Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121118\
Data File : VX006435.D
Acq On : 11 Dec 2018 21:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Dec 12 04:39:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 605918 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 923351 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 842878 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 440617 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 317860 | 51.39 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.78% | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 303100 | 50.70 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.40% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 1085323 | 49.91 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.82% | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 418164 | 51.03 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.06% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 295737 | 49.848 | ug/l | 100 |
| 3) Chloromethane | 1.33 | 50 | 281158 | 46.116 | ug/l | 94 |
| 4) Vinyl Chloride | 1.41 | 62 | 313098 | 47.716 | ug/l | 97 |
| 5) Bromomethane | 1.64 | 94 | 267011 | 58.717 | ug/l | 99 |
| 6) Chloroethane | 1.71 | 64 | 197639 | 49.125 | ug/l | 99 |
| 7) Trichlorofluoromethane | 1.93 | 101 | 492926 | 48.939 | ug/l | 98 |
| 8) Diethyl Ether | 2.19 | 74 | 192676 | 50.545 | ug/l | 94 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 286470 | 50.018 | ug/l | 98 |
| 10) Methyl Iodide | 2.51 | 142 | 450583 | 52.204 | ug/l | 98 |
| 11) Tert butyl alcohol | 3.08 | 59 | 402487 | 237.935 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 267596 | 48.807 | ug/l | 93 |
| 13) Acrolein | 2.30 | 56 | 226795 | 245.301 | ug/l | 98 |
| 14) Allyl chloride | 2.73 | 41 | 478227 | 44.155 | ug/l | 99 |
| 15) Acrylonitrile | 3.15 | 53 | 882139 | 249.903 | ug/l | 100 |
| 16) Acetone | 2.45 | 43 | 729637 | 251.357 | ug/l | 97 |
| 17) Carbon Disulfide | 2.57 | 76 | 648127 | 38.363 | ug/l | 100 |
| 18) Methyl Acetate | 2.78 | 43 | 519589 | 53.524 | ug/l | 98 |
| 19) Methyl tert-butyl Ether | 3.21 | 73 | 983763 | 50.297 | ug/l | 98 |
| 20) Methylene Chloride | 2.86 | 84 | 304518 | 49.292 | ug/l | 94 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 284452 | 48.685 | ug/l | 90 |
| 22) Diisopropyl ether | 3.87 | 45 | 860268 | 50.853 | ug/l | 98 |
| 23) Vinyl Acetate | 3.82 | 43 | 3507481 | 243.091 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 505111 | 52.239 | ug/l | 98 |
| 25) 2-Butanone | 4.70 | 43 | 1074262 | 259.367 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 4.59 | 77 | 379533 | 42.531 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 333806 | 51.219 | ug/l | 97 |
| 28) Bromochloromethane | 5.02 | 49 | 218446 | 51.722 | ug/l | 99 |
| 29) Tetrahydrofuran | 5.15 | 42 | 715074 | 248.411 | ug/l | 97 |
| 30) Chloroform | 5.21 | 83 | 521863 | 51.358 | ug/l | 97 |
| 31) Cyclohexane | 5.57 | 56 | 417991 | 46.777 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 471299 | 48.748 | ug/l | 100 |
| 36) 1,1-Dichloropropene | 5.80 | 75 | 375679 | 48.315 | ug/l | 100 |
| 37) Ethyl Acetate | 4.85 | 43 | 412891 | 47.417 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.79 | 117 | 412634 | 45.110 | ug/l | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121118\
Data File : VX006435.D
Acq On : 11 Dec 2018 21:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Dec 12 04:39:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 468593 | 46.428 | ug/l | | 100 |
| 40) Benzene | 6.15 | 78 | 1149010 | 49.338 | ug/l | | 99 |
| 41) Methacrylonitrile | 5.06 | 41 | 227429 | 47.466 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 387328 | 50.818 | ug/l | | 99 |
| 43) Isopropyl Acetate | 6.46 | 43 | 672247 | 46.304 | ug/l | | 98 |
| 44) Trichloroethene | 7.21 | 130 | 343615 | 48.705 | ug/l | | 96 |
| 45) 1,2-Dichloropropane | 7.52 | 63 | 293425 | 49.575 | ug/l | | 100 |
| 46) Dibromomethane | 7.66 | 93 | 210246 | 49.184 | ug/l | | 98 |
| 47) Bromodichloromethane | 7.90 | 83 | 392837 | 47.455 | ug/l | | 100 |
| 48) Methyl methacrylate | 7.77 | 41 | 337209 | 47.744 | ug/l | | 98 |
| 49) 1,4-Dioxane | 7.76 | 88 | 171321 | 984.178 | ug/l | | 98 |
| 51) 4-Methyl-2-Pentanone | 8.65 | 43 | 2079761 | 246.078 | ug/l | | 98 |
| 52) Toluene | 8.79 | 92 | 763937 | 49.861 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 432403 | 44.664 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 465415 | 46.297 | ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 324249 | 52.093 | ug/l | | 99 |
| 56) Ethyl methacrylate | 9.18 | 69 | 480018 | 49.330 | ug/l | | 98 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 509516 | 51.766 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.32 | 63 | 1199669 | 242.951 | ug/l | | 99 |
| 59) 2-Hexanone | 9.49 | 43 | 1569496 | 243.066 | ug/l | | 99 |
| 60) Dibromochloromethane | 9.58 | 129 | 356800 | 46.487 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 349397 | 50.202 | ug/l | | 100 |
| 64) Tetrachloroethene | 9.33 | 164 | 309330 | 48.732 | ug/l | | 96 |
| 65) Chlorobenzene | 10.14 | 112 | 908144 | 50.756 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 333916 | 48.033 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.25 | 91 | 1486983 | 49.968 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.36 | 106 | 1183372 | 99.272 | ug/l | | 99 |
| 69) o-Xylene | 10.70 | 106 | 588740 | 50.001 | ug/l | | 98 |
| 70) Styrene | 10.71 | 104 | 945271 | 49.637 | ug/l | | 99 |
| 71) Bromoform | 10.86 | 173 | 276902 | 42.195 | ug/l | # | 100 |
| 73) Isopropylbenzene | 11.02 | 105 | 1554861 | 51.099 | ug/l | | 100 |
| 74) N-amyl acetate | 10.90 | 43 | 595212 | 45.425 | ug/l | | 97 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 485607 | 49.884 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.30 | 75 | 556651 | 65.453 | ug/l | | 88 |
| 77) Bromobenzene | 11.26 | 156 | 423275 | 50.125 | ug/l | | 99 |
| 78) n-propylbenzene | 11.36 | 91 | 1693057 | 50.055 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 1009403 | 50.210 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 1265119 | 49.970 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 147078 | 40.584 | ug/l | | 90 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 1147056 | 49.074 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.77 | 119 | 1344499 | 49.773 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105 | 1302799 | 49.835 | ug/l | | 98 |
| 85) sec-Butylbenzene | 11.94 | 105 | 1563278 | 50.870 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.07 | 119 | 1403588 | 50.723 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 753417 | 50.142 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 748835 | 49.102 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.39 | 91 | 1171034 | 49.597 | ug/l | | 99 |
| 90) Hexachloroethane | 12.60 | 117 | 244653 | 43.379 | ug/l | | 98 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 741279 | 49.709 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 106823 | 42.808 | ug/l | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
Data File : VX006435.D
Acq On : 11 Dec 2018 21:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Dec 12 04:39:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 533998 | 49.083 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 239789 | 49.838 | ug/l | 99 |
| 95) Naphthalene | 13.83 | 128 | 1709447 | 50.512 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 538789 | 50.000 | ug/l | 99 |

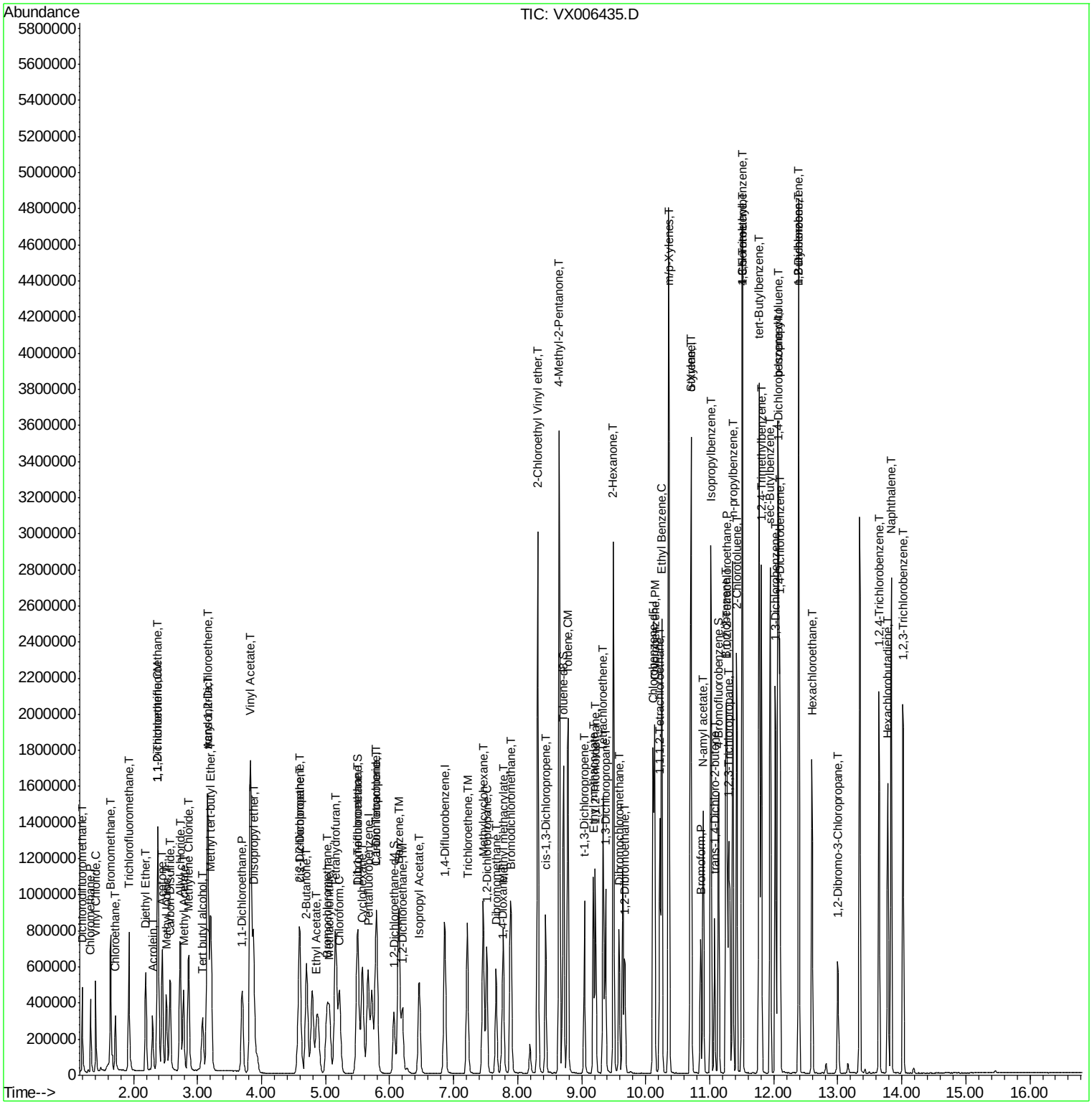
(#) = qualifier out of range (m) = manual integration (+) = signals summed

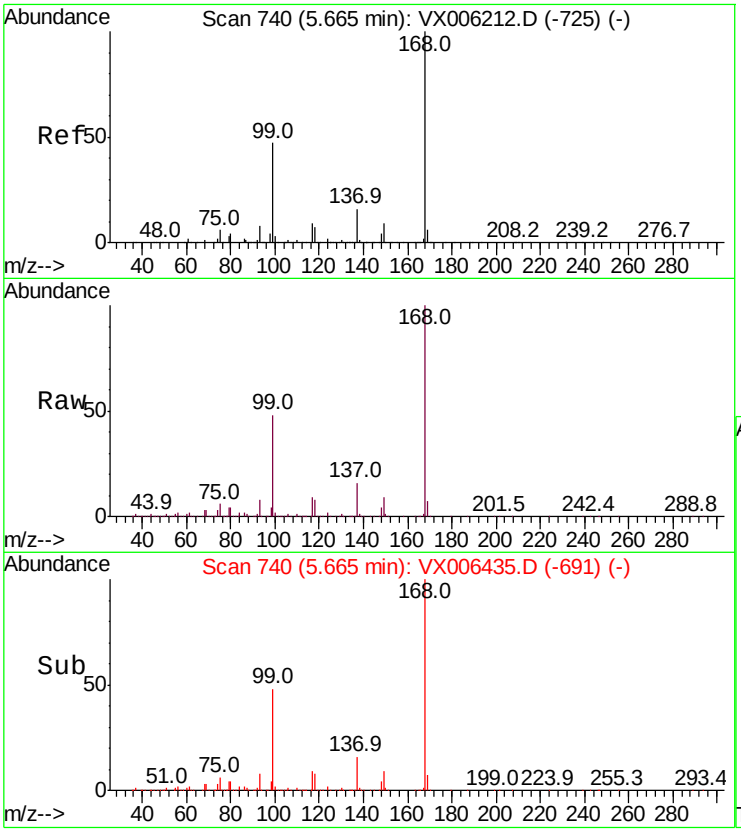
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121118\
Data File : VX006435.D
Acq On : 11 Dec 2018 21:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Dec 12 04:39:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration



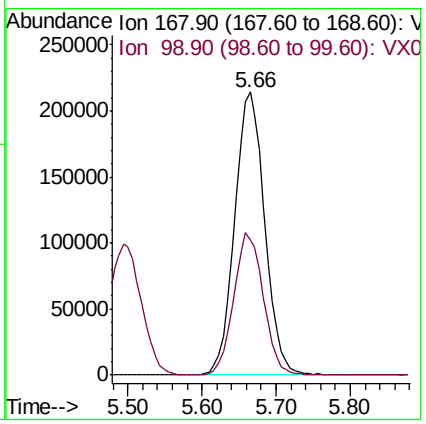


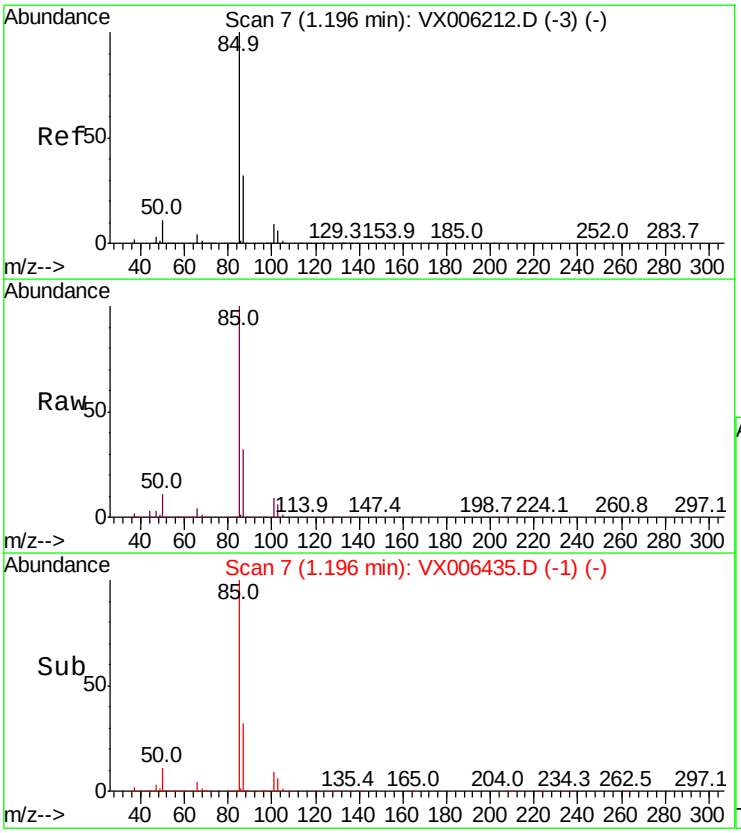

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion:168 Resp: 605918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 47.8 | 37.8 | 56.8 |

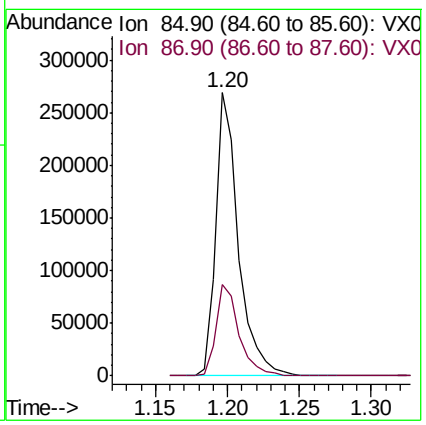


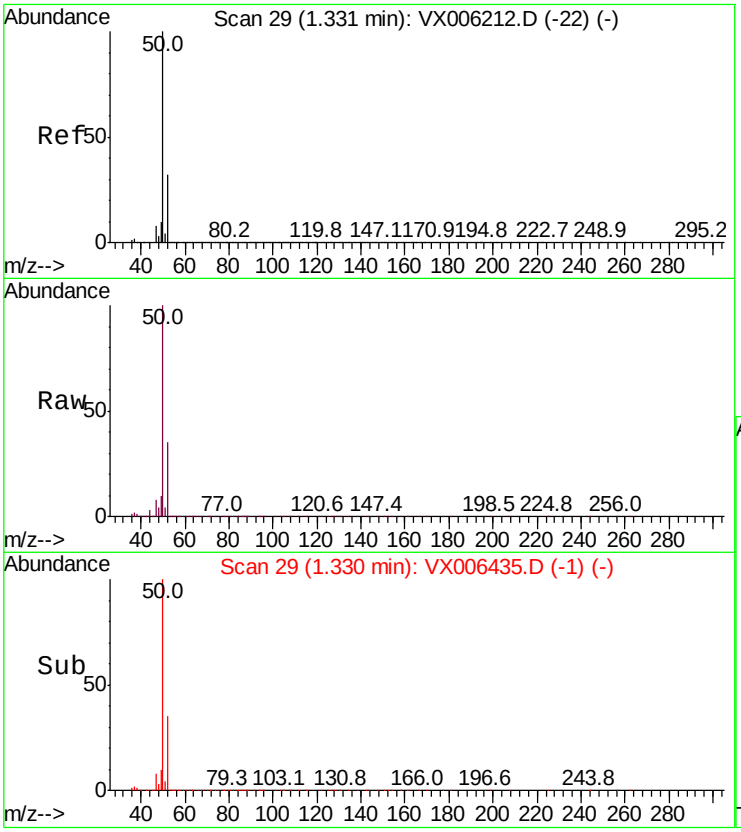




#2
Dichlorodifluoromethane
Concen: 49.848 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 85 Resp: 295737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.2 | 16.1 | 48.2 |



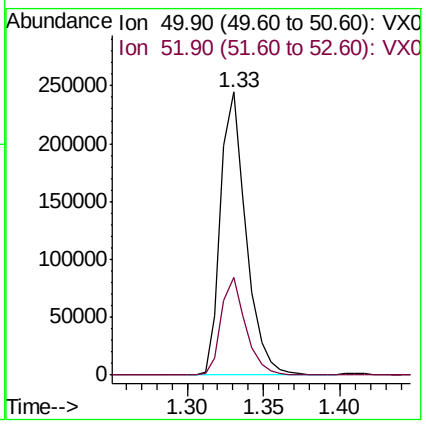


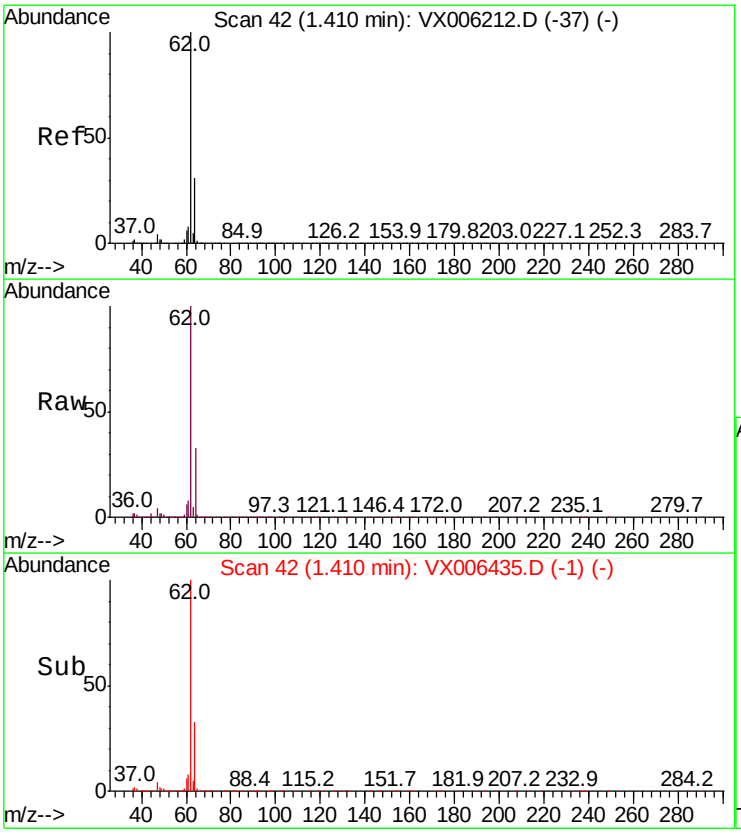

#3
Chloromethane
Concen: 46.116 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 50 Resp: 281158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 34.7 | 25.2 | 37.8 |

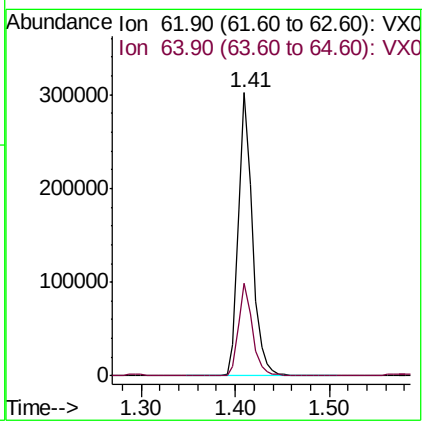


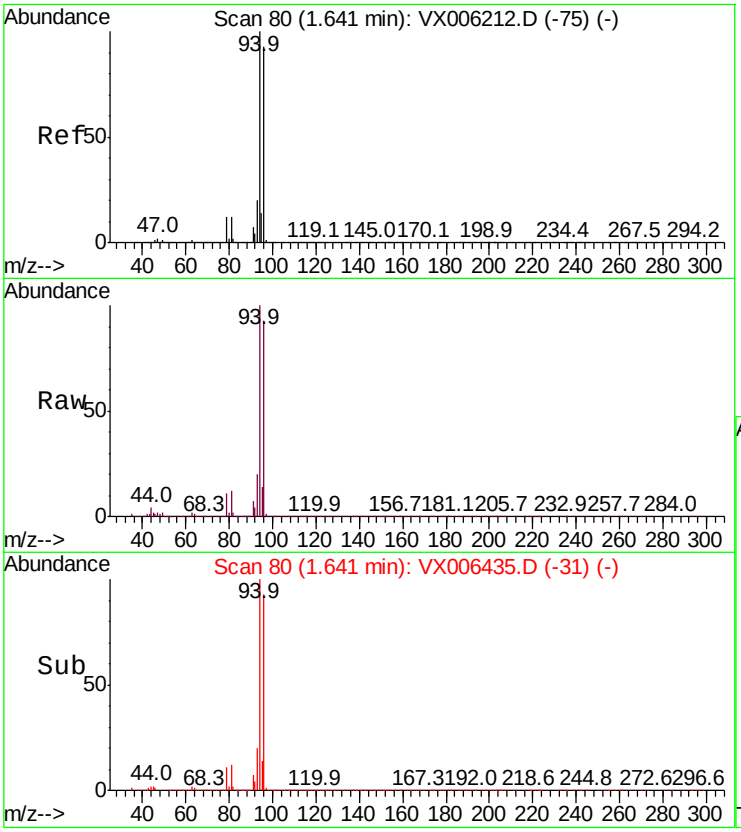




#4
Vinyl Chloride
Concen: 47.716 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 62 Resp: 313098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.9 | 24.9 | 37.3 |



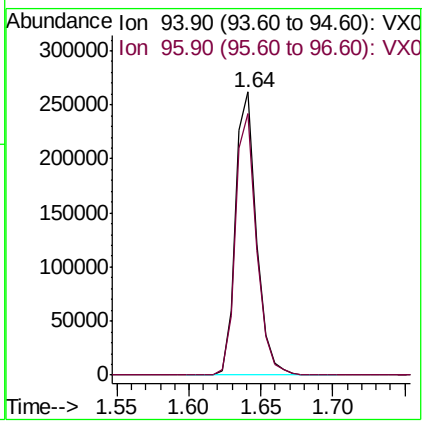


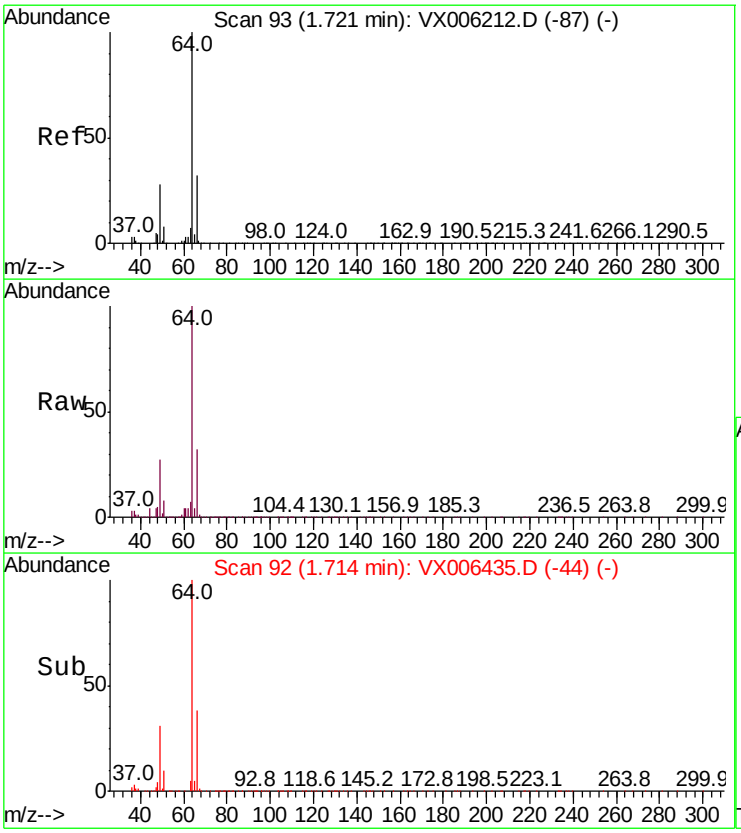

#5
Bromomethane
Concen: 58.717 ug/l
RT: 1.64 min Scan# 80
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 94 Resp: 267011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.5 | 74.5 | 111.7 |

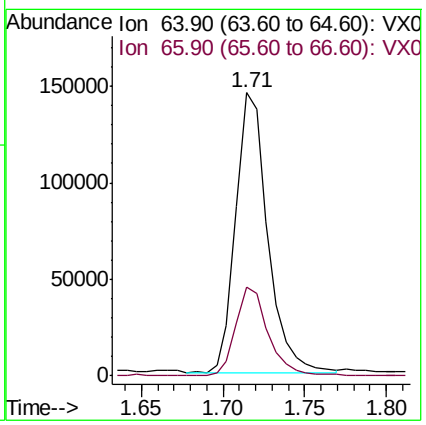


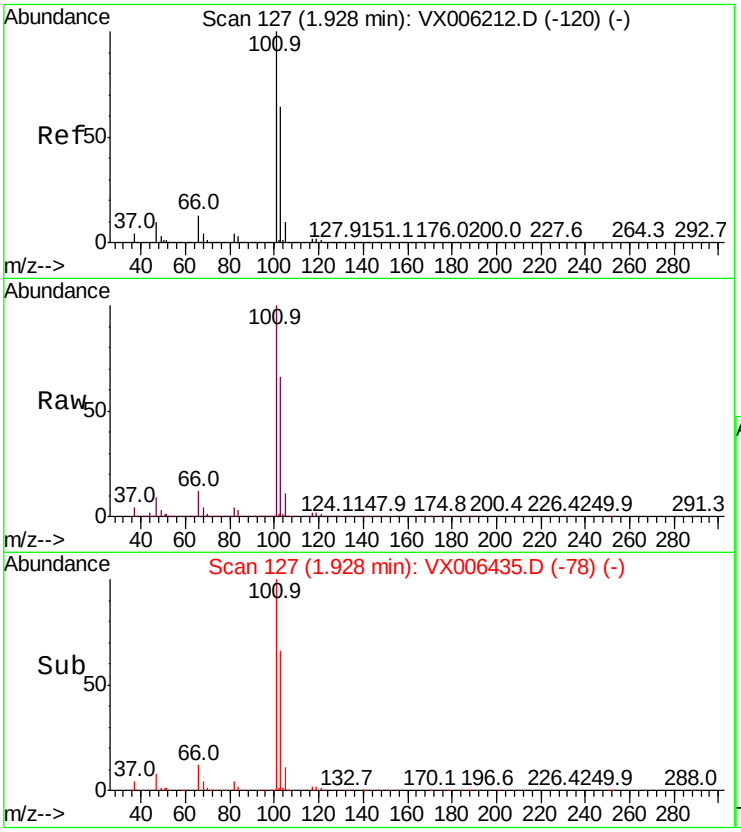




#6
Chloroethane
Concen: 49.125 ug/l
RT: 1.71 min Scan# 92
Delta R.T. -0.01 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 64 Resp: 197639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.8 | 25.9 | 38.9 |



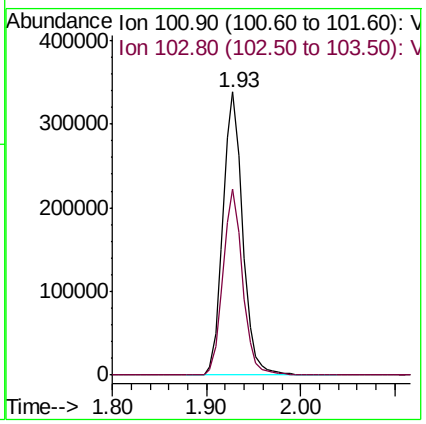


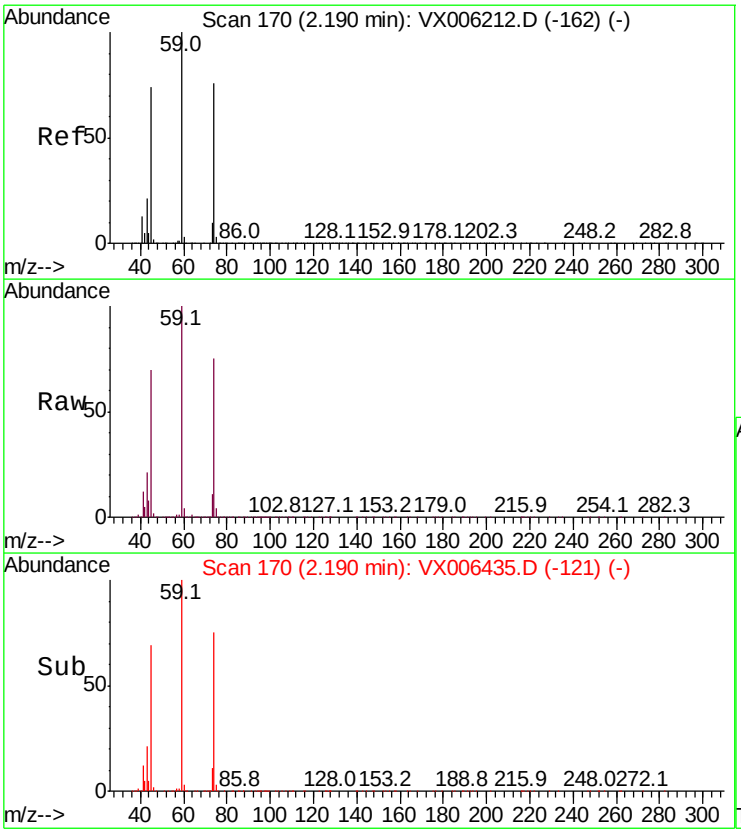

#7
Trichlorofluoromethane
Concen: 48.939 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion:101 Resp: 492926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.6 | 51.0 | 76.4 |

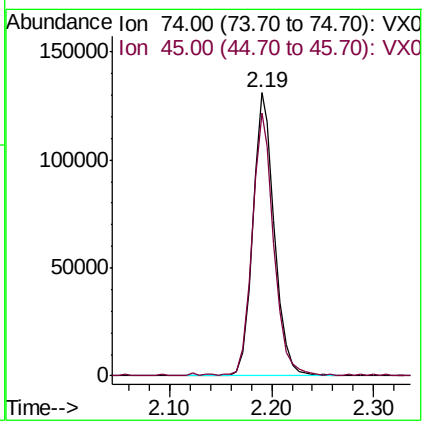


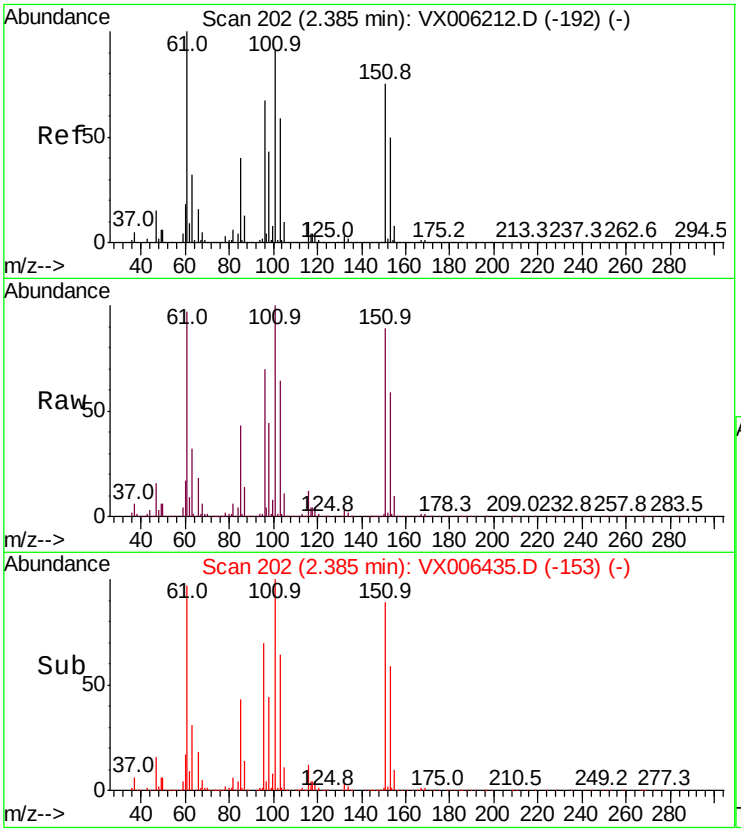




#8
Diethyl Ether
Concen: 50.545 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 74 Resp: 192676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 92.7 | 49.5 | 148.7 |



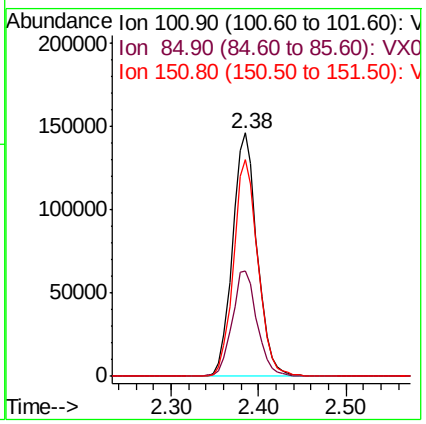


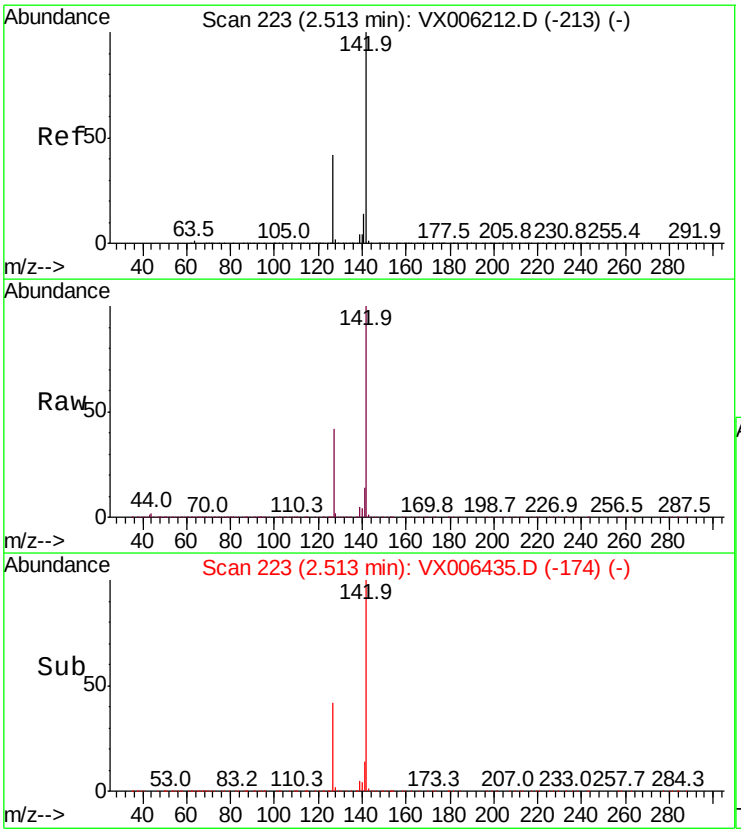

#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.018 ug/l
RT: 2.38 min Scan# 202
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion:101 Resp: 286470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.8 | 35.5 | 53.3 |
| 151 | 88.1 | 68.6 | 103.0 |

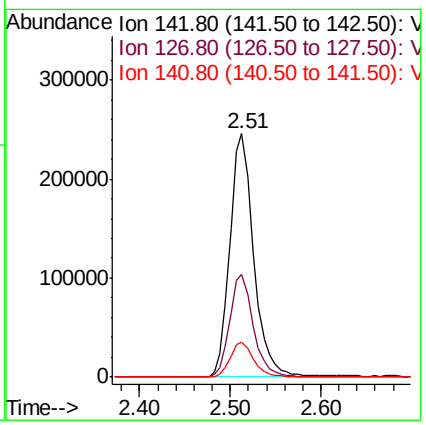


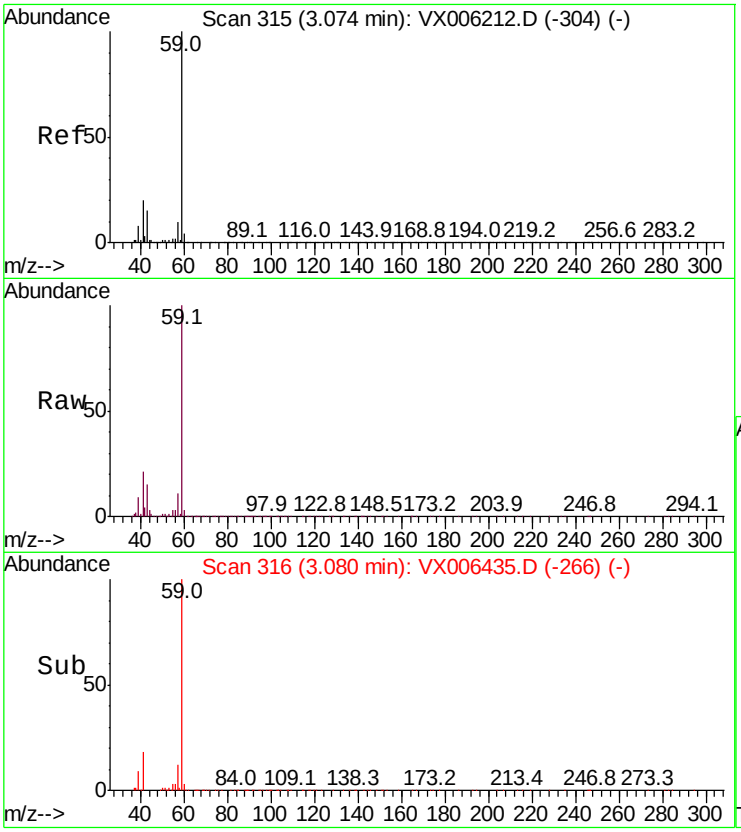




#10
Methyl Iodide
Concen: 52.204 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion:142 Resp: 450583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 42.0 | 34.8 | 52.2 |
| 141 | 14.1 | 11.4 | 17.2 |



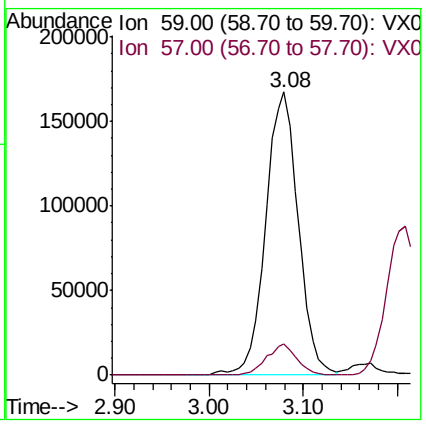


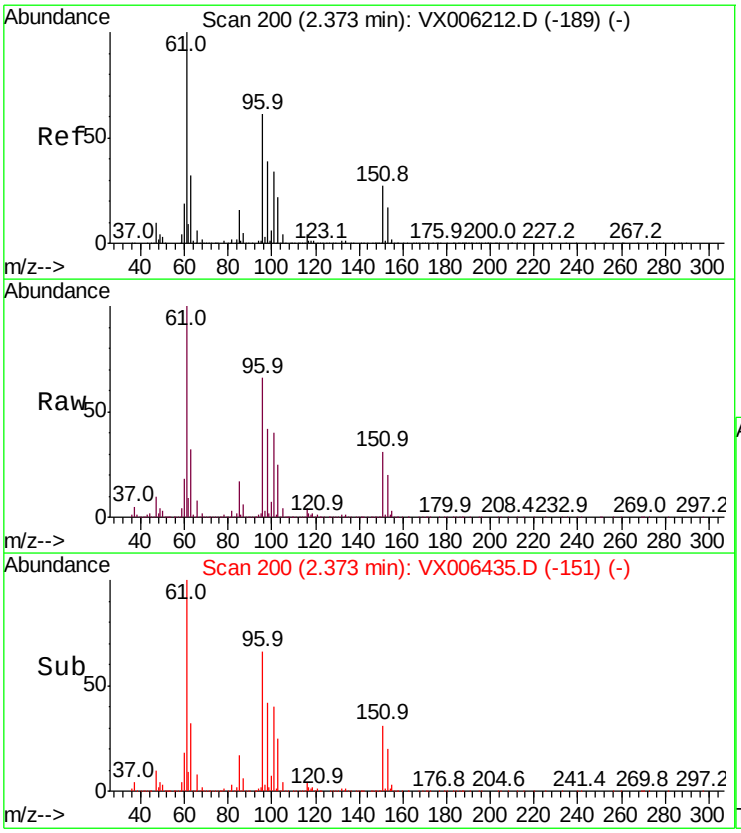

#11
Tert butyl alcohol
Concen: 237.935 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 59 Resp: 402487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.2 | 8.2 | 12.2 |

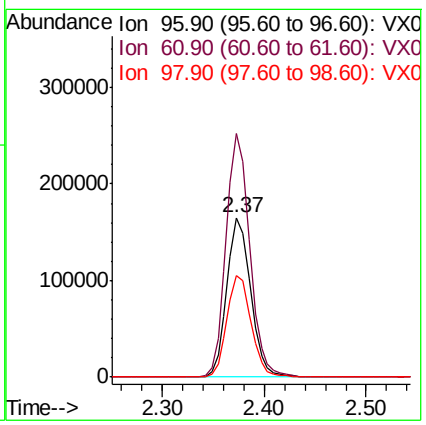


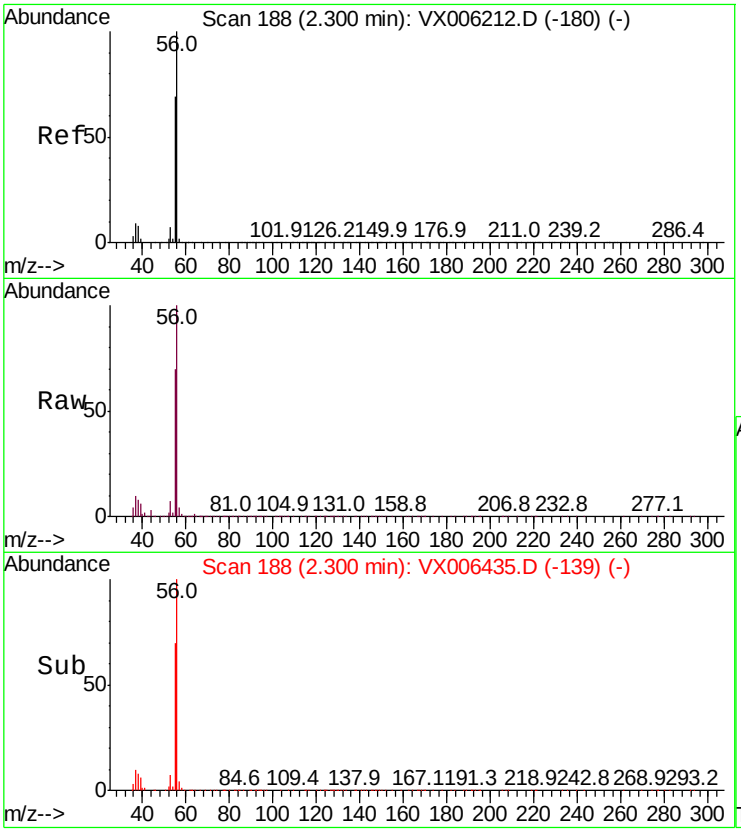




#12
1,1-Dichloroethene
Concen: 48.807 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 96 Resp: 267596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 152.5 | 131.7 | 197.5 |
| 98 | 63.5 | 51.8 | 77.6 |



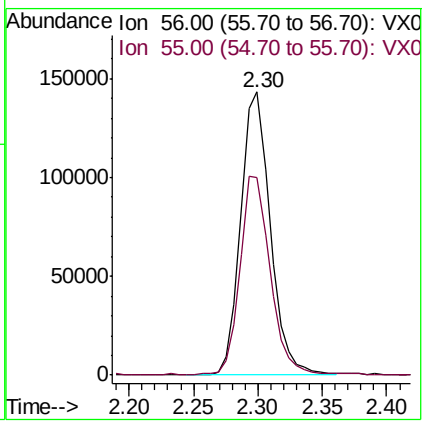


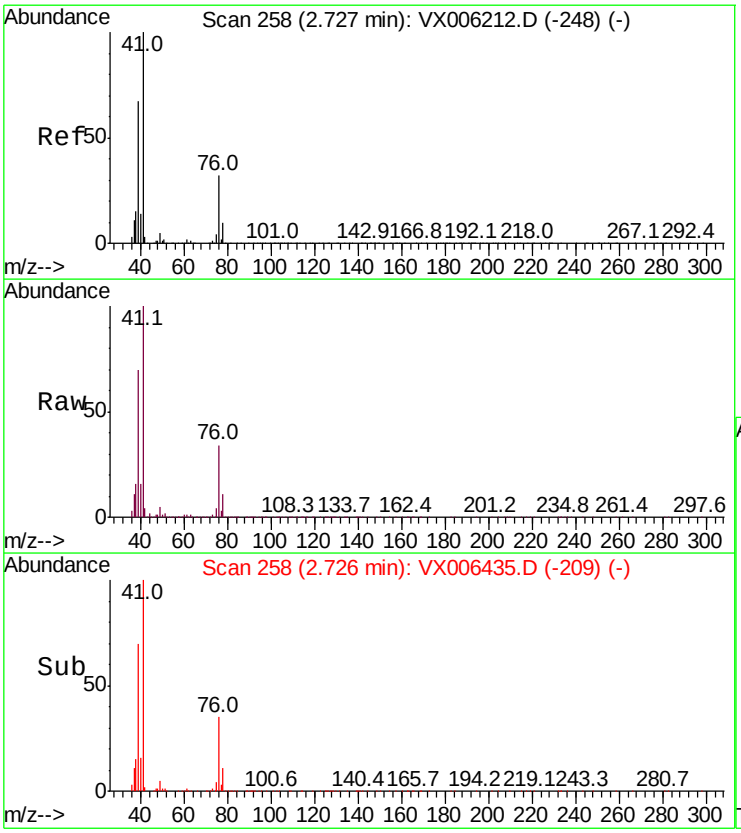

#13
Acrolein
Concen: 245.301 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 56 Resp: 226795

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

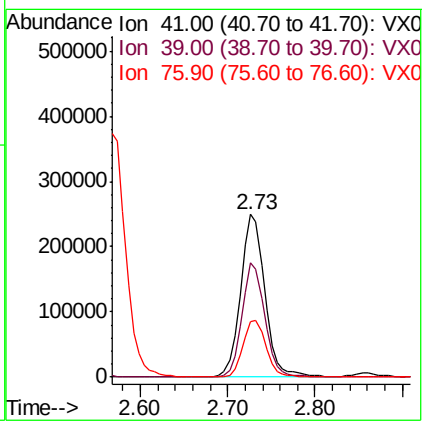


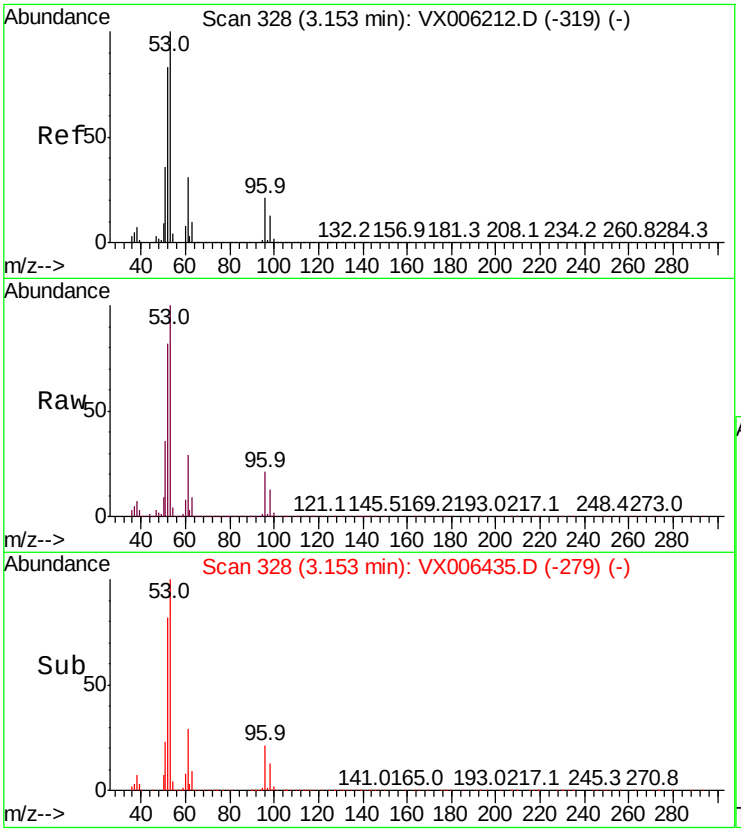




#14
Allyl chloride
Concen: 44.155 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 41 Resp: 478227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 65.3 | 52.4 | 78.6 |
| 76 | 33.3 | 25.4 | 38.0 |



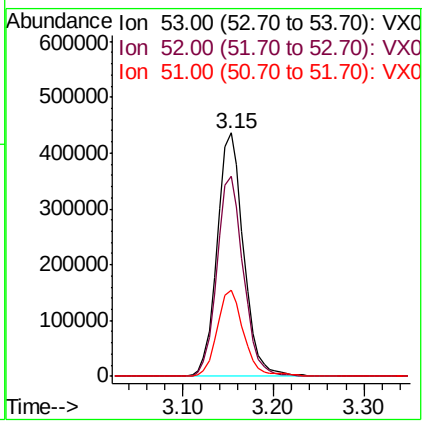


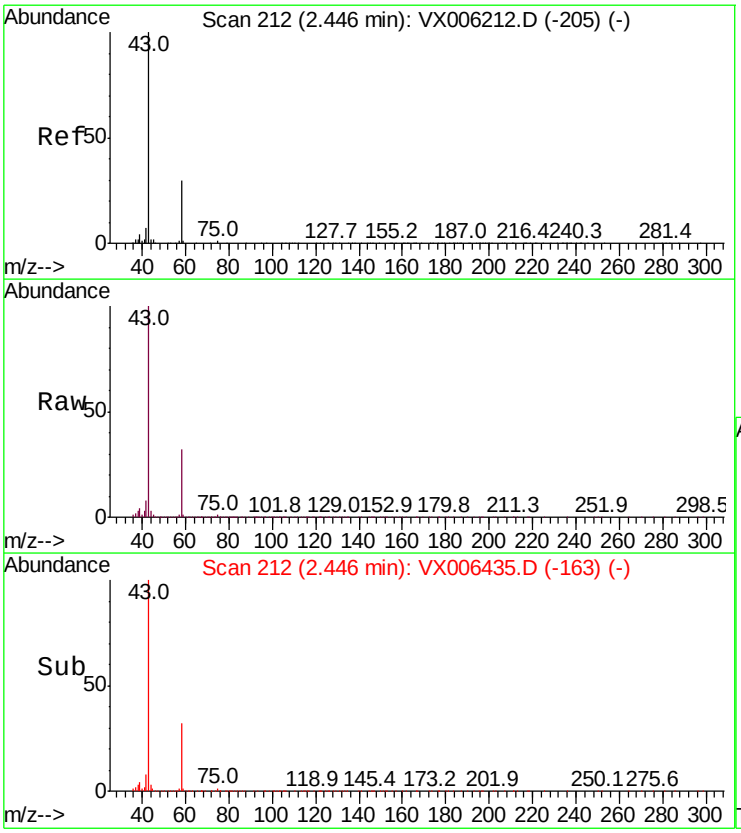

#15
Acrylonitrile
Concen: 249.903 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 53 Resp: 882139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.4 | 66.2 | 99.4 |
| 51 | 35.9 | 28.7 | 43.1 |

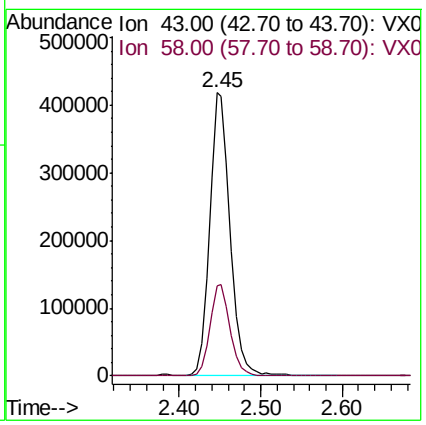


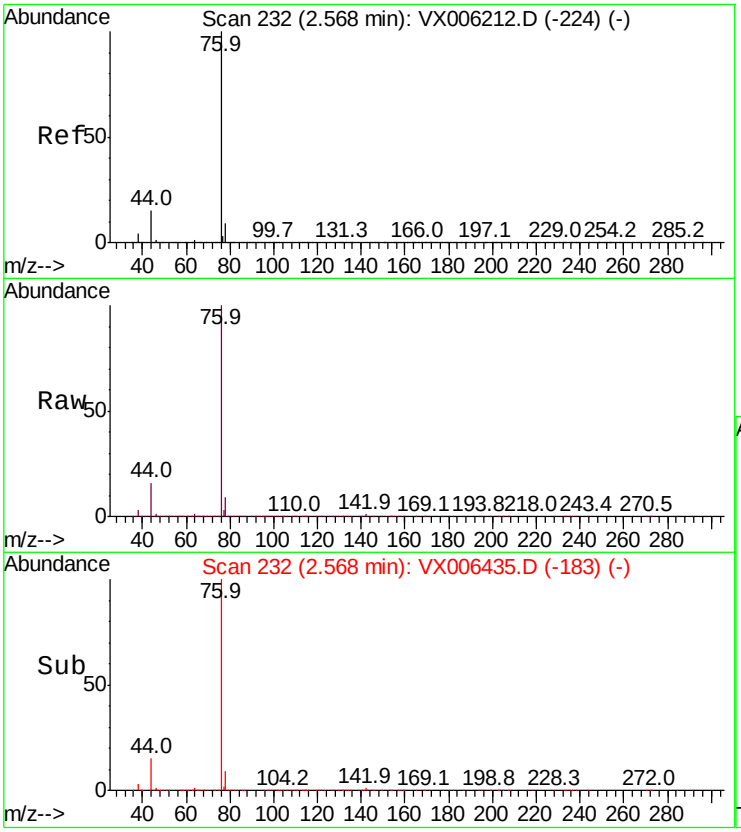




#16
Acetone
Concen: 251.357 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 43 Resp: 729637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.6 | 24.0 | 36.0 |



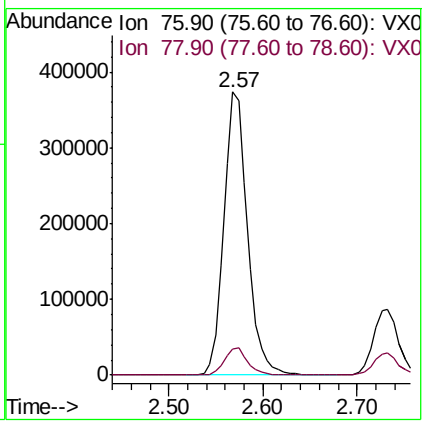


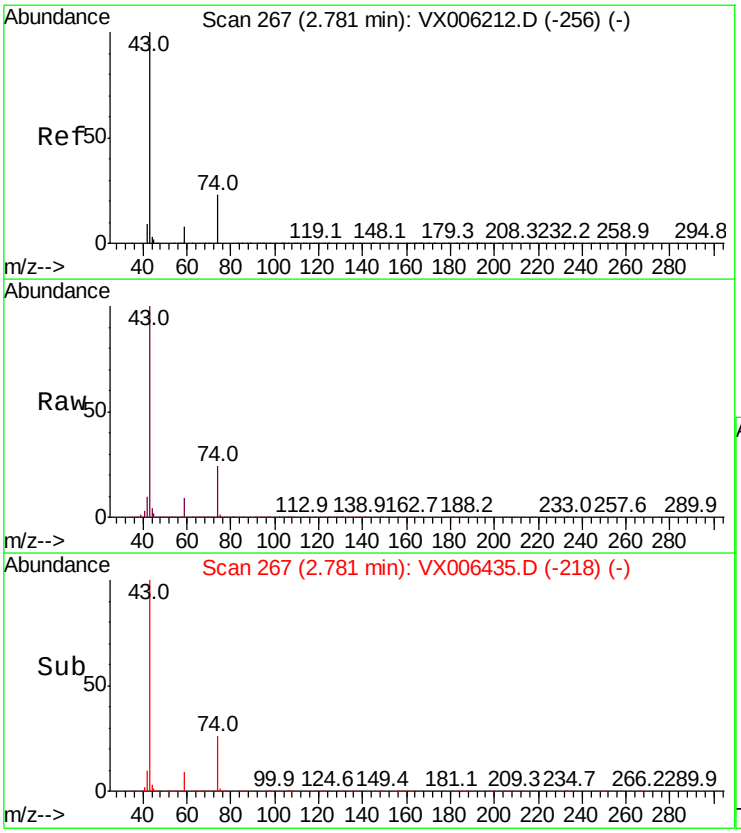

#17
Carbon Disulfide
Concen: 38.363 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 76 Resp: 648127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.0 | 7.1 | 10.7 |

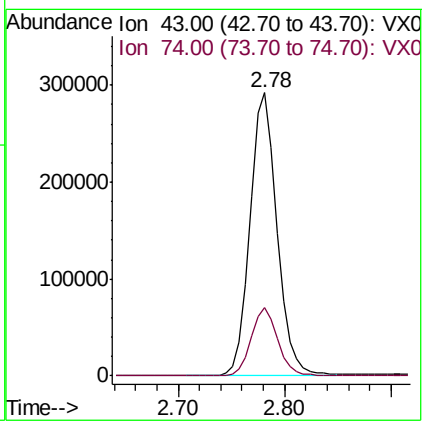


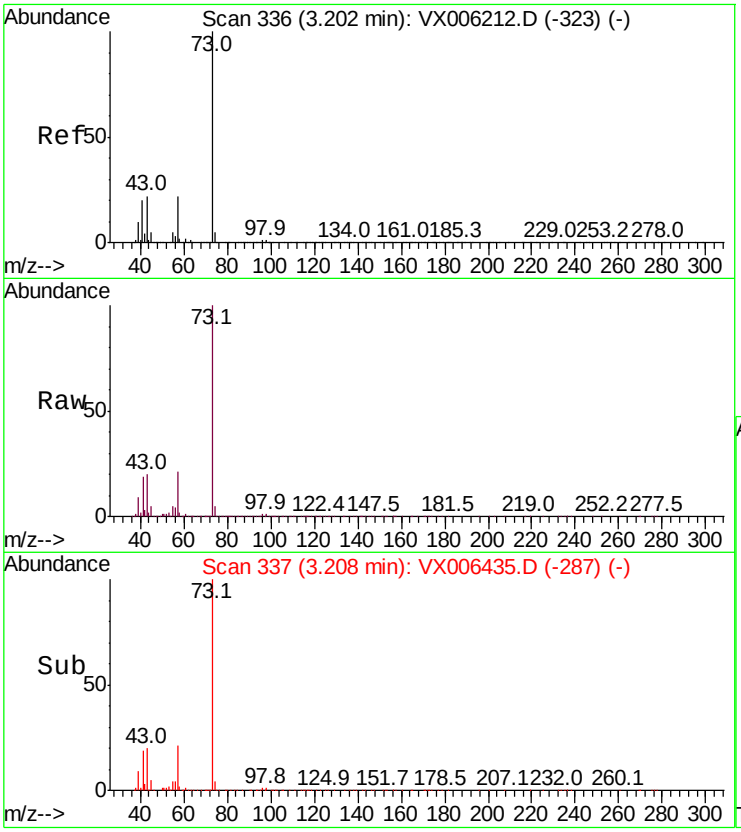




#18
Methyl Acetate
Concen: 53.524 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 43 Resp: 519589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.4 | 17.9 | 26.9 |



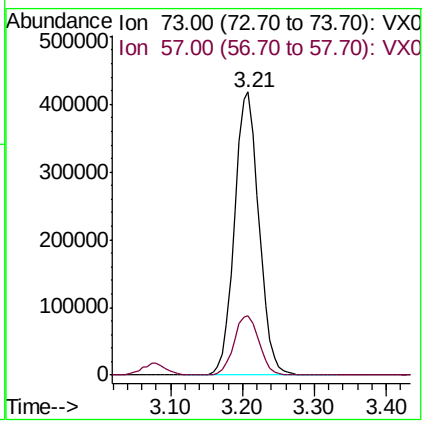


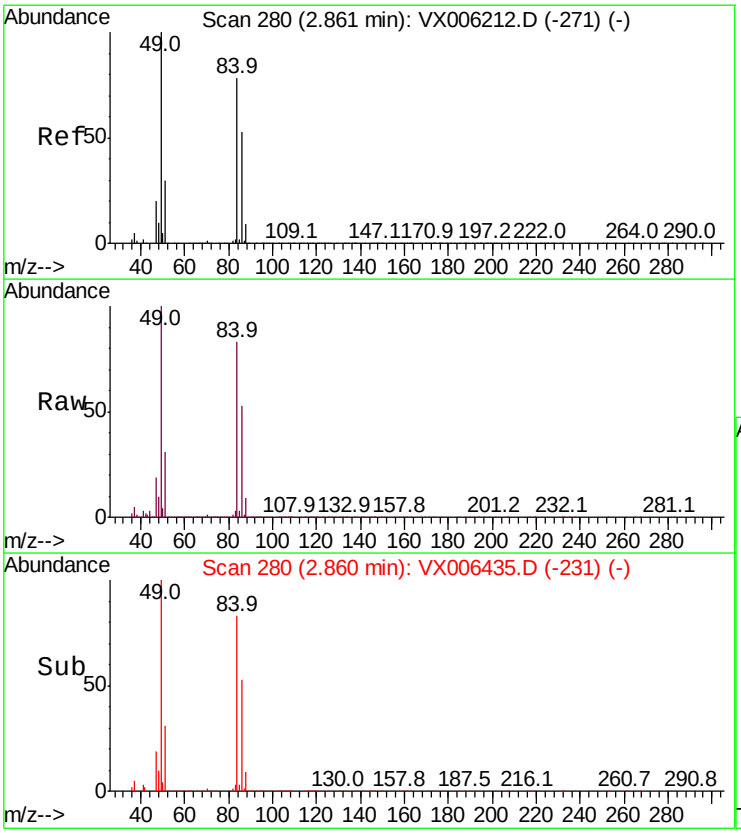

#19
Methyl tert-butyl Ether
Concen: 50.297 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 73 Resp: 983763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.1 | 17.5 | 26.3 |

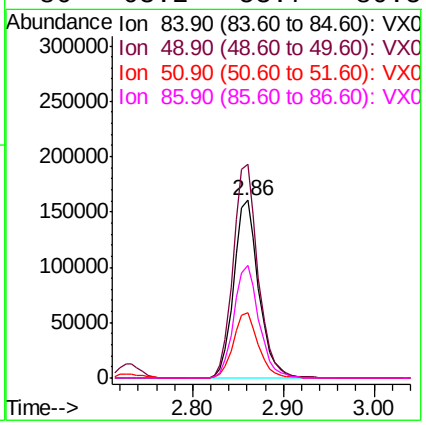


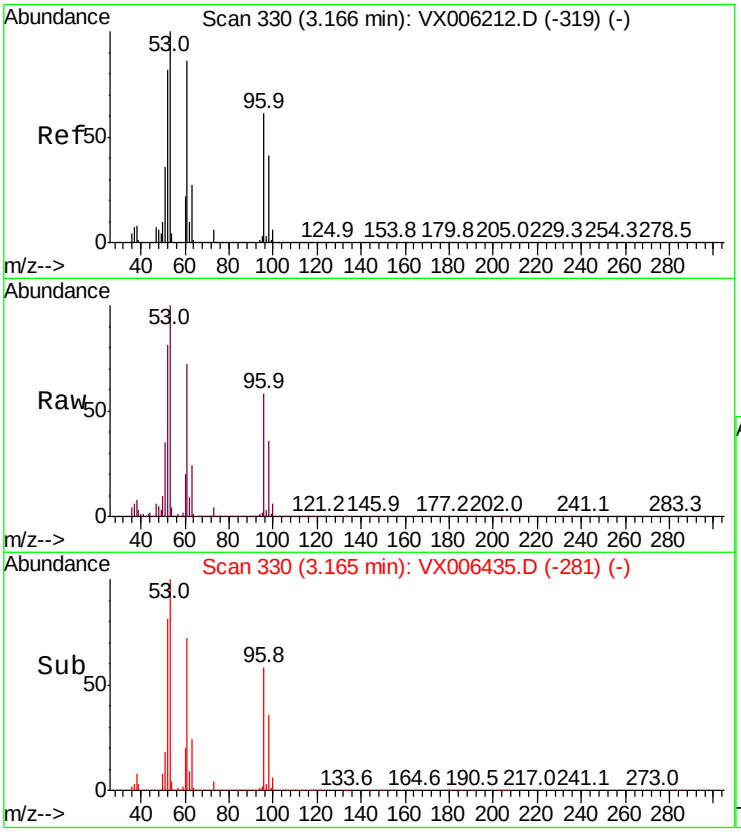




#20
Methylene Chloride
Concen: 49.292 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 84 Resp: 304518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 120.1 | 102.2 | 153.4 |
| 51 | 36.8 | 31.1 | 46.7 |
| 86 | 63.2 | 53.7 | 80.5 |



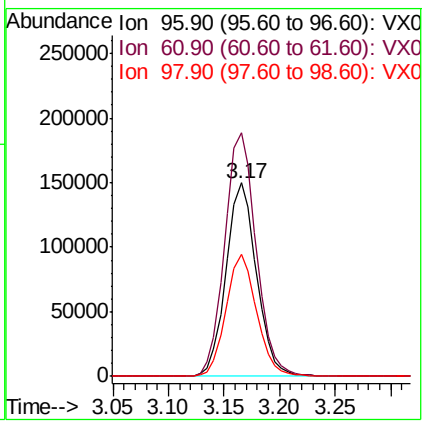


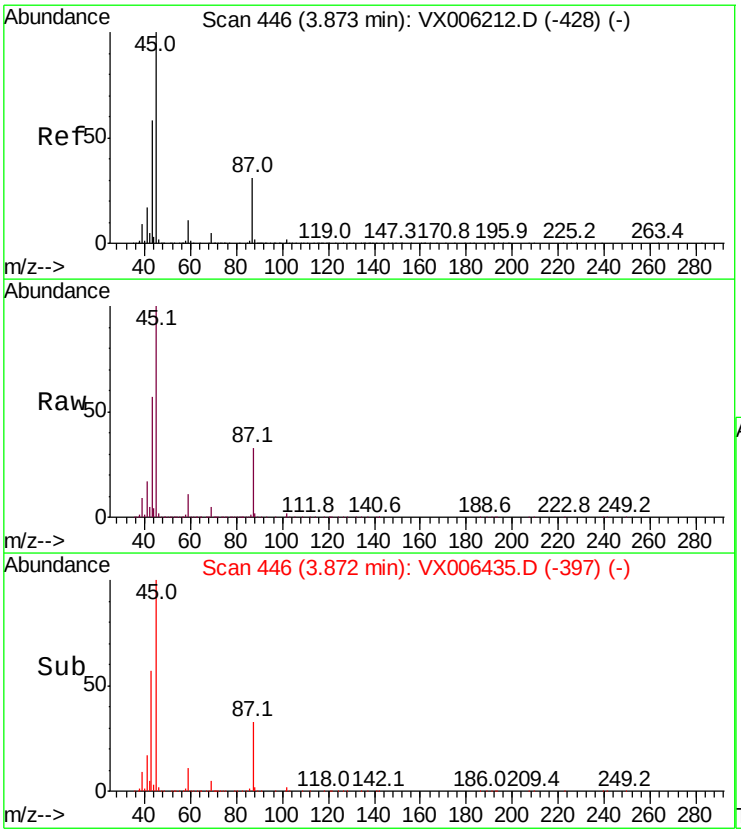

#21
trans-1,2-Dichloroethene
Concen: 48.685 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 96 Resp: 284452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 125.9 | 113.3 | 169.9 |
| 98 | 63.1 | 53.2 | 79.8 |

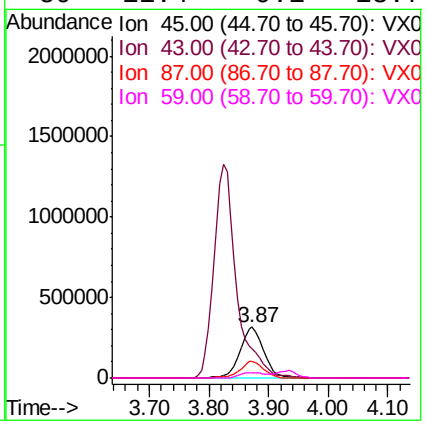


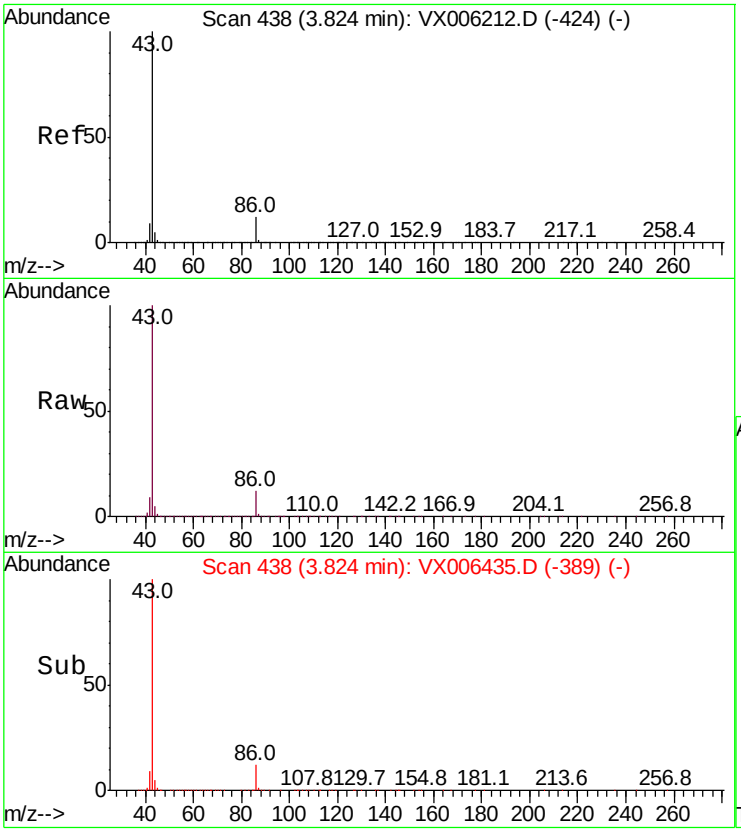




#22
Diisopropyl ether
Concen: 50.853 ug/l
RT: 3.87 min Scan# 446
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 45 Resp: 860268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 57.0 | 46.2 | 69.2 |
| 87 | 32.9 | 24.9 | 37.3 |
| 59 | 11.4 | 9.1 | 13.7 |



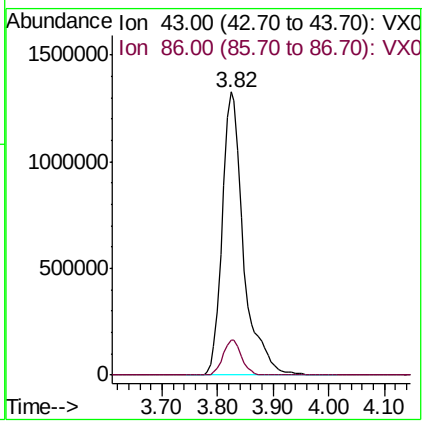


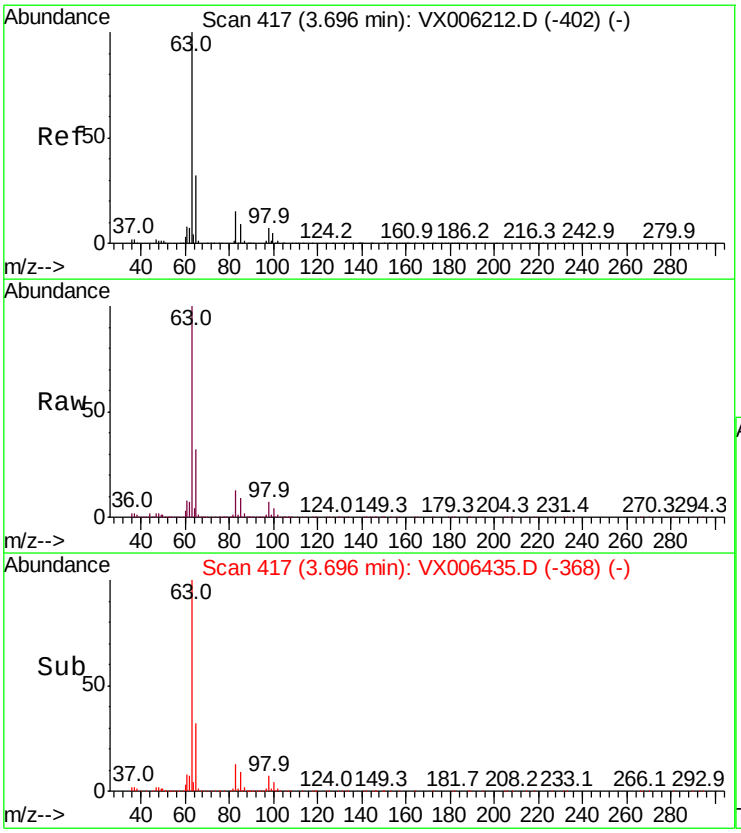

#23
Vinyl Acetate
Concen: 243.091 ug/l
RT: 3.82 min Scan# 438
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 43 Resp: 3507481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 12.2 | 9.4 | 14.0 |

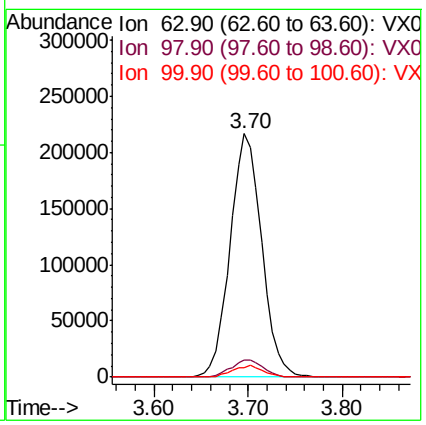


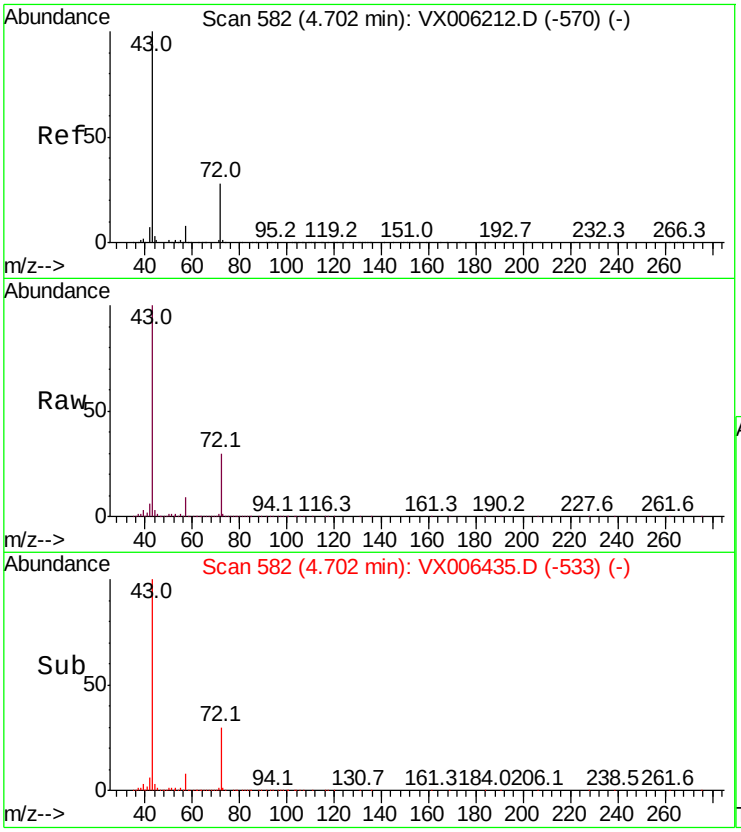




#24
1,1-Dichloroethane
Concen: 52.239 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 63 Resp: 505111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.2 | 3.8 | 11.4 |
| 100 | 4.1 | 2.5 | 7.4 |



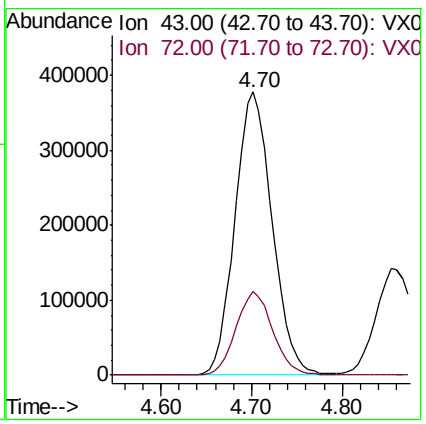


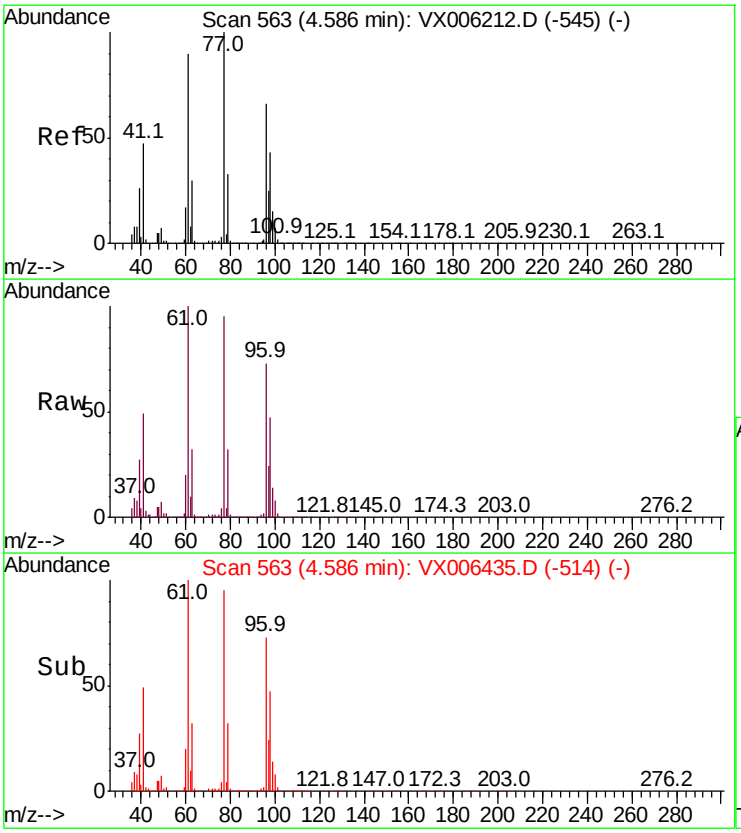

#25
2-Butanone
Concen: 259.367 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 43 Resp: 1074262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 29.6 | 22.6 | 33.8 |

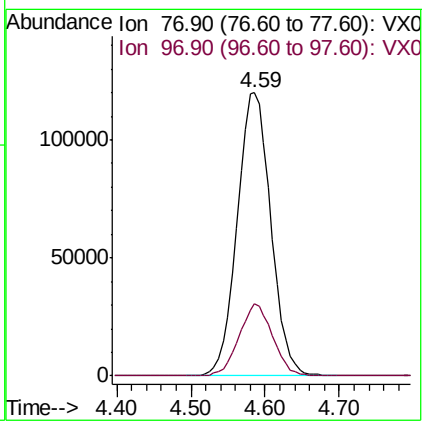


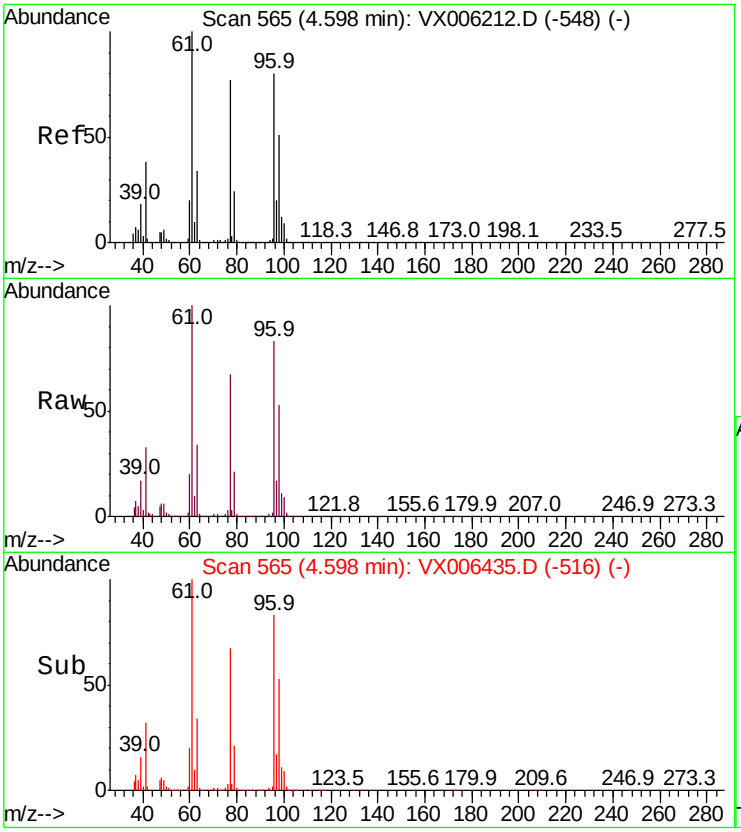




#26
2,2-Dichloropropane
Concen: 42.531 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 77 Resp: 379533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 25.4 | 12.3 | 36.8 |



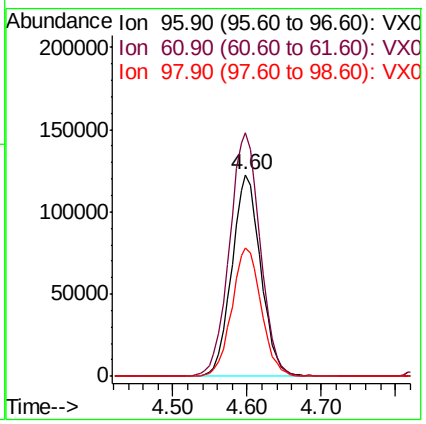


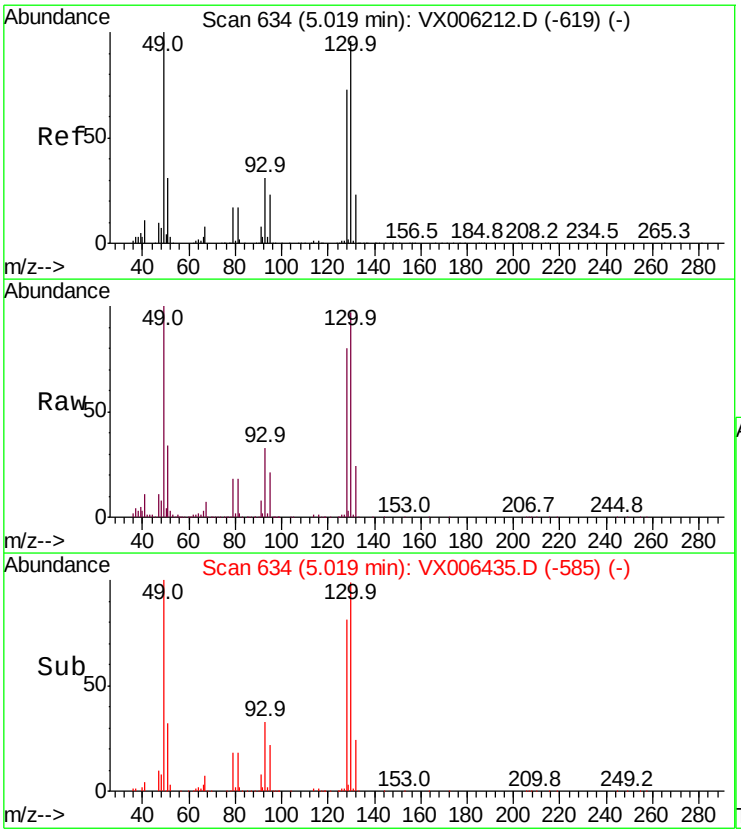

#27
cis-1,2-Dichloroethene
Concen: 51.219 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 96 Resp: 333806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 127.7 | 0.0 | 265.0 |
| 98 | 64.8 | 0.0 | 130.2 |

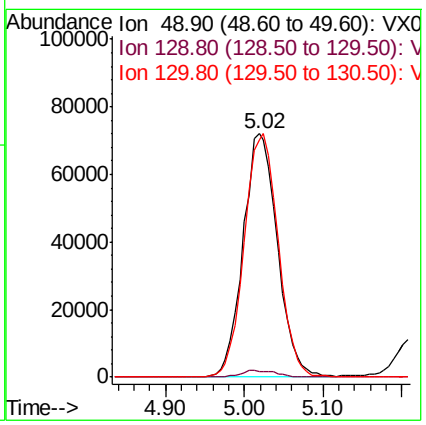


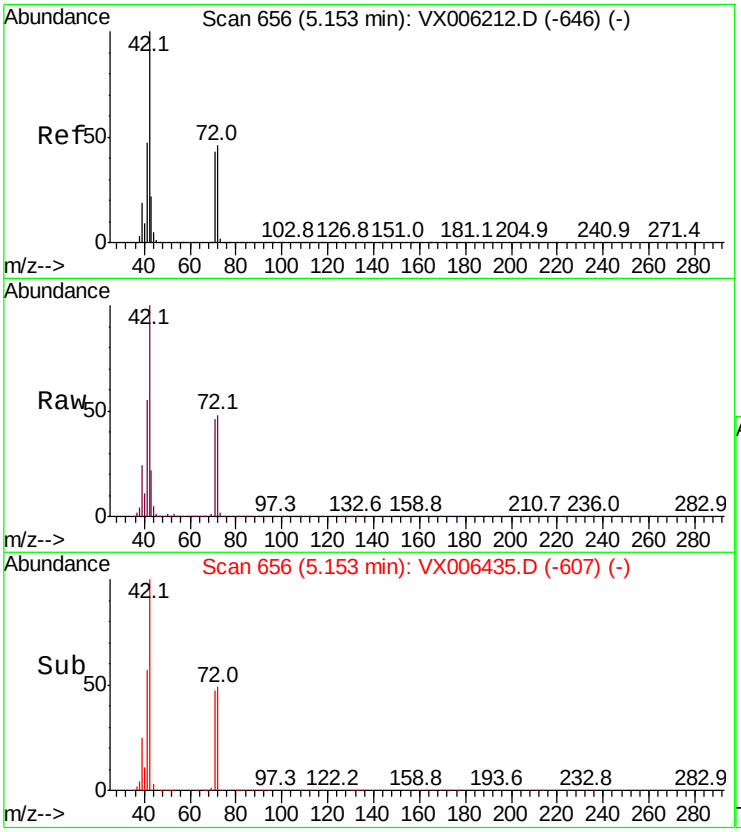




#28
Bromochloromethane
Concen: 51.722 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 49 Resp: 218446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.9 | 0.0 | 5.0 |
| 130 | 98.8 | 78.3 | 117.5 |

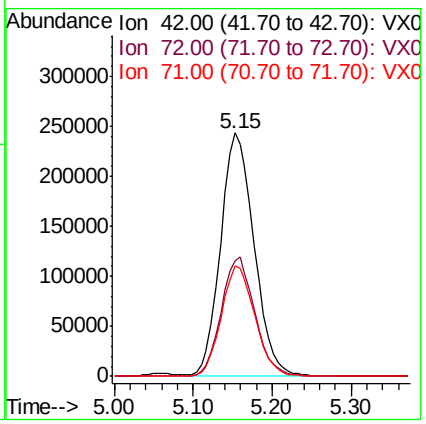




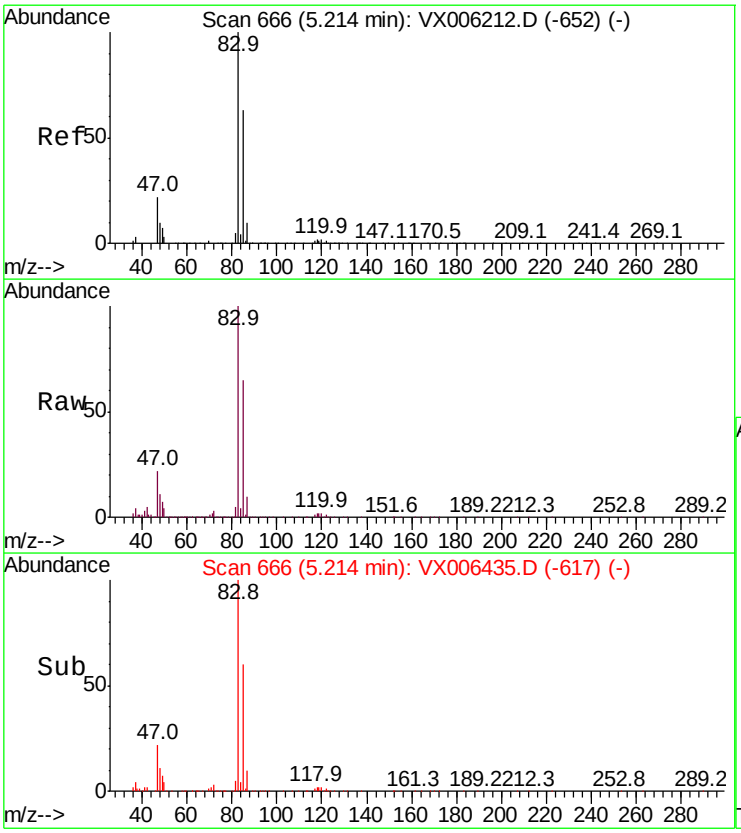

#29
Tetrahydrofuran
Concen: 248.411 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 42 Resp: 715074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 49.4 | 37.8 | 56.8 |
| 71 | 45.7 | 35.2 | 52.8 |



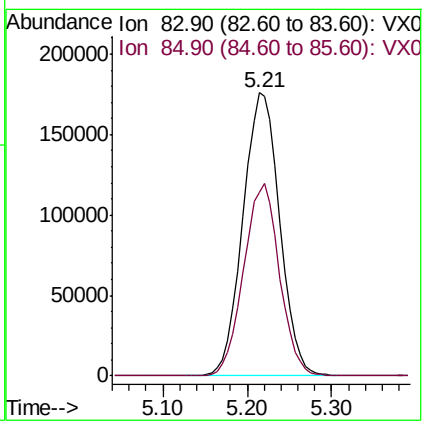

**Instrument :**
MSVOA_X
**ClientSampleId :**

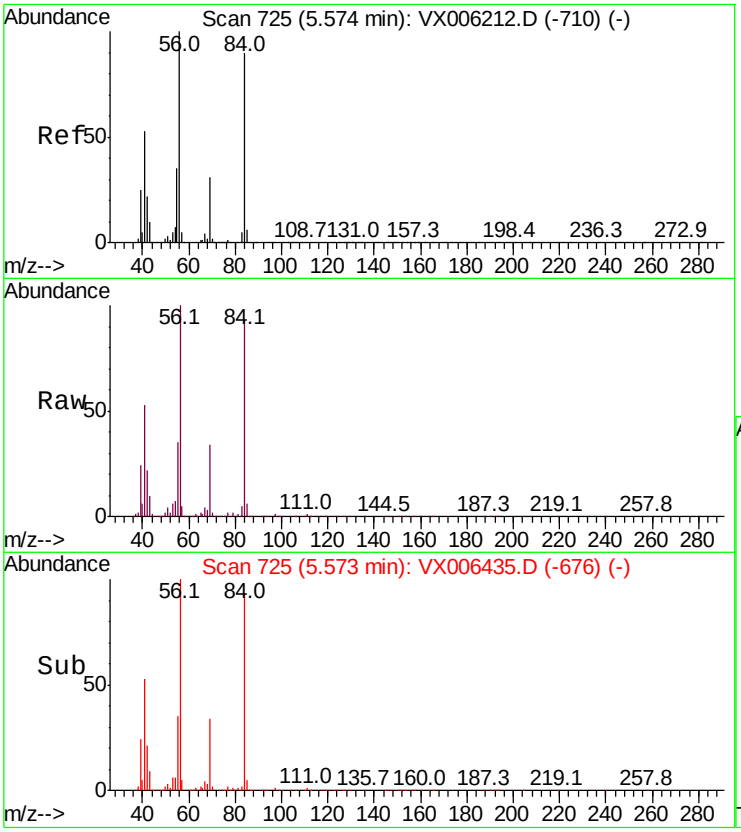



#30
Chloroform
Concen: 51.358 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 83 Resp: 521863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.9 | 50.3 | 75.5 |



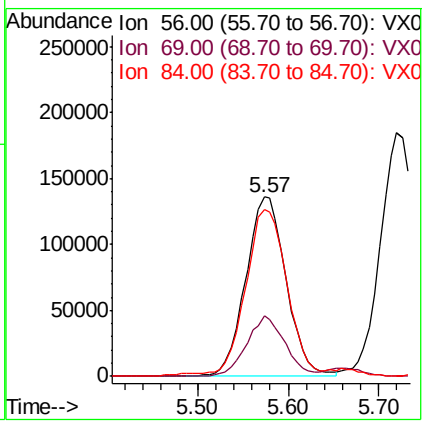


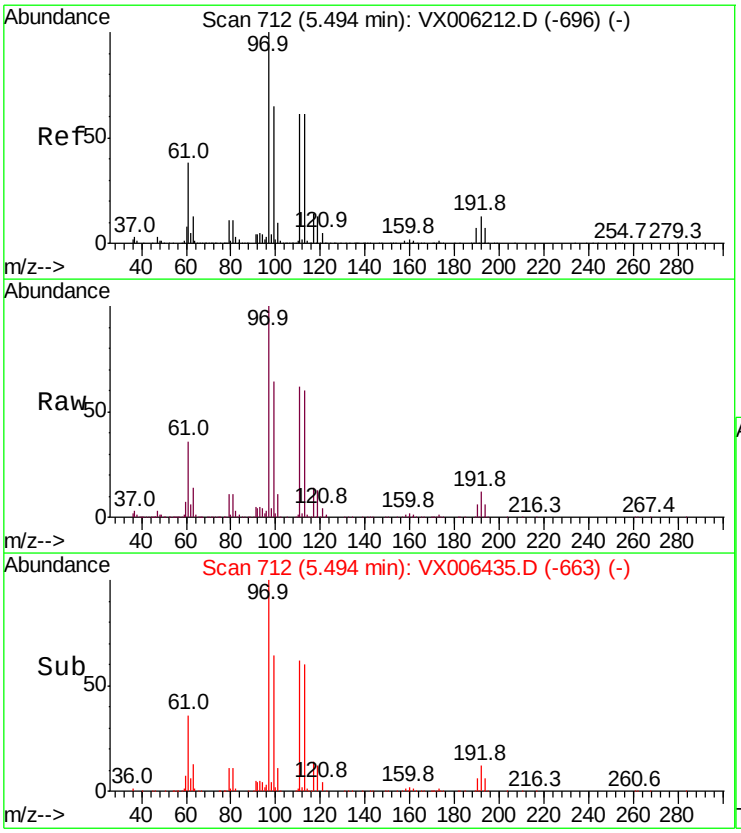

#31
Cyclohexane
Concen: 46.777 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 56 Resp: 417991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 33.6 | 24.5 | 36.7 |
| 84 | 91.7 | 71.8 | 107.6 |

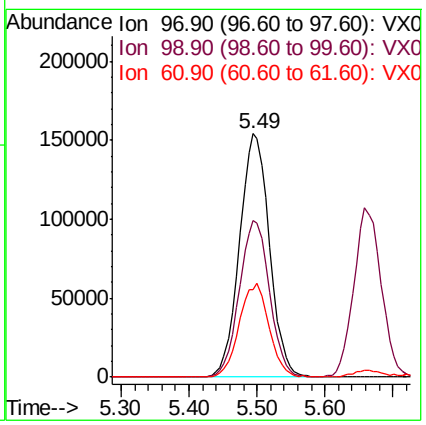


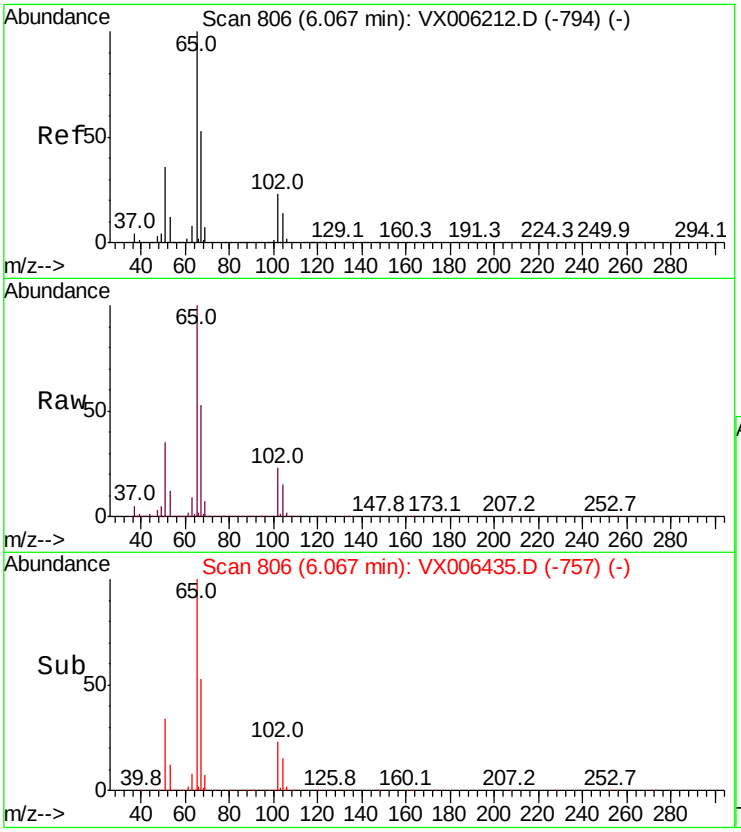




#32
1,1,1-Trichloroethane
Concen: 48.748 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 97 Resp: 471299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.9 | 51.6 | 77.4 |
| 61 | 38.4 | 30.6 | 46.0 |



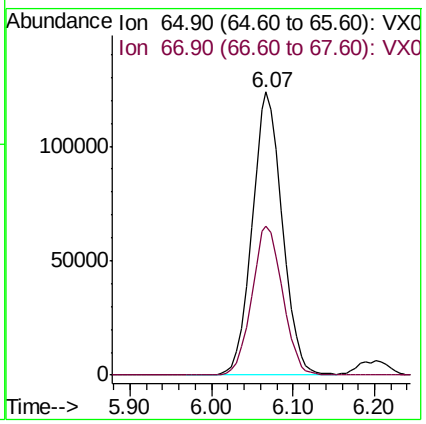


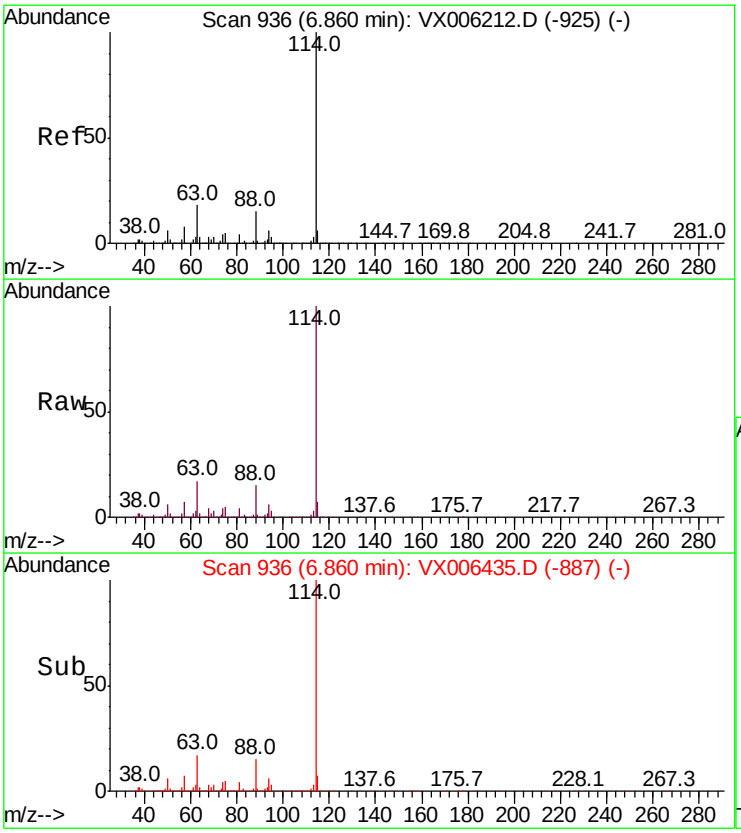

#33
1,2-Dichloroethane-d4
Concen: 51.388 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 65 Resp: 317860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.5 | 0.0 | 107.2 |

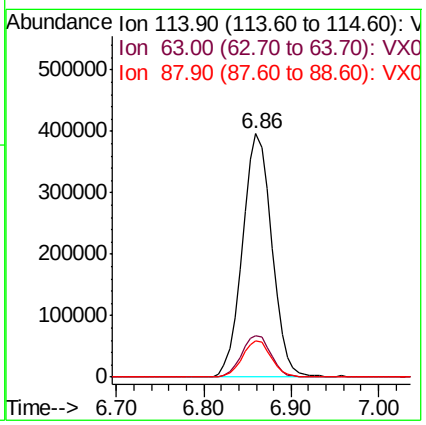


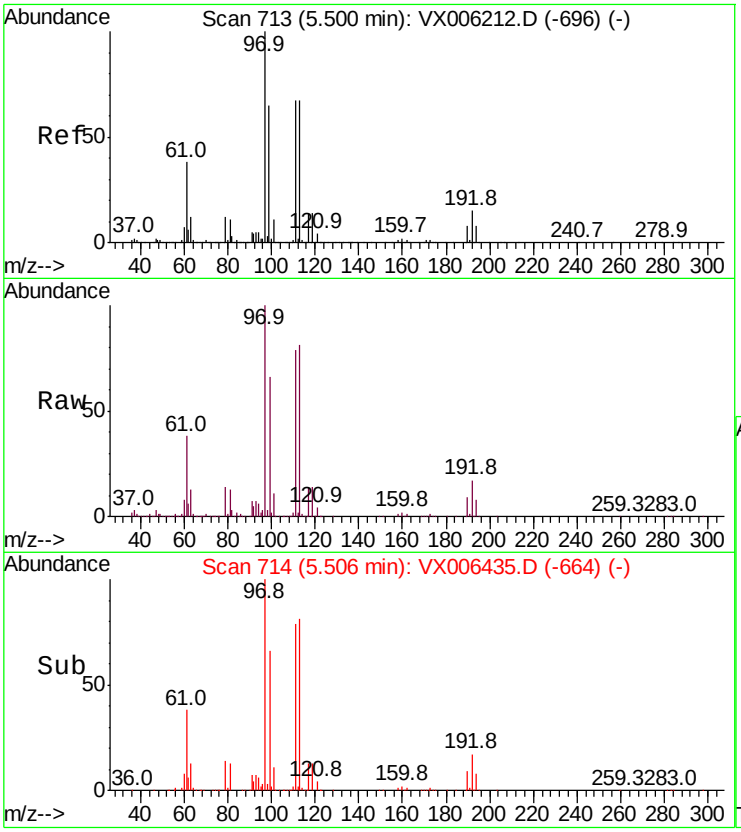




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion:114 Resp: 923351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.2 | 0.0 | 36.6 |
| 88 | 14.9 | 0.0 | 29.0 |



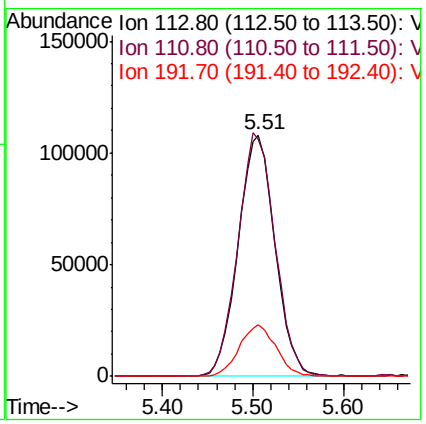


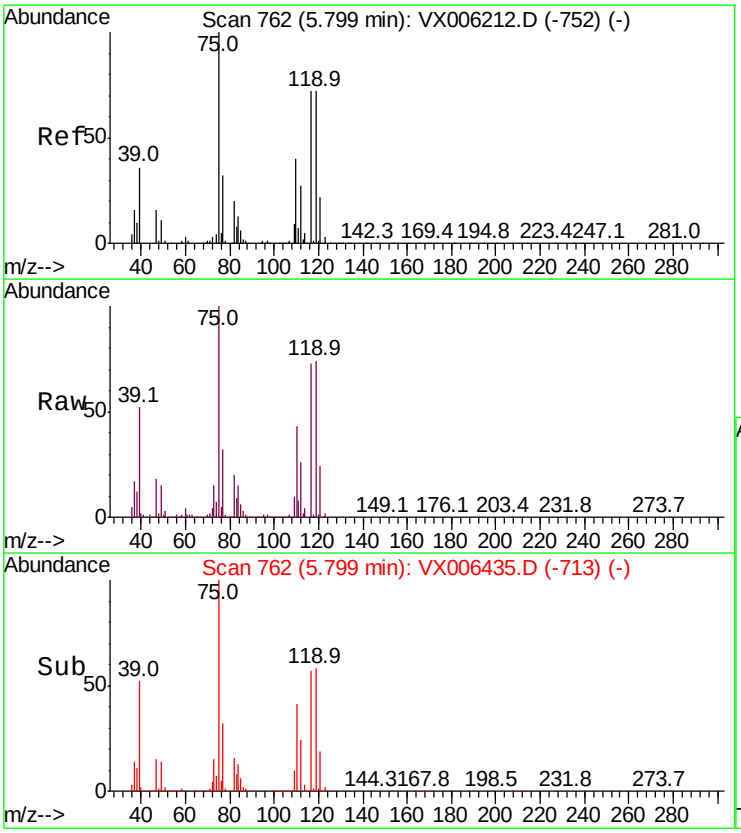

#35
Dibromofluoromethane
Concen: 50.700 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion:113 Resp: 303100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.3 | 81.1 | 121.7 |
| 192 | 21.3 | 18.2 | 27.2 |

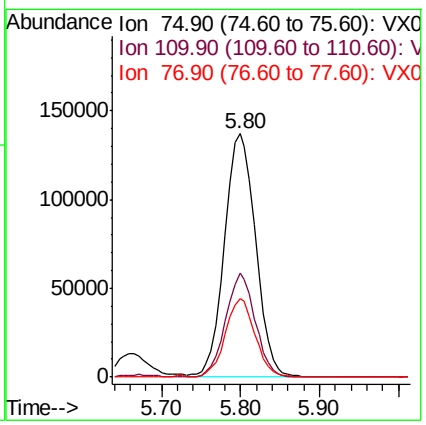


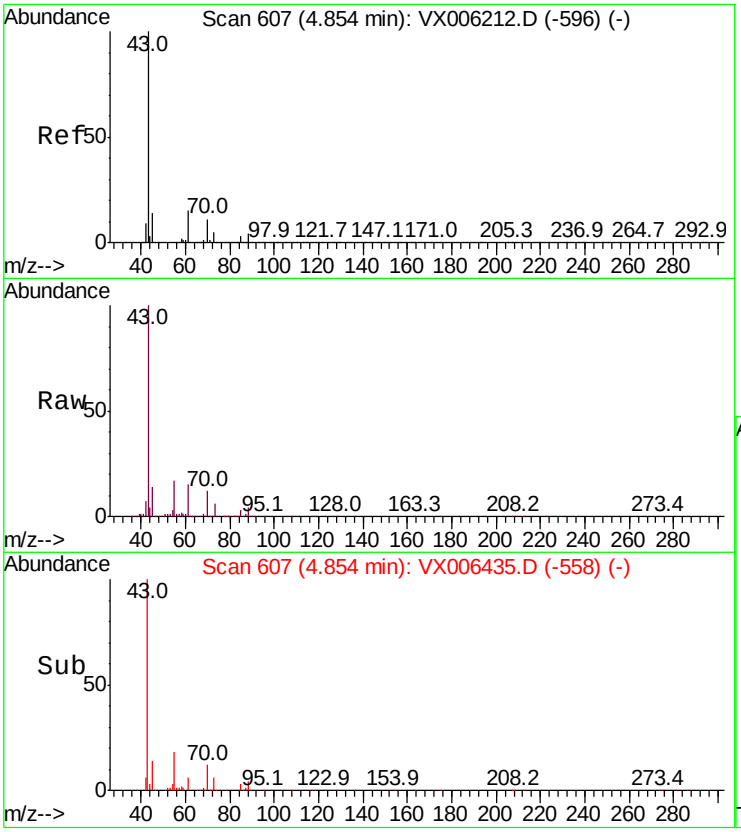




#36
1,1-Dichloropropene
Concen: 48.315 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 75 Resp: 375679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 40.6 | 20.4 | 61.3 |
| 77 | 31.1 | 24.9 | 37.3 |



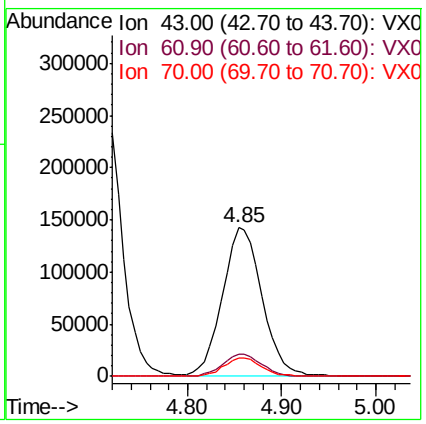


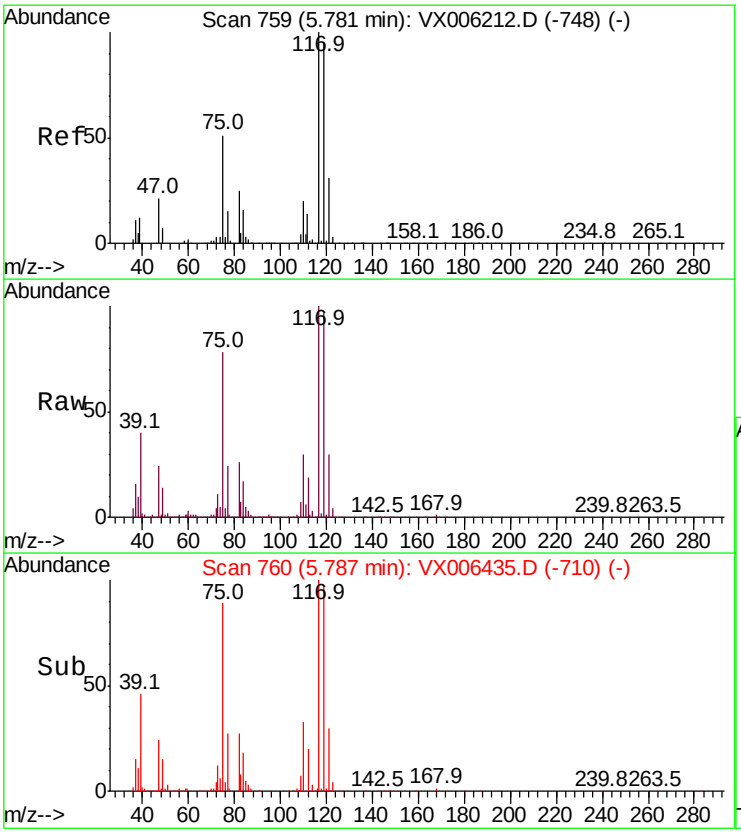

#37
Ethyl Acetate
Concen: 47.417 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 43 Resp: 412891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.7 | 11.5 | 17.3 |
| 70 | 12.1 | 9.0 | 13.6 |

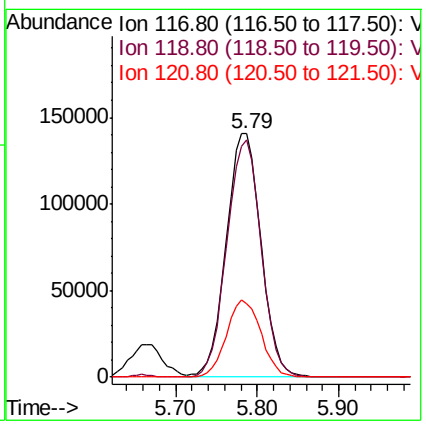


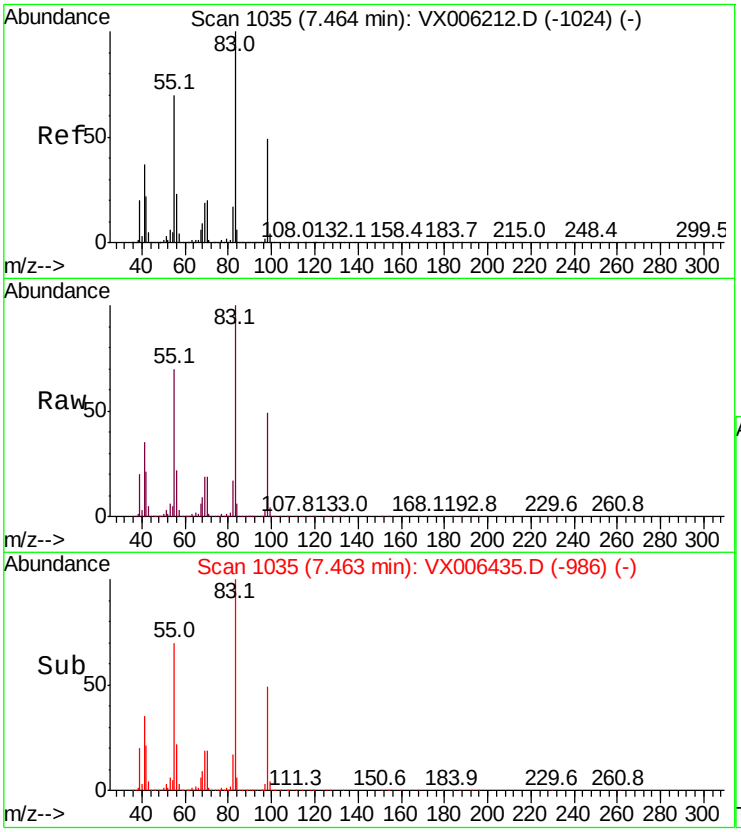




#38
Carbon Tetrachloride
Concen: 45.110 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion:117 Resp: 412634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.1 | 75.8 | 113.8 |
| 121 | 30.2 | 24.6 | 37.0 |



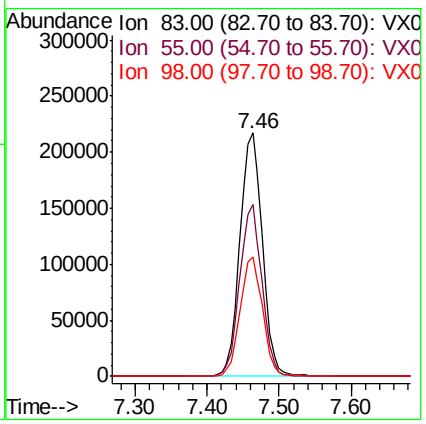


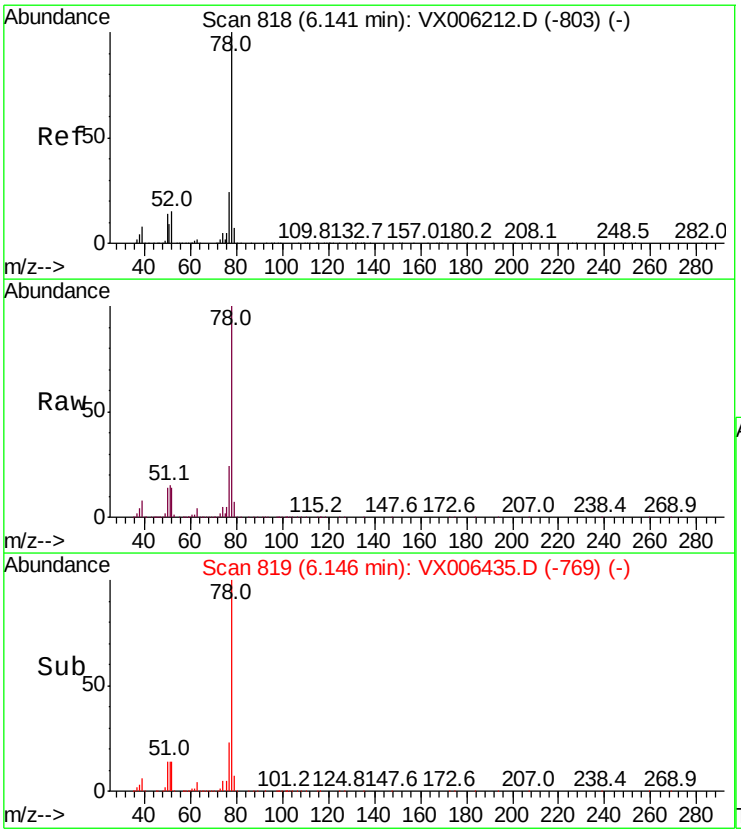

#39
Methylcyclohexane
Concen: 46.428 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 83 Resp: 468593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 70.3 | 56.4 | 84.6 |
| 98 | 49.0 | 39.0 | 58.6 |

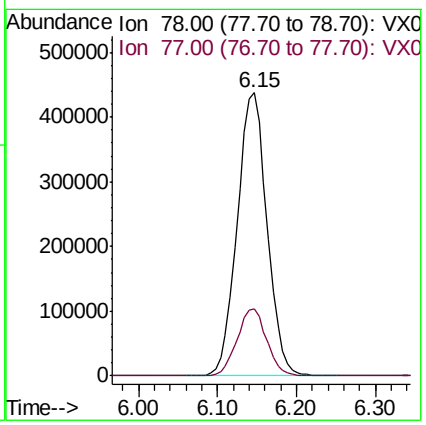


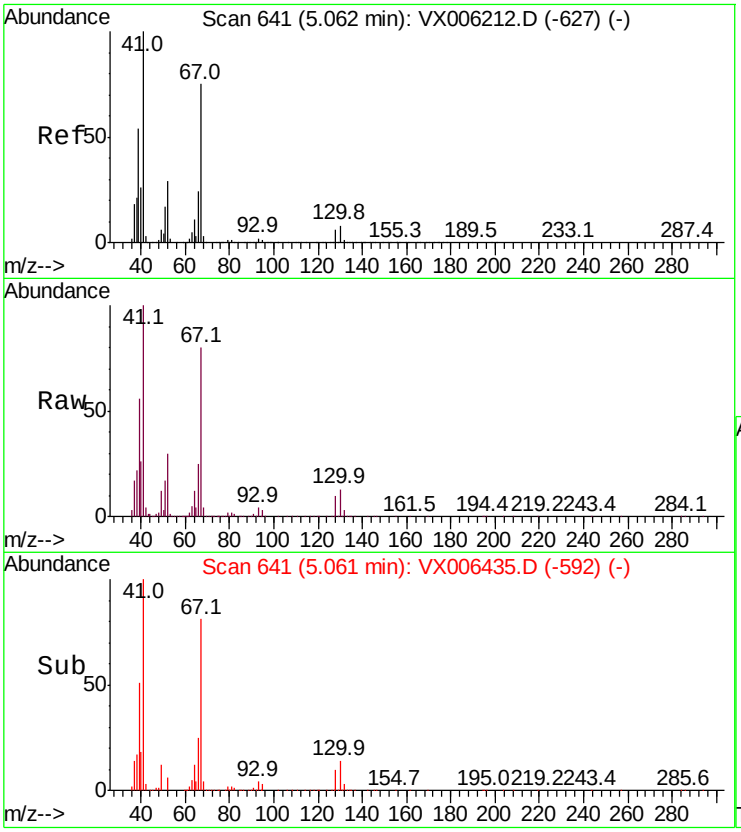




#40
Benzene
Concen: 49.338 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 78 Resp: 1149010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.7 | 19.2 | 28.8 |



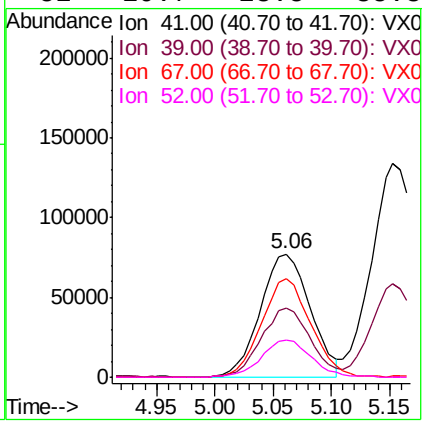


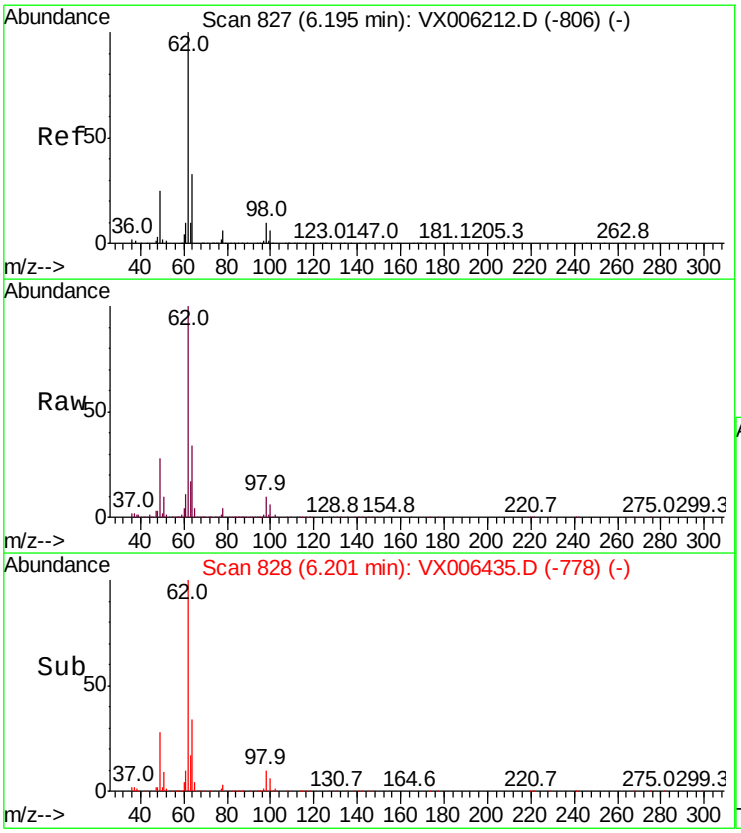

#41
Methacrylonitrile
Concen: 47.466 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 41 Resp: 227429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 55.9 | 44.0 | 66.0 |
| 67 | 79.8 | 61.4 | 92.0 |
| 52 | 29.7 | 23.5 | 35.3 |

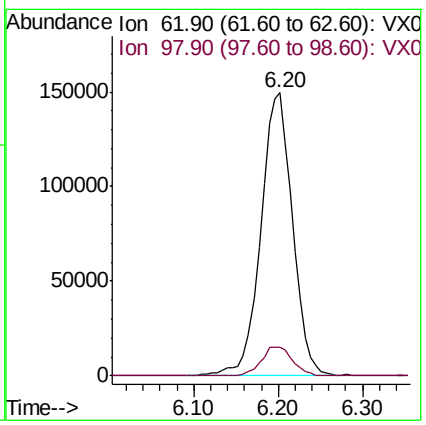


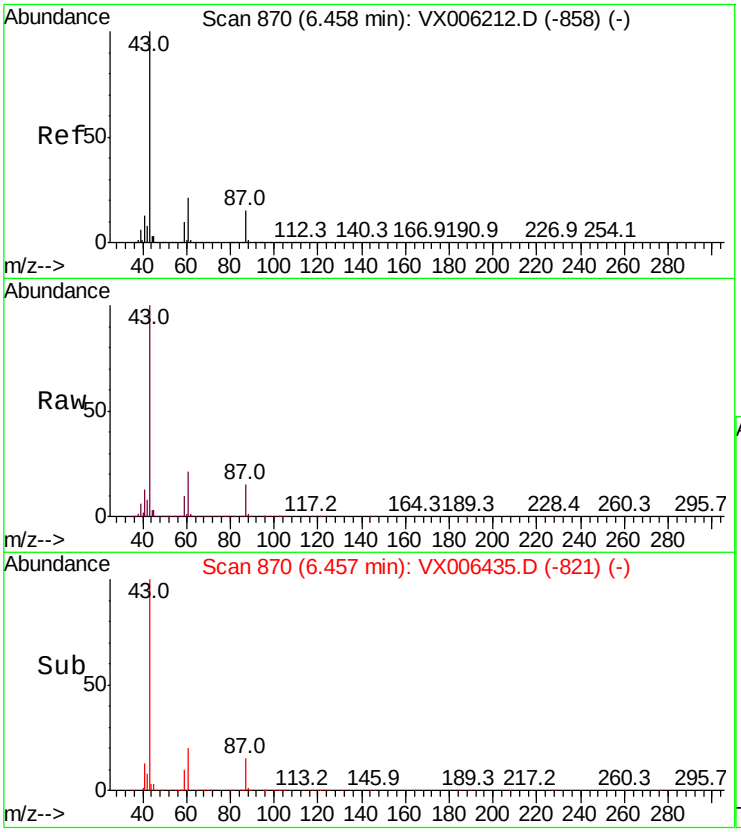




#42
1,2-Dichloroethane
Concen: 50.818 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 62 Resp: 387328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.3 | 0.0 | 20.2 |



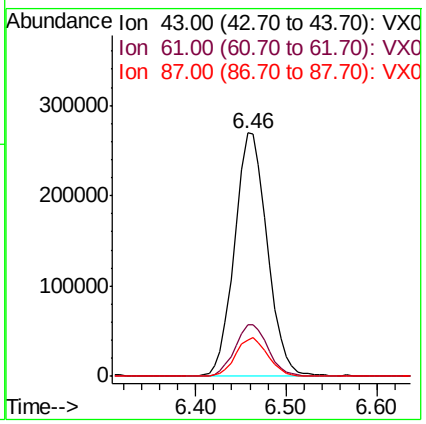


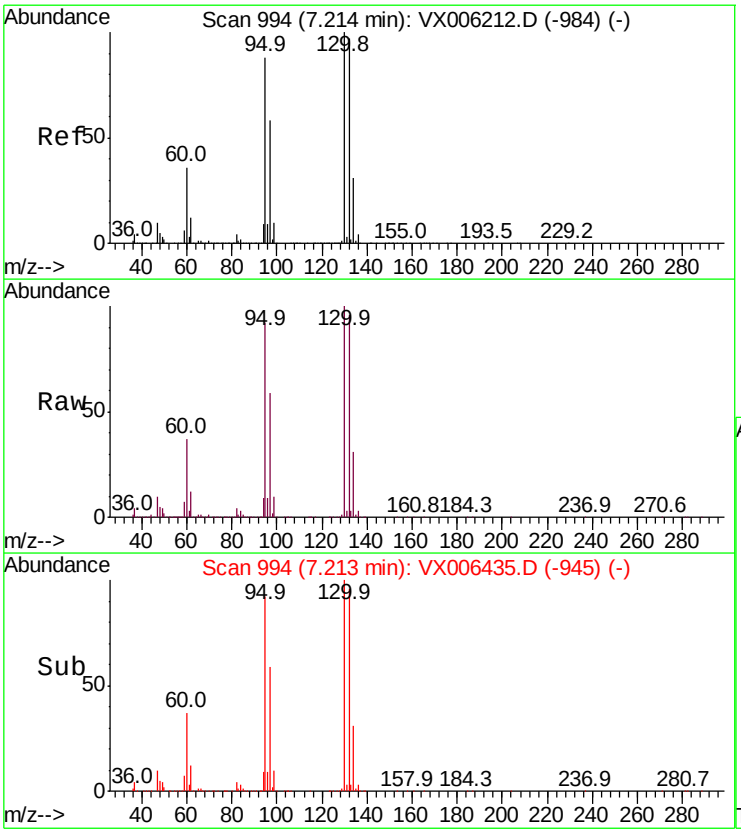

#43
Isopropyl Acetate
Concen: 46.304 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 43 Resp: 672247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 21.6 | 16.8 | 25.2 |
| 87 | 15.8 | 11.9 | 17.9 |

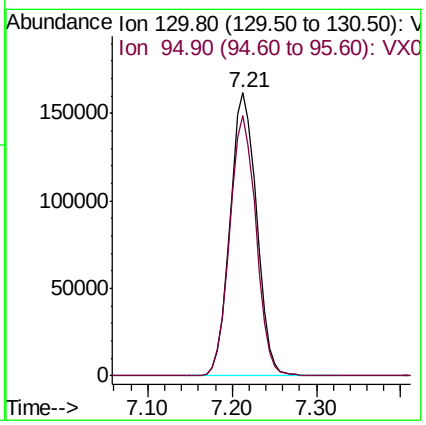


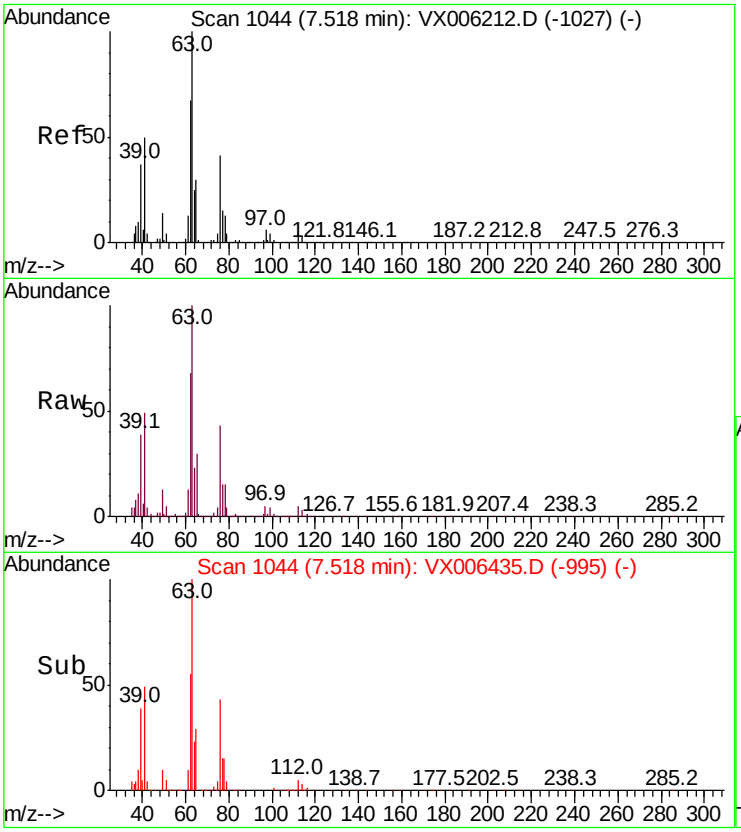




#44
Trichloroethene
Concen: 48.705 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion:130 Resp: 343615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 91.9 | 0.0 | 175.8 |



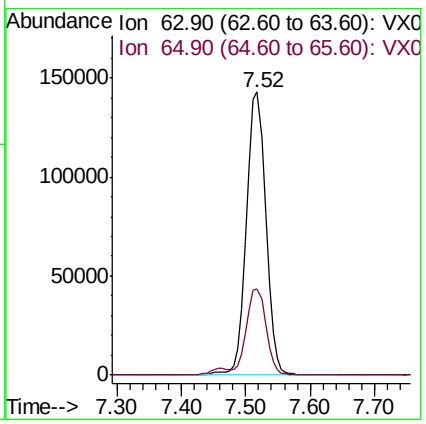


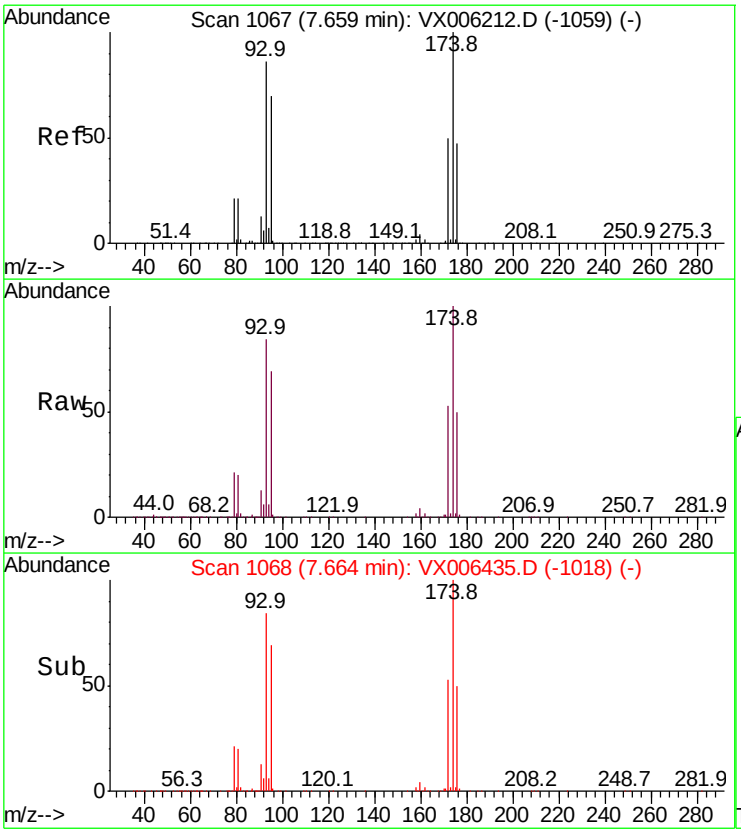

#45
1,2-Dichloropropane
Concen: 49.575 ug/l
RT: 7.52 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 63 Resp: 293425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.4 | 24.3 | 36.5 |

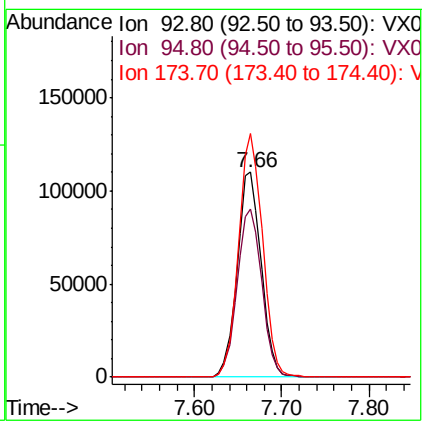


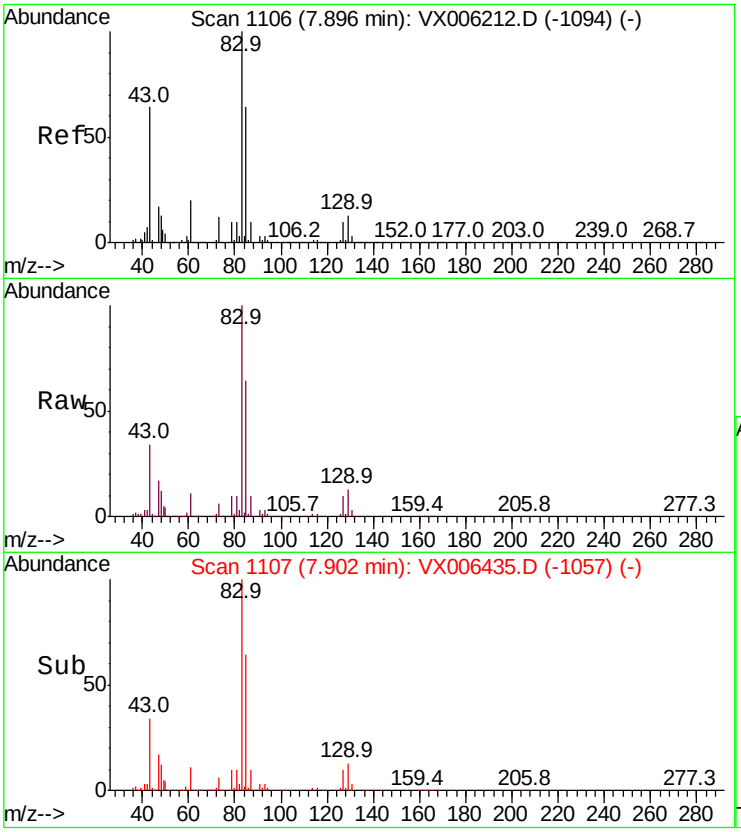




#46
Dibromomethane
Concen: 49.184 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 93 Resp: 210246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.4 | 66.2 | 99.4 |
| 174 | 118.3 | 97.2 | 145.8 |



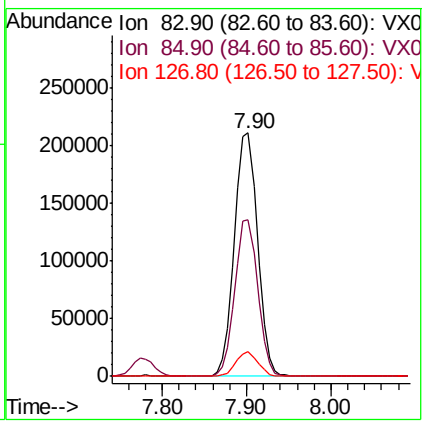


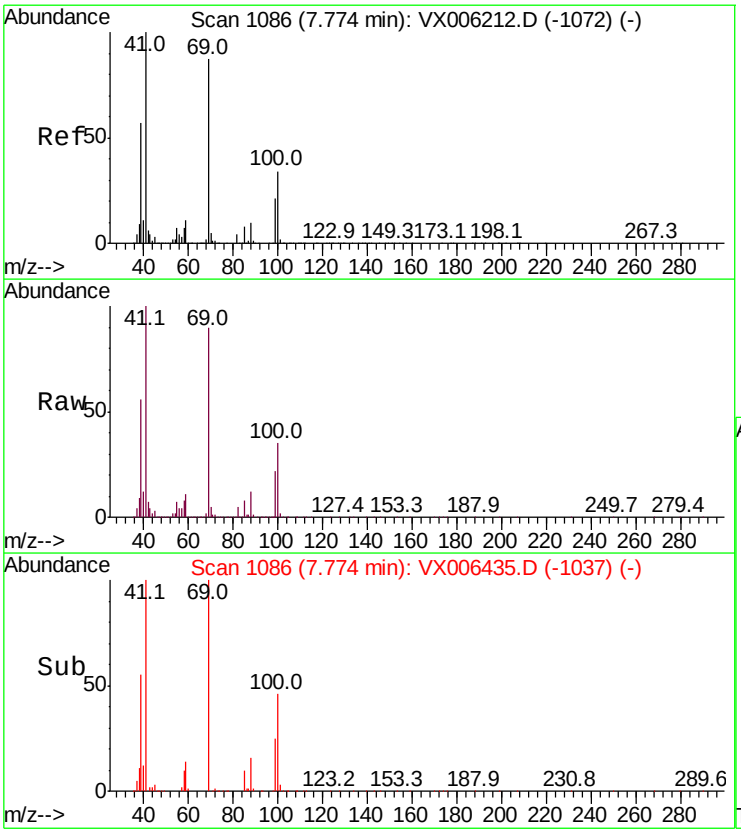

#47
Bromodichloromethane
Concen: 47.455 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 83 Resp: 392837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.1 | 51.4 | 77.0 |
| 127 | 10.0 | 7.9 | 11.9 |

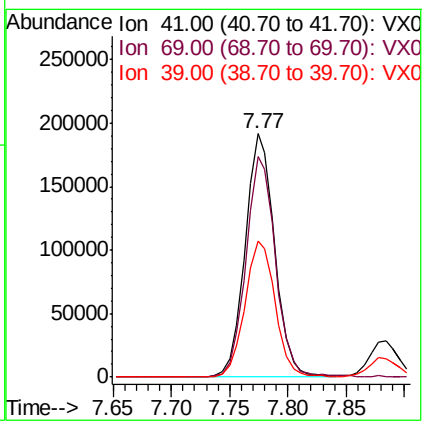


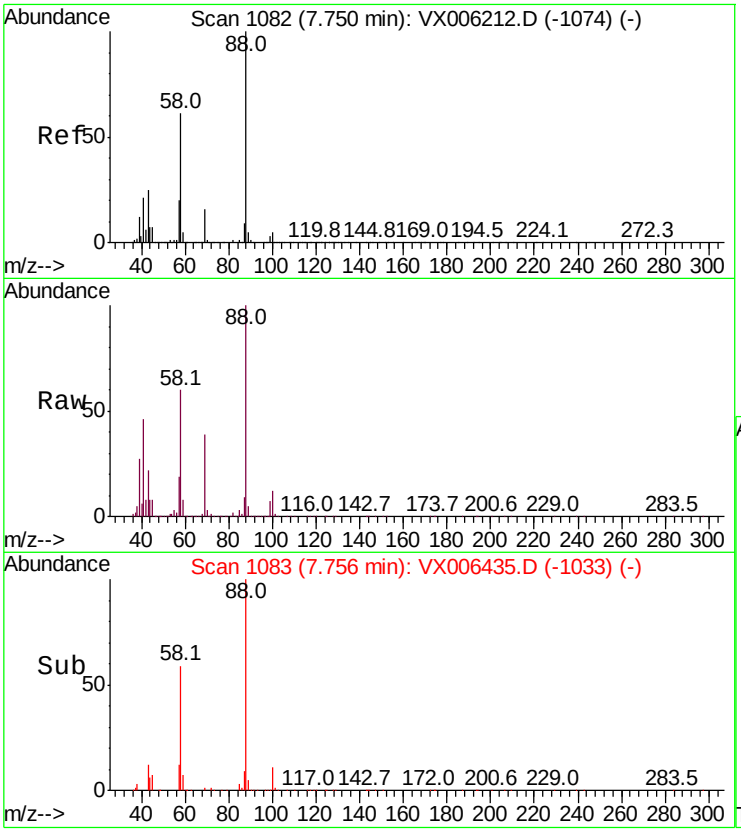




#48
Methyl methacrylate
Concen: 47.744 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 41 Resp: 337209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 91.1 | 70.3 | 105.5 |
| 39 | 57.0 | 45.3 | 67.9 |



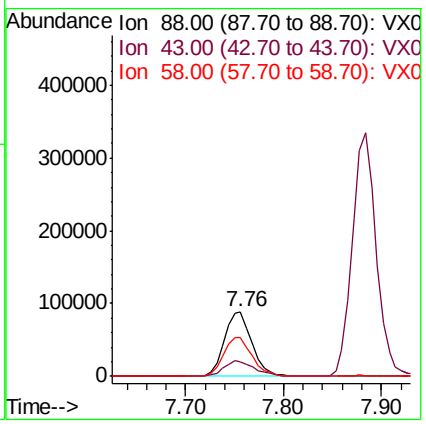


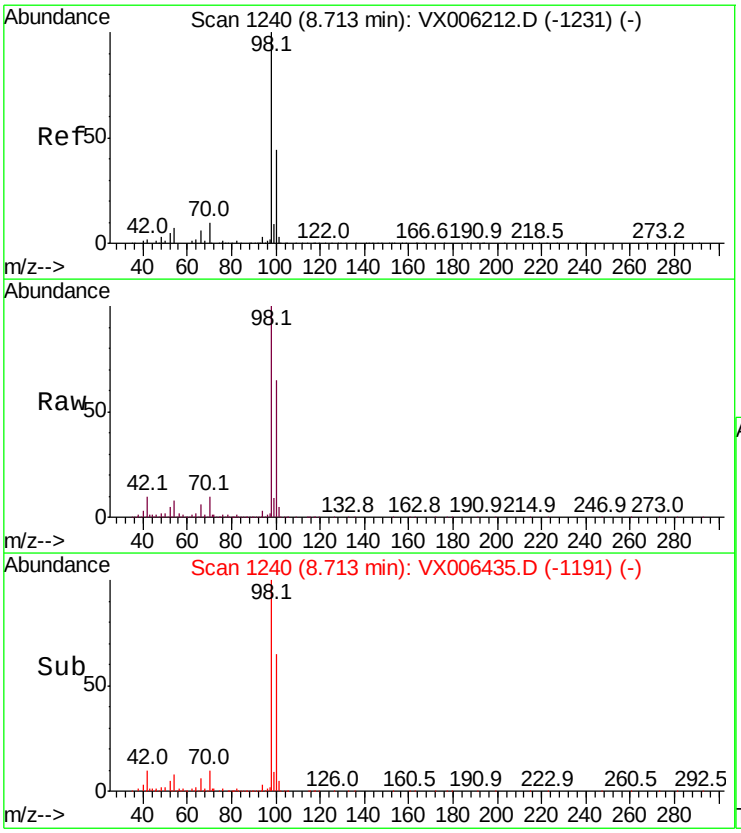

#49
1,4-Dioxane
Concen: 984.178 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 88 Resp: 171321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 26.2 | 23.2 | 34.8 |
| 58 | 64.1 | 51.4 | 77.0 |

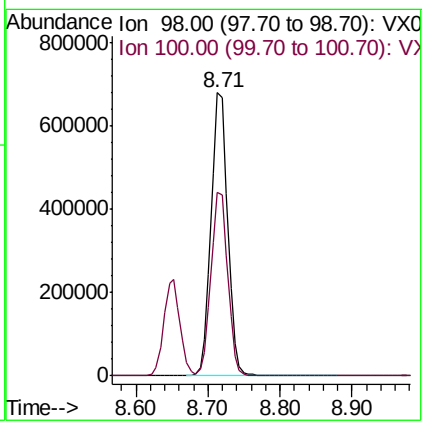


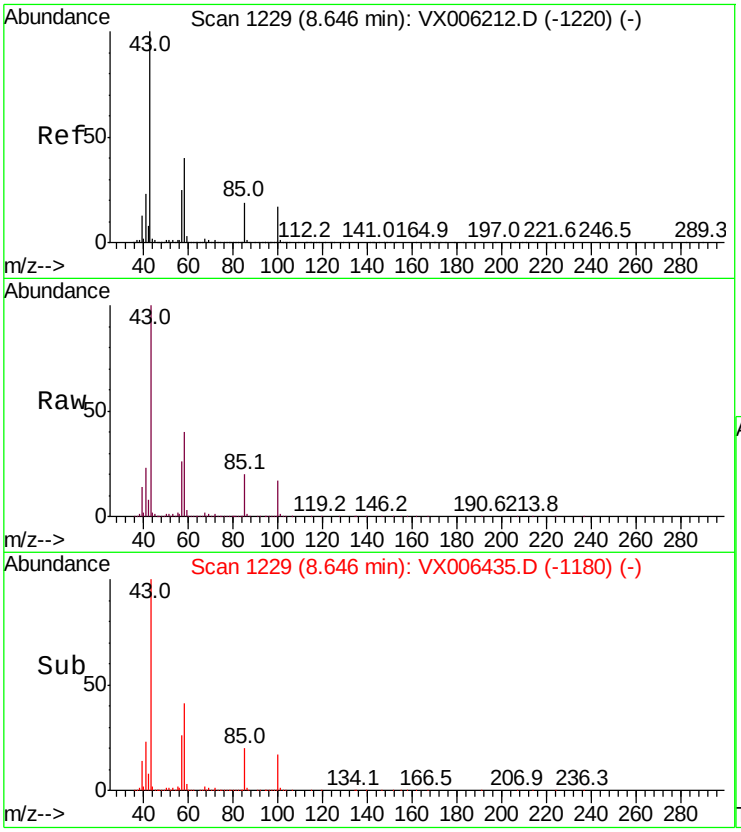




#50
Toluene-d8
Concen: 49.910 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 98 Resp: 1085323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.2 | 52.2 | 78.2 |



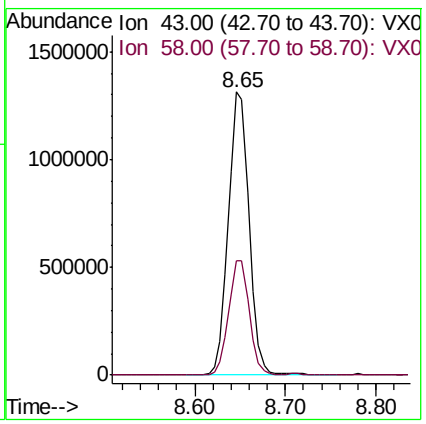


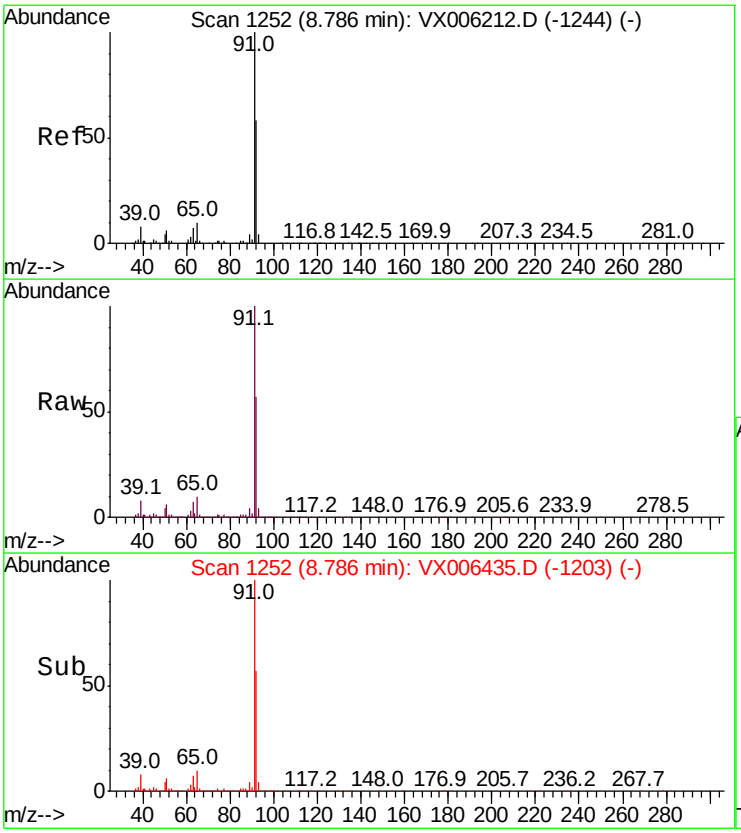

#51
4-Methyl-2-Pentanone
Concen: 246.078 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 43 Resp: 2079761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.5 | 31.3 | 46.9 |

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

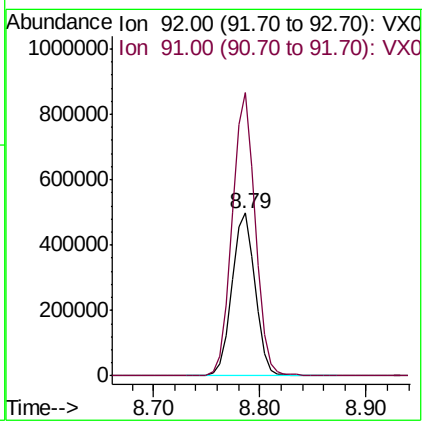


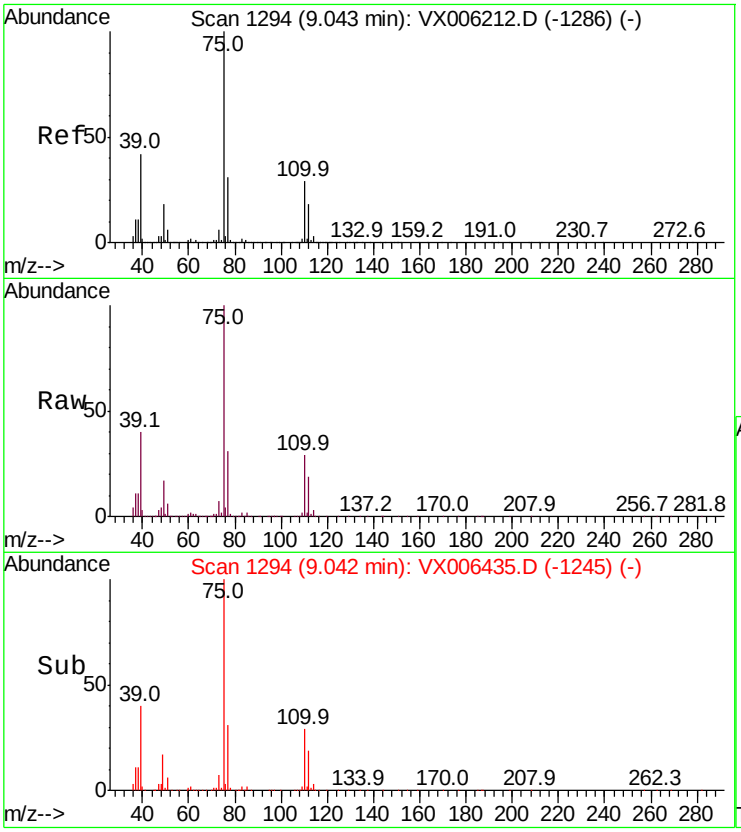




#52
Toluene
Concen: 49.861 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 92 Resp: 763937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.7 | 139.2 | 208.8 |



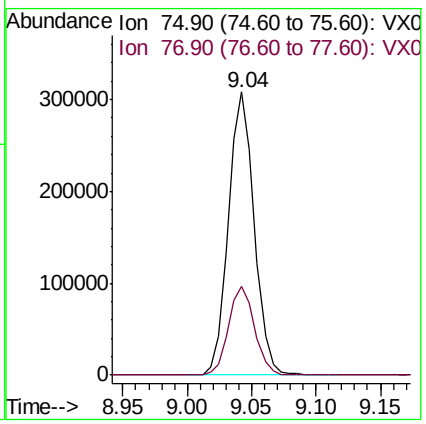


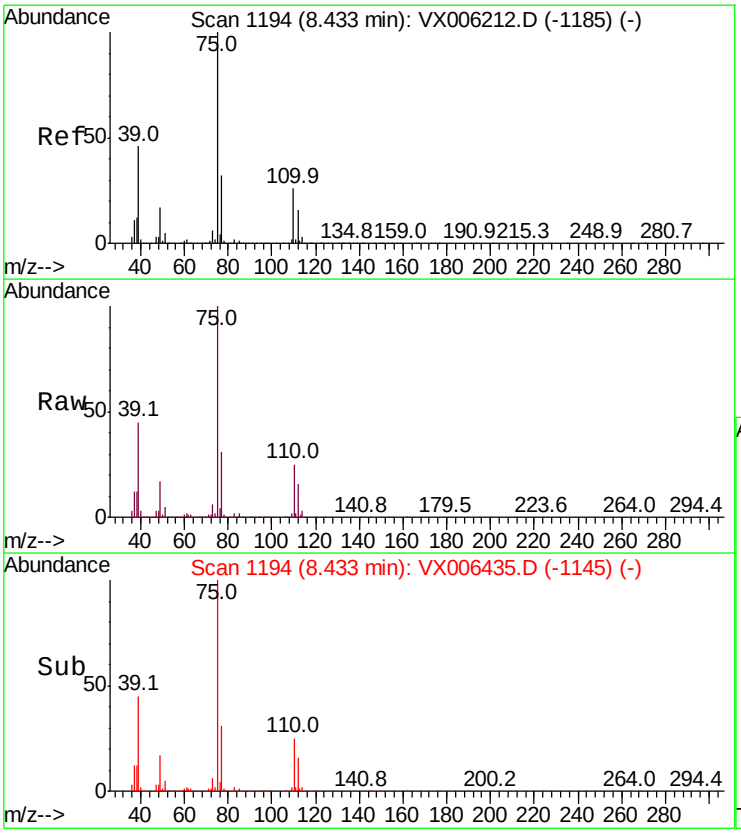

#53
t-1,3-Dichloropropene
Concen: 44.664 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 75 Resp: 432403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 25.0 | 37.4 |

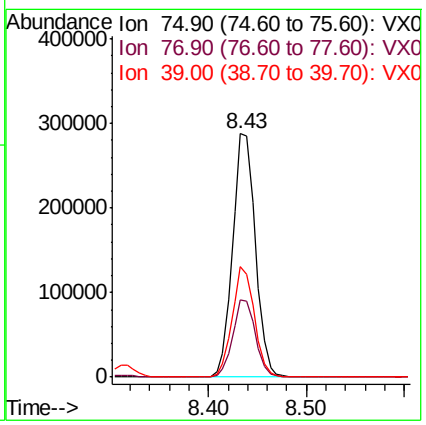


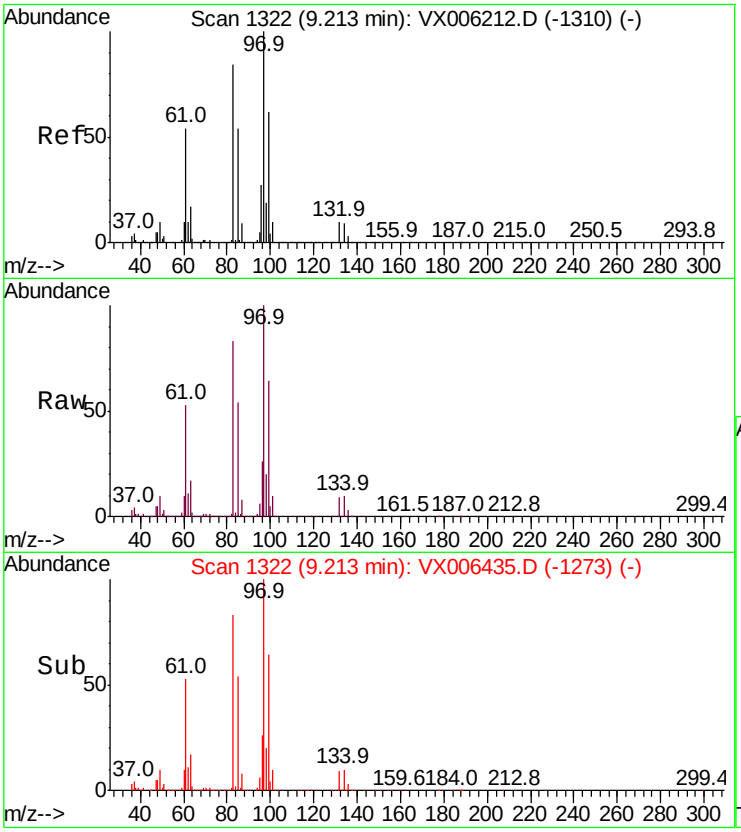




#54
cis-1,3-Dichloropropene
Concen: 46.297 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 75 Resp: 465415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.5 | 25.6 | 38.4 |
| 39 | 45.1 | 36.5 | 54.7 |



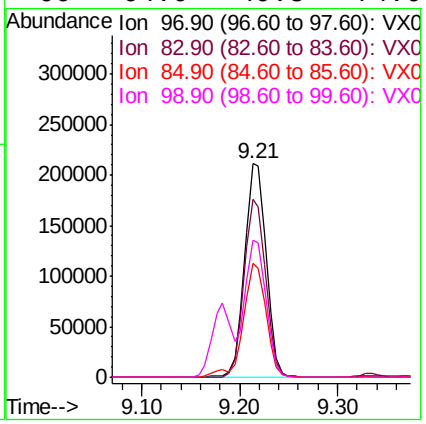


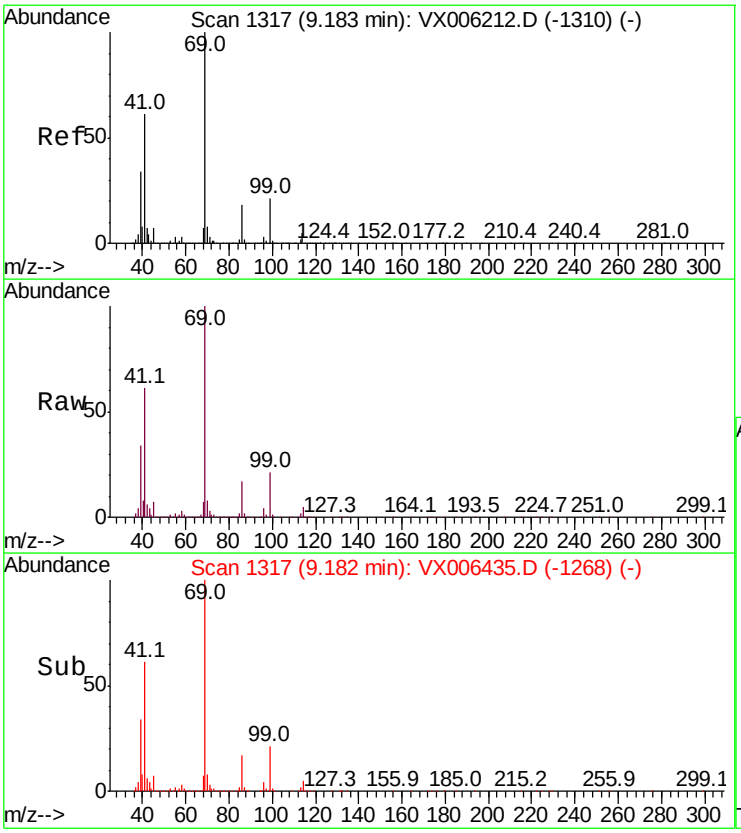

#55
1,1,2-Trichloroethane
Concen: 52.093 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 97 Resp: 324249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 83.5 | 67.1 | 100.7 |
| 85 | 53.6 | 43.2 | 64.8 |
| 99 | 64.0 | 49.8 | 74.6 |

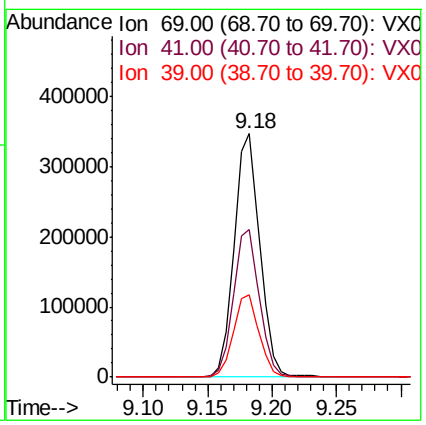


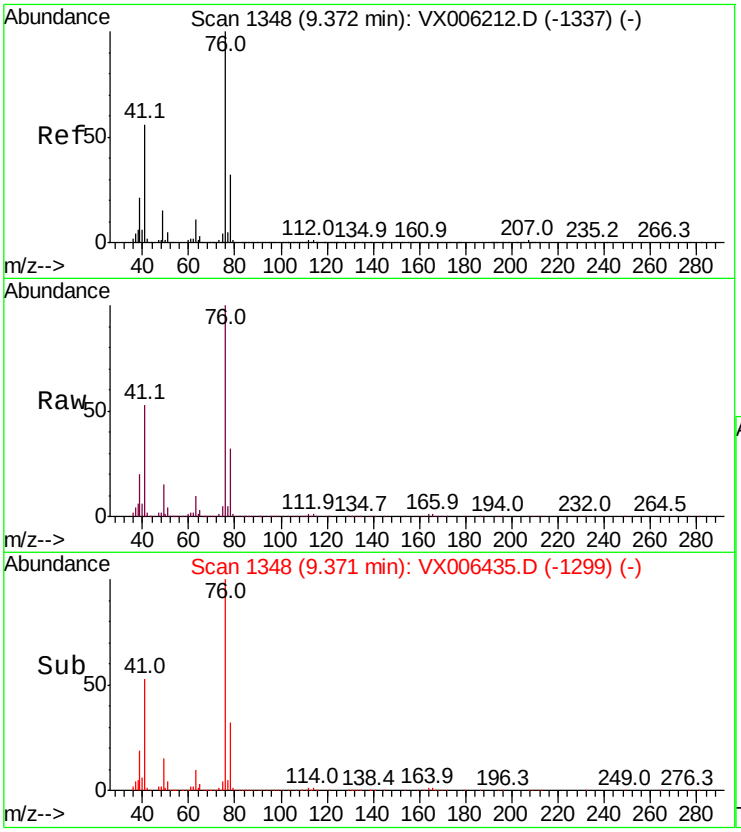




#56
Ethyl methacrylate
Concen: 49.330 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 69 Resp: 480018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 61.1 | 50.6 | 76.0 |
| 39 | 34.0 | 27.6 | 41.4 |



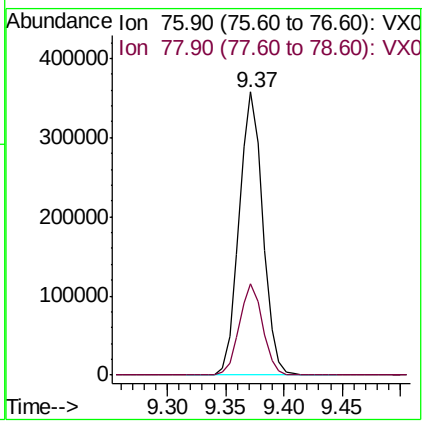


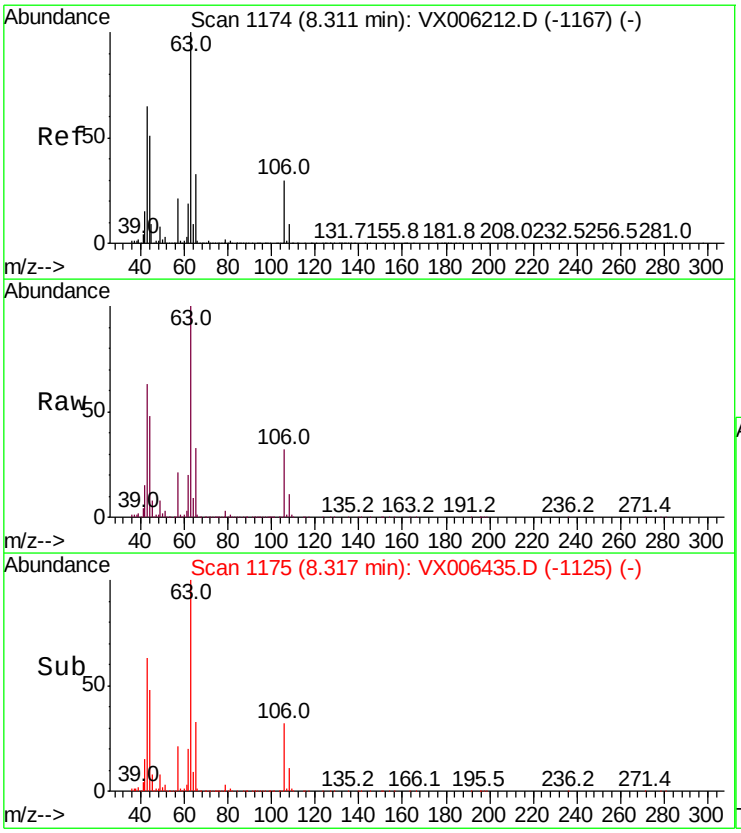

#57
1,3-Dichloropropane
Concen: 51.766 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 76 Resp: 509516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.9 | 26.1 | 39.1 |

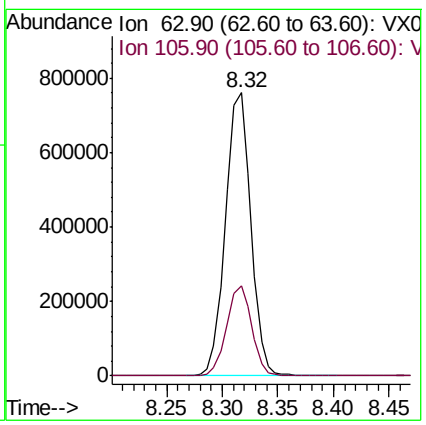


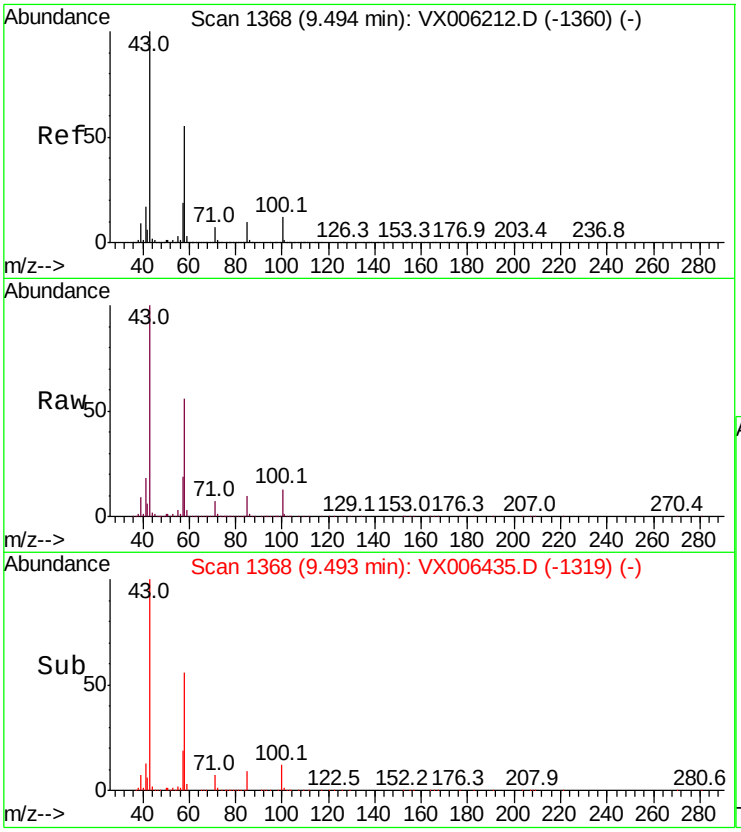




#58
2-Chloroethyl Vinyl ether
Concen: 242.951 ug/l
RT: 8.32 min Scan# 1175
Delta R.T. 0.01 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 63 Resp: 1199669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 31.6 | 24.9 | 37.3 |



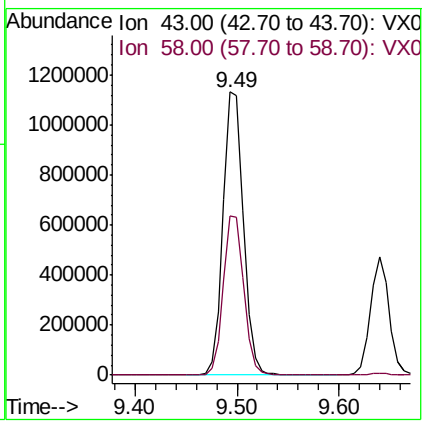


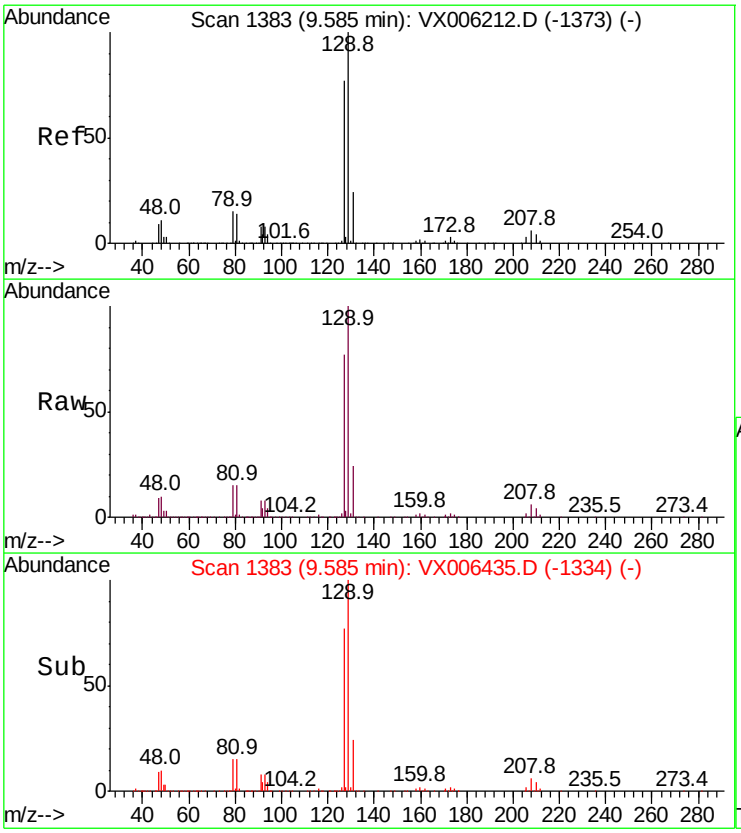

#59
2-Hexanone
Concen: 243.066 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 43 Resp: 1569496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 56.4 | 27.7 | 83.1 |

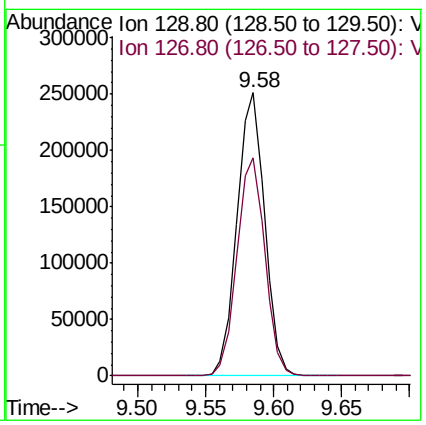


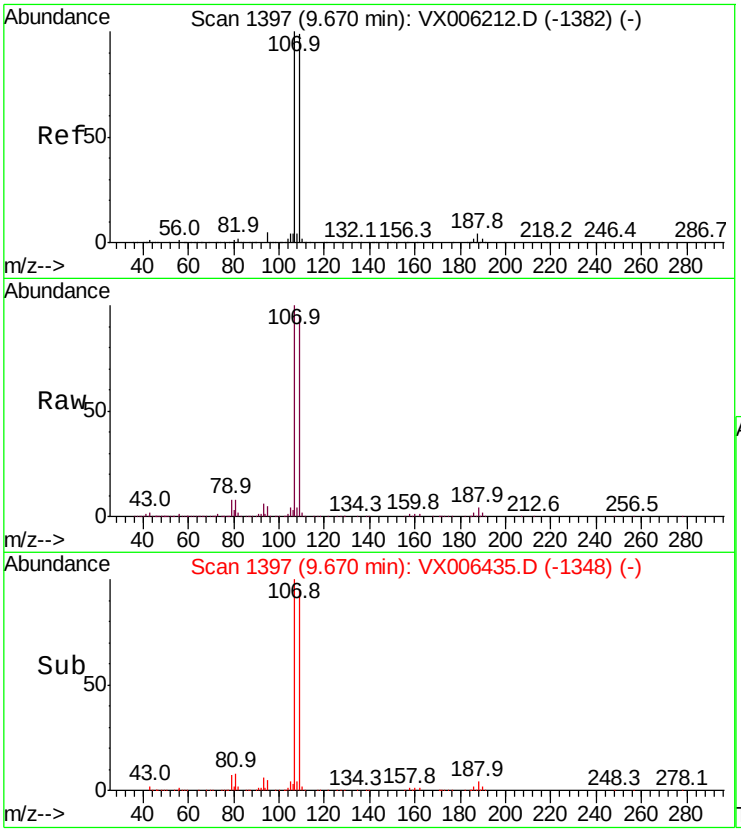




#60
Dibromochloromethane
Concen: 46.487 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion:129 Resp: 356800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.8 | 38.6 | 115.8 |



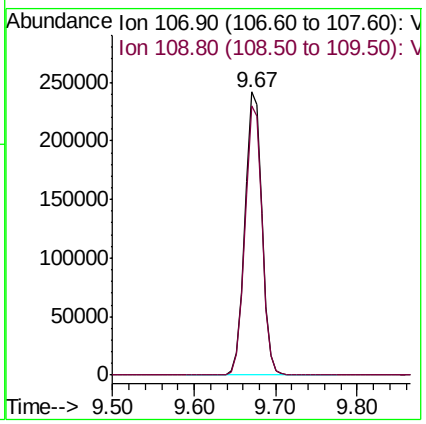


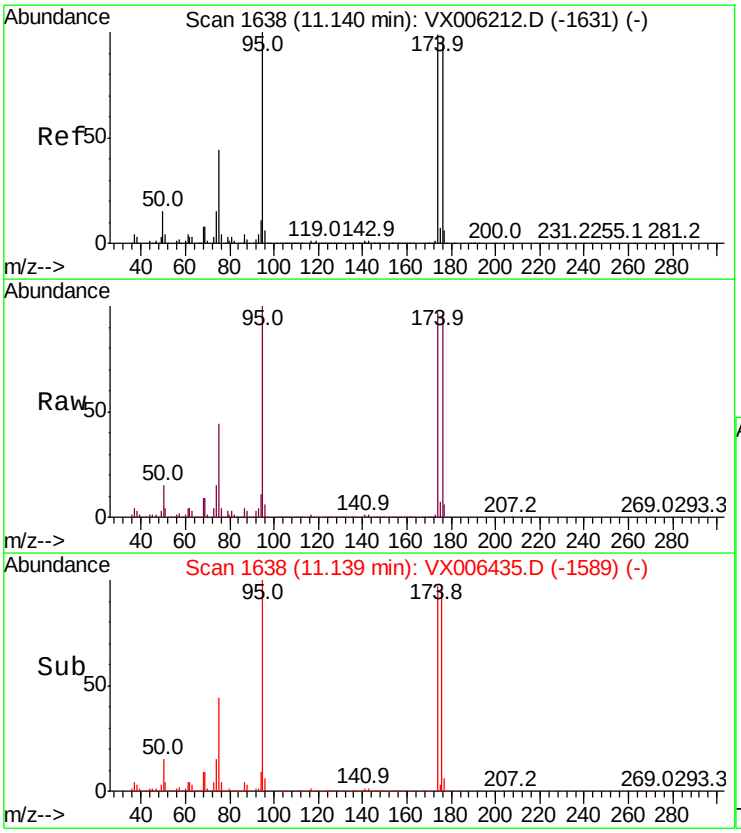

#61
1,2-Dibromoethane
Concen: 50.202 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion:107 Resp: 349397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.7 | 76.3 | 114.5 |

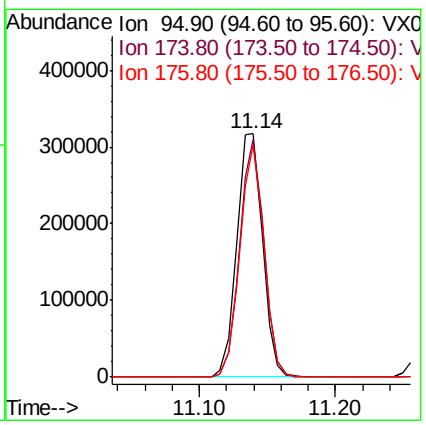


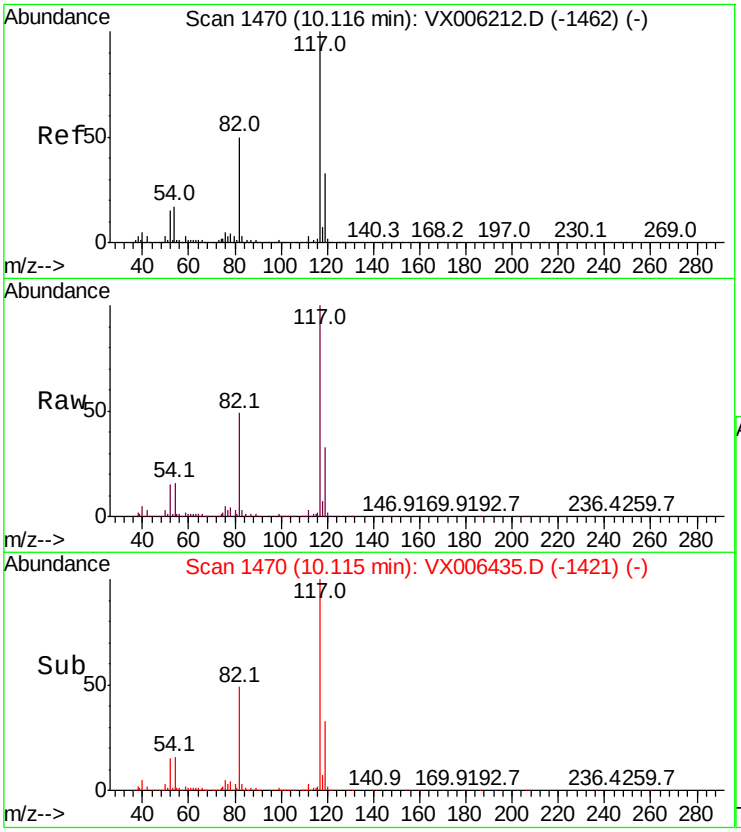




#62
4-Bromofluorobenzene
Concen: 51.030 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 95 Resp: 418164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 91.7 | 0.0 | 187.0 |
| 176 | 89.3 | 0.0 | 181.8 |



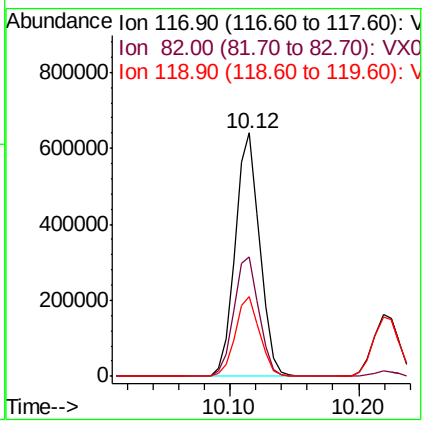


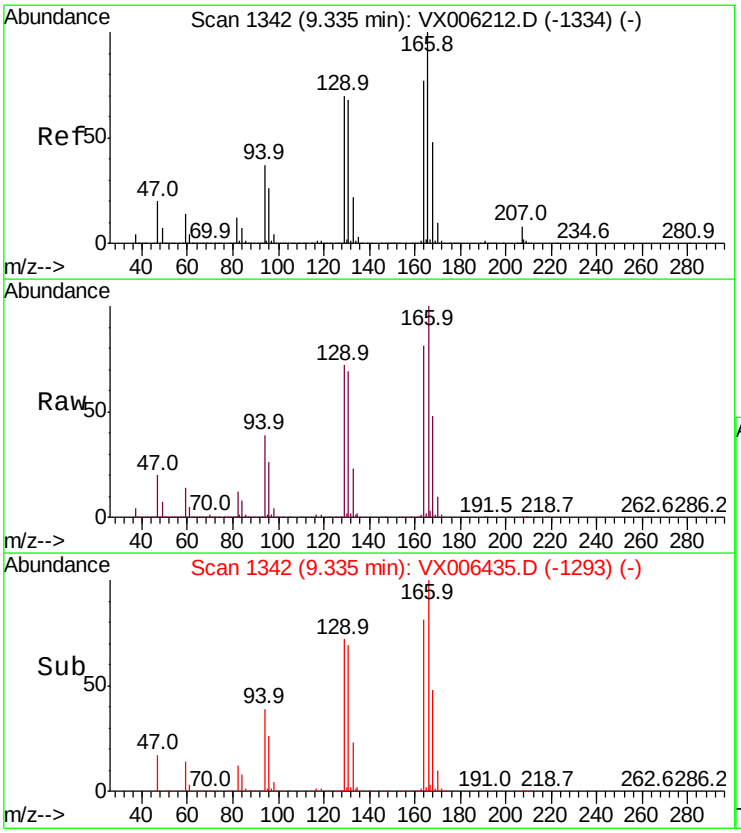

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion:117 Resp: 842878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 49.2 | 39.6 | 59.4 |
| 119 | 32.6 | 26.3 | 39.5 |

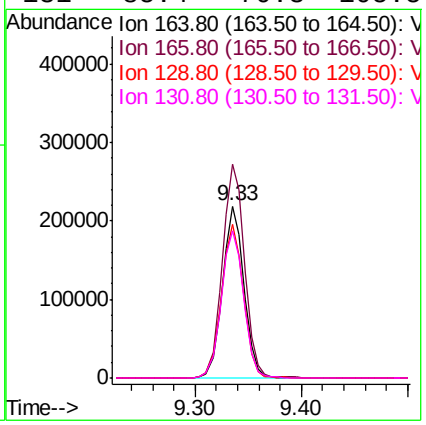


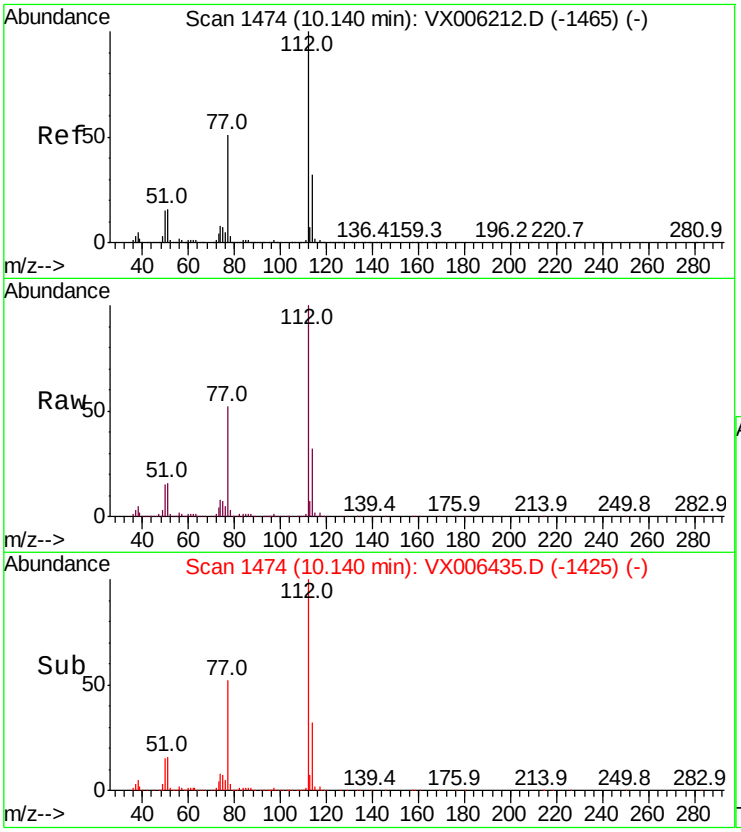




#64
Tetrachloroethene
Concen: 48.732 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion:164 Resp: 309330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 124.1 | 104.2 | 156.2 |
| 129 | 88.9 | 72.6 | 108.8 |
| 131 | 85.4 | 70.3 | 105.5 |



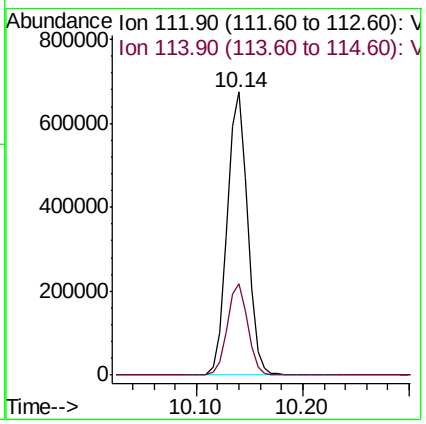


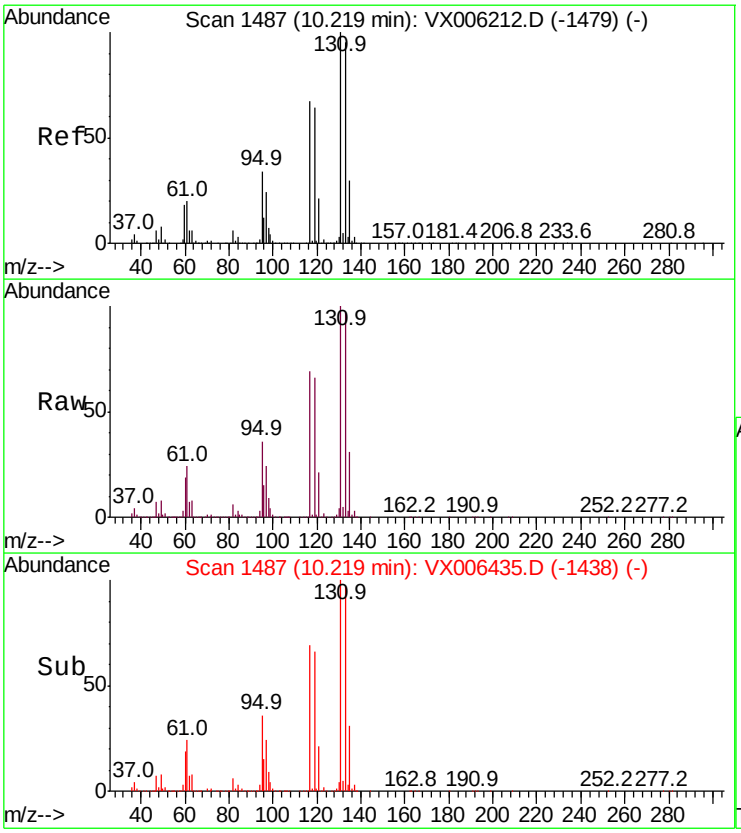

#65
Chlorobenzene
Concen: 50.756 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion:112 Resp: 908144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.2 | 25.4 | 38.2 |

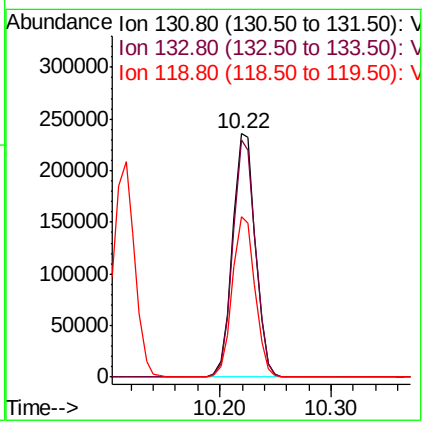


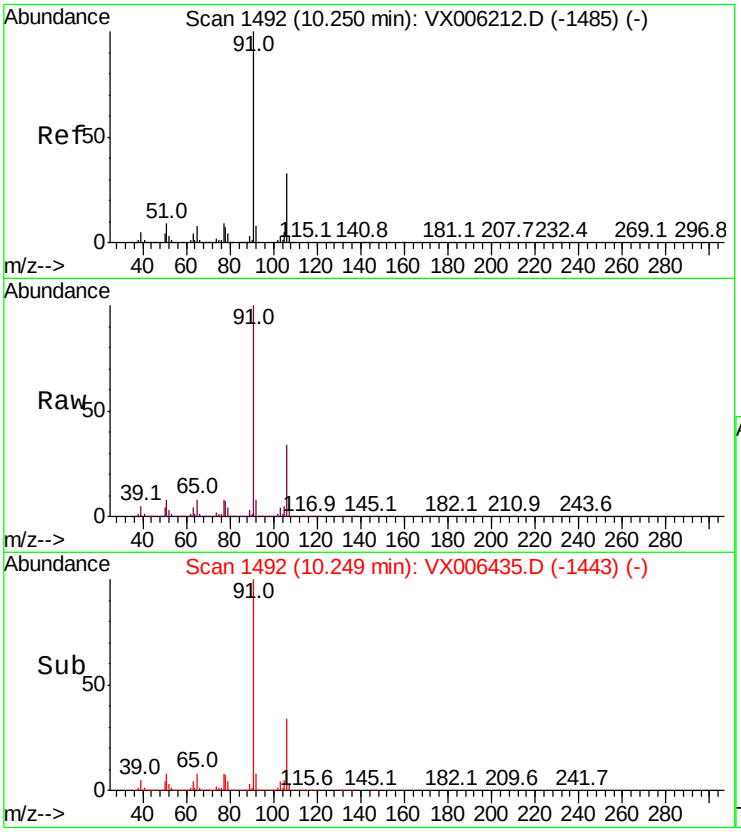




#66
1,1,1,2-Tetrachloroethane
Concen: 48.033 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion:131 Resp: 333916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.2 | 48.1 | 144.4 |
| 119 | 65.5 | 32.1 | 96.3 |



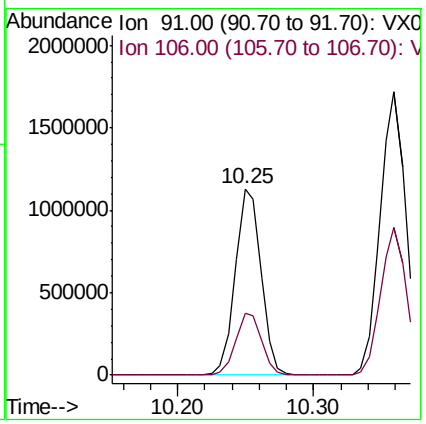


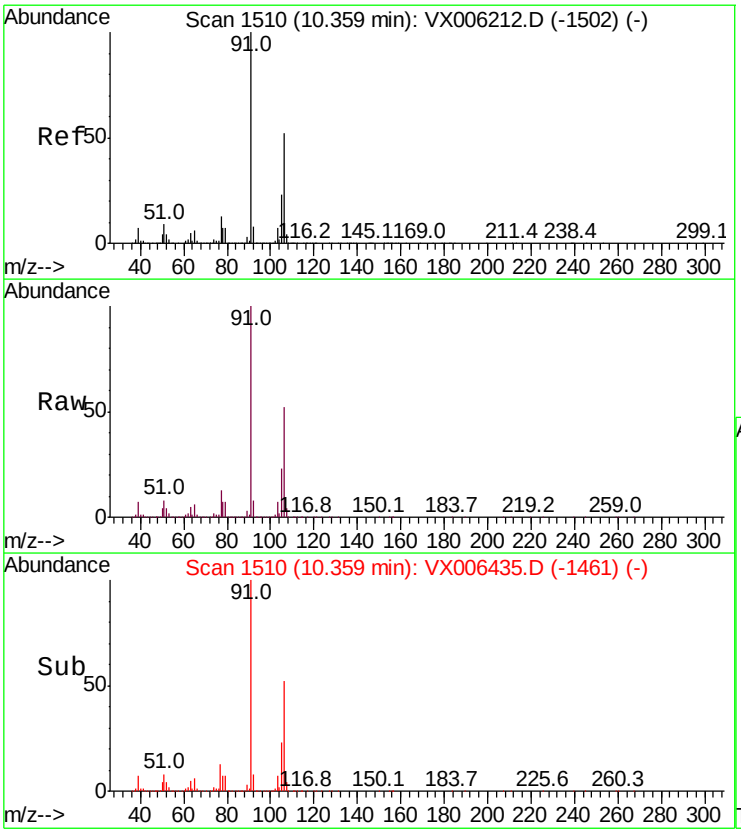

#67
Ethyl Benzene
Concen: 49.968 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 91 Resp: 1486983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 33.5 | 26.5 | 39.7 |

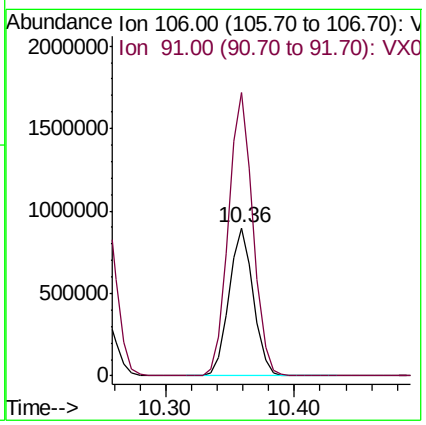


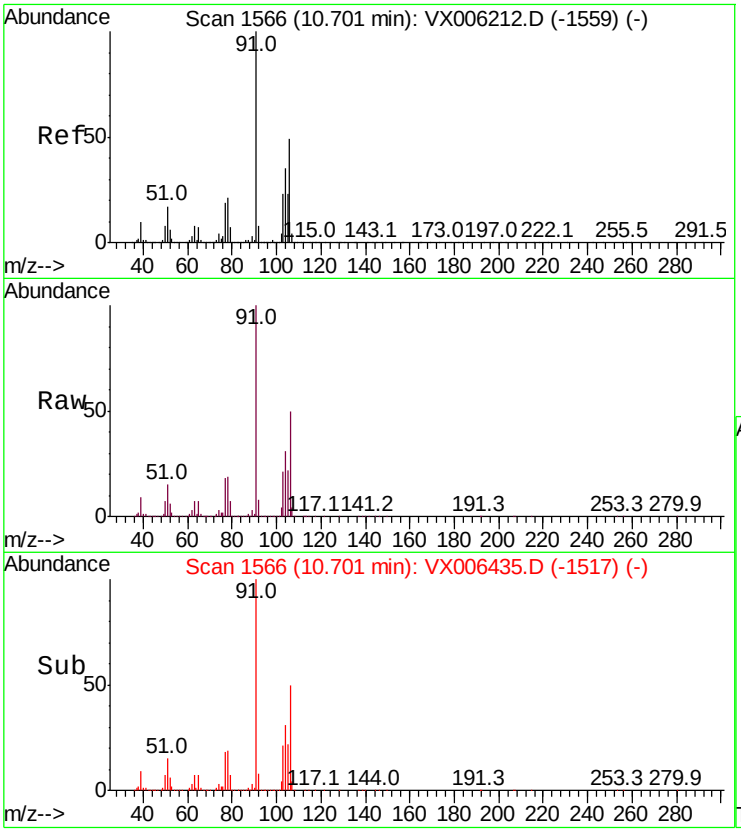




#68
m/p-Xylenes
Concen: 99.272 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion:106 Resp: 1183372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 192.7 | 155.2 | 232.8 |



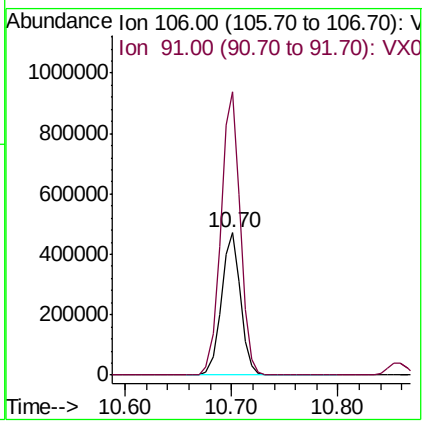


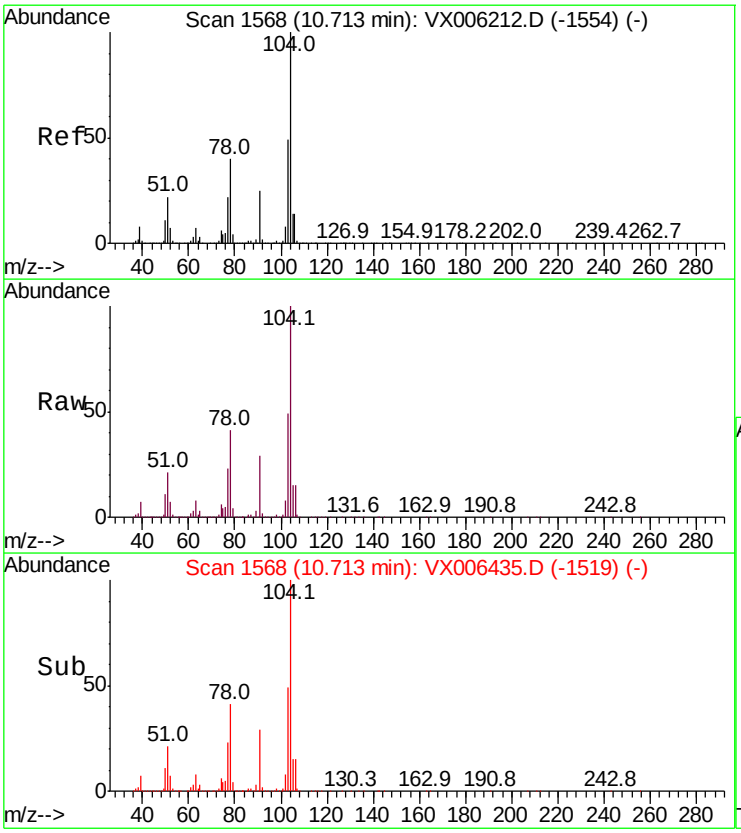

#69
o-Xylene
Concen: 50.001 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion:106 Resp: 588740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 201.2 | 101.8 | 305.6 |

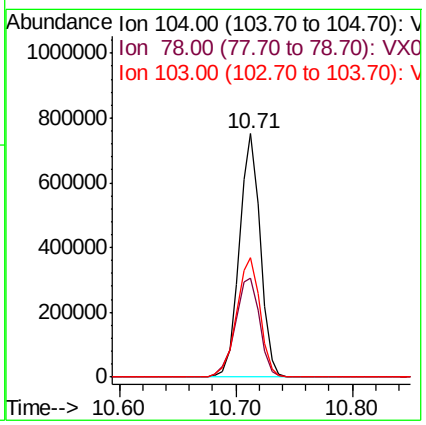


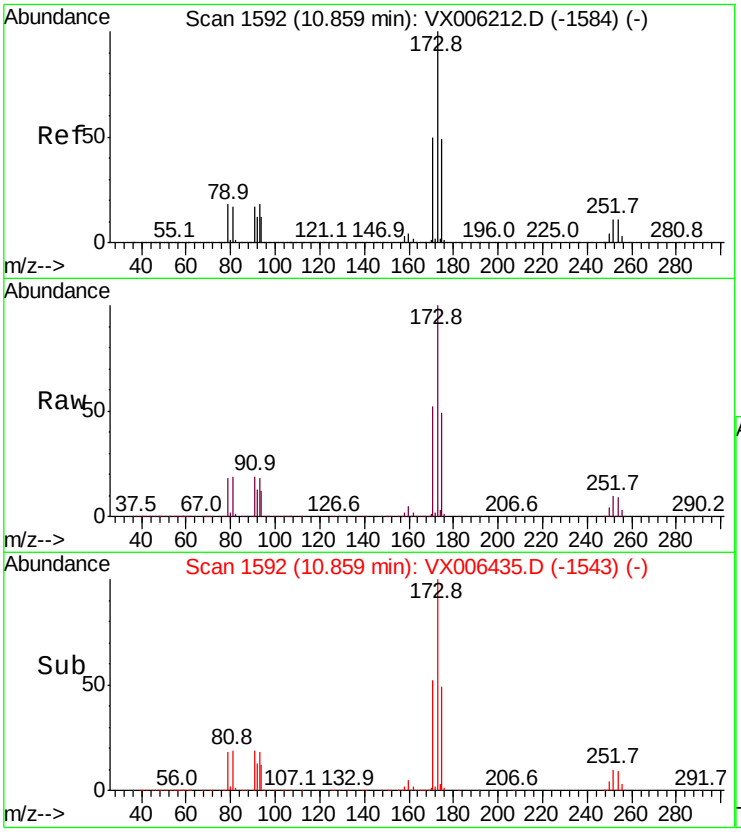




#70
Styrene
Concen: 49.637 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion:104 Resp: 945271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 47.2 | 37.2 | 55.8 |
| 103 | 54.9 | 43.5 | 65.3 |



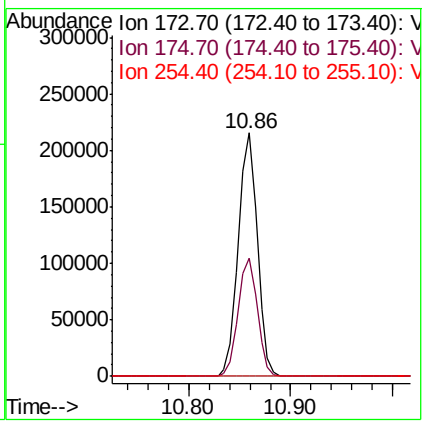


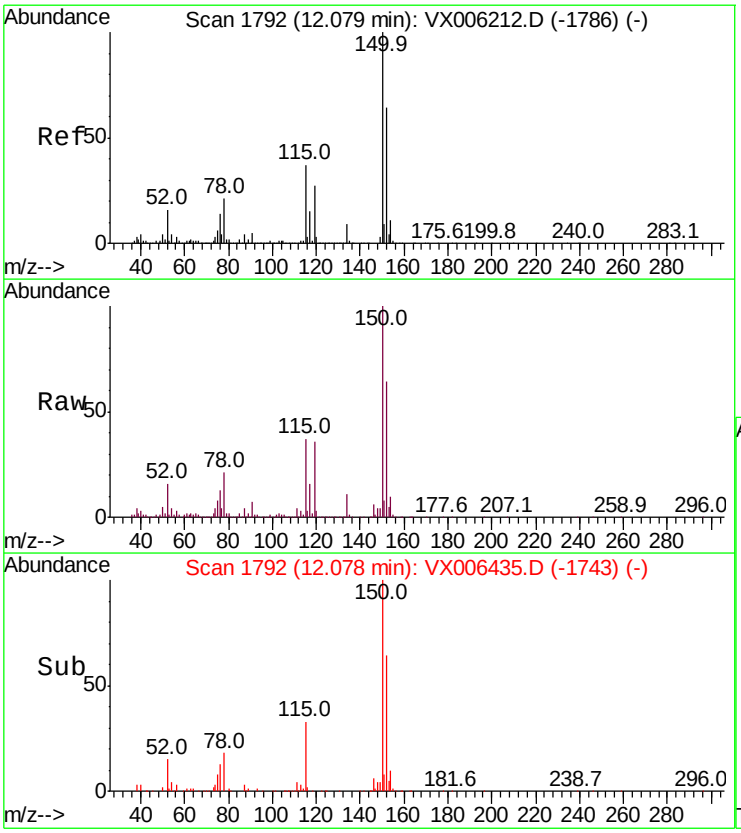

#71
Bromoform
Concen: 42.195 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion:173 Resp: 276902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.5 | 24.6 | 73.8 |
| 254 | 0.1 | 0.2 | 0.2# |

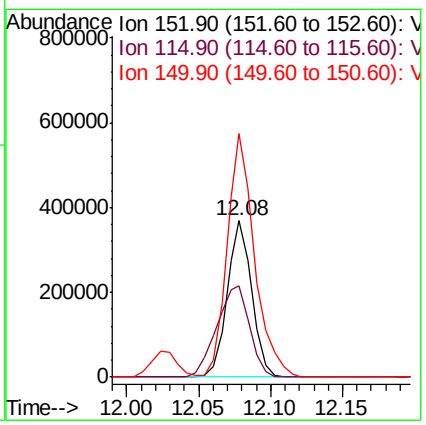


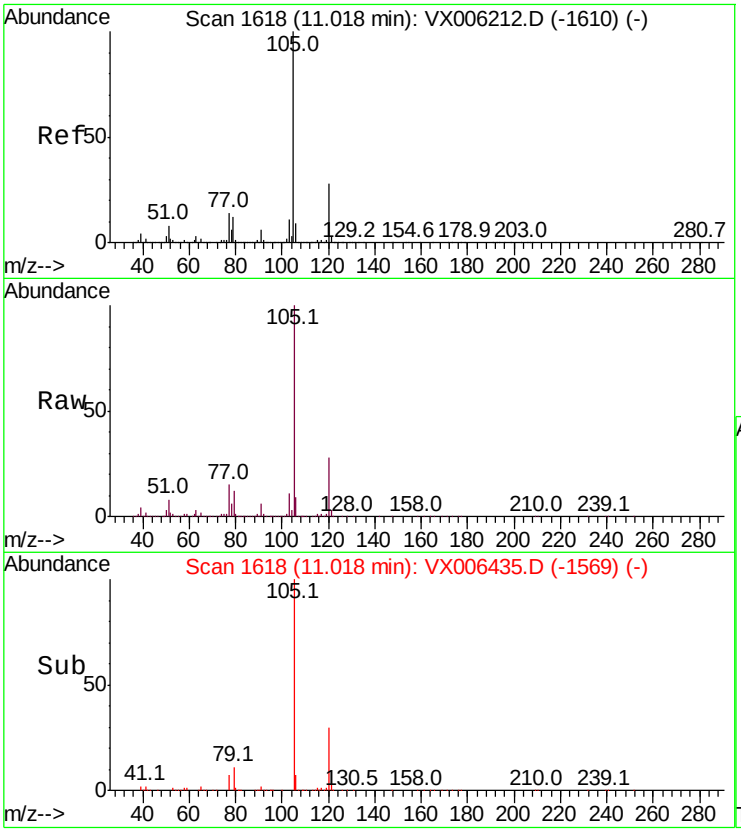




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion:152 Resp: 440617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 77.8 | 39.0 | 116.9 |
| 150 | 173.4 | 0.0 | 345.8 |



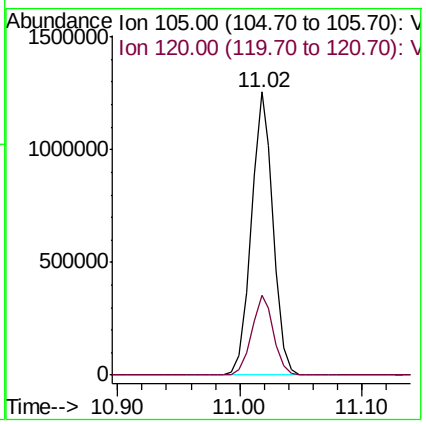


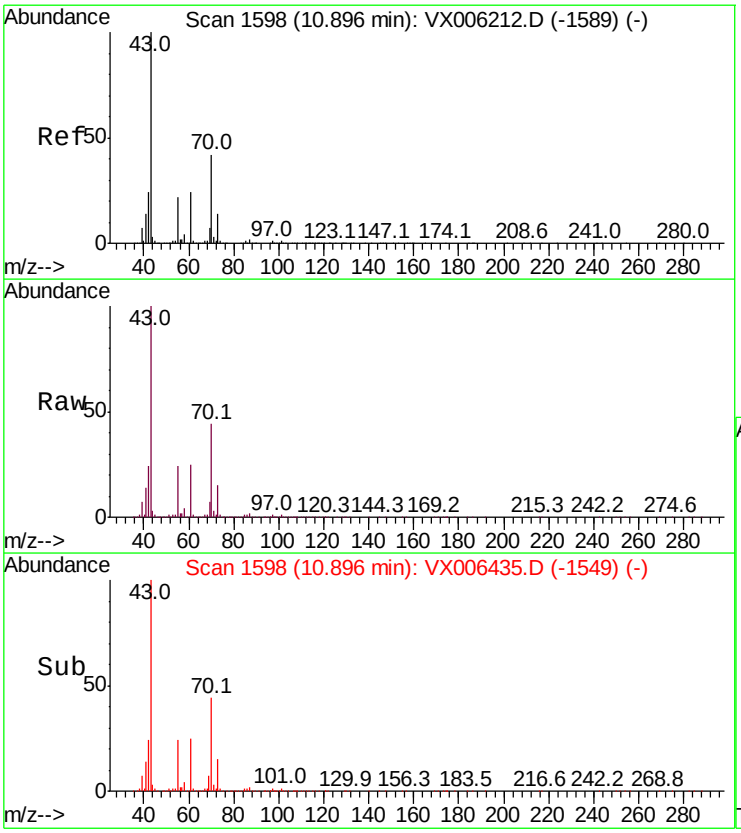

#73
Isopropylbenzene
Concen: 51.099 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion:105 Resp: 1554861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 28.3 | 14.1 | 42.3 |

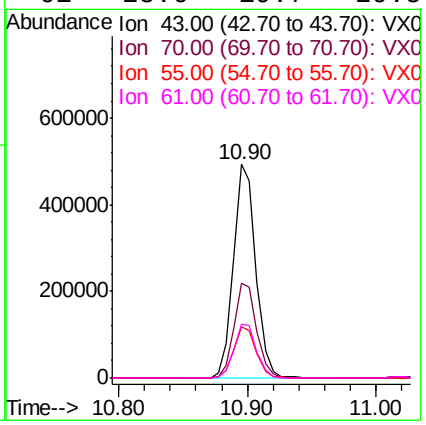


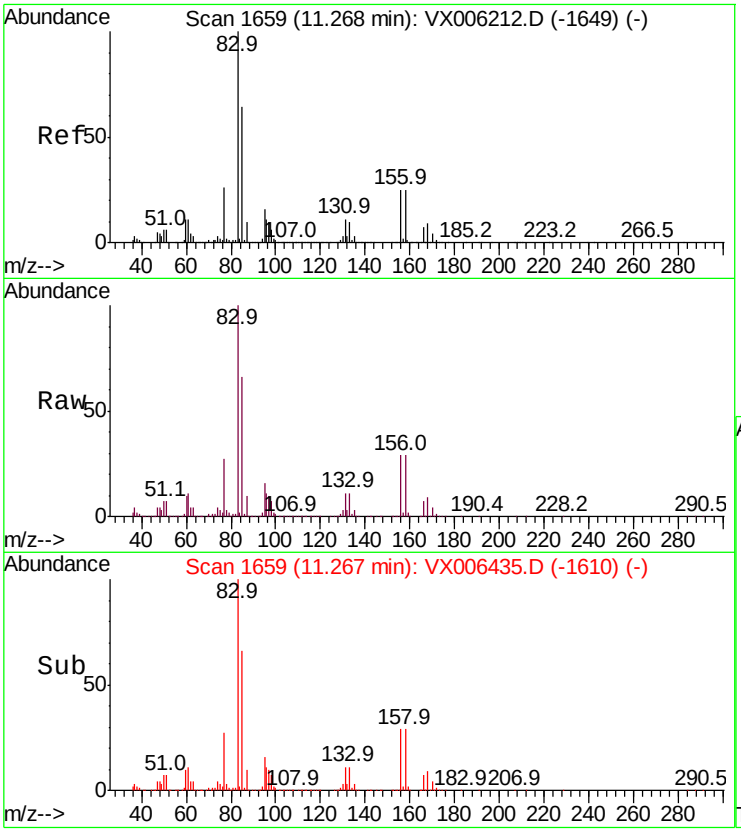




#74
N-amyl acetate
Concen: 45.425 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 43 Resp: 595212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 45.0 | 34.1 | 51.1 |
| 55 | 24.2 | 17.8 | 26.8 |
| 61 | 25.6 | 19.7 | 29.5 |



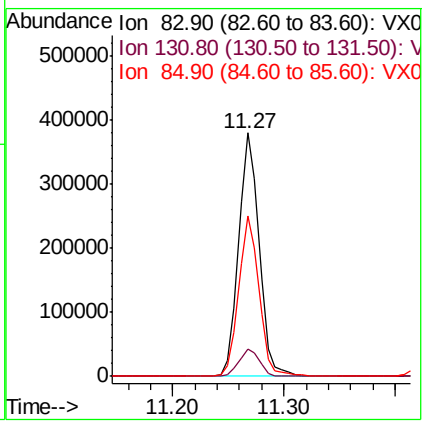


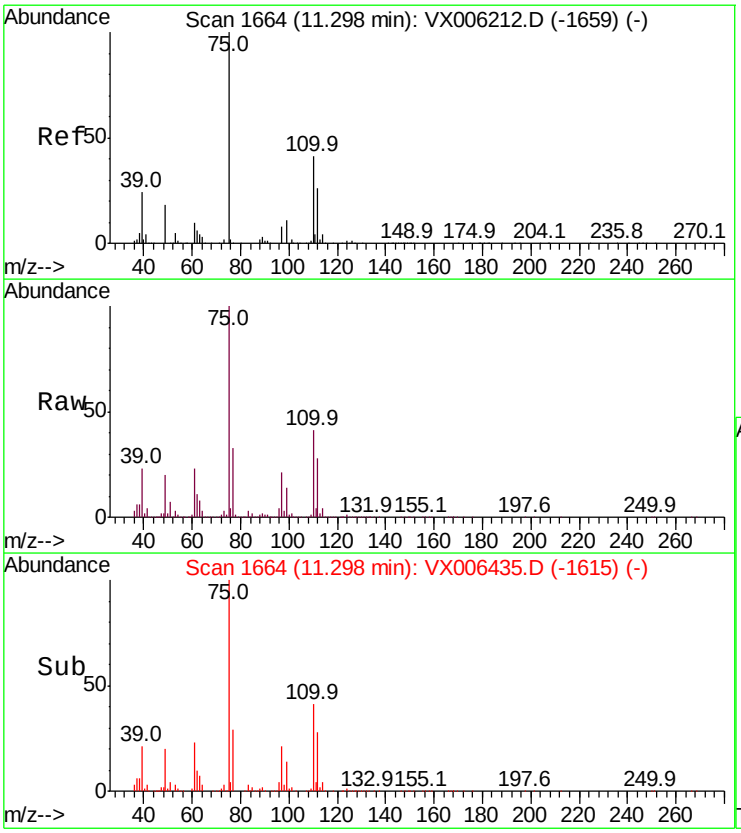

#75
1,1,2,2-Tetrachloroethane
Concen: 49.884 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 83 Resp: 485607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.1 | 5.7 | 17.1 |
| 85 | 65.1 | 32.1 | 96.5 |

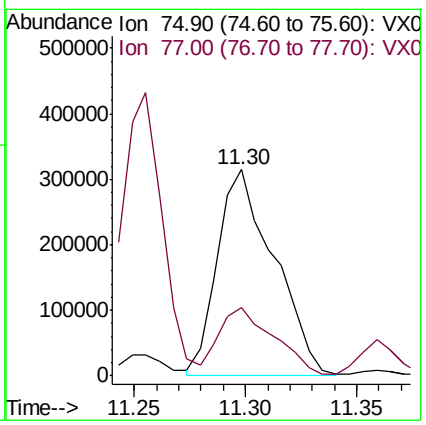


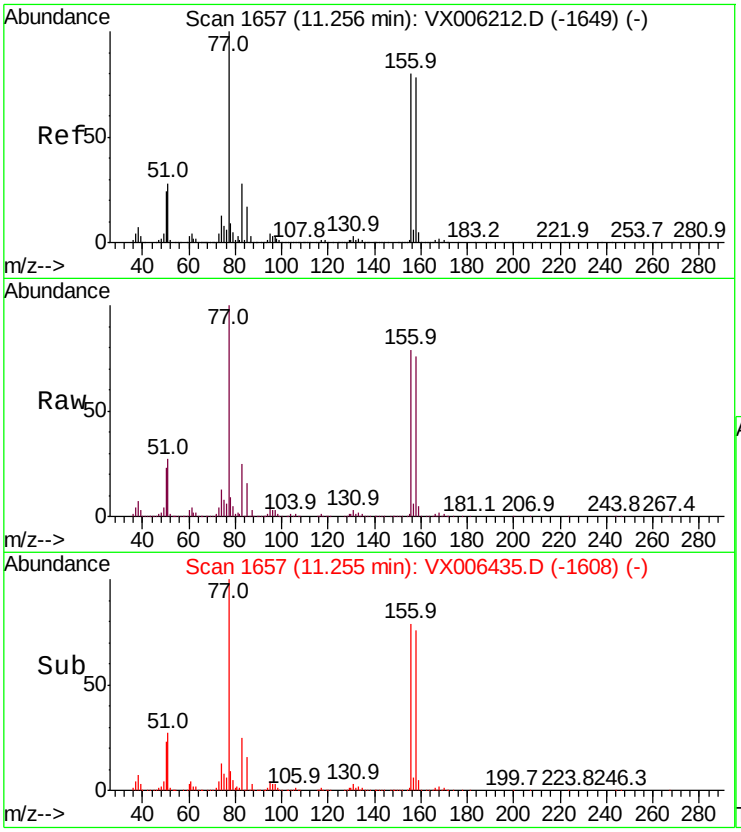




#76
1,2,3-Trichloropropane
Concen: 65.453 ug/l
RT: 11.30 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 75 Resp: 556651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.2 | 19.9 | 59.7 |



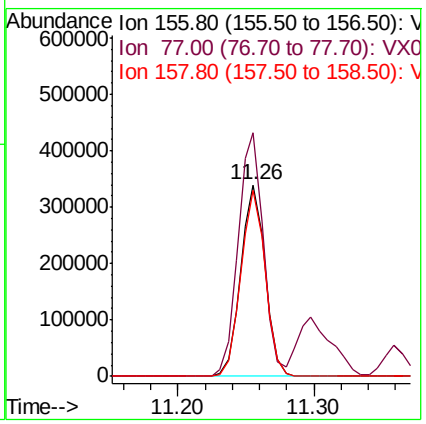


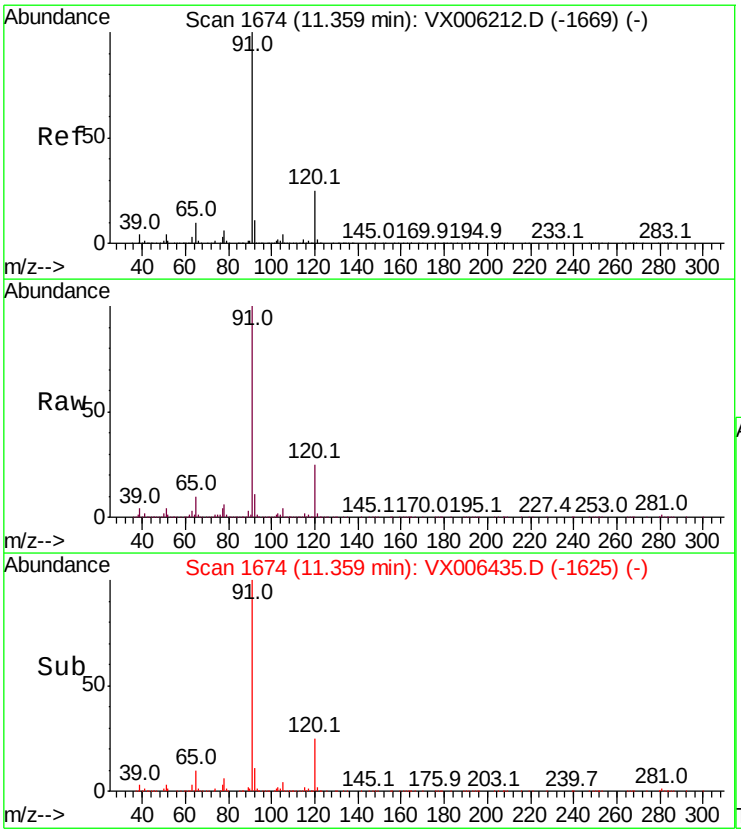

#77
Bromobenzene
Concen: 50.125 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion:156 Resp: 423275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 131.4 | 66.2 | 198.6 |
| 158 | 97.1 | 48.8 | 146.4 |

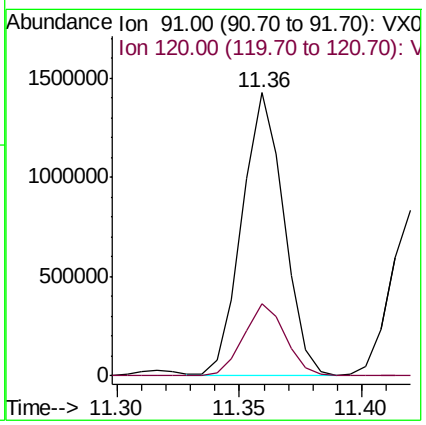


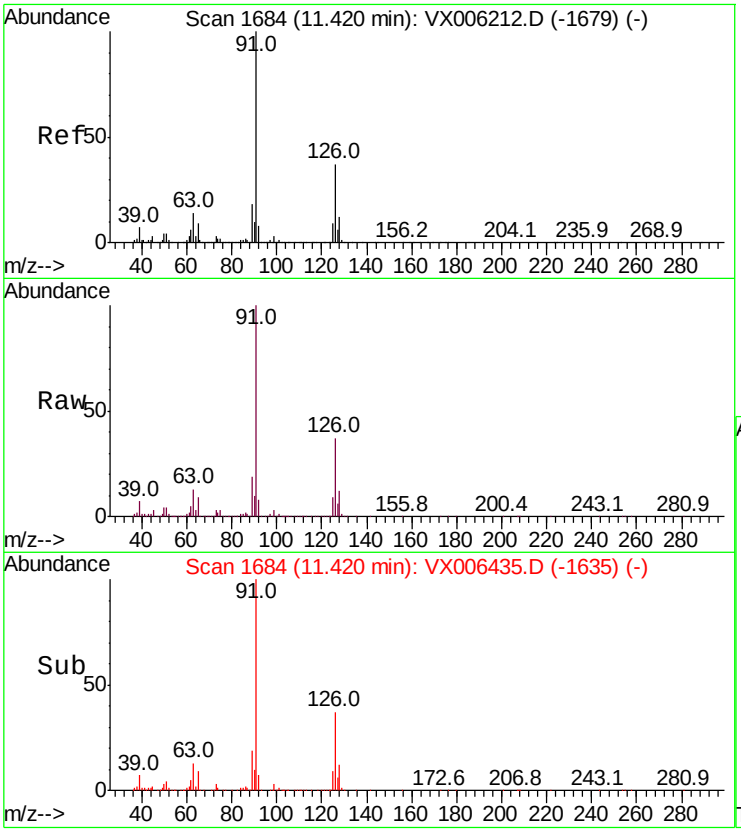




#78
n-propylbenzene
Concen: 50.055 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 91 Resp: 1693057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 25.5 | 12.7 | 38.0 |



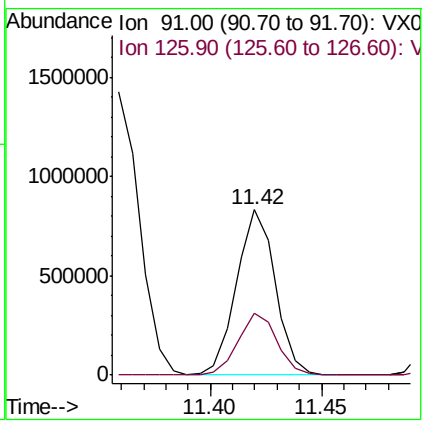


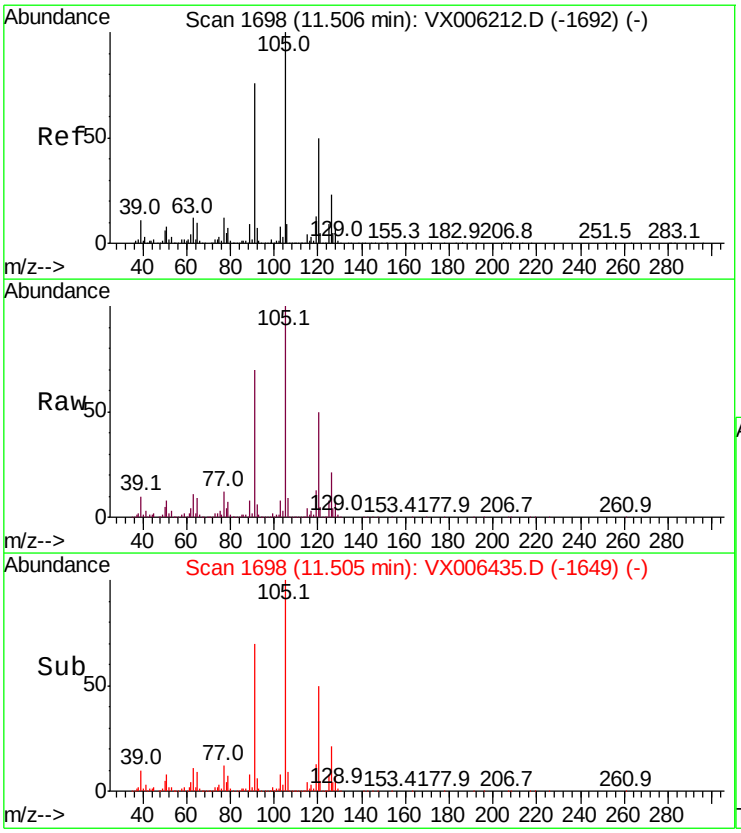

#79
2-Chlorotoluene
Concen: 50.210 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 91 Resp: 1009403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 37.6 | 18.6 | 56.0 |

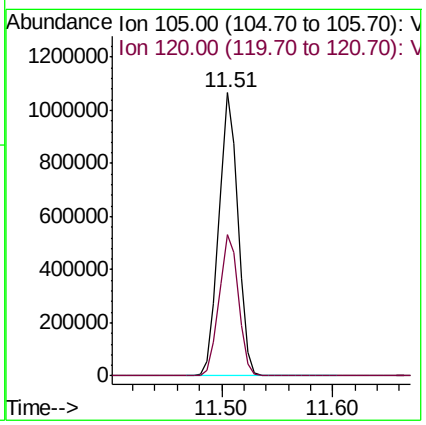


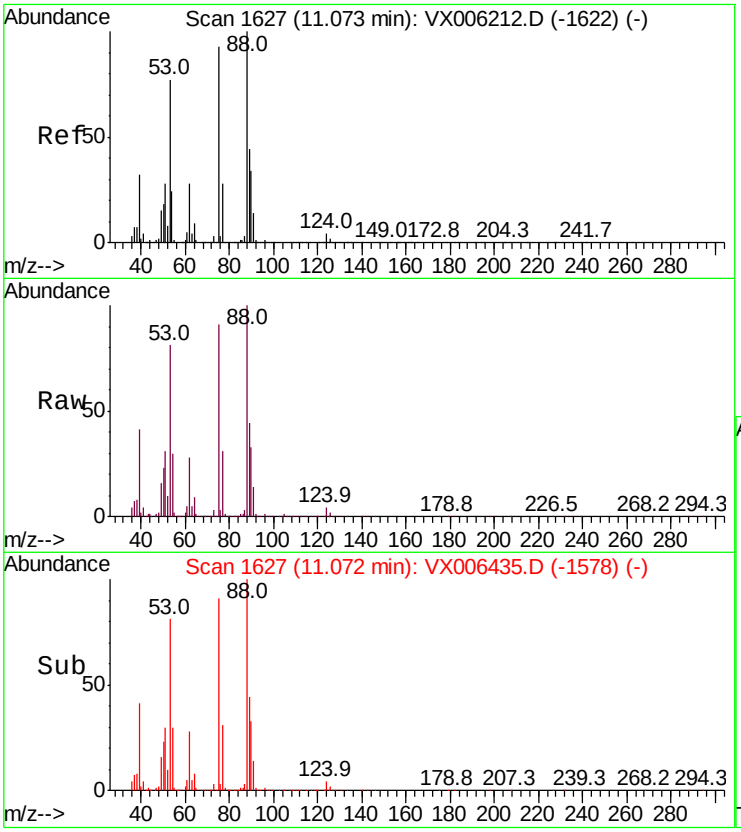




#80
1,3,5-Trimethylbenzene
Concen: 49.970 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion:105 Resp: 1265119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.5 | 25.4 | 76.0 |



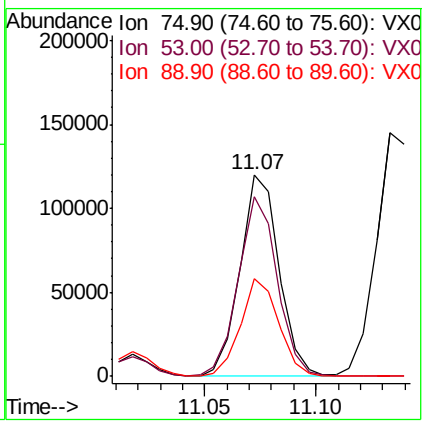


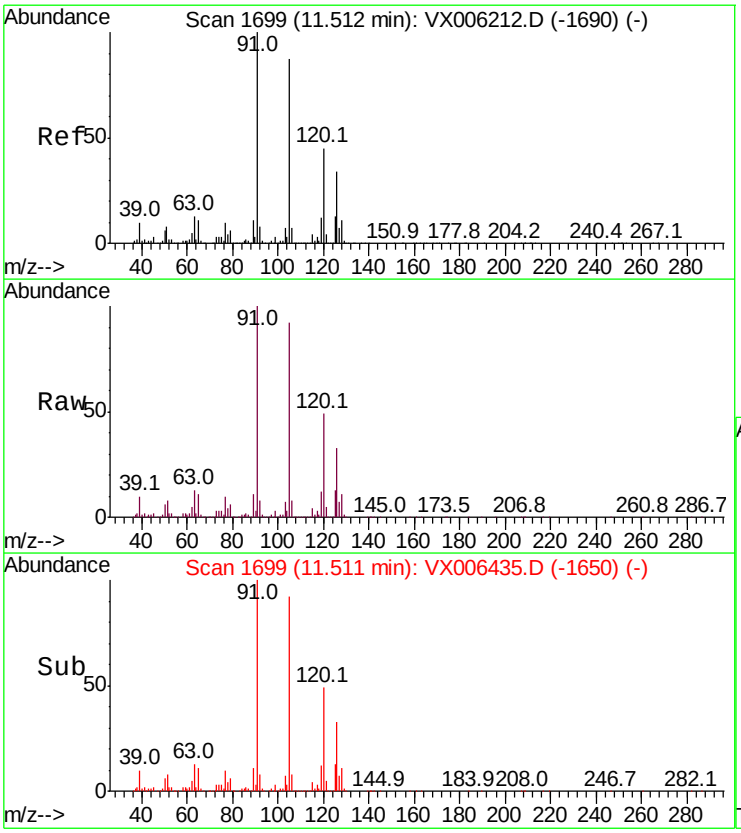

#81
trans-1,4-Dichloro-2-butene
Concen: 40.584 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 75 Resp: 147078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 89.0 | 64.4 | 96.6 |
| 89 | 47.1 | 44.2 | 66.4 |

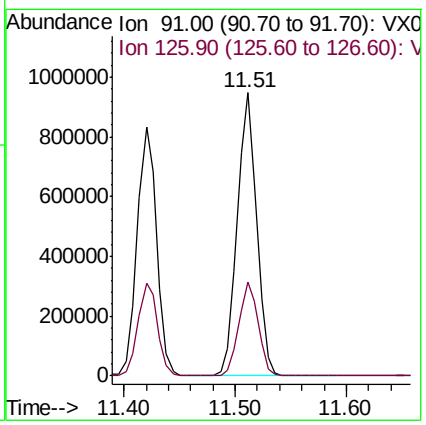


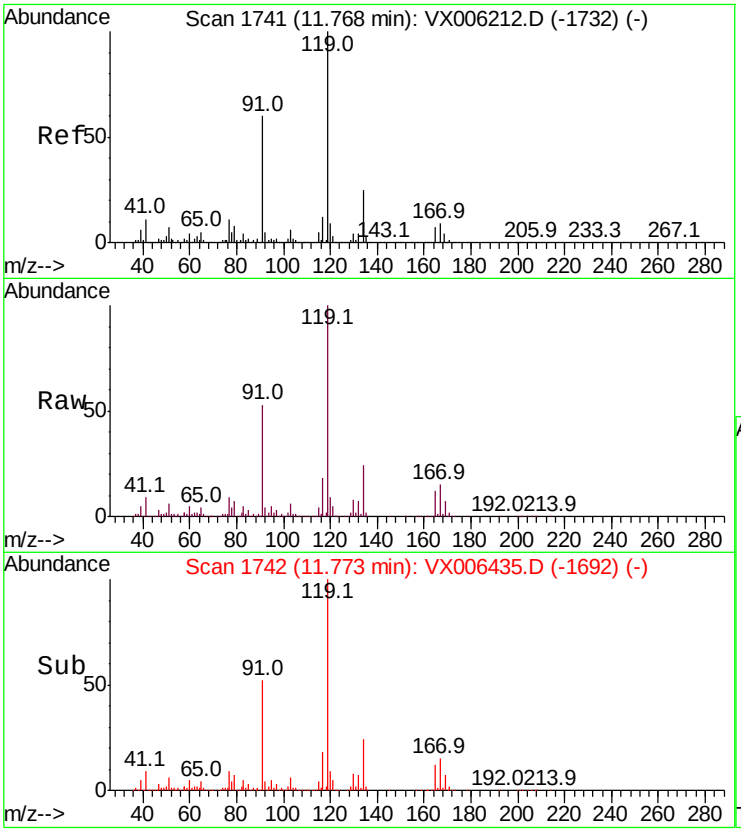




#82
4-Chlorotoluene
Concen: 49.074 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 91 Resp: 1147056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.9 | 16.4 | 49.4 |



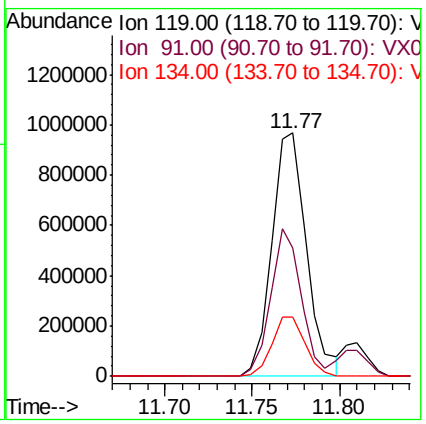


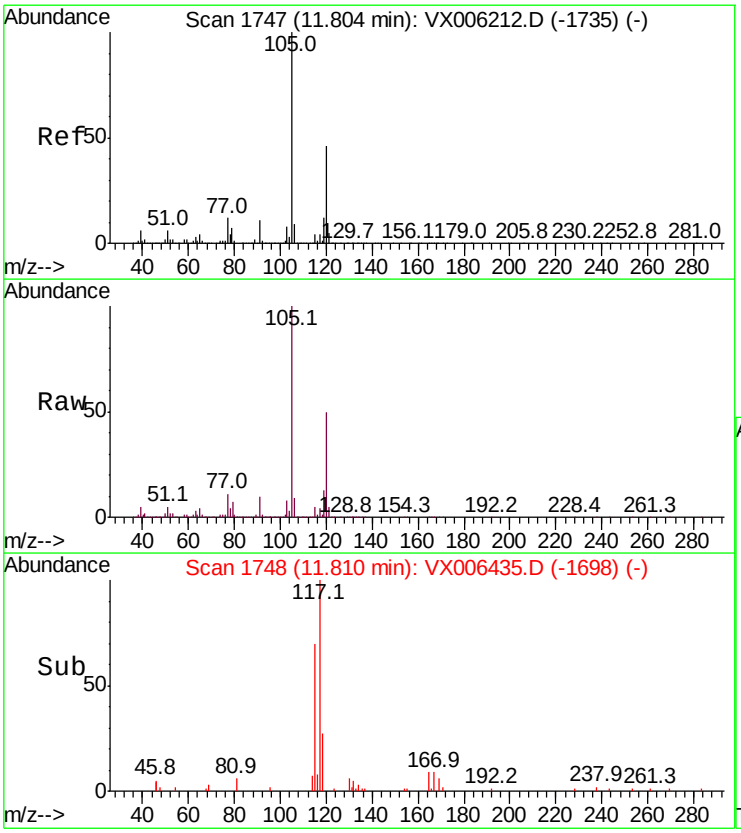

#83
tert-Butylbenzene
Concen: 49.773 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion:119 Resp: 1344499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 53.7 | 26.4 | 79.2 |
| 134 | 23.5 | 11.6 | 34.7 |

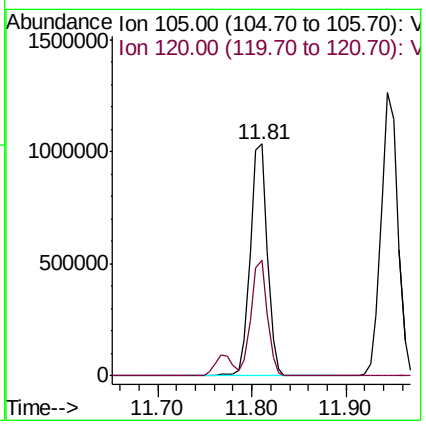


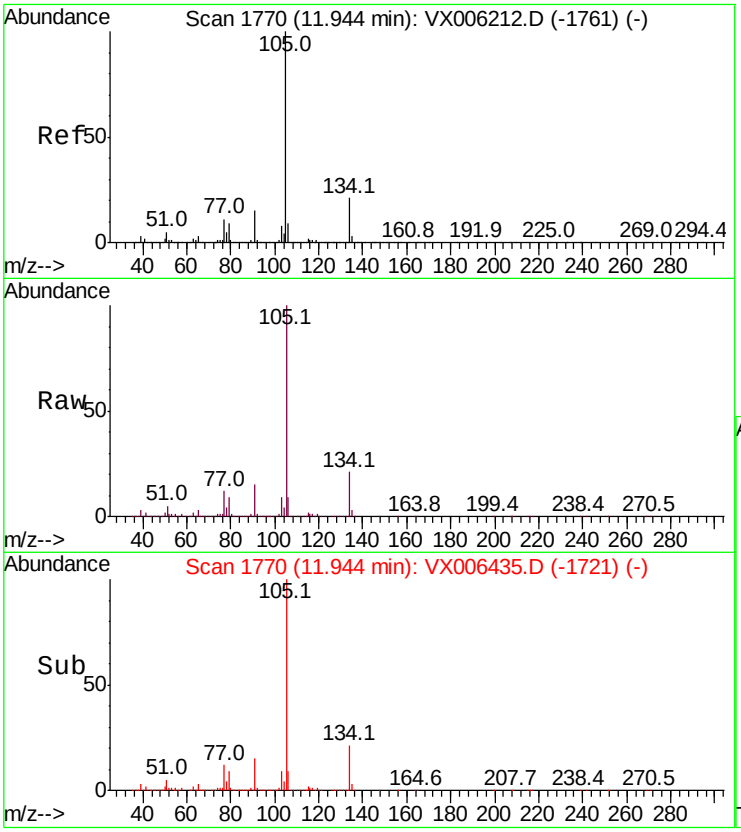




#84
1,2,4-Trimethylbenzene
Concen: 49.835 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion:105 Resp: 1302799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.7 | 23.4 | 70.0 |



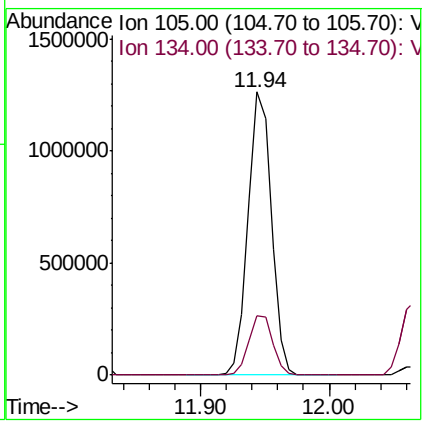


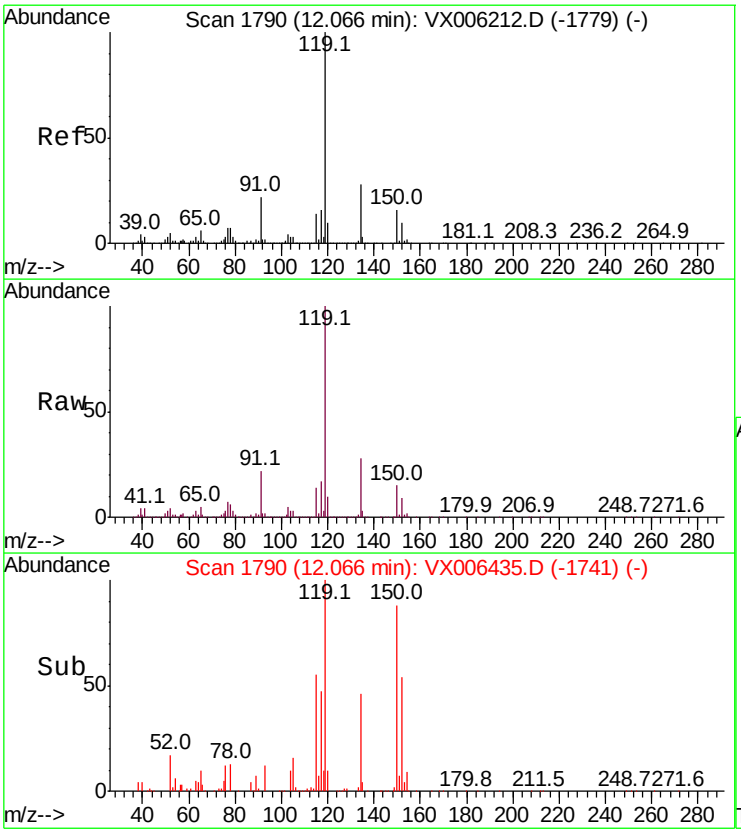

#85
sec-Butylbenzene
Concen: 50.870 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion:105 Resp: 1563278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.7 | 10.8 | 32.4 |

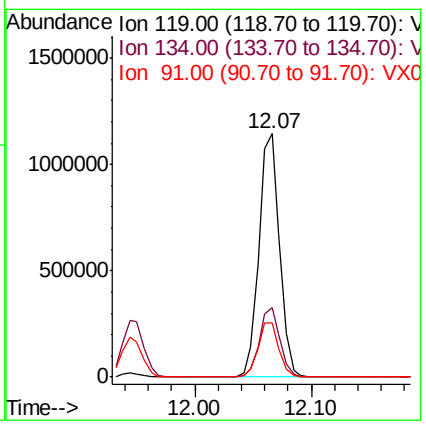


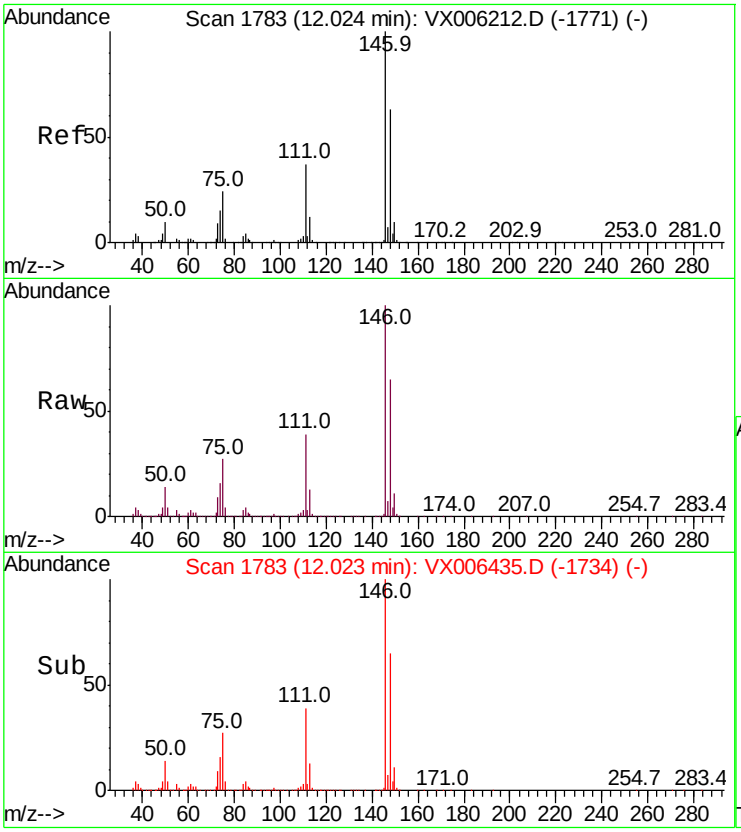




#86
p-Isopropyltoluene
Concen: 50.723 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion:119 Resp: 1403588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 28.2 | 13.9 | 41.6 |
| 91 | 22.7 | 11.3 | 33.8 |



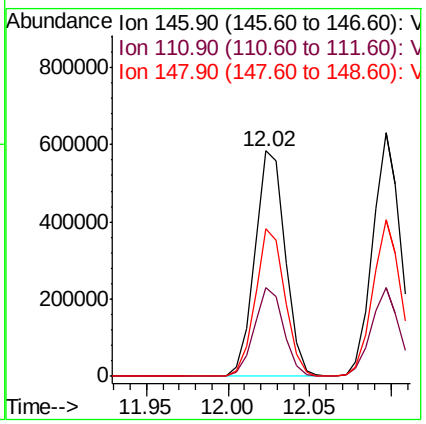


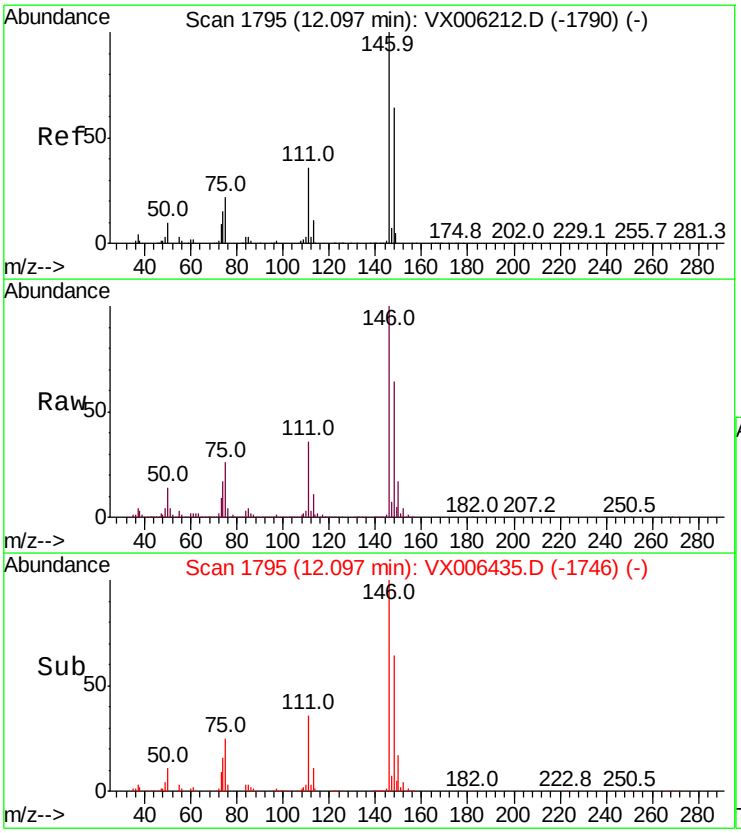

#87
1,3-Dichlorobenzene
Concen: 50.142 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion:146 Resp: 753417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.0 | 18.4 | 55.2 |
| 148 | 63.8 | 32.0 | 96.0 |

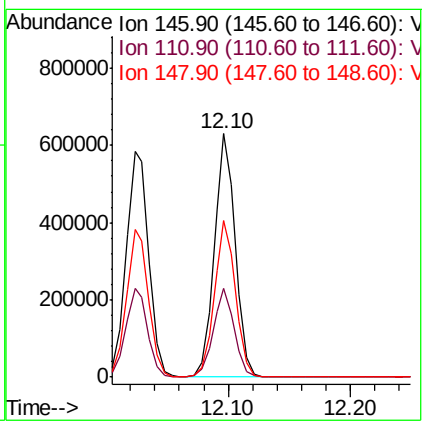


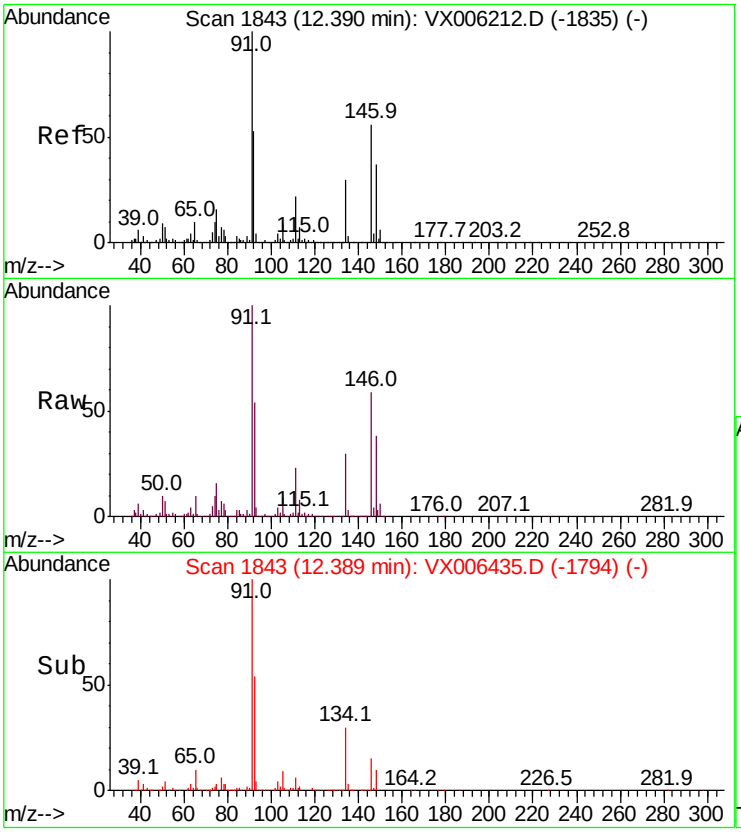




#88
1,4-Dichlorobenzene
Concen: 49.102 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion:146 Resp: 748835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.6 | 18.3 | 54.8 |
| 148 | 64.6 | 31.9 | 95.9 |



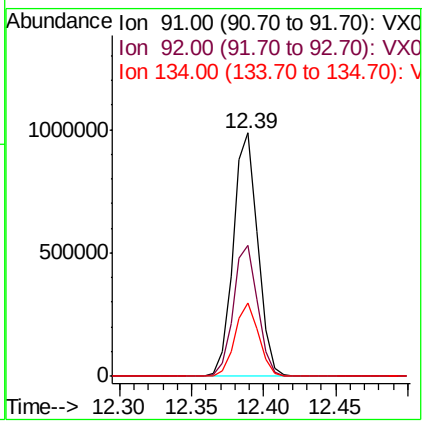


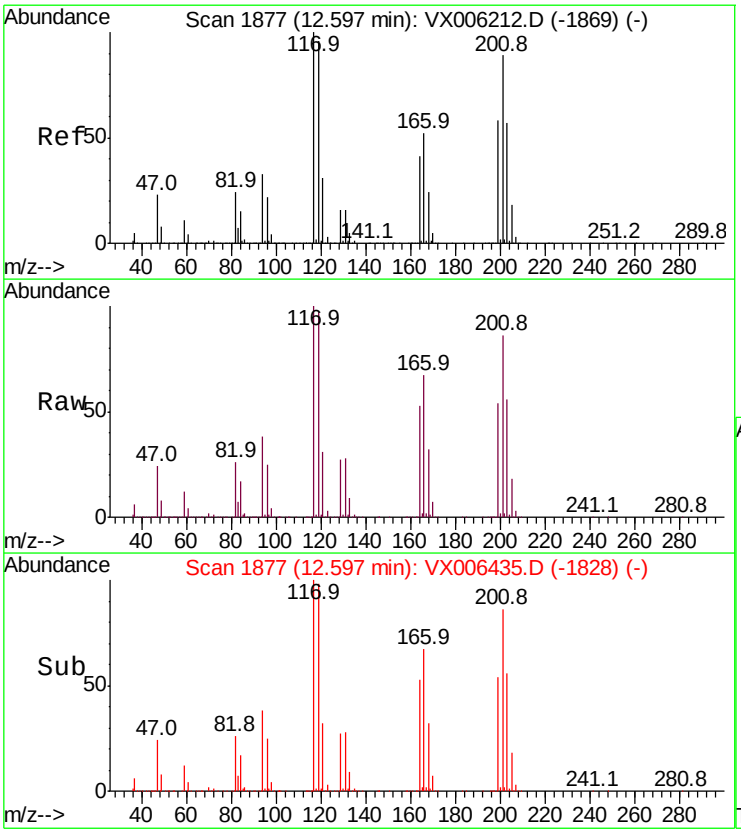

#89
n-Butylbenzene
Concen: 49.597 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion: 91 Resp: 1171034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.7 | 26.6 | 79.8 |
| 134 | 29.3 | 14.8 | 44.3 |

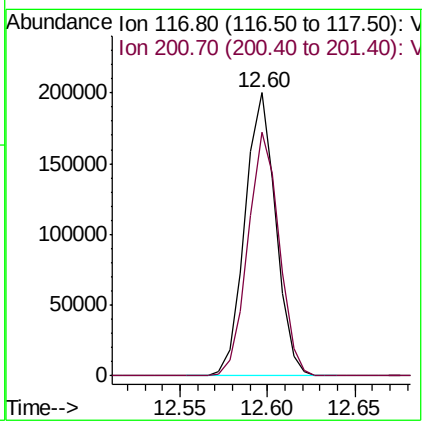


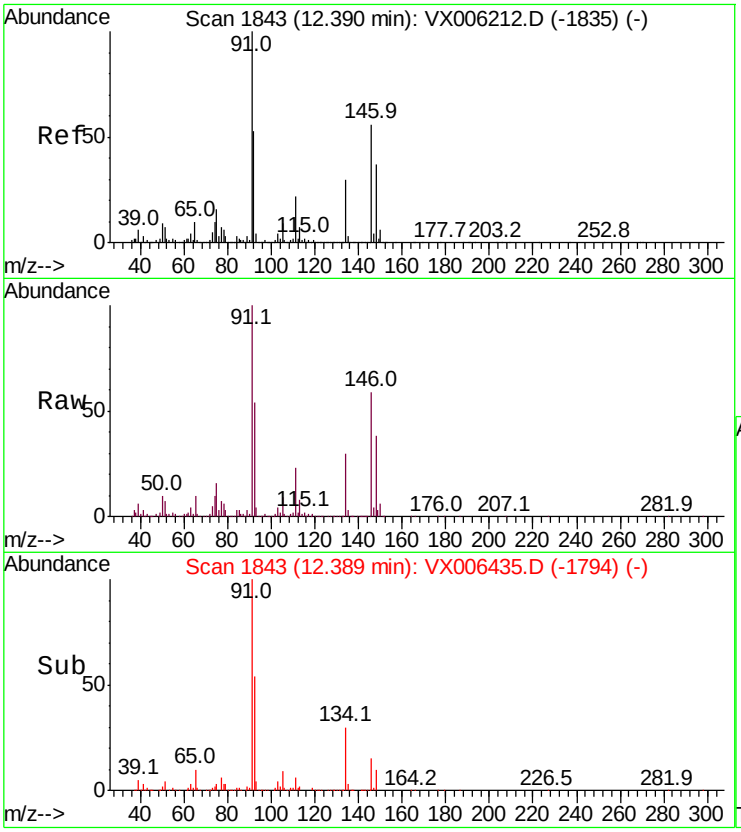




#90
Hexachloroethane
Concen: 43.379 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion:117 Resp: 244653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 87.4 | 44.7 | 134.1 |



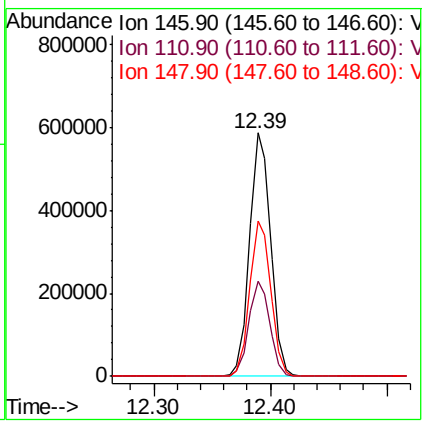


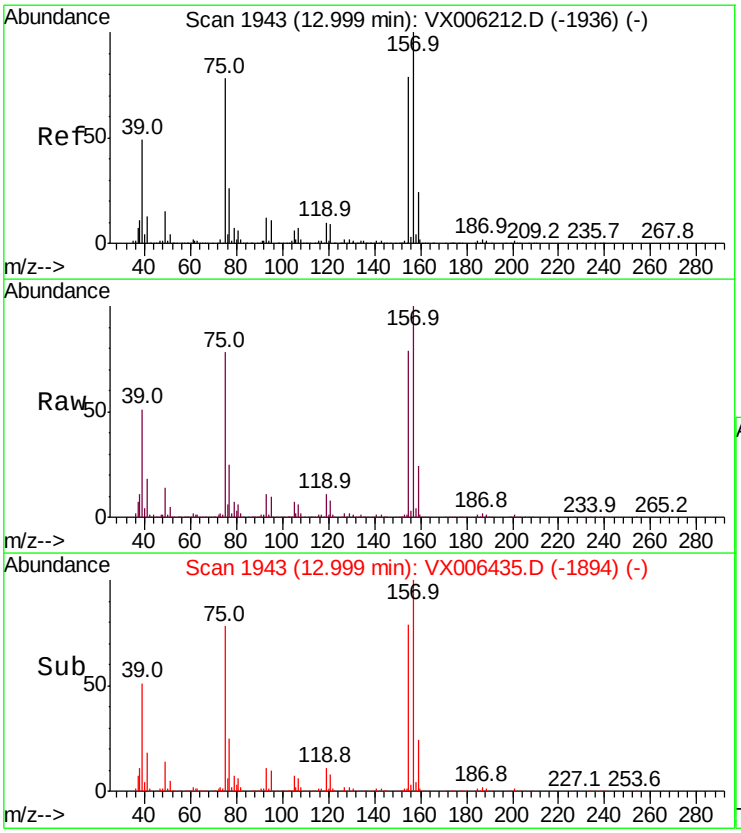

#91
1,2-Dichlorobenzene
Concen: 49.709 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion:146 Resp: 741279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.0 | 19.1 | 57.3 |
| 148 | 64.0 | 32.1 | 96.3 |

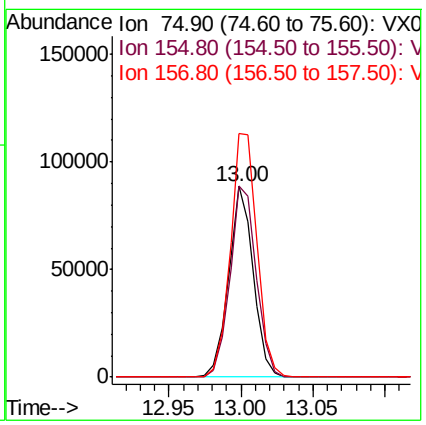


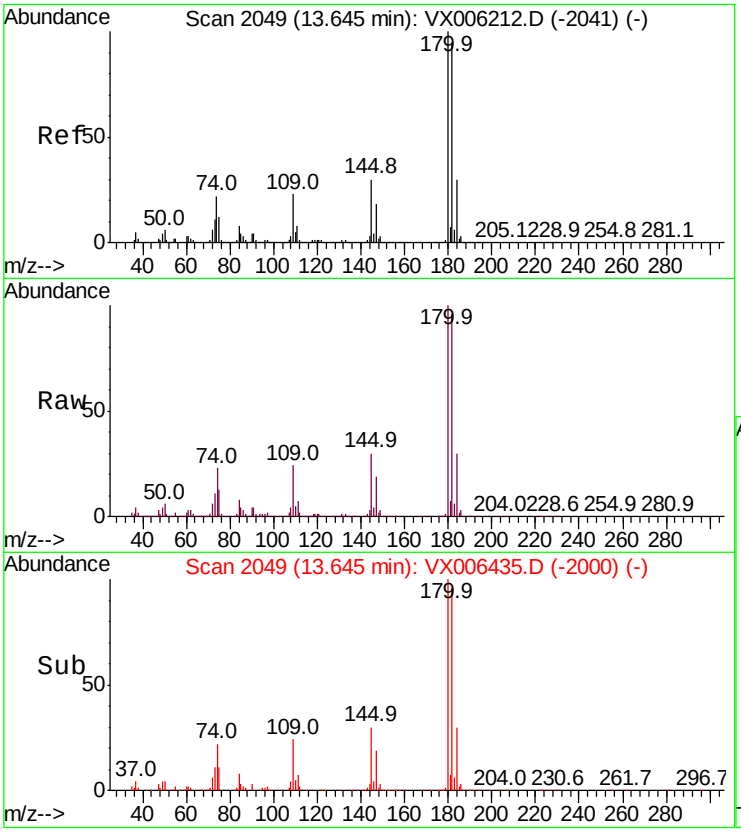




#92
1,2-Dibromo-3-Chloropropane
Concen: 42.808 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion: 75 Resp: 106823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 106.2 | 53.4 | 160.3 |
| 157 | 137.0 | 68.0 | 203.8 |



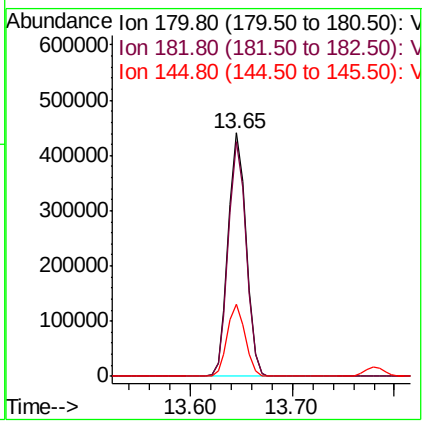


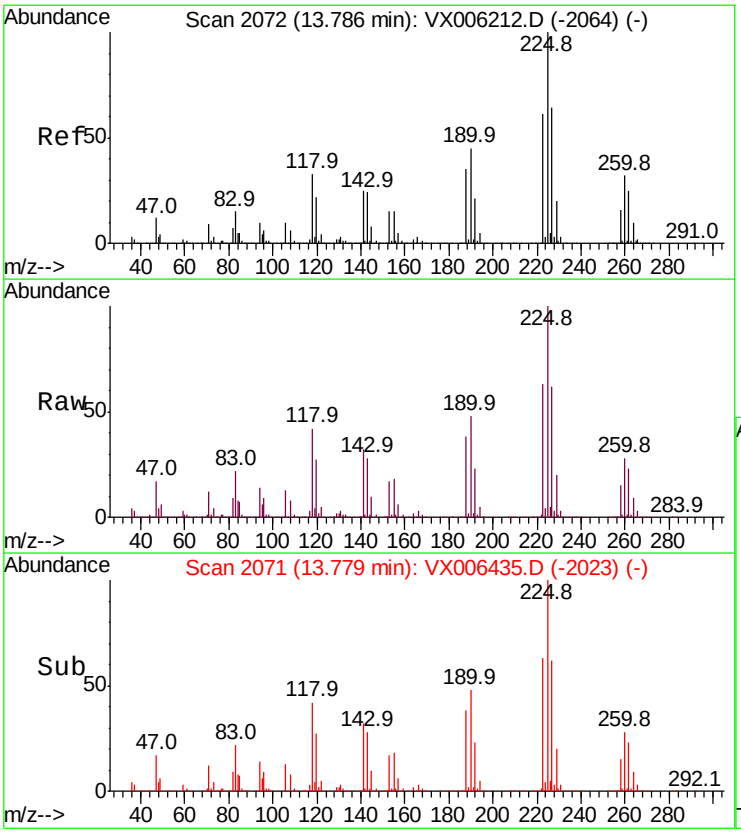

#93
1,2,4-Trichlorobenzene
Concen: 49.083 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion:180 Resp: 533998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.6 | 47.3 | 141.9 |
| 145 | 29.7 | 14.6 | 43.8 |

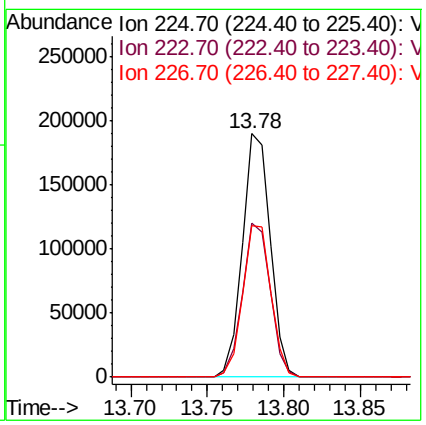


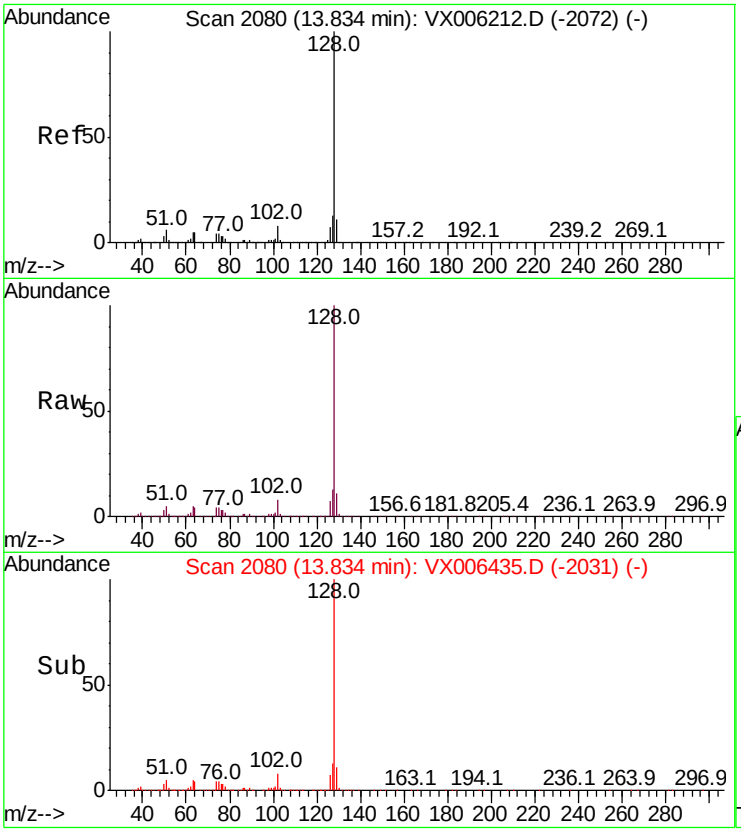




#94
Hexachlorobutadiene
Concen: 49.838 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion:225 Resp: 239789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 31.2 | 93.6 |
| 227 | 63.2 | 31.9 | 95.5 |



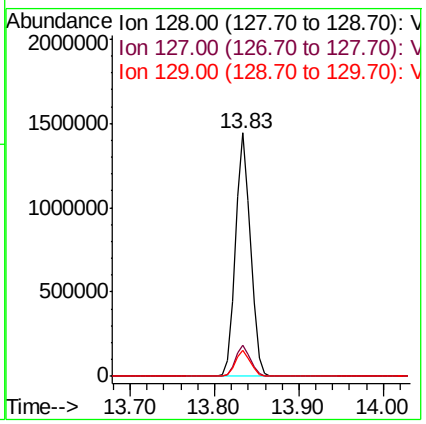


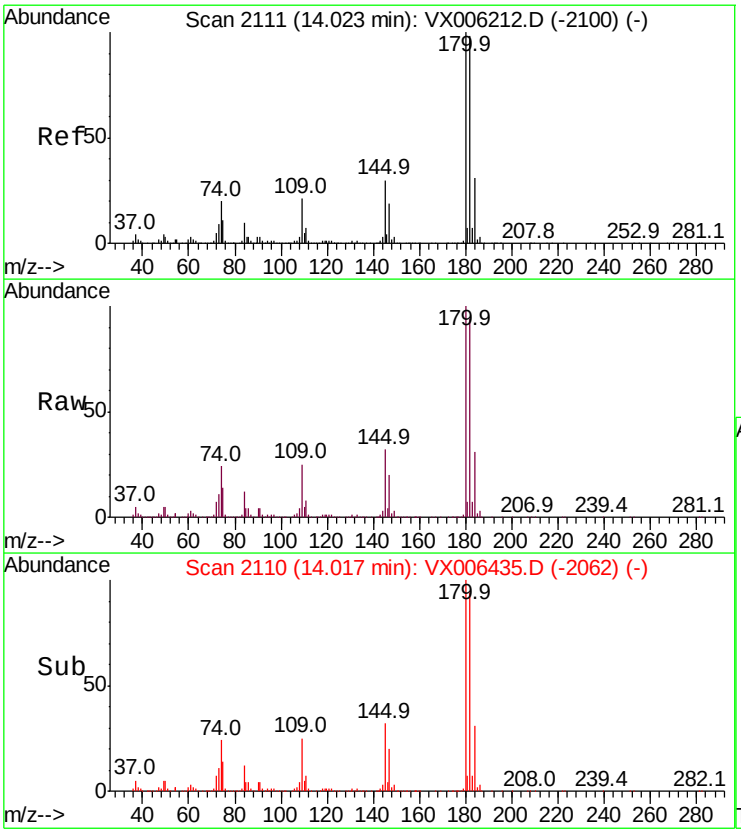

#95
Naphthalene
Concen: 50.512 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

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

Tgt Ion:128 Resp: 1709447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.9 | 10.2 | 15.4 |
| 129 | 10.8 | 8.9 | 13.3 |




#96
1,2,3-Trichlorobenzene
Concen: 50.000 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006435.D
Acq: 11 Dec 2018 21:44

Tgt Ion:180 Resp: 538789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.5 | 48.4 | 145.2 |
| 145 | 31.3 | 15.6 | 46.8 |