Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006662.D
Acq On : 20 Dec 2018 09:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 21 03:26:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 737861 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 1095979 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 1030351 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 539742 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 368630 | 46.35 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.70% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 342606 | 49.43 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.86% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 1302142 | 49.83 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.66% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 491496 | 51.36 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.72% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 317498 | 47.036 | ug/l | 98 |
| 3) Chloromethane | 1.33 | 50 | 341239 | 46.923 | ug/l | 98 |
| 4) Vinyl Chloride | 1.41 | 62 | 357138 | 47.022 | ug/l | 99 |
| 5) Bromomethane | 1.64 | 94 | 366482 | 51.774 | ug/l | 100 |
| 6) Chloroethane | 1.71 | 64 | 229177 | 43.578 | ug/l | 97 |
| 7) Trichlorofluoromethane | 1.93 | 101 | 565113 | 47.723 | ug/l | 98 |
| 8) Diethyl Ether | 2.19 | 74 | 217704 | 46.287 | ug/l | 98 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 346827 | 49.883 | ug/l | 99 |
| 10) Methyl Iodide | 2.51 | 142 | 519851 | 52.233 | ug/l | 100 |
| 11) Tert butyl alcohol | 3.07 | 59 | 405970 | 228.748 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 309525 | 46.951 | ug/l | 99 |
| 13) Acrolein | 2.29 | 56 | 240770 | 201.102 | ug/l | 99 |
| 14) Allyl chloride | 2.73 | 41 | 531996 | 47.941 | ug/l | 99 |
| 15) Acrylonitrile | 3.15 | 53 | 931191 | 236.313 | ug/l | 100 |
| 16) Acetone | 2.45 | 43 | 921667 | 252.266 | ug/l | 98 |
| 17) Carbon Disulfide | 2.57 | 76 | 792014 | 45.397 | ug/l | 100 |
| 18) Methyl Acetate | 2.78 | 43 | 512365 | 47.692 | ug/l | 97 |
| 19) Methyl tert-butyl Ether | 3.20 | 73 | 1068527 | 48.834 | ug/l | 100 |
| 20) Methylene Chloride | 2.85 | 84 | 346203 | 45.825 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 334277 | 45.763 | ug/l | 99 |
| 22) Diisopropyl ether | 3.87 | 45 | 1037631 | 51.112 | ug/l | 98 |
| 23) Vinyl Acetate | 3.82 | 43 | 4358933 | 262.498 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 587139 | 48.449 | ug/l | 98 |
| 25) 2-Butanone | 4.70 | 43 | 1255633 | 244.325 | ug/l | 100 |
| 26) 2,2-Dichloropropane | 4.59 | 77 | 460792 | 49.223 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 382076 | 47.408 | ug/l | 98 |
| 28) Bromochloromethane | 5.02 | 49 | 254646 | 49.841 | ug/l | 97 |
| 29) Tetrahydrofuran | 5.15 | 42 | 799090 | 236.080 | ug/l | 100 |
| 30) Chloroform | 5.21 | 83 | 609790 | 48.590 | ug/l | 100 |
| 31) Cyclohexane | 5.57 | 56 | 534736 | 48.570 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 525504 | 49.591 | ug/l | 100 |
| 36) 1,1-Dichloropropene | 5.80 | 75 | 460237 | 50.702 | ug/l | 100 |
| 37) Ethyl Acetate | 4.85 | 43 | 470842 | 49.836 | ug/l | 98 |
| 38) Carbon Tetrachloride | 5.78 | 117 | 456805 | 51.782 | ug/l | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006662.D
Acq On : 20 Dec 2018 09:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 21 03:26:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 610308 | 51.070 | ug/l | | 96 |
| 40) Benzene | 6.14 | 78 | 1374214 | 49.805 | ug/l | | 98 |
| 41) Methacrylonitrile | 5.06 | 41 | 259232 | 51.681 | ug/l | | 99 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 460891 | 49.020 | ug/l | | 99 |
| 43) Isopropyl Acetate | 6.46 | 43 | 759229 | 52.815 | ug/l | | 99 |
| 44) Trichloroethene | 7.21 | 130 | 413066 | 49.462 | ug/l | | 97 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 342198 | 50.964 | ug/l | | 99 |
| 46) Dibromomethane | 7.66 | 93 | 243717 | 49.347 | ug/l | | 99 |
| 47) Bromodichloromethane | 7.90 | 83 | 433945 | 52.923 | ug/l | | 100 |
| 48) Methyl methacrylate | 7.77 | 41 | 390805 | 53.460 | ug/l | | 99 |
| 49) 1,4-Dioxane | 7.75 | 88 | 193228 | 1010.459 | ug/l | | 99 |
| 51) 4-Methyl-2-Pentanone | 8.65 | 43 | 2402581 | 262.678 | ug/l | | 100 |
| 52) Toluene | 8.78 | 92 | 923795 | 51.824 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 492875 | 56.047 | ug/l | | 97 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 538837 | 55.843 | ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 376306 | 51.575 | ug/l | | 98 |
| 56) Ethyl methacrylate | 9.18 | 69 | 552302 | 53.557 | ug/l | | 97 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 590597 | 50.311 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.31 | 63 | 1366707 | 249.322 | ug/l | | 100 |
| 59) 2-Hexanone | 9.49 | 43 | 1876175 | 268.096 | ug/l | | 100 |
| 60) Dibromochloromethane | 9.58 | 129 | 385551 | 50.499 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 407761 | 52.573 | ug/l | | 100 |
| 64) Tetrachloroethene | 9.34 | 164 | 400769 | 49.121 | ug/l | | 96 |
| 65) Chlorobenzene | 10.13 | 112 | 1080184 | 49.554 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 368262 | 54.149 | ug/l | | 100 |
| 67) Ethyl Benzene | 10.25 | 91 | 1792229 | 50.316 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.36 | 106 | 1433979 | 102.024 | ug/l | | 100 |
| 69) o-Xylene | 10.69 | 106 | 701316 | 50.530 | ug/l | | 98 |
| 70) Styrene | 10.71 | 104 | 1144746 | 52.134 | ug/l | | 100 |
| 71) Bromoform | 10.86 | 173 | 284449 | 46.693 | ug/l | # | 100 |
| 73) Isopropylbenzene | 11.02 | 105 | 1872108 | 50.700 | ug/l | | 99 |
| 74) N-amyl acetate | 10.90 | 43 | 698610 | 52.857 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 546363 | 49.753 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 11.30 | 75 | 624556 | 62.265 | ug/l | | 90 |
| 77) Bromobenzene | 11.26 | 156 | 499744 | 50.061 | ug/l | | 100 |
| 78) n-propylbenzene | 11.36 | 91 | 2123165 | 52.215 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 1228784 | 49.867 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 1549044 | 50.933 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 154797 | 47.222 | ug/l | | 99 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 1422681 | 50.333 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.77 | 119 | 1579027 | 51.875 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 1597702 | 49.944 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.94 | 105 | 1920148 | 51.450 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 1735161 | 52.891 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 908444 | 50.493 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 909922 | 49.335 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.38 | 91 | 1516852 | 54.329 | ug/l | | 99 |
| 90) Hexachloroethane | 12.60 | 117 | 254072 | 49.519 | ug/l | | 100 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 876225 | 48.685 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 114802 | 50.524 | ug/l | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
Data File : VX006662.D
Acq On : 20 Dec 2018 09:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 21 03:26:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 651470 | 52.476 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 303850 | 51.926 | ug/l | 100 |
| 95) Naphthalene | 13.83 | 128 | 1966877 | 49.639 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 645857 | 50.387 | ug/l | 98 |

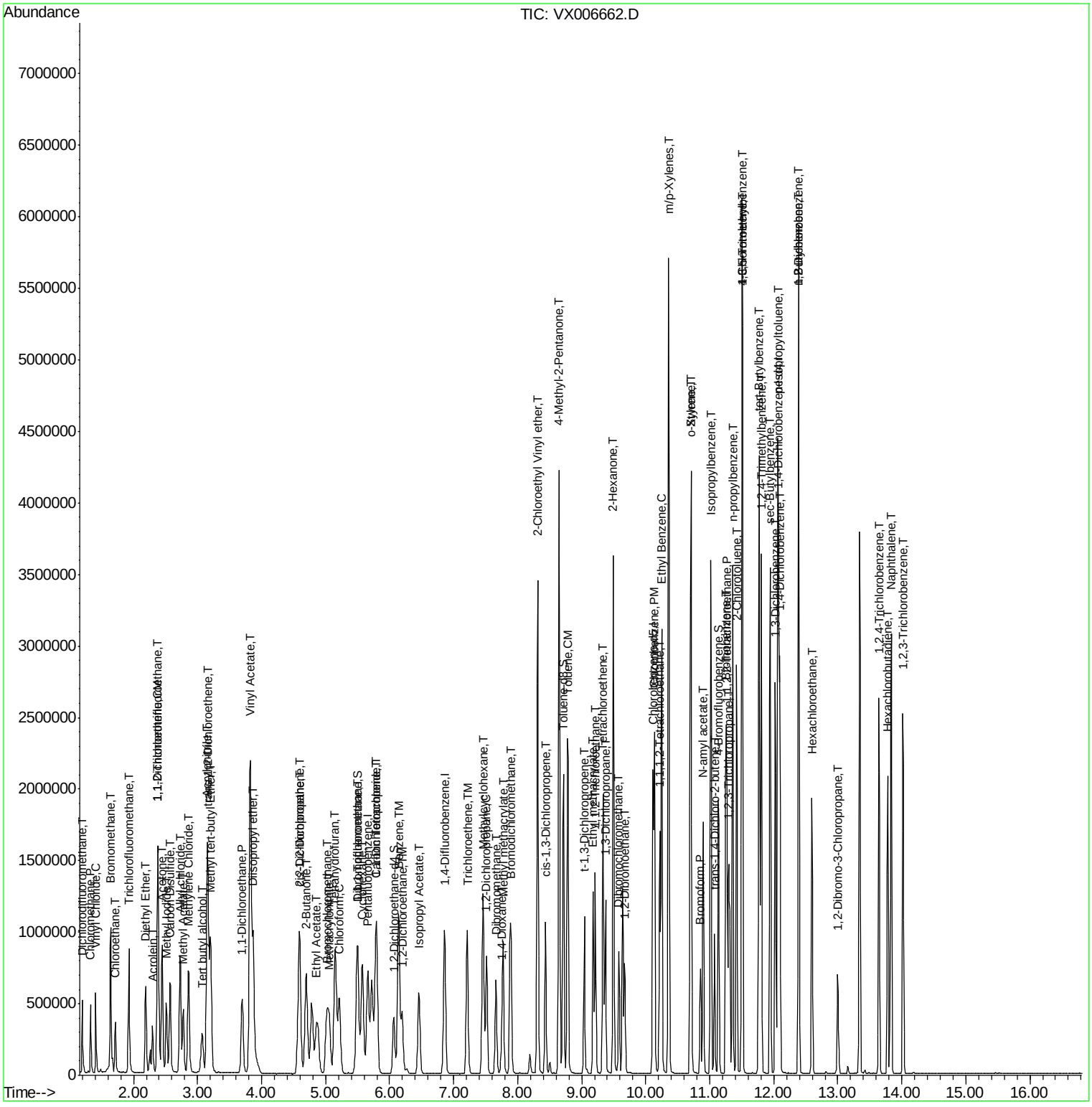
(#) = qualifier out of range (m) = manual integration (+) = signals summed

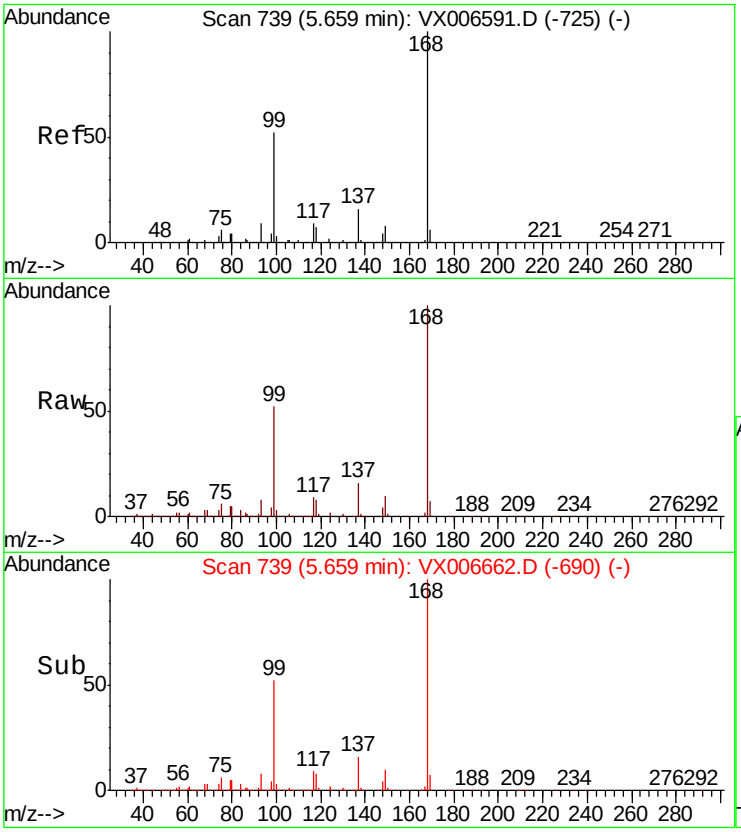
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006662.D
Acq On : 20 Dec 2018 09:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 21 03:26:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration



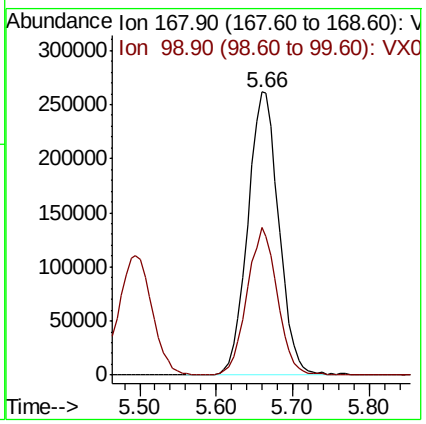


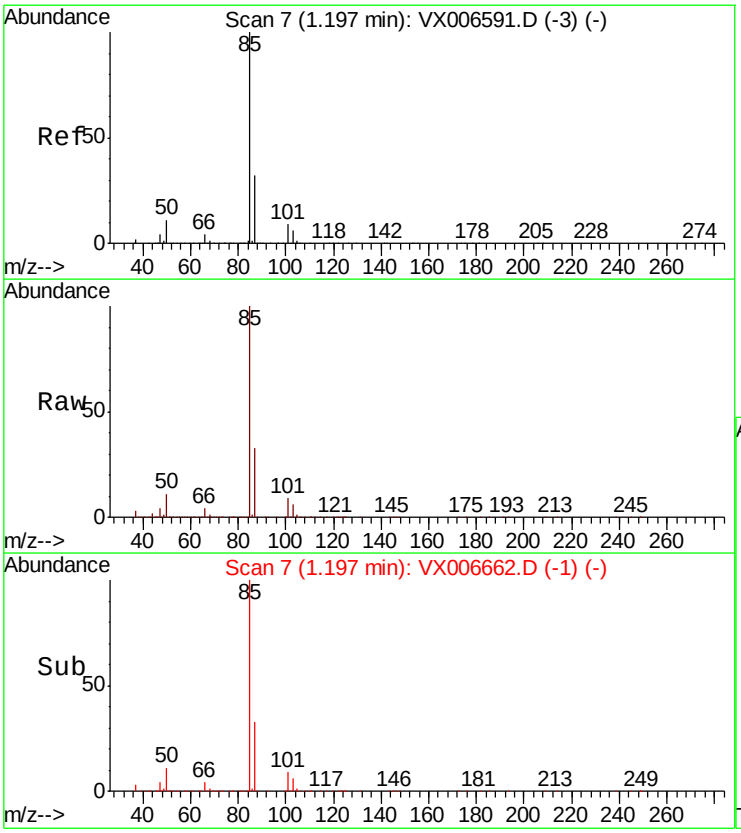

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:168 Resp: 737861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 52.1 | 41.8 | 62.8 |

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

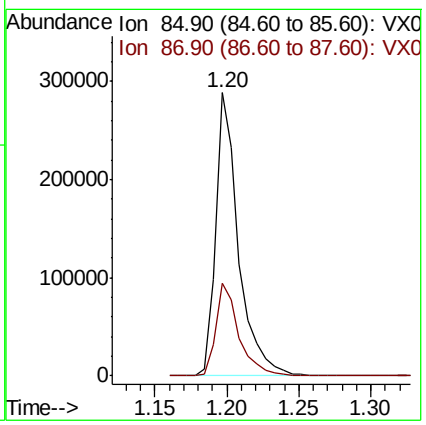


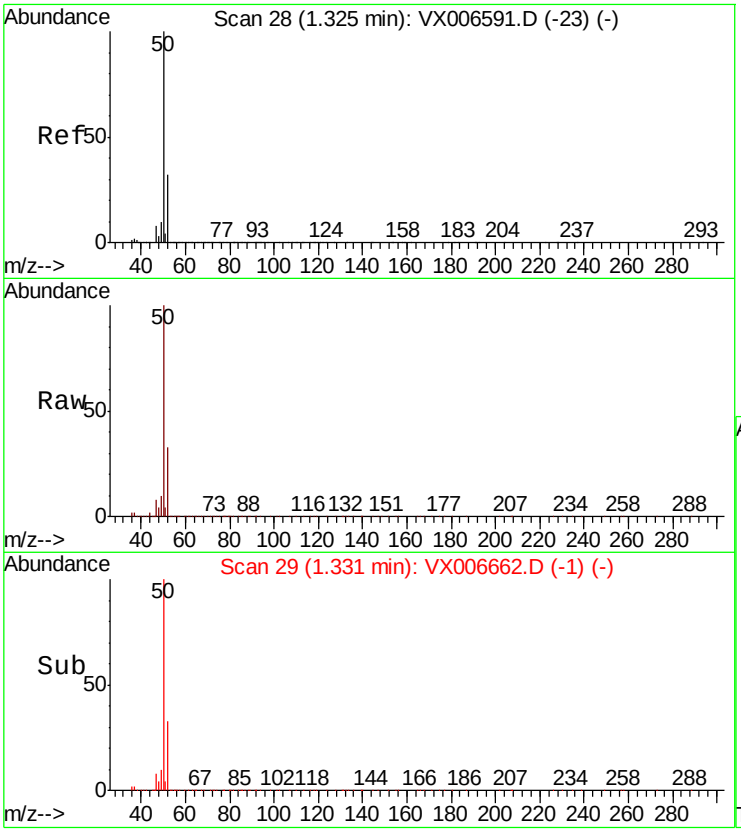




#2
Dichlorodifluoromethane
Concen: 47.036 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 85 Resp: 317498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.6 | 15.9 | 47.6 |



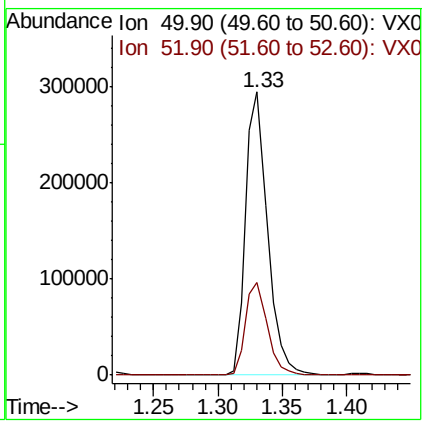


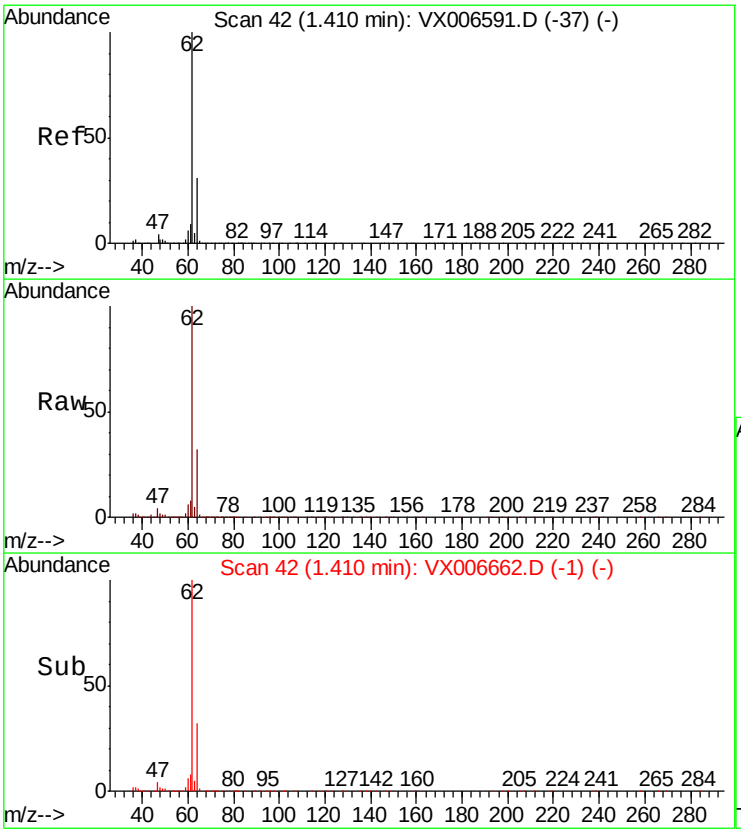

#3
Chloromethane
Concen: 46.923 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 50 Resp: 341239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.7 | 25.4 | 38.2 |

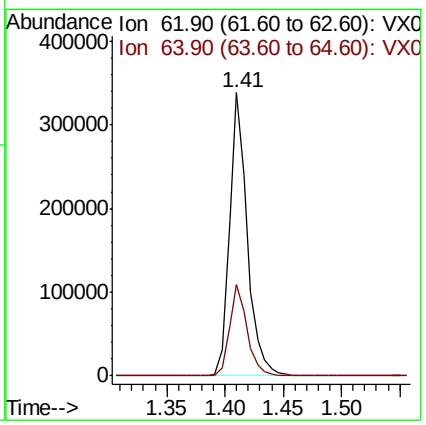


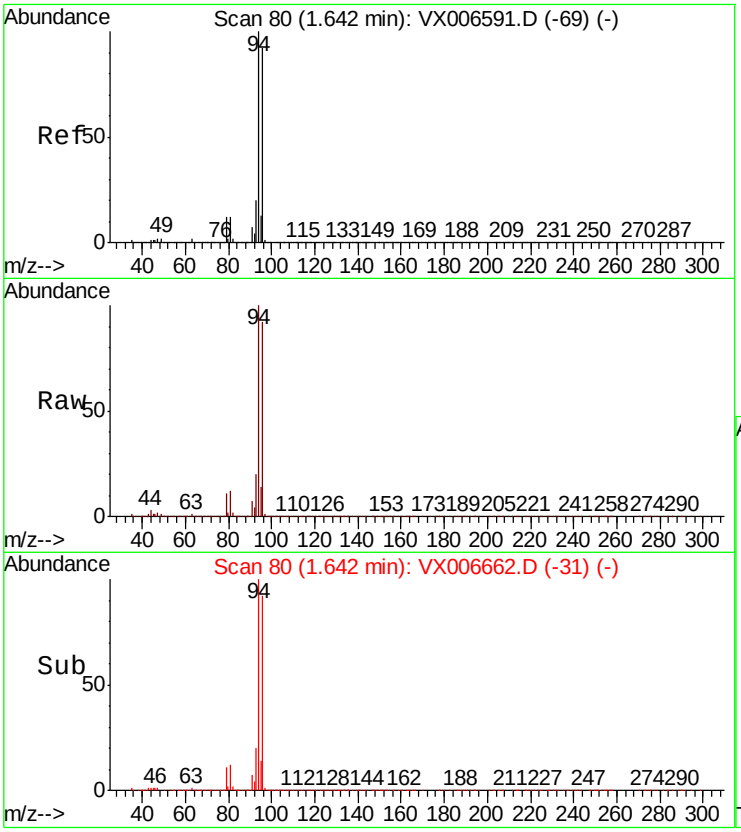




#4
Vinyl Chloride
Concen: 47.022 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 62 Resp: 357138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.1 | 25.1 | 37.7 |



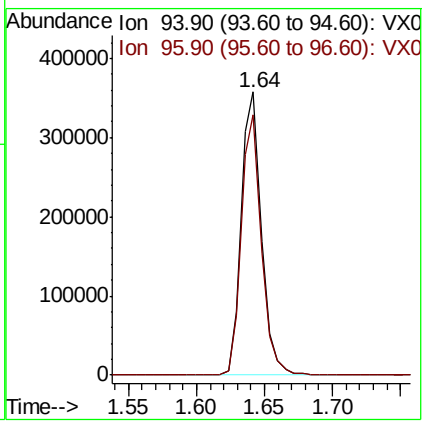


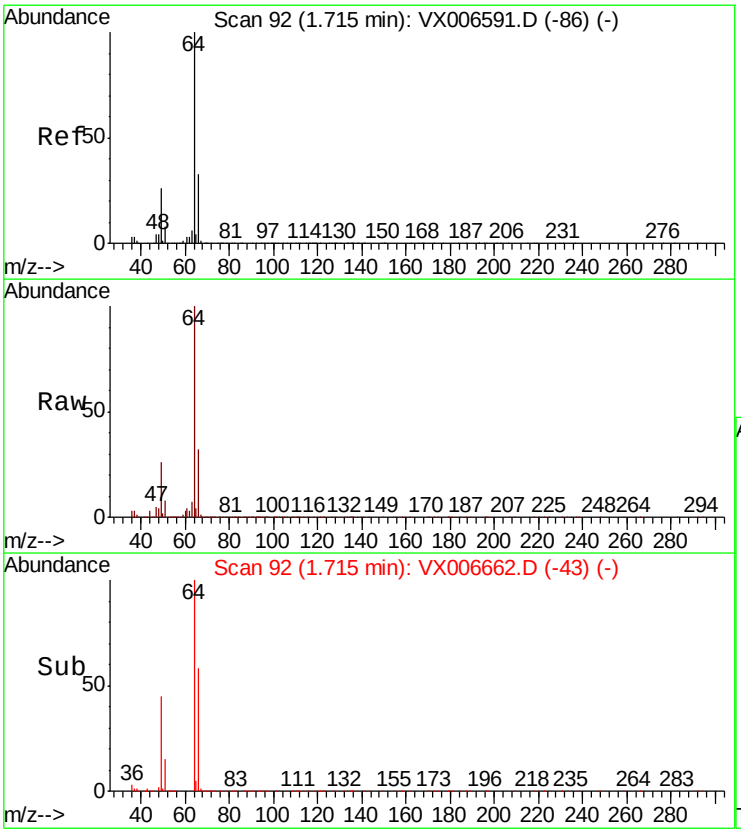

#5
Bromomethane
Concen: 51.774 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 94 Resp: 366482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.2 | 73.4 | 110.2 |

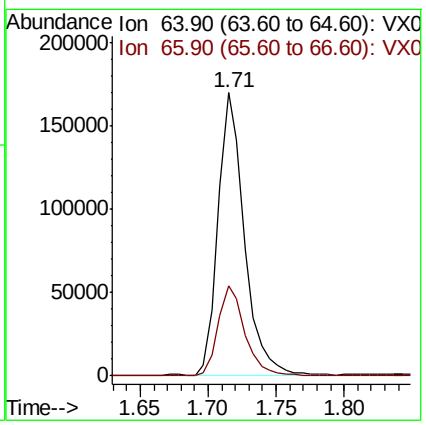


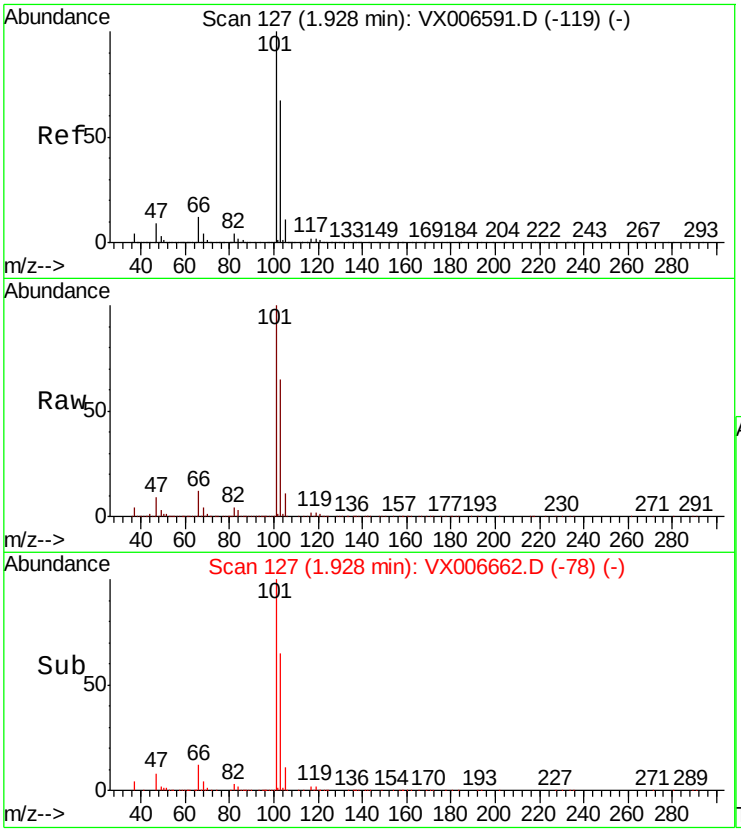




#6
Chloroethane
Concen: 43.578 ug/l
RT: 1.71 min Scan# 92
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 64 Resp: 229177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.5 | 26.4 | 39.6 |



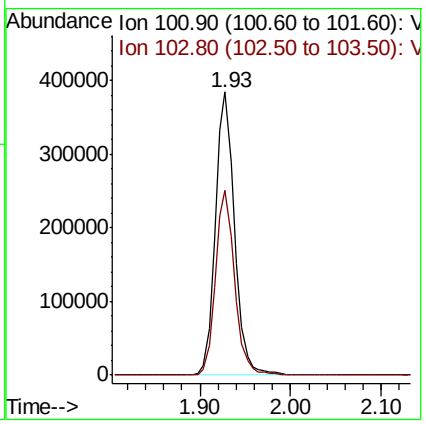


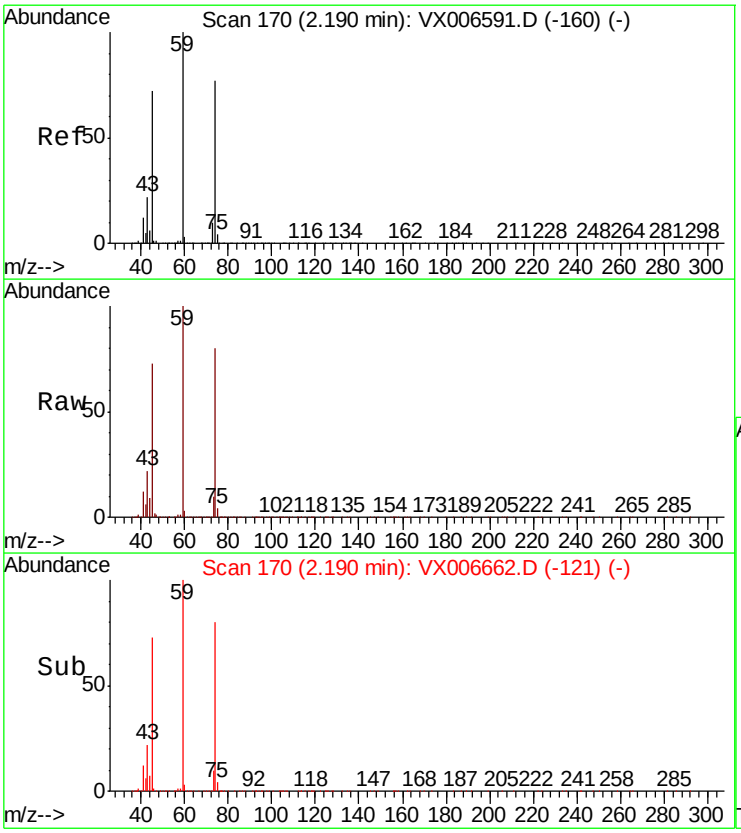

#7
Trichlorofluoromethane
Concen: 47.723 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion:101 Resp: 565113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.3 | 53.2 | 79.8 |

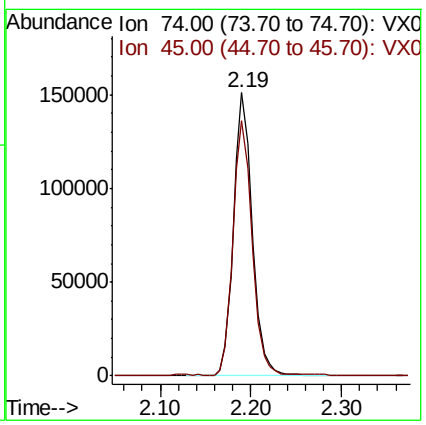


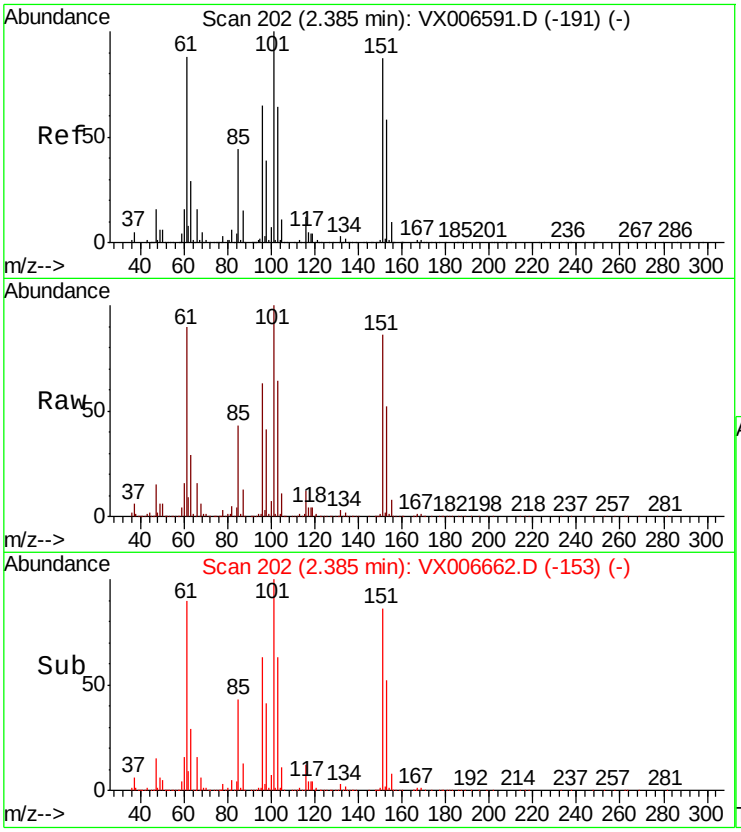




#8
Diethyl Ether
Concen: 46.287 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 74 Resp: 217704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 90.9 | 46.3 | 138.9 |



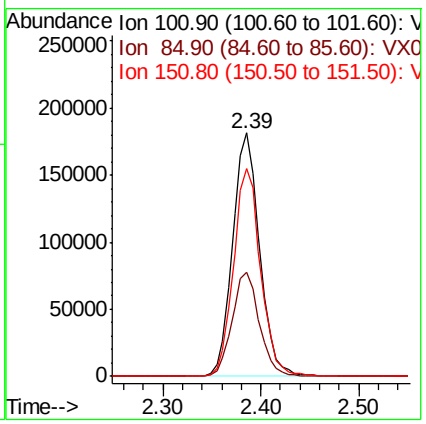


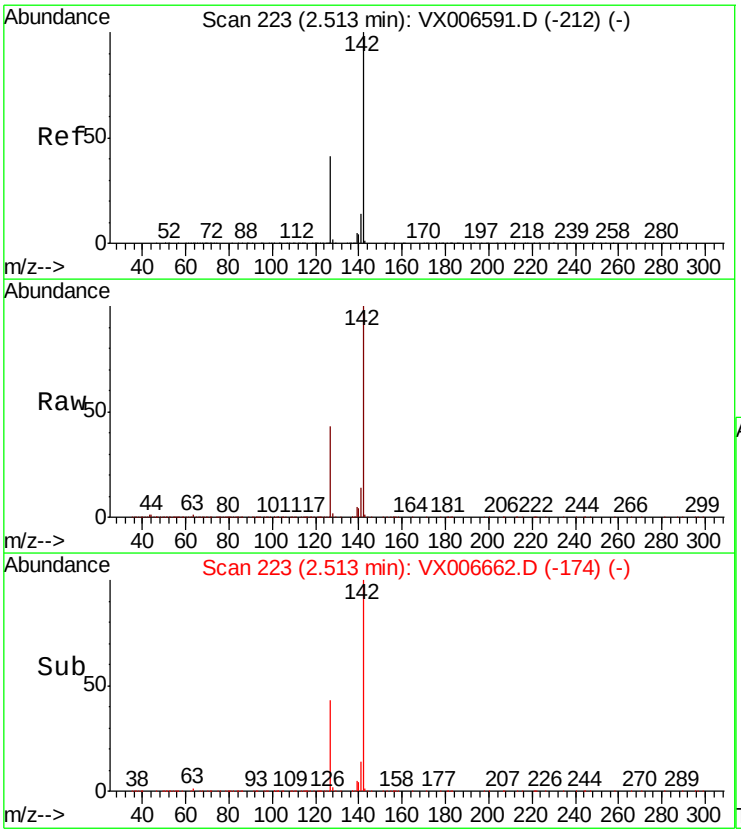

#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.883 ug/l
RT: 2.39 min Scan# 202
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion:101 Resp: 346827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.0 | 35.1 | 52.7 |
| 151 | 85.8 | 68.9 | 103.3 |

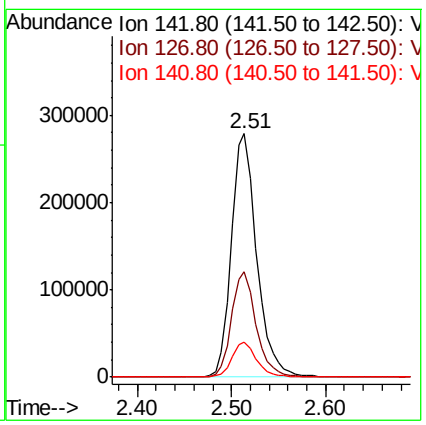


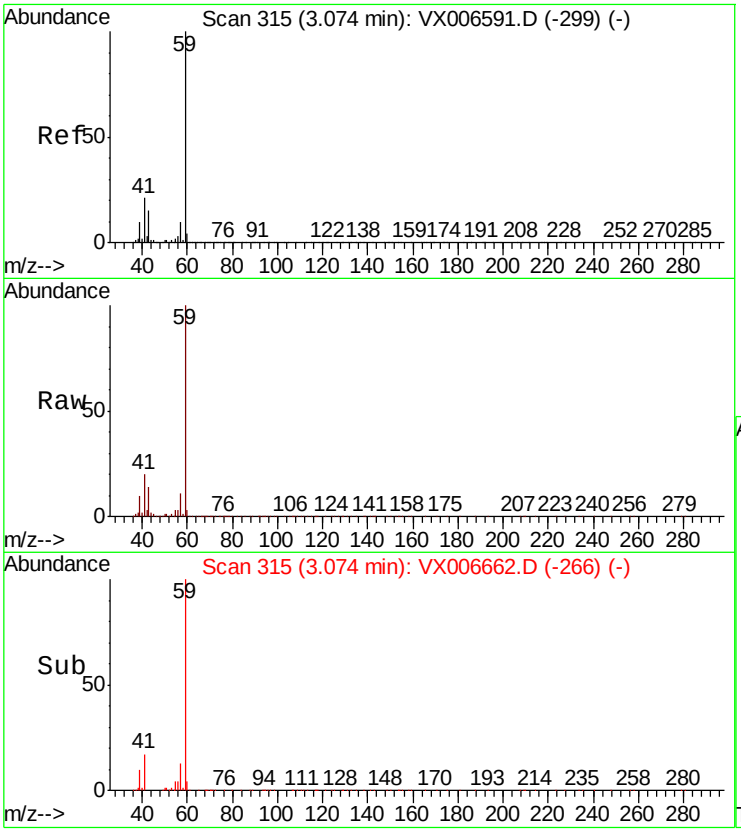




#10
Methyl Iodide
Concen: 52.233 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:142 Resp: 519851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 42.2 | 33.9 | 50.9 |
| 141 | 14.1 | 11.4 | 17.0 |



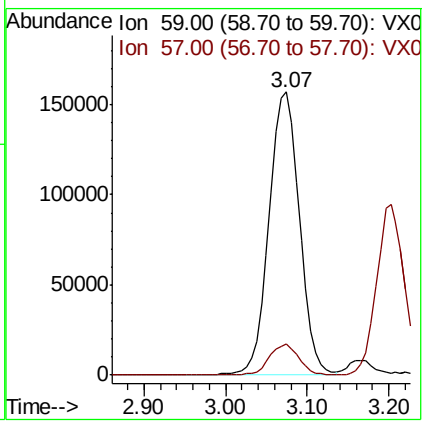


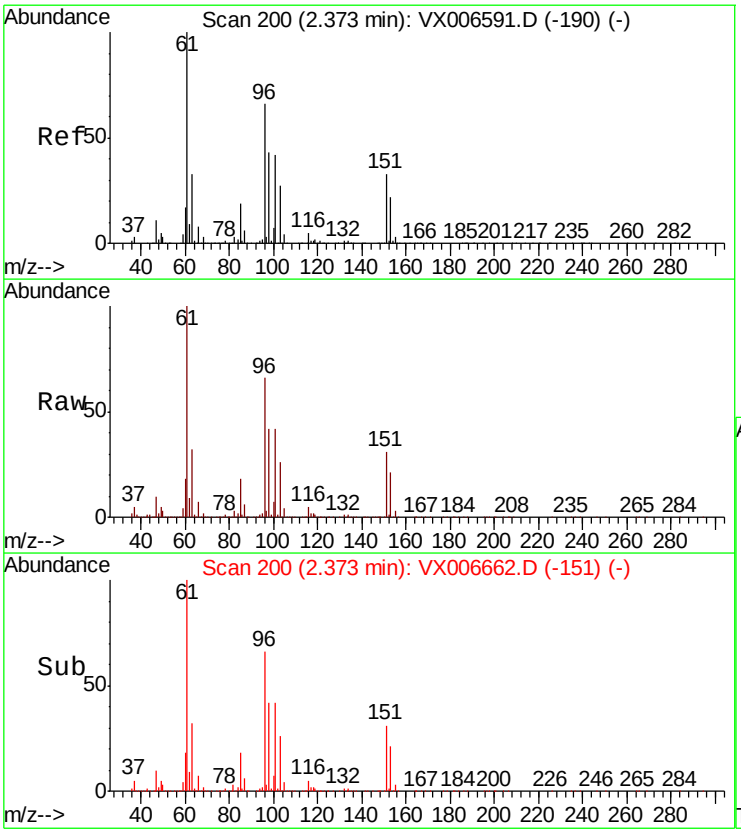

#11
Tert butyl alcohol
Concen: 228.748 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 59 Resp: 405970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.4 | 8.5 | 12.7 |

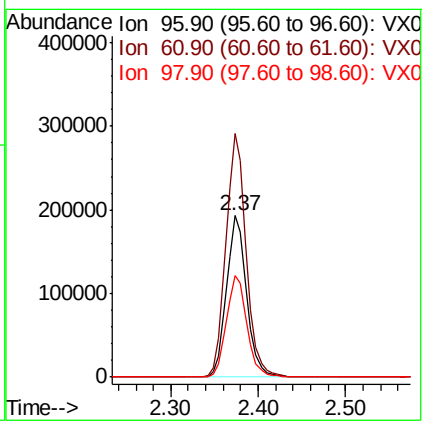


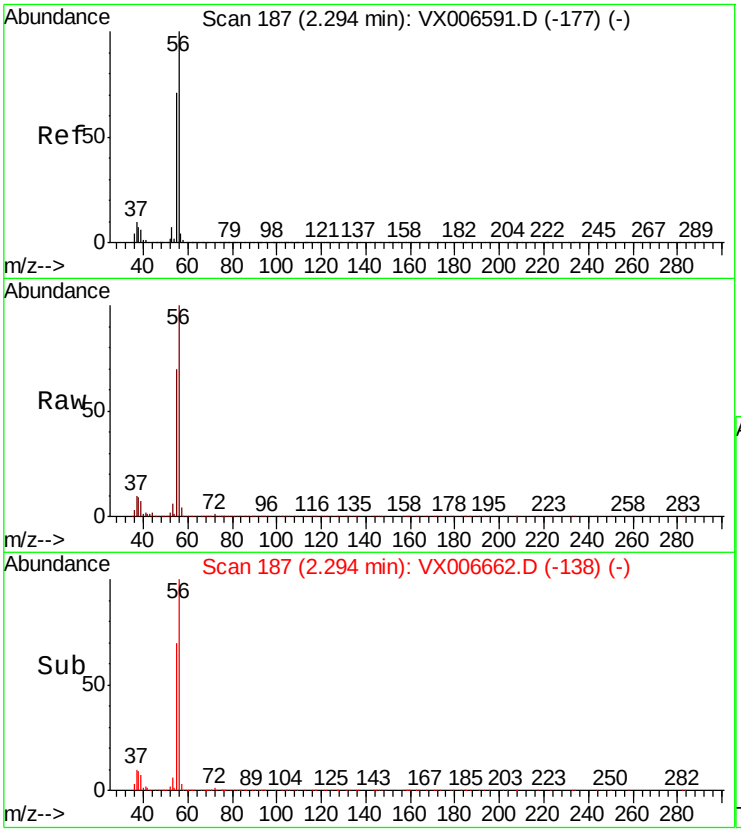




#12
1,1-Dichloroethene
Concen: 46.951 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 96 Resp: 309525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 151.1 | 121.4 | 182.2 |
| 98 | 62.7 | 51.9 | 77.9 |



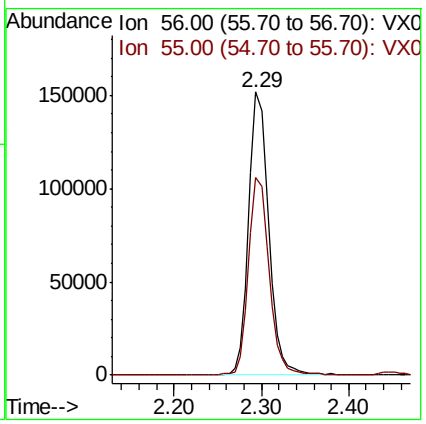


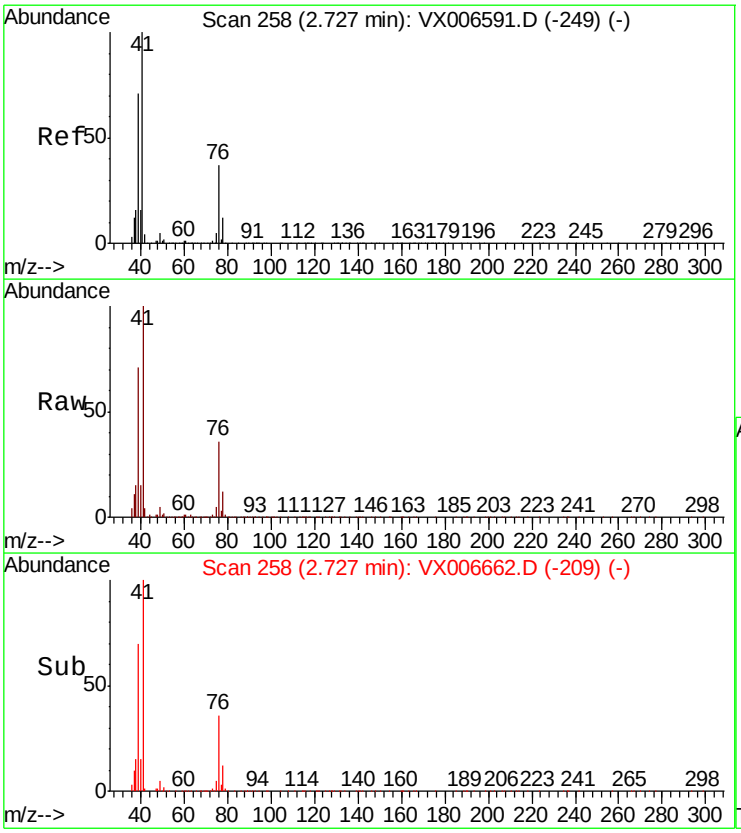

#13
Acrolein
Concen: 201.102 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 56 Resp: 240770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.9 | 58.2 | 87.4 |

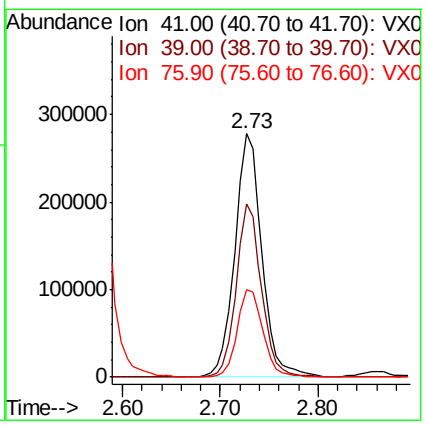


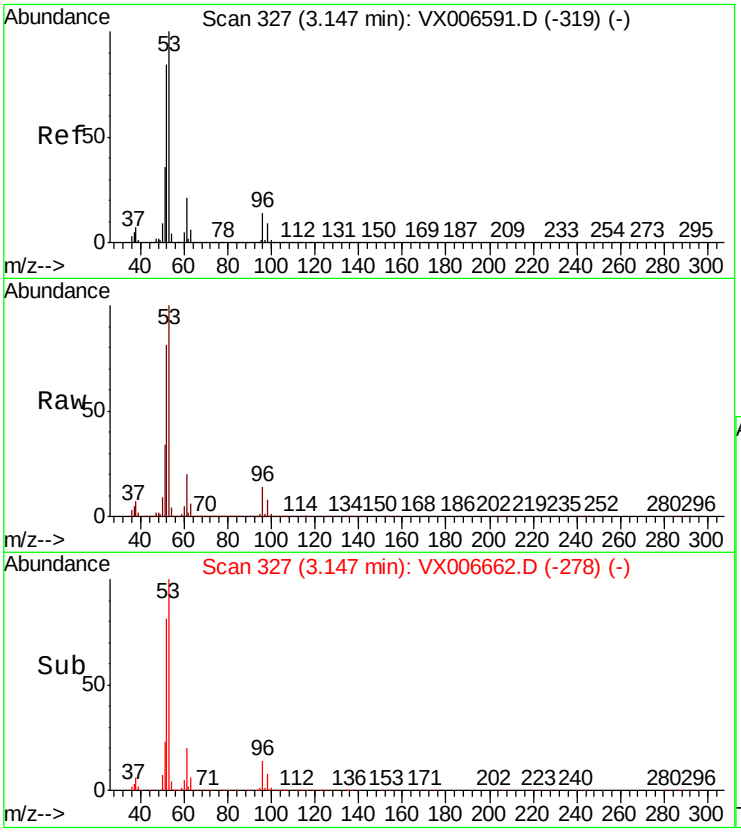




#14
Allyl chloride
Concen: 47.941 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 41 Resp: 531996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 66.0 | 53.6 | 80.4 |
| 76 | 34.0 | 27.4 | 41.2 |



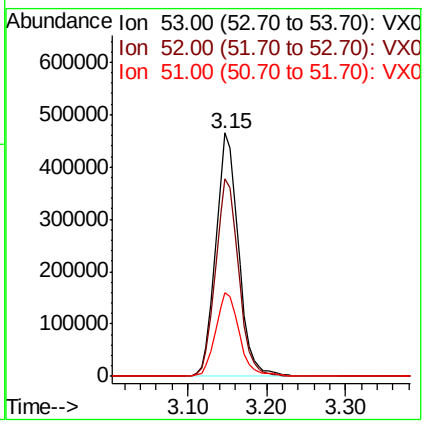


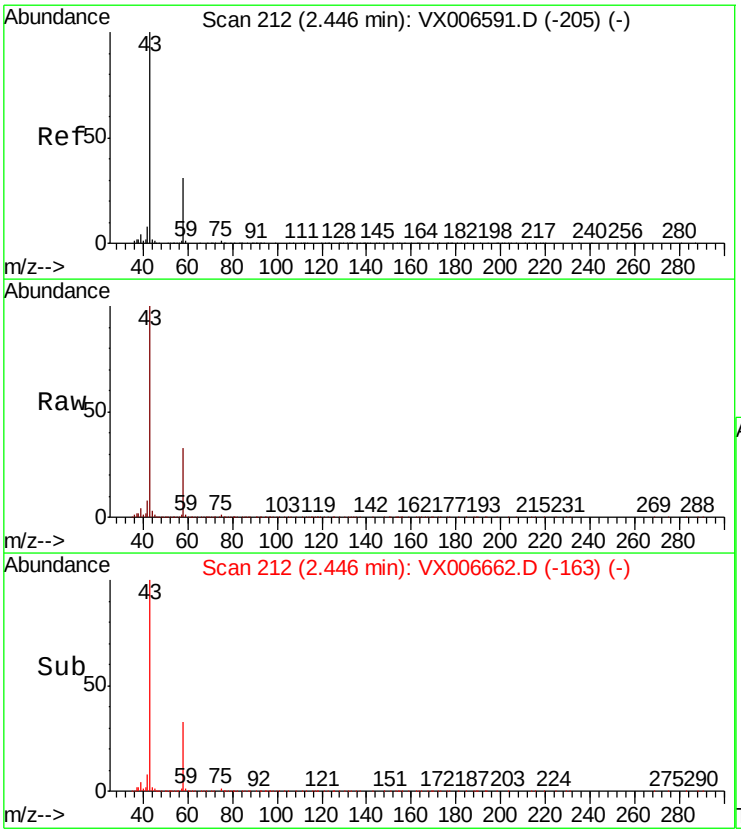

#15
Acrylonitrile
Concen: 236.313 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 53 Resp: 931191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.2 | 66.0 | 99.0 |
| 51 | 35.7 | 28.6 | 42.8 |

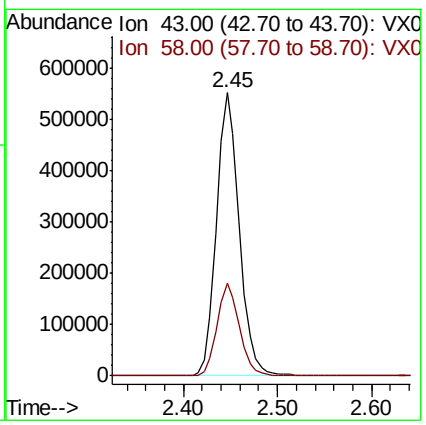


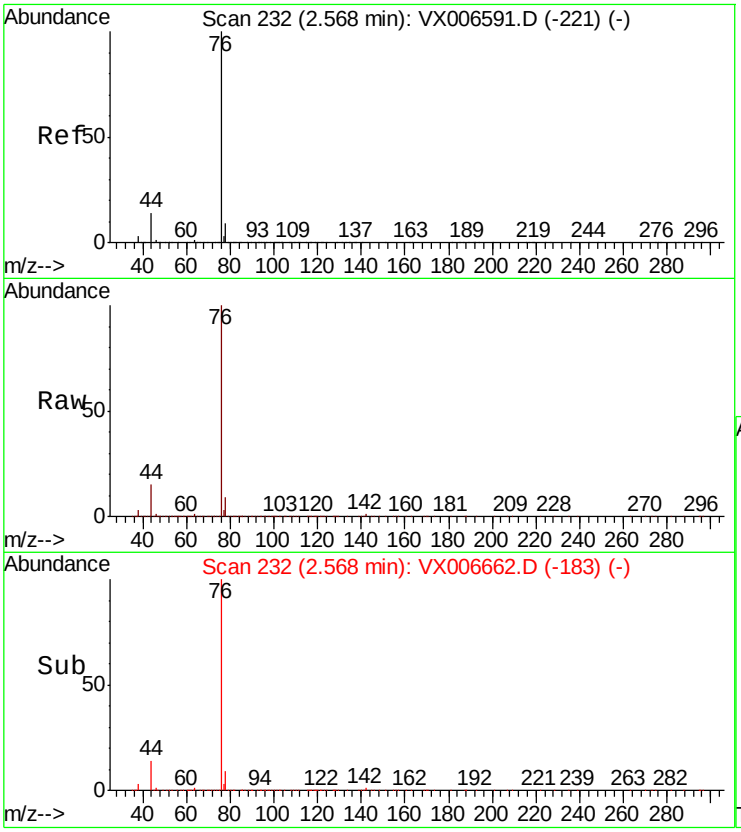




#16
Acetone
Concen: 252.266 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 43 Resp: 921667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.6 | 25.0 | 37.6 |



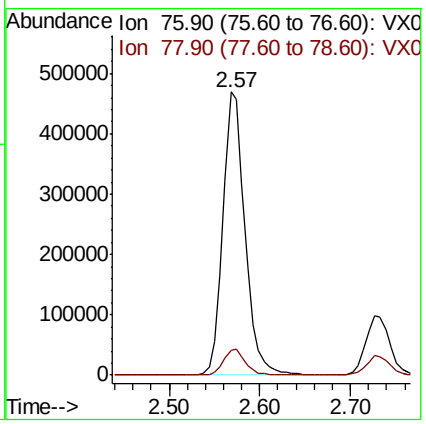


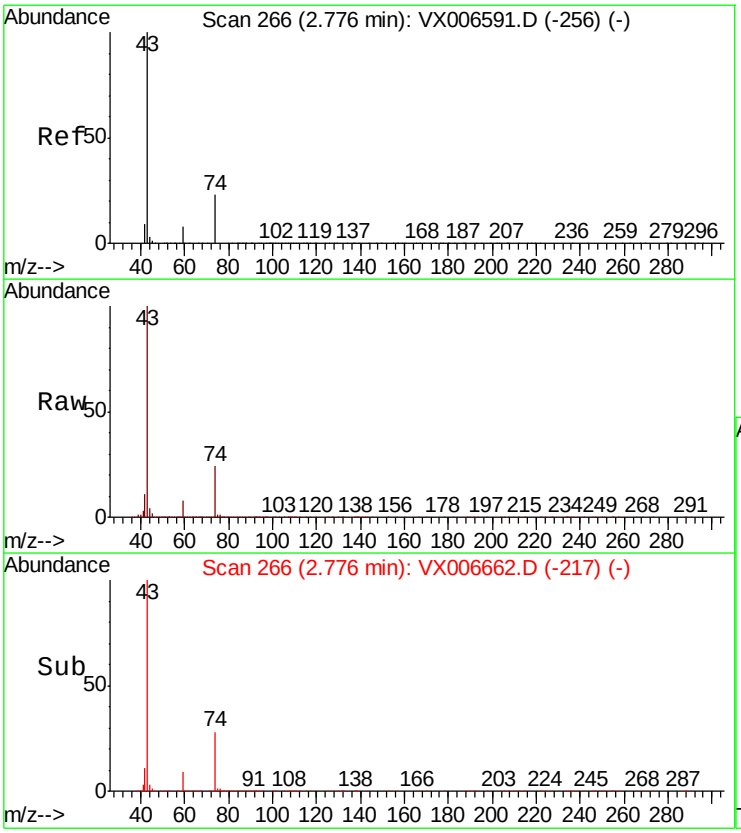

#17
Carbon Disulfide
Concen: 45.397 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 76 Resp: 792014

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

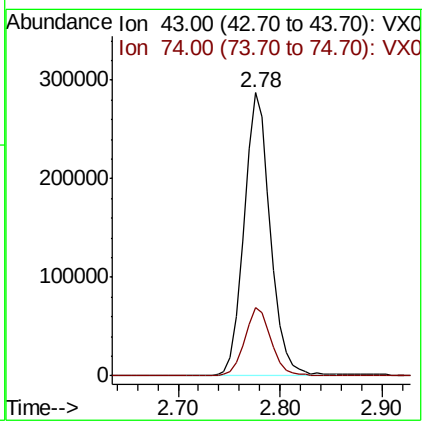


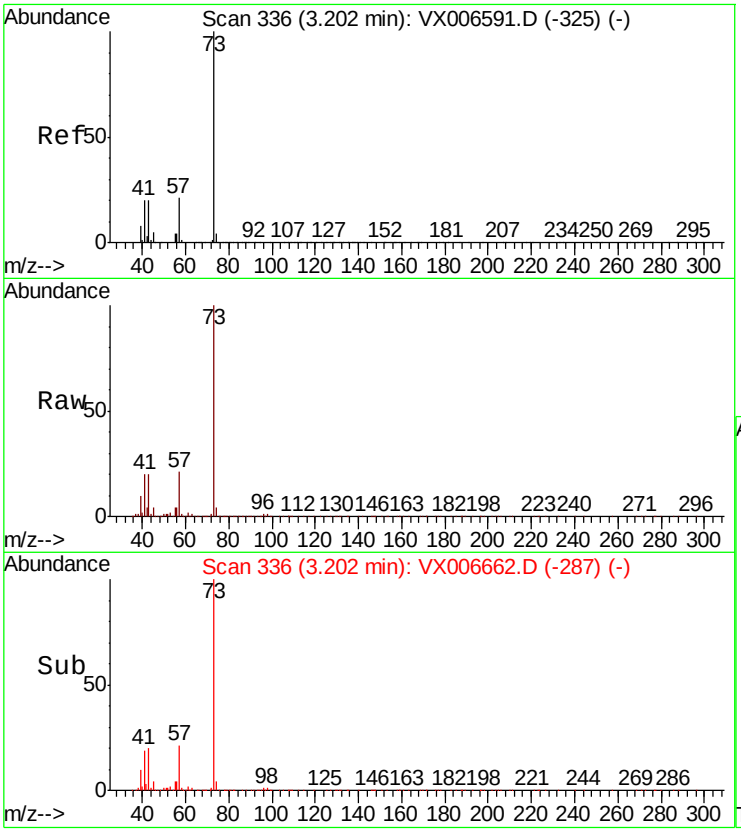




#18
Methyl Acetate
Concen: 47.692 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 43 Resp: 512365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.8 | 18.6 | 28.0 |



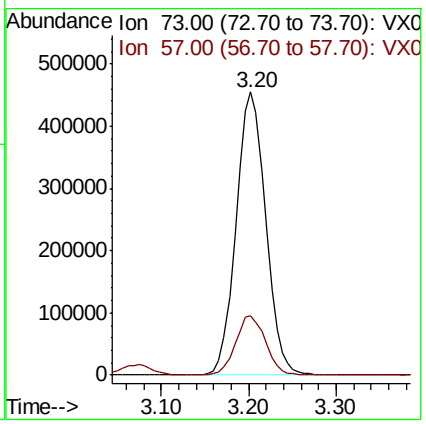


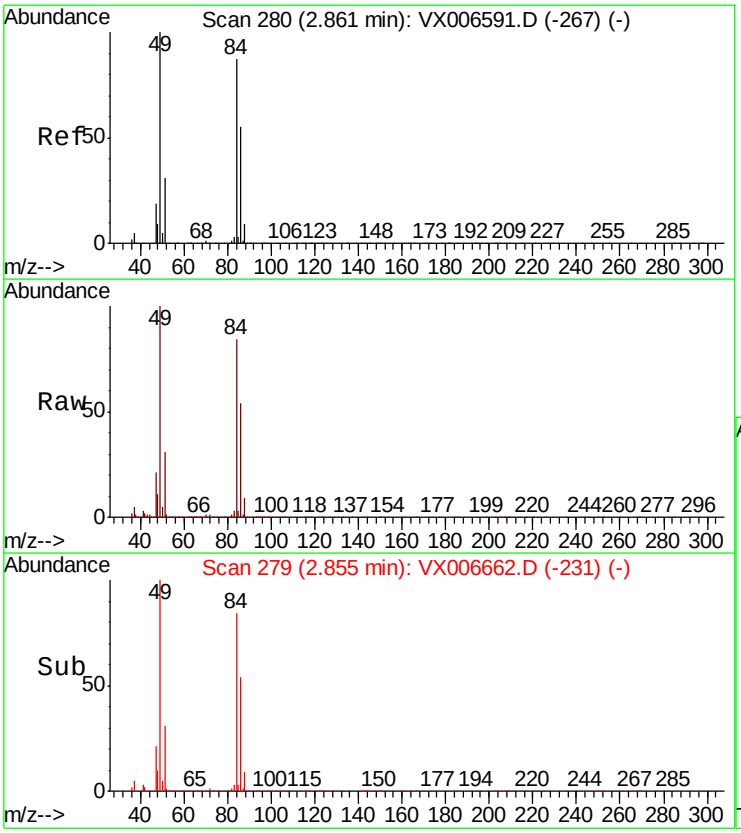

#19
Methyl tert-butyl Ether
Concen: 48.834 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 73 Resp: 1068527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.8 | 16.8 | 25.2 |

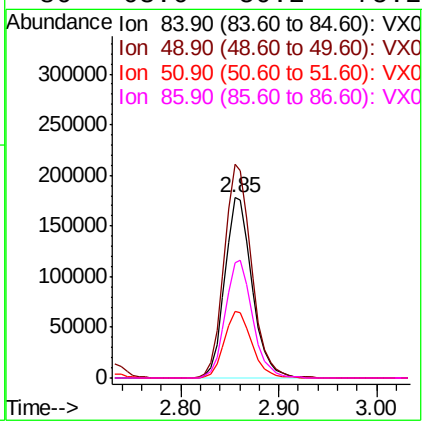


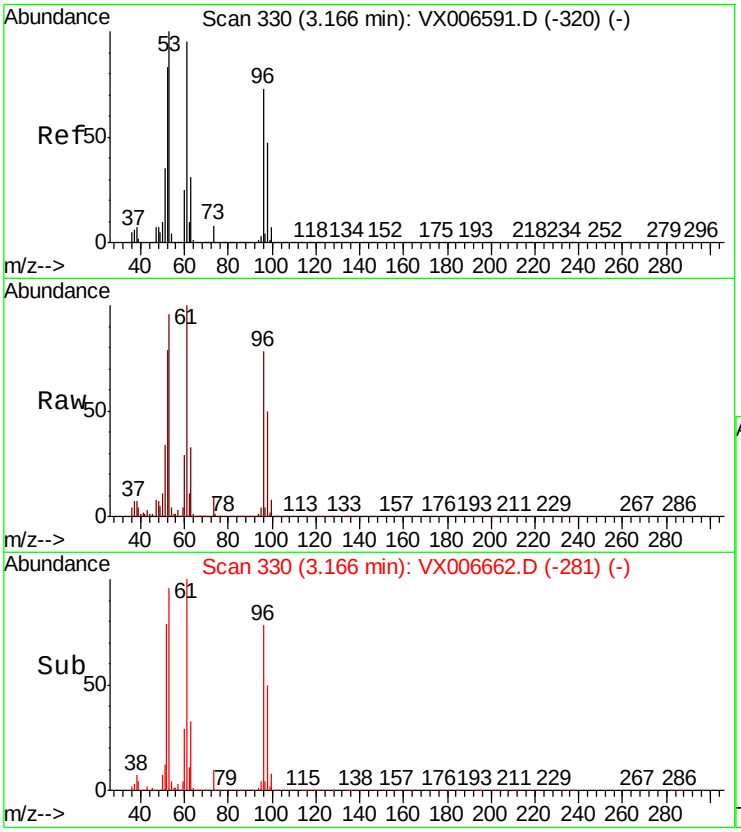




#20
Methylene Chloride
Concen: 45.825 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 84 Resp: 346203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 118.2 | 91.8 | 137.6 |
| 51 | 36.9 | 28.5 | 42.7 |
| 86 | 63.6 | 50.2 | 75.2 |



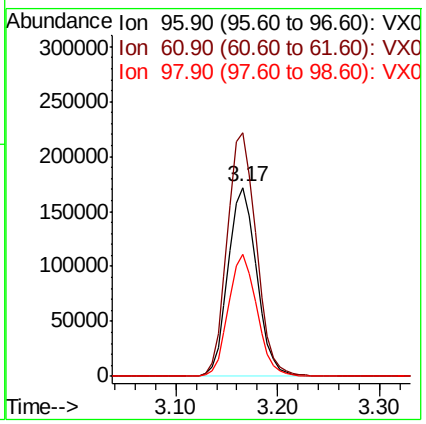


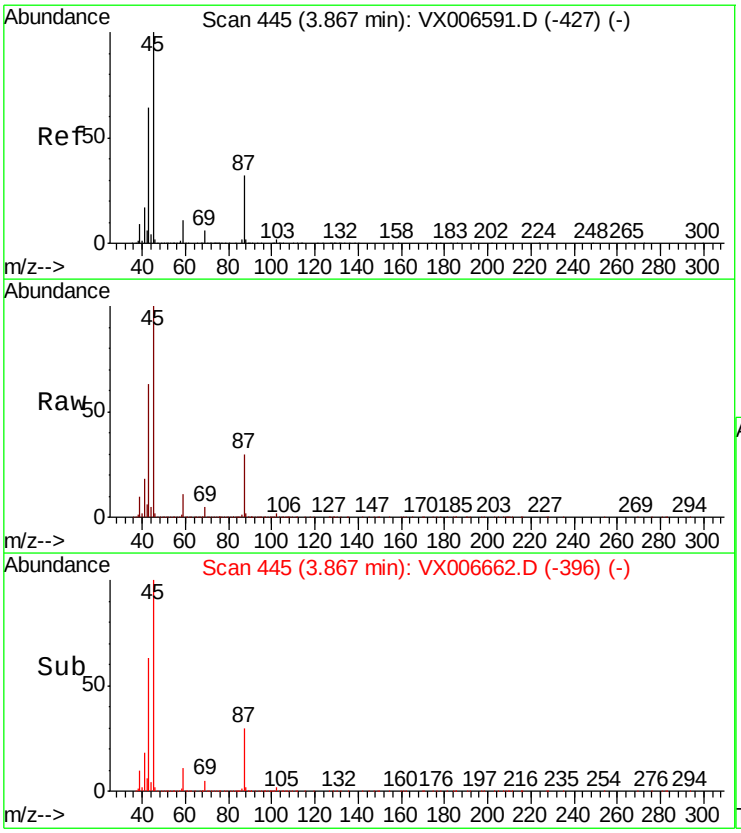

#21
trans-1,2-Dichloroethene
Concen: 45.763 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 96 Resp: 334277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 128.8 | 103.7 | 155.5 |
| 98 | 64.7 | 51.0 | 76.6 |

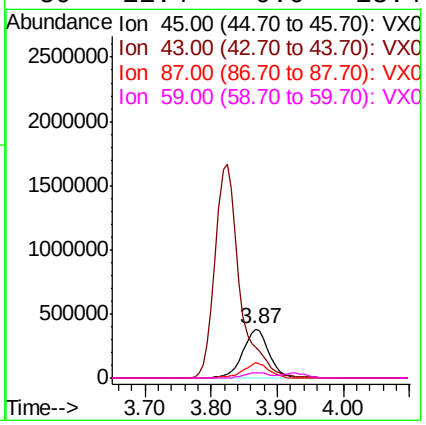


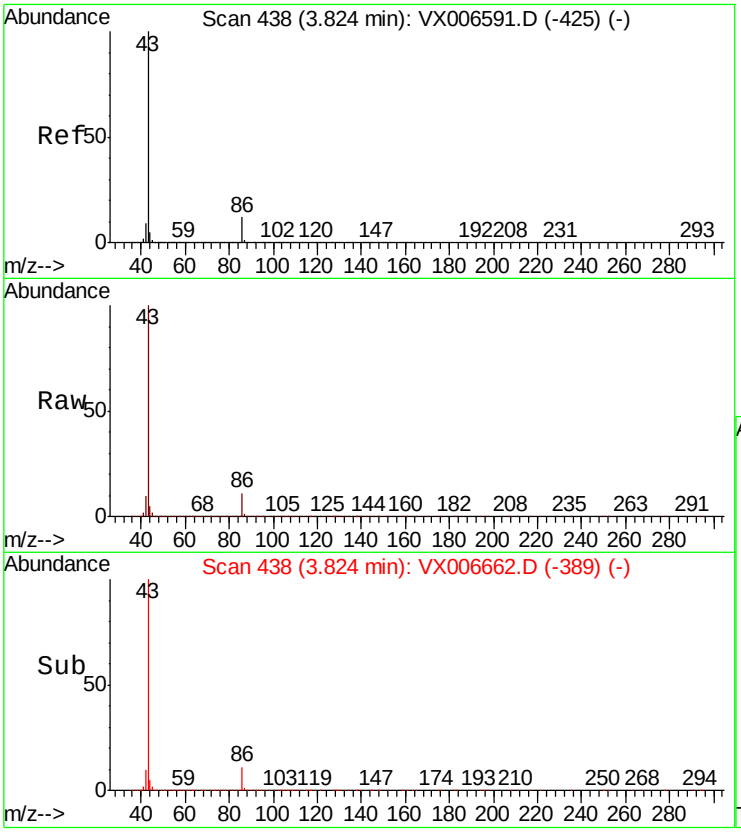




#22
Diisopropyl ether
Concen: 51.112 ug/l
RT: 3.87 min Scan# 445
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 45 Resp: 1037631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 62.5 | 51.2 | 76.8 |
| 87 | 30.2 | 25.8 | 38.6 |
| 59 | 11.4 | 9.0 | 13.4 |



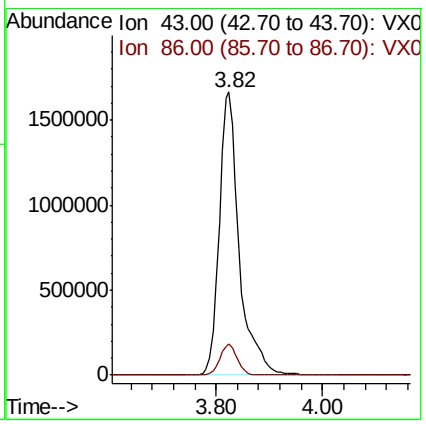


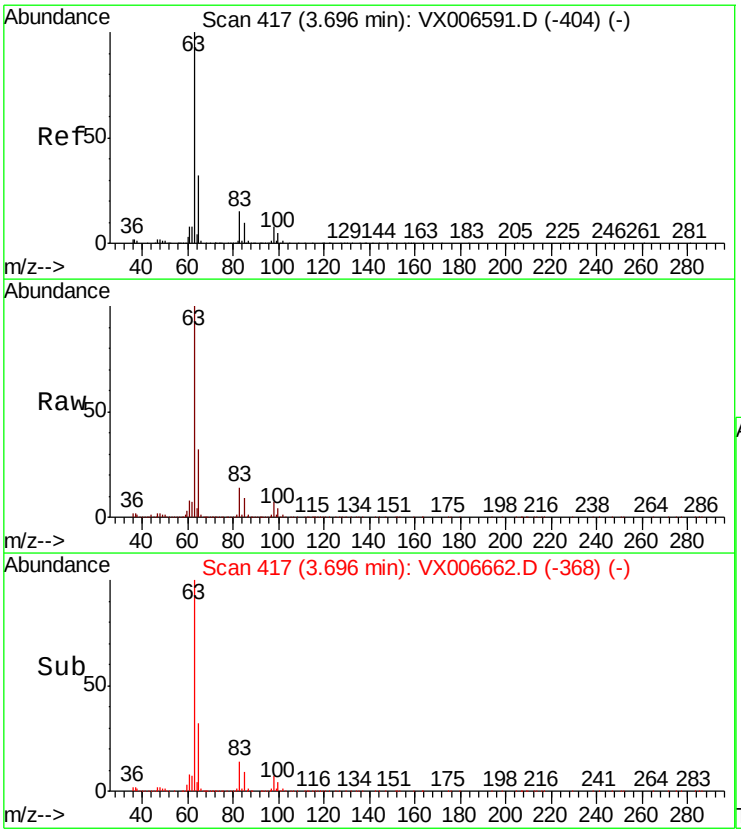

#23
Vinyl Acetate
Concen: 262.498 ug/l
RT: 3.82 min Scan# 438
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 43 Resp: 4358933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.2 | 9.2 | 13.8 |

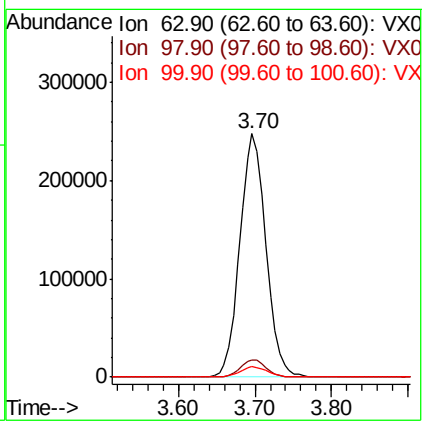


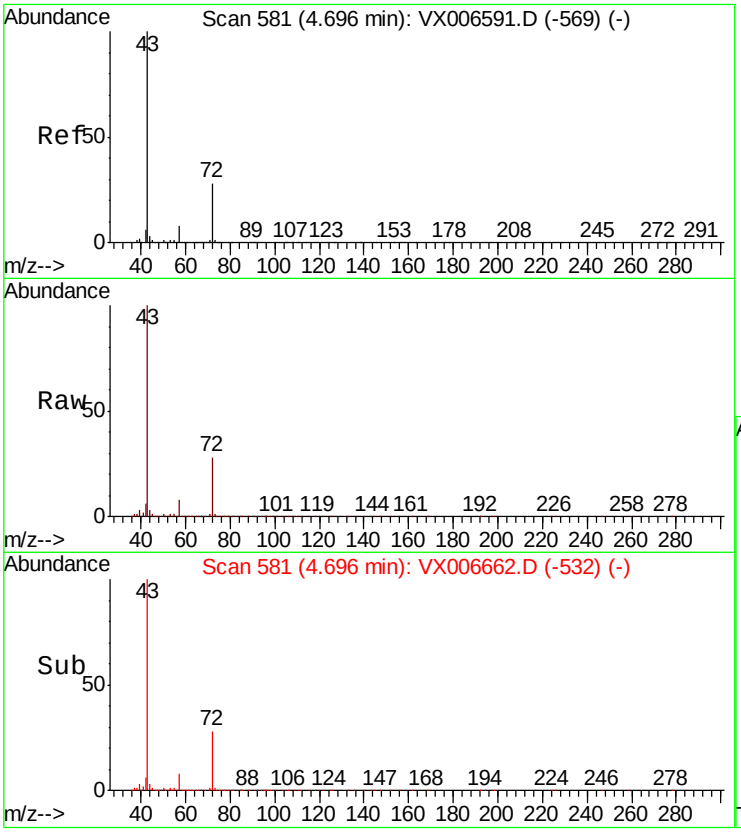




#24
1,1-Dichloroethane
Concen: 48.449 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 63 Resp: 587139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.0 | 3.9 | 11.5 |
| 100 | 4.3 | 2.4 | 7.2 |

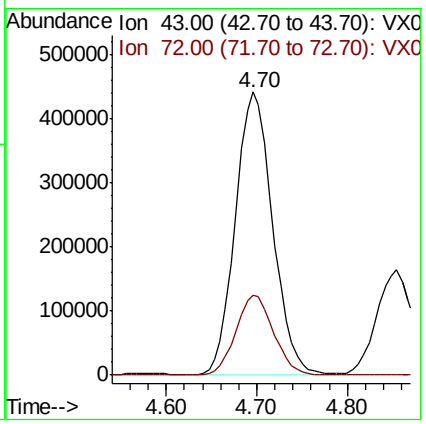




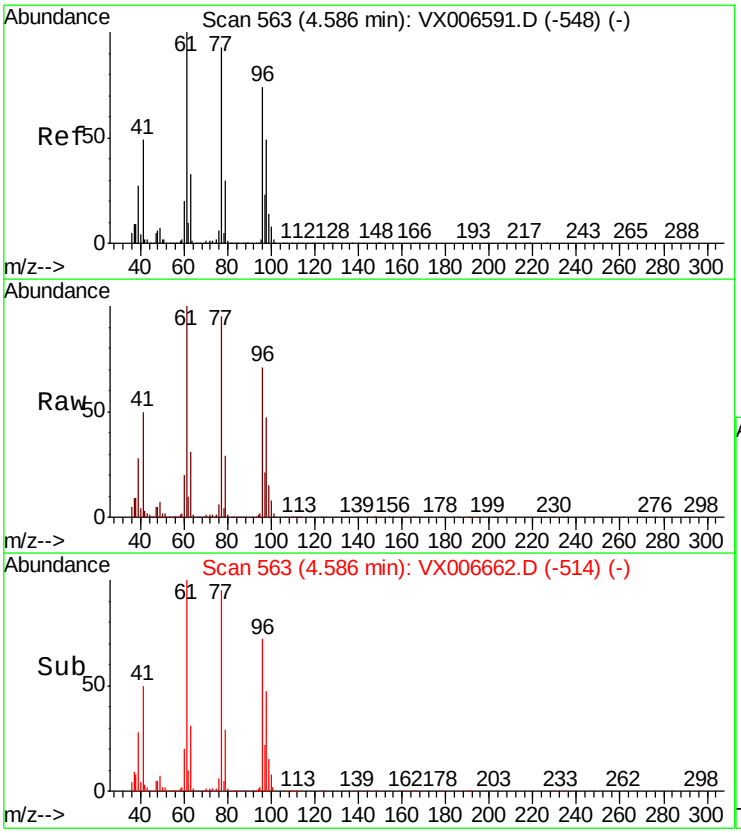

#25
2-Butanone
Concen: 244.325 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 43 Resp: 1255633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.2 | 22.4 | 33.6 |



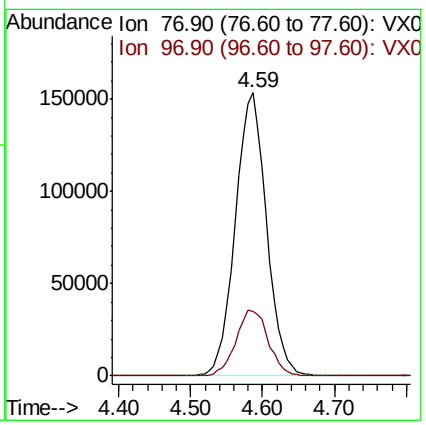

**Instrument :**
MSVOA_X
**ClientSampleId :**

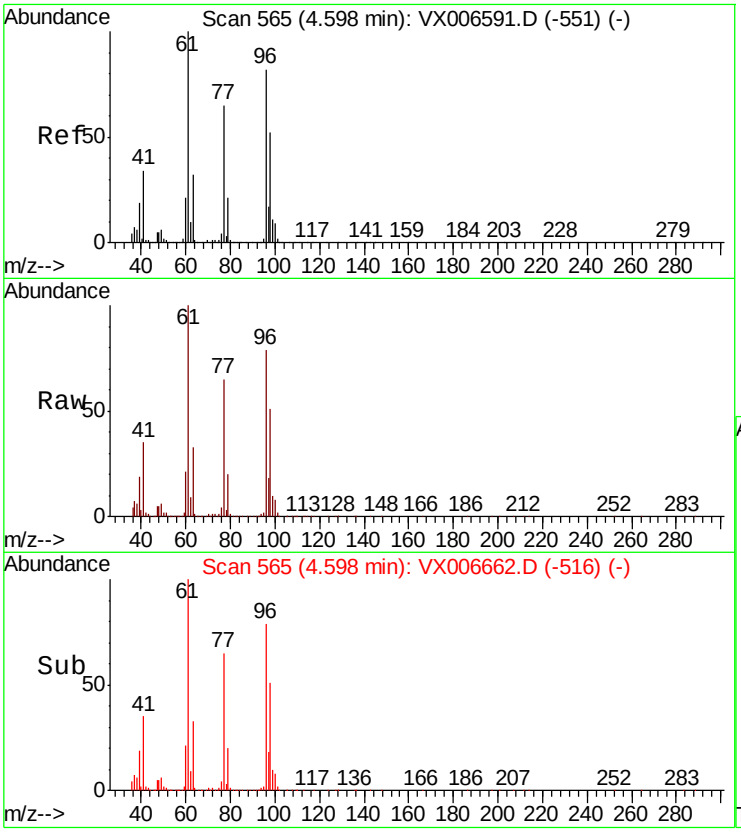



#26
2,2-Dichloropropane
Concen: 49.223 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 77 Resp: 460792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 24.2 | 12.4 | 37.4 |



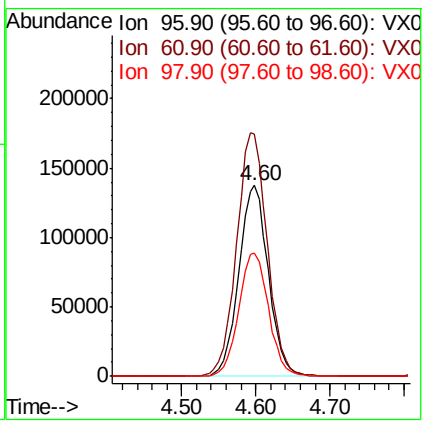


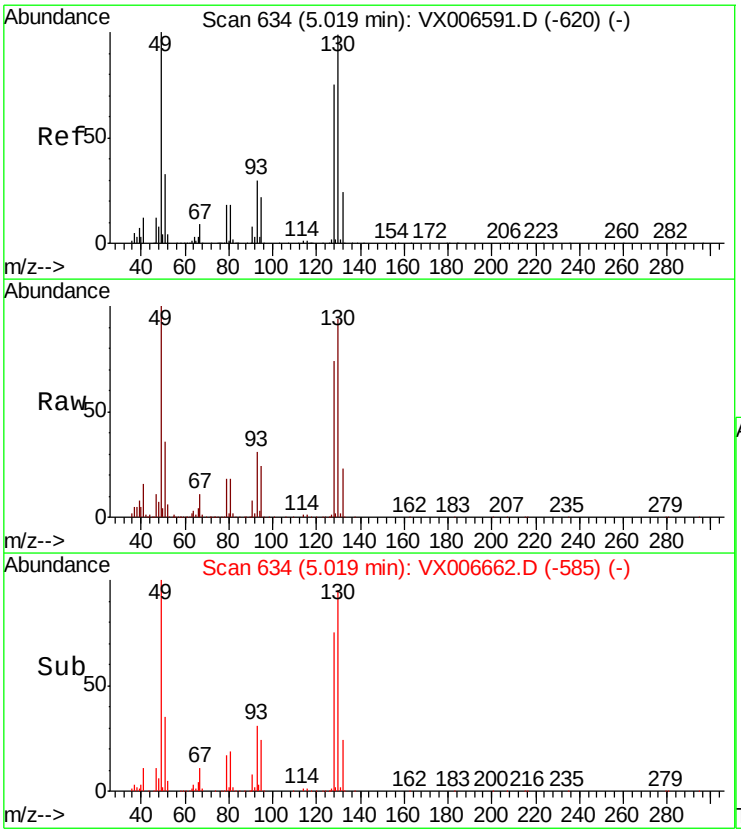

#27
cis-1,2-Dichloroethene
Concen: 47.408 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 96 Resp: 382076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 132.9 | 0.0 | 258.6 |
| 98 | 65.6 | 0.0 | 132.0 |

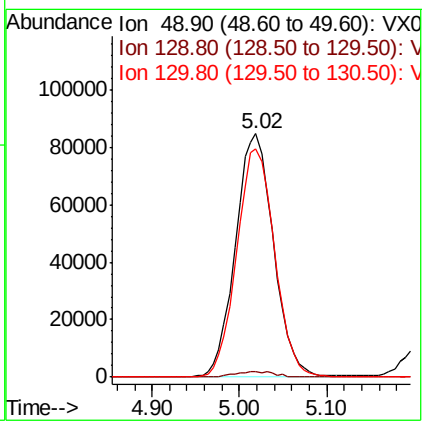


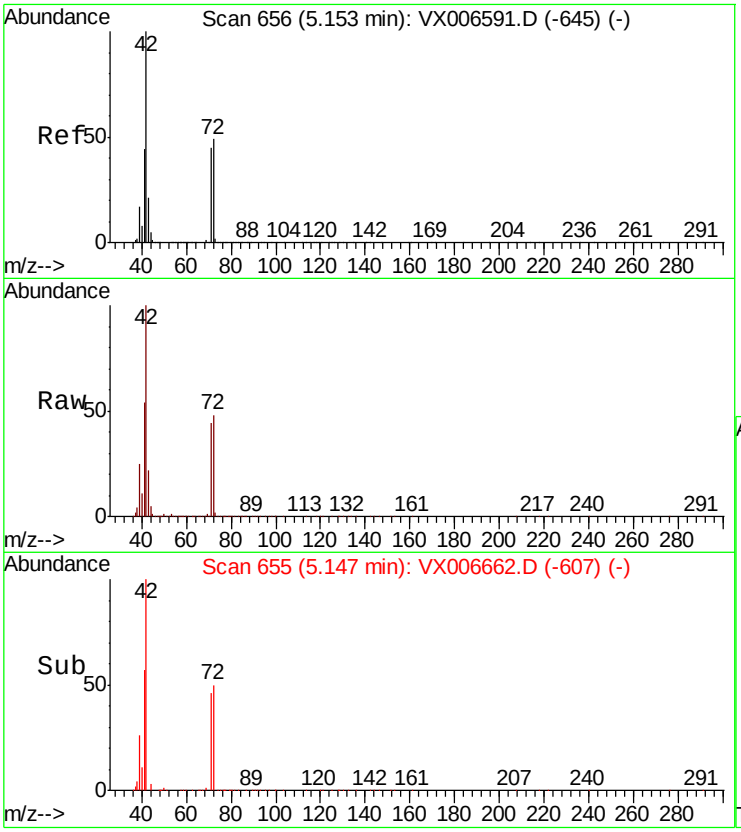




#28
Bromochloromethane
Concen: 49.841 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 49 Resp: 254646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.4 | 0.0 | 5.4 |
| 130 | 94.0 | 77.7 | 116.5 |



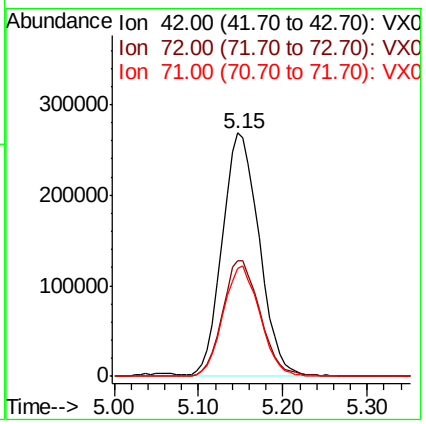


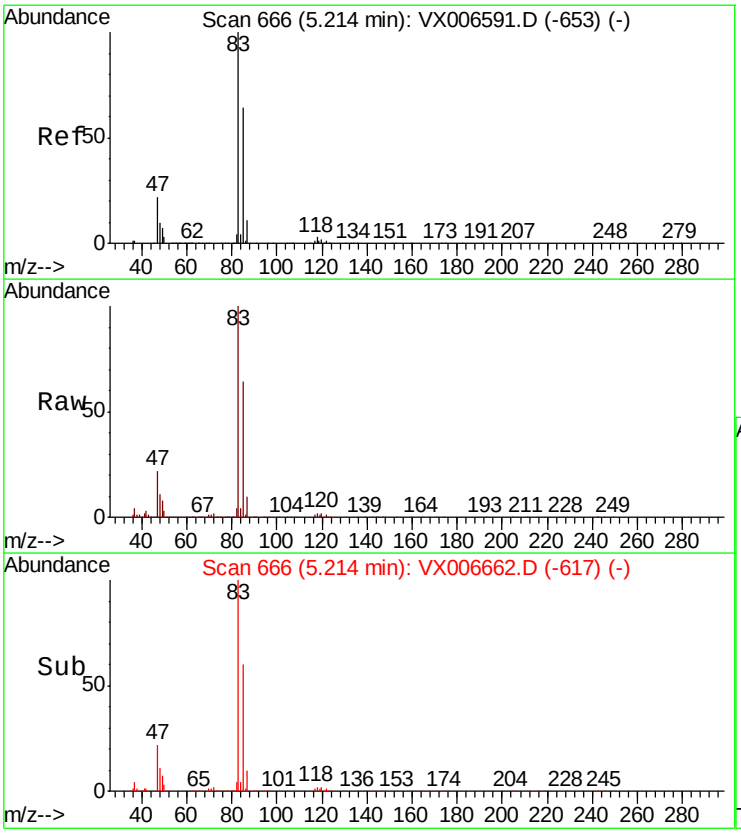

#29
Tetrahydrofuran
Concen: 236.080 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 42 Resp: 799090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 48.6 | 38.9 | 58.3 |
| 71 | 45.3 | 36.2 | 54.4 |

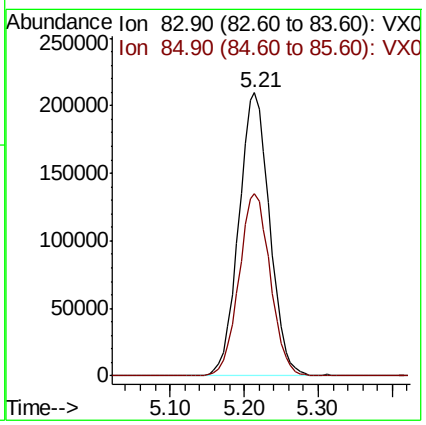


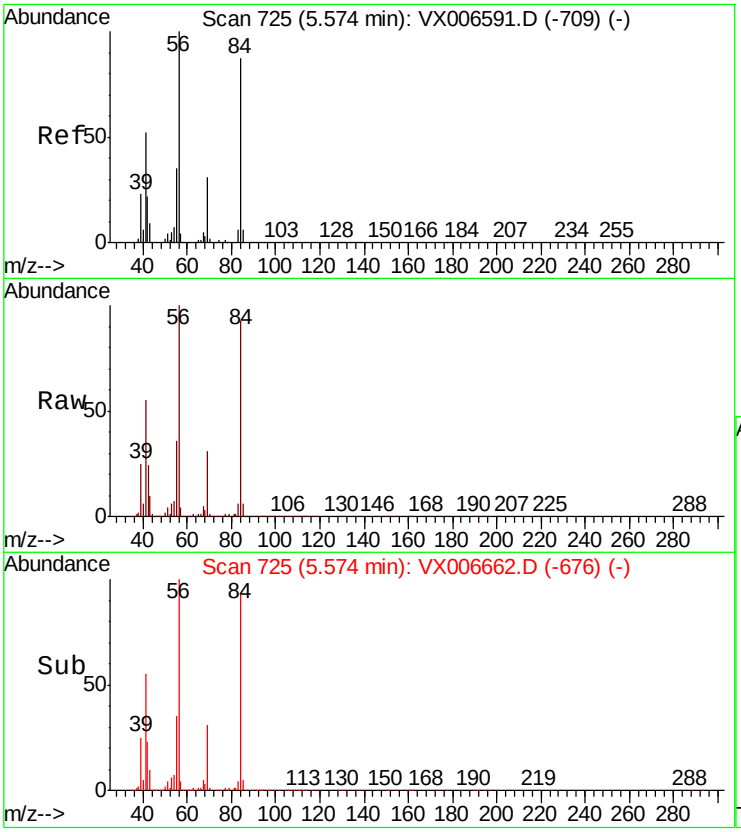




#30
Chloroform
Concen: 48.590 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 83 Resp: 609790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.4 | 51.2 | 76.8 |



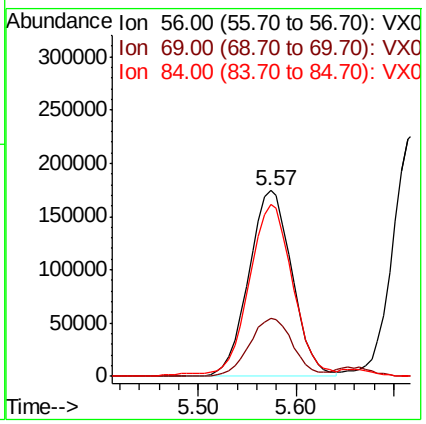


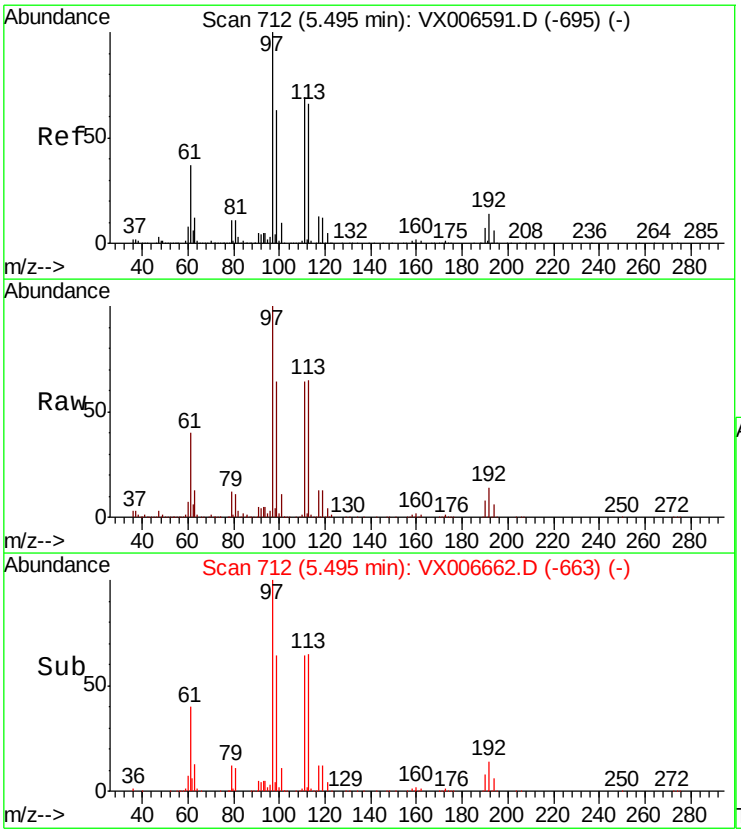

#31
Cyclohexane
Concen: 48.570 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 56 Resp: 534736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.1 | 24.4 | 36.6 |
| 84 | 91.2 | 70.0 | 105.0 |

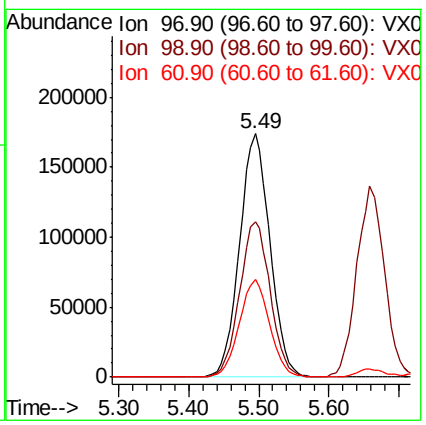


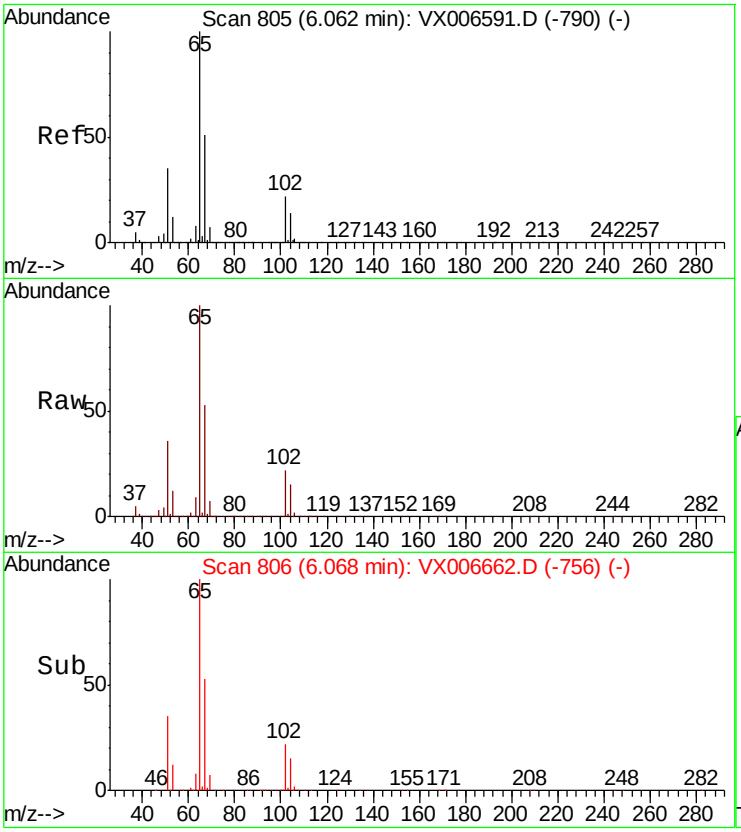




#32
1,1,1-Trichloroethane
Concen: 49.591 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 97 Resp: 525504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.4 | 51.7 | 77.5 |
| 61 | 39.5 | 31.3 | 46.9 |



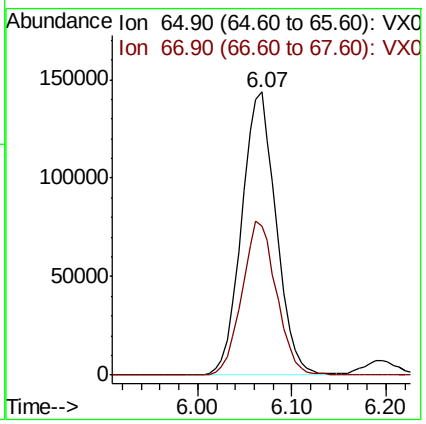


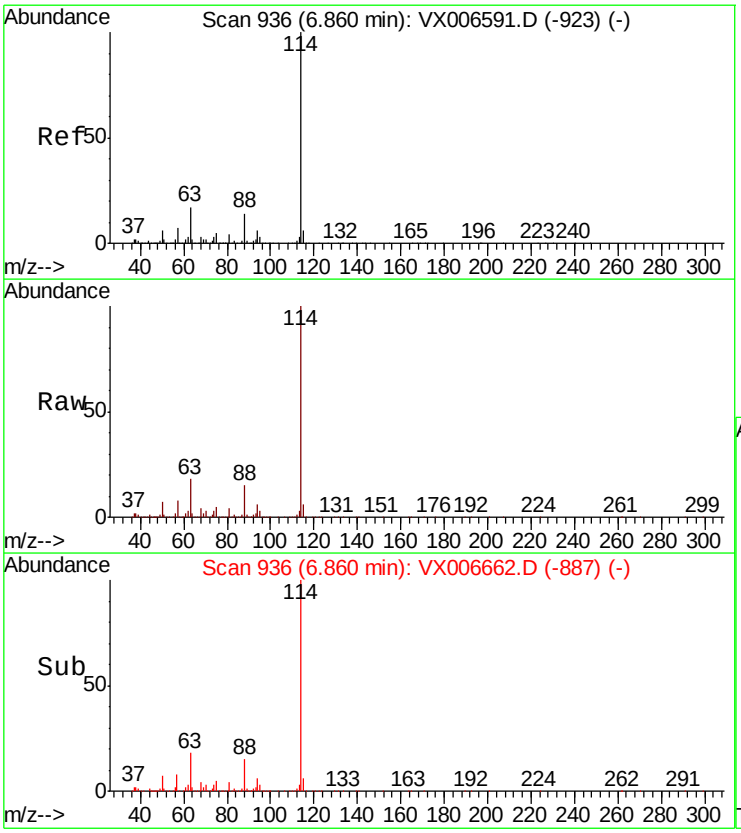

#33
1,2-Dichloroethane-d4
Concen: 46.355 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 65 Resp: 368630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.9 | 0.0 | 105.0 |

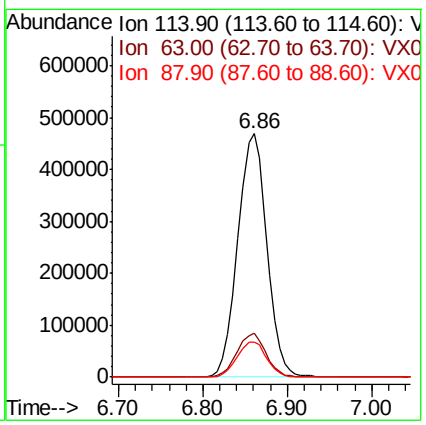


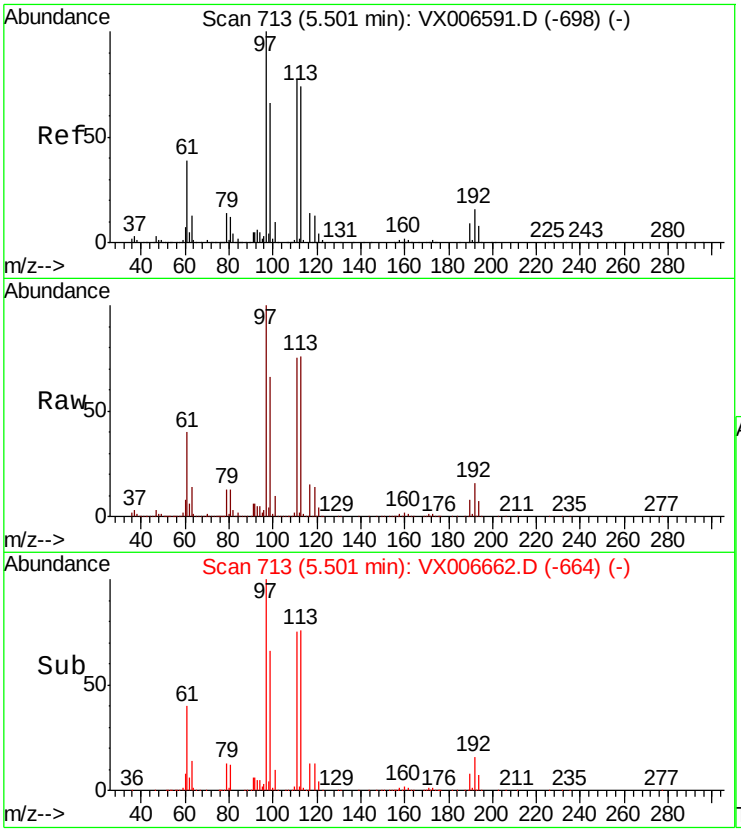




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:114 Resp: 1095979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.2 | 0.0 | 34.8 |
| 88 | 14.6 | 0.0 | 28.8 |



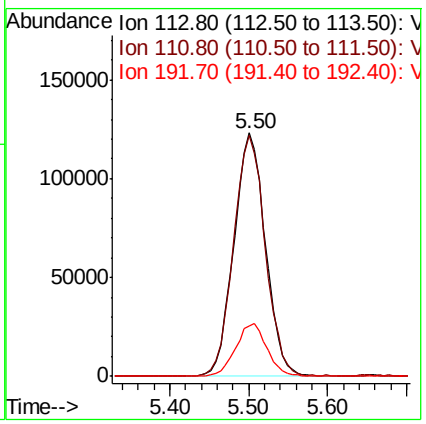


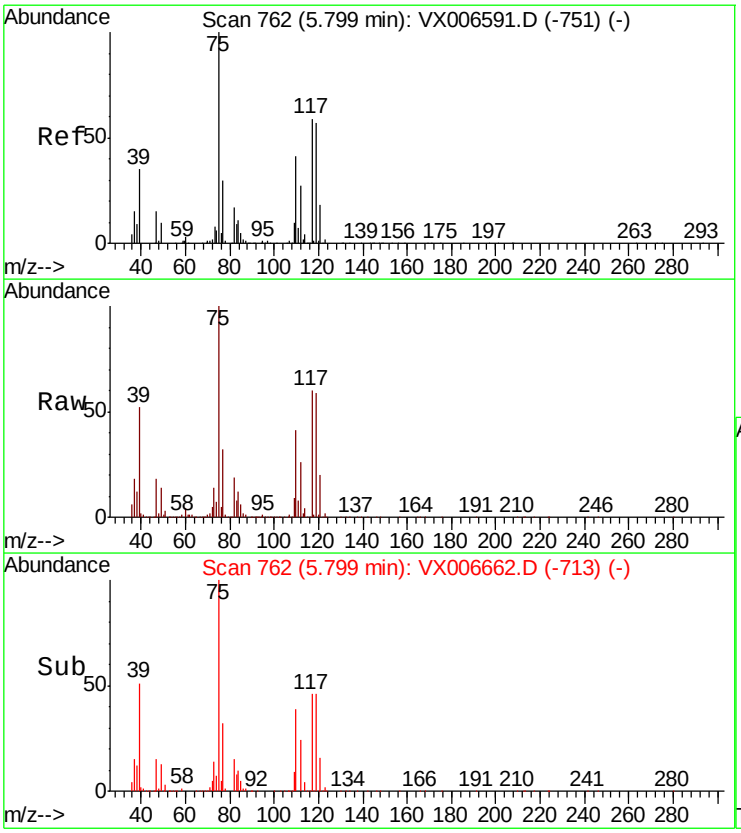

#35
Dibromofluoromethane
Concen: 49.433 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion:113 Resp: 342606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 99.4 | 81.6 | 122.4 |
| 192 | 21.4 | 16.7 | 25.1 |

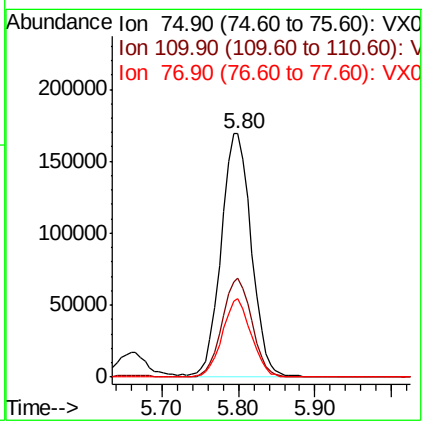


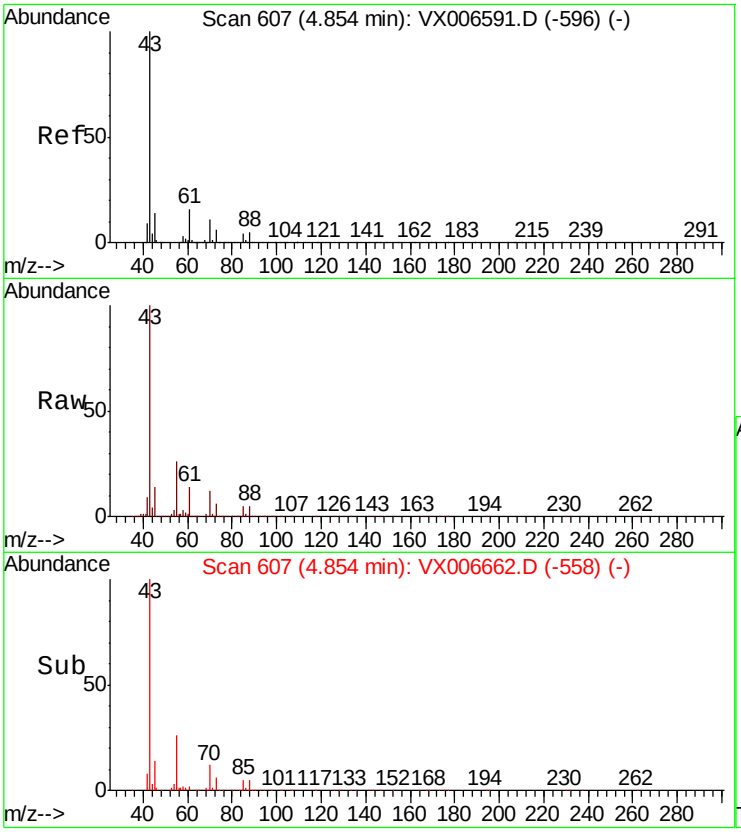




#36
1,1-Dichloropropene
Concen: 50.702 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 75 Resp: 460237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 40.1 | 20.2 | 60.5 |
| 77 | 30.8 | 24.8 | 37.2 |



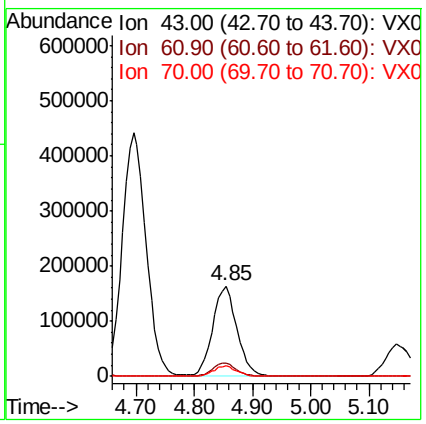


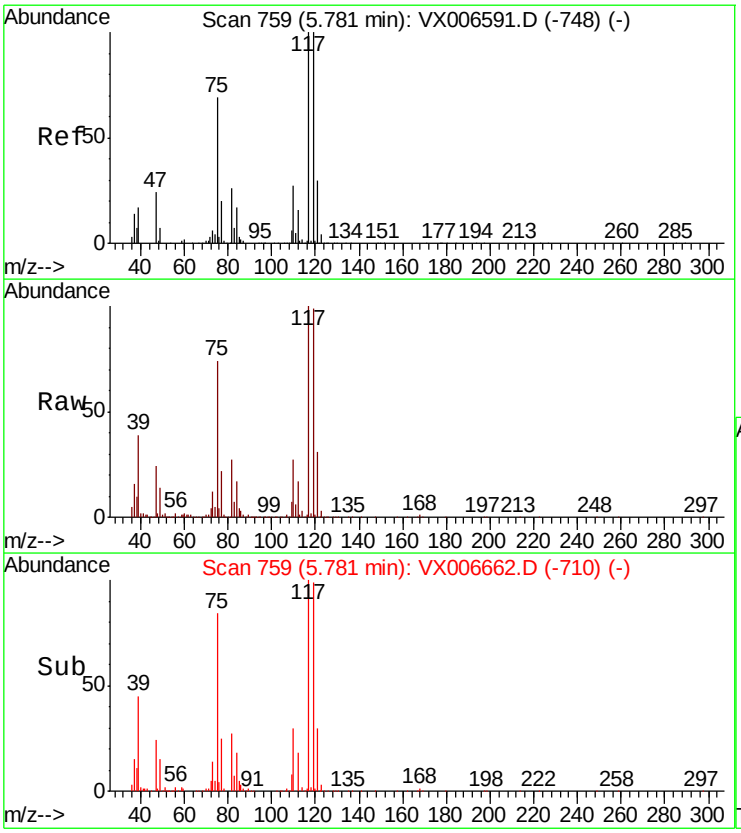

#37
Ethyl Acetate
Concen: 49.836 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 43 Resp: 470842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.1 | 11.9 | 17.9 |
| 70 | 11.2 | 9.7 | 14.5 |

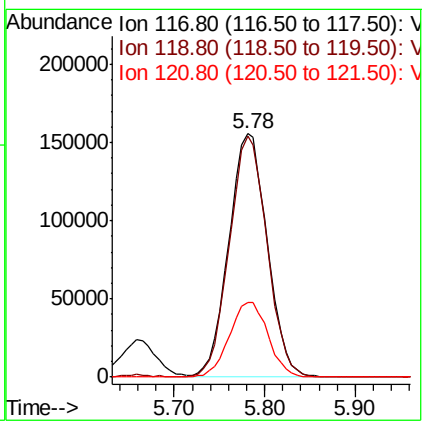


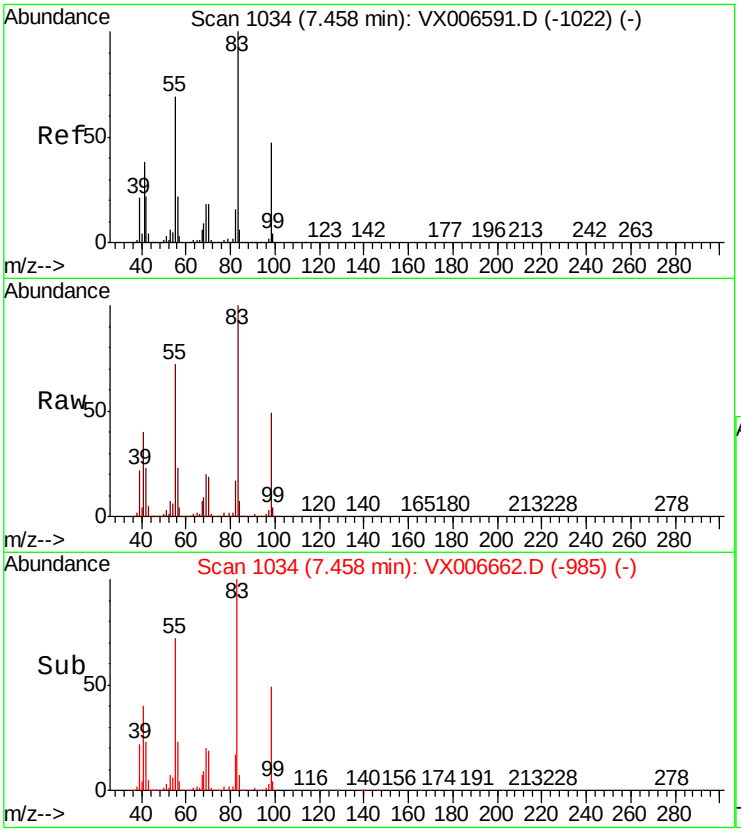




#38
Carbon Tetrachloride
Concen: 51.782 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:117 Resp: 456805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 99.1 | 79.4 | 119.2 |
| 121 | 30.8 | 24.0 | 36.0 |



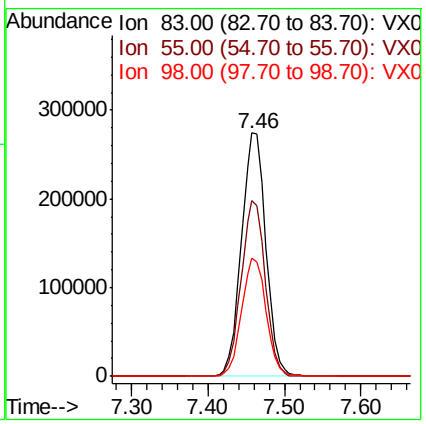


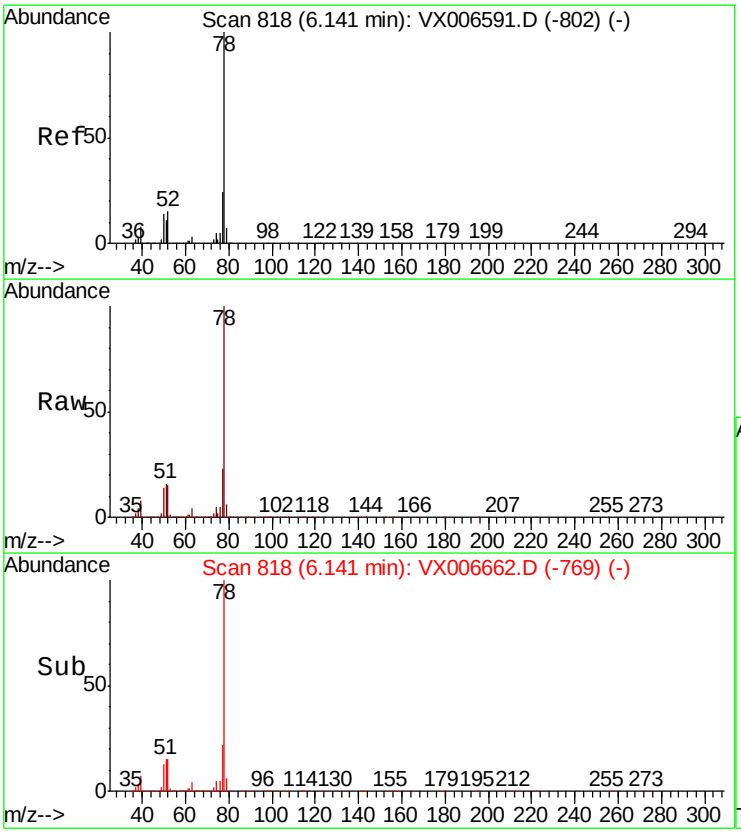

#39
Methylcyclohexane
Concen: 51.070 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 83 Resp: 610308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 72.4 | 54.9 | 82.3 |
| 98 | 48.7 | 37.9 | 56.9 |

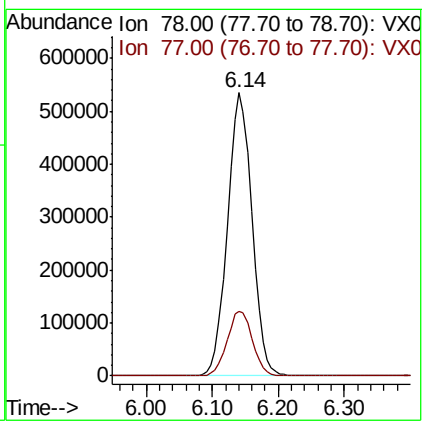


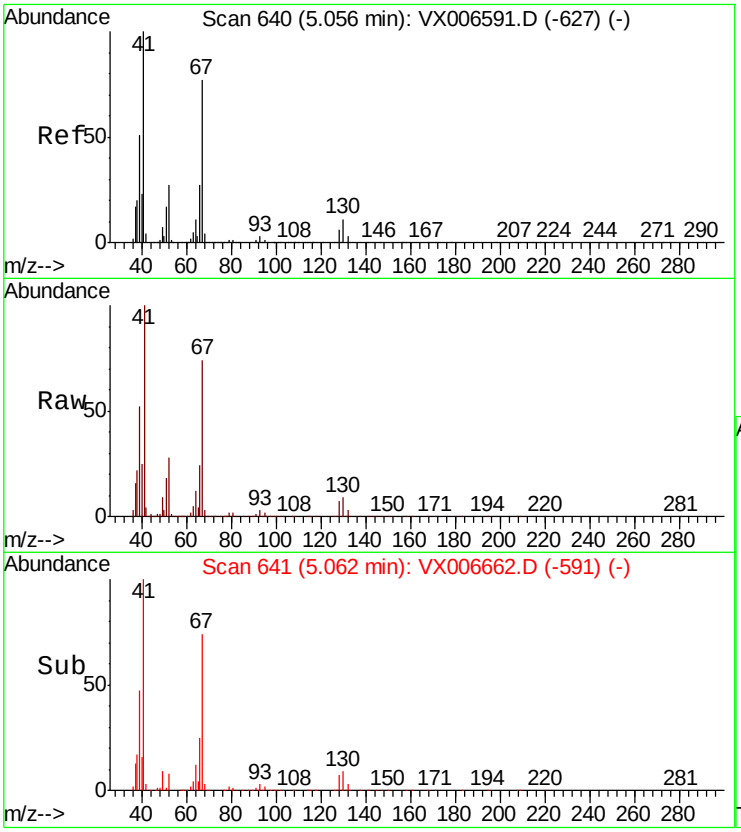




#40
Benzene
Concen: 49.805 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 78 Resp: 1374214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.8 | 19.2 | 28.8 |



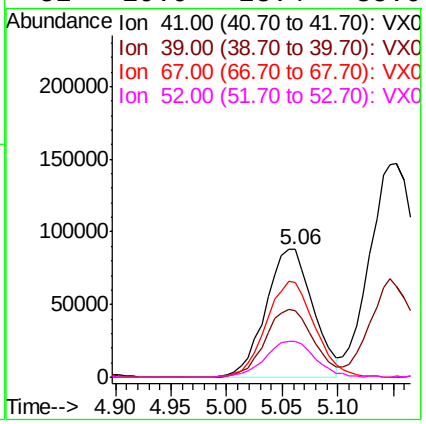


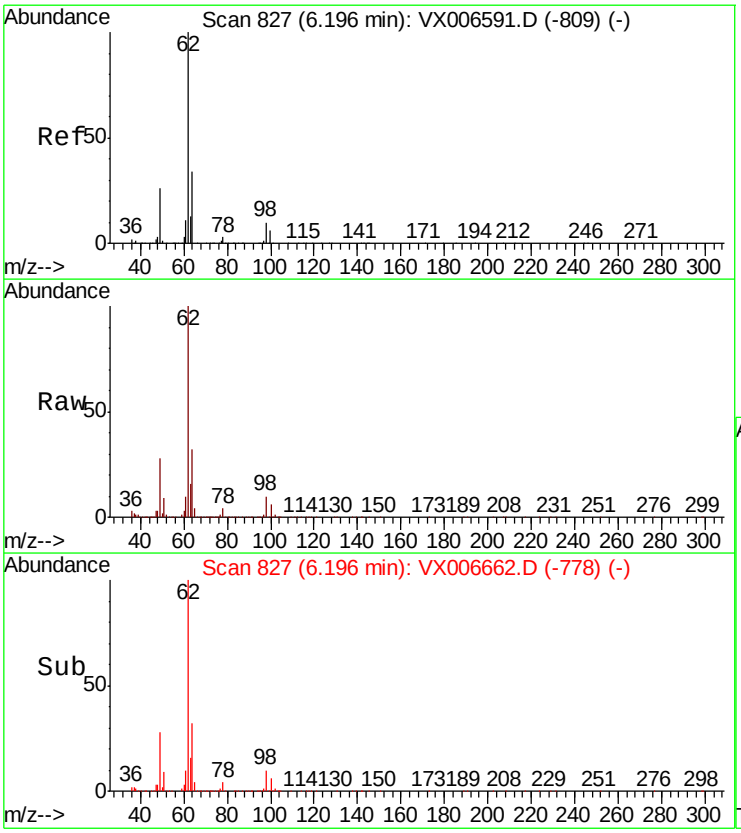

#41
Methacrylonitrile
Concen: 51.681 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 41 Resp: 259232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 54.5 | 42.8 | 64.2 |
| 67 | 77.1 | 62.1 | 93.1 |
| 52 | 29.9 | 23.4 | 35.0 |

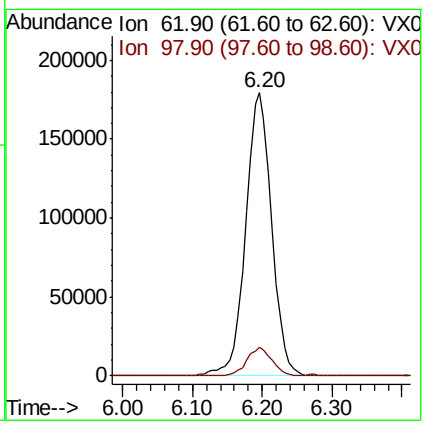


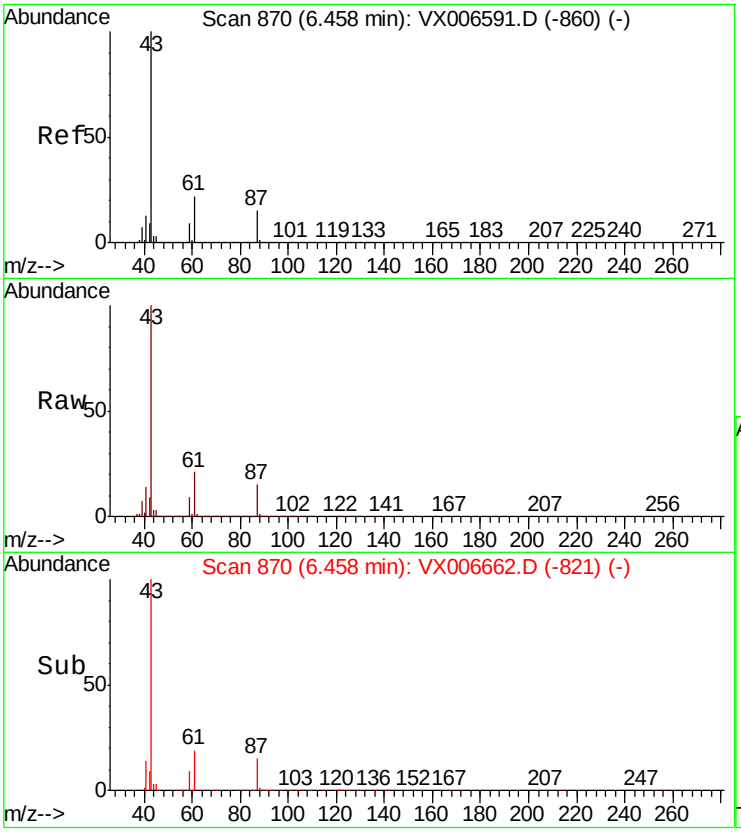




#42
1,2-Dichloroethane
Concen: 49.020 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 62 Resp: 460891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.7 | 0.0 | 20.2 |



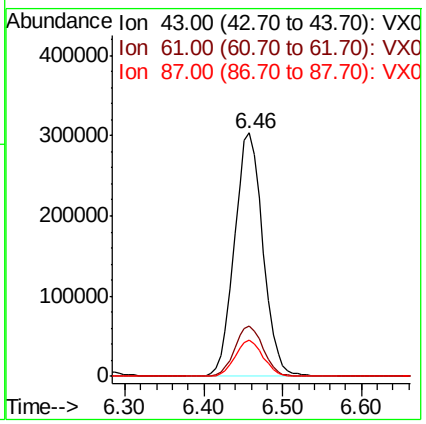


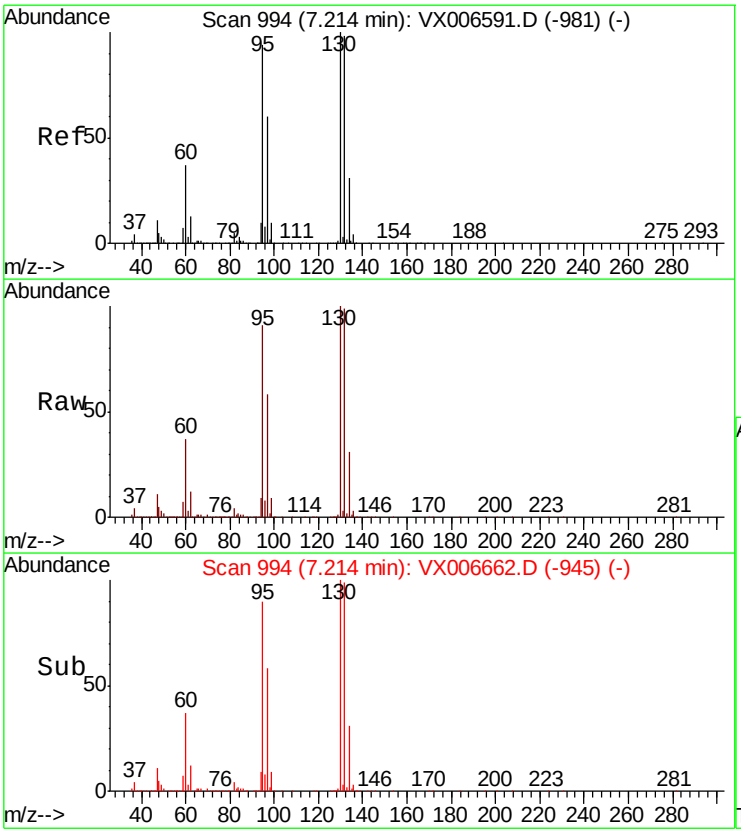

#43
Isopropyl Acetate
Concen: 52.815 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 43 Resp: 759229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.6 | 16.8 | 25.2 |
| 87 | 14.8 | 12.4 | 18.6 |

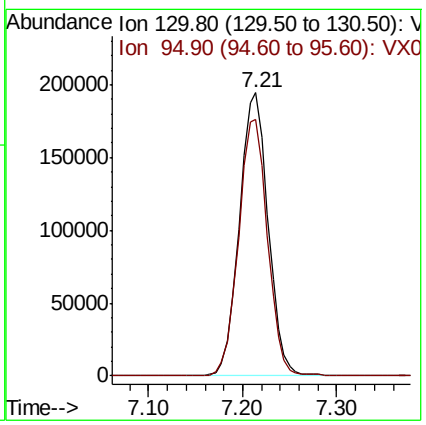


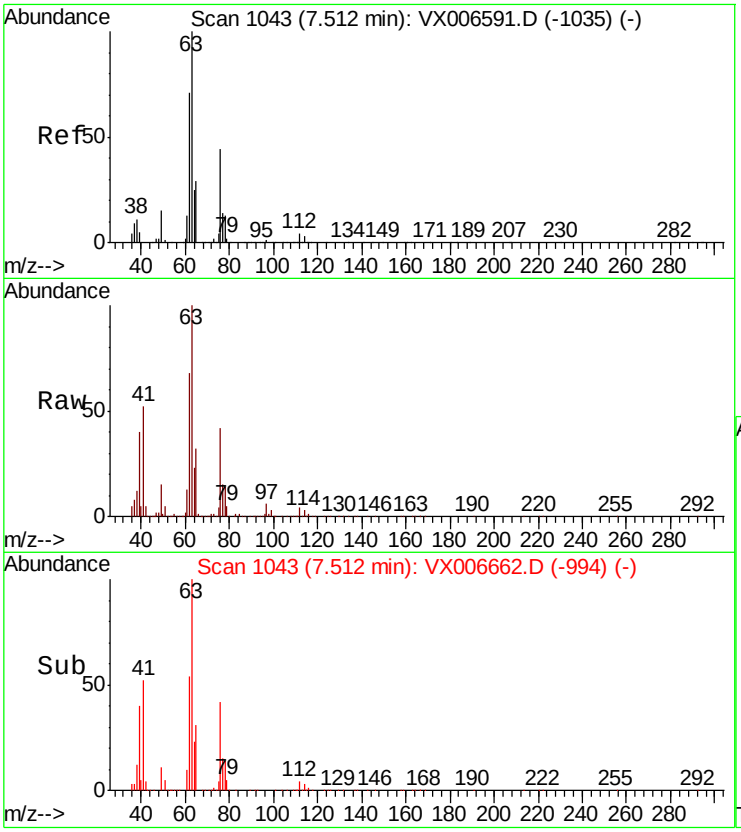




#44
Trichloroethene
Concen: 49.462 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:130 Resp: 413066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 90.5 | 0.0 | 187.0 |



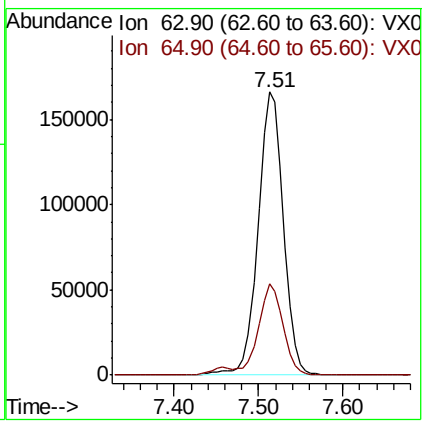


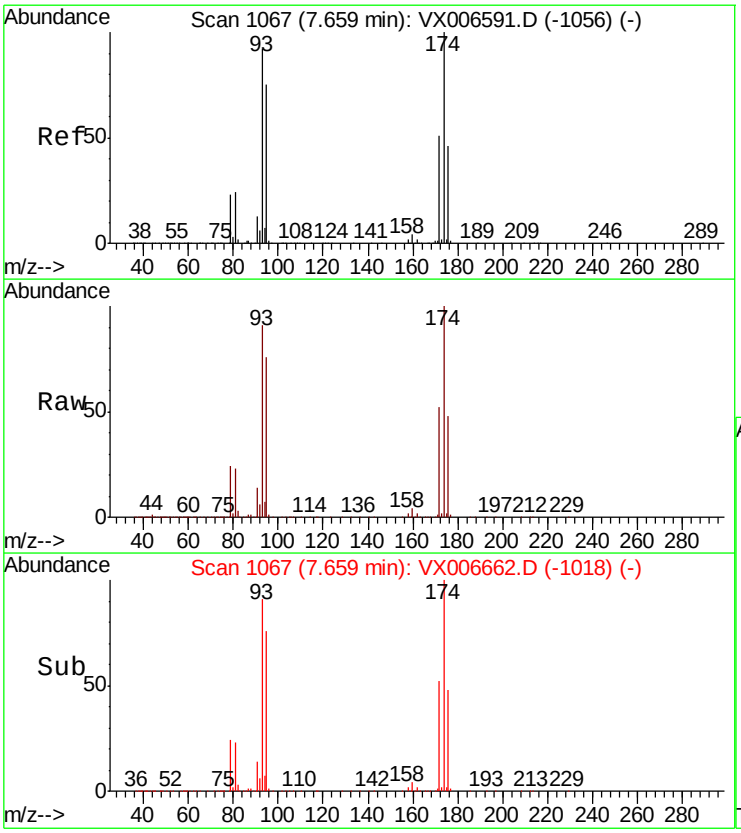

#45
1,2-Dichloropropane
Concen: 50.964 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 63 Resp: 342198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.3 | 25.4 | 38.0 |

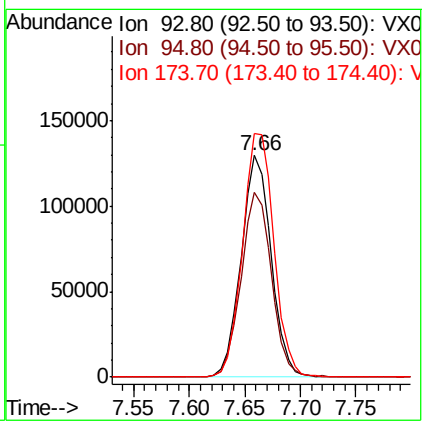


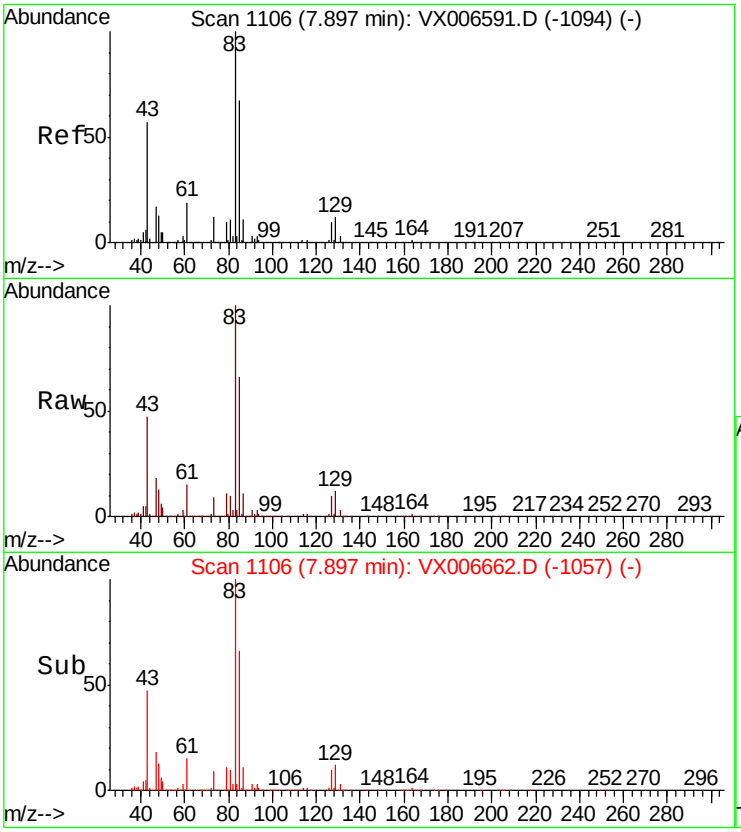




#46
Dibromomethane
Concen: 49.347 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 93 Resp: 243717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.4 | 66.2 | 99.4 |
| 174 | 114.9 | 91.0 | 136.4 |



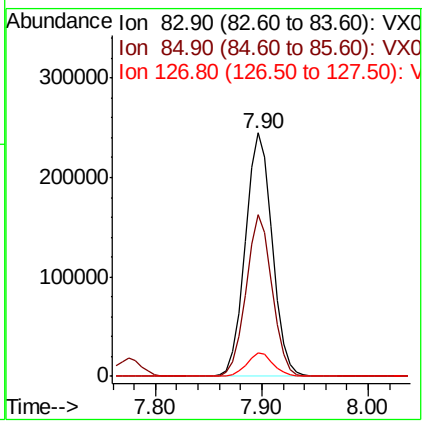


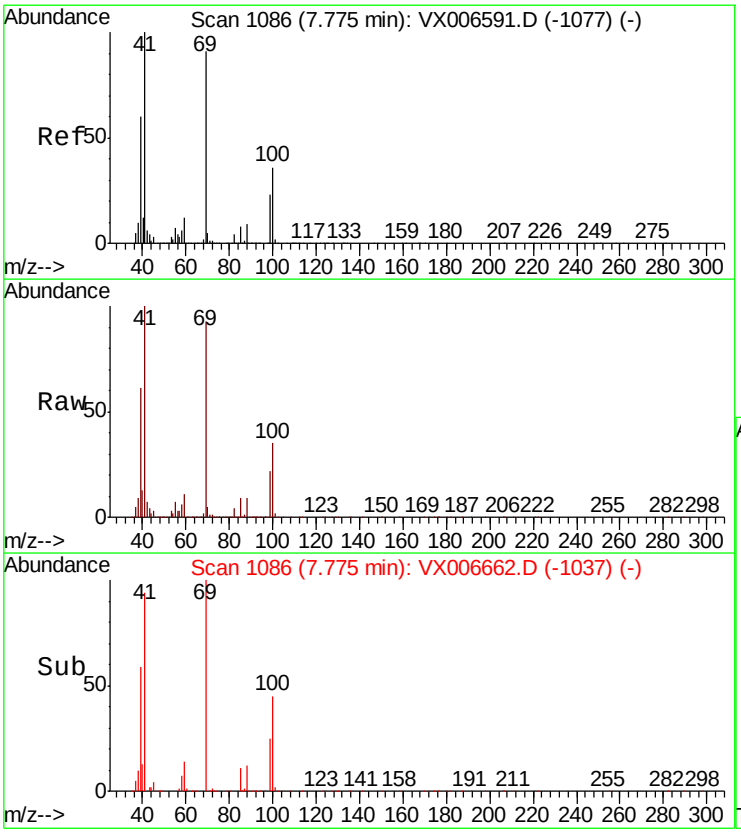

#47
Bromodichloromethane
Concen: 52.923 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 83 Resp: 433945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.3 | 53.2 | 79.8 |
| 127 | 9.8 | 7.8 | 11.6 |

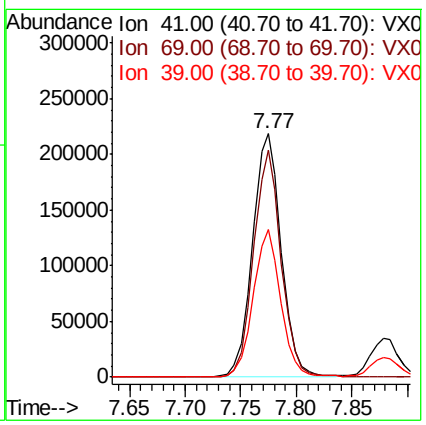


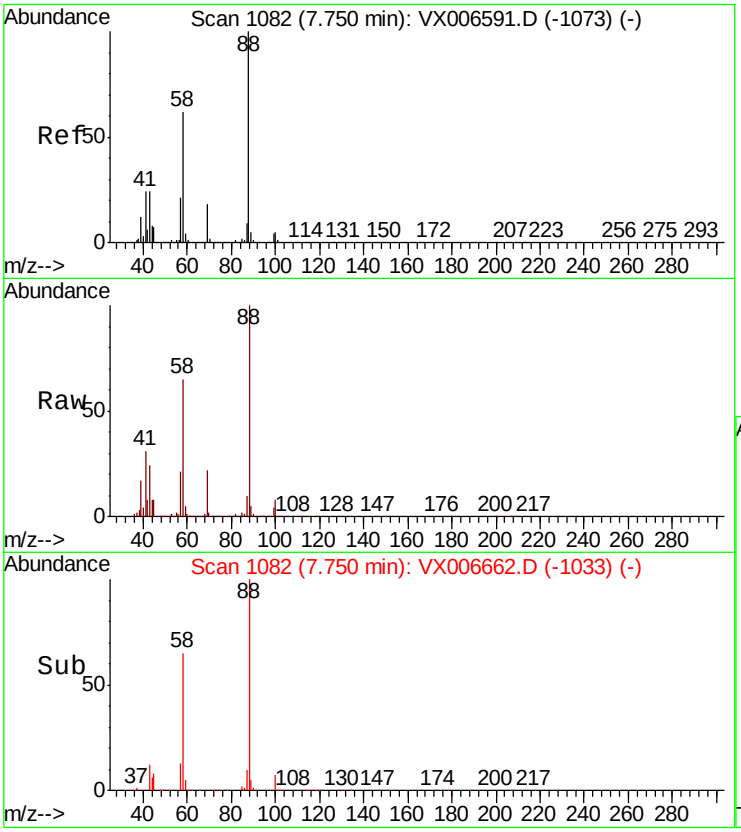




#48
Methyl methacrylate
Concen: 53.460 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 41 Resp: 390805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 90.1 | 72.4 | 108.6 |
| 39 | 58.4 | 45.8 | 68.8 |



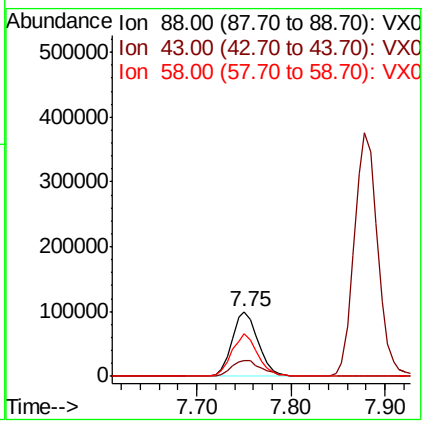


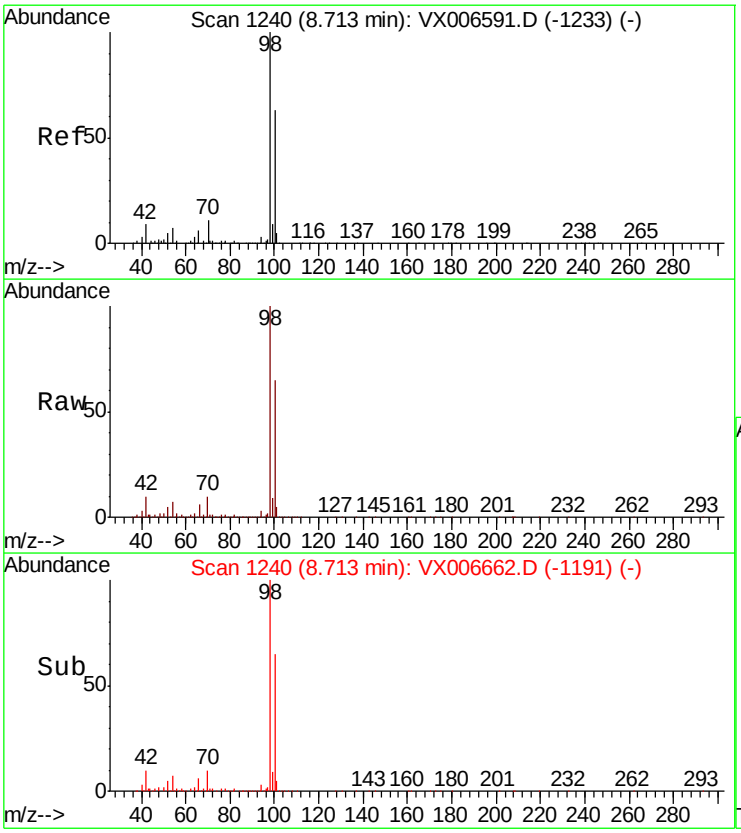

#49
1,4-Dioxane
Concen: 1010.459 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 88 Resp: 193228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 28.3 | 22.2 | 33.4 |
| 58 | 64.4 | 51.0 | 76.4 |

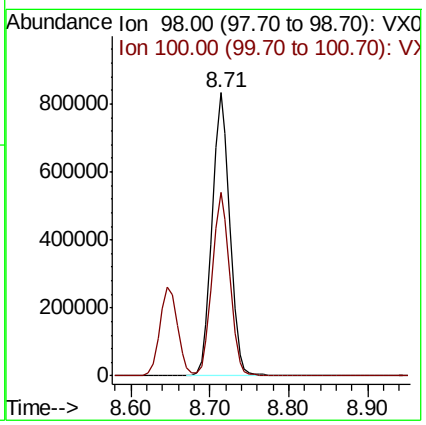


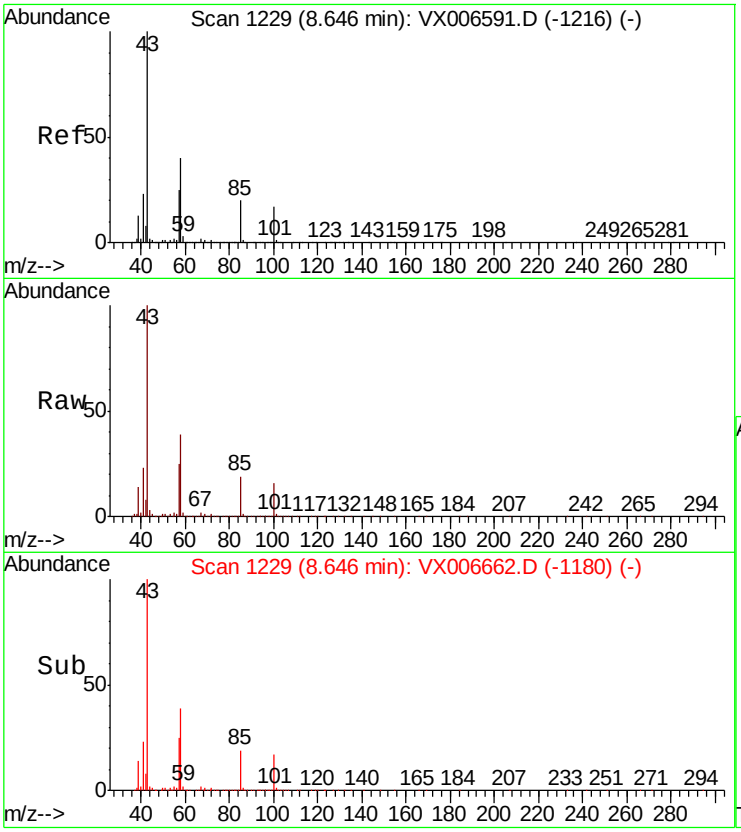




#50
Toluene-d8
Concen: 49.835 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 98 Resp: 1302142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.0 | 52.0 | 78.0 |



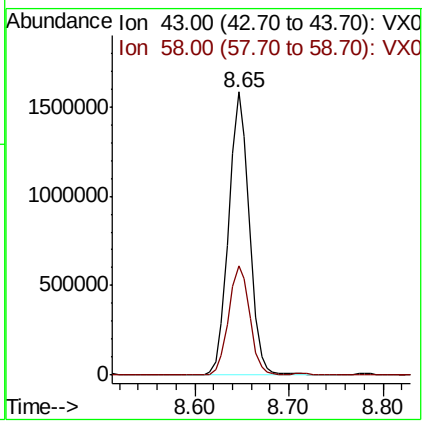


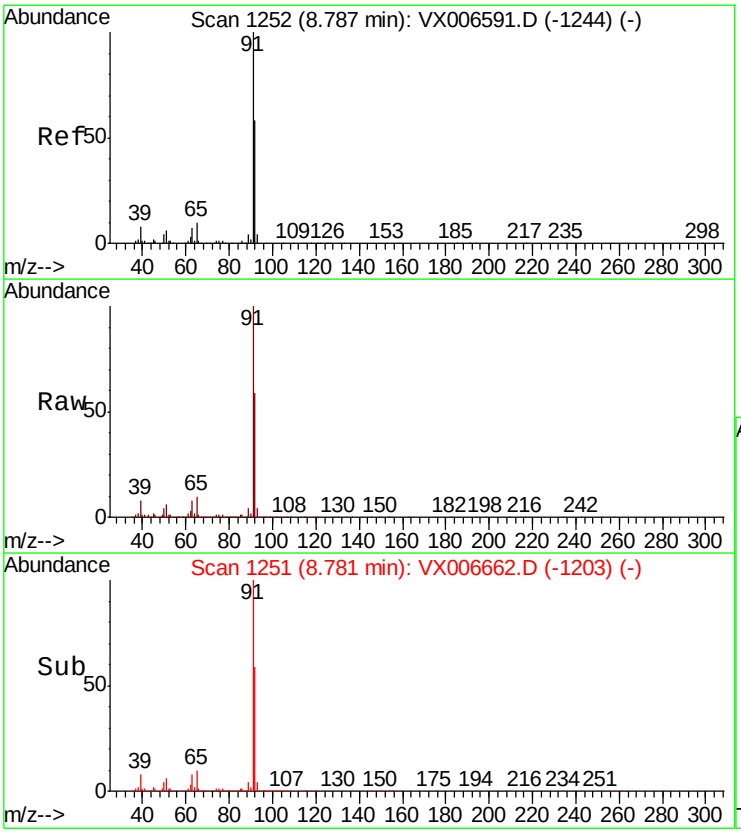

#51
4-Methyl-2-Pentanone
Concen: 262.678 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 43 Resp: 2402581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.5 | 31.8 | 47.6 |

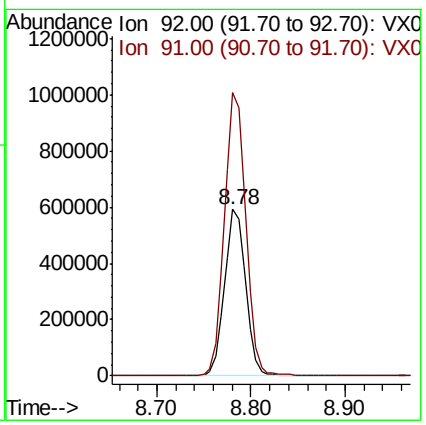


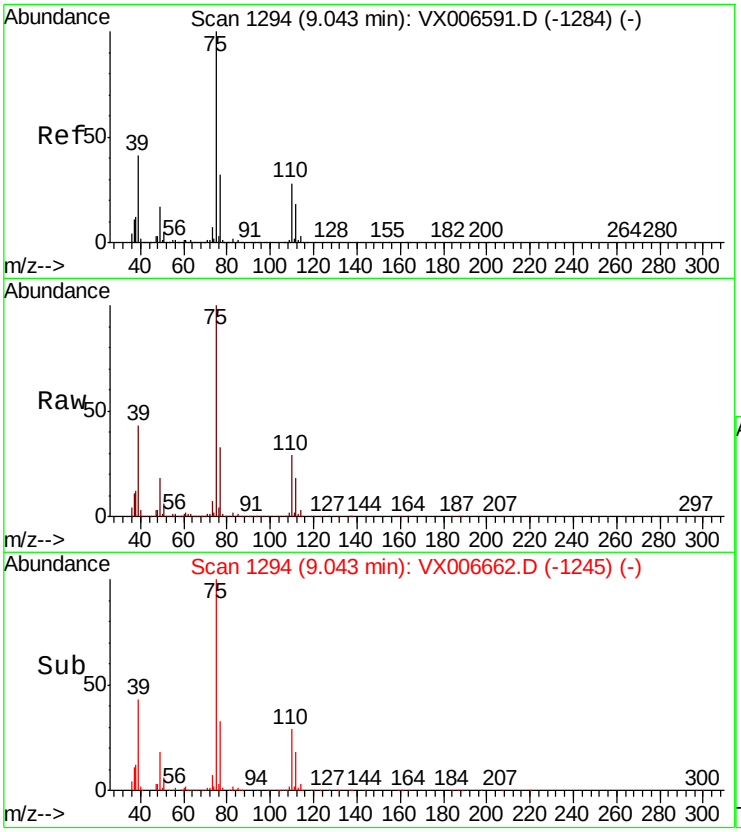




#52
Toluene
Concen: 51.824 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 92 Resp: 923795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.2 | 137.6 | 206.4 |



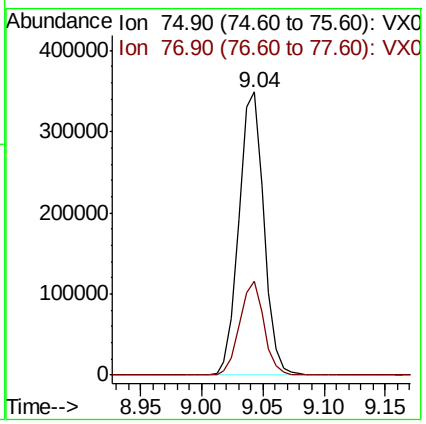


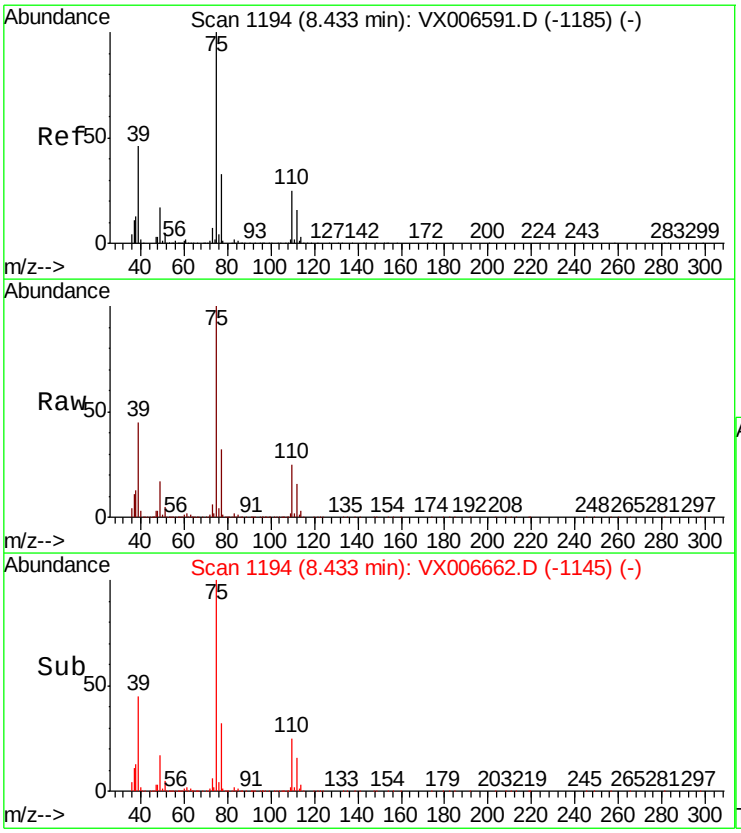

#53
t-1,3-Dichloropropene
Concen: 56.047 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 75 Resp: 492875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.1 | 25.4 | 38.0 |

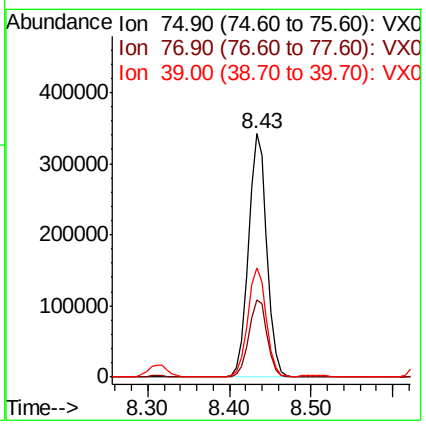


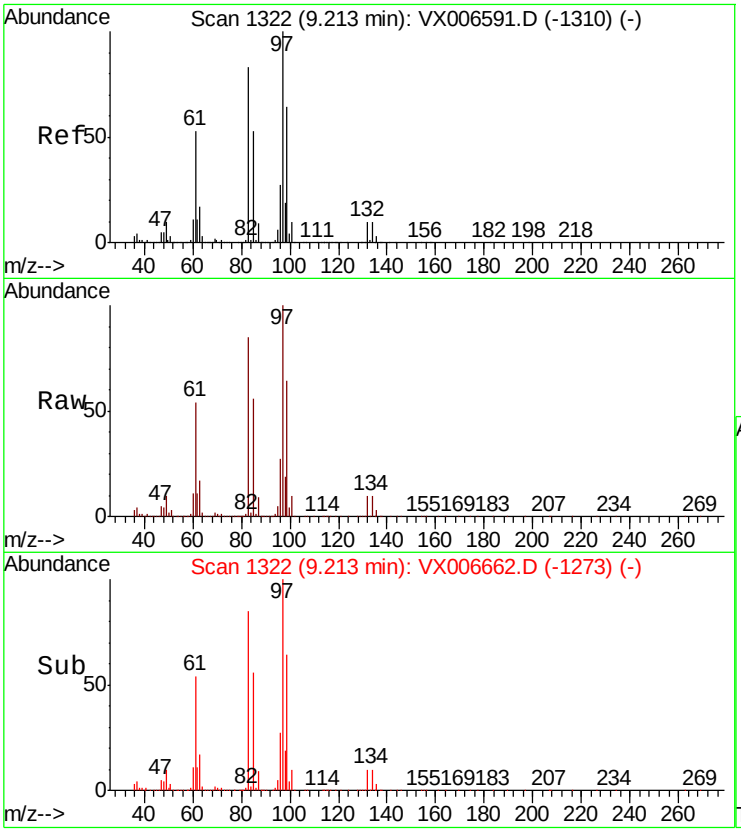




#54
cis-1,3-Dichloropropene
Concen: 55.843 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 75 Resp: 538837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.6 | 26.2 | 39.2 |
| 39 | 44.9 | 36.7 | 55.1 |



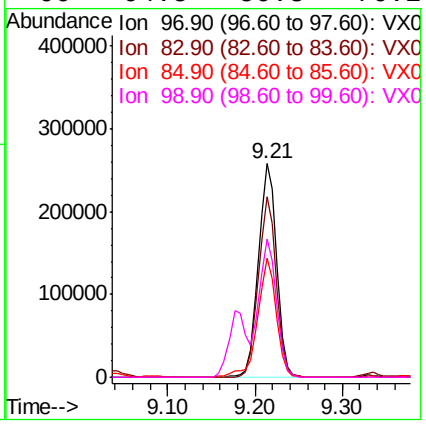


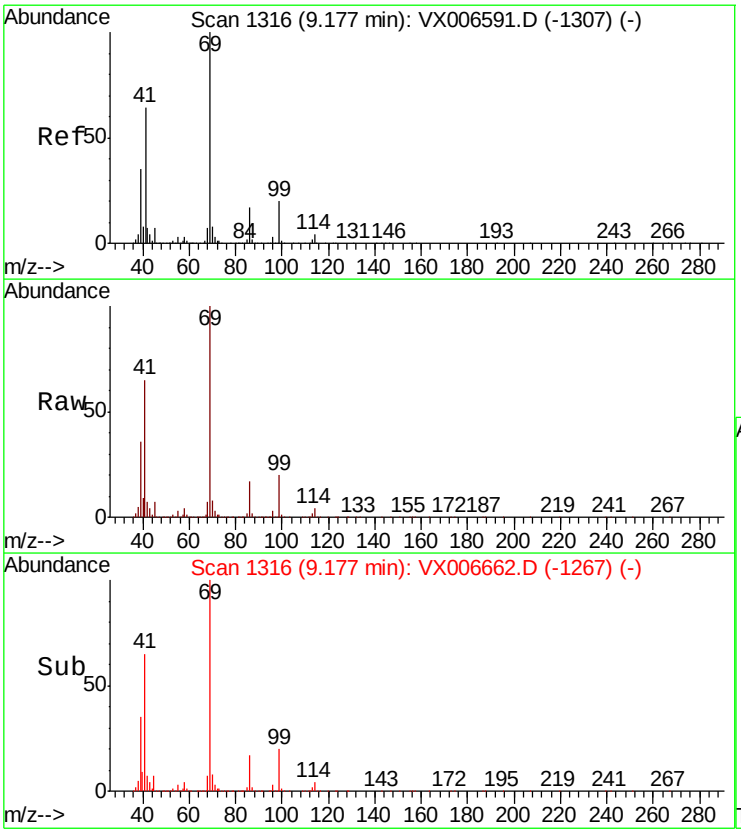

#55
1,1,2-Trichloroethane
Concen: 51.575 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 97 Resp: 376306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 84.6 | 66.6 | 99.8 |
| 85 | 55.8 | 42.7 | 64.1 |
| 99 | 64.5 | 50.8 | 76.2 |

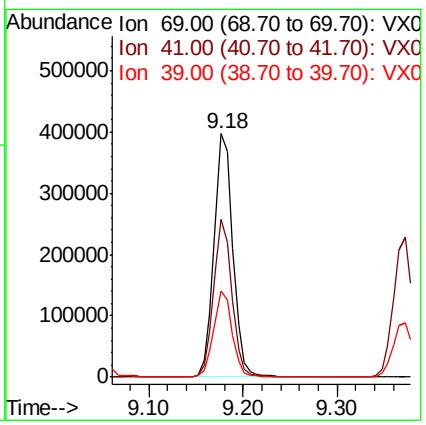


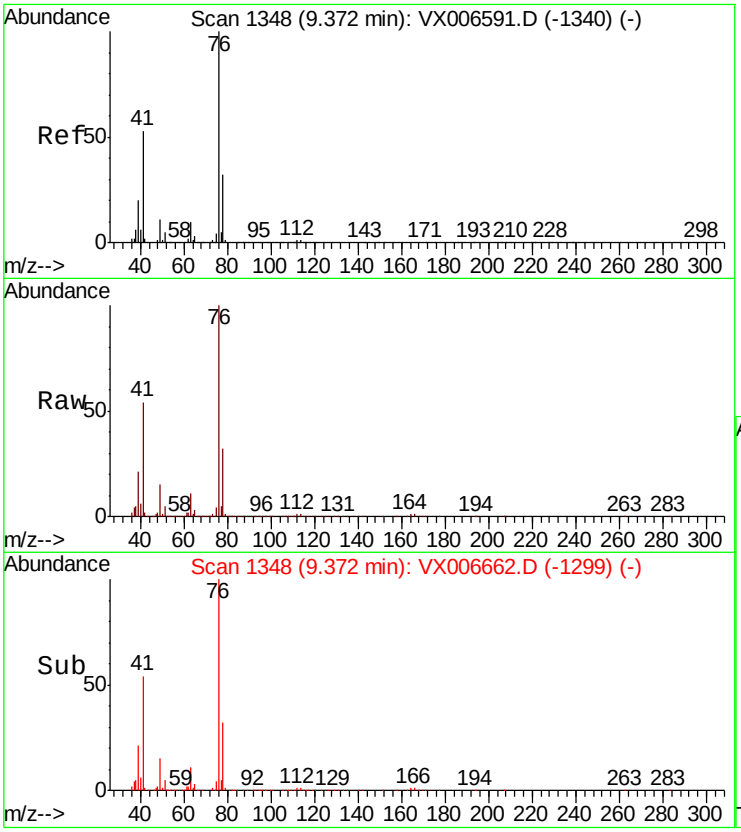




#56
Ethyl methacrylate
Concen: 53.557 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 69 Resp: 552302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 63.0 | 48.7 | 73.1 |
| 39 | 35.3 | 27.0 | 40.6 |



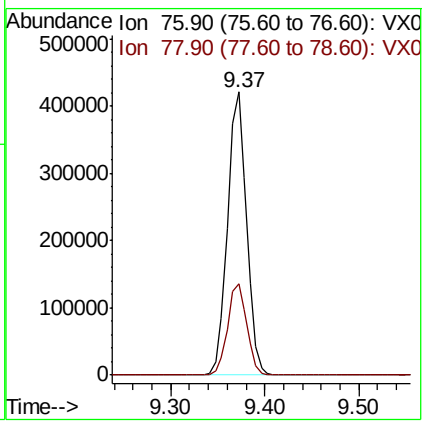


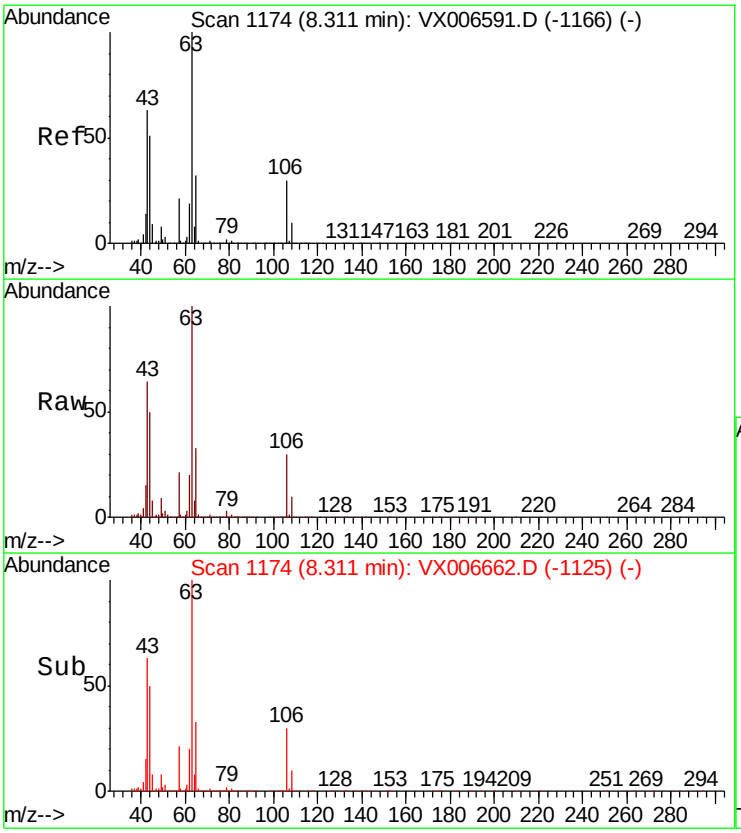

#57
1,3-Dichloropropane
Concen: 50.311 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 76 Resp: 590597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.5 | 26.0 | 39.0 |

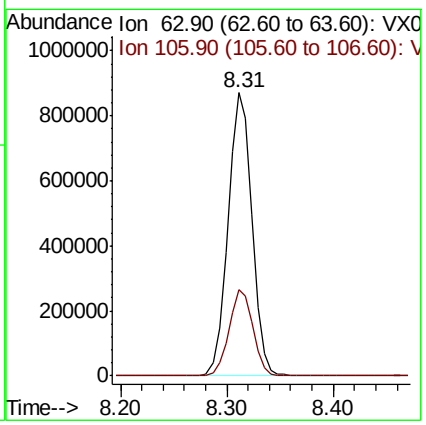


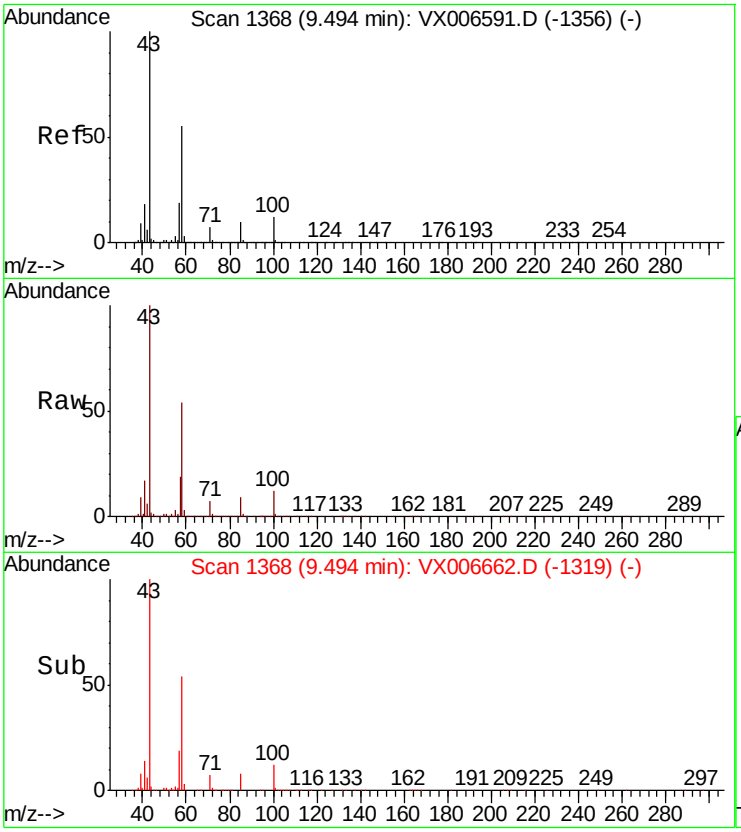




#58
2-Chloroethyl Vinyl ether
Concen: 249.322 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 63 Resp: 1366707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 30.5 | 24.6 | 36.8 |



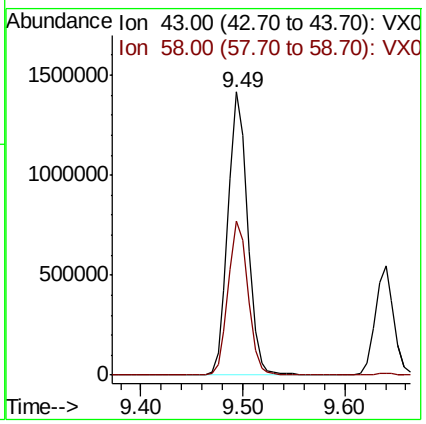


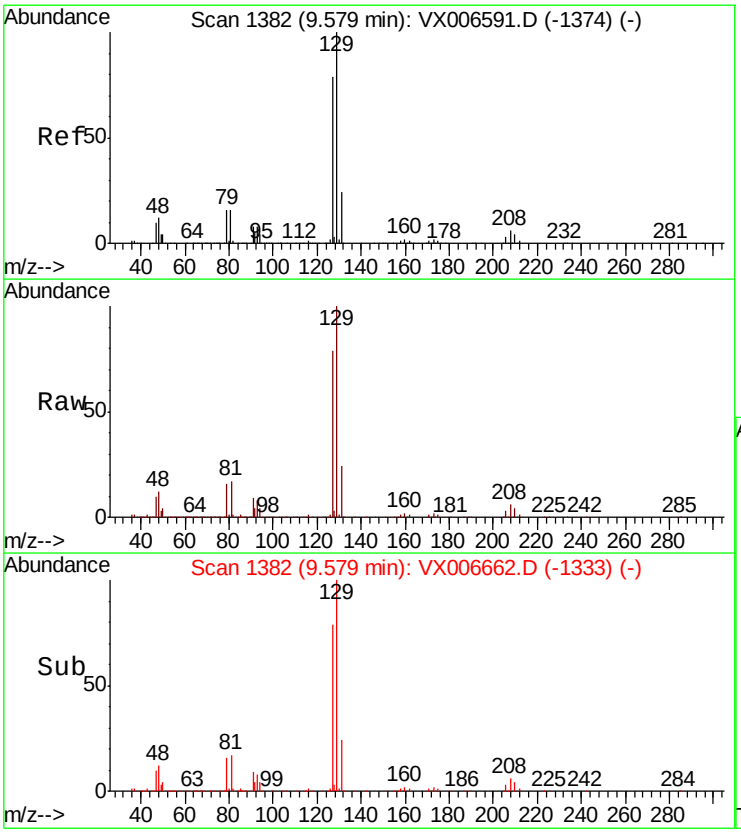

#59
2-Hexanone
Concen: 268.096 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 43 Resp: 1876175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.1 | 27.7 | 83.1 |

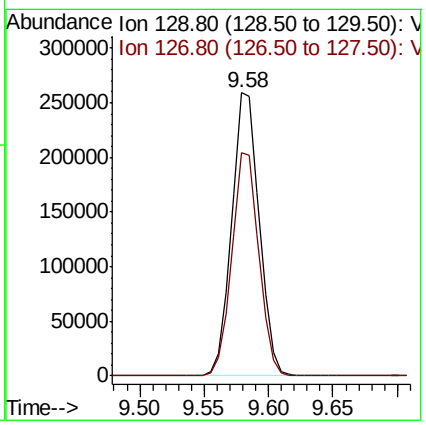


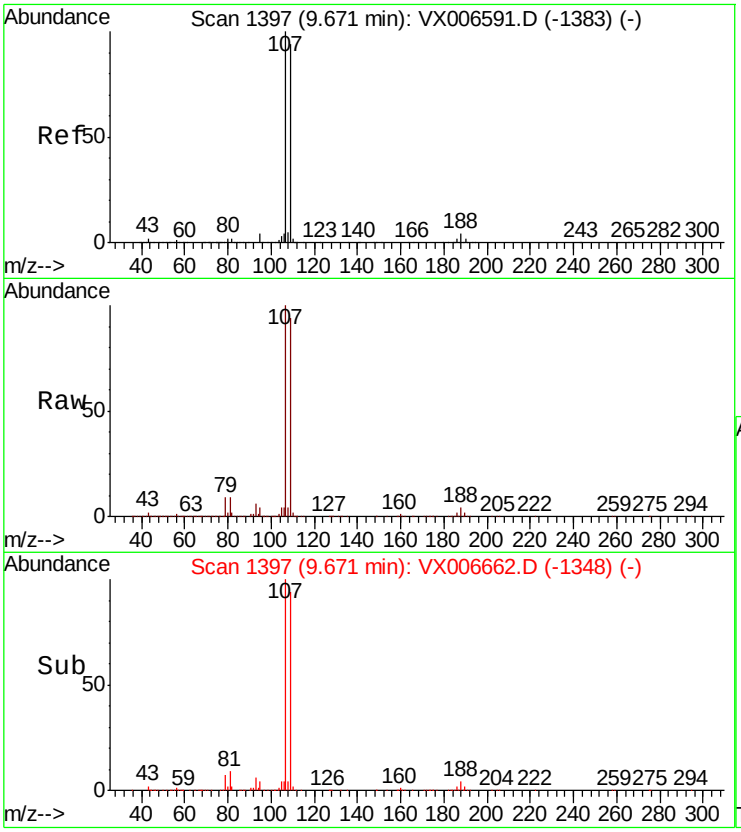




#60
Dibromochloromethane
Concen: 50.499 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:129 Resp: 385551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.5 | 39.3 | 117.8 |



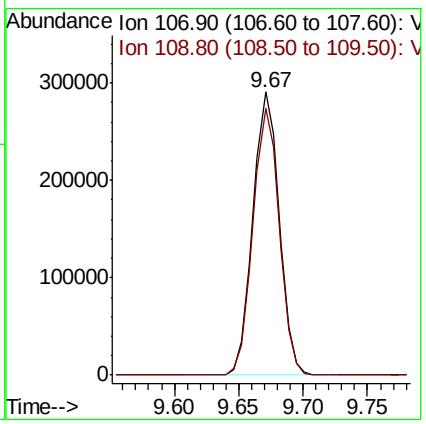


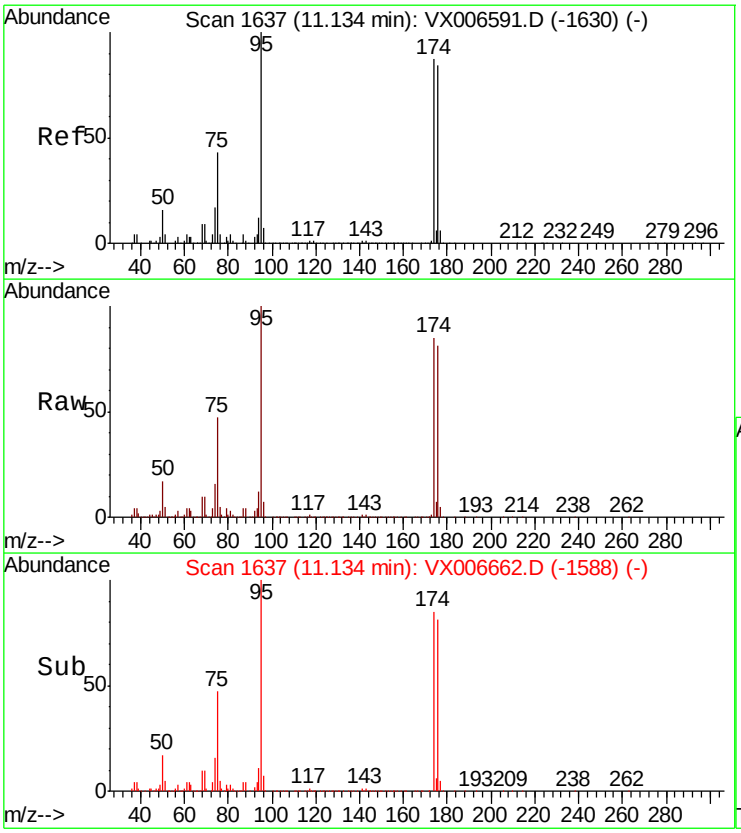

#61
1,2-Dibromoethane
Concen: 52.573 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion:107 Resp: 407761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.6 | 75.8 | 113.6 |

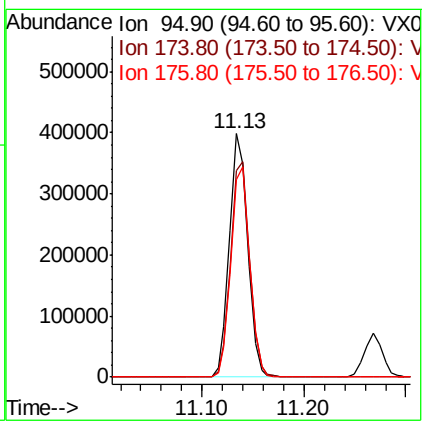


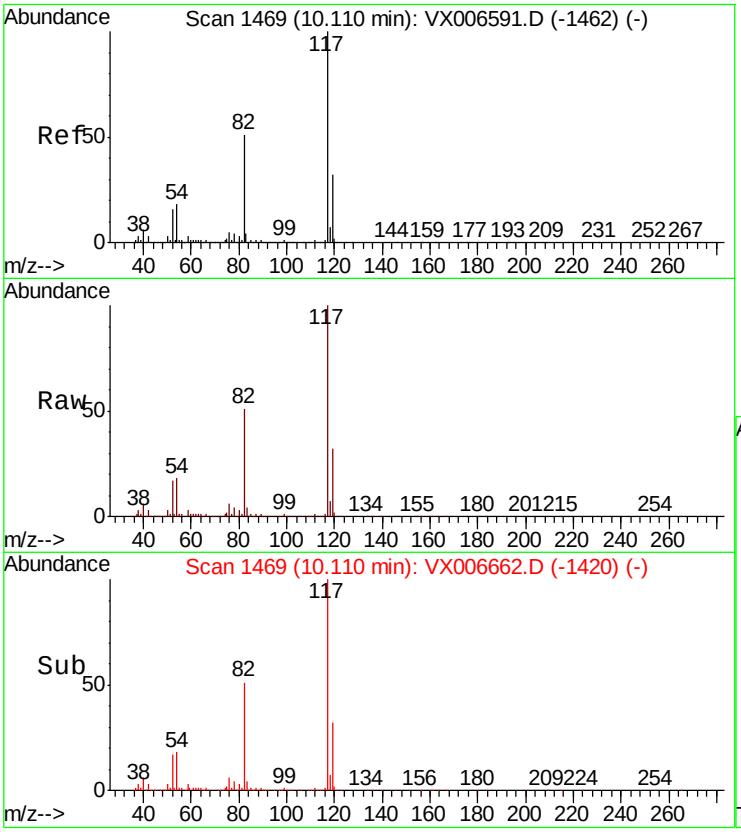




#62
4-Bromofluorobenzene
Concen: 51.360 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 95 Resp: 491496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 91.3 | 0.0 | 182.2 |
| 176 | 88.5 | 0.0 | 178.8 |



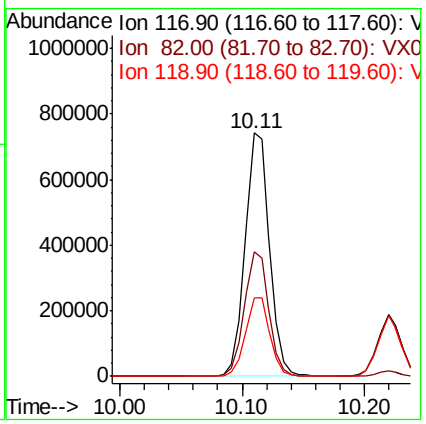


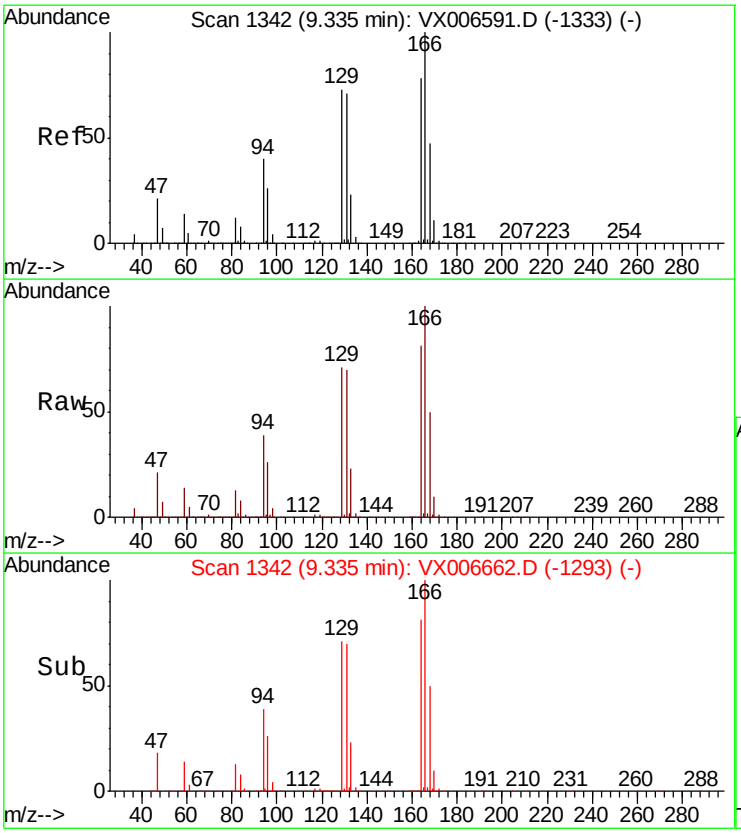

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion:117 Resp: 1030351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.3 | 41.0 | 61.6 |
| 119 | 32.3 | 25.4 | 38.0 |

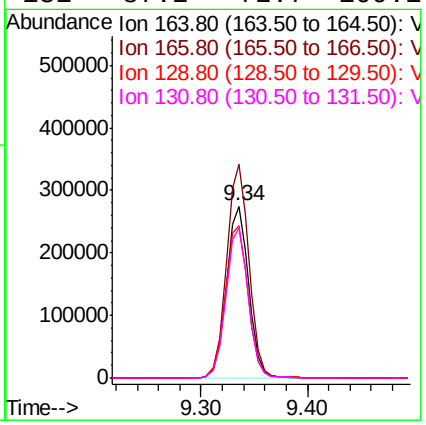


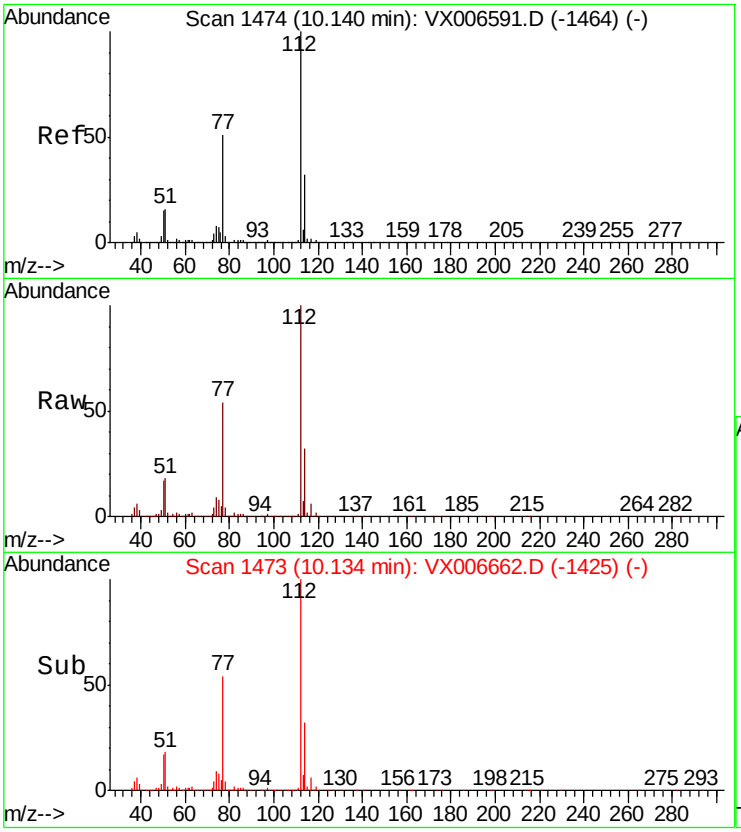




#64
Tetrachloroethene
Concen: 49.121 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:164 Resp: 400769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 124.2 | 102.5 | 153.7 |
| 129 | 88.2 | 75.1 | 112.7 |
| 131 | 87.2 | 72.7 | 109.1 |



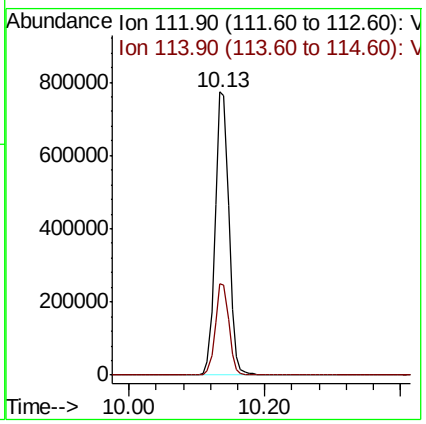


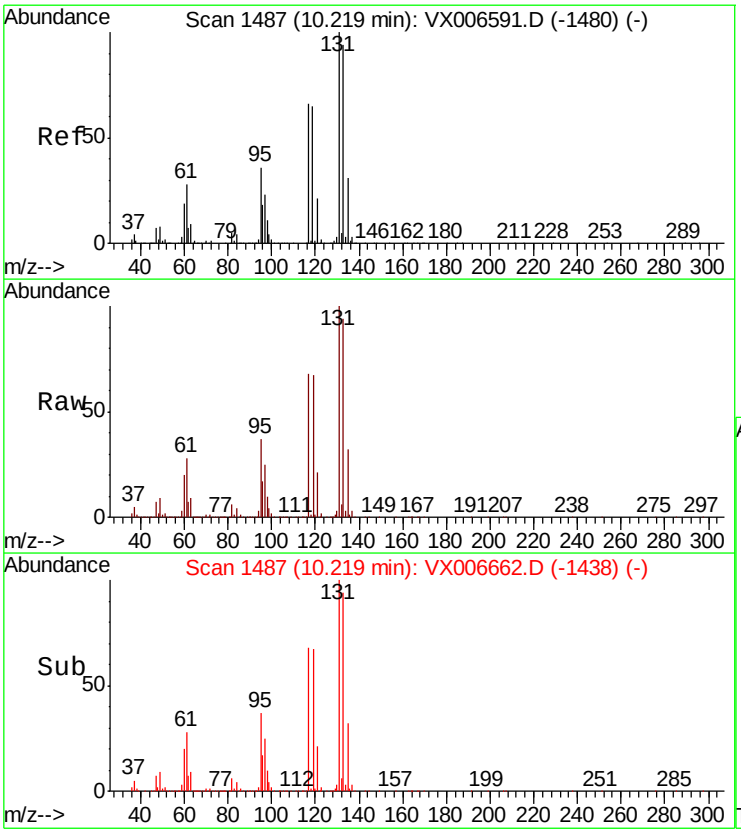

#65
Chlorobenzene
Concen: 49.554 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion:112 Resp: 1080184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.3 | 25.7 | 38.5 |

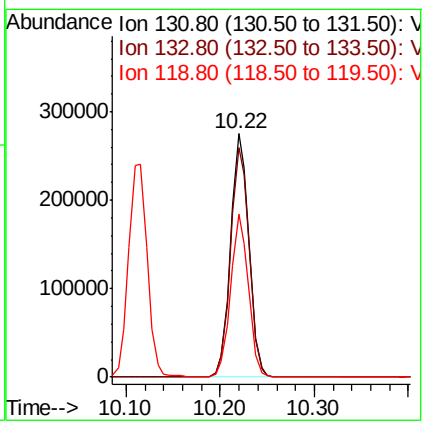


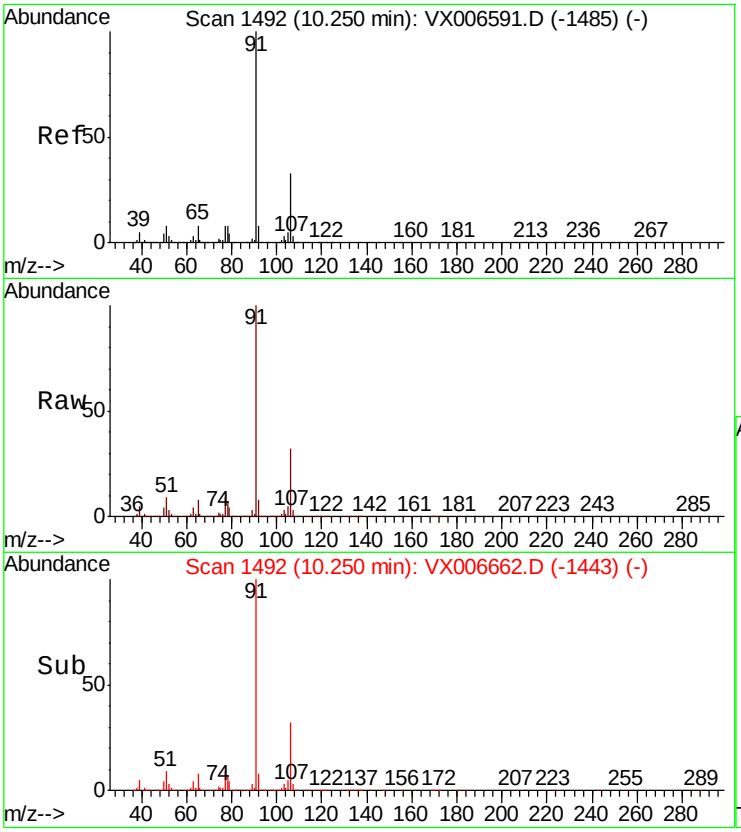




#66
1,1,1,2-Tetrachloroethane
Concen: 54.149 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:131 Resp: 368262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.8 | 48.0 | 144.2 |
| 119 | 65.3 | 32.6 | 97.8 |



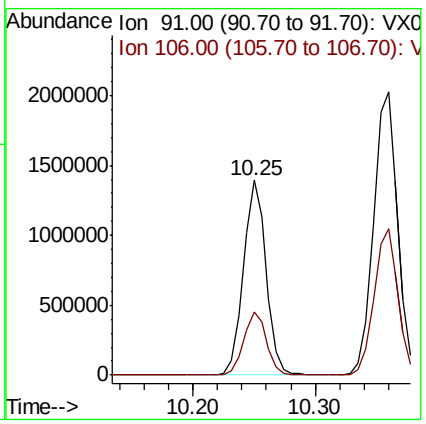


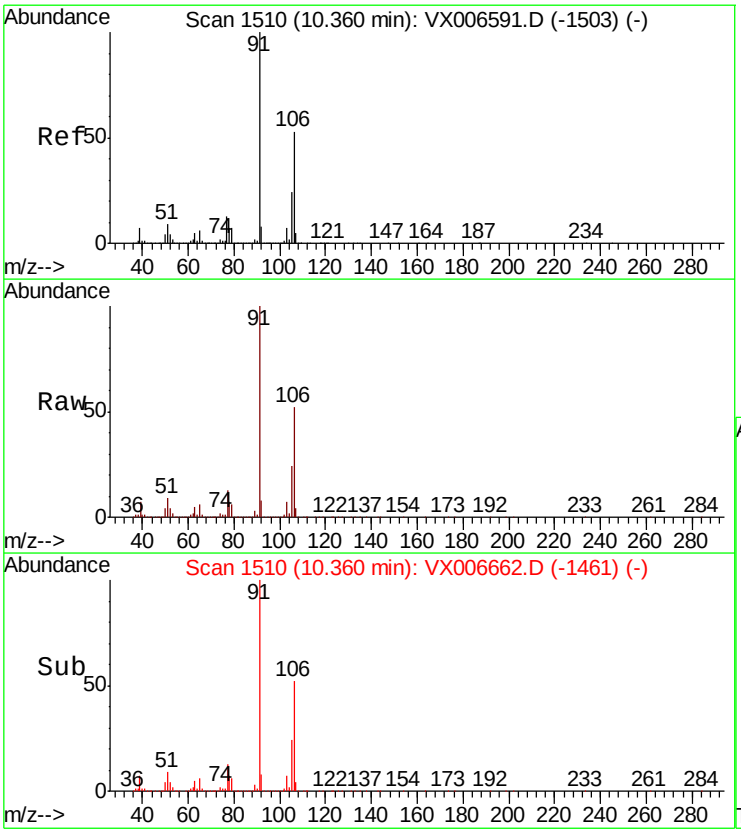

#67
Ethyl Benzene
Concen: 50.316 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 91 Resp: 1792229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.4 | 26.4 | 39.6 |

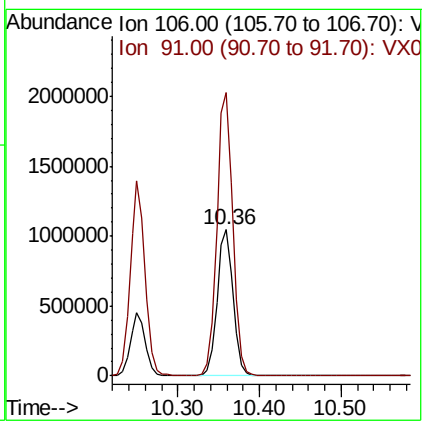


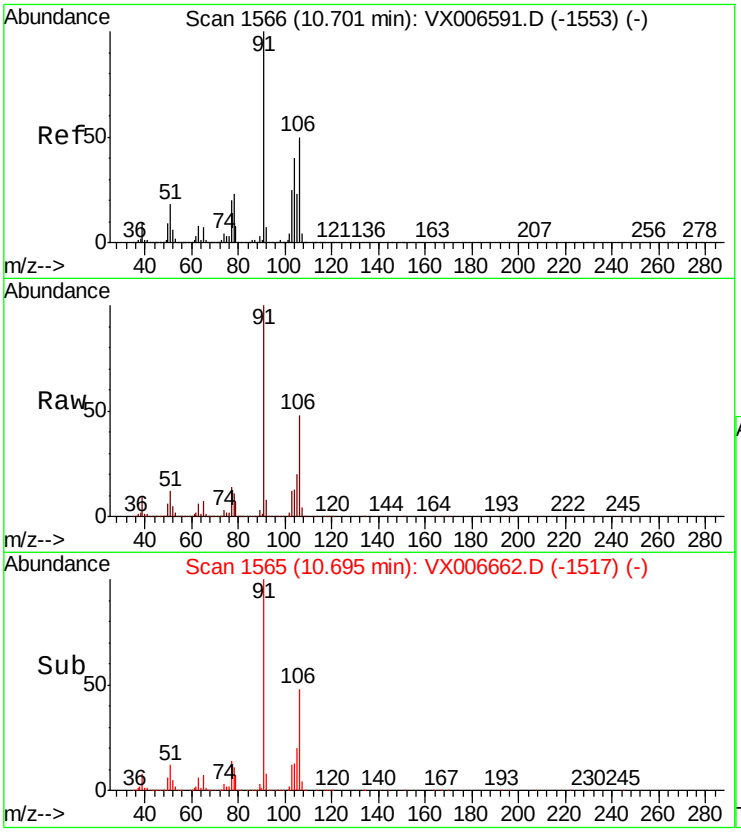




#68
m/p-Xylenes
Concen: 102.024 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:106 Resp: 1433979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 194.2 | 155.8 | 233.6 |



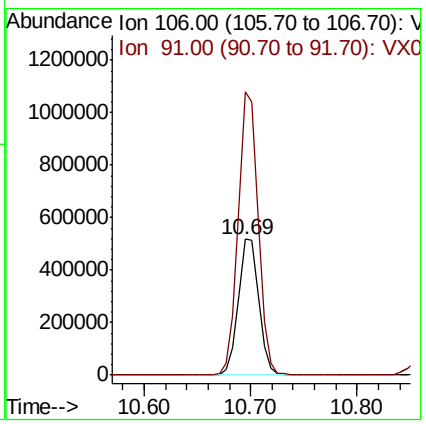


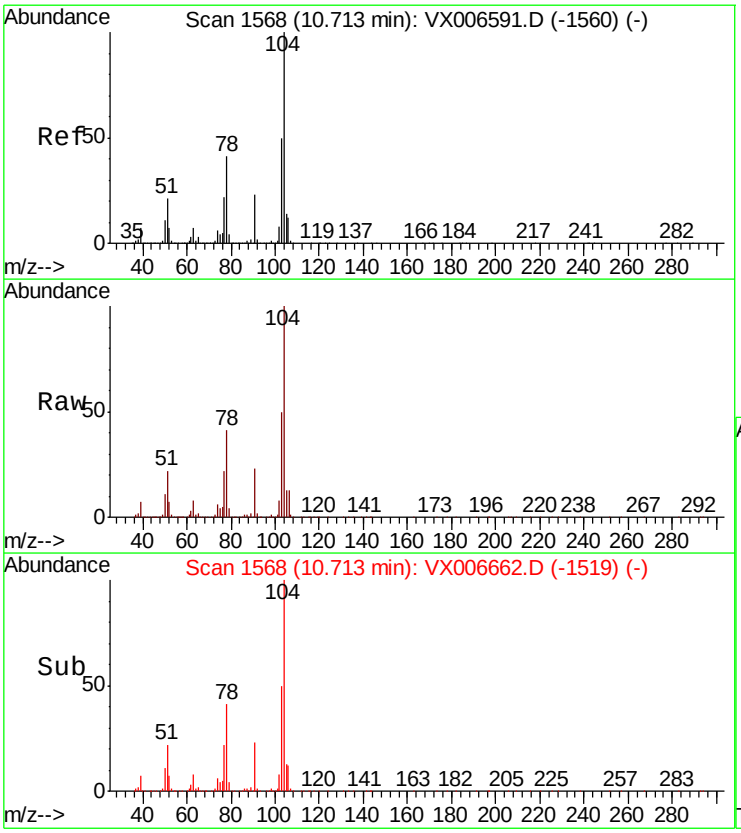

#69
o-Xylene
Concen: 50.530 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion:106 Resp: 701316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 204.9 | 101.3 | 303.7 |

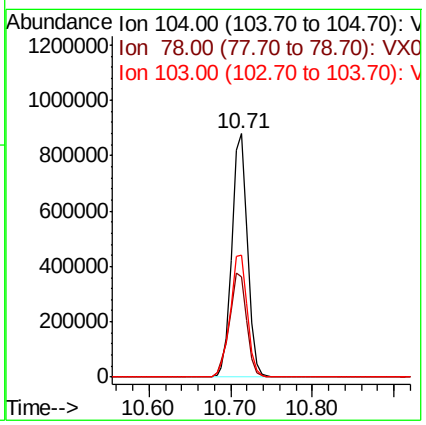


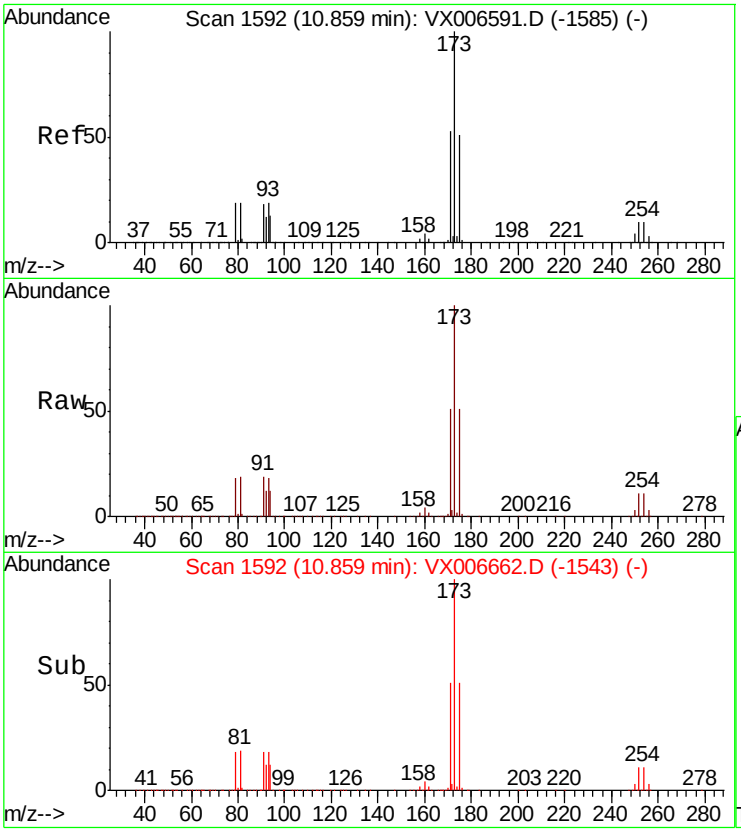




#70
Styrene
Concen: 52.134 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:104 Resp: 1144746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 47.4 | 37.7 | 56.5 |
| 103 | 55.0 | 43.8 | 65.8 |



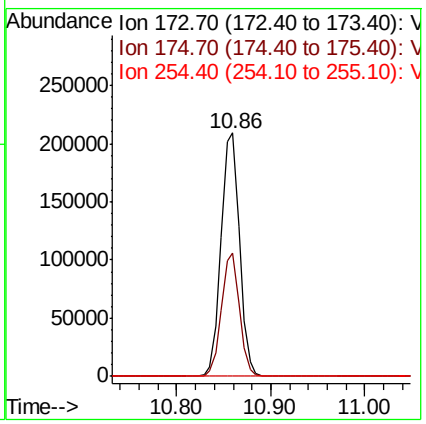


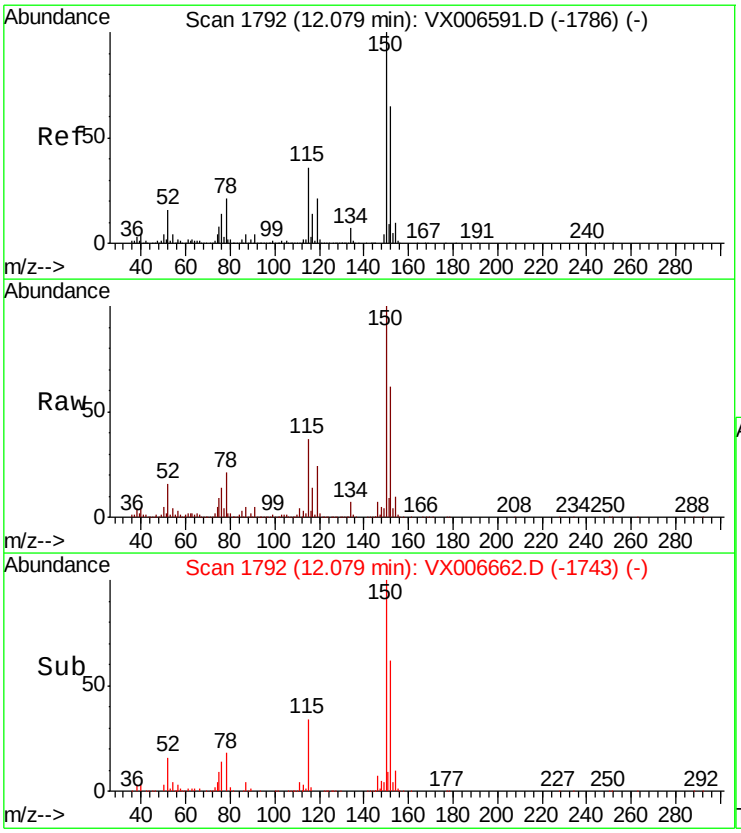

#71
Bromoform
Concen: 46.693 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion:173 Resp: 284449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.3 | 24.7 | 74.1 |
| 254 | 0.2 | 0.2 | 0.2# |

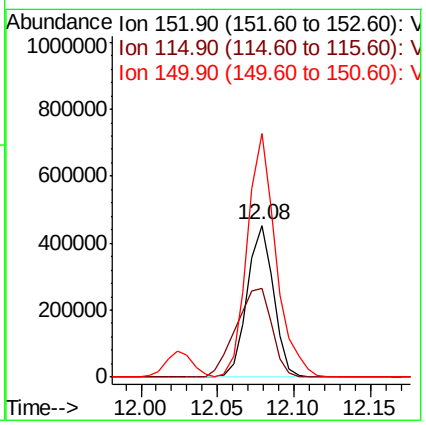


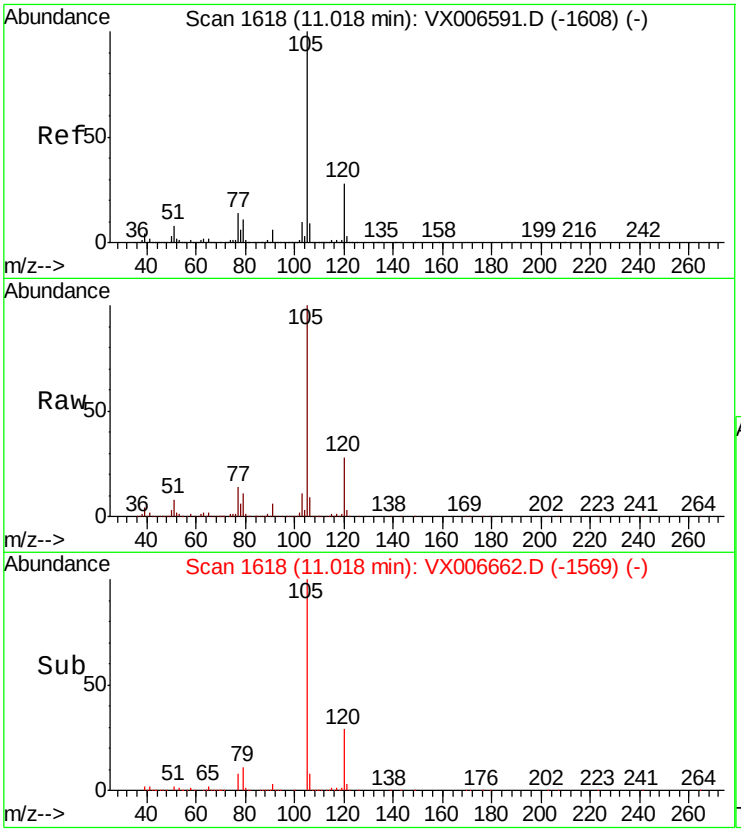




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:152 Resp: 539742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 79.6 | 39.1 | 117.2 |
| 150 | 175.0 | 0.0 | 344.8 |



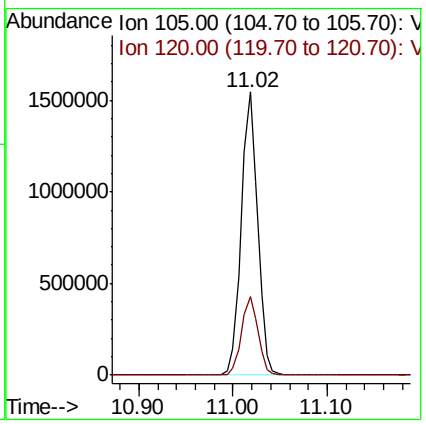


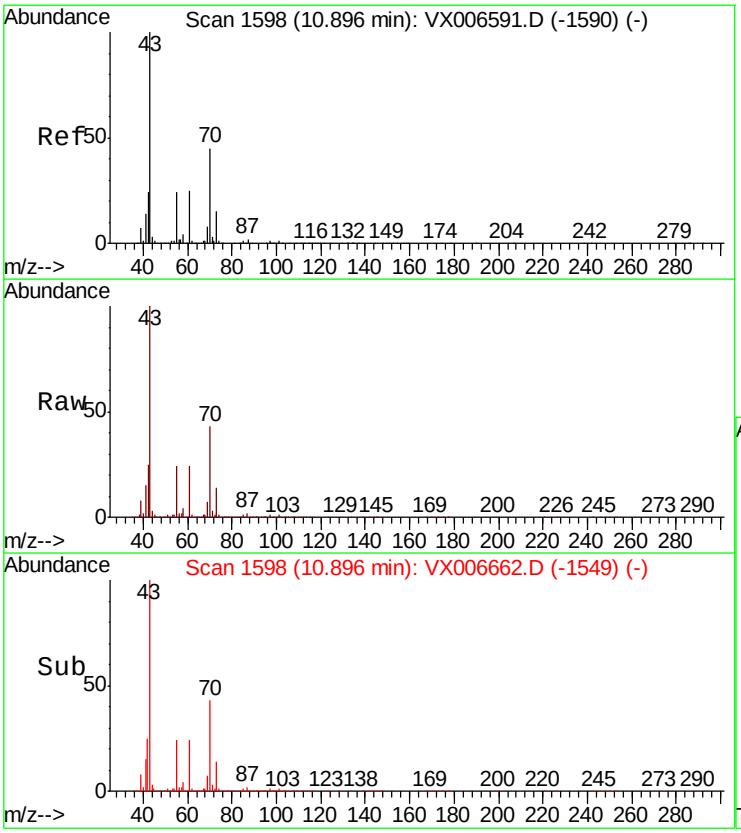

#73
Isopropylbenzene
Concen: 50.700 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion:105 Resp: 1872108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.8 | 14.1 | 42.4 |

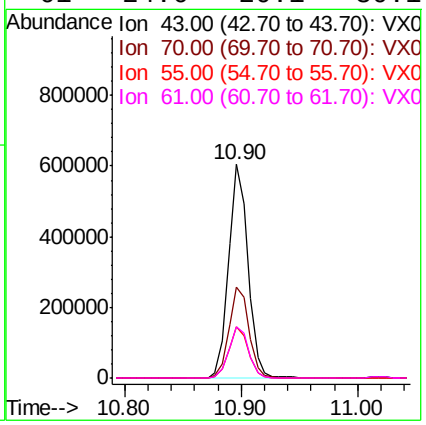


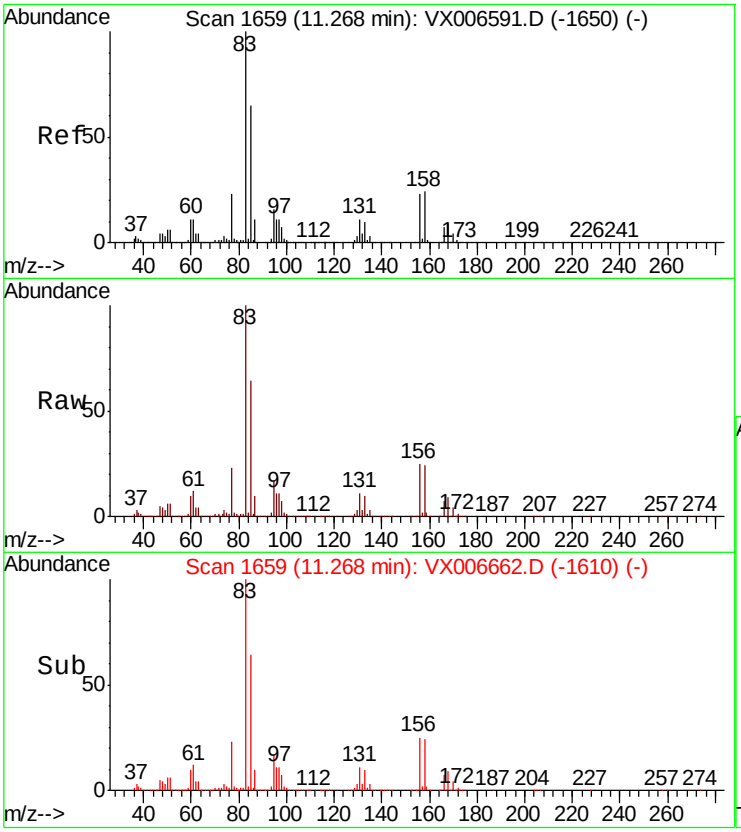




#74
N-amyl acetate
Concen: 52.857 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 43 Resp: 698610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.7 | 35.8 | 53.8 |
| 55 | 24.1 | 19.4 | 29.0 |
| 61 | 24.6 | 20.1 | 30.1 |



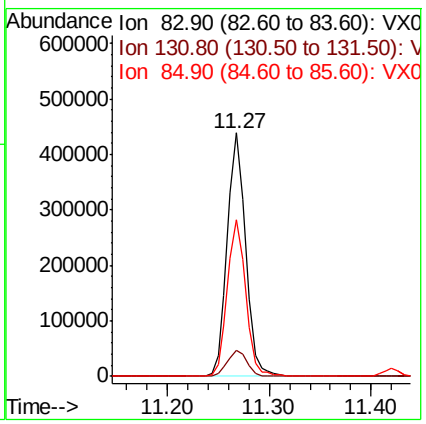


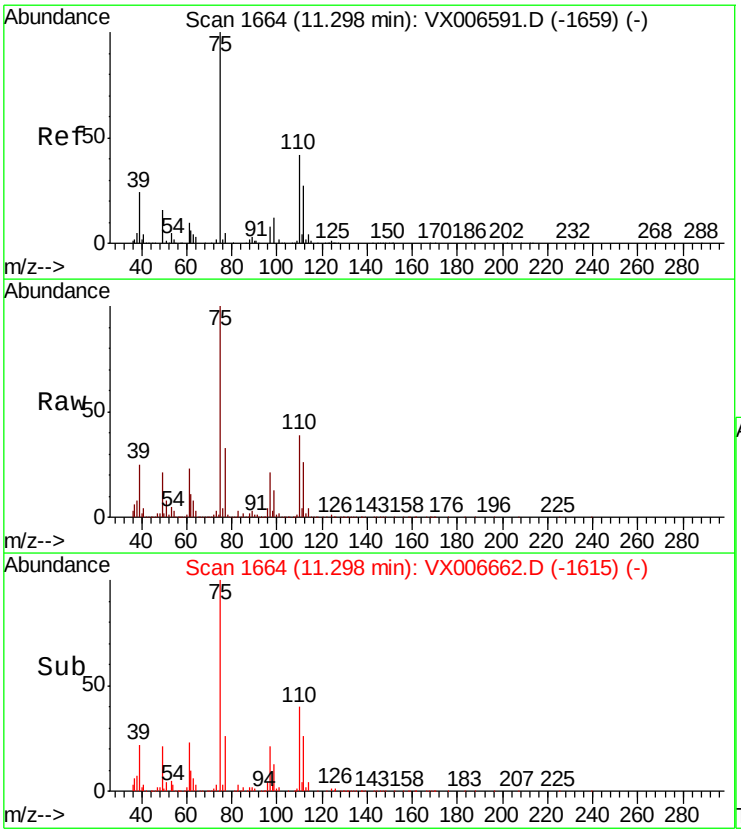

#75
1,1,2,2-Tetrachloroethane
Concen: 49.753 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 83 Resp: 546363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.2 | 5.7 | 17.1 |
| 85 | 64.8 | 32.2 | 96.6 |

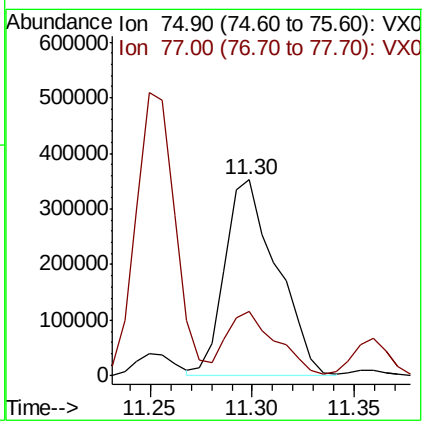


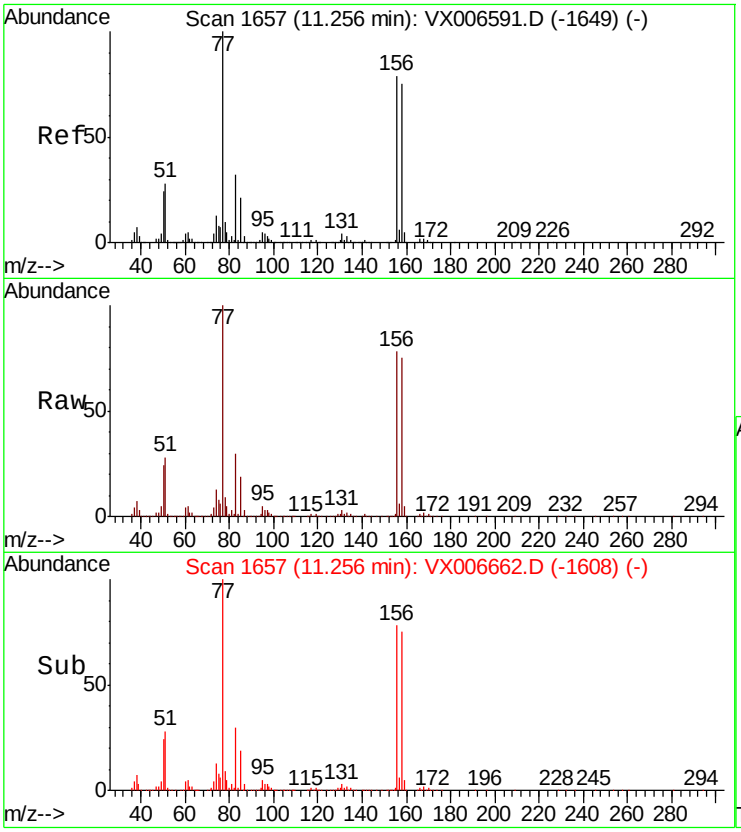




#76
1,2,3-Trichloropropane
Concen: 62.265 ug/l
RT: 11.30 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 75 Resp: 624556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.0 | 18.5 | 55.5 |



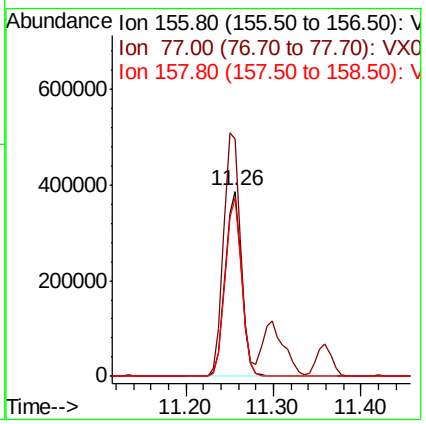


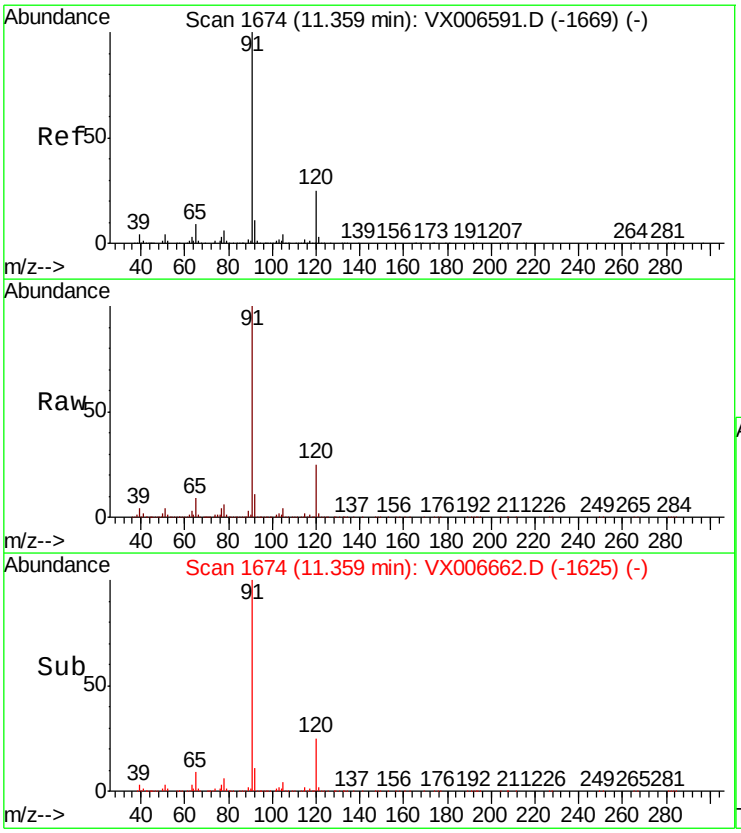

#77
Bromobenzene
Concen: 50.061 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion:156 Resp: 499744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 136.3 | 68.0 | 204.0 |
| 158 | 97.0 | 48.3 | 144.8 |

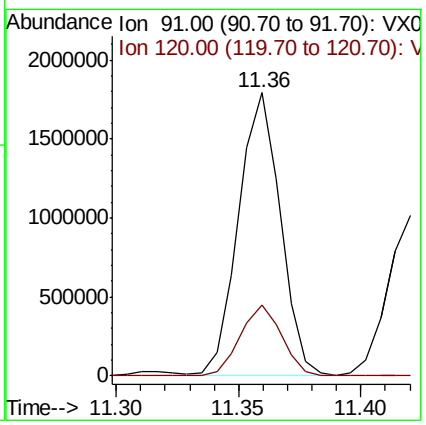


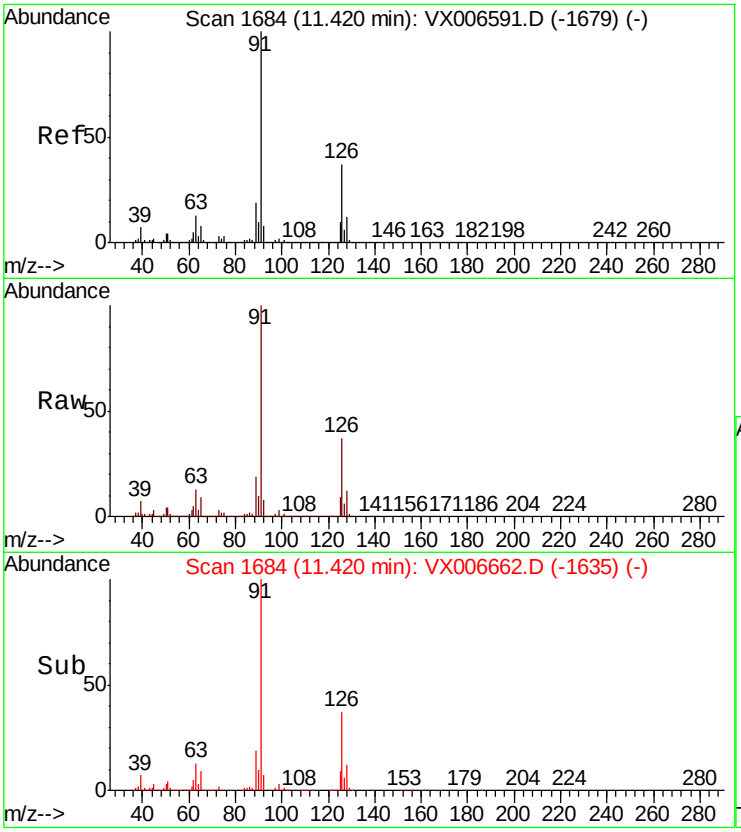




#78
n-propylbenzene
Concen: 52.215 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 91 Resp: 2123165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 25.1 | 12.7 | 38.0 |



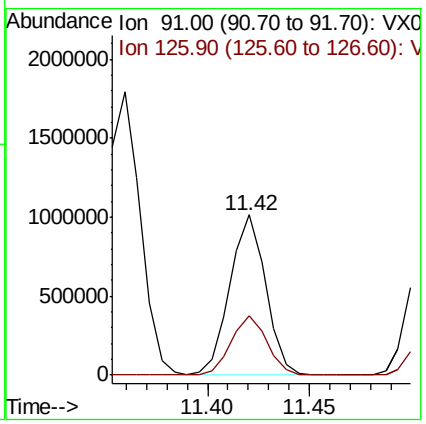


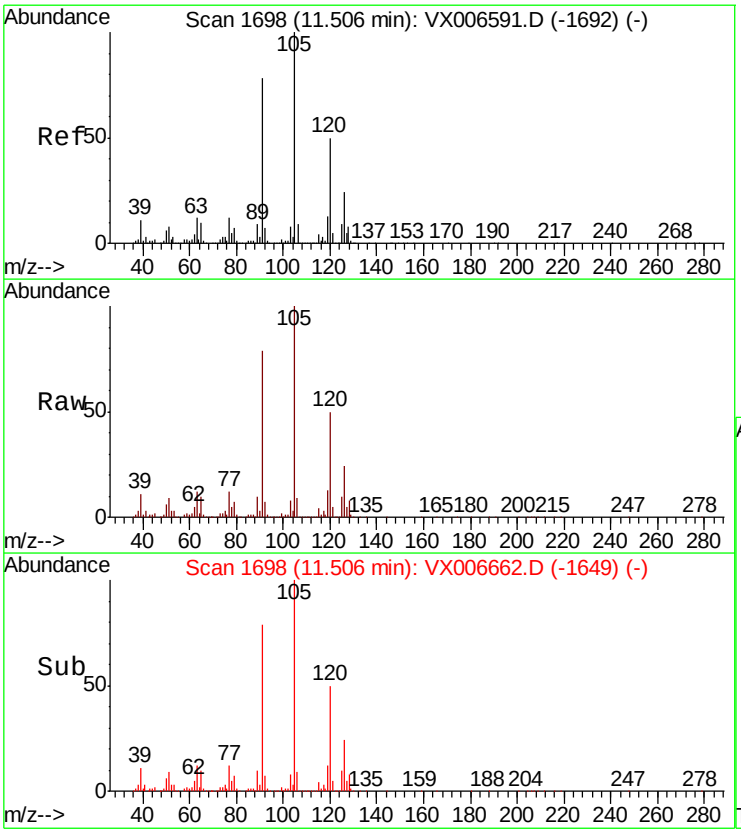

#79
2-Chlorotoluene
Concen: 49.867 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 91 Resp: 1228784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 37.2 | 18.6 | 56.0 |

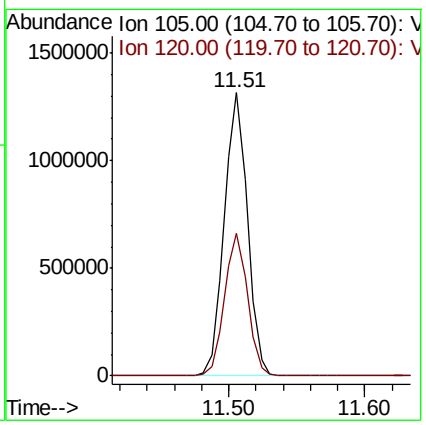


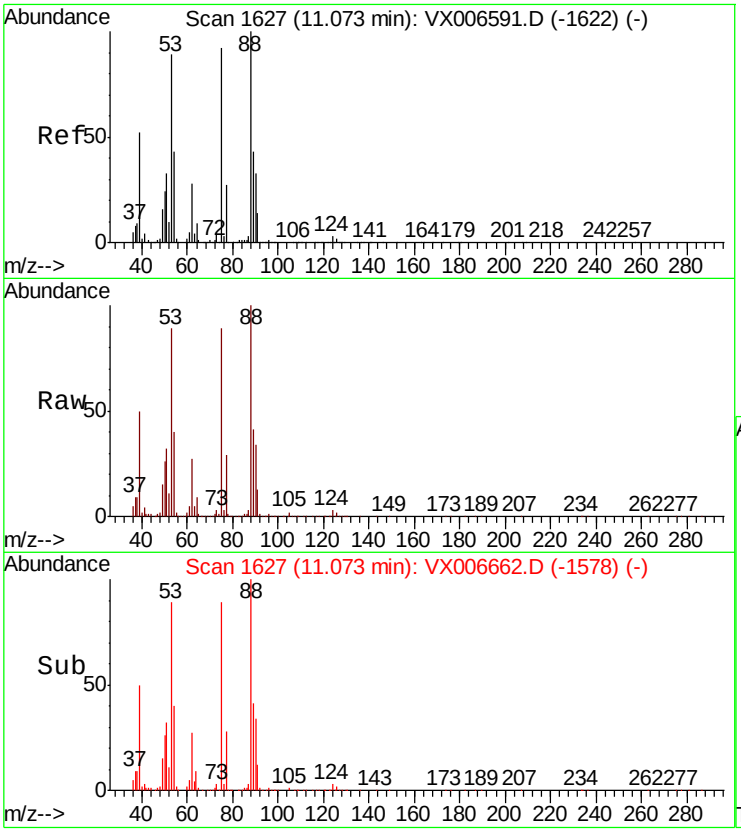




#80
1,3,5-Trimethylbenzene
Concen: 50.933 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:105 Resp: 1549044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.0 | 25.1 | 75.3 |



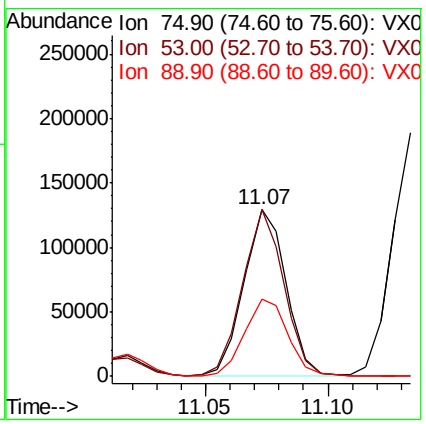


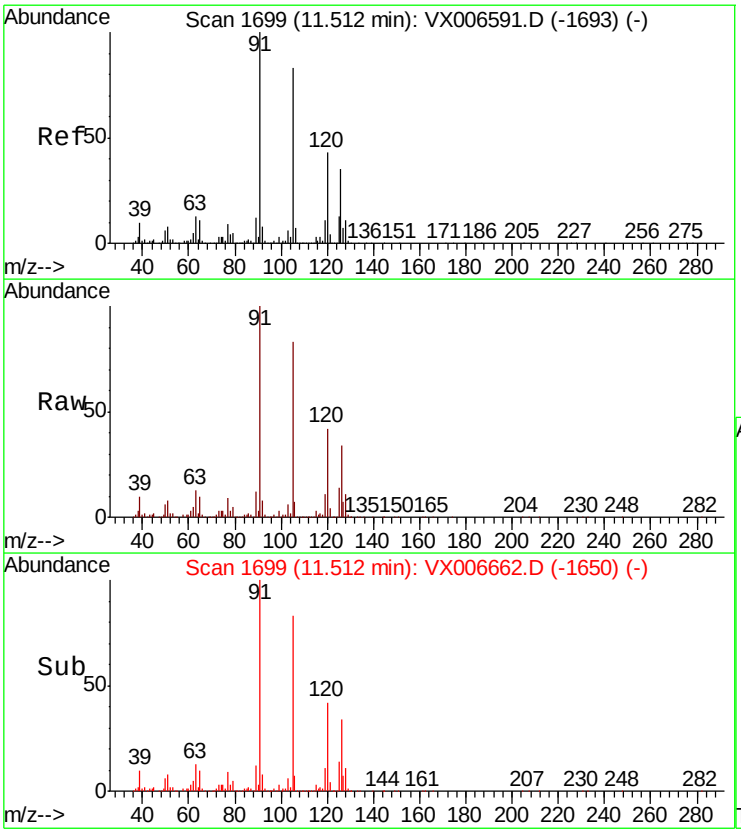

#81
trans-1,4-Dichloro-2-butene
Concen: 47.222 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 75 Resp: 154797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 98.6 | 79.7 | 119.5 |
| 89 | 48.2 | 38.0 | 57.0 |

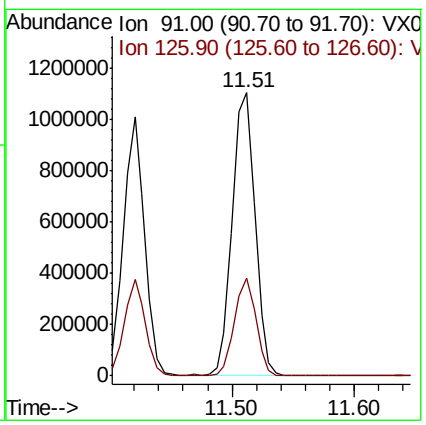


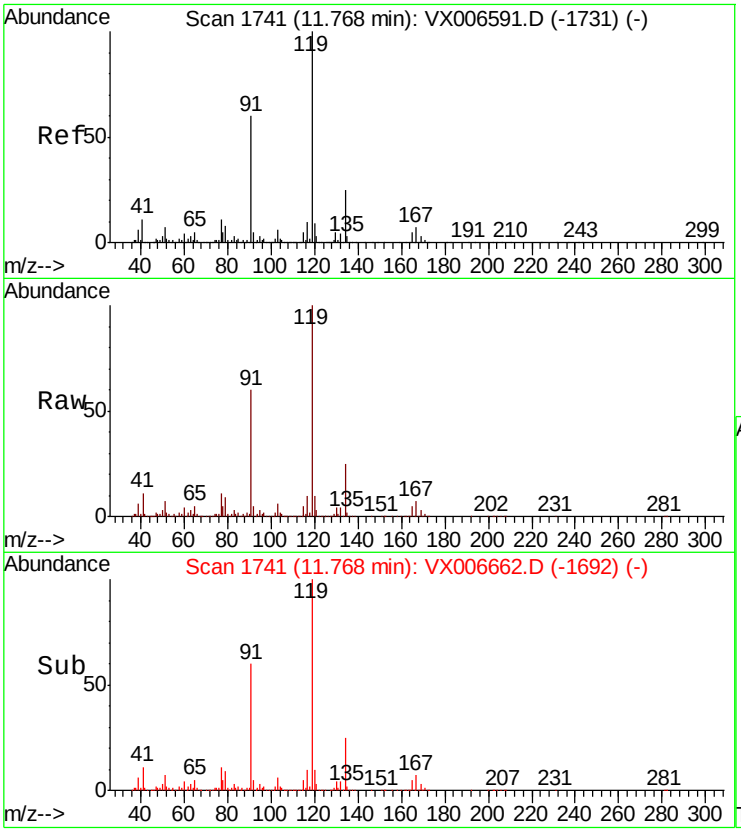




#82
4-Chlorotoluene
Concen: 50.333 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 91 Resp: 1422681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.8 | 16.3 | 48.9 |



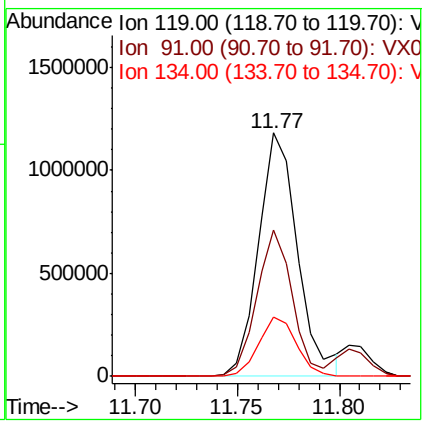


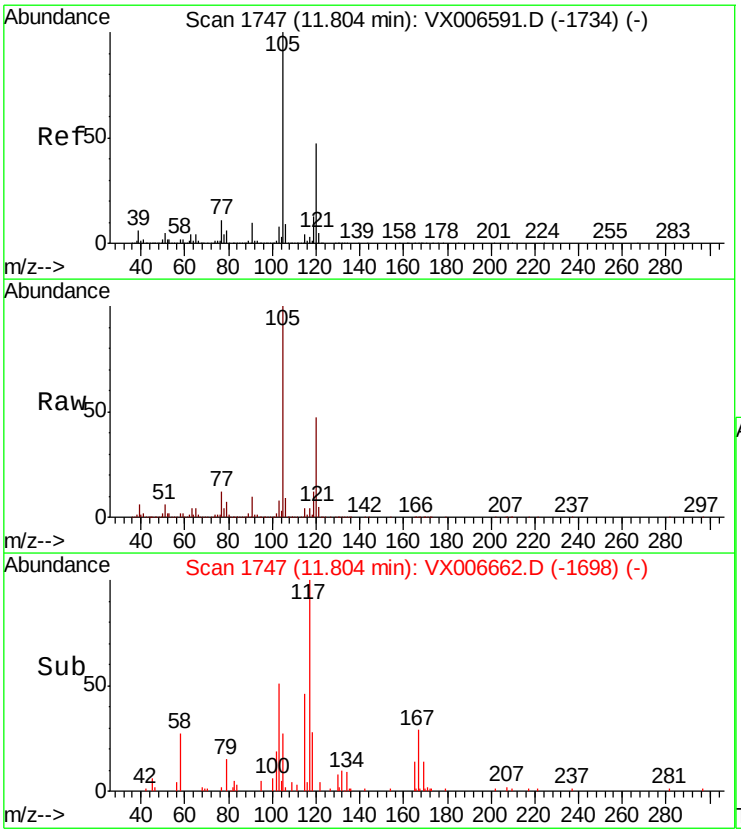

#83
tert-Butylbenzene
Concen: 51.875 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion:119 Resp: 1579027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 54.6 | 27.7 | 83.1 |
| 134 | 23.5 | 11.9 | 35.5 |

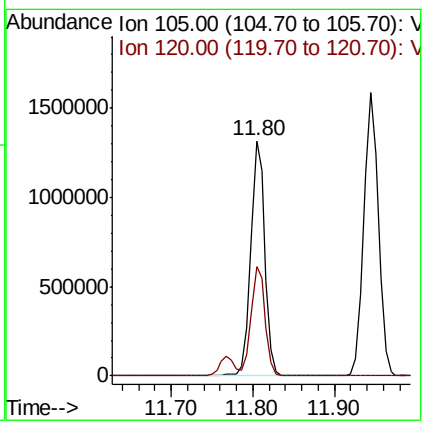


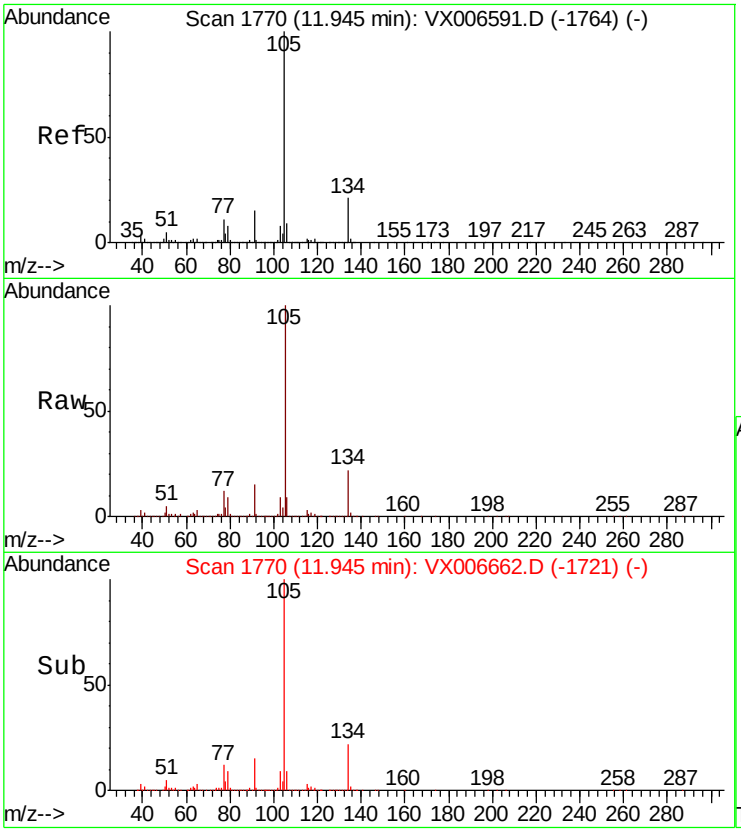




#84
1,2,4-Trimethylbenzene
Concen: 49.944 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:105 Resp: 1597702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.1 | 23.2 | 69.6 |



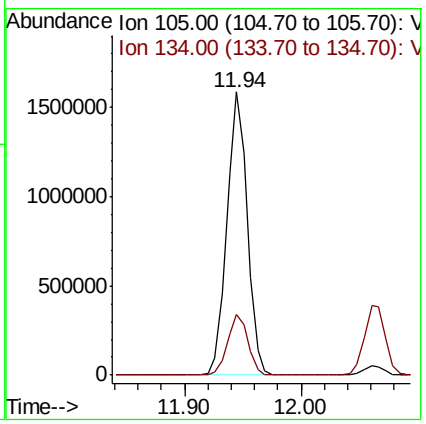


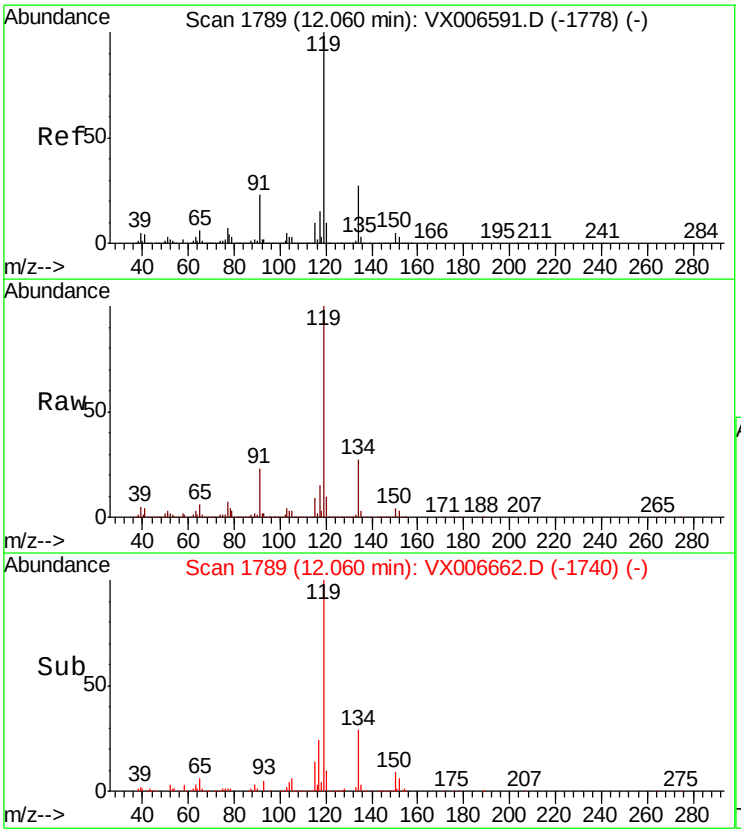

#85
sec-Butylbenzene
Concen: 51.450 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion:105 Resp: 1920148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.5 | 10.7 | 31.9 |

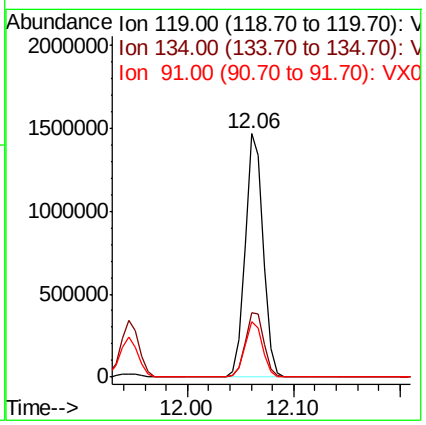


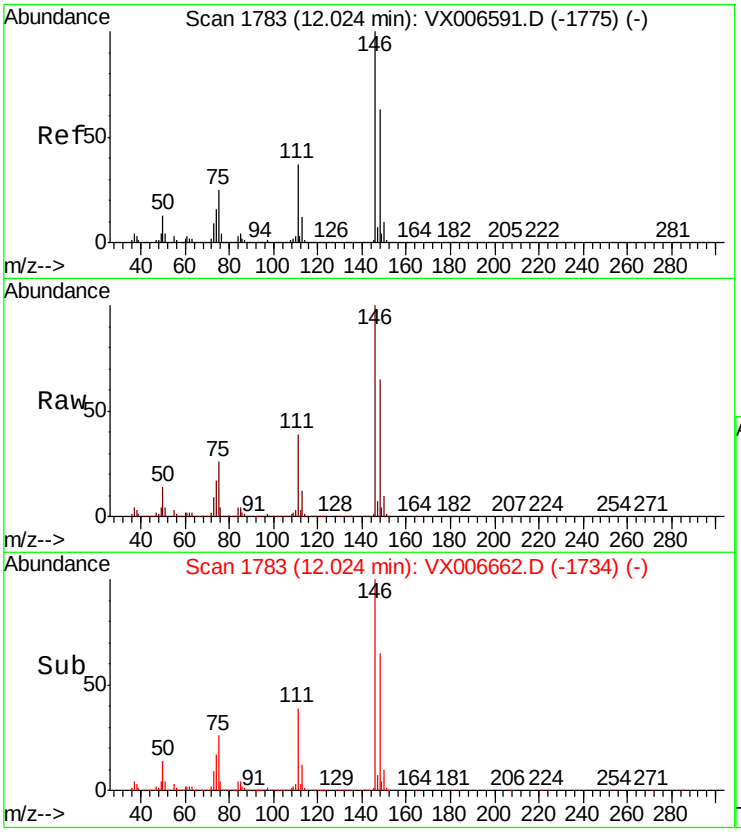




#86
p-Isopropyltoluene
Concen: 52.891 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:119 Resp: 1735161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.6 | 14.0 | 41.9 |
| 91 | 22.7 | 11.3 | 33.9 |



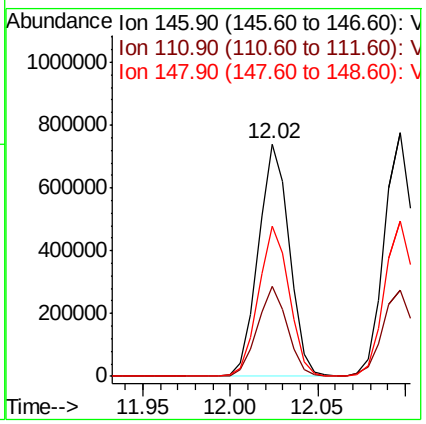


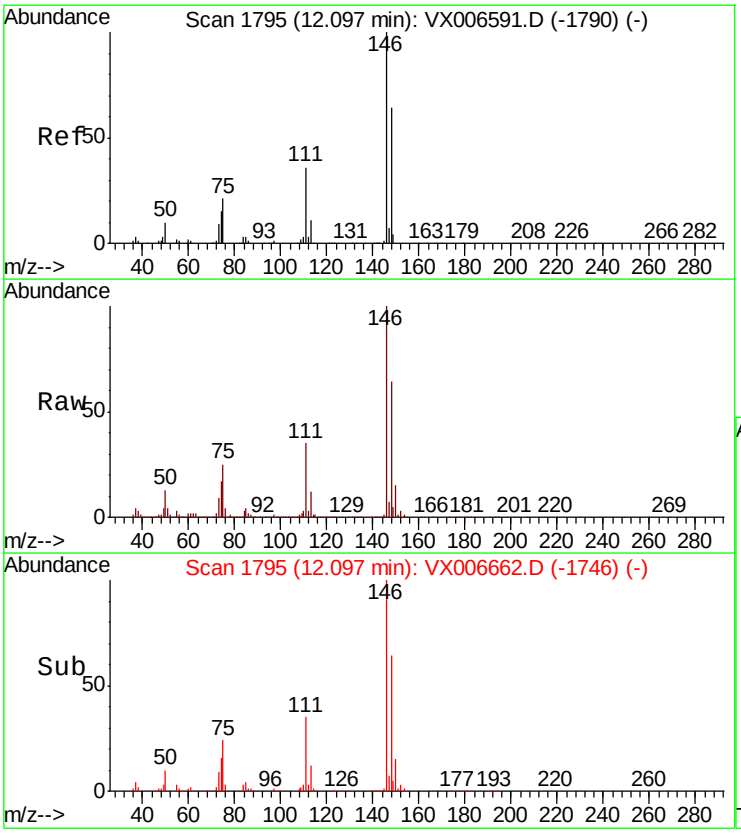

#87
1,3-Dichlorobenzene
Concen: 50.493 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion:146 Resp: 908444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.6 | 18.6 | 55.8 |
| 148 | 64.1 | 31.8 | 95.3 |

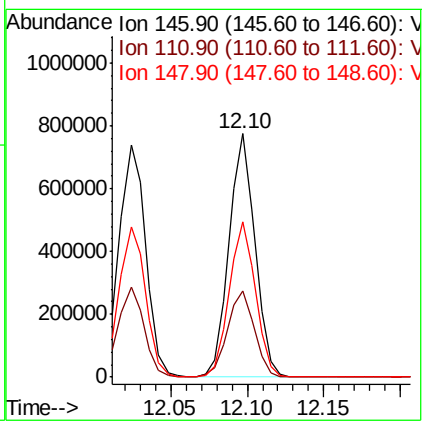


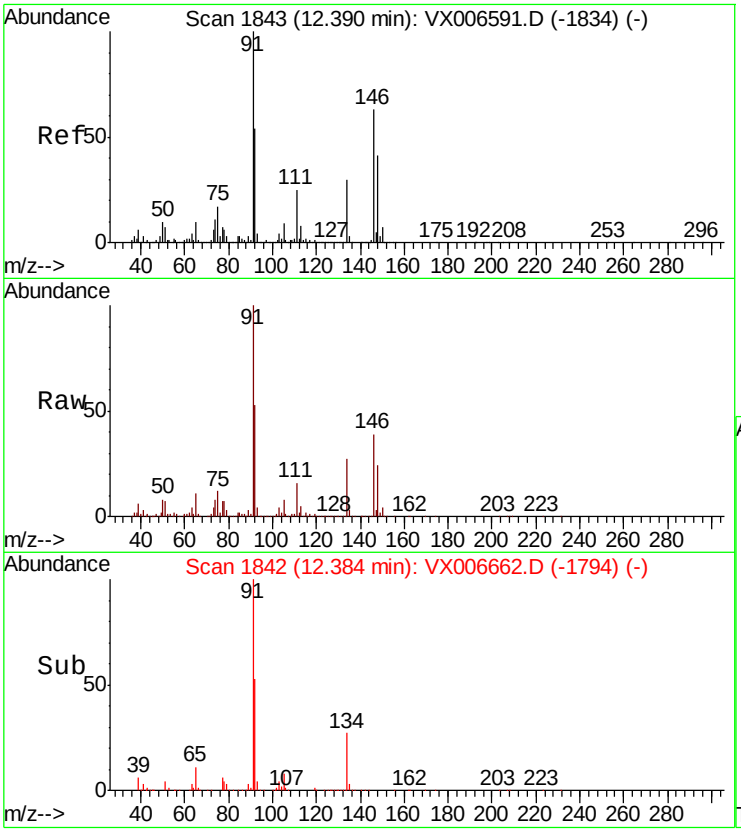




#88
1,4-Dichlorobenzene
Concen: 49.335 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:146 Resp: 909922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.8 | 18.1 | 54.1 |
| 148 | 64.6 | 31.9 | 95.9 |



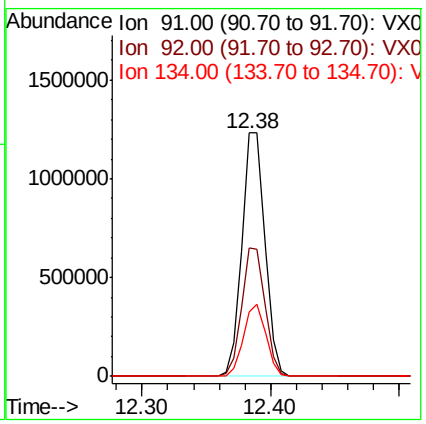


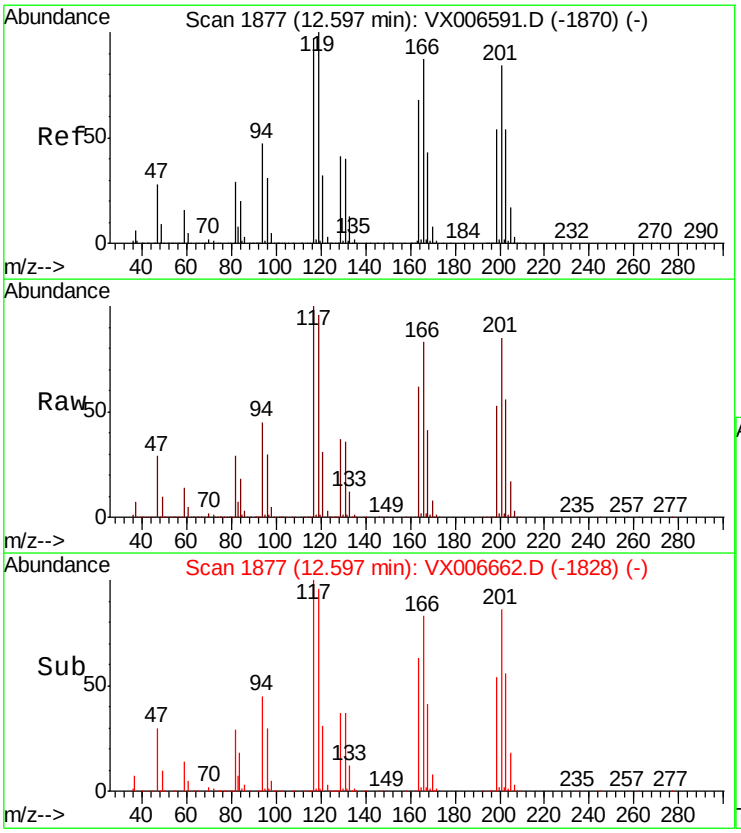

#89
n-Butylbenzene
Concen: 54.329 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion: 91 Resp: 1516852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.0 | 26.8 | 80.4 |
| 134 | 28.7 | 14.4 | 43.2 |

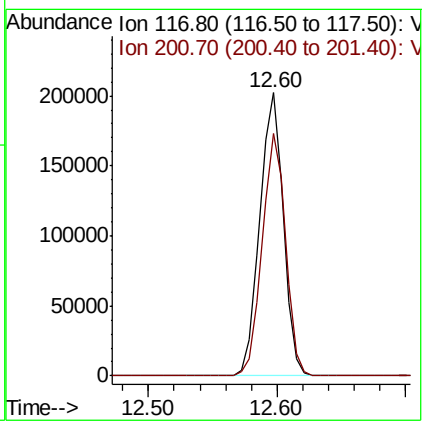


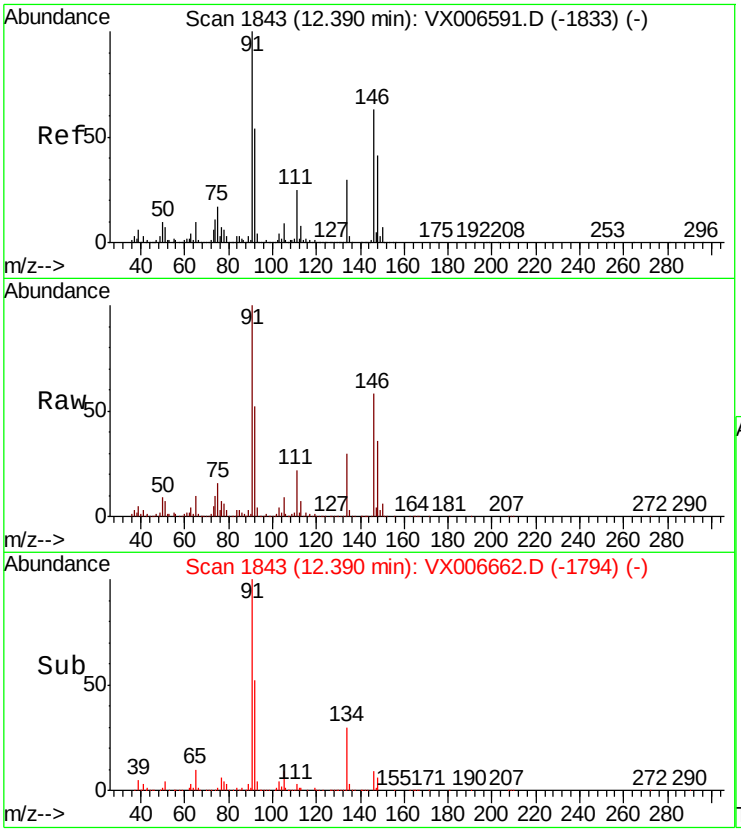




#90
Hexachloroethane
Concen: 49.519 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:117 Resp: 254072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 85.3 | 42.9 | 128.7 |



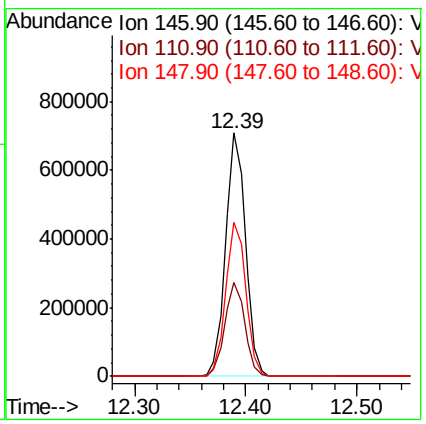


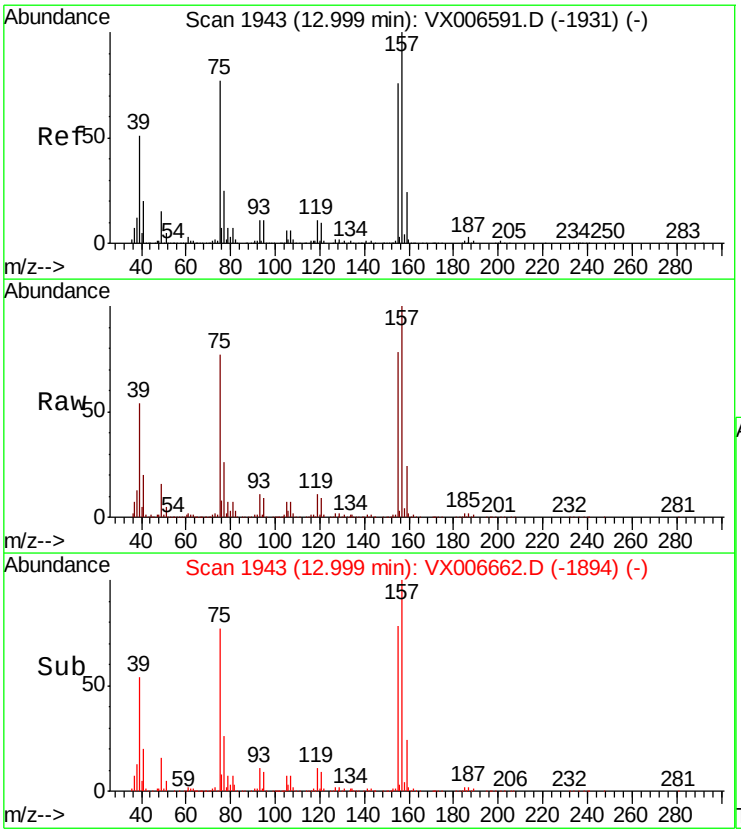

#91
1,2-Dichlorobenzene
Concen: 48.685 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion:146 Resp: 876225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.7 | 19.4 | 58.2 |
| 148 | 64.0 | 32.3 | 96.9 |

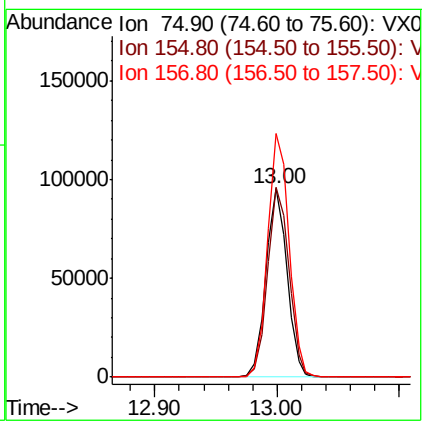


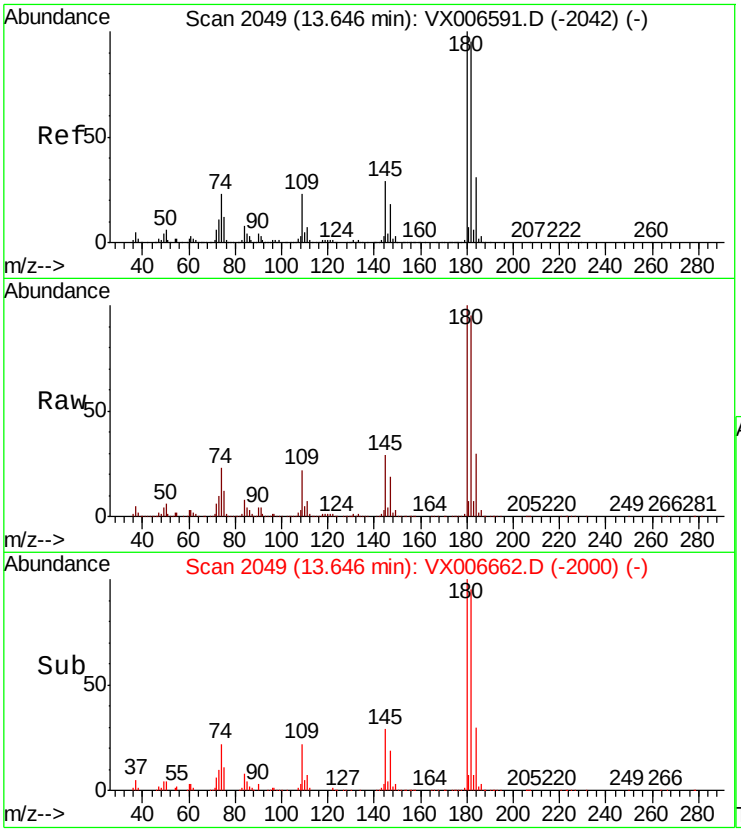




#92
1,2-Dibromo-3-Chloropropane
Concen: 50.524 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion: 75 Resp: 114802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 101.9 | 50.6 | 151.8 |
| 157 | 130.3 | 64.6 | 193.8 |



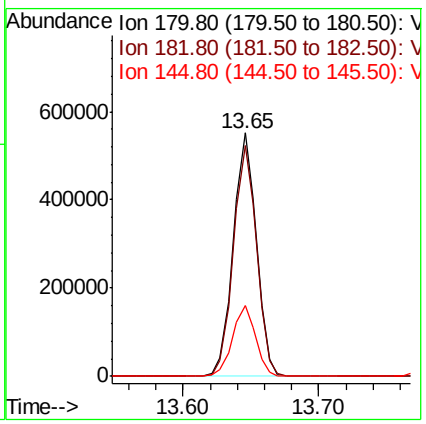


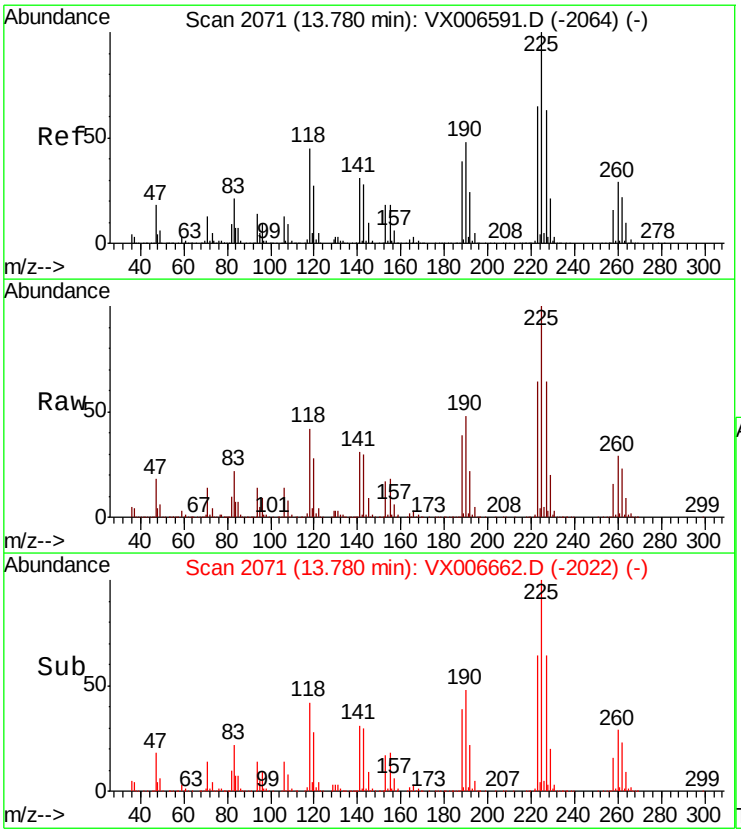

#93
1,2,4-Trichlorobenzene
Concen: 52.476 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion:180 Resp: 651470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.3 | 47.3 | 142.0 |
| 145 | 29.1 | 14.8 | 44.3 |

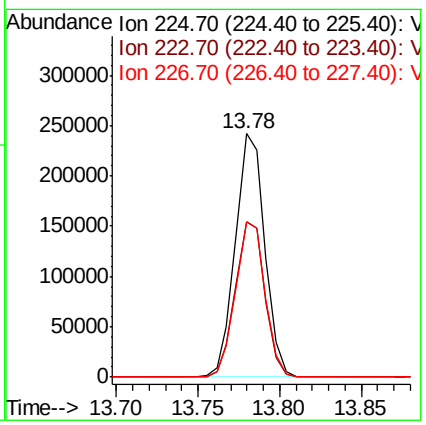


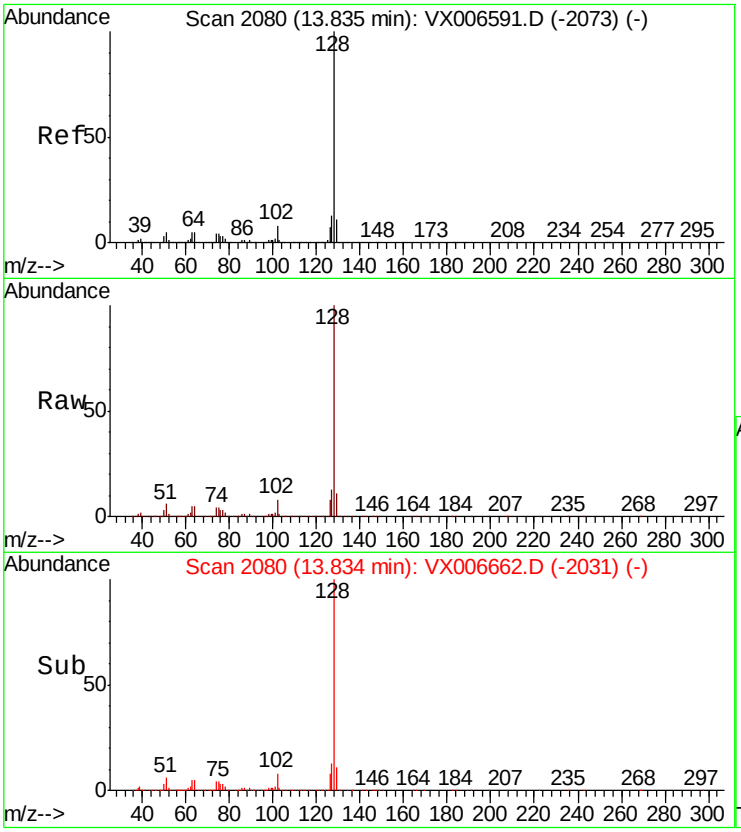




#94
Hexachlorobutadiene
Concen: 51.926 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:225 Resp: 303850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.1 | 32.1 | 96.3 |
| 227 | 64.4 | 32.3 | 96.8 |



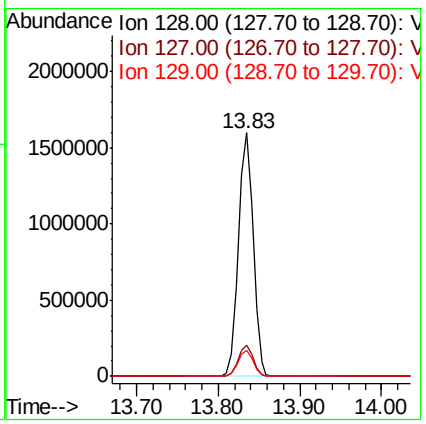


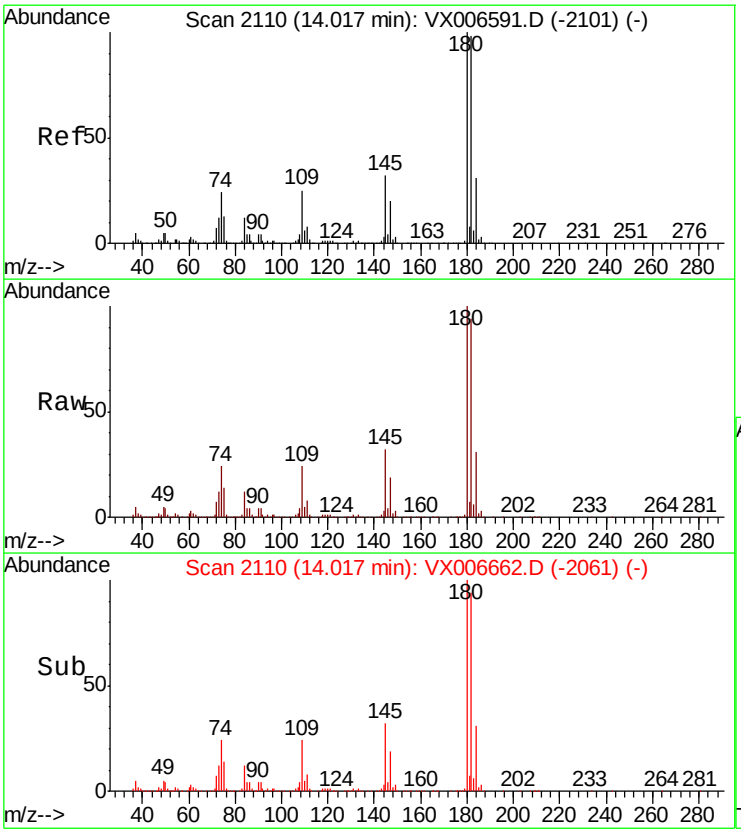

#95
Naphthalene
Concen: 49.639 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

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

Tgt Ion:128 Resp: 1966877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.9 | 10.1 | 15.1 |
| 129 | 10.8 | 8.6 | 13.0 |




#96
1,2,3-Trichlorobenzene
Concen: 50.387 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006662.D
Acq: 20 Dec 2018 09:00

Tgt Ion:180 Resp: 645857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.1 | 48.5 | 145.5 |
| 145 | 31.0 | 16.0 | 47.9 |