Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
Data File : VX008100.D
Acq On : 15 Mar 2019 05:06
Operator : JC/SP
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Quant Time: Mar 15 05:45:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 257994 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 382183 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 337698 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 170960 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 125189 | 48.10 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.20% | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 116435 | 48.04 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.08% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 429734 | 46.62 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.24% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 151063 | 45.75 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 91.50% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 96806 | 46.876 | ug/l | 98 |
| 3) Chloromethane | 1.33 | 50 | 97561 | 40.123 | ug/l | 100 |
| 4) Vinyl Chloride | 1.41 | 62 | 101070 | 43.562 | ug/l | 100 |
| 5) Bromomethane | 1.64 | 94 | 53697 | 47.582 | ug/l | 100 |
| 6) Chloroethane | 1.72 | 64 | 61380 | 49.132 | ug/l | 98 |
| 7) Trichlorofluoromethane | 1.93 | 101 | 133200 | 47.834 | ug/l | 99 |
| 8) Diethyl Ether | 2.19 | 74 | 73527 | 53.118 | ug/l | 90 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 102664 | 49.329 | ug/l | 96 |
| 10) Methyl Iodide | 2.51 | 142 | 172039 | 59.172 | ug/l | 97 |
| 11) Tert butyl alcohol | 3.07 | 59 | 134081 | 266.669 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 104579 | 53.165 | ug/l | 93 |
| 13) Acrolein | 2.30 | 56 | 95449 | 206.090 | ug/l | 98 |
| 14) Allyl chloride | 2.73 | 41 | 175579 | 49.005 | ug/l | 96 |
| 15) Acrylonitrile | 3.15 | 53 | 320647 | 261.529 | ug/l | 99 |
| 16) Acetone | 2.45 | 43 | 259877 | 211.516 | ug/l | 99 |
| 17) Carbon Disulfide | 2.57 | 76 | 296151 | 52.435 | ug/l | 99 |
| 18) Methyl Acetate | 2.78 | 43 | 144570 | 54.441 | ug/l | 94 |
| 19) Methyl tert-butyl Ether | 3.21 | 73 | 350450 | 52.694 | ug/l | 97 |
| 20) Methylene Chloride | 2.86 | 84 | 114734 | 52.286 | ug/l | 92 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 111251 | 52.492 | ug/l | 91 |
| 22) Diisopropyl ether | 3.87 | 45 | 369214 | 51.854 | ug/l | 97 |
| 23) Vinyl Acetate | 3.82 | 43 | 1585913 | 261.894 | ug/l | 97 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 208662 | 53.461 | ug/l | 99 |
| 25) 2-Butanone | 4.70 | 43 | 456883 | 242.263 | ug/l | 96 |
| 26) 2,2-Dichloropropane | 4.59 | 77 | 108840 | 36.501 | ug/l | 95 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 130441 | 51.776 | ug/l | 93 |
| 28) Bromochloromethane | 5.02 | 49 | 94831 | 51.443 | ug/l | 88 |
| 29) Tetrahydrofuran | 5.15 | 42 | 302780 | 257.186 | ug/l | 94 |
| 30) Chloroform | 5.21 | 83 | 204446 | 51.712 | ug/l | 99 |
| 31) Cyclohexane | 5.57 | 56 | 184817 | 49.667 | ug/l | 96 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 174440 | 52.381 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.80 | 75 | 152355 | 48.457 | ug/l | 98 |
| 37) Ethyl Acetate | 4.85 | 43 | 172027 | 50.908 | ug/l | 98 |
| 38) Carbon Tetrachloride | 5.78 | 117 | 154267 | 50.975 | ug/l | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
Data File : VX008100.D
Acq On : 15 Mar 2019 05:06
Operator : JC/SP
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Quant Time: Mar 15 05:45:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 181313 | 45.115 | ug/l | | 98 |
| 40) Benzene | 6.14 | 78 | 481017 | 49.939 | ug/l | | 99 |
| 41) Methacrylonitrile | 5.06 | 41 | 96389 | 48.992 | ug/l | | 97 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 152610 | 49.528 | ug/l | | 99 |
| 43) Isopropyl Acetate | 6.46 | 43 | 266630 | 48.995 | ug/l | | 97 |
| 44) Trichloroethene | 7.21 | 130 | 140164 | 50.422 | ug/l | | 95 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 123438 | 48.577 | ug/l | | 99 |
| 46) Dibromomethane | 7.66 | 93 | 81513 | 51.180 | ug/l | | 97 |
| 47) Bromodichloromethane | 7.90 | 83 | 150032 | 49.532 | ug/l | | 99 |
| 48) Methyl methacrylate | 7.77 | 41 | 138555 | 48.749 | ug/l | | 95 |
| 49) 1,4-Dioxane | 7.75 | 88 | 61270 | 999.495 | ug/l | | 96 |
| 51) 4-Methyl-2-Pentanone | 8.65 | 43 | 854391 | 238.215 | ug/l | | 97 |
| 52) Toluene | 8.79 | 92 | 299035 | 48.841 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 157362 | 47.392 | ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 177392 | 48.070 | ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 123386 | 49.493 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.18 | 69 | 184789 | 50.180 | ug/l | | 94 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 200117 | 48.505 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.31 | 63 | 514816 | 237.633 | ug/l | | 96 |
| 59) 2-Hexanone | 9.49 | 43 | 649081 | 231.402 | ug/l | | 97 |
| 60) Dibromochloromethane | 9.59 | 129 | 128379 | 49.964 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 131396 | 50.300 | ug/l | | 100 |
| 64) Tetrachloroethene | 9.34 | 164 | 140696 | 51.421 | ug/l | | 97 |
| 65) Chlorobenzene | 10.14 | 112 | 330242 | 49.279 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 123743 | 52.030 | ug/l | | 100 |
| 67) Ethyl Benzene | 10.25 | 91 | 551873 | 49.753 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.36 | 106 | 428556 | 100.969 | ug/l | | 100 |
| 69) o-Xylene | 10.70 | 106 | 210059 | 50.768 | ug/l | | 98 |
| 70) Styrene | 10.71 | 104 | 348570 | 51.424 | ug/l | | 99 |
| 71) Bromoform | 10.85 | 173 | 102700 | 52.180 | ug/l | # | 99 |
| 73) Isopropylbenzene | 11.02 | 105 | 558284 | 50.986 | ug/l | | 100 |
| 74) N-amyl acetate | 10.90 | 43 | 222996 | 48.278 | ug/l | | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 175190 | 48.830 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 11.30 | 75 | 201652 | 67.917 | ug/l | | 91 |
| 77) Bromobenzene | 11.26 | 156 | 150791 | 50.453 | ug/l | | 96 |
| 78) n-propylbenzene | 11.36 | 91 | 603574 | 50.243 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 363771 | 49.583 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 459780 | 50.957 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 47939 | 45.946 | ug/l | | 97 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 419027 | 49.869 | ug/l | | 99 |
| 83) tert-Butylbenzene | 11.77 | 119 | 456736 | 50.513 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 473296 | 50.853 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.94 | 105 | 546847 | 50.761 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 494560 | 50.760 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 264537 | 49.733 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 263258 | 48.740 | ug/l | | 100 |
| 89) n-Butylbenzene | 12.39 | 91 | 385649 | 47.304 | ug/l | | 99 |
| 90) Hexachloroethane | 12.60 | 117 | 78450 | 50.311 | ug/l | | 95 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 263798 | 49.986 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 37531 | 51.741 | ug/l | | 91 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
Data File : VX008100.D
Acq On : 15 Mar 2019 05:06
Operator : JC/SP
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Quant Time: Mar 15 05:45:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 185592 | 49.646 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 95478 | 47.009 | ug/l | 99 |
| 95) Naphthalene | 13.83 | 128 | 565747 | 53.822 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 188816 | 51.307 | ug/l | 100 |

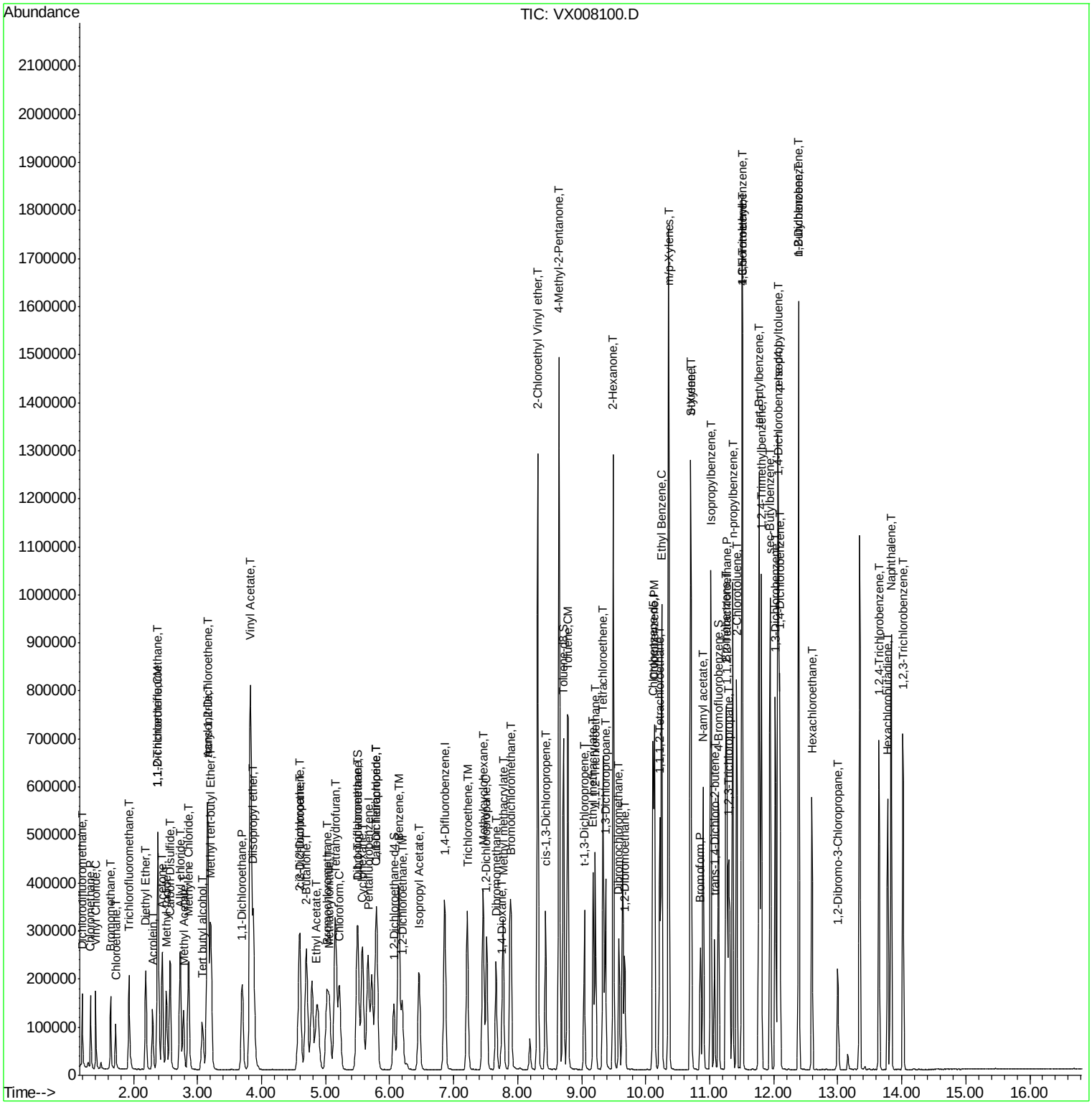
(#) = qualifier out of range (m) = manual integration (+) = signals summed

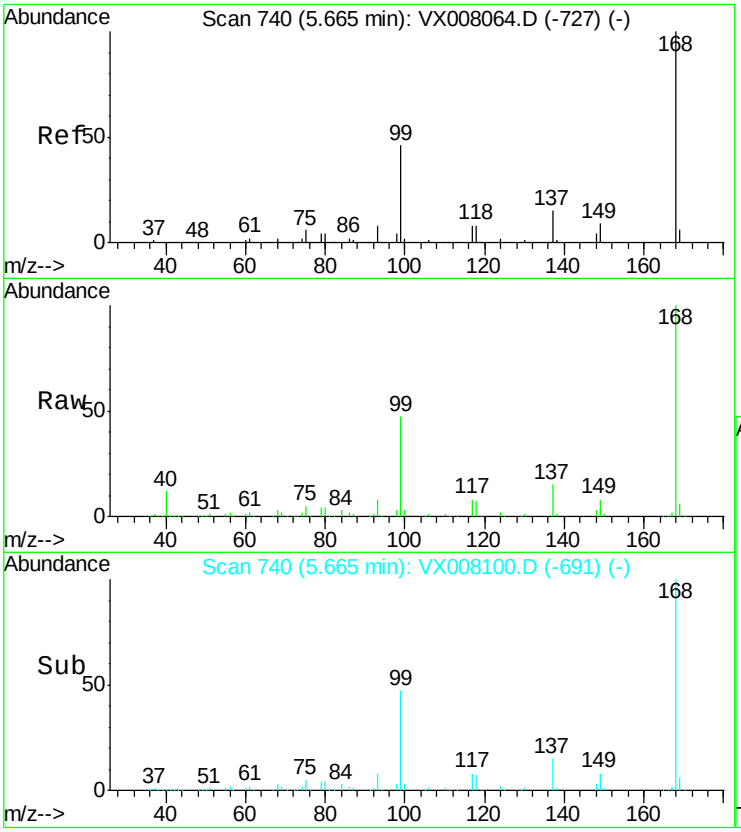
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
Data File : VX008100.D
Acq On : 15 Mar 2019 05:06
Operator : JC/SP
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Quant Time: Mar 15 05:45:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration



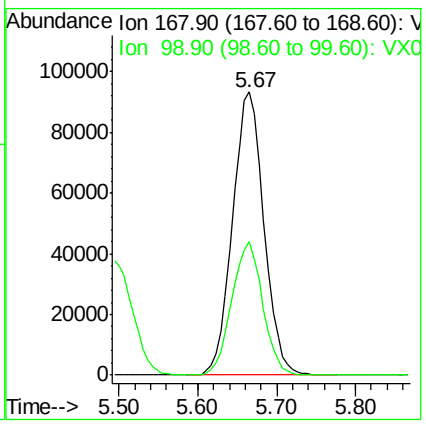


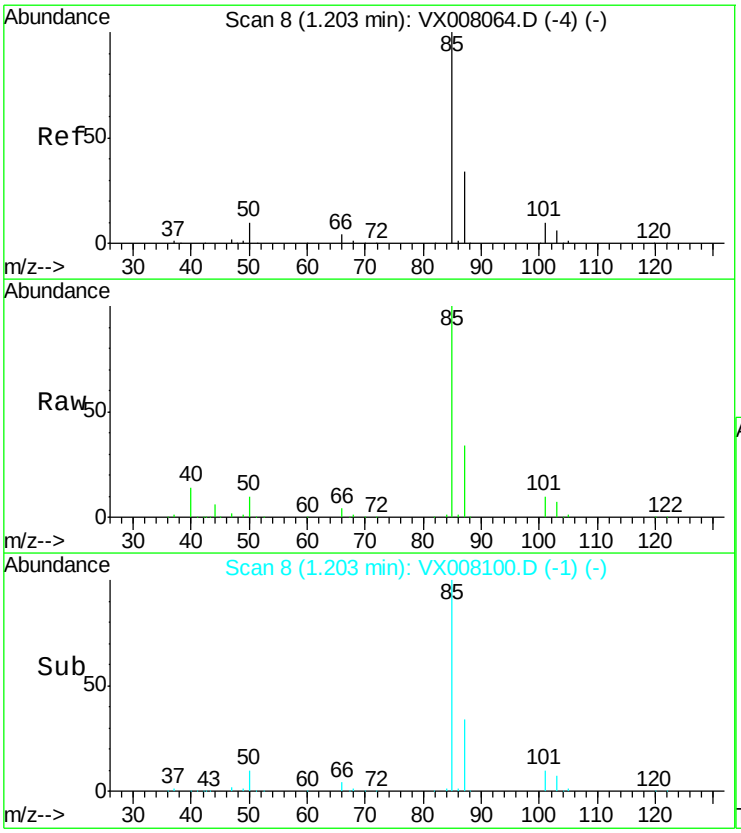

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:168 Resp: 257994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 47.2 | 37.6 | 56.4 |

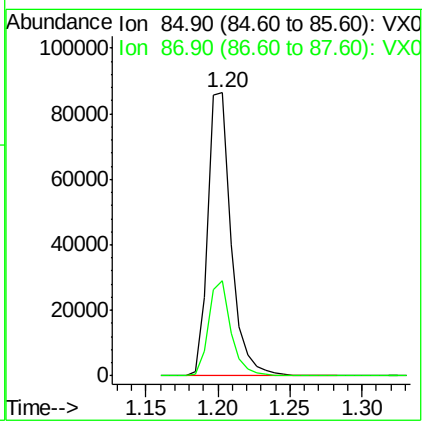


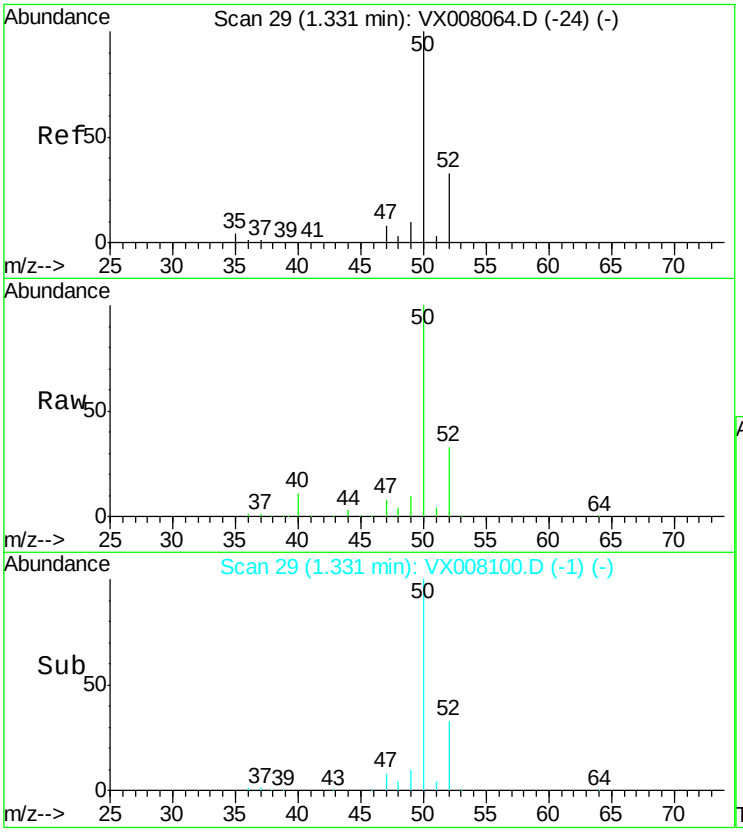




#2
Dichlorodifluoromethane
Concen: 46.876 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 85 Resp: 96806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.7 | 16.4 | 49.1 |



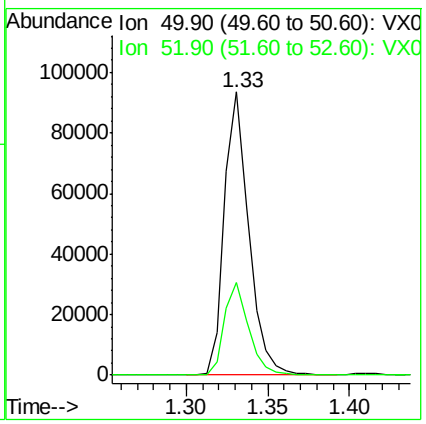


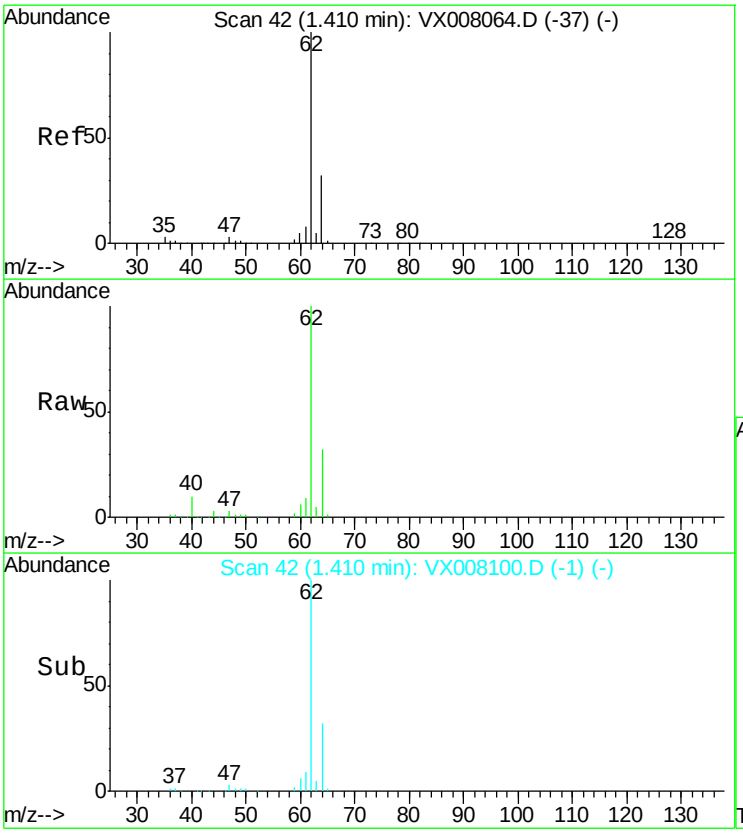

#3
Chloromethane
Concen: 40.123 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 50 Resp: 97561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.9 | 26.5 | 39.7 |

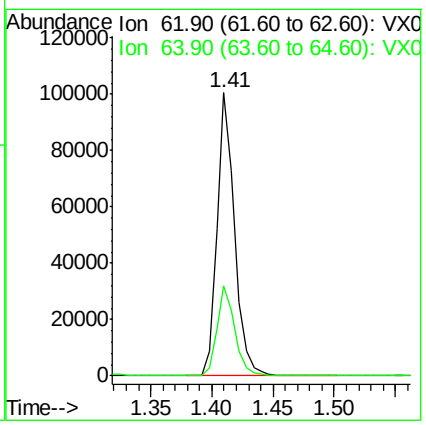


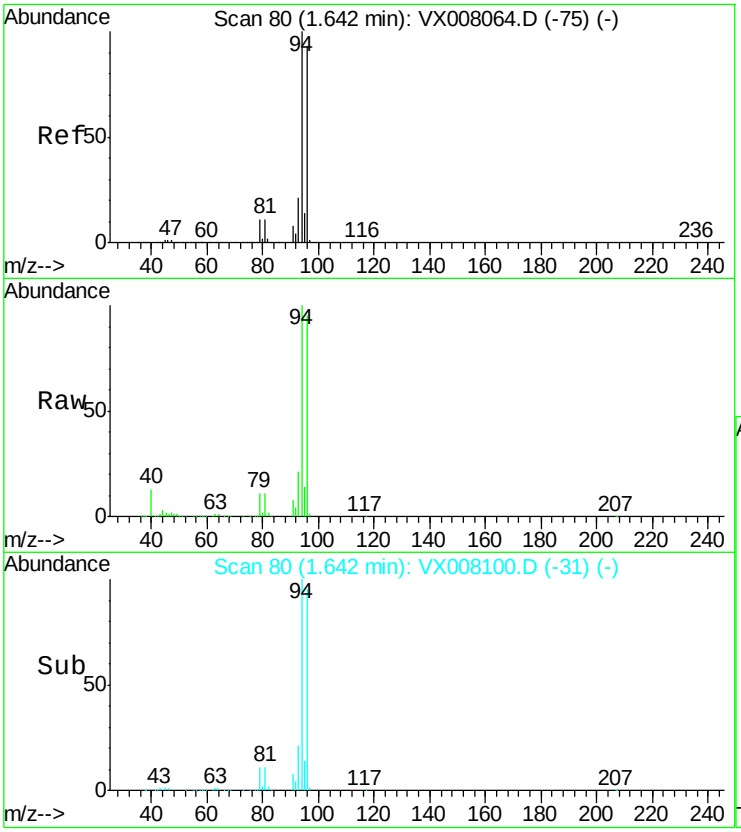




#4
Vinyl Chloride
Concen: 43.562 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 62 Resp: 101070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.9 | 25.3 | 37.9 |



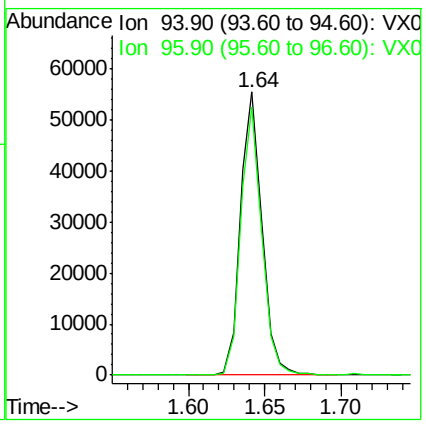


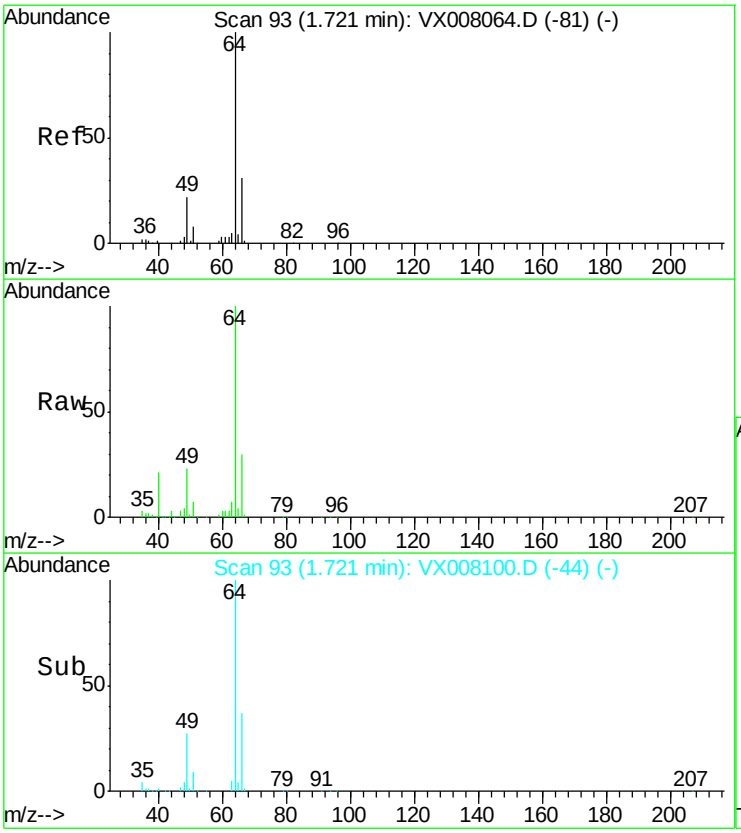

#5
Bromomethane
Concen: 47.582 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 94 Resp: 53697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.7 | 75.5 | 113.3 |

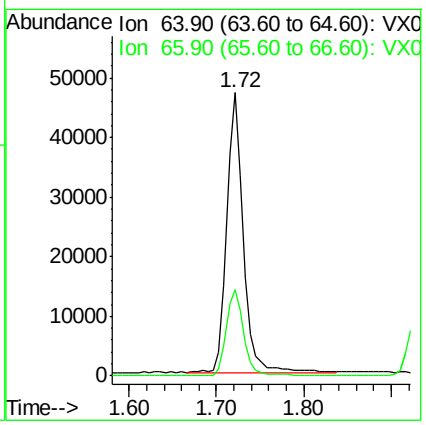


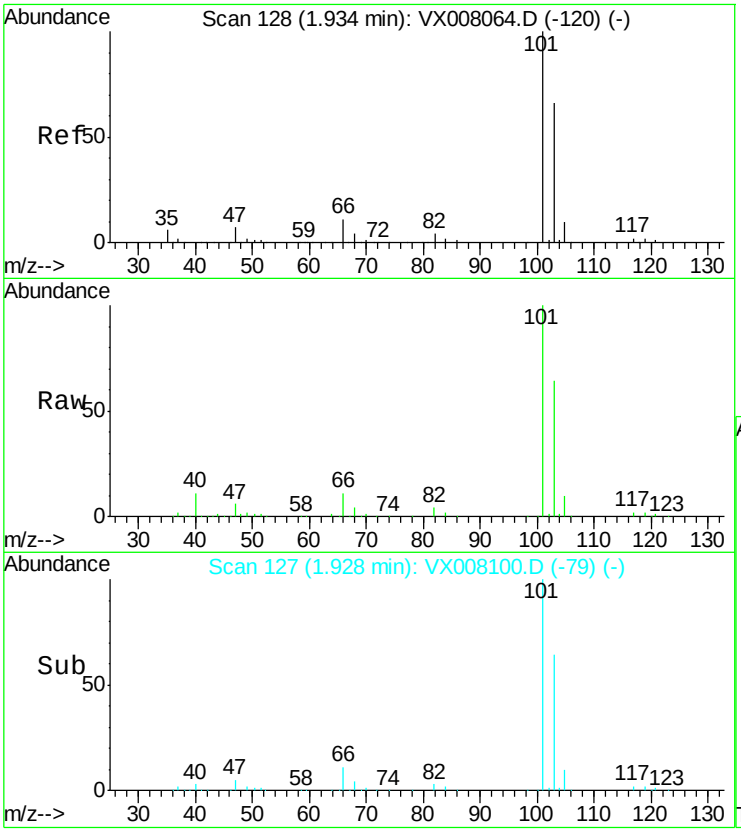




#6
Chloroethane
Concen: 49.132 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 64 Resp: 61380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.6 | 25.2 | 37.8 |



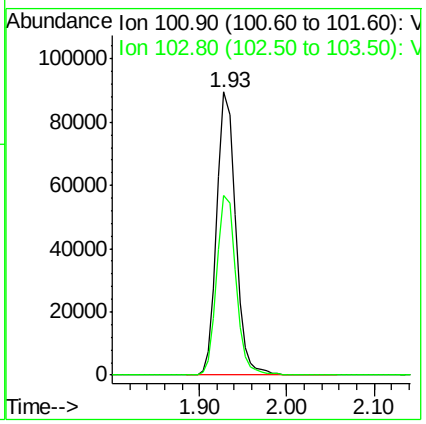


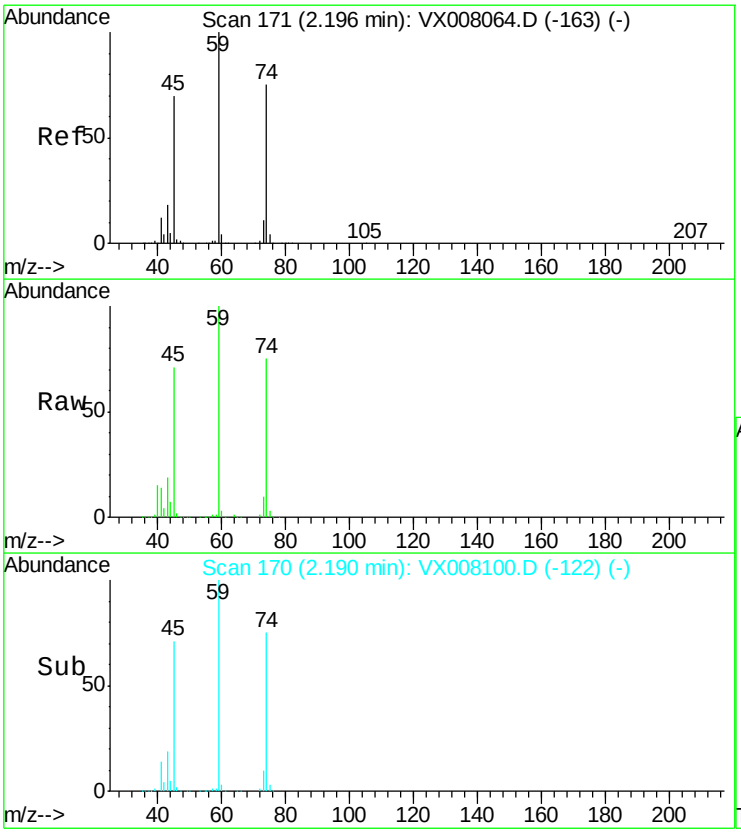

#7
Trichlorofluoromethane
Concen: 47.834 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:101 Resp: 133200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.5 | 50.4 | 75.6 |

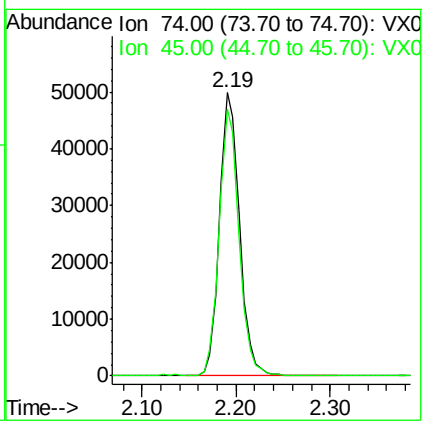


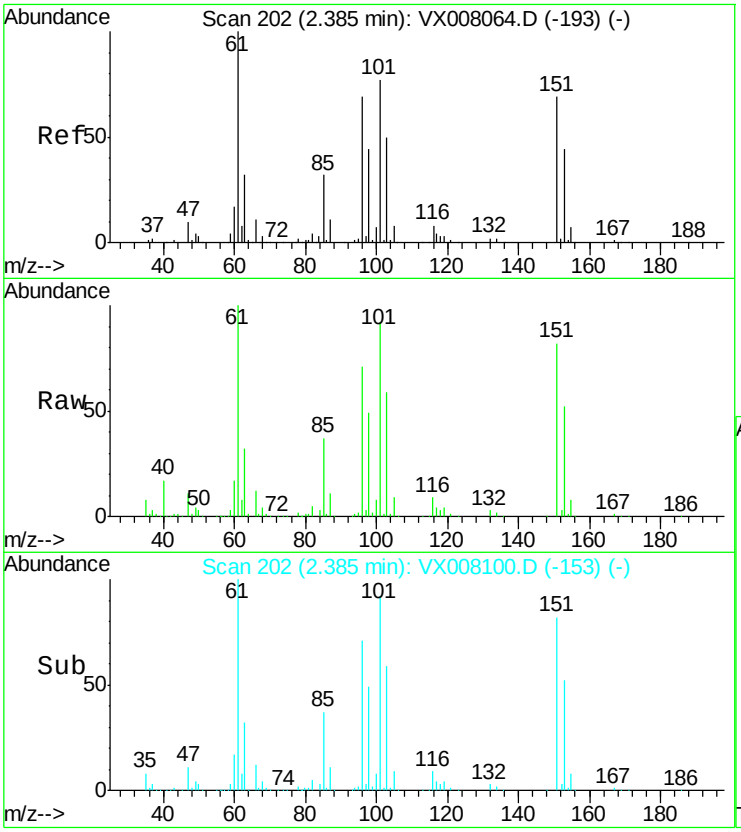




#8
Diethyl Ether
Concen: 53.118 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 74 Resp: 73527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 93.7 | 52.1 | 156.4 |



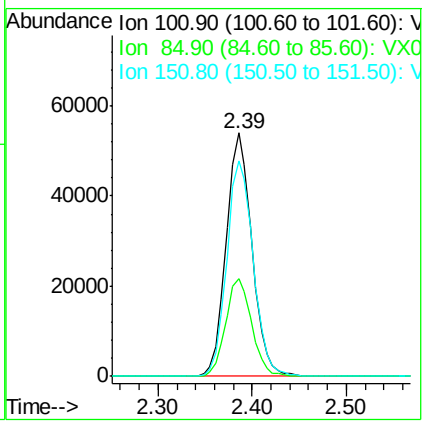


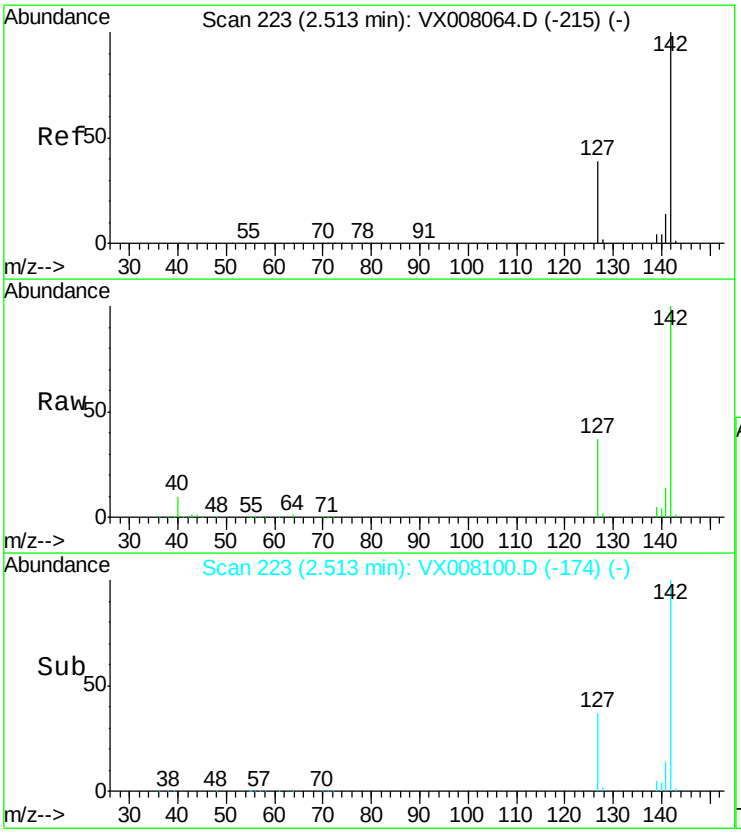

#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.329 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:101 Resp: 102664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 40.6 | 33.8 | 50.6 |
| 151 | 91.0 | 69.1 | 103.7 |

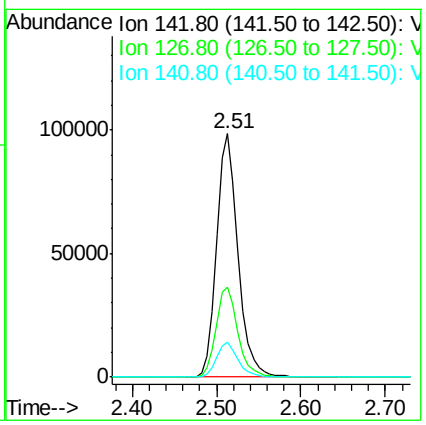


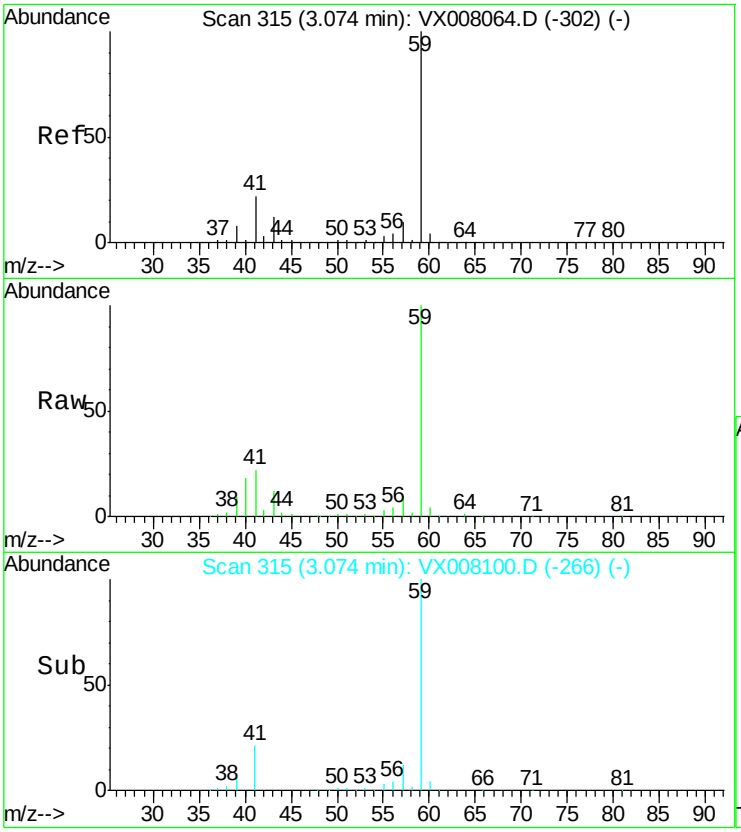




#10
Methyl Iodide
Concen: 59.172 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion:142 Resp: 172039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 37.8 | 32.1 | 48.1 |
| 141 | 14.4 | 11.4 | 17.2 |



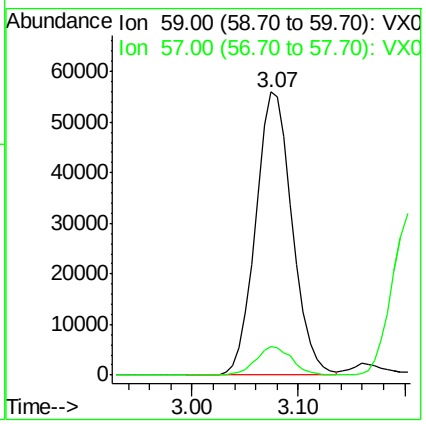


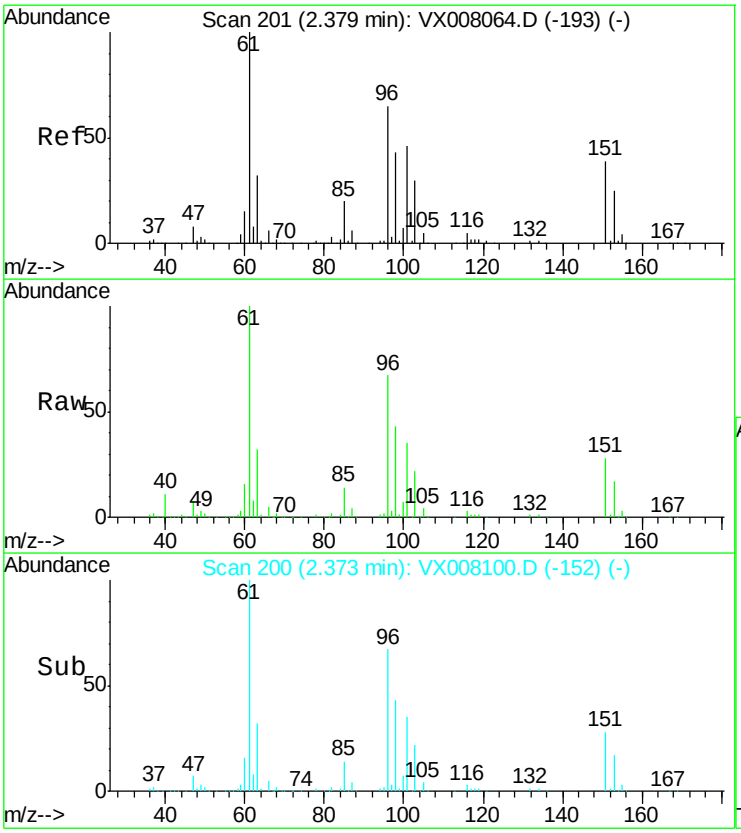

#11
Tert butyl alcohol
Concen: 266.669 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 59 Resp: 134081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.0 | 8.2 | 12.2 |

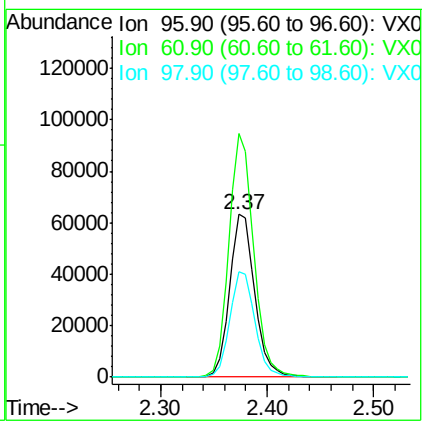


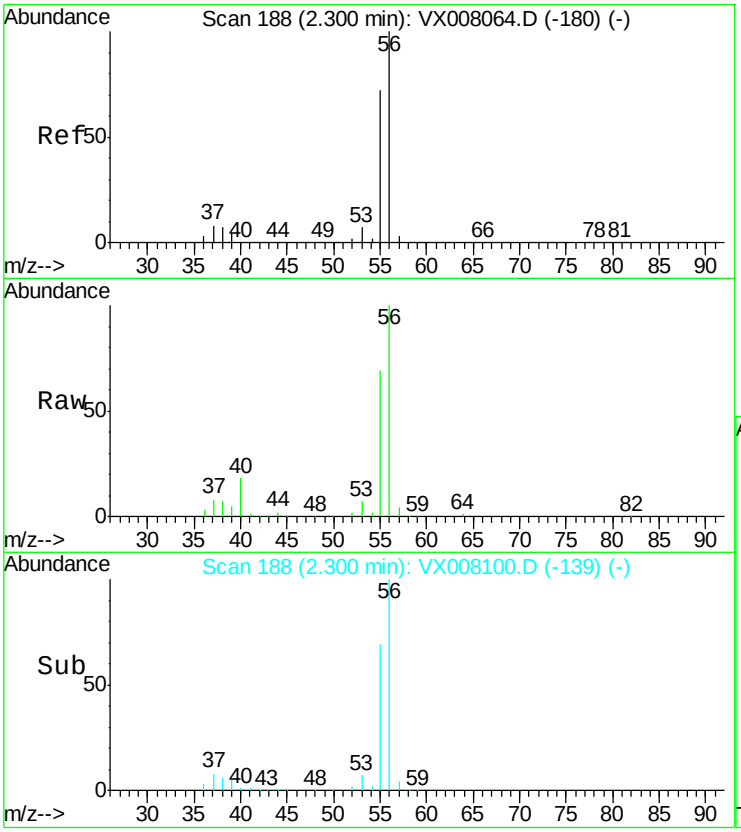




#12
1,1-Dichloroethene
Concen: 53.165 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 96 Resp: 104579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 149.6 | 129.8 | 194.6 |
| 98 | 64.6 | 51.0 | 76.6 |



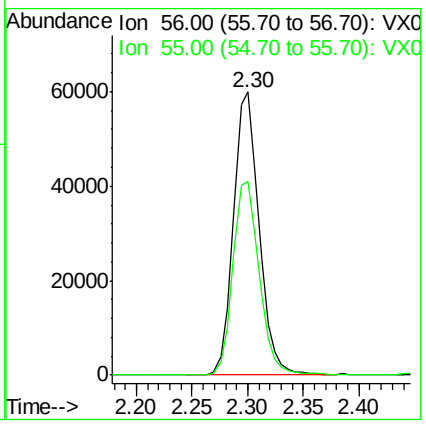


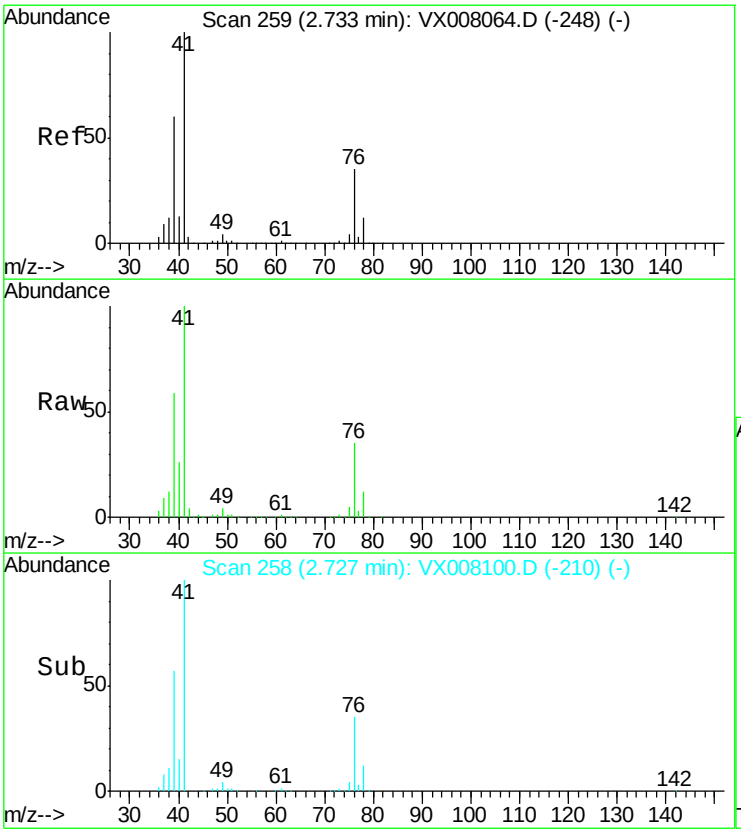

#13
Acrolein
Concen: 206.090 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 56 Resp: 95449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.9 | 57.8 | 86.6 |

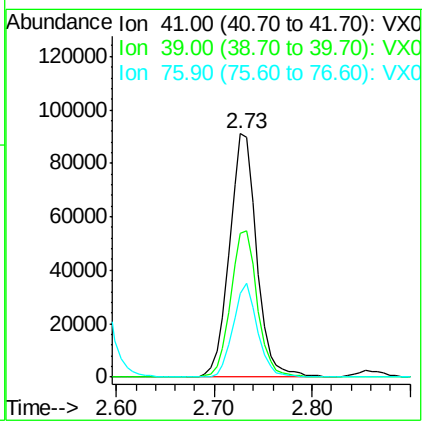


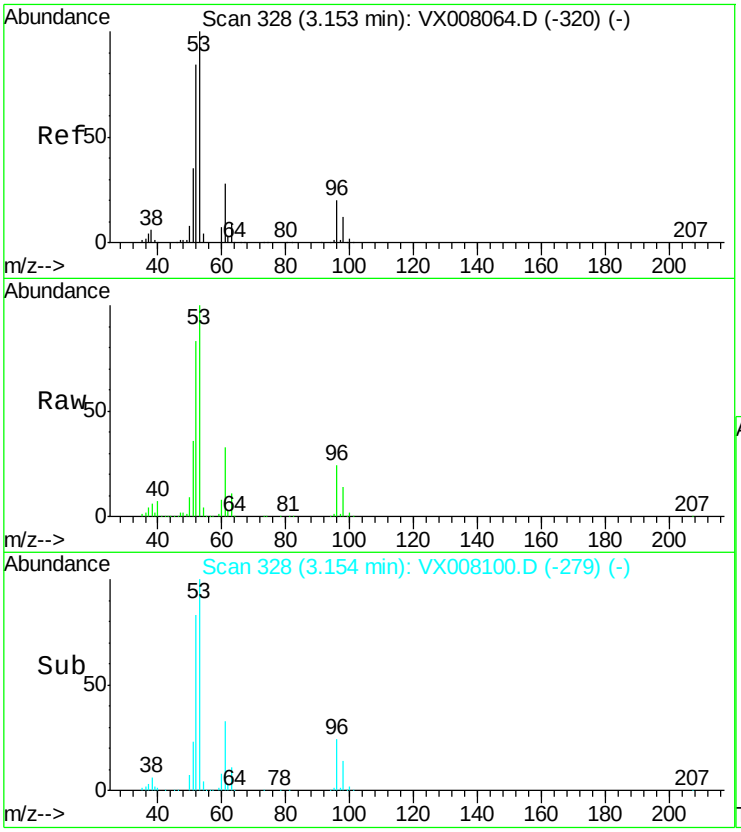




#14
Allyl chloride
Concen: 49.005 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 41 Resp: 175579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 59.0 | 46.1 | 69.1 |
| 76 | 34.5 | 24.0 | 36.0 |



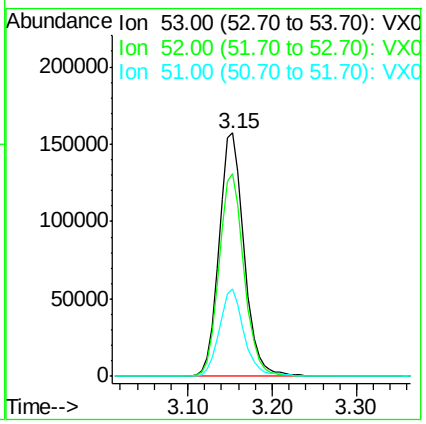


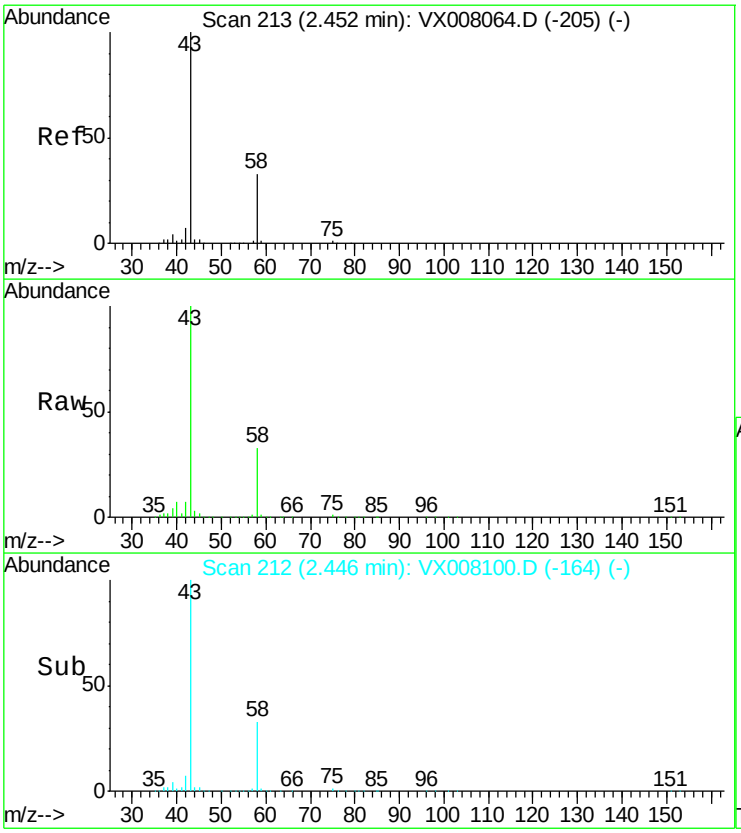

#15
Acrylonitrile
Concen: 261.529 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 53 Resp: 320647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.0 | 66.0 | 99.0 |
| 51 | 35.4 | 28.0 | 42.0 |

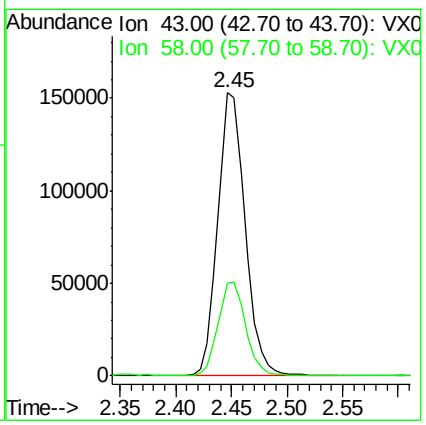


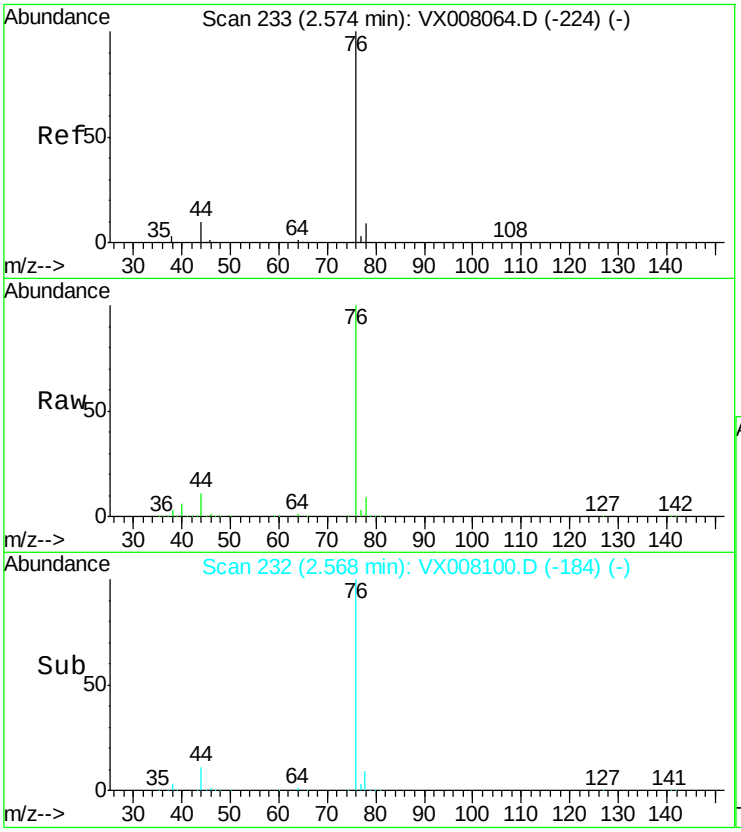




#16
Acetone
Concen: 211.516 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 43 Resp: 259877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.6 | 25.5 | 38.3 |



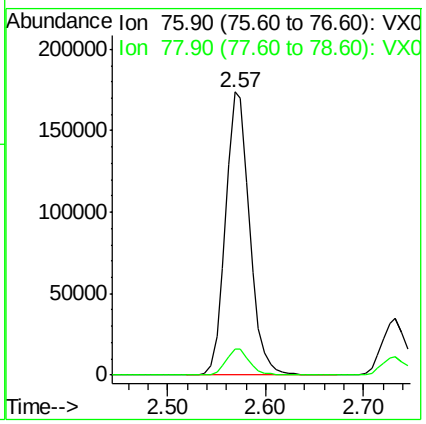


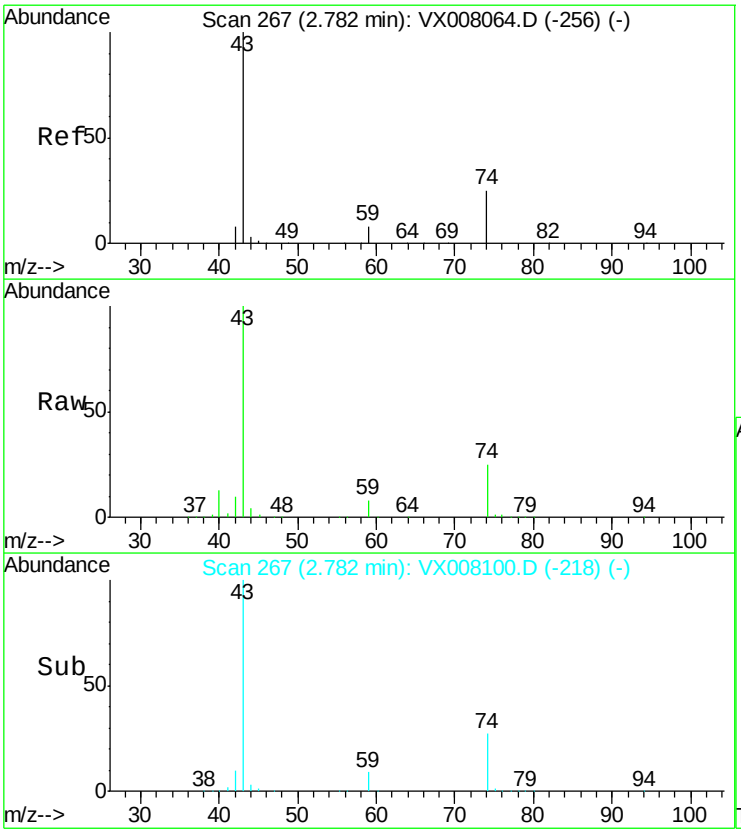

#17
Carbon Disulfide
Concen: 52.435 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 76 Resp: 296151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.4 | 7.2 | 10.8 |

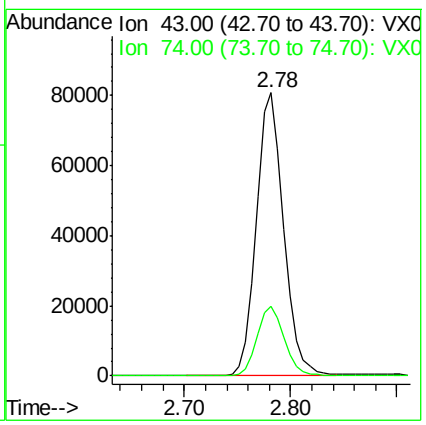


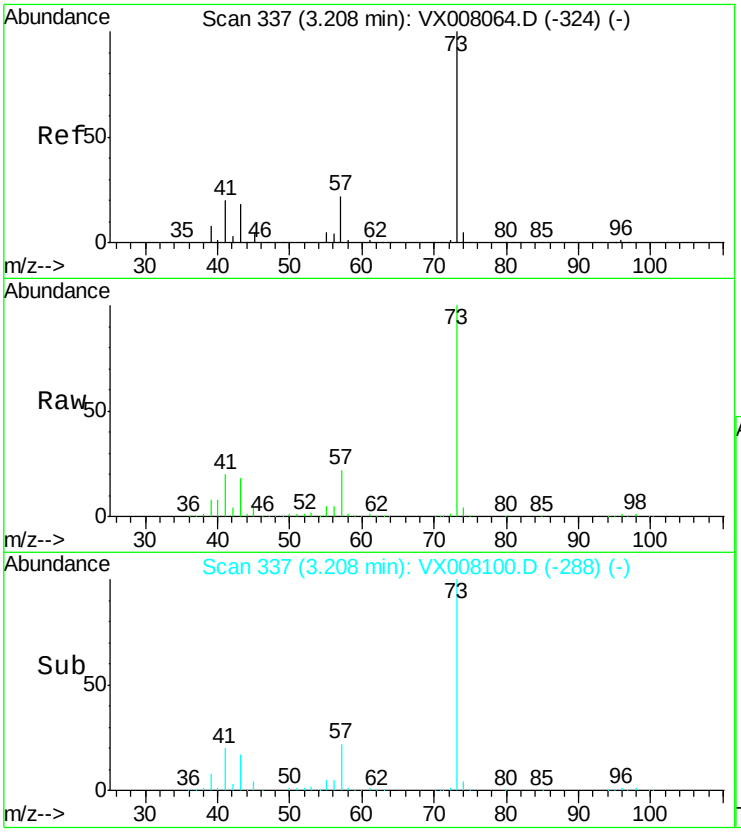




#18
Methyl Acetate
Concen: 54.441 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 43 Resp: 144570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.3 | 17.8 | 26.6 |



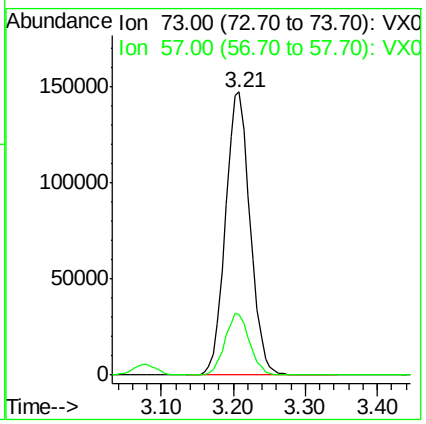


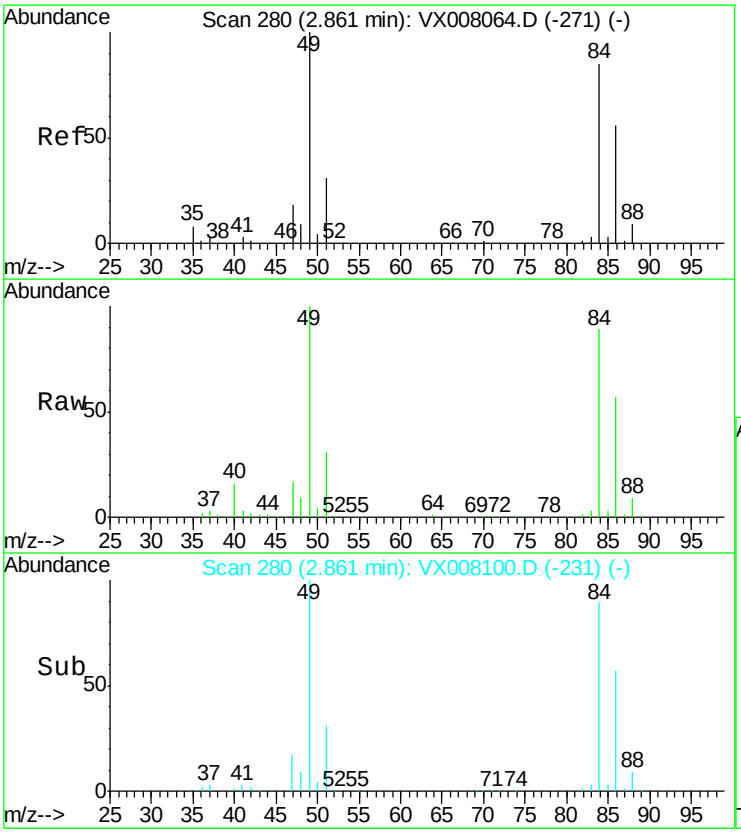

#19
Methyl tert-butyl Ether
Concen: 52.694 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 73 Resp: 350450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.6 | 18.2 | 27.4 |

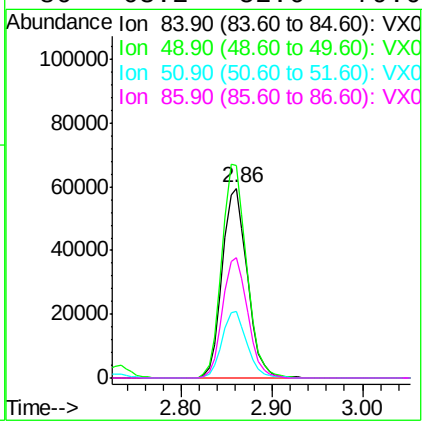


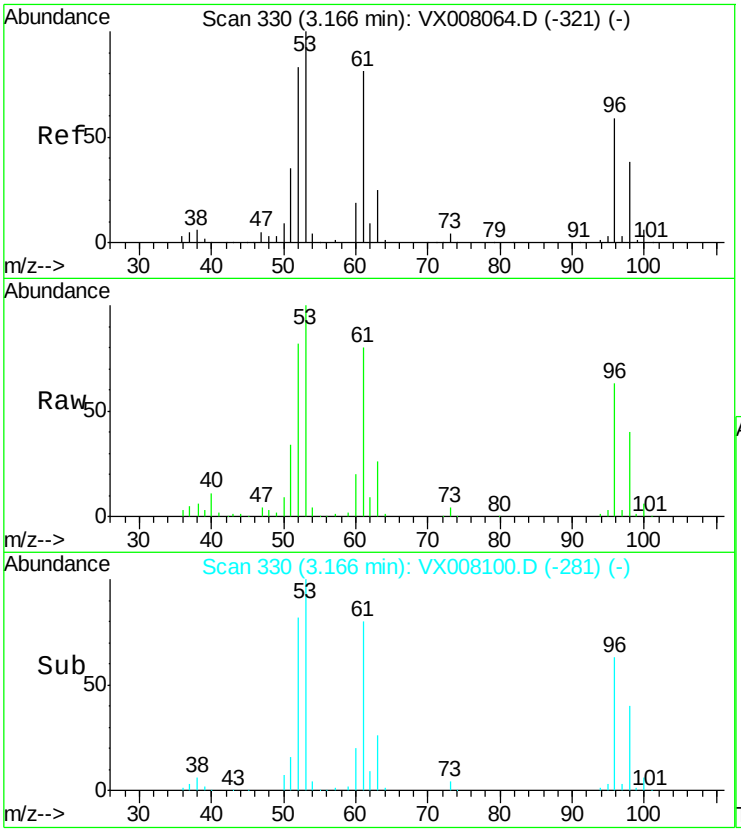




#20
Methylene Chloride
Concen: 52.286 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 84 Resp: 114734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 111.7 | 99.3 | 148.9 |
| 51 | 34.8 | 31.3 | 46.9 |
| 86 | 63.2 | 52.6 | 79.0 |



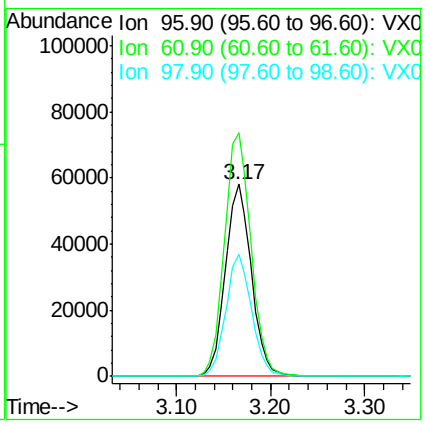


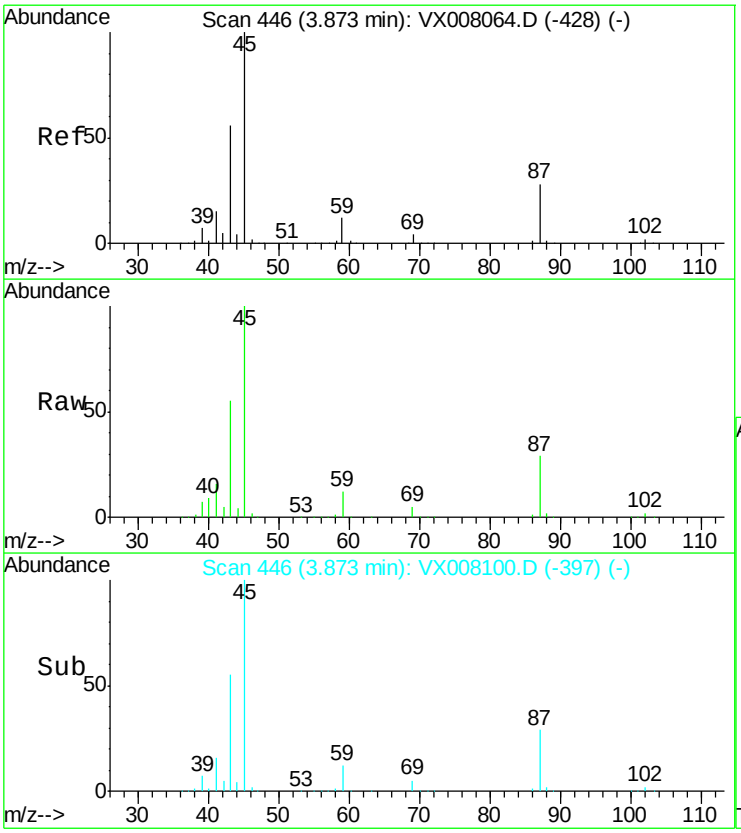

#21
trans-1,2-Dichloroethene
Concen: 52.492 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 96 Resp: 111251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 126.7 | 114.4 | 171.6 |
| 98 | 63.5 | 51.1 | 76.7 |

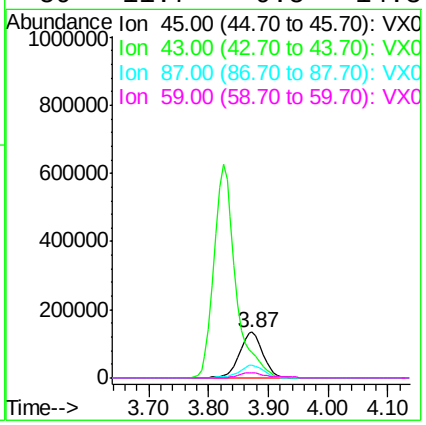


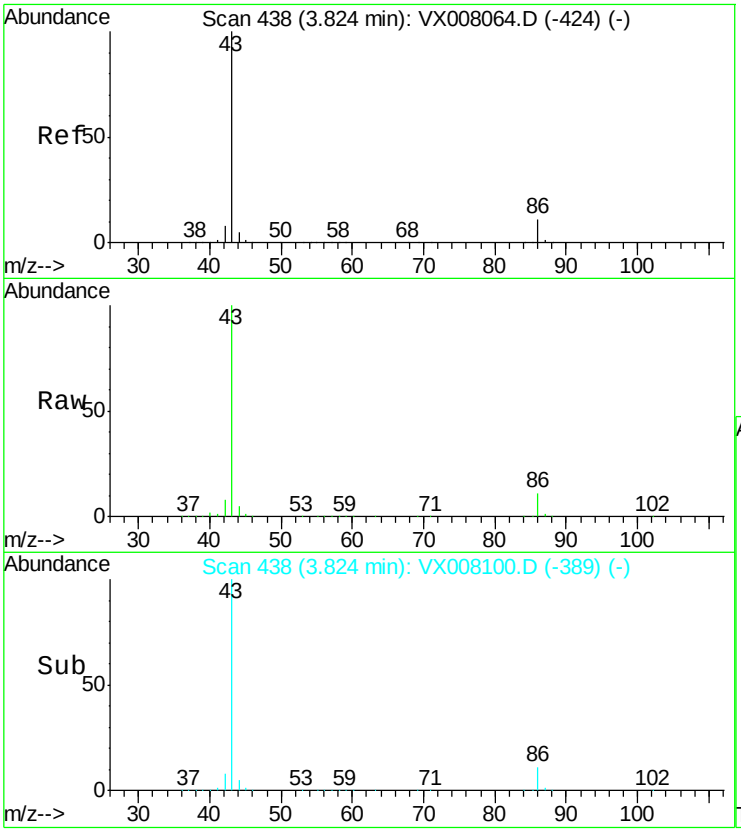




#22
Diisopropyl ether
Concen: 51.854 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 45 Resp: 369214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 54.9 | 45.3 | 67.9 |
| 87 | 29.1 | 21.4 | 32.0 |
| 59 | 11.7 | 9.5 | 14.3 |



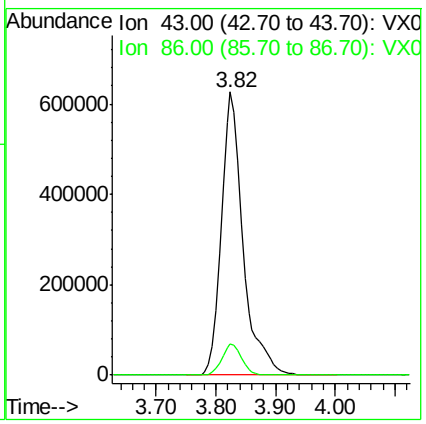


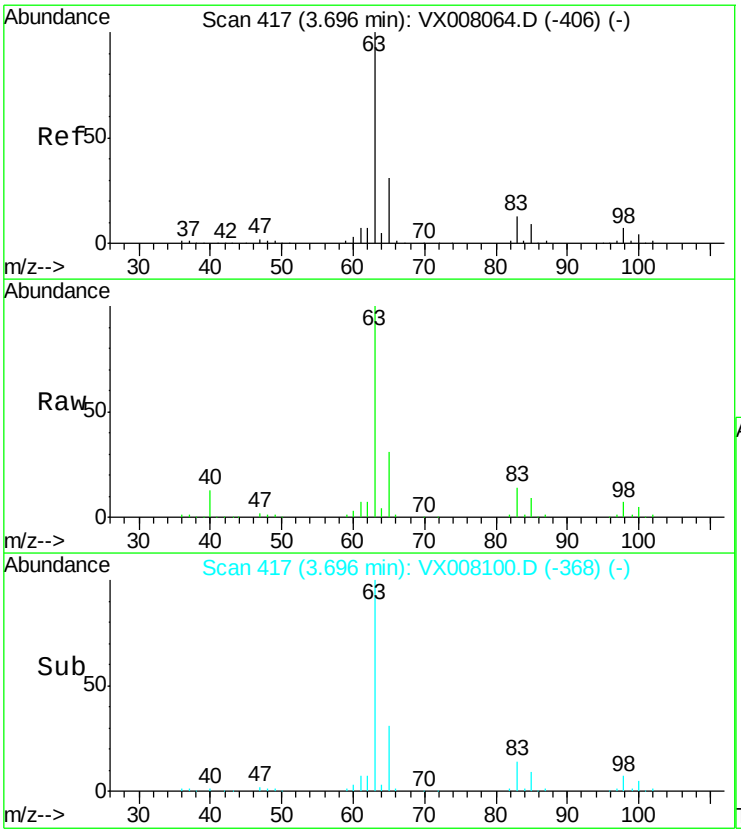

#23
Vinyl Acetate
Concen: 261.894 ug/l
RT: 3.82 min Scan# 438
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 43 Resp: 1585913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.1 | 7.9 | 11.9 |

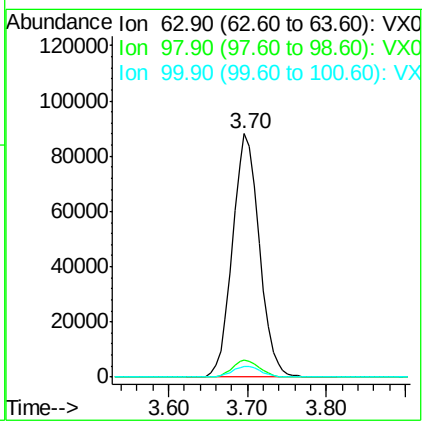


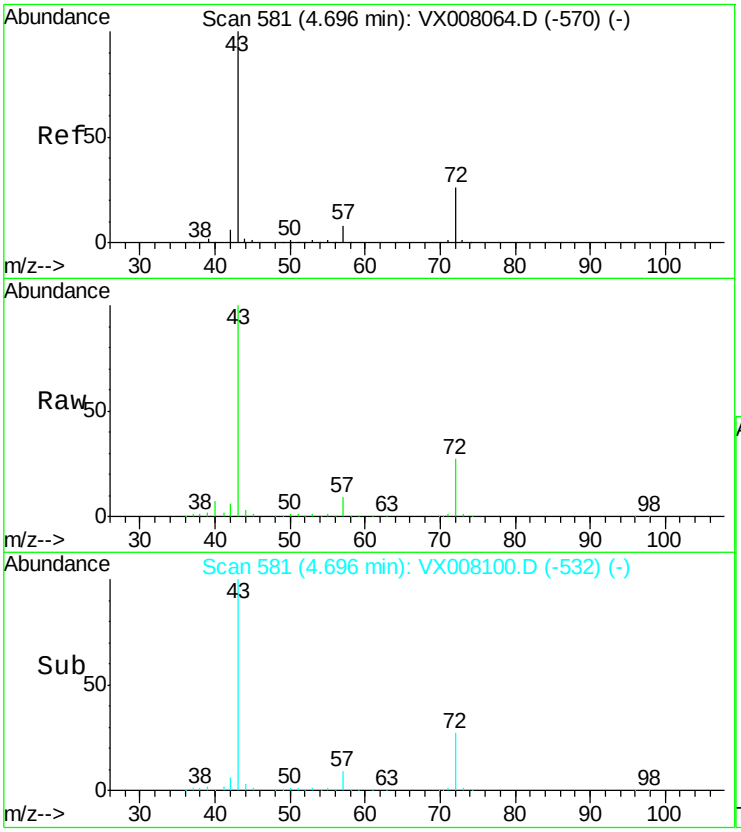




#24
1,1-Dichloroethane
Concen: 53.461 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 63 Resp: 208662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.1 | 3.3 | 9.8 |
| 100 | 4.6 | 2.3 | 6.8 |



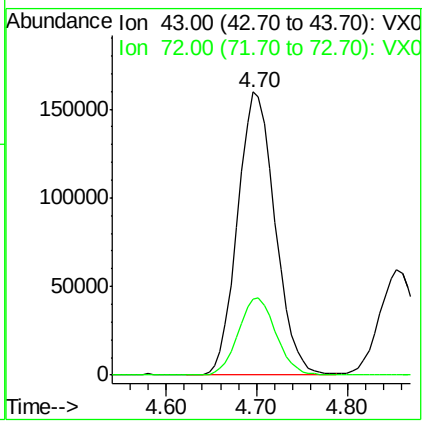


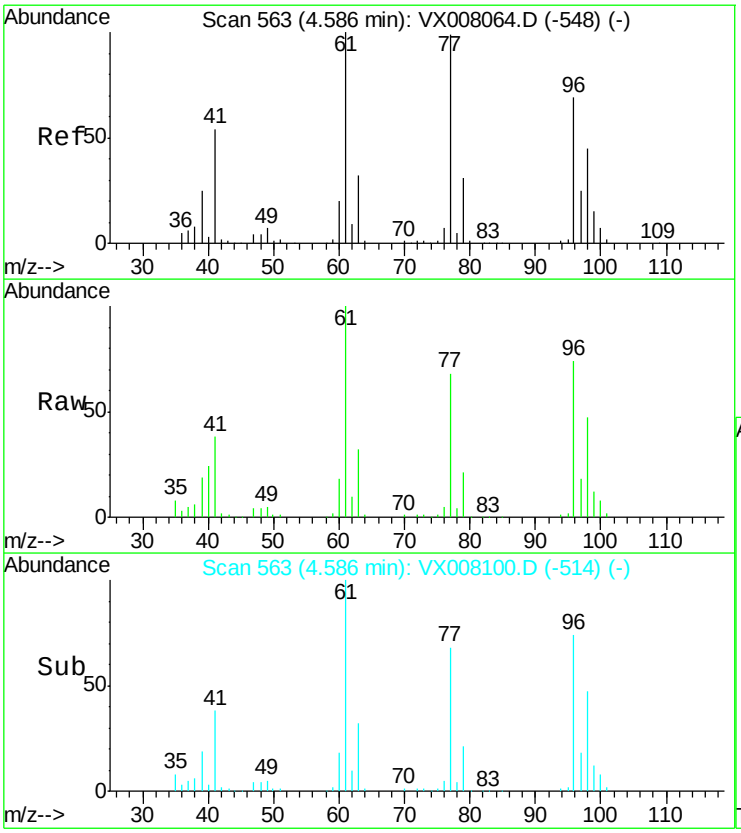

#25
2-Butanone
Concen: 242.263 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 456883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.8 | 19.9 | 29.9 |

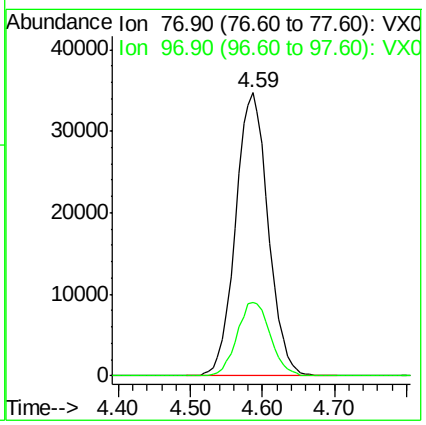


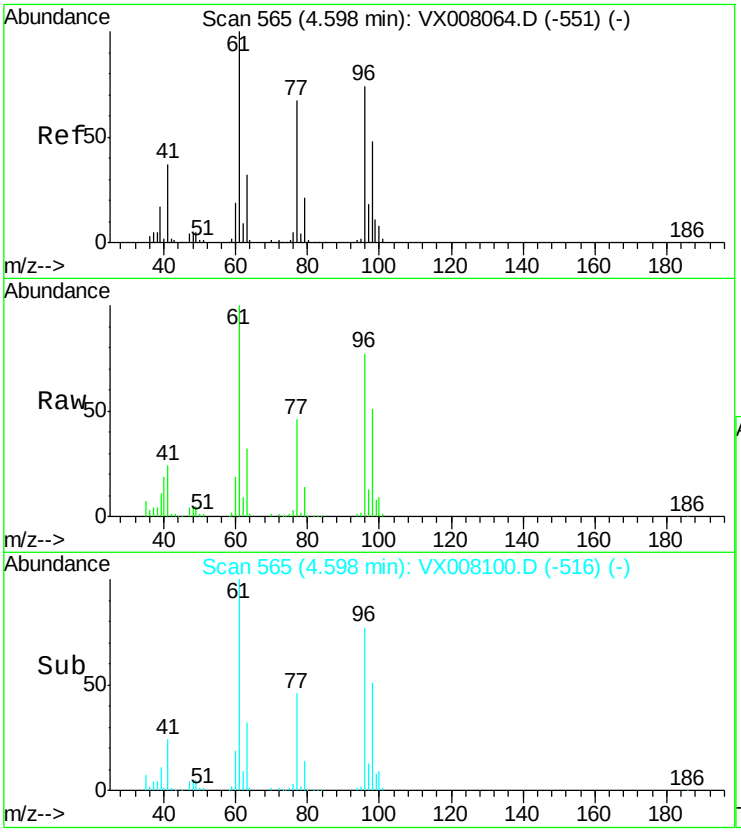




#26
2,2-Dichloropropane
Concen: 36.501 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 77 Resp: 108840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 26.7 | 12.2 | 36.6 |



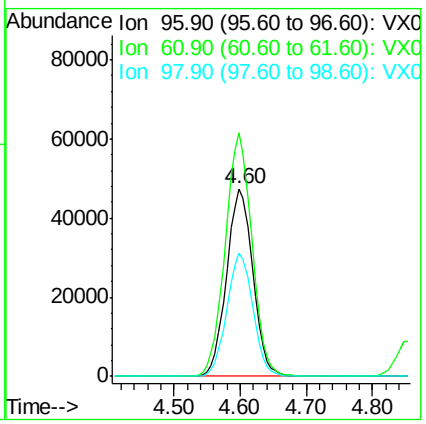


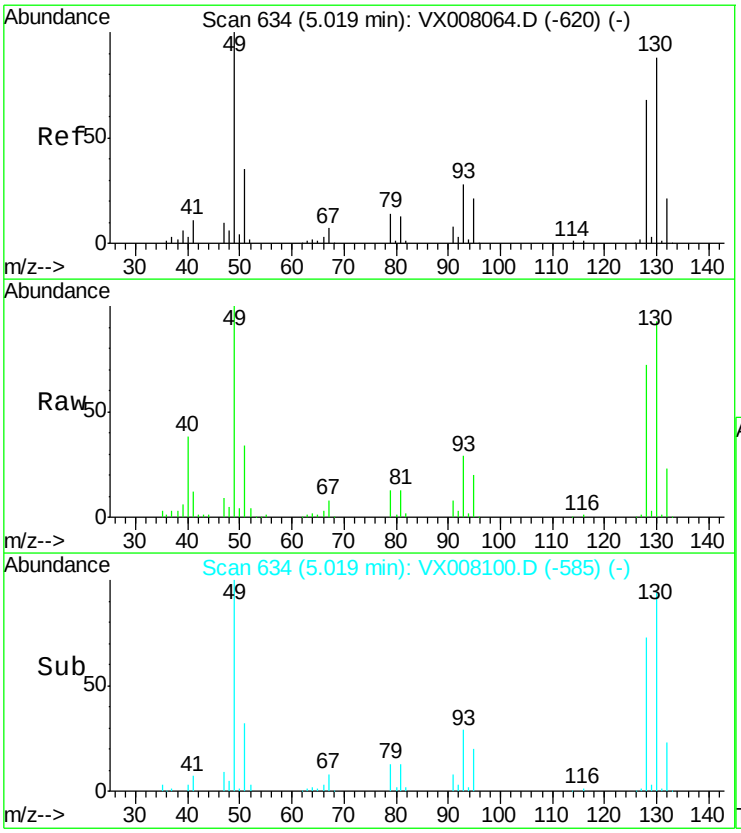

#27
cis-1,2-Dichloroethene
Concen: 51.776 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 96 Resp: 130441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 132.2 | 0.0 | 288.0 |
| 98 | 65.1 | 0.0 | 129.0 |

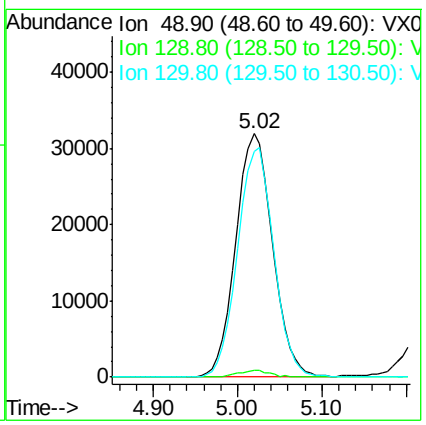


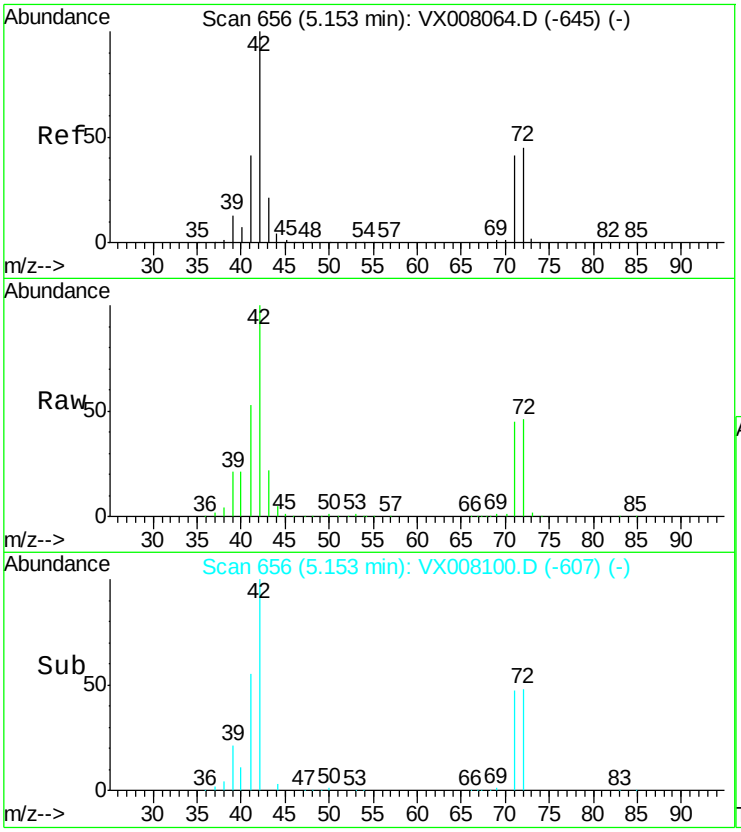




#28
Bromochloromethane
Concen: 51.443 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 49 Resp: 94831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.3 | 0.0 | 4.0 |
| 130 | 92.3 | 65.0 | 97.4 |



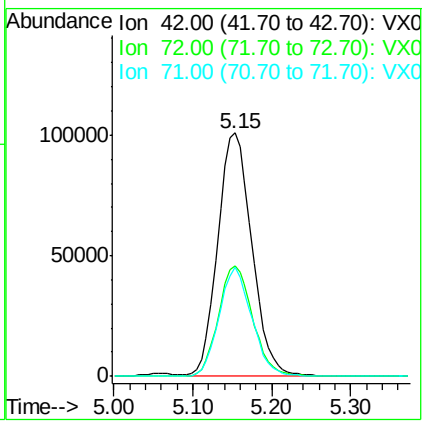


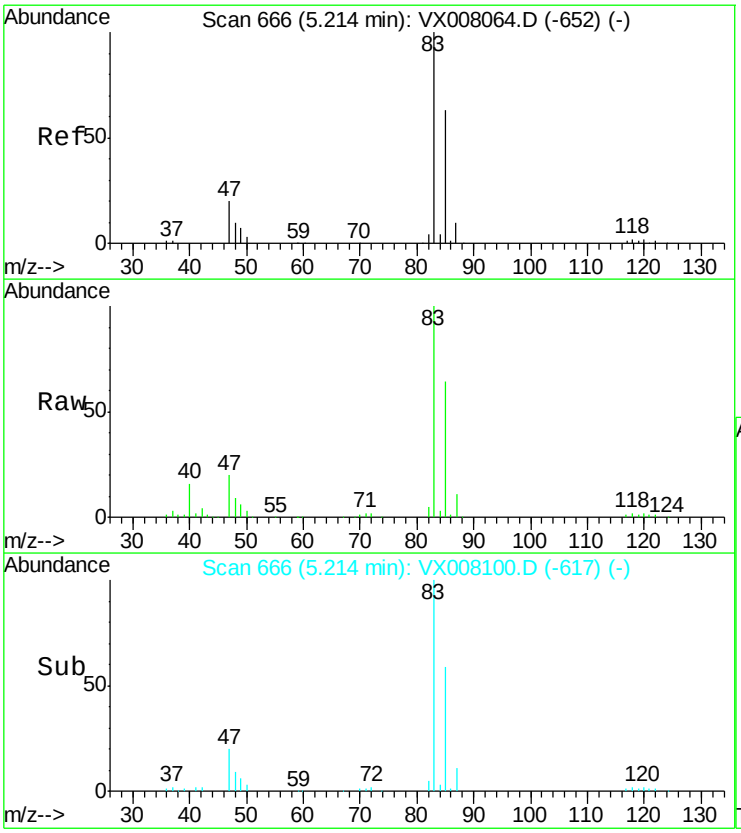

#29
Tetrahydrofuran
Concen: 257.186 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 42 Resp: 302780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 45.9 | 33.8 | 50.6 |
| 71 | 43.0 | 31.5 | 47.3 |

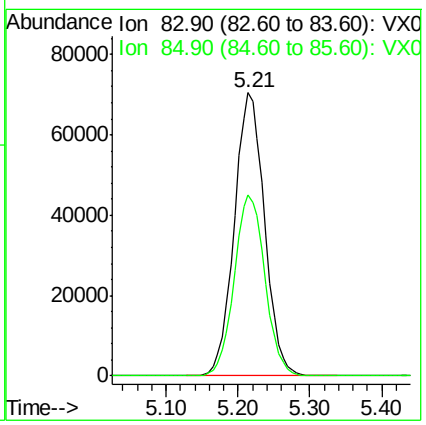


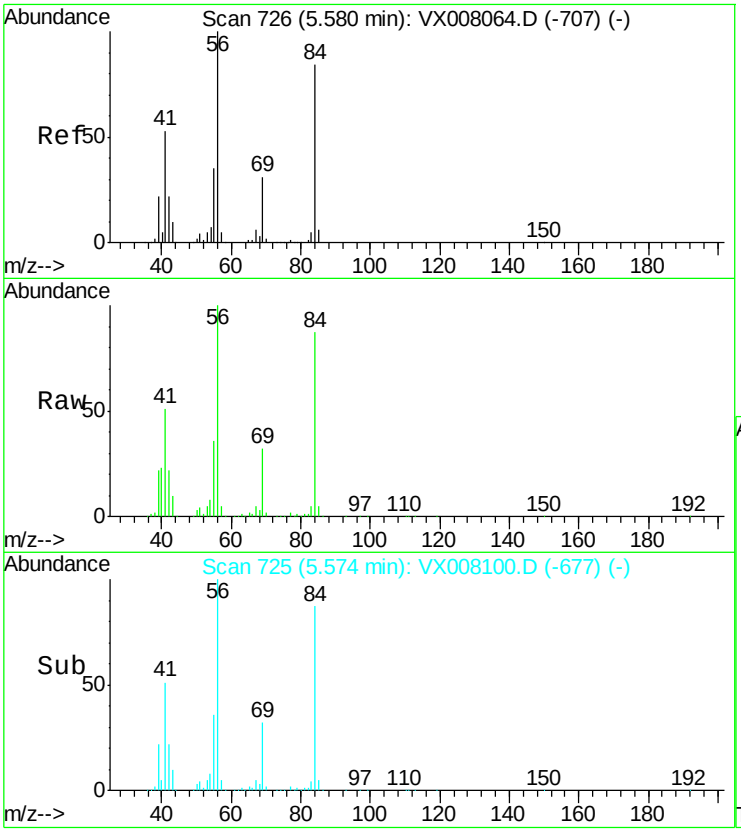




#30
Chloroform
Concen: 51.712 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 83 Resp: 204446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.9 | 51.8 | 77.6 |



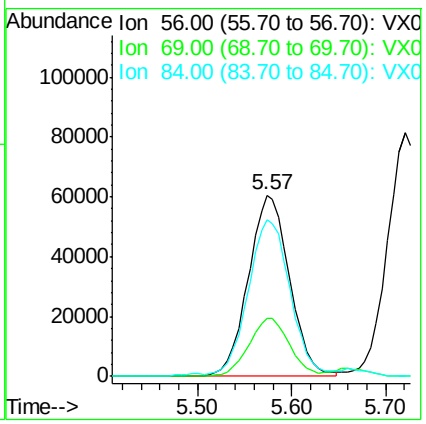


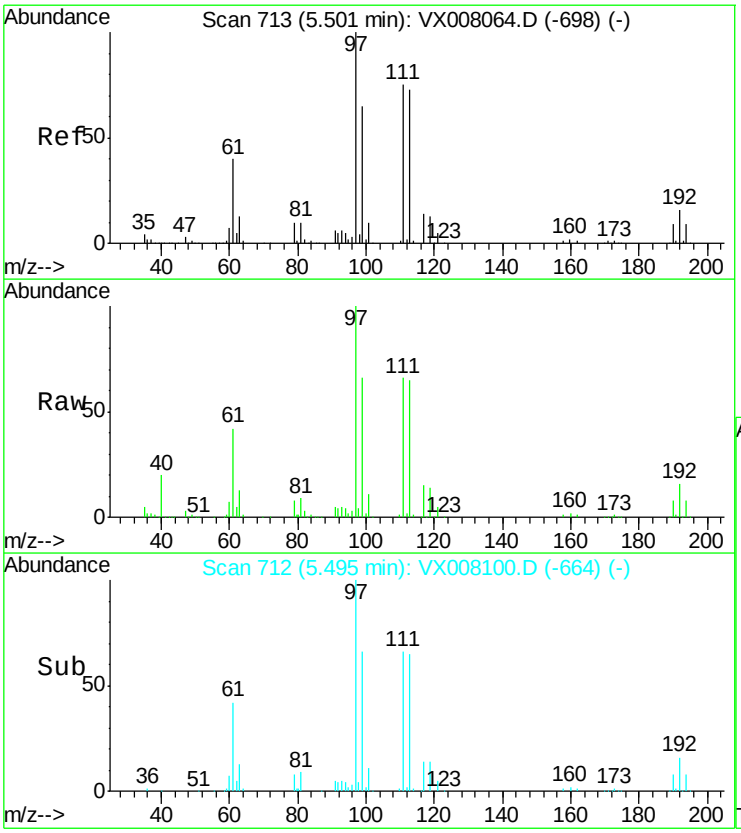

#31
Cyclohexane
Concen: 49.667 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 56 Resp: 184817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.7 | 24.0 | 36.0 |
| 84 | 85.4 | 65.3 | 97.9 |

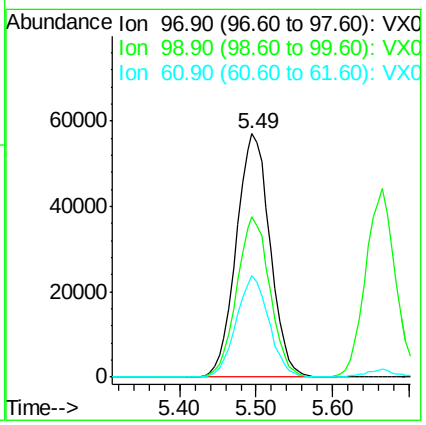


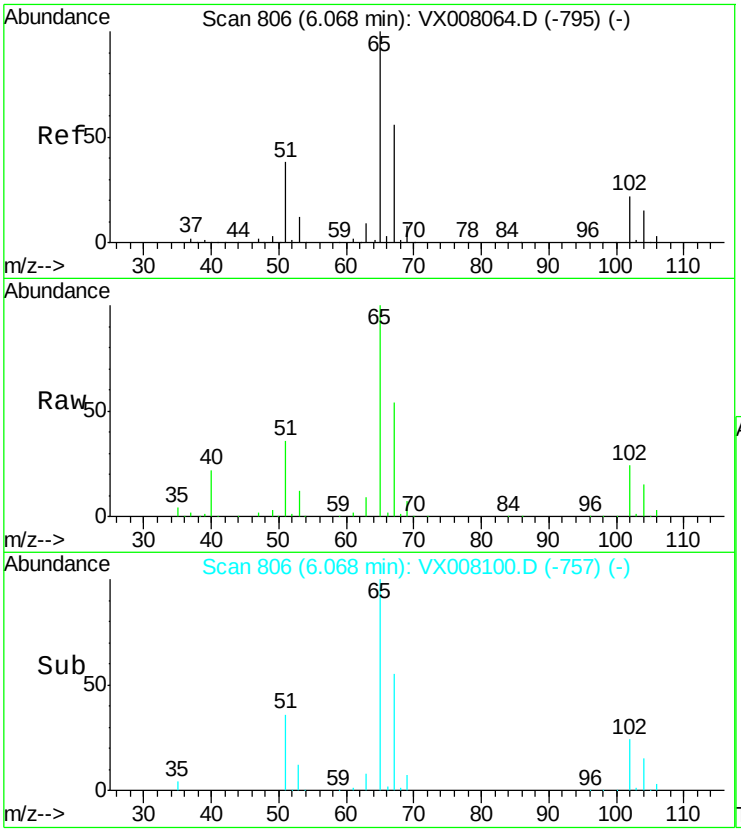




#32
1,1,1-Trichloroethane
Concen: 52.381 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 97 Resp: 174440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.8 | 52.2 | 78.2 |
| 61 | 40.5 | 34.9 | 52.3 |



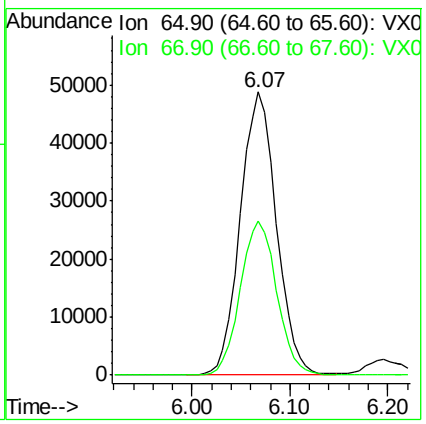


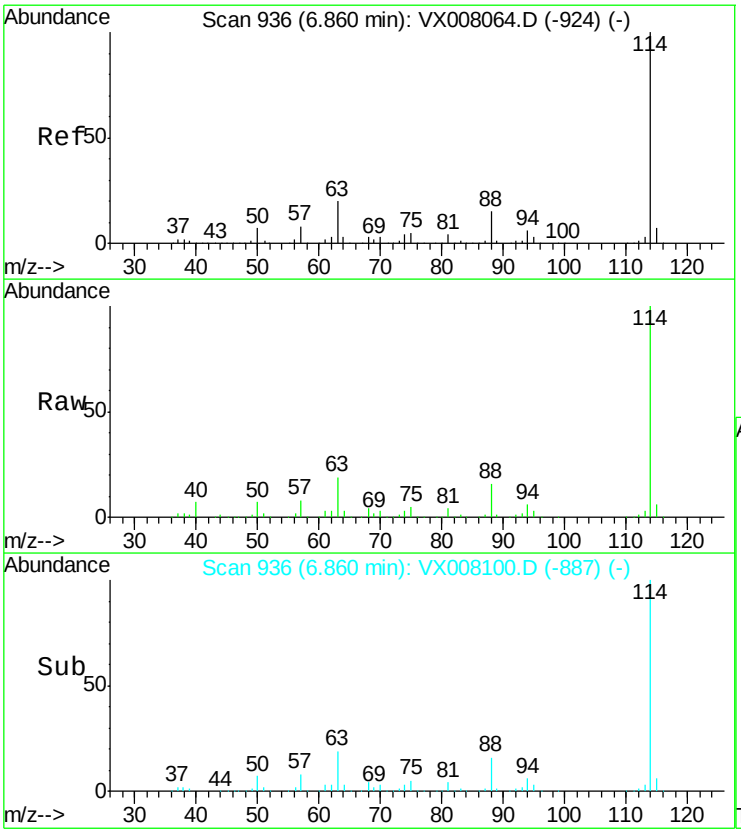

#33
1,2-Dichloroethane-d4
Concen: 48.104 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 65 Resp: 125189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.9 | 0.0 | 110.0 |

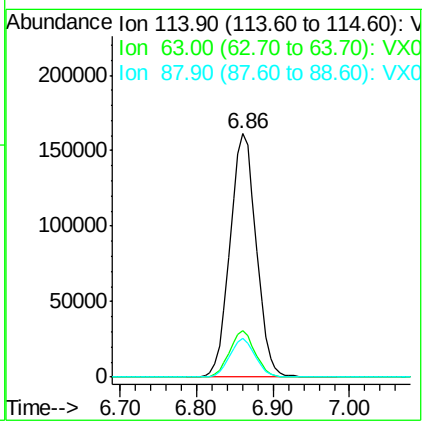


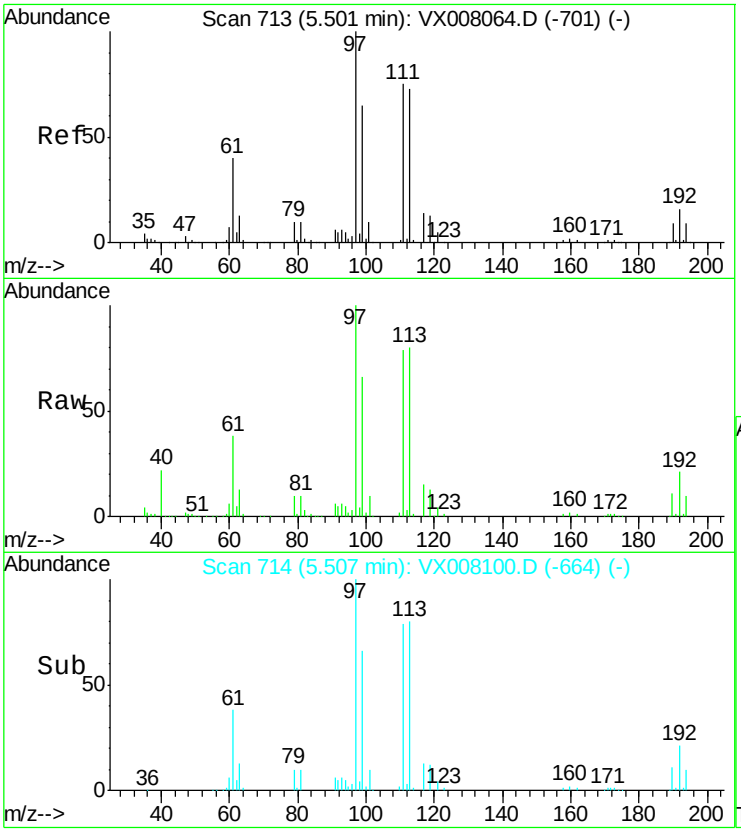




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion:114 Resp: 382183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.0 | 0.0 | 39.8 |
| 88 | 15.7 | 0.0 | 31.4 |



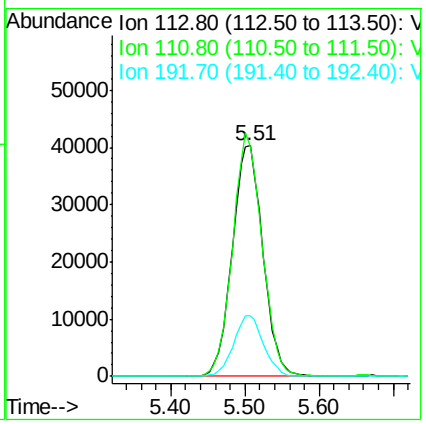


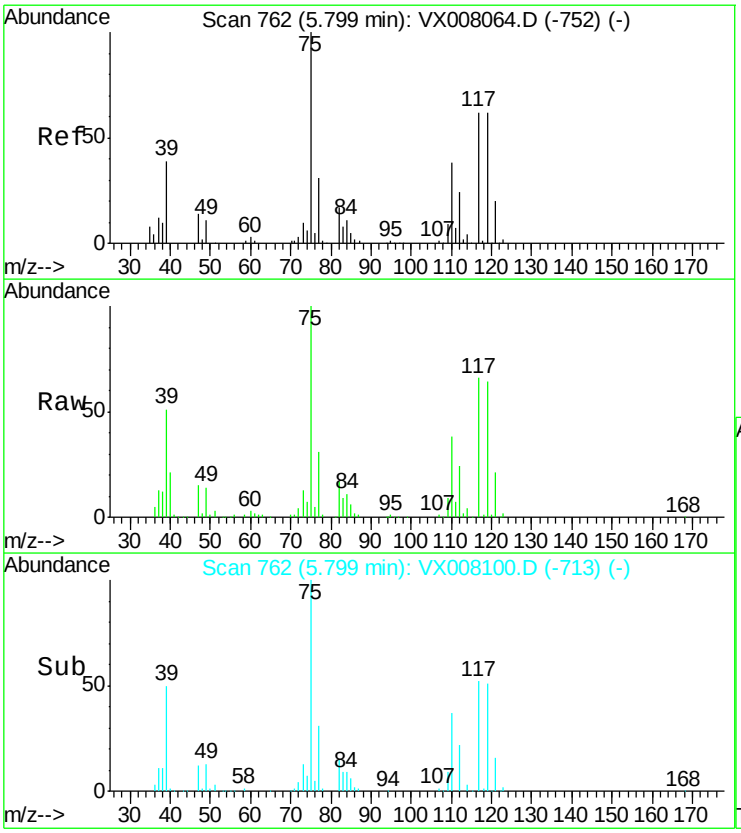

#35
Dibromofluoromethane
Concen: 48.042 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:113 Resp: 116435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.2 | 81.4 | 122.0 |
| 192 | 25.6 | 19.4 | 29.0 |

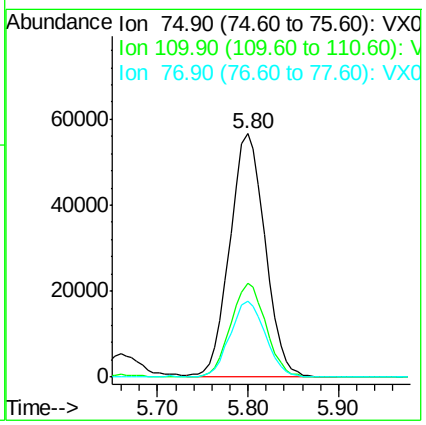


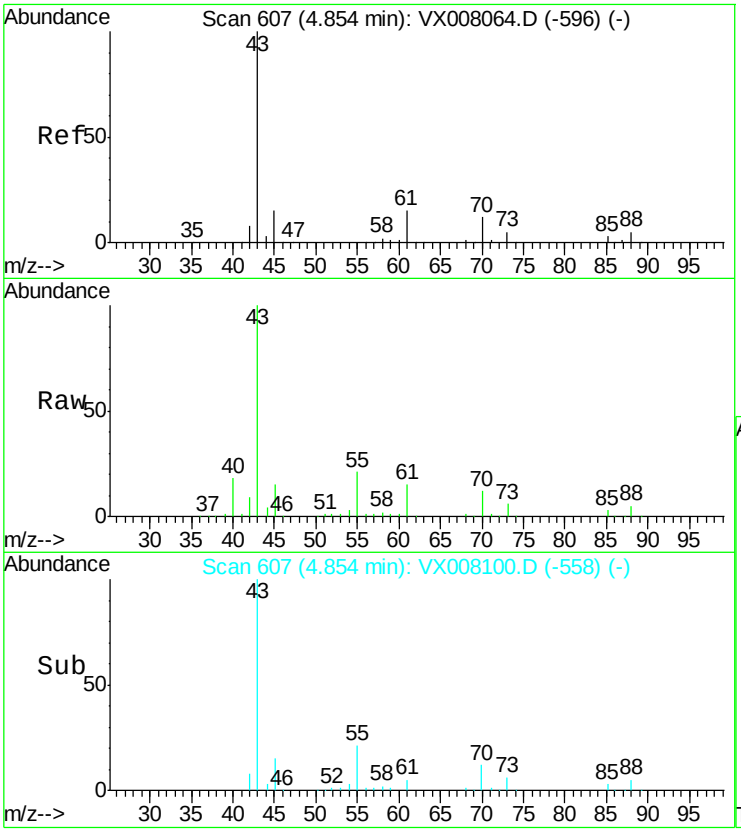




#36
1,1-Dichloropropene
Concen: 48.457 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 75 Resp: 152355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 38.6 | 18.4 | 55.0 |
| 77 | 31.5 | 25.0 | 37.4 |



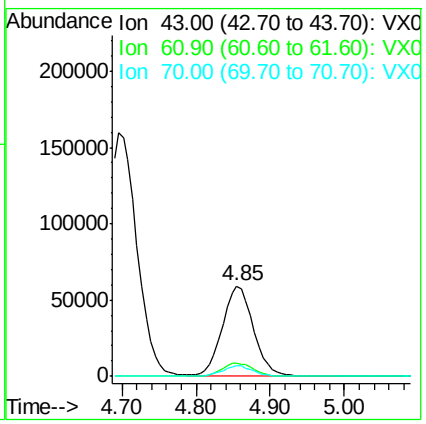


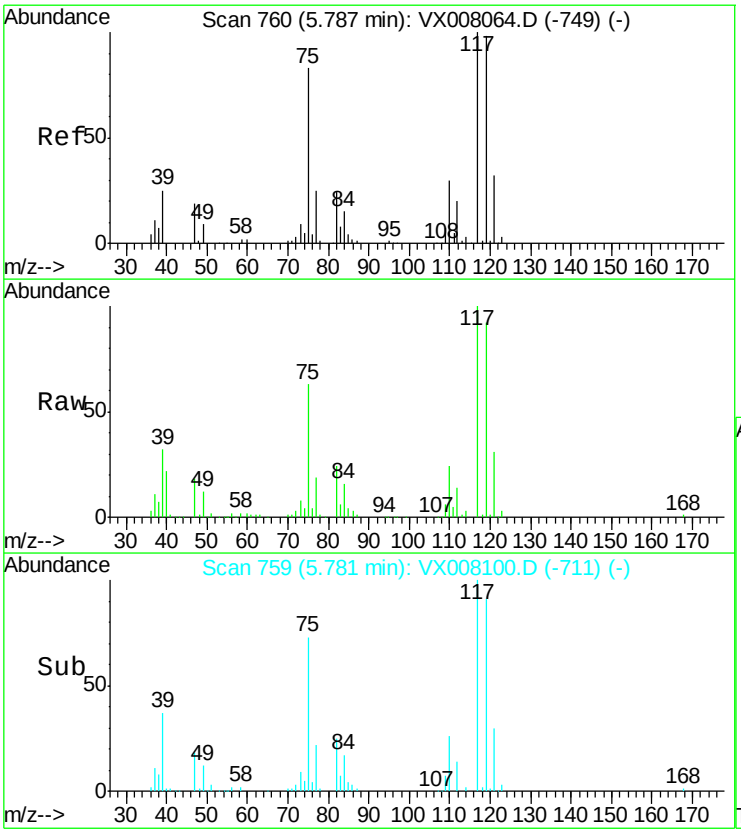

#37
Ethyl Acetate
Concen: 50.908 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 172027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.7 | 11.3 | 16.9 |
| 70 | 11.6 | 8.5 | 12.7 |

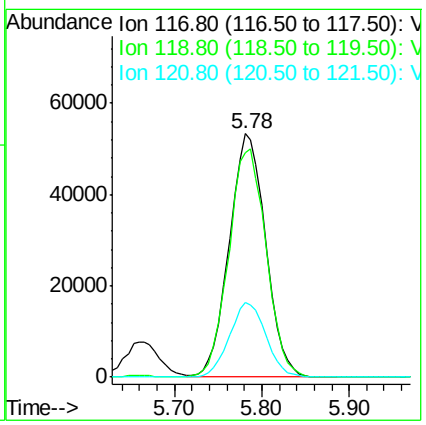


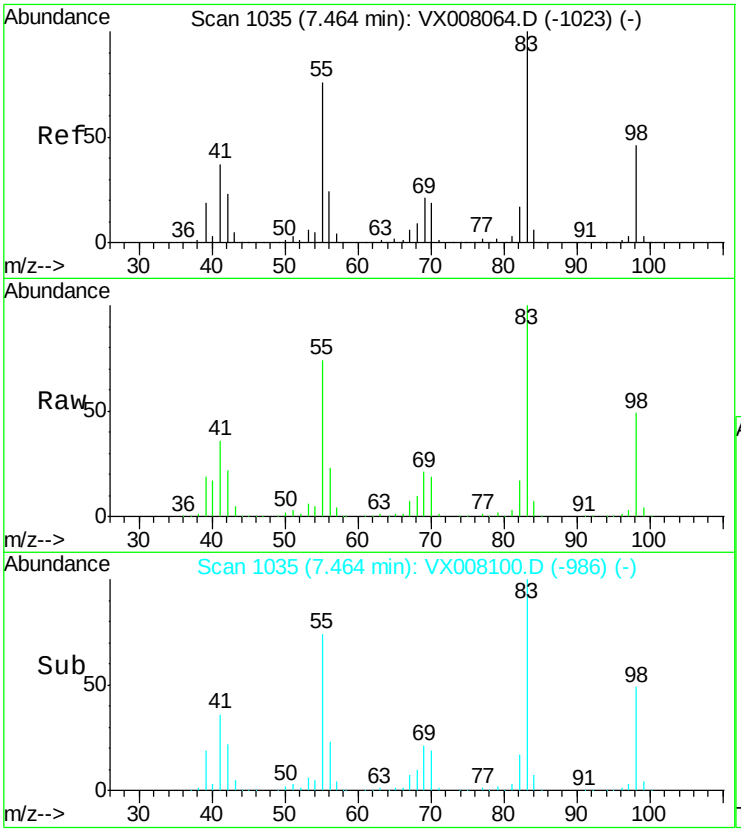




#38
Carbon Tetrachloride
Concen: 50.975 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion:117 Resp: 154267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 92.4 | 76.2 | 114.2 |
| 121 | 30.6 | 24.6 | 36.8 |



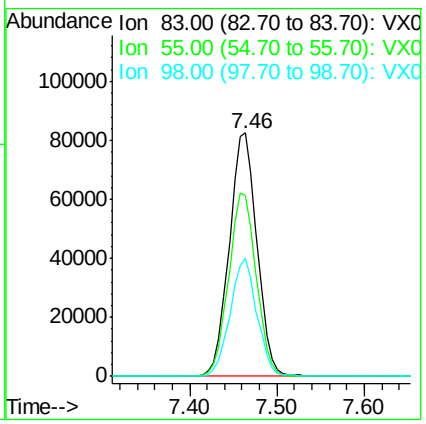


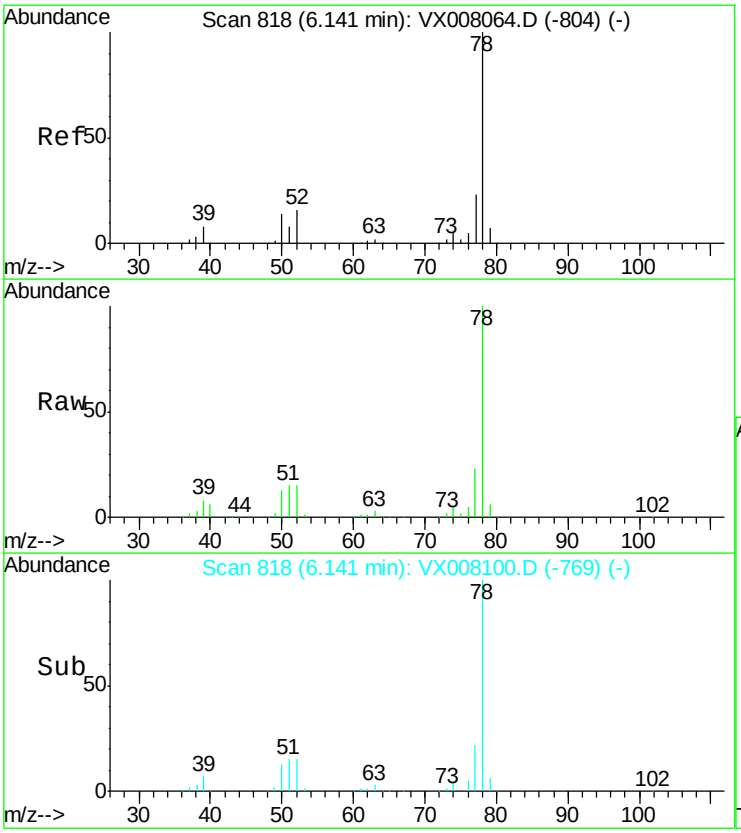

#39
Methylcyclohexane
Concen: 45.115 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 181313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.4 | 60.4 | 90.6 |
| 98 | 48.5 | 36.5 | 54.7 |

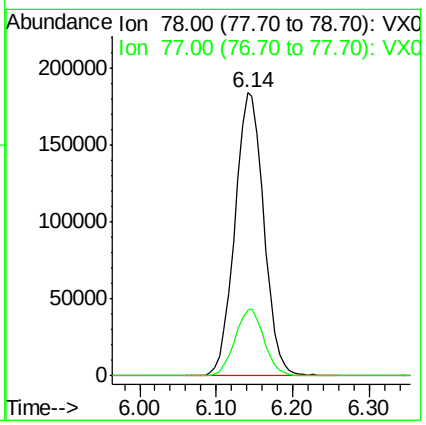


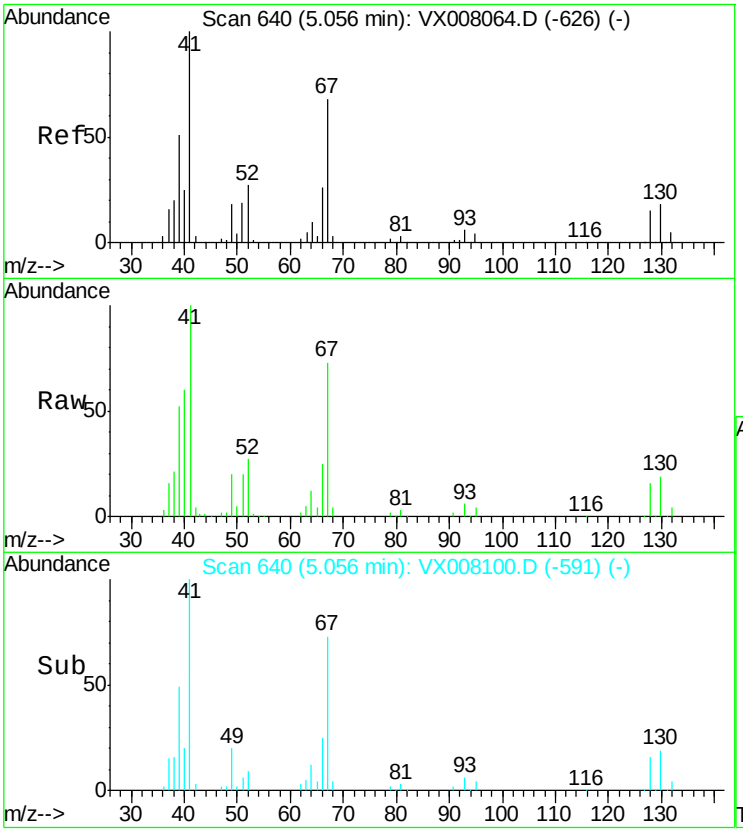




#40
Benzene
Concen: 49.939 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 78 Resp: 481017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.1 | 19.0 | 28.4 |



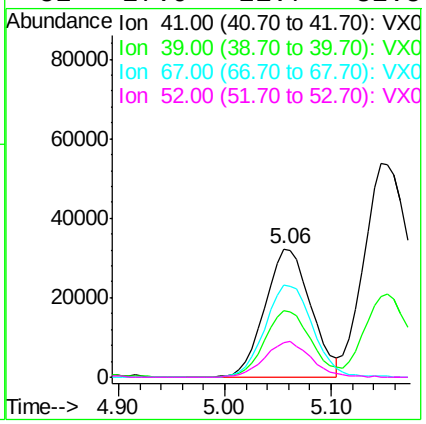


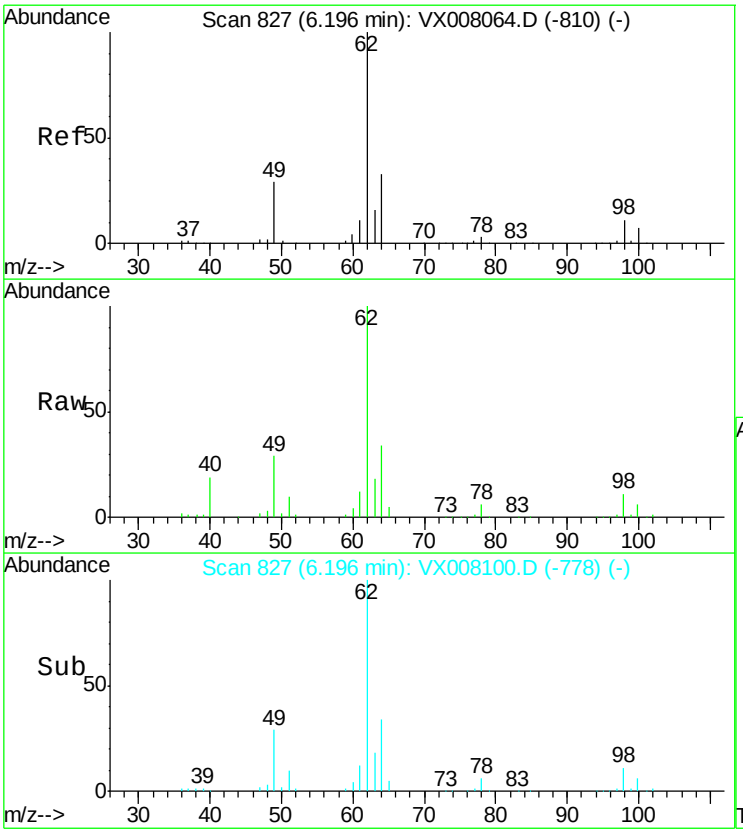

#41
Methacrylonitrile
Concen: 48.992 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 41 Resp: 96389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 53.0 | 41.6 | 62.4 |
| 67 | 74.3 | 55.8 | 83.6 |
| 52 | 27.9 | 21.7 | 32.5 |

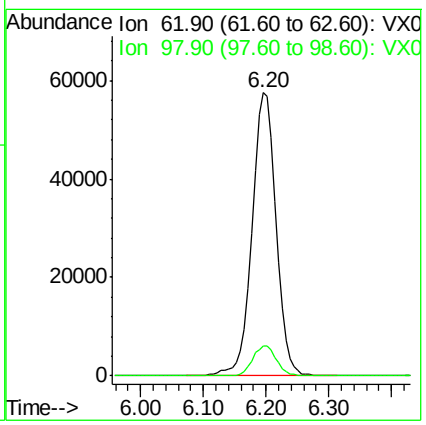


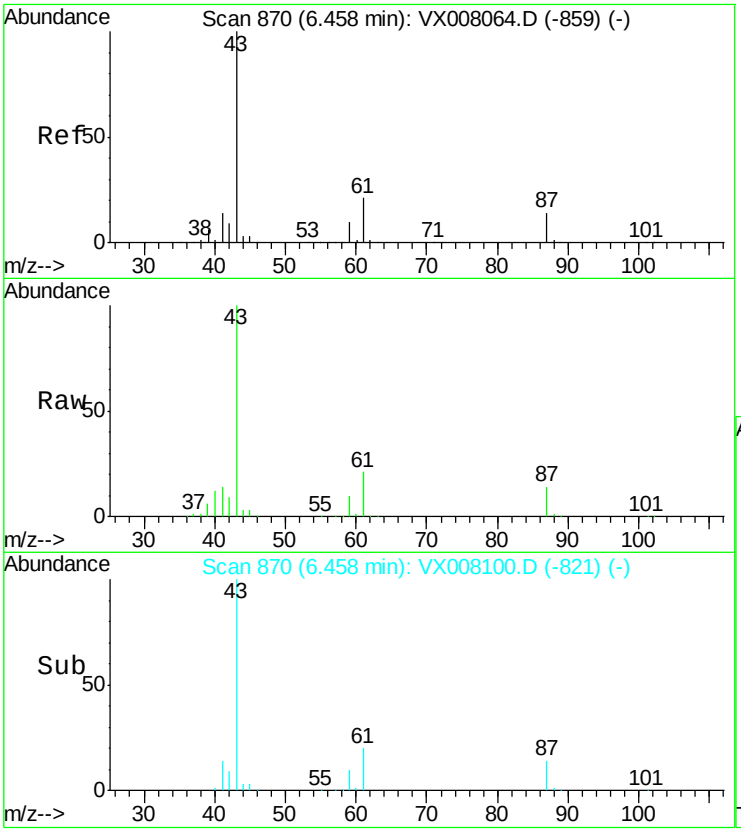




#42
1,2-Dichloroethane
Concen: 49.528 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 62 Resp: 152610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.6 | 0.0 | 20.4 |



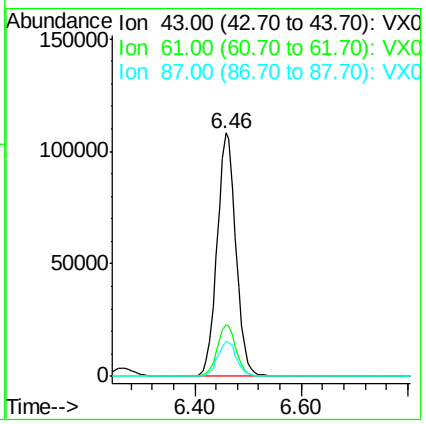


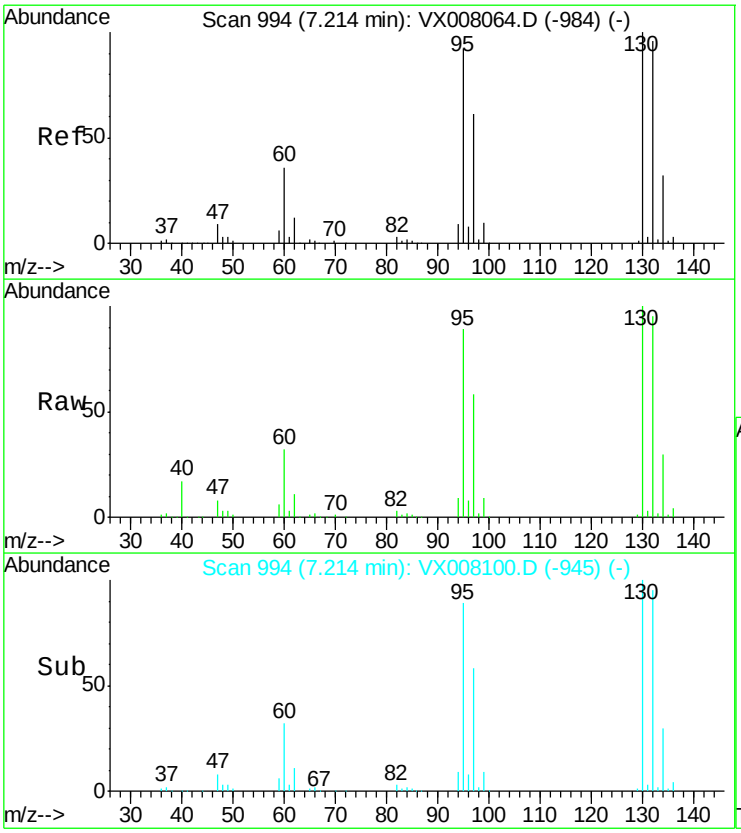

#43
Isopropyl Acetate
Concen: 48.995 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 43 Resp: 266630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 21.4 | 16.3 | 24.5 |
| 87 | 14.5 | 10.5 | 15.7 |

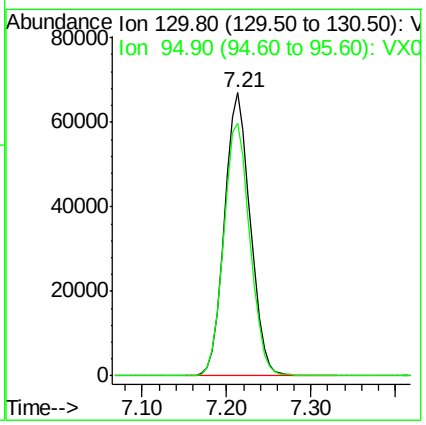


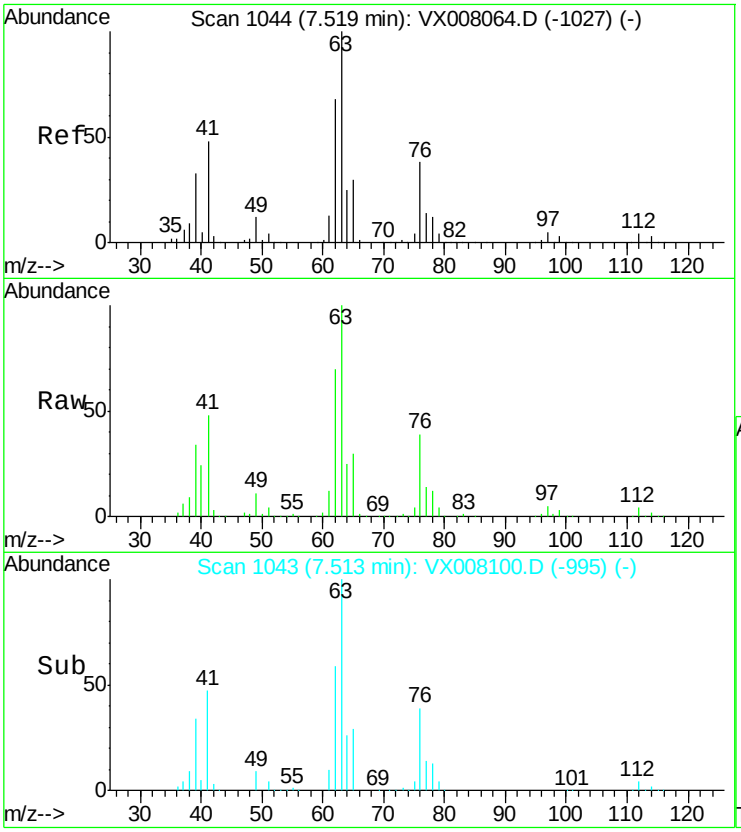




#44
Trichloroethene
Concen: 50.422 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion:130 Resp: 140164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 89.3 | 0.0 | 188.0 |



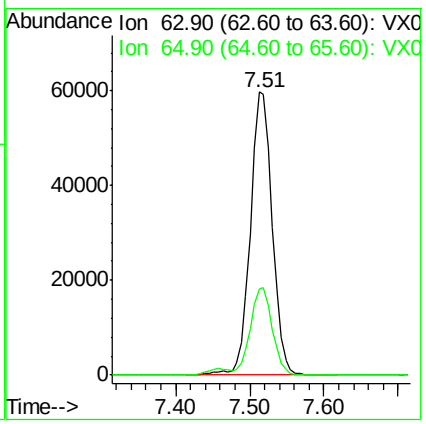


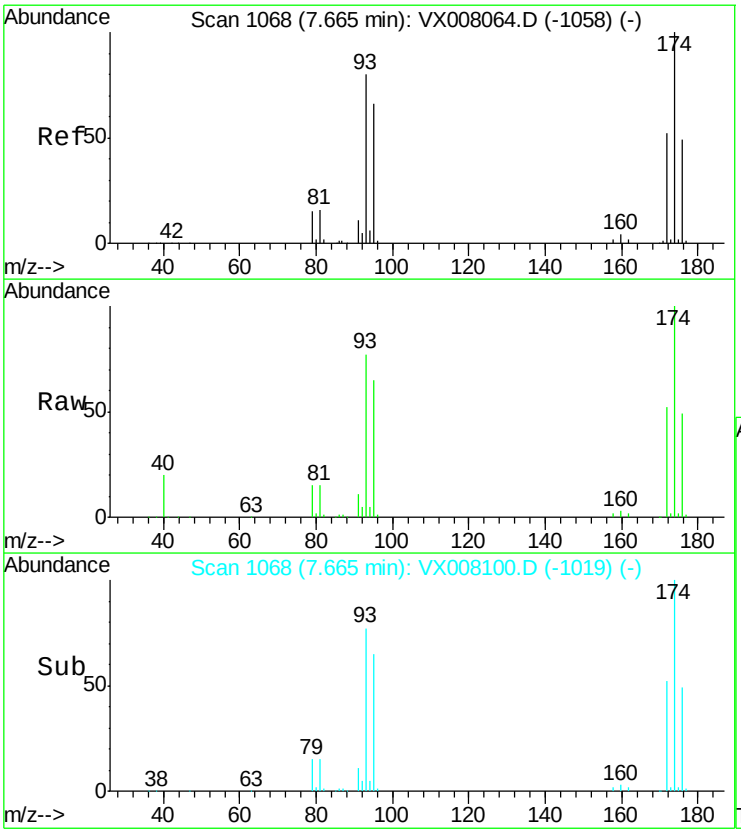

#45
1,2-Dichloropropane
Concen: 48.577 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 63 Resp: 123438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.3 | 24.7 | 37.1 |

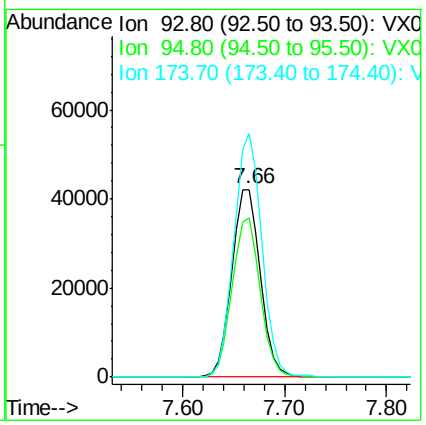


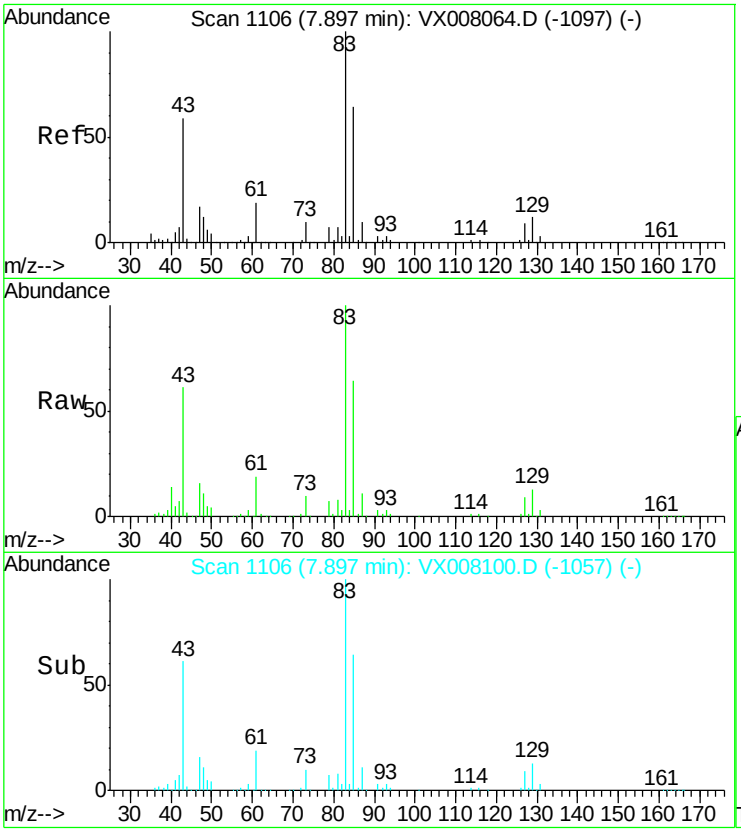




#46
Dibromomethane
Concen: 51.180 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 93 Resp: 81513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.9 | 66.8 | 100.2 |
| 174 | 127.4 | 97.3 | 145.9 |



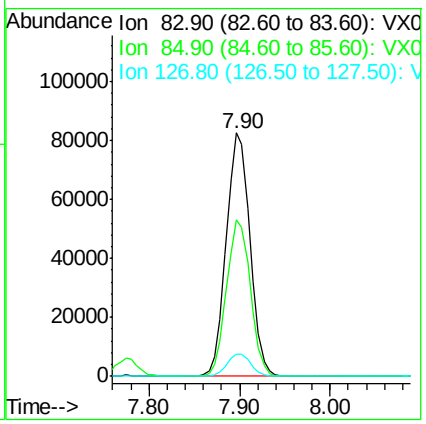


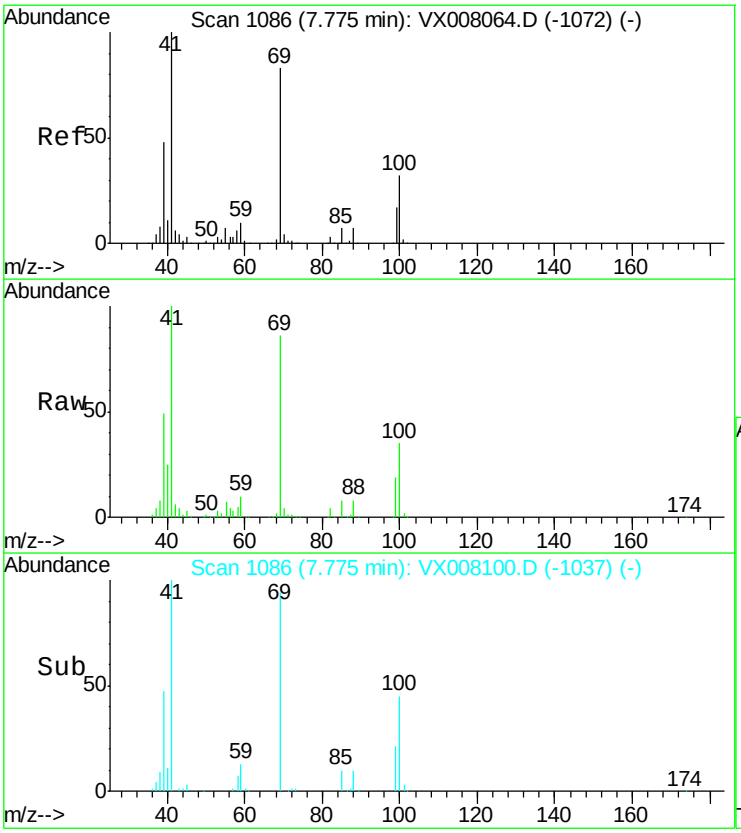

#47
Bromodichloromethane
Concen: 49.532 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 150032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.4 | 50.9 | 76.3 |
| 127 | 9.2 | 7.4 | 11.0 |

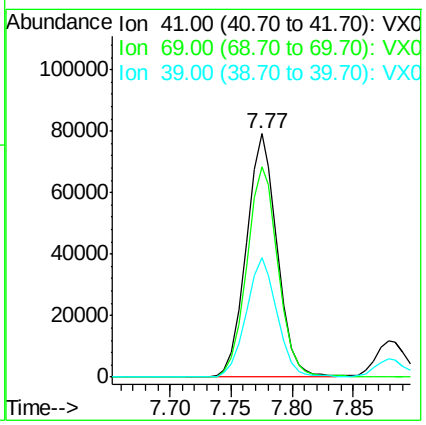


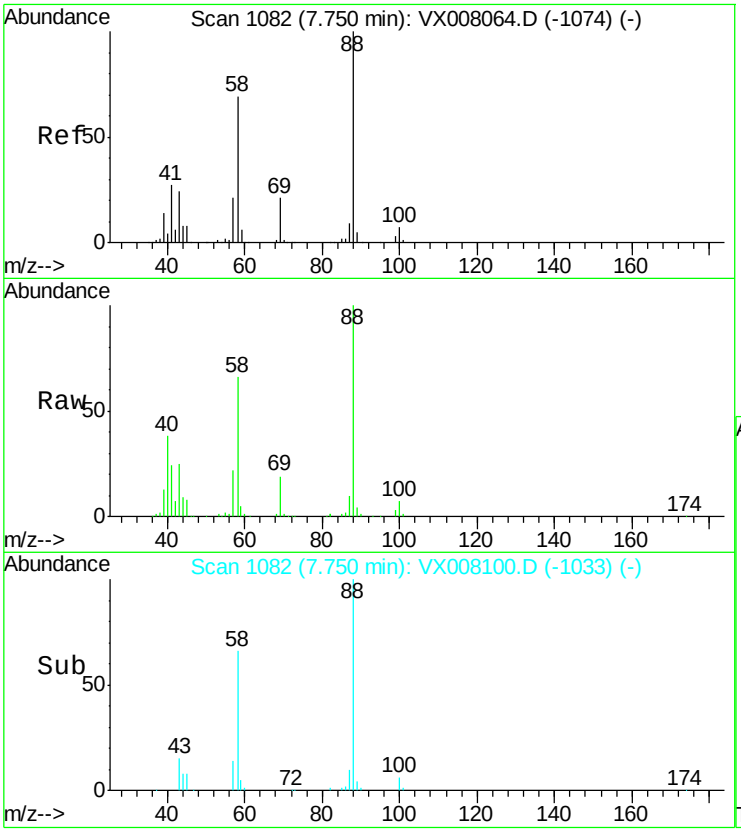




#48
Methyl methacrylate
Concen: 48.749 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 41 Resp: 138555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 87.9 | 65.2 | 97.8 |
| 39 | 49.5 | 39.4 | 59.2 |



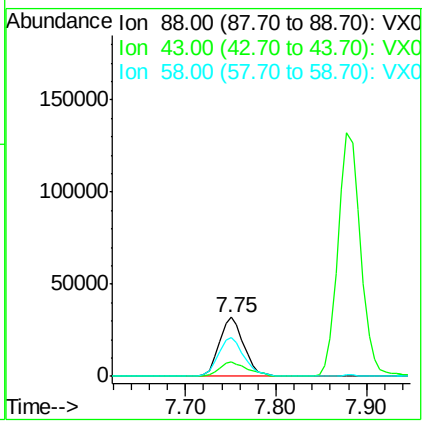


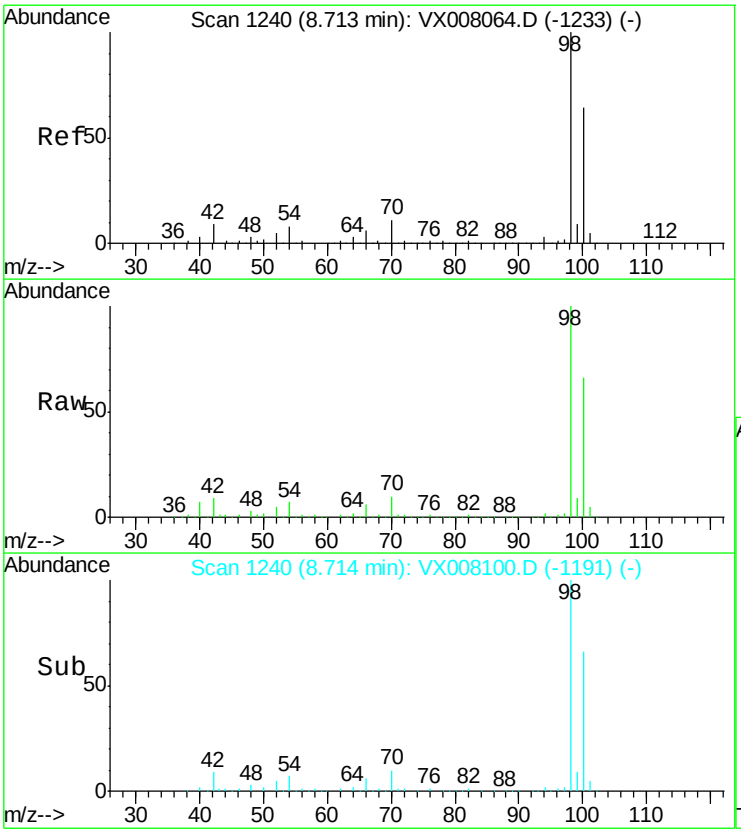

#49
1,4-Dioxane
Concen: 999.495 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 88 Resp: 61270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 28.9 | 25.1 | 37.7 |
| 58 | 68.7 | 57.8 | 86.6 |

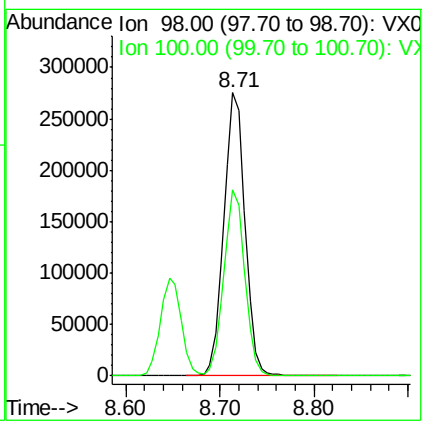


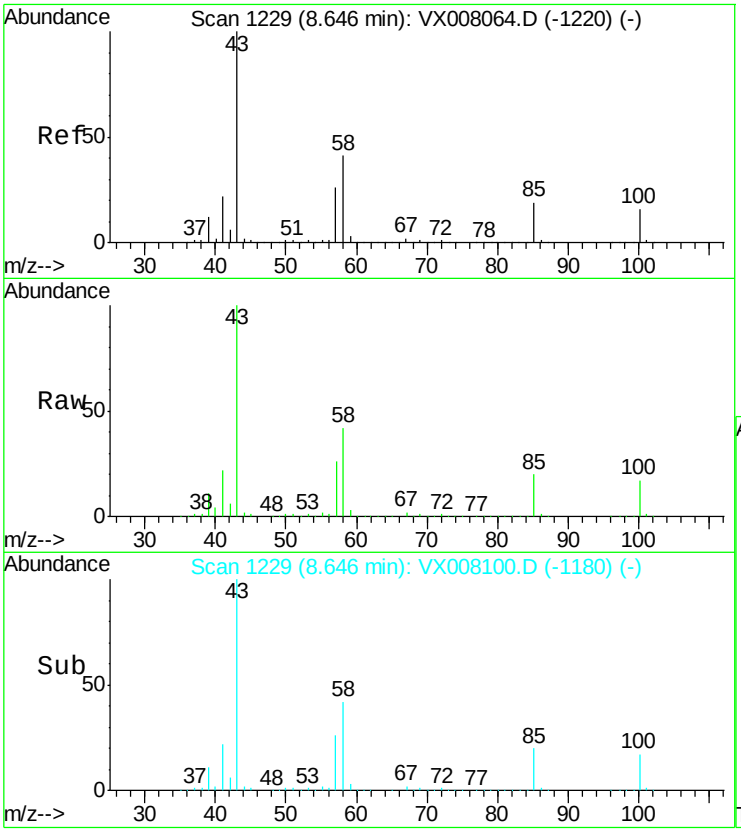




#50
Toluene-d8
Concen: 46.621 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 98 Resp: 429734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.2 | 51.7 | 77.5 |



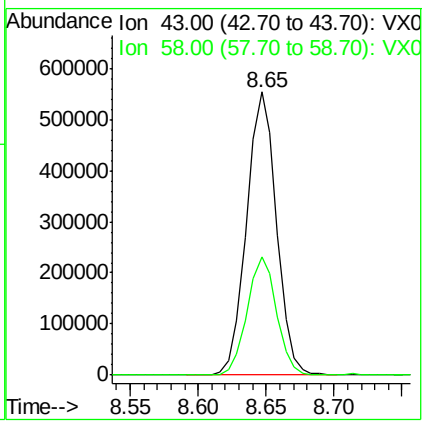


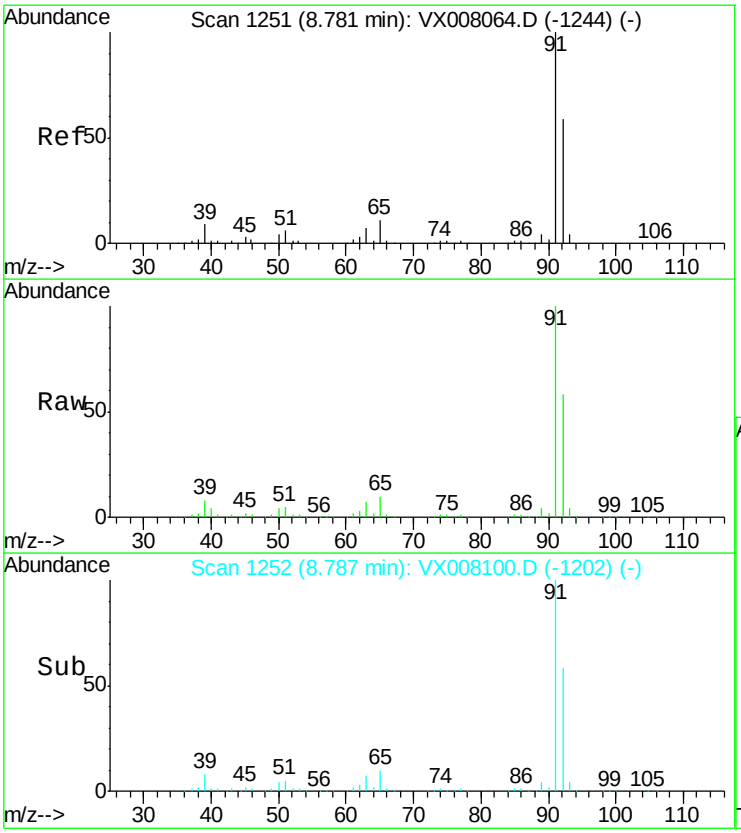

#51
4-Methyl-2-Pentanone
Concen: 238.215 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 854391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 41.2 | 31.3 | 46.9 |

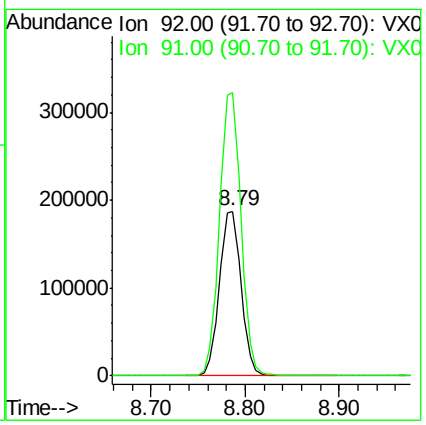


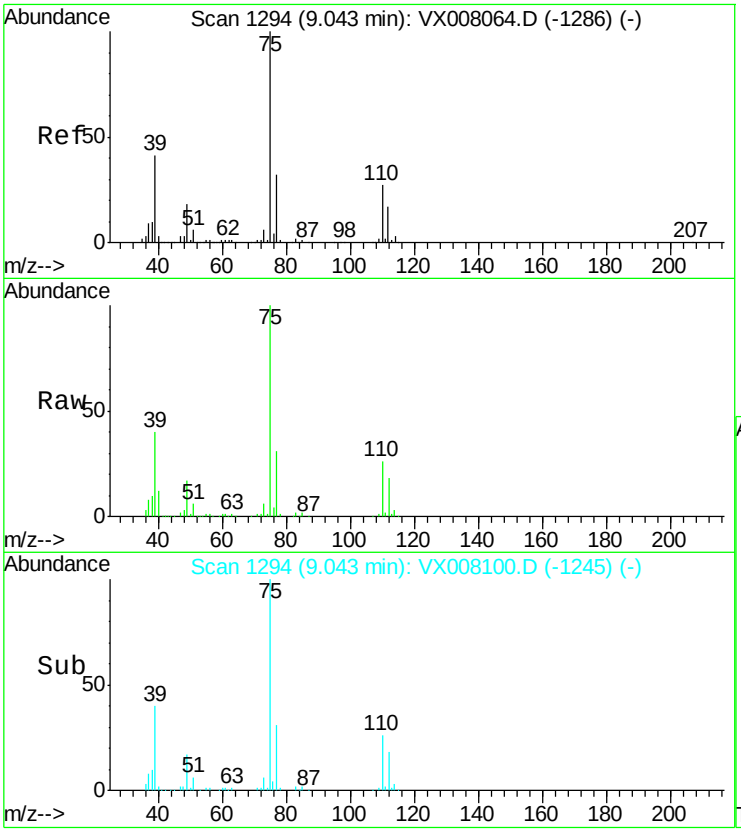




#52
Toluene
Concen: 48.841 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 92 Resp: 299035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 171.3 | 137.4 | 206.0 |



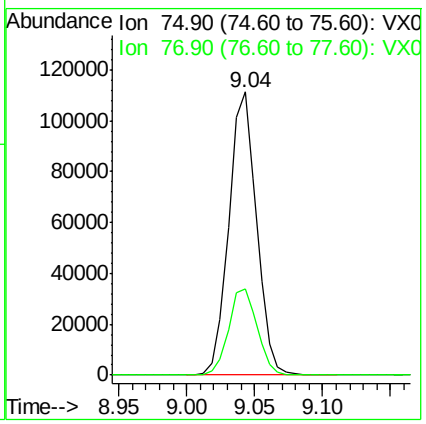


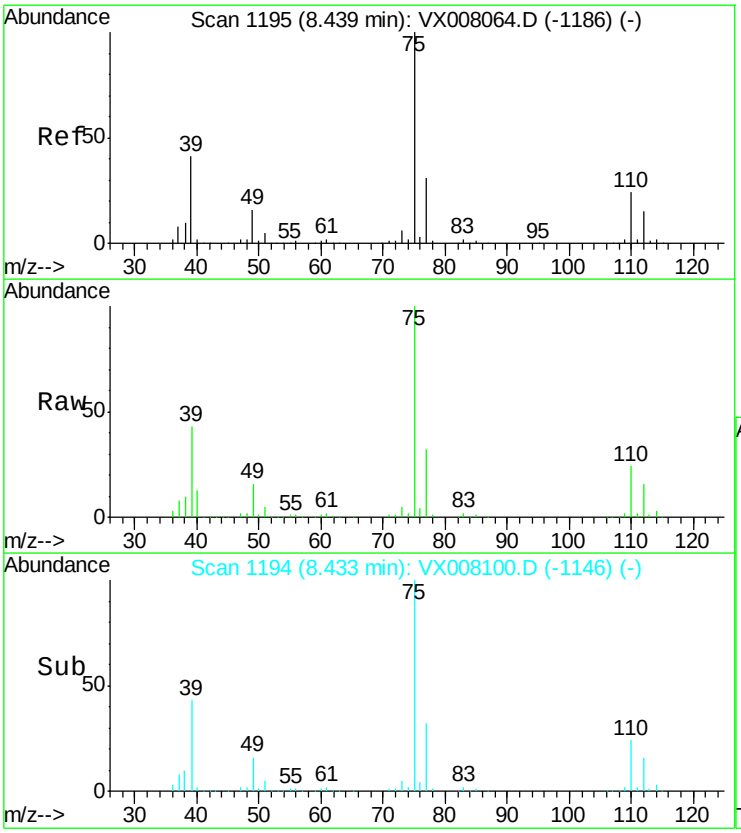

#53
t-1,3-Dichloropropene
Concen: 47.392 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 75 Resp: 157362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.7 | 25.4 | 38.0 |

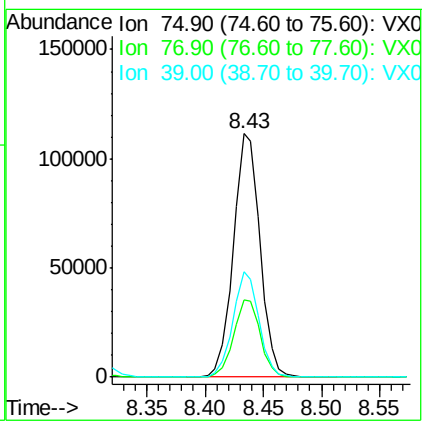


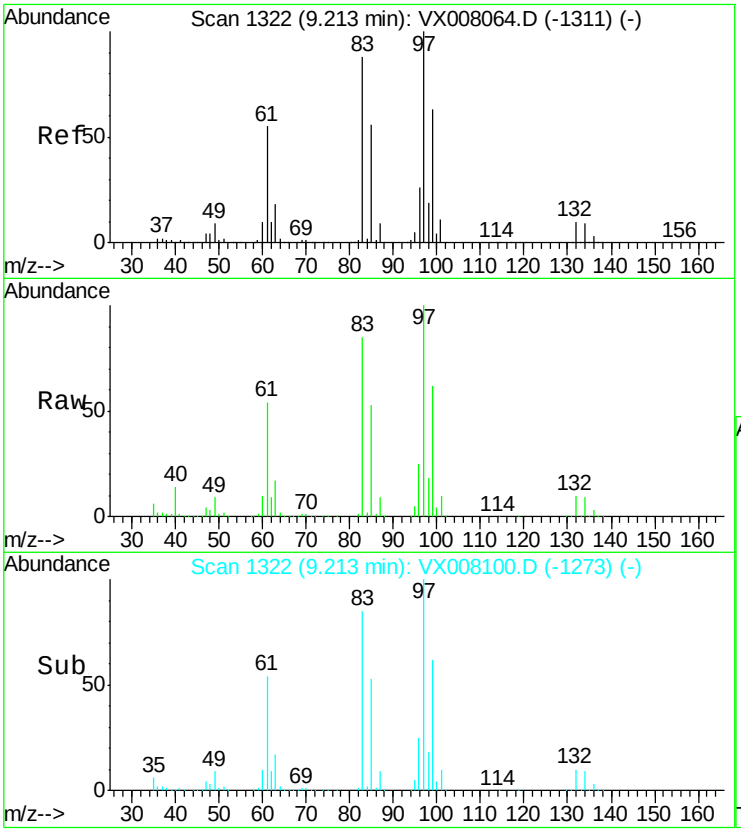




#54
cis-1,3-Dichloropropene
Concen: 48.070 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 75 Resp: 177392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.5 | 25.0 | 37.6 |
| 39 | 43.2 | 36.6 | 54.8 |



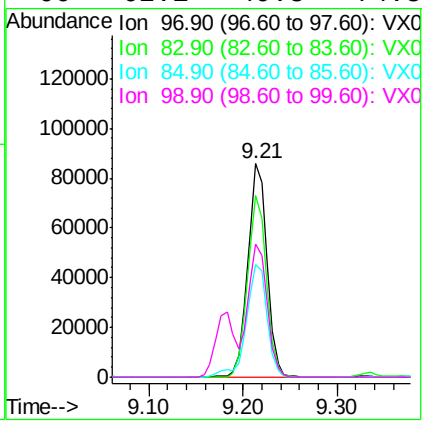


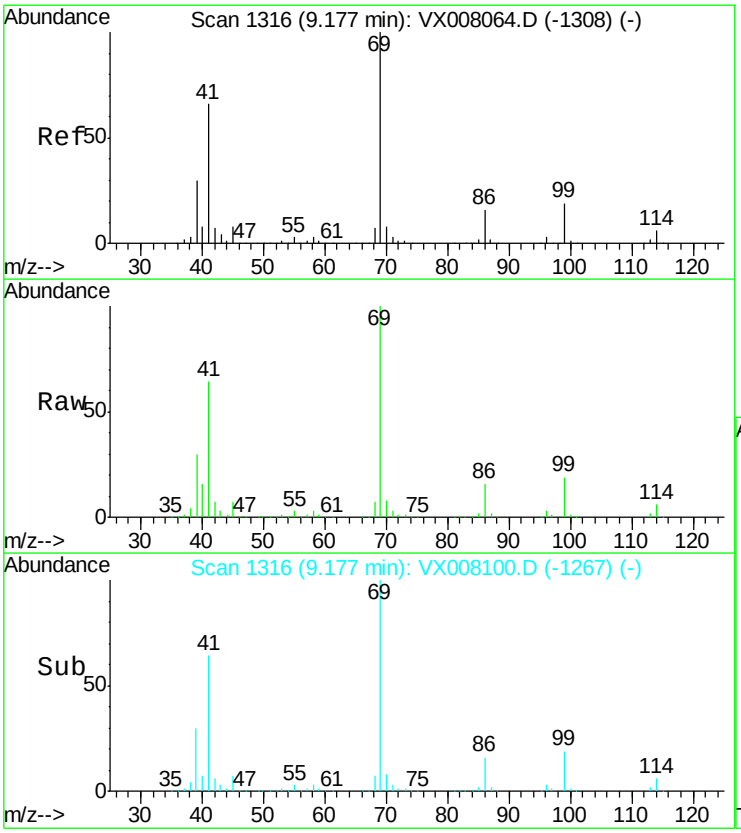

#55
1,1,2-Trichloroethane
Concen: 49.493 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 97 Resp: 123386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.1 | 69.1 | 103.7 |
| 85 | 53.1 | 44.3 | 66.5 |
| 99 | 62.1 | 49.8 | 74.8 |

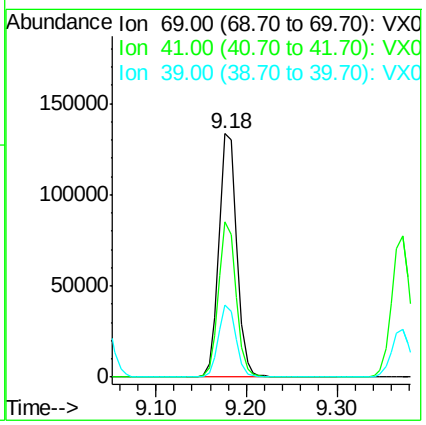


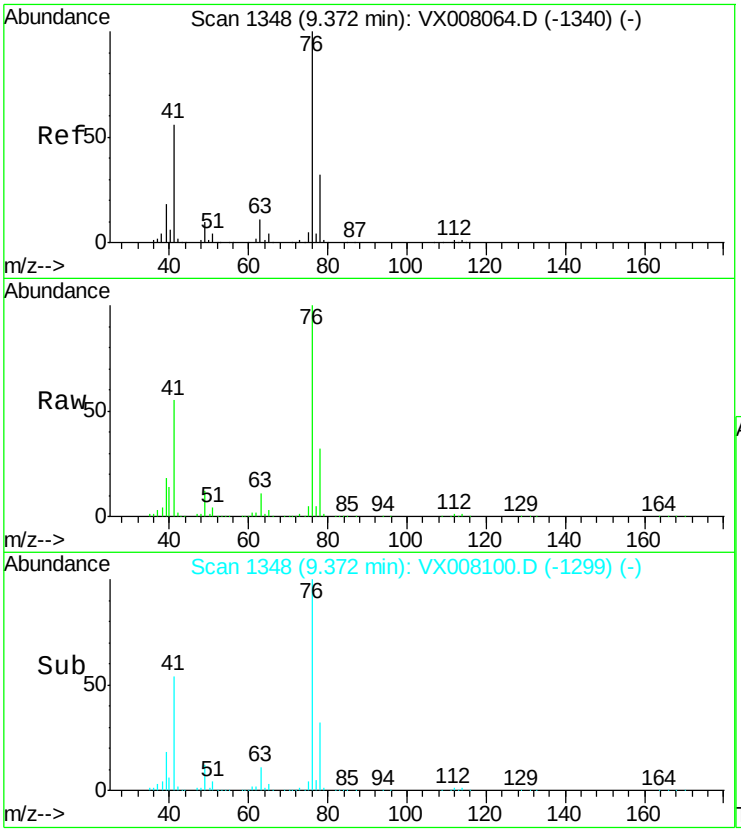




#56
Ethyl methacrylate
Concen: 50.180 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 69 Resp: 184789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 62.5 | 54.2 | 81.4 |
| 39 | 28.9 | 25.0 | 37.4 |



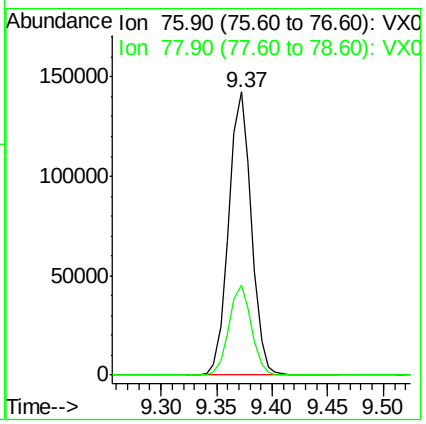


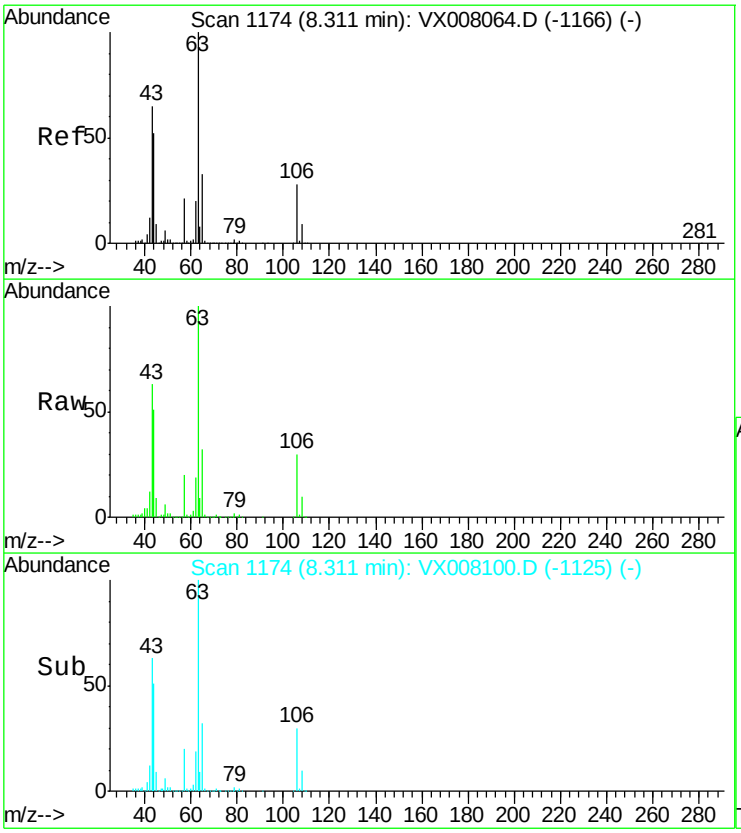

#57
1,3-Dichloropropane
Concen: 48.505 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 76 Resp: 200117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.7 | 25.5 | 38.3 |

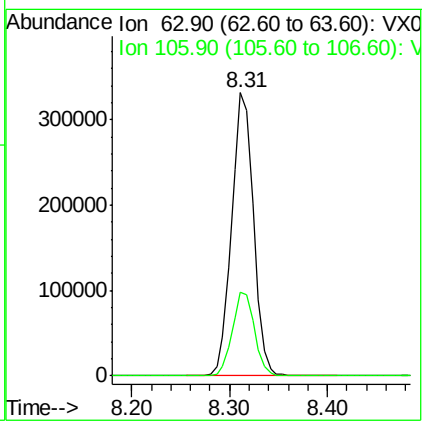


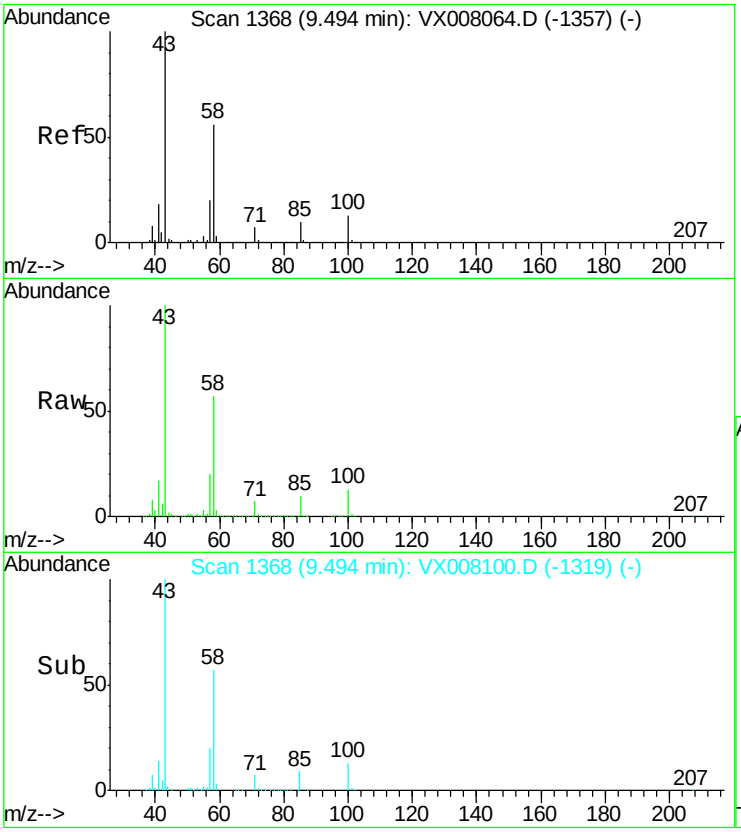




#58
2-Chloroethyl Vinyl ether
Concen: 237.633 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 63 Resp: 514816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.8 | 22.2 | 33.2 |



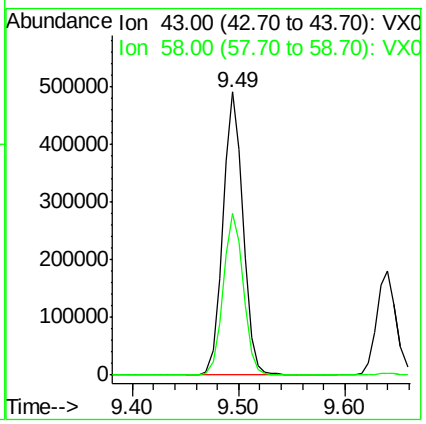


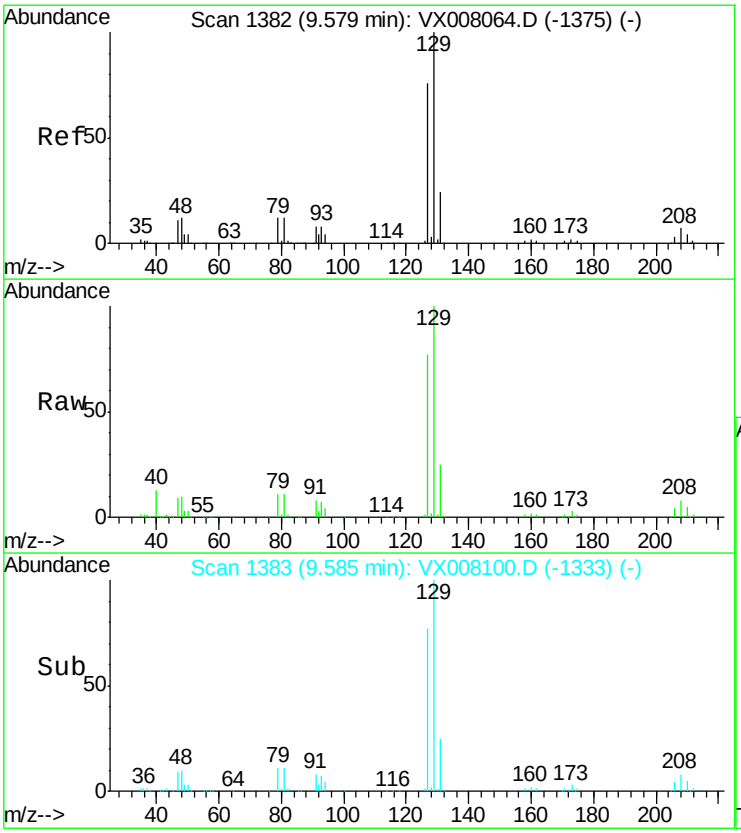

#59
2-Hexanone
Concen: 231.402 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 649081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 57.6 | 27.6 | 82.7 |

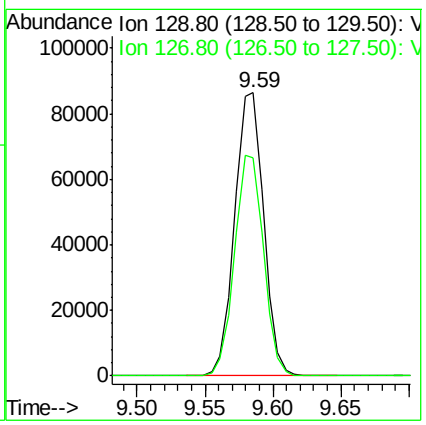


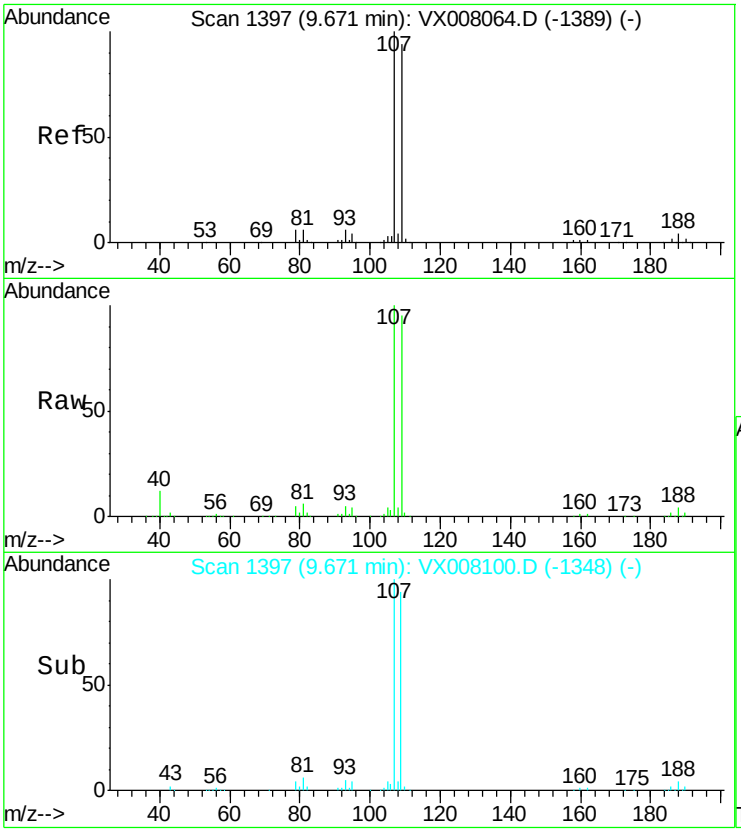




#60
Dibromochloromethane
Concen: 49.964 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion:129 Resp: 128379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.9 | 38.3 | 114.8 |



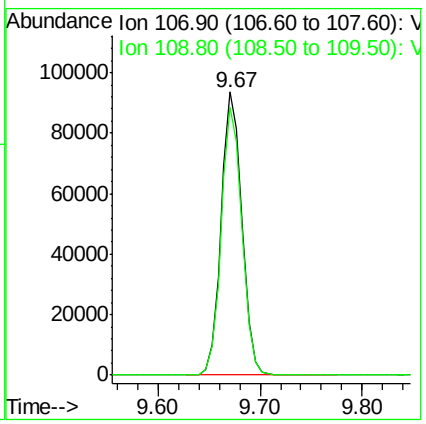


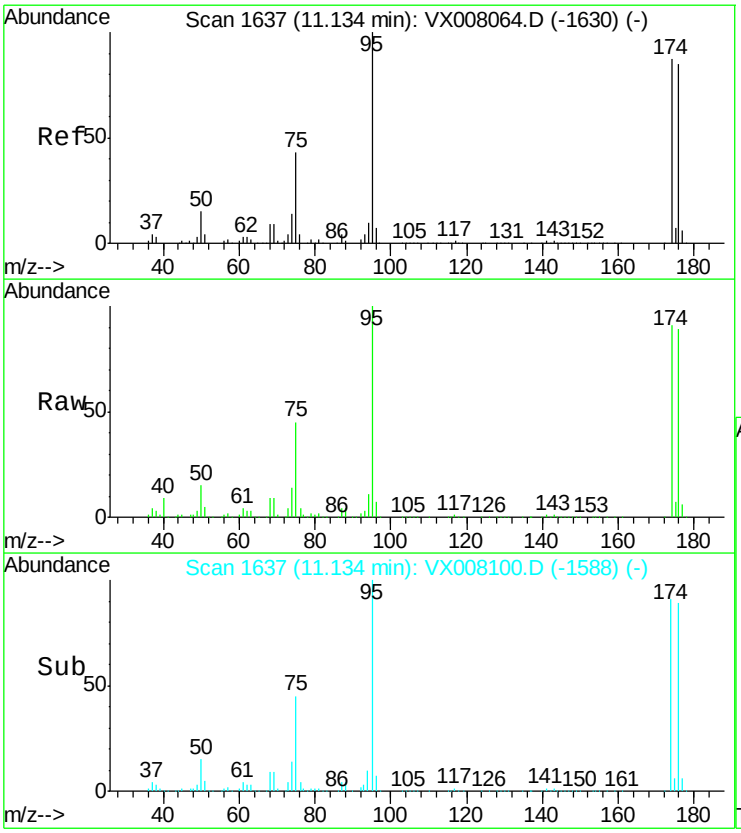

#61
1,2-Dibromoethane
Concen: 50.300 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:107 Resp: 131396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.7 | 75.8 | 113.8 |

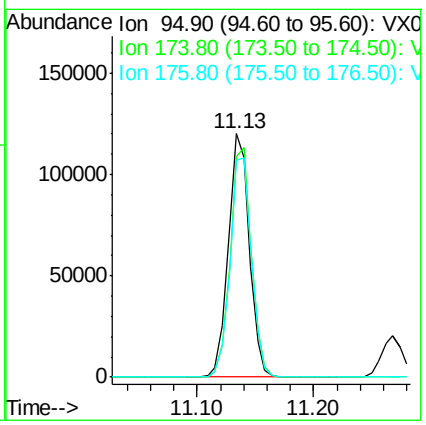


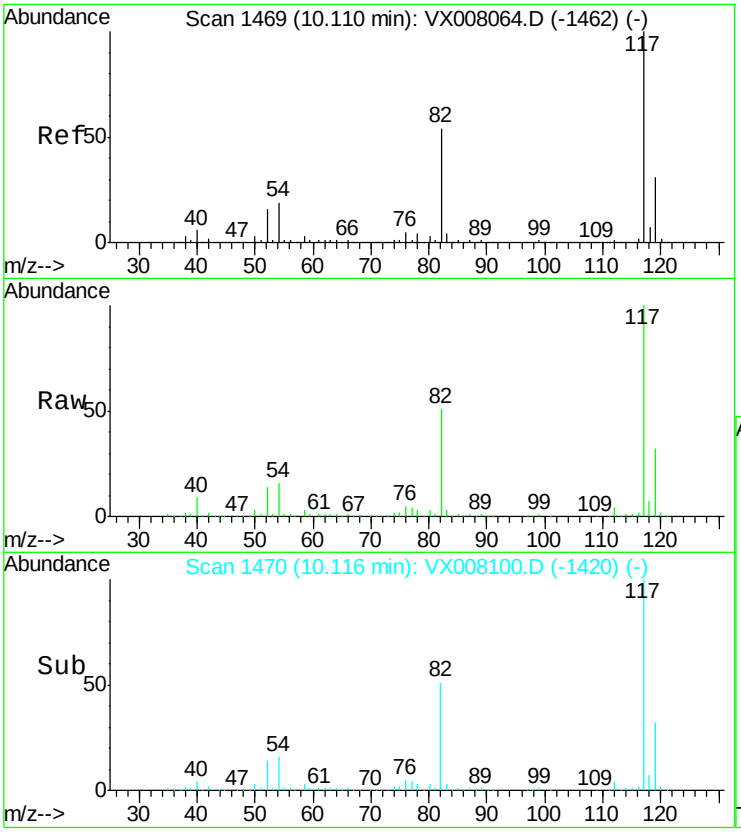




#62
4-Bromofluorobenzene
Concen: 45.748 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 95 Resp: 151063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 95.2 | 0.0 | 182.8 |
| 176 | 92.3 | 0.0 | 178.0 |



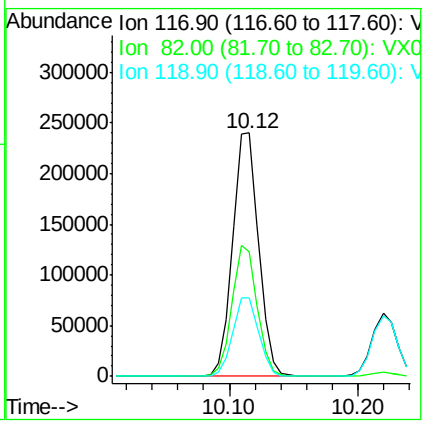


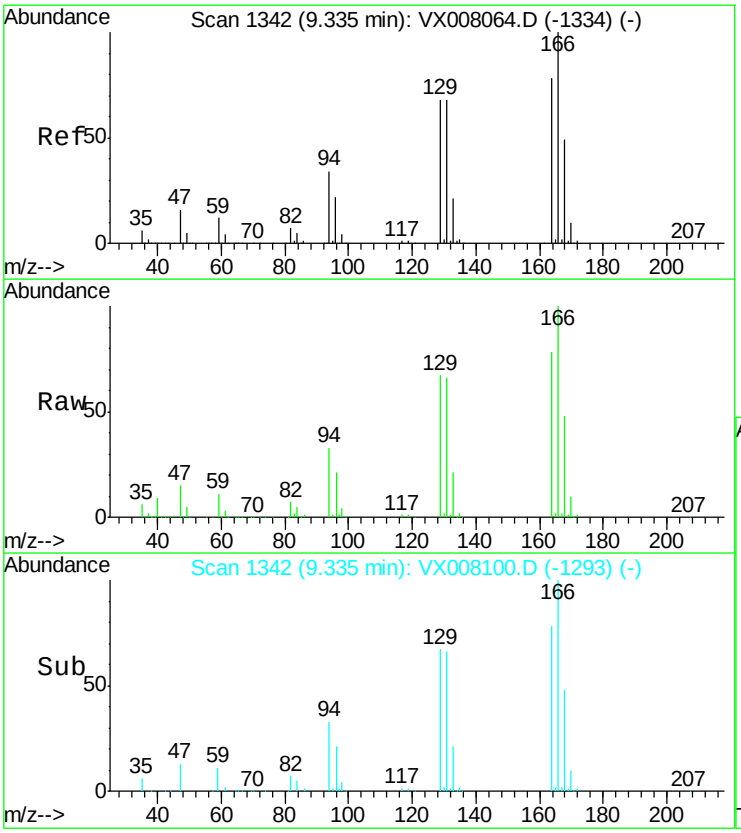

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:117 Resp: 337698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.0 | 44.3 | 66.5 |
| 119 | 32.1 | 25.3 | 37.9 |

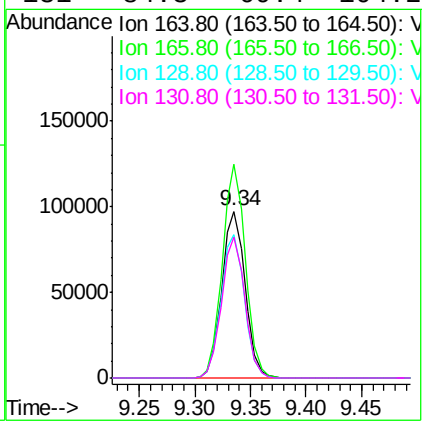


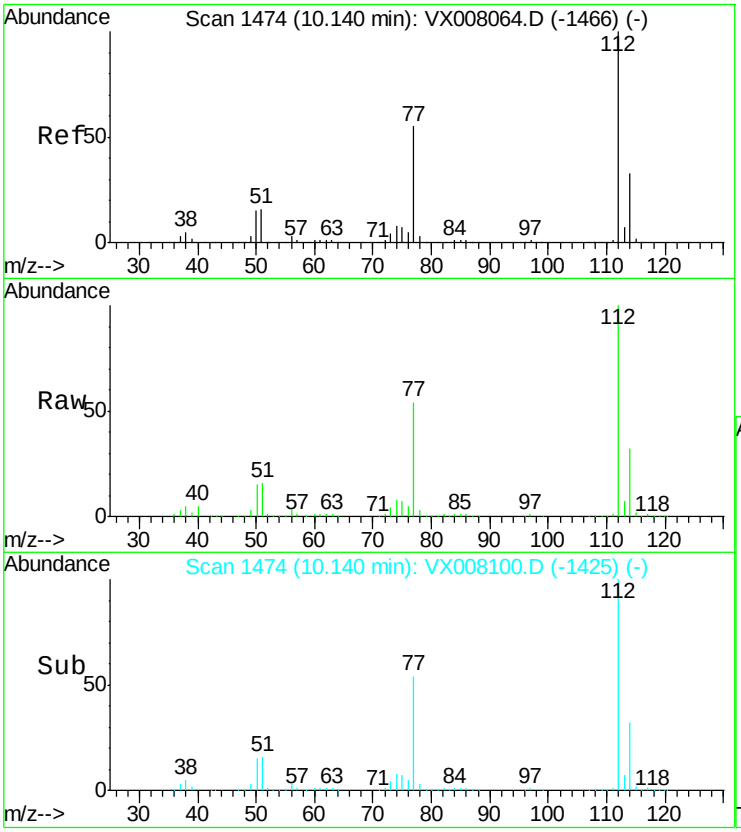




#64
Tetrachloroethene
Concen: 51.421 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion:164 Resp: 140696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.1 | 103.4 | 155.0 |
| 129 | 85.9 | 72.2 | 108.4 |
| 131 | 84.3 | 69.4 | 104.2 |



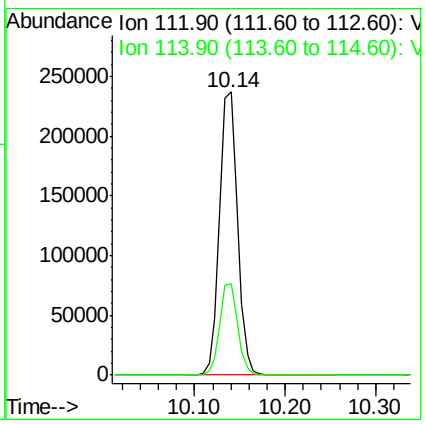


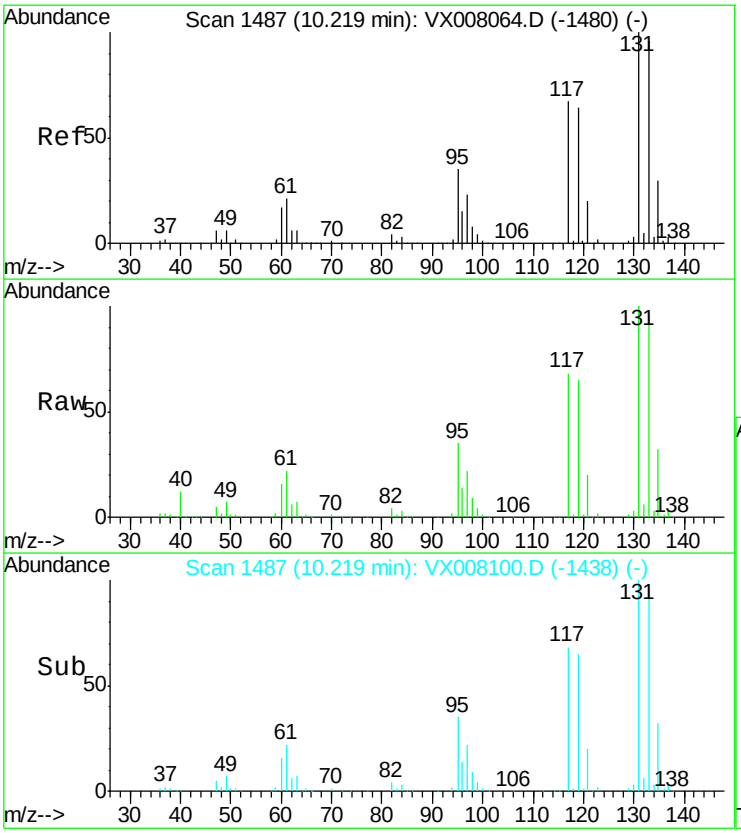

#65
Chlorobenzene
Concen: 49.279 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:112 Resp: 330242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.3 | 26.0 | 39.0 |

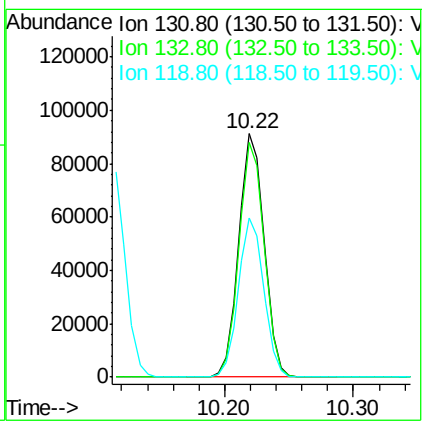


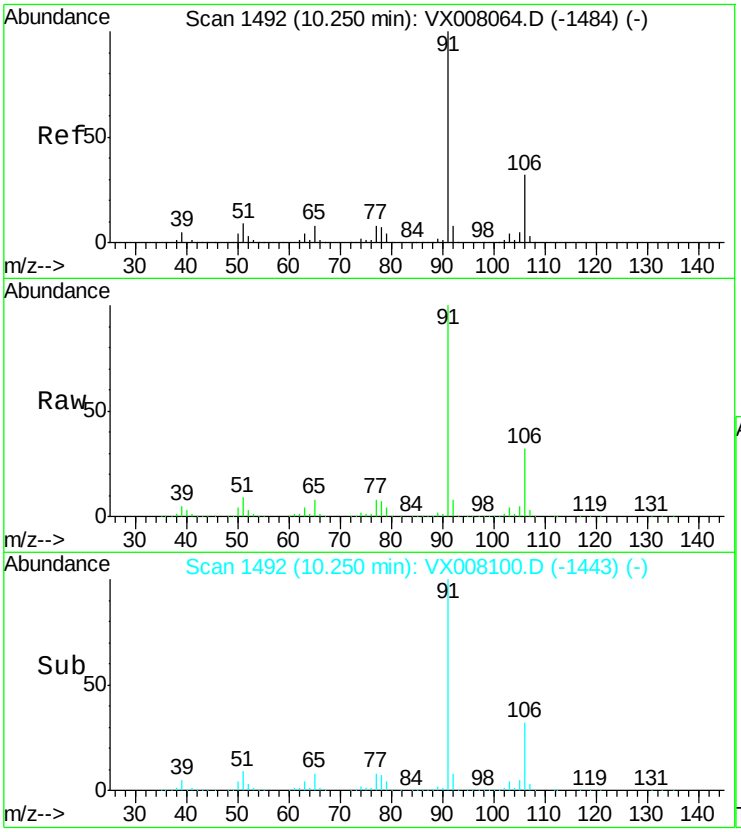




#66
1,1,1,2-Tetrachloroethane
Concen: 52.030 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion:131 Resp: 123743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.6 | 47.8 | 143.3 |
| 119 | 65.5 | 32.5 | 97.5 |



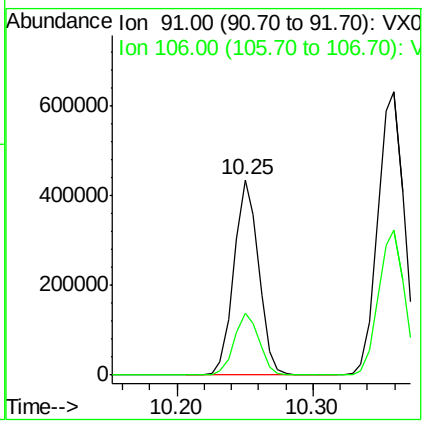


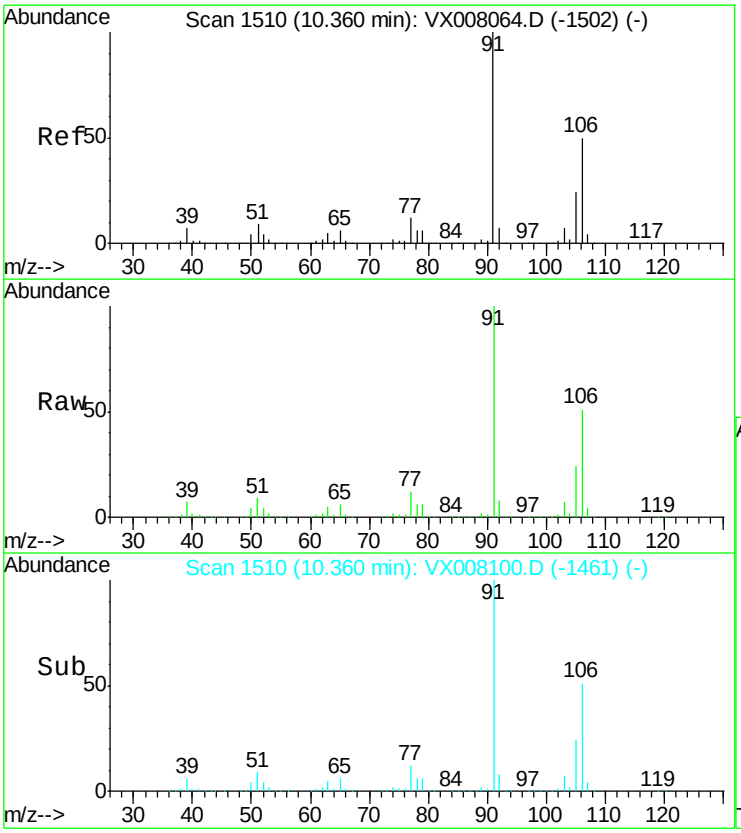

#67
Ethyl Benzene
Concen: 49.753 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 91 Resp: 551873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.8 | 25.2 | 37.8 |

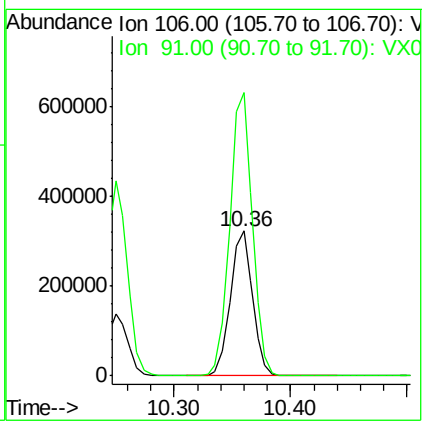


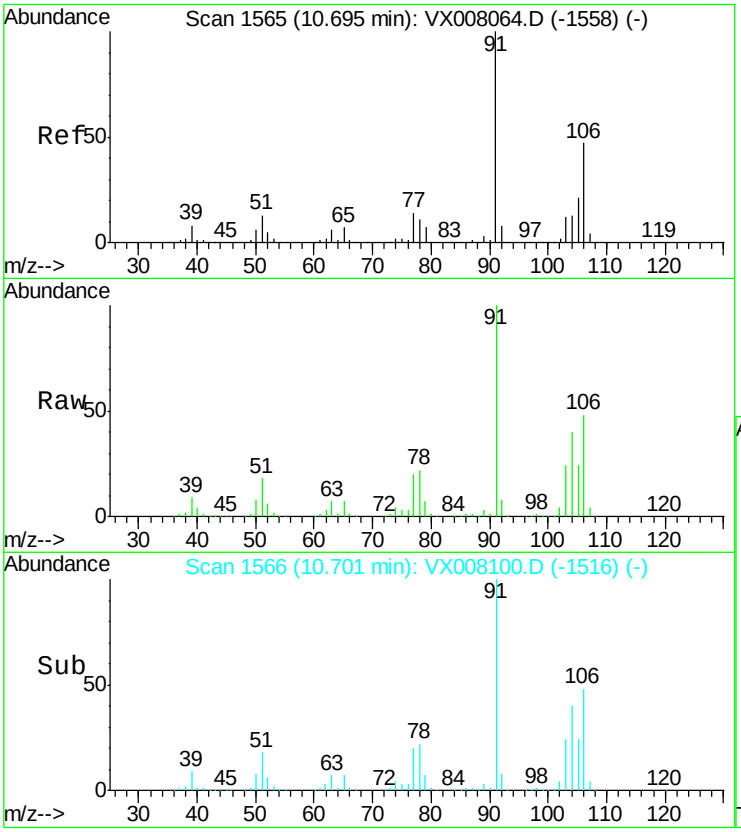




#68
m/p-Xylenes
Concen: 100.969 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion:106 Resp: 428556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 199.0 | 159.8 | 239.6 |



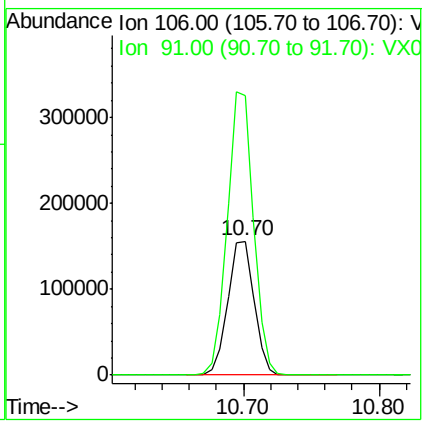


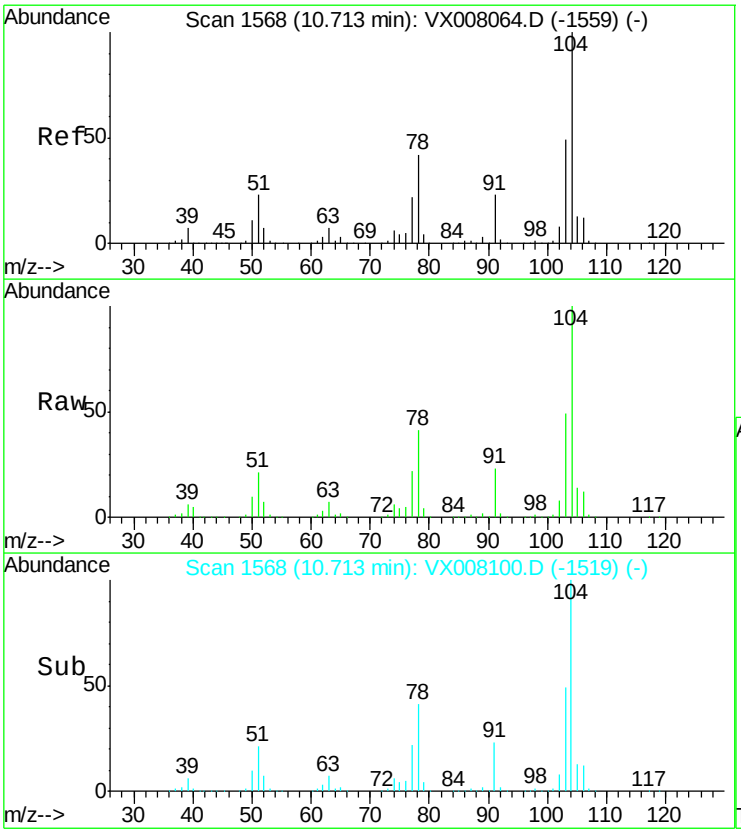

#69
o-Xylene
Concen: 50.768 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:106 Resp: 210059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.2 | 106.3 | 318.9 |

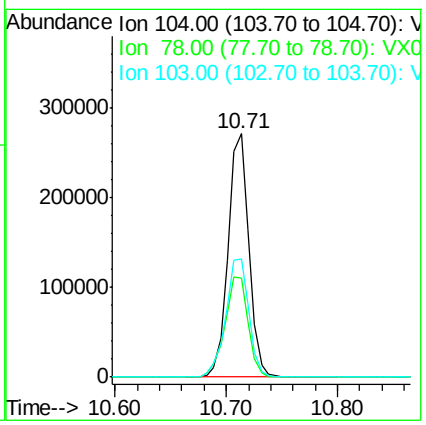


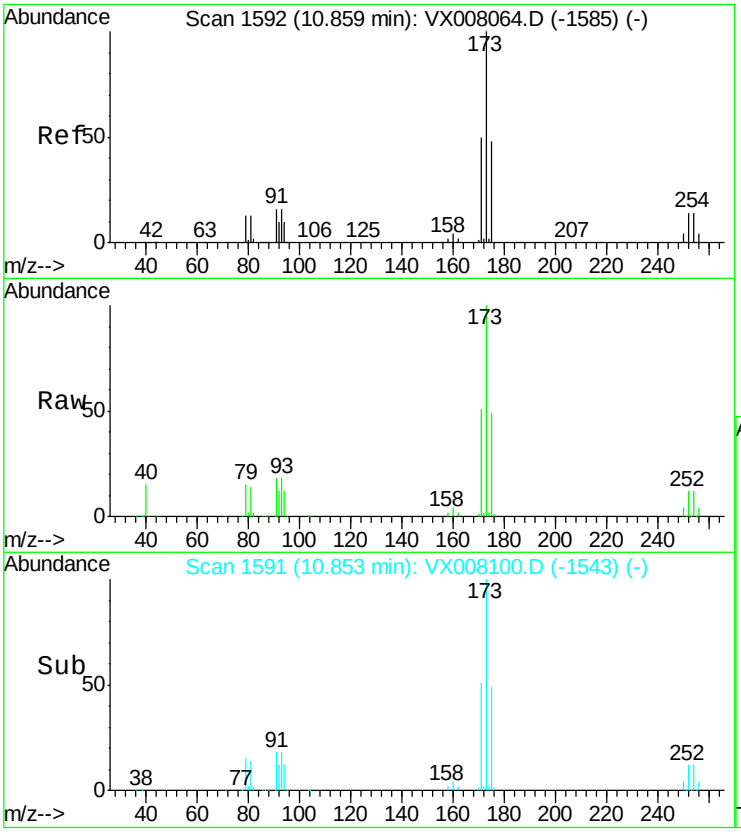




#70
Styrene
Concen: 51.424 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion:104 Resp: 348570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 46.6 | 38.5 | 57.7 |
| 103 | 54.6 | 44.1 | 66.1 |



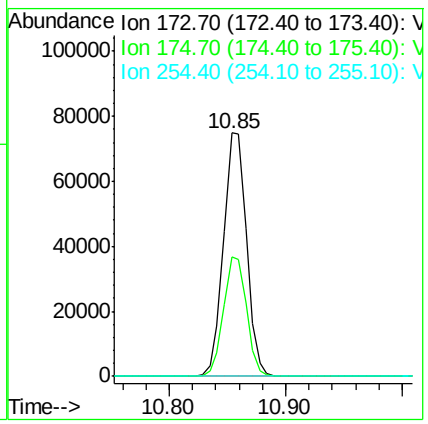


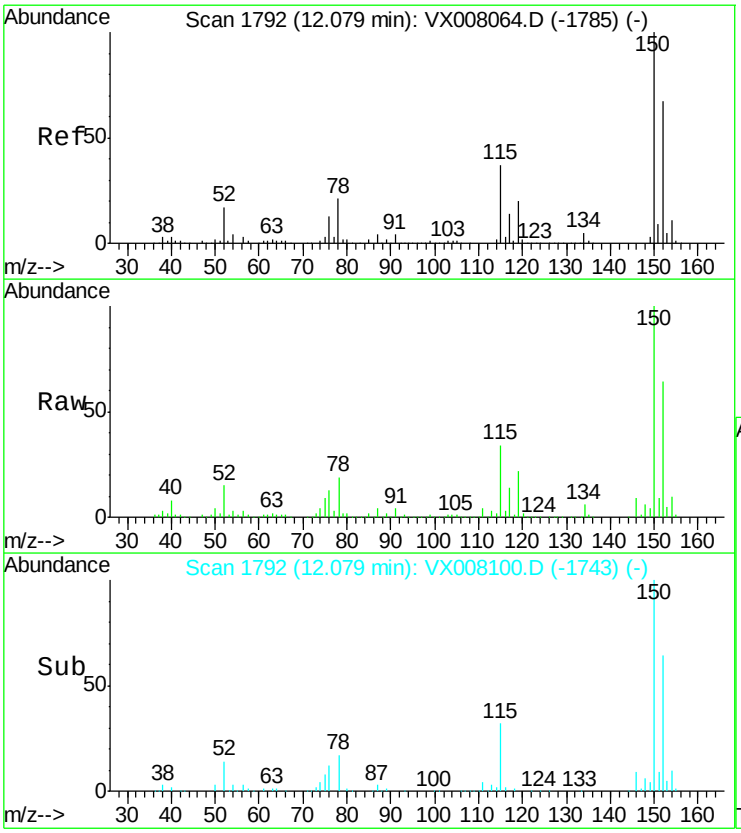

#71
Bromoform
Concen: 52.180 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:173 Resp: 102700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.0 | 24.3 | 72.9 |
| 254 | 0.2 | 0.1 | 0.1# |

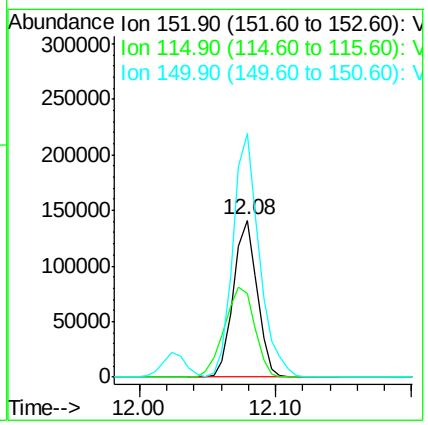


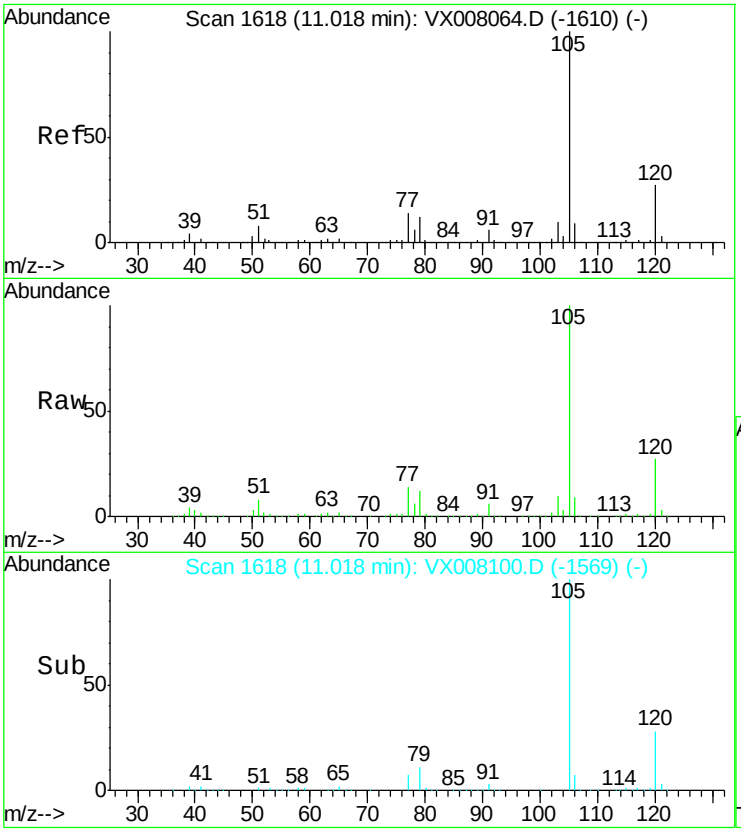




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion:152 Resp: 170960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 73.9 | 38.6 | 115.7 |
| 150 | 172.4 | 0.0 | 348.4 |



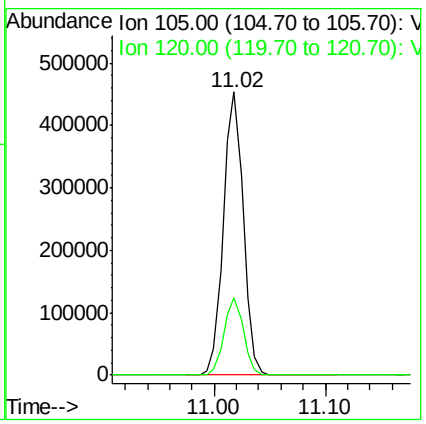


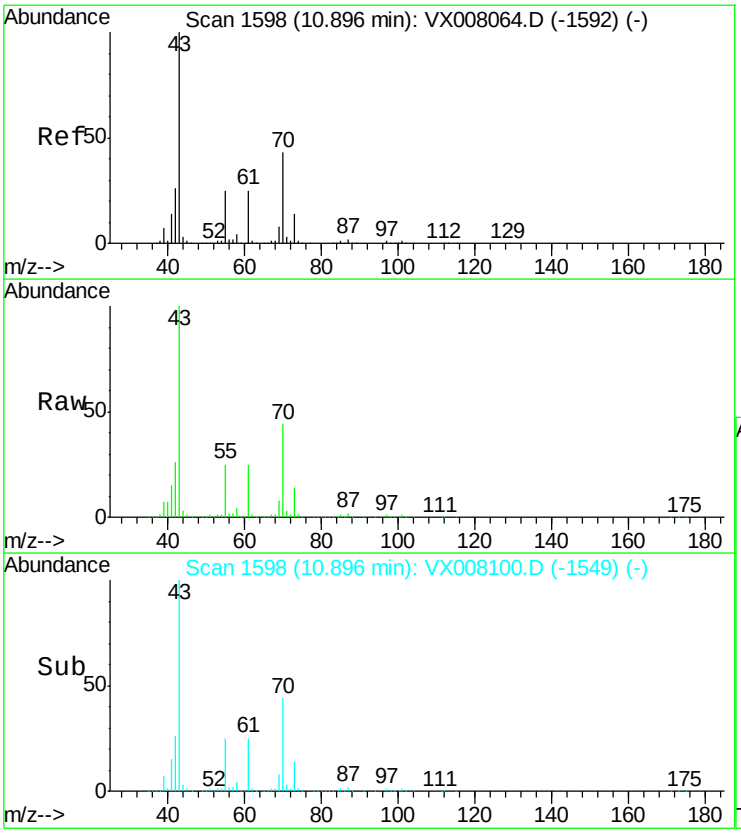

#73
Isopropylbenzene
Concen: 50.986 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:105 Resp: 558284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.9 | 13.4 | 40.1 |

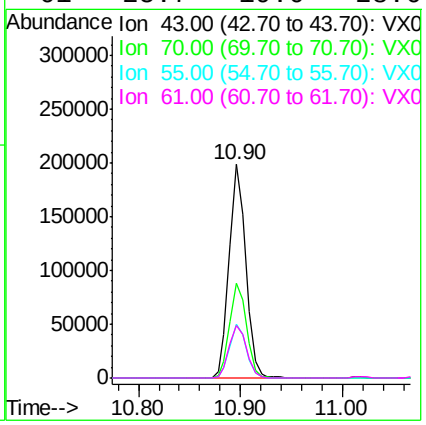


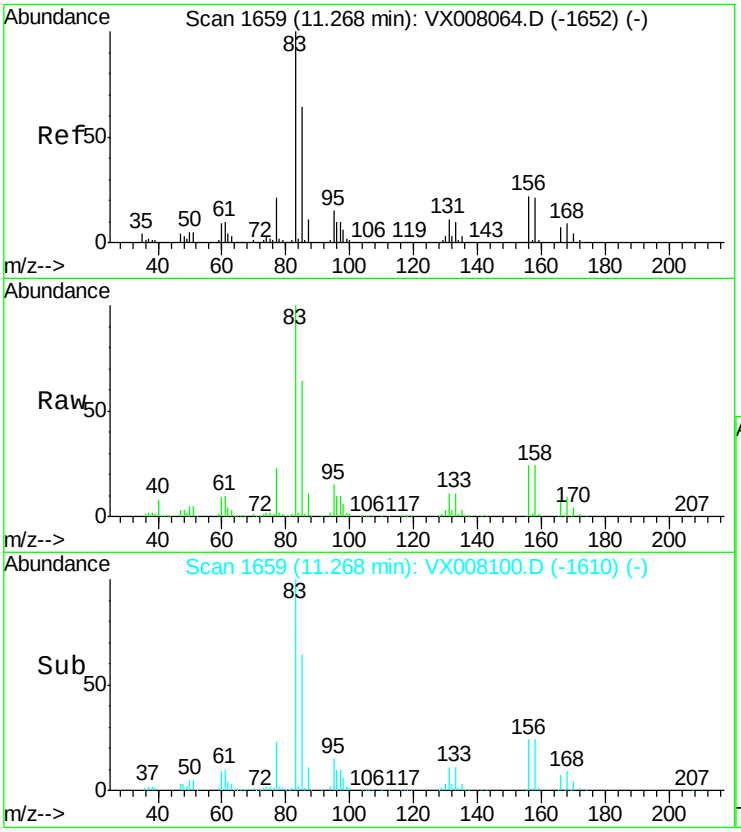




#74
N-amyl acetate
Concen: 48.278 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 43 Resp: 222996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 45.0 | 33.5 | 50.3 |
| 55 | 25.5 | 19.2 | 28.8 |
| 61 | 25.7 | 19.0 | 28.6 |



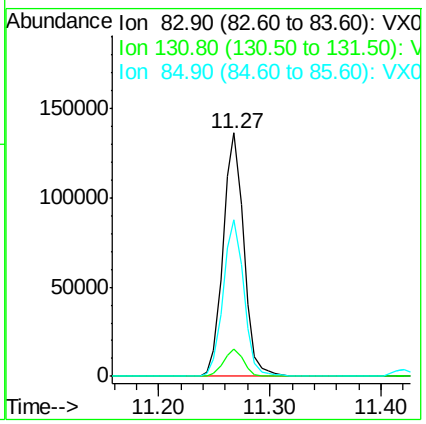


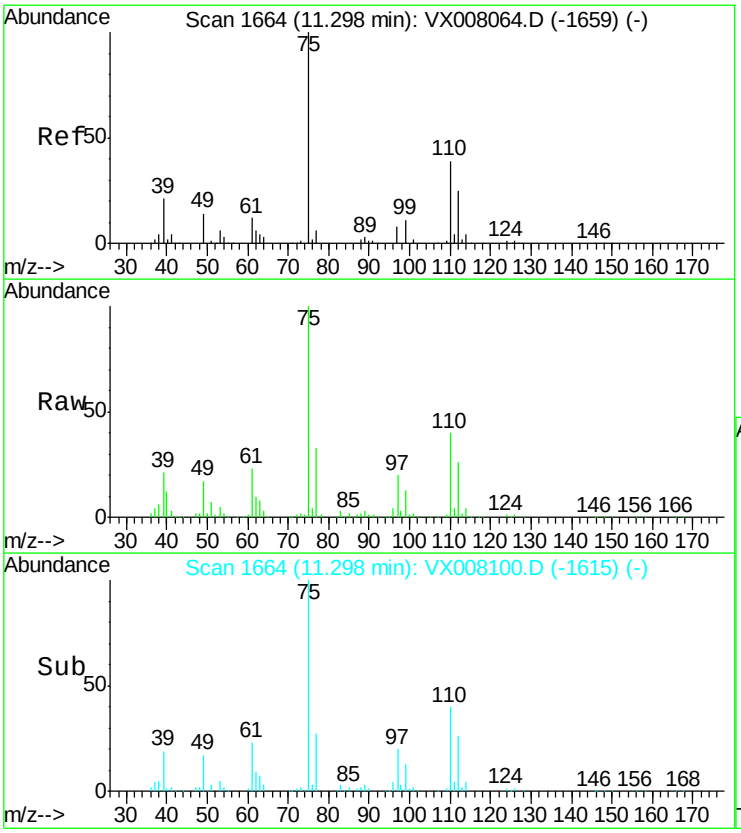

#75
1,1,2,2-Tetrachloroethane
Concen: 48.830 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 175190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.1 | 5.4 | 16.2 |
| 85 | 64.6 | 32.3 | 96.8 |

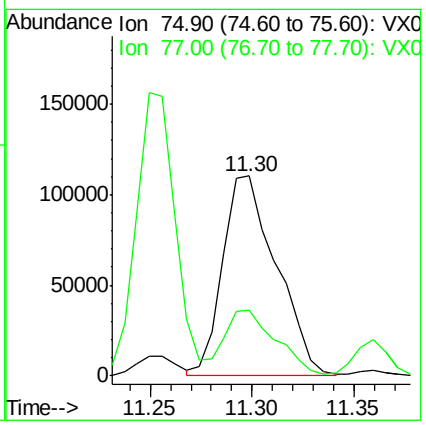


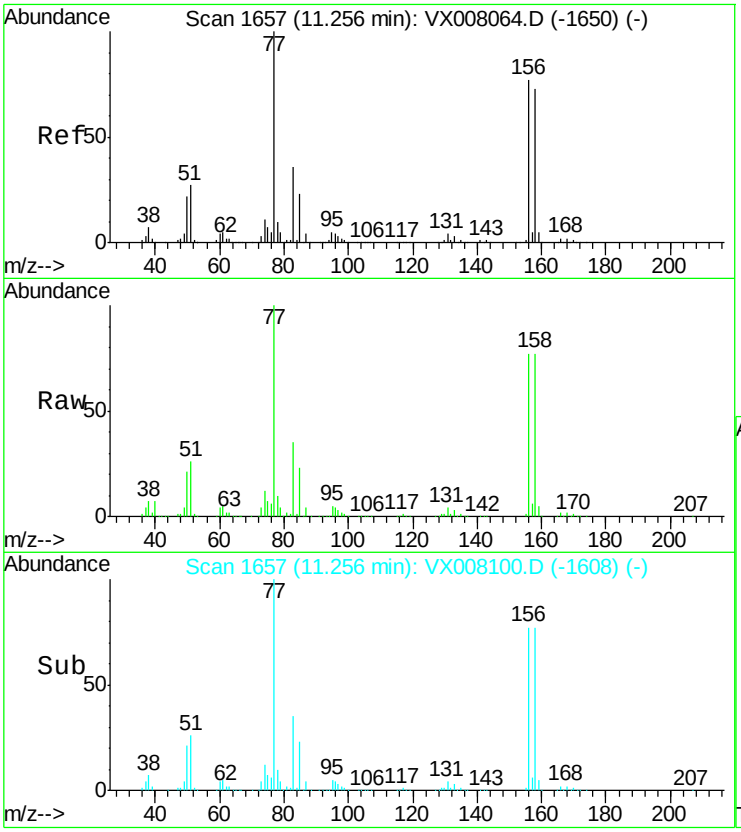




#76
1,2,3-Trichloropropane
Concen: 67.917 ug/l
RT: 11.30 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 75 Resp: 201652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.3 | 18.9 | 56.7 |



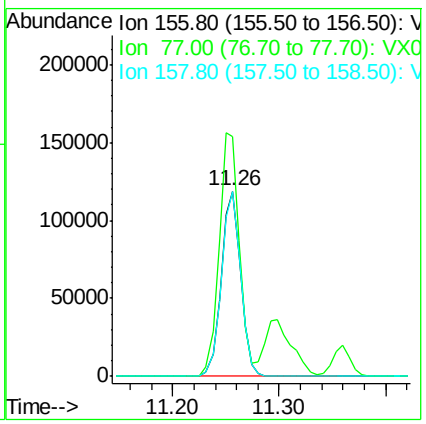


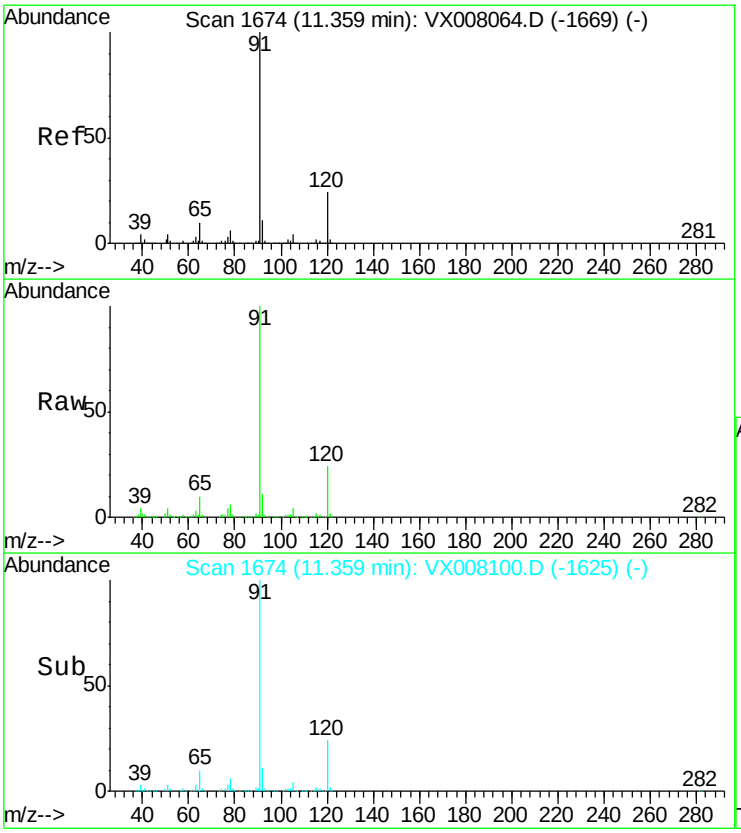

#77
Bromobenzene
Concen: 50.453 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:156 Resp: 150791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 136.4 | 72.0 | 215.9 |
| 158 | 99.3 | 48.6 | 145.9 |

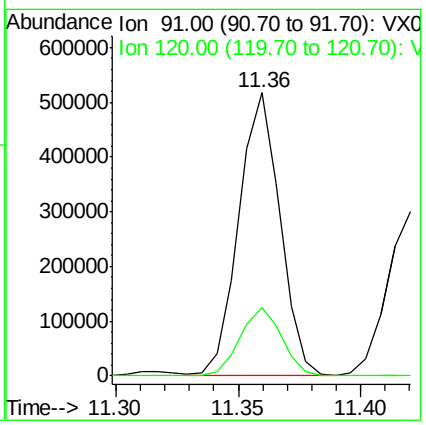


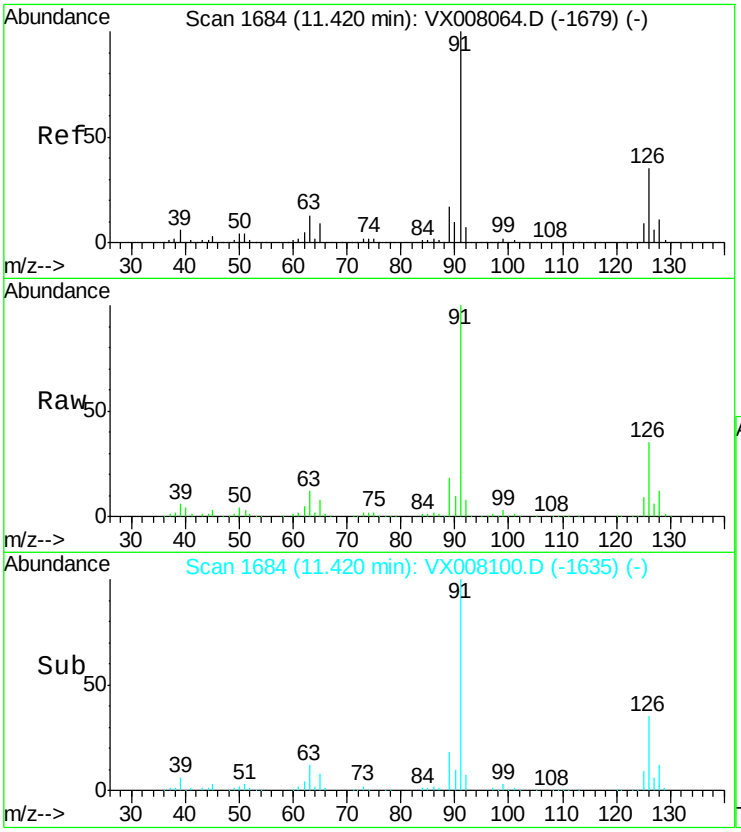




#78
n-propylbenzene
Concen: 50.243 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 91 Resp: 603574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 24.5 | 12.0 | 36.0 |



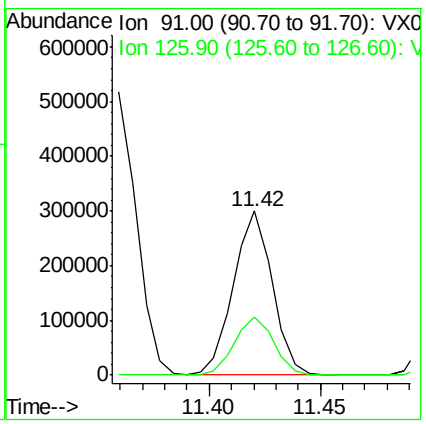


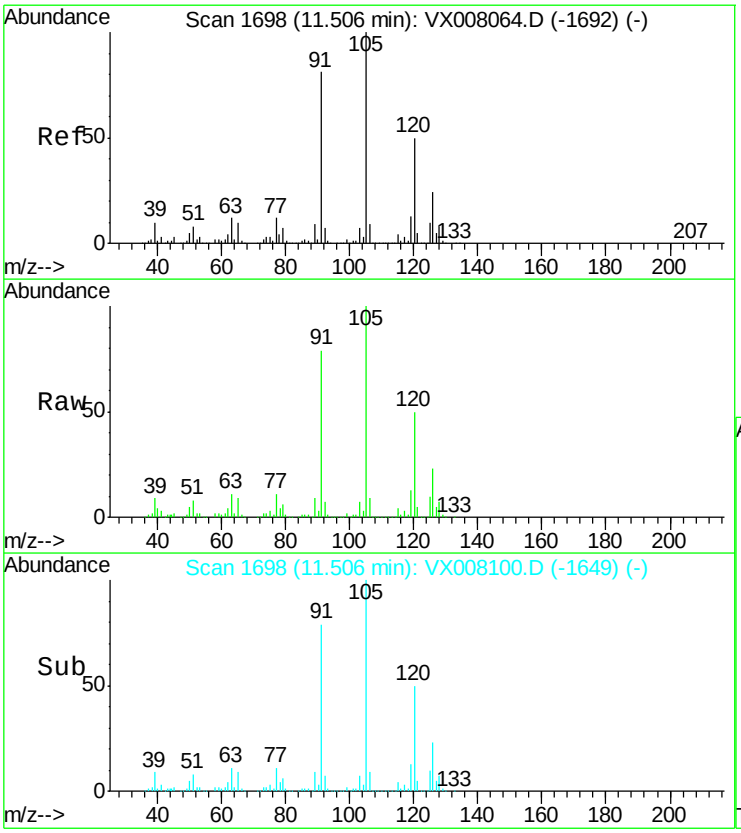

#79
2-Chlorotoluene
Concen: 49.583 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 91 Resp: 363771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 36.0 | 17.5 | 52.6 |

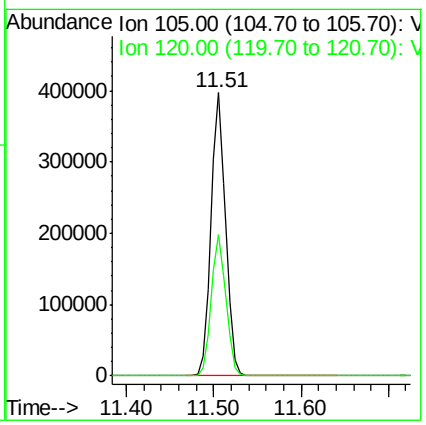


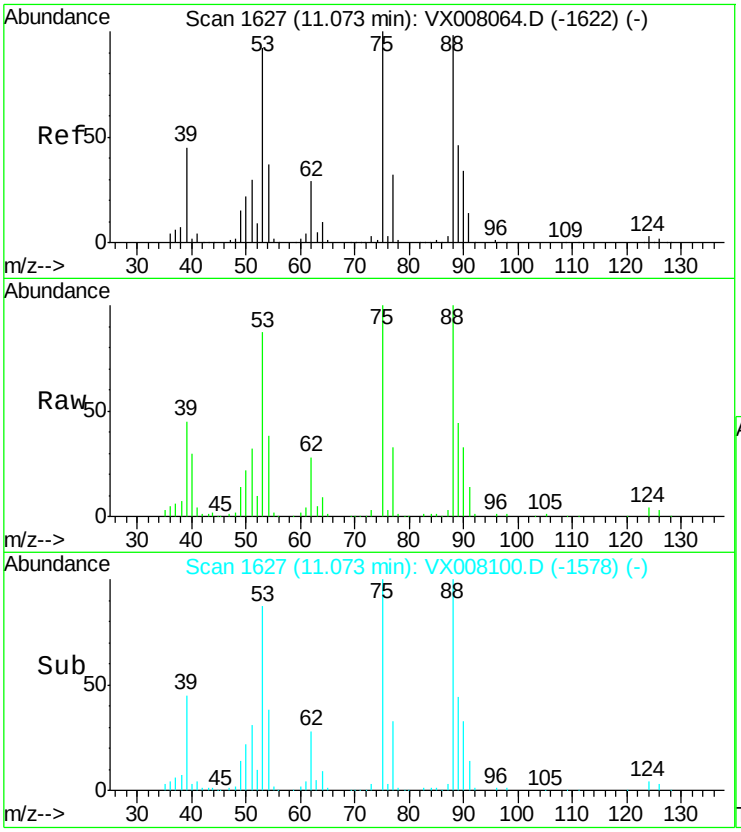




#80
1,3,5-Trimethylbenzene
Concen: 50.957 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion:105 Resp: 459780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.1 | 24.9 | 74.6 |



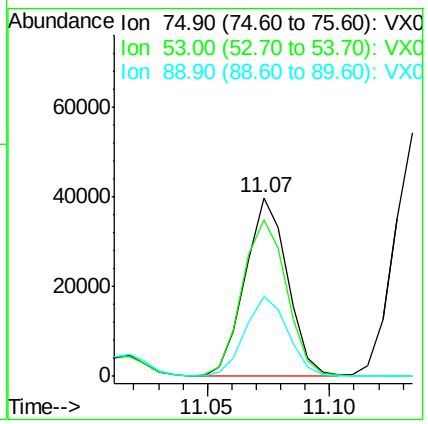


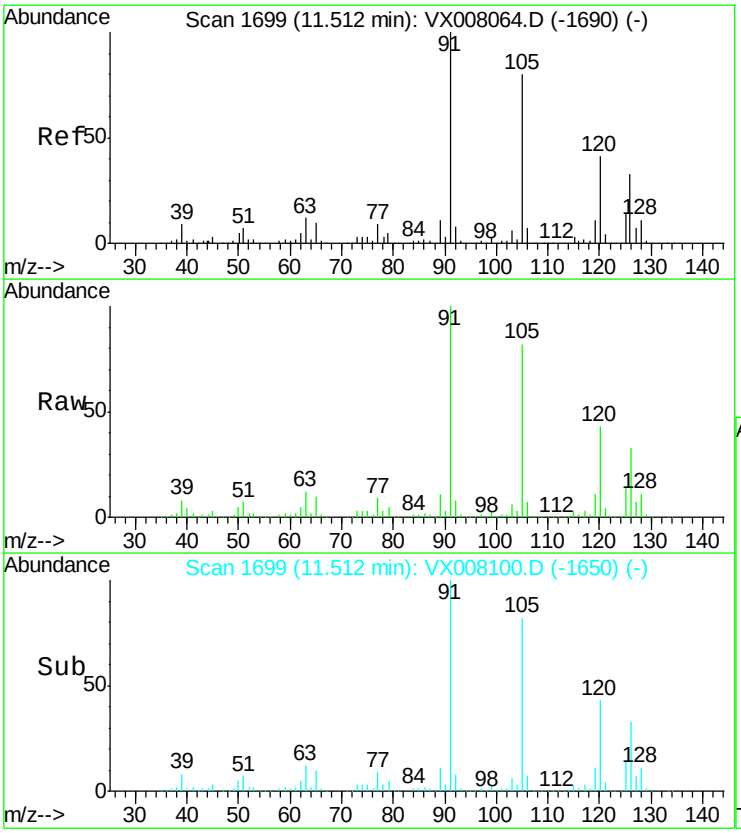

#81
trans-1,4-Dichloro-2-butene
Concen: 45.946 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 75 Resp: 47939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 91.8 | 76.1 | 114.1 |
| 89 | 45.8 | 36.3 | 54.5 |

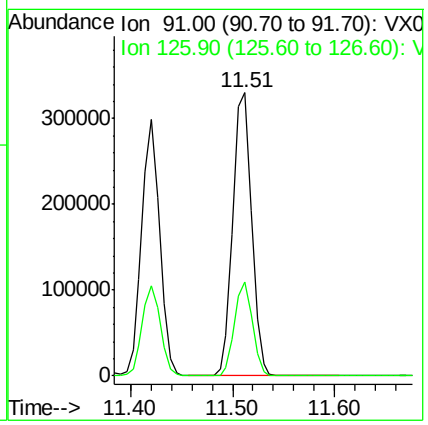


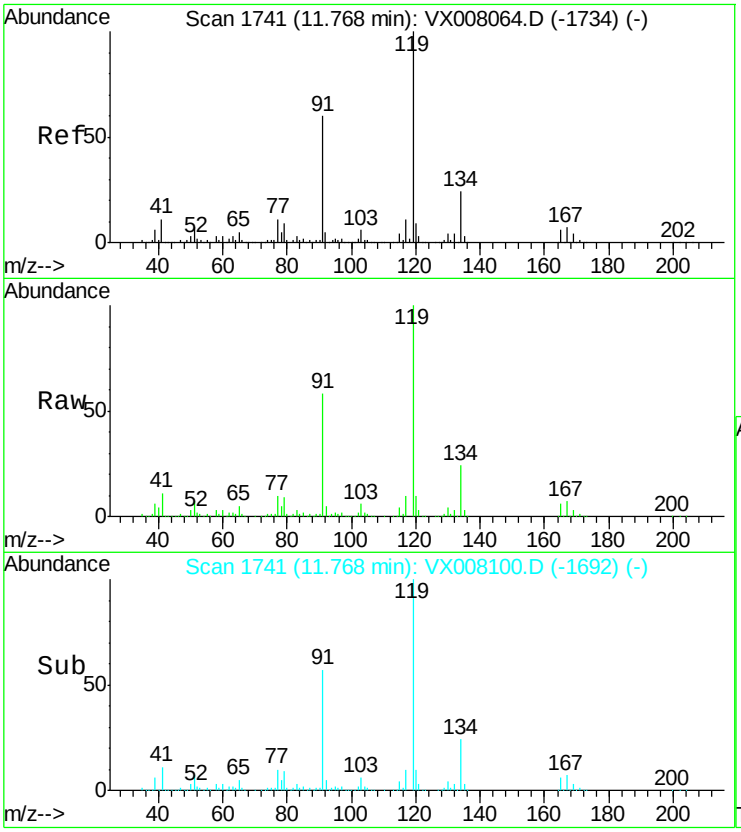




#82
4-Chlorotoluene
Concen: 49.869 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 91 Resp: 419027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.6 | 15.6 | 46.8 |



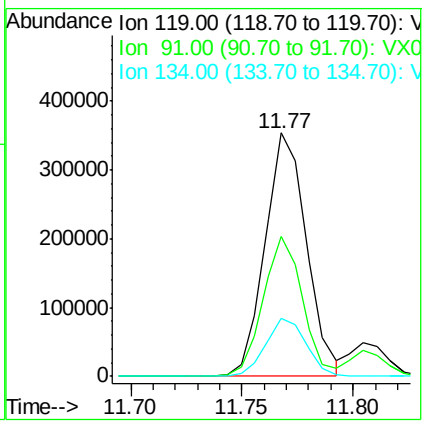


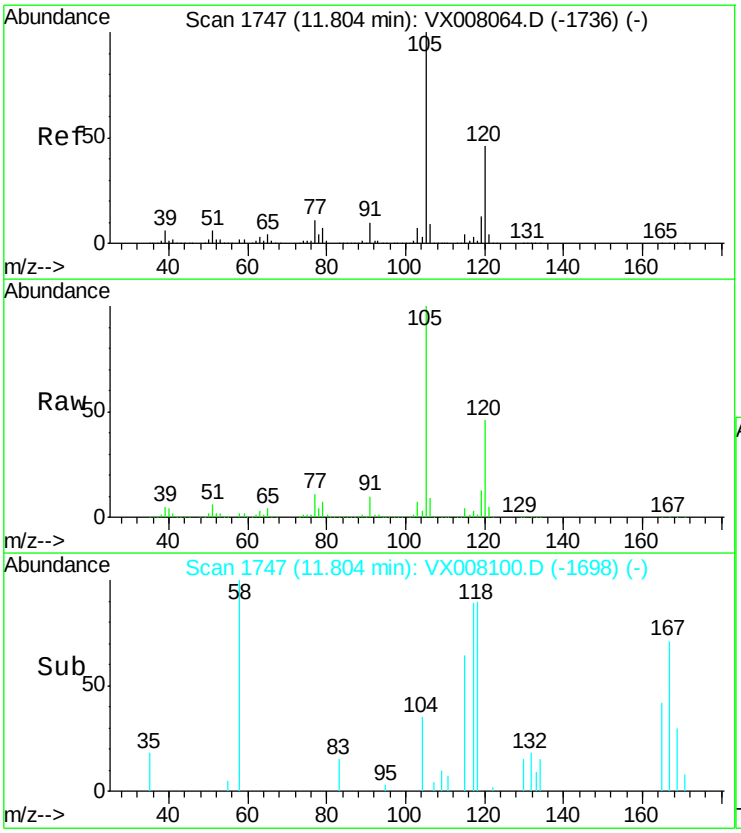

#83
tert-Butylbenzene
Concen: 50.513 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:119 Resp: 456736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 54.9 | 27.1 | 81.3 |
| 134 | 23.2 | 11.4 | 34.1 |

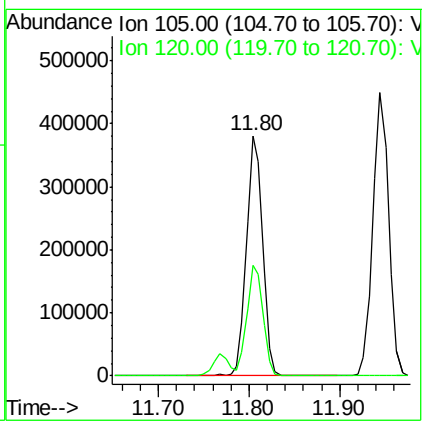


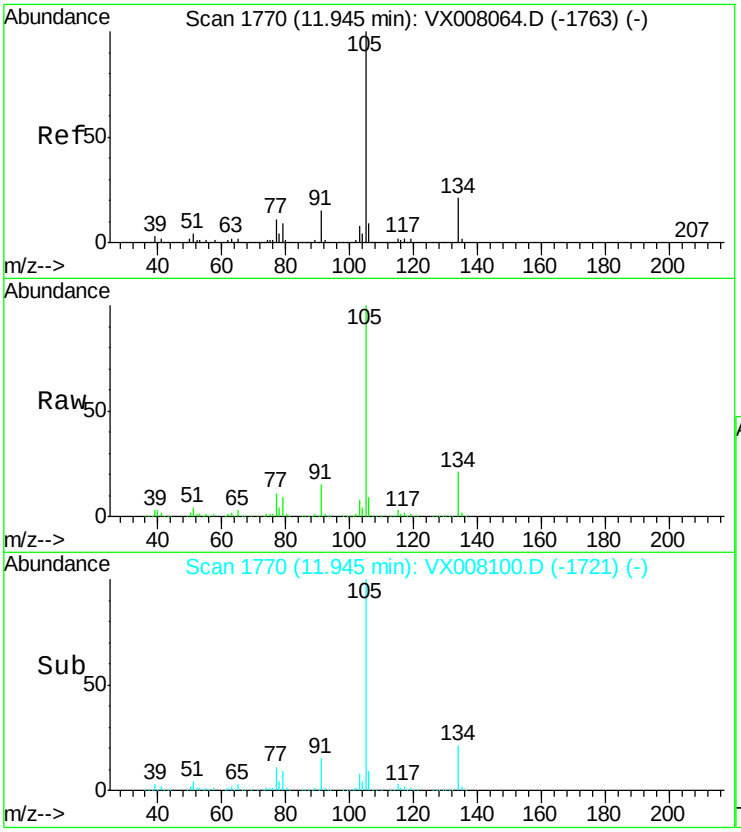




#84
1,2,4-Trimethylbenzene
Concen: 50.853 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion:105 Resp: 473296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.4 | 22.6 | 67.7 |



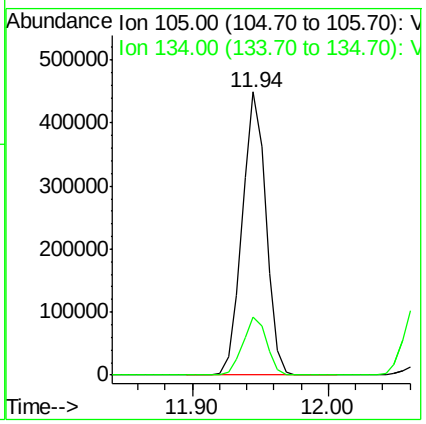


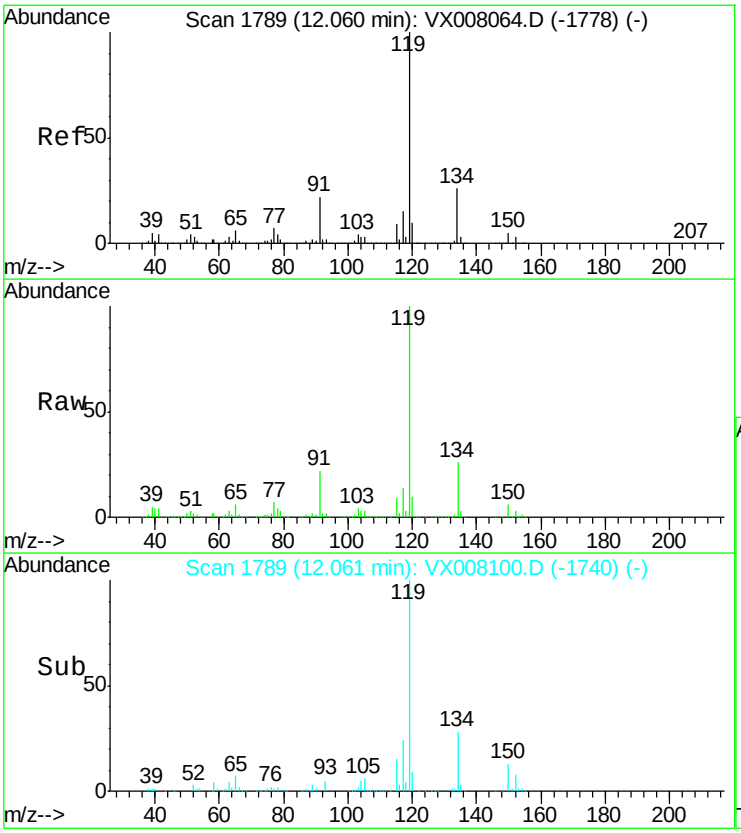

#85
sec-Butylbenzene
Concen: 50.761 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:105 Resp: 546847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.7 | 10.4 | 31.2 |

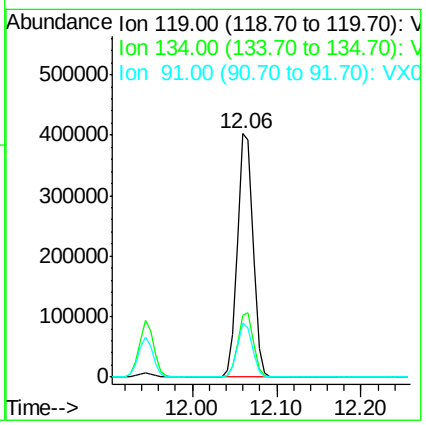


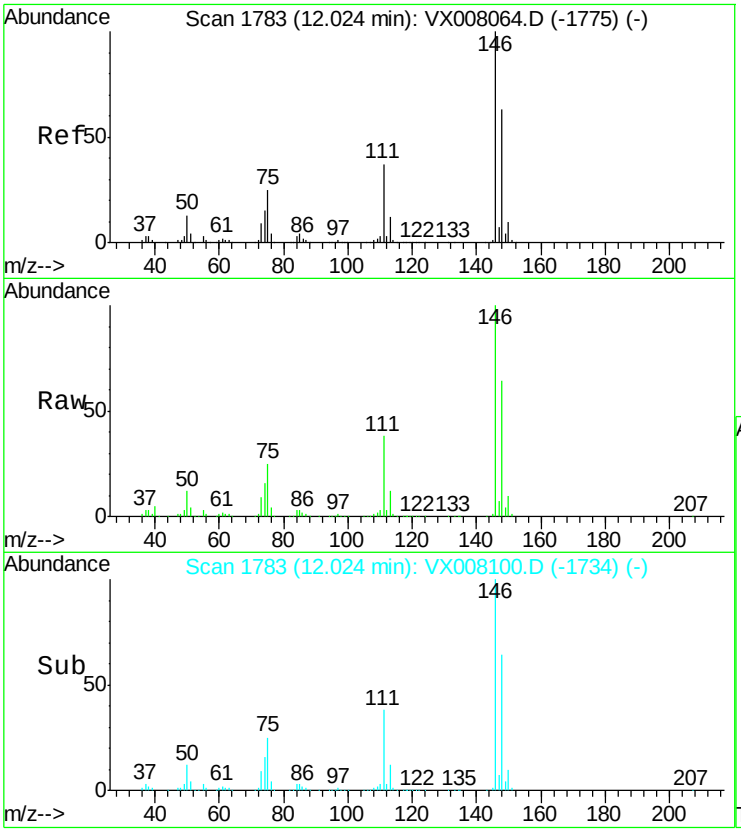




#86
p-Isopropyltoluene
Concen: 50.760 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion:119 Resp: 494560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.4 | 13.3 | 39.9 |
| 91 | 21.5 | 10.9 | 32.7 |



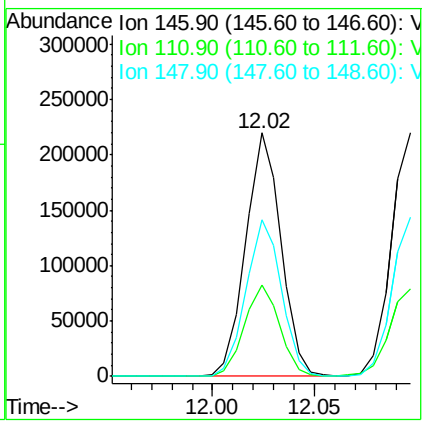


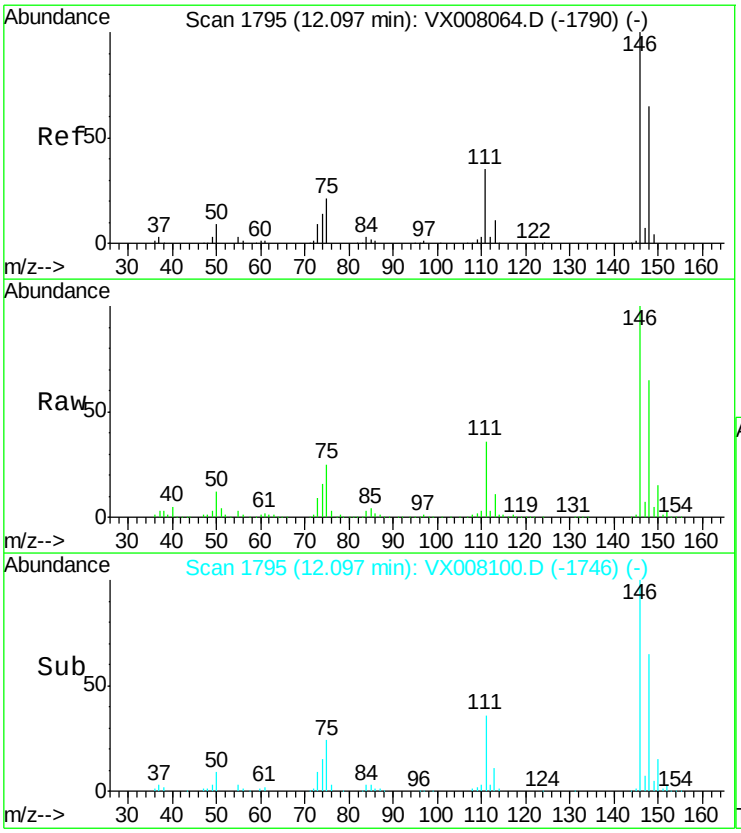

#87
1,3-Dichlorobenzene
Concen: 49.733 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:146 Resp: 264537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.6 | 18.9 | 56.7 |
| 148 | 64.5 | 31.7 | 95.1 |

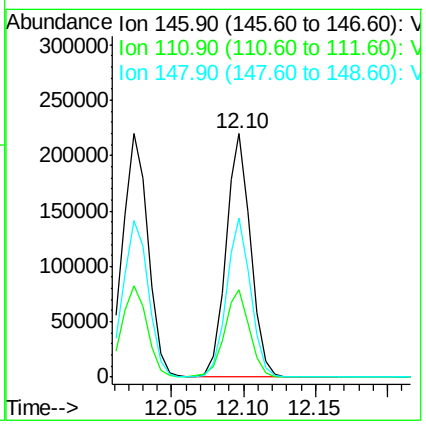


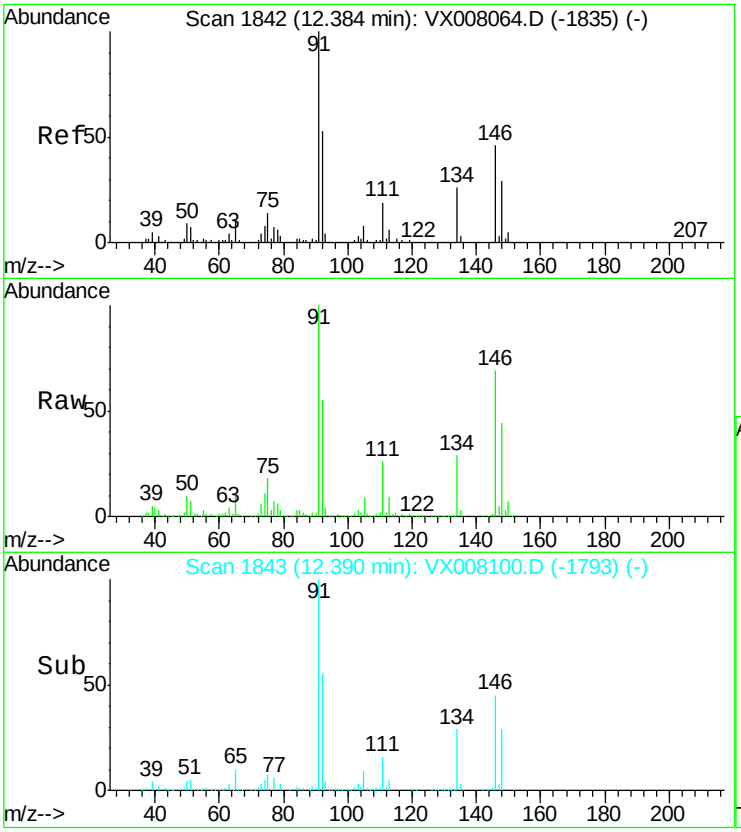




#88
1,4-Dichlorobenzene
Concen: 48.740 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion:146 Resp: 263258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.7 | 18.4 | 55.0 |
| 148 | 64.4 | 32.2 | 96.6 |



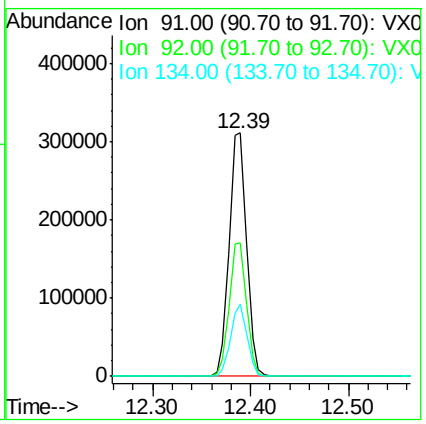


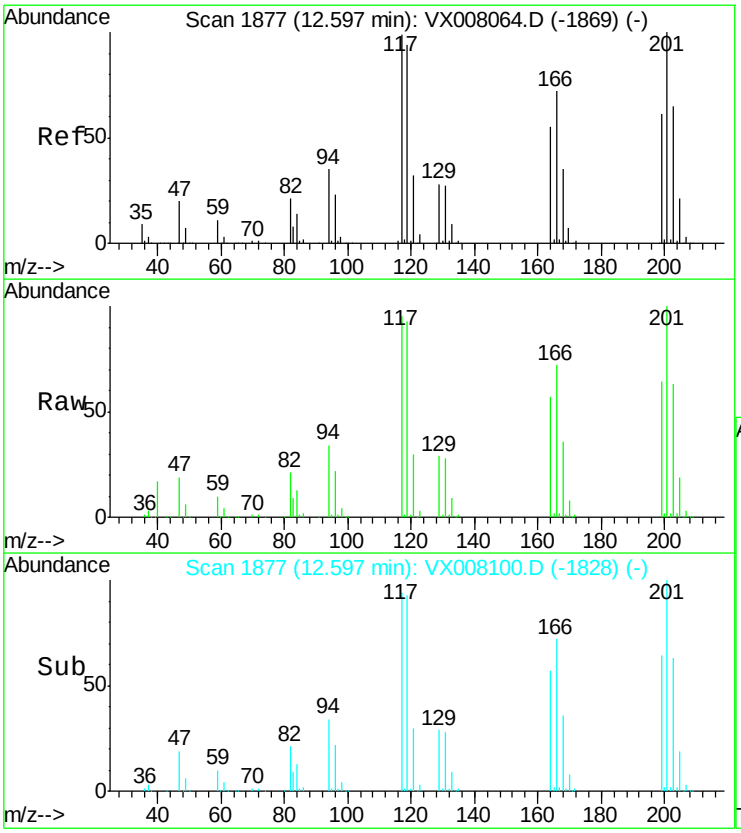

#89
n-Butylbenzene
Concen: 47.304 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 91 Resp: 385649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.2 | 27.0 | 80.8 |
| 134 | 28.1 | 13.7 | 41.0 |

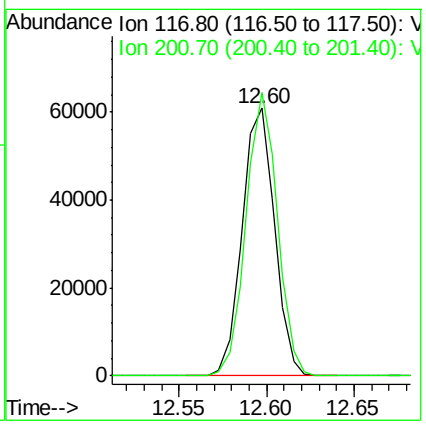


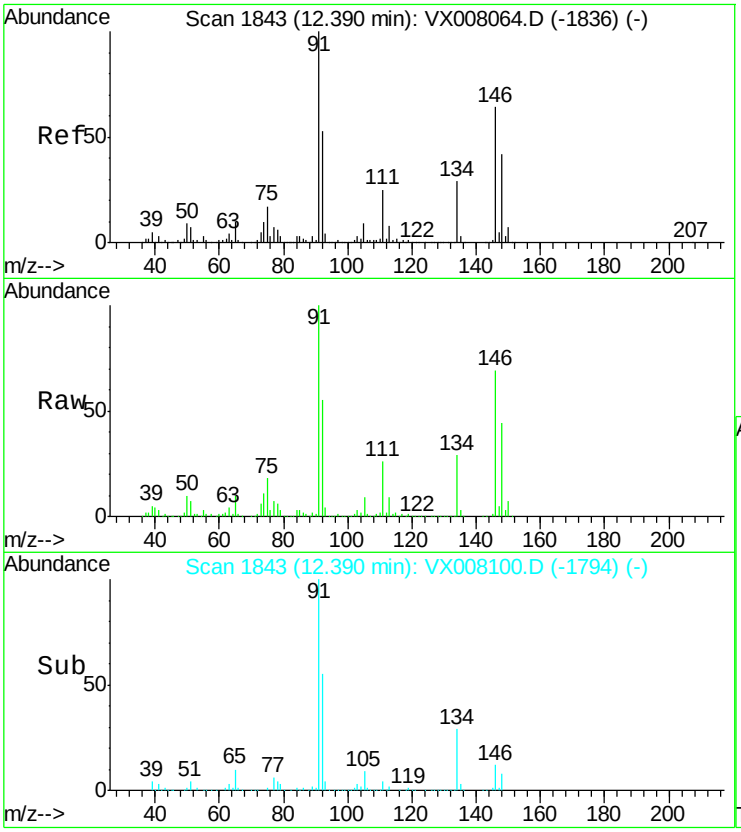




#90
Hexachloroethane
Concen: 50.311 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion:117 Resp: 78450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 102.3 | 48.9 | 146.7 |



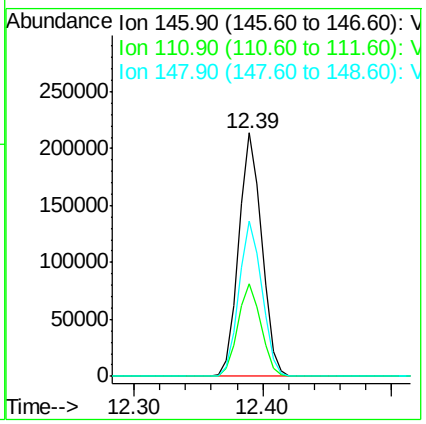


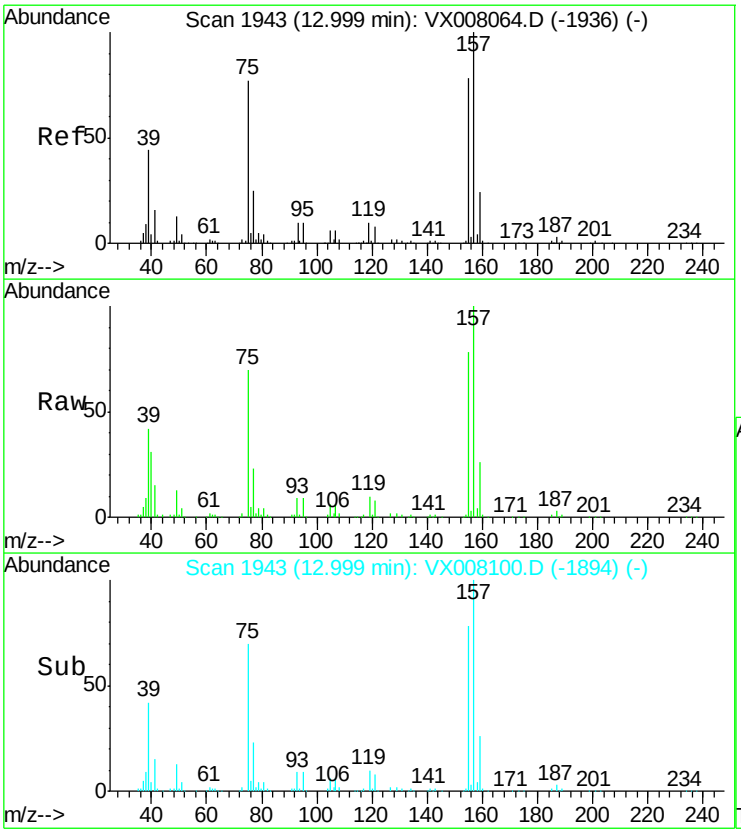

#91
1,2-Dichlorobenzene
Concen: 49.986 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:146 Resp: 263798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.2 | 19.6 | 58.8 |
| 148 | 63.9 | 31.9 | 95.5 |

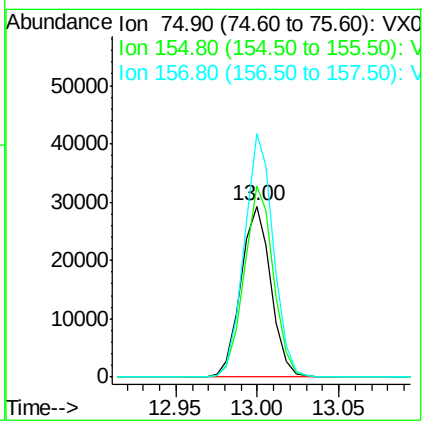


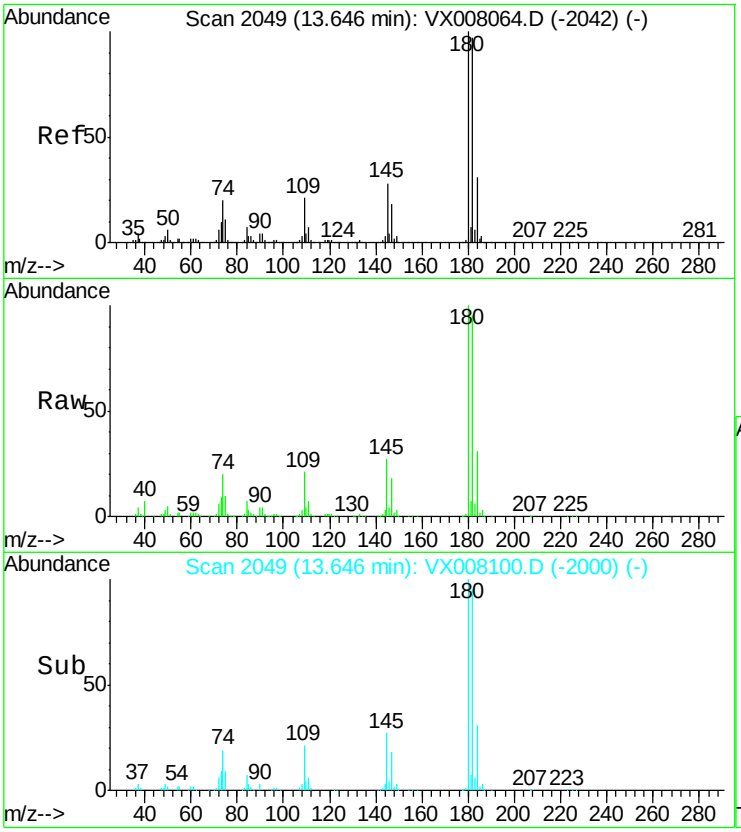




#92
1,2-Dibromo-3-Chloropropane
Concen: 51.741 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion: 75 Resp: 37531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 108.8 | 49.7 | 149.1 |
| 157 | 138.4 | 63.8 | 191.4 |



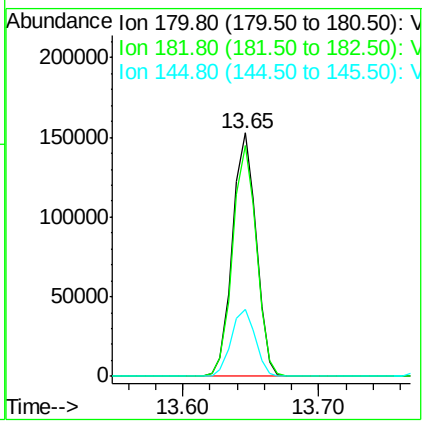


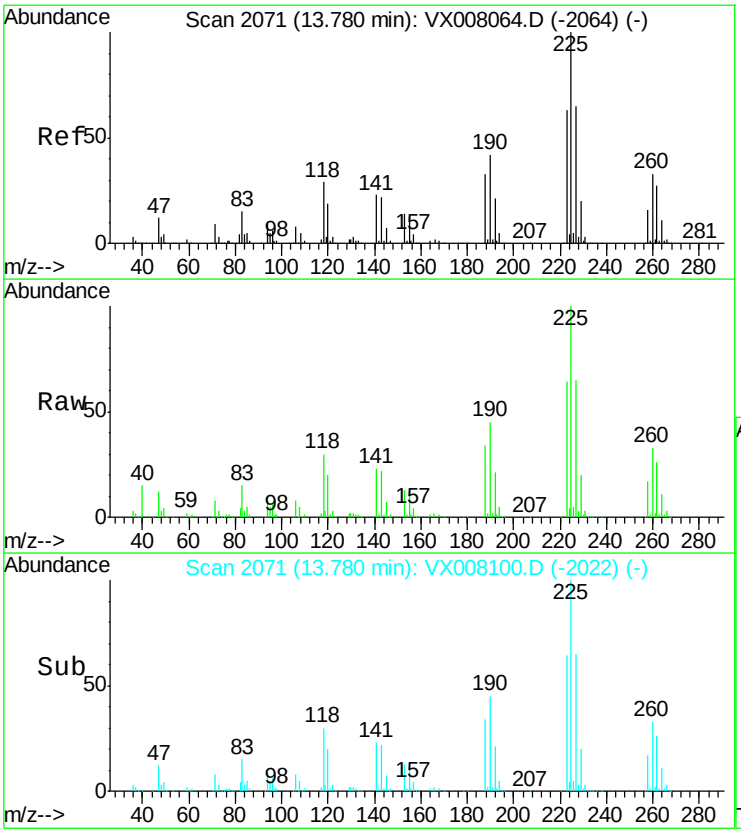

#93
1,2,4-Trichlorobenzene
Concen: 49.646 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:180 Resp: 185592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.0 | 47.9 | 143.7 |
| 145 | 27.9 | 14.1 | 42.4 |

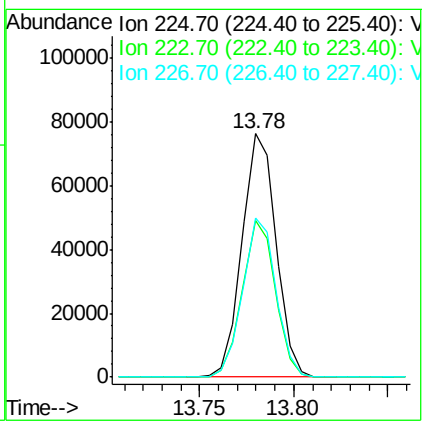


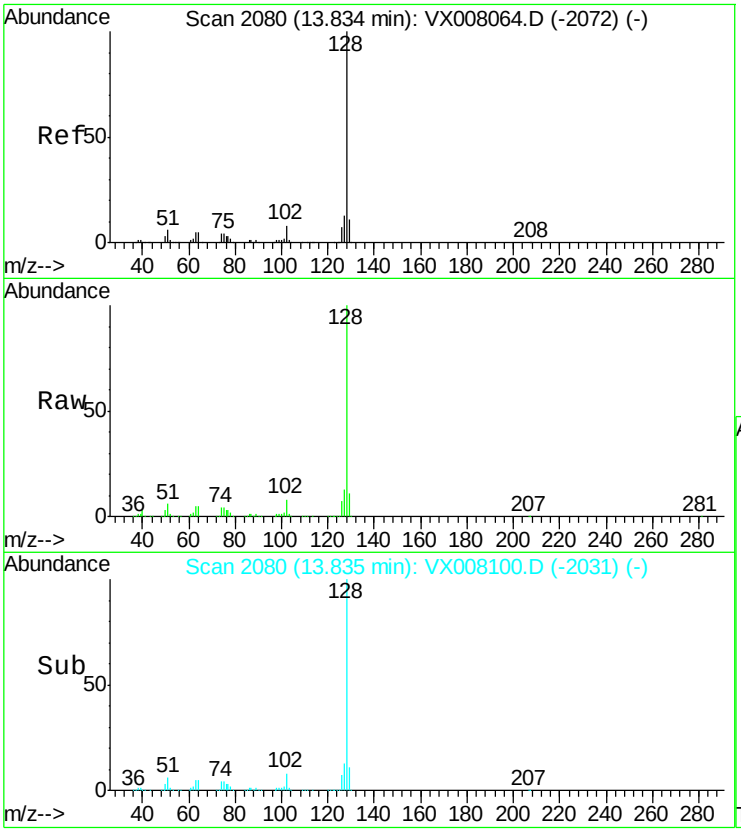




#94
Hexachlorobutadiene
Concen: 47.009 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion:225 Resp: 95478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.8 | 31.1 | 93.2 |
| 227 | 64.2 | 32.0 | 96.0 |



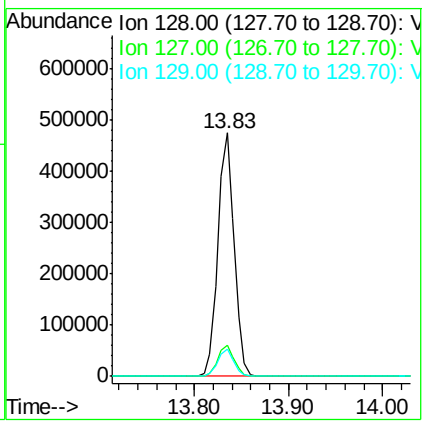


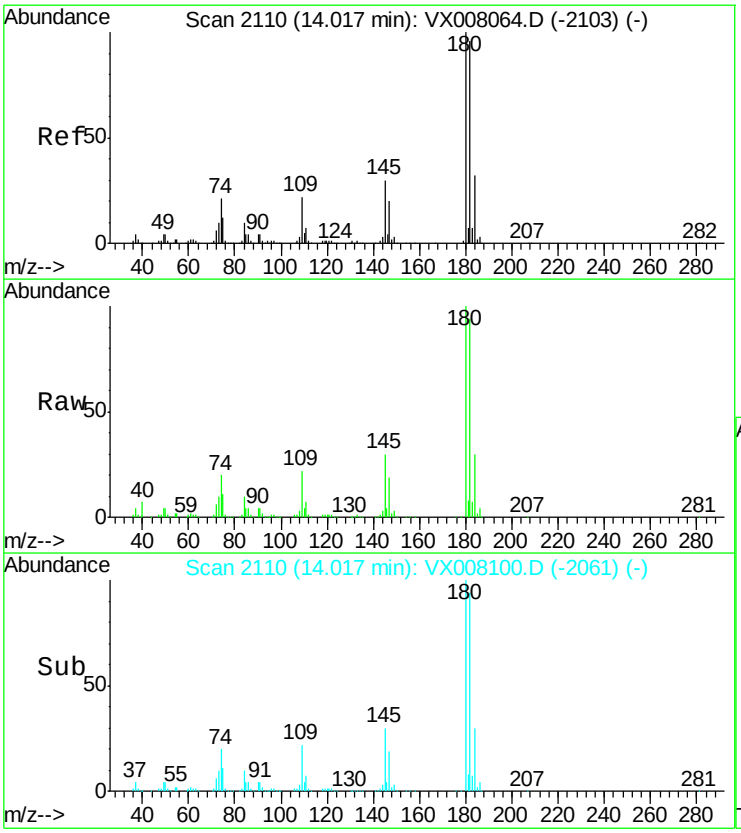

#95
Naphthalene
Concen: 53.822 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:128 Resp: 565747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.9 | 10.3 | 15.5 |
| 129 | 10.9 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 51.307 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008100.D
Acq: 15 Mar 2019 05:06

Tgt Ion:180 Resp: 188816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.4 | 47.5 | 142.5 |
| 145 | 29.9 | 14.8 | 44.3 |