Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021419\
Data File : VX007516.D
Acq On : 13 Feb 2019 12:57
Operator : JC/SP
Sample : VX0214MBS01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VX0214MBS01

Quant Time: Feb 13 13:23:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 462616 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 689813 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 617390 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 306023 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 255036 | 51.94 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.88% | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 229576 | 51.15 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.30% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 829047 | 49.78 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.56% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 290271 | 47.74 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.48% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 97293 | 17.231 | ug/l | 98 |
| 3) Chloromethane | 1.33 | 50 | 83632 | 16.050 | ug/l | 99 |
| 4) Vinyl Chloride | 1.41 | 62 | 95760 | 18.733 | ug/l | 99 |
| 5) Bromomethane | 1.64 | 94 | 87011 | 16.890 | ug/l | 98 |
| 6) Chloroethane | 1.73 | 64 | 59060 | 17.860 | ug/l | 99 |
| 7) Trichlorofluoromethane | 1.93 | 101 | 150730 | 18.849 | ug/l | 100 |
| 8) Diethyl Ether | 2.19 | 74 | 55369 | 18.396 | ug/l | 97 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 84168 | 17.695 | ug/l | 98 |
| 10) Methyl Iodide | 2.51 | 142 | 110539 | 15.797 | ug/l | 98 |
| 11) Tert butyl alcohol | 3.07 | 59 | 104855 | 103.185 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.38 | 96 | 77851 | 17.625 | ug/l | 100 |
| 13) Acrolein | 2.30 | 56 | 42367 | 88.909 | ug/l | 98 |
| 14) Allyl chloride | 2.73 | 41 | 139145 | 19.334 | ug/l | 99 |
| 15) Acrylonitrile | 3.15 | 53 | 252429 | 100.416 | ug/l | 99 |
| 16) Acetone | 2.45 | 43 | 239177 | 106.335 | ug/l | 98 |
| 17) Carbon Disulfide | 2.57 | 76 | 186516 | 17.584 | ug/l | 99 |
| 18) Methyl Acetate | 2.78 | 43 | 138880 | 24.010 | ug/l | 97 |
| 19) Methyl tert-butyl Ether | 3.20 | 73 | 267872 | 18.719 | ug/l | 98 |
| 20) Methylene Chloride | 2.86 | 84 | 86063 | 18.485 | ug/l | 95 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 82366 | 17.505 | ug/l | 98 |
| 22) Diisopropyl ether | 3.87 | 45 | 253762 | 19.169 | ug/l | 98 |
| 23) Vinyl Acetate | 3.82 | 43 | 1063288 | 96.789 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 145460 | 19.133 | ug/l | 99 |
| 25) 2-Butanone | 4.70 | 43 | 338078 | 105.617 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.58 | 77 | 107760 | 18.612 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 95407 | 18.564 | ug/l | 98 |
| 28) Bromochloromethane | 5.02 | 49 | 67804 | 19.394 | ug/l | 99 |
| 29) Tetrahydrofuran | 5.15 | 42 | 212866 | 105.735 | ug/l | 99 |
| 30) Chloroform | 5.22 | 83 | 153068 | 19.295 | ug/l | 96 |
| 31) Cyclohexane | 5.57 | 56 | 119981 | 17.572 | ug/l | 95 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 131355 | 19.616 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.80 | 75 | 105341 | 17.020 | ug/l | 98 |
| 37) Ethyl Acetate | 4.85 | 43 | 119539 | 19.106 | ug/l | 98 |
| 38) Carbon Tetrachloride | 5.78 | 117 | 112784 | 18.783 | ug/l | 96 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021419\
Data File : VX007516.D
Acq On : 13 Feb 2019 12:57
Operator : JC/SP
Sample : VX0214MBS01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VX0214MBS01

Quant Time: Feb 13 13:23:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 128168 | 17.116 ug/l | 99 |
| 40) Benzene | 6.15 | 78 | 334657 | 18.356 ug/l | 97 |
| 41) Methacrylonitrile | 5.06 | 41 | 68019 | 20.285 ug/l | 98 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 112833 | 17.887 ug/l | 98 |
| 43) Isopropyl Acetate | 6.46 | 43 | 183597 | 19.011 ug/l | 99 |
| 44) Trichloroethene | 7.21 | 130 | 99585 | 18.136 ug/l | 97 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 84261 | 18.446 ug/l | 100 |
| 46) Dibromomethane | 7.66 | 93 | 61094 | 18.401 ug/l | 98 |
| 47) Bromodichloromethane | 7.90 | 83 | 106123 | 18.860 ug/l | 99 |
| 48) Methyl methacrylate | 7.77 | 41 | 95286 | 19.726 ug/l | 97 |
| 49) 1,4-Dioxane | 7.75 | 88 | 46615 | 428.297 ug/l | 96 |
| 51) 4-Methyl-2-Pentanone | 8.65 | 43 | 635061 | 99.894 ug/l | 100 |
| 52) Toluene | 8.79 | 92 | 213026 | 18.110 ug/l | 99 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 109285 | 18.082 ug/l | 99 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 125282 | 18.849 ug/l | 97 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 91114 | 18.582 ug/l | 98 |
| 56) Ethyl methacrylate | 9.18 | 69 | 126019 | 18.556 ug/l | 99 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 144976 | 18.592 ug/l | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.31 | 63 | 352879 | 98.584 ug/l | 100 |
| 59) 2-Hexanone | 9.49 | 43 | 488190 | 98.683 ug/l | 99 |
| 60) Dibromochloromethane | 9.59 | 129 | 87306 | 18.827 ug/l | 94 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 96713 | 18.625 ug/l | 98 |
| 64) Tetrachloroethene | 9.34 | 164 | 97636 | 16.779 ug/l | 99 |
| 65) Chlorobenzene | 10.14 | 112 | 242410 | 17.993 ug/l | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 88782 | 19.655 ug/l | 99 |
| 67) Ethyl Benzene | 10.25 | 91 | 394336 | 18.175 ug/l | 100 |
| 68) m/p-Xylenes | 10.36 | 106 | 309303 | 35.863 ug/l | 99 |
| 69) o-Xylene | 10.69 | 106 | 154013 | 18.558 ug/l | 98 |
| 70) Styrene | 10.71 | 104 | 239297 | 17.780 ug/l | 100 |
| 71) Bromoform | 10.85 | 173 | 65548 | 19.241 ug/l # | 99 |
| 73) Isopropylbenzene | 11.02 | 105 | 399499 | 19.210 ug/l | 99 |
| 74) N-amyl acetate | 10.90 | 43 | 159348 | 19.810 ug/l | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 132582 | 20.919 ug/l | 100 |
| 76) 1,2,3-Trichloropropane | 11.29 | 75 | 147984 | 24.861 ug/l | 81 |
| 77) Bromobenzene | 11.26 | 156 | 108935 | 18.592 ug/l | 98 |
| 78) n-propylbenzene | 11.36 | 91 | 441128 | 19.344 ug/l | 100 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 262803 | 18.993 ug/l | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 329473 | 19.365 ug/l | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 33646 | 20.222 ug/l | 96 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 303488 | 18.955 ug/l | 99 |
| 83) tert-Butylbenzene | 11.77 | 119 | 324655 | 19.274 ug/l | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 335526 | 19.425 ug/l | 99 |
| 85) sec-Butylbenzene | 11.94 | 105 | 392305 | 19.243 ug/l | 100 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 355579 | 19.321 ug/l | 100 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 192487 | 18.305 ug/l | 99 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 190787 | 17.883 ug/l | 98 |
| 89) n-Butylbenzene | 12.39 | 91 | 287688 | 18.172 ug/l | 100 |
| 90) Hexachloroethane | 12.60 | 117 | 54508 | 19.790 ug/l | 95 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 192038 | 18.350 ug/l | 100 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 27526 | 20.888 ug/l | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021419\
Data File : VX007516.D
Acq On : 13 Feb 2019 12:57
Operator : JC/SP
Sample : VX0214MBS01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VX0214MBS01

Quant Time: Feb 13 13:23:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 125709 | 17.812 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 61257 | 17.875 | ug/l | 99 |
| 95) Naphthalene | 13.83 | 128 | 399375 | 19.351 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 128693 | 18.116 | ug/l | 99 |

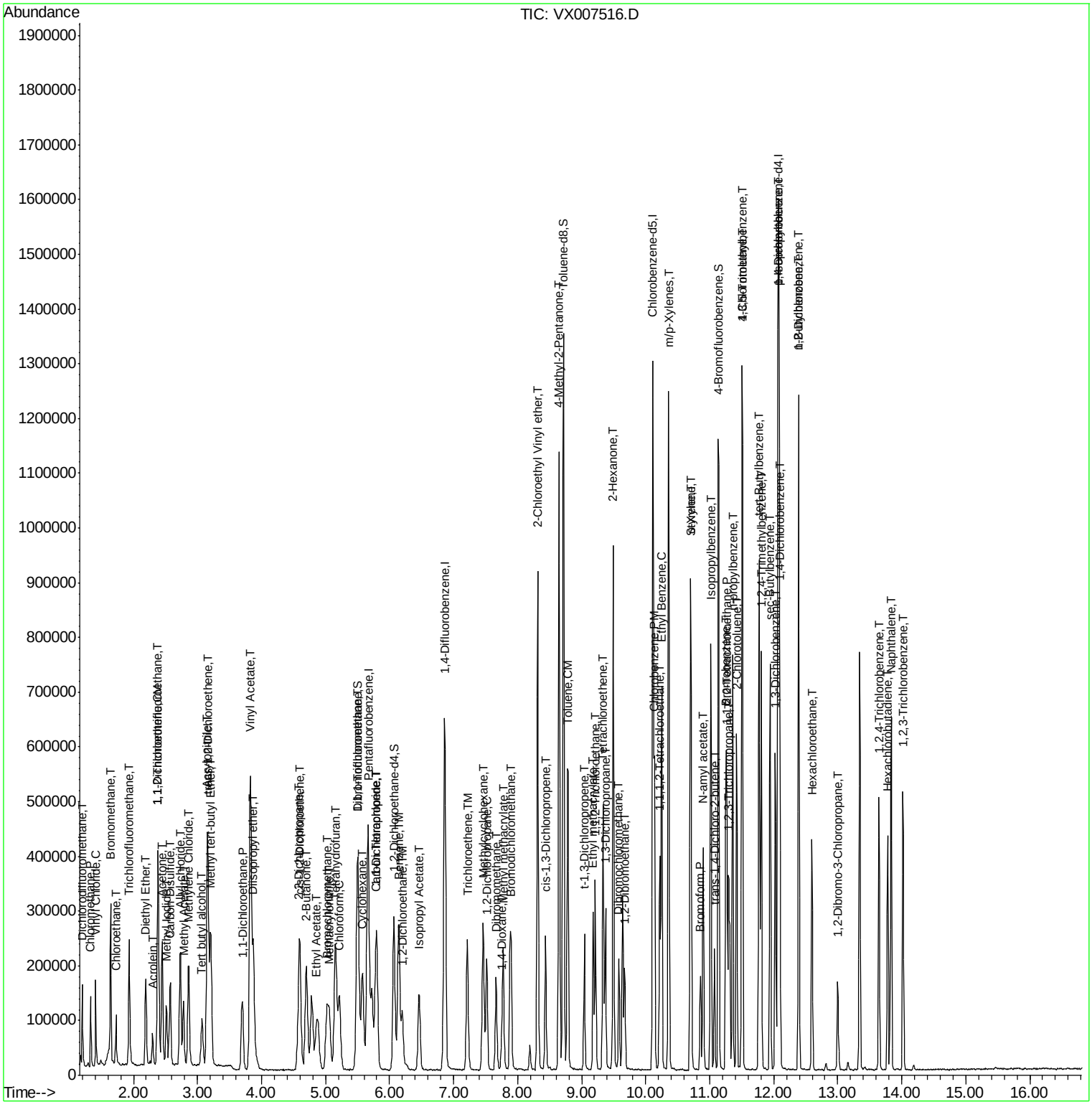
(#) = qualifier out of range (m) = manual integration (+) = signals summed

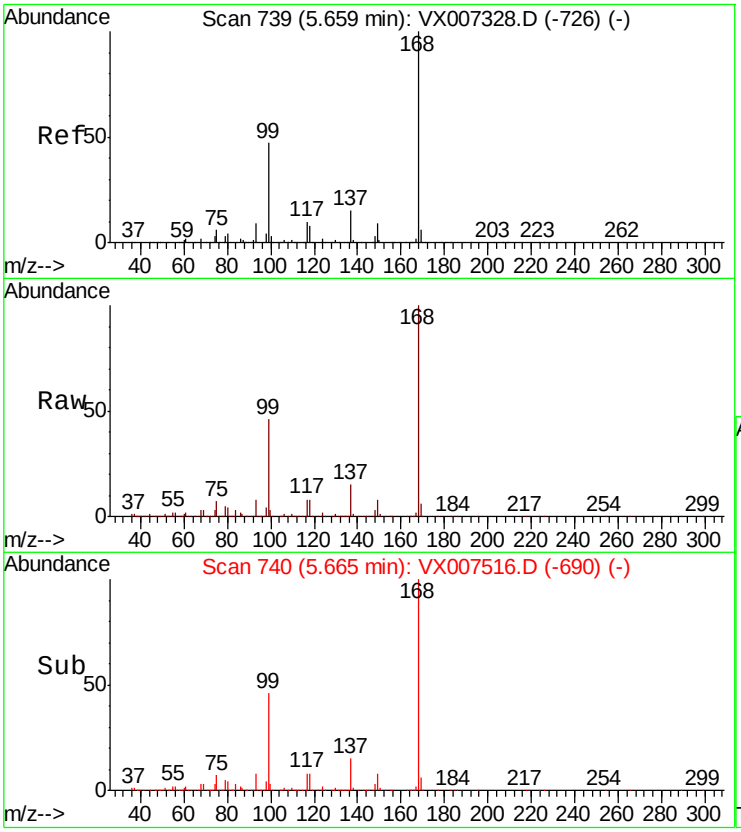
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021419\
Data File : VX007516.D
Acq On : 13 Feb 2019 12:57
Operator : JC/SP
Sample : VX0214MBS01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Quant Time: Feb 13 13:23:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration



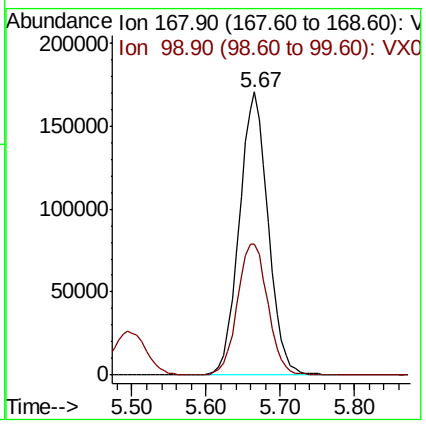


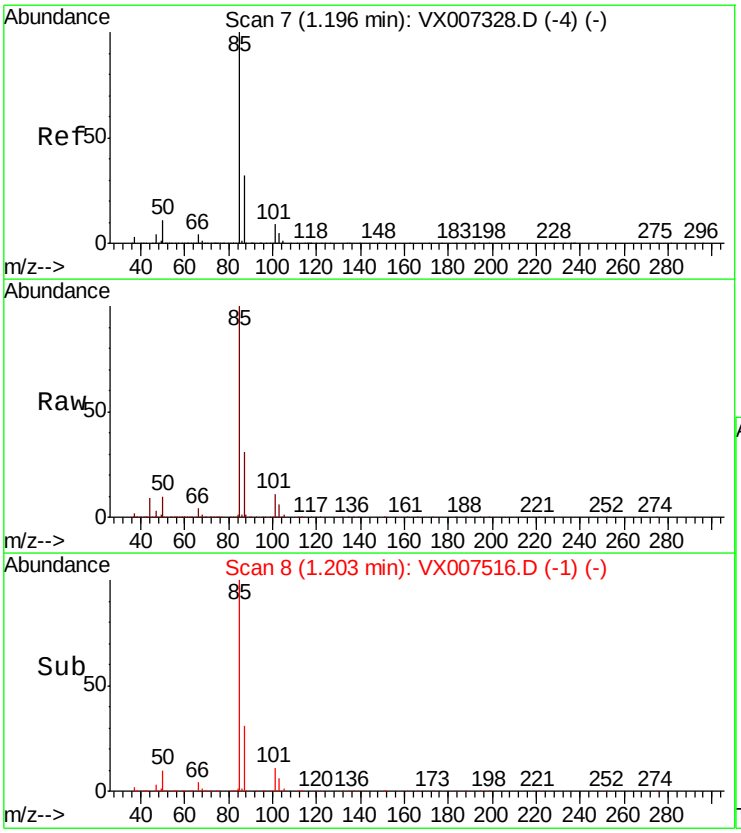

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion:168 Resp: 462616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 46.4 | 37.9 | 56.9 |

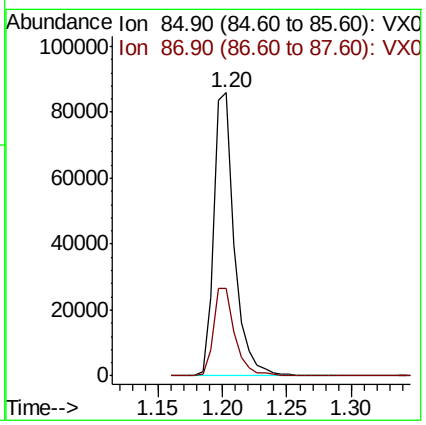


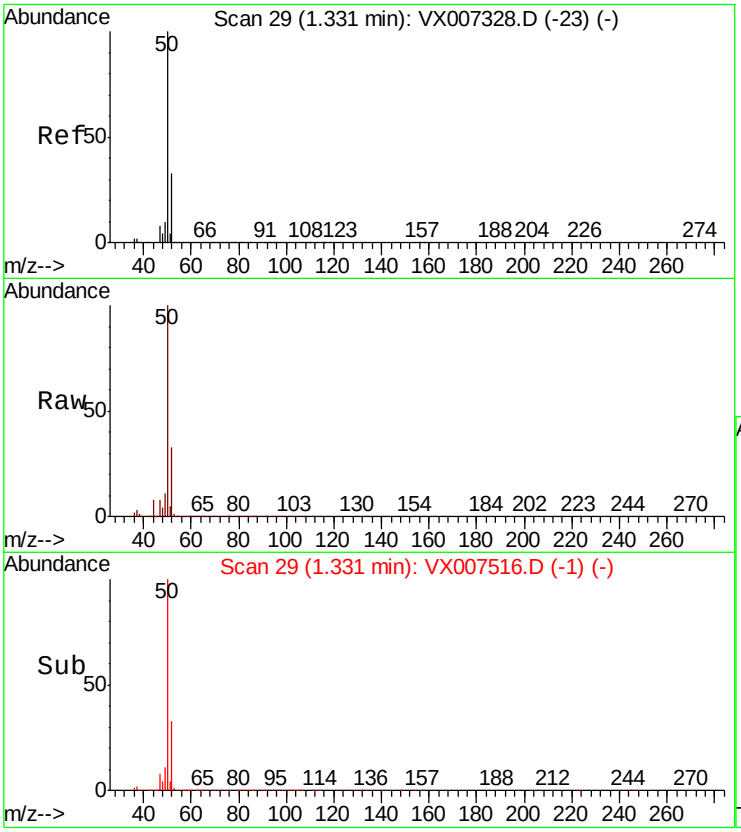




#2
Dichlorodifluoromethane
Concen: 17.231 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 85 Resp: 97293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 30.7 | 15.8 | 47.4 |



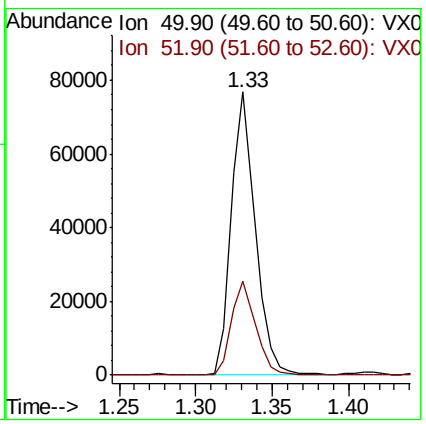


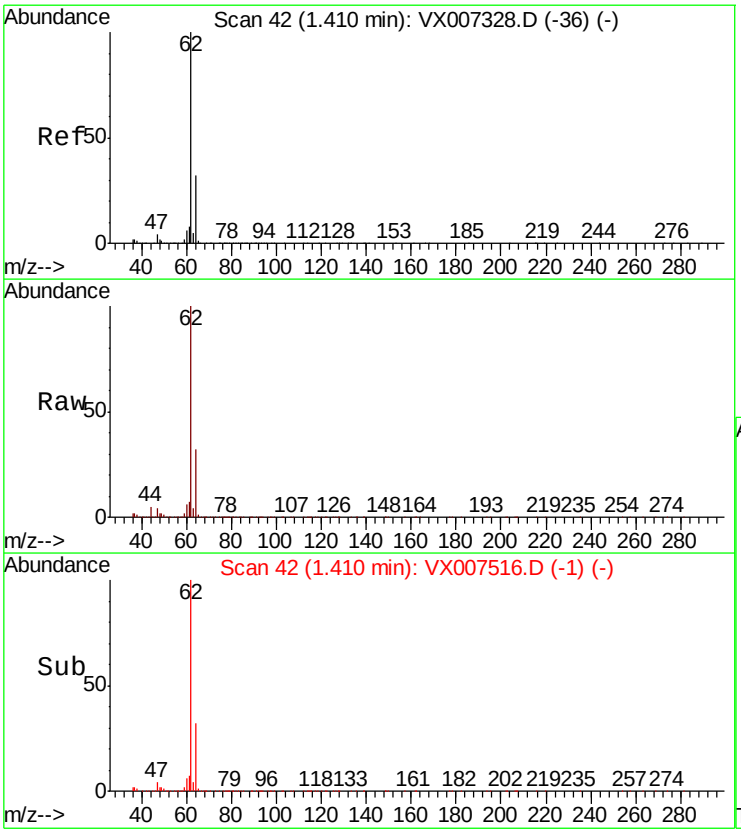

#3
Chloromethane
Concen: 16.050 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 50 Resp: 83632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.2 | 26.1 | 39.1 |

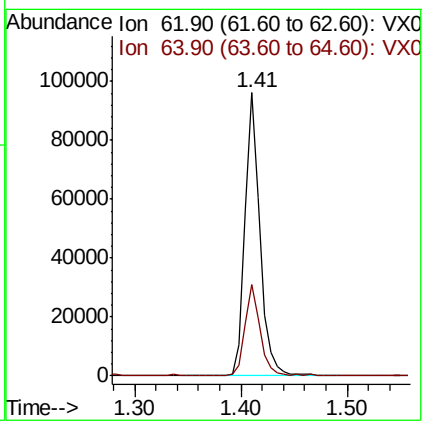


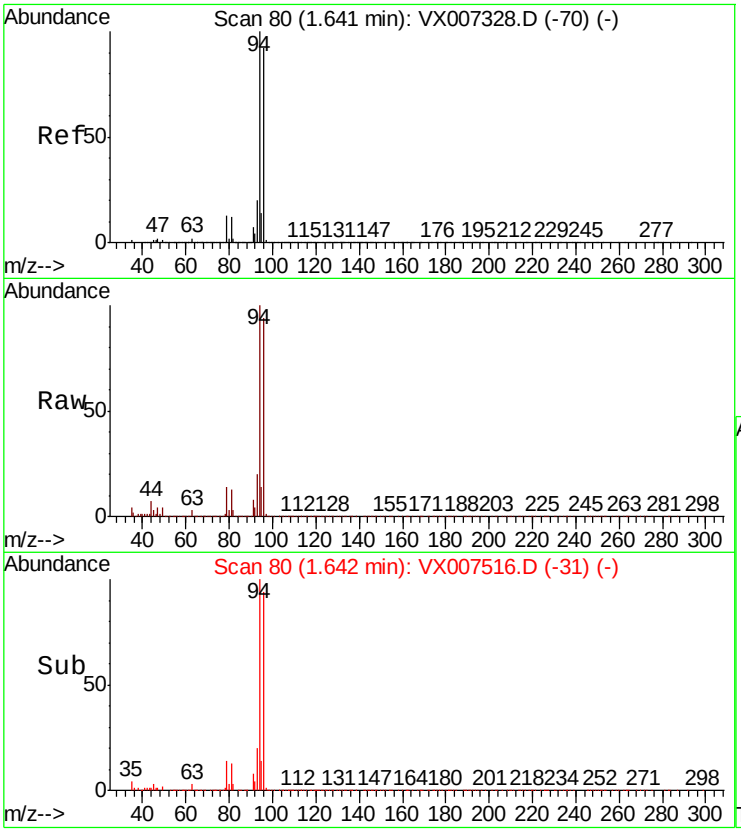




#4
Vinyl Chloride
Concen: 18.733 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 62 Resp: 95760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.1 | 25.4 | 38.0 |



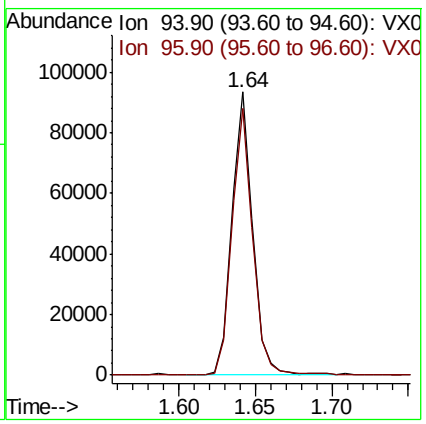


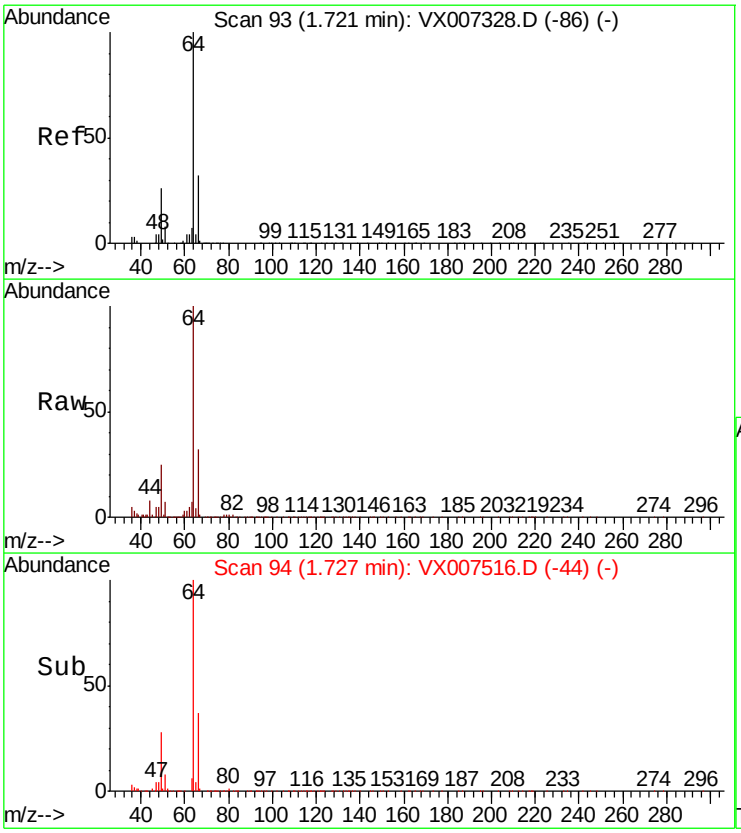

#5
Bromomethane
Concen: 16.890 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 94 Resp: 87011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.2 | 73.9 | 110.9 |

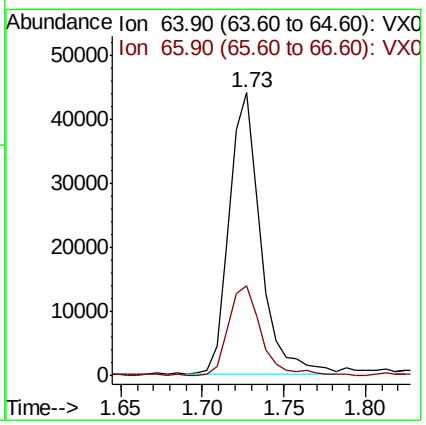


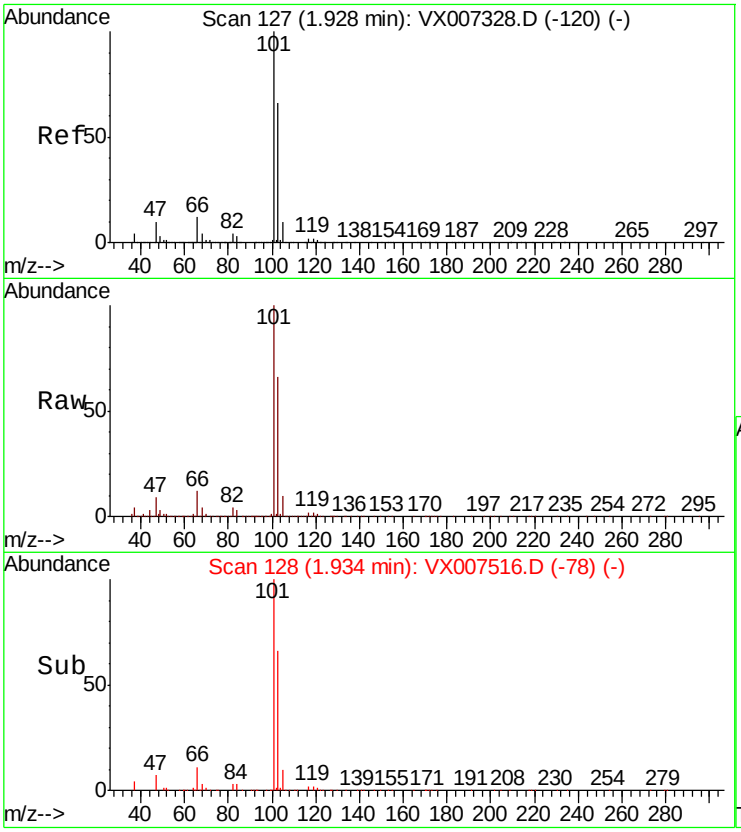




#6
Chloroethane
Concen: 17.860 ug/l
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 64 Resp: 59060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.5 | 25.5 | 38.3 |



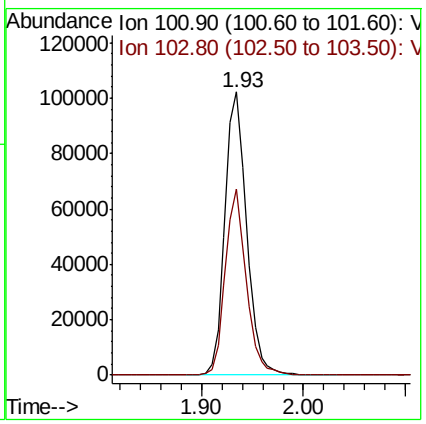


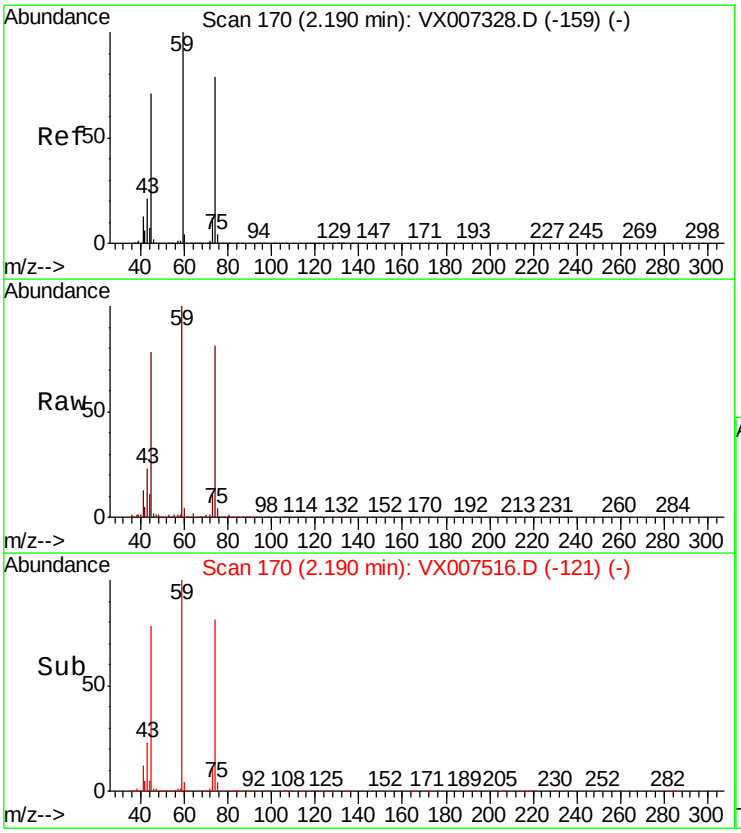

#7
Trichlorofluoromethane
Concen: 18.849 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion:101 Resp: 150730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.5 | 52.6 | 79.0 |

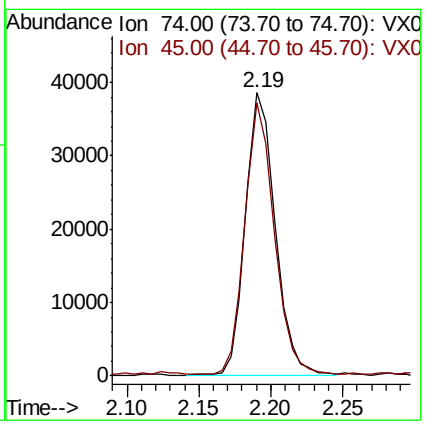


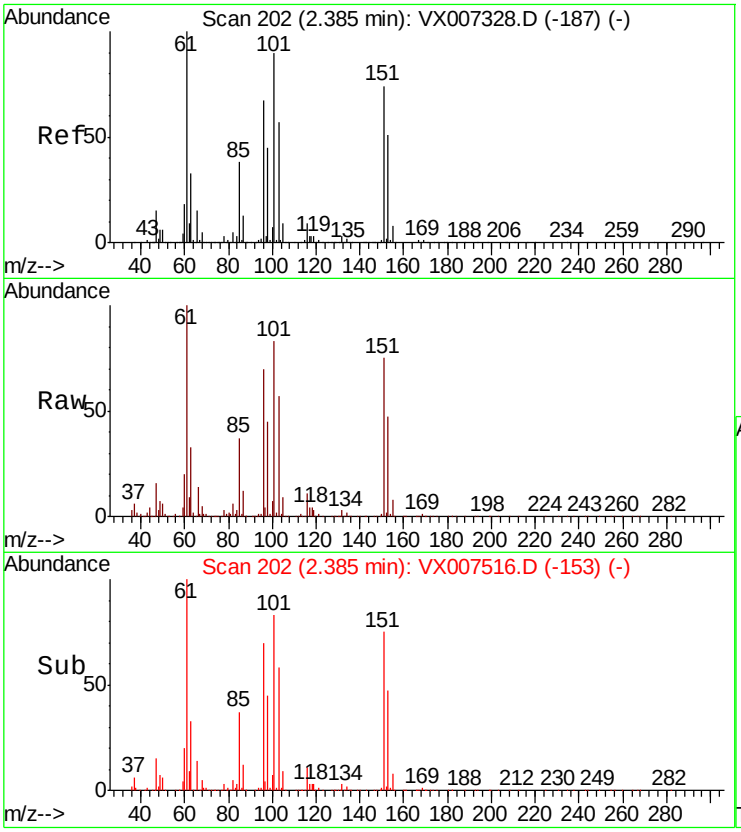




#8
Diethyl Ether
Concen: 18.396 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 74 Resp: 55369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 94.7 | 45.7 | 137.1 |



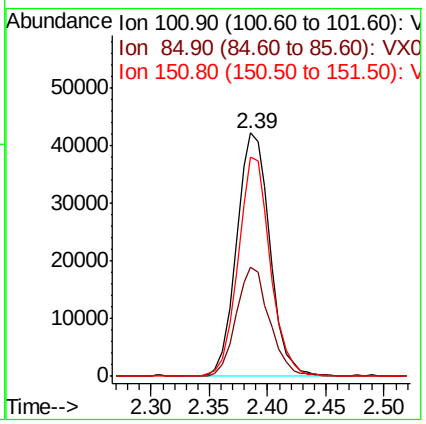


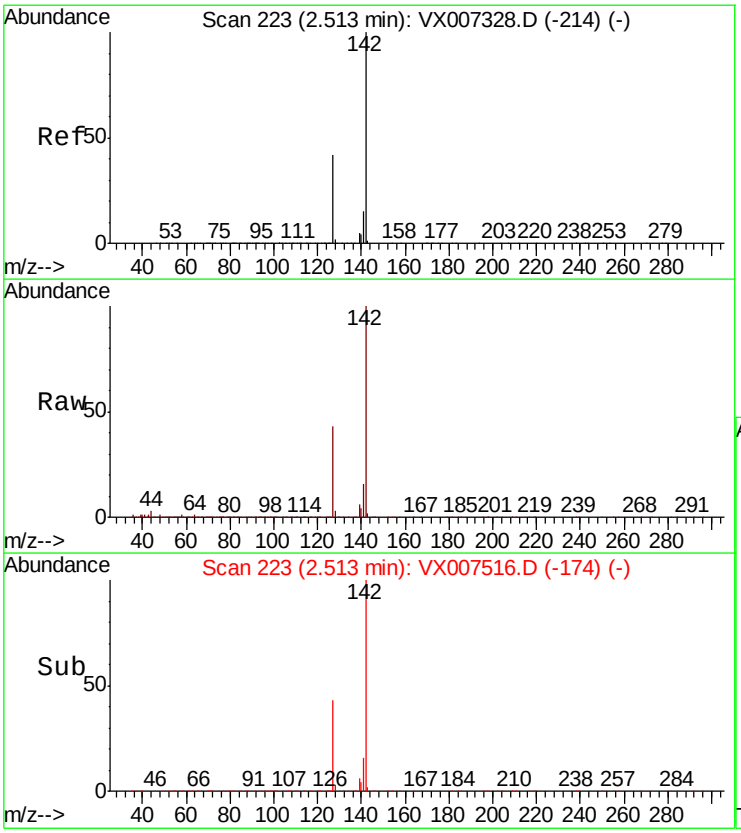

#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.695 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion:101 Resp: 84168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 45.2 | 34.1 | 51.1 |
| 151 | 87.1 | 69.9 | 104.9 |

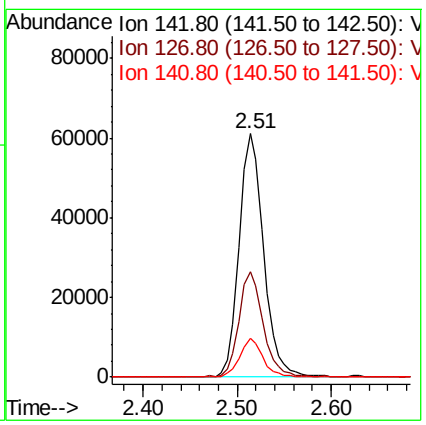


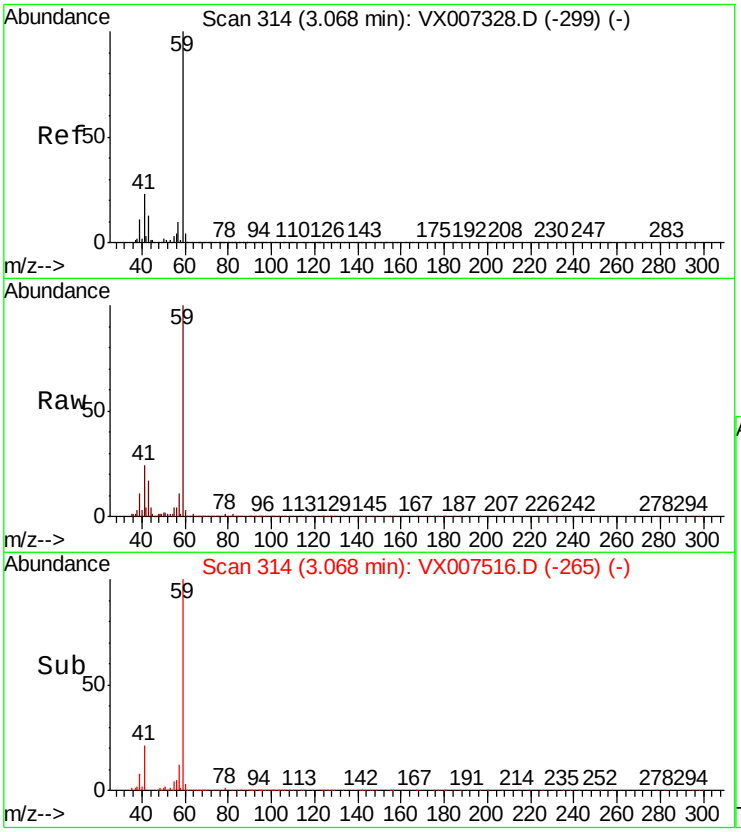




#10
Methyl Iodide
Concen: 15.797 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion:142 Resp: 110539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 42.9 | 33.7 | 50.5 |
| 141 | 15.2 | 11.3 | 16.9 |



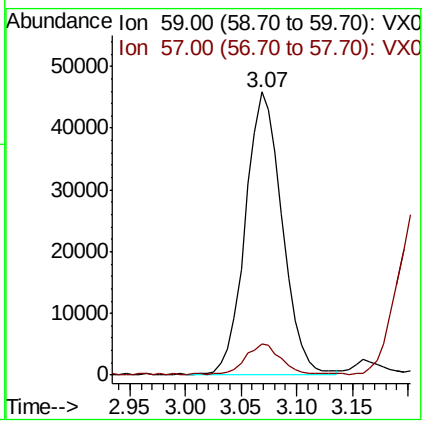


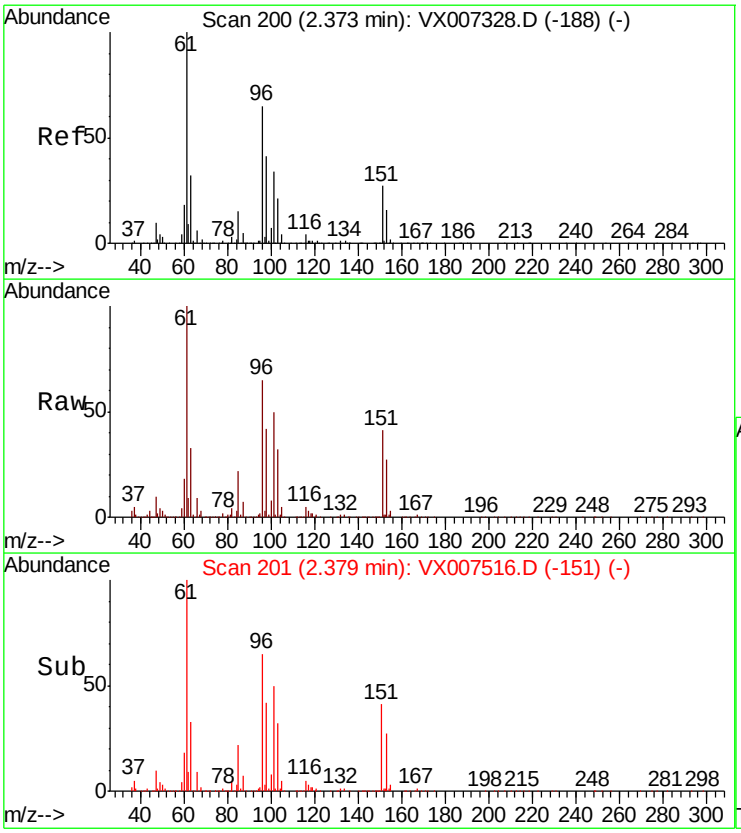

#11
Tert butyl alcohol
Concen: 103.185 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 59 Resp: 104855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.4 | 8.1 | 12.1 |

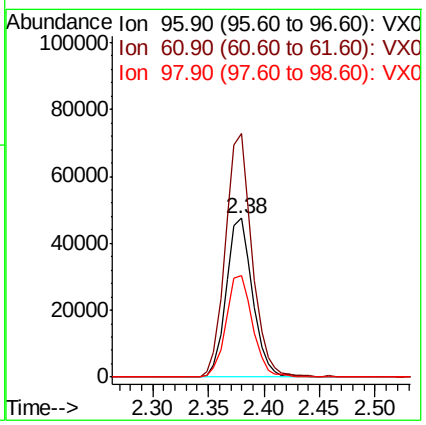


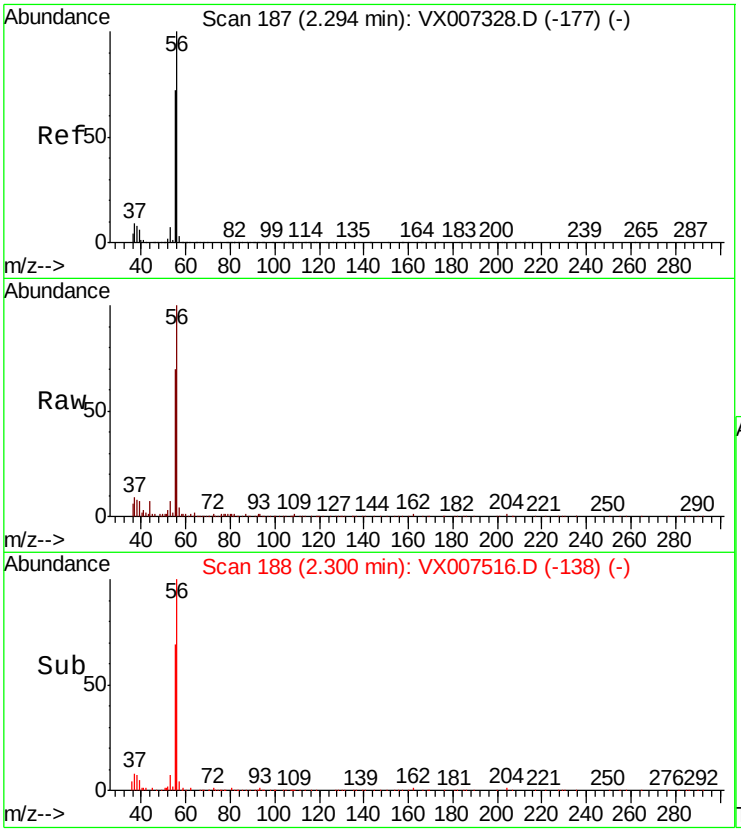




#12
1,1-Dichloroethene
Concen: 17.625 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 96 Resp: 77851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 153.0 | 123.0 | 184.4 |
| 98 | 63.7 | 50.9 | 76.3 |



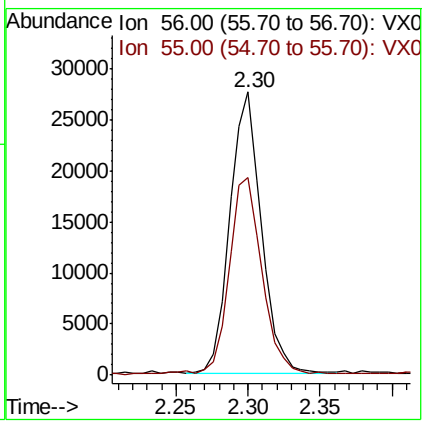


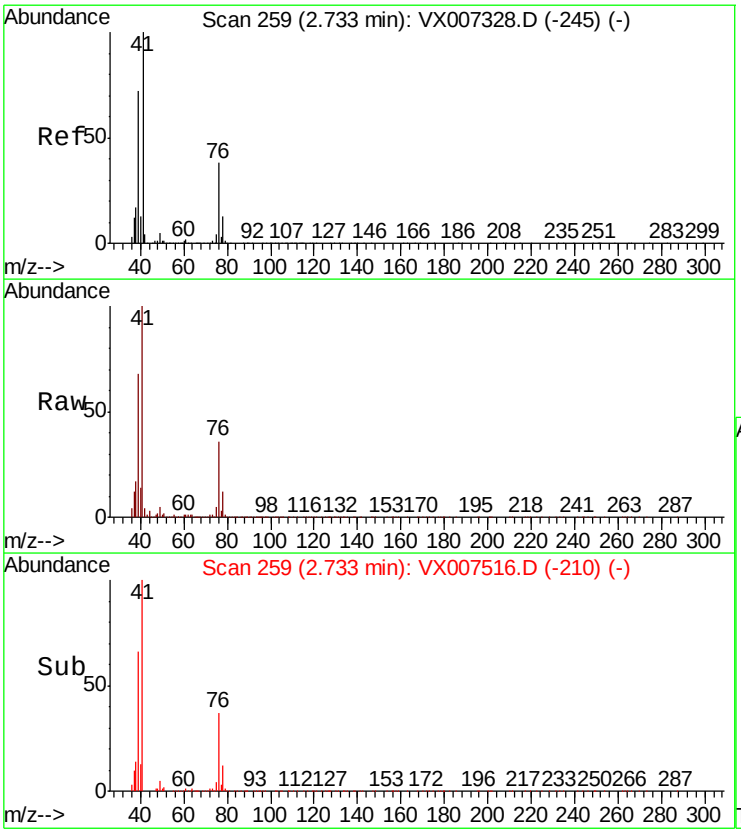

#13
Acrolein
Concen: 88.909 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :** MSVOA_X
**ClientSampleId :** VX0214MBS01

Tgt Ion: 56 Resp: 42367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 72.6 | 56.9 | 85.3 |

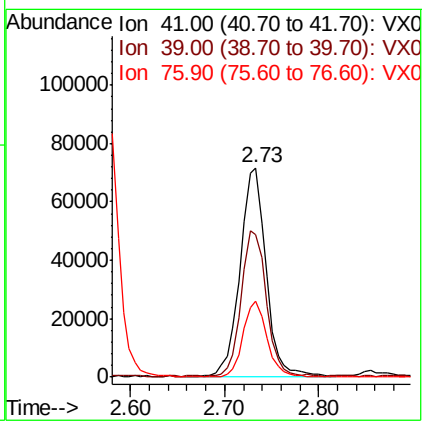


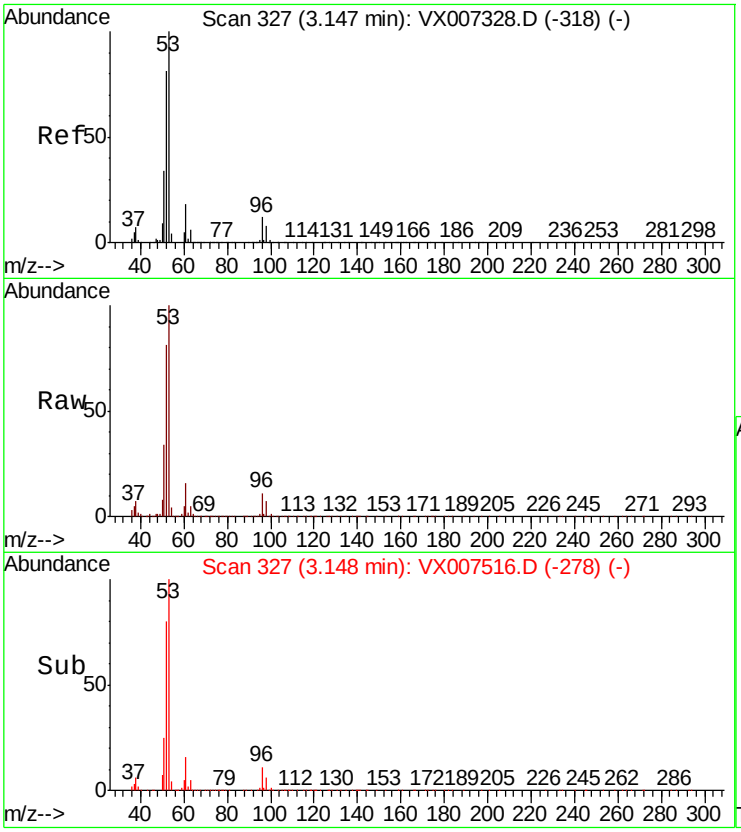




#14
Allyl chloride
Concen: 19.334 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 41 Resp: 139145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 67.1 | 54.1 | 81.1 |
| 76 | 33.0 | 27.8 | 41.8 |



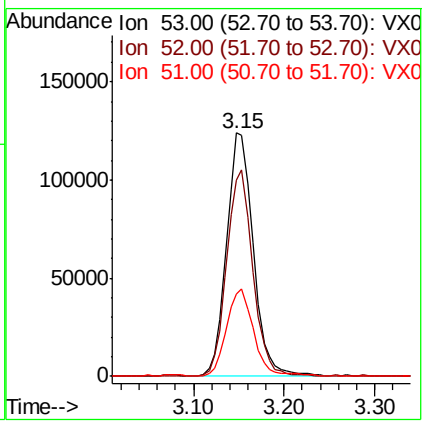


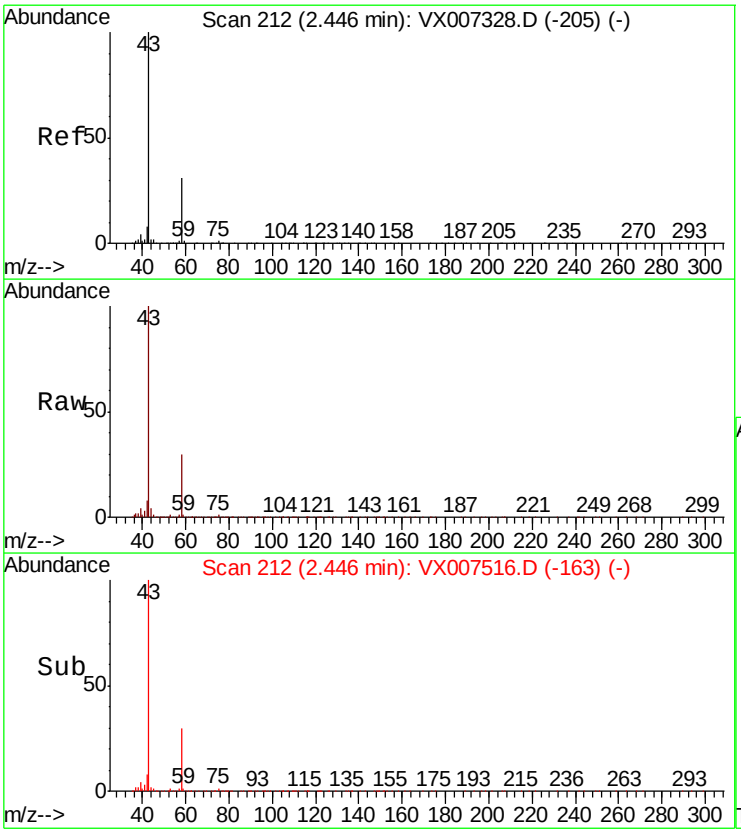

#15
Acrylonitrile
Concen: 100.416 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 53 Resp: 252429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.8 | 66.4 | 99.6 |
| 51 | 36.5 | 28.4 | 42.6 |

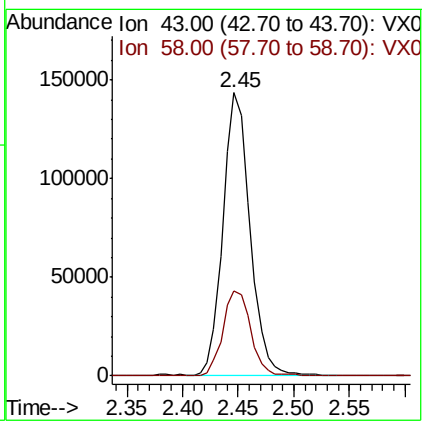


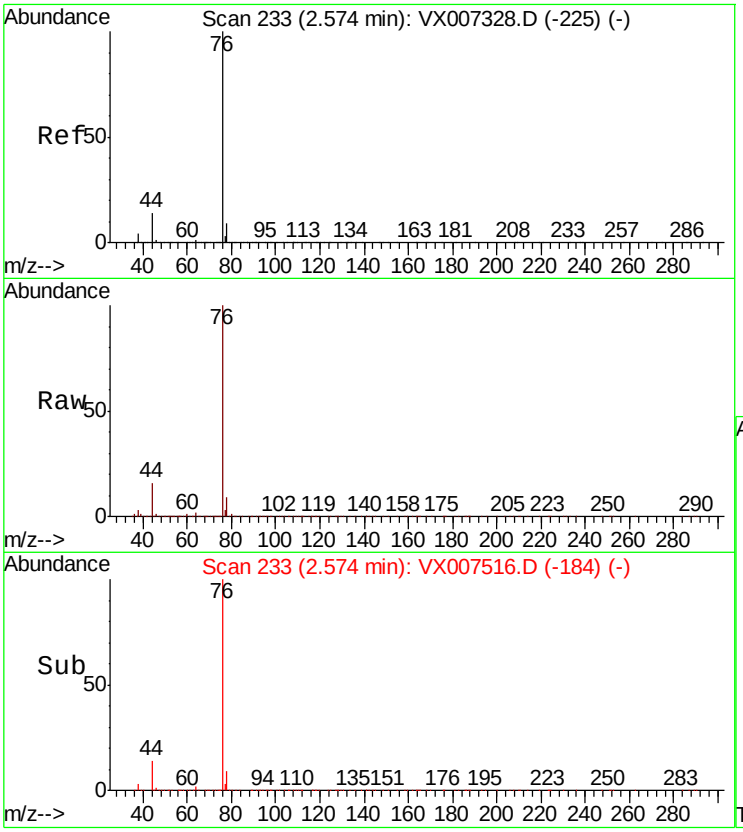




#16
Acetone
Concen: 106.335 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 43 Resp: 239177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.1 | 24.9 | 37.3 |



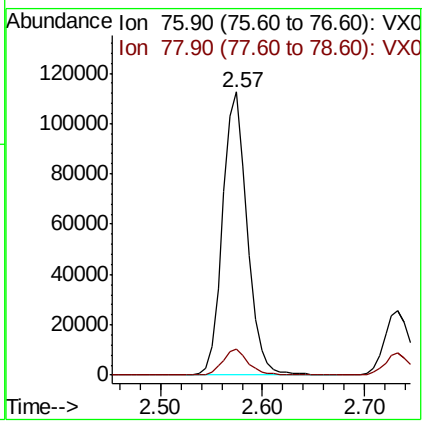


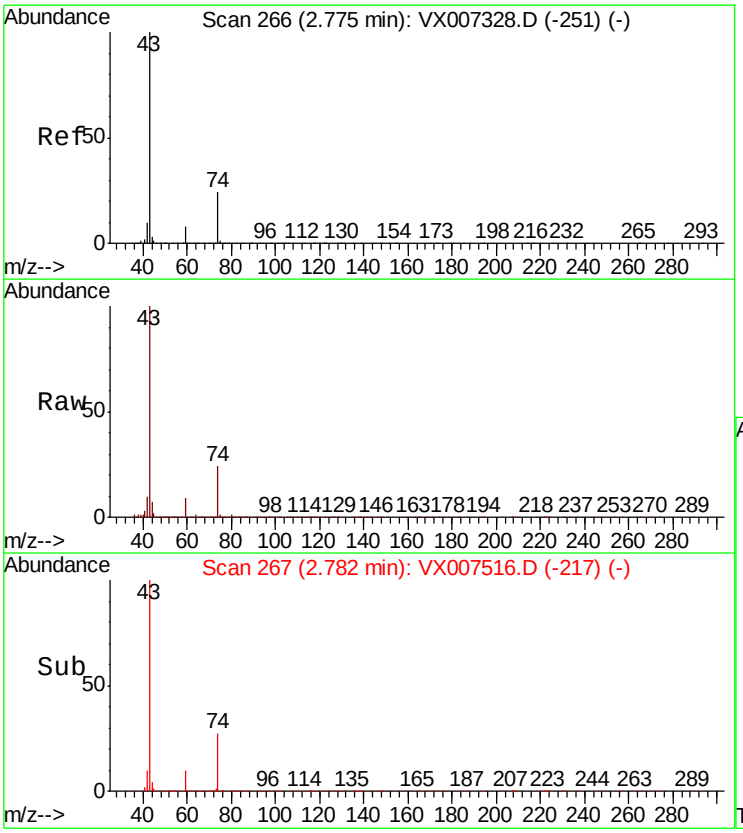

#17
Carbon Disulfide
Concen: 17.584 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 76 Resp: 186516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 7.1 | 10.7 |

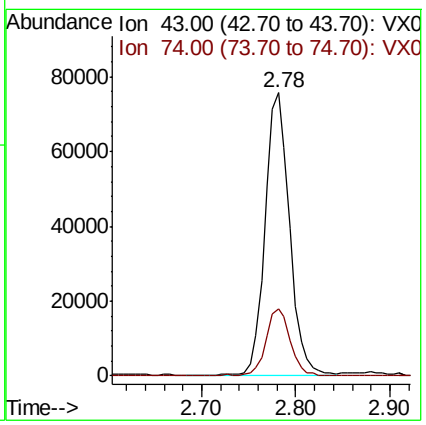


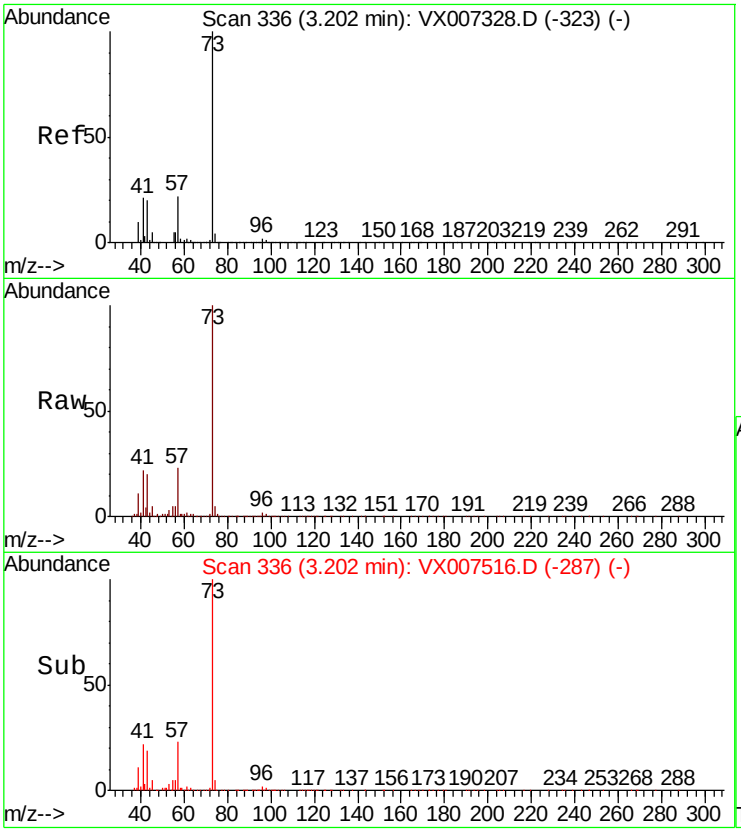




#18
Methyl Acetate
Concen: 24.010 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 43 Resp: 138880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 22.6 | 19.4 | 29.2 |



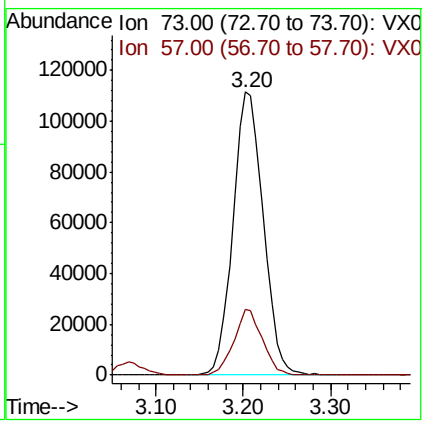


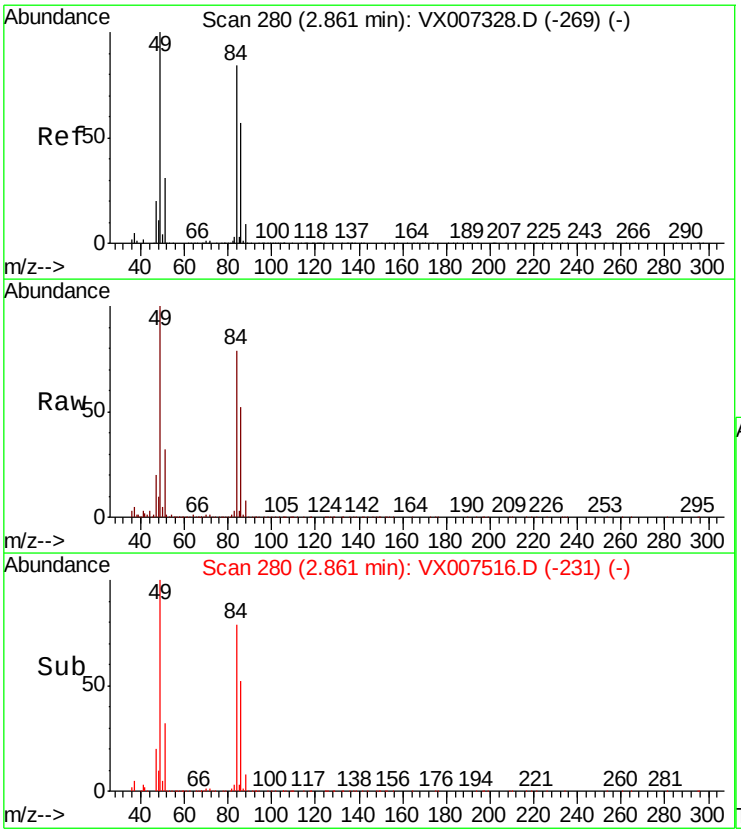

#19
Methyl tert-butyl Ether
Concen: 18.719 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 73 Resp: 267872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.3 | 17.8 | 26.8 |

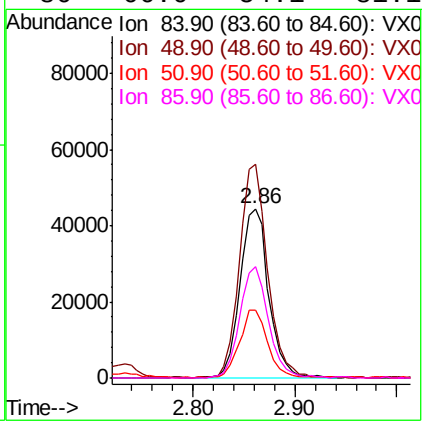


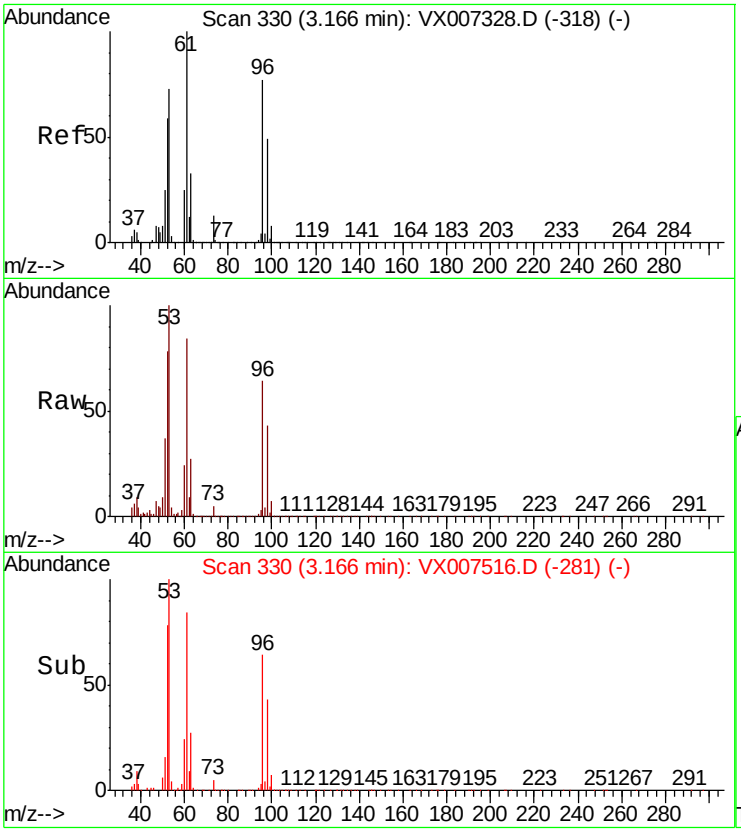




#20
Methylene Chloride
Concen: 18.485 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 84 Resp: 86063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 126.2 | 94.8 | 142.2 |
| 51 | 39.4 | 29.8 | 44.8 |
| 86 | 66.0 | 54.1 | 81.1 |



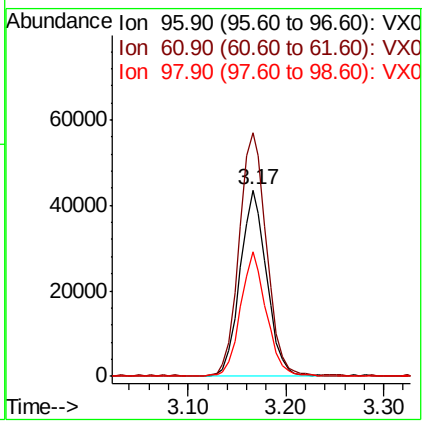


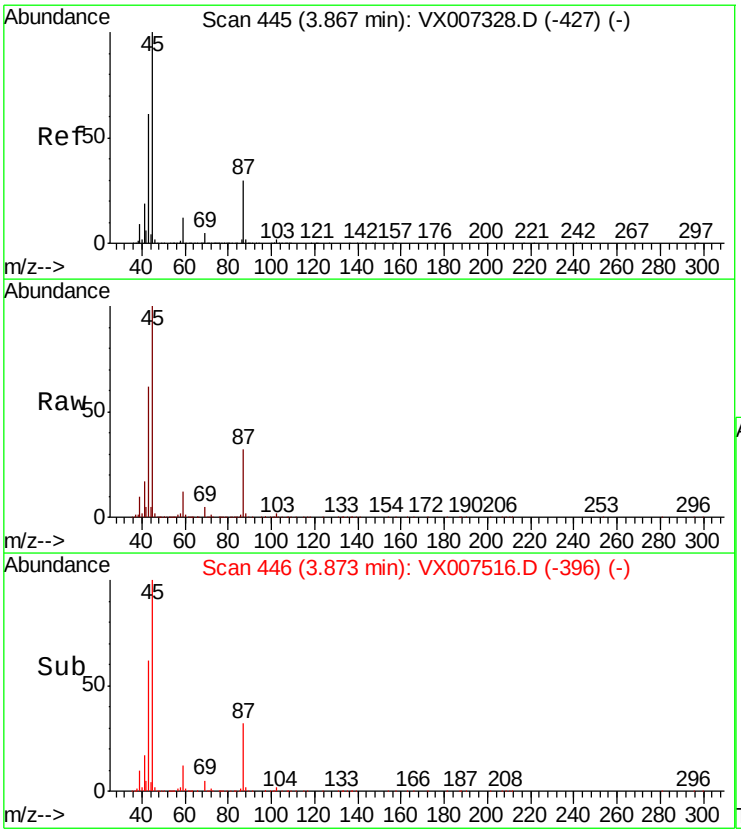

#21
trans-1,2-Dichloroethene
Concen: 17.505 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 96 Resp: 82366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 130.5 | 104.6 | 156.8 |
| 98 | 67.2 | 51.0 | 76.4 |

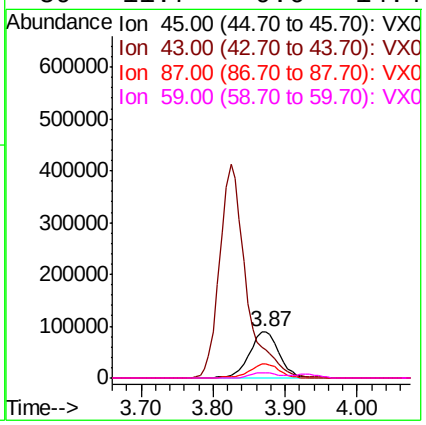


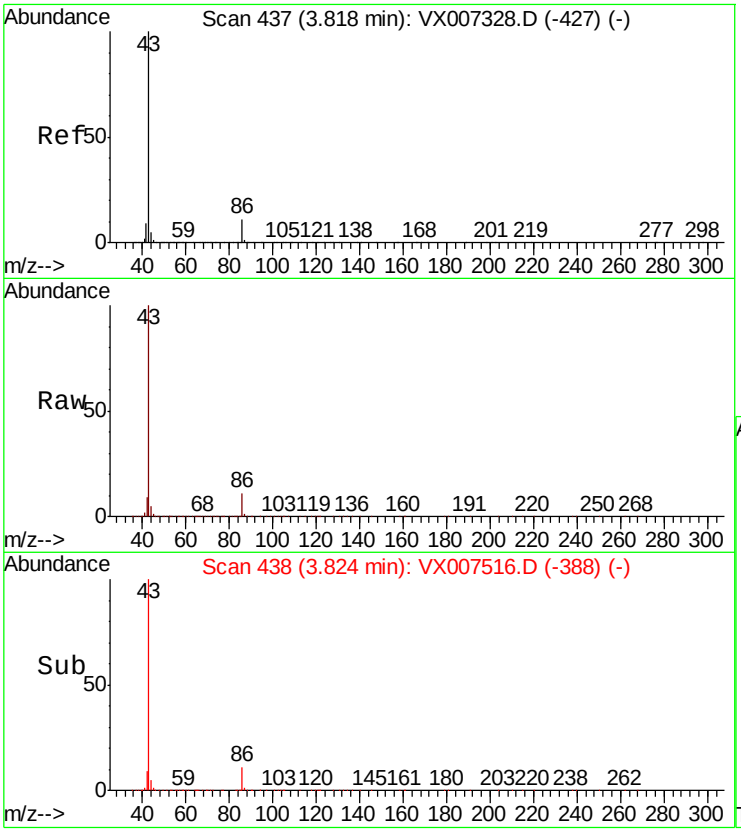




#22
Diisopropyl ether
Concen: 19.169 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 45 Resp: 253762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 62.2 | 48.9 | 73.3 |
| 87 | 31.5 | 23.9 | 35.9 |
| 59 | 11.7 | 9.6 | 14.4 |



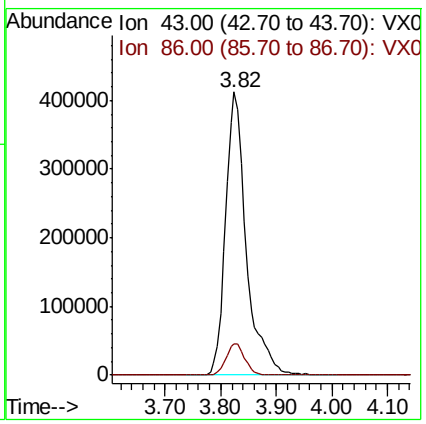


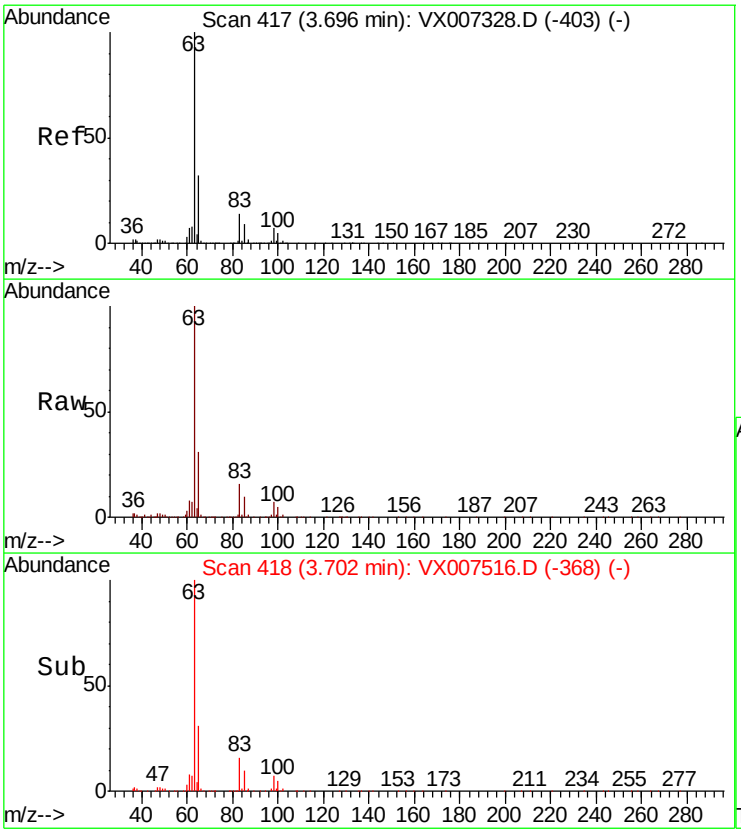

#23
Vinyl Acetate
Concen: 96.789 ug/l
RT: 3.82 min Scan# 438
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 43 Resp: 1063288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.0 | 8.7 | 13.1 |

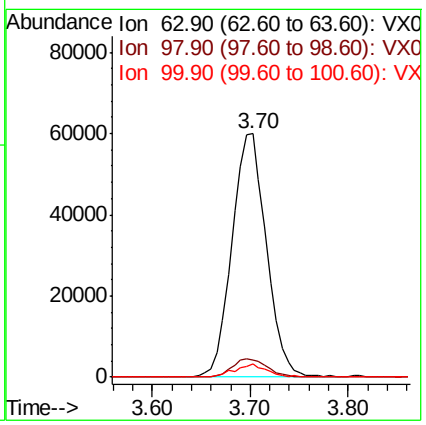


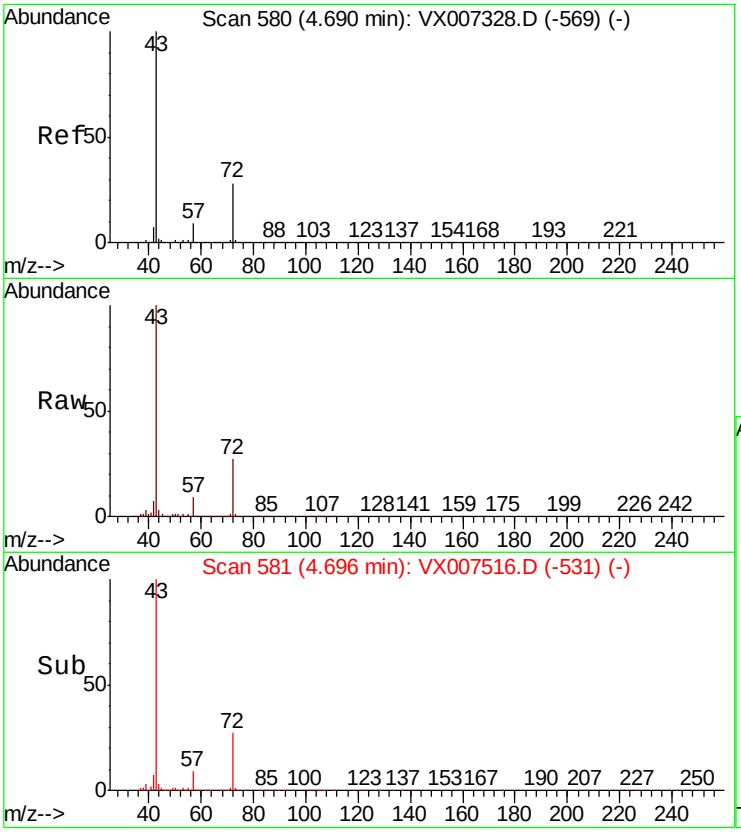




#24
1,1-Dichloroethane
Concen: 19.133 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 63 Resp: 145460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.0 | 3.6 | 10.8 |
| 100 | 5.1 | 2.5 | 7.4 |



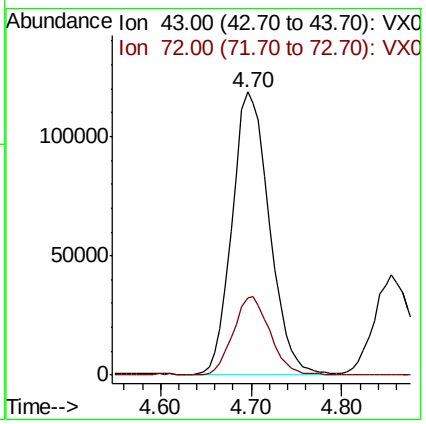


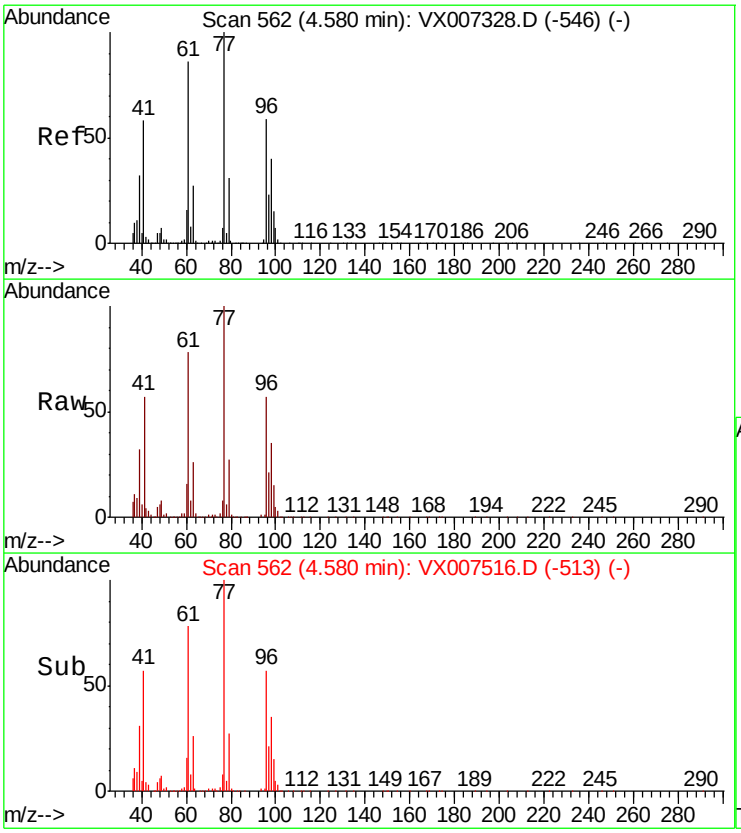

#25
2-Butanone
Concen: 105.617 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 43 Resp: 338078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.2 | 22.2 | 33.2 |

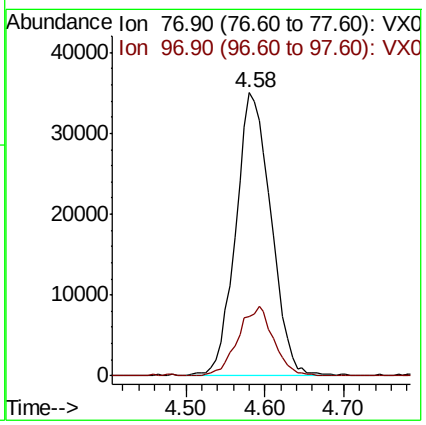


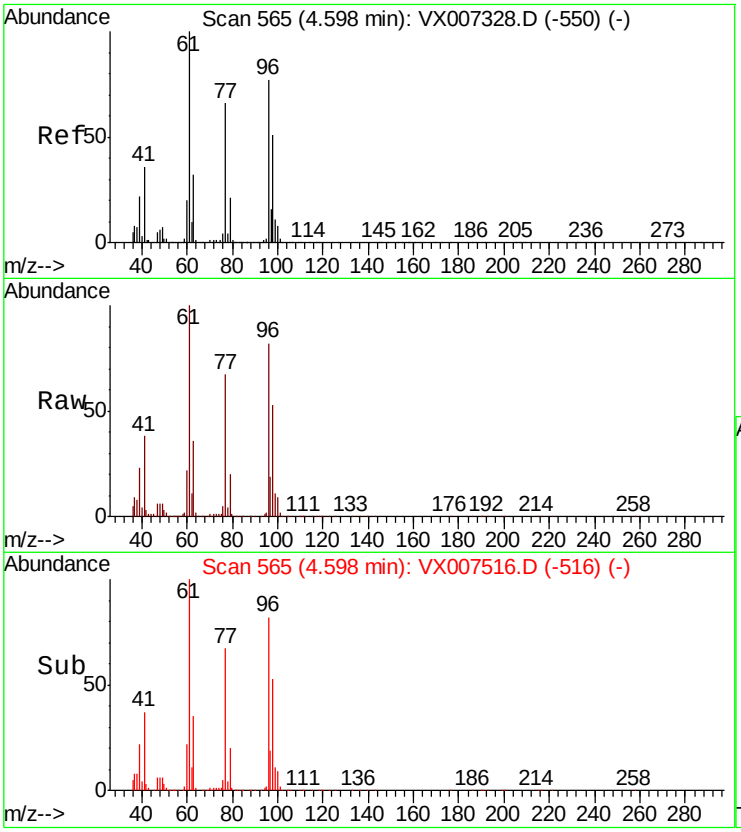




#26
2,2-Dichloropropane
Concen: 18.612 ug/l
RT: 4.58 min Scan# 562
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 77 Resp: 107760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 25.0 | 12.1 | 36.3 |



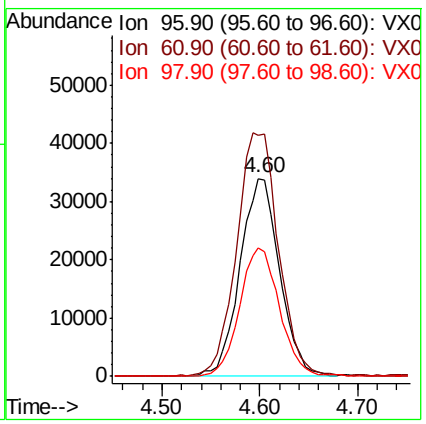


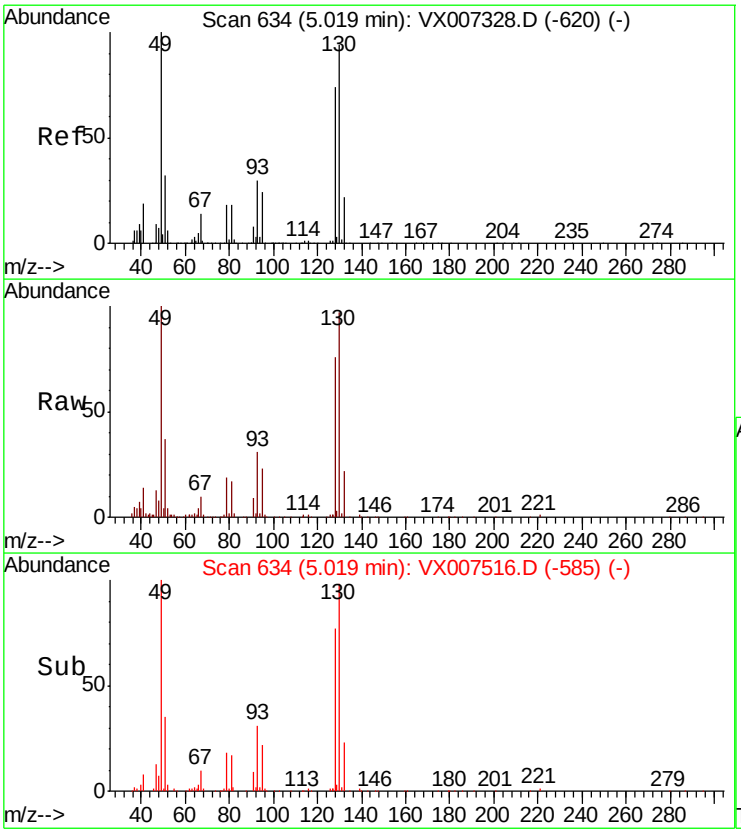

#27
cis-1,2-Dichloroethene
Concen: 18.564 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 96 Resp: 95407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 129.5 | 0.0 | 265.6 |
| 98 | 64.6 | 0.0 | 131.6 |

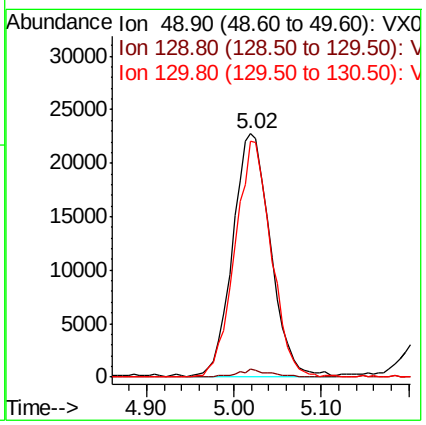


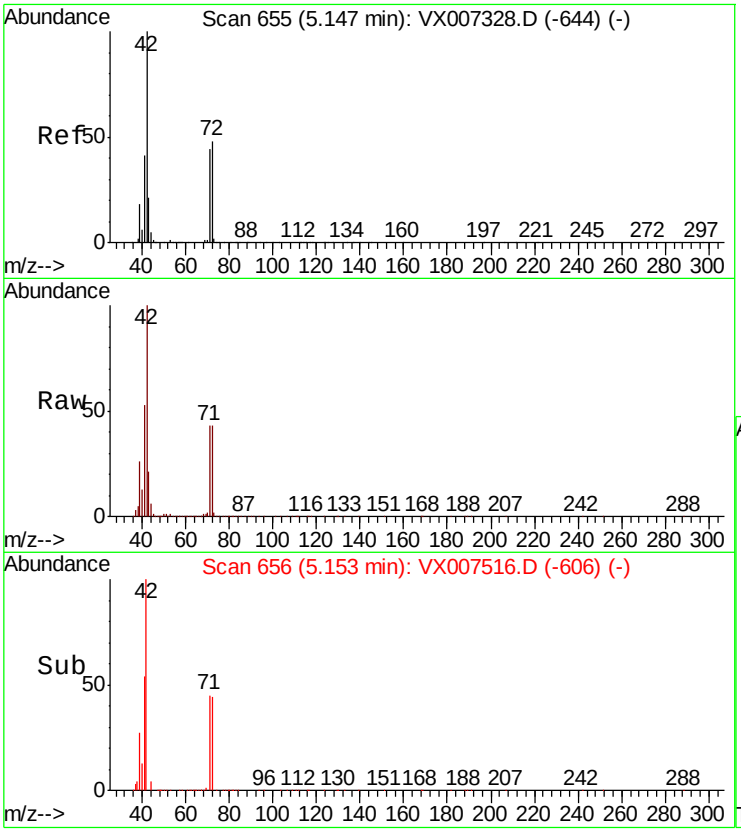




#28
Bromochloromethane
Concen: 19.394 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 49 Resp: 67804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.8 | 0.0 | 5.6 |
| 130 | 93.6 | 75.6 | 113.4 |



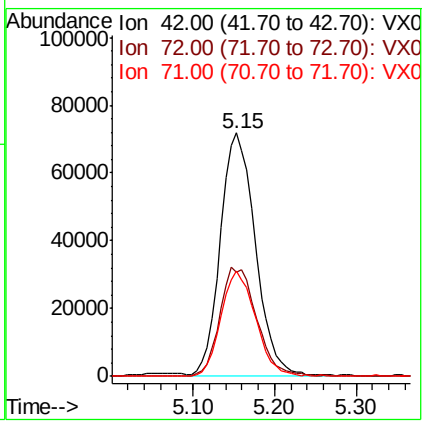


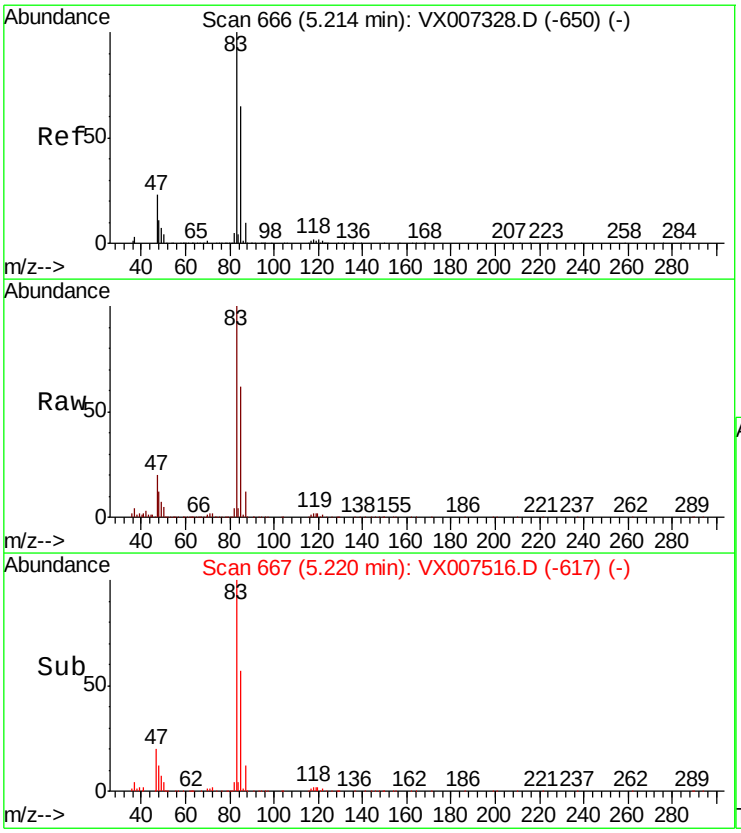

#29
Tetrahydrofuran
Concen: 105.735 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 42 Resp: 212866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 46.6 | 37.6 | 56.4 |
| 71 | 42.7 | 34.6 | 51.8 |

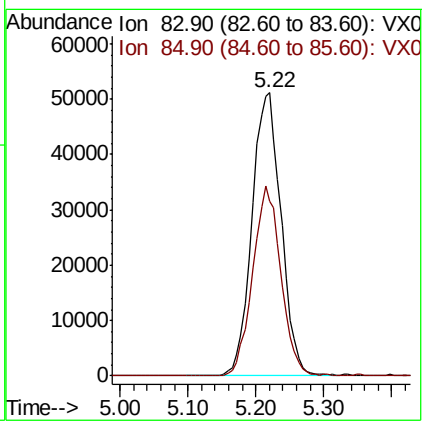


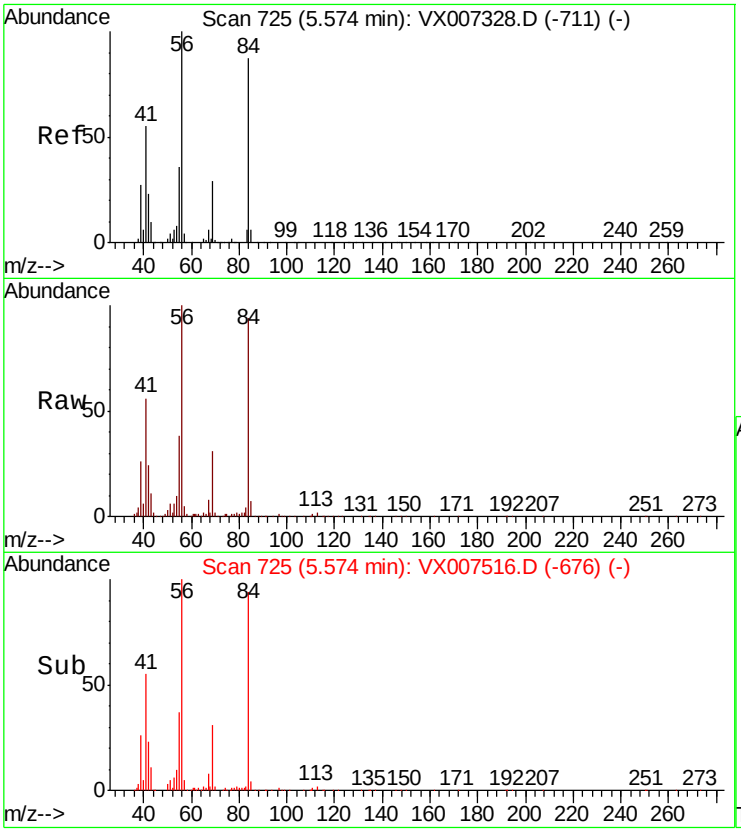




#30
Chloroform
Concen: 19.295 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 83 Resp: 153068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 61.3 | 51.6 | 77.4 |



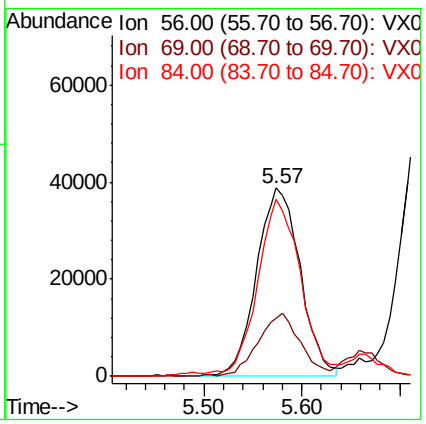


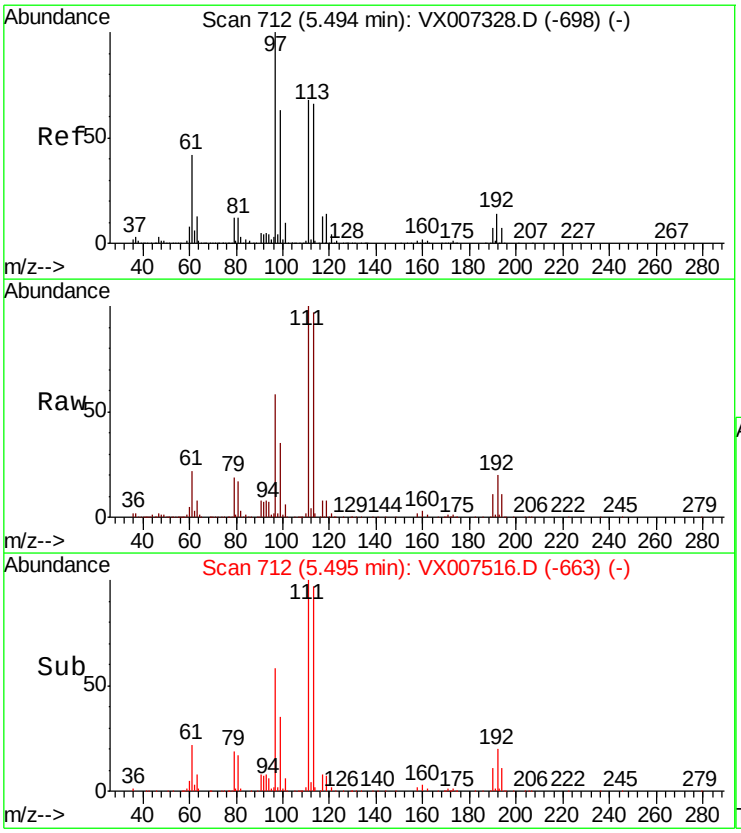

#31
Cyclohexane
Concen: 17.572 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 56 Resp: 119981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.0 | 23.0 | 34.6 |
| 84 | 92.3 | 69.8 | 104.6 |

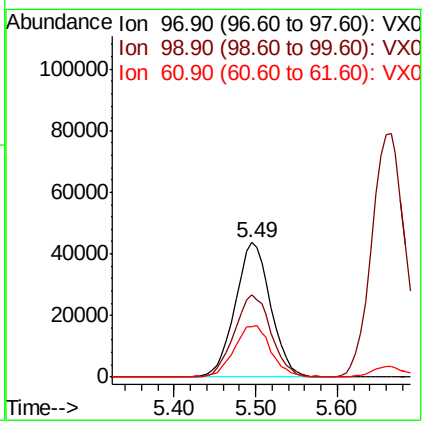


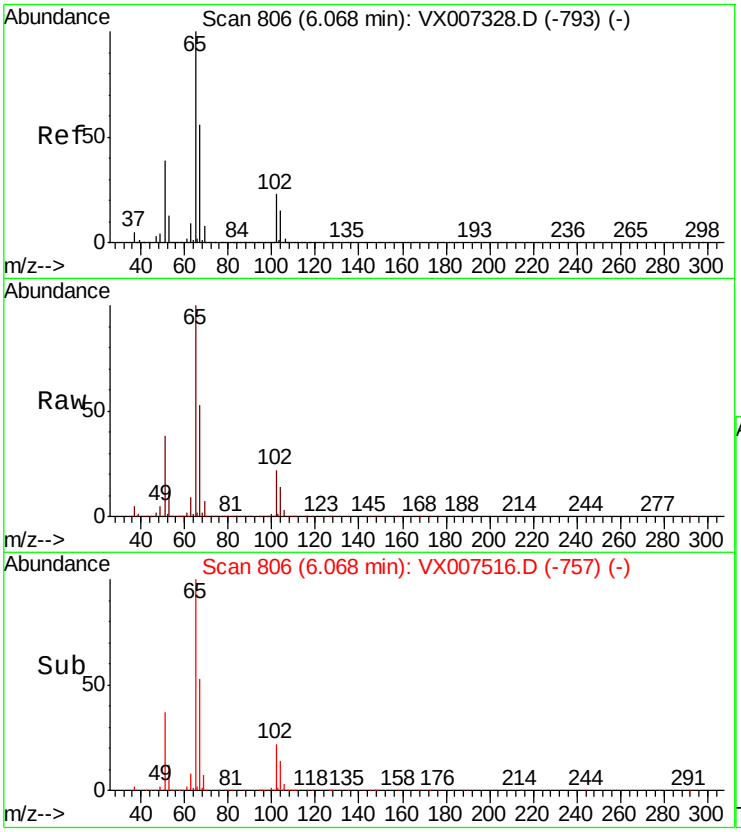




#32
1,1,1-Trichloroethane
Concen: 19.616 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 97 Resp: 131355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.6 | 52.2 | 78.2 |
| 61 | 39.4 | 32.7 | 49.1 |



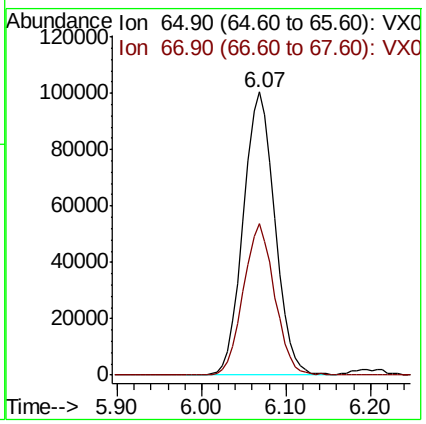


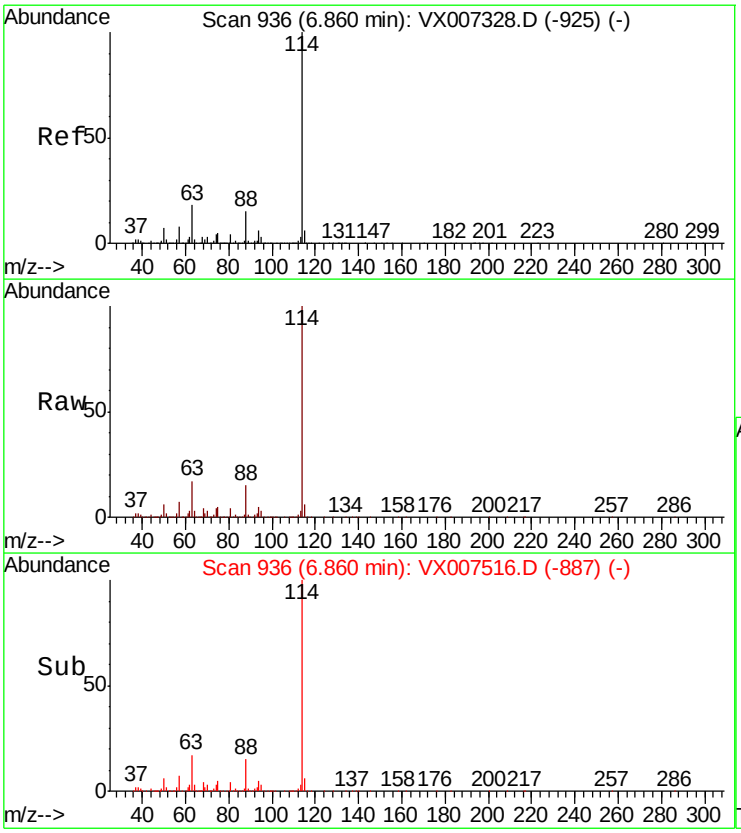

#33
1,2-Dichloroethane-d4
Concen: 51.939 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 65 Resp: 255036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.0 | 0.0 | 108.8 |

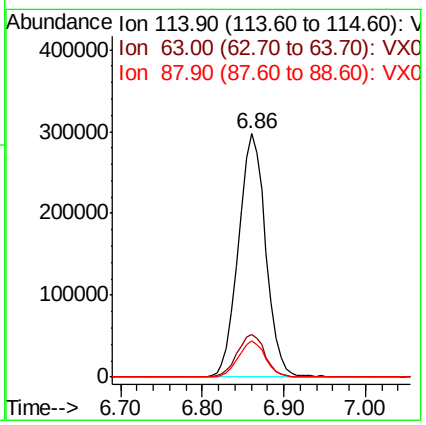


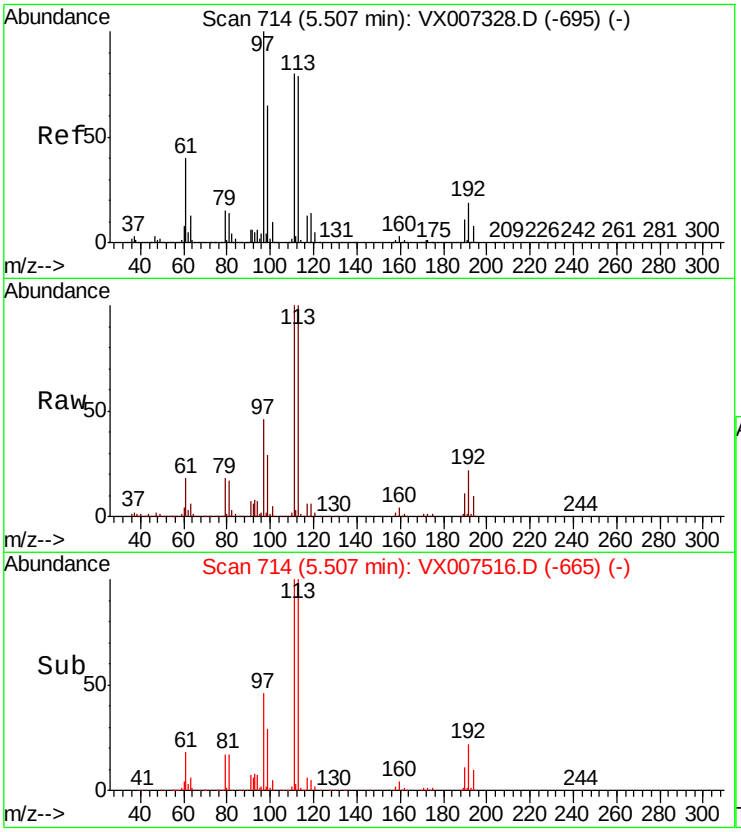




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion:114 Resp: 689813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.4 | 0.0 | 35.6 |
| 88 | 15.1 | 0.0 | 29.6 |



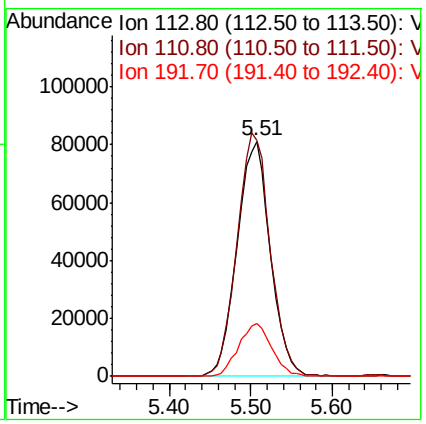


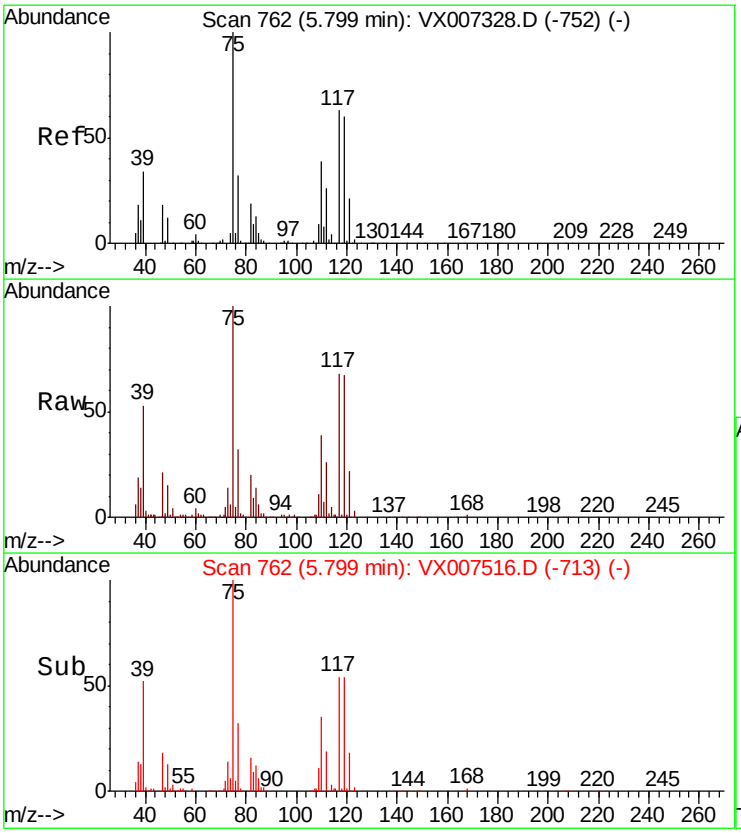

#35
Dibromofluoromethane
Concen: 51.149 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion:113 Resp: 229576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.2 | 81.8 | 122.8 |
| 192 | 22.5 | 18.5 | 27.7 |

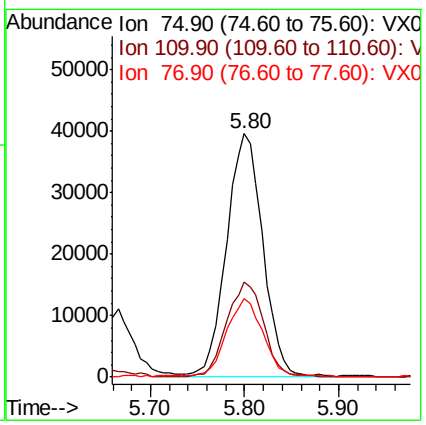


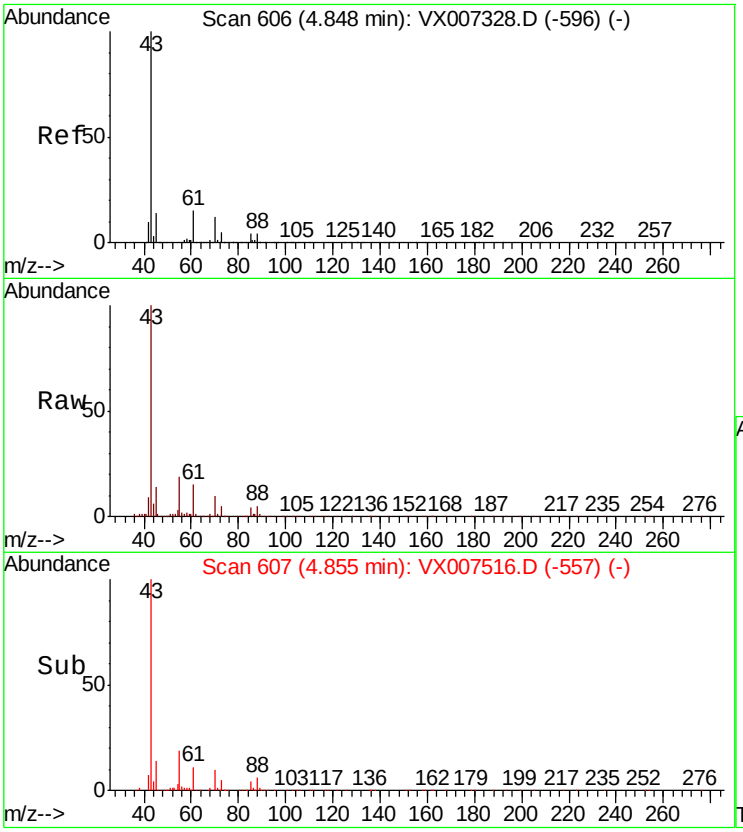




#36
1,1-Dichloropropene
Concen: 17.020 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 75 Resp: 105341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 40.4 | 20.0 | 59.9 |
| 77 | 32.7 | 24.7 | 37.1 |



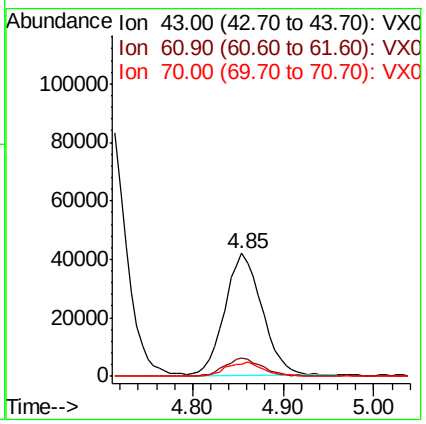


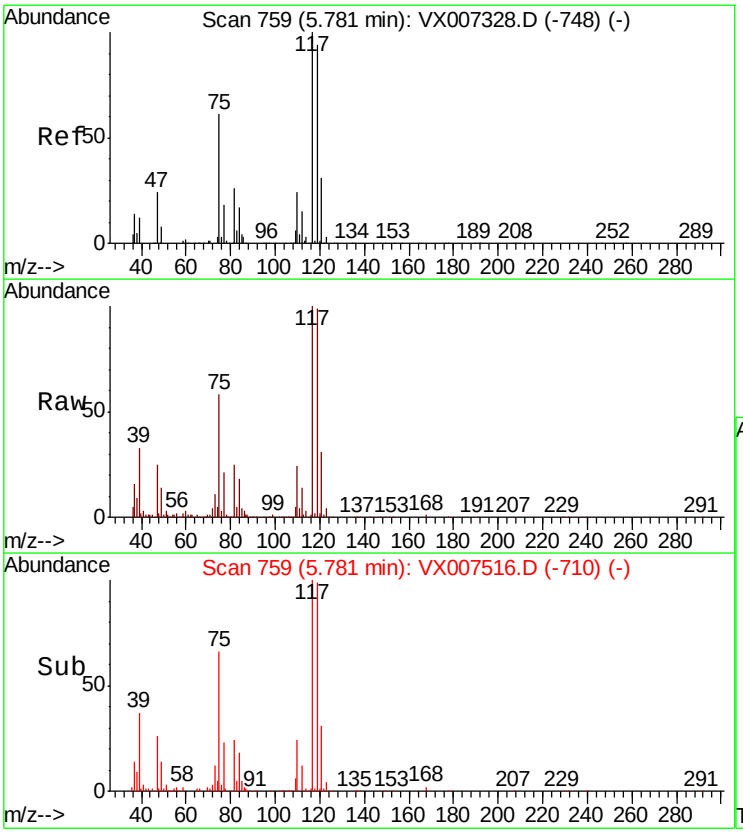

#37
Ethyl Acetate
Concen: 19.106 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 43 Resp: 119539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.9 | 11.3 | 16.9 |
| 70 | 11.6 | 8.6 | 13.0 |

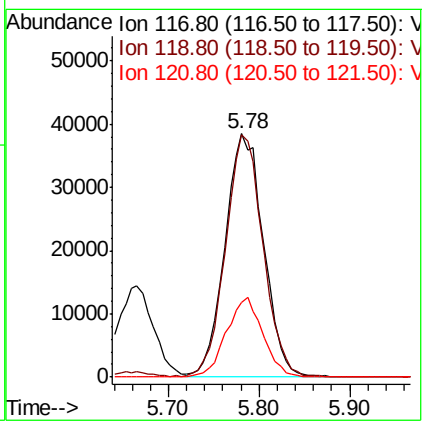


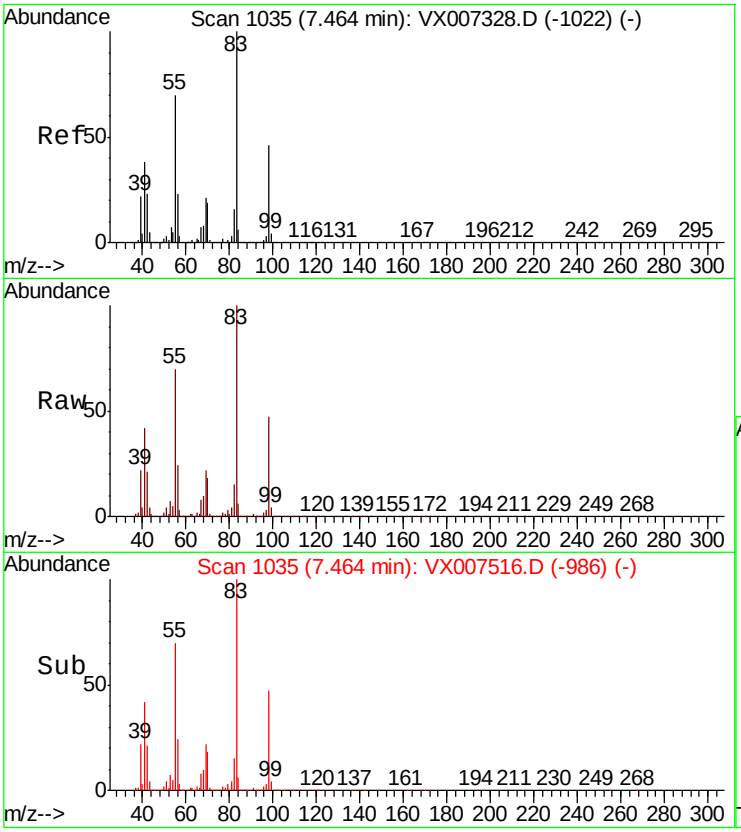




#38
Carbon Tetrachloride
Concen: 18.783 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion:117 Resp: 112784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 99.3 | 75.3 | 112.9 |
| 121 | 30.3 | 25.0 | 37.4 |



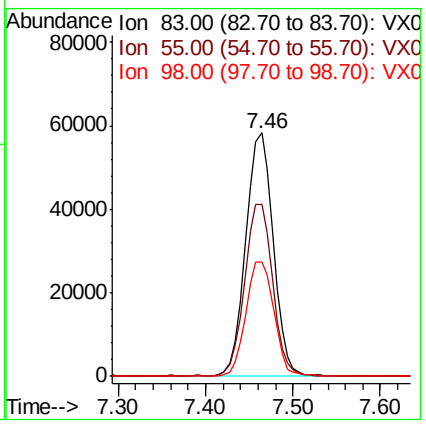


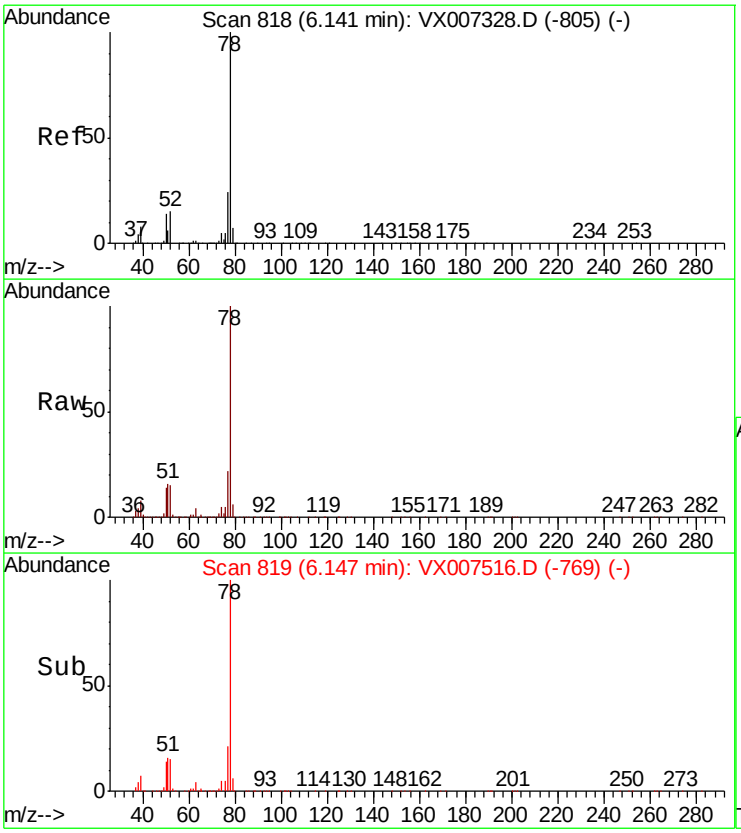

#39
Methylcyclohexane
Concen: 17.116 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 83 Resp: 128168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 70.4 | 56.2 | 84.2 |
| 98 | 46.8 | 36.8 | 55.2 |

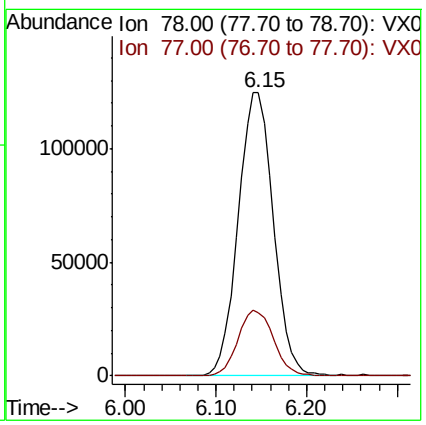


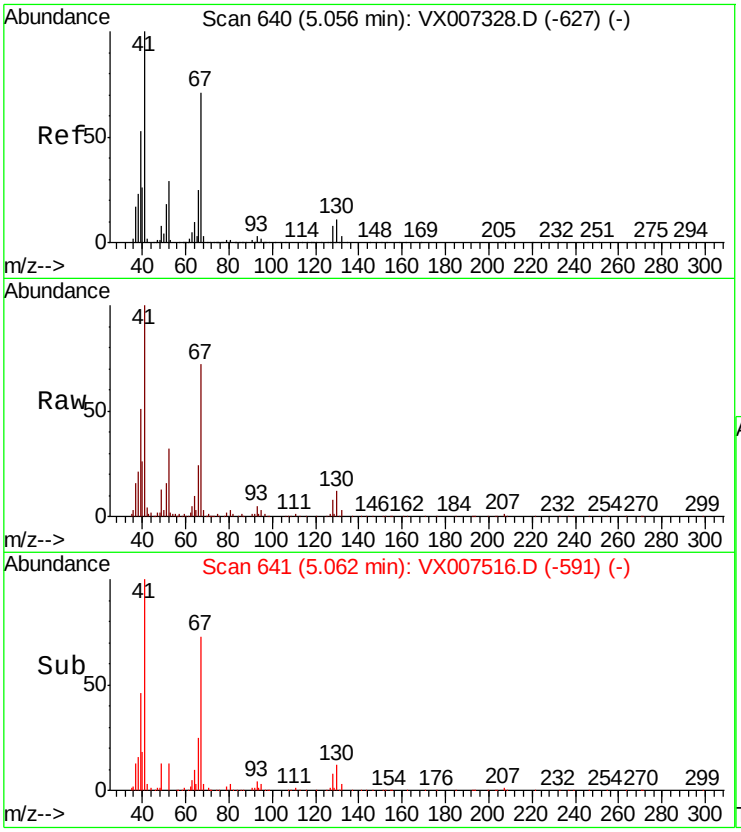




#40
Benzene
Concen: 18.356 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 78 Resp: 334657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.4 | 19.3 | 28.9 |



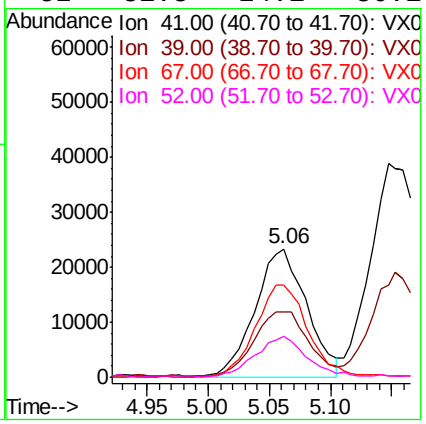


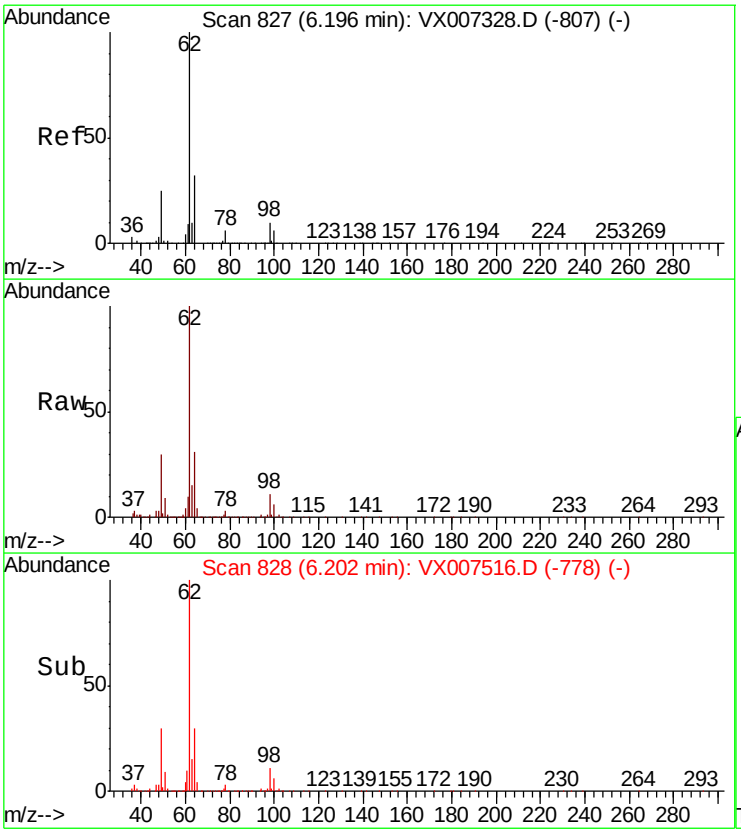

#41
Methacrylonitrile
Concen: 20.285 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 41 Resp: 68019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 52.8 | 44.5 | 66.7 |
| 67 | 74.5 | 60.4 | 90.6 |
| 52 | 31.3 | 24.1 | 36.1 |

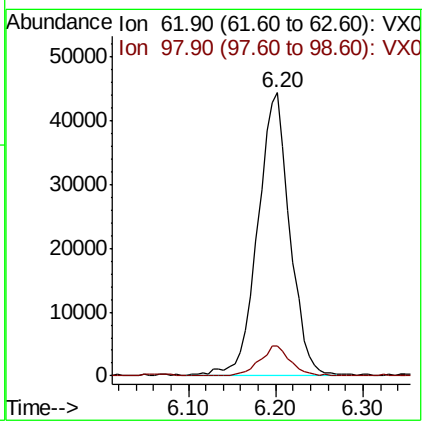


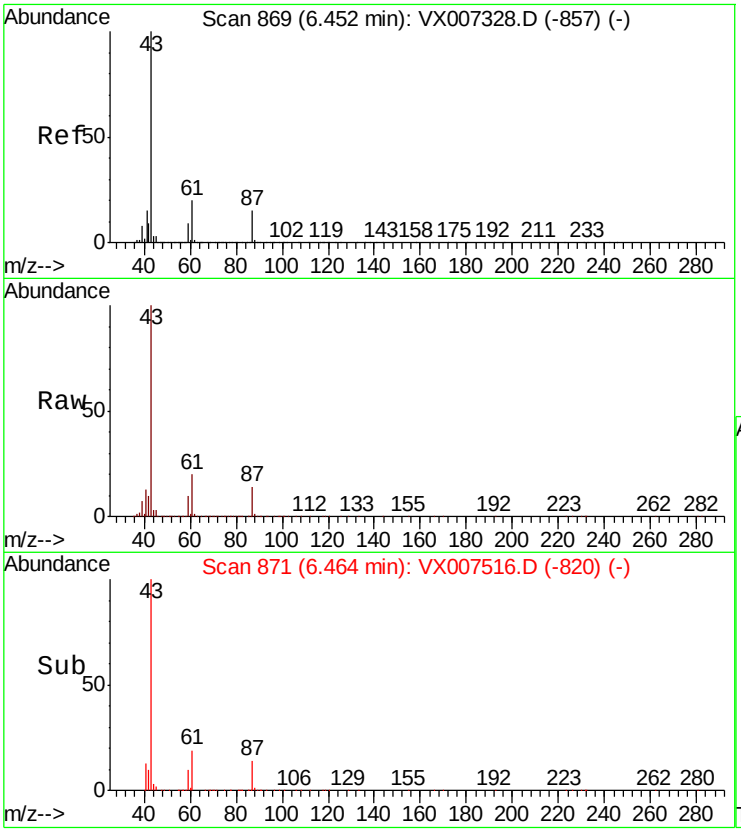




#42
1,2-Dichloroethane
Concen: 17.887 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 62 Resp: 112833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.4 | 0.0 | 19.0 |



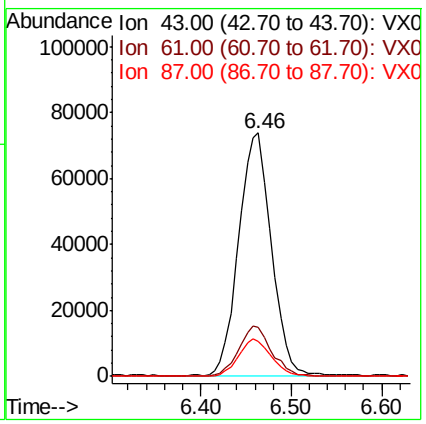


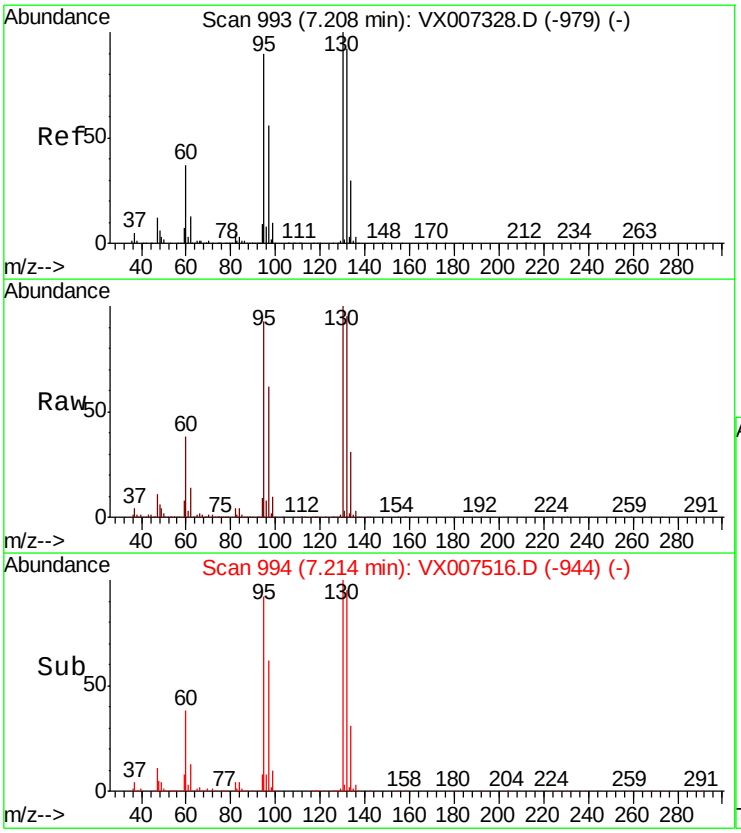

#43
Isopropyl Acetate
Concen: 19.011 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 43 Resp: 183597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.7 | 16.1 | 24.1 |
| 87 | 15.1 | 11.5 | 17.3 |

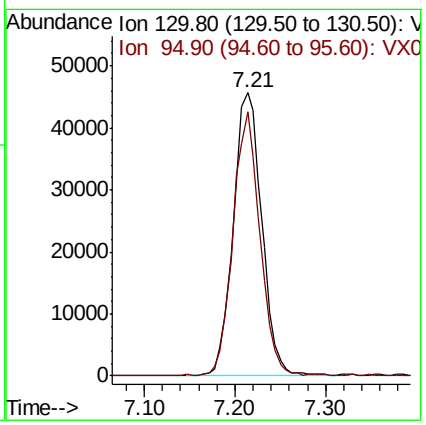


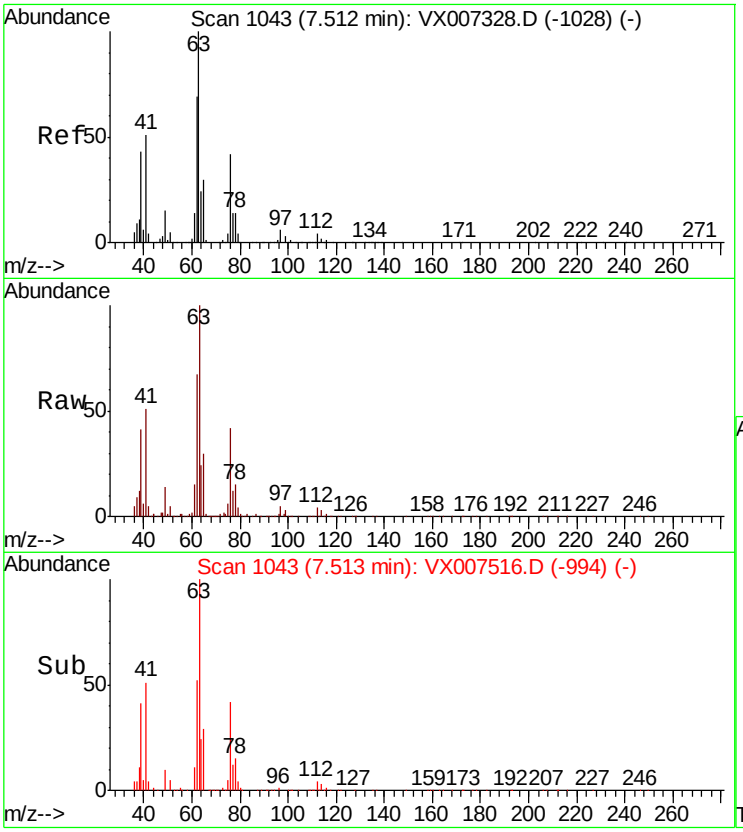




#44
Trichloroethene
Concen: 18.136 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion:130 Resp: 99585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 92.8 | 0.0 | 180.0 |



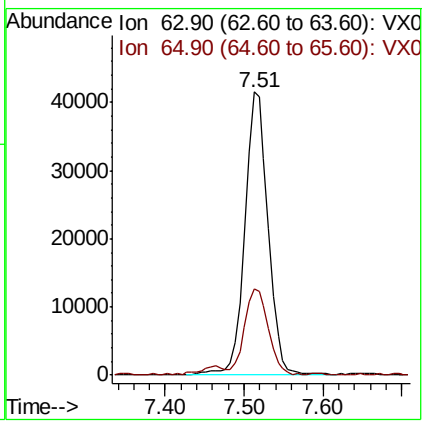


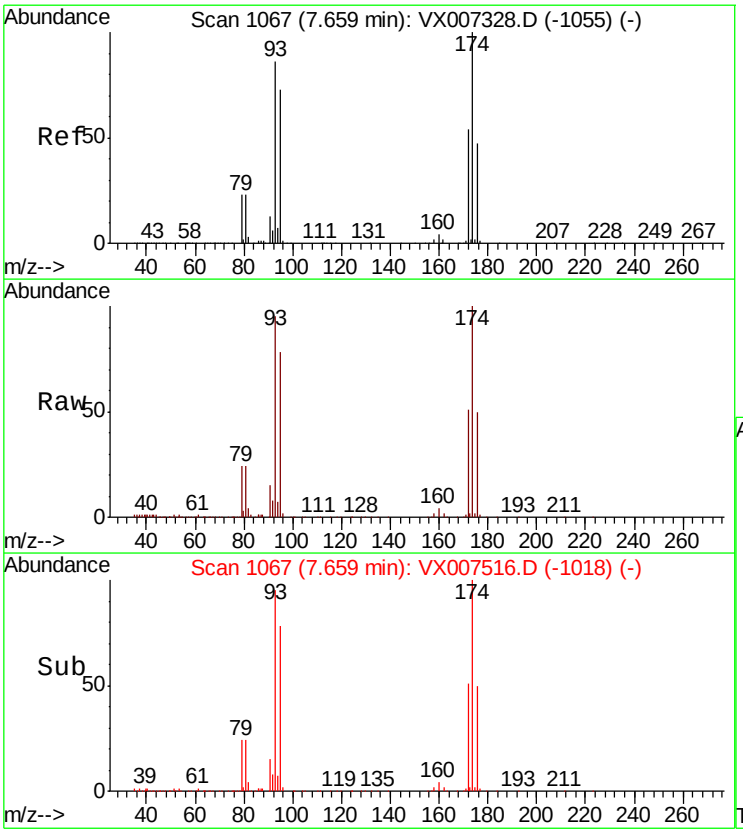

#45
1,2-Dichloropropane
Concen: 18.446 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :** MSVOA_X
**ClientSampleId :** VX0214MBS01

Tgt Ion: 63 Resp: 84261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.0 | 24.2 | 36.2 |

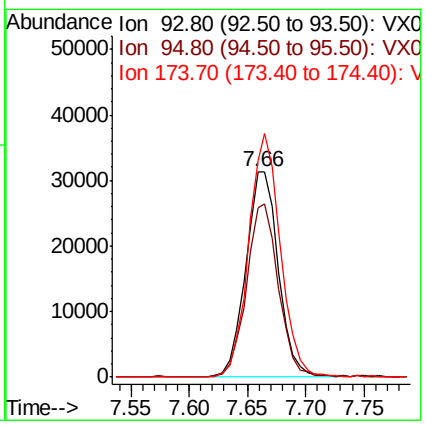


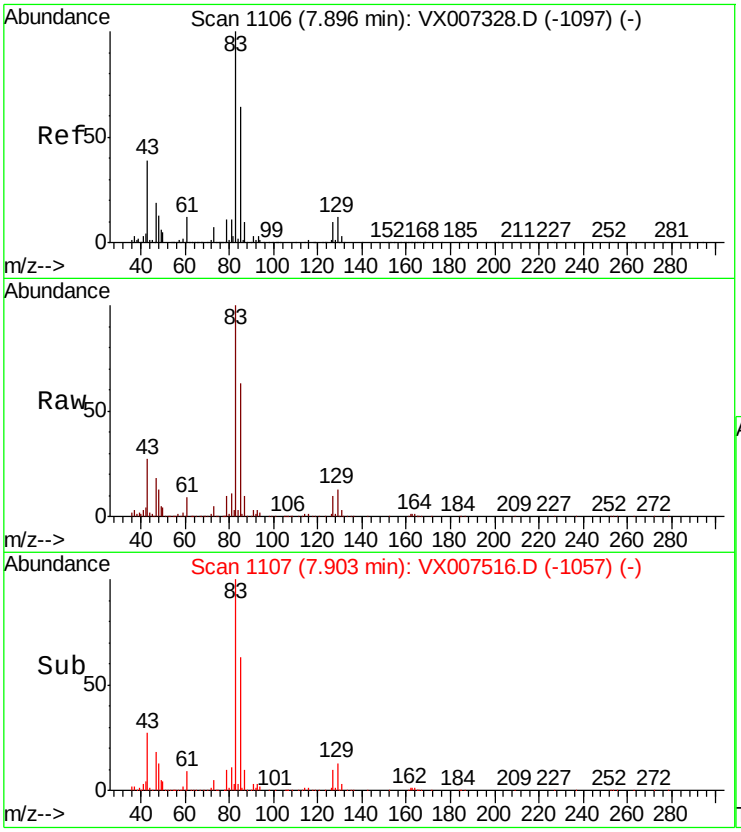




#46
Dibromomethane
Concen: 18.401 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 93 Resp: 61094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.8 | 67.6 | 101.4 |
| 174 | 115.3 | 94.2 | 141.4 |



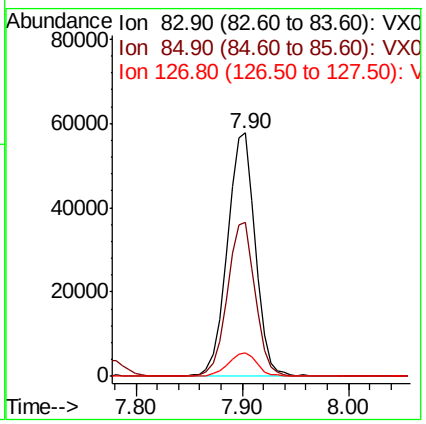


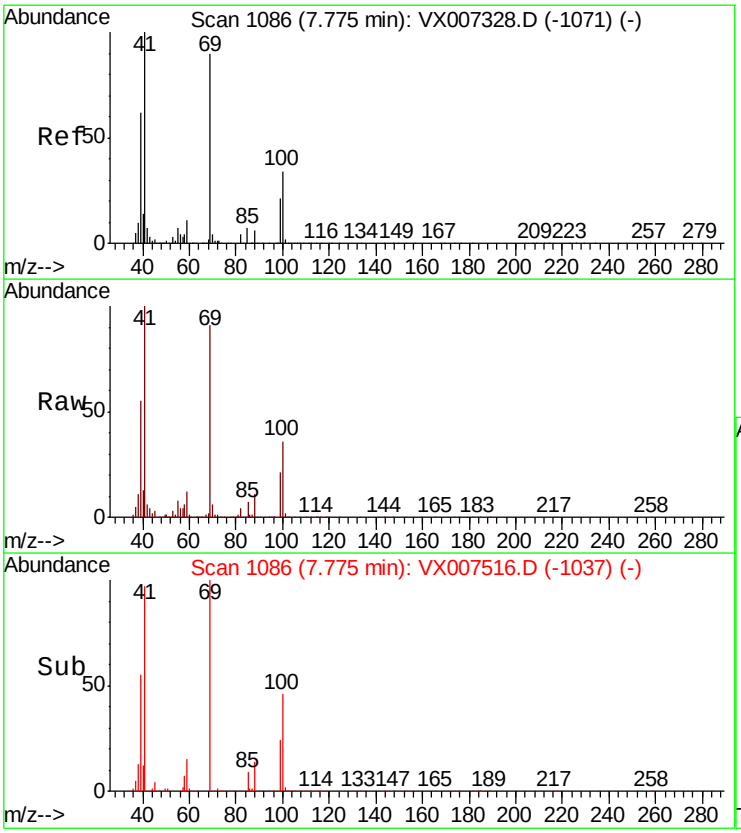

#47
Bromodichloromethane
Concen: 18.860 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 83 Resp: 106123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.1 | 51.4 | 77.0 |
| 127 | 9.6 | 8.1 | 12.1 |

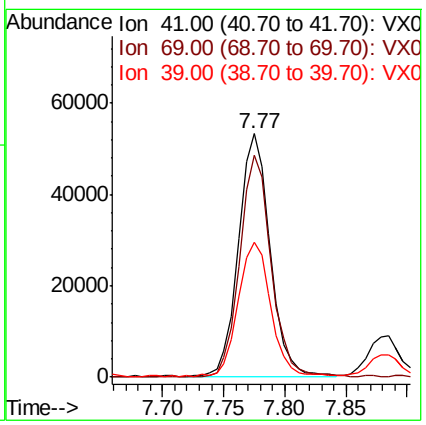


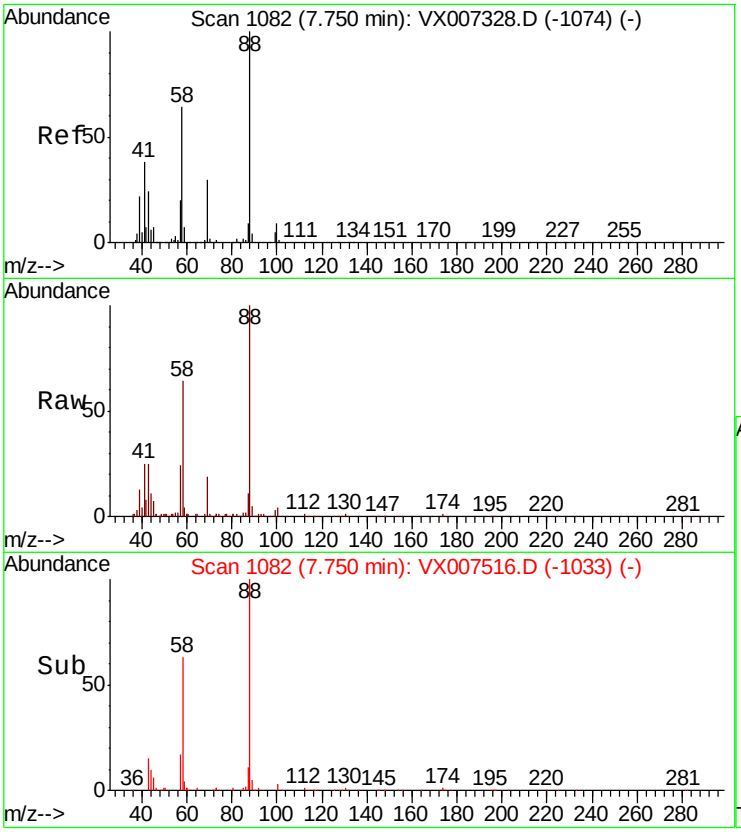




#48
Methyl methacrylate
Concen: 19.726 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 41 Resp: 95286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 90.2 | 70.2 | 105.4 |
| 39 | 56.6 | 47.4 | 71.0 |



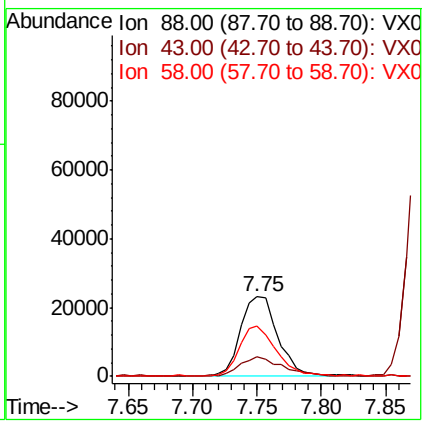


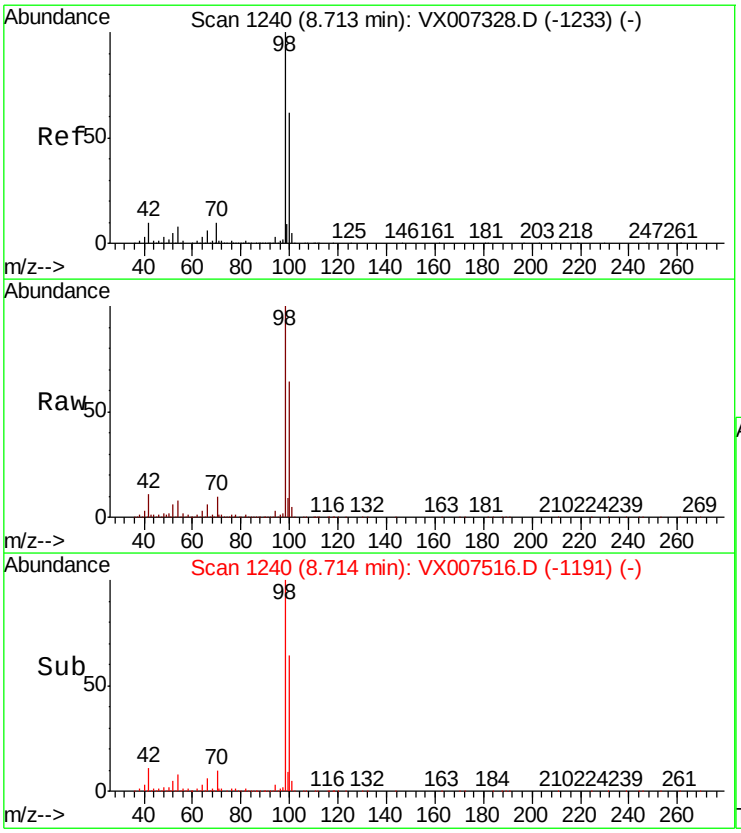

#49
1,4-Dioxane
Concen: 428.297 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 88 Resp: 46615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 27.7 | 24.2 | 36.4 |
| 58 | 63.0 | 53.0 | 79.4 |

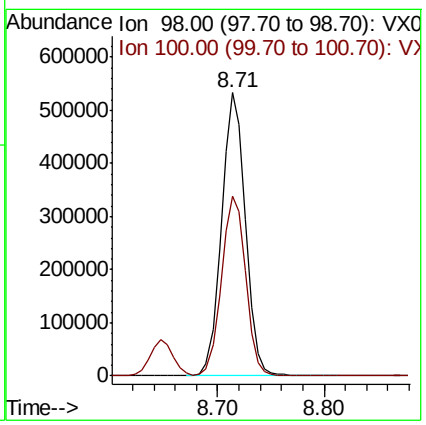


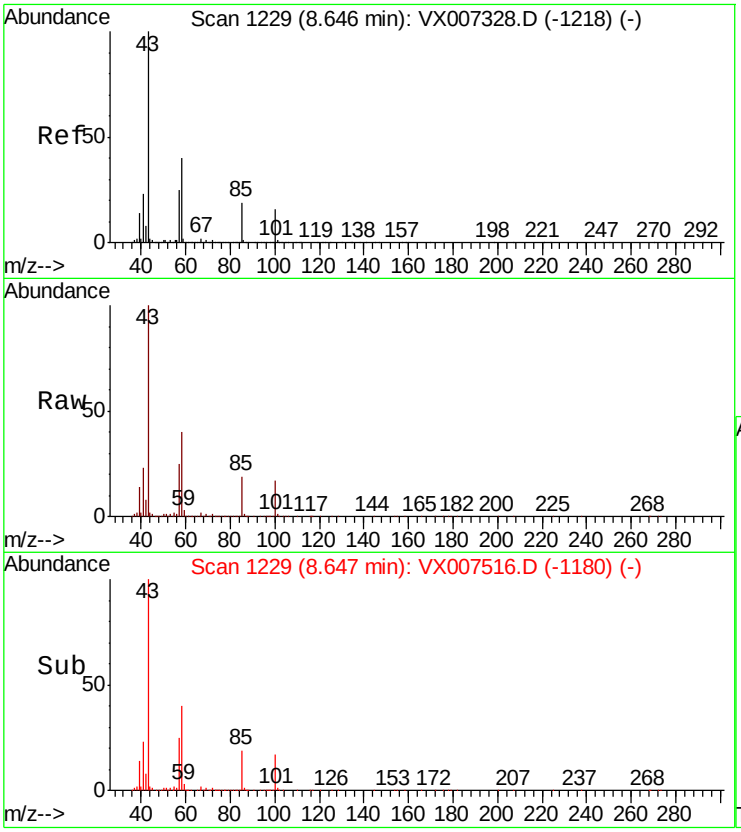




#50
Toluene-d8
Concen: 49.785 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 98 Resp: 829047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.5 | 51.6 | 77.4 |



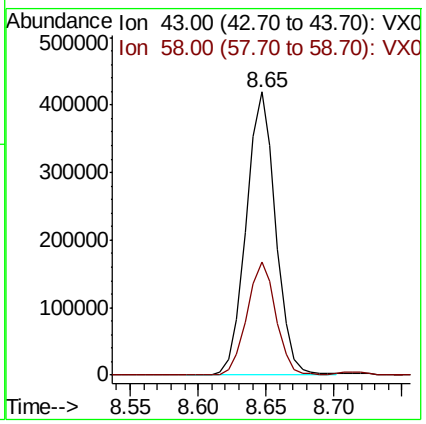


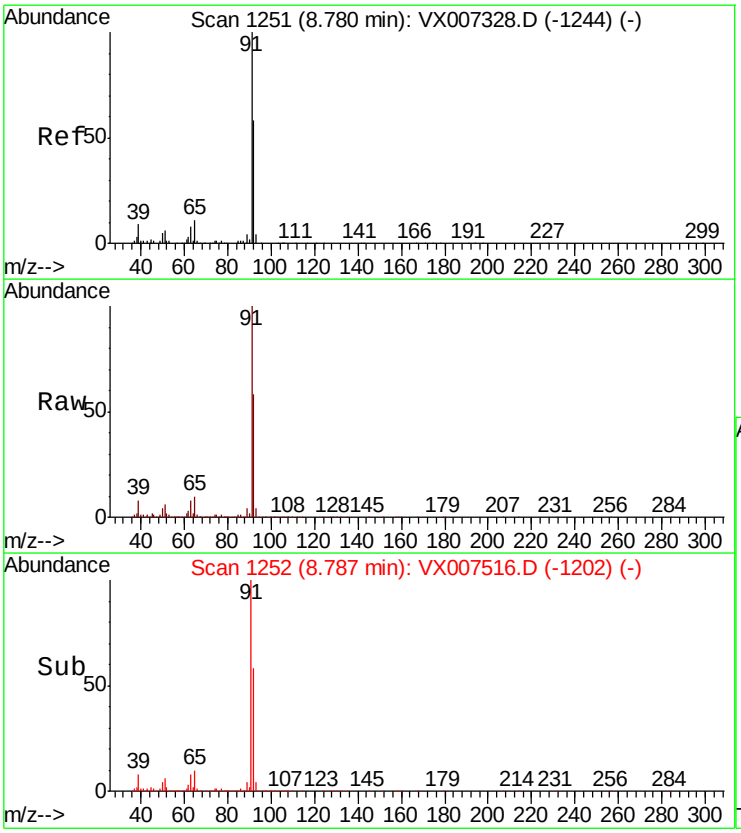

#51
4-Methyl-2-Pentanone
Concen: 99.894 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 43 Resp: 635061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.3 | 31.2 | 46.8 |

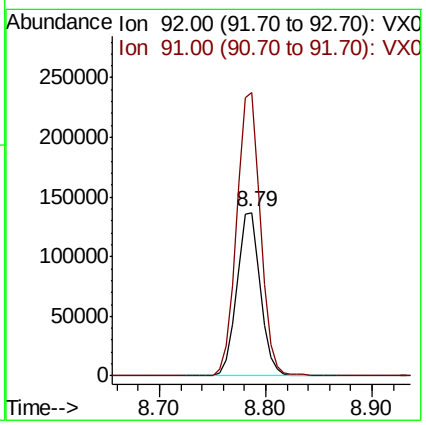


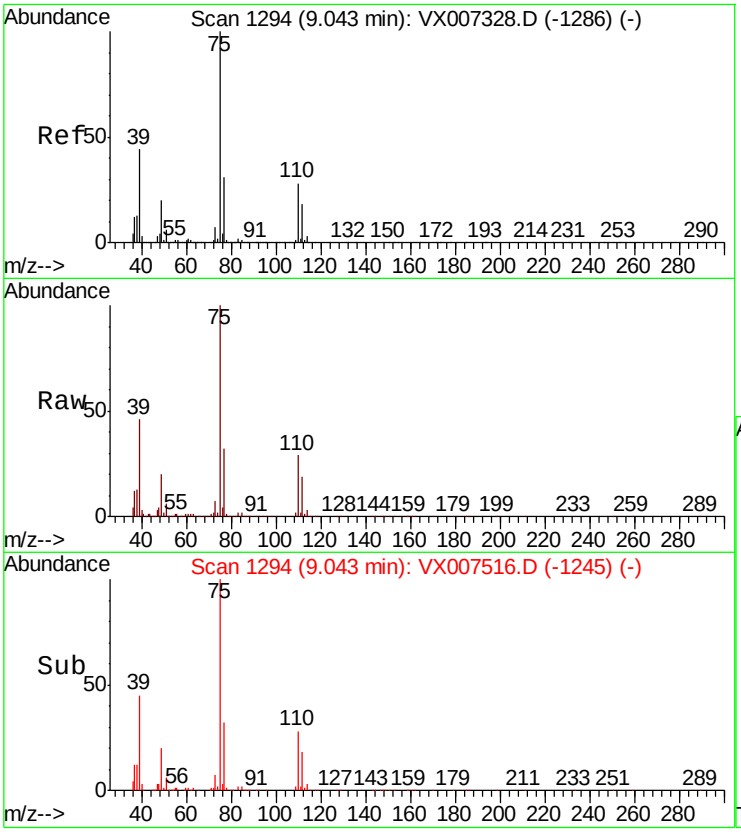




#52
Toluene
Concen: 18.110 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 92 Resp: 213026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 174.9 | 139.1 | 208.7 |



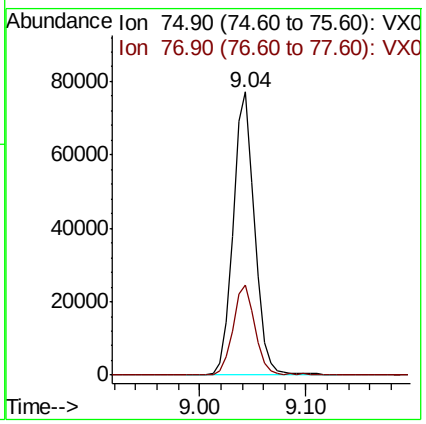


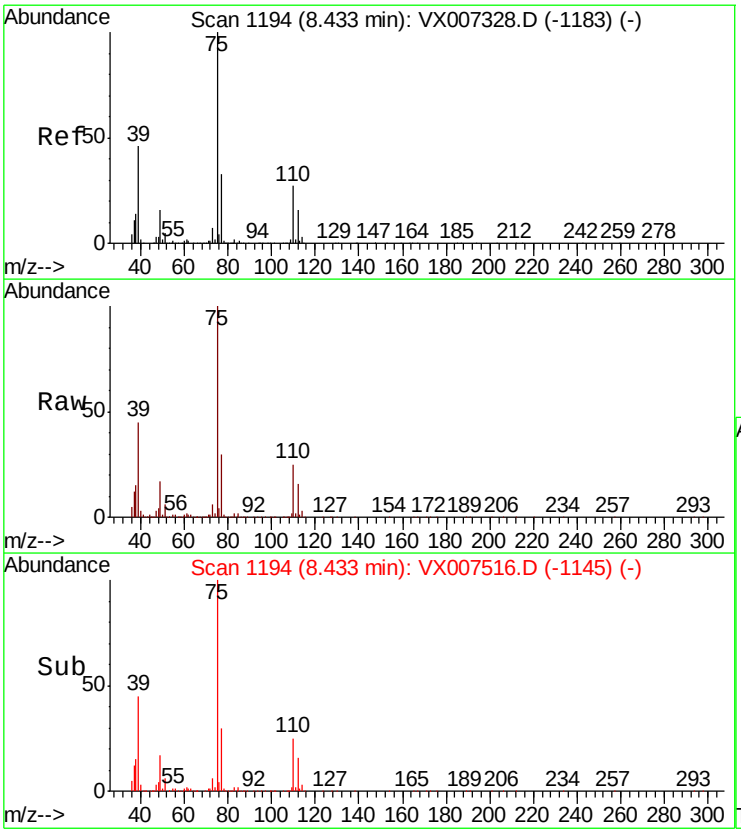

#53
t-1,3-Dichloropropene
Concen: 18.082 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 75 Resp: 109285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.9 | 25.2 | 37.8 |

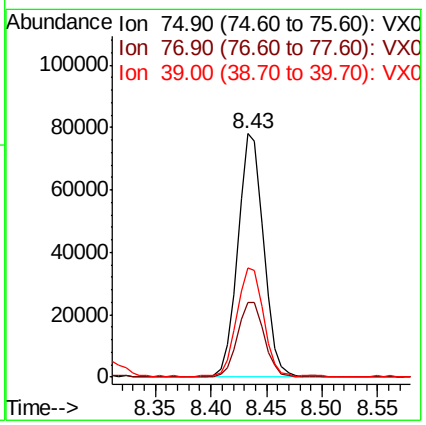


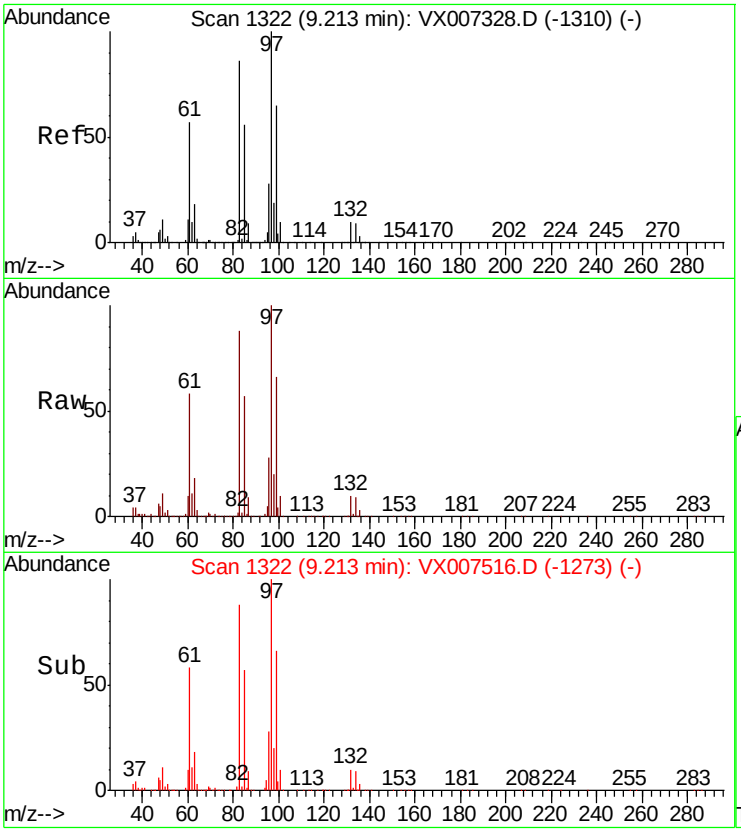




#54
cis-1,3-Dichloropropene
Concen: 18.849 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 75 Resp: 125282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.4 | 26.2 | 39.4 |
| 39 | 44.6 | 37.1 | 55.7 |



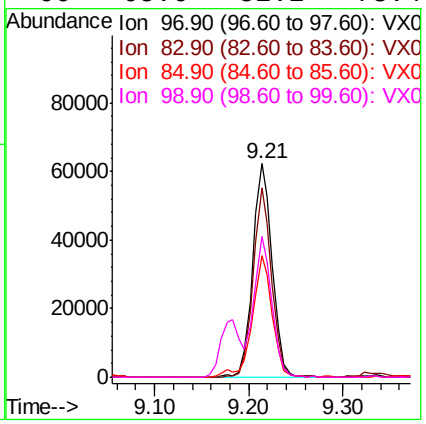


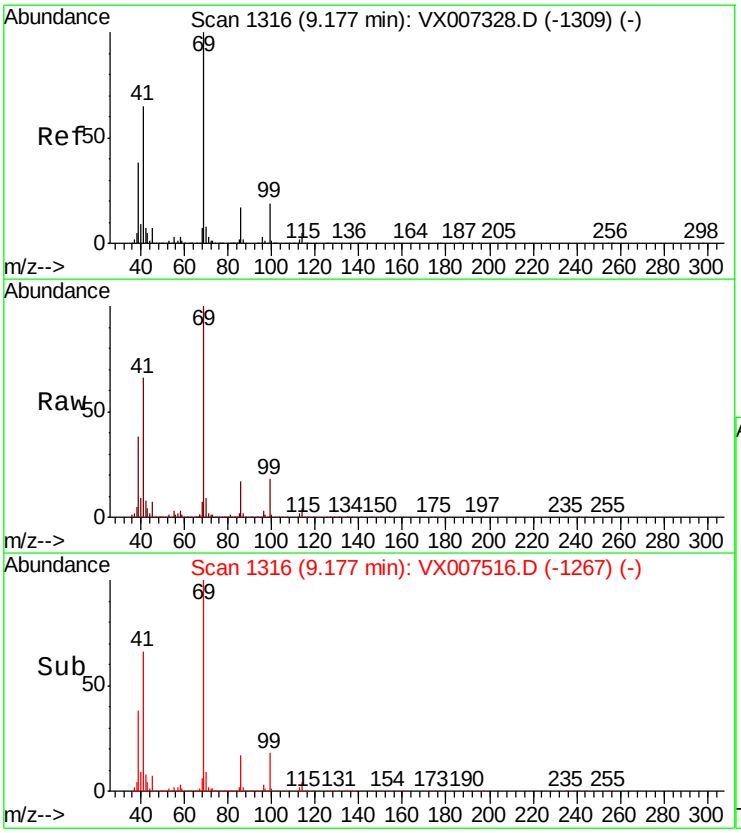

#55
1,1,2-Trichloroethane
Concen: 18.582 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 97 Resp: 91114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 88.3 | 68.6 | 102.8 |
| 85 | 57.0 | 44.5 | 66.7 |
| 99 | 65.6 | 52.2 | 78.4 |

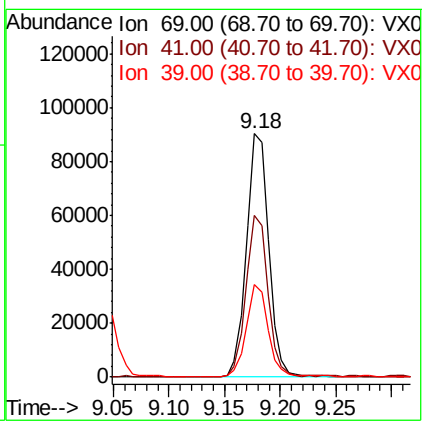


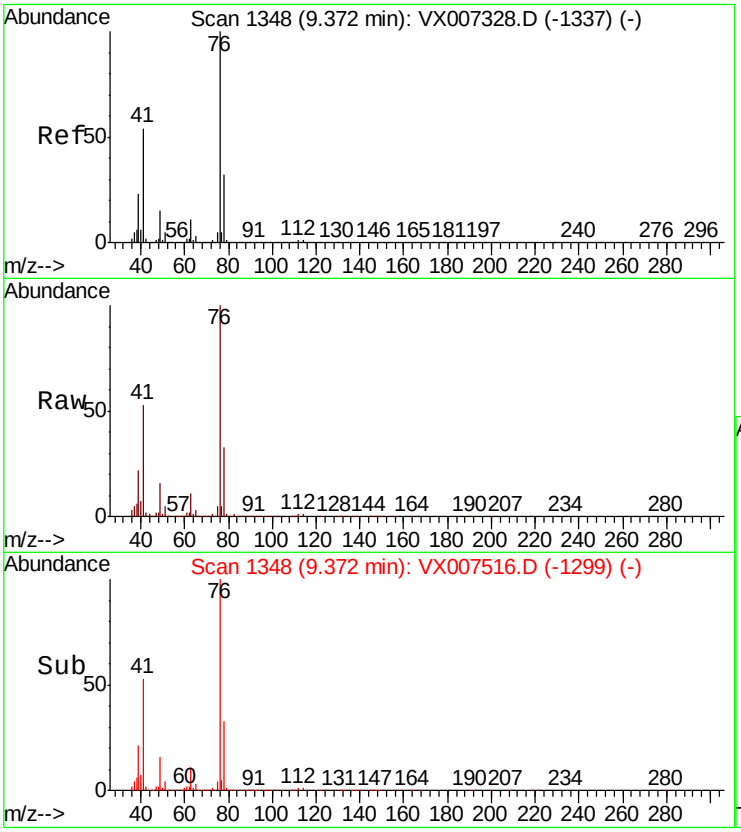




#56
Ethyl methacrylate
Concen: 18.556 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 69 Resp: 126019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 64.6 | 52.1 | 78.1 |
| 39 | 36.5 | 30.1 | 45.1 |



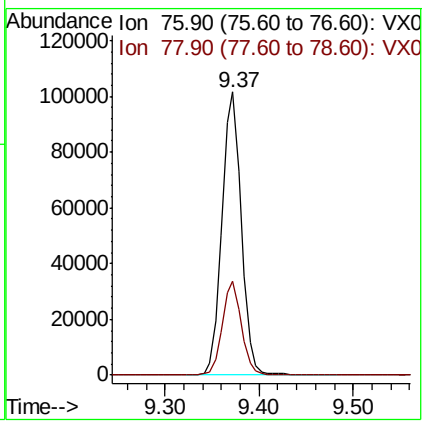


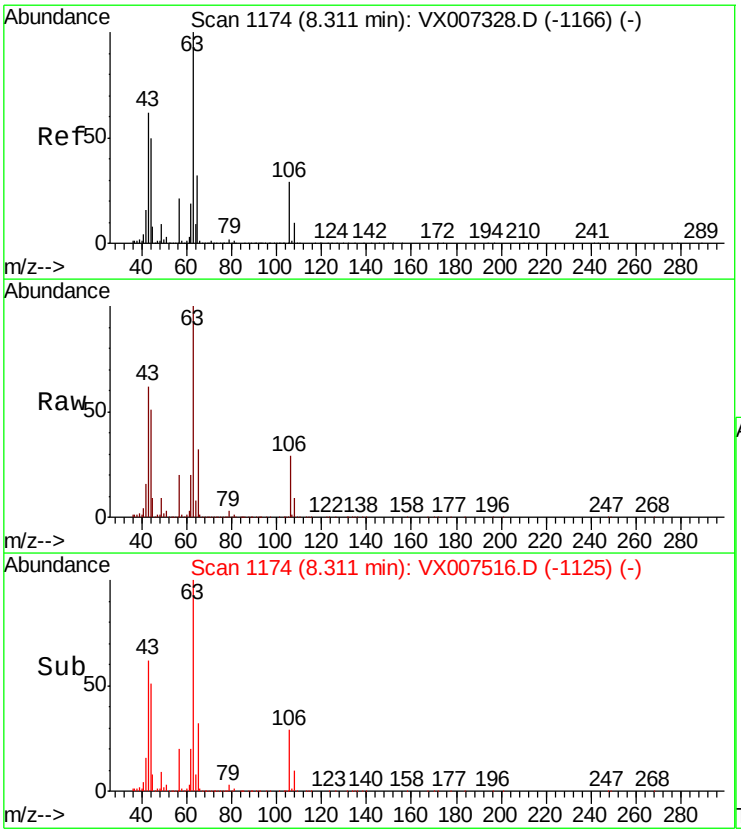

#57
1,3-Dichloropropane
Concen: 18.592 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 76 Resp: 144976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.7 | 25.8 | 38.8 |

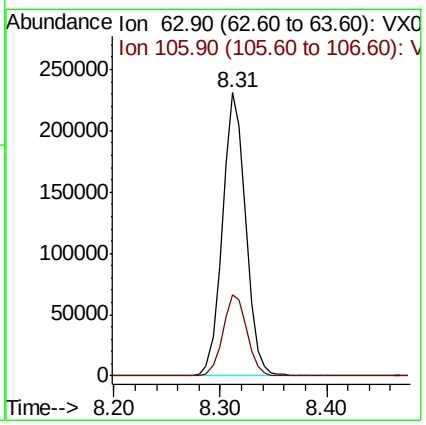


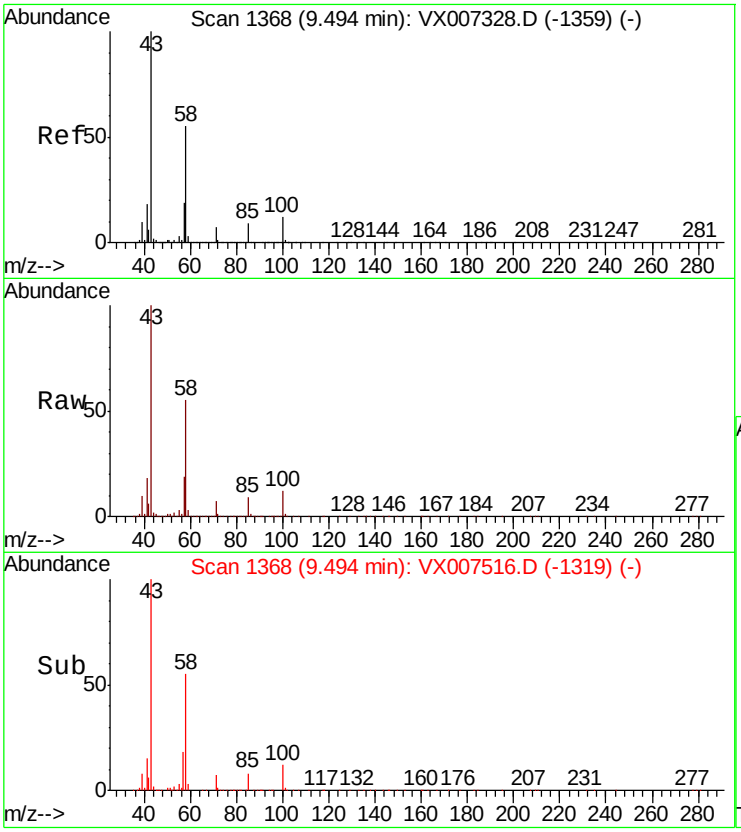




#58
2-Chloroethyl Vinyl ether
Concen: 98.584 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 63 Resp: 352879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.7 | 23.6 | 35.4 |



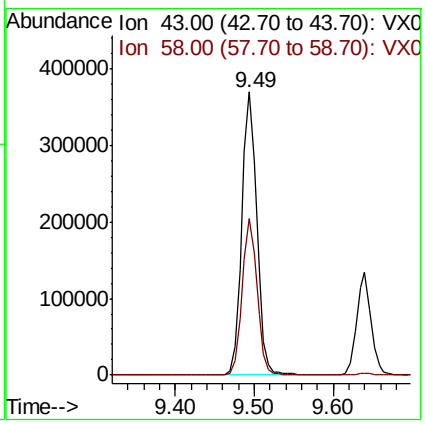


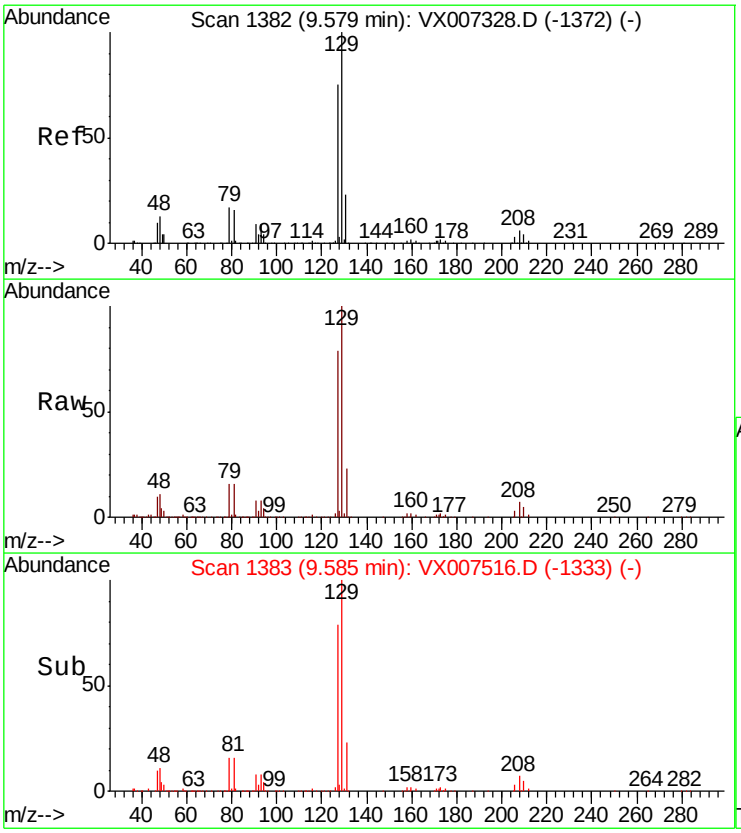

#59
2-Hexanone
Concen: 98.683 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 43 Resp: 488190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.0 | 27.1 | 81.3 |

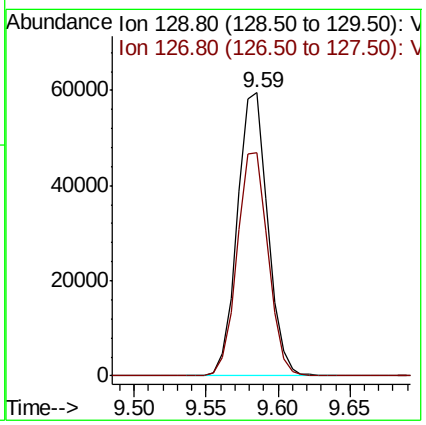


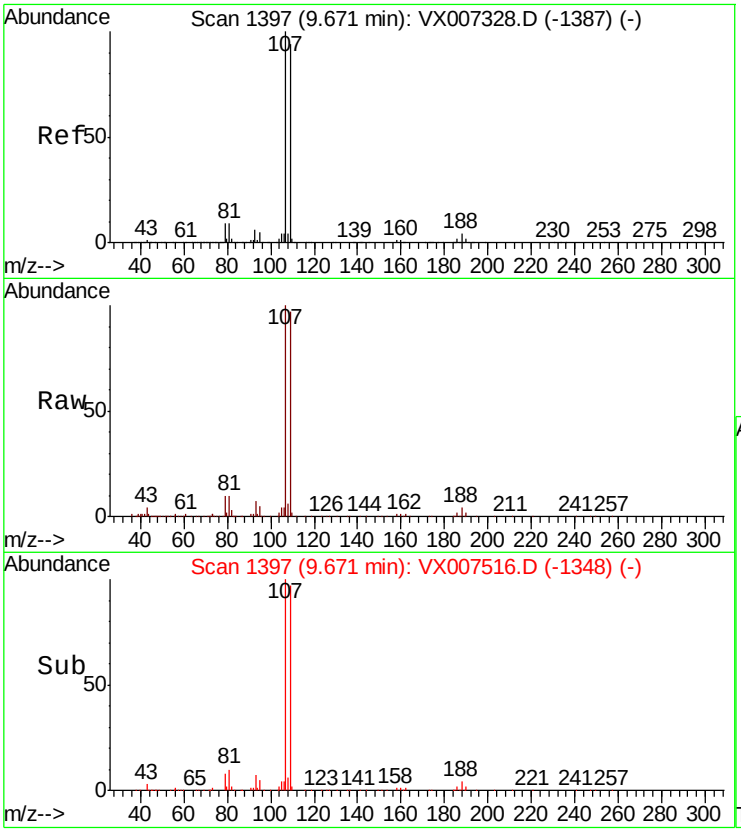




#60
Dibromochloromethane
Concen: 18.827 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion:129 Resp: 87306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 80.4 | 37.8 | 113.4 |



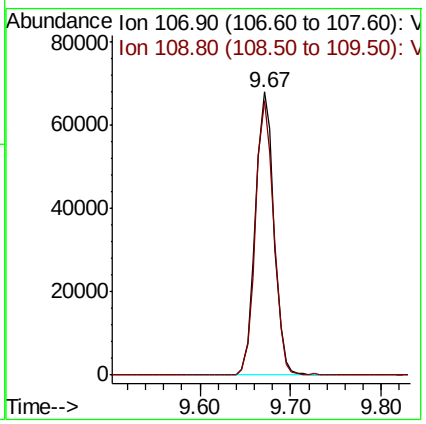


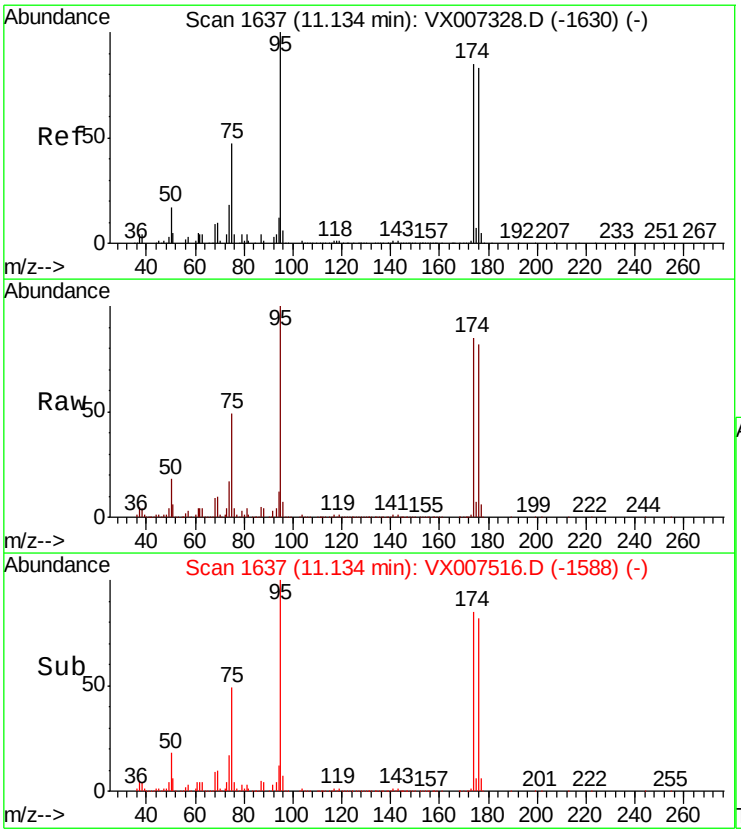

#61
1,2-Dibromoethane
Concen: 18.625 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion:107 Resp: 96713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.6 | 75.1 | 112.7 |

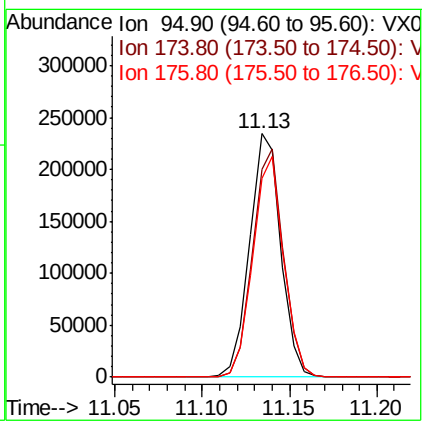


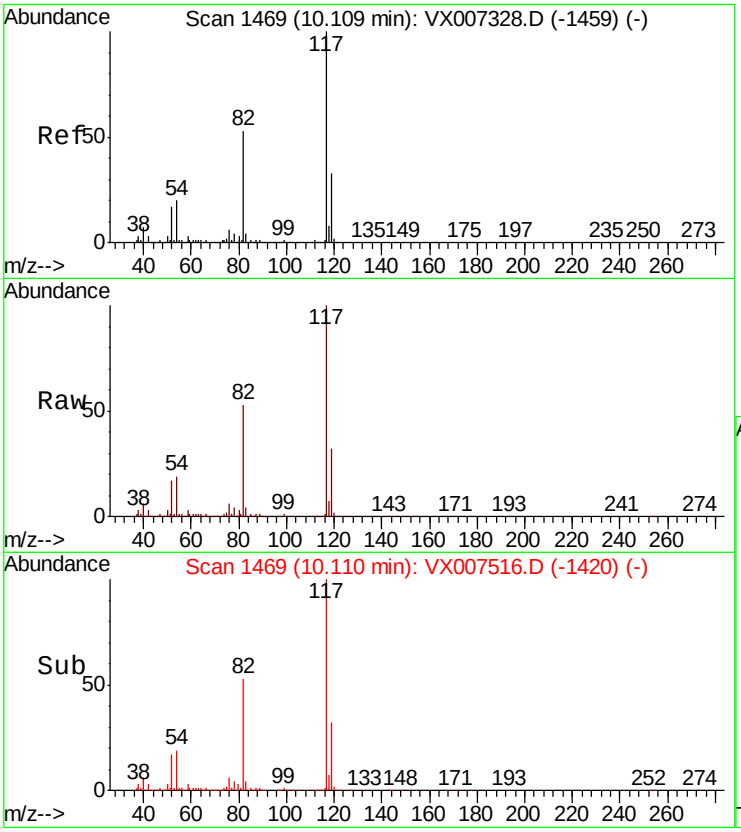




#62
4-Bromofluorobenzene
Concen: 47.743 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 95 Resp: 290271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 93.2 | 0.0 | 189.2 |
| 176 | 89.7 | 0.0 | 186.2 |



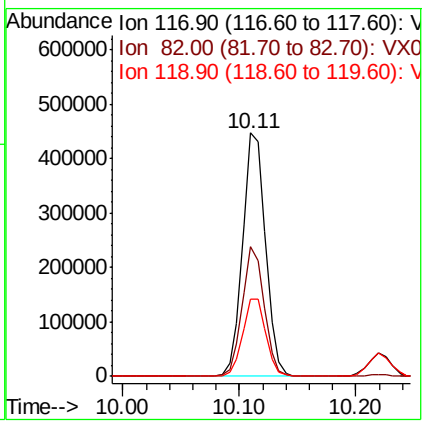


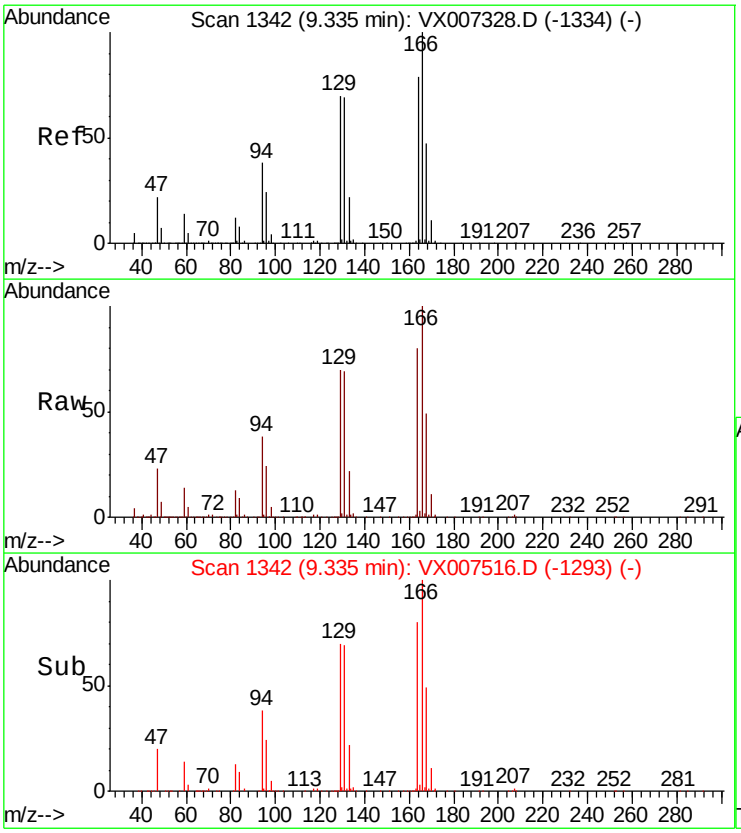

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :** MSVOA_X
**ClientSampleId :** VX0214MBS01

Tgt Ion:117 Resp: 617390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.2 | 42.1 | 63.1 |
| 119 | 31.6 | 26.5 | 39.7 |

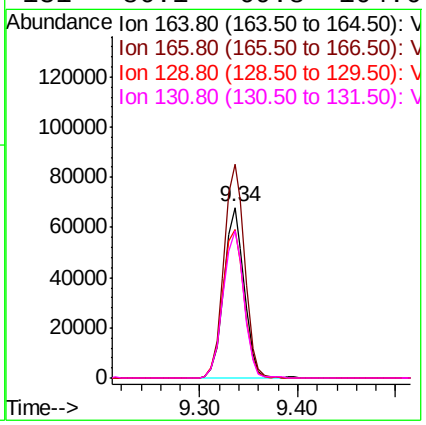


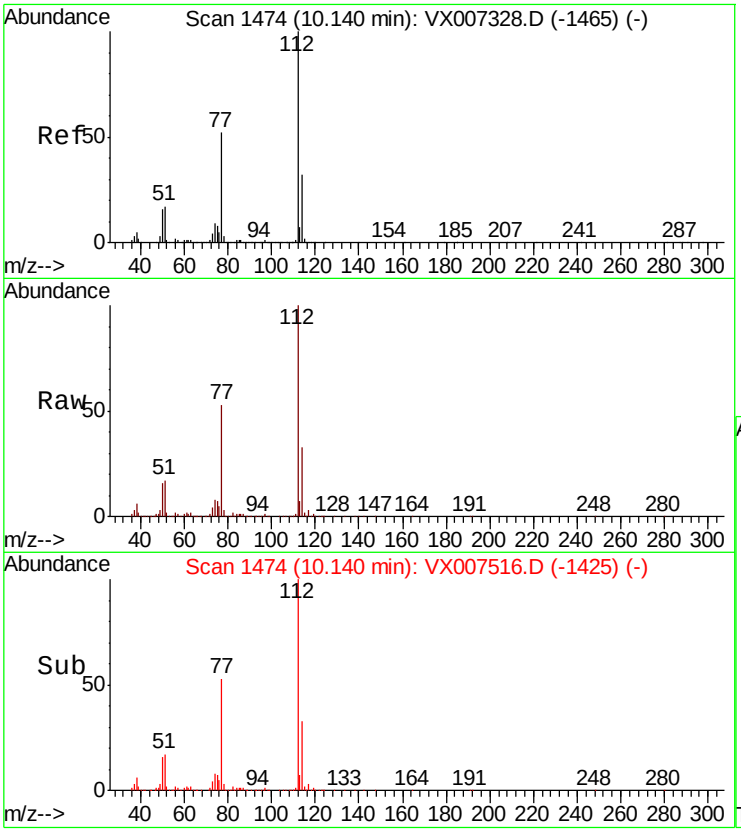




#64
Tetrachloroethene
Concen: 16.779 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion:164 Resp: 97636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 125.4 | 101.0 | 151.4 |
| 129 | 87.5 | 70.5 | 105.7 |
| 131 | 86.1 | 69.8 | 104.6 |



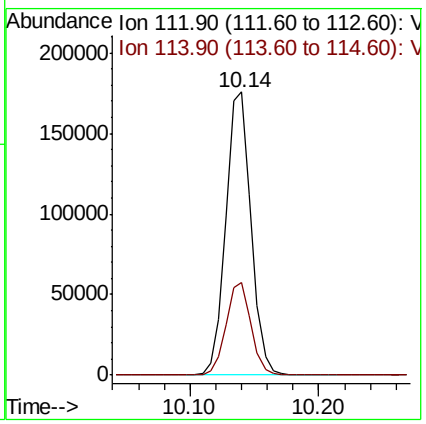


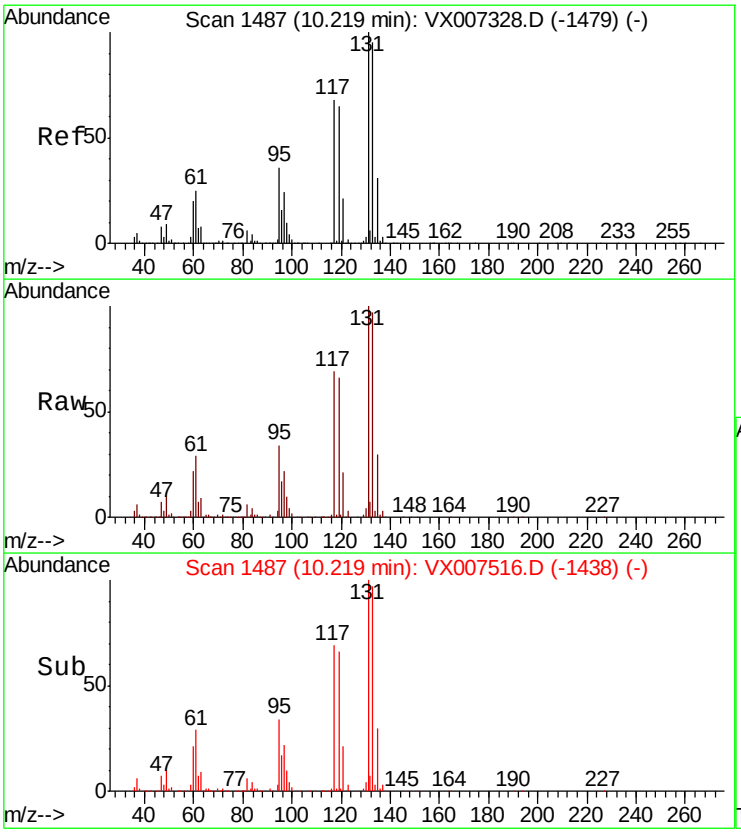

#65
Chlorobenzene
Concen: 17.993 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :** MSVOA_X
**ClientSampleId :** VX0214MBS01

Tgt Ion:112 Resp: 242410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.5 | 25.8 | 38.6 |

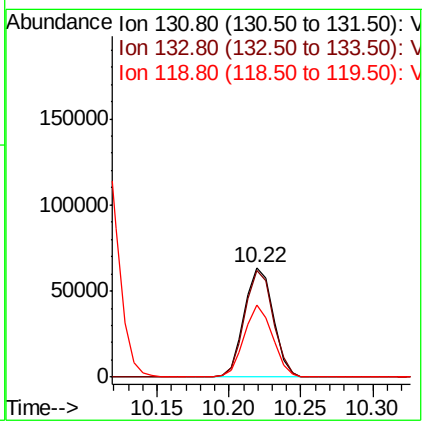


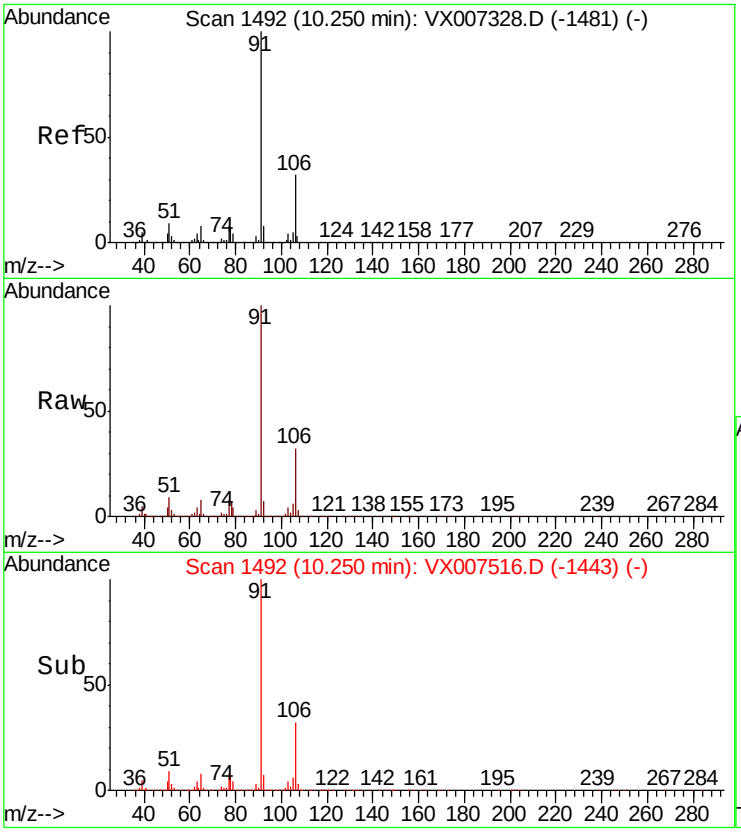




#66
1,1,1,2-Tetrachloroethane
Concen: 19.655 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion:131 Resp: 88782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.6 | 48.0 | 144.2 |
| 119 | 64.8 | 32.0 | 96.0 |



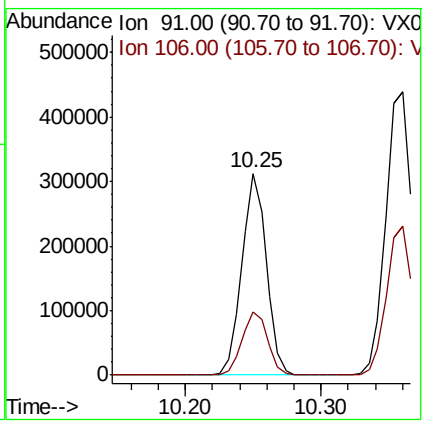


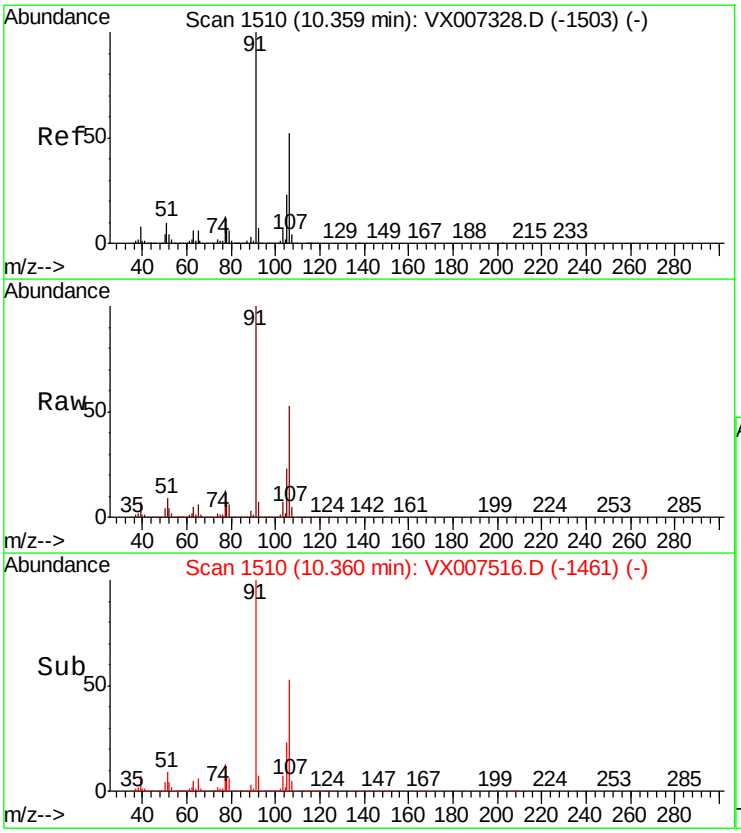

#67
Ethyl Benzene
Concen: 18.175 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 91 Resp: 394336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.6 | 25.4 | 38.0 |

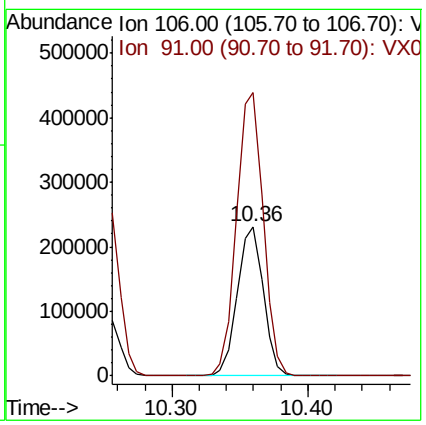


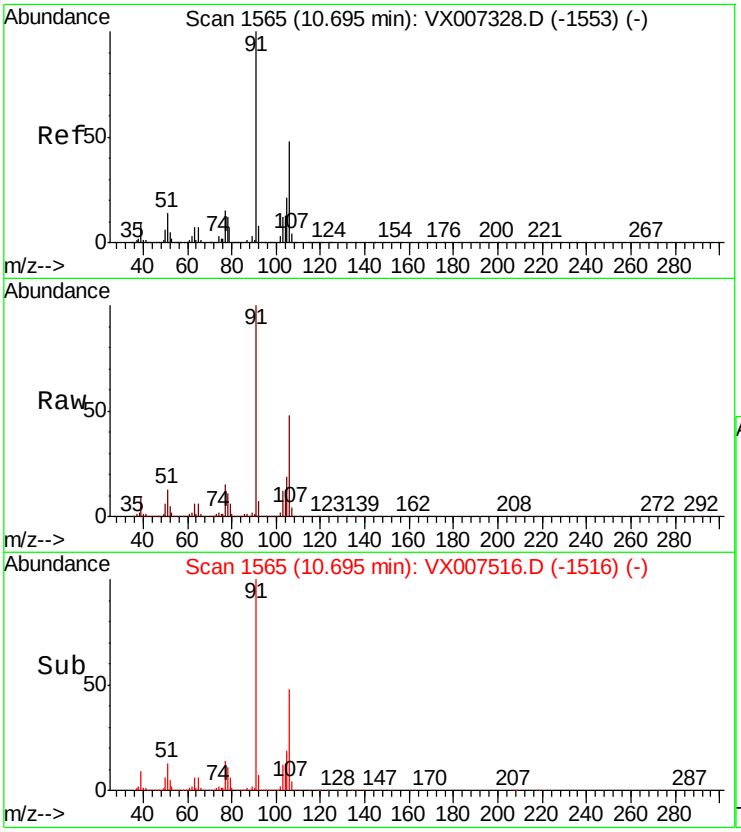




#68
m/p-Xylenes
Concen: 35.863 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion:106 Resp: 309303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 194.5 | 156.6 | 234.8 |



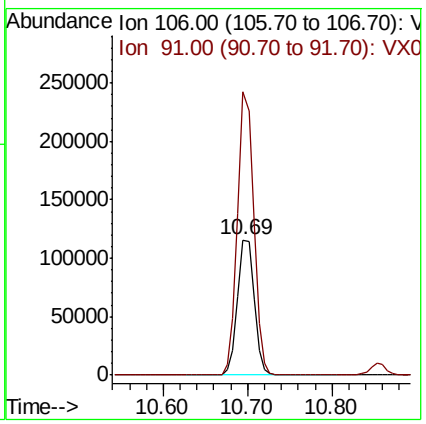


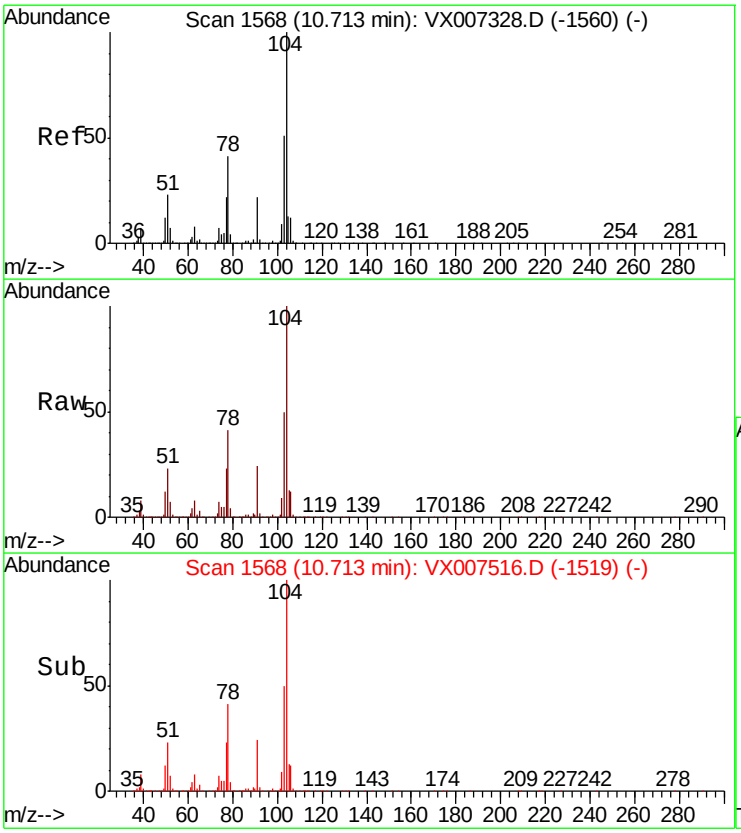

#69
o-Xylene
Concen: 18.558 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion:106 Resp: 154013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 202.8 | 102.9 | 308.7 |

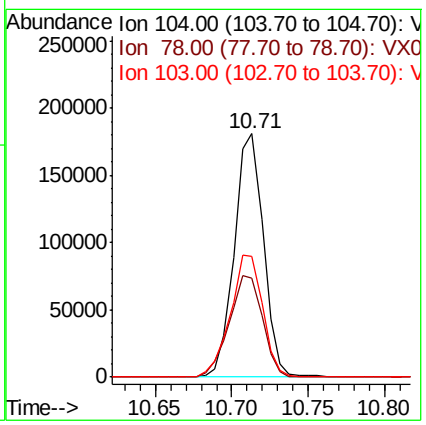


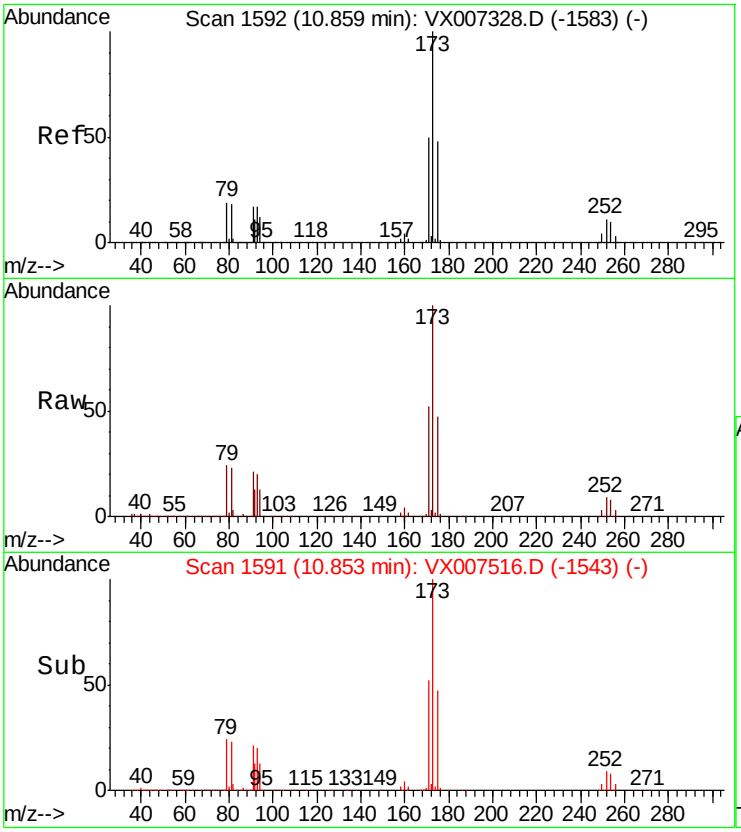




#70
Styrene
Concen: 17.780 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion:104 Resp: 239297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 47.8 | 38.3 | 57.5 |
| 103 | 55.8 | 44.6 | 67.0 |



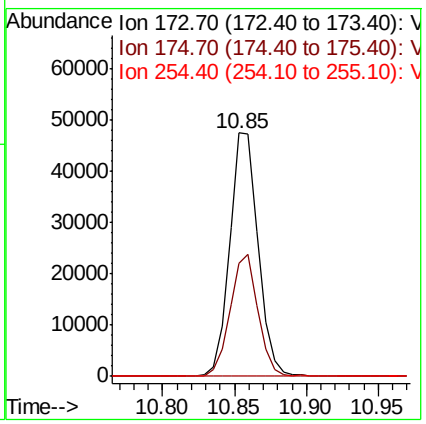


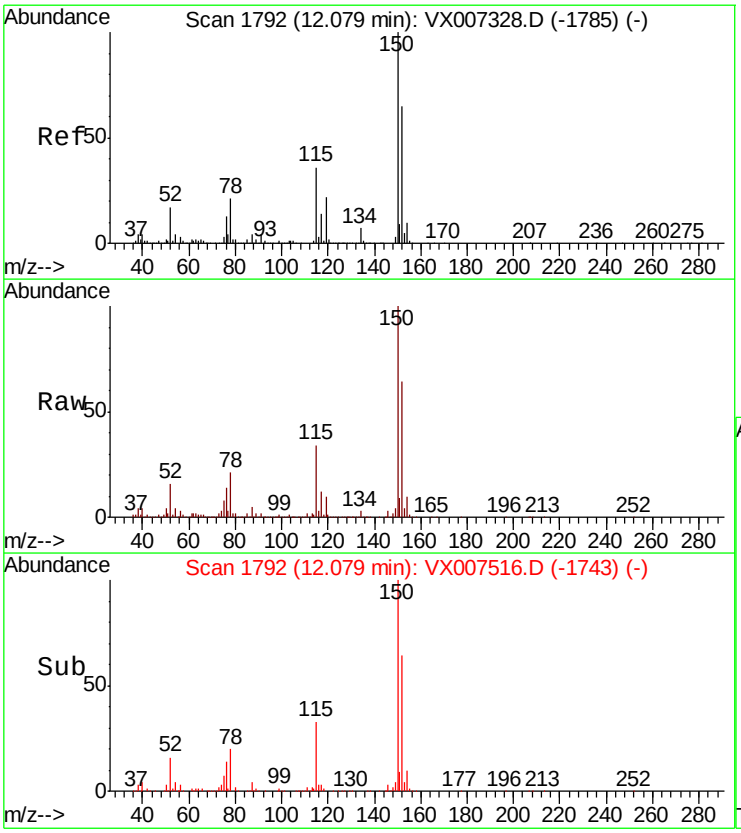

#71
Bromoform
Concen: 19.241 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion:173 Resp: 65548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.3 | 24.2 | 72.6 |
| 254 | 0.0 | 0.2 | 0.2# |

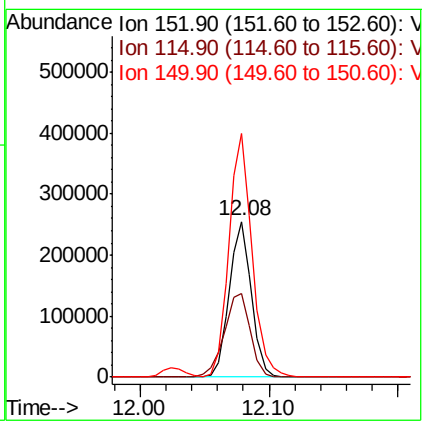


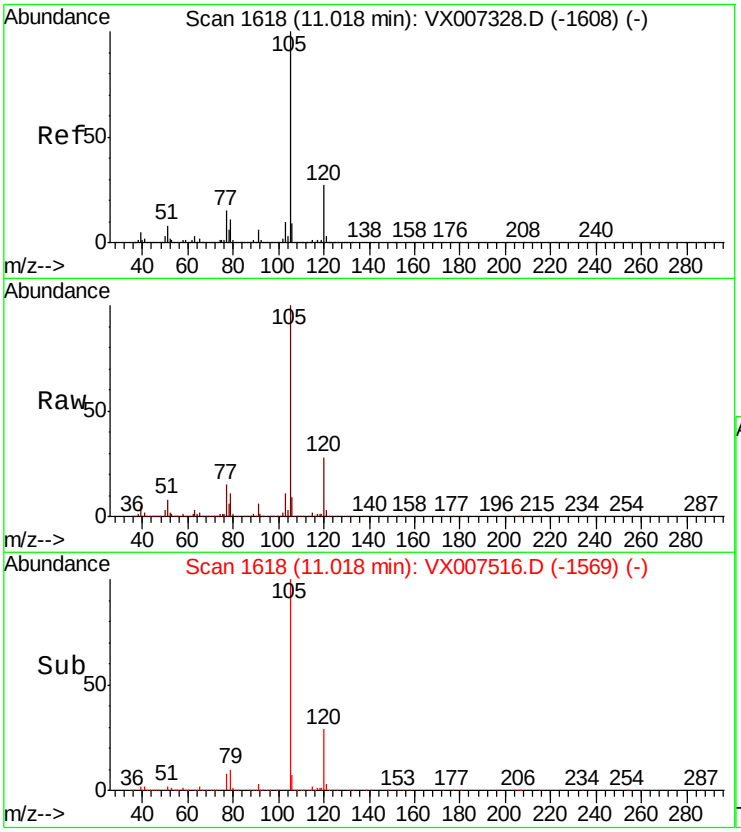




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion:152 Resp: 306023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 63.7 | 38.0 | 114.0 |
| 150 | 162.8 | 0.0 | 346.4 |



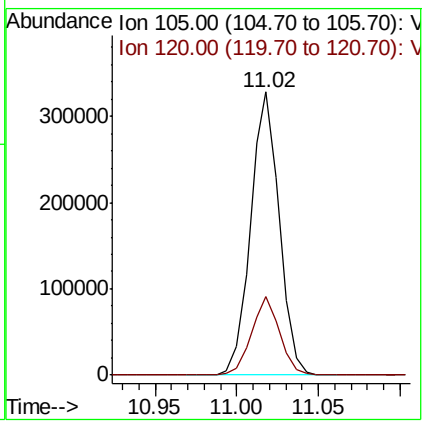


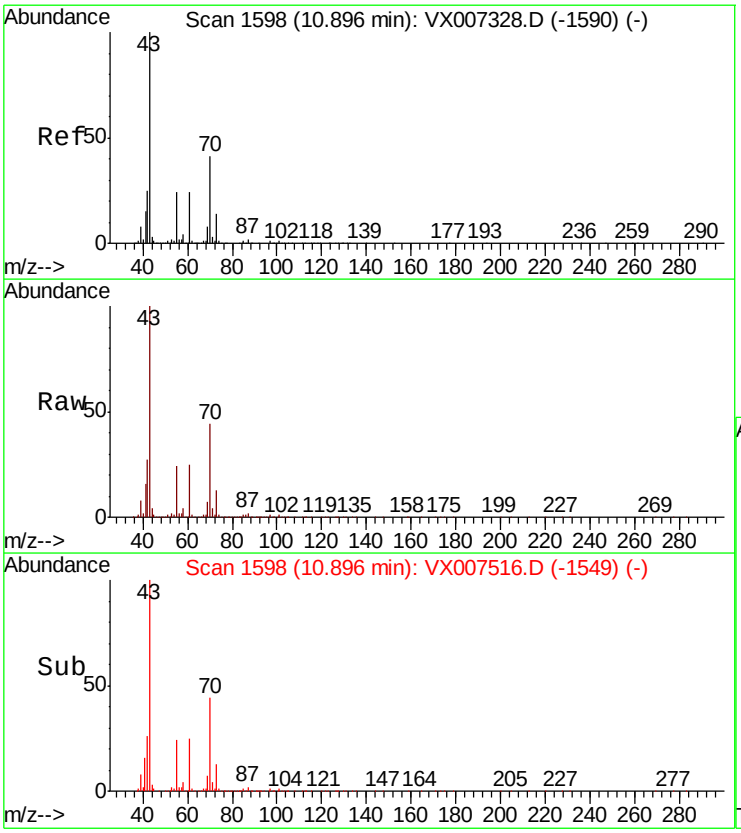

#73
Isopropylbenzene
Concen: 19.210 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :** MSVOA_X
**ClientSampleId :** VX0214MBS01

Tgt Ion:105 Resp: 399499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.5 | 13.6 | 40.7 |

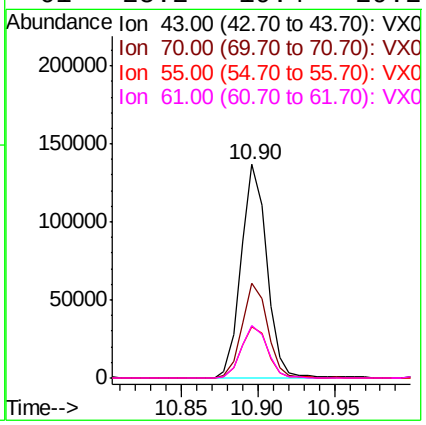


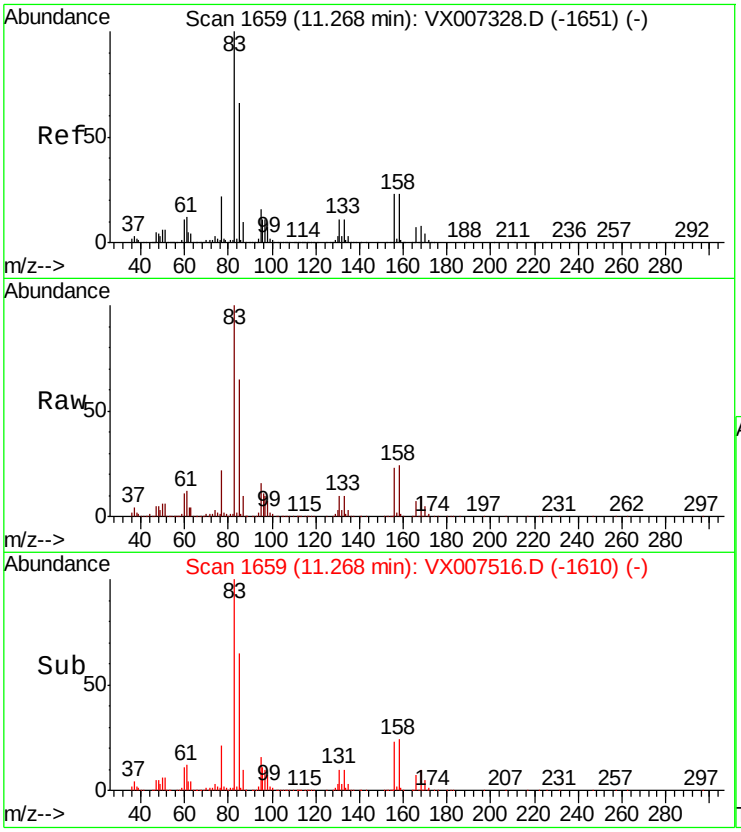




#74
N-amyl acetate
Concen: 19.810 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 43 Resp: 159348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 44.0 | 33.8 | 50.6 |
| 55 | 24.8 | 19.5 | 29.3 |
| 61 | 25.2 | 19.4 | 29.2 |



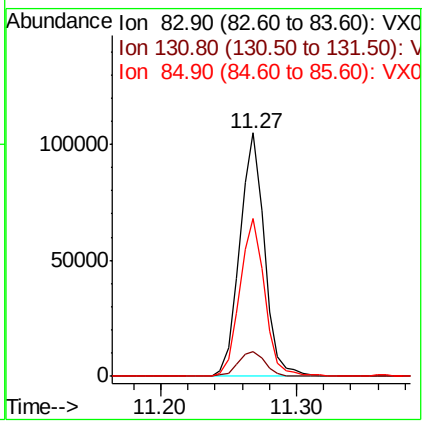


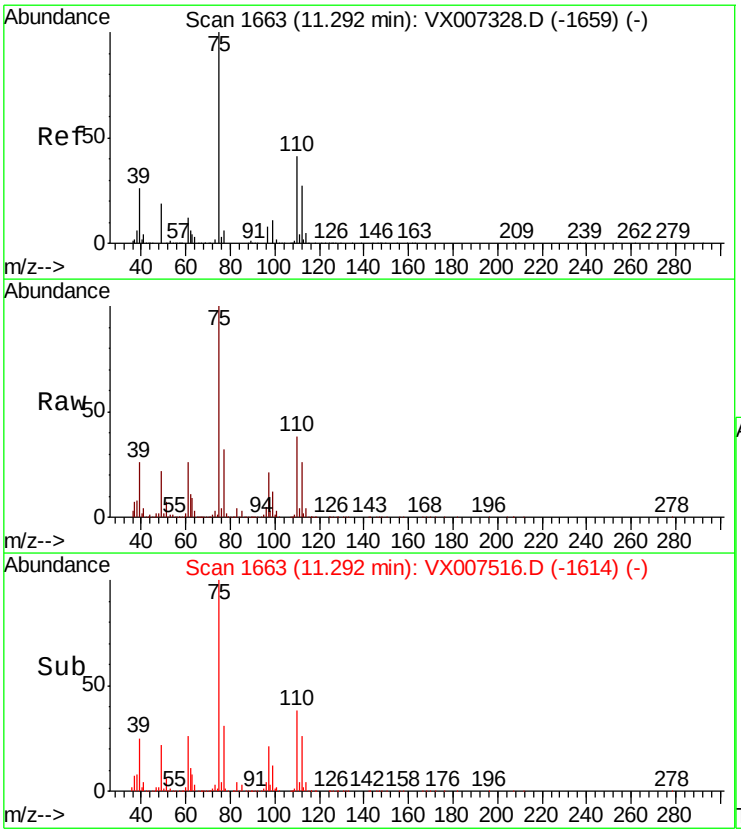

#75
1,1,2,2-Tetrachloroethane
Concen: 20.919 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 83 Resp: 132582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.2 | 5.7 | 17.0 |
| 85 | 65.6 | 32.8 | 98.3 |

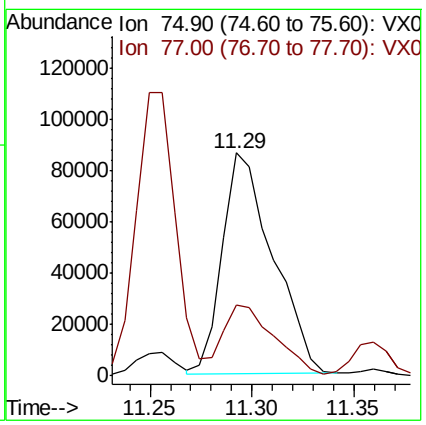


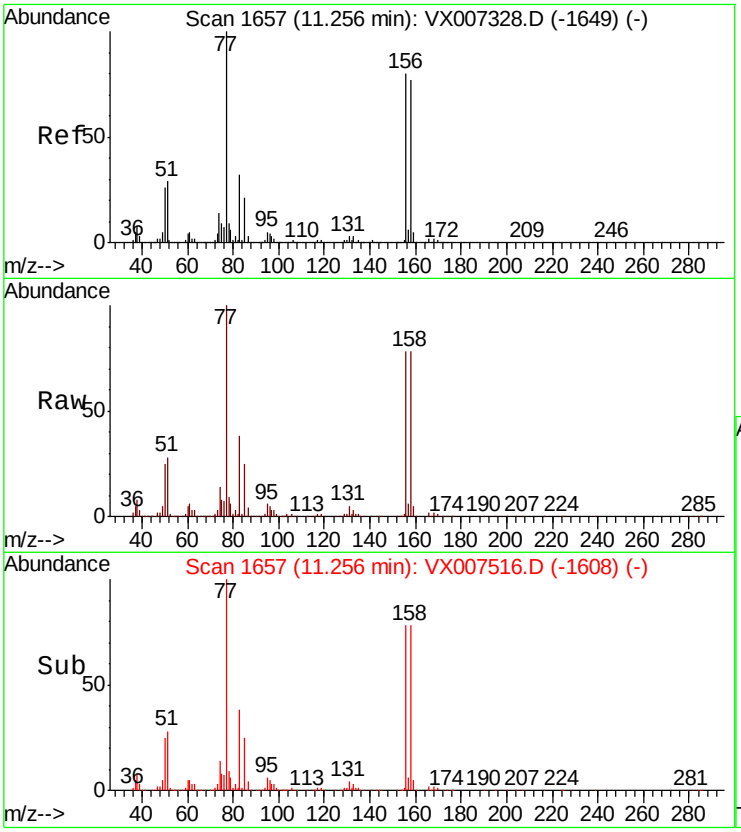




#76
1,2,3-Trichloropropane
Concen: 24.861 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 75 Resp: 147984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.3 | 23.0 | 69.0 |



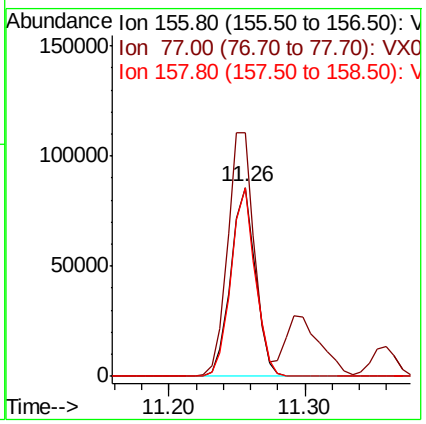


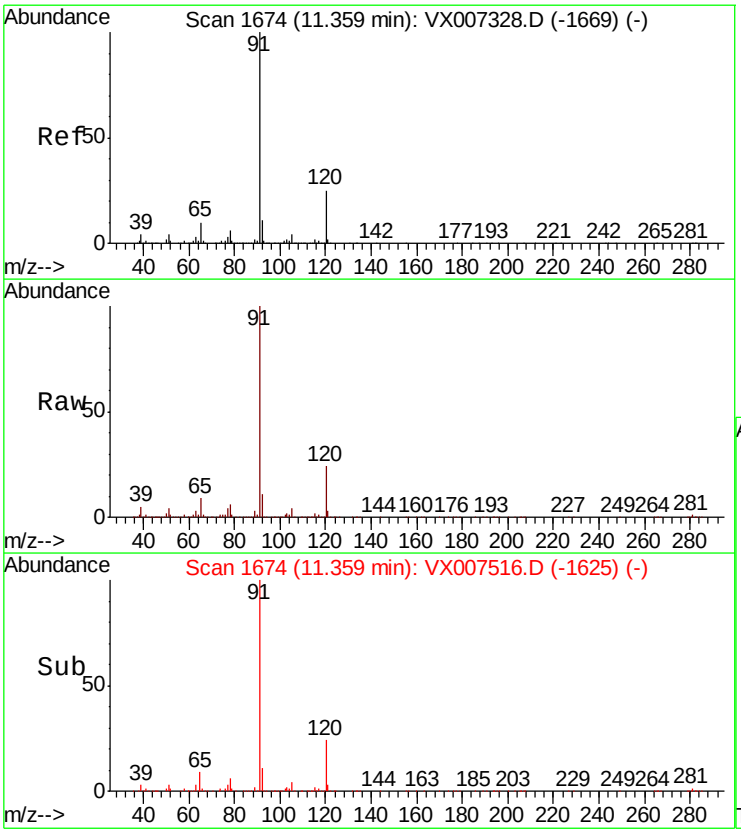

#77
Bromobenzene
Concen: 18.592 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :** MSVOA_X
**ClientSampleId :** VX0214MBS01

Tgt Ion:156 Resp: 108935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 136.1 | 66.8 | 200.6 |
| 158 | 98.1 | 47.9 | 143.8 |

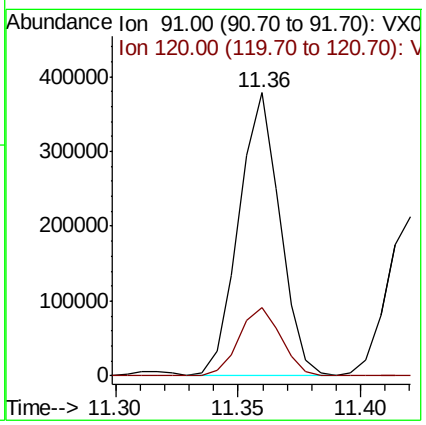


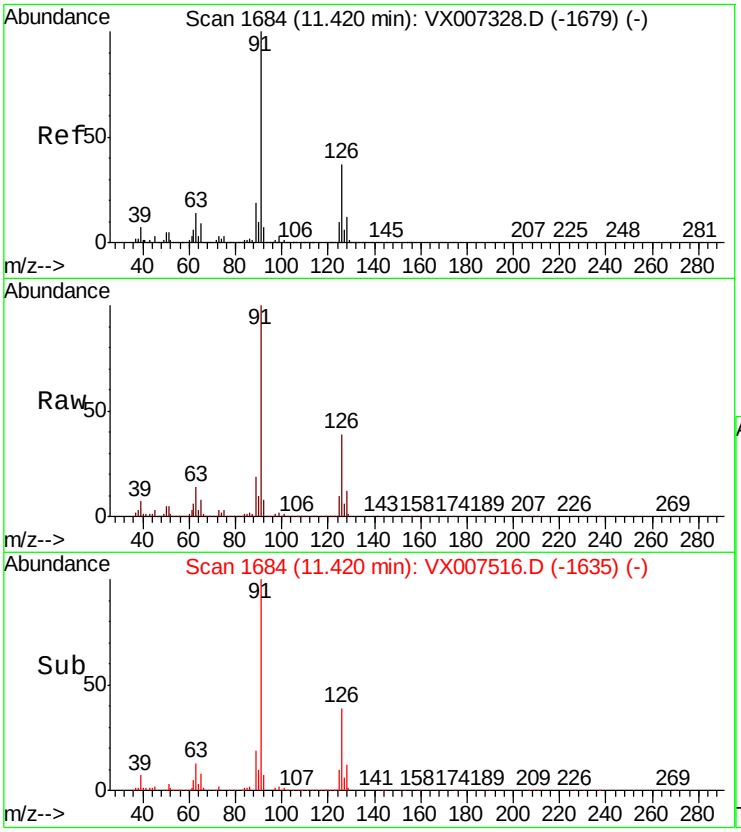




#78
n-propylbenzene
Concen: 19.344 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 91 Resp: 441128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 25.0 | 12.4 | 37.2 |



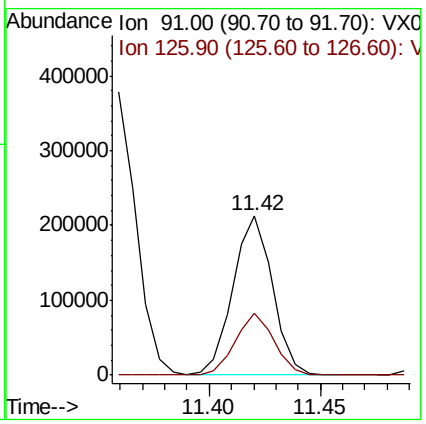


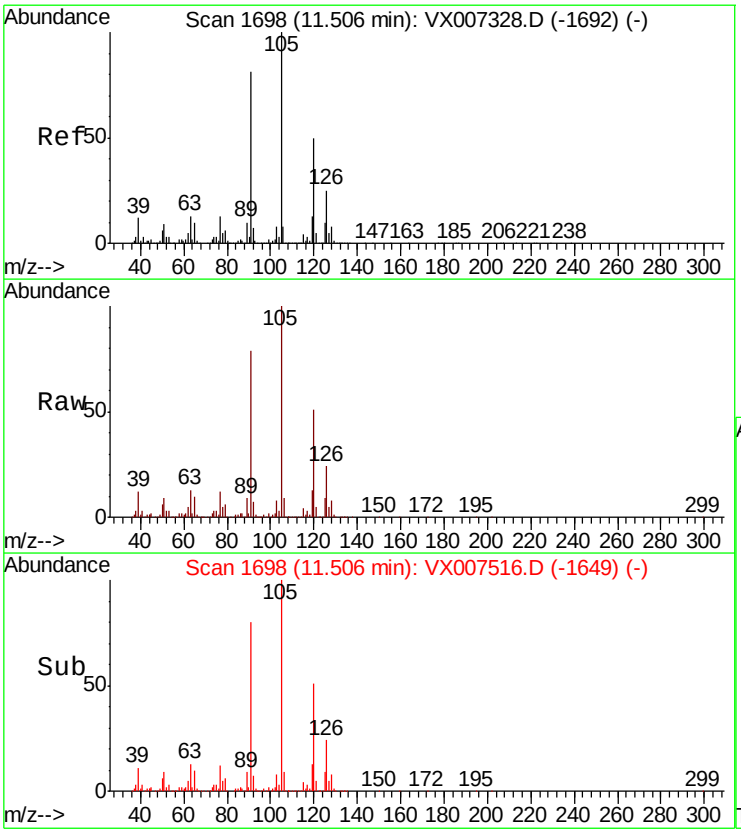

#79
2-Chlorotoluene
Concen: 18.993 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :** MSVOA_X
**ClientSampleId :** VX0214MBS01

Tgt Ion: 91 Resp: 262803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 38.1 | 18.7 | 56.1 |

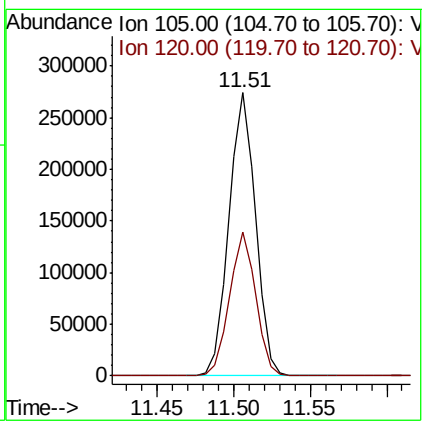


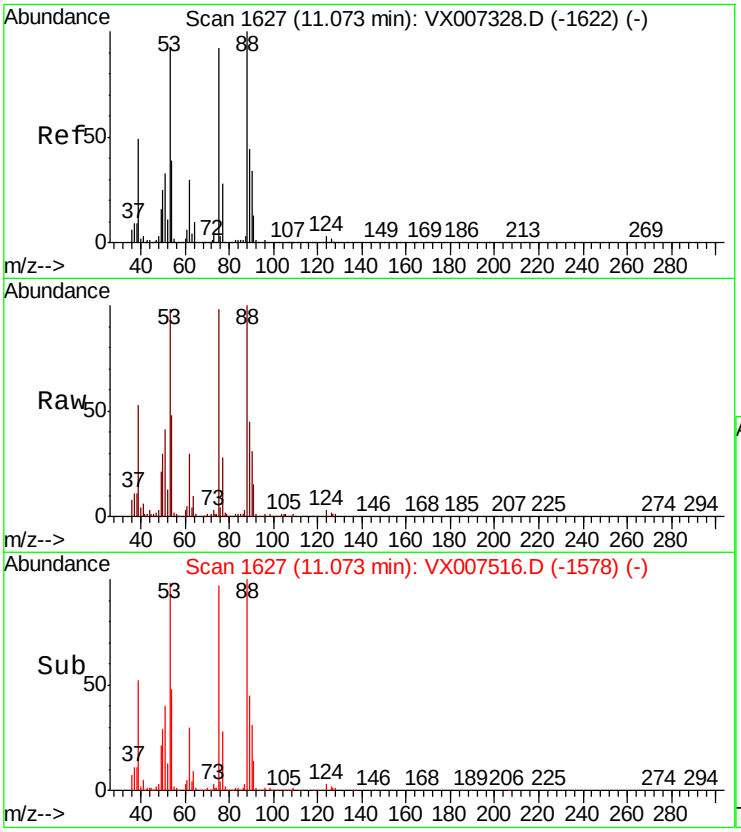




#80
1,3,5-Trimethylbenzene
Concen: 19.365 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion:105 Resp: 329473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.9 | 25.3 | 75.8 |



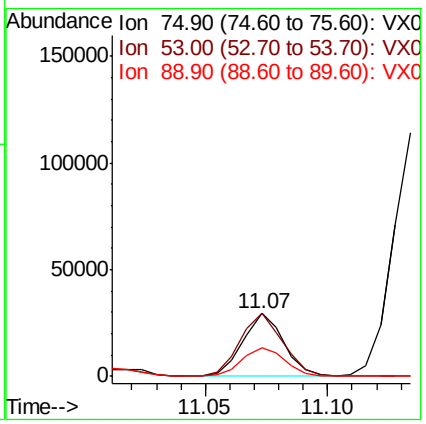


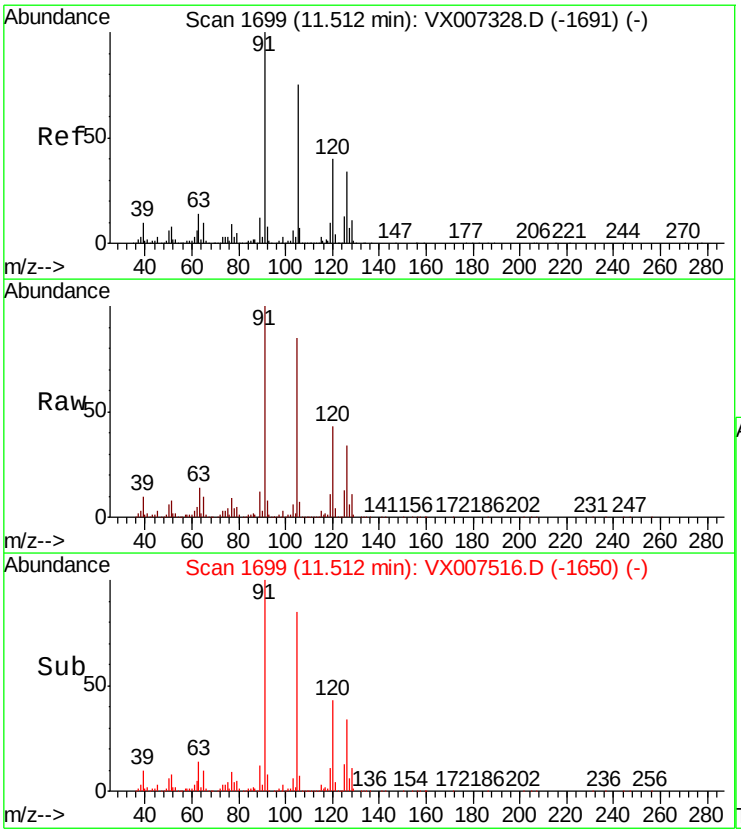

#81
trans-1,4-Dichloro-2-butene
Concen: 20.222 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion: 75 Resp: 33646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 105.7 | 81.0 | 121.6 |
| 89 | 49.1 | 41.4 | 62.0 |

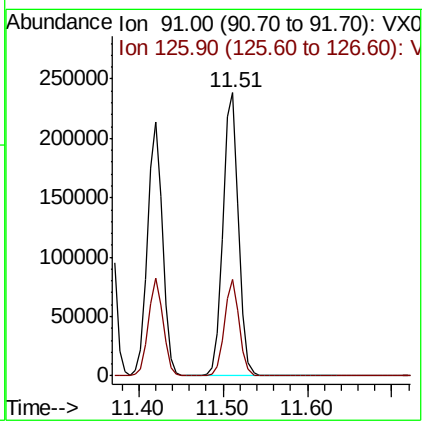


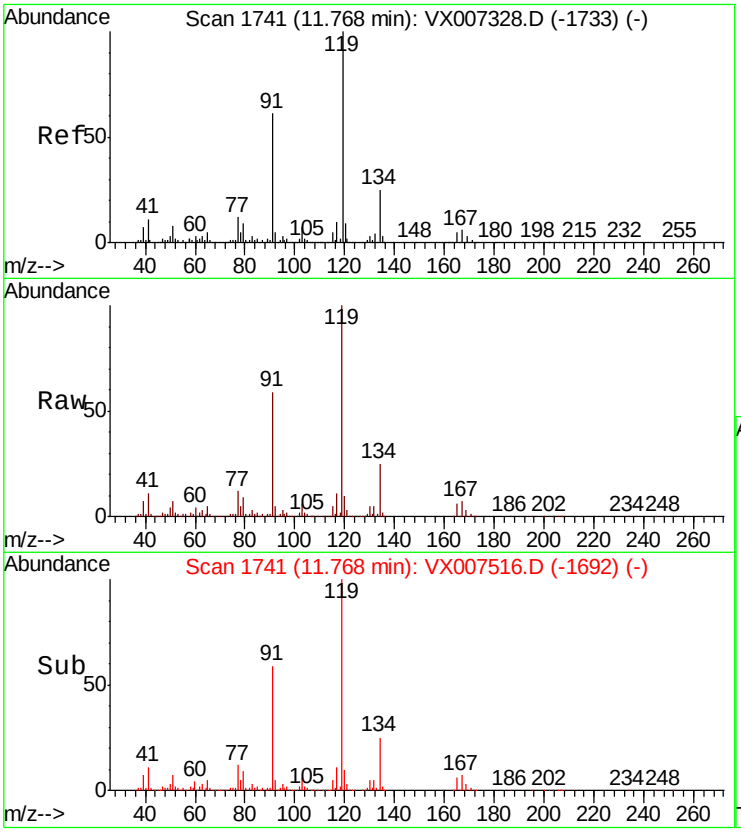




#82
4-Chlorotoluene
Concen: 18.955 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 91 Resp: 303488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.6 | 16.2 | 48.5 |



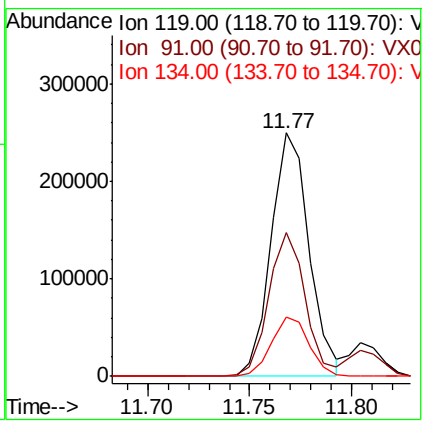


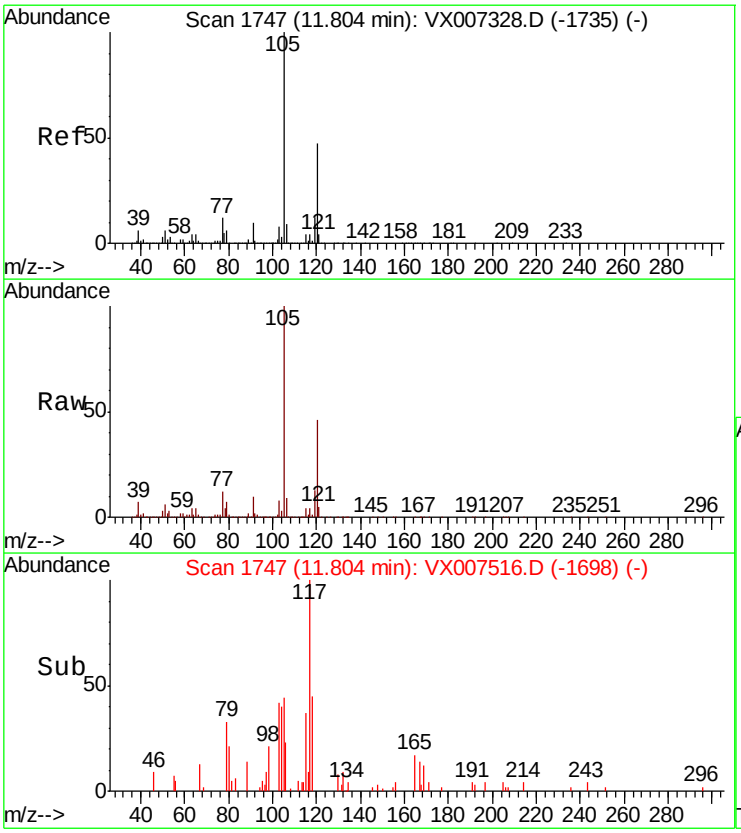

#83
tert-Butylbenzene
Concen: 19.274 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion:119 Resp: 324655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 56.4 | 28.5 | 85.6 |
| 134 | 24.4 | 12.0 | 36.0 |

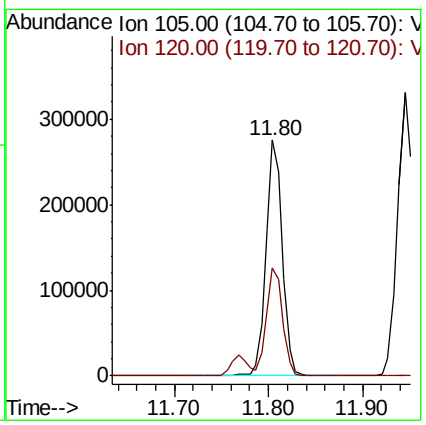


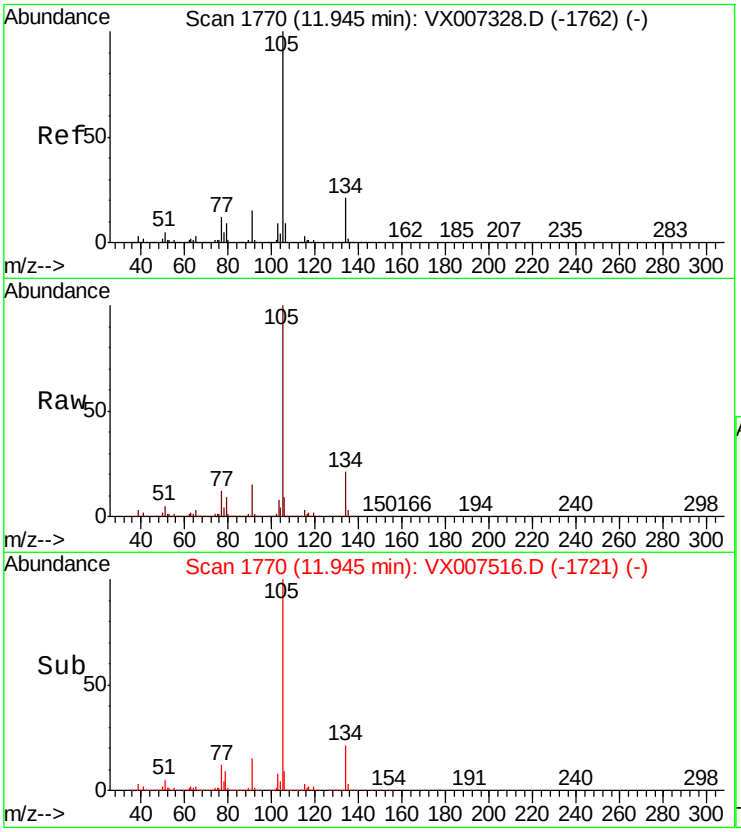




#84
1,2,4-Trimethylbenzene
Concen: 19.425 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion:105 Resp: 335526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.2 | 23.1 | 69.3 |



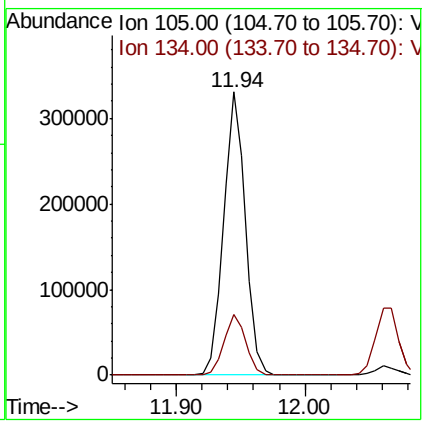


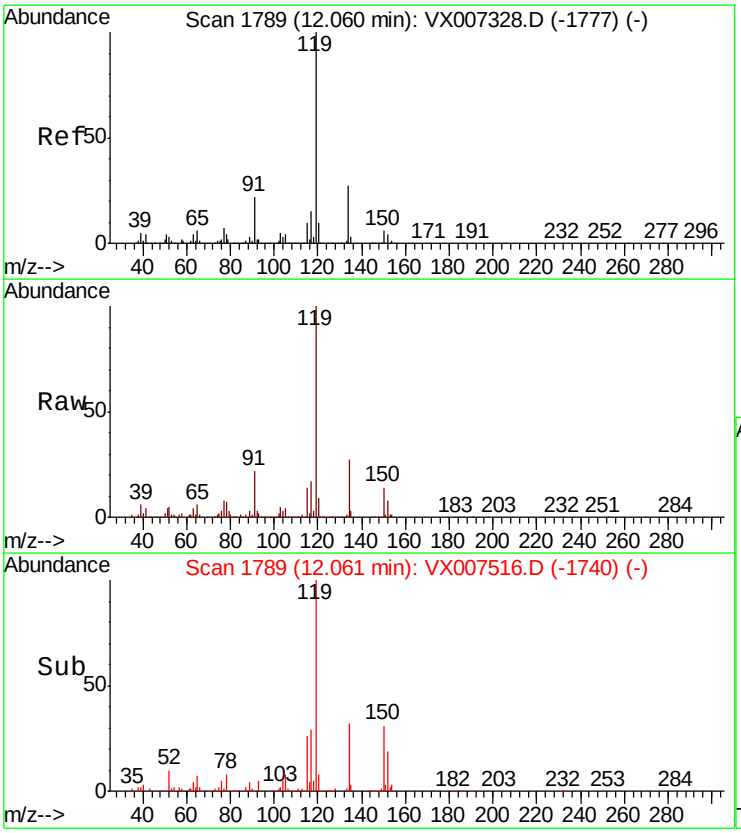

#85
sec-Butylbenzene
Concen: 19.243 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion:105 Resp: 392305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.3 | 10.6 | 31.8 |

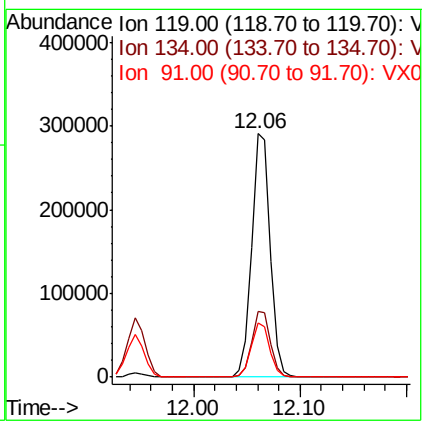


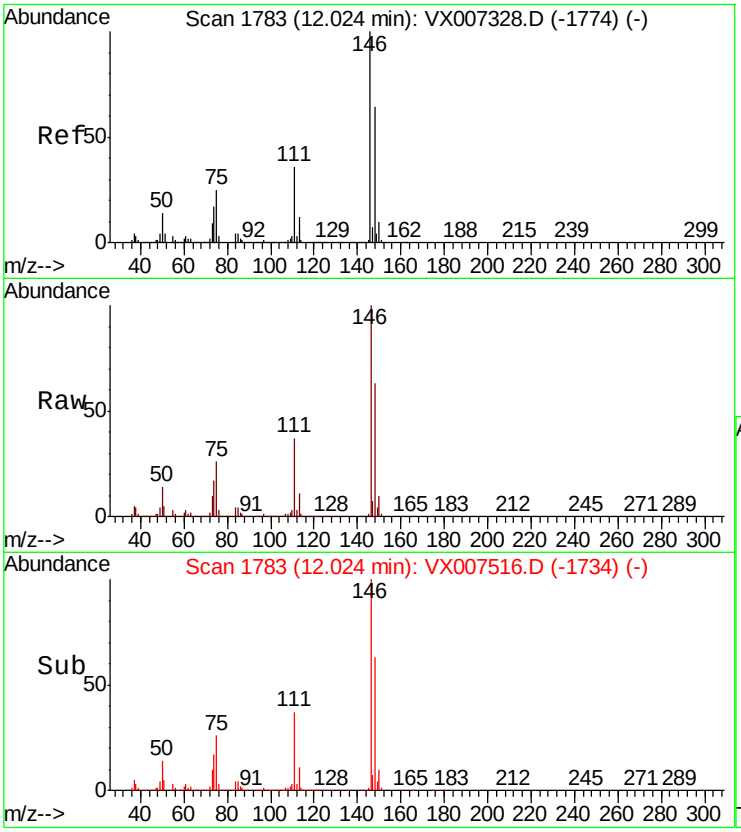




#86
p-Isopropyltoluene
Concen: 19.321 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion:119 Resp: 355579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.3 | 13.7 | 41.1 |
| 91 | 22.0 | 11.2 | 33.5 |



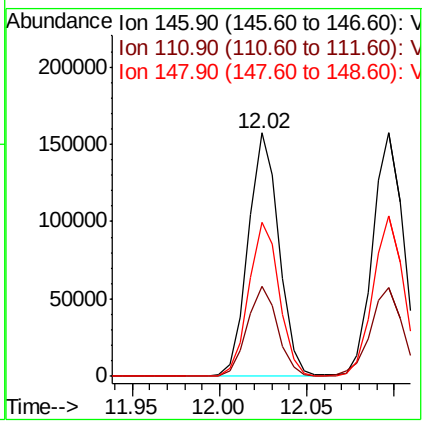


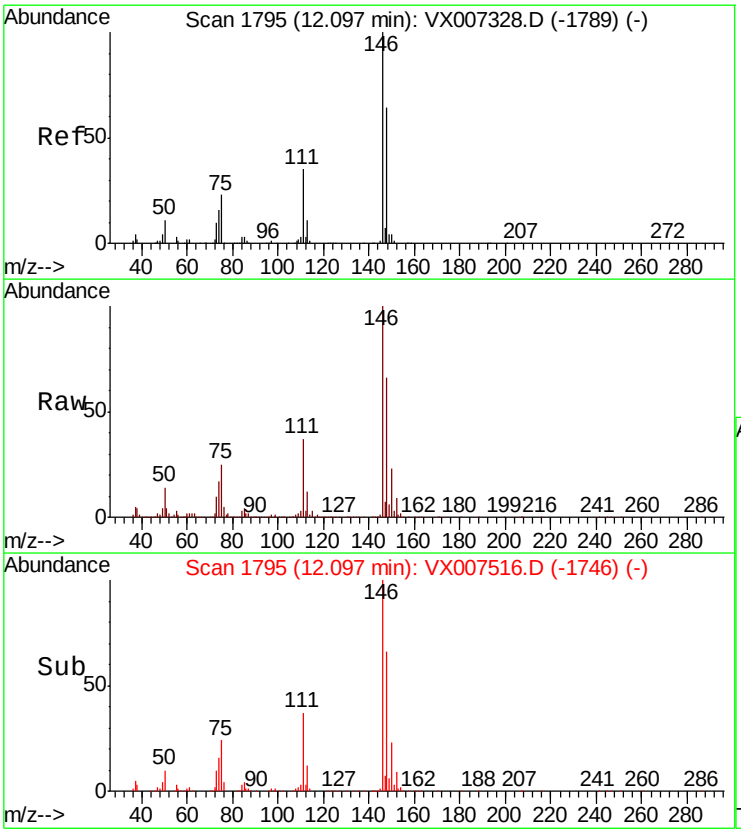

#87
1,3-Dichlorobenzene
Concen: 18.305 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion:146 Resp: 192487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.6 | 18.1 | 54.1 |
| 148 | 62.8 | 32.0 | 96.2 |

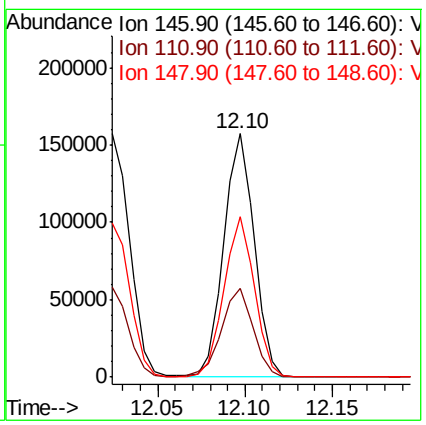


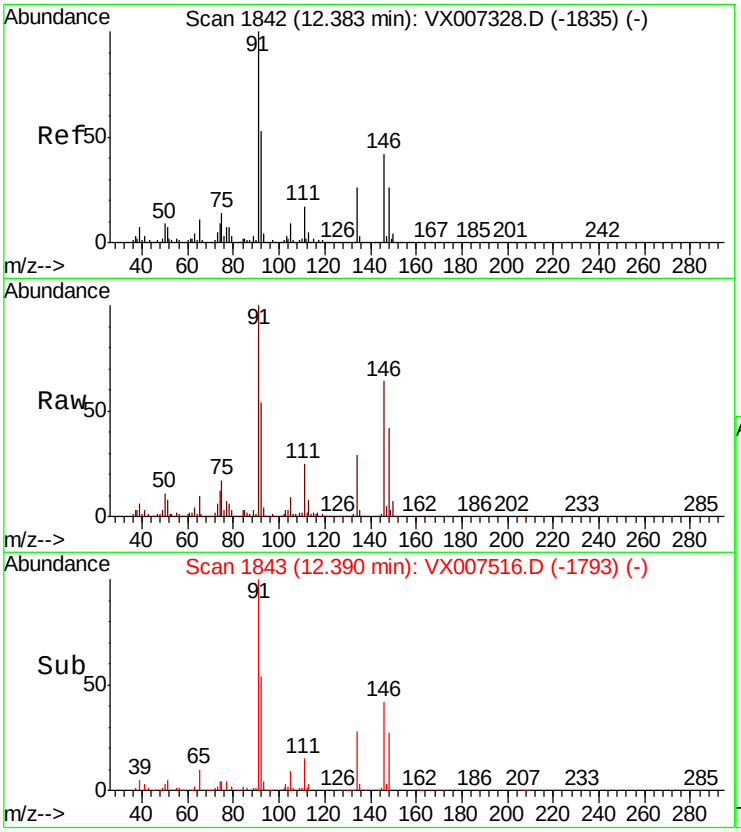




#88
1,4-Dichlorobenzene
Concen: 17.883 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion:146 Resp: 190787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.4 | 18.1 | 54.1 |
| 148 | 65.9 | 32.3 | 96.9 |



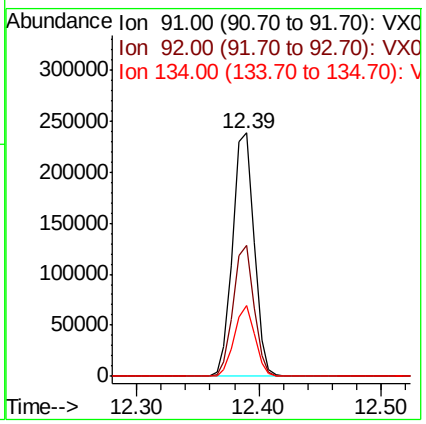


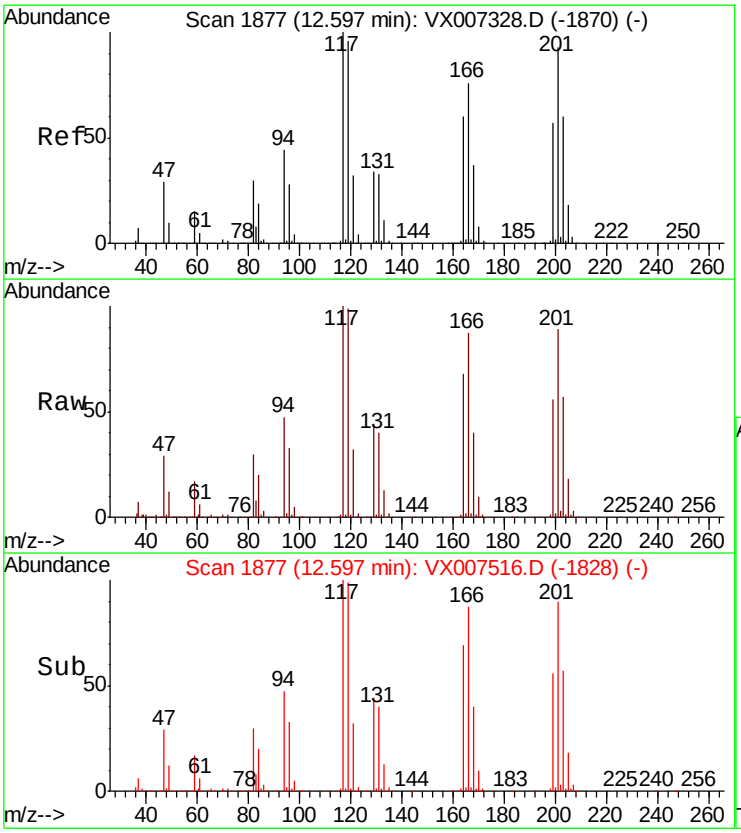

#89
n-Butylbenzene
Concen: 18.172 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :** MSVOA_X
**ClientSampleId :** VX0214MBS01

Tgt Ion: 91 Resp: 287688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.4 | 26.3 | 78.9 |
| 134 | 28.1 | 13.9 | 41.6 |

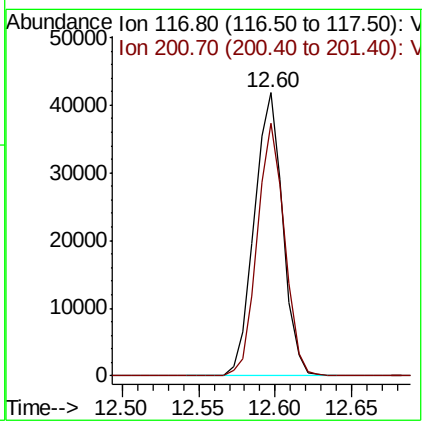


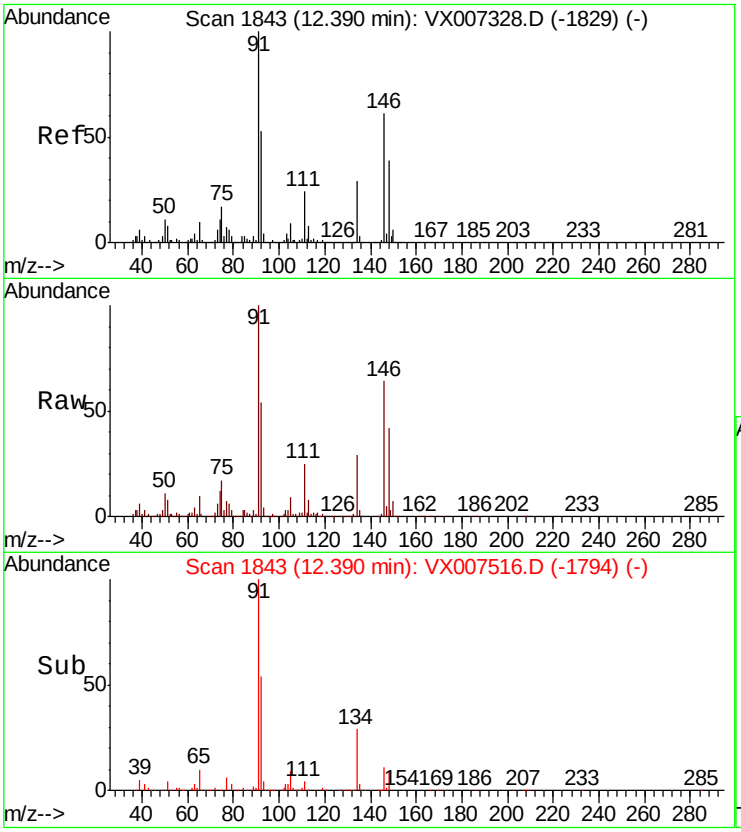




#90
Hexachloroethane
Concen: 19.790 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion:117 Resp: 54508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 85.4 | 44.9 | 134.7 |



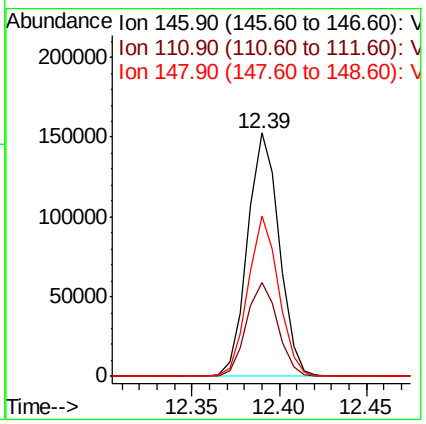


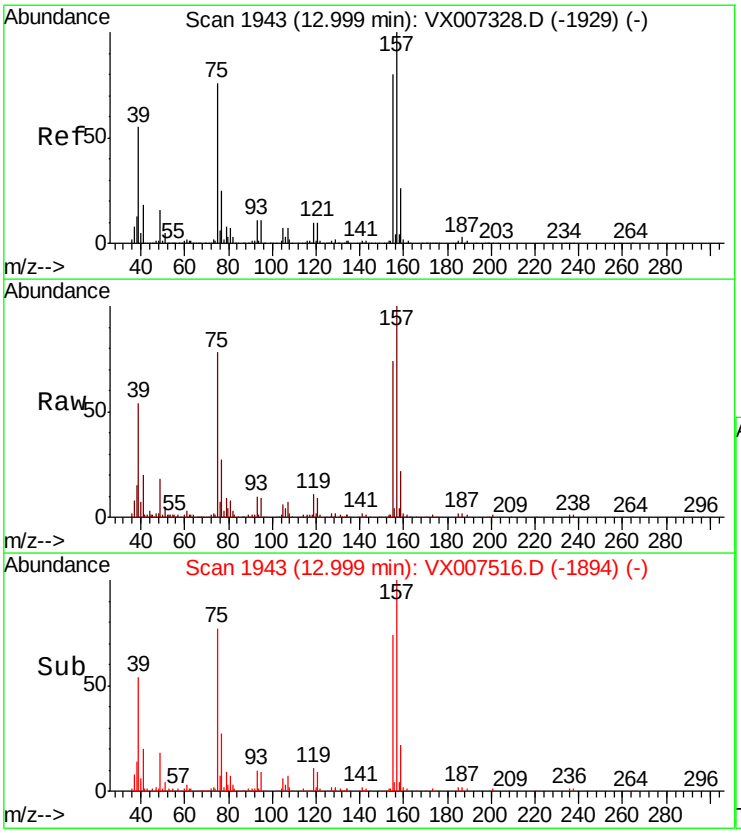

#91
1,2-Dichlorobenzene
Concen: 18.350 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion:146 Resp: 192038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.3 | 19.1 | 57.3 |
| 148 | 64.1 | 32.1 | 96.3 |

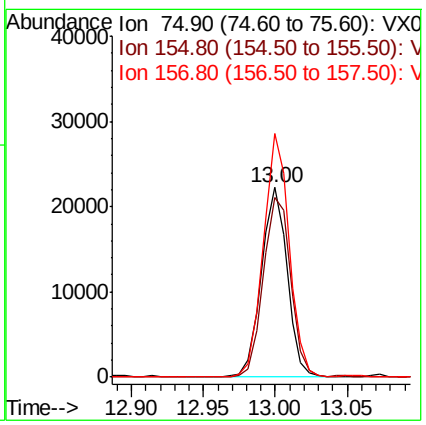


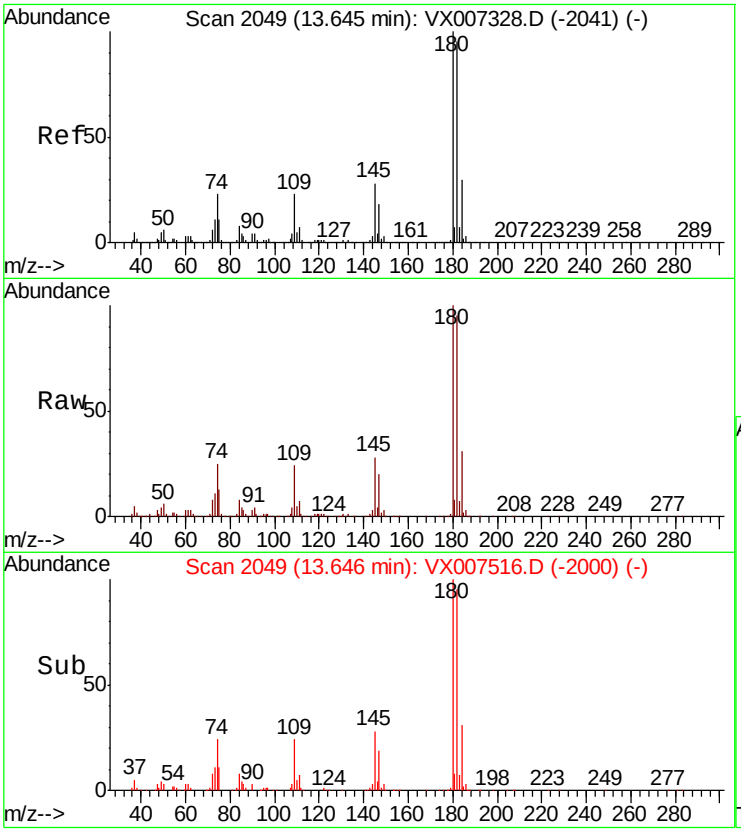




#92
1,2-Dibromo-3-Chloropropane
Concen: 20.888 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion: 75 Resp: 27526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 101.0 | 49.6 | 149.0 |
| 157 | 128.4 | 65.1 | 195.3 |



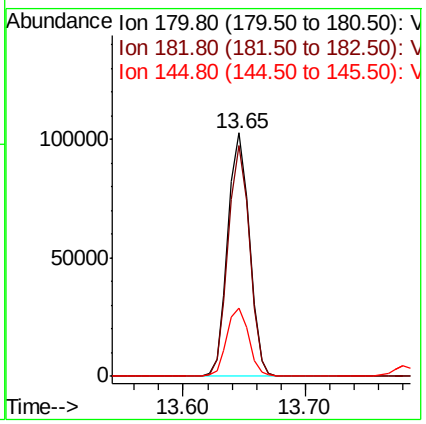


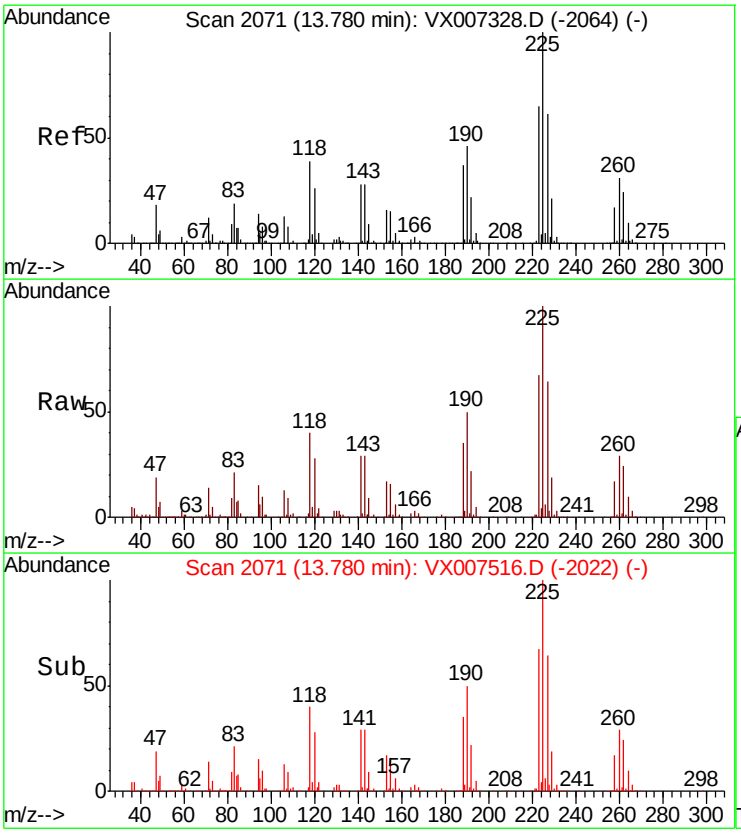

#93
1,2,4-Trichlorobenzene
Concen: 17.812 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion:180 Resp: 125709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.4 | 47.8 | 143.3 |
| 145 | 28.7 | 14.1 | 42.2 |

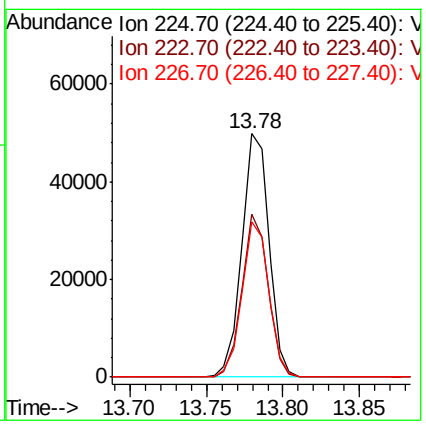


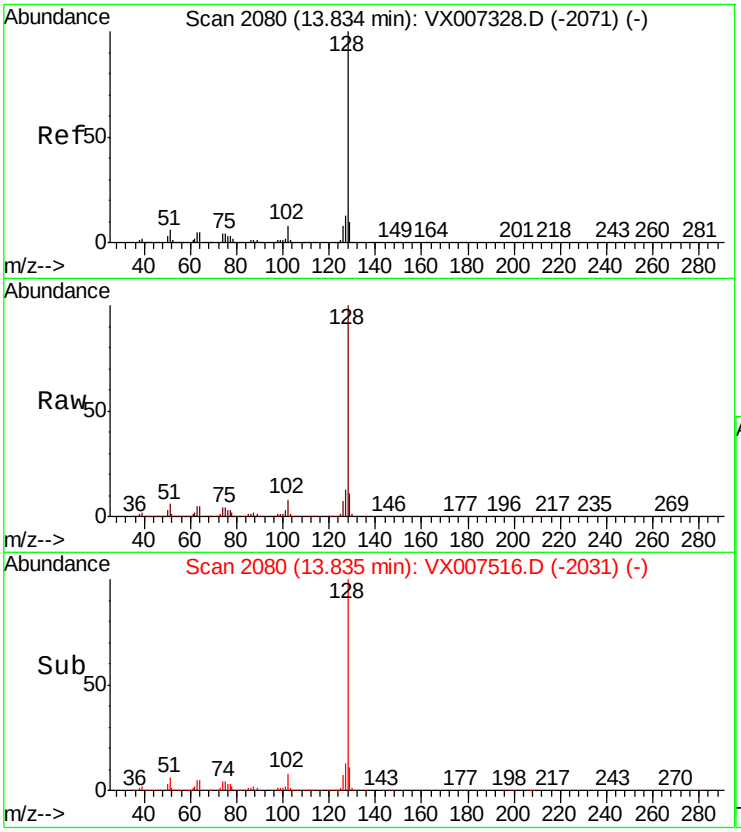




#94
Hexachlorobutadiene
Concen: 17.875 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion:225 Resp: 61257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.6 | 31.6 | 94.8 |
| 227 | 63.3 | 32.1 | 96.3 |



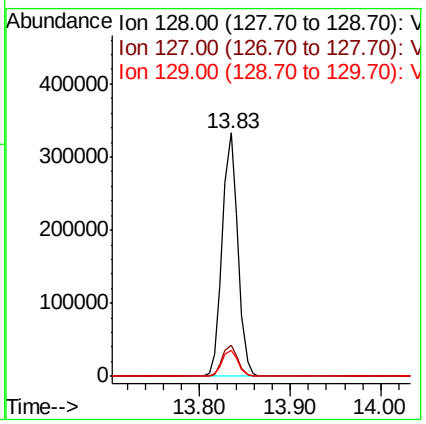


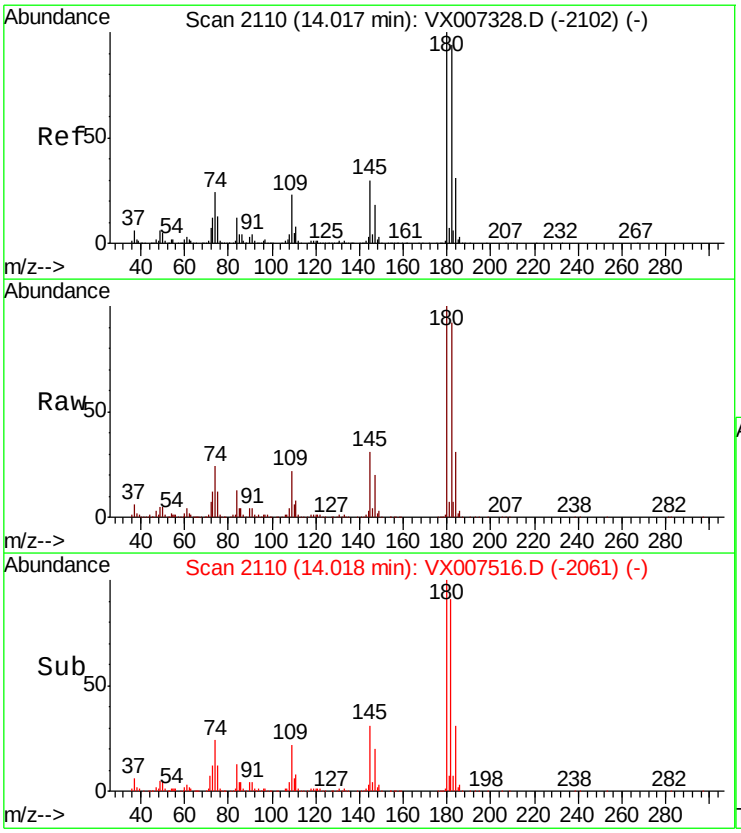

#95
Naphthalene
Concen: 19.351 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0214MBS01

Tgt Ion:128 Resp: 399375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.0 | 10.5 | 15.7 |
| 129 | 11.0 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 18.116 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007516.D
Acq: 13 Feb 2019 12:57

Tgt Ion:180 Resp: 128693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.6 | 47.5 | 142.6 |
| 145 | 30.2 | 14.9 | 44.5 |