Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111218\
Data File : VX005916.D
Acq On : 12 Nov 2018 22:13
Operator : JC/MD
Sample : J5912-04MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SS003MW273-181108MSD

Quant Time: Nov 13 04:45:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 100149 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 144935 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 136079 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 75940 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 61485 | 53.40 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 106.80% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 49991 | 50.71 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.42% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 178736 | 54.54 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 109.08% | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 67073 | 56.92 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 113.84% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 44582 | 49.373 | ug/l | 99 |
| 3) Chloromethane | 1.32 | 50 | 56638 | 47.795 | ug/l | 99 |
| 4) Vinyl Chloride | 1.41 | 62 | 58340 | 49.040 | ug/l | 100 |
| 5) Bromomethane | 1.64 | 94 | 37768 | 51.878 | ug/l | 100 |
| 6) Chloroethane | 1.71 | 64 | 37381 | 52.662 | ug/l | 95 |
| 7) Trichlorofluoromethane | 1.93 | 101 | 82961 | 52.537 | ug/l | 98 |
| 8) Diethyl Ether | 2.19 | 74 | 32999 | 53.331 | ug/l | 98 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 47555 | 52.362 | ug/l | 100 |
| 10) Methyl Iodide | 2.51 | 142 | 67015 | 60.883 | ug/l | 95 |
| 11) Tert butyl alcohol | 3.07 | 59 | 81627 | 247.490 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 44778 | 50.585 | ug/l | 87 |
| 13) Acrolein | 2.29 | 56 | 62130 | 383.953 | ug/l | 97 |
| 14) Allyl chloride | 2.73 | 41 | 104379 | 52.796 | ug/l | 97 |
| 15) Acrylonitrile | 3.15 | 53 | 175812 | 257.218 | ug/l | 99 |
| 16) Acetone | 2.45 | 43 | 158663 | 255.945 | ug/l | 97 |
| 17) Carbon Disulfide | 2.57 | 76 | 131055 | 49.635 | ug/l | 99 |
| 18) Methyl Acetate | 2.78 | 43 | 92557 | 55.889 | ug/l | 97 |
| 19) Methyl tert-butyl Ether | 3.21 | 73 | 169736 | 56.180 | ug/l | 93 |
| 20) Methylene Chloride | 2.85 | 84 | 52998 | 52.045 | ug/l | 93 |
| 21) trans-1,2-Dichloroethene | 3.16 | 96 | 47730 | 51.121 | ug/l | 93 |
| 22) Diisopropyl ether | 3.87 | 45 | 176981 | 51.101 | ug/l | 94 |
| 23) Vinyl Acetate | 3.82 | 43 | 760757 | 256.191 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 97147 | 52.576 | ug/l | 98 |
| 25) 2-Butanone | 4.70 | 43 | 240094 | 246.351 | ug/l | 95 |
| 26) 2,2-Dichloropropane | 4.58 | 77 | 61279 | 45.211 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 53657 | 52.046 | ug/l | 98 |
| 28) Bromochloromethane | 5.03 | 49 | 46521 | 56.335 | ug/l | 97 |
| 29) Tetrahydrofuran | 5.16 | 42 | 159933 | 255.579 | ug/l | 99 |
| 30) Chloroform | 5.22 | 83 | 91312 | 51.222 | ug/l | 86 |
| 31) Cyclohexane | 5.58 | 56 | 83295 | 51.932 | ug/l | 95 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 79354 | 53.368 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.80 | 75 | 67518 | 48.324 | ug/l | 100 |
| 37) Ethyl Acetate | 4.85 | 43 | 83861 | 45.642 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.78 | 117 | 70648 | 50.507 | ug/l | 93 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111218\
Data File : VX005916.D
Acq On : 12 Nov 2018 22:13
Operator : JC/MD
Sample : J5912-04MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SS003MW273-181108MSD

Quant Time: Nov 13 04:45:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 74955 | 52.930 | ug/l | | 96 |
| 40) Benzene | 6.15 | 78 | 198741 | 48.793 | ug/l | | 100 |
| 41) Methacrylonitrile | 5.06 | 41 | 49434 | 49.792 | ug/l | | 99 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 73301 | 50.244 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.46 | 43 | 127468 | 47.878 | ug/l | | 98 |
| 44) Trichloroethene | 7.21 | 130 | 52482 | 50.737 | ug/l | | 100 |
| 45) 1,2-Dichloropropane | 7.52 | 63 | 53264 | 53.876 | ug/l | | 99 |
| 46) Dibromomethane | 7.66 | 93 | 33729 | 54.369 | ug/l | | 99 |
| 47) Bromodichloromethane | 7.90 | 83 | 66404 | 56.638 | ug/l | | 99 |
| 48) Methyl methacrylate | 7.77 | 41 | 68438 | 57.249 | ug/l | | 99 |
| 49) 1,4-Dioxane | 7.75 | 88 | 27591 | 1071.072 | ug/l | | 99 |
| 51) 4-Methyl-2-Pentanone | 8.65 | 43 | 456251 | 271.915 | ug/l | | 100 |
| 52) Toluene | 8.79 | 92 | 120697 | 53.020 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 73829 | 53.361 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.44 | 75 | 77114 | 54.683 | ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 50364 | 49.641 | ug/l | | 99 |
| 56) Ethyl methacrylate | 9.18 | 69 | 80336 | 52.921 | ug/l | | 99 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 86040 | 50.465 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.29 | 63 | 273 | 8.597 | ug/l | # | 48 |
| 59) 2-Hexanone | 9.49 | 43 | 357678 | 241.836 | ug/l | | 99 |
| 60) Dibromochloromethane | 9.59 | 129 | 54667 | 49.857 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 52967 | 47.213 | ug/l | | 99 |
| 64) Tetrachloroethene | 9.34 | 164 | 53160 | 45.884 | ug/l | | 99 |
| 65) Chlorobenzene | 10.14 | 112 | 139315 | 51.104 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.23 | 131 | 50951 | 53.760 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.25 | 91 | 236689 | 54.145 | ug/l | | 100 |
| 68) m/p-Xylenes | 10.36 | 106 | 181251 | 108.702 | ug/l | | 99 |
| 69) o-Xylene | 10.70 | 106 | 87627 | 58.607 | ug/l | | 99 |
| 70) Styrene | 10.71 | 104 | 146146 | 59.253 | ug/l | | 99 |
| 71) Bromoform | 10.86 | 173 | 45365 | 57.100 | ug/l | # | 99 |
| 73) Isopropylbenzene | 11.02 | 105 | 241576 | 55.010 | ug/l | | 100 |
| 74) N-amyl acetate | 10.90 | 43 | 118544 | 48.157 | ug/l | | 100 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 82819 | 51.380 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 11.30 | 75 | 98039 | 63.402 | ug/l | | 85 |
| 77) Bromobenzene | 11.26 | 156 | 64312 | 51.957 | ug/l | | 99 |
| 78) n-propylbenzene | 11.36 | 91 | 276337 | 53.393 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 166217 | 53.134 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 204864 | 54.896 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 24687 | 50.884 | ug/l | | 95 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 196069 | 53.181 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.77 | 119 | 202692 | 53.687 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 211703 | 51.407 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.94 | 105 | 242731 | 52.575 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 12.07 | 119 | 218185 | 53.353 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 118255 | 49.781 | ug/l | | 100 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 124146 | 51.051 | ug/l | | 100 |
| 89) n-Butylbenzene | 12.39 | 91 | 191531 | 50.534 | ug/l | | 100 |
| 90) Hexachloroethane | 12.60 | 117 | 36203 | 53.024 | ug/l | | 100 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 133491 | 56.095 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 20500 | 52.118 | ug/l | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111218\
Data File : VX005916.D
Acq On : 12 Nov 2018 22:13
Operator : JC/MD
Sample : J5912-04MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SS003MW273-181108MSD

Quant Time: Nov 13 04:45:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 89184 | 53.236 | ug/l | 100 |
| 94) Hexachlorobutadiene | 13.79 | 225 | 41731 | 47.421 | ug/l | 100 |
| 95) Naphthalene | 13.83 | 128 | 278742 | 50.996 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 91233 | 53.455 | ug/l | 99 |

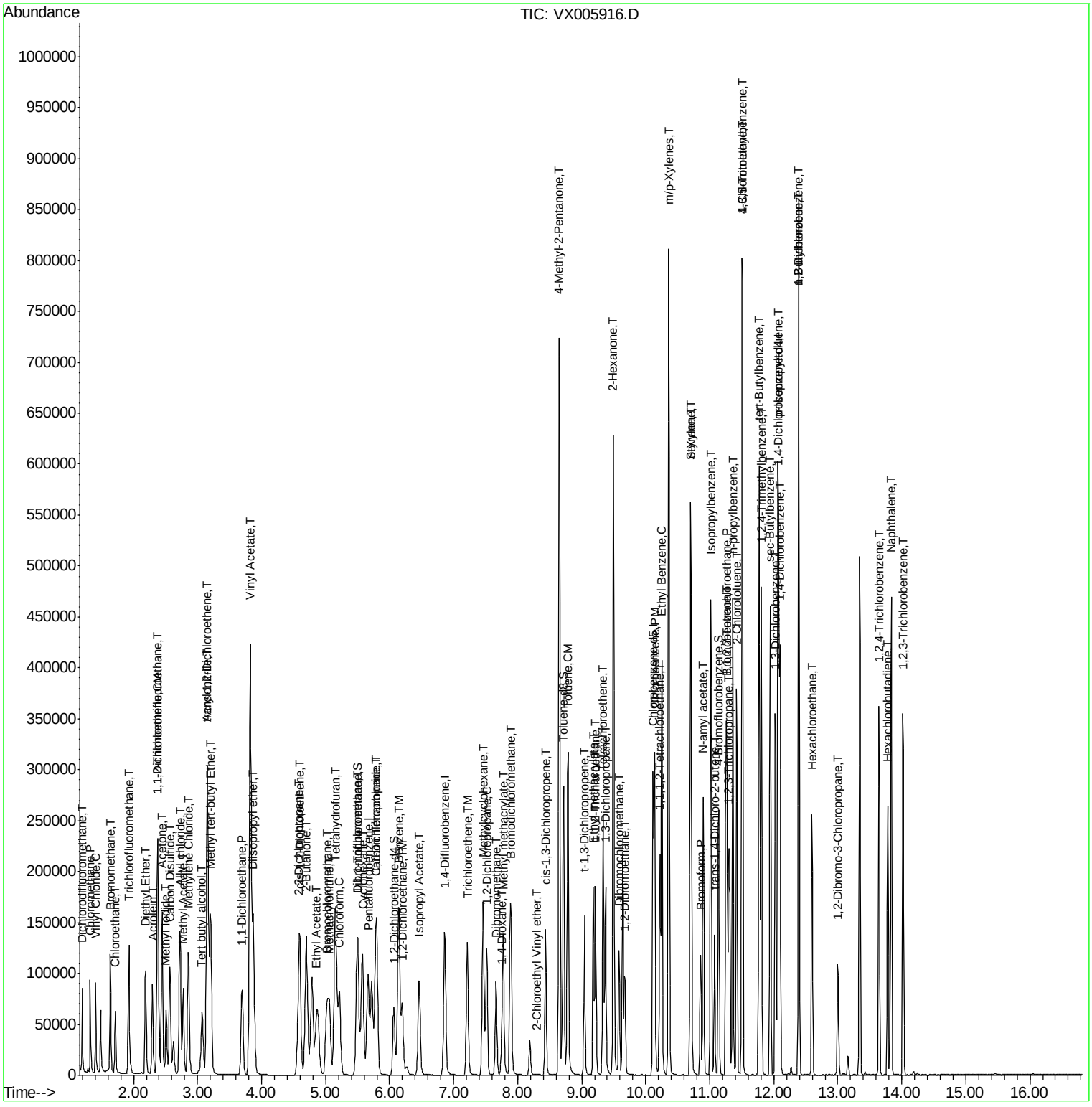
(#) = qualifier out of range (m) = manual integration (+) = signals summed

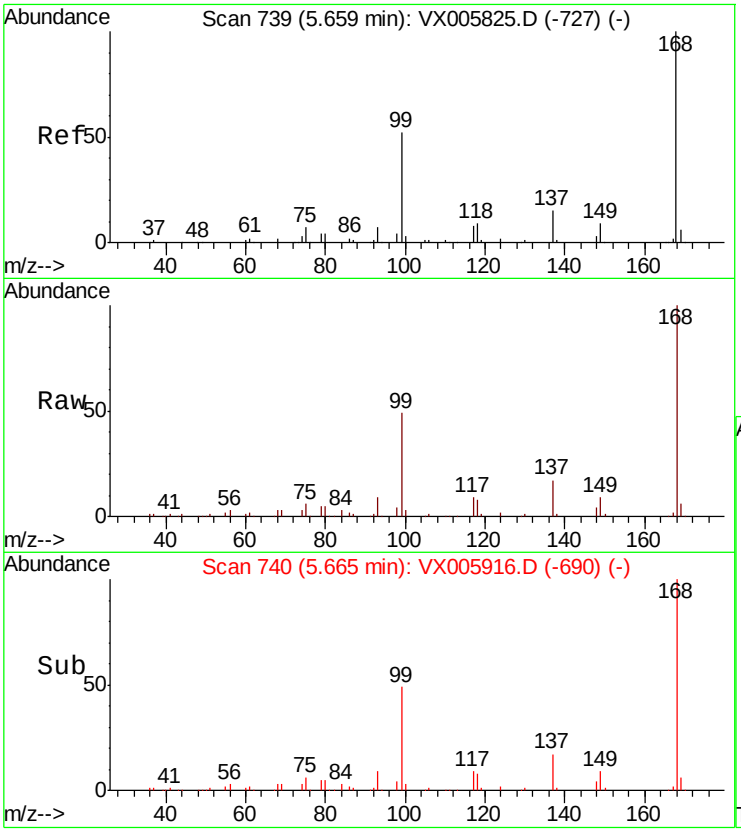
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111218\
Data File : VX005916.D
Acq On : 12 Nov 2018 22:13
Operator : JC/MD
Sample : J5912-04MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Quant Time: Nov 13 04:45:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration



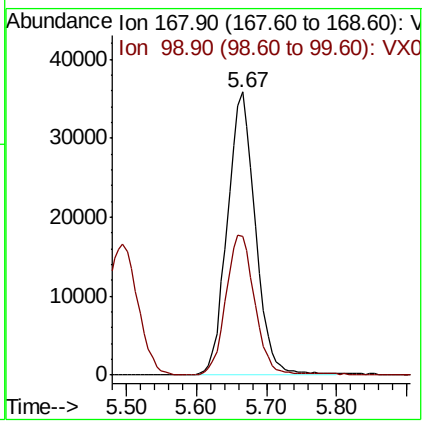


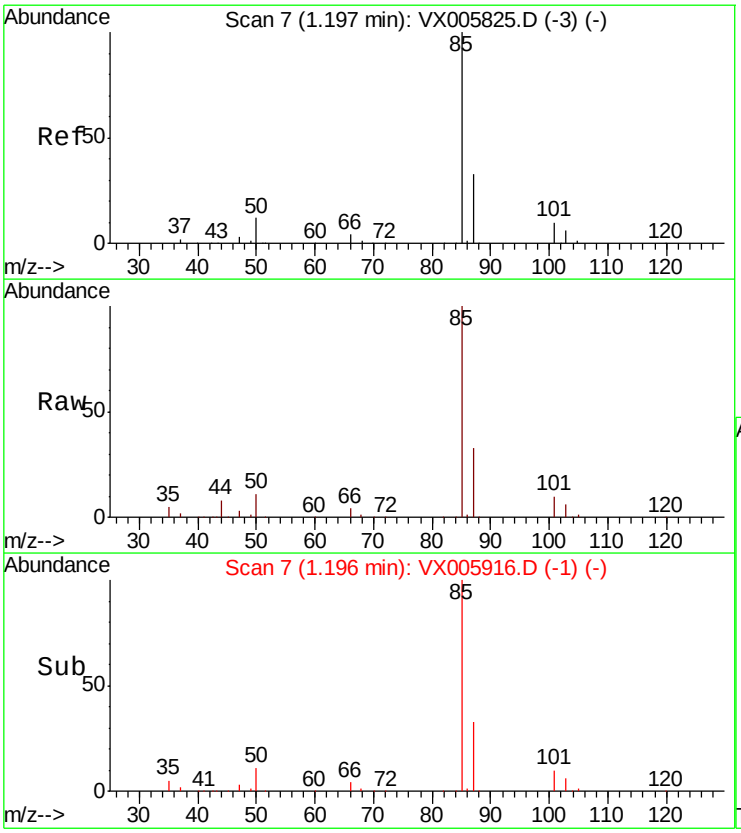

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion:168 Resp: 100149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.9 | 40.7 | 61.1 |

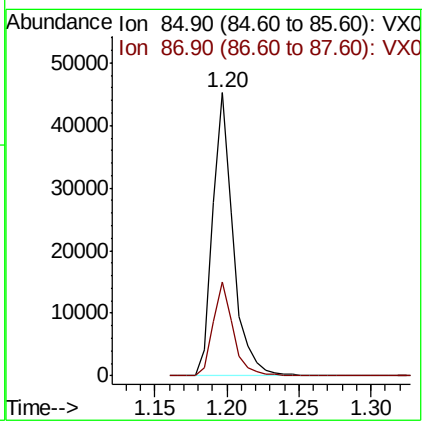


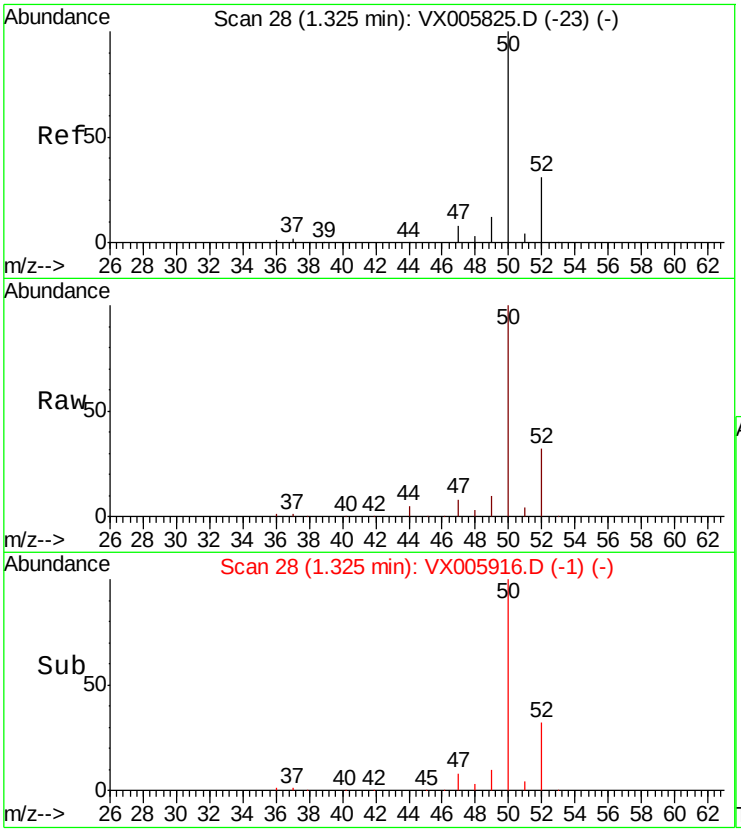




#2
Dichlorodifluoromethane
Concen: 49.373 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 85 Resp: 44582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.4 | 16.3 | 48.9 |



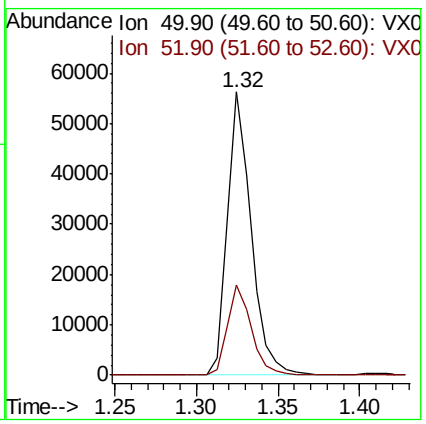


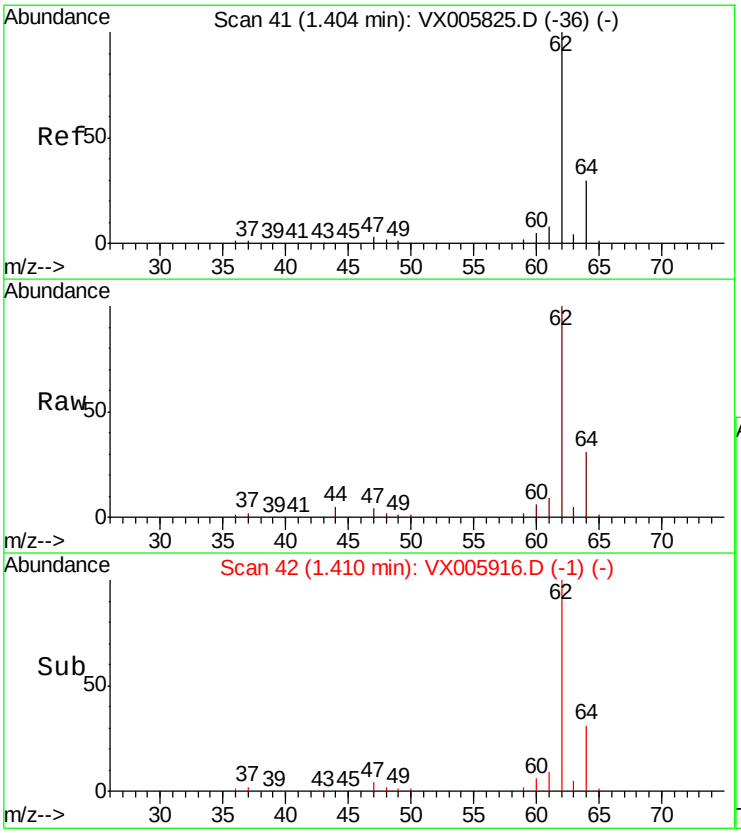

#3
Chloromethane
Concen: 47.795 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 50 Resp: 56638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.9 | 26.2 | 39.2 |

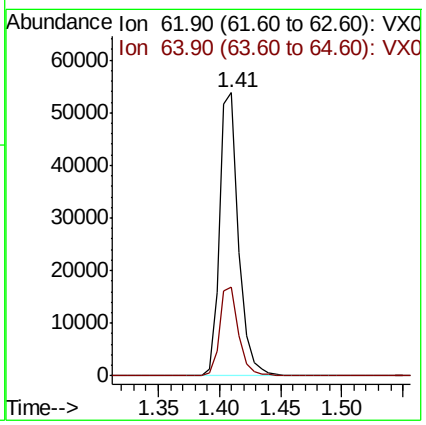


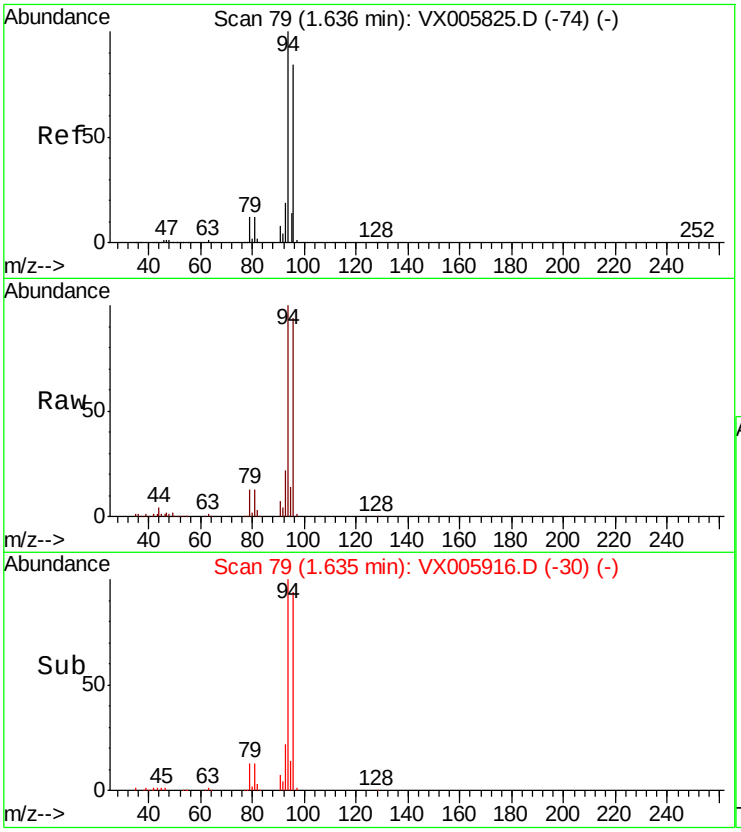




#4
Vinyl Chloride
Concen: 49.040 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 62 Resp: 58340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.4 | 25.3 | 37.9 |



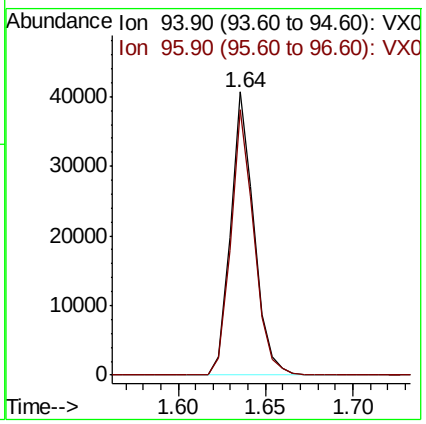


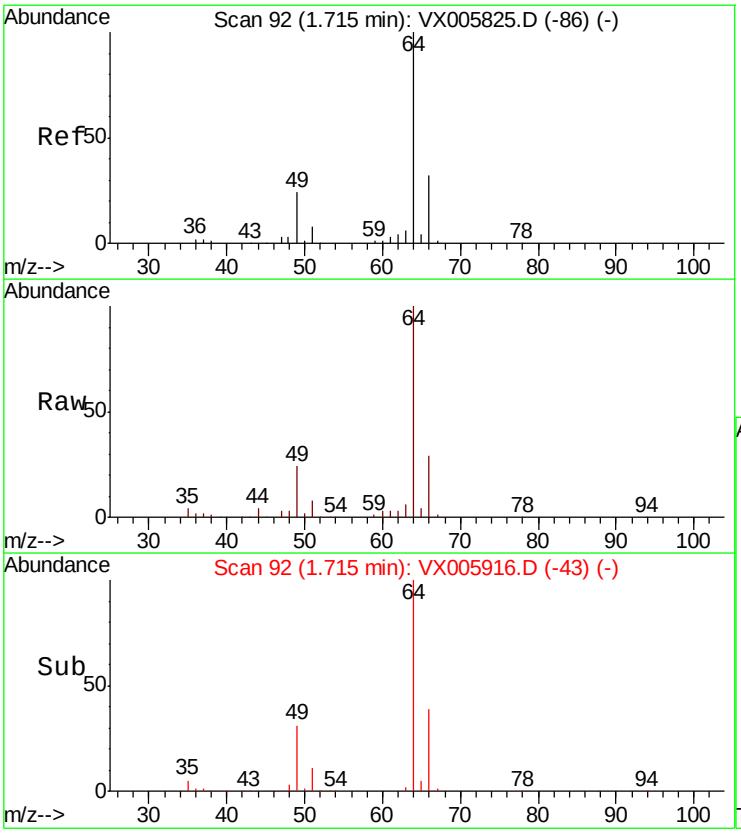

#5
Bromomethane
Concen: 51.878 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 94 Resp: 37768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.8 | 75.2 | 112.8 |

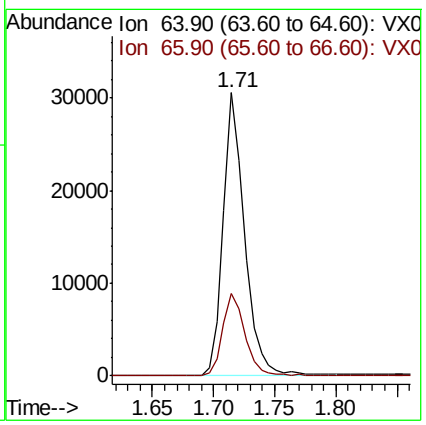


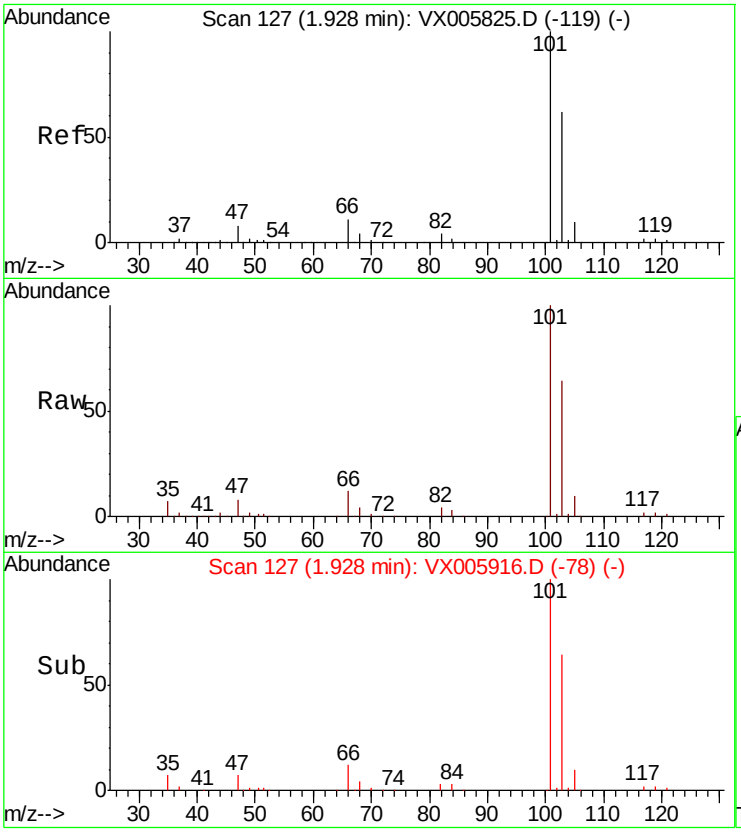




#6
Chloroethane
Concen: 52.662 ug/l
RT: 1.71 min Scan# 92
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 64 Resp: 37381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 29.2 | 25.8 | 38.6 |



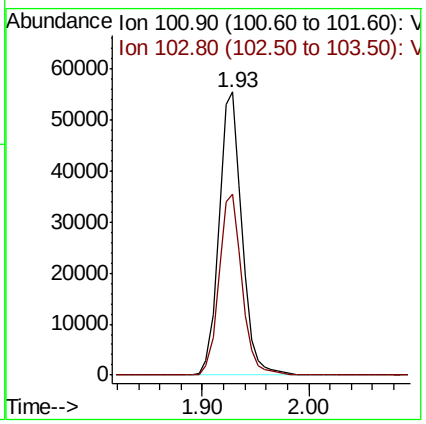


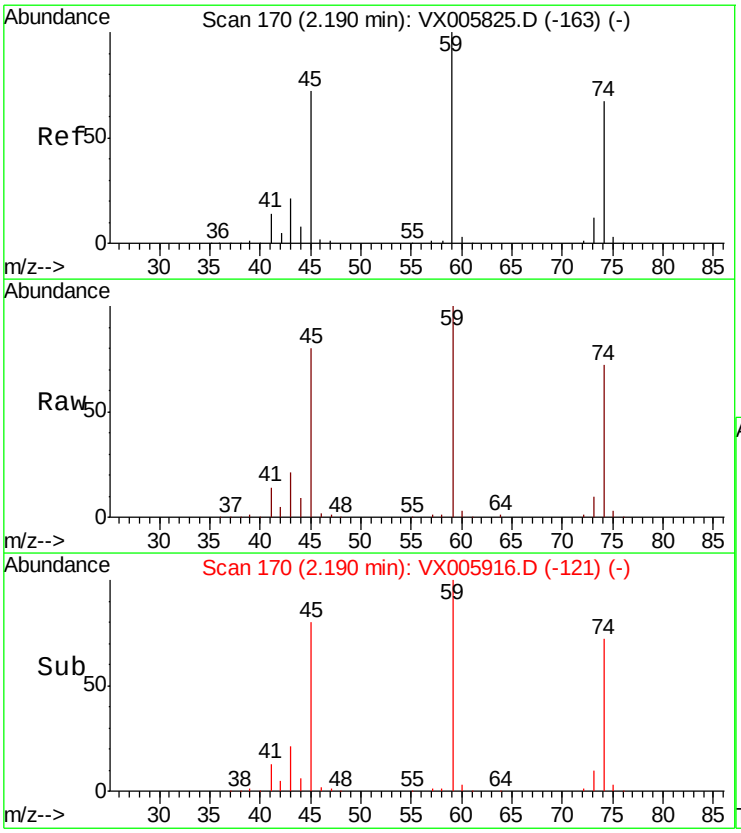

#7
Trichlorofluoromethane
Concen: 52.537 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion:101 Resp: 82961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.7 | 50.0 | 75.0 |

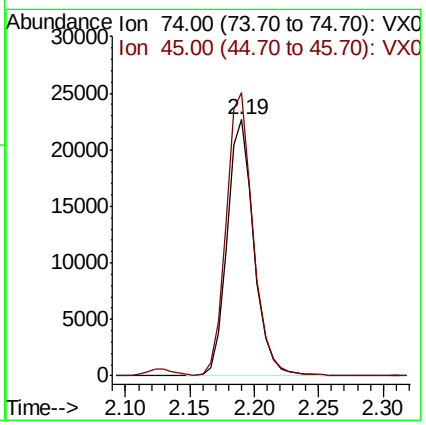


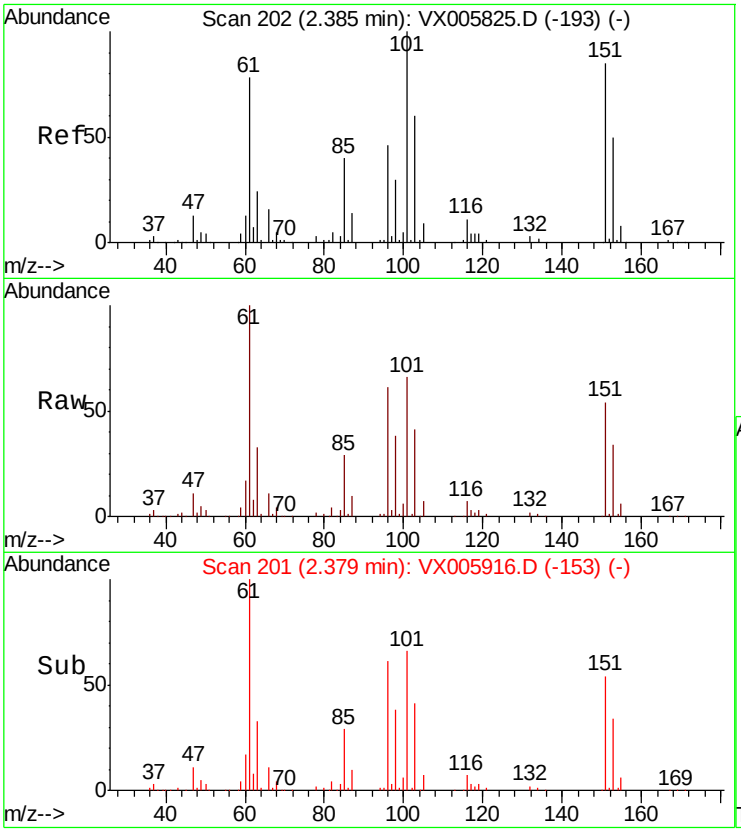




#8
Diethyl Ether
Concen: 53.331 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 74 Resp: 32999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 110.7 | 54.1 | 162.3 |



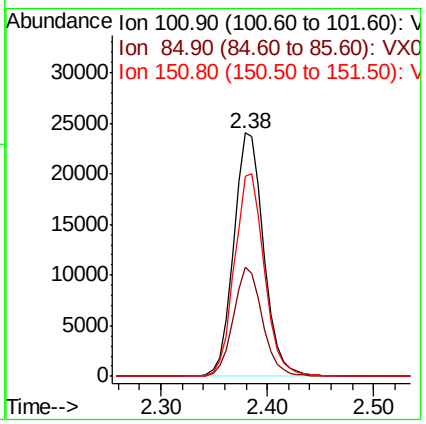


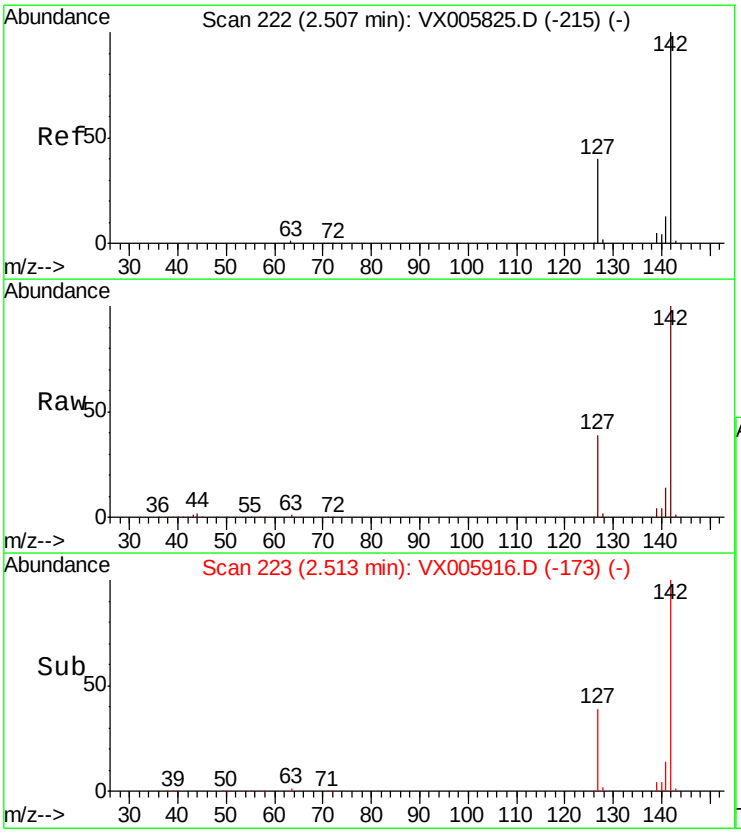

#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.362 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion:101 Resp: 47555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.4 | 35.0 | 52.4 |
| 151 | 83.0 | 66.2 | 99.2 |

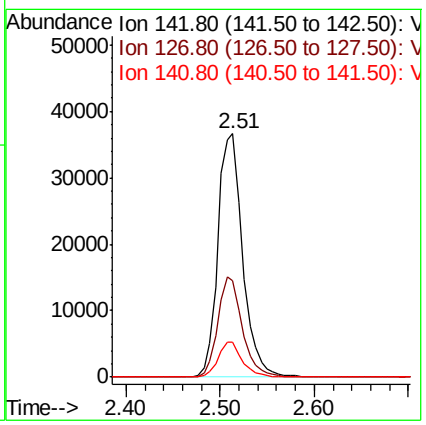


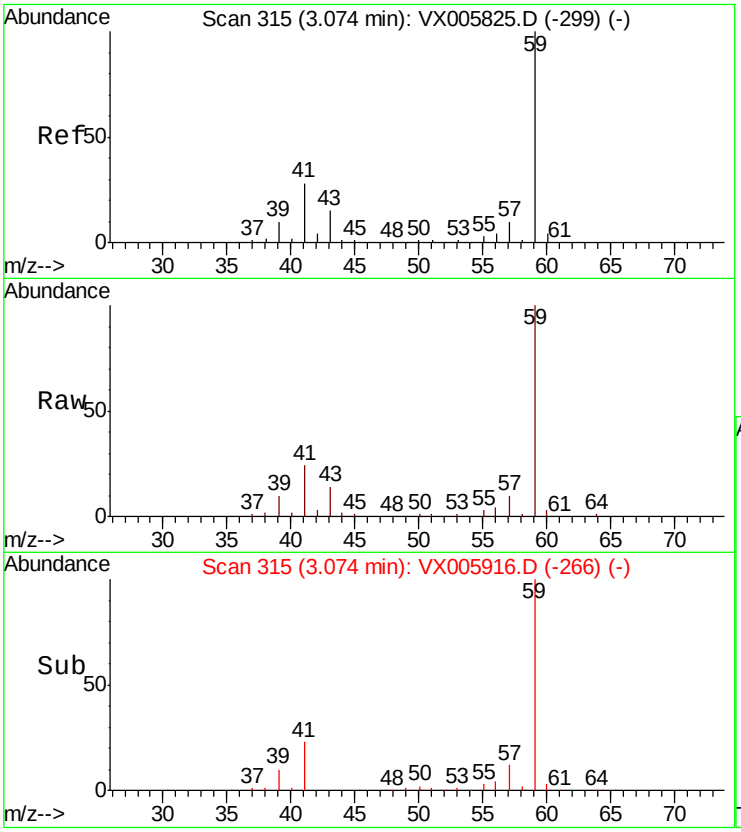




#10
Methyl Iodide
Concen: 60.883 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:142 Resp: 67015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 40.8 | 36.0 | 54.0 |
| 141 | 14.0 | 11.7 | 17.5 |



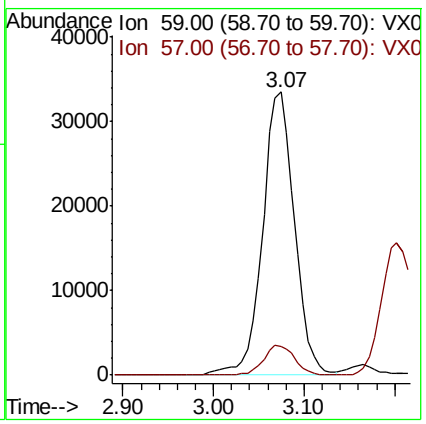


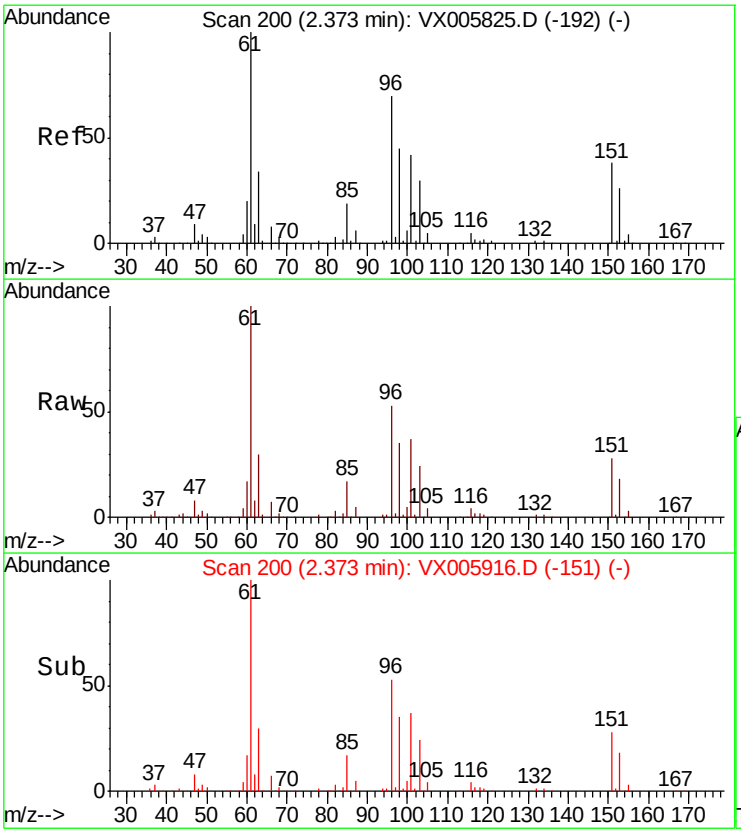

#11
Tert butyl alcohol
Concen: 247.490 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 59 Resp: 81627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.5 | 8.5 | 12.7 |

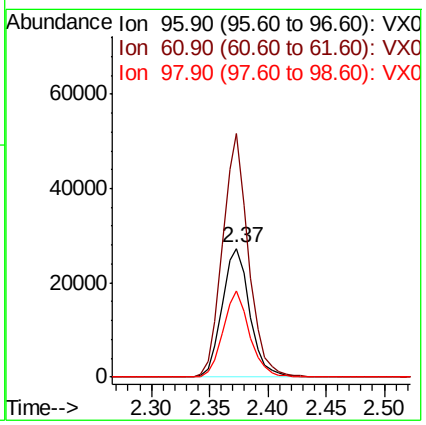


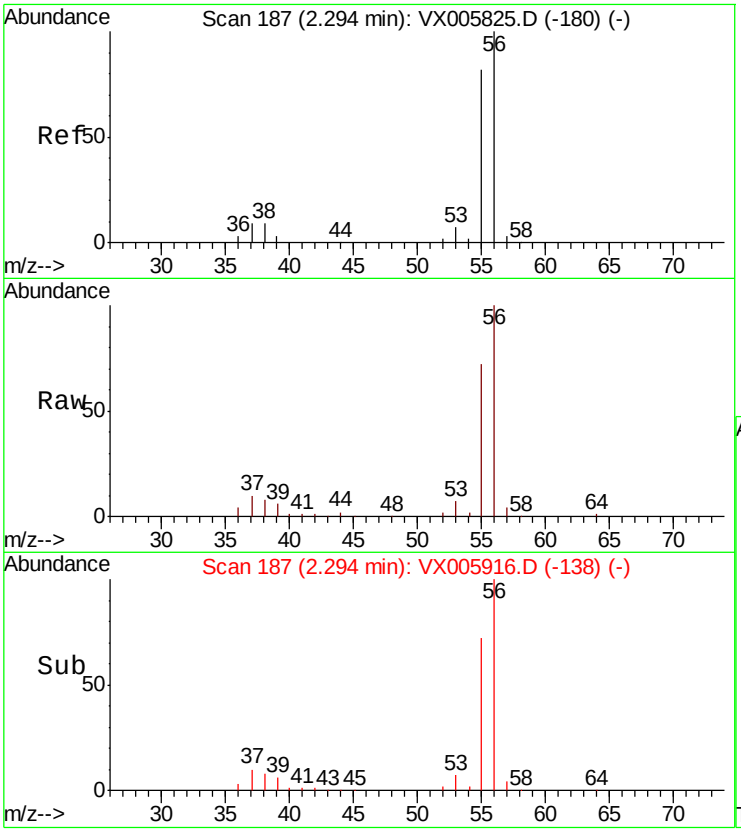




#12
1,1-Dichloroethene
Concen: 50.585 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 96 Resp: 44778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 188.7 | 131.8 | 197.8 |
| 98 | 66.4 | 53.4 | 80.2 |



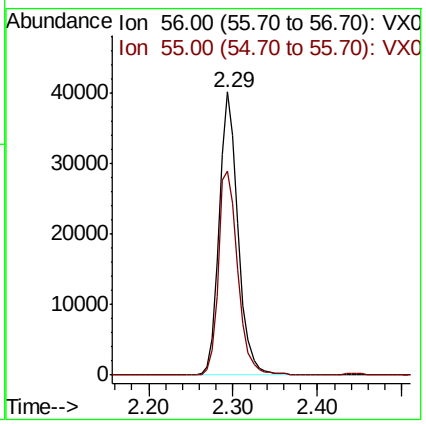


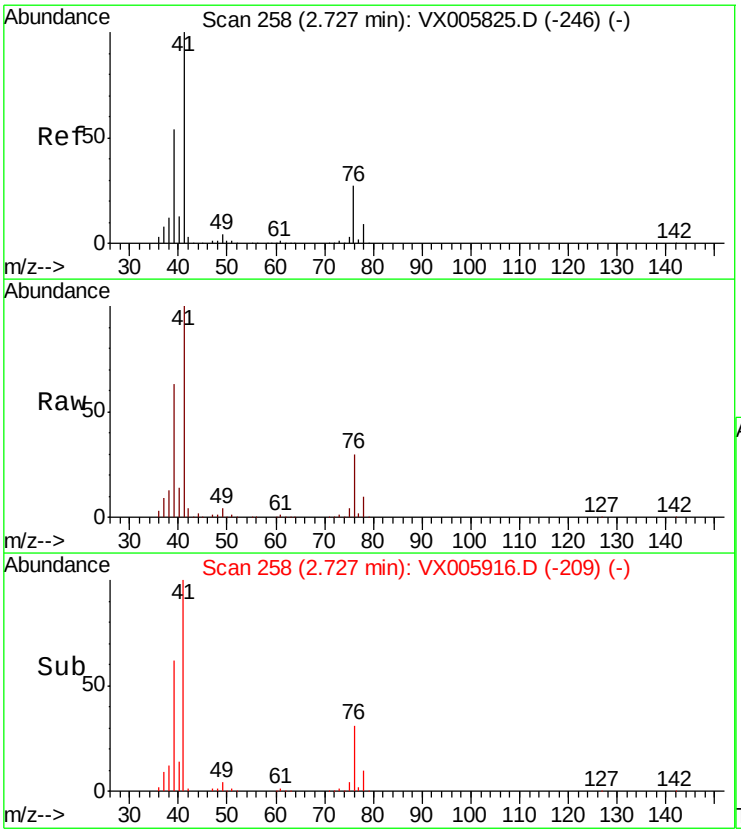

#13
Acrolein
Concen: 383.953 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 56 Resp: 62130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 74.2 | 57.3 | 85.9 |

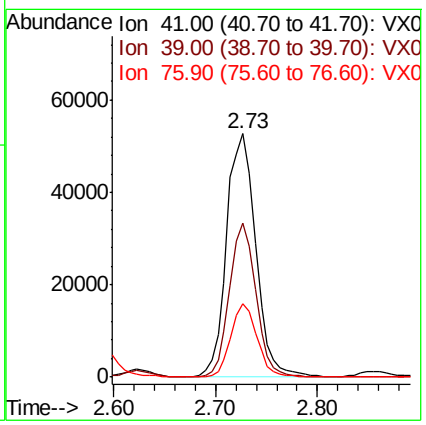


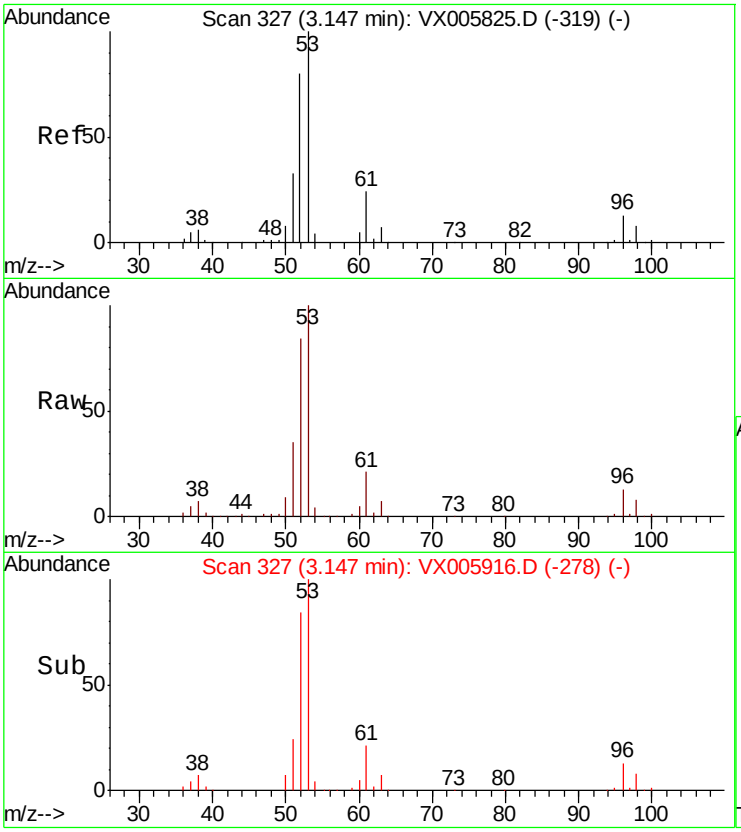




#14
Allyl chloride
Concen: 52.796 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 41 Resp: 104379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 57.1 | 48.2 | 72.4 |
| 76 | 27.3 | 21.9 | 32.9 |



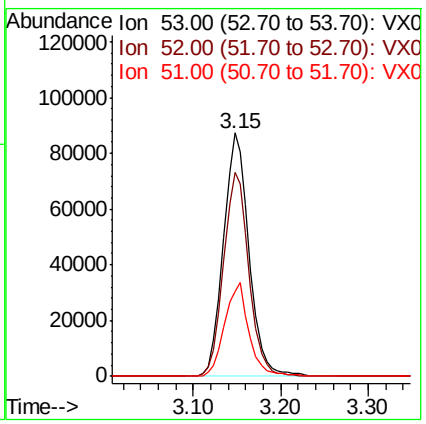


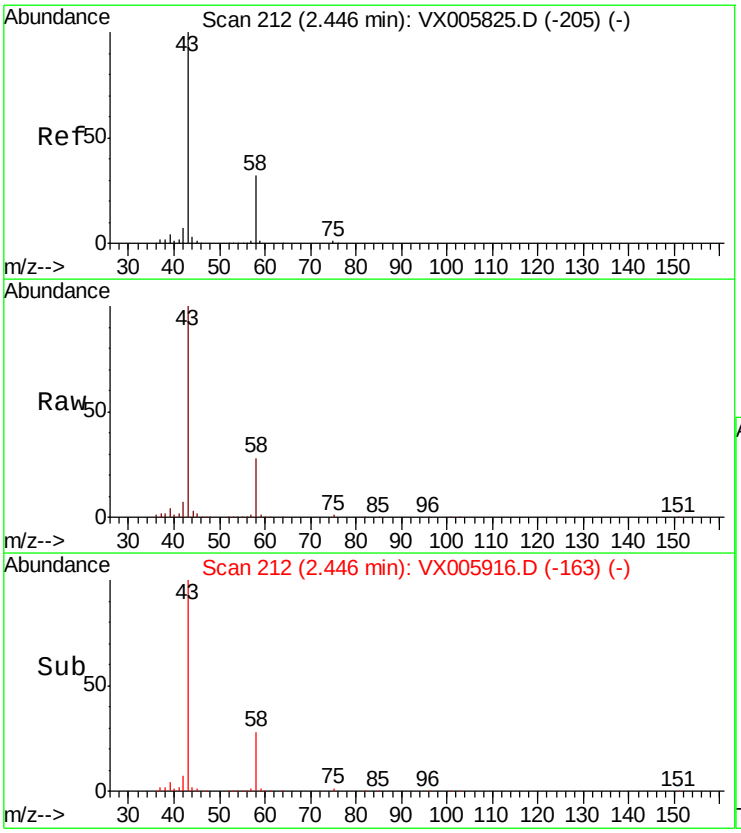

#15
Acrylonitrile
Concen: 257.218 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 53 Resp: 175812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.3 | 66.6 | 99.8 |
| 51 | 36.7 | 28.4 | 42.6 |

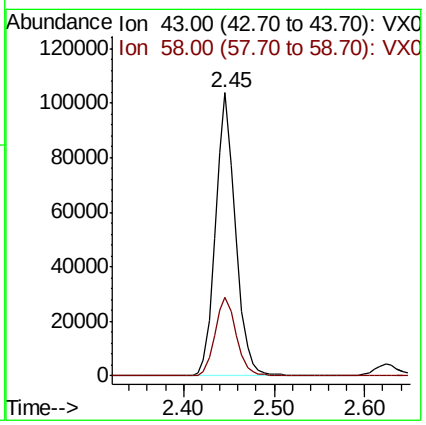


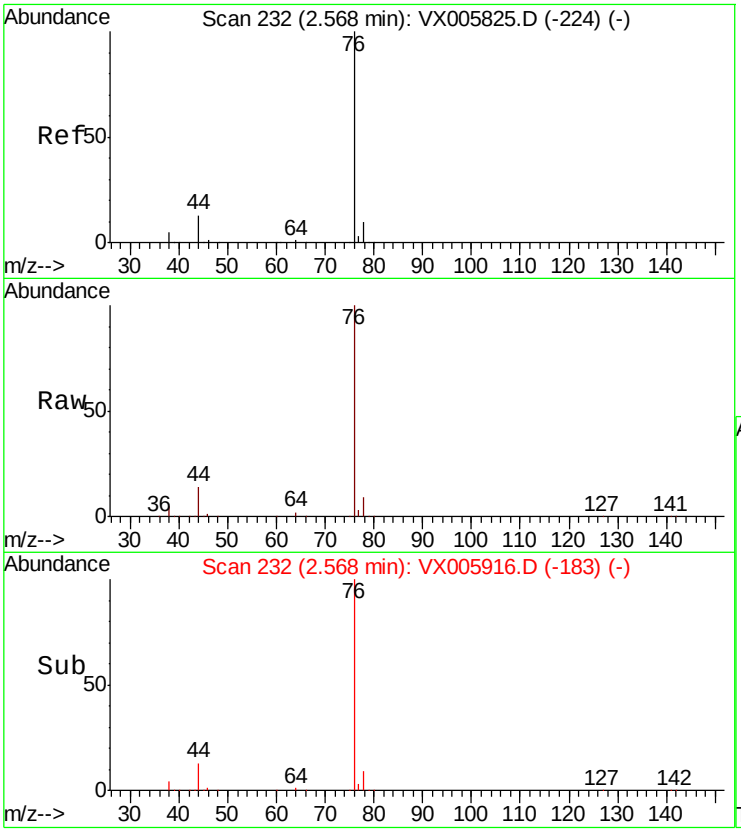




#16
Acetone
Concen: 255.945 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 43 Resp: 158663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.9 | 23.8 | 35.6 |



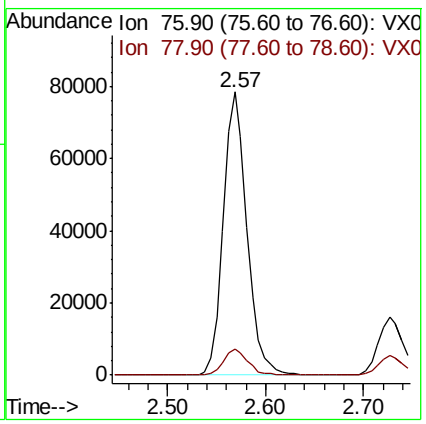


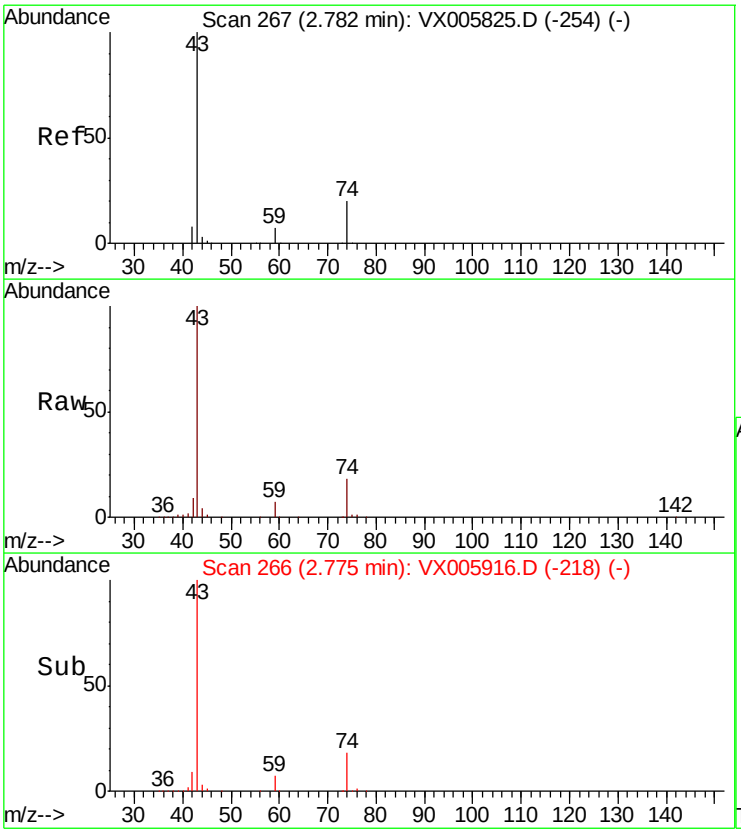

#17
Carbon Disulfide
Concen: 49.635 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 76 Resp: 131055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.4 | 7.3 | 10.9 |

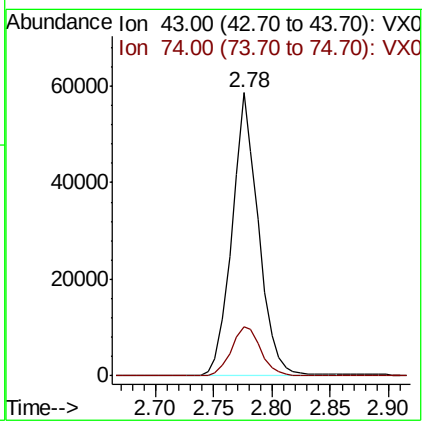


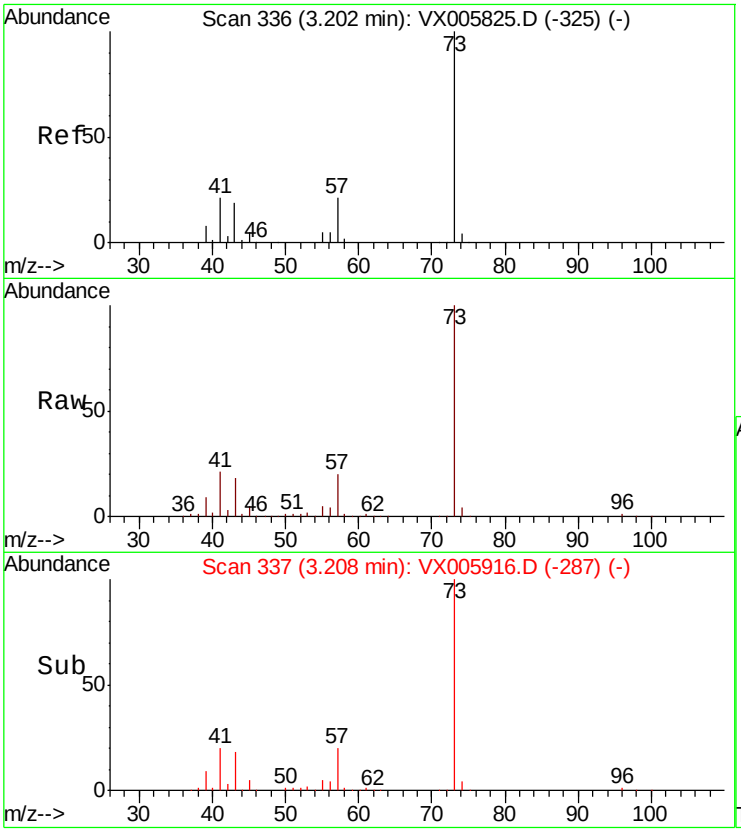




#18
Methyl Acetate
Concen: 55.889 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 43 Resp: 92557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 19.6 | 16.8 | 25.2 |



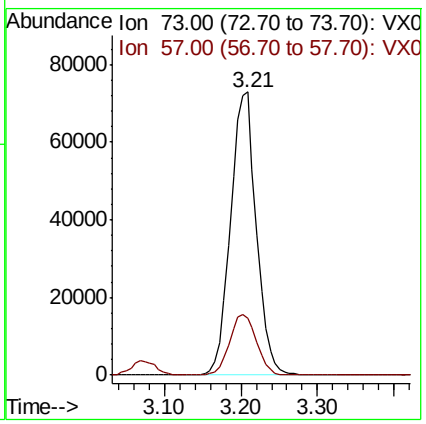


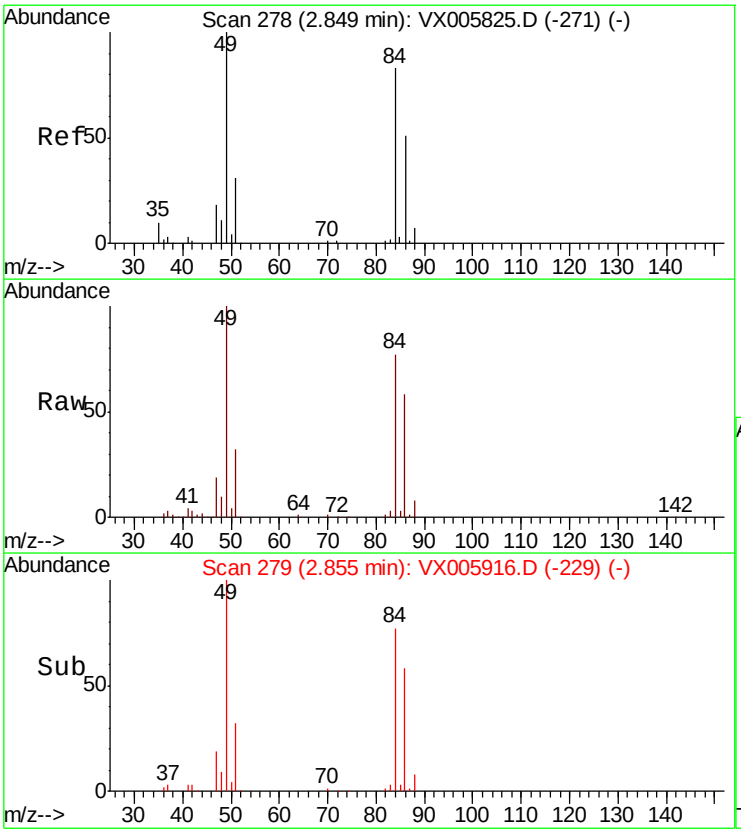

#19
Methyl tert-butyl Ether
Concen: 56.180 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 73 Resp: 169736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.1 | 18.8 | 28.2 |

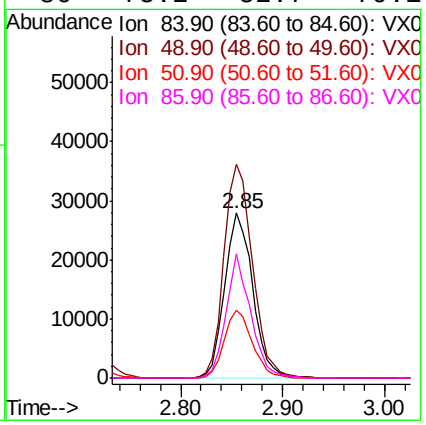


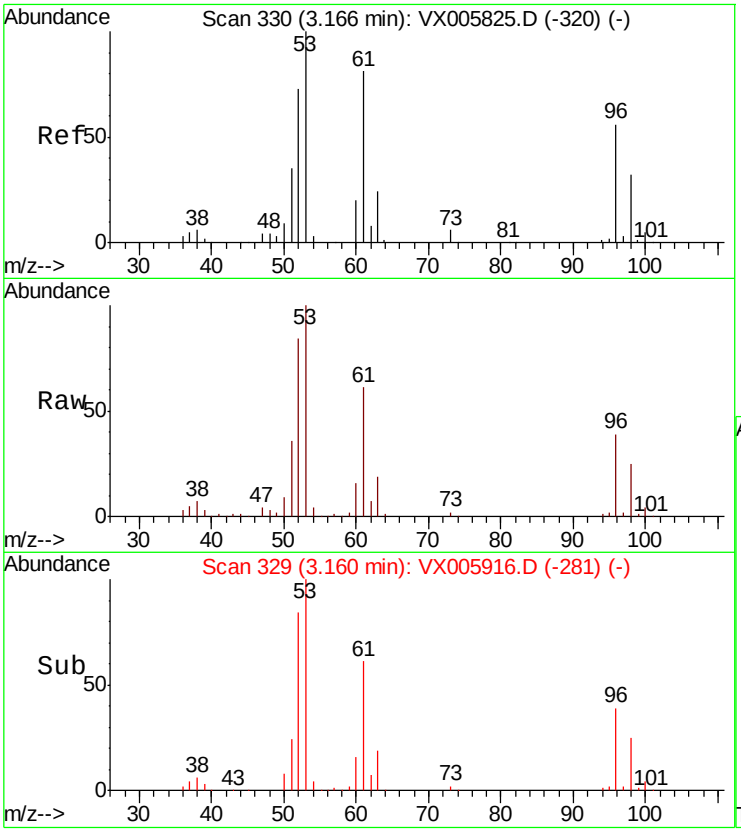




#20
Methylene Chloride
Concen: 52.045 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 84 Resp: 52998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 129.6 | 109.5 | 164.3 |
| 51 | 41.4 | 33.3 | 49.9 |
| 86 | 75.2 | 52.7 | 79.1 |



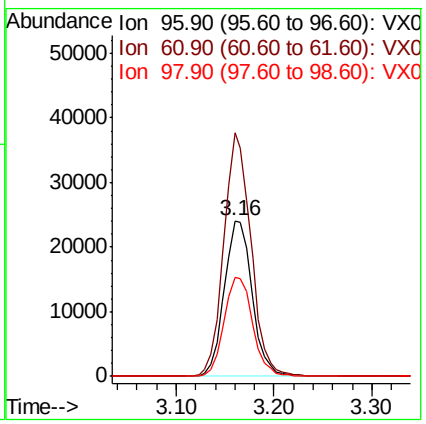


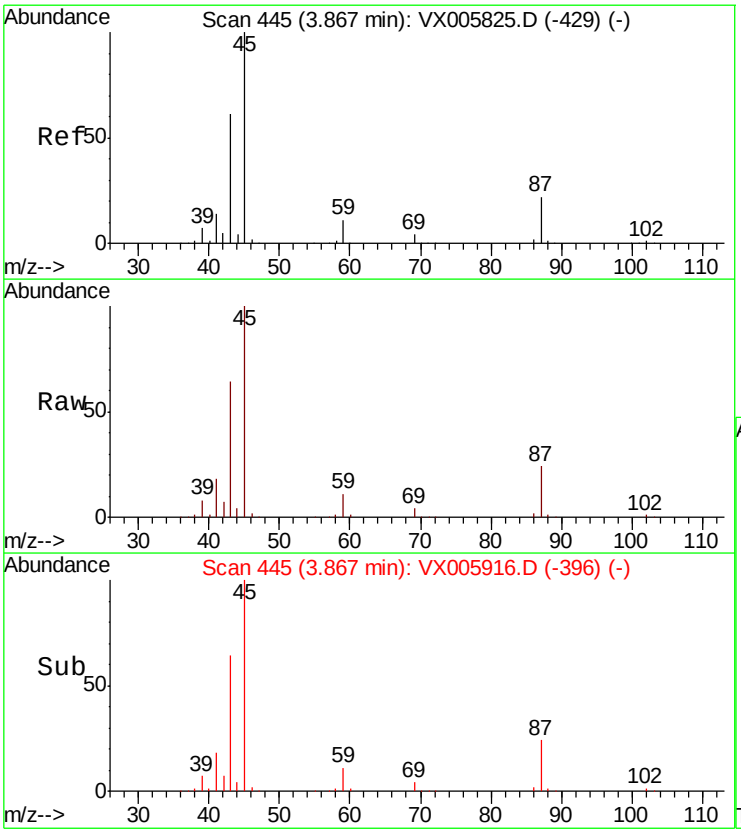

#21
trans-1,2-Dichloroethene
Concen: 51.121 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 96 Resp: 47730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 156.8 | 115.6 | 173.4 |
| 98 | 64.1 | 50.2 | 75.2 |

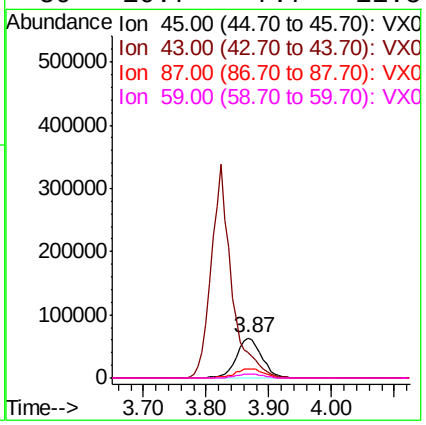


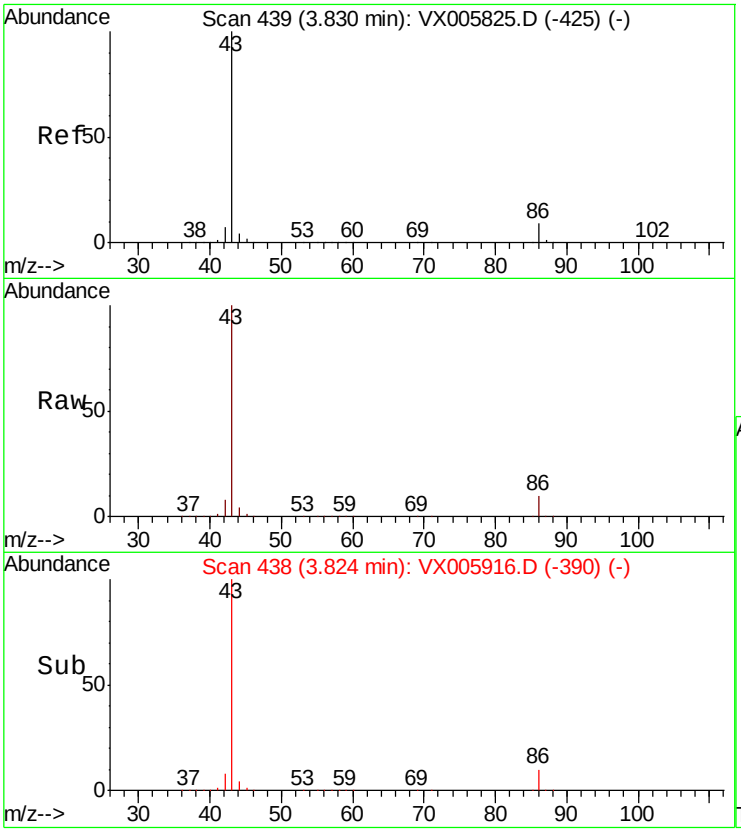




#22
Diisopropyl ether
Concen: 51.101 ug/l
RT: 3.87 min Scan# 445
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 45 Resp: 176981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 63.5 | 47.4 | 71.2 |
| 87 | 23.9 | 15.9 | 23.9 |
| 59 | 10.7 | 7.7 | 11.5 |



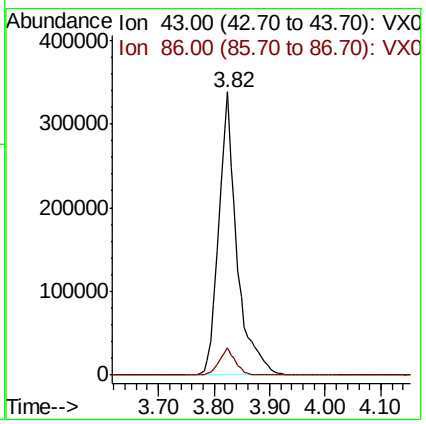


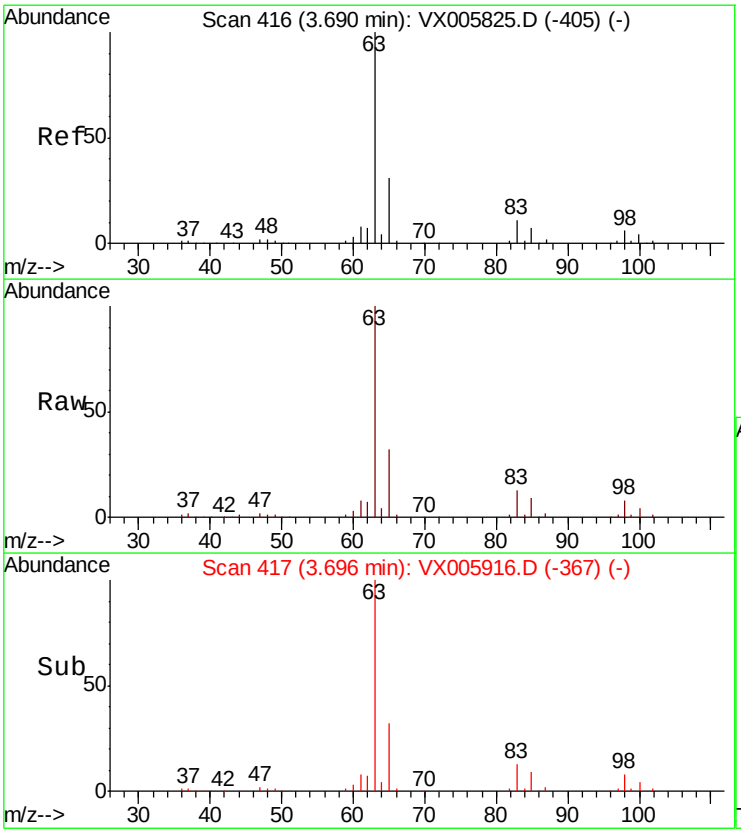

#23
Vinyl Acetate
Concen: 256.191 ug/l
RT: 3.82 min Scan# 438
Delta R.T. -0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 43 Resp: 760757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 9.5 | 7.4 | 11.2 |

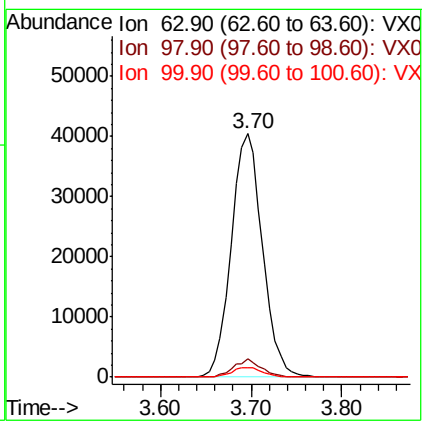


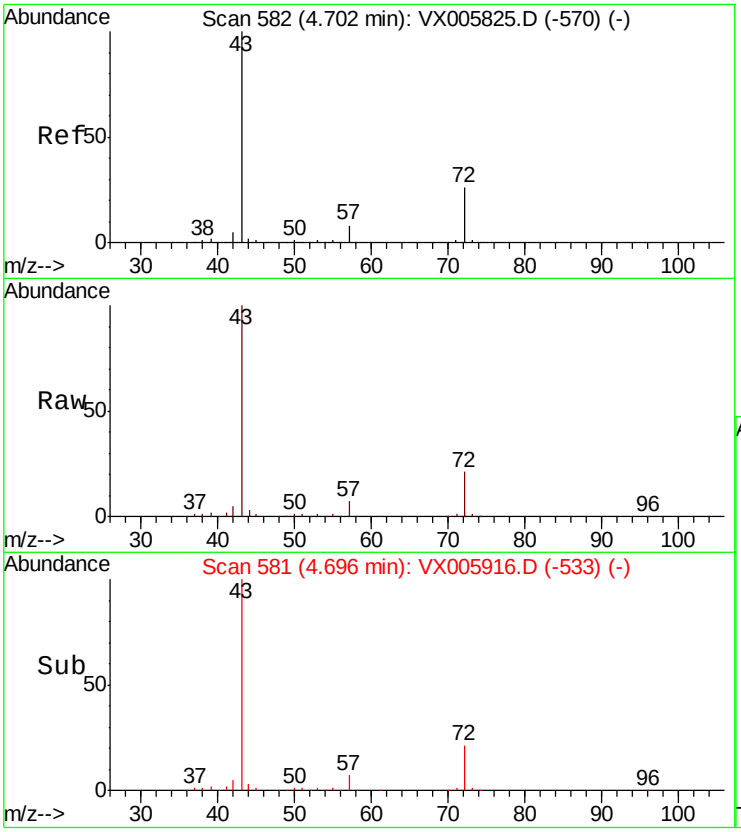




#24
1,1-Dichloroethane
Concen: 52.576 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 63 Resp: 97147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.7 | 3.2 | 9.6 |
| 100 | 4.0 | 2.1 | 6.2 |



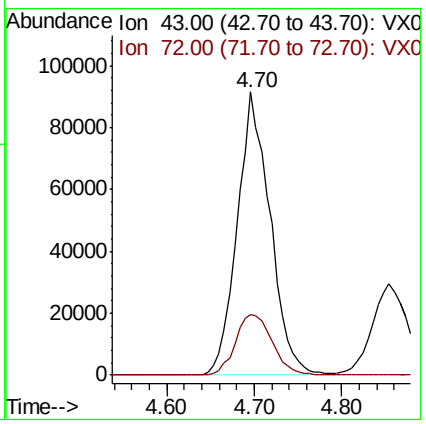


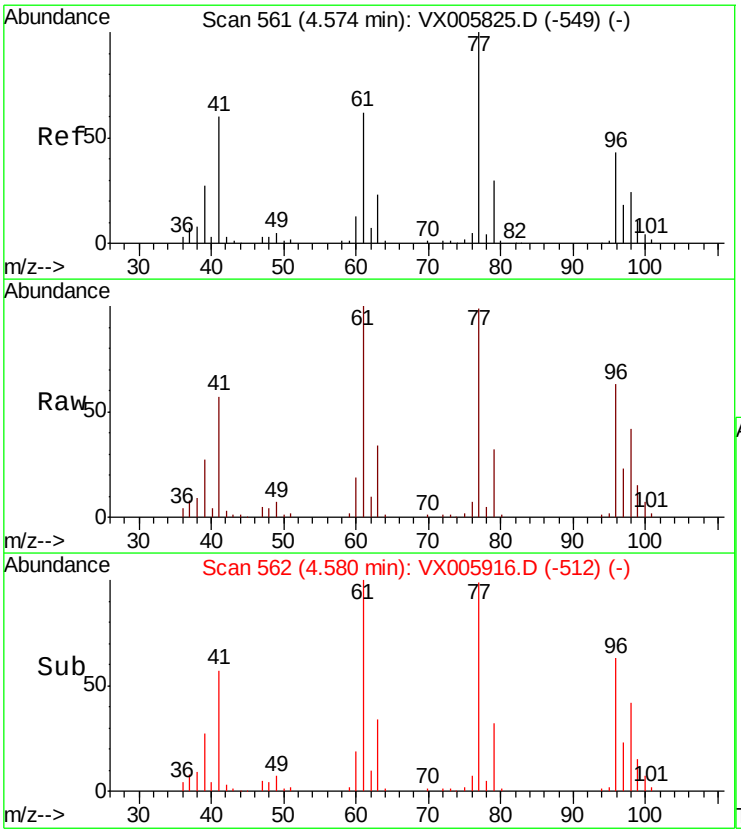

#25
2-Butanone
Concen: 246.351 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 43 Resp: 240094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.3 | 19.2 | 28.8 |

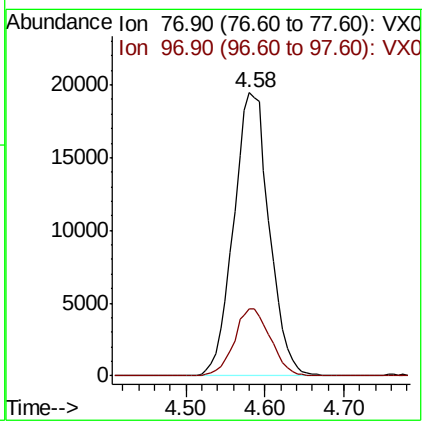


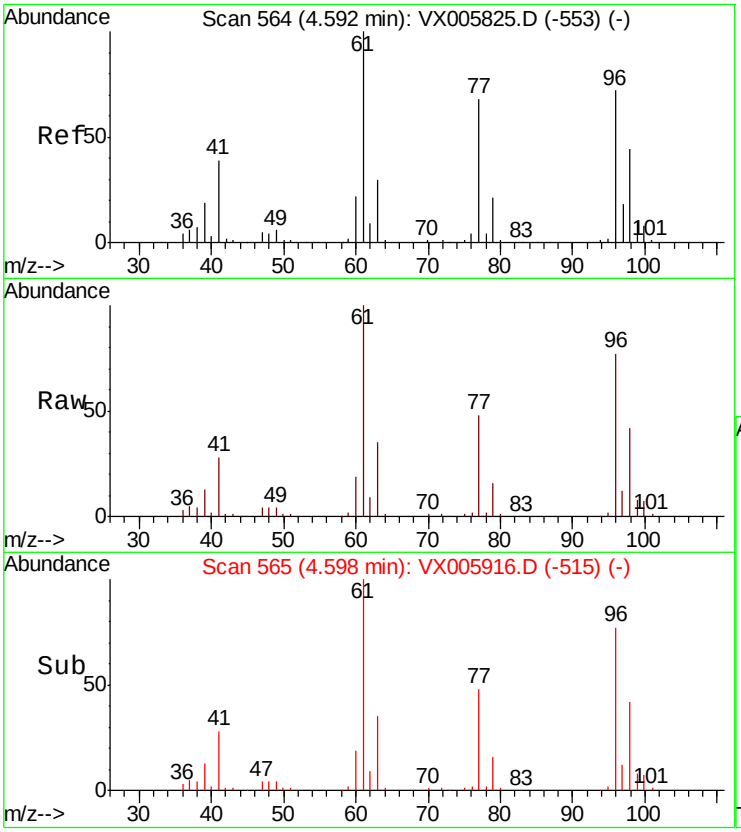




#26
2,2-Dichloropropane
Concen: 45.211 ug/l
RT: 4.58 min Scan# 562
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 77 Resp: 61279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 24.0 | 11.5 | 34.5 |



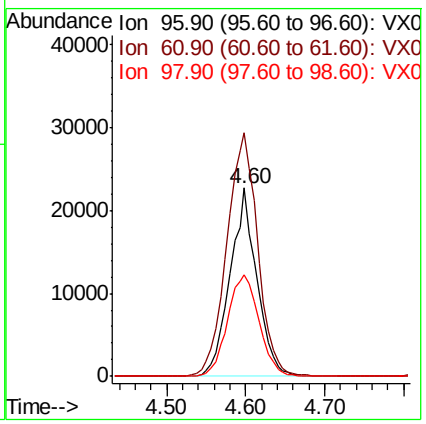


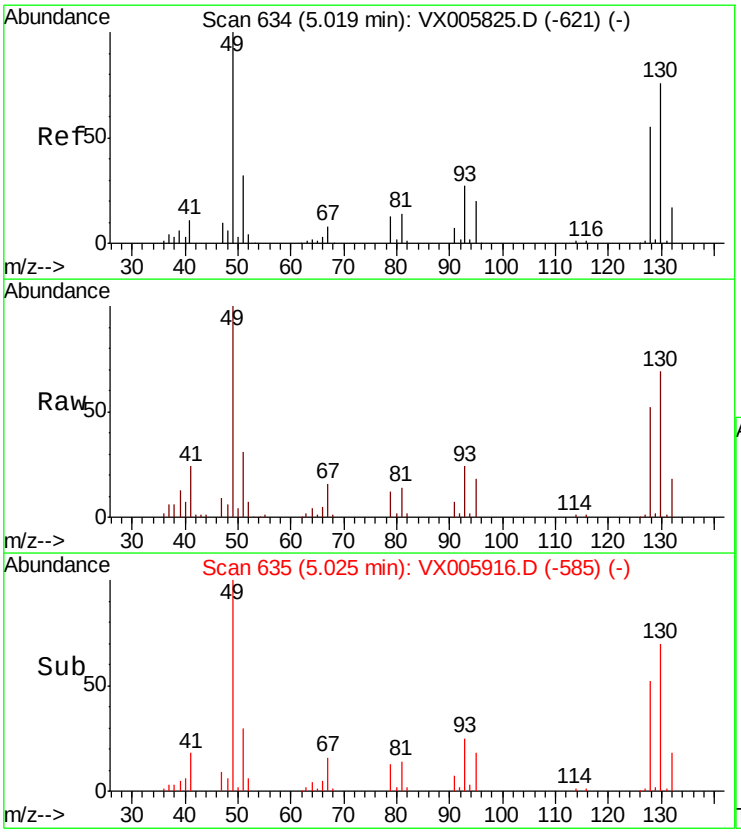

#27
cis-1,2-Dichloroethene
Concen: 52.046 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 96 Resp: 53657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 149.2 | 0.0 | 304.6 |
| 98 | 63.3 | 0.0 | 127.4 |

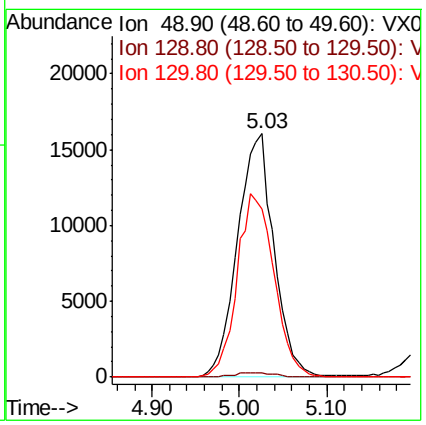


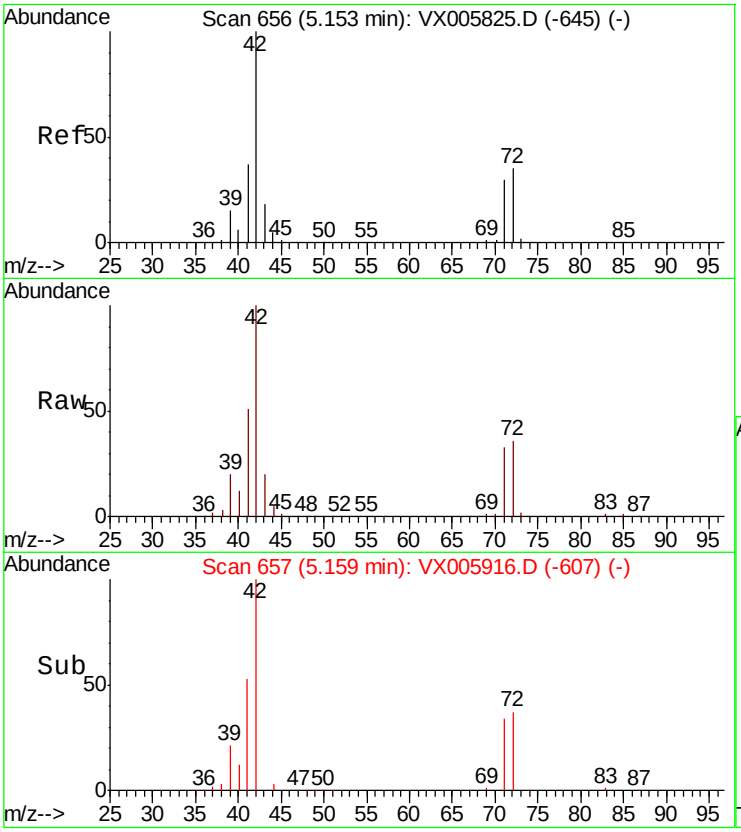




#28
Bromochloromethane
Concen: 56.335 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 49 Resp: 46521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.9 | 0.0 | 4.0 |
| 130 | 76.2 | 58.9 | 88.3 |



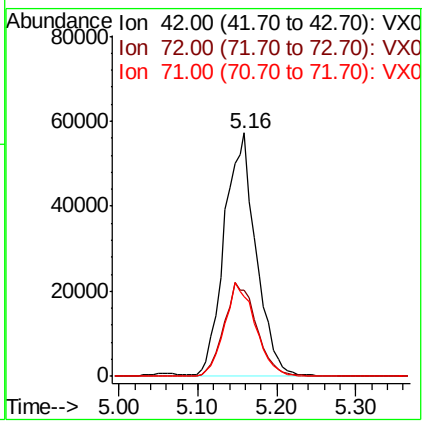


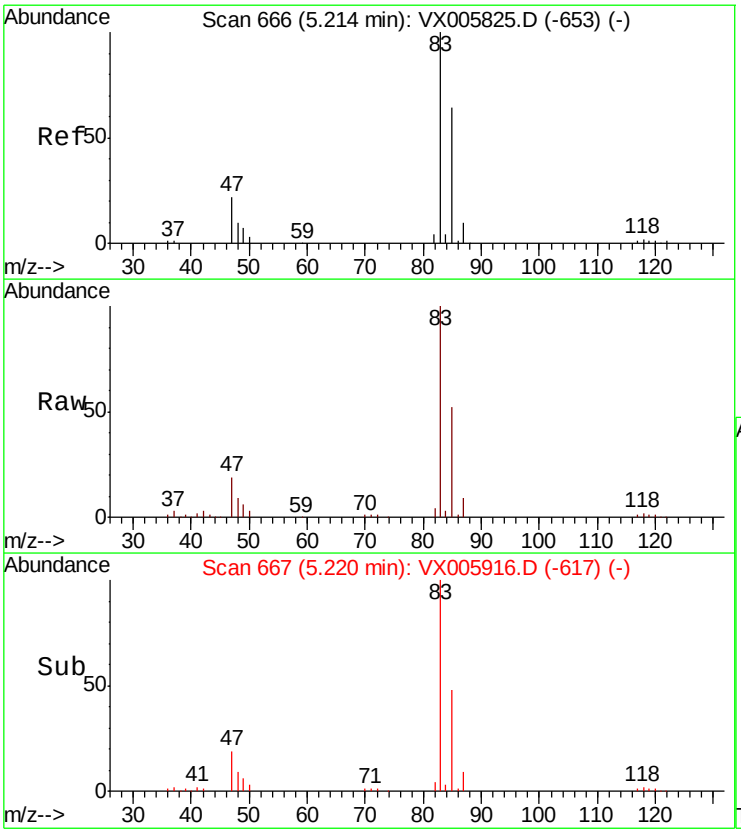

#29
Tetrahydrofuran
Concen: 255.579 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 42 Resp: 159933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 39.5 | 32.0 | 48.0 |
| 71 | 37.5 | 29.8 | 44.8 |

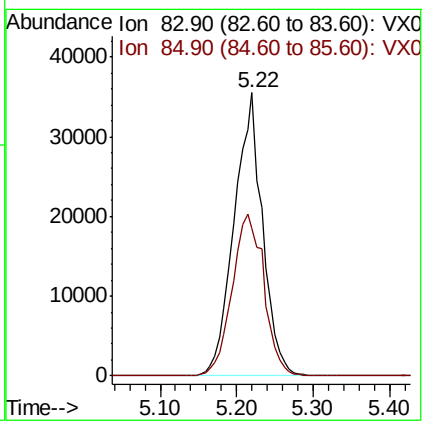


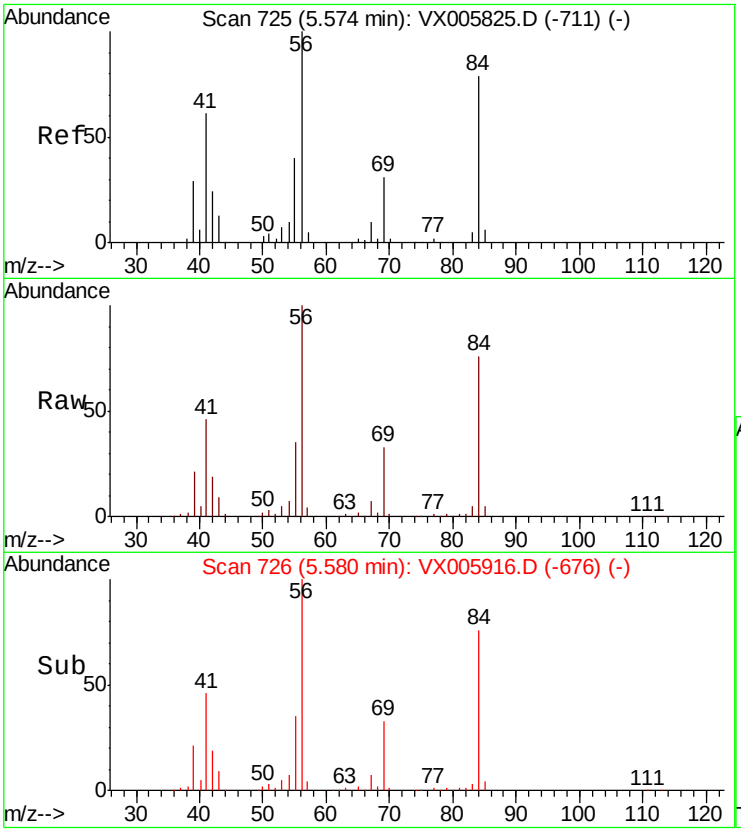




#30
Chloroform
Concen: 51.222 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 83 Resp: 91312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 52.4 | 50.6 | 76.0 |



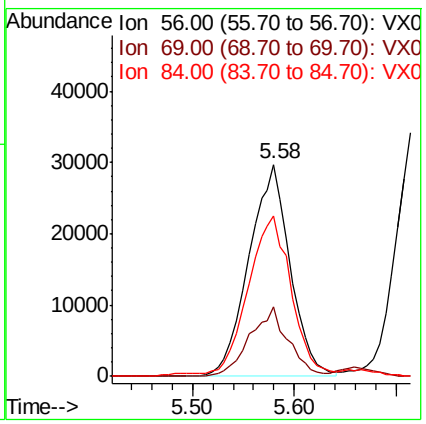


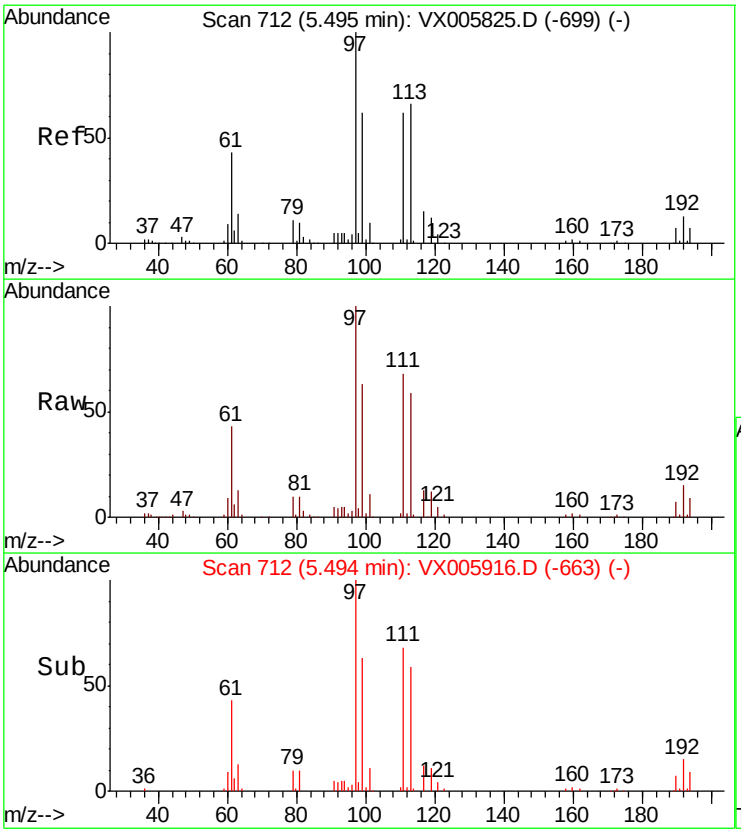

#31
Cyclohexane
Concen: 51.932 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :** MSVOA_X
**ClientSampleId :** SS003MW273-181108MSD

Tgt Ion: 56 Resp: 83295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.6 | 22.6 | 34.0 |
| 84 | 74.5 | 62.7 | 94.1 |

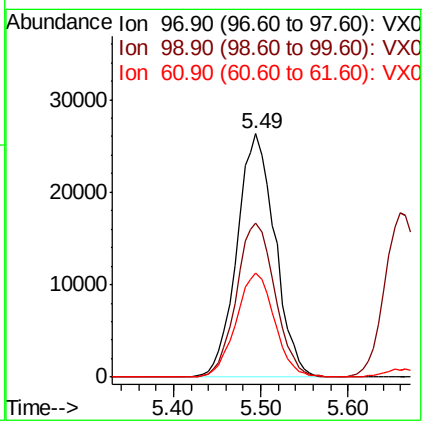


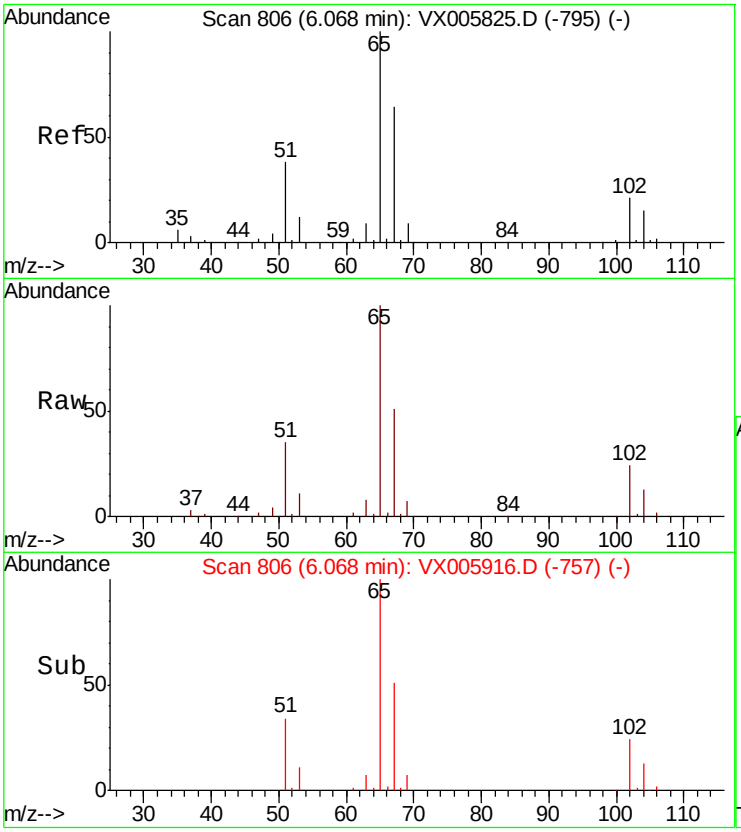




#32
1,1,1-Trichloroethane
Concen: 53.368 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 97 Resp: 79354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.3 | 52.3 | 78.5 |
| 61 | 43.3 | 35.2 | 52.8 |



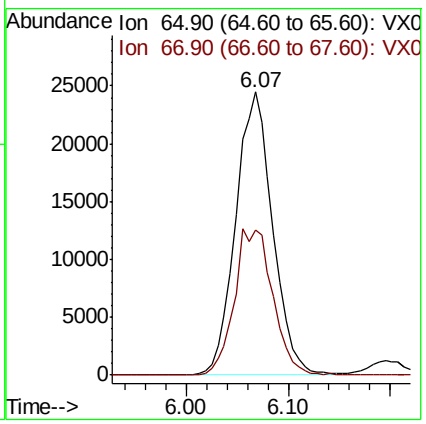


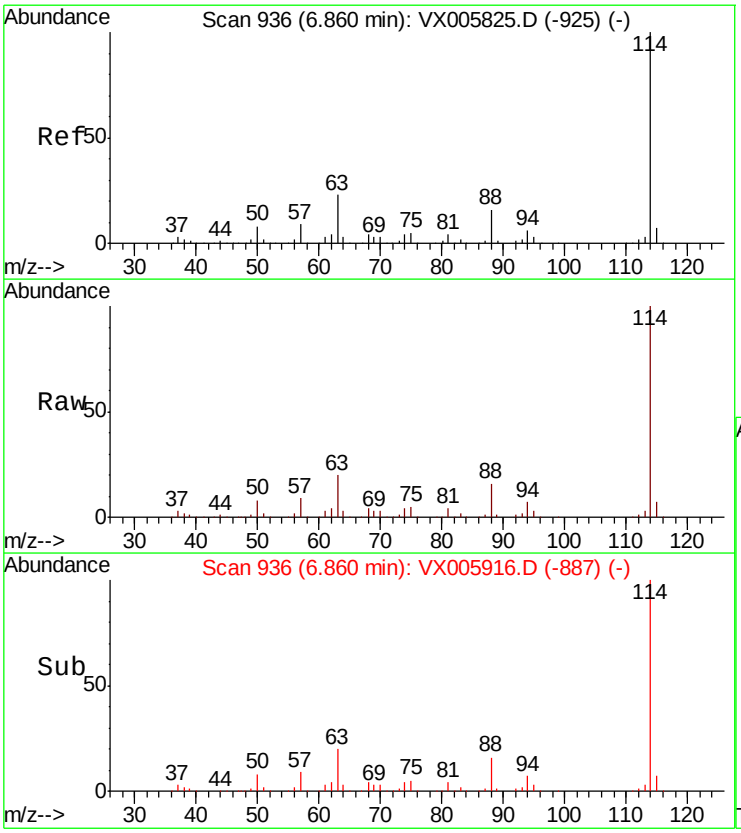

#33
1,2-Dichloroethane-d4
Concen: 53.403 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 65 Resp: 61485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.8 | 0.0 | 105.0 |

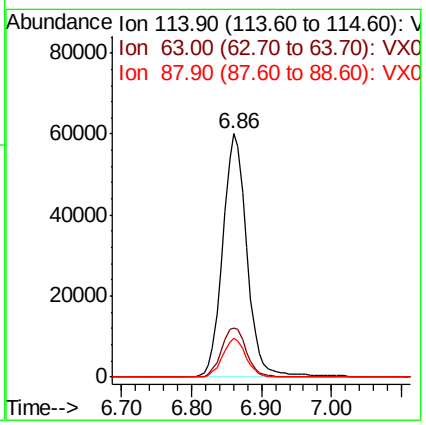


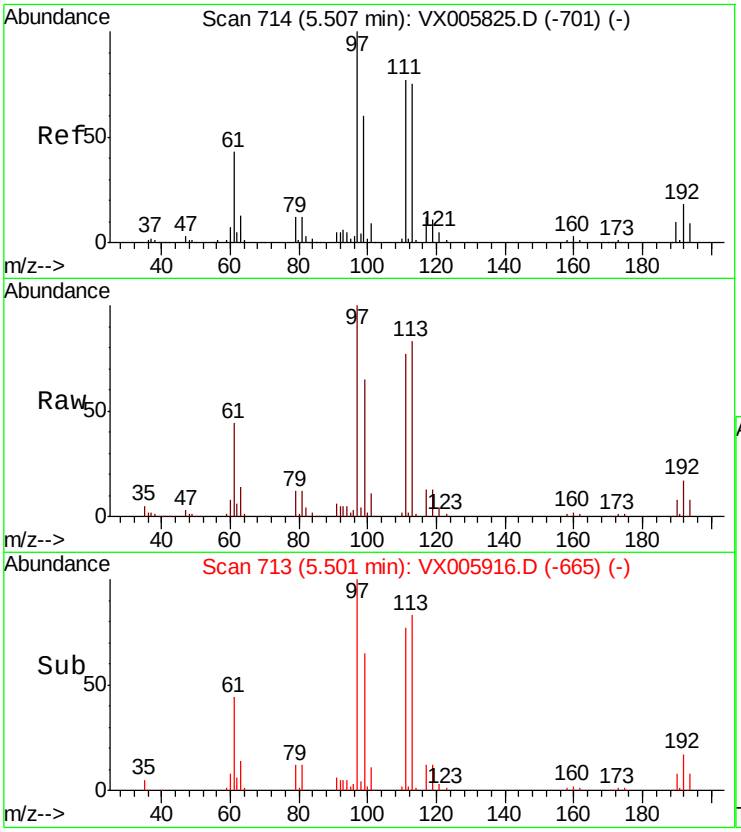




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:114 Resp: 144935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.3 | 0.0 | 42.8 |
| 88 | 15.9 | 0.0 | 31.2 |



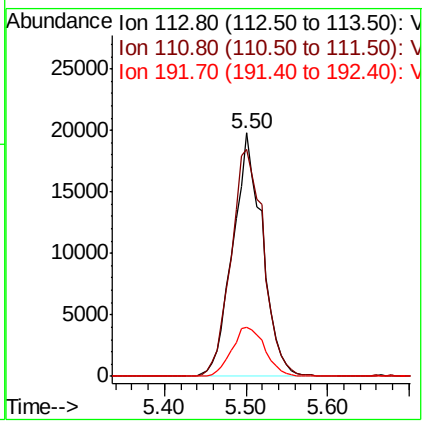


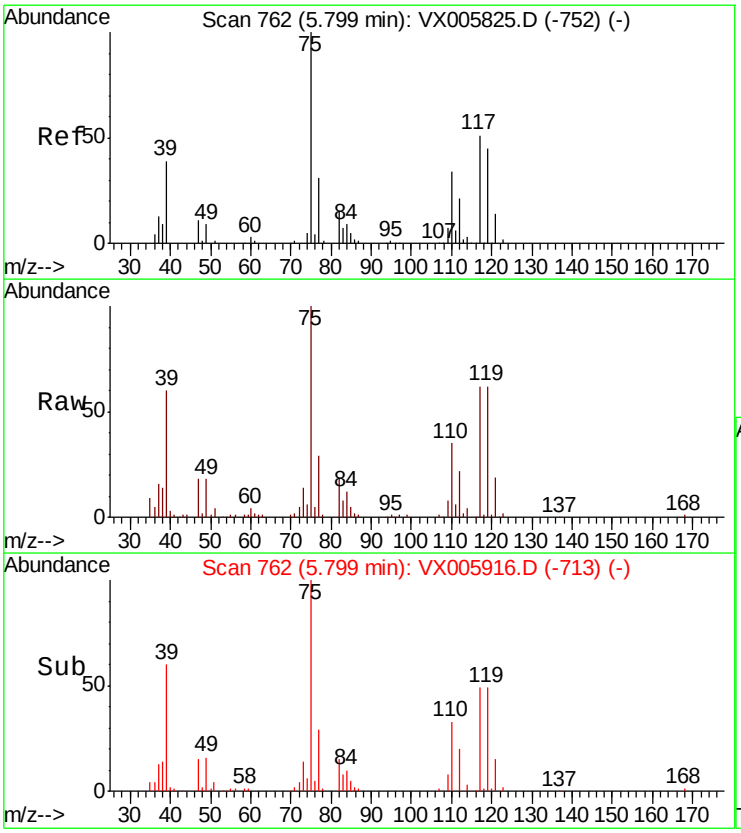

#35
Dibromofluoromethane
Concen: 50.712 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion:113 Resp: 49991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.2 | 82.3 | 123.5 |
| 192 | 22.5 | 17.9 | 26.9 |

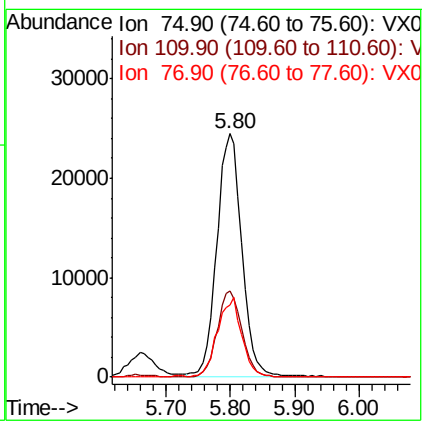


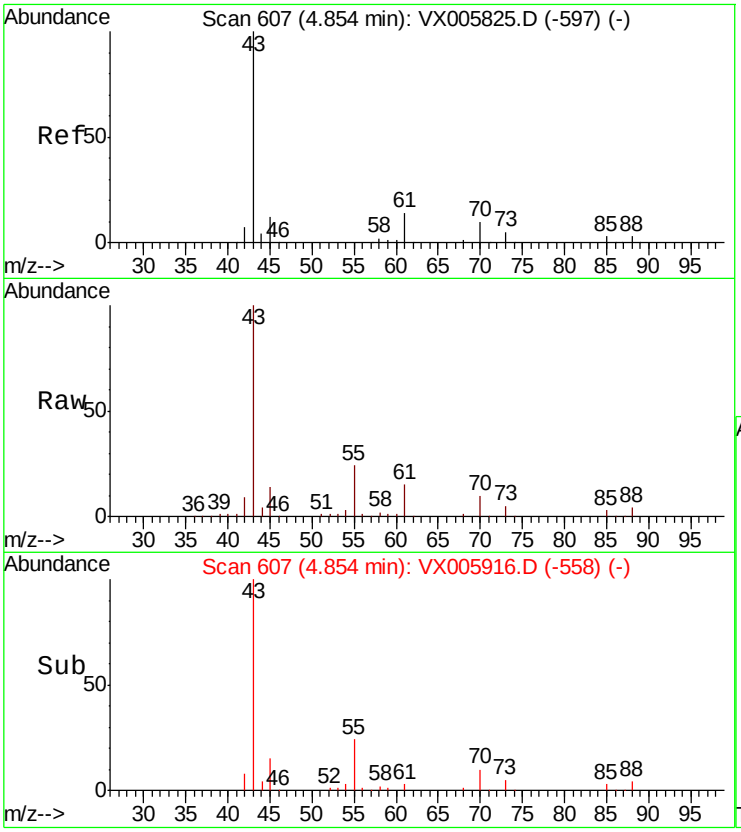




#36
1,1-Dichloropropene
Concen: 48.324 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 75 Resp: 67518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.8 | 17.4 | 52.2 |
| 77 | 31.7 | 25.8 | 38.6 |



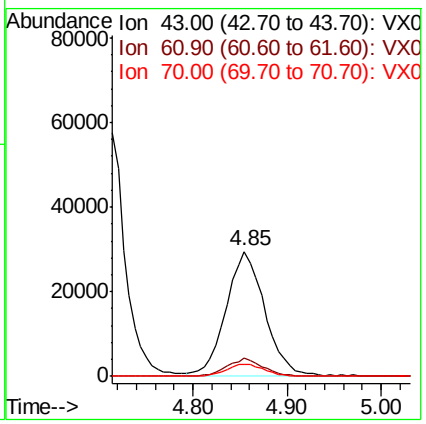


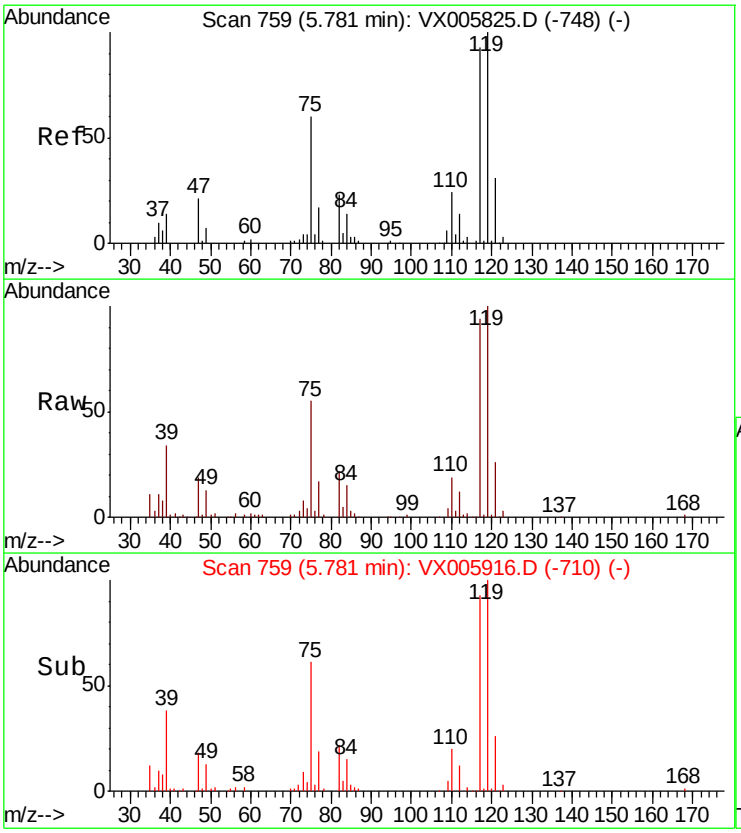

#37
Ethyl Acetate
Concen: 45.642 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 43 Resp: 83861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.9 | 10.8 | 16.2 |
| 70 | 9.9 | 7.8 | 11.8 |

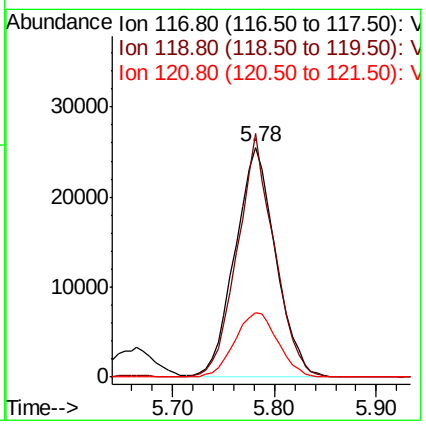


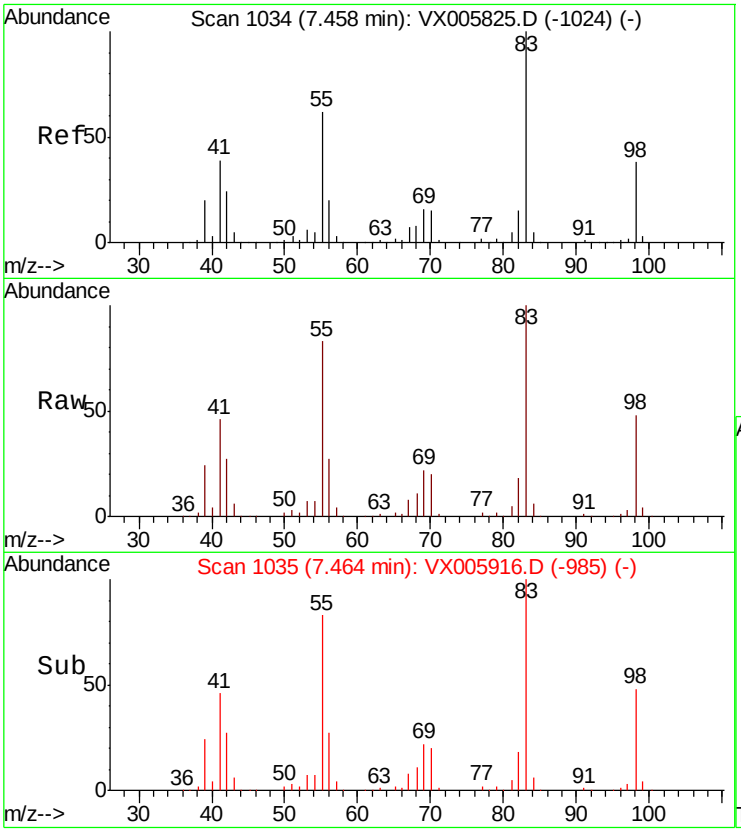




#38
Carbon Tetrachloride
Concen: 50.507 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:117 Resp: 70648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 105.8 | 78.1 | 117.1 |
| 121 | 28.1 | 24.6 | 36.8 |



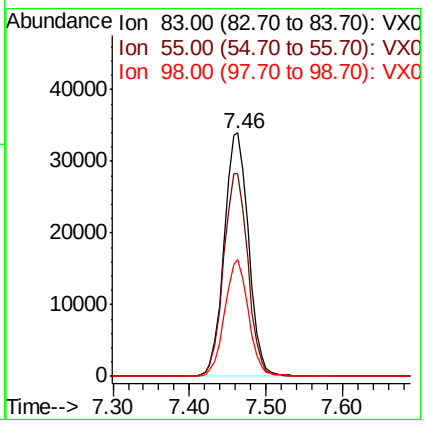


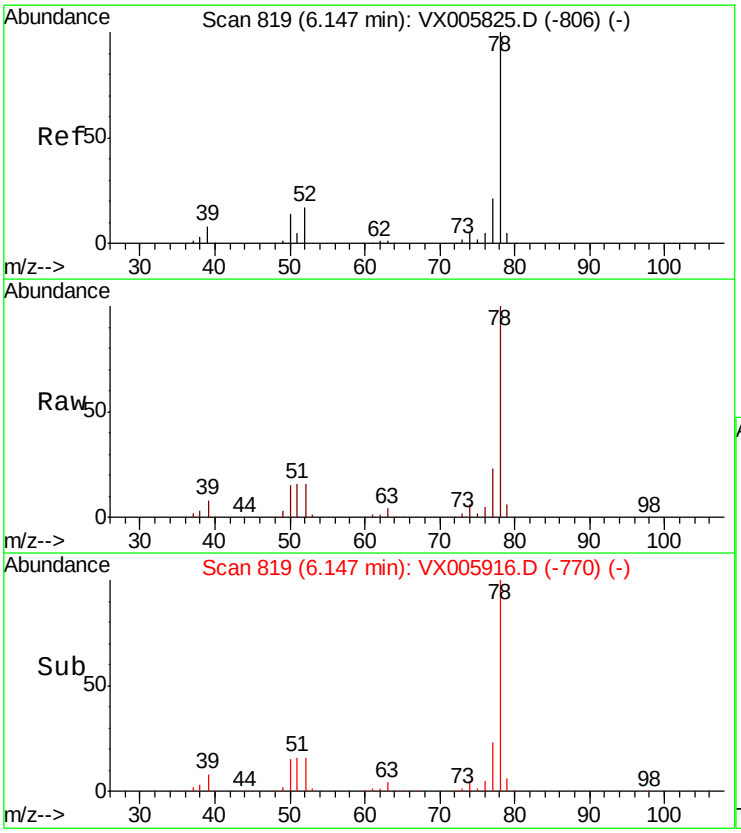

#39
Methylcyclohexane
Concen: 52.930 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 83 Resp: 74955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 83.0 | 63.7 | 95.5 |
| 98 | 48.0 | 36.2 | 54.2 |

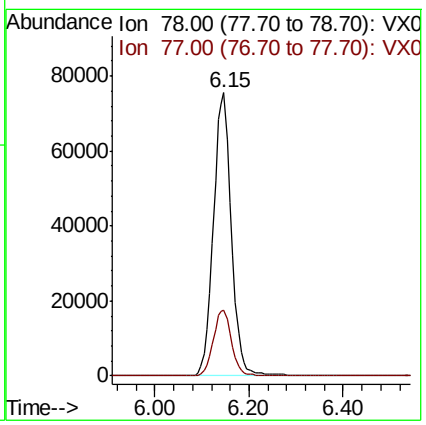


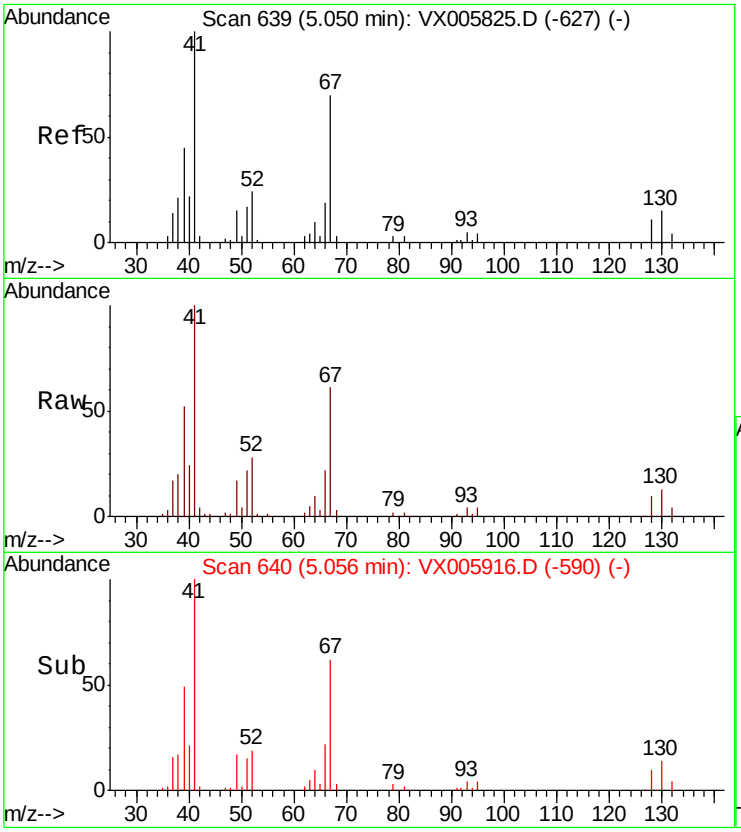




#40
Benzene
Concen: 48.793 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 78 Resp: 198741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.1 | 18.4 | 27.6 |



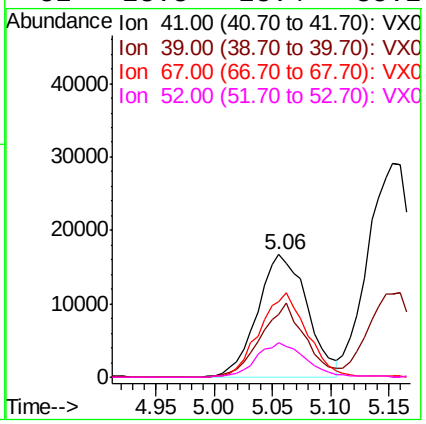


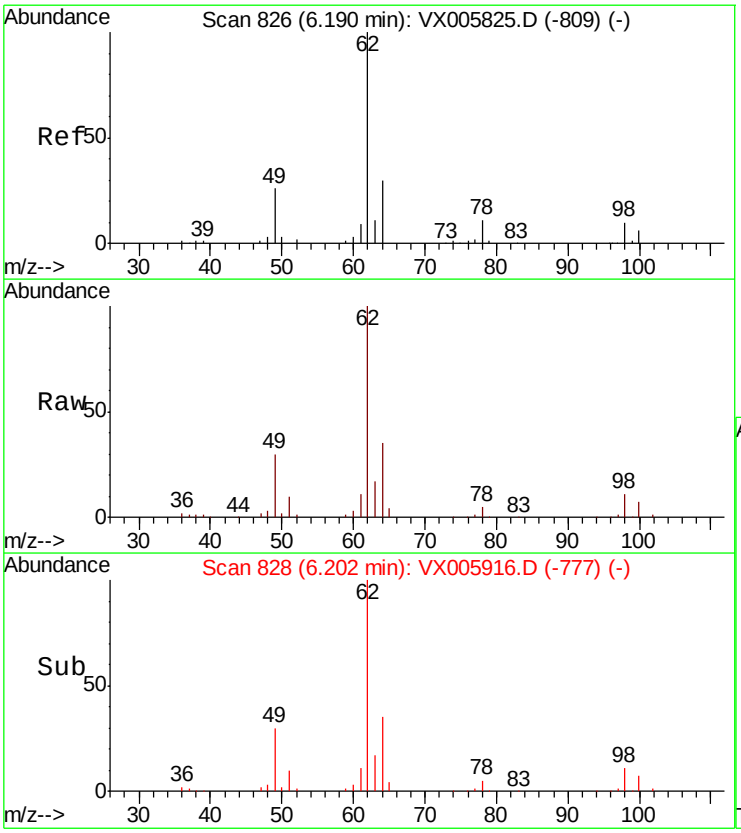

#41
Methacrylonitrile
Concen: 49.792 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 41 Resp: 49434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 53.6 | 42.2 | 63.2 |
| 67 | 66.1 | 53.4 | 80.0 |
| 52 | 28.3 | 23.4 | 35.2 |

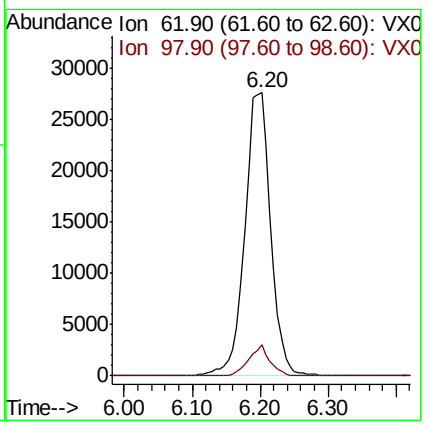


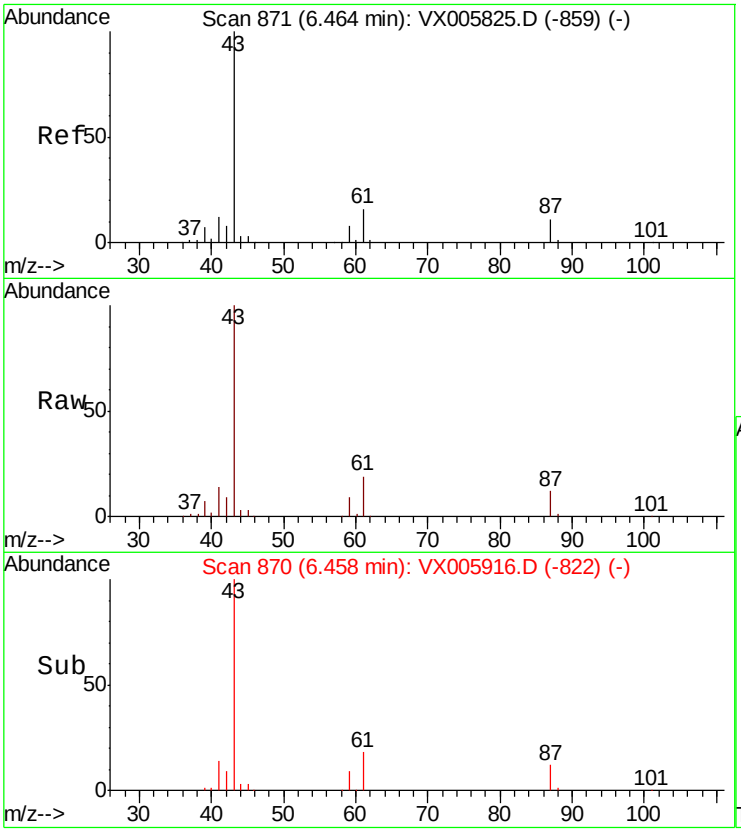




#42
1,2-Dichloroethane
Concen: 50.244 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 62 Resp: 73301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.0 | 0.0 | 17.8 |



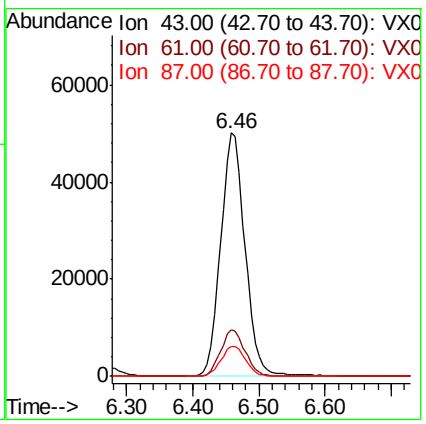


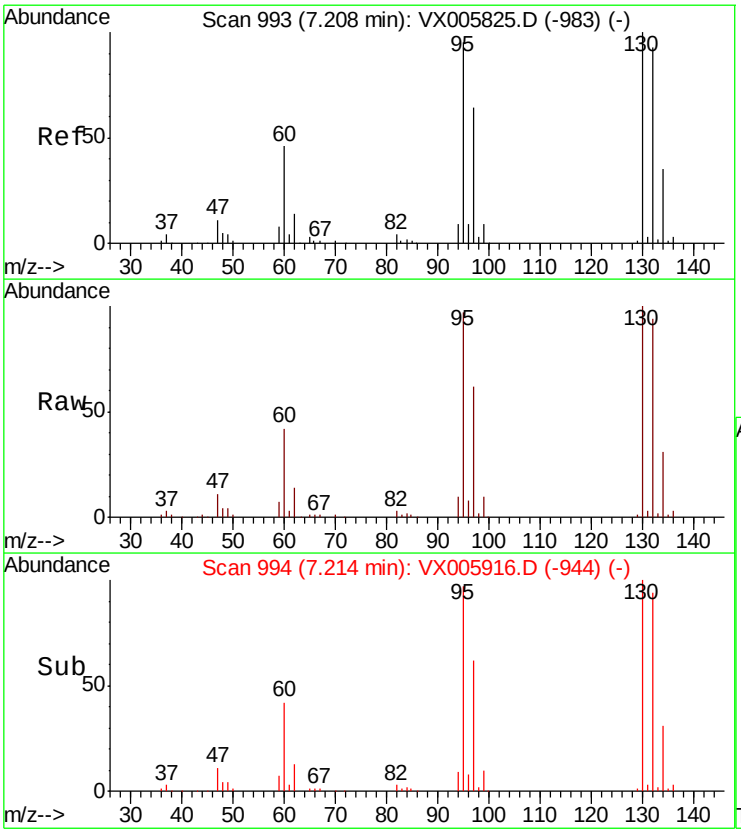

#43
Isopropyl Acetate
Concen: 47.878 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 43 Resp: 127468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.3 | 14.6 | 22.0 |
| 87 | 12.6 | 9.6 | 14.4 |

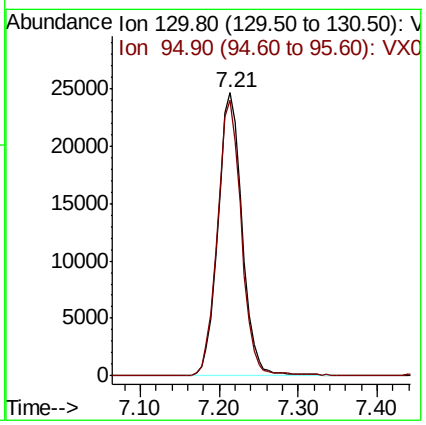


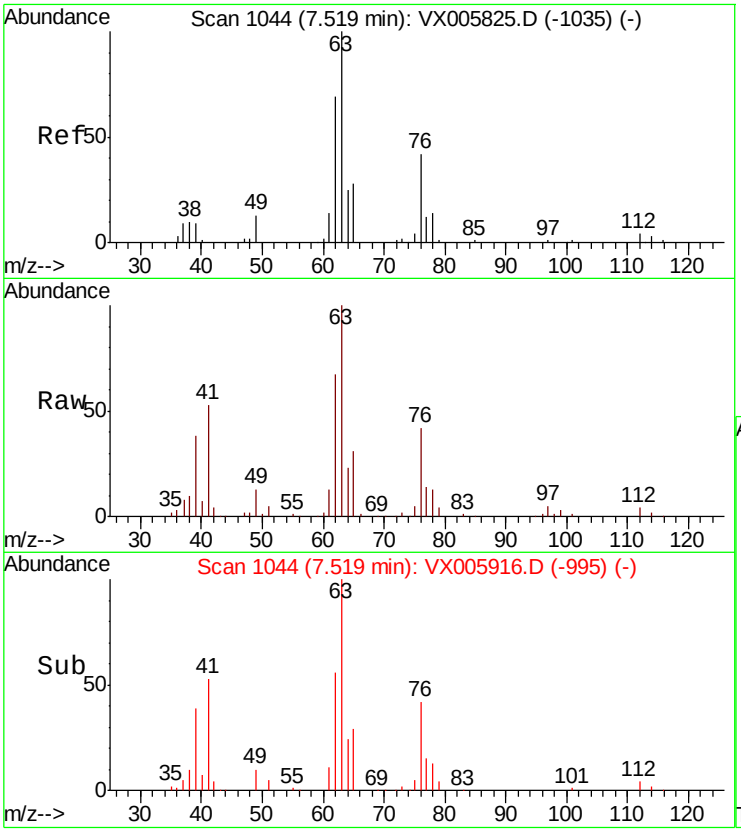




#44
Trichloroethene
Concen: 50.737 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:130 Resp: 52482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 97.2 | 0.0 | 194.2 |



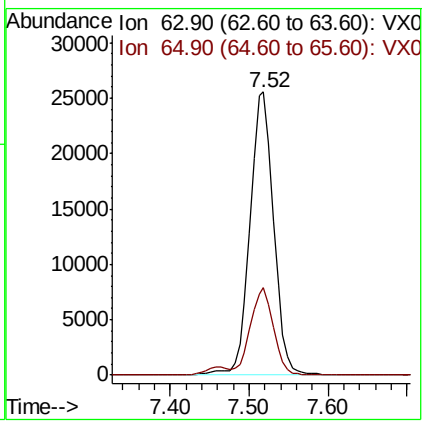


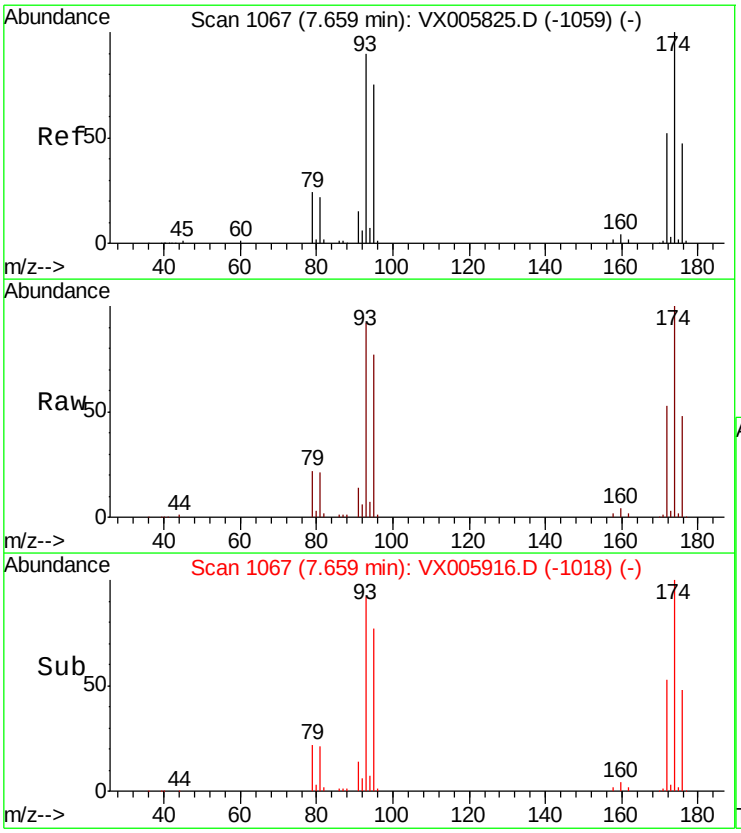

#45
1,2-Dichloropropane
Concen: 53.876 ug/l
RT: 7.52 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 63 Resp: 53264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.7 | 24.8 | 37.2 |

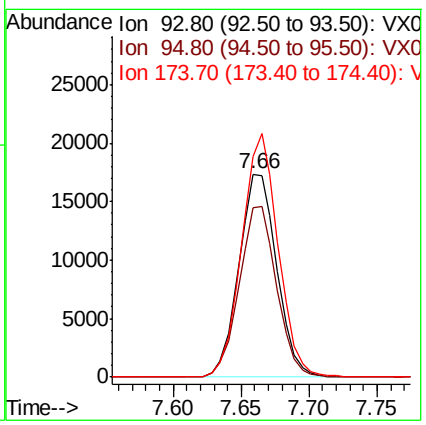


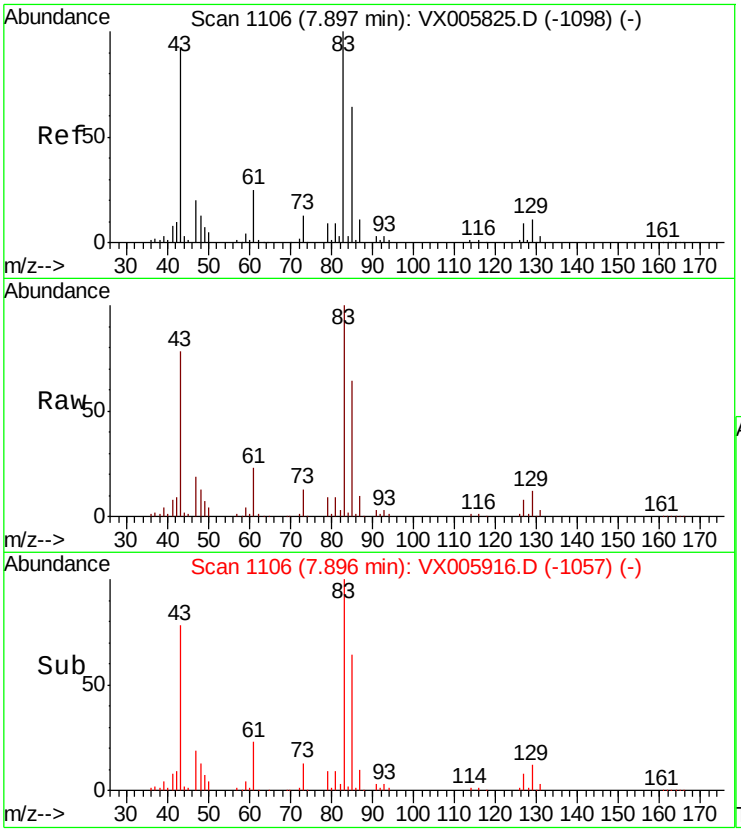




#46
Dibromomethane
Concen: 54.369 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 93 Resp: 33729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.6 | 67.4 | 101.0 |
| 174 | 115.5 | 91.5 | 137.3 |



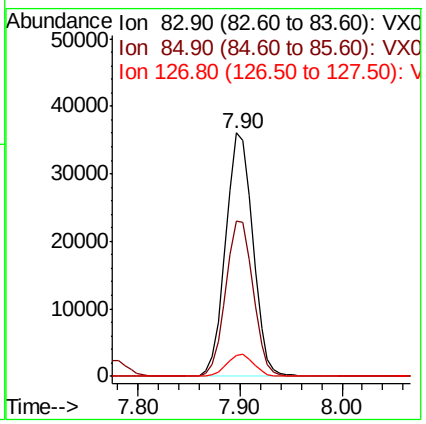


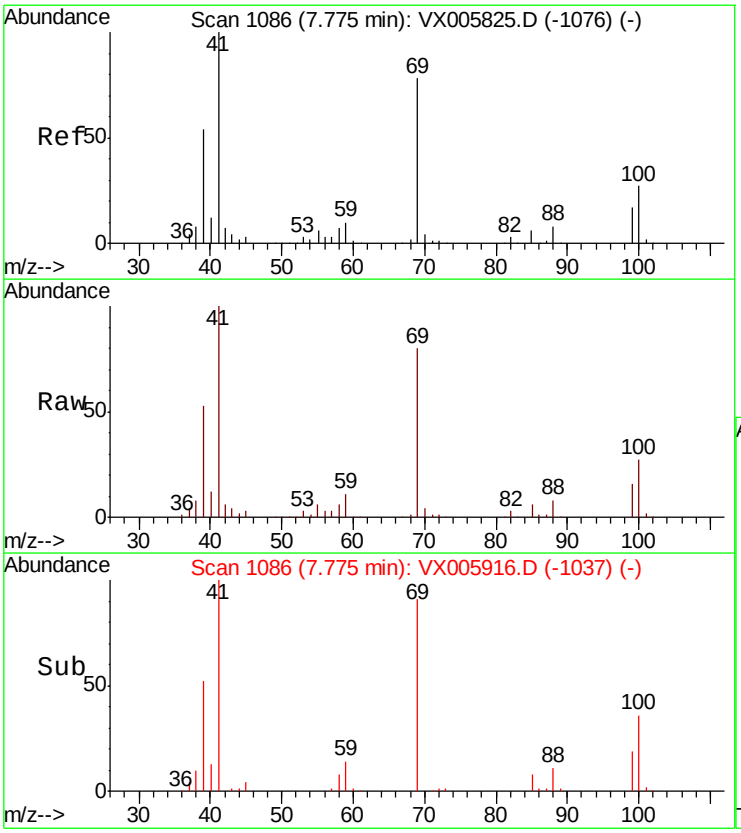

#47
Bromodichloromethane
Concen: 56.638 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 83 Resp: 66404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.9 | 50.2 | 75.4 |
| 127 | 8.4 | 6.9 | 10.3 |

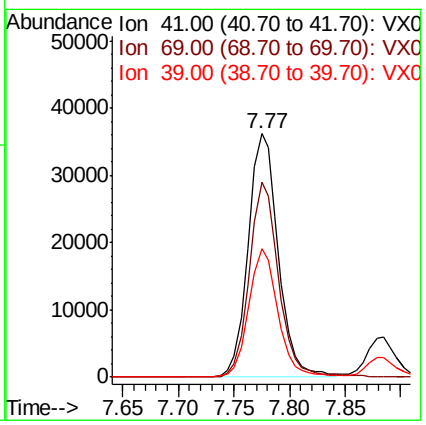


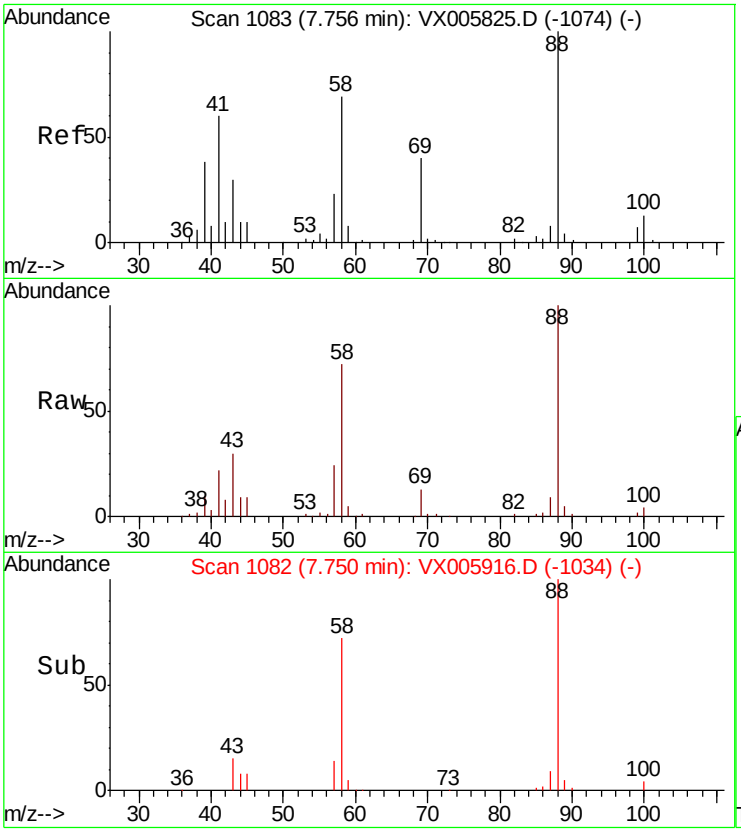




#48
Methyl methacrylate
Concen: 57.249 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 41 Resp: 68438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 78.2 | 63.2 | 94.8 |
| 39 | 51.5 | 42.2 | 63.2 |



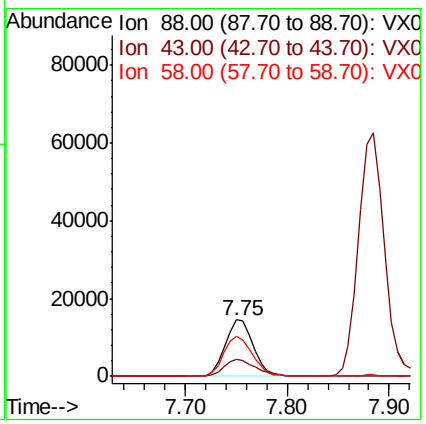


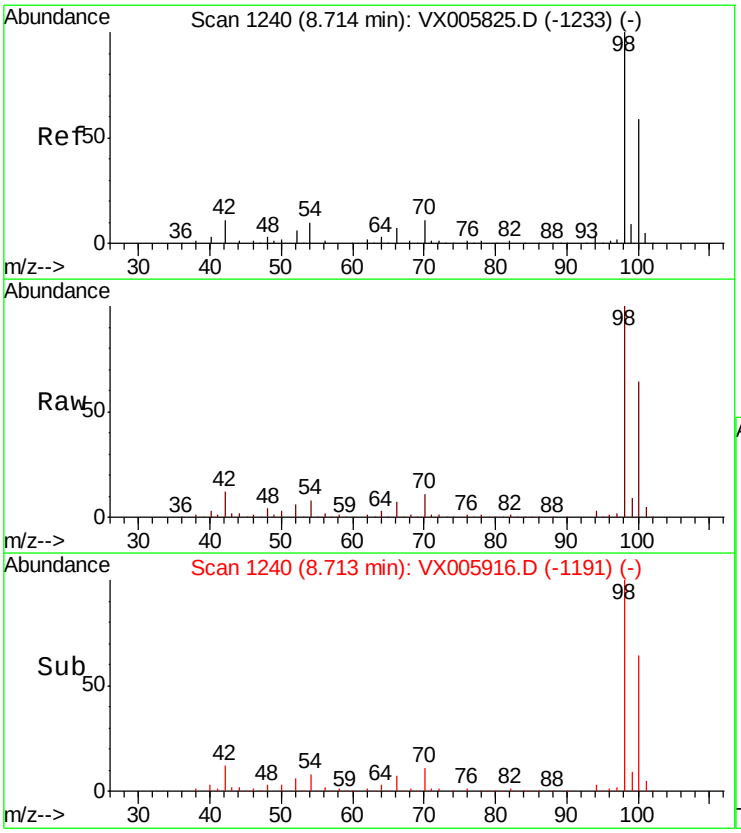

#49
1,4-Dioxane
Concen: 1071.072 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 88 Resp: 27591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 35.4 | 27.4 | 41.0 |
| 58 | 73.3 | 59.4 | 89.2 |

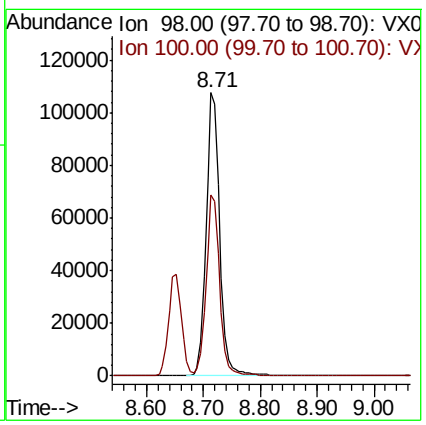


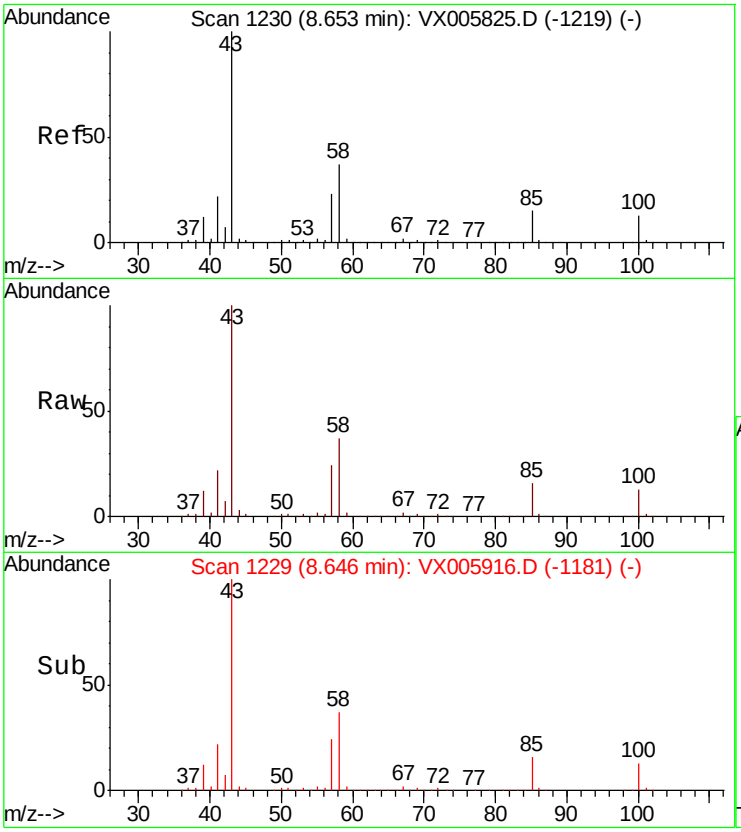




#50
Toluene-d8
Concen: 54.538 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 98 Resp: 178736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.1 | 51.3 | 76.9 |



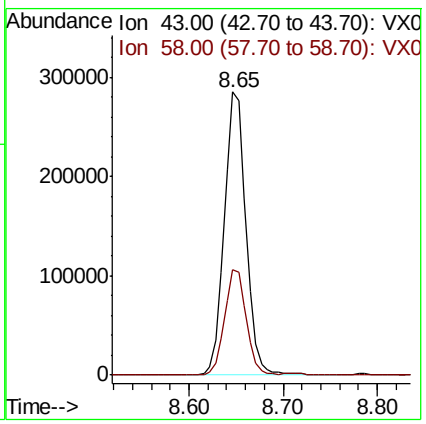


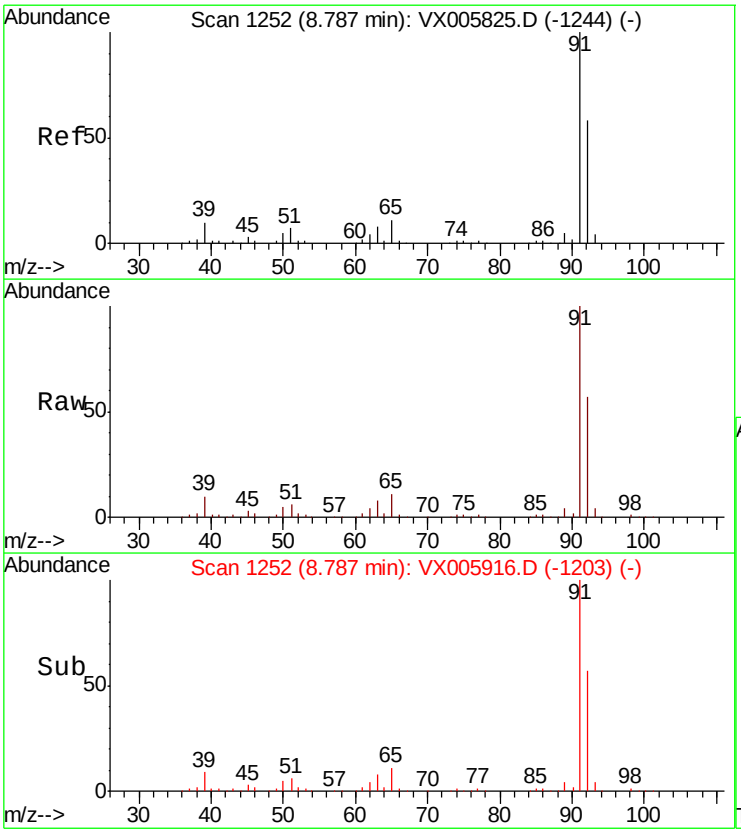

#51
4-Methyl-2-Pentanone
Concen: 271.915 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 43 Resp: 456251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.0 | 29.7 | 44.5 |

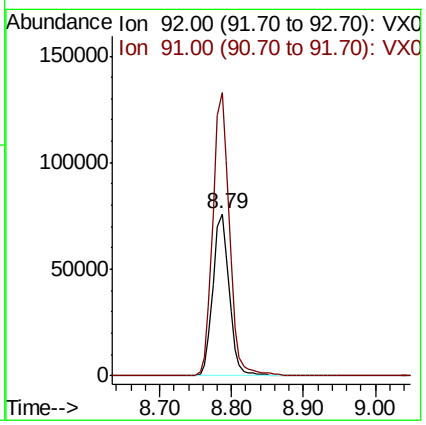


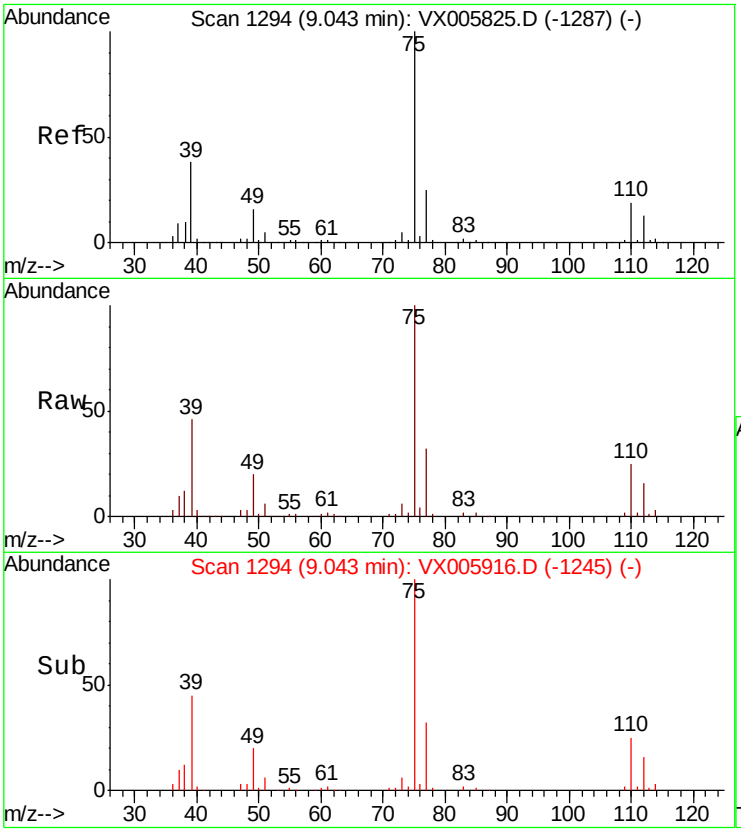




#52
Toluene
Concen: 53.020 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 92 Resp: 120697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 176.1 | 140.4 | 210.6 |



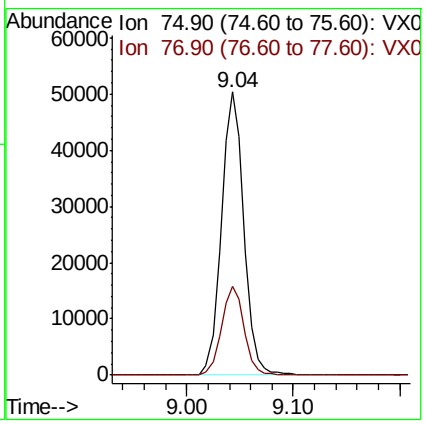


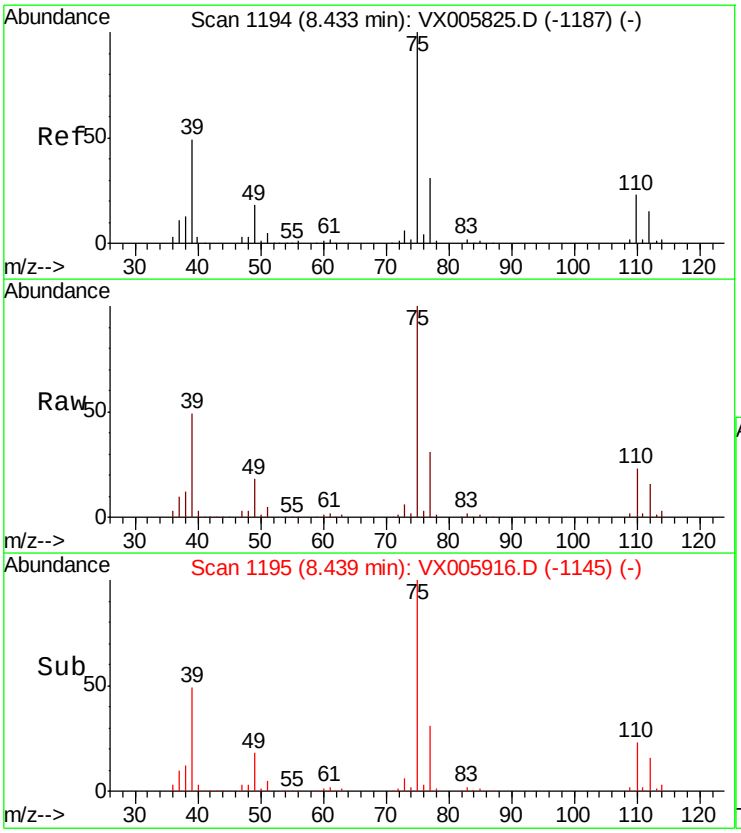

#53
t-1,3-Dichloropropene
Concen: 53.361 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 75 Resp: 73829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.5 | 25.4 | 38.2 |

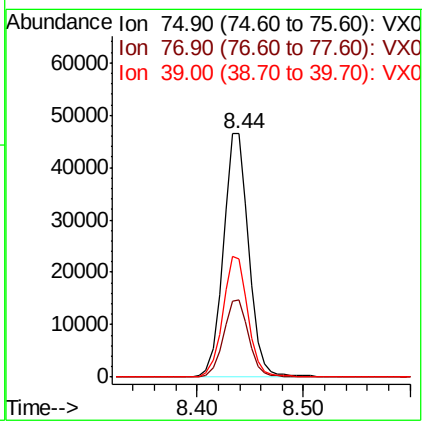


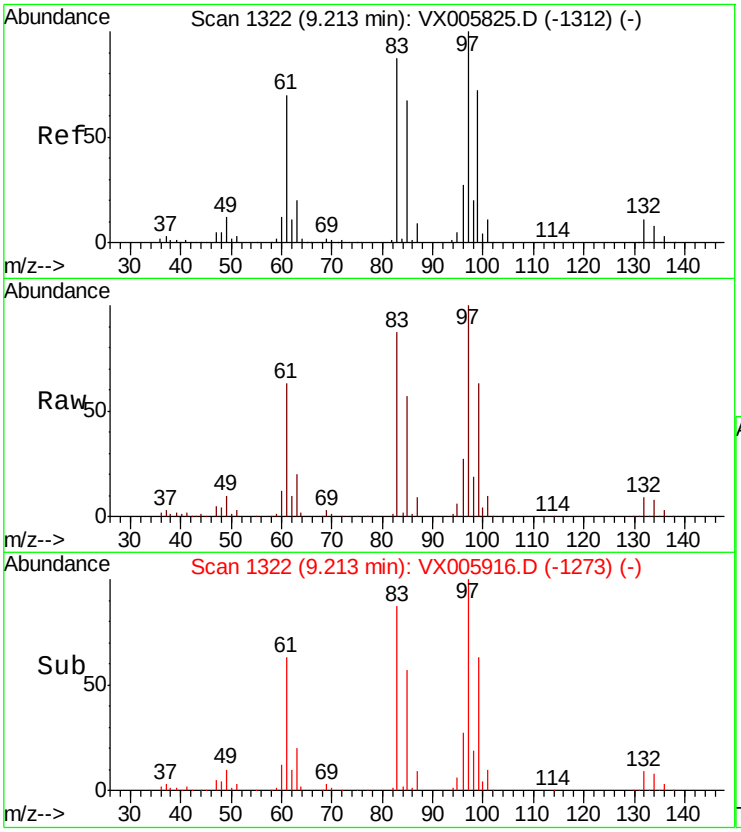




#54
cis-1,3-Dichloropropene
Concen: 54.683 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 75 Resp: 77114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.5 | 25.2 | 37.8 |
| 39 | 48.7 | 38.2 | 57.2 |



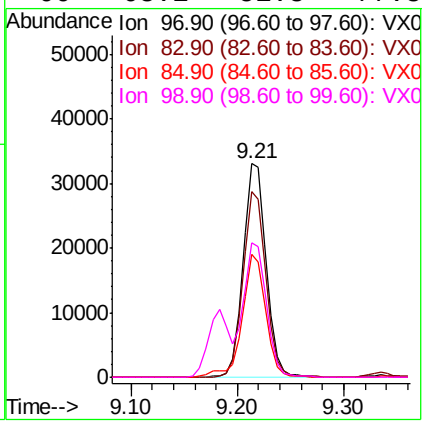


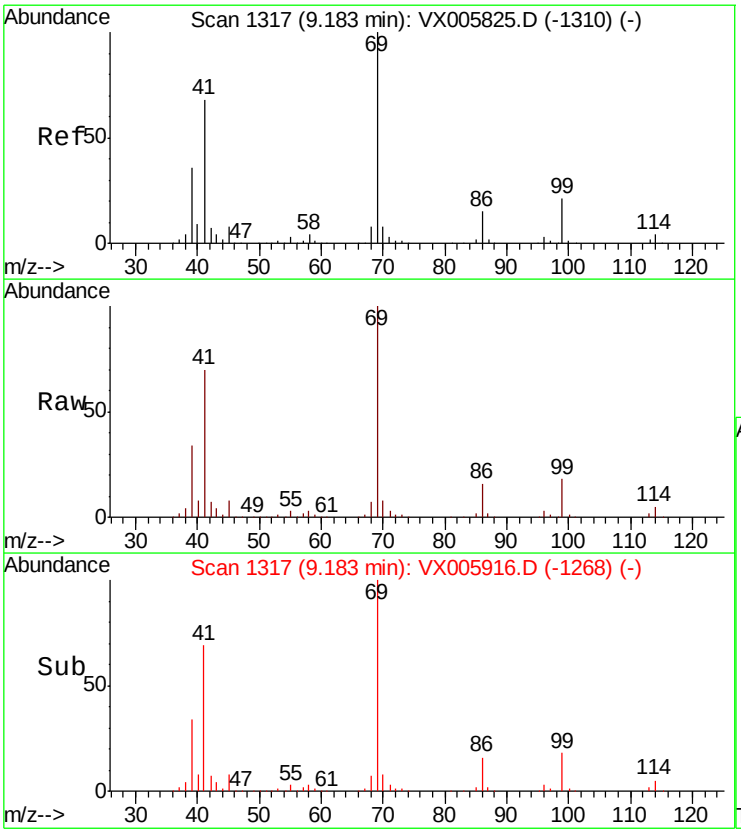

#55
1,1,2-Trichloroethane
Concen: 49.641 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 97 Resp: 50364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 87.2 | 70.7 | 106.1 |
| 85 | 57.4 | 45.8 | 68.6 |
| 99 | 63.1 | 51.8 | 77.8 |

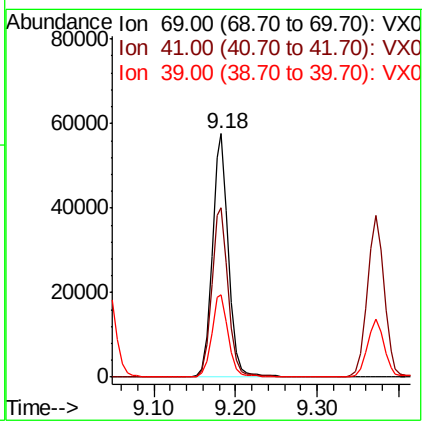


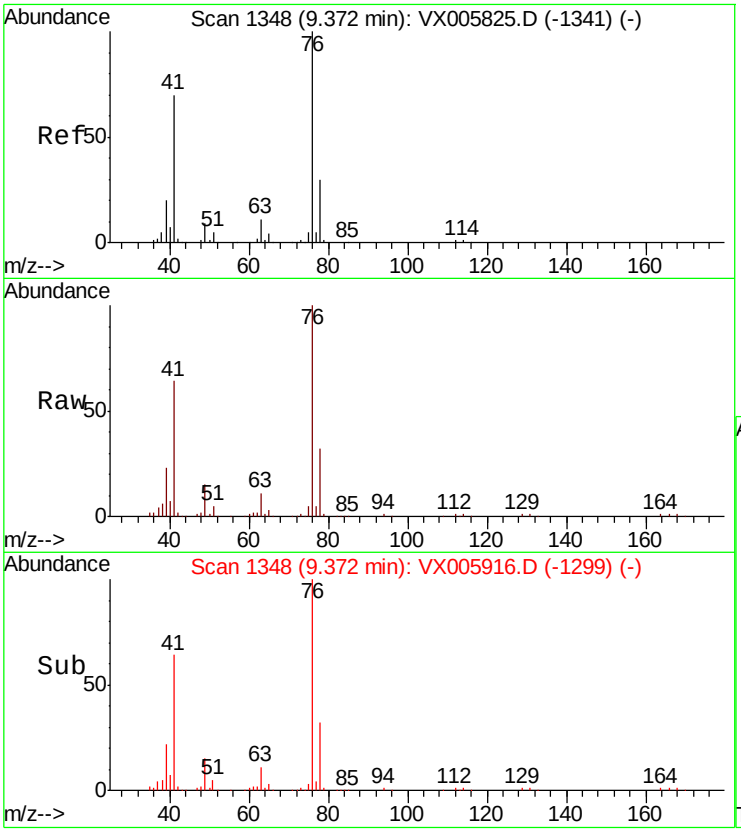




#56
Ethyl methacrylate
Concen: 52.921 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 69 Resp: 80336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 71.8 | 57.0 | 85.6 |
| 39 | 34.9 | 28.3 | 42.5 |



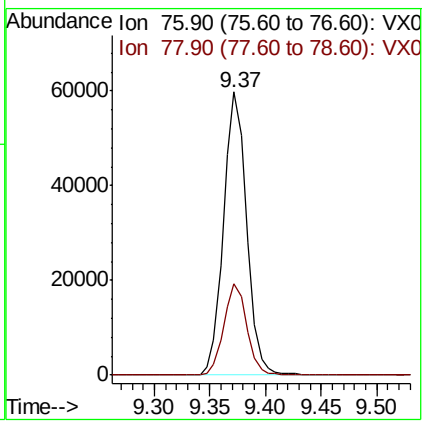


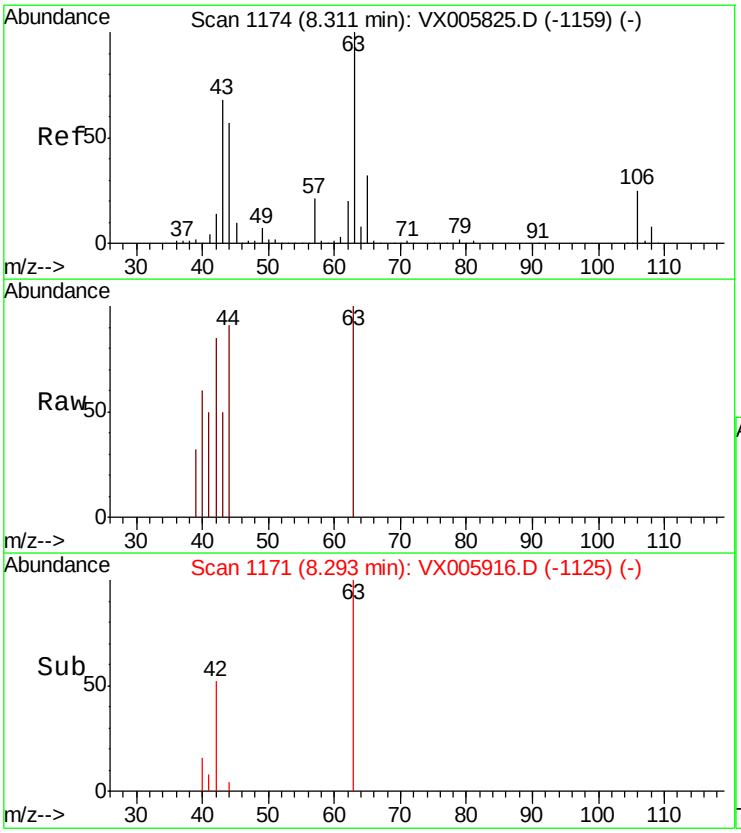

#57
1,3-Dichloropropane
Concen: 50.465 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 76 Resp: 86040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.9 | 25.3 | 37.9 |

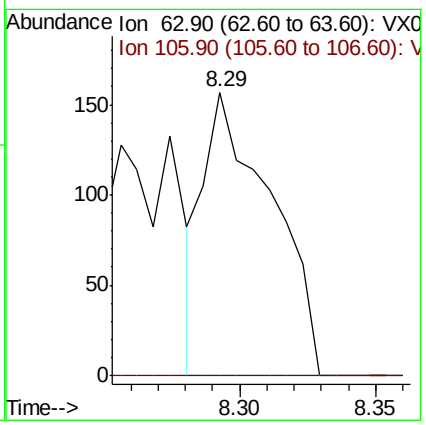


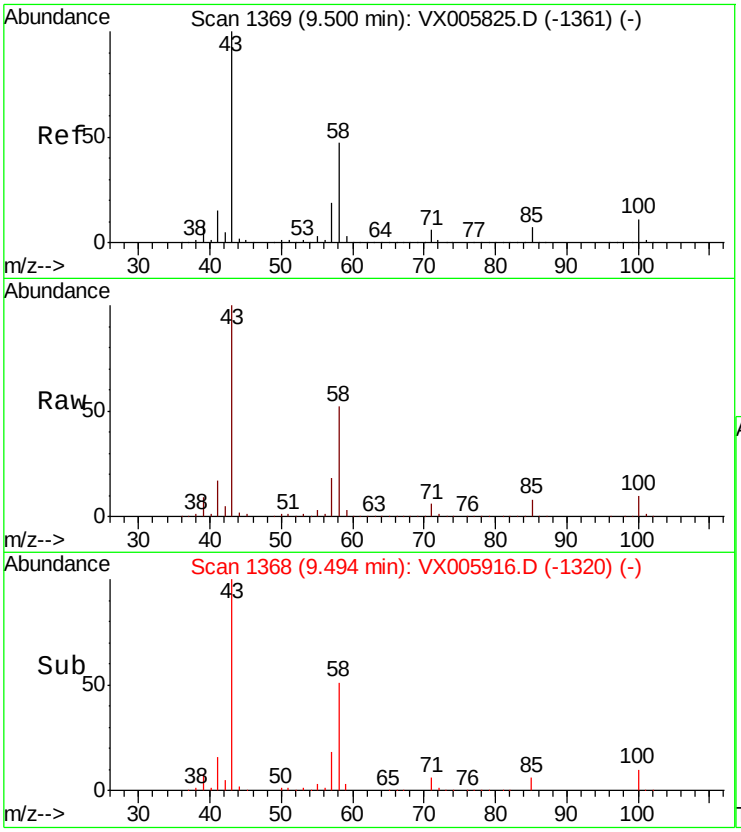




#58
2-Chloroethyl Vinyl ether
Concen: 8.597 ug/l
RT: 8.29 min Scan# 1171
Delta R.T. -0.02 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 63 Resp: 273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 0.0 | 21.3 | 31.9# |



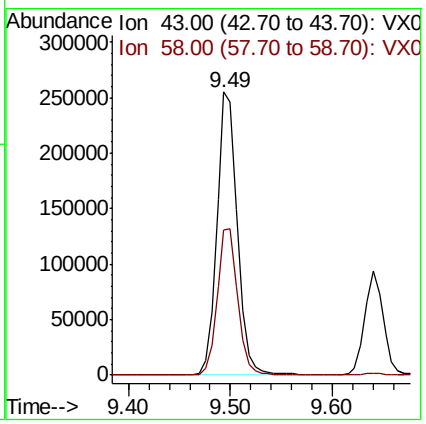


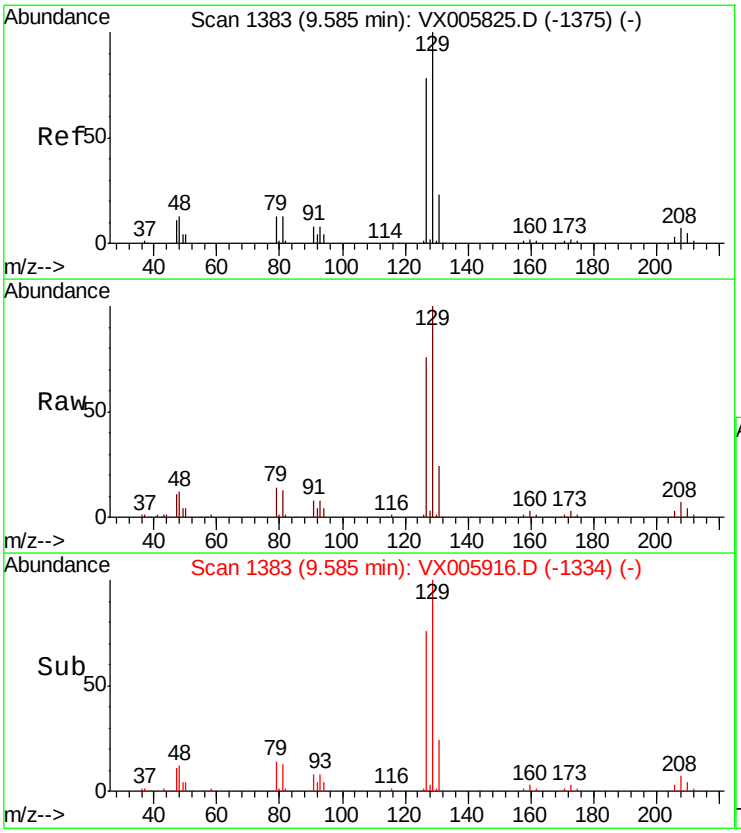

#59
2-Hexanone
Concen: 241.836 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 43 Resp: 357678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 52.3 | 25.9 | 77.8 |

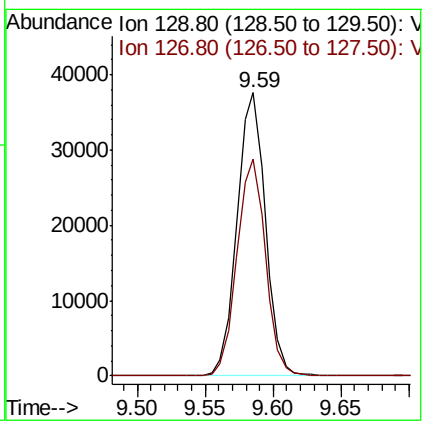


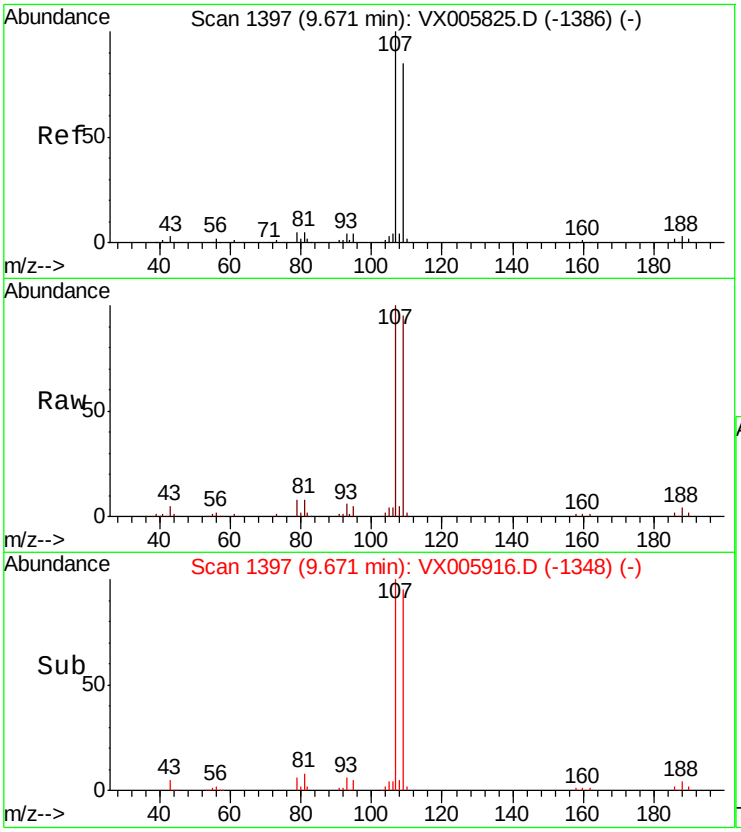




#60
Dibromochloromethane
Concen: 49.857 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:129 Resp: 54667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.8 | 38.9 | 116.7 |



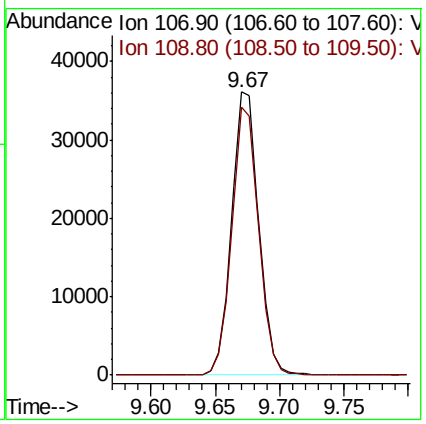


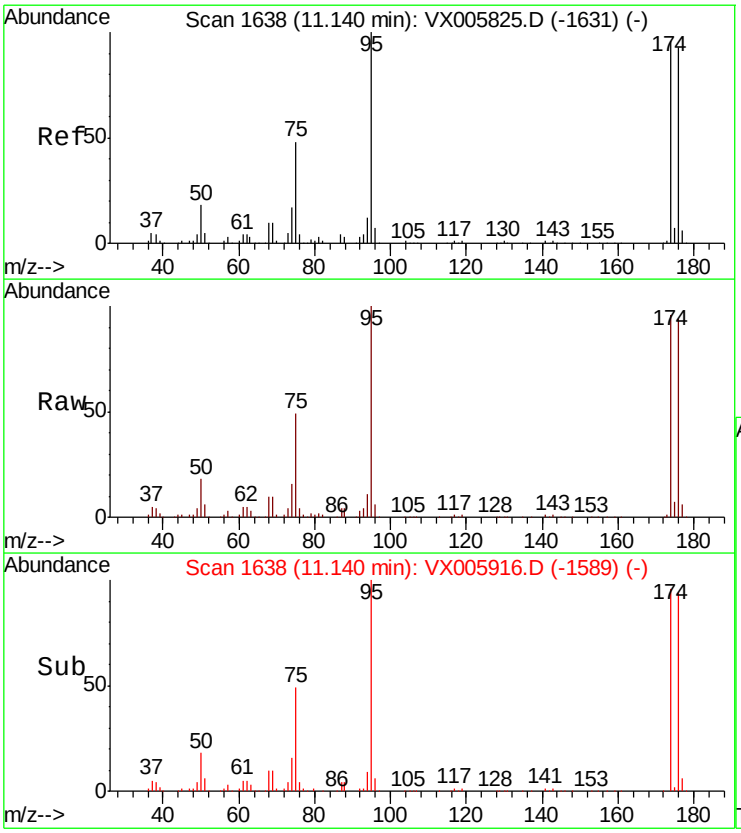

#61
1,2-Dibromoethane
Concen: 47.213 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion:107 Resp: 52967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.7 | 75.7 | 113.5 |

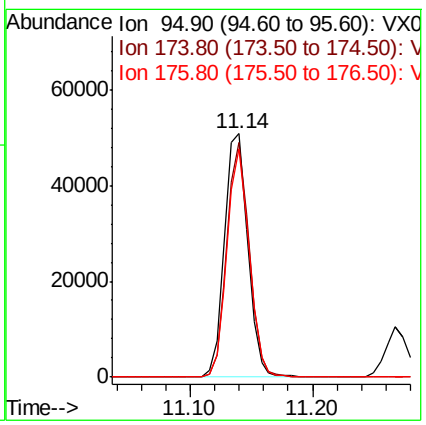


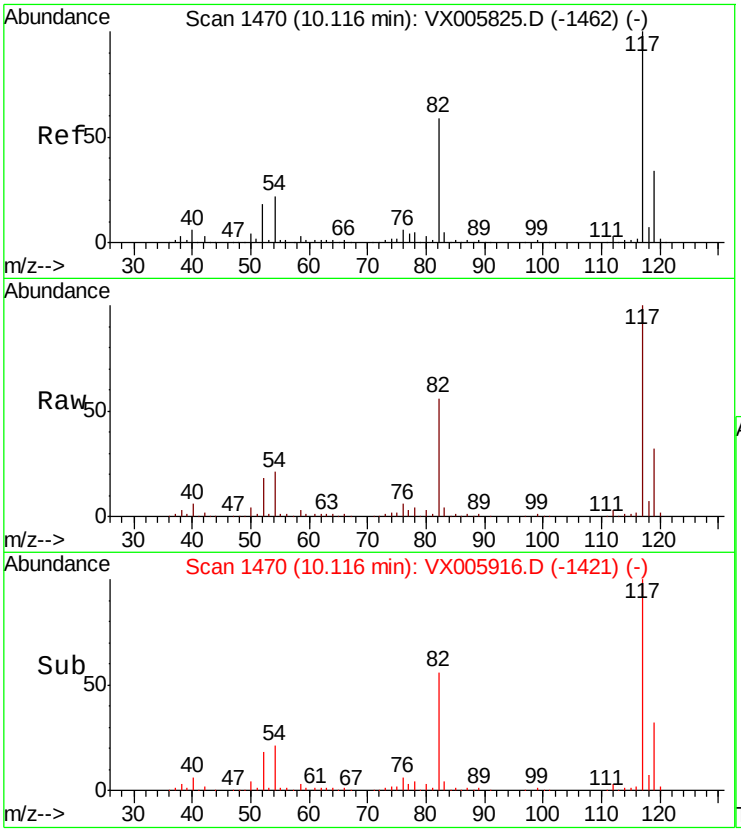




#62
4-Bromofluorobenzene
Concen: 56.923 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 95 Resp: 67073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 92.3 | 0.0 | 184.4 |
| 176 | 89.0 | 0.0 | 177.4 |



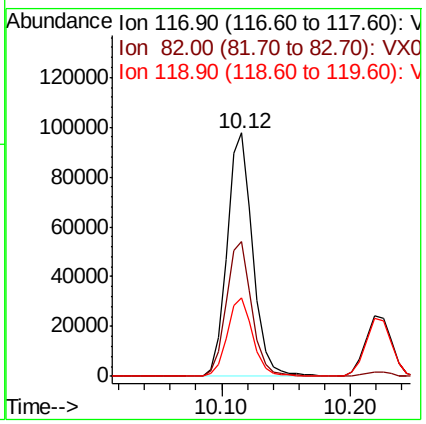


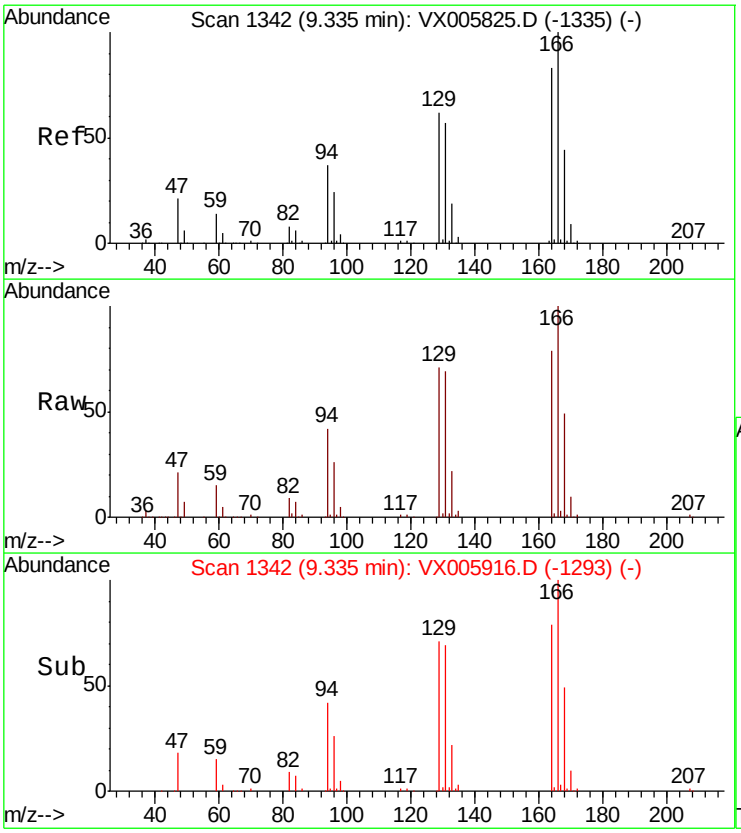

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion:117 Resp: 136079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.6 | 44.1 | 66.1 |
| 119 | 32.2 | 26.2 | 39.2 |

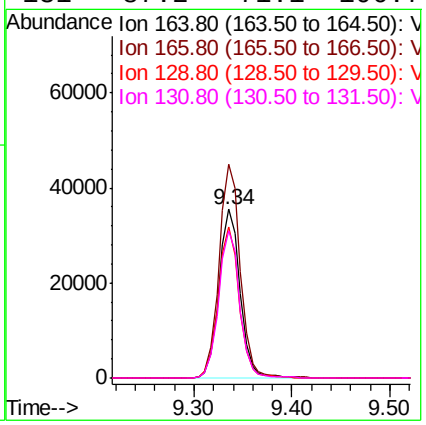


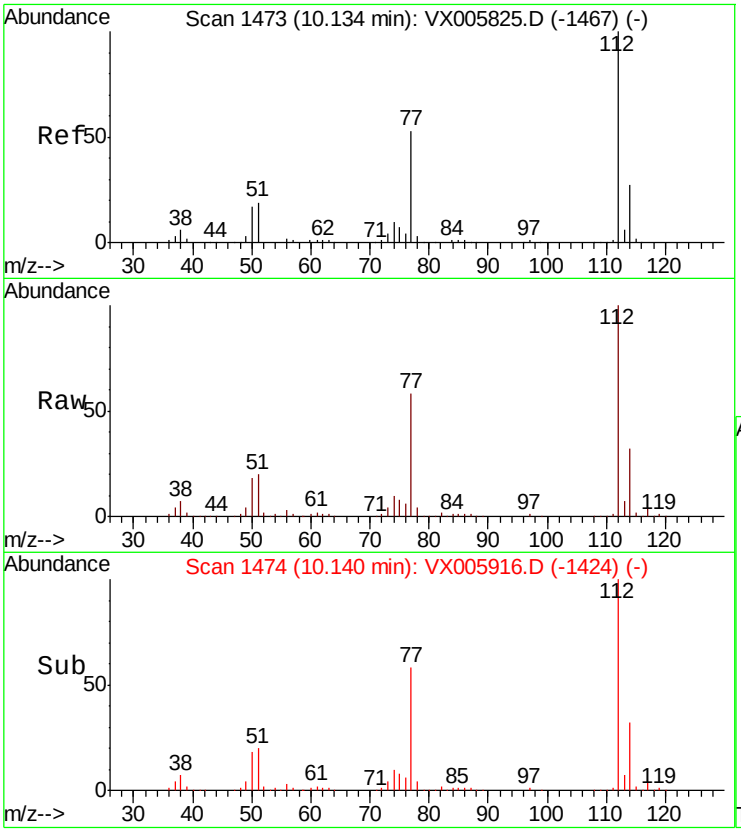




#64
Tetrachloroethene
Concen: 45.884 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:164 Resp: 53160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 126.7 | 101.9 | 152.9 |
| 129 | 89.9 | 72.6 | 109.0 |
| 131 | 87.2 | 71.1 | 106.7 |



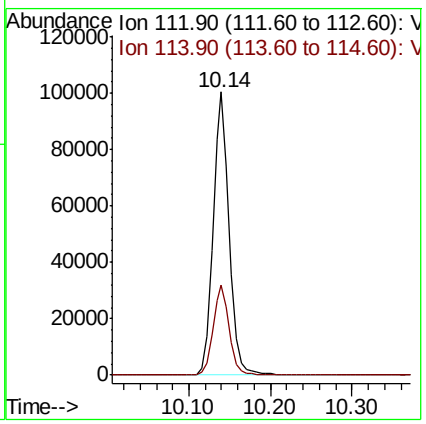


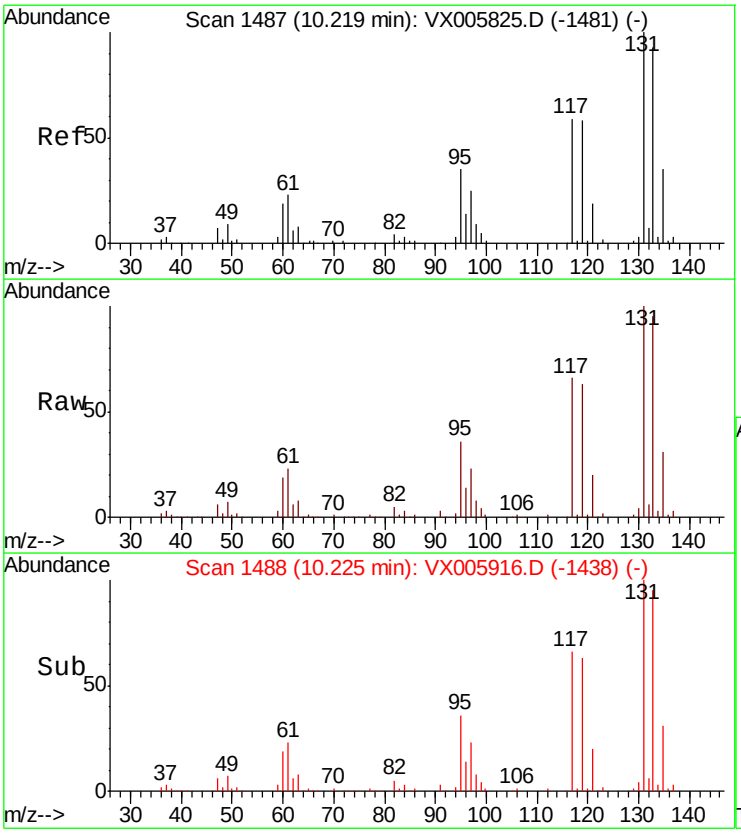

#65
Chlorobenzene
Concen: 51.104 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion:112 Resp: 139315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.9 | 25.8 | 38.6 |

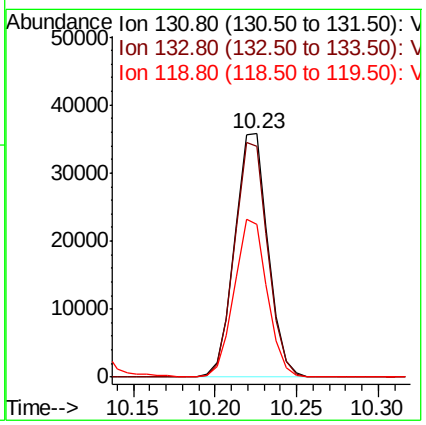


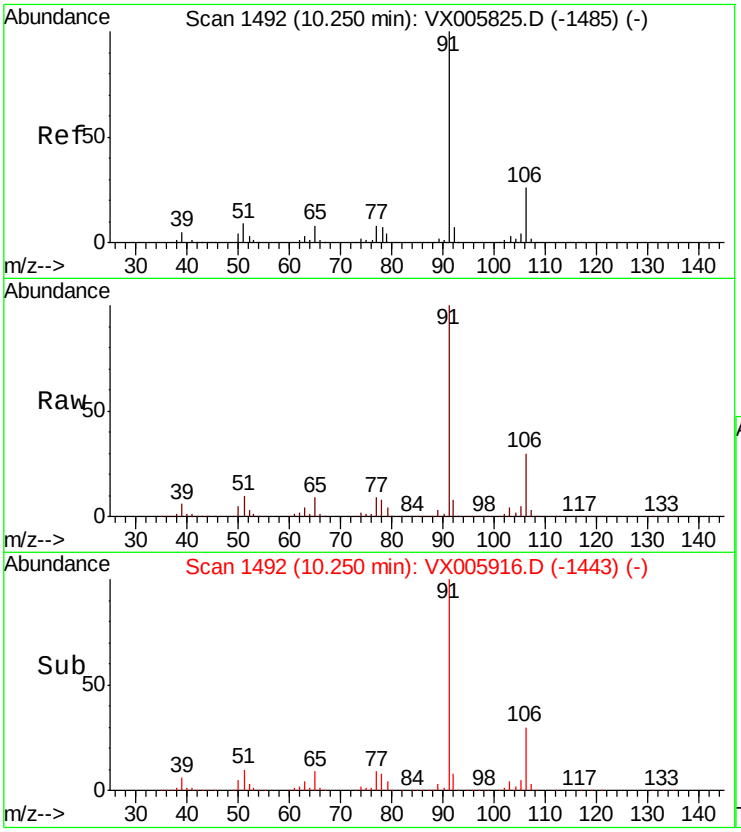




#66
1,1,1,2-Tetrachloroethane
Concen: 53.760 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:131 Resp: 50951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.8 | 47.5 | 142.5 |
| 119 | 63.8 | 31.8 | 95.3 |



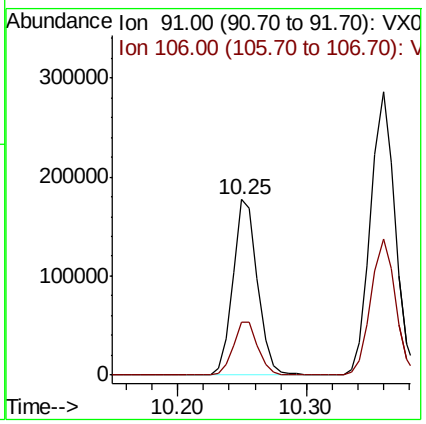


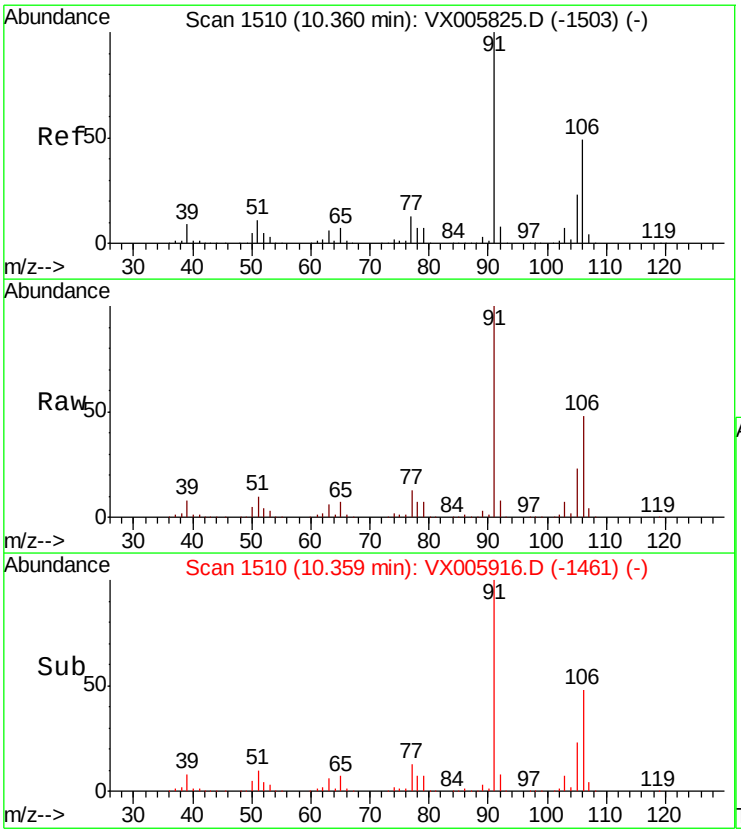

#67
Ethyl Benzene
Concen: 54.145 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 91 Resp: 236689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.4 | 24.4 | 36.6 |

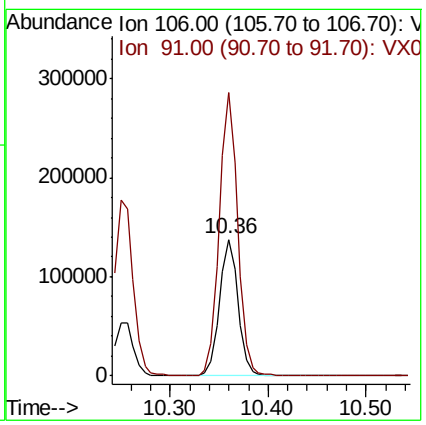


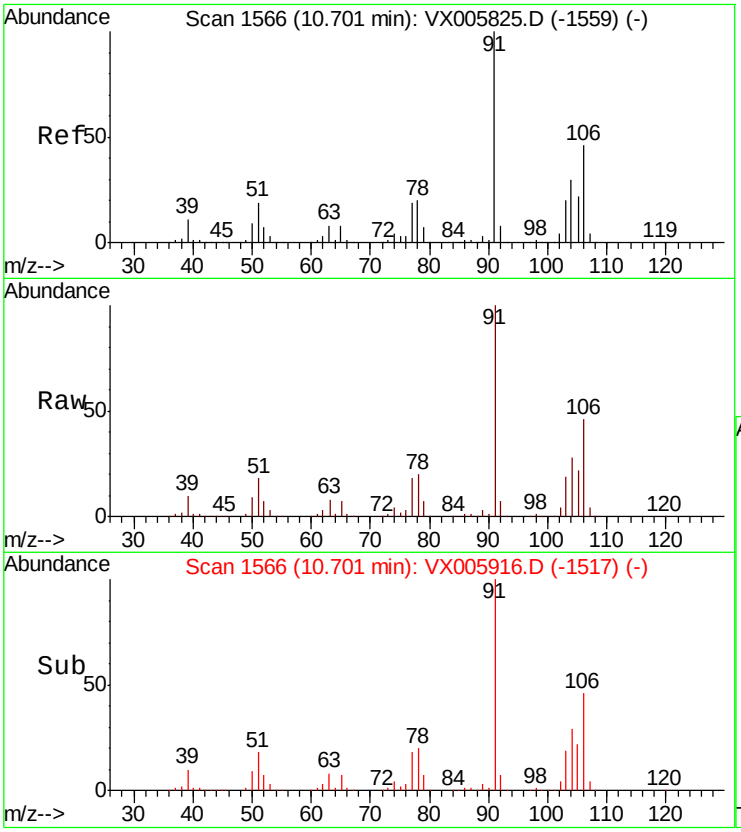




#68
m/p-Xylenes
Concen: 108.702 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:106 Resp: 181251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 206.8 | 164.2 | 246.4 |



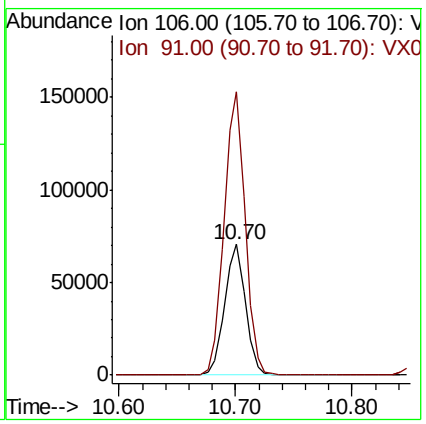


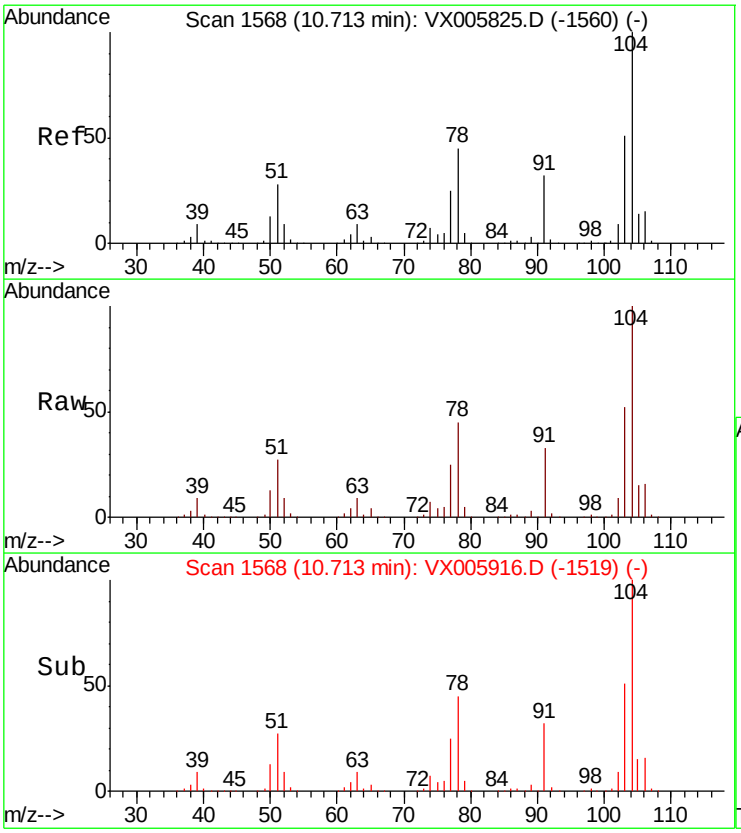

#69
o-Xylene
Concen: 58.607 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion:106 Resp: 87627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 218.4 | 108.5 | 325.5 |

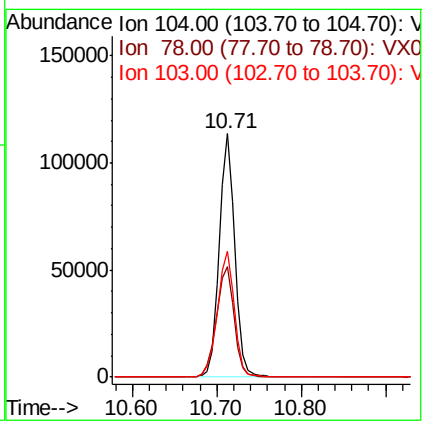


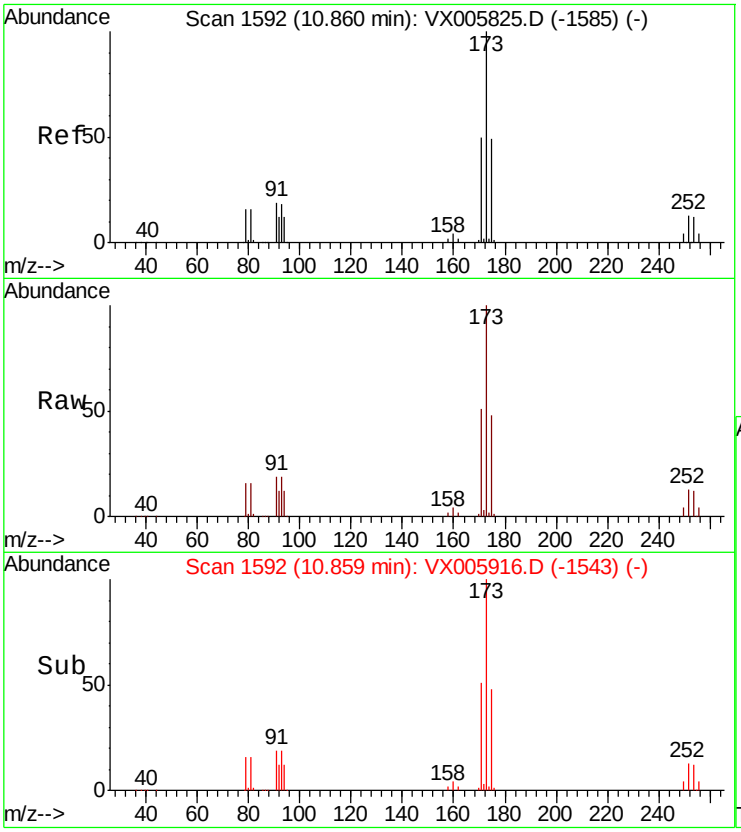




#70
Styrene
Concen: 59.253 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:104 Resp: 146146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 51.9 | 40.2 | 60.4 |
| 103 | 56.3 | 44.9 | 67.3 |



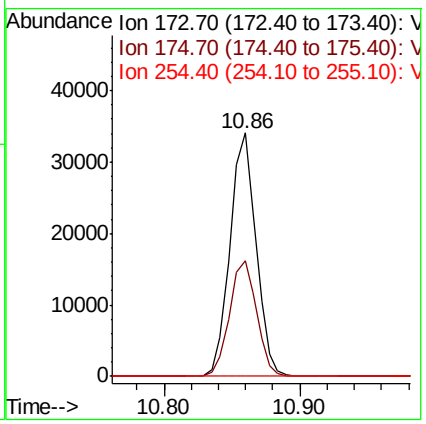


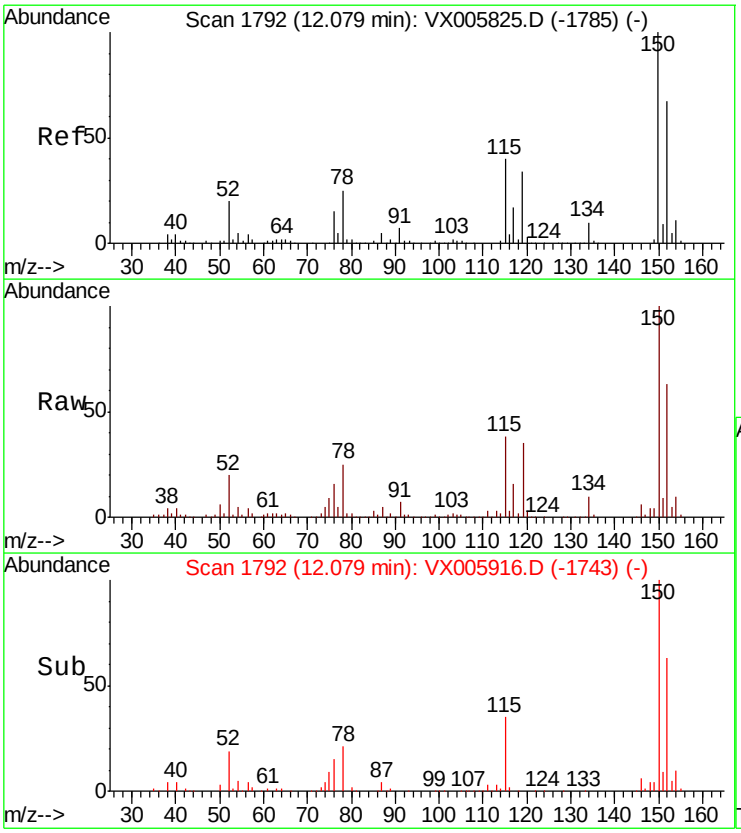

#71
Bromoform
Concen: 57.100 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion:173 Resp: 45365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.1 | 24.8 | 74.3 |
| 254 | 0.1 | 0.2 | 0.2# |

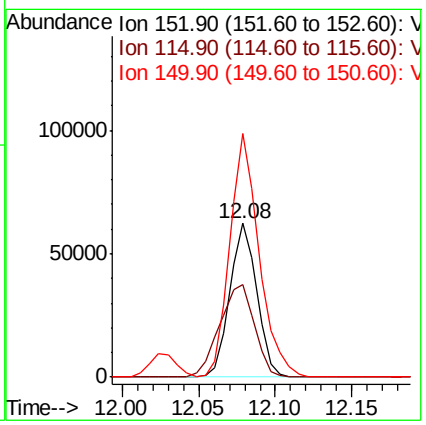


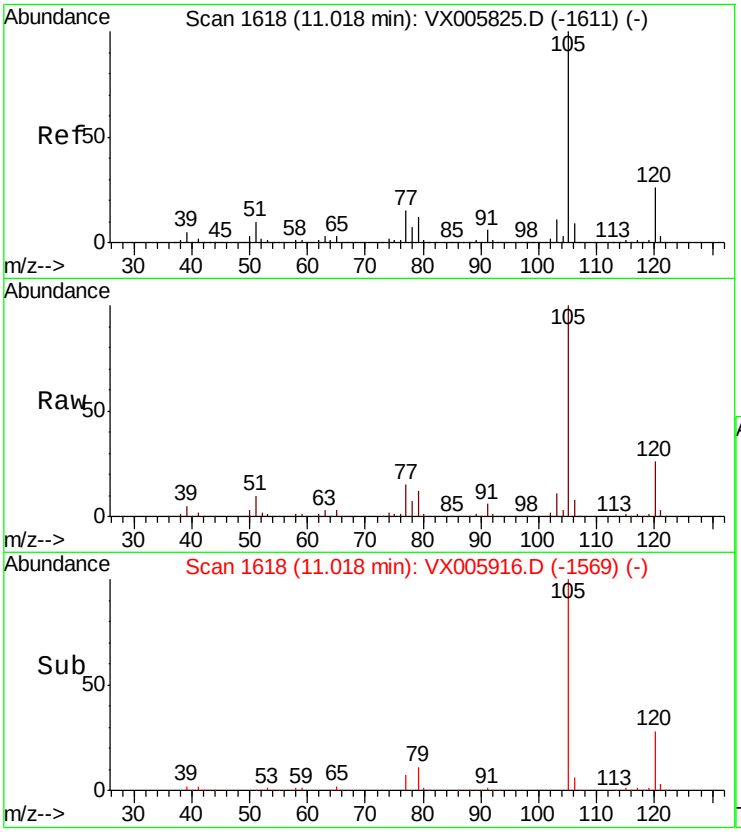




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:152 Resp: 75940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 77.8 | 39.4 | 118.1 |
| 150 | 172.7 | 0.0 | 346.4 |



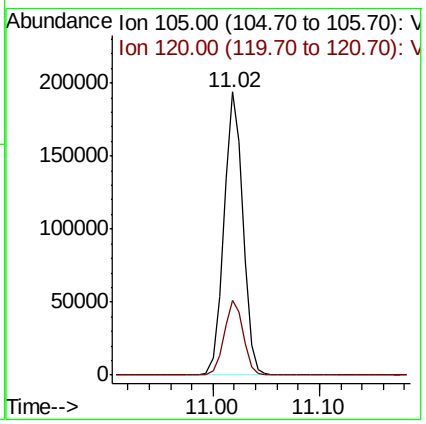


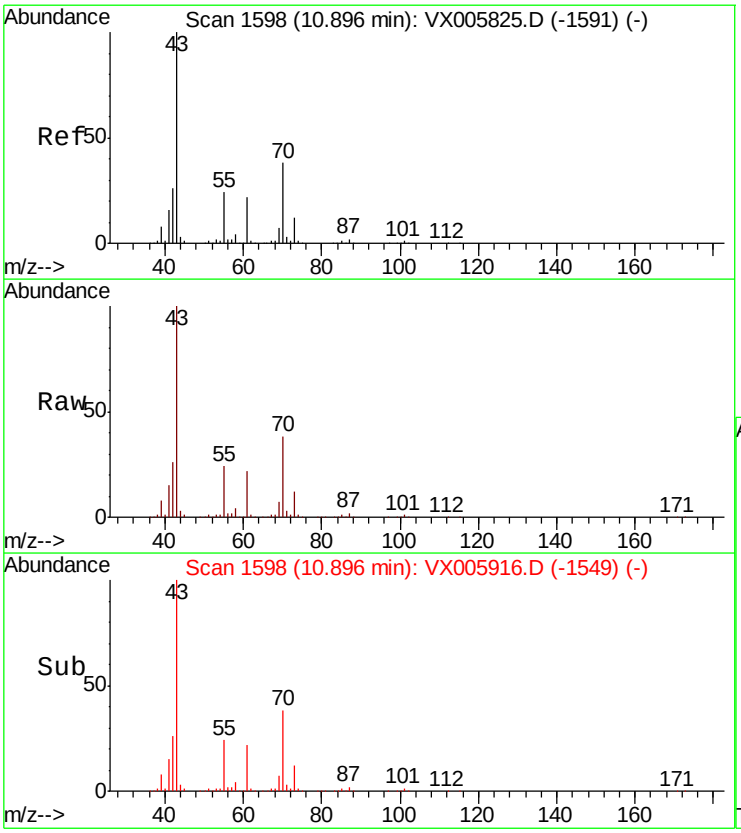

#73
Isopropylbenzene
Concen: 55.010 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :** MSVOA_X
**ClientSampleId :** SS003MW273-181108MSD

Tgt Ion:105 Resp: 241576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.3 | 13.1 | 39.3 |

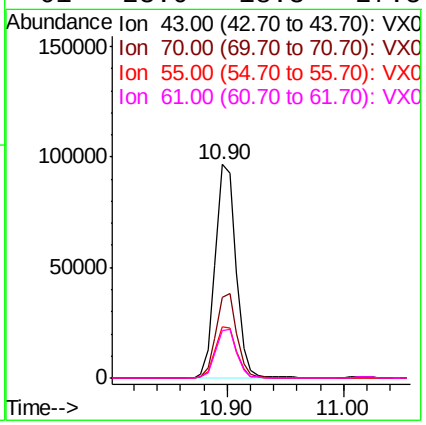


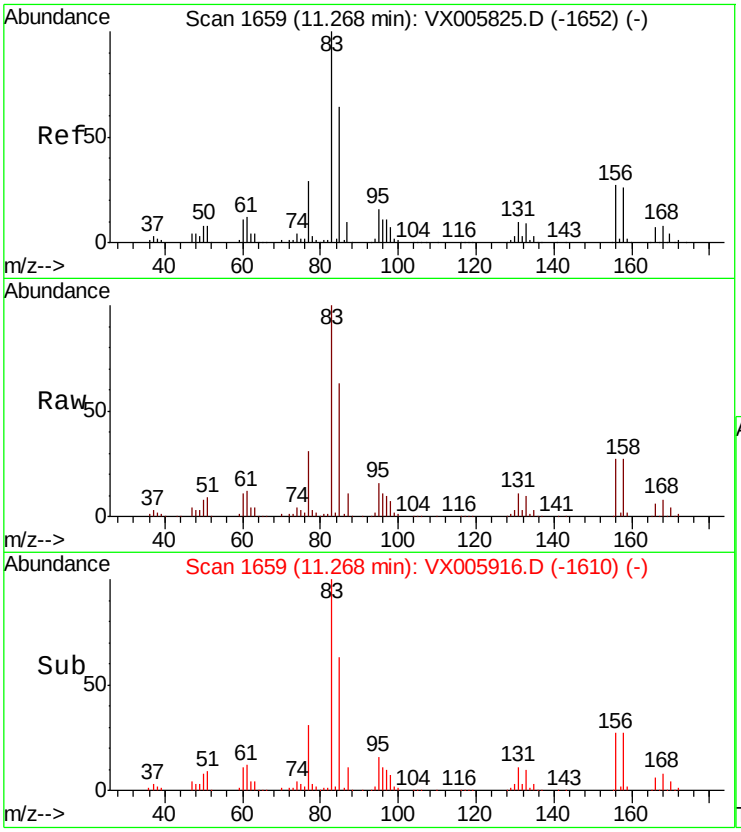




#74
N-amyl acetate
Concen: 48.157 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 43 Resp: 118544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 39.5 | 31.6 | 47.4 |
| 55 | 24.4 | 19.7 | 29.5 |
| 61 | 23.0 | 18.3 | 27.5 |



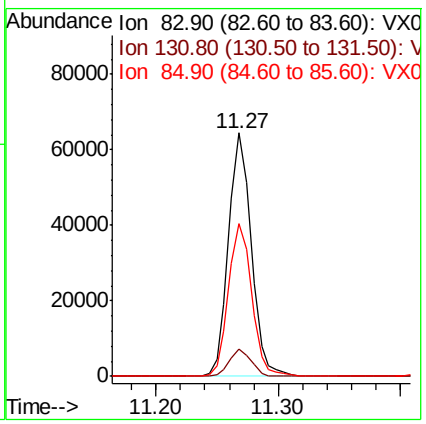


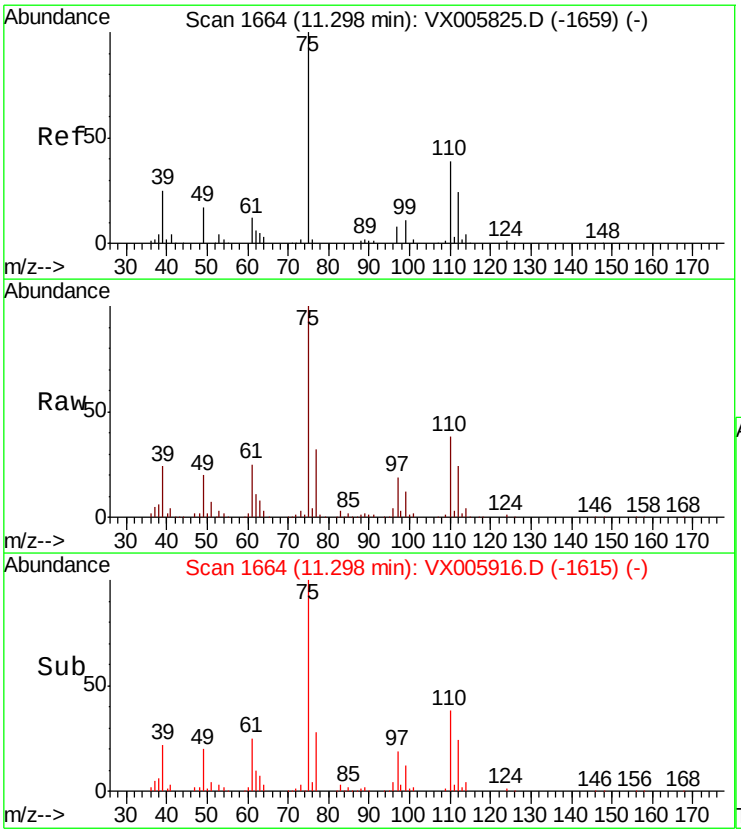

#75
1,1,2,2-Tetrachloroethane
Concen: 51.380 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 83 Resp: 82819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.7 | 5.3 | 15.9 |
| 85 | 64.0 | 32.0 | 96.2 |

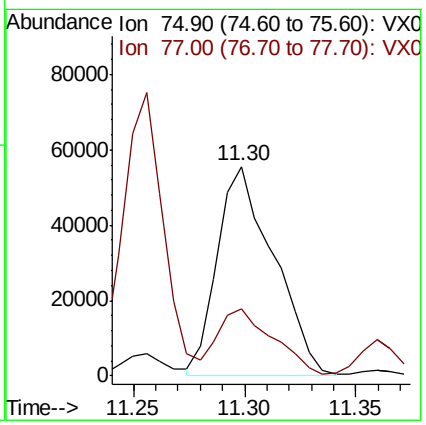


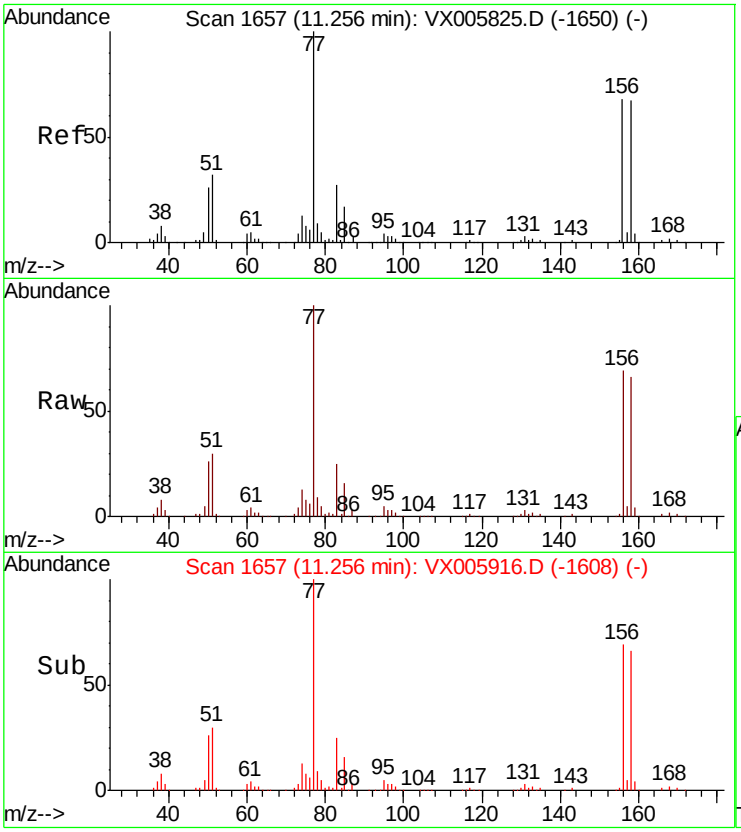




#76
1,2,3-Trichloropropane
Concen: 63.402 ug/l
RT: 11.30 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 75 Resp: 98039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 20.5 | 61.6 |



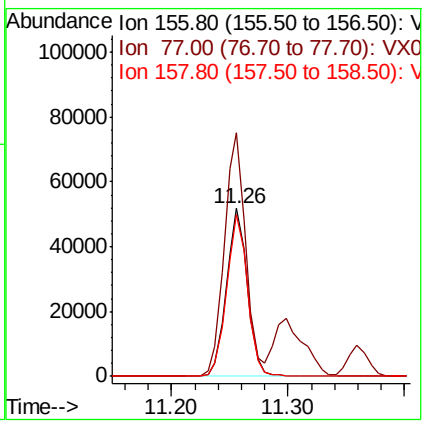


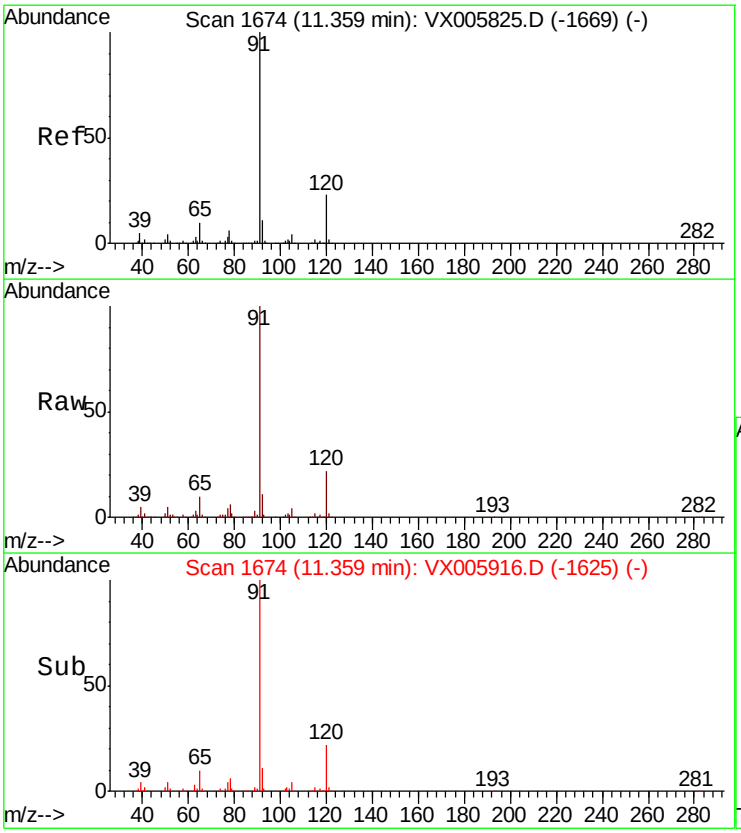

#77
Bromobenzene
Concen: 51.957 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion:156 Resp: 64312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 148.2 | 74.8 | 224.4 |
| 158 | 96.7 | 49.1 | 147.3 |

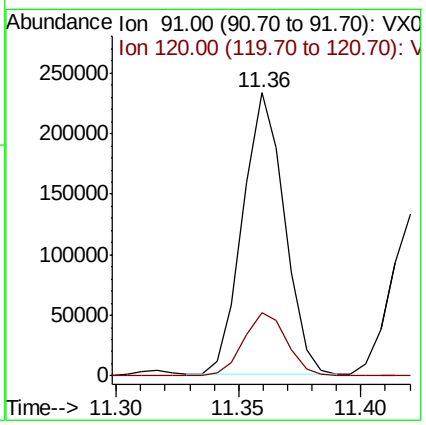


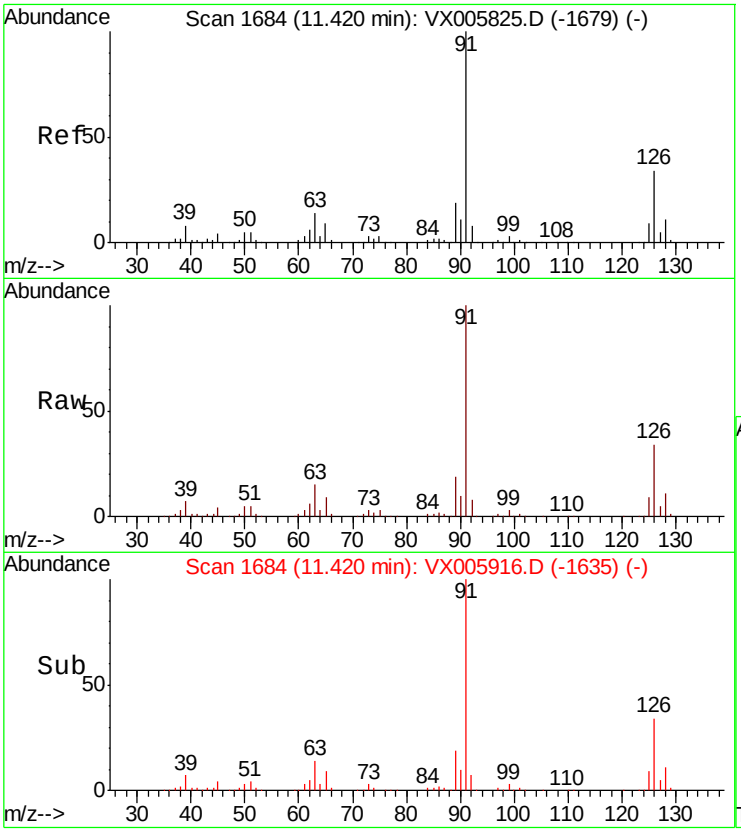




#78
n-propylbenzene
Concen: 53.393 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 91 Resp: 276337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.2 | 11.9 | 35.5 |



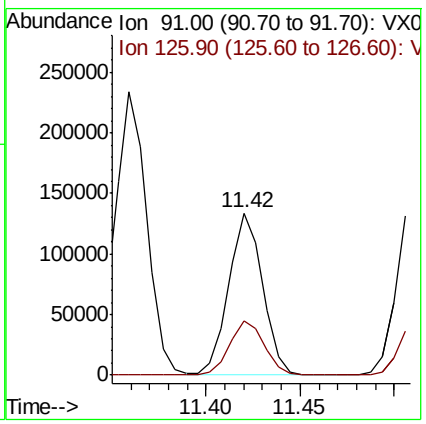


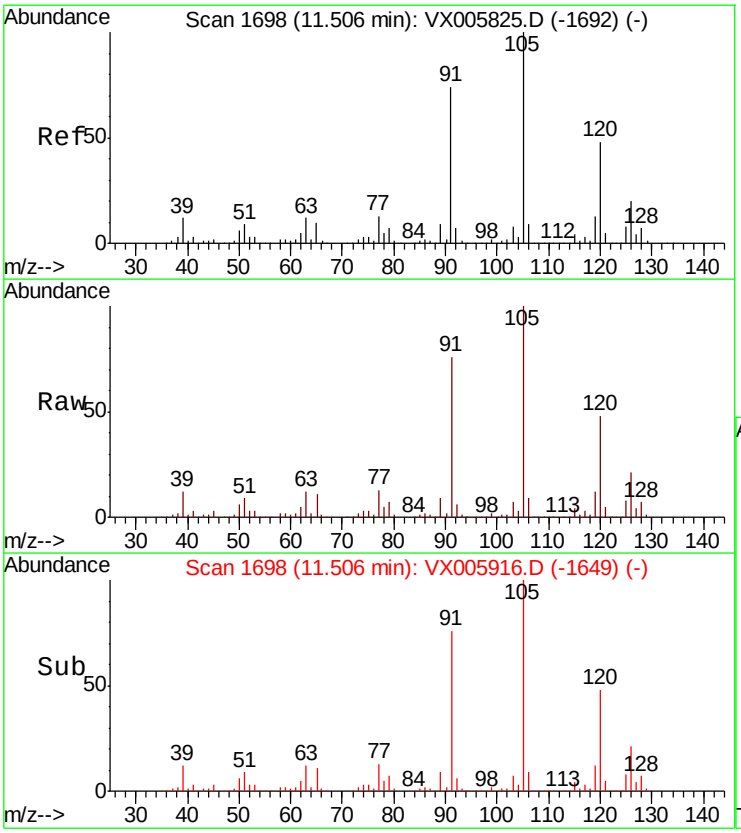

#79
2-Chlorotoluene
Concen: 53.134 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 91 Resp: 166217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.4 | 17.3 | 52.0 |

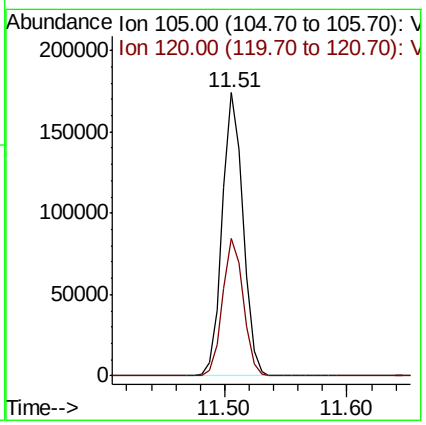


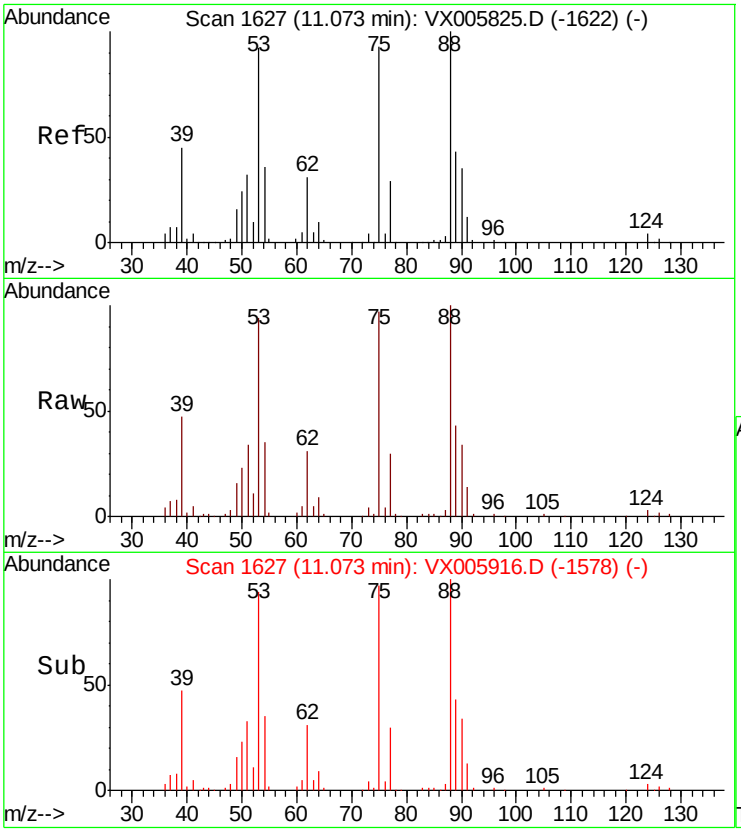




#80
1,3,5-Trimethylbenzene
Concen: 54.896 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:105 Resp: 204864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.3 | 24.1 | 72.2 |



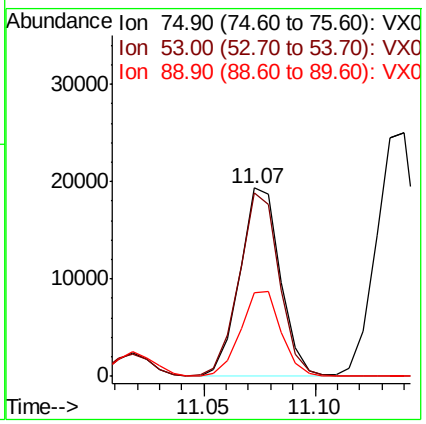


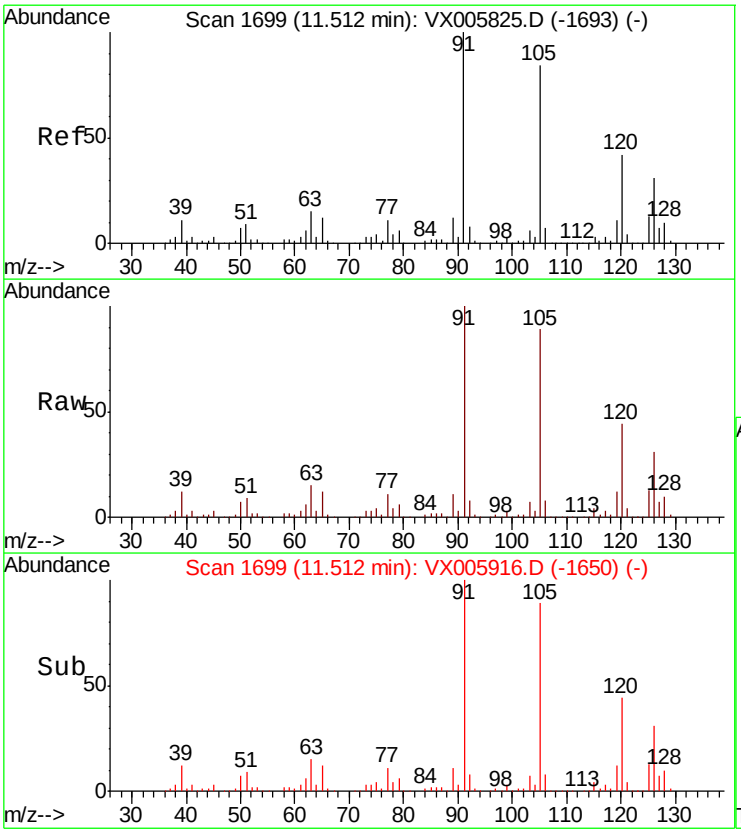

#81
trans-1,4-Dichloro-2-butene
Concen: 50.884 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 75 Resp: 24687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 96.5 | 80.2 | 120.2 |
| 89 | 44.9 | 39.8 | 59.8 |

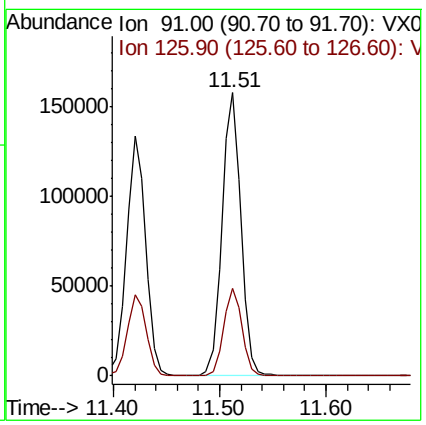


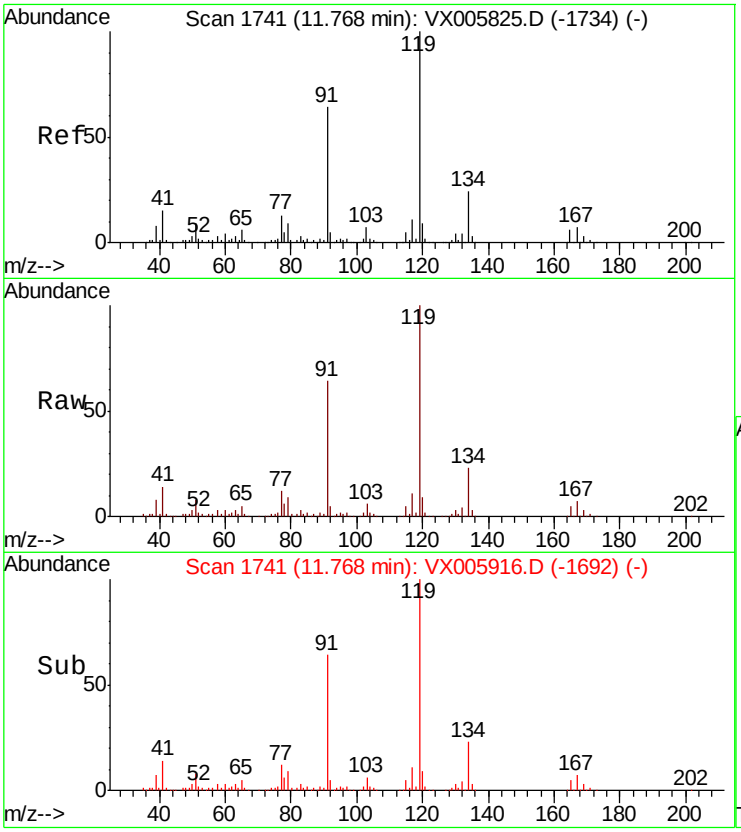




#82
4-Chlorotoluene
Concen: 53.181 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 91 Resp: 196069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.2 | 15.2 | 45.6 |



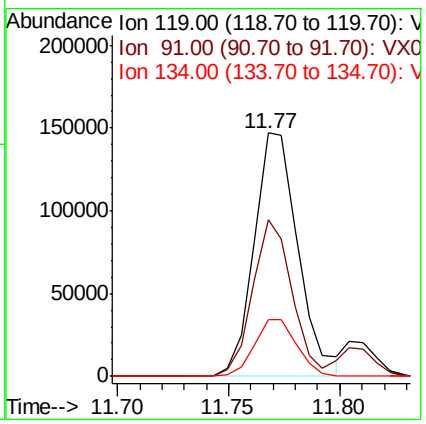


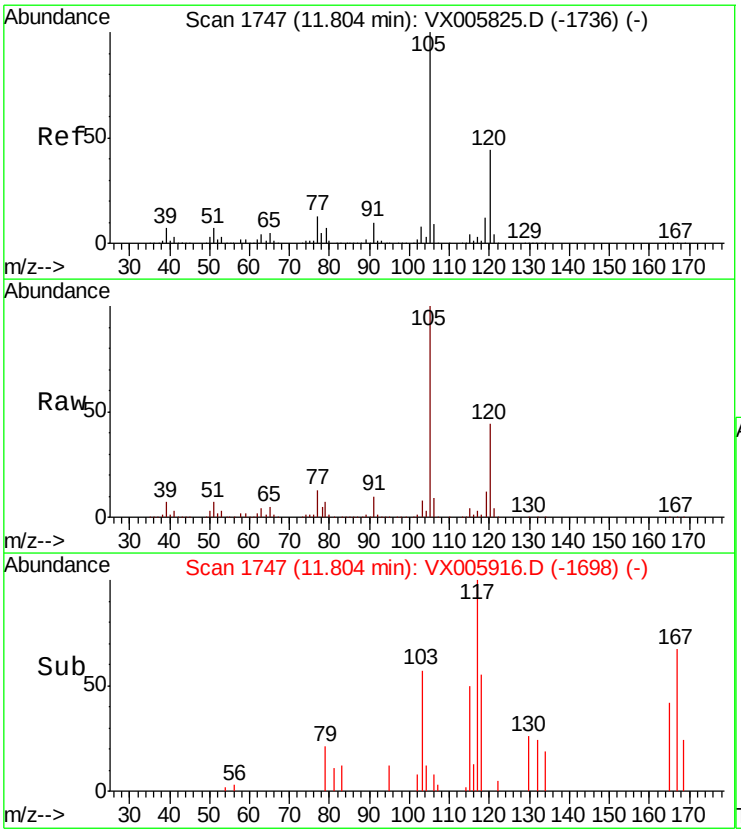

#83
tert-Butylbenzene
Concen: 53.687 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion:119 Resp: 202692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 57.5 | 28.5 | 85.5 |
| 134 | 22.5 | 11.3 | 33.8 |

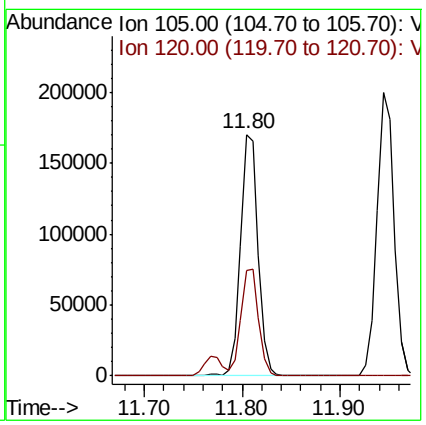


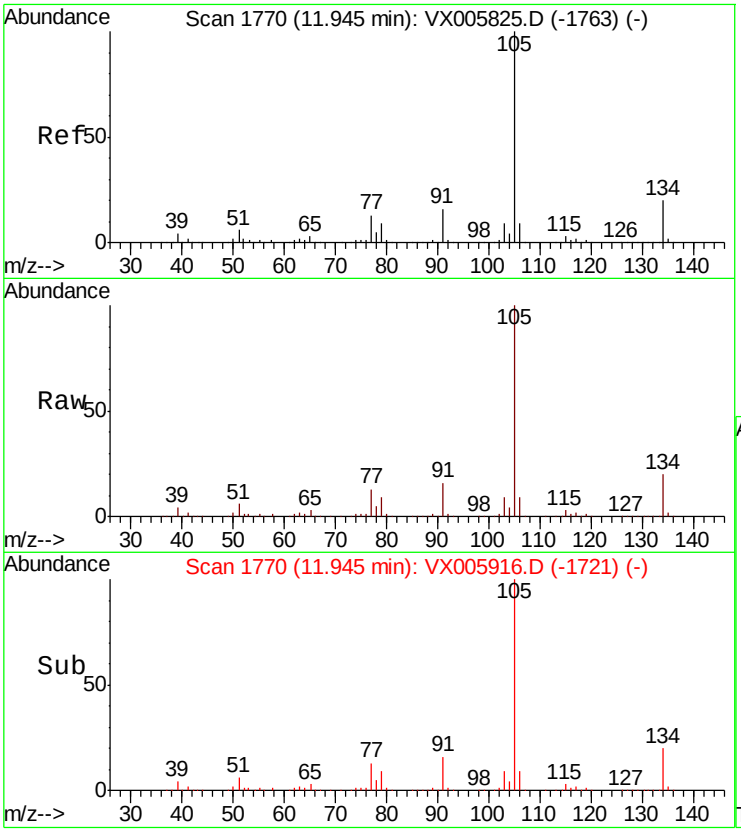




#84
1,2,4-Trimethylbenzene
Concen: 51.407 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:105 Resp: 211703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.3 | 22.4 | 67.0 |



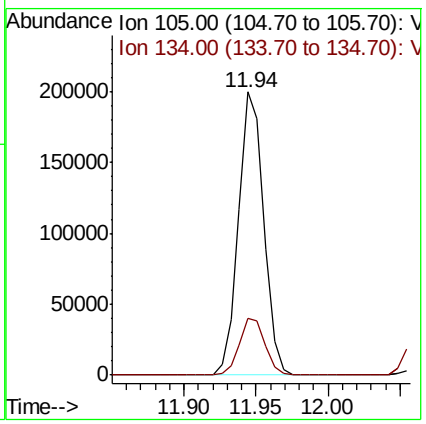


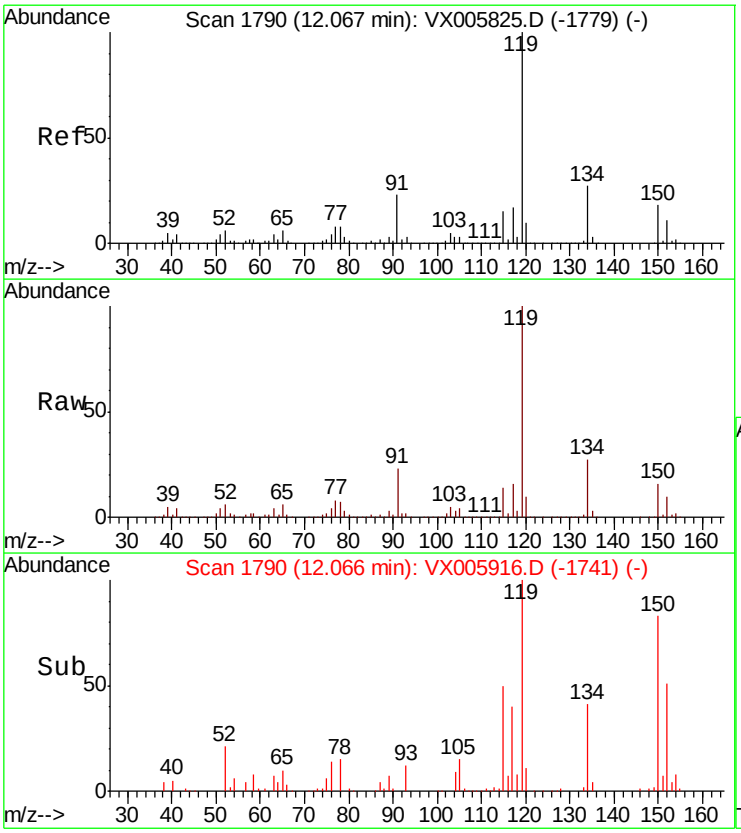

#85
sec-Butylbenzene
Concen: 52.575 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion:105 Resp: 242731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.6 | 10.2 | 30.4 |

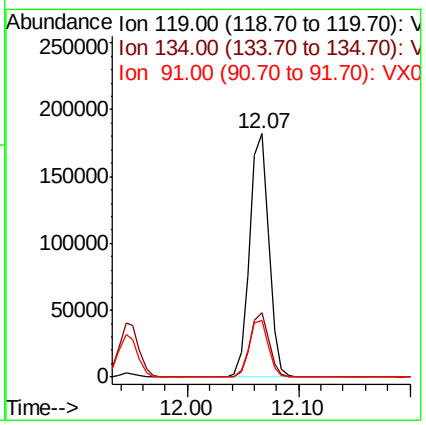


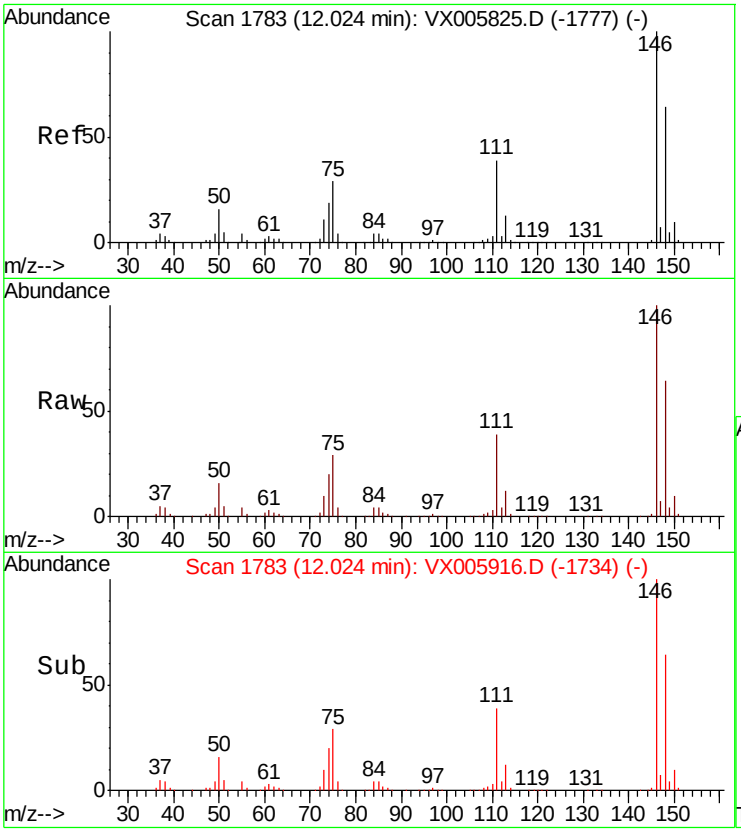




#86
p-Isopropyltoluene
Concen: 53.353 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:119 Resp: 218185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.1 | 13.0 | 39.0 |
| 91 | 23.5 | 11.4 | 34.2 |



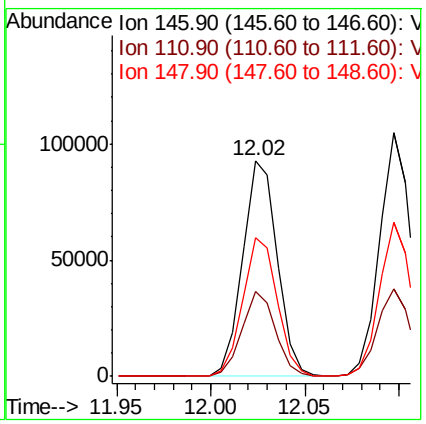


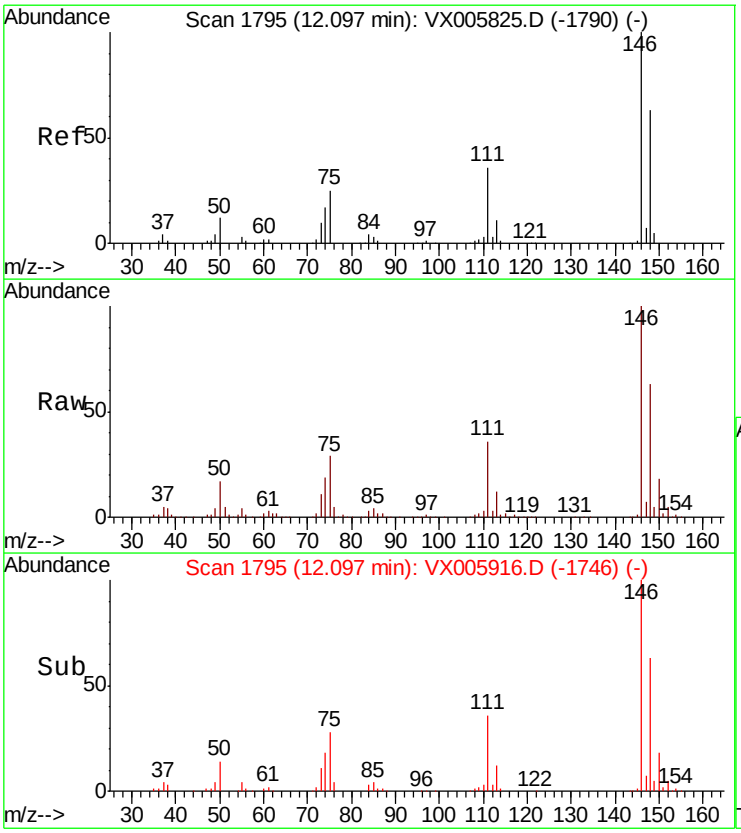

#87
1,3-Dichlorobenzene
Concen: 49.781 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion:146 Resp: 118255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.3 | 19.0 | 57.0 |
| 148 | 64.0 | 31.9 | 95.9 |

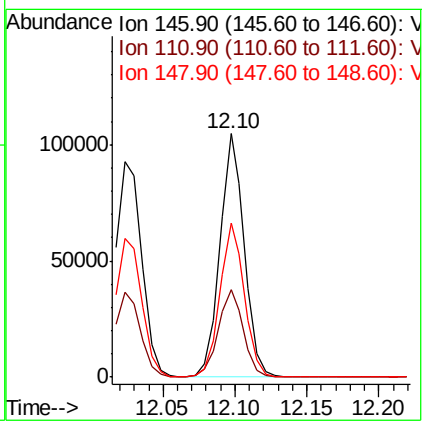


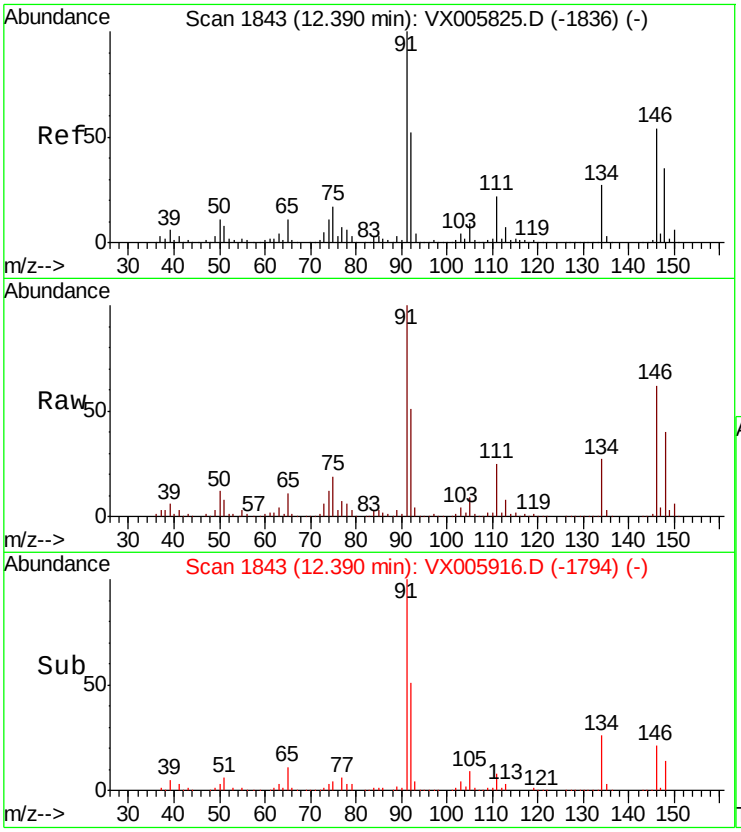




#88
1,4-Dichlorobenzene
Concen: 51.051 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:146 Resp: 124146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.4 | 18.6 | 55.8 |
| 148 | 64.0 | 32.1 | 96.3 |



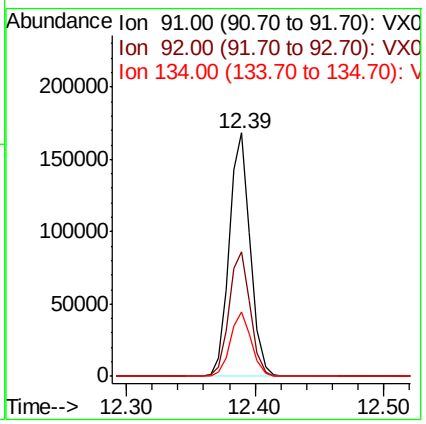


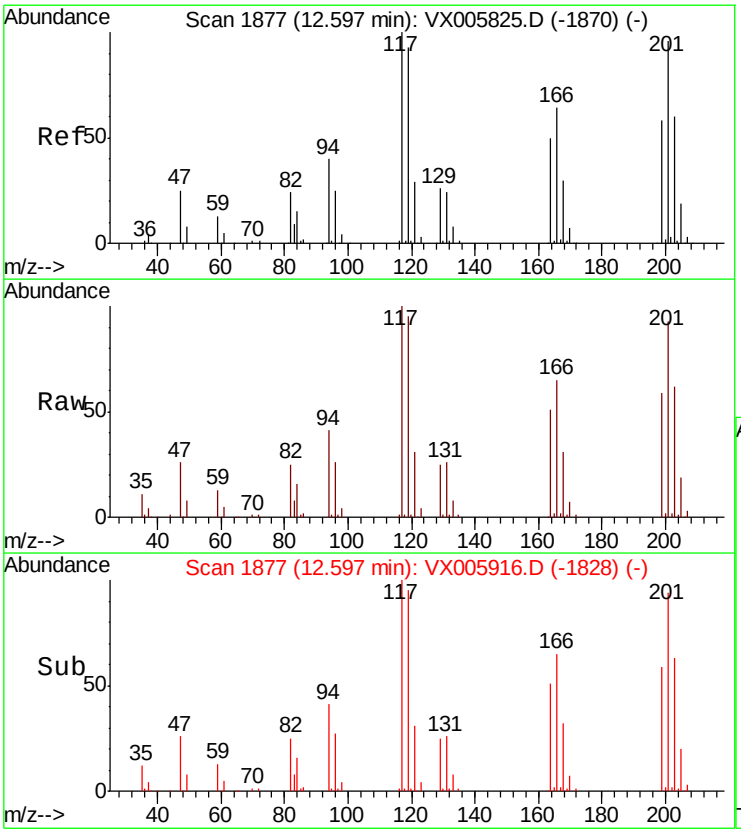

#89
n-Butylbenzene
Concen: 50.534 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion: 91 Resp: 191531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.1 | 26.1 | 78.2 |
| 134 | 26.3 | 13.1 | 39.3 |

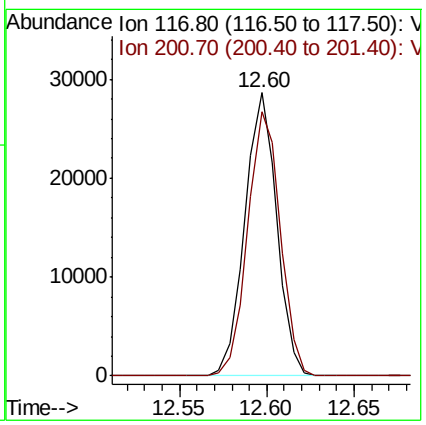


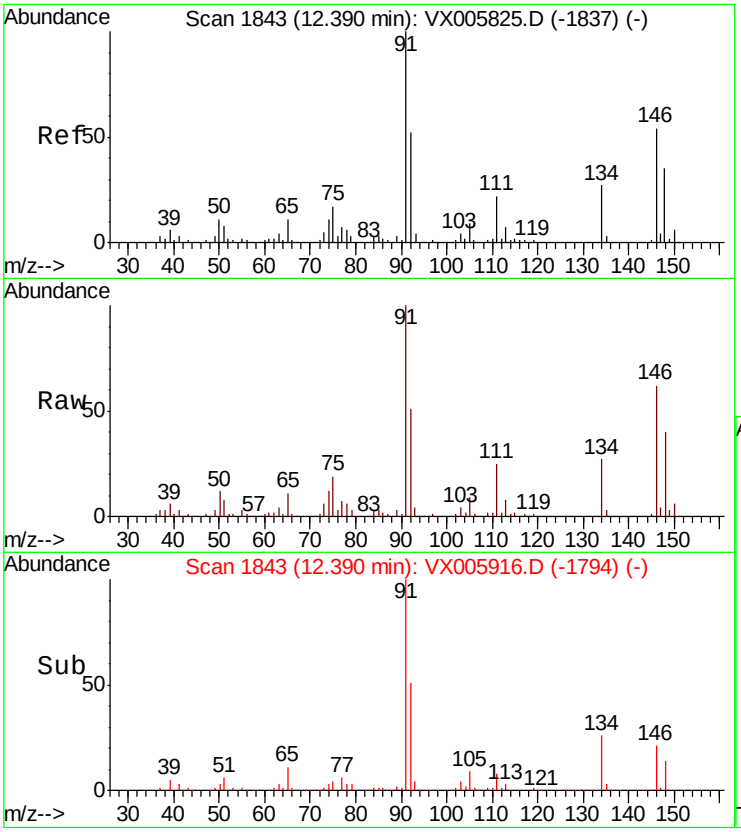




#90
Hexachloroethane
Concen: 53.024 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:117 Resp: 36203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 95.4 | 47.9 | 143.6 |



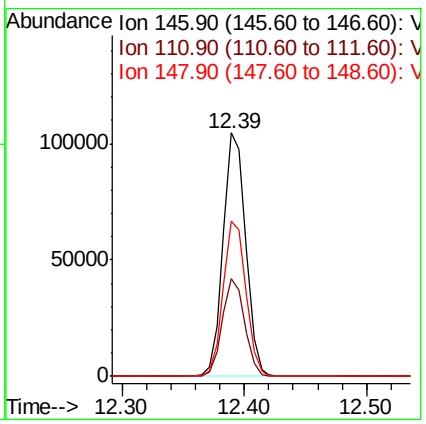


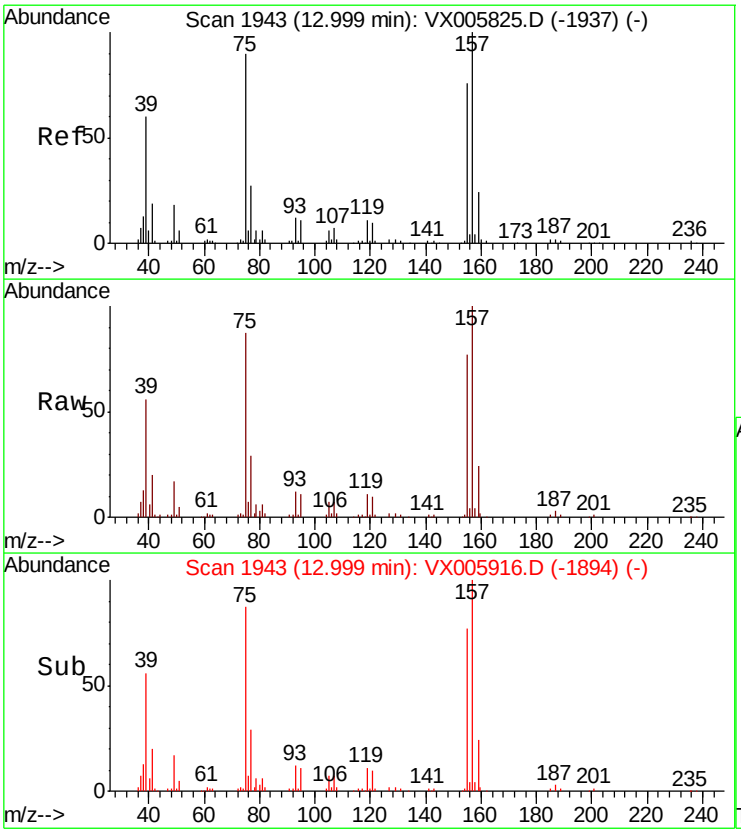

#91
1,2-Dichlorobenzene
Concen: 56.095 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion:146 Resp: 133491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.8 | 20.0 | 59.9 |
| 148 | 64.2 | 32.2 | 96.6 |

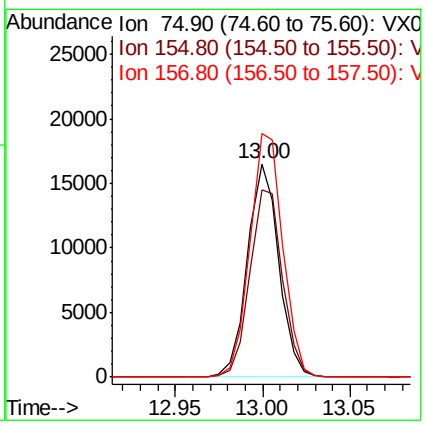


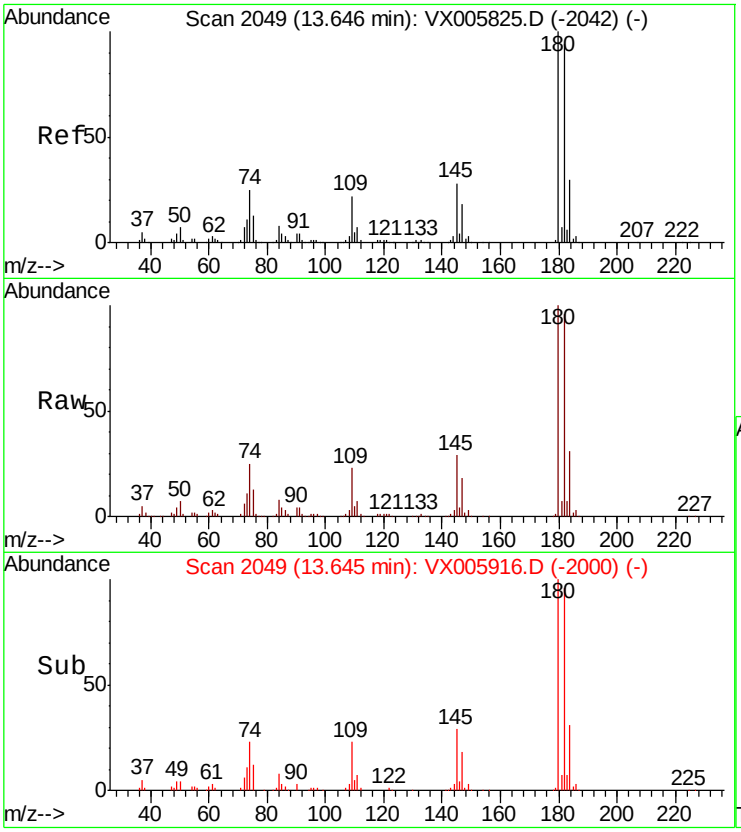




#92
1,2-Dibromo-3-Chloropropane
Concen: 52.118 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 75 Resp: 20500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 91.3 | 45.4 | 136.1 |
| 157 | 119.8 | 57.4 | 172.0 |



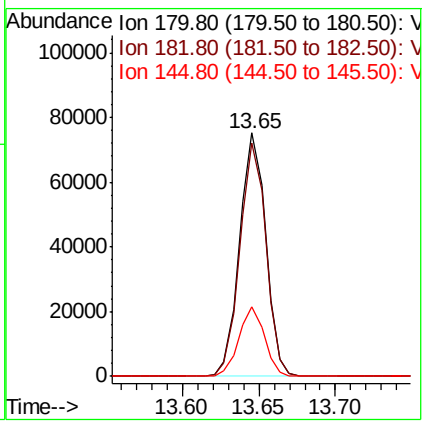


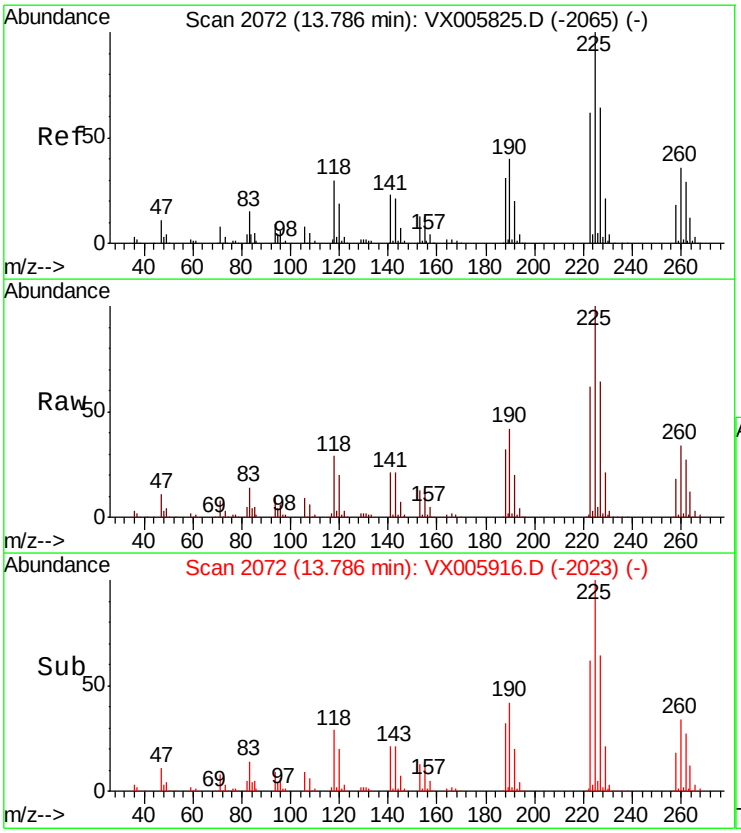

#93
1,2,4-Trichlorobenzene
Concen: 53.236 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion:180 Resp: 89184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.5 | 47.6 | 142.8 |
| 145 | 27.8 | 14.1 | 42.2 |

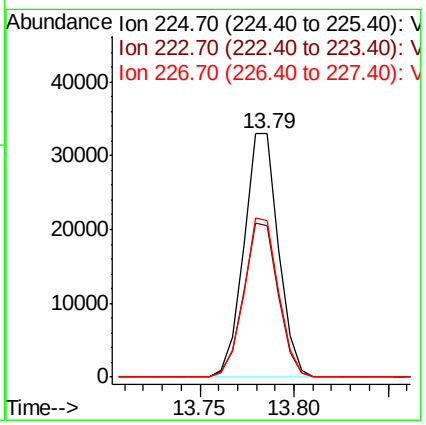


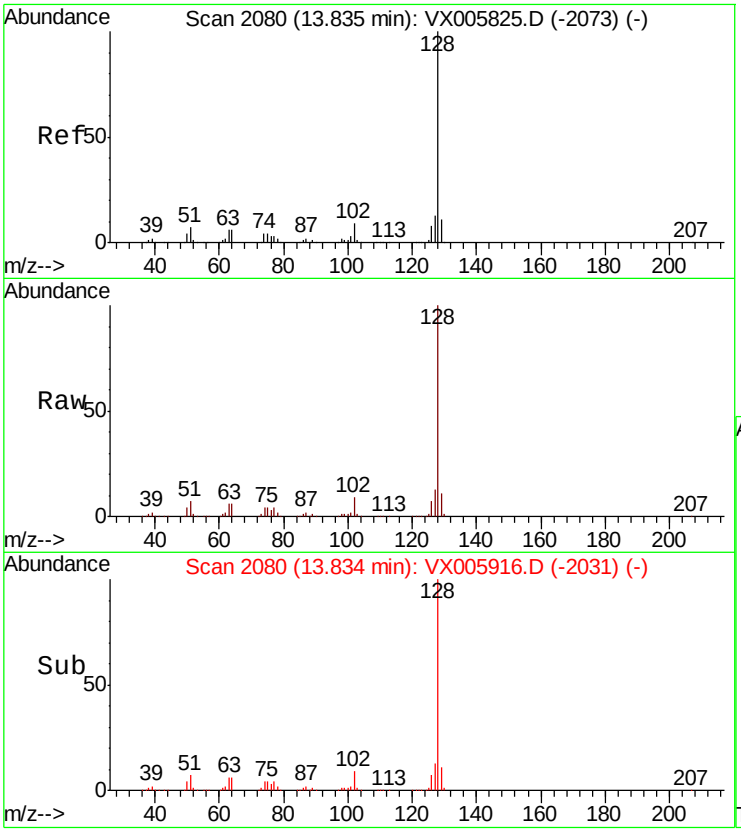




#94
Hexachlorobutadiene
Concen: 47.421 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:225 Resp: 41731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.4 | 31.7 | 95.1 |
| 227 | 65.2 | 32.3 | 96.9 |



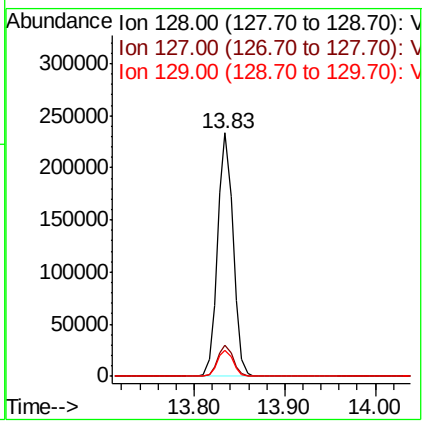


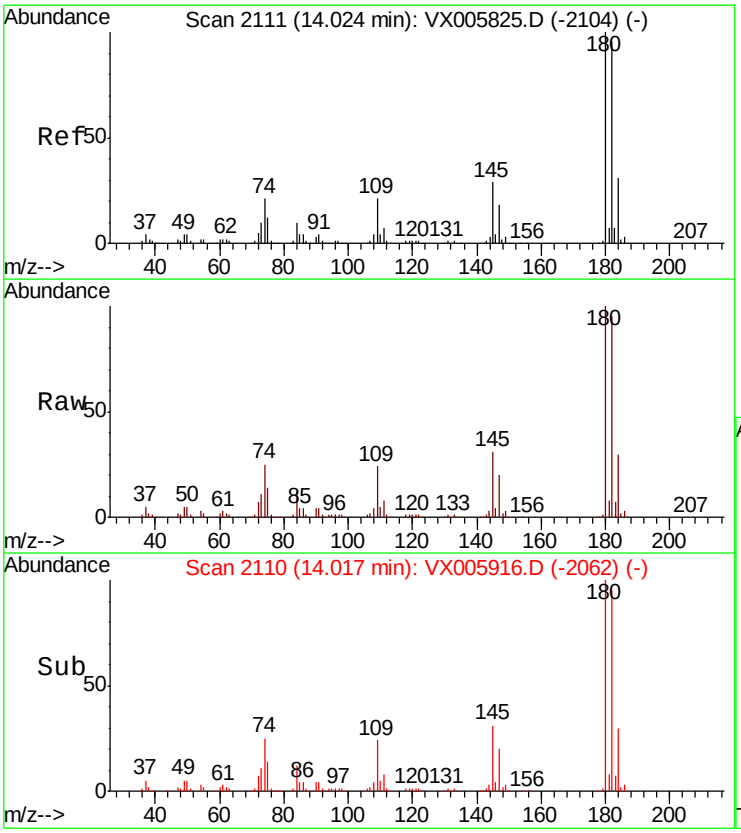

#95
Naphthalene
Concen: 50.996 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS003MW273-181108MSD

Tgt Ion:128 Resp: 278742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.0 | 10.4 | 15.6 |
| 129 | 11.0 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 53.455 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:180 Resp: 91233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.1 | 48.0 | 144.2 |
| 145 | 29.8 | 15.1 | 45.3 |