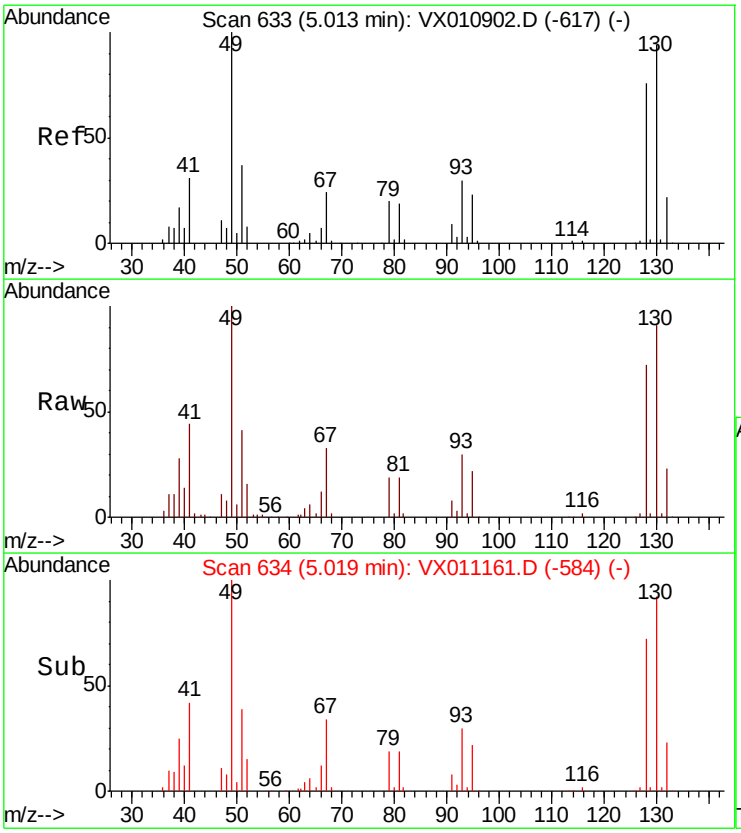

#27
cis-1,2-Dichloroethene
Concen: 49.635 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 96 Resp: 99893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 132.0 | 0.0 | 269.0 |
| 98 | 64.7 | 0.0 | 131.4 |

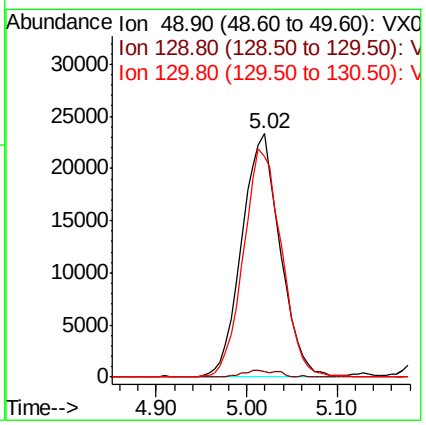


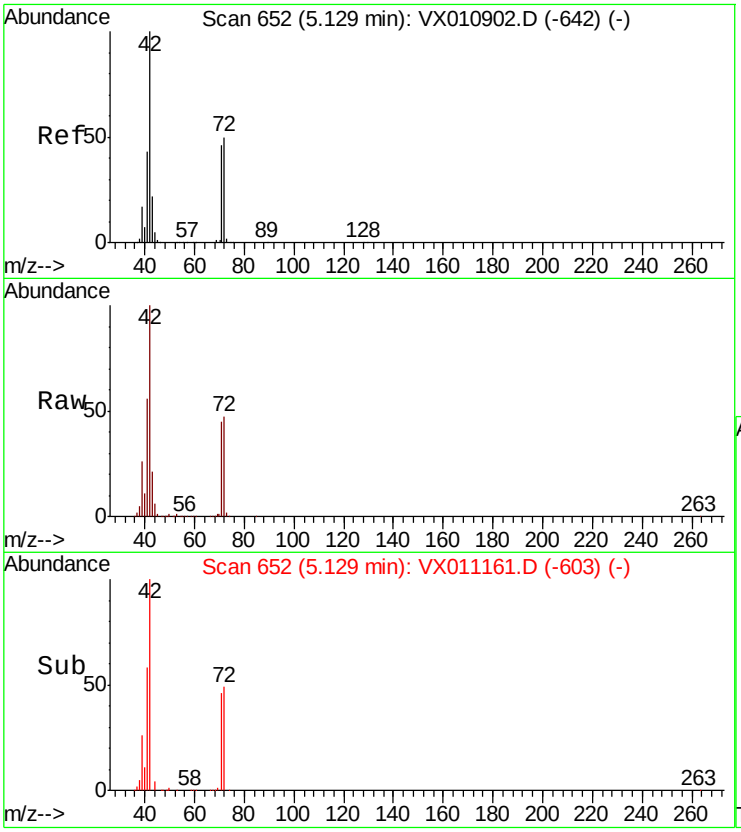




#28
Bromochloromethane
Concen: 49.916 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 49 Resp: 68587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.5 | 0.0 | 5.2 |
| 130 | 92.9 | 76.9 | 115.3 |



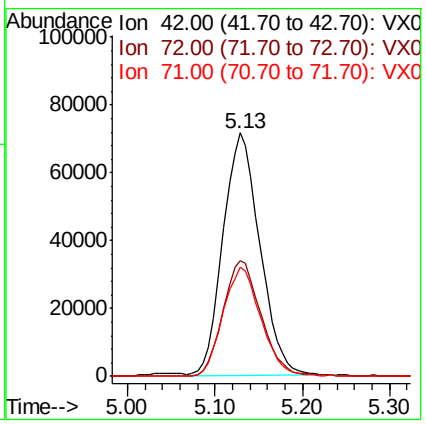


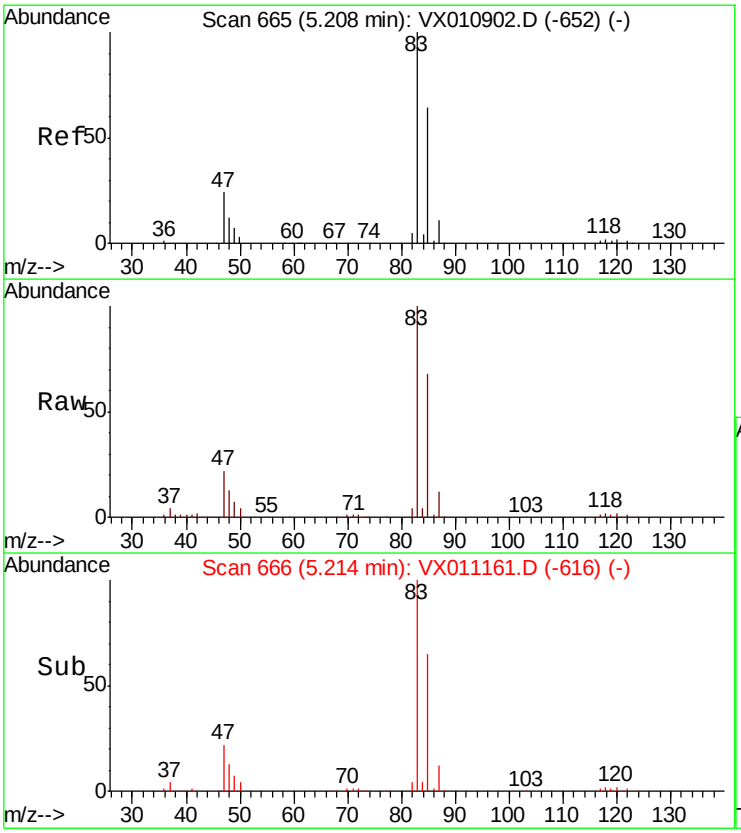

#29
Tetrahydrofuran
Concen: 261.122 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 42 Resp: 209913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 49.5 | 39.8 | 59.8 |
| 71 | 45.9 | 37.0 | 55.4 |

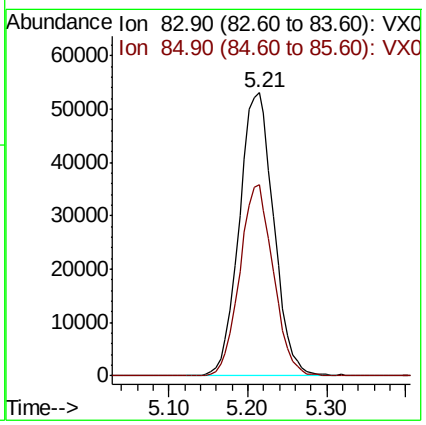


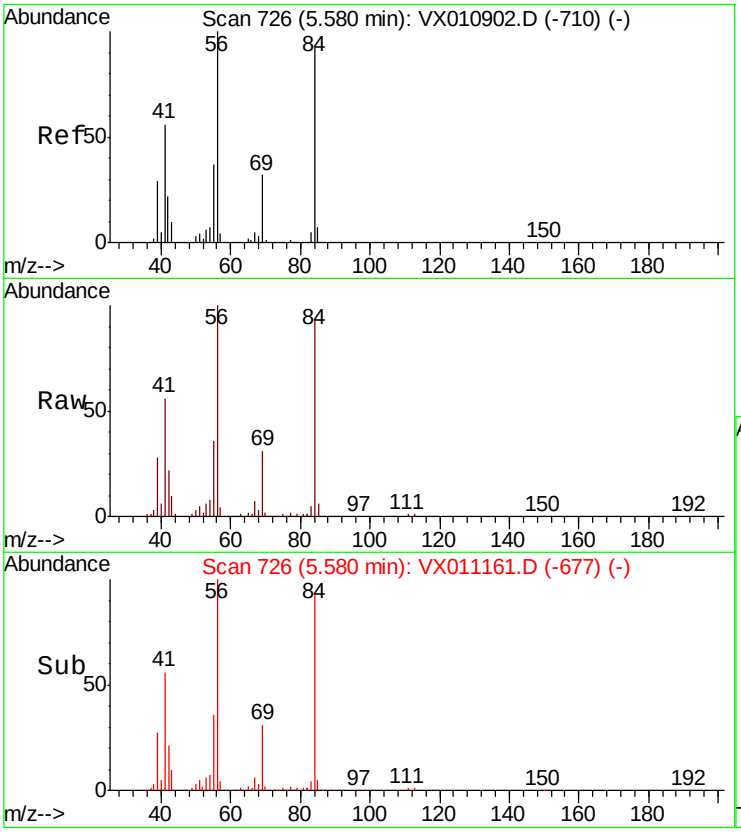




#30
Chloroform
Concen: 51.247 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 83 Resp: 161515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.7 | 51.4 | 77.0 |



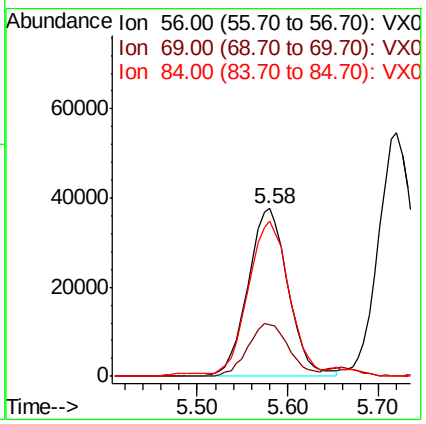


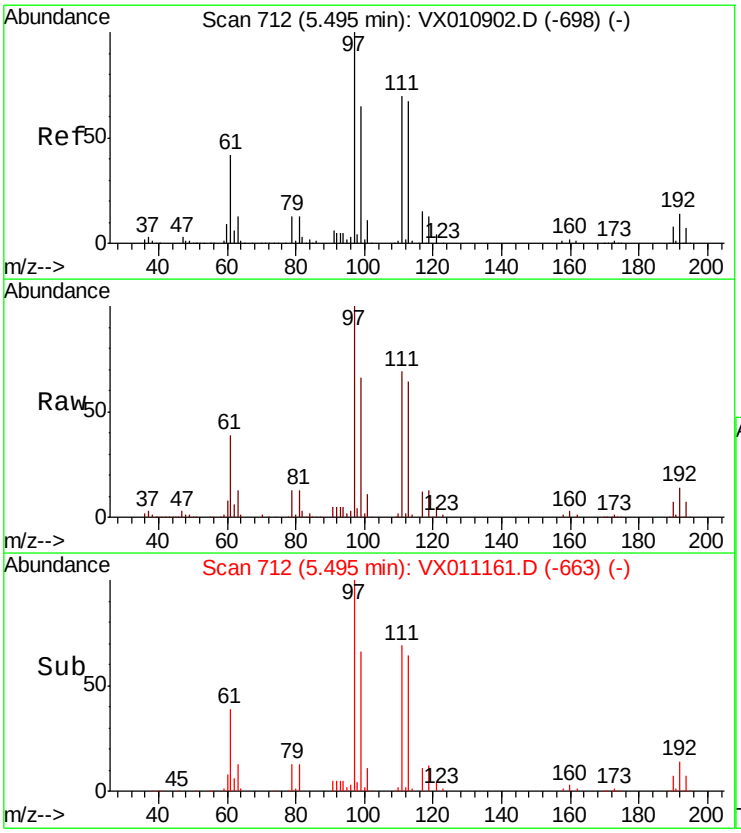

#31
Cyclohexane
Concen: 43.443 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 56 Resp: 115461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.6 | 25.8 | 38.8 |
| 84 | 90.8 | 73.8 | 110.6 |

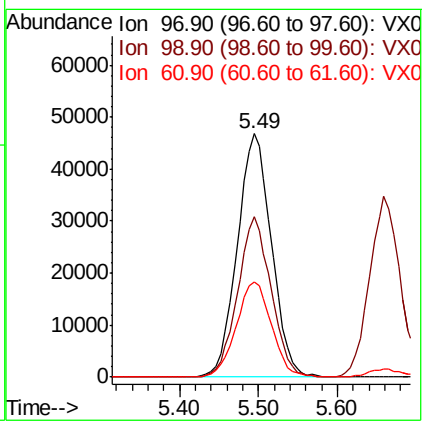


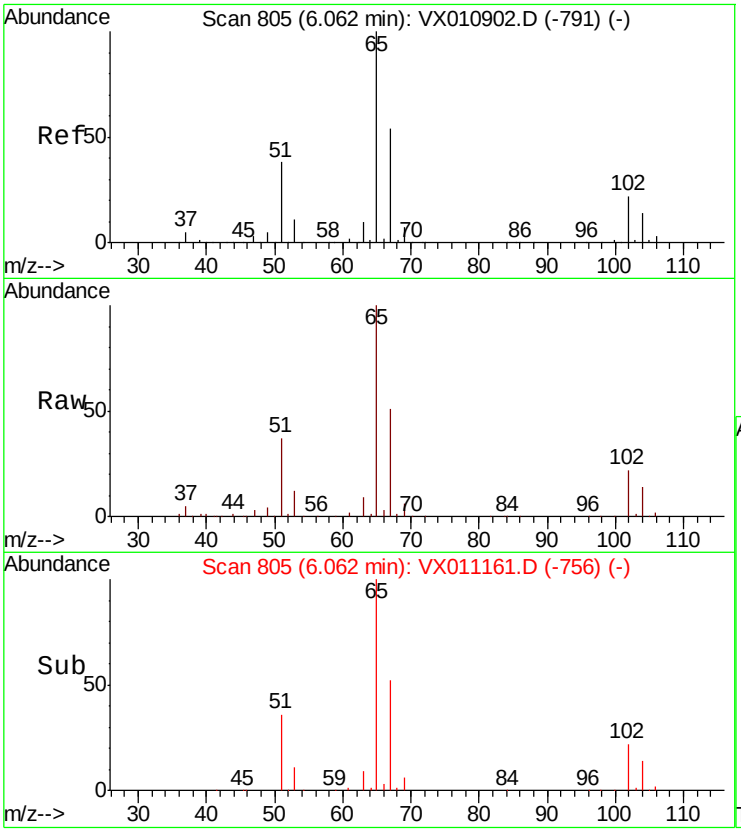




#32
1,1,1-Trichloroethane
Concen: 51.620 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 97 Resp: 140754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.5 | 51.4 | 77.0 |
| 61 | 40.6 | 33.0 | 49.6 |



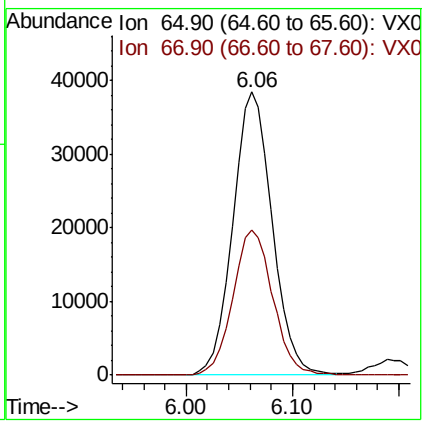


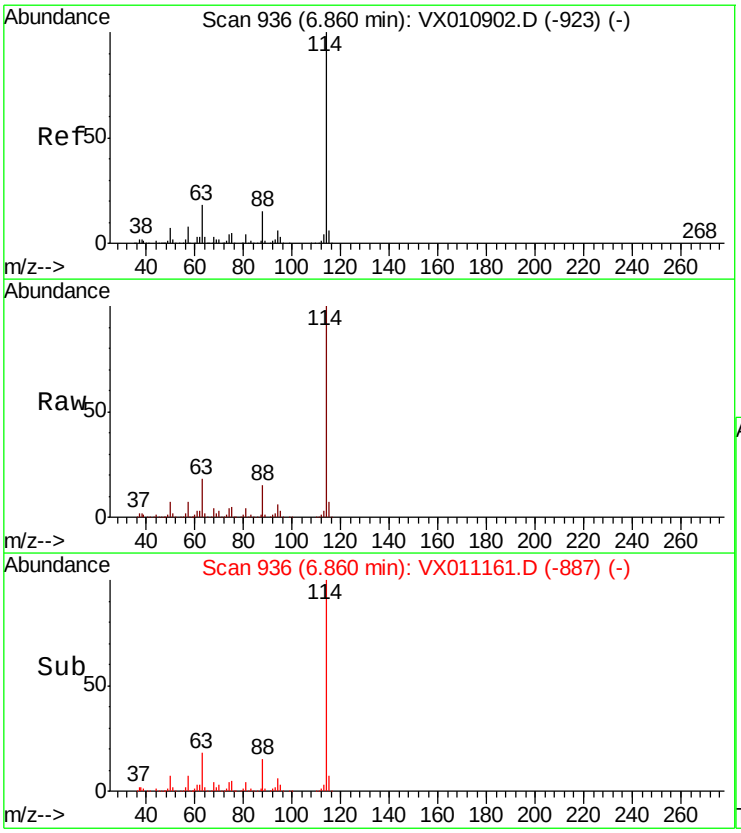

#33
1,2-Dichloroethane-d4
Concen: 50.891 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 65 Resp: 99617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.0 | 0.0 | 107.8 |

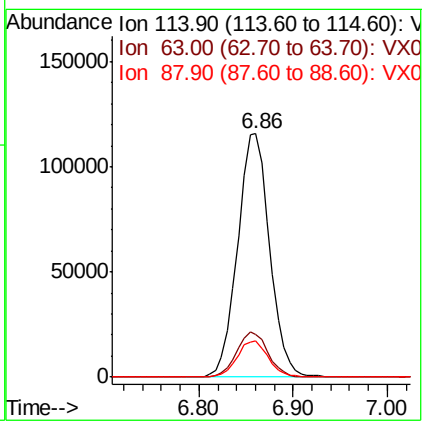


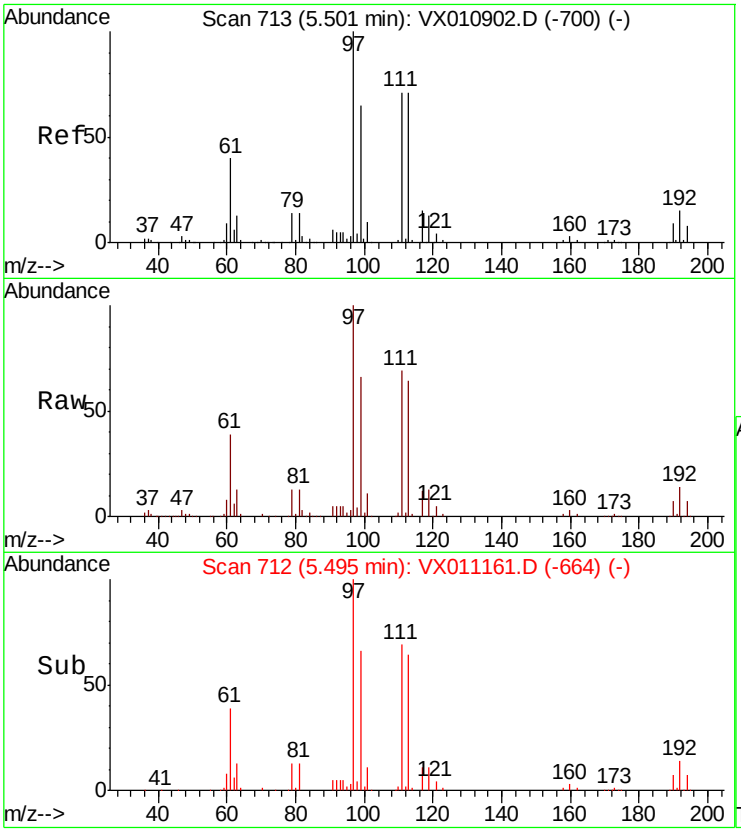




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:114 Resp: 275817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.8 | 0.0 | 35.6 |
| 88 | 14.7 | 0.0 | 29.8 |



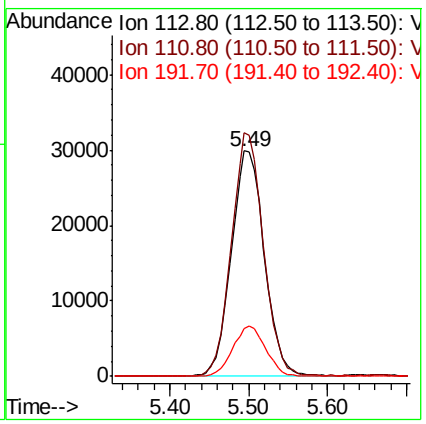


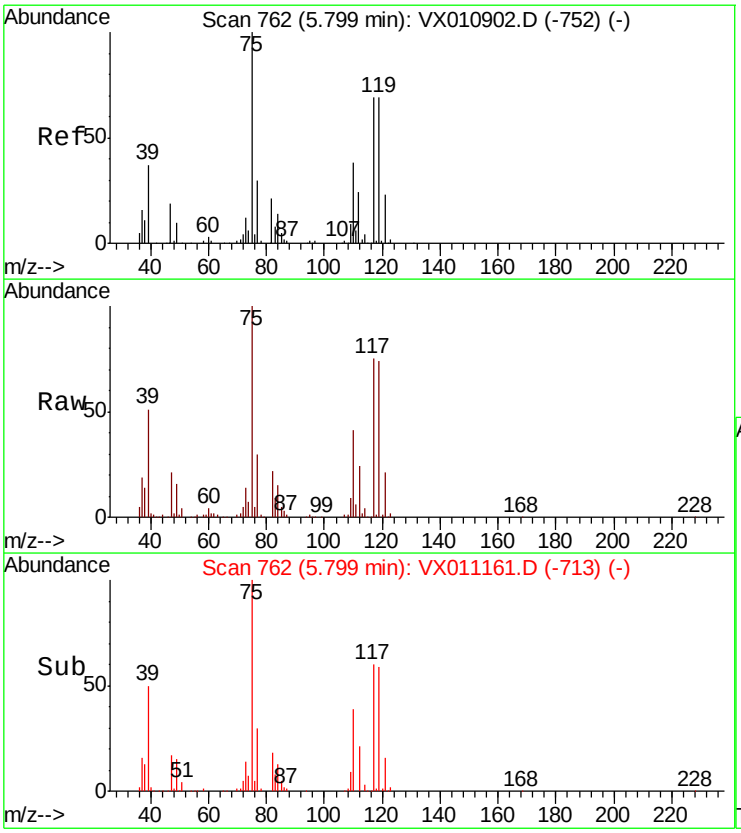

#35
Dibromofluoromethane
Concen: 49.825 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion:113 Resp: 87227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.4 | 82.3 | 123.5 |
| 192 | 22.2 | 17.4 | 26.2 |

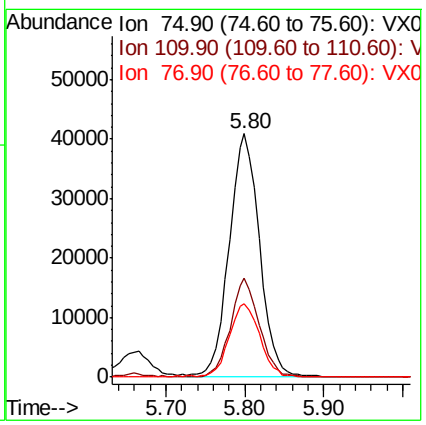


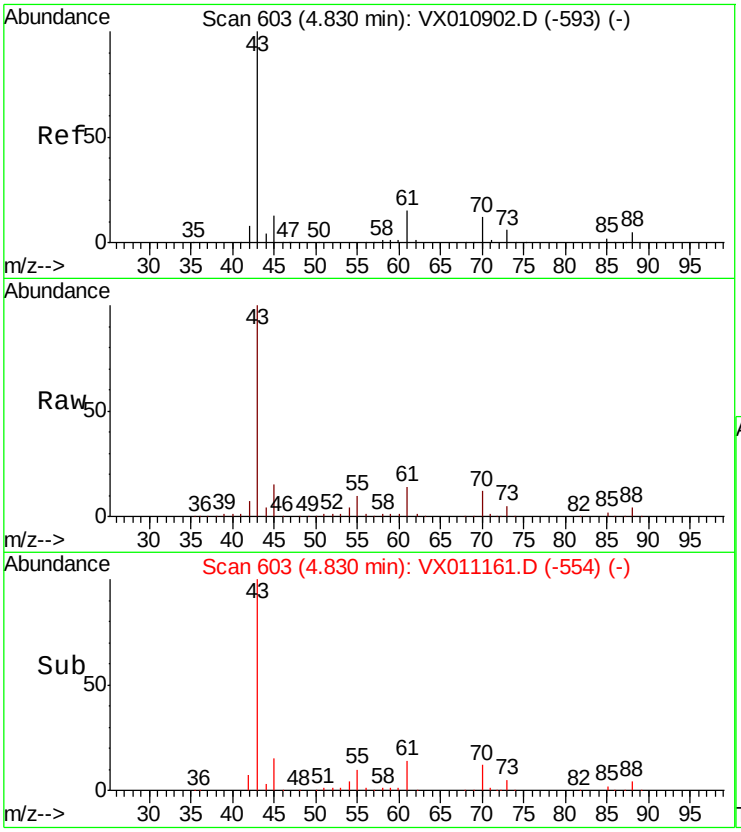




#36
1,1-Dichloropropene
Concen: 48.409 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 75 Resp: 109674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 38.4 | 19.9 | 59.7 |
| 77 | 30.3 | 25.0 | 37.4 |



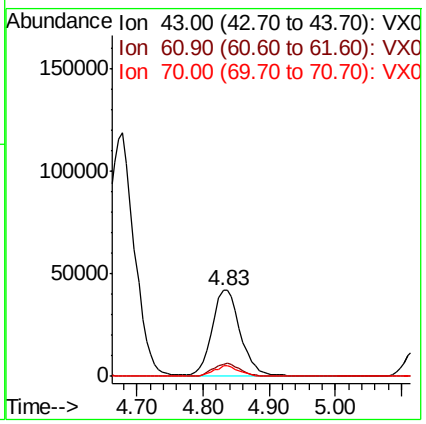


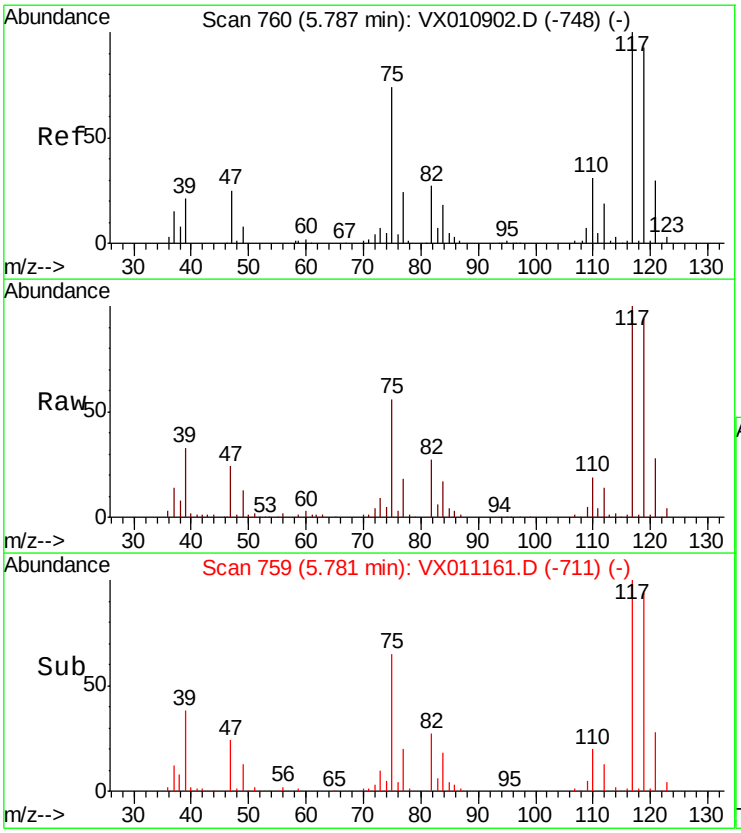

#37
Ethyl Acetate
Concen: 53.517 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 43 Resp: 124154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.9 | 11.6 | 17.4 |
| 70 | 11.6 | 9.1 | 13.7 |

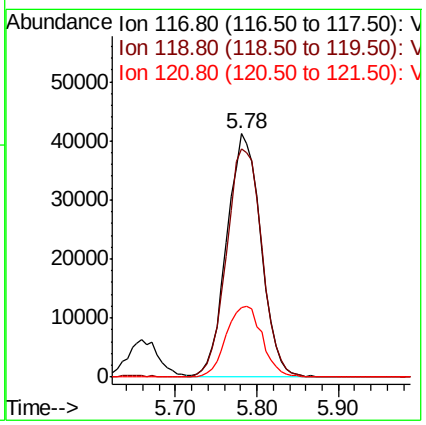


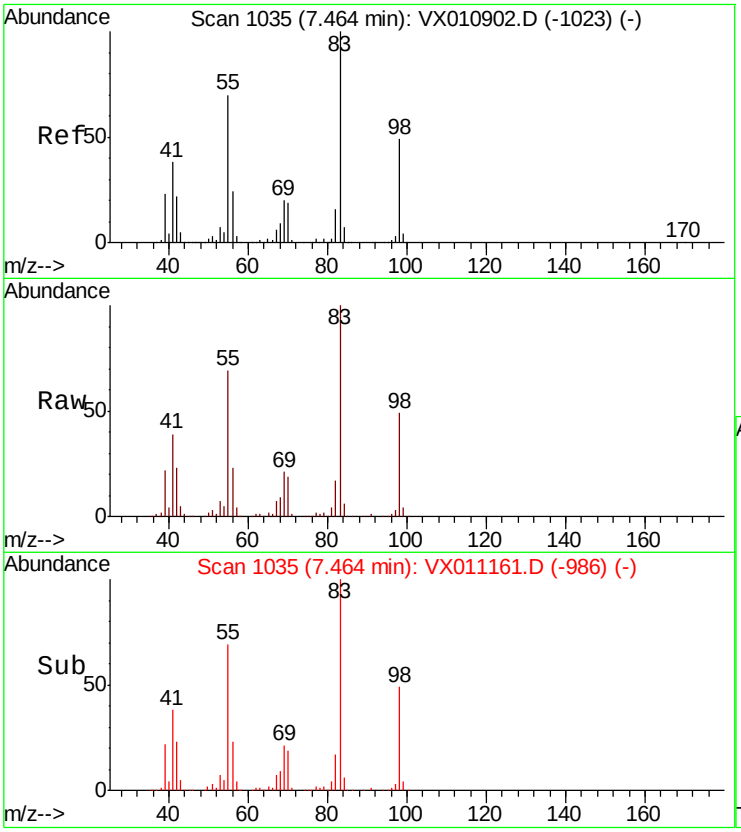




#38
Carbon Tetrachloride
Concen: 50.632 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:117 Resp: 119534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.6 | 74.2 | 111.2 |
| 121 | 28.5 | 24.2 | 36.2 |



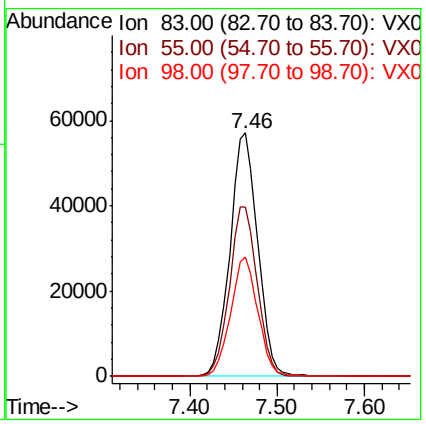


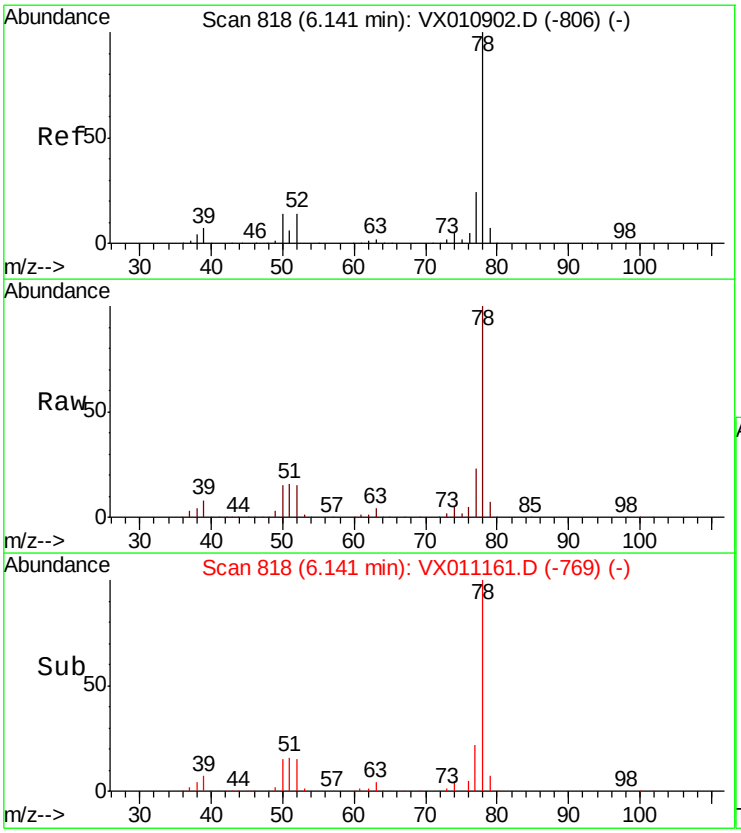

#39
Methylcyclohexane
Concen: 42.791 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 83 Resp: 125721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 69.5 | 56.2 | 84.4 |
| 98 | 49.3 | 39.0 | 58.4 |

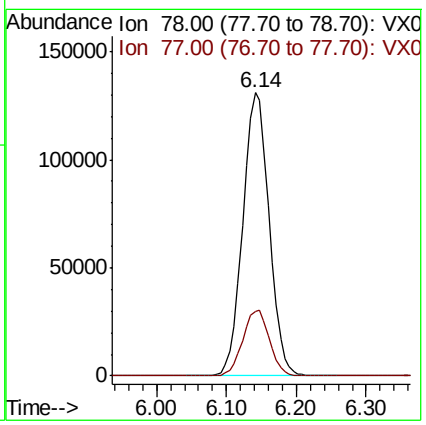


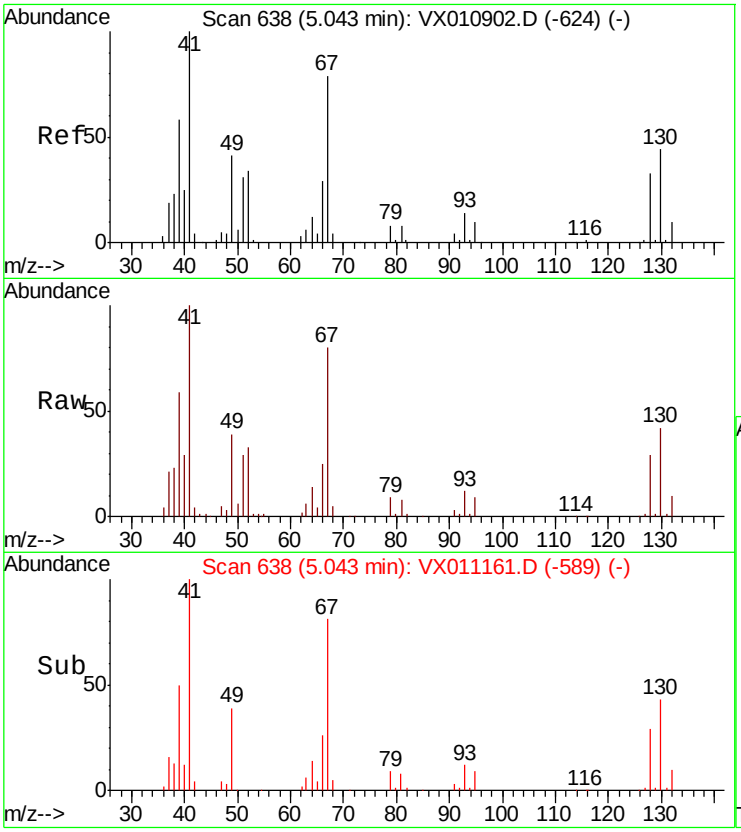




#40
Benzene
Concen: 49.312 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 78 Resp: 342221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.8 | 19.0 | 28.6 |



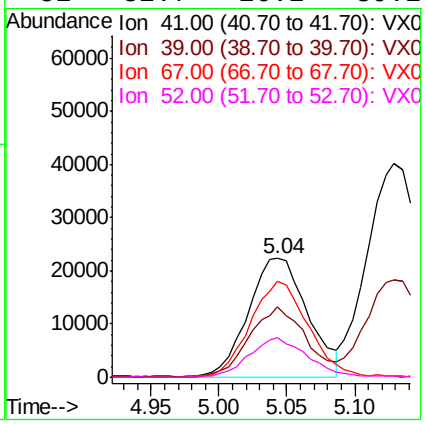


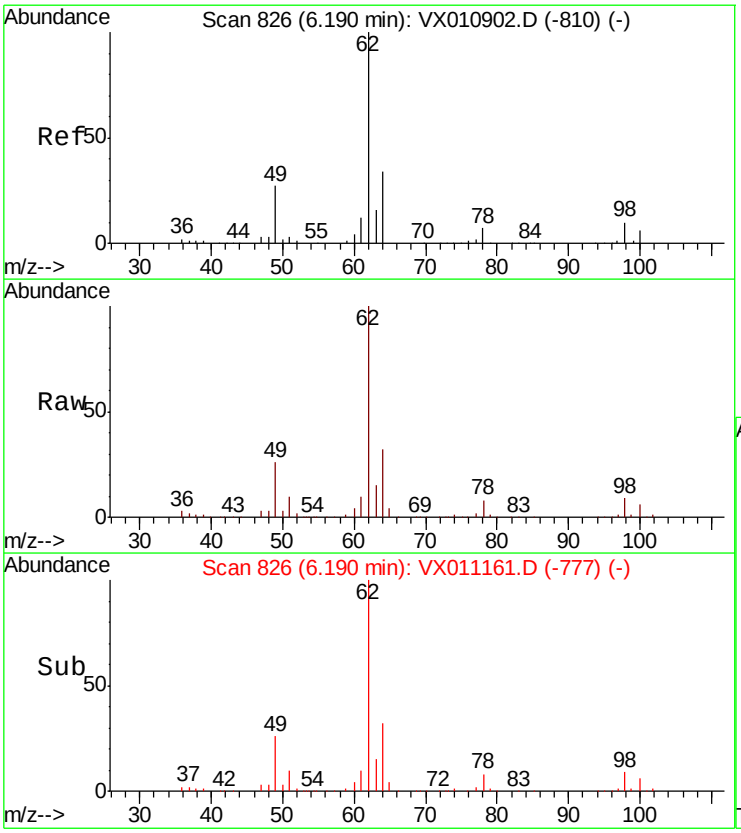

#41
Methacrylonitrile
Concen: 51.576 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 41 Resp: 67923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 56.4 | 45.4 | 68.2 |
| 67 | 79.4 | 65.9 | 98.9 |
| 52 | 32.7 | 26.2 | 39.2 |

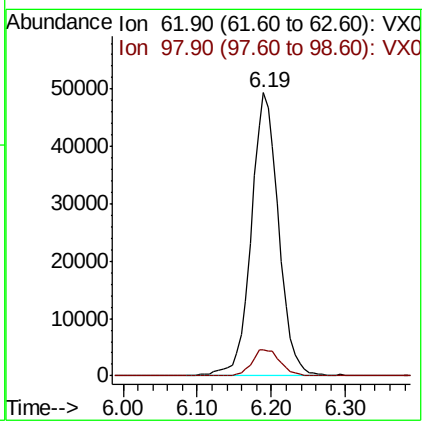


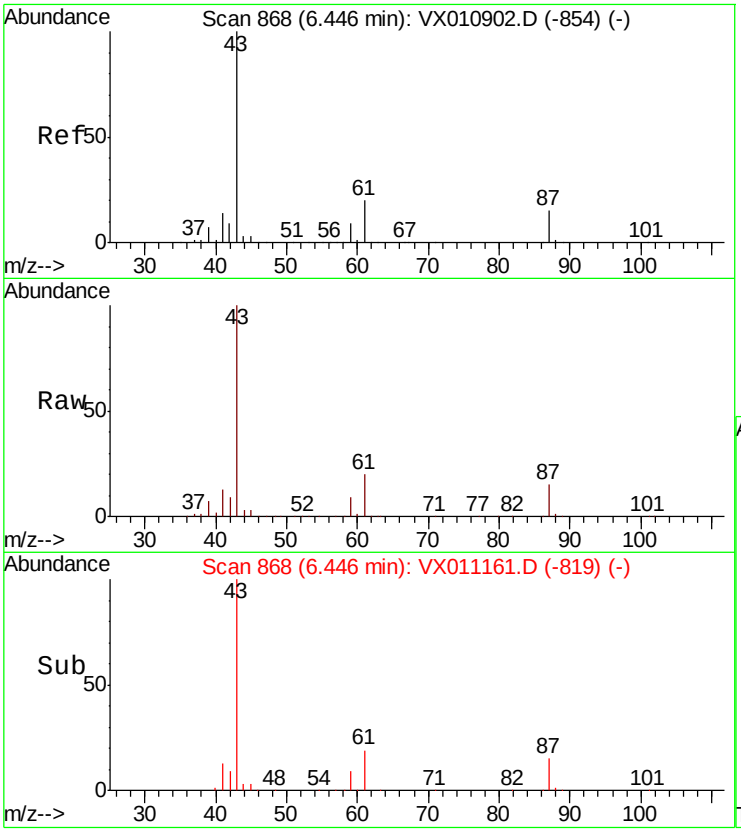




#42
1,2-Dichloroethane
Concen: 52.226 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 62 Resp: 126021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.8 | 0.0 | 20.0 |



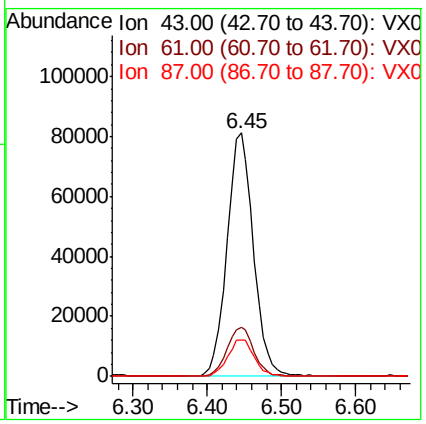


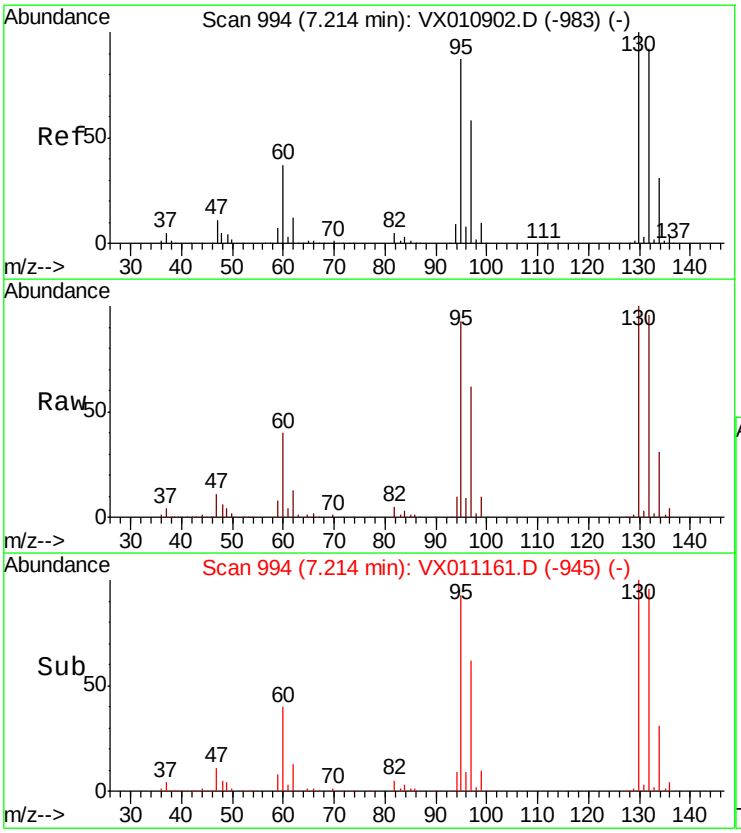

#43
Isopropyl Acetate
Concen: 52.547 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 43 Resp: 200447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.6 | 17.1 | 25.7 |
| 87 | 15.4 | 12.0 | 18.0 |

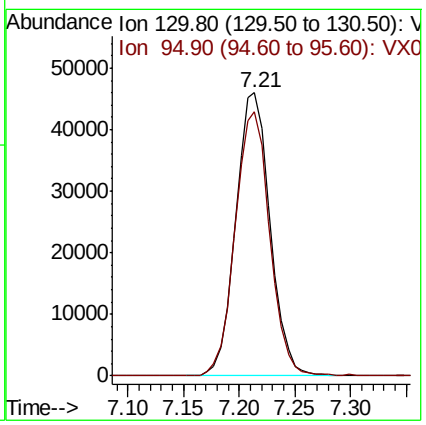


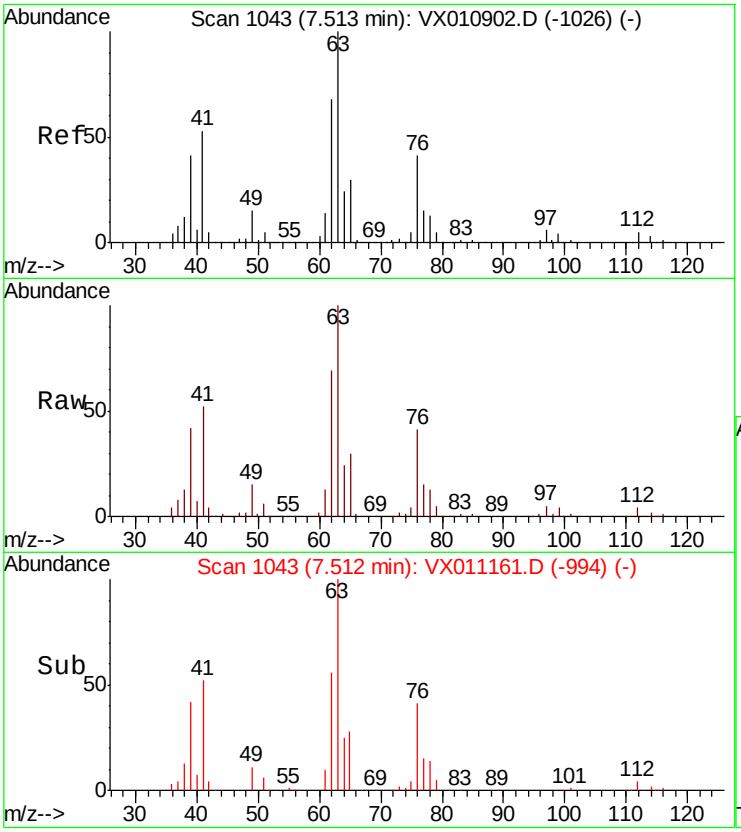




#44
Trichloroethene
Concen: 47.768 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:130 Resp: 98128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 93.3 | 0.0 | 174.8 |



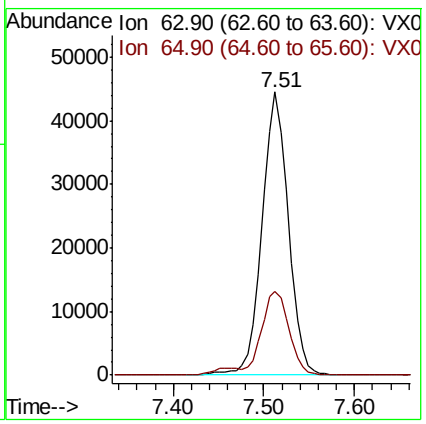


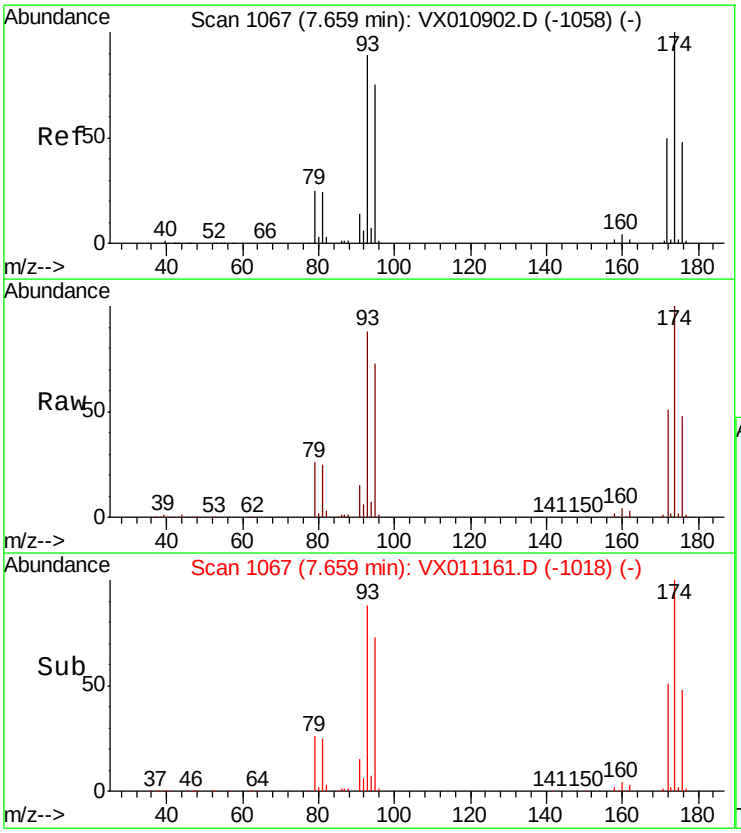

#45
1,2-Dichloropropane
Concen: 50.572 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 63 Resp: 89328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.6 | 24.4 | 36.6 |

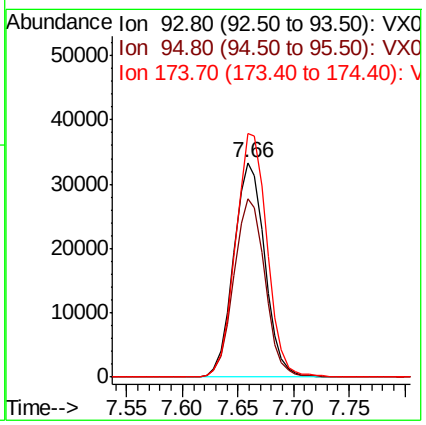


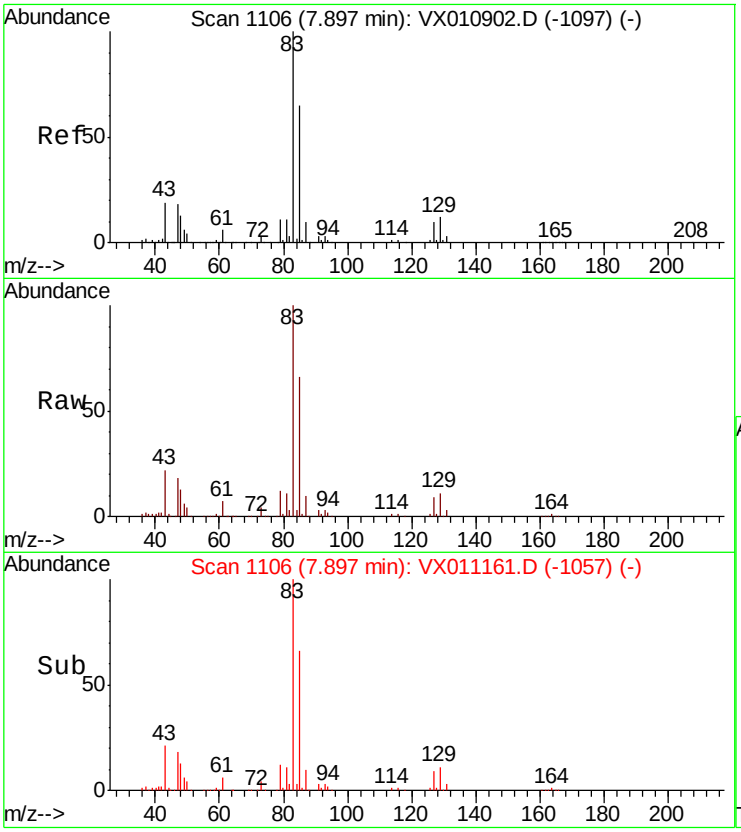




#46
Dibromomethane
Concen: 51.283 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 93 Resp: 64728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.5 | 67.2 | 100.8 |
| 174 | 115.0 | 90.6 | 135.8 |



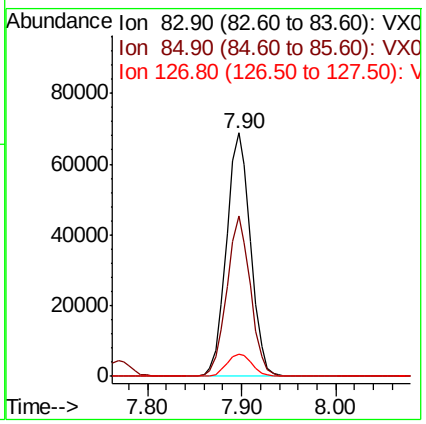


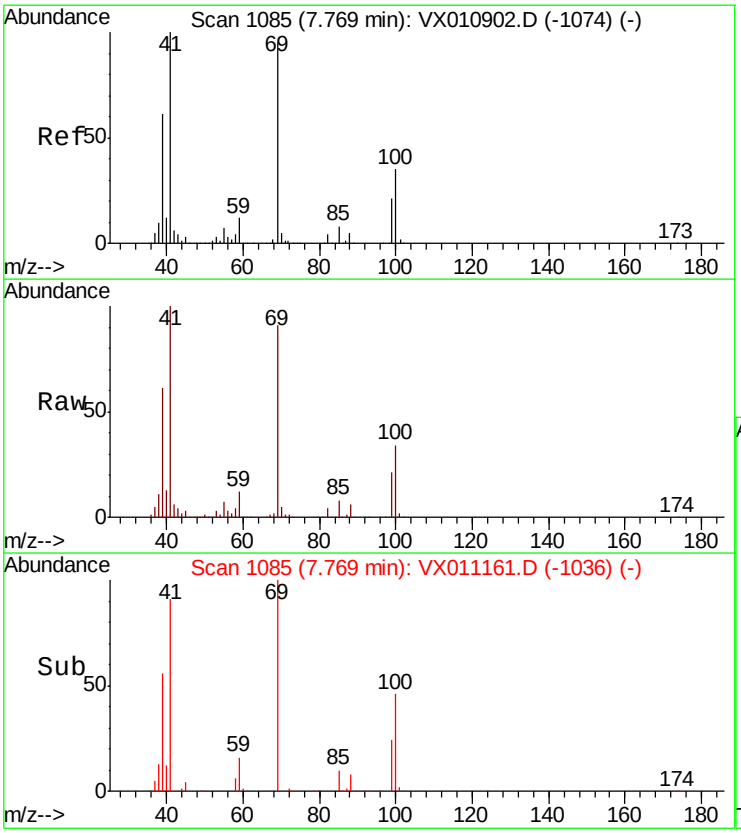

#47
Bromodichloromethane
Concen: 54.098 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 83 Resp: 121546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.7 | 52.5 | 78.7 |
| 127 | 8.9 | 7.8 | 11.8 |

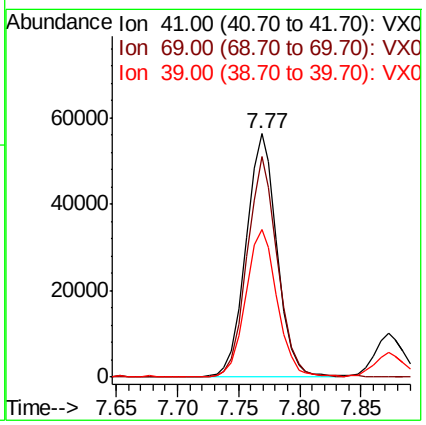


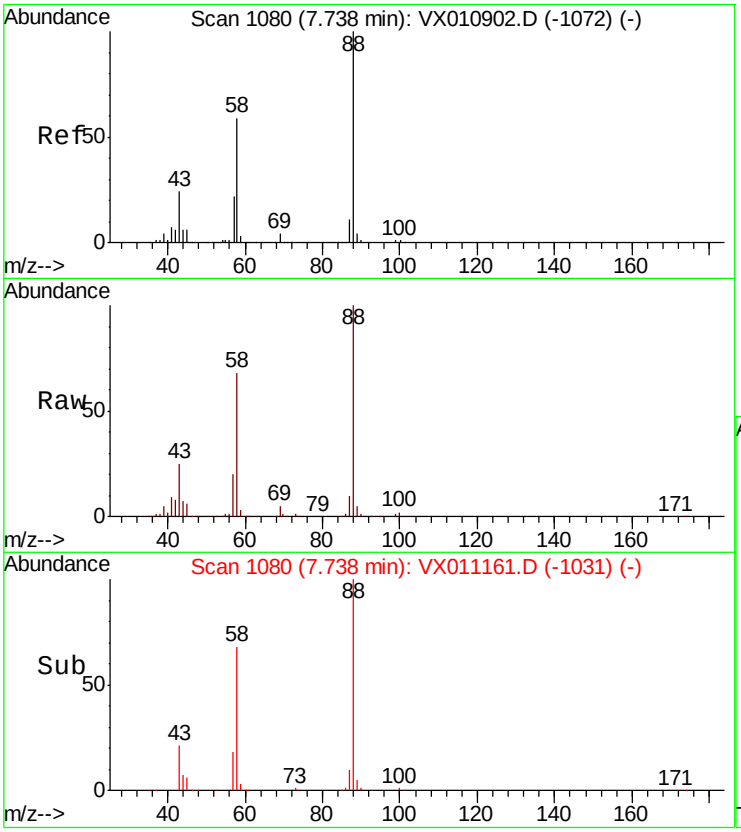




#48
Methyl methacrylate
Concen: 53.087 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 41 Resp: 98651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 89.3 | 74.4 | 111.6 |
| 39 | 61.4 | 48.9 | 73.3 |



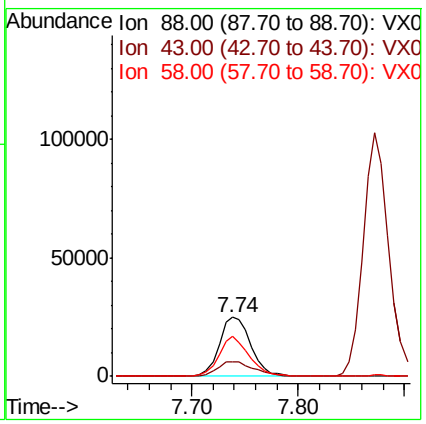


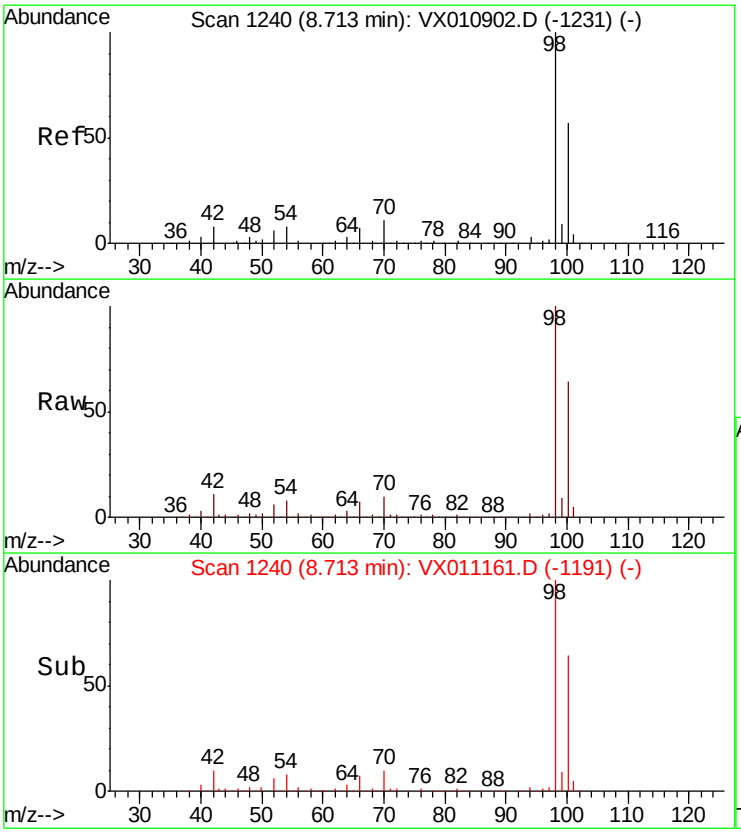

#49
1,4-Dioxane
Concen: 989.792 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 88 Resp: 51450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 28.7 | 22.9 | 34.3 |
| 58 | 64.7 | 49.8 | 74.8 |

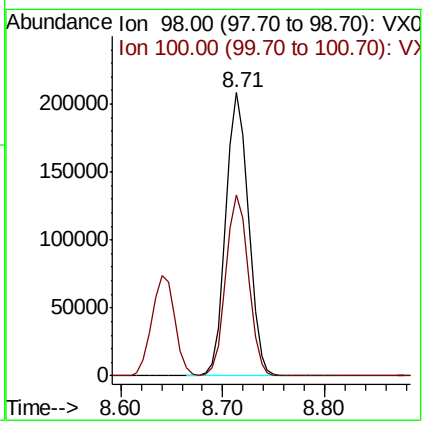


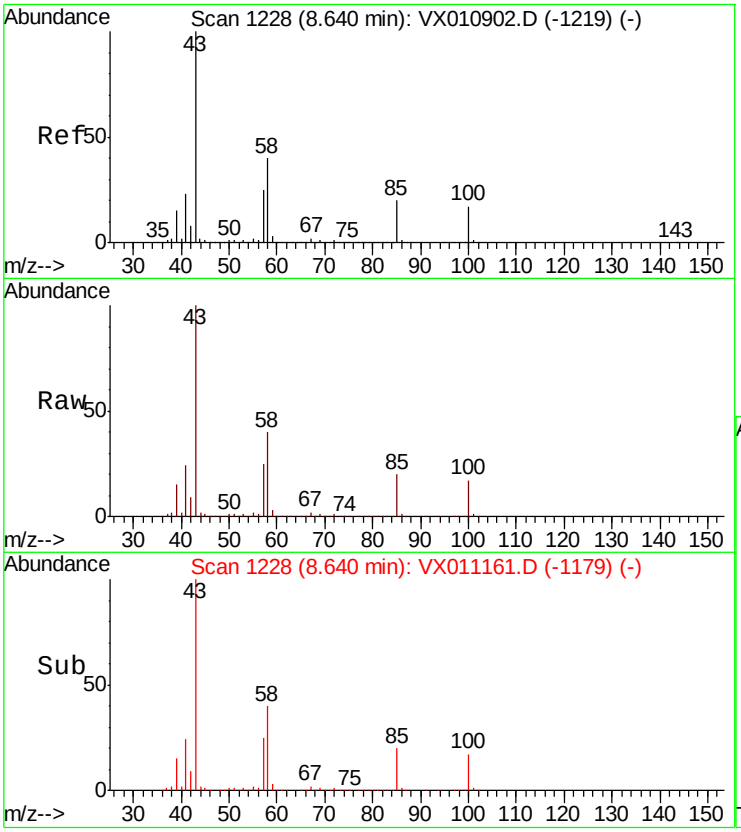




#50
Toluene-d8
Concen: 48.690 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 98 Resp: 319705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.7 | 50.6 | 75.8 |



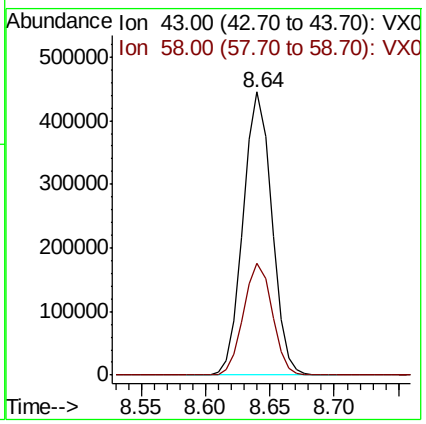


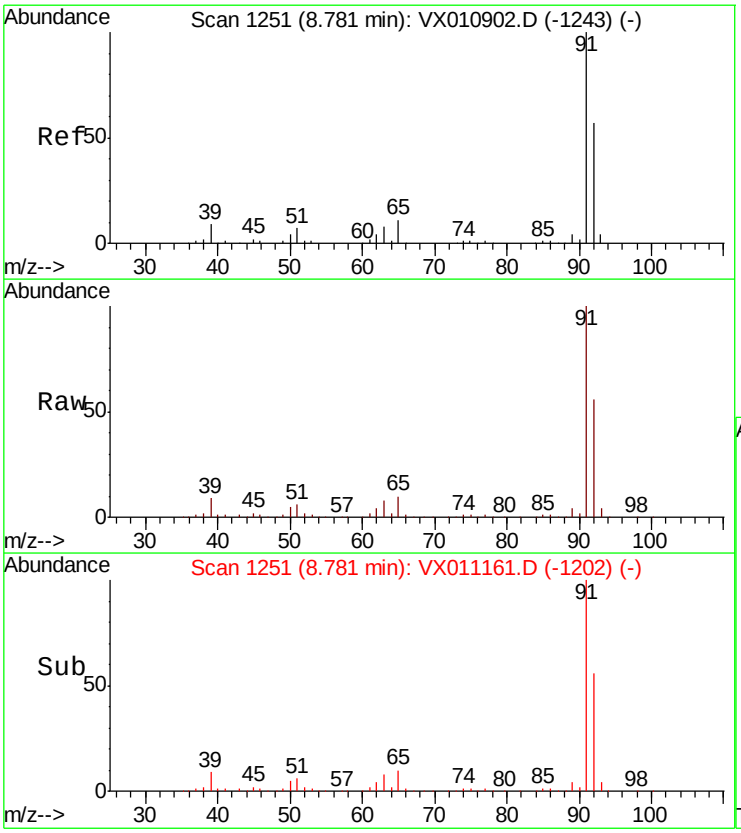

#51
4-Methyl-2-Pentanone
Concen: 276.430 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 43 Resp: 683548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.8 | 32.2 | 48.4 |

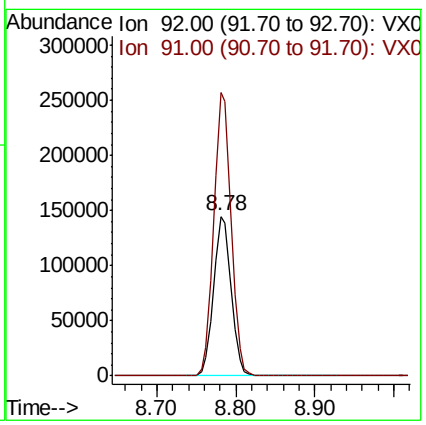


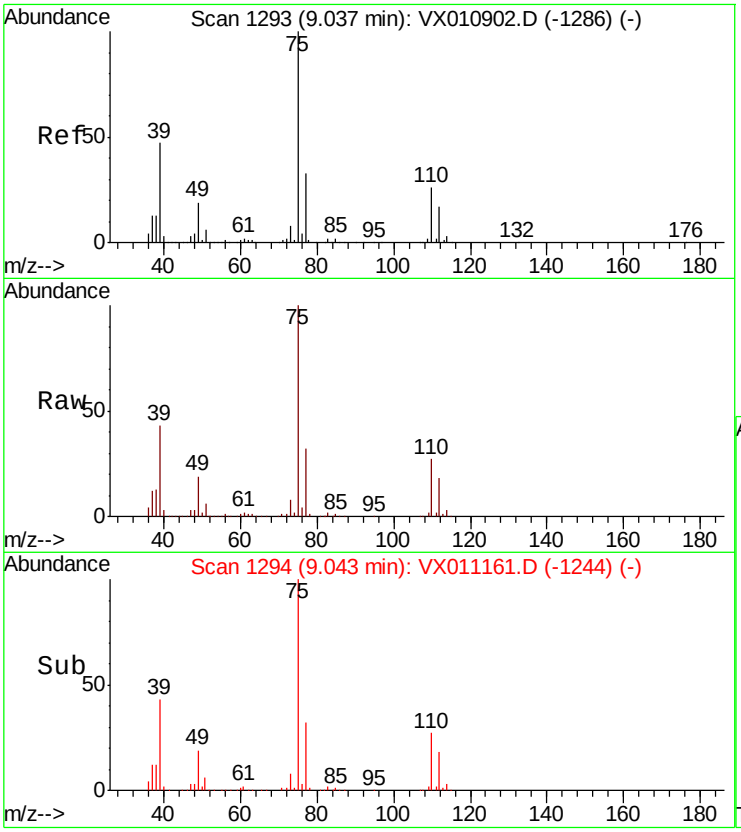




#52
Toluene
Concen: 49.218 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 92 Resp: 224388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 176.0 | 139.4 | 209.0 |



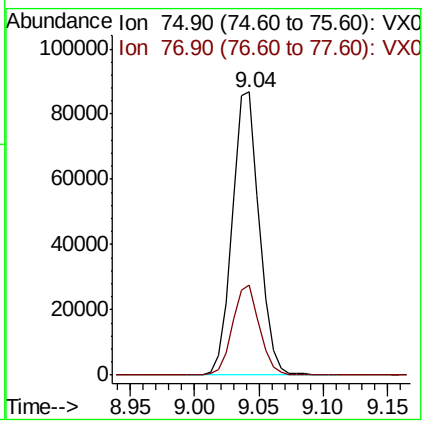


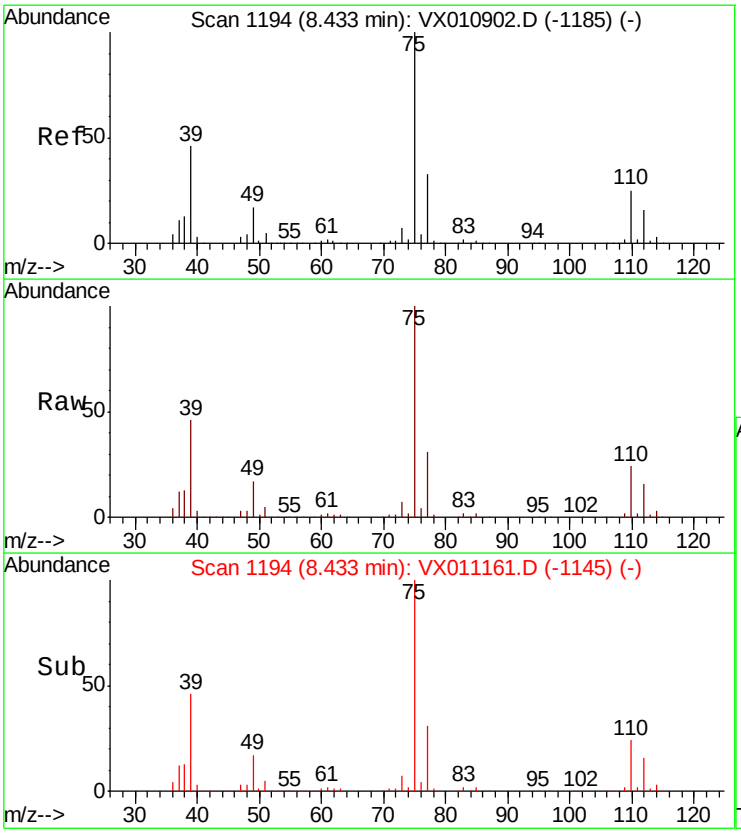

#53
t-1,3-Dichloropropene
Concen: 52.526 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 75 Resp: 126895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.8 | 26.2 | 39.2 |

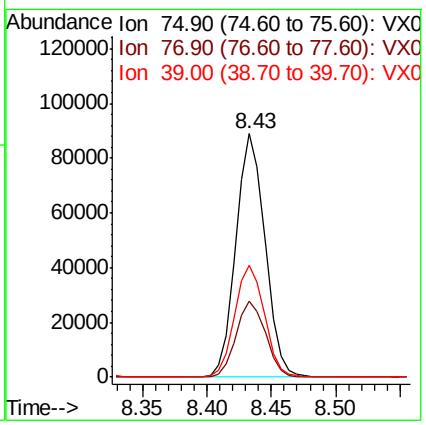


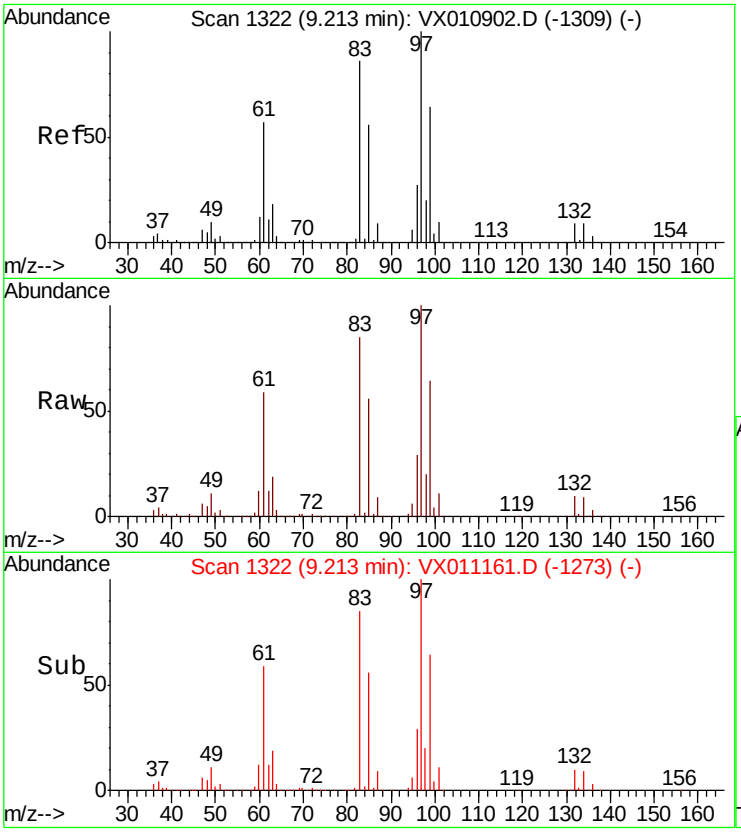




#54
cis-1,3-Dichloropropene
Concen: 51.736 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 75 Resp: 139077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.2 | 26.1 | 39.1 |
| 39 | 45.6 | 36.6 | 54.8 |



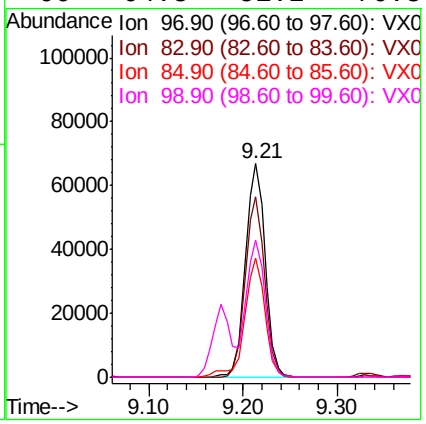


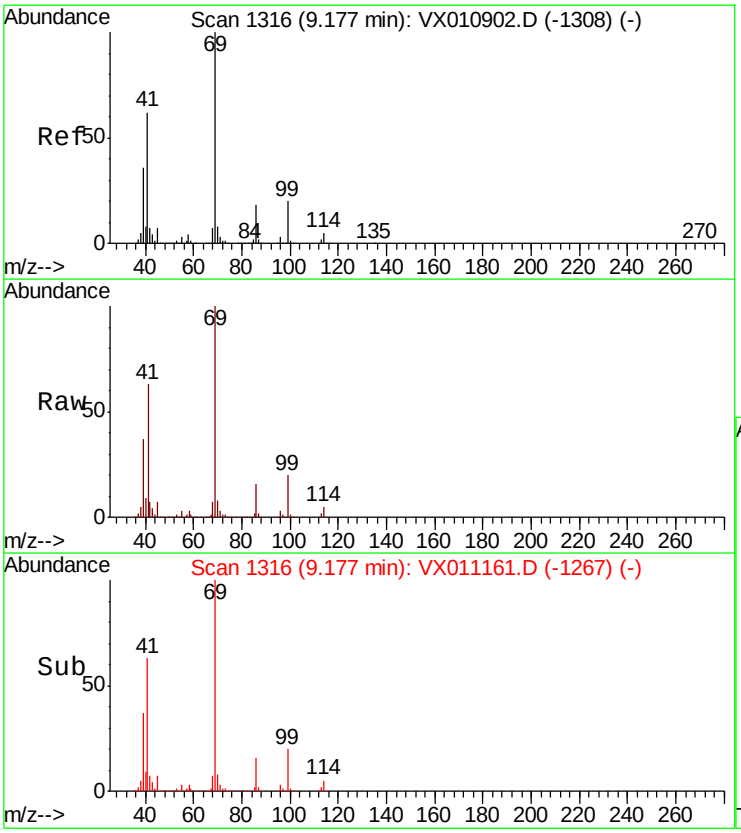

#55
1,1,2-Trichloroethane
Concen: 52.291 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 97 Resp: 98160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 84.7 | 69.2 | 103.8 |
| 85 | 55.9 | 44.6 | 66.8 |
| 99 | 64.3 | 51.2 | 76.8 |

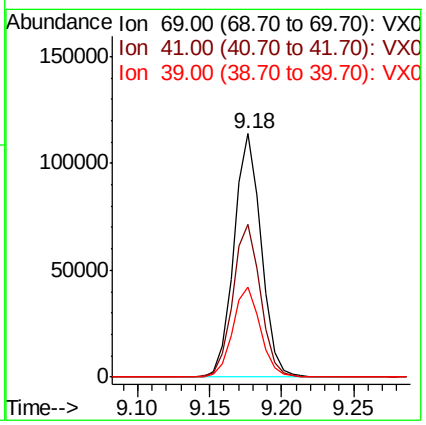


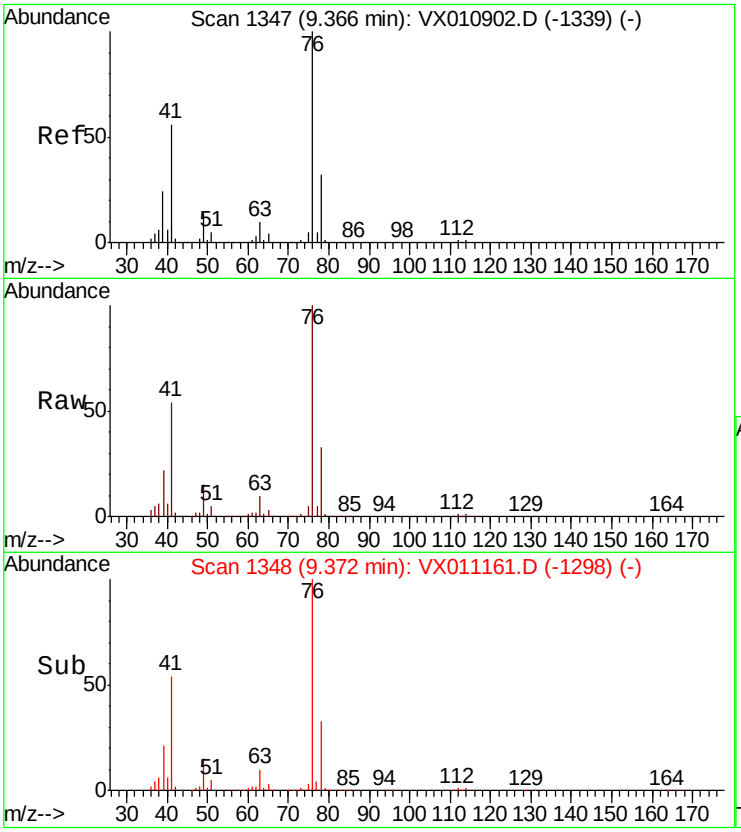




#56
Ethyl methacrylate
Concen: 54.721 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 69 Resp: 150257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 63.7 | 49.7 | 74.5 |
| 39 | 37.5 | 29.6 | 44.4 |



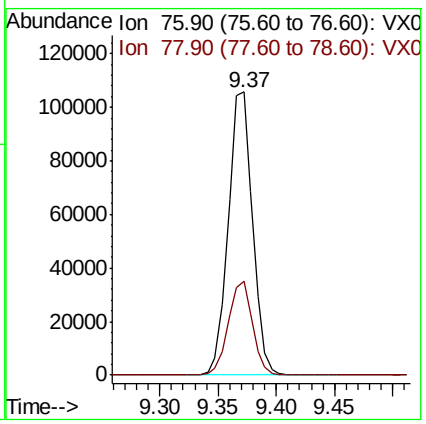


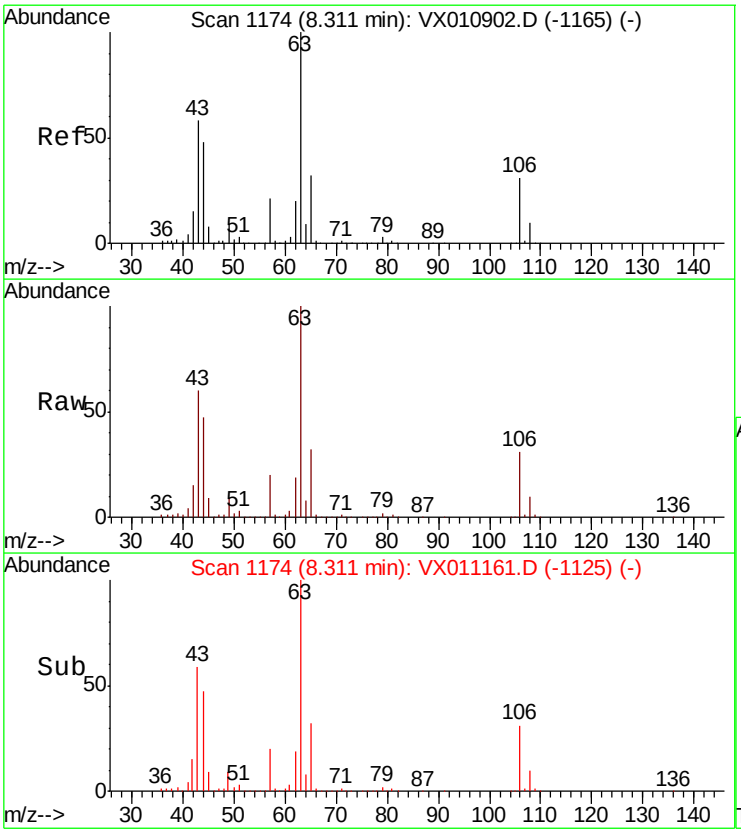

#57
1,3-Dichloropropane
Concen: 51.722 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 76 Resp: 154022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 33.1 | 25.6 | 38.4 |

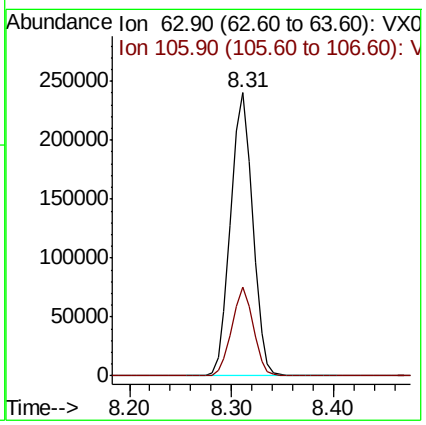


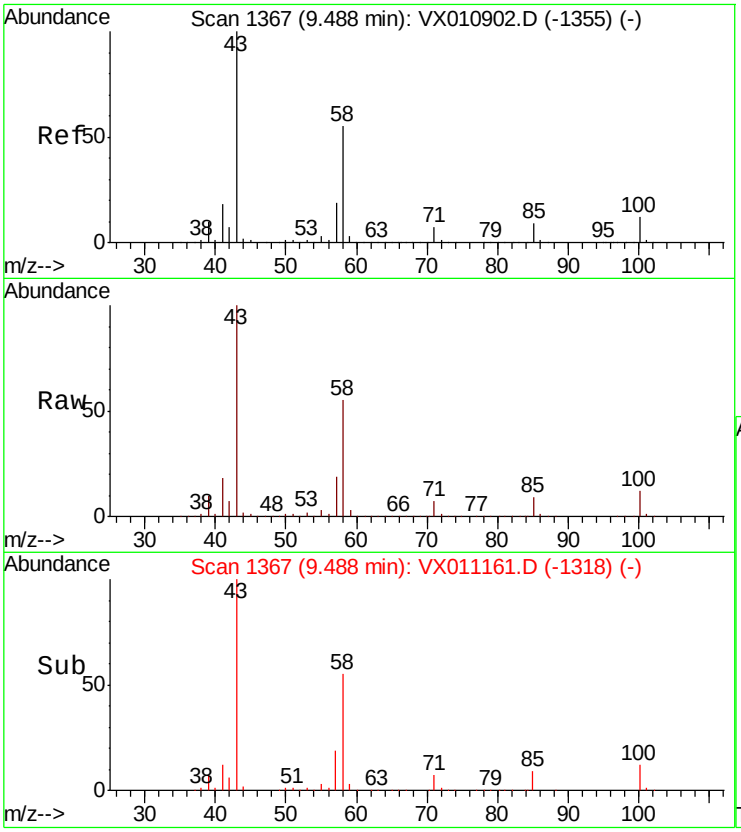




#58
2-Chloroethyl Vinyl ether
Concen: 273.926 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 63 Resp: 359053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 30.5 | 24.0 | 36.0 |



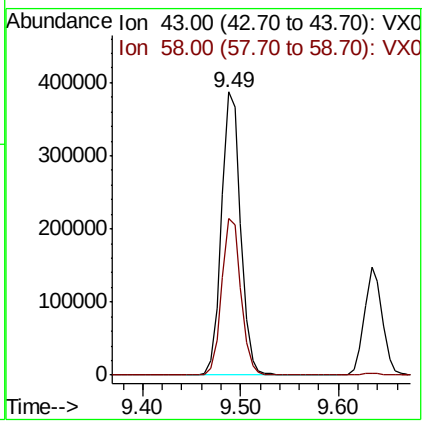


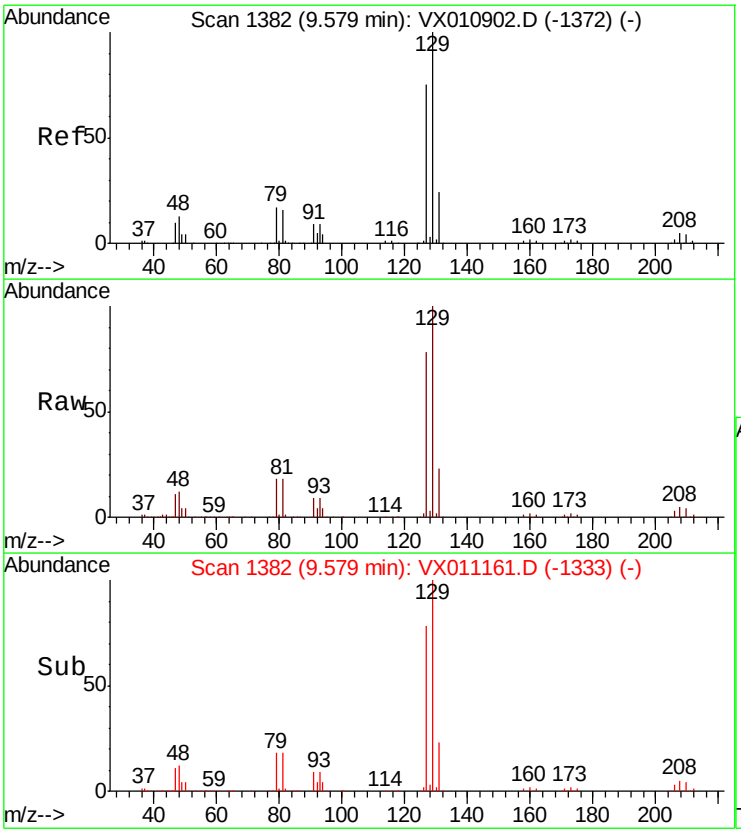

#59
2-Hexanone
Concen: 273.657 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 43 Resp: 524853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.8 | 28.0 | 83.9 |

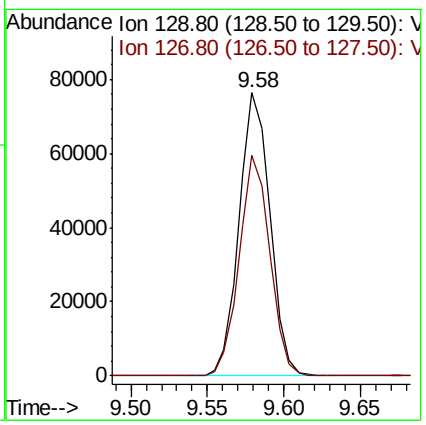


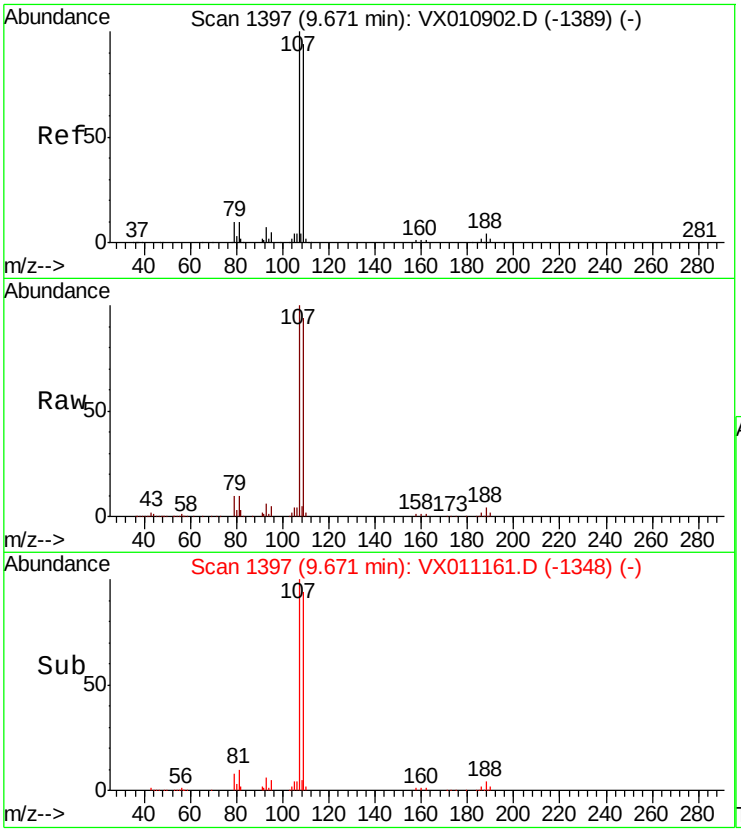




#60
Dibromochloromethane
Concen: 49.822 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:129 Resp: 107615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.1 | 38.6 | 115.8 |



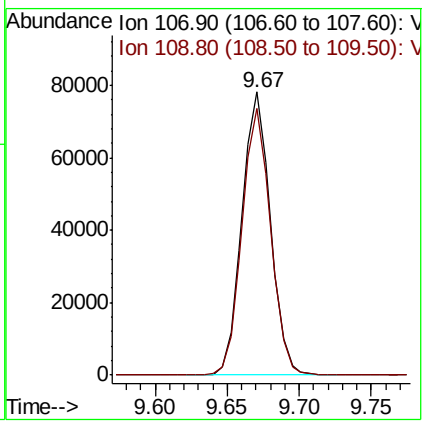


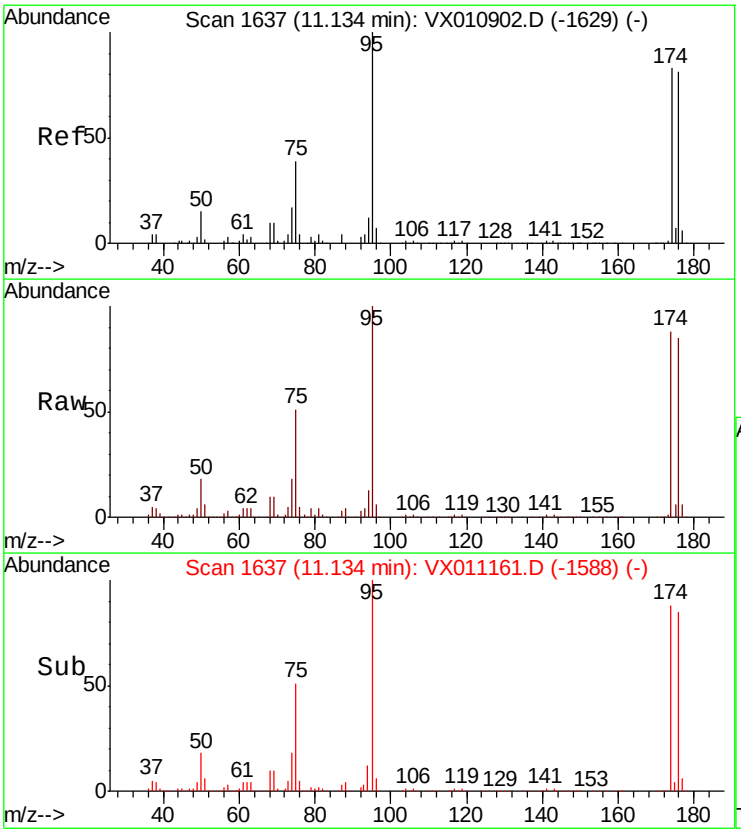

#61
1,2-Dibromoethane
Concen: 53.448 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion:107 Resp: 106477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.9 | 75.4 | 113.0 |

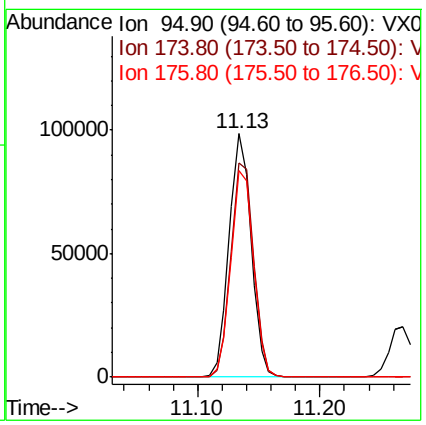


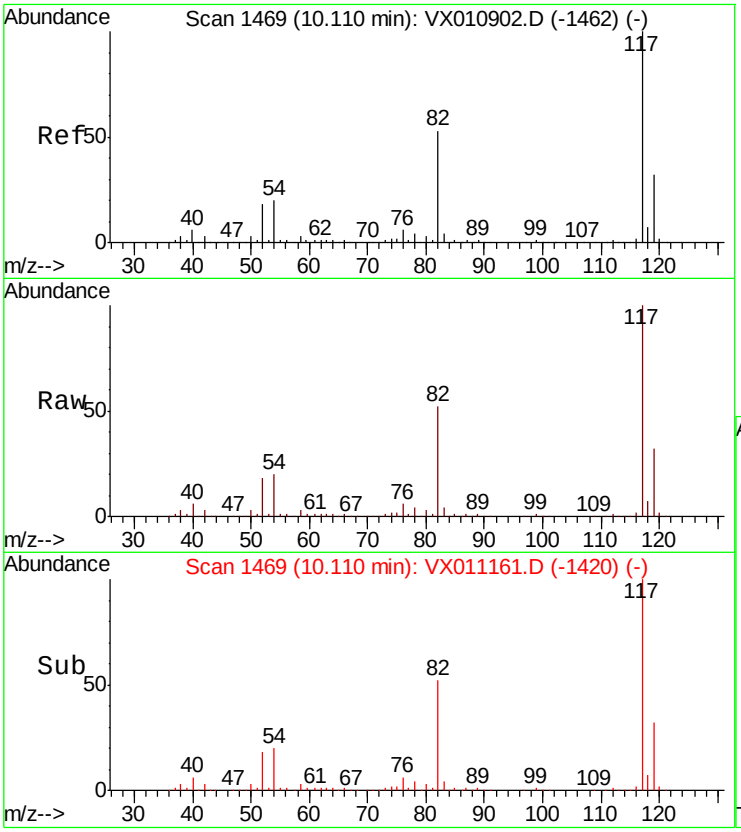




#62
4-Bromofluorobenzene
Concen: 50.648 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 95 Resp: 122239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 91.1 | 0.0 | 180.6 |
| 176 | 87.3 | 0.0 | 173.8 |



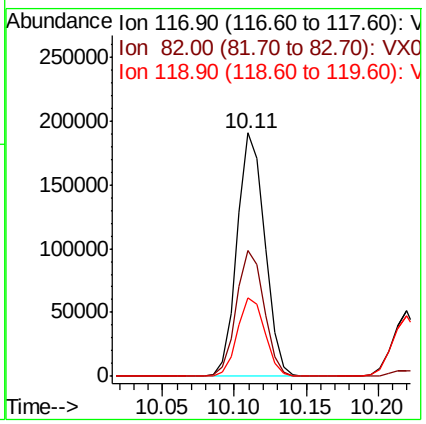


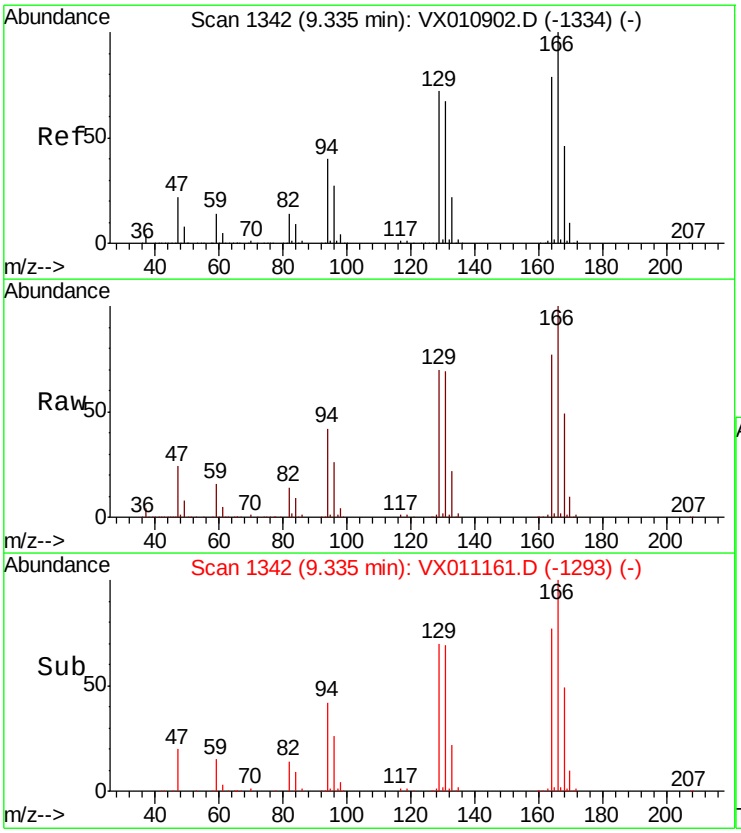

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion:117 Resp: 255158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.7 | 42.6 | 63.8 |
| 119 | 32.5 | 25.9 | 38.9 |

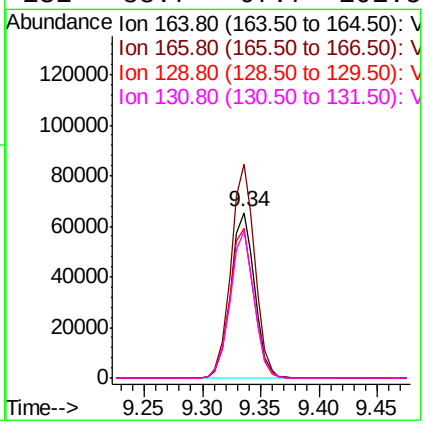


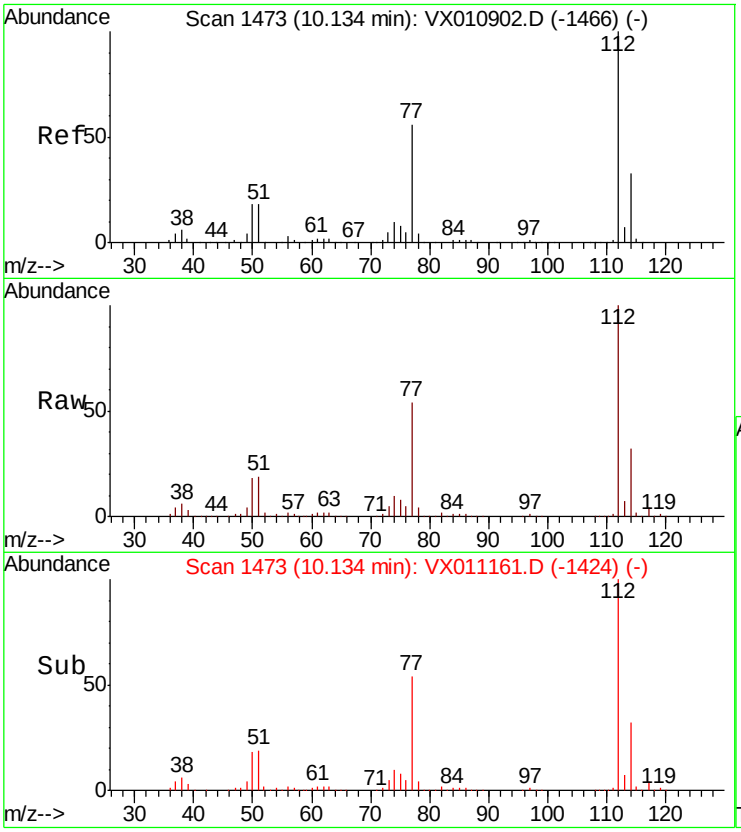




#64
Tetrachloroethene
Concen: 46.501 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:164 Resp: 93341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 129.1 | 100.8 | 151.2 |
| 129 | 90.9 | 72.6 | 109.0 |
| 131 | 88.7 | 67.7 | 101.5 |



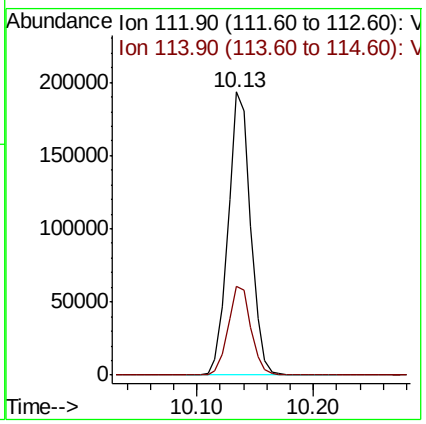


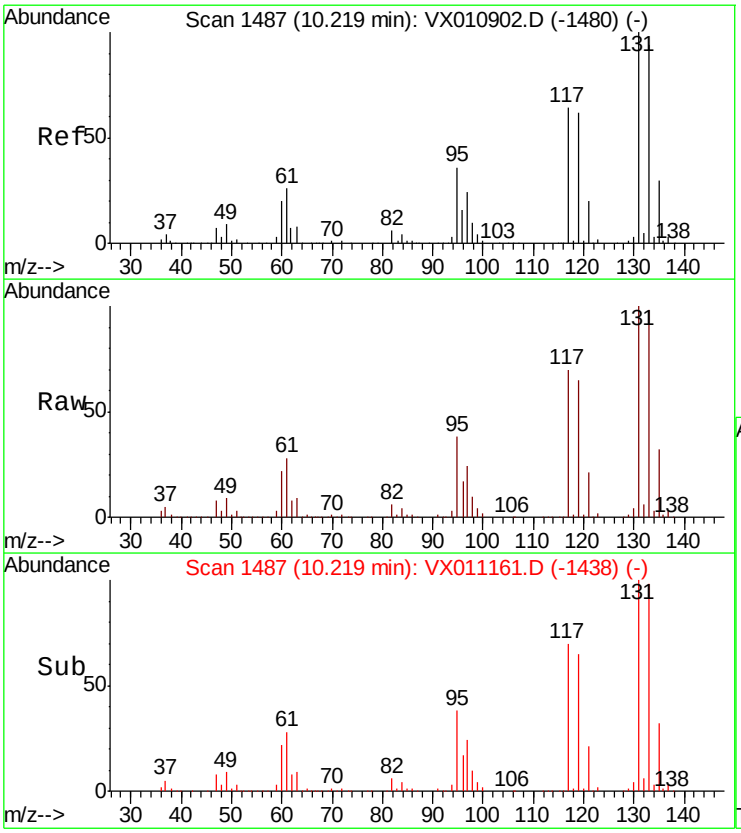

#65
Chlorobenzene
Concen: 49.572 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion:112 Resp: 259792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.5 | 26.2 | 39.4 |

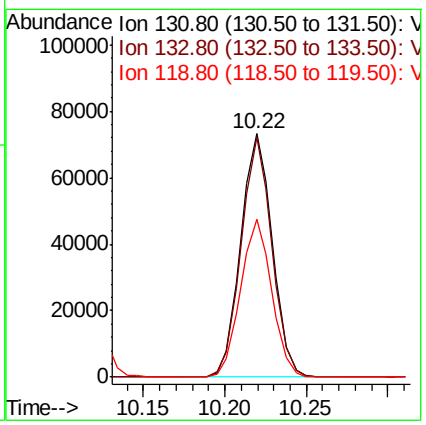


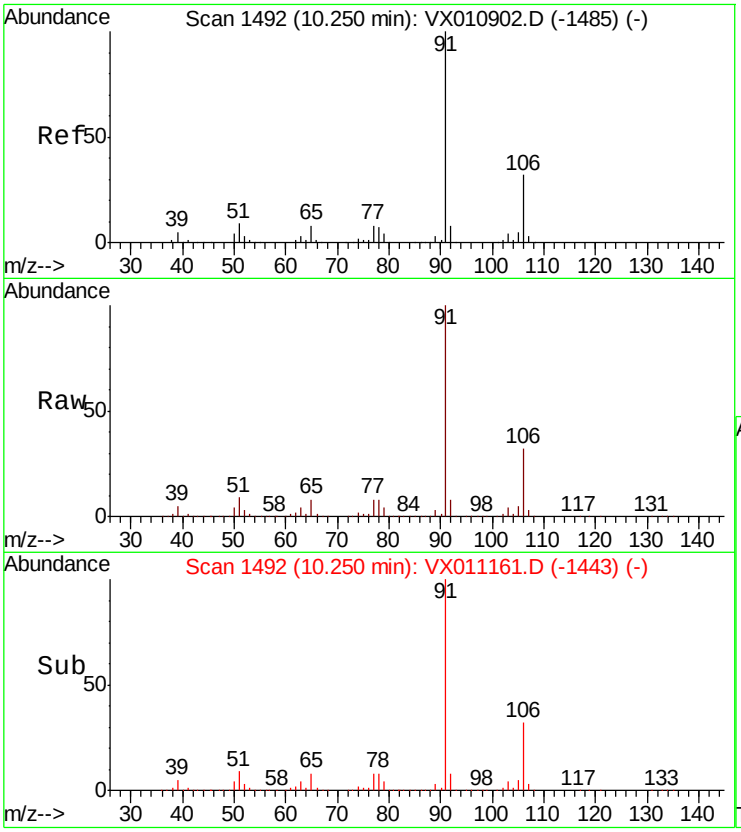




#66
1,1,1,2-Tetrachloroethane
Concen: 53.500 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:131 Resp: 98541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.1 | 47.1 | 141.4 |
| 119 | 64.6 | 31.9 | 95.7 |



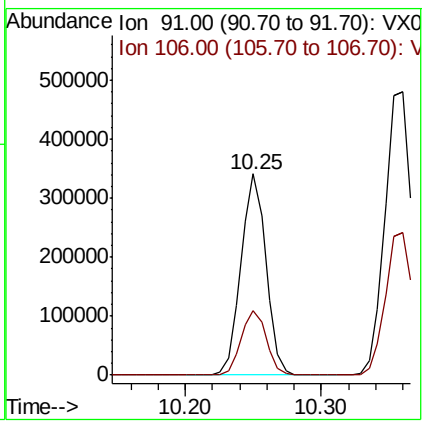


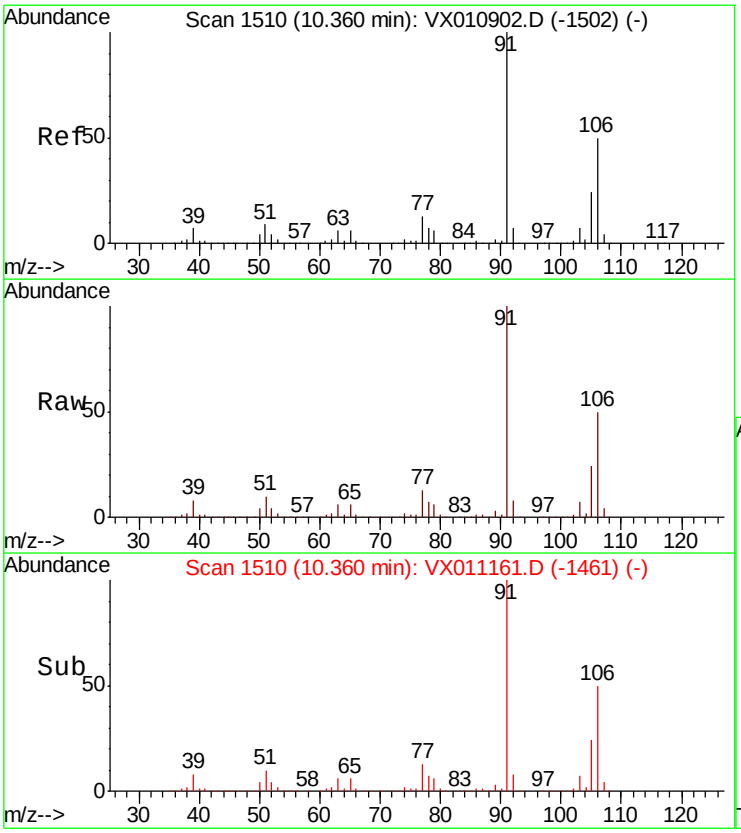

#67
Ethyl Benzene
Concen: 49.124 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 91 Resp: 438203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.0 | 25.4 | 38.2 |

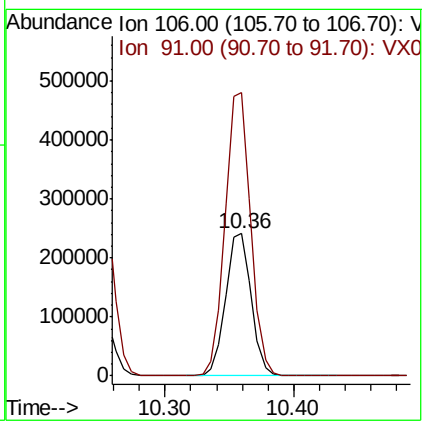


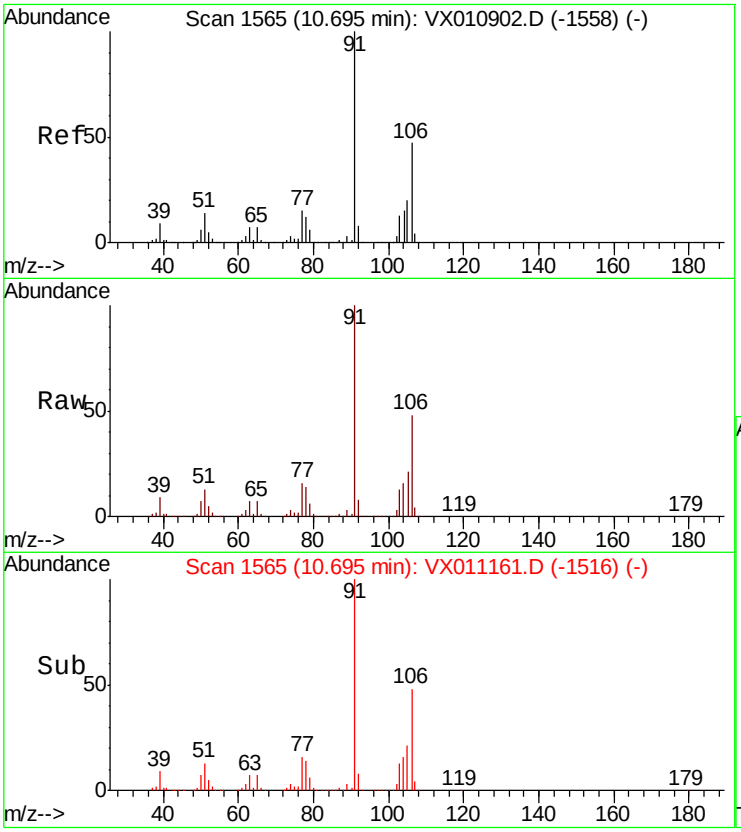




#68
m/p-Xylenes
Concen: 98.237 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:106 Resp: 336144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 199.8 | 160.1 | 240.1 |



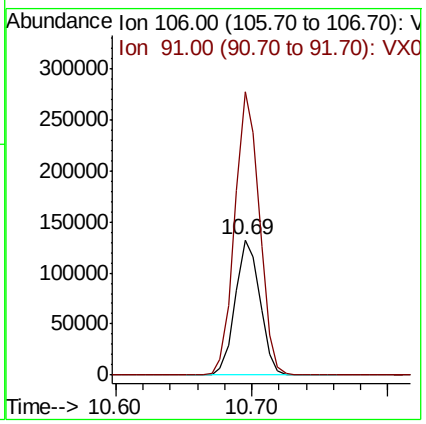


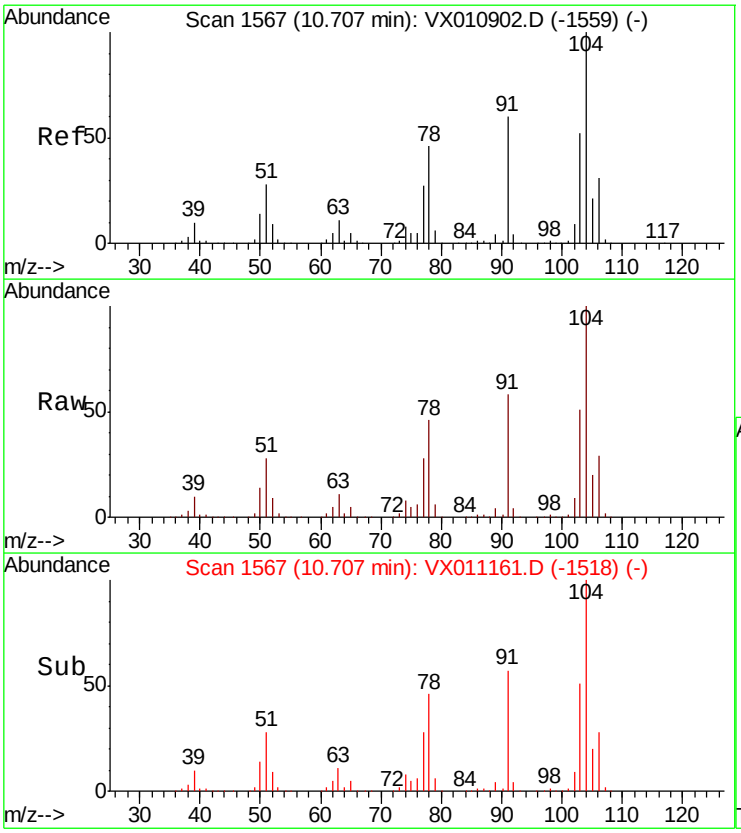

#69
o-Xylene
Concen: 50.258 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion:106 Resp: 167835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 208.9 | 105.1 | 315.3 |

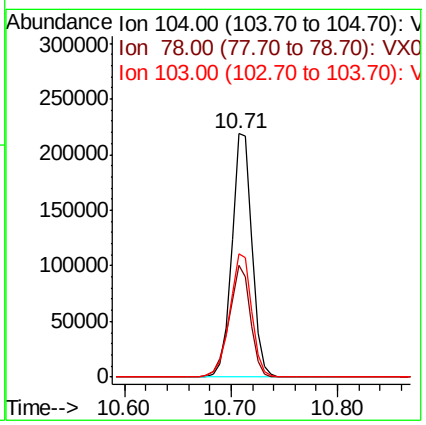


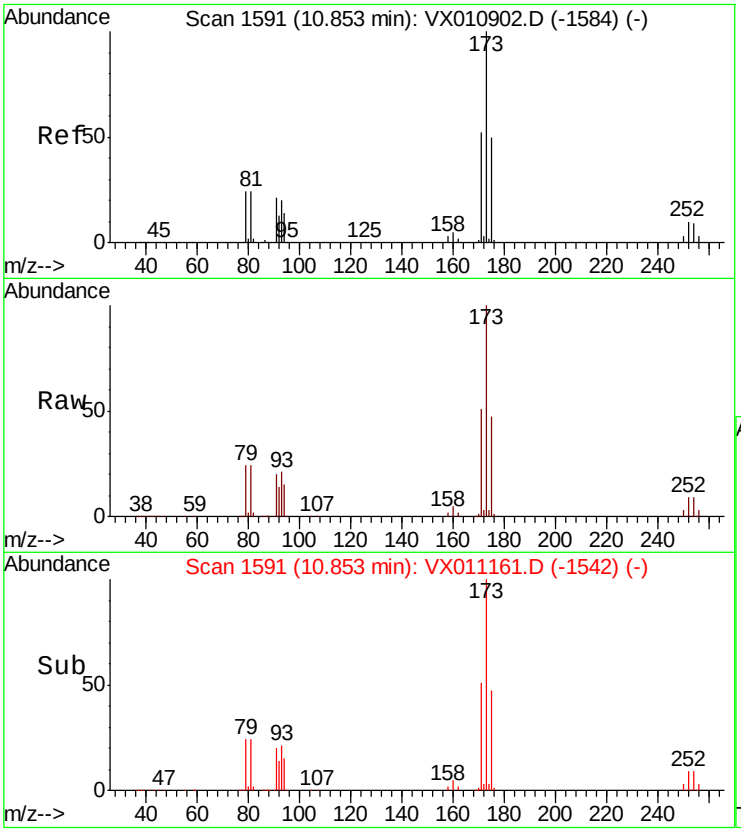




#70
Styrene
Concen: 52.330 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:104 Resp: 291316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 48.6 | 38.8 | 58.2 |
| 103 | 55.1 | 44.2 | 66.4 |



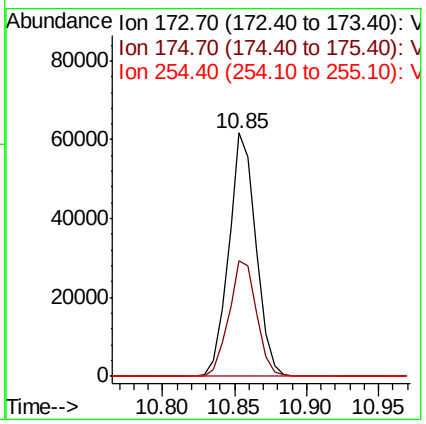


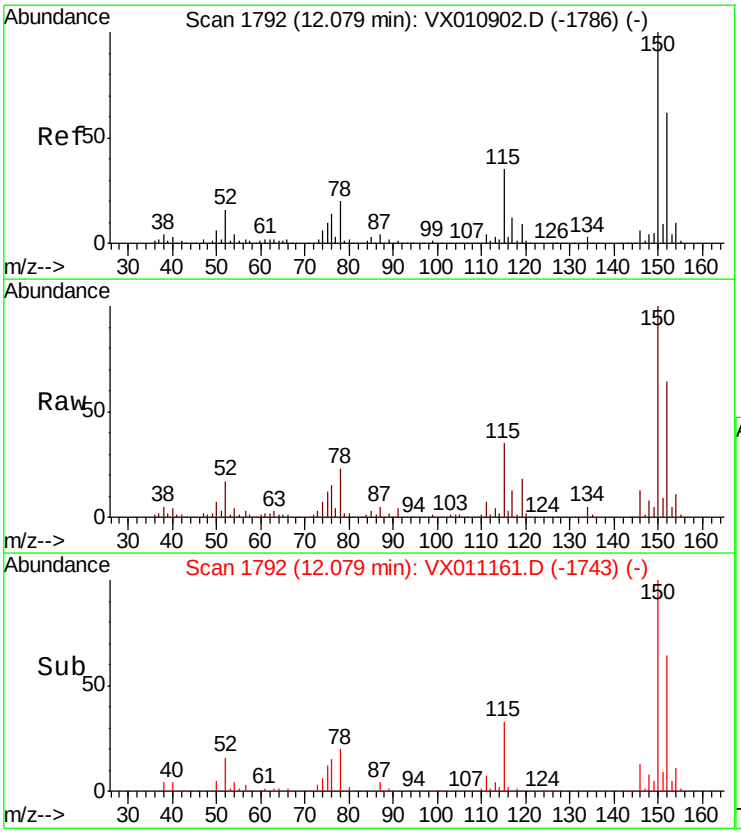

#71
Bromoform
Concen: 48.790 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion:173 Resp: 81714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.3 | 24.6 | 73.6 |
| 254 | 0.1 | 0.1 | 0.1# |

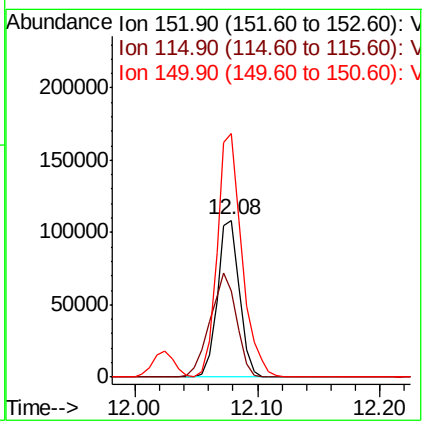


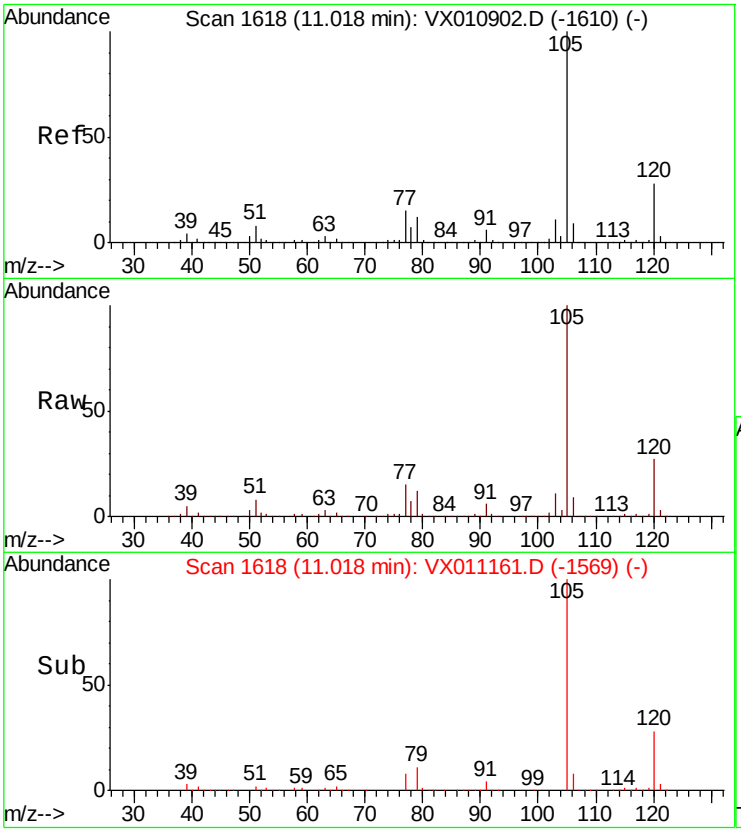




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:152 Resp: 135490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 79.8 | 39.7 | 119.1 |
| 150 | 173.7 | 0.0 | 345.6 |



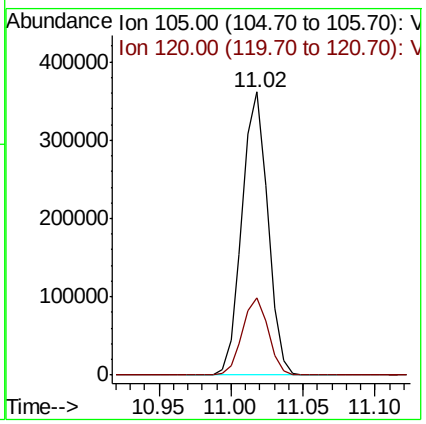


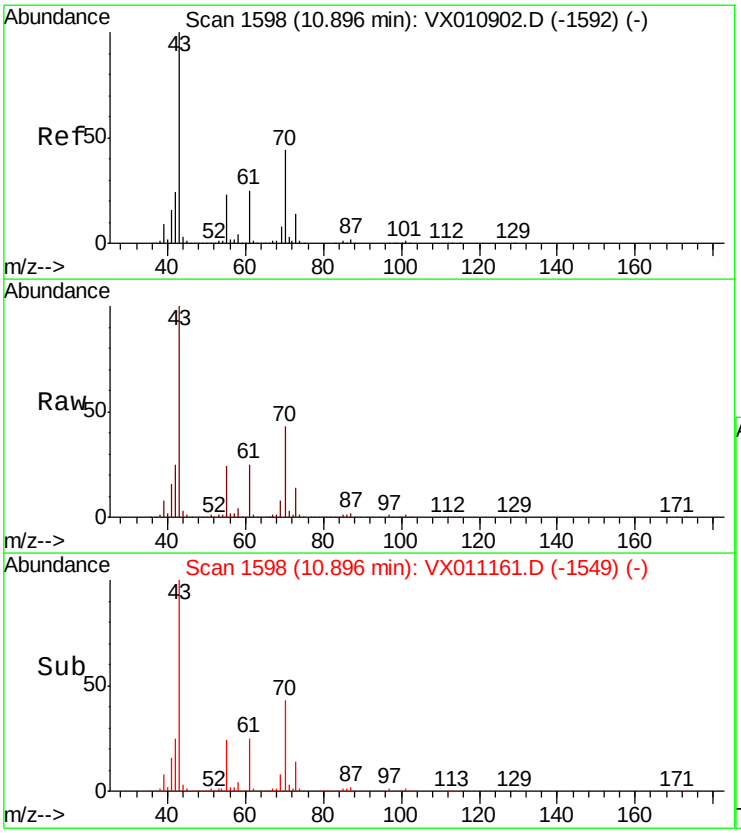

#73
Isopropylbenzene
Concen: 49.023 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion:105 Resp: 448810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.5 | 13.7 | 41.1 |

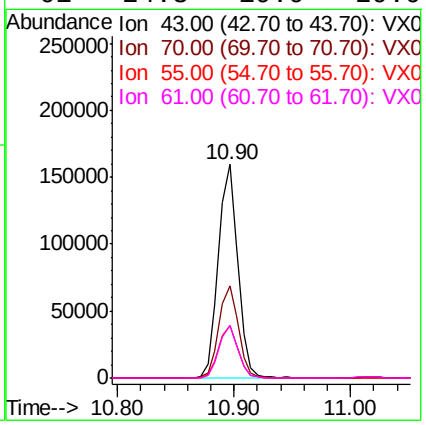


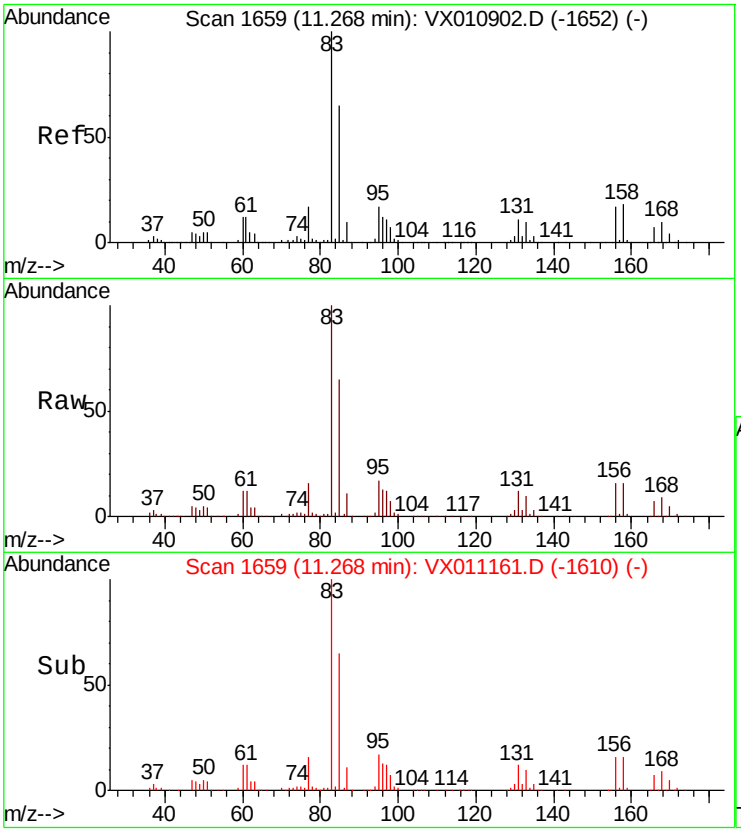




#74
N-amyl acetate
Concen: 52.680 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 43 Resp: 184278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.4 | 34.7 | 52.1 |
| 55 | 24.4 | 19.1 | 28.7 |
| 61 | 24.3 | 19.9 | 29.9 |



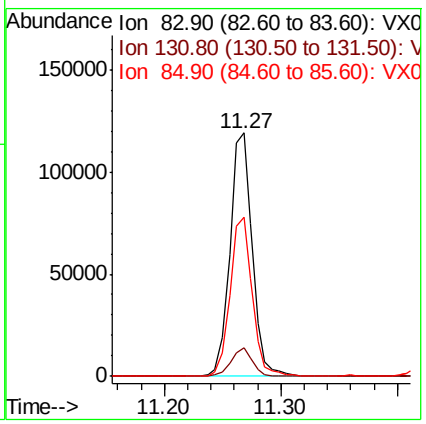


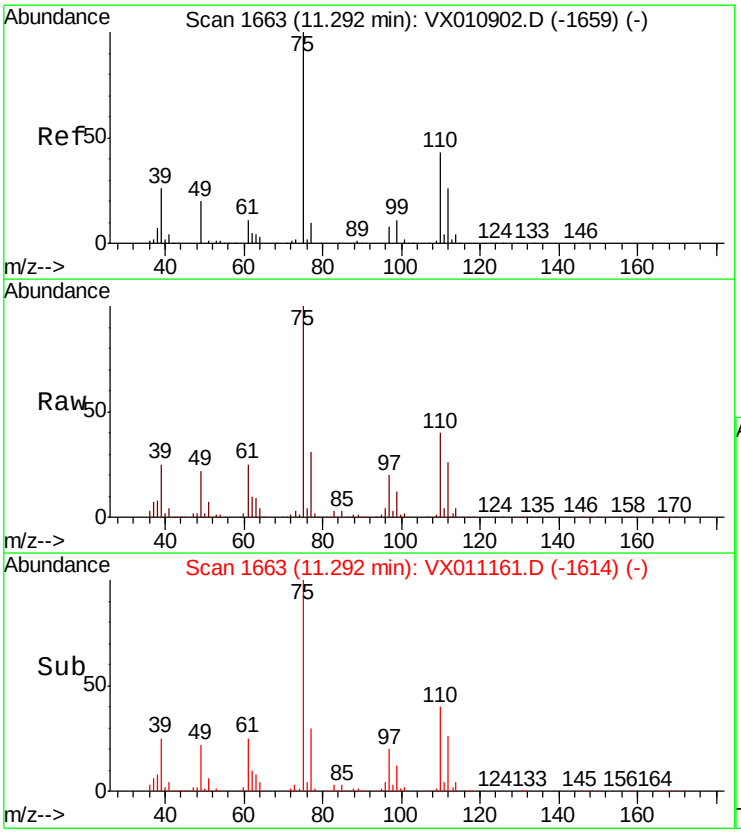

#75
1,1,2,2-Tetrachloroethane
Concen: 52.837 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 83 Resp: 158301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.0 | 5.5 | 16.4 |
| 85 | 64.8 | 32.3 | 96.9 |

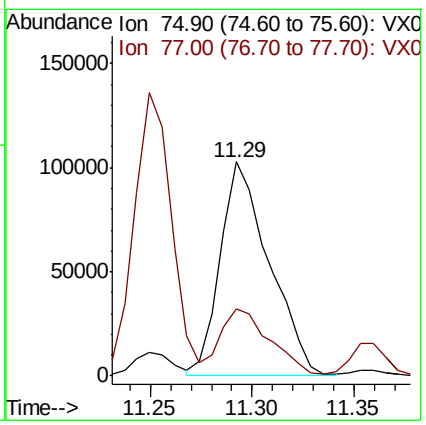


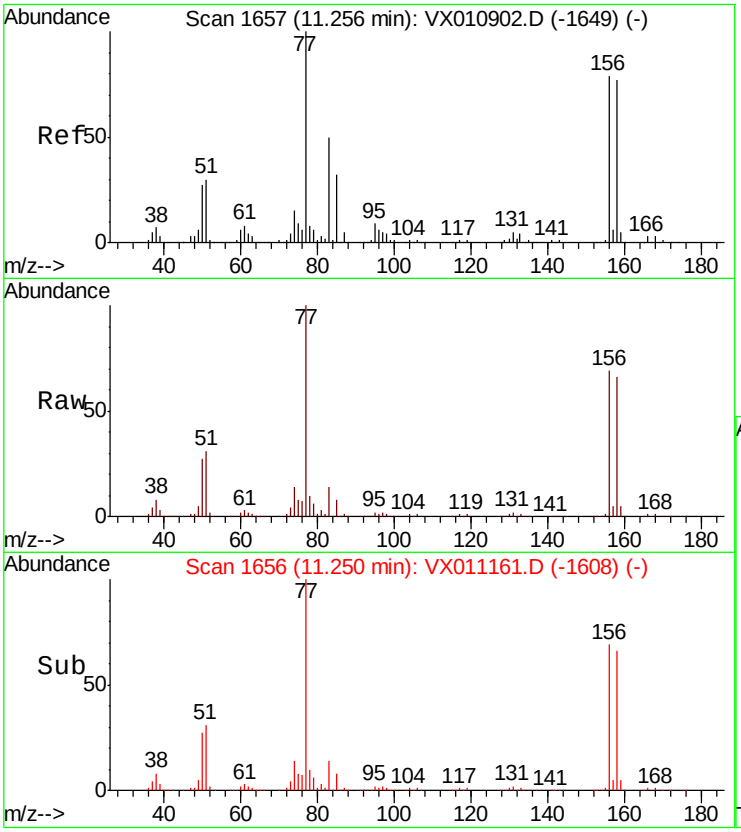




#76
1,2,3-Trichloropropane
Concen: 69.946 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 75 Resp: 171017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.3 | 21.3 | 64.0 |



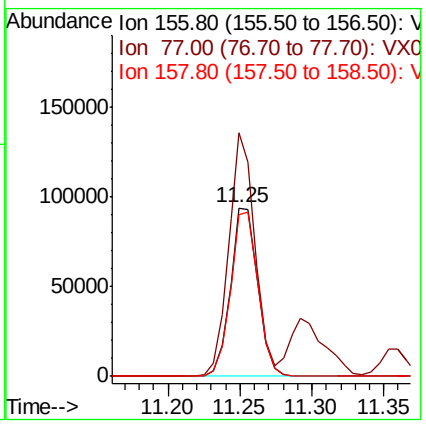


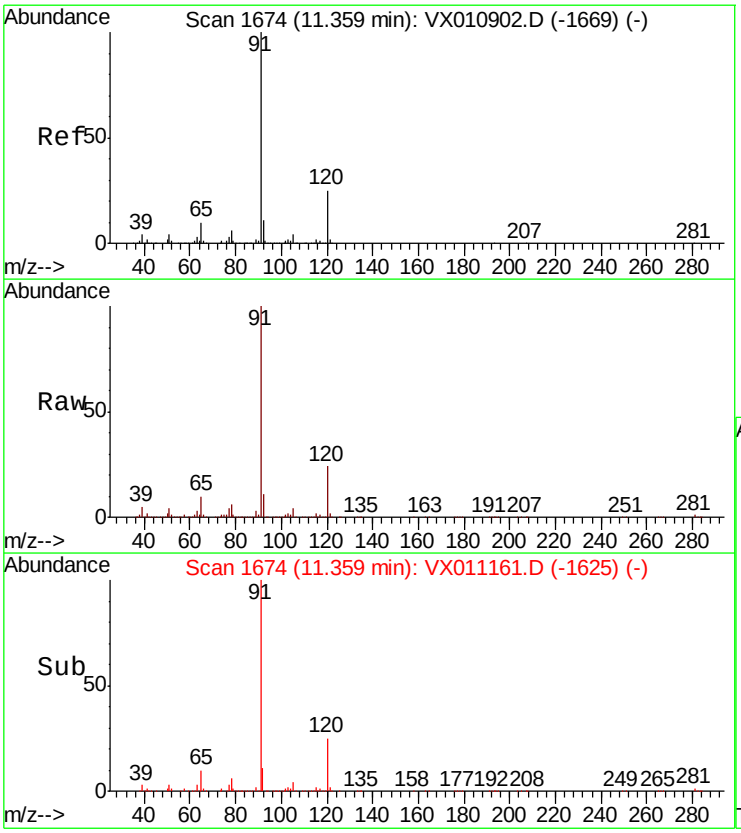

#77
Bromobenzene
Concen: 49.320 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion:156 Resp: 124548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 139.1 | 68.7 | 206.1 |
| 158 | 97.6 | 47.9 | 143.7 |

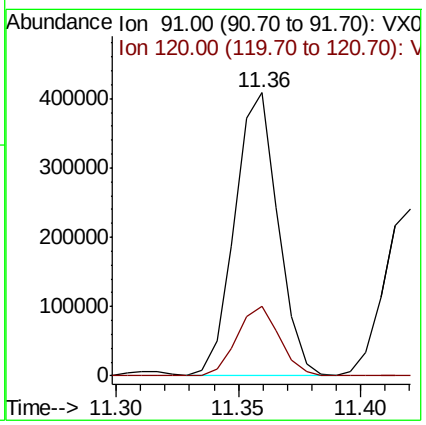


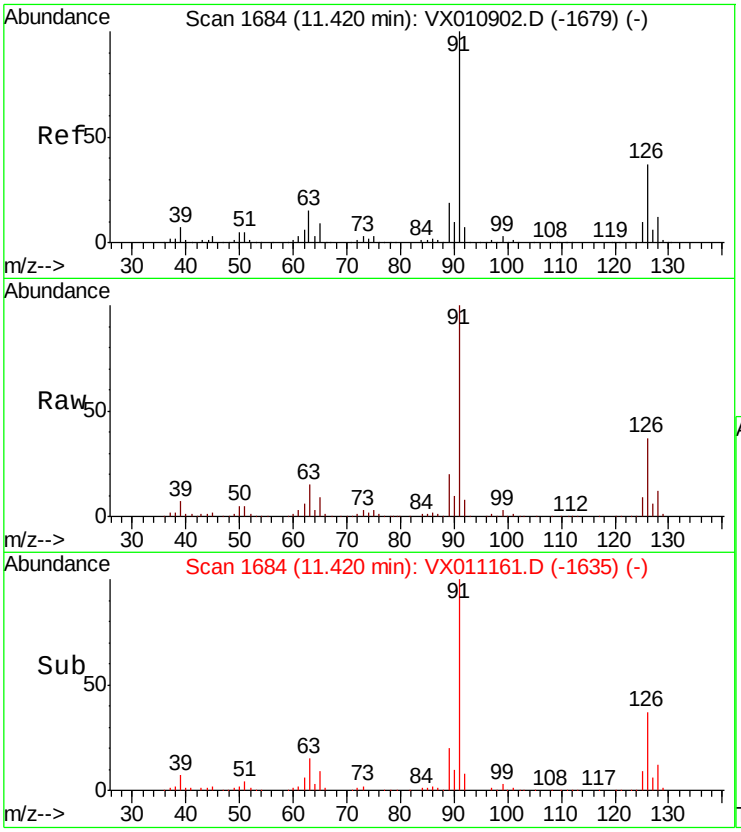




#78
n-propylbenzene
Concen: 49.258 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 91 Resp: 498271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 24.3 | 12.3 | 36.8 |



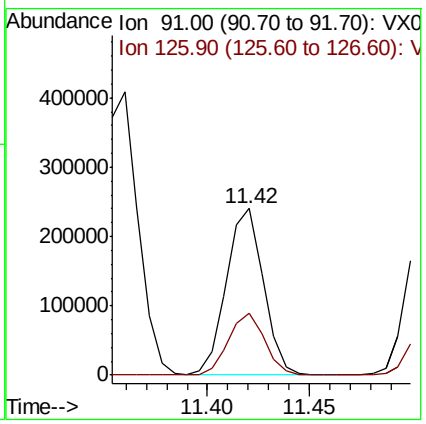


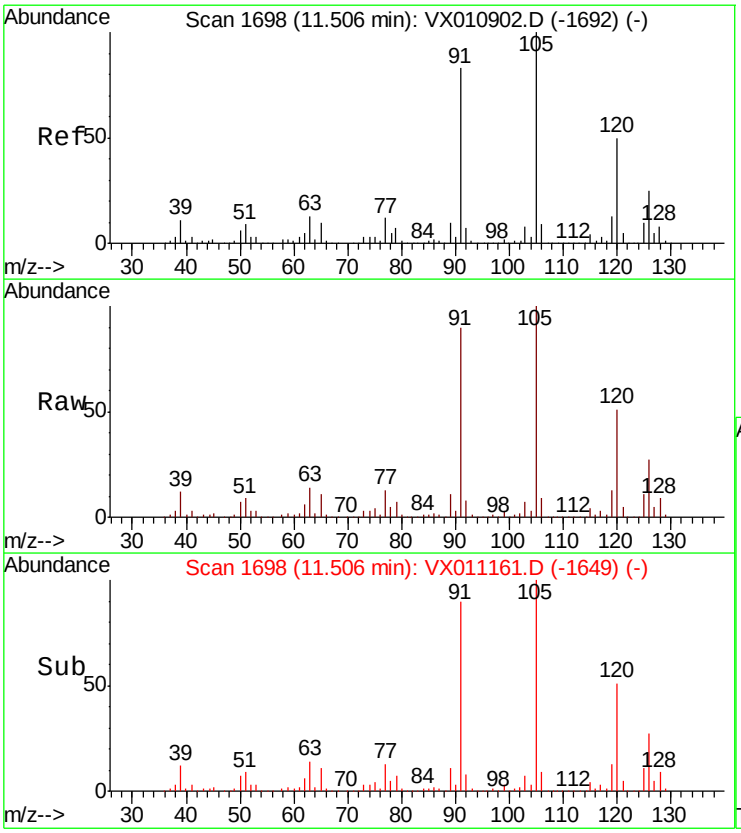

#79
2-Chlorotoluene
Concen: 49.478 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 91 Resp: 300660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 36.5 | 18.0 | 54.0 |

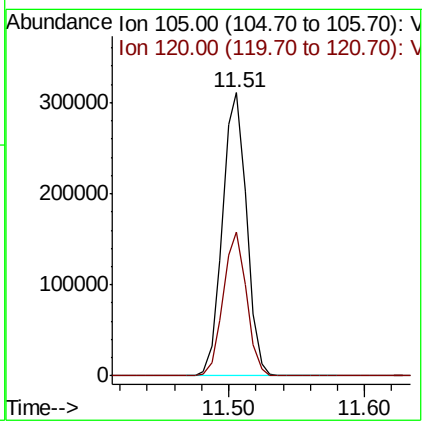


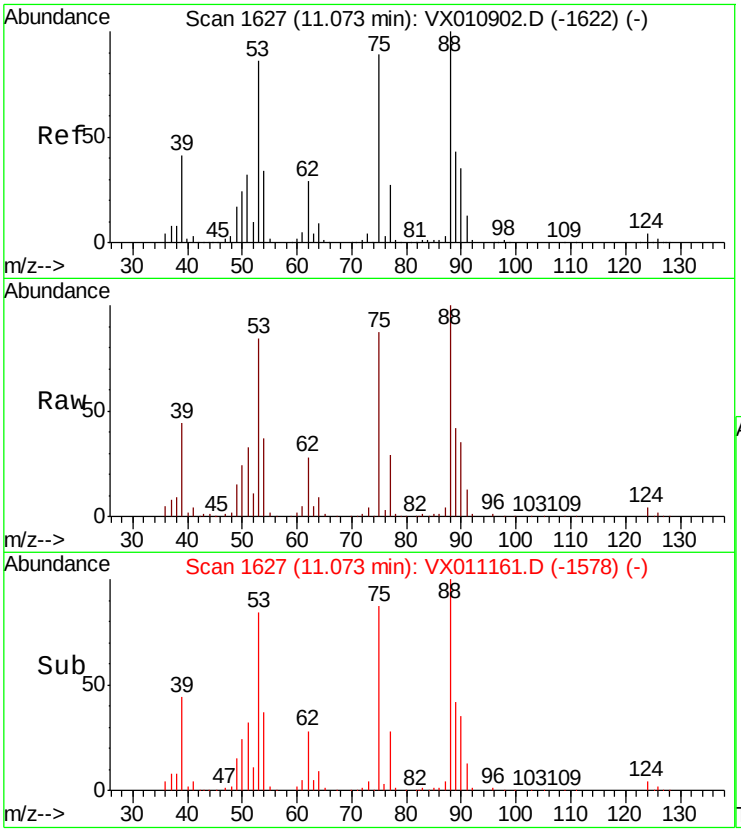




#80
1,3,5-Trimethylbenzene
Concen: 49.598 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:105 Resp: 379424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.3 | 24.6 | 73.8 |



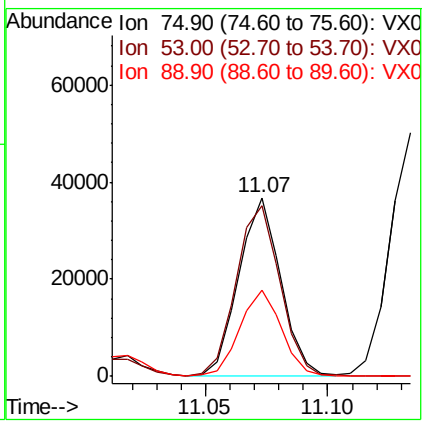


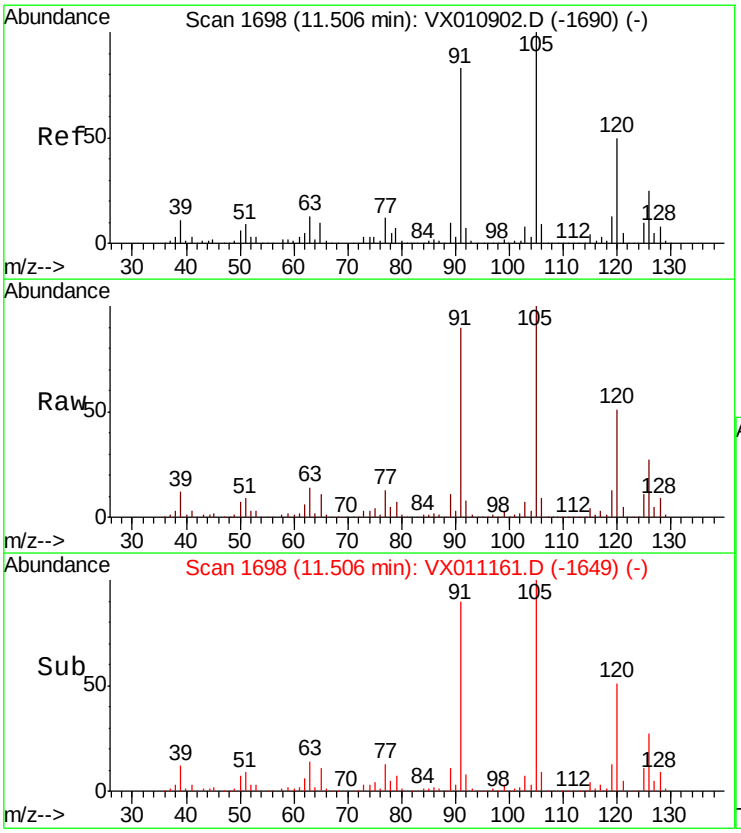

#81
trans-1,4-Dichloro-2-butene
Concen: 45.704 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 75 Resp: 43748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 100.3 | 76.7 | 115.1 |
| 89 | 48.1 | 38.5 | 57.7 |

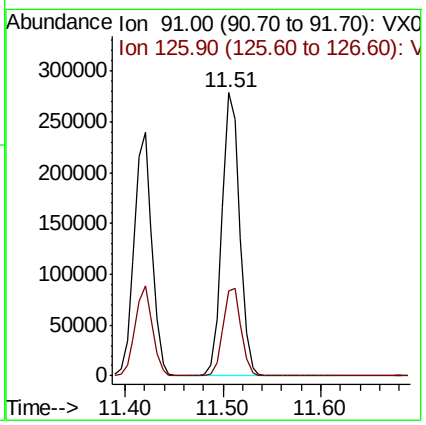


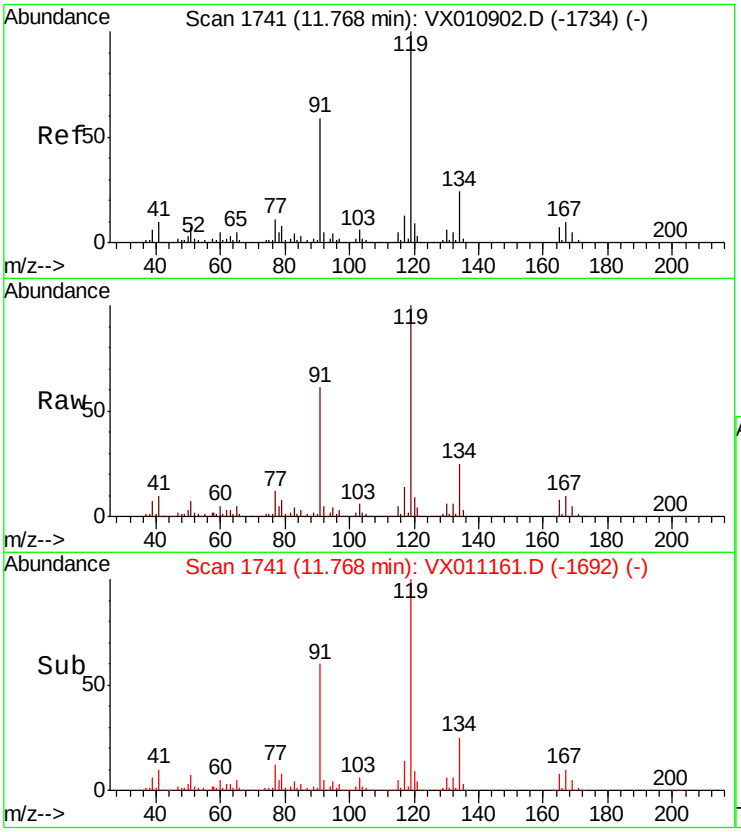




#82
4-Chlorotoluene
Concen: 49.316 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 91 Resp: 348790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.8 | 15.9 | 47.7 |



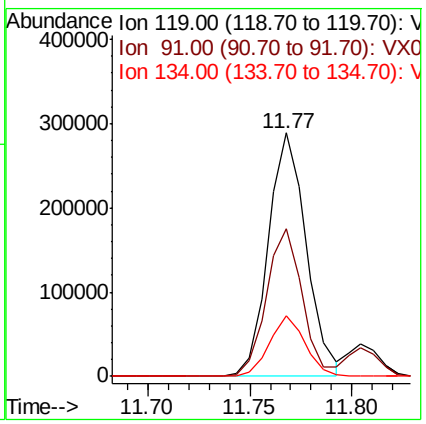


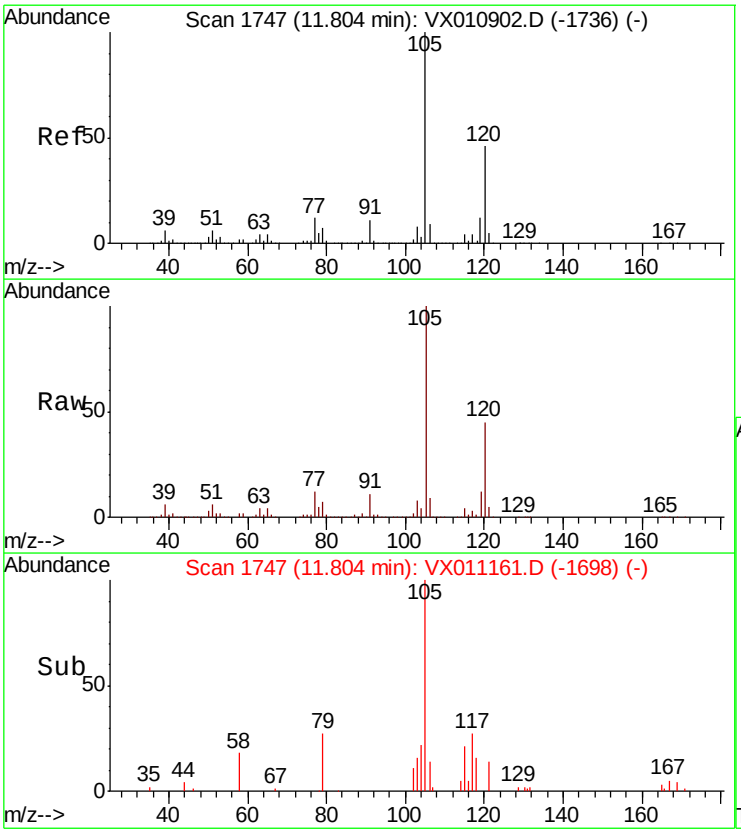

#83
tert-Butylbenzene
Concen: 49.835 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion:119 Resp: 374471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 57.6 | 28.6 | 85.8 |
| 134 | 23.5 | 11.6 | 34.8 |

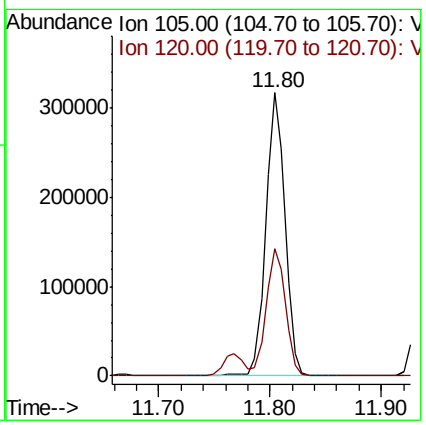


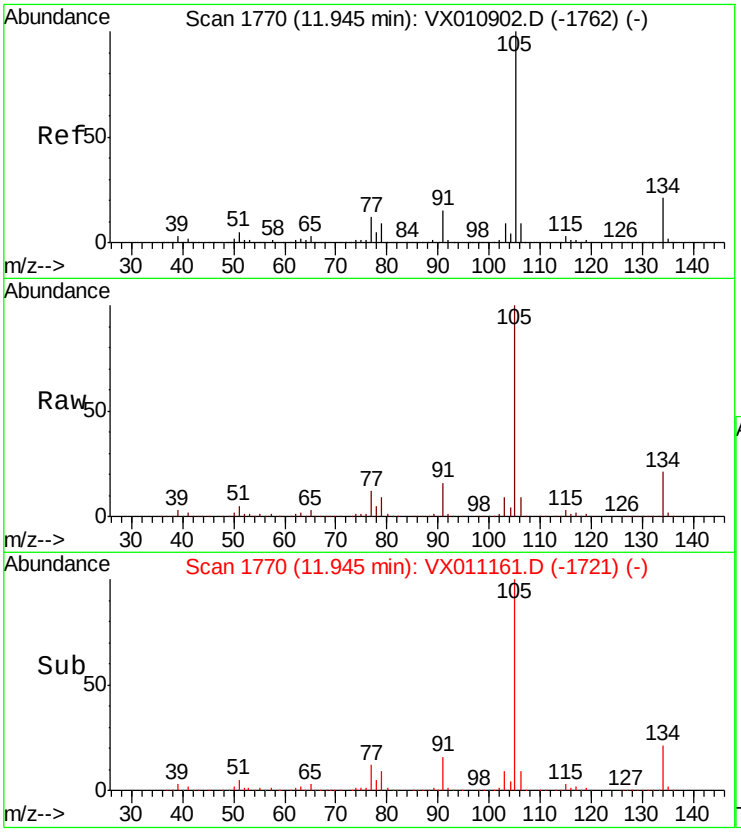




#84
1,2,4-Trimethylbenzene
Concen: 49.655 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:105 Resp: 382858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.1 | 22.9 | 68.5 |



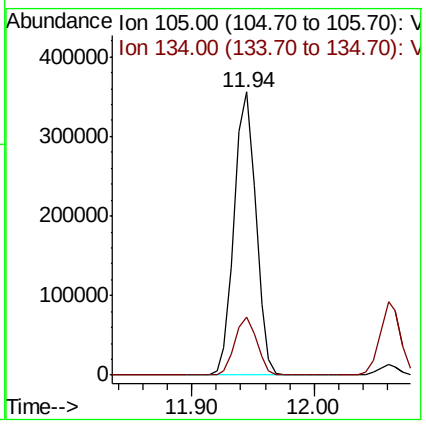


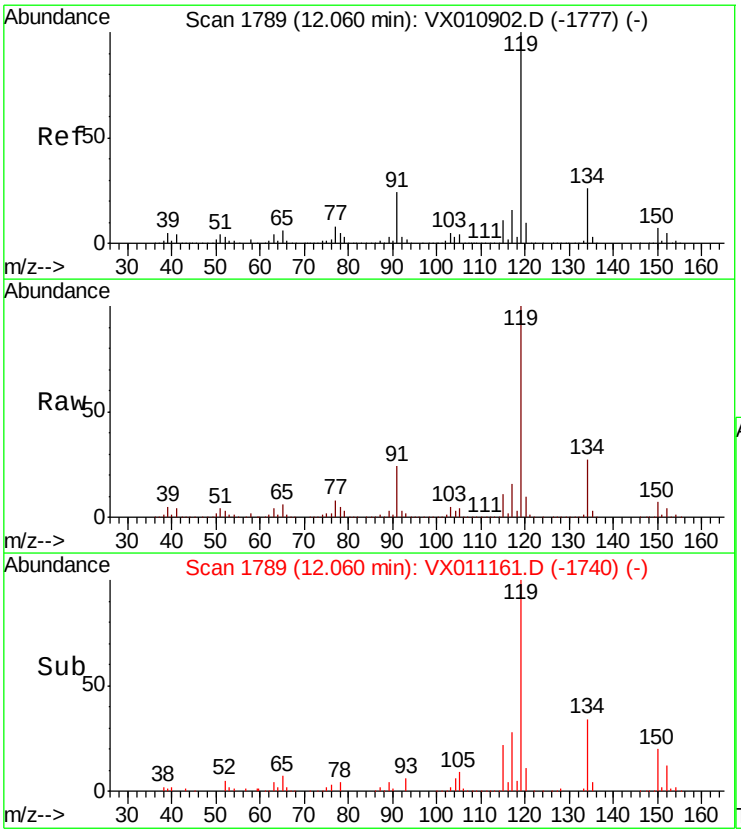

#85
sec-Butylbenzene
Concen: 49.475 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion:105 Resp: 435607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.8 | 10.4 | 31.4 |

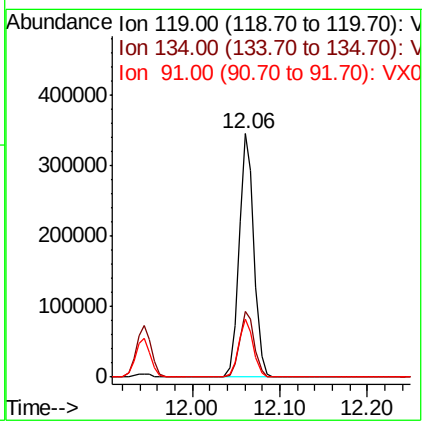


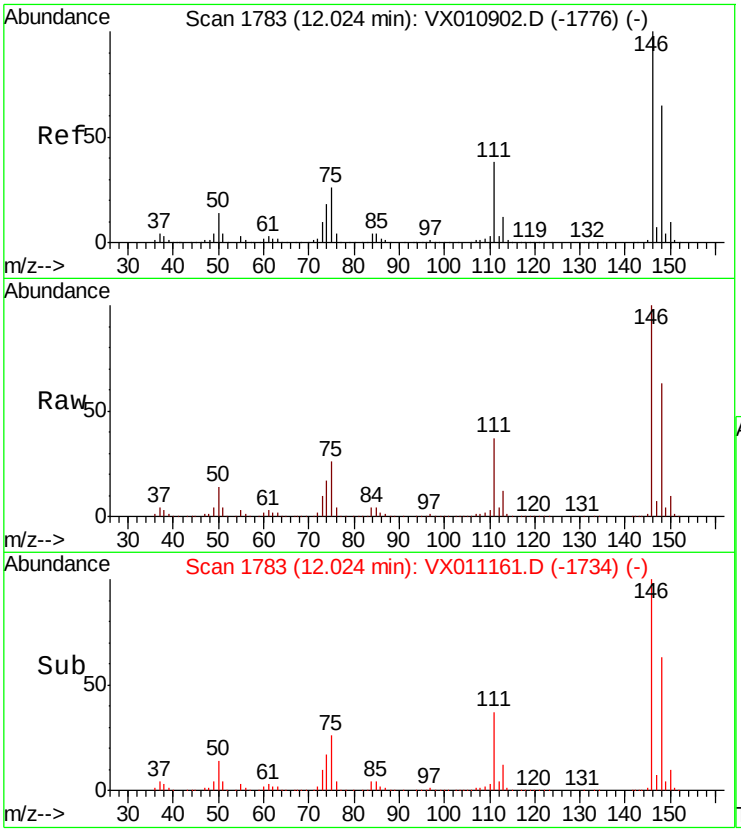




#86
p-Isopropyltoluene
Concen: 50.026 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:119 Resp: 407205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.0 | 13.4 | 40.1 |
| 91 | 23.8 | 11.8 | 35.4 |



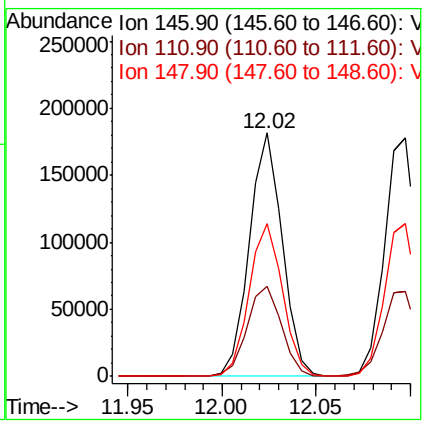


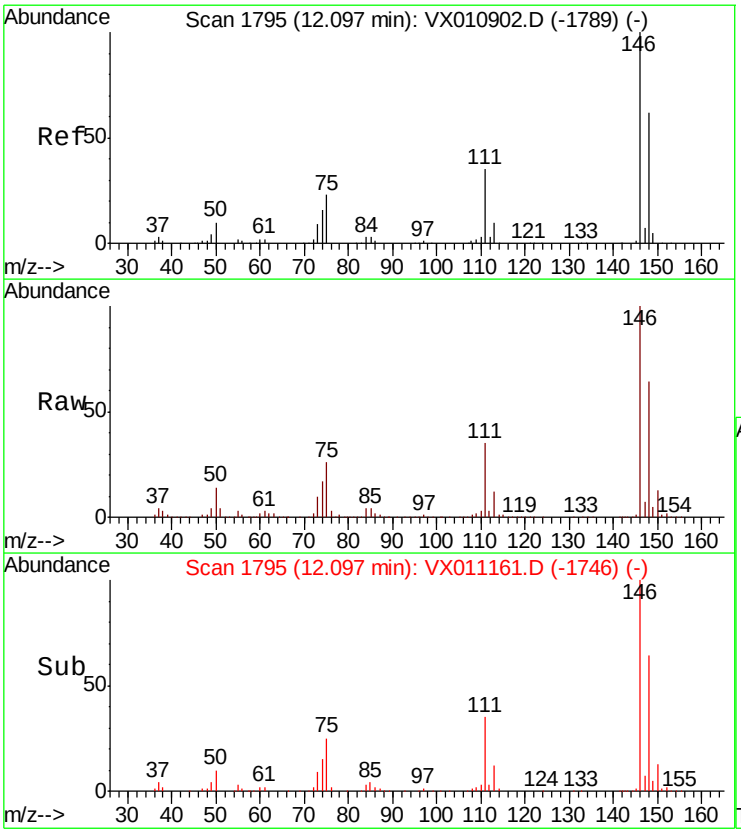

#87
1,3-Dichlorobenzene
Concen: 50.104 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion:146 Resp: 219577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.4 | 18.9 | 56.9 |
| 148 | 63.9 | 32.2 | 96.6 |

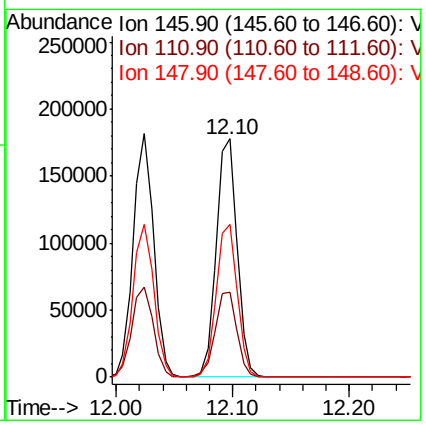


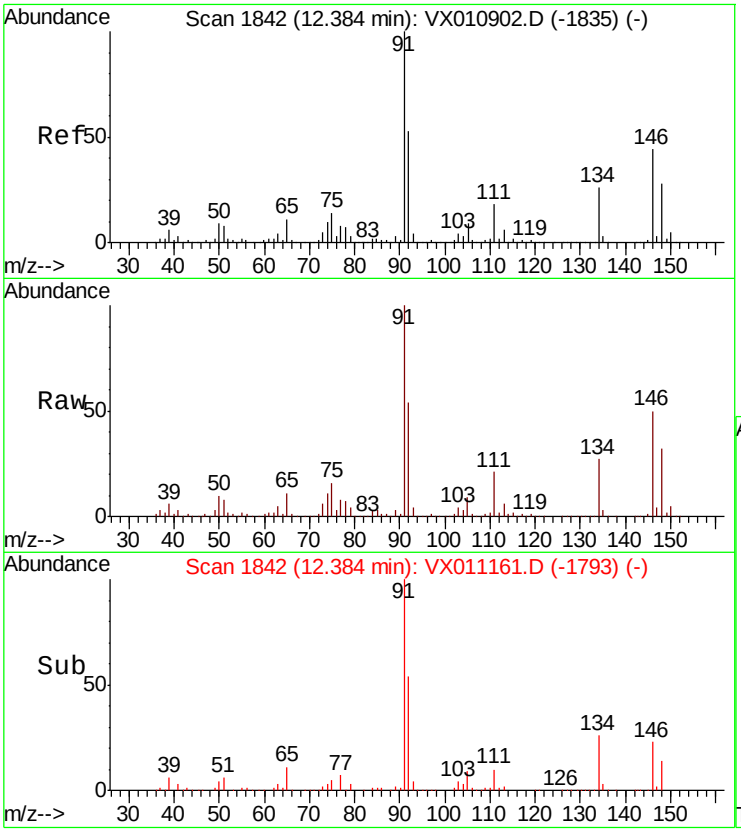




#88
1,4-Dichlorobenzene
Concen: 48.665 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:146 Resp: 218730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.0 | 18.6 | 55.8 |
| 148 | 64.2 | 31.6 | 94.7 |



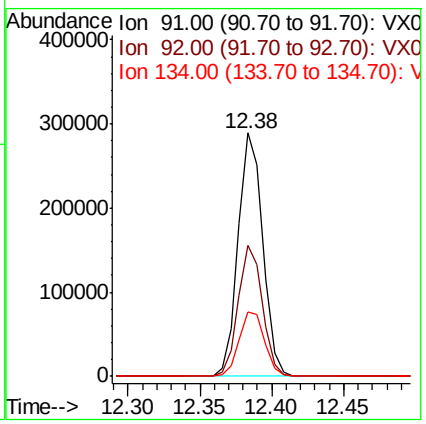


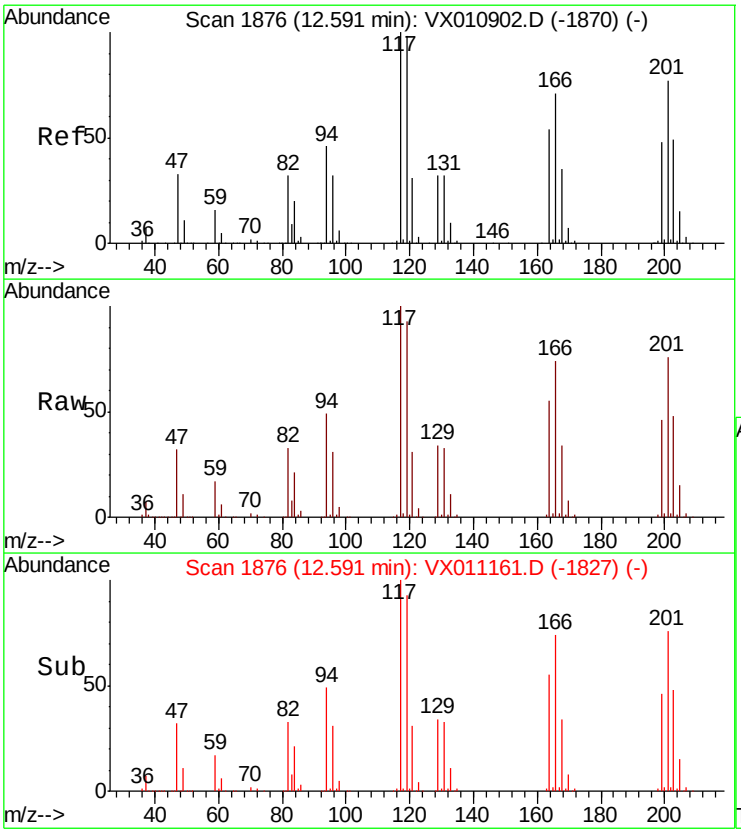

#89
n-Butylbenzene
Concen: 49.356 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion: 91 Resp: 343710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.0 | 26.2 | 78.5 |
| 134 | 27.4 | 13.8 | 41.3 |

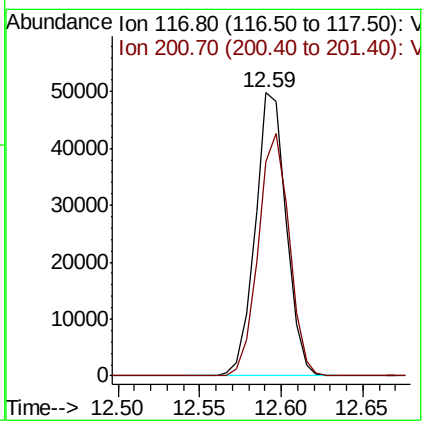


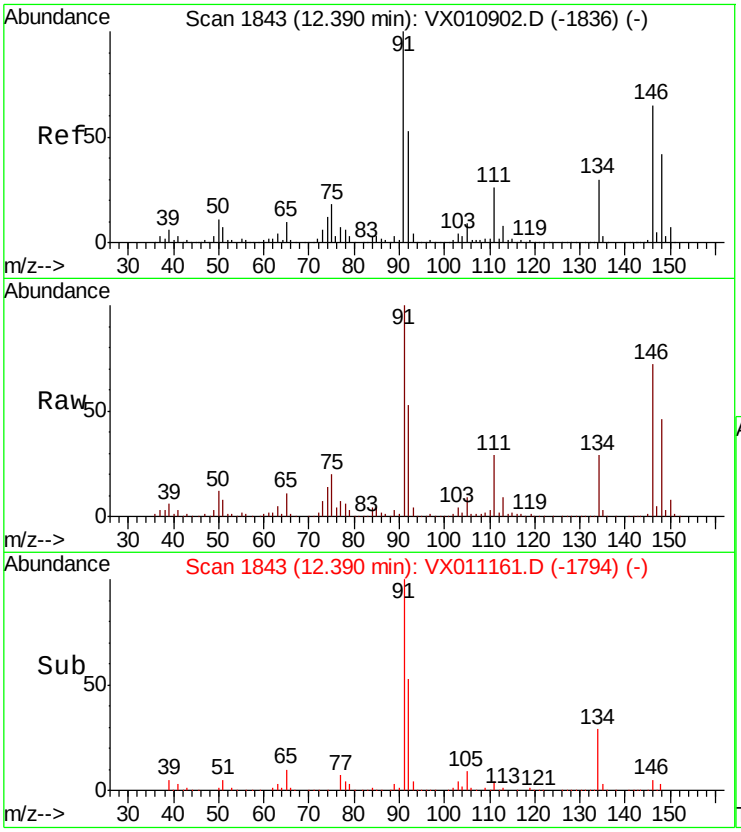




#90
Hexachloroethane
Concen: 51.083 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:117 Resp: 65584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 85.3 | 43.3 | 129.8 |



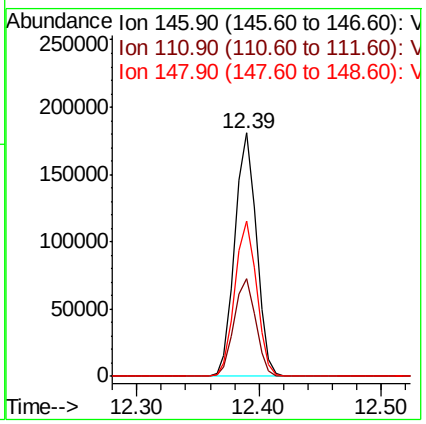


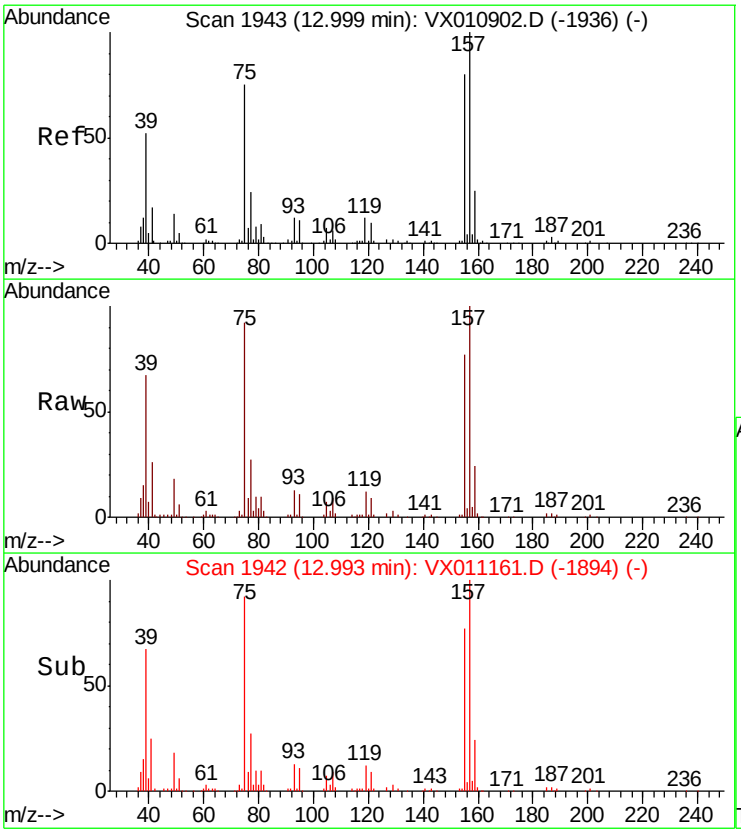

#91
1,2-Dichlorobenzene
Concen: 50.787 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion:146 Resp: 220584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.9 | 19.9 | 59.7 |
| 148 | 63.9 | 32.0 | 96.2 |

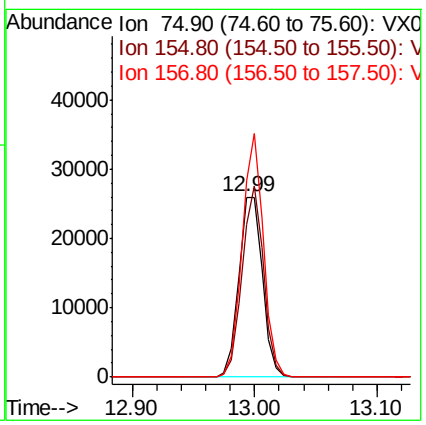


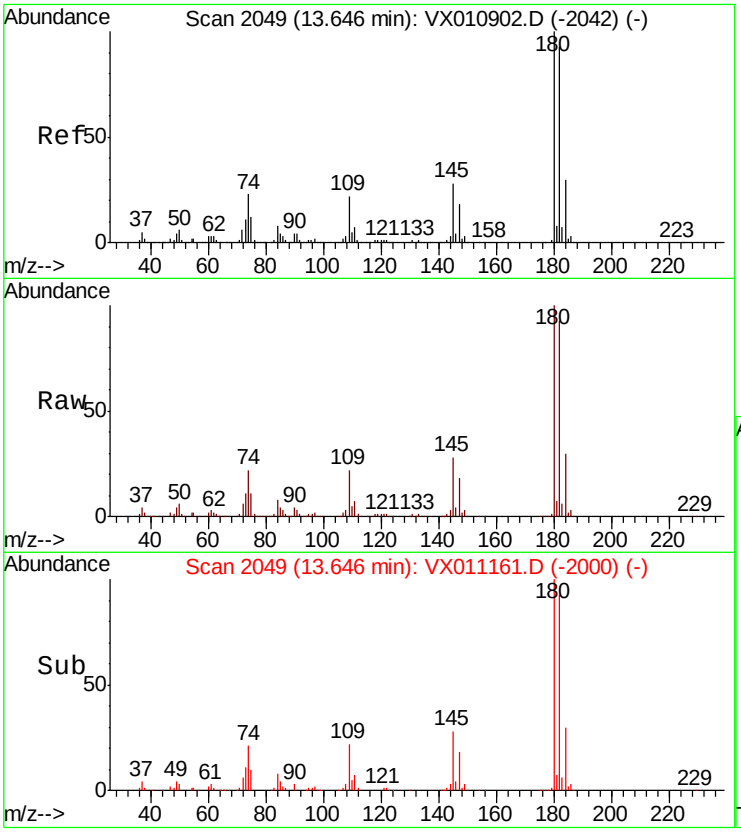




#92
1,2-Dibromo-3-Chloropropane
Concen: 55.294 ug/l
RT: 12.99 min Scan# 1942
Delta R.T. -0.01 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion: 75 Resp: 34629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 96.2 | 48.7 | 146.1 |
| 157 | 121.6 | 62.5 | 187.6 |



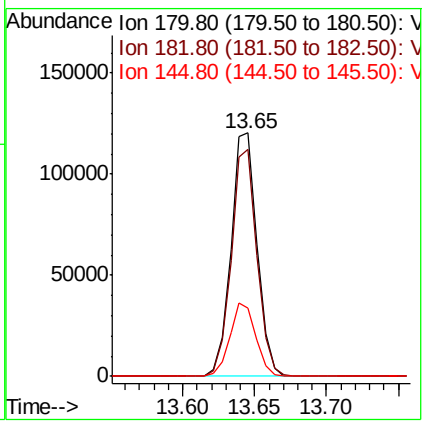


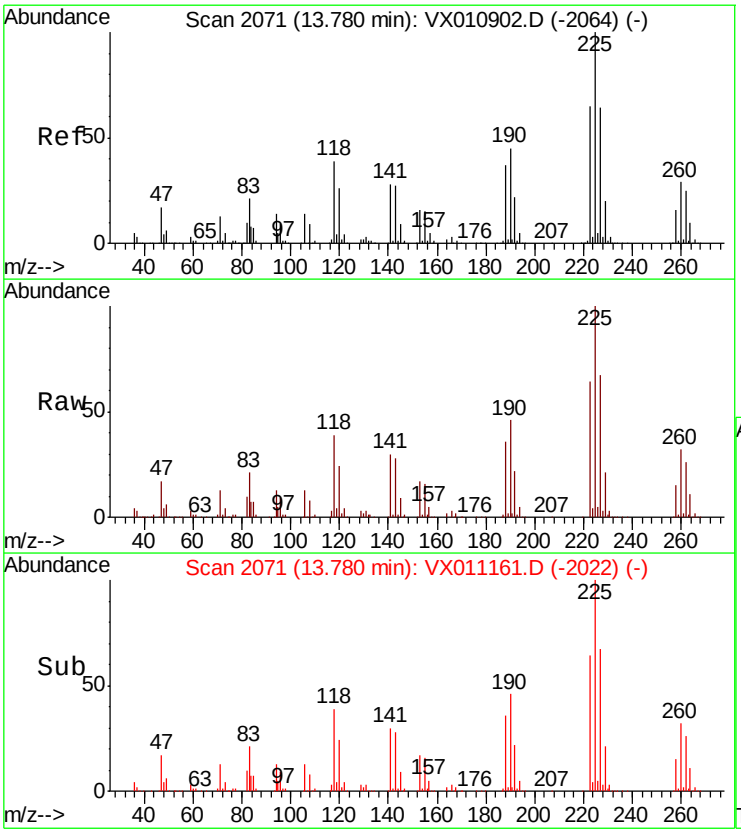

#93
1,2,4-Trichlorobenzene
Concen: 51.851 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion:180 Resp: 152623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.1 | 47.1 | 141.3 |
| 145 | 29.9 | 14.8 | 44.4 |

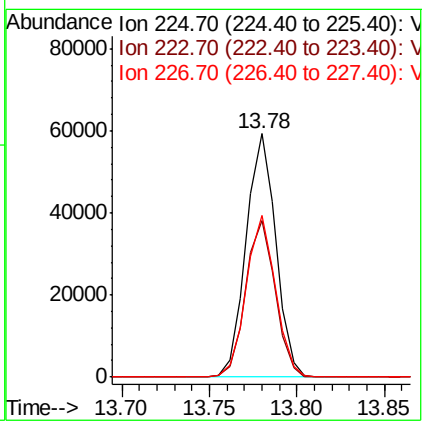


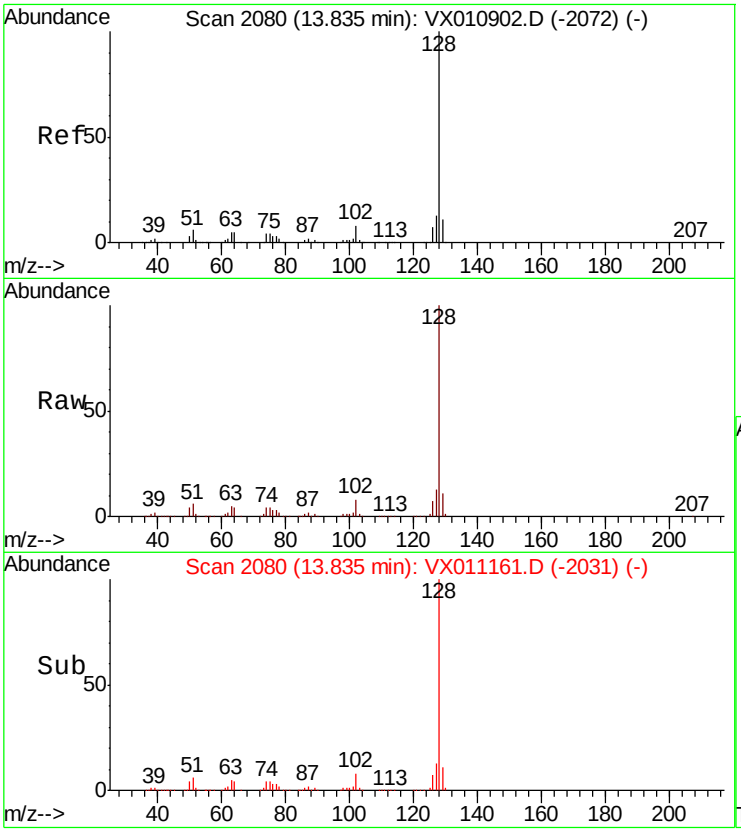




#94
Hexachlorobutadiene
Concen: 48.047 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:225 Resp: 70084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.6 | 31.9 | 95.9 |
| 227 | 65.2 | 32.5 | 97.4 |



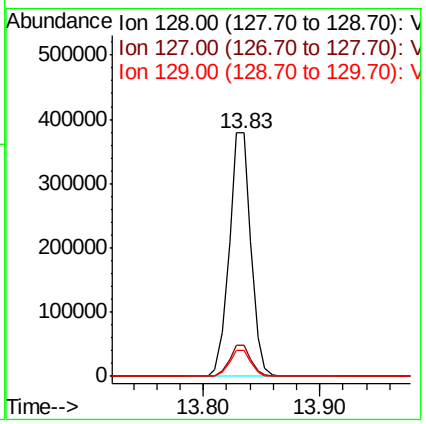


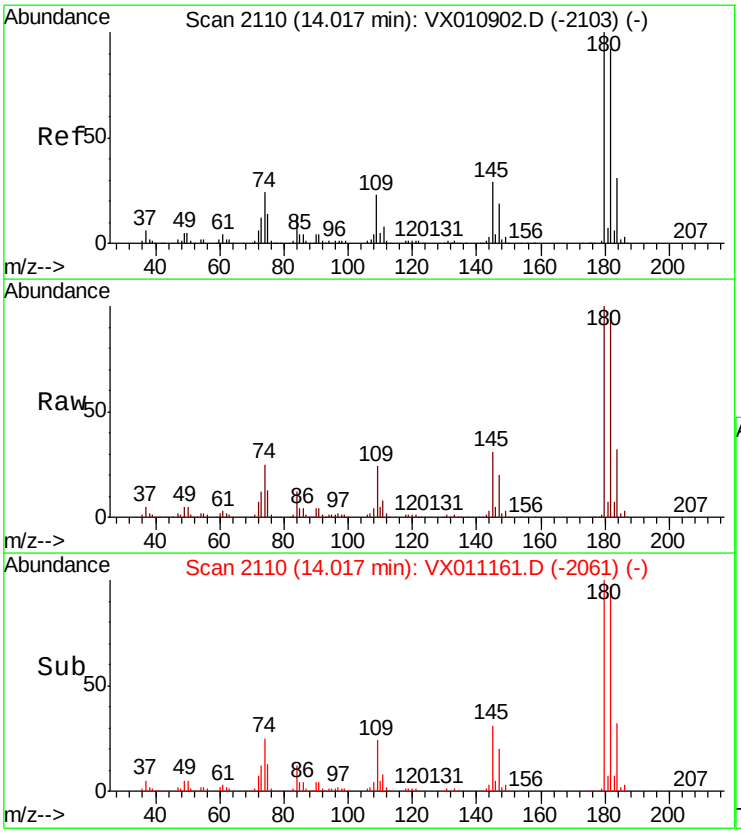

#95
Naphthalene
Concen: 56.213 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

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

Tgt Ion:128 Resp: 488600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.9 | 10.4 | 15.6 |
| 129 | 10.8 | 8.9 | 13.3 |




#96
1,2,3-Trichlorobenzene
Concen: 52.041 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011161.D
Acq: 29 Jul 2019 22:02

Tgt Ion:180 Resp: 152415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.2 | 47.4 | 142.3 |
| 145 | 31.8 | 15.1 | 45.3 |