Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
Data File : VX010021.D
Acq On : 01 Jun 2019 06:26
Operator : JC/SP
Sample : K3129-16MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** LF012MW004-190528MS

Quant Time: Jun 03 00:41:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 149346 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 243233 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 224496 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 111337 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 108984 | 51.66 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.32% | | | | |
| 35) Dibromofluoromethane | 5.49 | 113 | 80004 | 52.32 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.64% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 325996 | 52.50 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.00% | | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 118627 | 53.19 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 106.38% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 98390 | 53.913 | ug/l | | 99 |
| 3) Chloromethane | 1.32 | 50 | 110209 | 44.920 | ug/l | | 99 |
| 4) Vinyl Chloride | 1.41 | 62 | 103357 | 46.732 | ug/l | | 100 |
| 5) Bromomethane | 1.64 | 94 | 49639 | 37.043 | ug/l | | 99 |
| 6) Chloroethane | 1.71 | 64 | 63219 | 46.434 | ug/l | | 100 |
| 7) Trichlorofluoromethane | 1.93 | 101 | 119219 | 48.780 | ug/l | | 98 |
| 8) Diethyl Ether | 2.19 | 74 | 52198 | 45.448 | ug/l | | 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 70083 | 47.496 | ug/l | | 99 |
| 10) Methyl Iodide | 2.51 | 142 | 78146 | 43.442 | ug/l | | 100 |
| 11) Tert butyl alcohol | 3.05 | 59 | 121447 | 233.920 | ug/l | | 100 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 75083 | 49.643 | ug/l | | 97 |
| 13) Acrolein | 2.29 | 56 | 86436 | 236.150 | ug/l | | 99 |
| 14) Allyl chloride | 2.73 | 41 | 171189 | 46.569 | ug/l | | 100 |
| 15) Acrylonitrile | 3.14 | 53 | 307564 | 245.863 | ug/l | | 99 |
| 16) Acetone | 2.45 | 43 | 270164 | 221.645 | ug/l | | 99 |
| 17) Carbon Disulfide | 2.57 | 76 | 217499 | 47.511 | ug/l | | 99 |
| 18) Methyl Acetate | 2.78 | 43 | 134062 | 47.268 | ug/l | | 99 |
| 19) Methyl tert-butyl Ether | 3.20 | 73 | 288232 | 50.477 | ug/l | | 98 |
| 20) Methylene Chloride | 2.85 | 84 | 91235 | 48.878 | ug/l | | 99 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 81163 | 48.228 | ug/l | | 97 |
| 22) Diisopropyl ether | 3.85 | 45 | 349204 | 49.926 | ug/l | | 96 |
| 23) Vinyl Acetate | 3.81 | 43 | 1498996 | 238.563 | ug/l | | 100 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 168319 | 49.657 | ug/l | | 99 |
| 25) 2-Butanone | 4.67 | 43 | 456431 | 240.349 | ug/l | | 99 |
| 26) 2,2-Dichloropropane | 4.59 | 77 | 72409 | 28.239 | ug/l | # | 69 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 334043 | 171.957 | ug/l | | 88 |
| 28) Bromochloromethane | 5.01 | 49 | 84979 | 48.312 | ug/l | | 98 |
| 29) Tetrahydrofuran | 5.13 | 42 | 301459 | 247.549 | ug/l | | 99 |
| 30) Chloroform | 5.21 | 83 | 153303 | 50.149 | ug/l | | 99 |
| 31) Cyclohexane | 5.58 | 56 | 159678 | 49.737 | ug/l | | 96 |
| 32) 1,1,1-Trichloroethane | 5.50 | 97 | 128130 | 51.466 | ug/l | | 100 |
| 36) 1,1-Dichloropropene | 5.80 | 75 | 115893 | 46.960 | ug/l | | 99 |
| 37) Ethyl Acetate | 4.84 | 43 | 164627 | 47.875 | ug/l | | 100 |
| 38) Carbon Tetrachloride | 5.79 | 117 | 106284 | 49.838 | ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
Data File : VX010021.D
Acq On : 01 Jun 2019 06:26
Operator : JC/SP
Sample : K3129-16MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** LF012MW004-190528MS

Quant Time: Jun 03 00:41:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 136529 | 46.639 ug/l | 99 |
| 40) Benzene | 6.14 | 78 | 362330 | 49.493 ug/l | 99 |
| 41) Methacrylonitrile | 5.04 | 41 | 98079 | 48.812 ug/l | 99 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 132184 | 48.840 ug/l | 100 |
| 43) Isopropyl Acetate | 6.45 | 43 | 262948 | 47.391 ug/l | 99 |
| 44) Trichloroethene | 7.21 | 130 | 87258 | 49.069 ug/l | 94 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 103210 | 48.975 ug/l | 99 |
| 46) Dibromomethane | 7.66 | 93 | 59737 | 48.156 ug/l | 97 |
| 47) Bromodichloromethane | 7.90 | 83 | 120843 | 51.228 ug/l | 97 |
| 48) Methyl methacrylate | 7.77 | 41 | 139114 | 50.648 ug/l | 99 |
| 49) 1,4-Dioxane | 7.74 | 88 | 47787 | 935.332 ug/l | 98 |
| 51) 4-Methyl-2-Pentanone | 8.64 | 43 | 911711 | 252.597 ug/l | 100 |
| 52) Toluene | 8.79 | 92 | 222097 | 49.966 ug/l | 99 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 129518 | 45.781 ug/l | 100 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 141389 | 45.870 ug/l | 99 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 89823 | 50.207 ug/l | 98 |
| 56) Ethyl methacrylate | 9.18 | 69 | 165591 | 51.990 ug/l | 100 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 159918 | 49.774 ug/l | 99 |
| 59) 2-Hexanone | 9.49 | 43 | 698803 | 251.472 ug/l | 99 |
| 60) Dibromochloromethane | 9.58 | 129 | 92204 | 52.393 ug/l | 99 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 92729 | 50.452 ug/l | 99 |
| 64) Tetrachloroethene | 9.34 | 164 | 74816 | 47.711 ug/l | 98 |
| 65) Chlorobenzene | 10.13 | 112 | 232771 | 49.527 ug/l | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 83497 | 51.222 ug/l | 99 |
| 67) Ethyl Benzene | 10.25 | 91 | 424659 | 50.323 ug/l | 99 |
| 68) m/p-Xylenes | 10.36 | 106 | 310619 | 99.636 ug/l | 99 |
| 69) o-Xylene | 10.69 | 106 | 153804 | 51.442 ug/l | 98 |
| 70) Styrene | 10.71 | 104 | 268220 | 51.160 ug/l | 99 |
| 71) Bromoform | 10.85 | 173 | 72363 | 54.308 ug/l # | 98 |
| 73) Isopropylbenzene | 11.02 | 105 | 401991 | 48.936 ug/l | 99 |
| 74) N-amyl acetate | 10.90 | 43 | 235004 | 47.875 ug/l | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 149750 | 48.863 ug/l | 100 |
| 76) 1,2,3-Trichloropropane | 11.29 | 75 | 168365 | 63.238 ug/l | 81 |
| 77) Bromobenzene | 11.26 | 156 | 103341 | 49.363 ug/l | 97 |
| 78) n-propylbenzene | 11.36 | 91 | 461837 | 48.775 ug/l | 100 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 278758 | 48.185 ug/l | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 342944 | 49.554 ug/l | 100 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 43381 | 40.314 ug/l | 97 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 322817 | 47.935 ug/l | 99 |
| 83) tert-Butylbenzene | 11.77 | 119 | 331560 | 50.077 ug/l | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 343964 | 48.941 ug/l | 100 |
| 85) sec-Butylbenzene | 11.94 | 105 | 390241 | 49.543 ug/l | 100 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 350142 | 49.421 ug/l | 100 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 179689 | 48.212 ug/l | 99 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 180167 | 47.400 ug/l | 99 |
| 89) n-Butylbenzene | 12.38 | 91 | 310739 | 46.669 ug/l | 99 |
| 90) Hexachloroethane | 12.60 | 117 | 61370 | 50.474 ug/l | 98 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 180877 | 49.223 ug/l | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75 | 34237 | 47.461 ug/l | 96 |
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 124332 | 47.347 ug/l | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
Data File : VX010021.D
Acq On : 01 Jun 2019 06:26
Operator : JC/SP
Sample : K3129-16MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** LF012MW004-190528MS

Quant Time: Jun 03 00:41:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 94) Hexachlorobutadiene | 13.78 | 225 | 59631 | 45.274 | ug/l | 99 |
| 95) Naphthalene | 13.83 | 128 | 406438 | 49.736 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 126191 | 48.008 | ug/l | 99 |

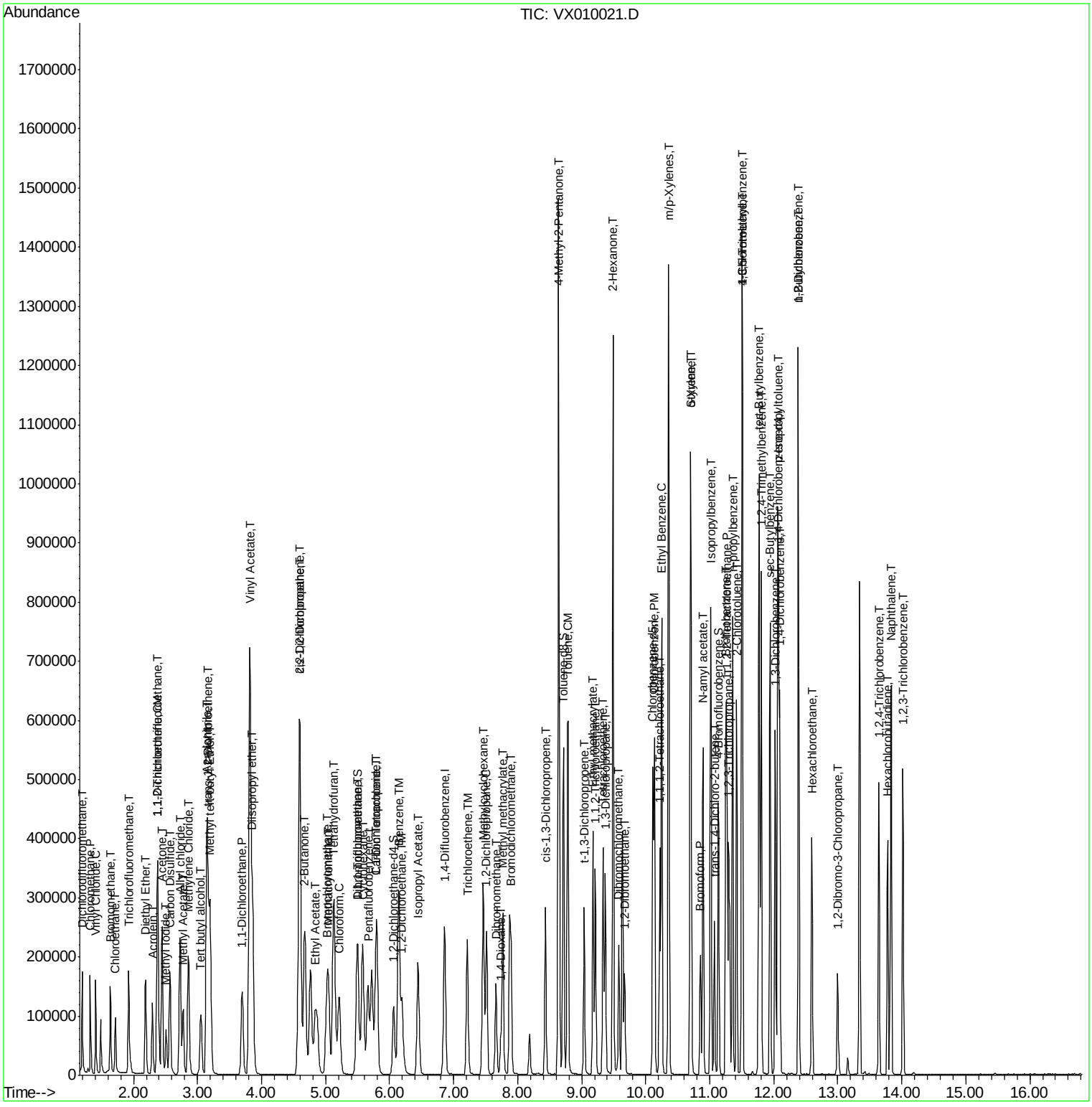
(#) = qualifier out of range (m) = manual integration (+) = signals summed

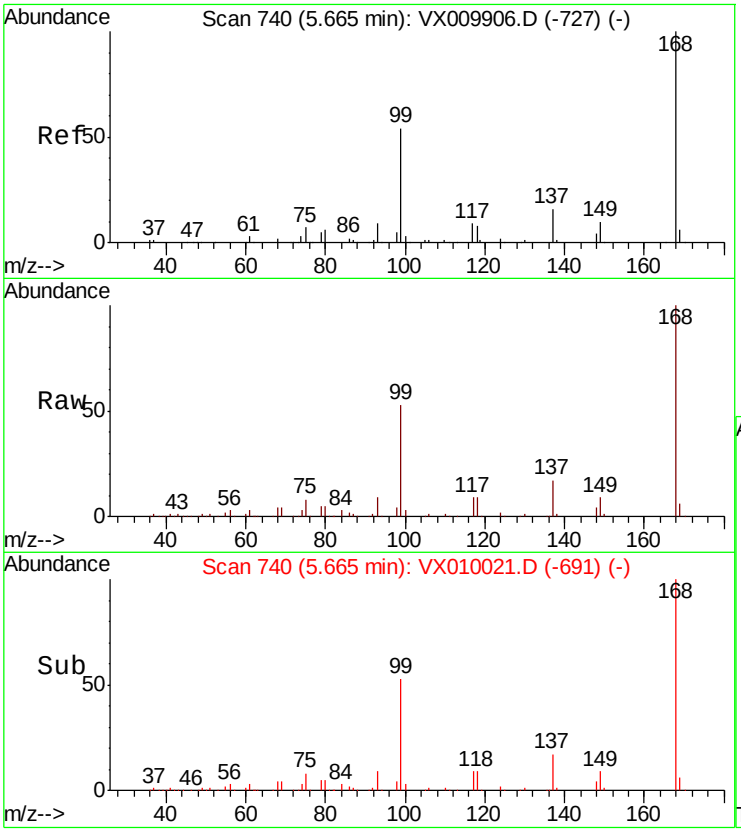
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
Data File : VX010021.D
Acq On : 01 Jun 2019 06:26
Operator : JC/SP
Sample : K3129-16MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Quant Time: Jun 03 00:41:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration



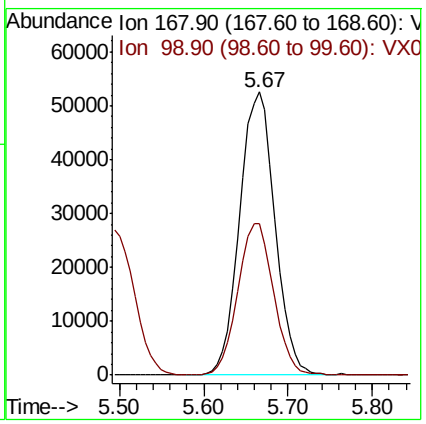


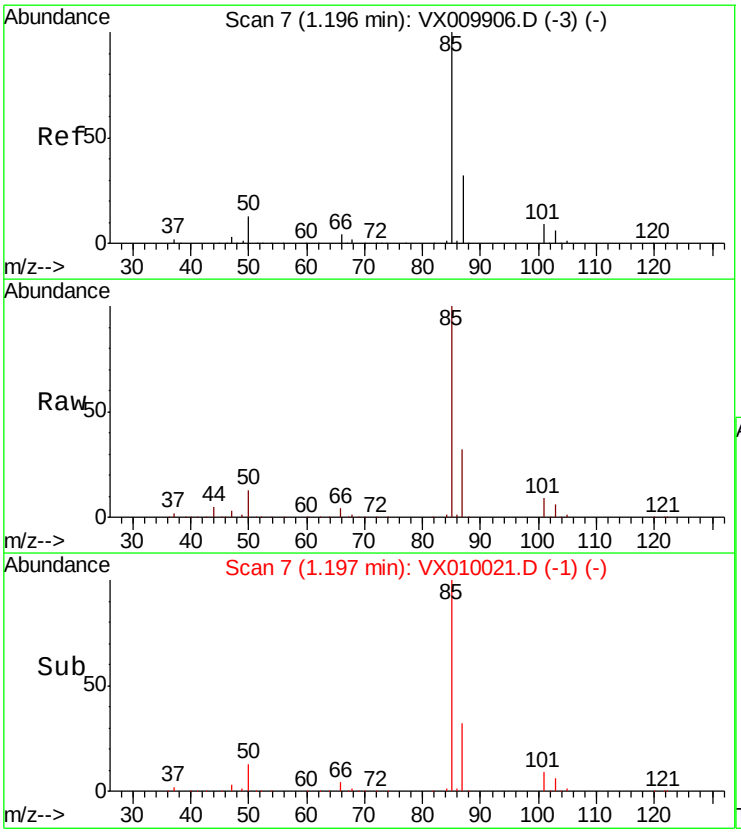

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion:168 Resp: 149346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 53.3 | 43.0 | 64.6 |

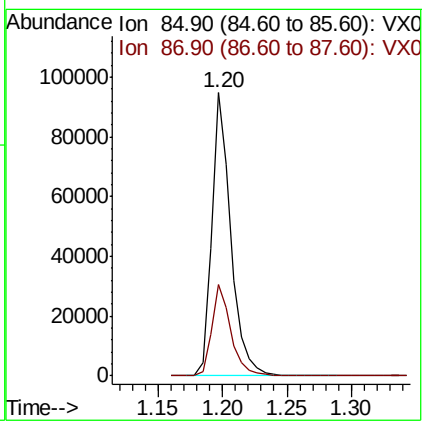


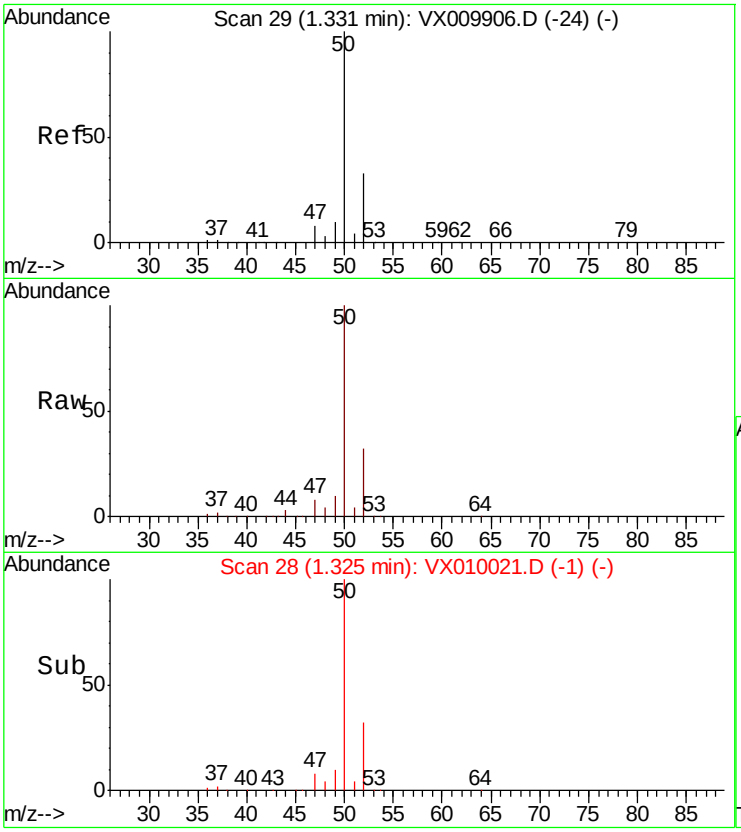




#2
Dichlorodifluoromethane
Concen: 53.913 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 85 Resp: 98390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.5 | 16.1 | 48.2 |



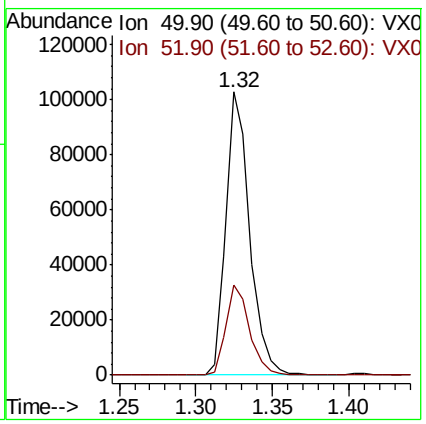


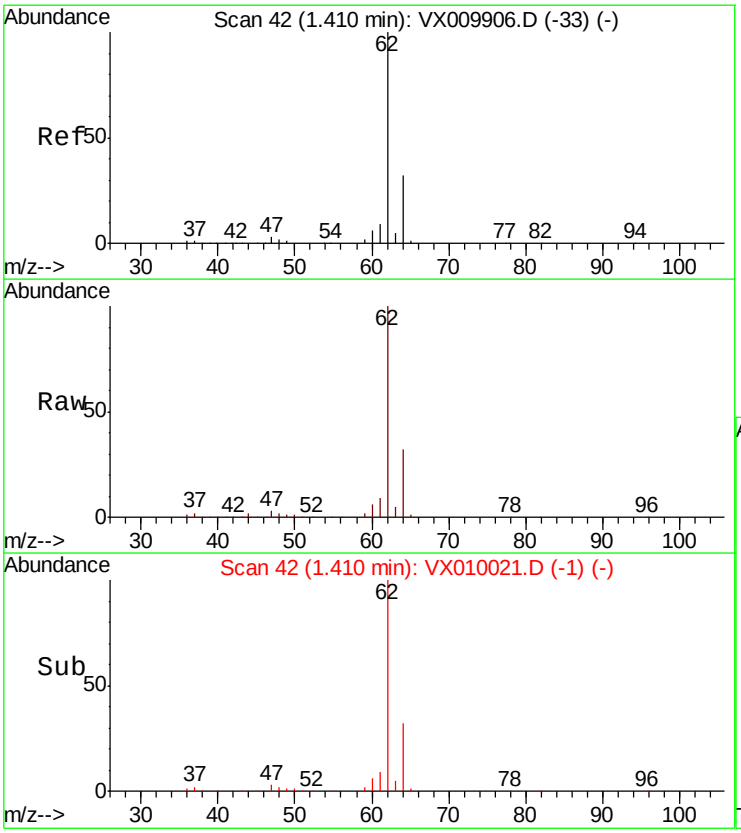

#3
Chloromethane
Concen: 44.920 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 50 Resp: 110209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.9 | 26.0 | 39.0 |

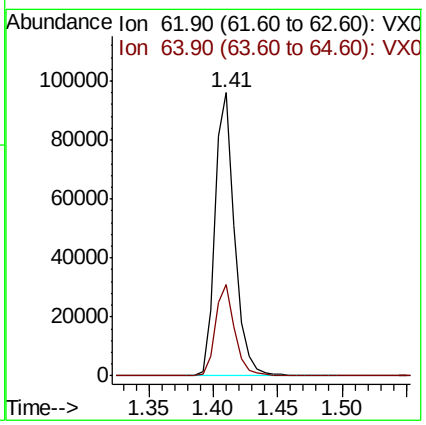


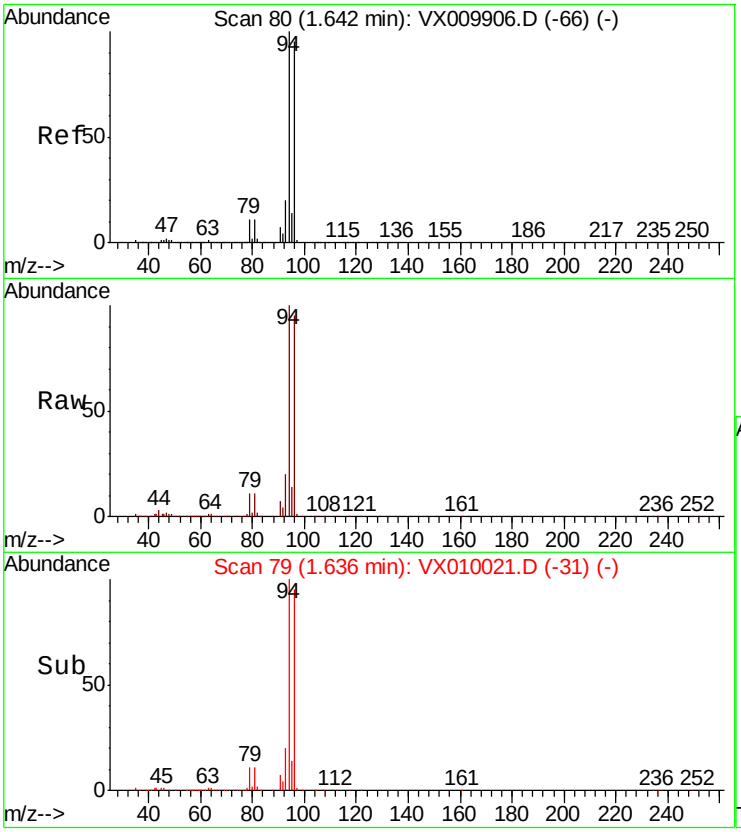




#4
Vinyl Chloride
Concen: 46.732 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 62 Resp: 103357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.3 | 25.7 | 38.5 |



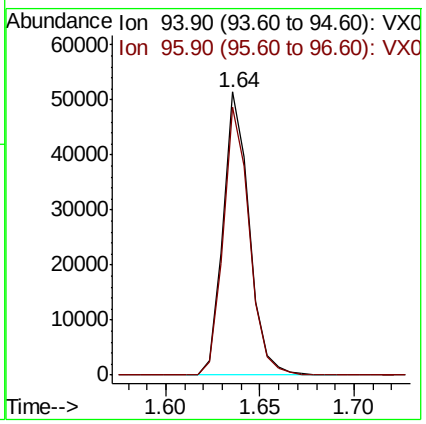


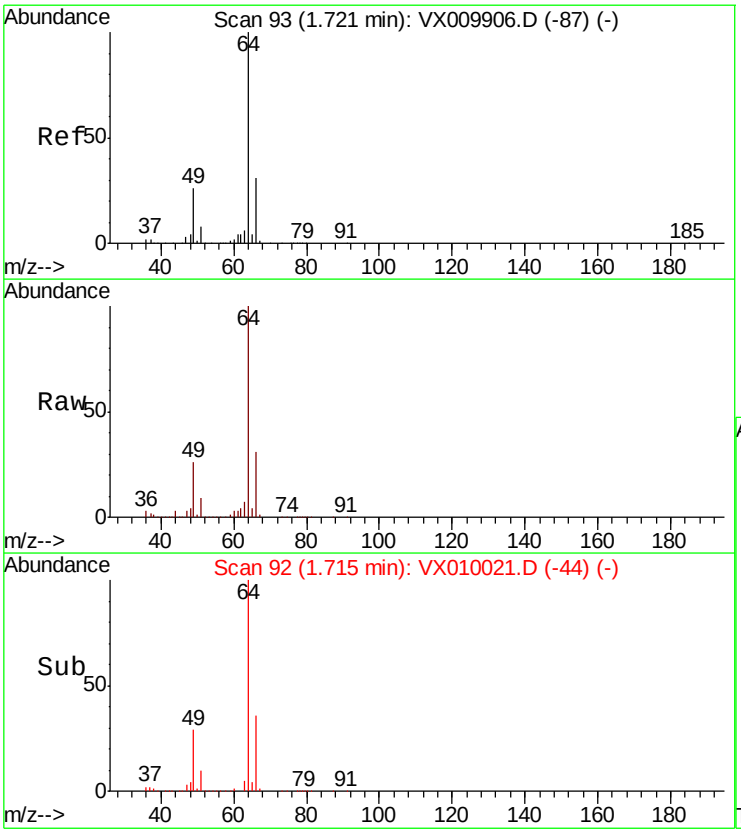

#5
Bromomethane
Concen: 37.043 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.01 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 94 Resp: 49639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.4 | 76.2 | 114.4 |

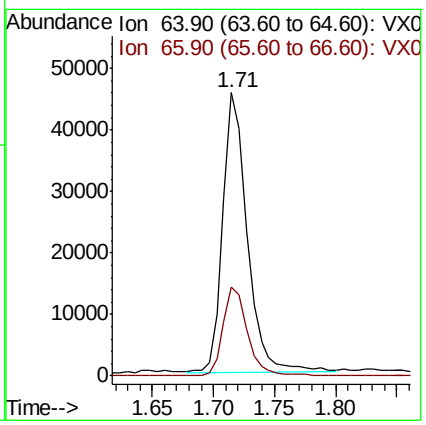


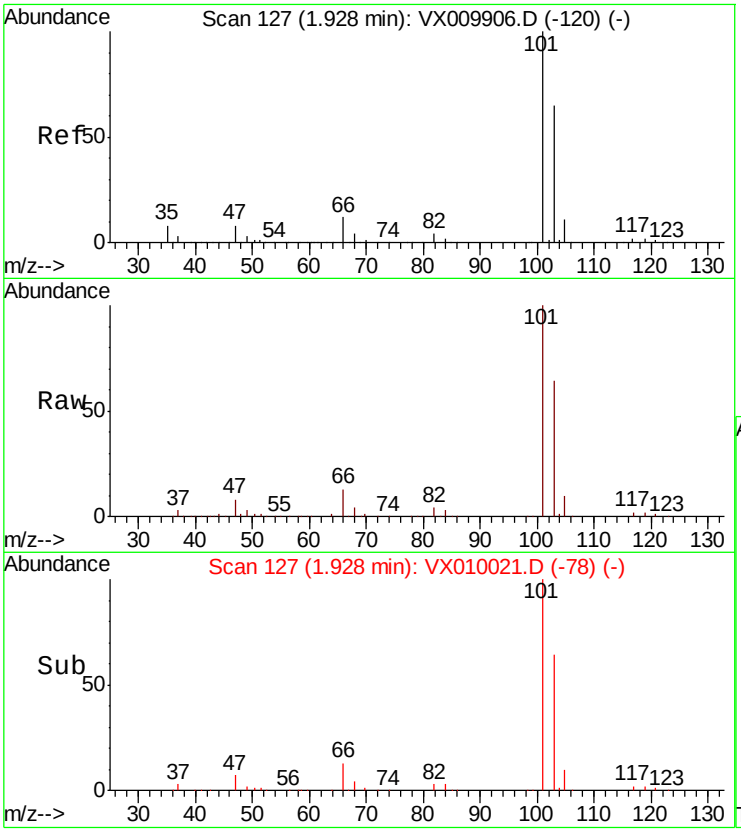




#6
Chloroethane
Concen: 46.434 ug/l
RT: 1.71 min Scan# 92
Delta R.T. -0.01 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 64 Resp: 63219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.5 | 25.1 | 37.7 |



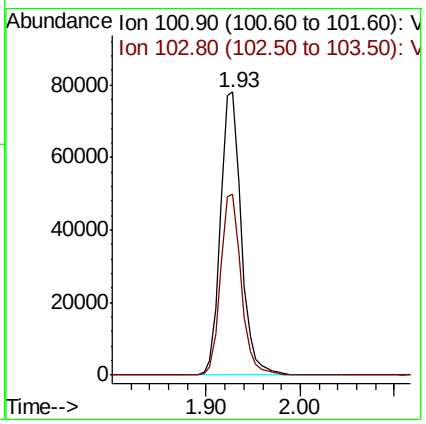


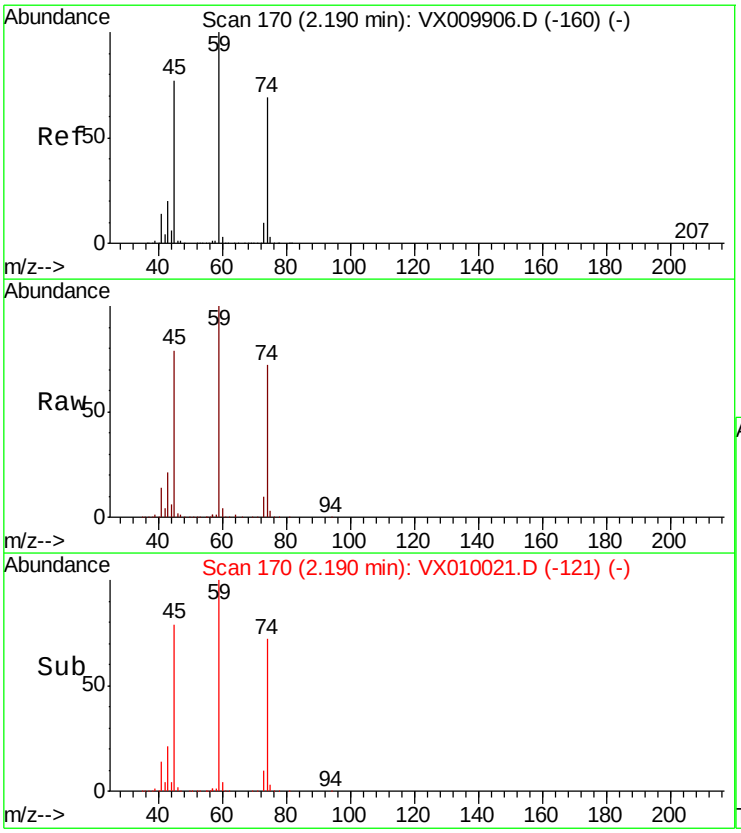

#7
Trichlorofluoromethane
Concen: 48.780 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion:101 Resp: 119219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.8 | 52.2 | 78.4 |

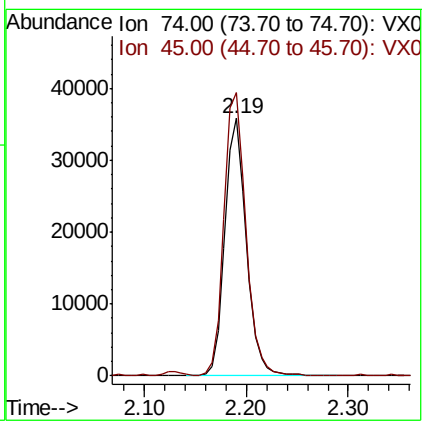


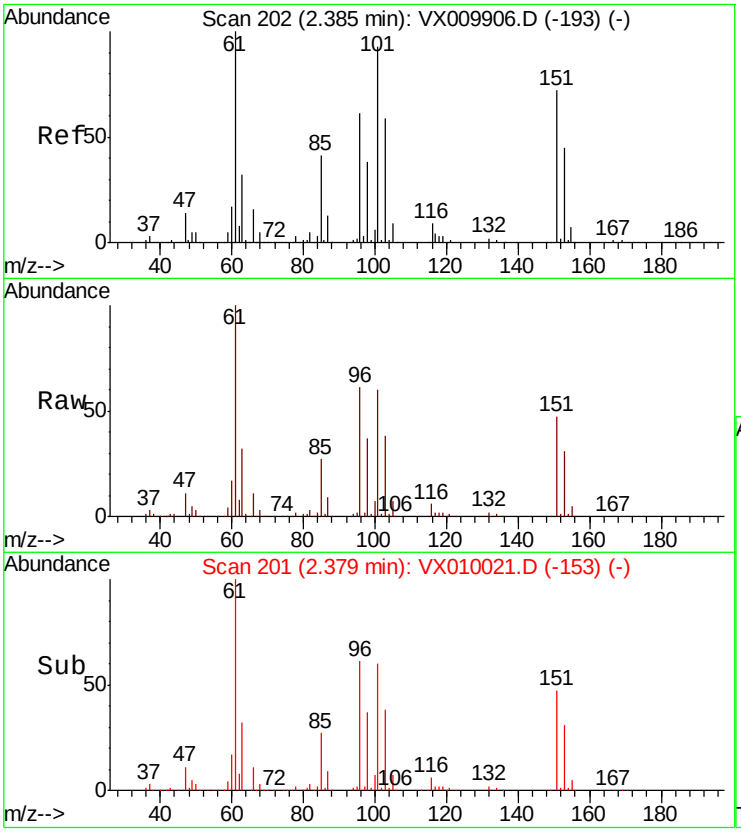




#8
Diethyl Ether
Concen: 45.448 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 74 Resp: 52198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 111.7 | 56.1 | 168.3 |



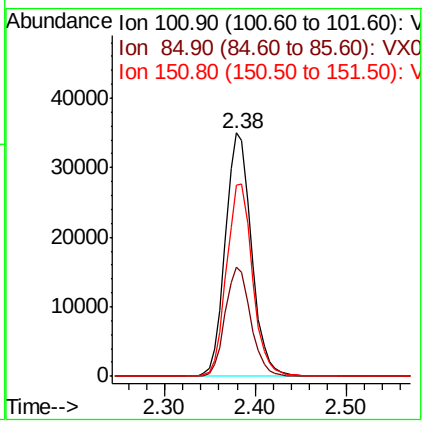


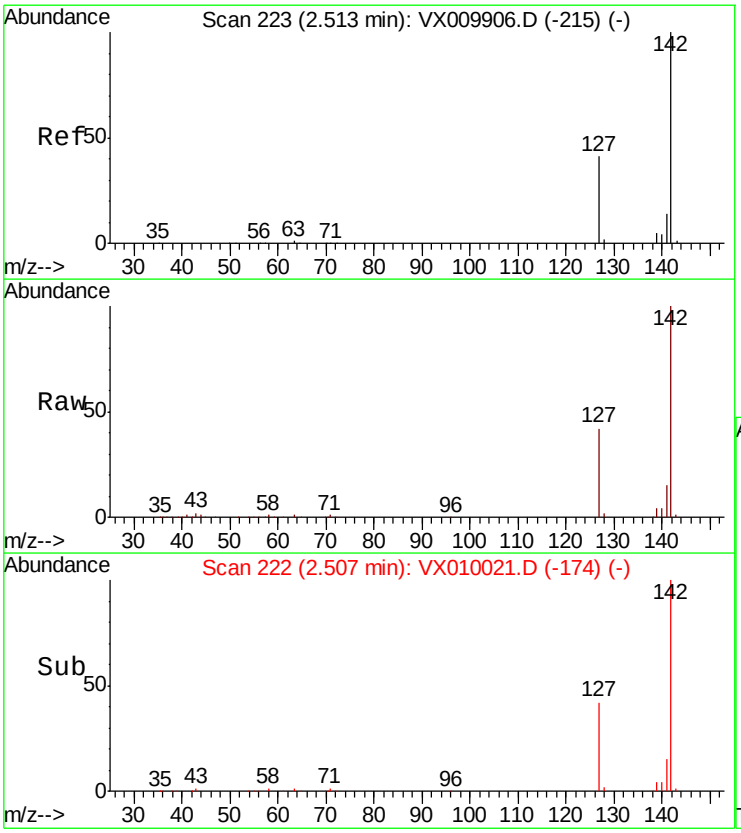

#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.496 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.01 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion:101 Resp: 70083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.9 | 35.2 | 52.8 |
| 151 | 78.4 | 61.9 | 92.9 |

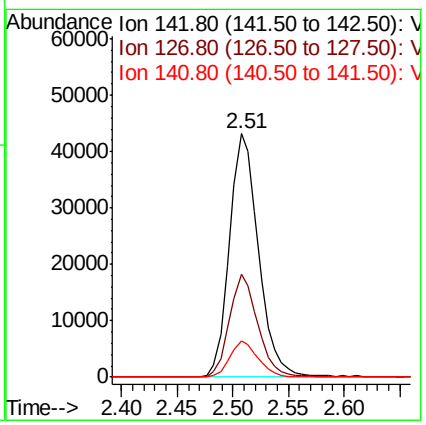


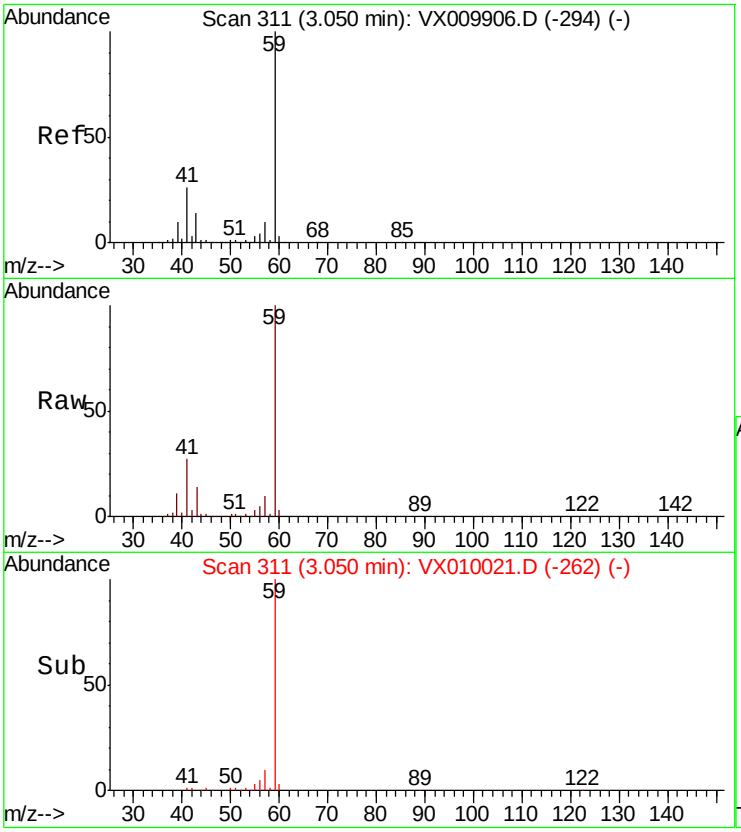




#10
Methyl Iodide
Concen: 43.442 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.01 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion:142 Resp: 78146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 41.3 | 33.0 | 49.4 |
| 141 | 14.4 | 11.4 | 17.0 |



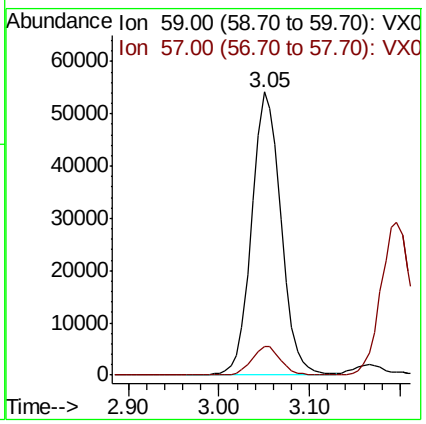


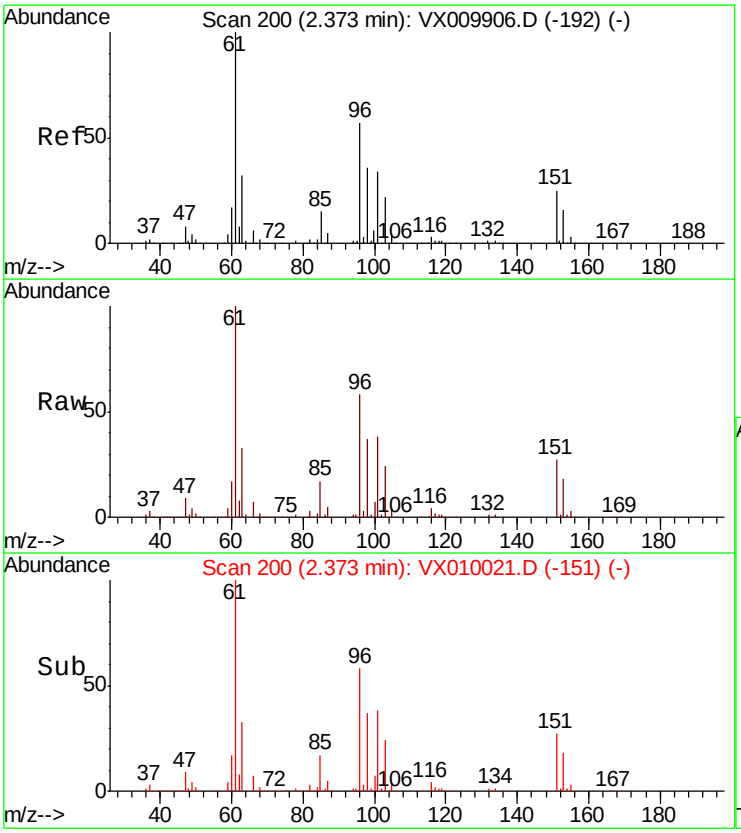

#11
Tert butyl alcohol
Concen: 233.920 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 59 Resp: 121447

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

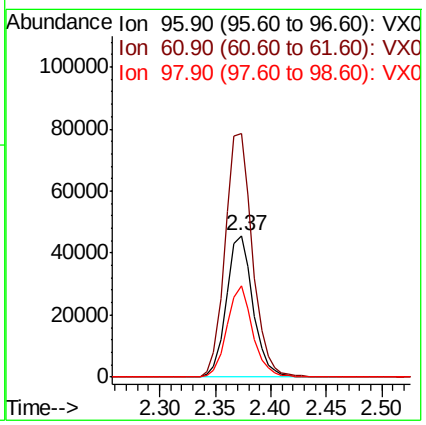


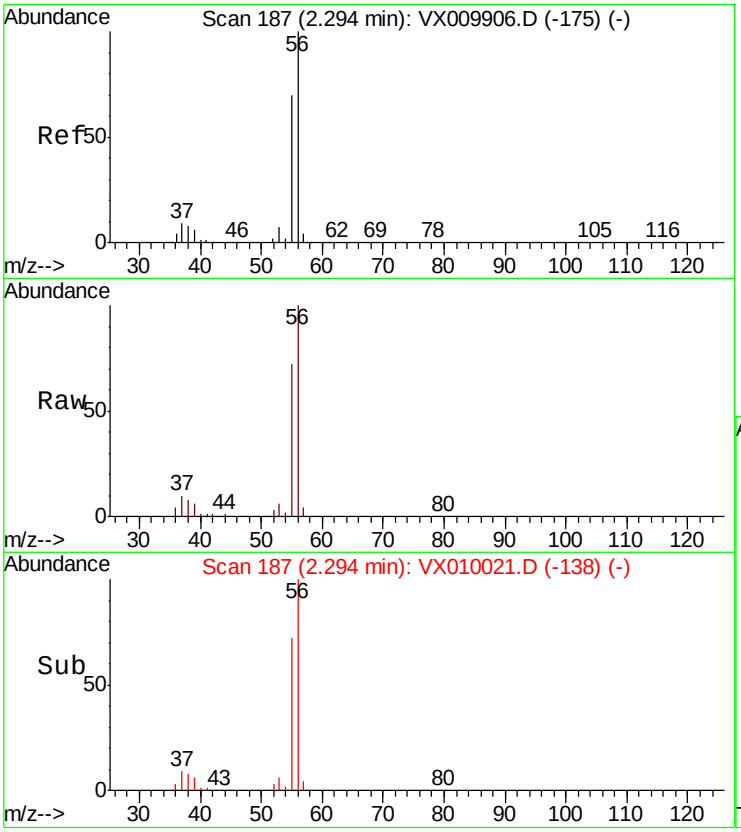




#12
1,1-Dichloroethene
Concen: 49.643 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 96 Resp: 75083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 172.3 | 140.7 | 211.1 |
| 98 | 64.5 | 50.1 | 75.1 |



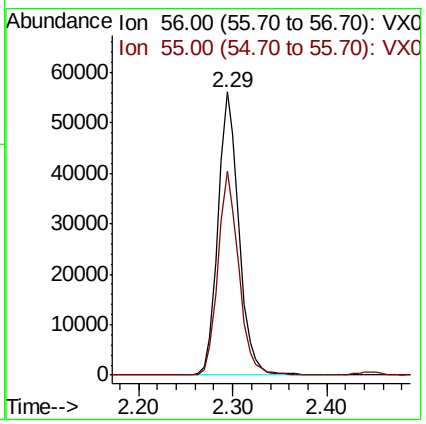


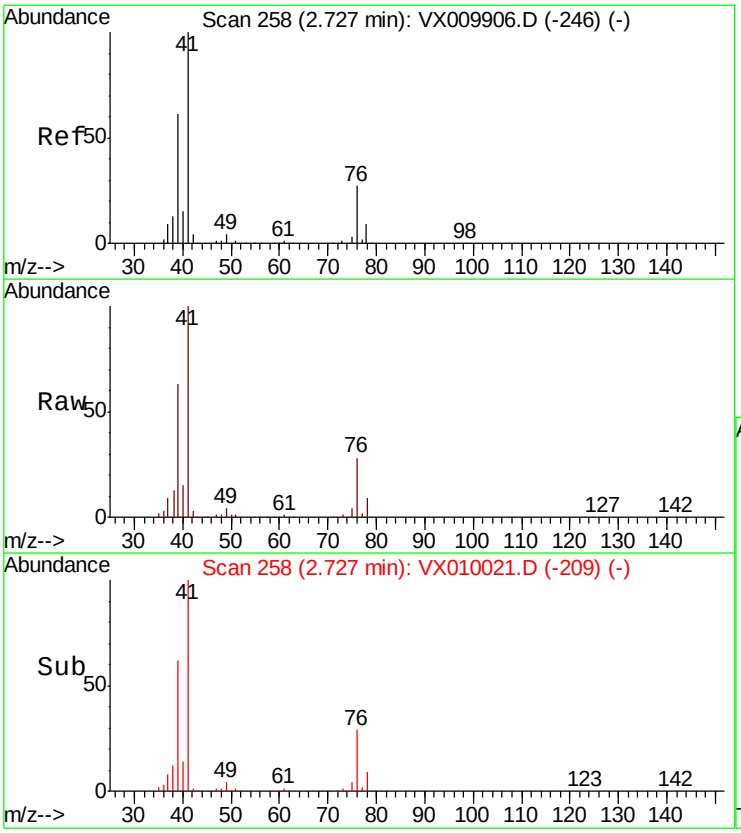

#13
Acrolein
Concen: 236.150 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 56 Resp: 86436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.7 | 57.0 | 85.4 |

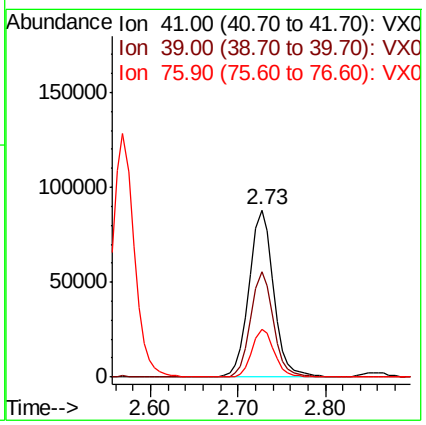


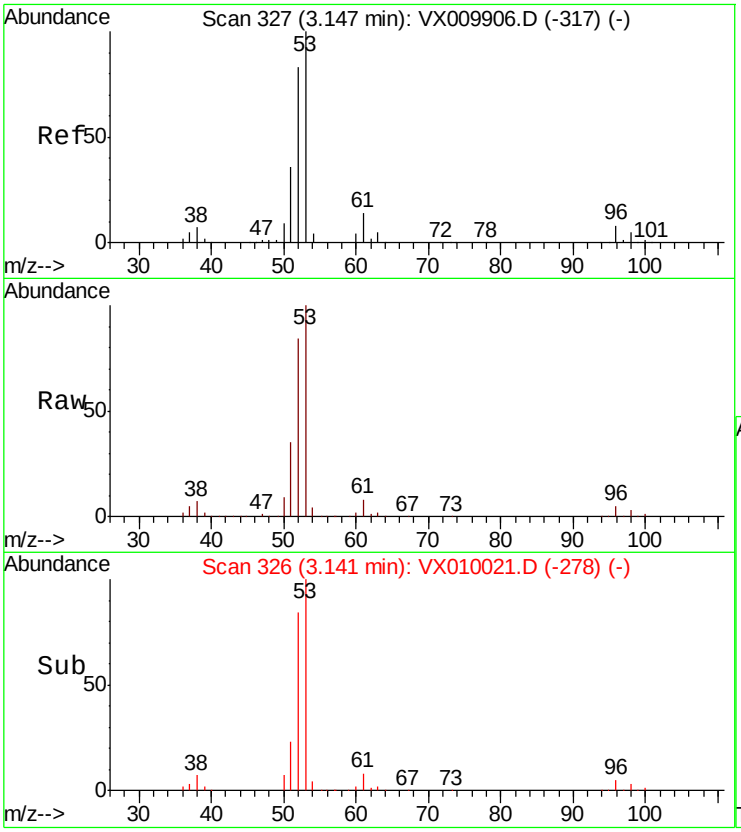




#14
Allyl chloride
Concen: 46.569 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 41 Resp: 171189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 58.8 | 46.7 | 70.1 |
| 76 | 26.2 | 21.0 | 31.4 |



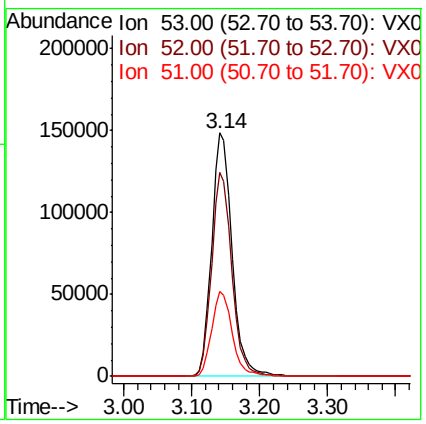


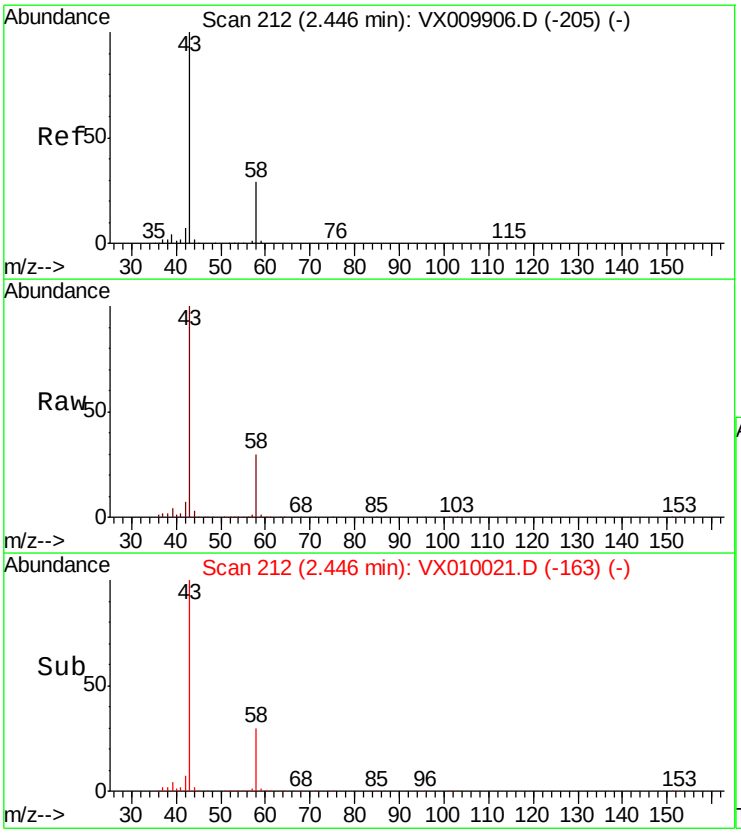

#15
Acrylonitrile
Concen: 245.863 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 53 Resp: 307564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.5 | 66.7 | 100.1 |
| 51 | 35.2 | 28.8 | 43.2 |

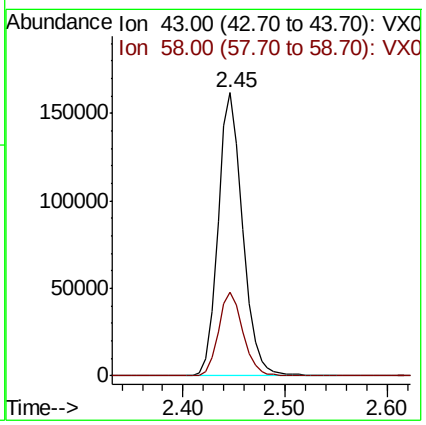


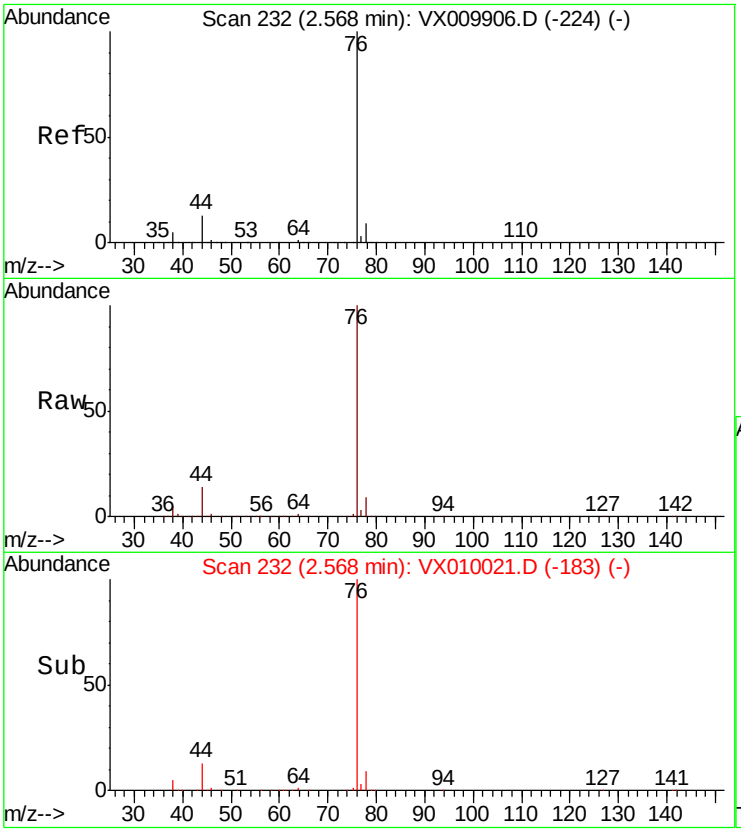




#16
Acetone
Concen: 221.645 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 43 Resp: 270164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.7 | 23.2 | 34.8 |



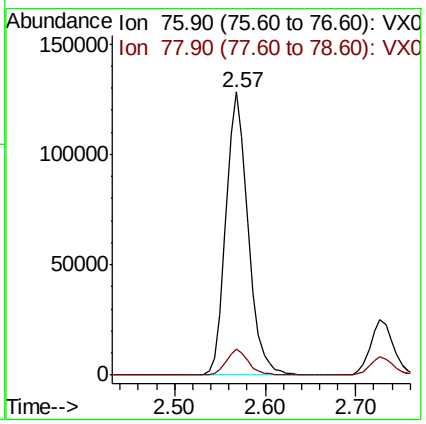


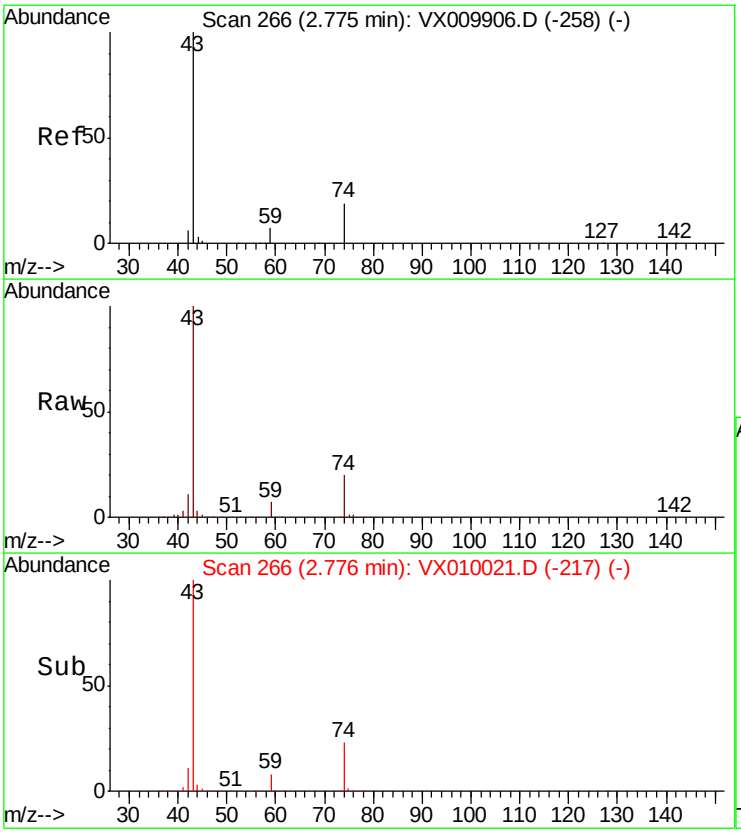

#17
Carbon Disulfide
Concen: 47.511 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 76 Resp: 217499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 7.0 | 10.6 |

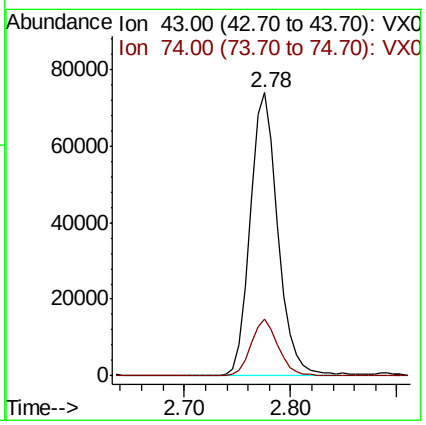


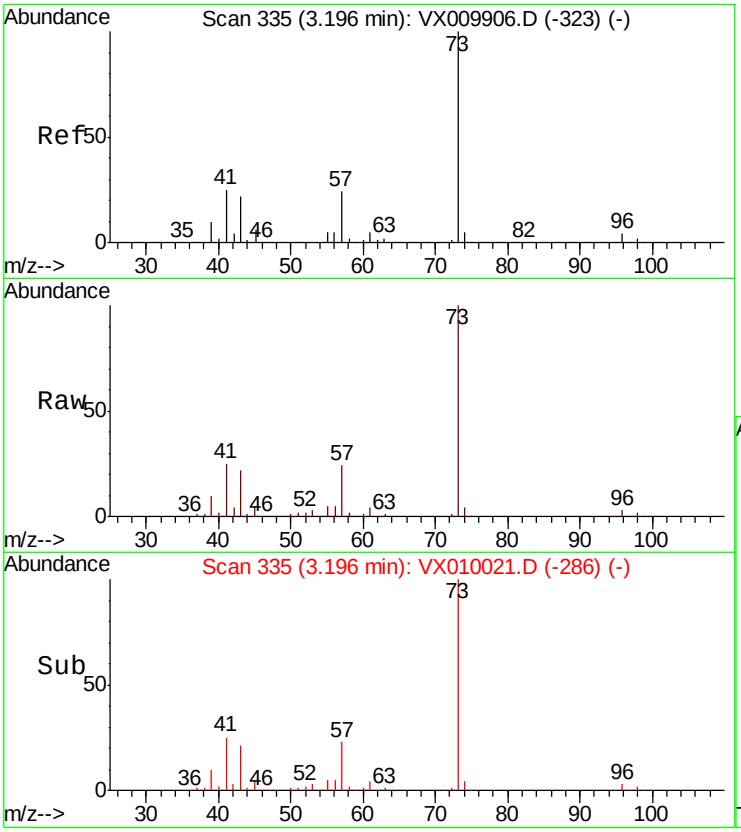




#18
Methyl Acetate
Concen: 47.268 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 43 Resp: 134062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 20.0 | 15.8 | 23.6 |



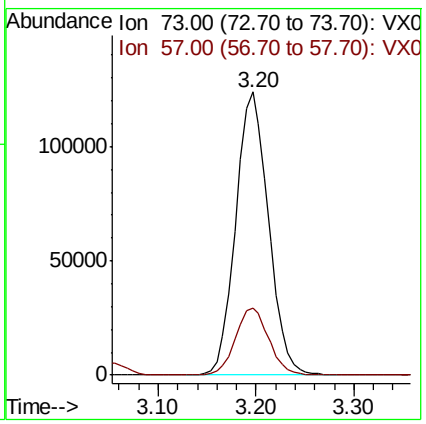


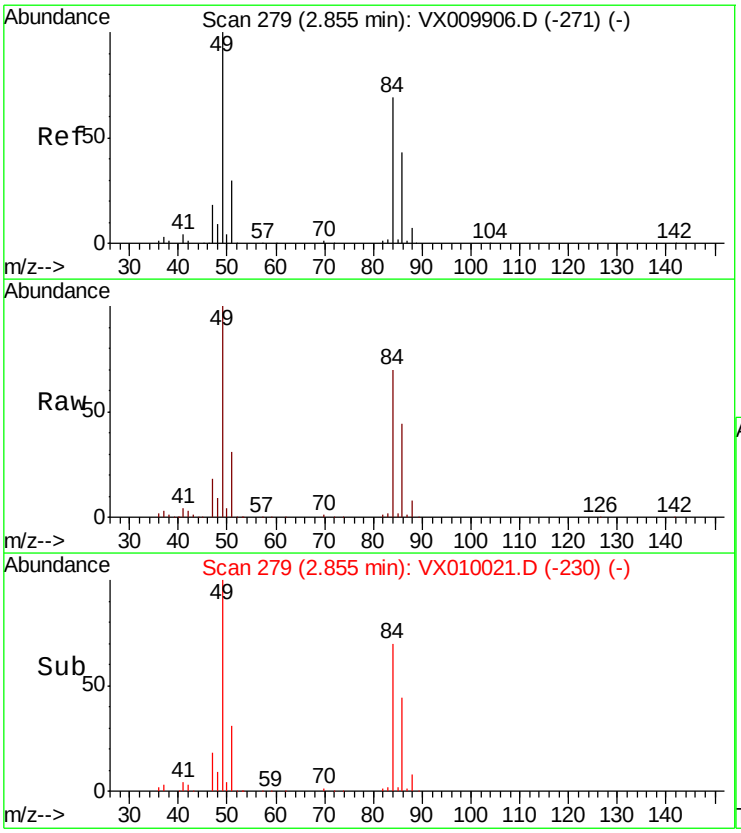

#19
Methyl tert-butyl Ether
Concen: 50.477 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :** MSVOA_X
**ClientSampleId :** LF012MW004-190528MS

Tgt Ion: 73 Resp: 288232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.5 | 19.4 | 29.2 |

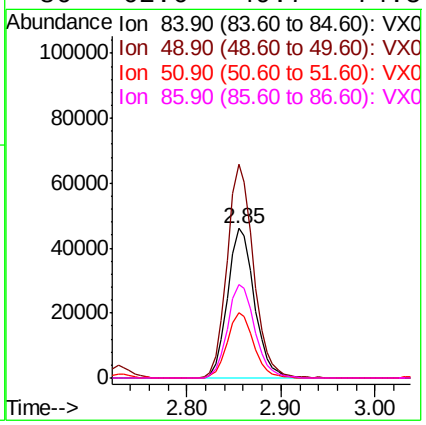


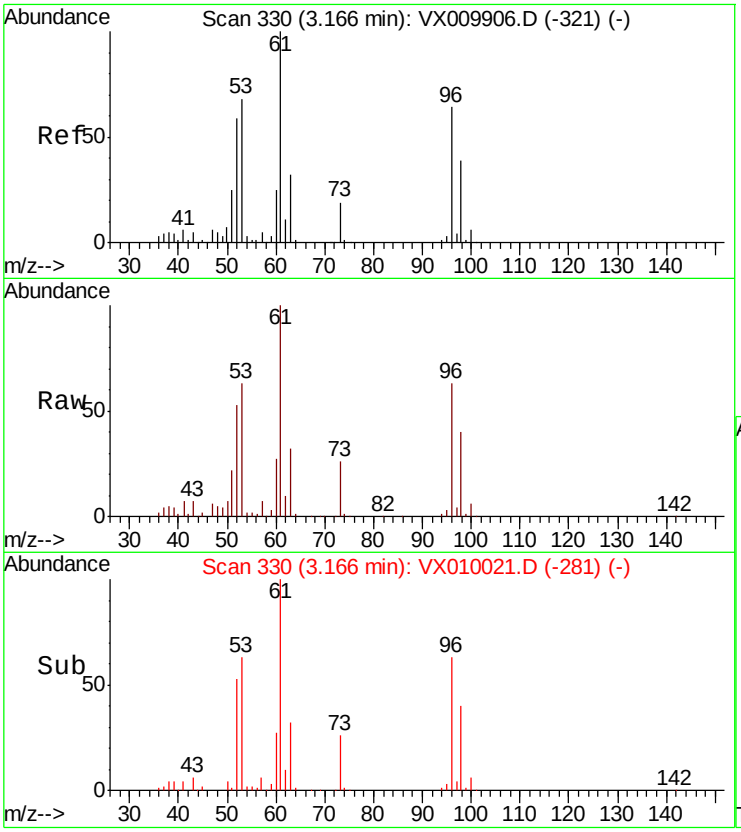




#20
Methylene Chloride
Concen: 48.878 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 84 Resp: 91235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 142.7 | 115.8 | 173.6 |
| 51 | 43.7 | 34.4 | 51.6 |
| 86 | 62.6 | 49.7 | 74.5 |



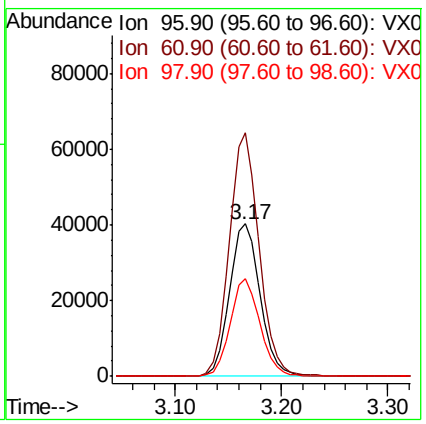


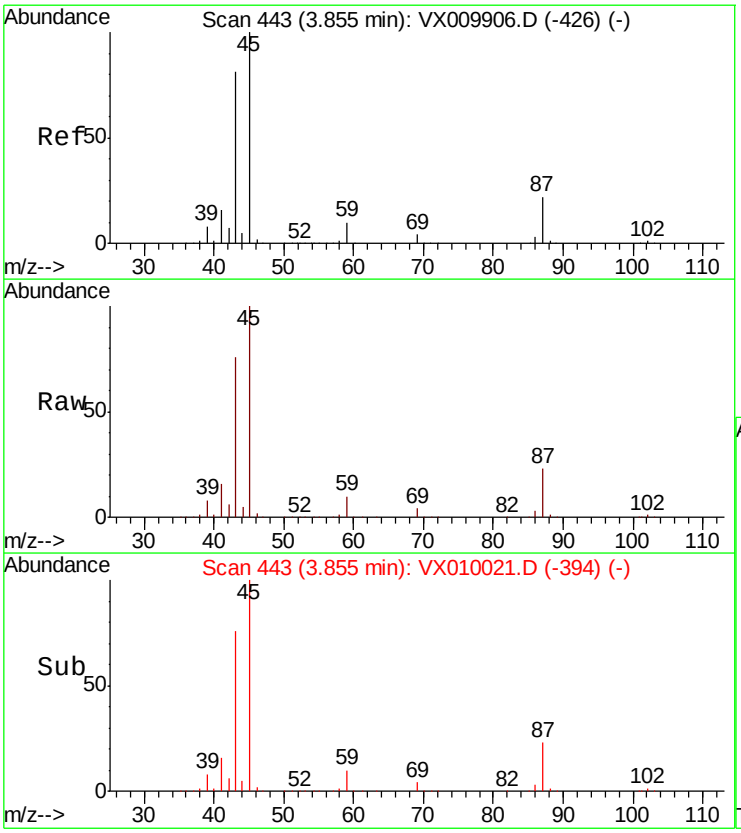

#21
trans-1,2-Dichloroethene
Concen: 48.228 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 96 Resp: 81163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 159.8 | 125.7 | 188.5 |
| 98 | 64.4 | 49.0 | 73.6 |

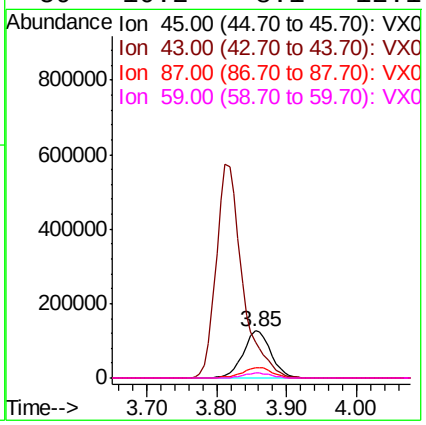


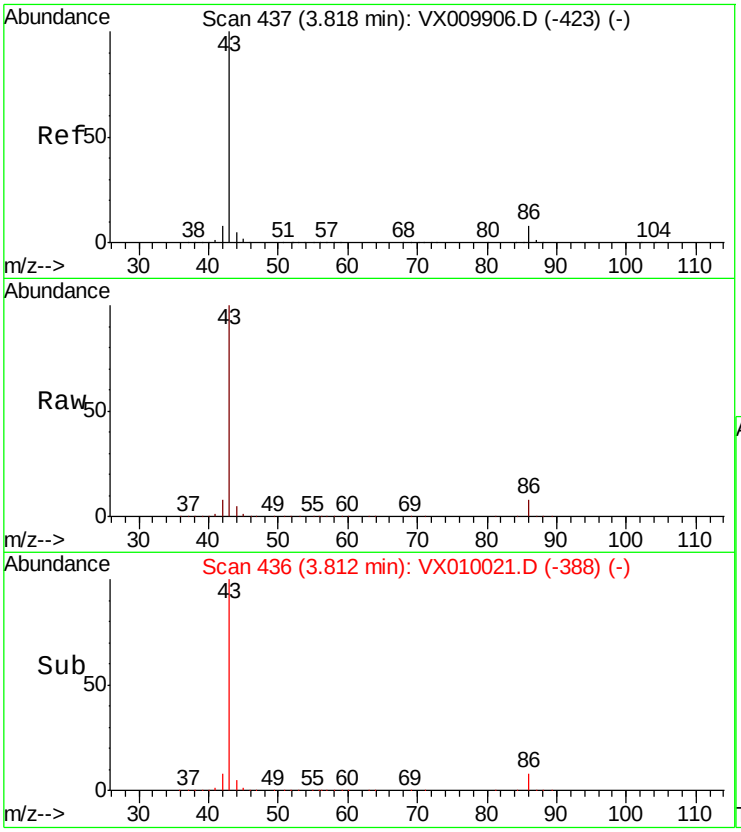




#22
Diisopropyl ether
Concen: 49.926 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 45 Resp: 349204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 76.4 | 65.0 | 97.4 |
| 87 | 22.6 | 17.3 | 25.9 |
| 59 | 10.2 | 8.1 | 12.1 |



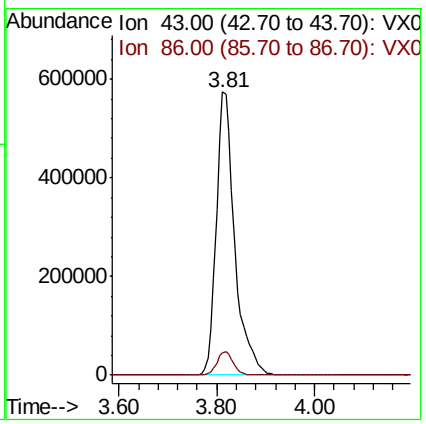


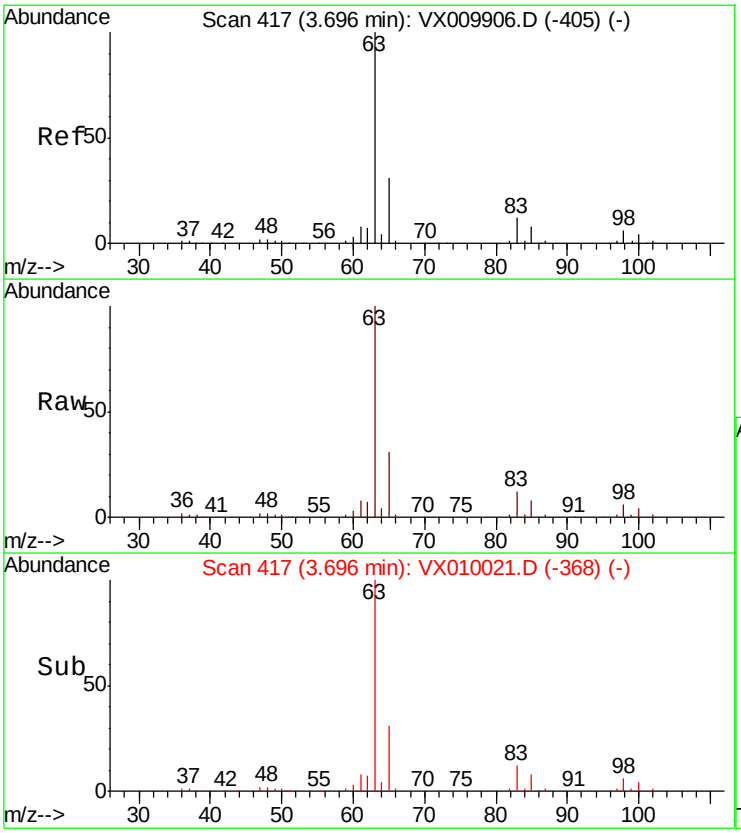

#23
Vinyl Acetate
Concen: 238.563 ug/l
RT: 3.81 min Scan# 436
Delta R.T. -0.01 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :** MSVOA_X
**ClientSampleId :** LF012MW004-190528MS

Tgt Ion: 43 Resp: 1498996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.0 | 6.5 | 9.7 |

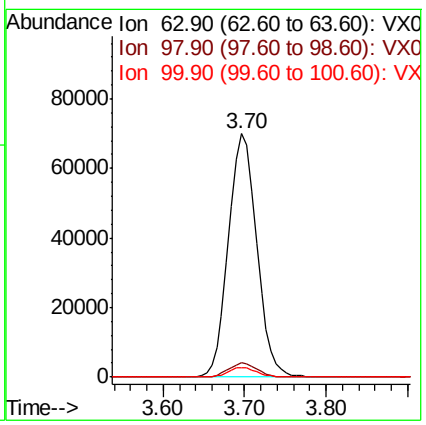


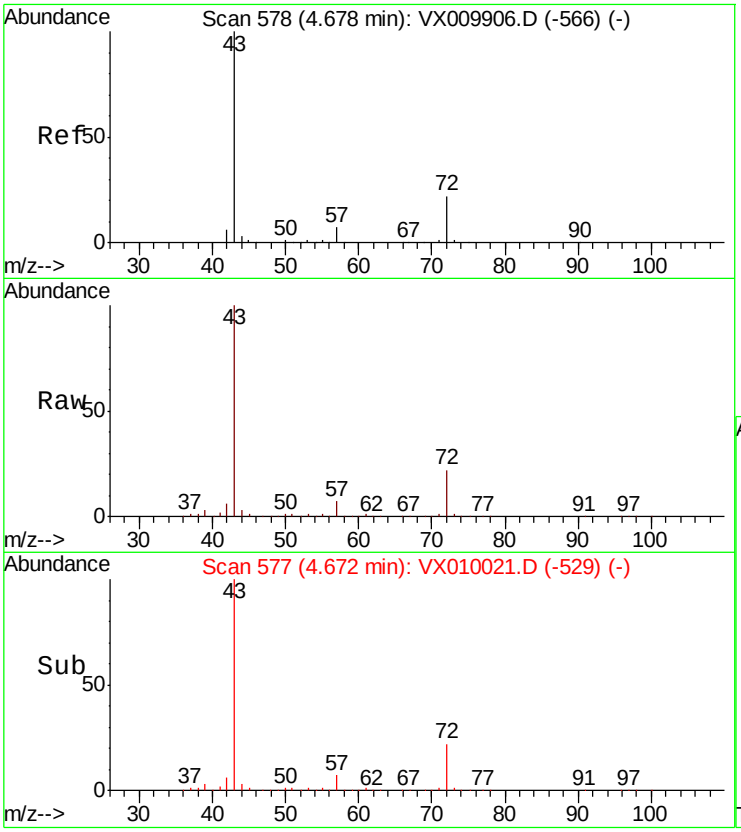




#24
1,1-Dichloroethane
Concen: 49.657 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 63 Resp: 168319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.2 | 2.9 | 8.8 |
| 100 | 3.9 | 1.8 | 5.4 |



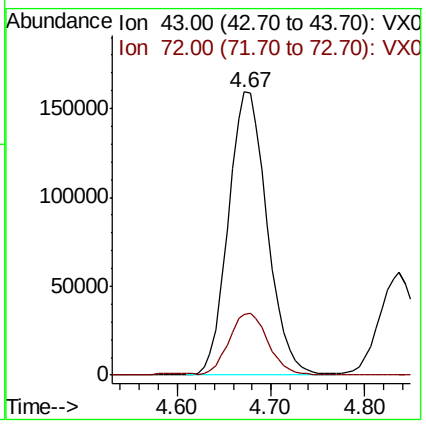


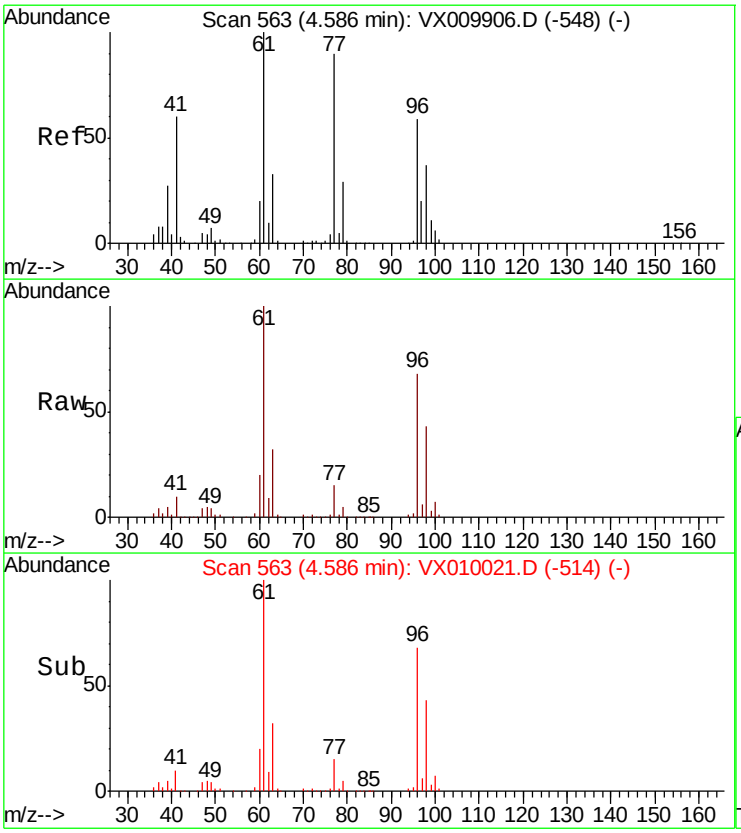

#25
2-Butanone
Concen: 240.349 ug/l
RT: 4.67 min Scan# 577
Delta R.T. -0.01 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 43 Resp: 456431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.5 | 17.5 | 26.3 |

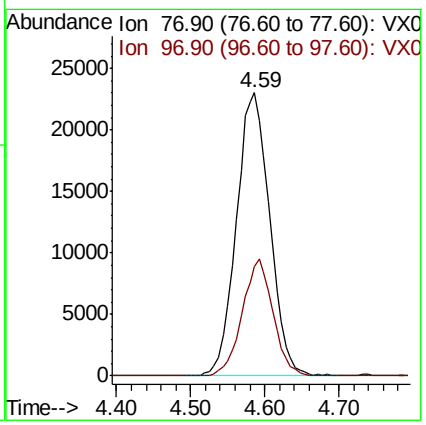


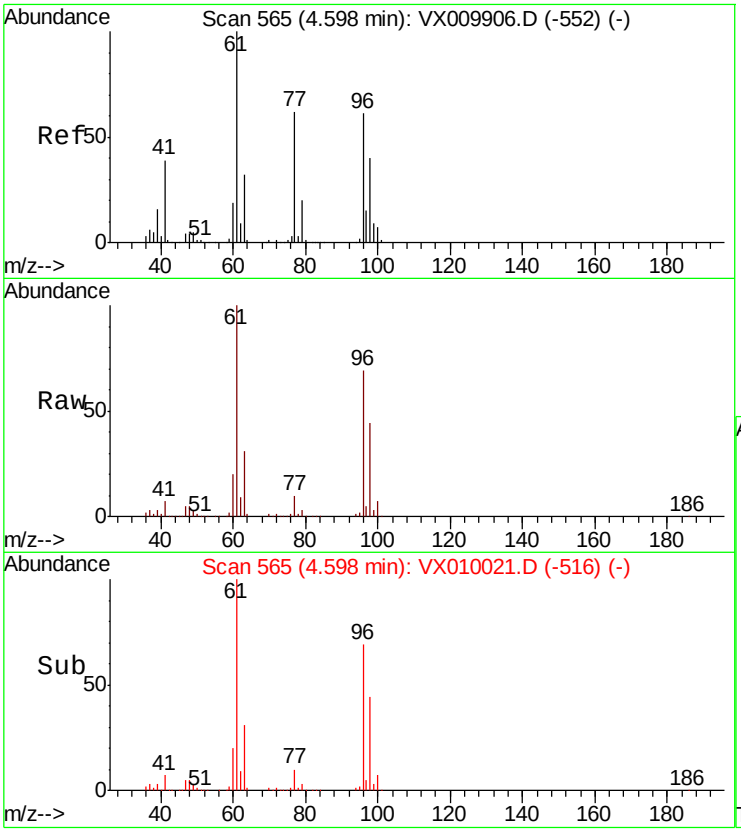




#26
2,2-Dichloropropane
Concen: 28.239 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 77 Resp: 72409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 37.9 | 11.4 | 34.2# |



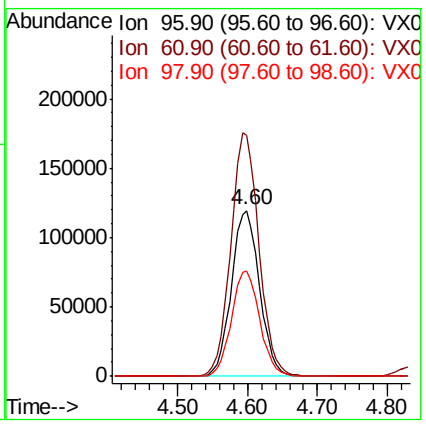


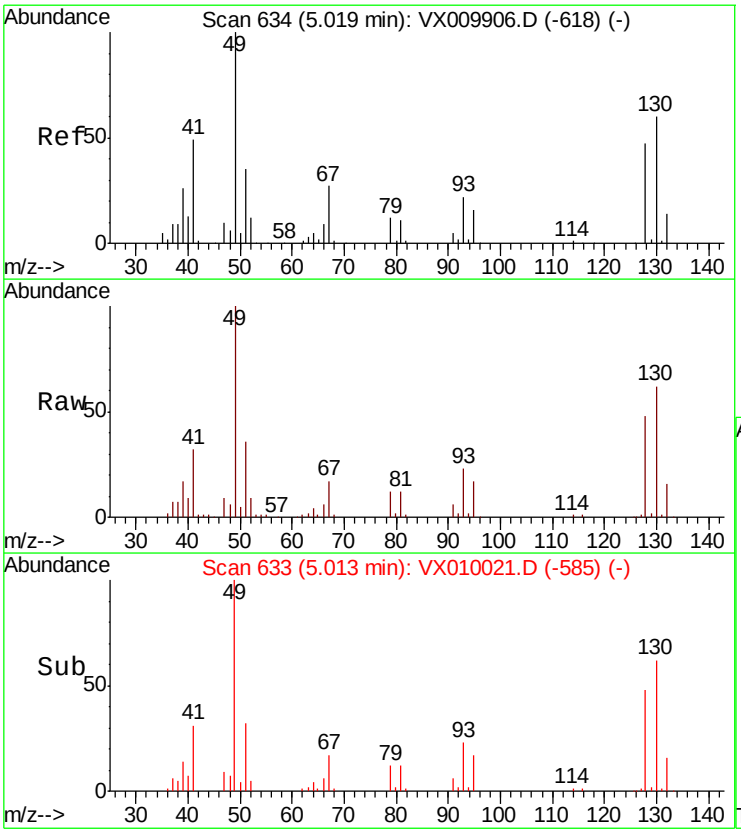

#27
cis-1,2-Dichloroethene
Concen: 171.957 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 96 Resp: 334043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 146.5 | 0.0 | 334.0 |
| 98 | 63.9 | 0.0 | 131.6 |

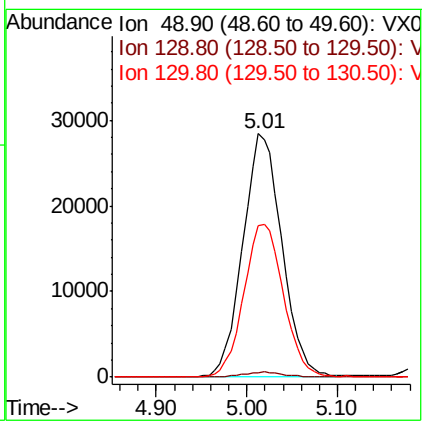


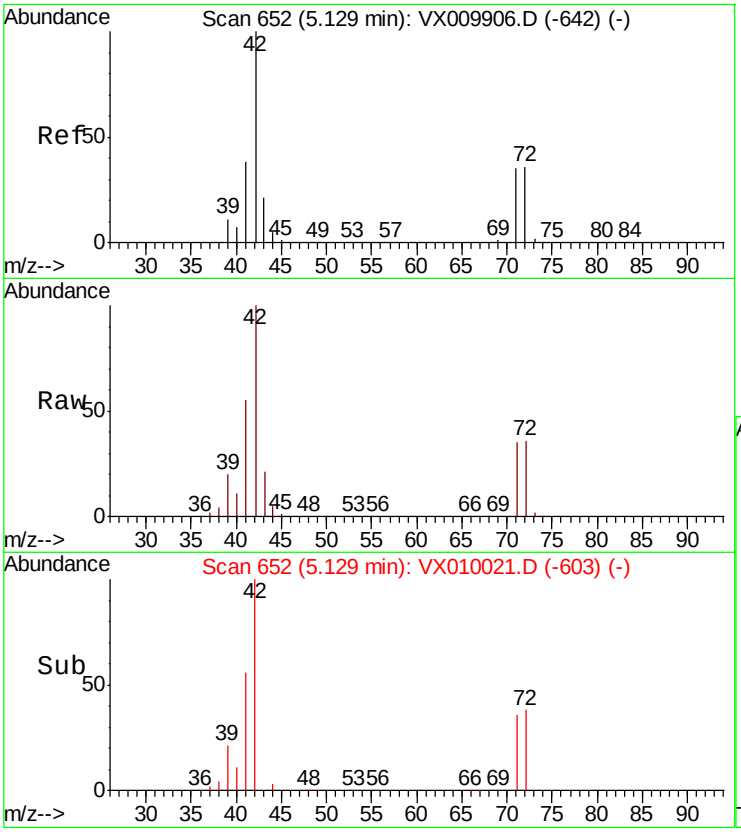




#28
Bromochloromethane
Concen: 48.312 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 49 Resp: 84979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.1 | 0.0 | 3.4 |
| 130 | 63.5 | 49.4 | 74.2 |



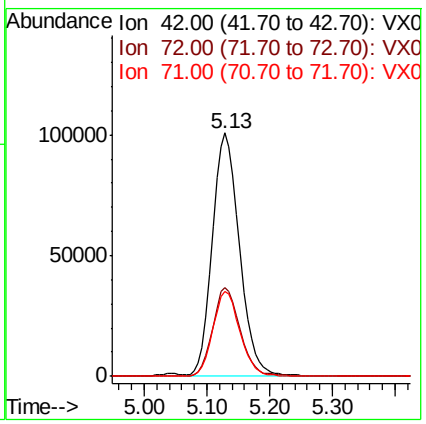


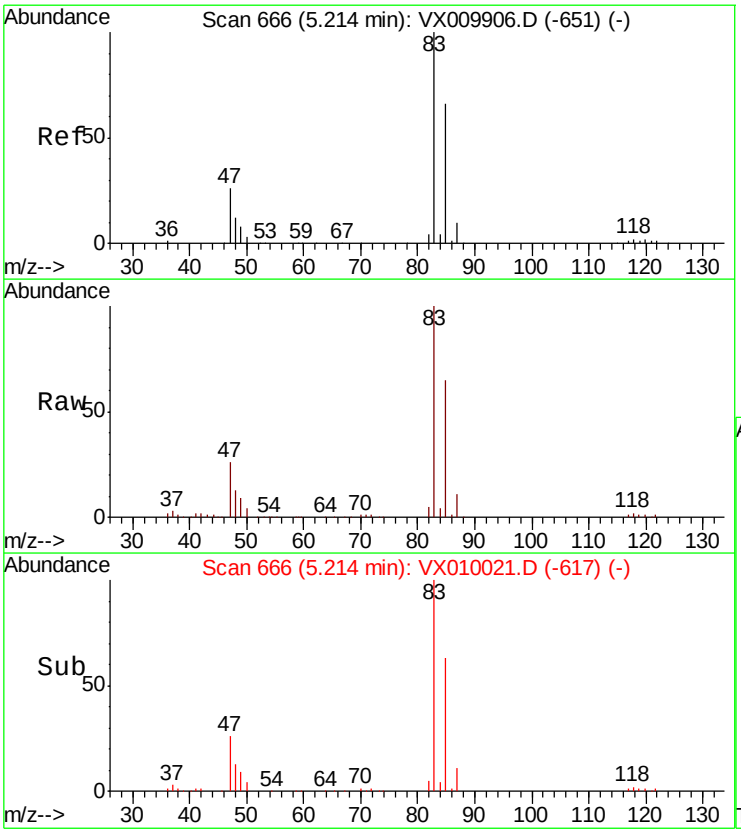

#29
Tetrahydrofuran
Concen: 247.549 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 42 Resp: 301459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 37.0 | 29.2 | 43.8 |
| 71 | 34.9 | 27.6 | 41.4 |

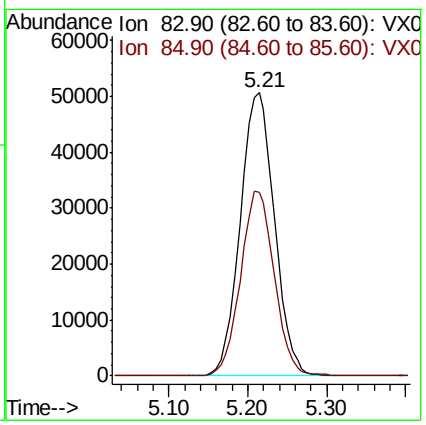


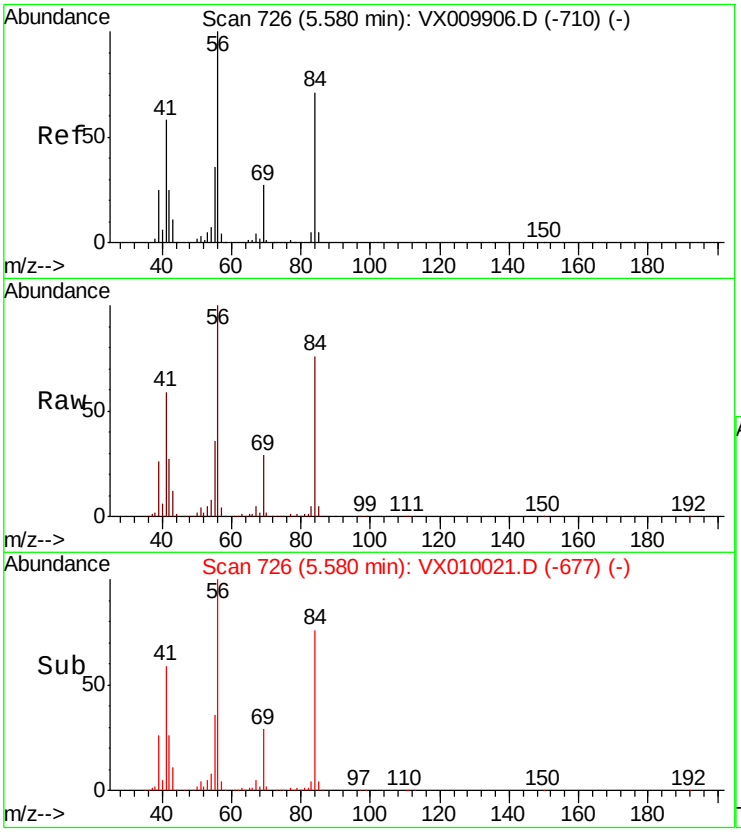




#30
Chloroform
Concen: 50.149 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 83 Resp: 153303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.8 | 52.6 | 78.8 |



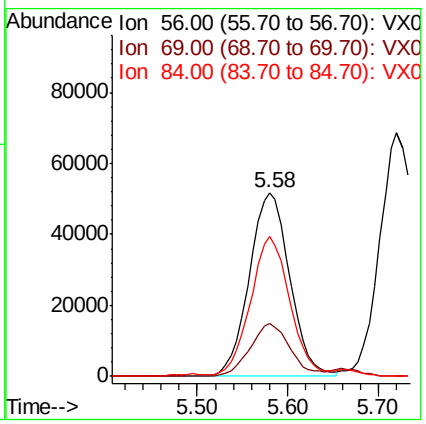


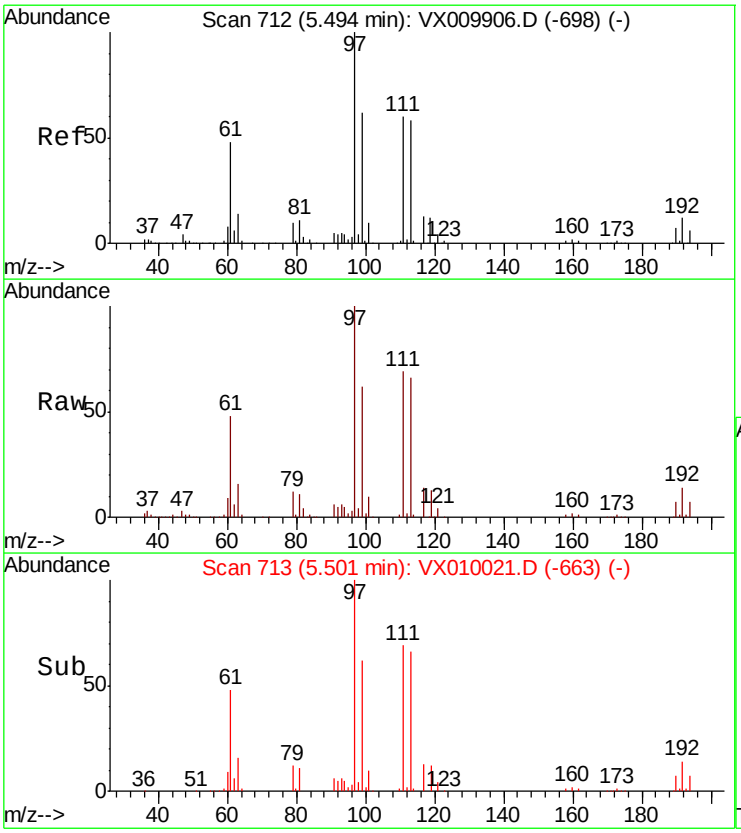

#31
Cyclohexane
Concen: 49.737 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 56 Resp: 159678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 28.8 | 21.6 | 32.4 |
| 84 | 74.6 | 56.8 | 85.2 |

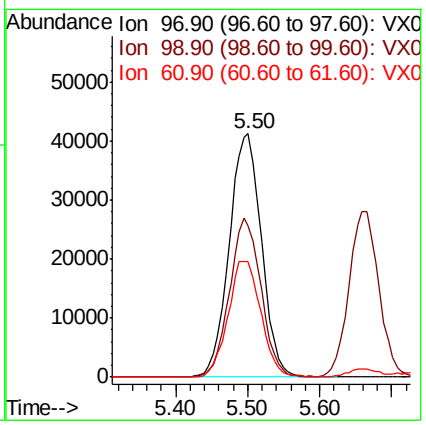


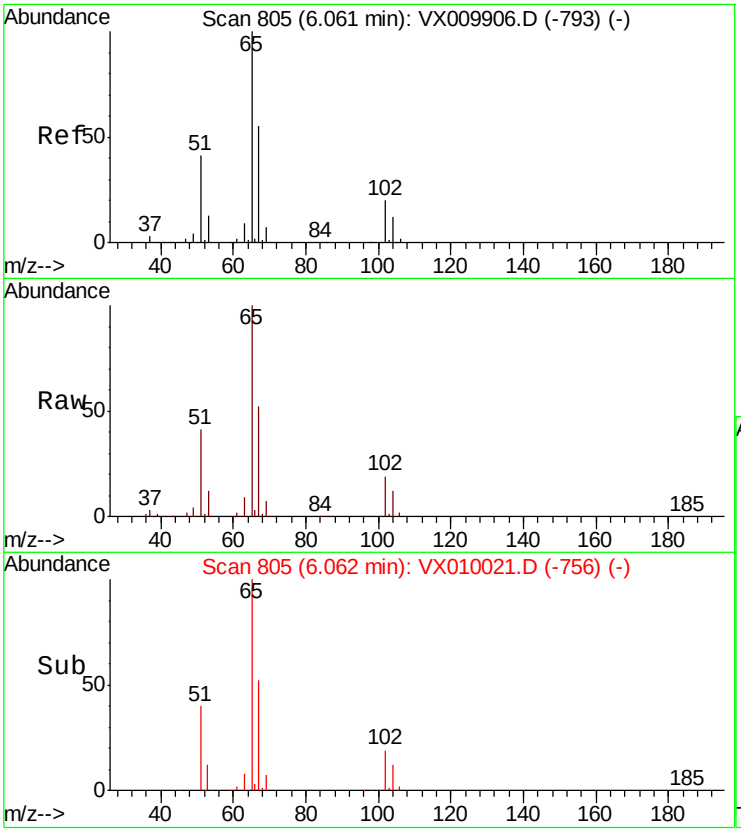




#32
1,1,1-Trichloroethane
Concen: 51.466 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 97 Resp: 128130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.6 | 51.0 | 76.4 |
| 61 | 48.5 | 38.7 | 58.1 |



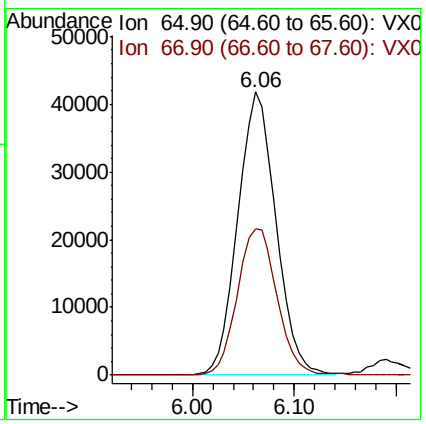


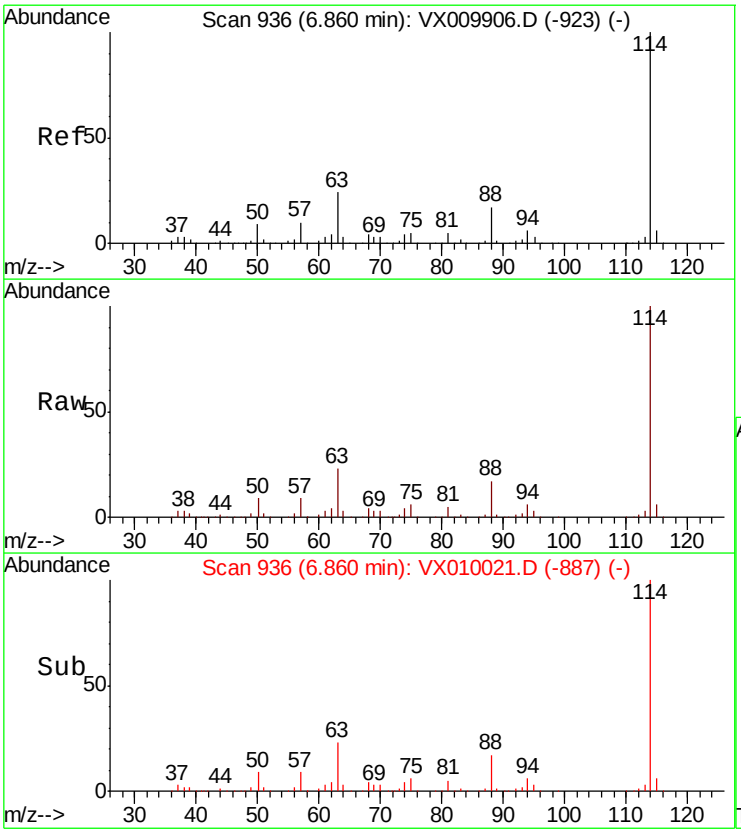

#33
1,2-Dichloroethane-d4
Concen: 51.660 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 65 Resp: 108984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.6 | 0.0 | 108.4 |

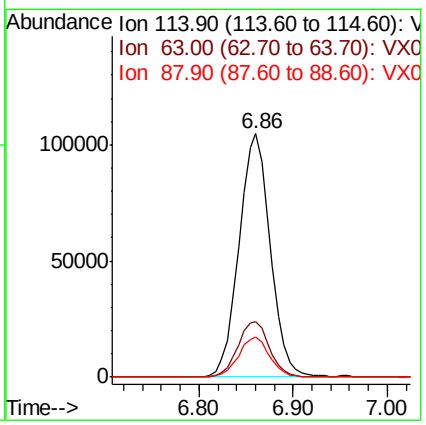


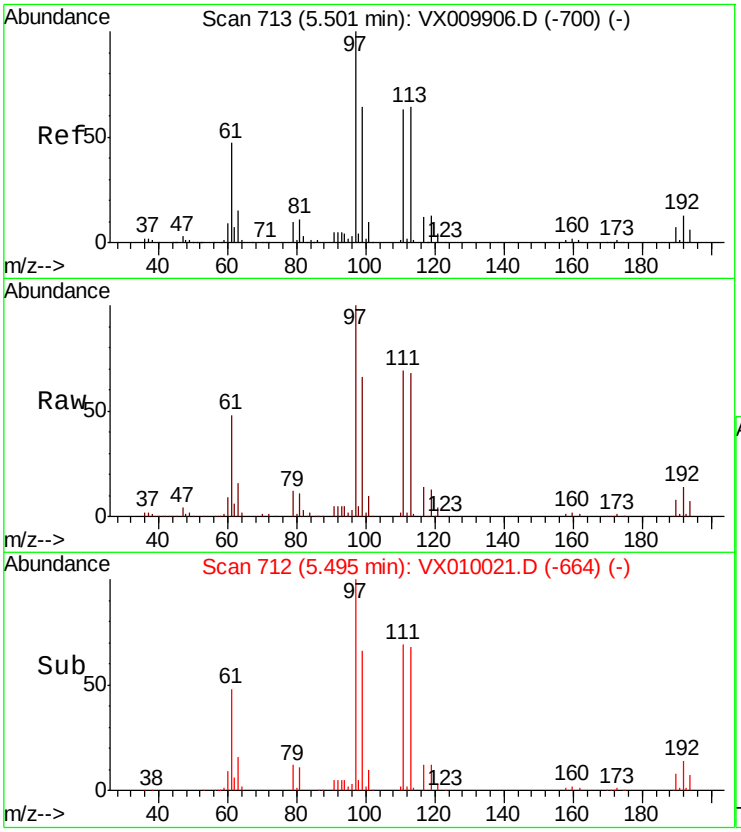




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion:114 Resp: 243233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.7 | 0.0 | 47.4 |
| 88 | 16.6 | 0.0 | 33.0 |



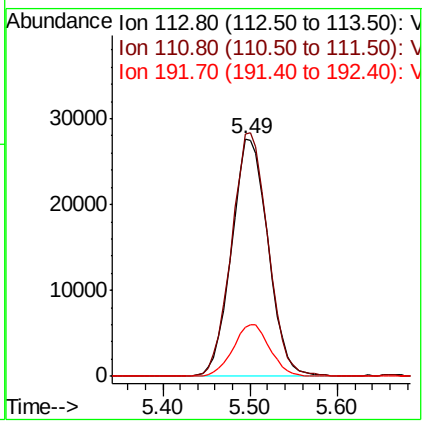


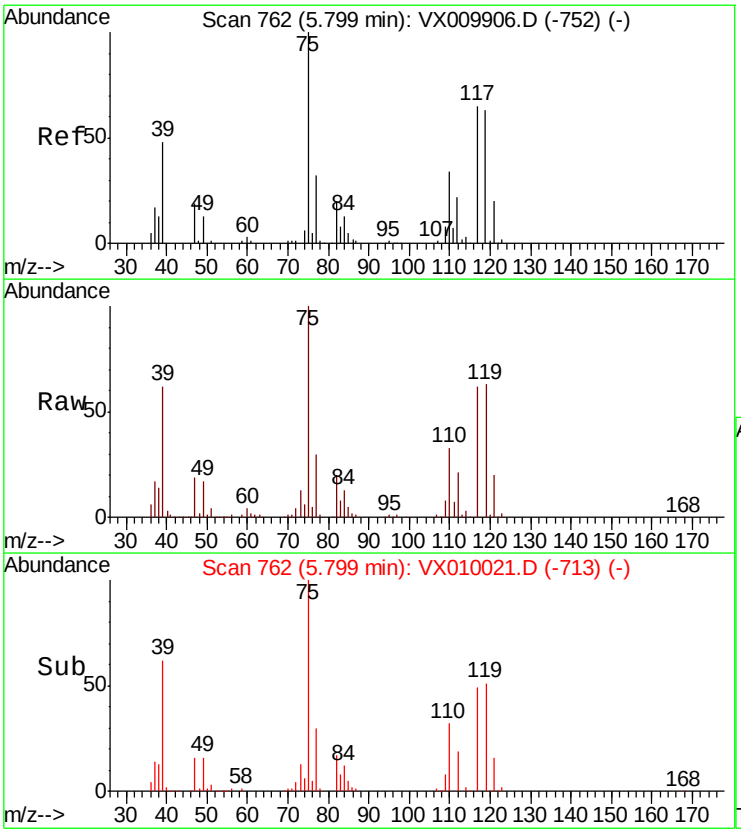

#35
Dibromofluoromethane
Concen: 52.317 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion:113 Resp: 80004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.7 | 82.2 | 123.2 |
| 192 | 22.0 | 17.1 | 25.7 |

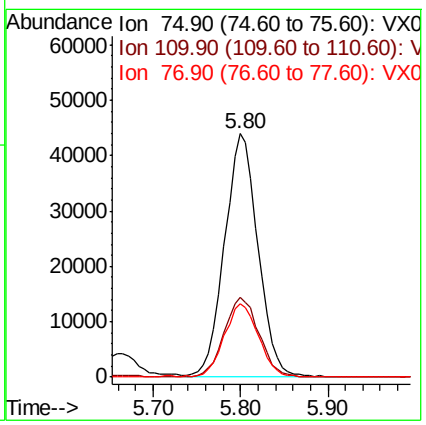


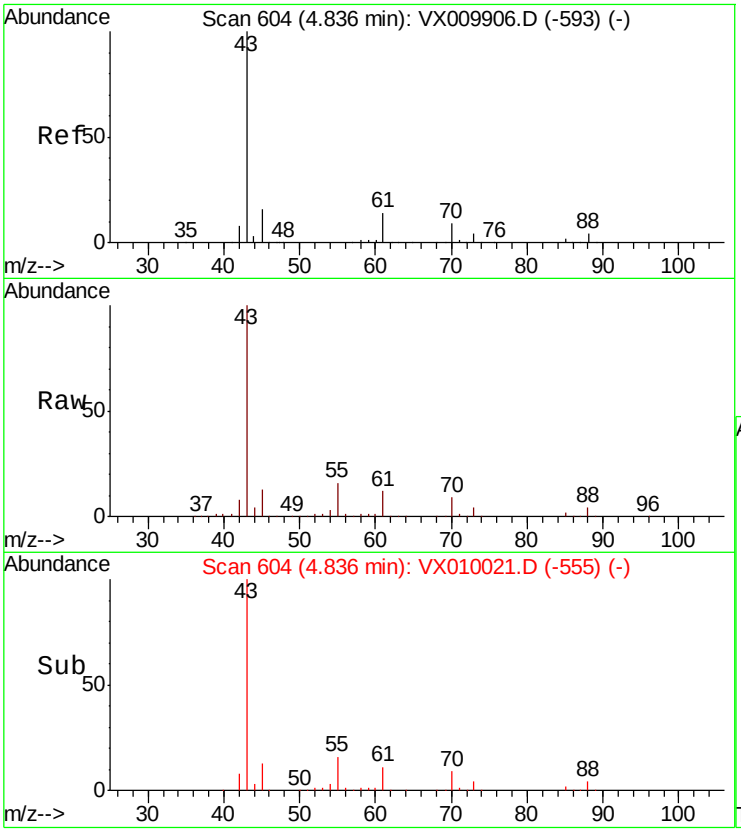




#36
1,1-Dichloropropene
Concen: 46.960 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 75 Resp: 115893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.2 | 16.7 | 50.1 |
| 77 | 31.0 | 25.0 | 37.4 |



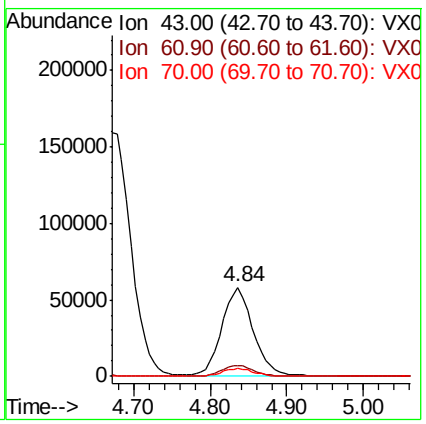


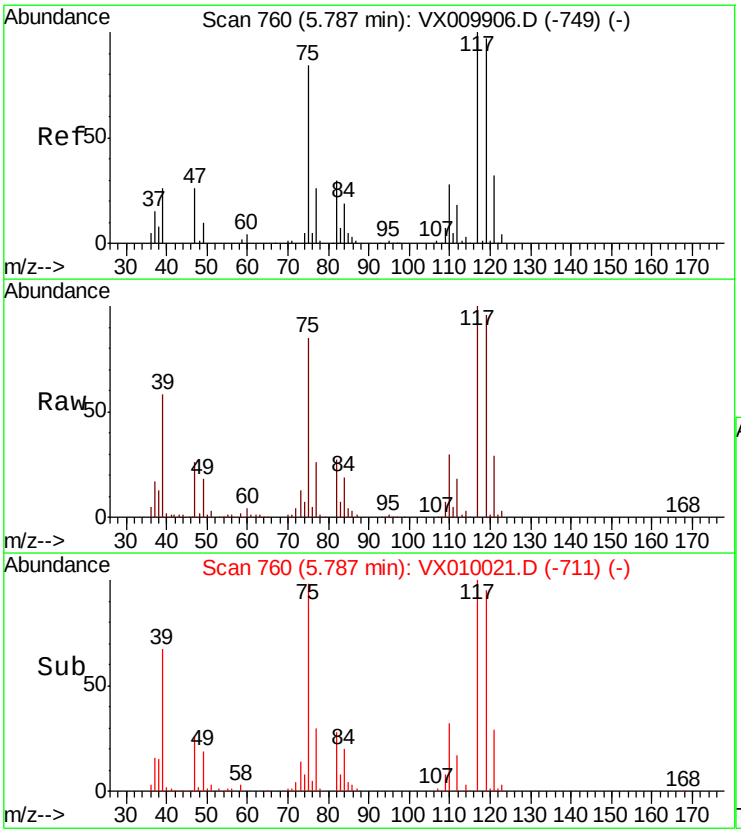

#37
Ethyl Acetate
Concen: 47.875 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 43 Resp: 164627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 12.8 | 10.2 | 15.2 |
| 70 | 9.3 | 7.4 | 11.2 |

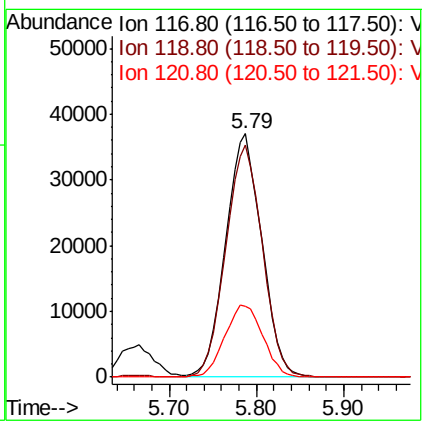


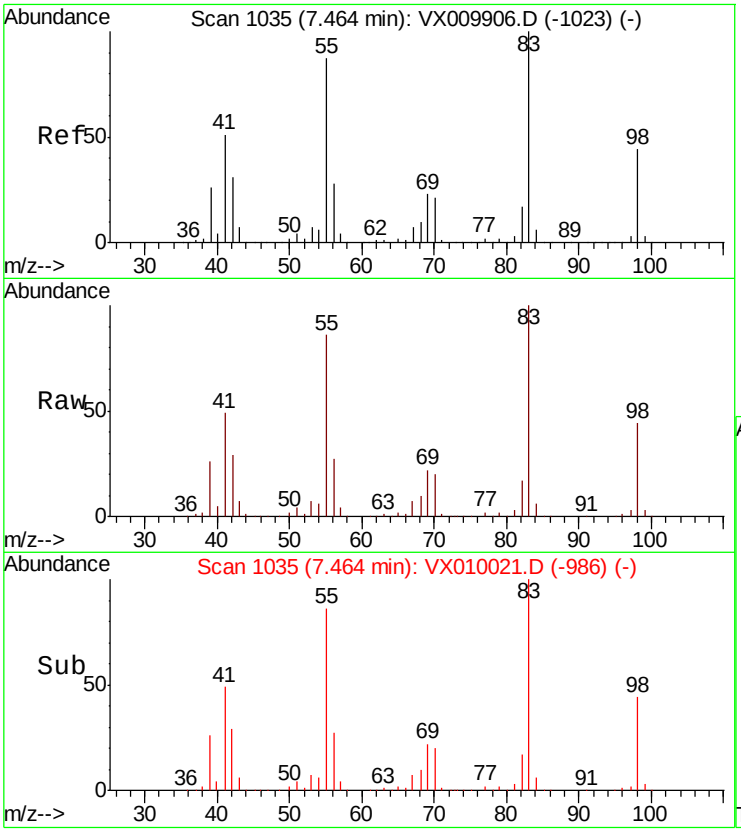




#38
Carbon Tetrachloride
Concen: 49.838 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion:117 Resp: 106284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.5 | 77.3 | 115.9 |
| 121 | 29.2 | 25.4 | 38.0 |



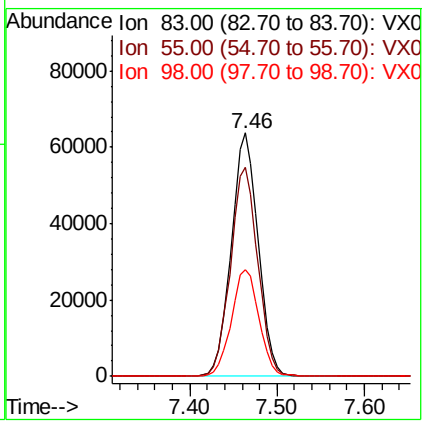


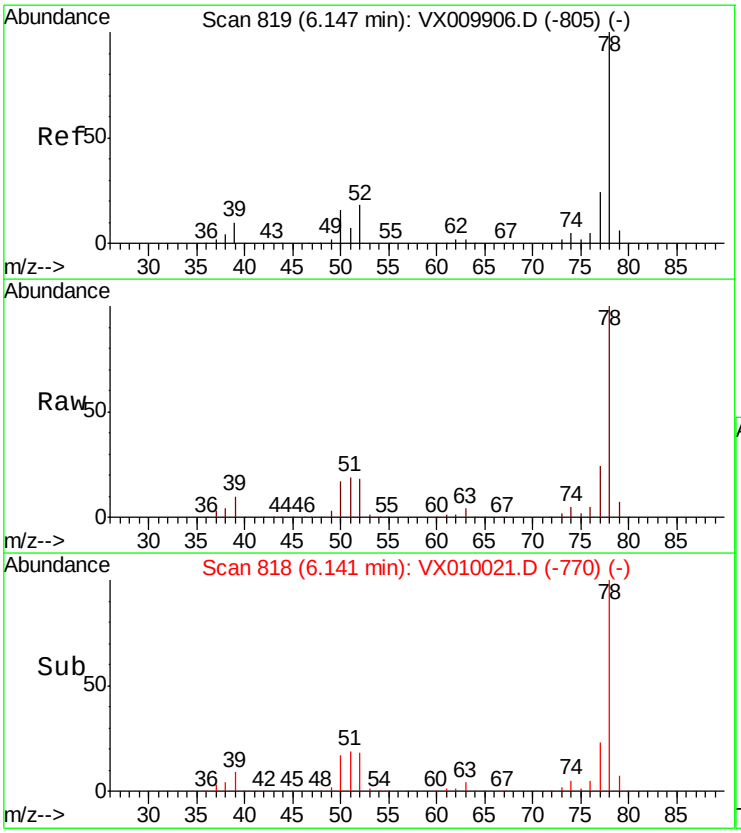

#39
Methylcyclohexane
Concen: 46.639 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 83 Resp: 136529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 86.0 | 69.9 | 104.9 |
| 98 | 43.8 | 35.1 | 52.7 |

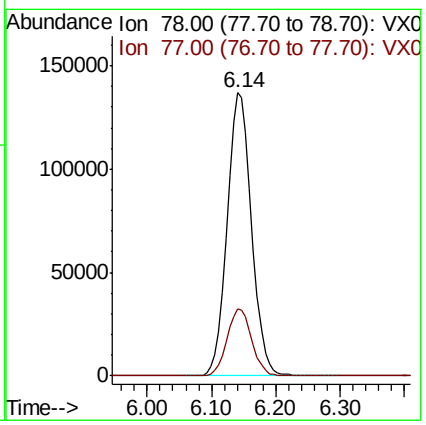


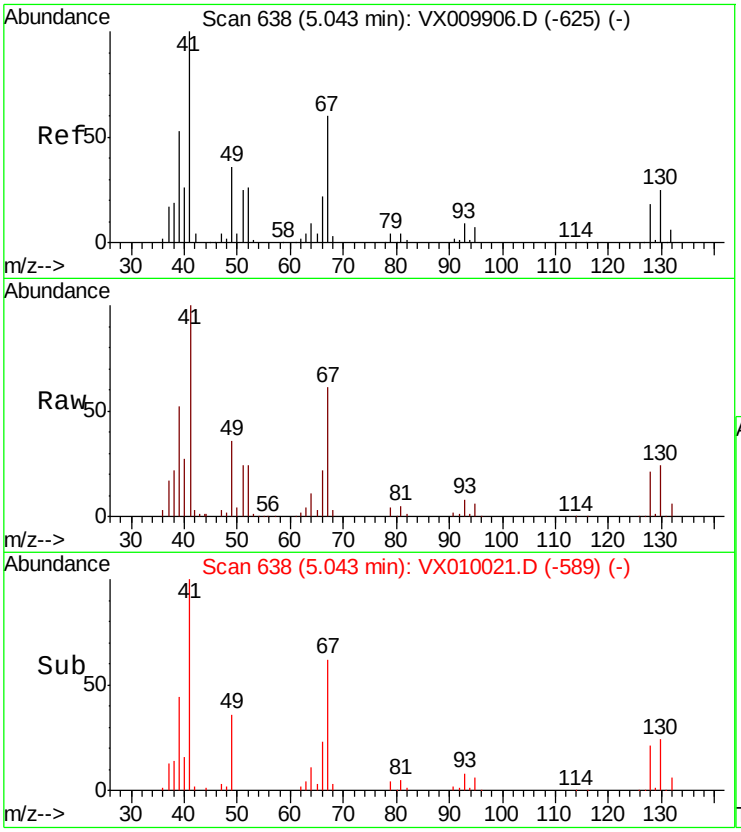




#40
Benzene
Concen: 49.493 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 78 Resp: 362330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.5 | 19.2 | 28.8 |



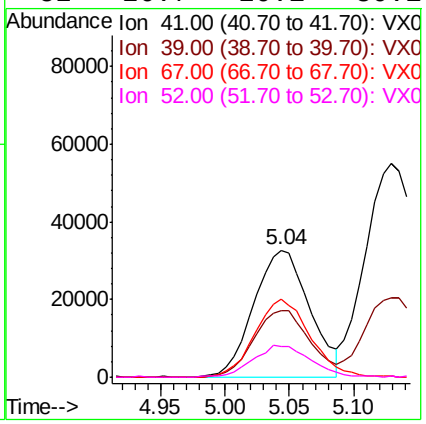


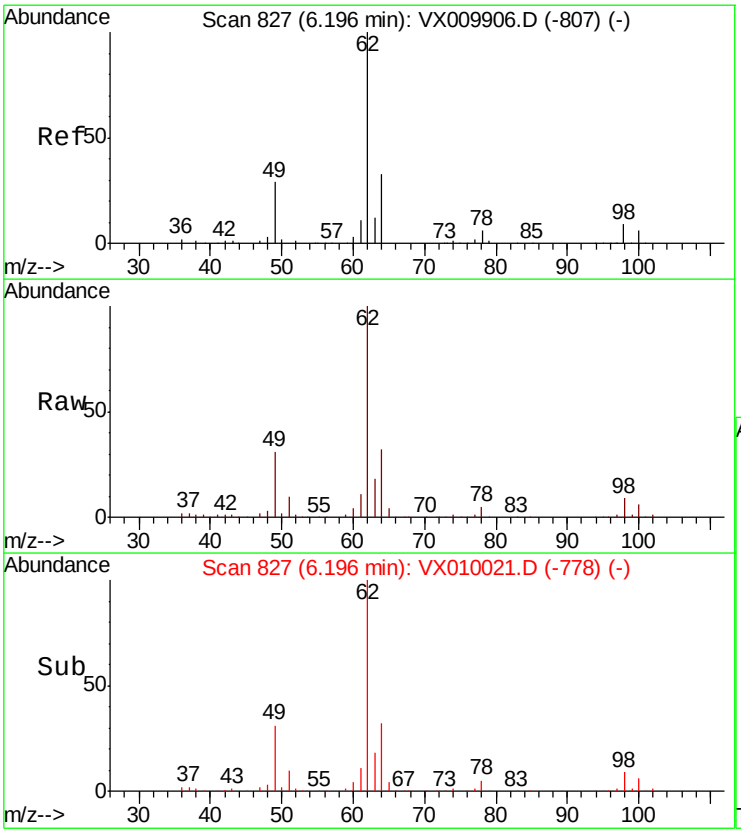

#41
Methacrylonitrile
Concen: 48.812 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 41 Resp: 98079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 52.8 | 42.2 | 63.4 |
| 67 | 61.2 | 48.9 | 73.3 |
| 52 | 26.7 | 20.1 | 30.1 |

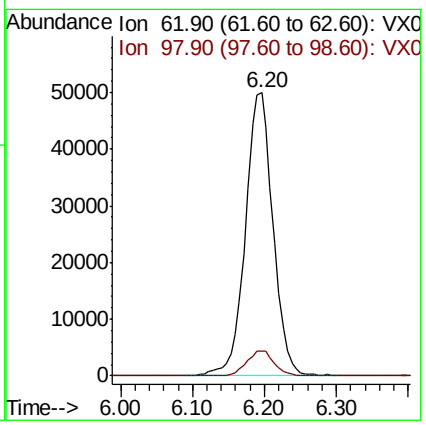


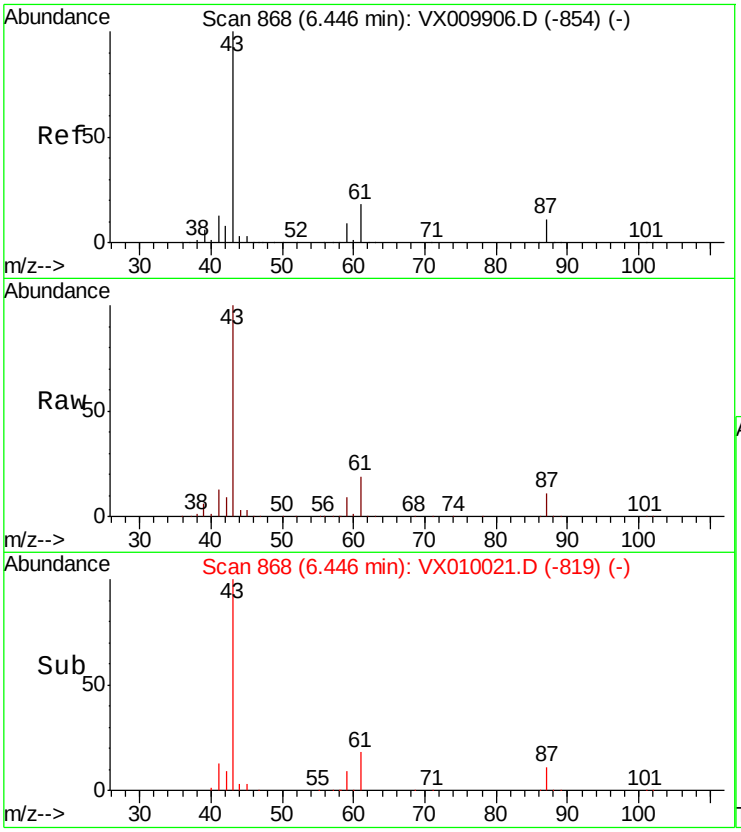




#42
1,2-Dichloroethane
Concen: 48.840 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 62 Resp: 132184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.8 | 0.0 | 17.2 |



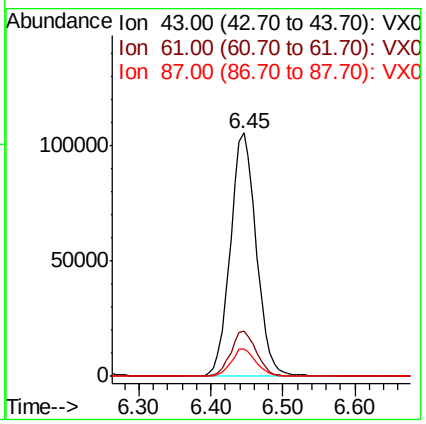


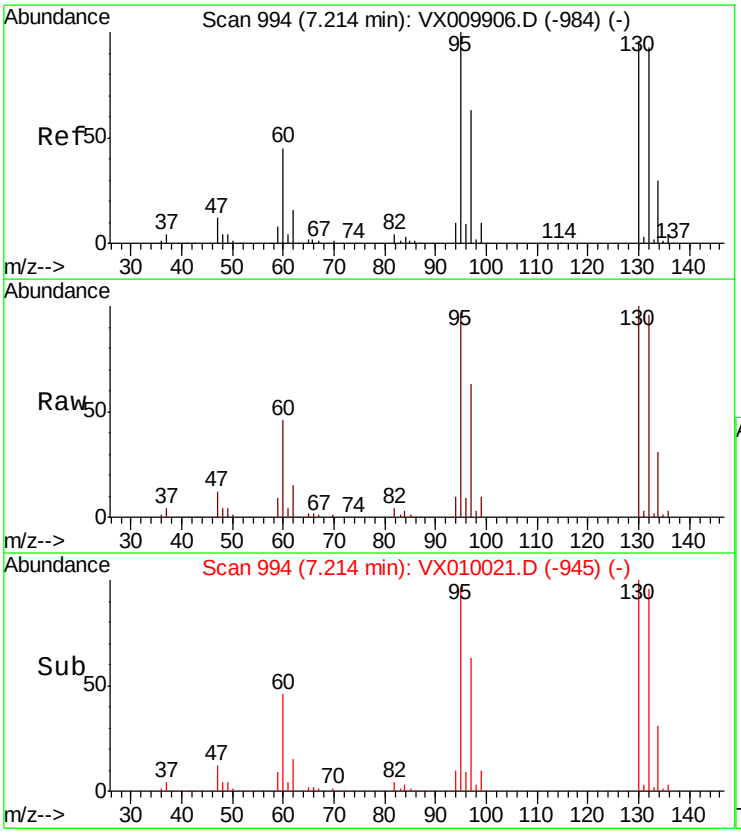

#43
Isopropyl Acetate
Concen: 47.391 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 43 Resp: 262948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.5 | 14.6 | 21.8 |
| 87 | 11.0 | 8.7 | 13.1 |

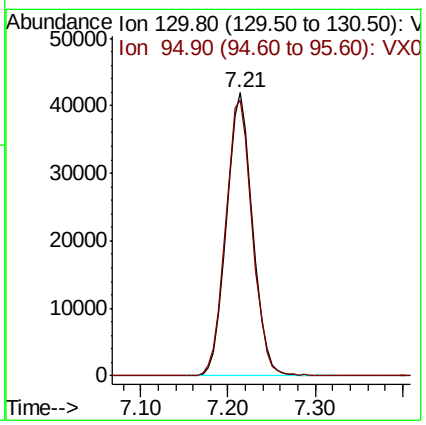


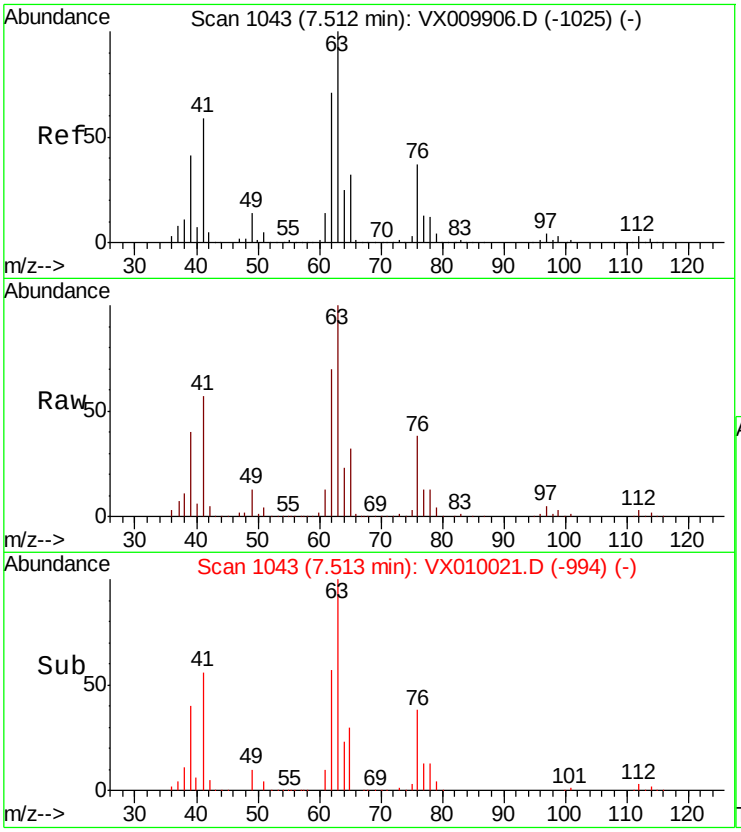




#44
Trichloroethene
Concen: 49.069 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion:130 Resp: 87258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 97.3 | 0.0 | 207.4 |



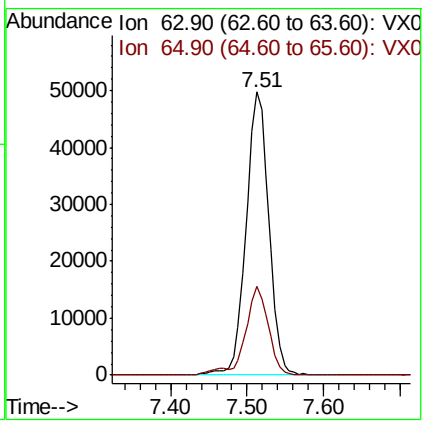


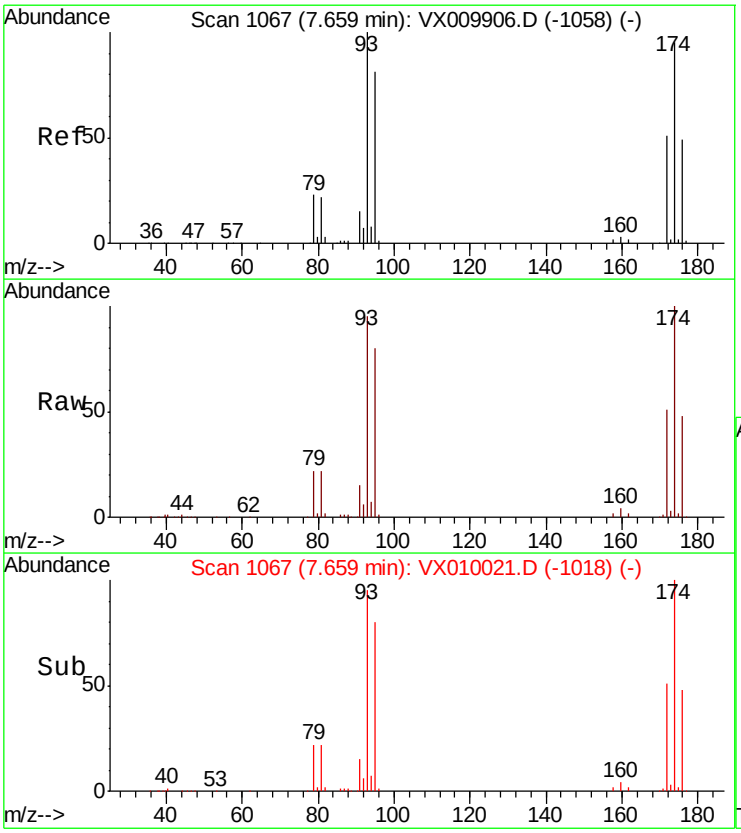

#45
1,2-Dichloropropane
Concen: 48.975 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 63 Resp: 103210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.6 | 25.7 | 38.5 |

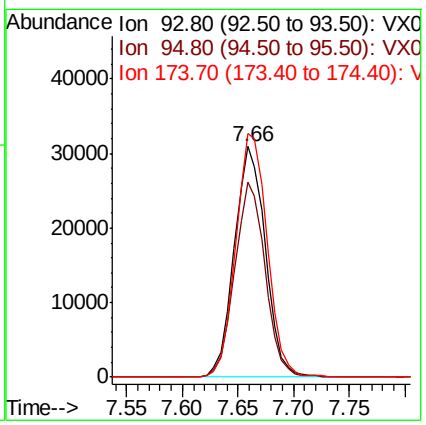


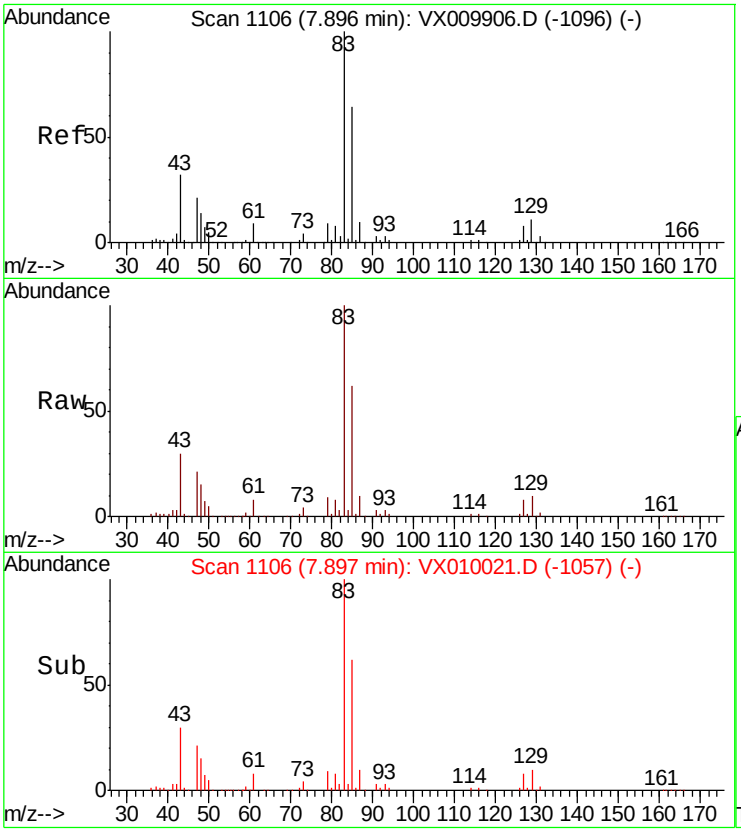




#46
Dibromomethane
Concen: 48.156 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 93 Resp: 59737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.1 | 66.8 | 100.2 |
| 174 | 107.1 | 81.9 | 122.9 |



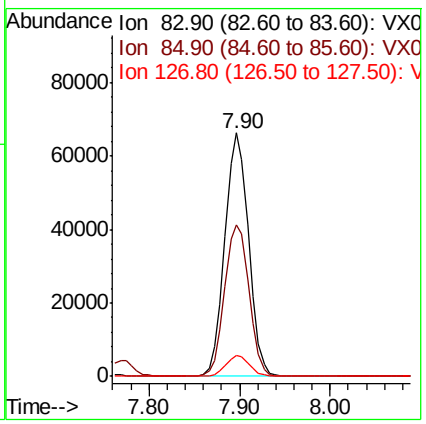


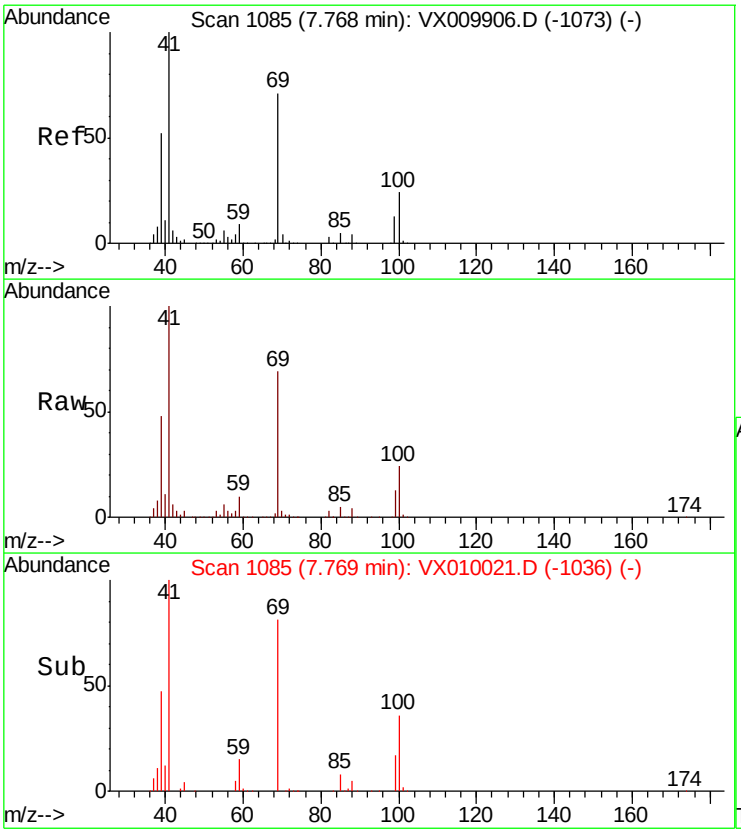

#47
Bromodichloromethane
Concen: 51.228 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 83 Resp: 120843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.1 | 51.4 | 77.2 |
| 127 | 8.3 | 6.4 | 9.6 |

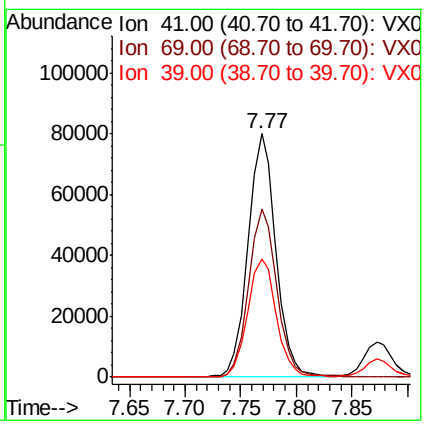


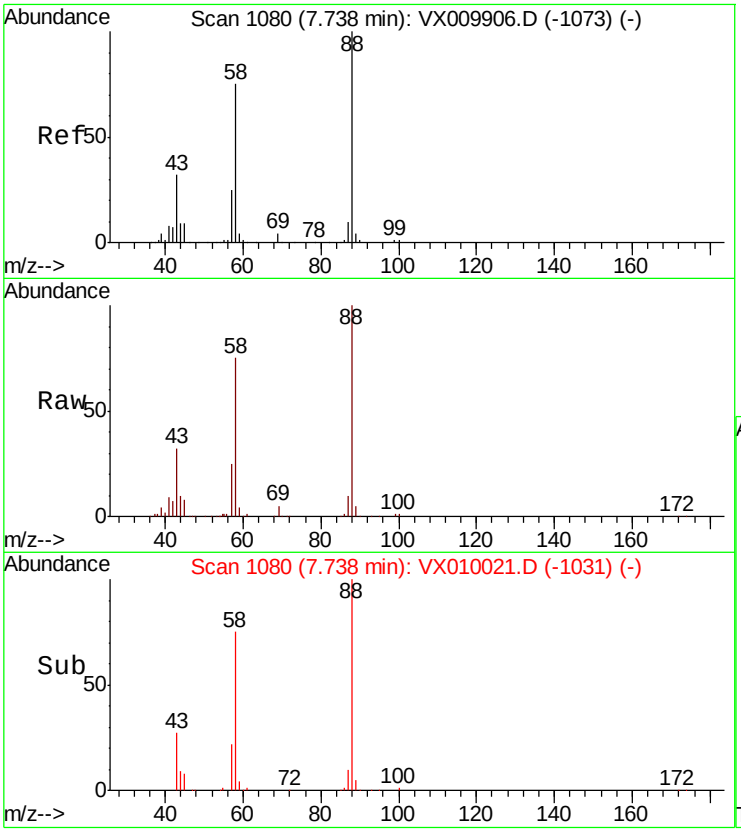




#48
Methyl methacrylate
Concen: 50.648 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 41 Resp: 139114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 70.8 | 56.4 | 84.6 |
| 39 | 50.1 | 40.6 | 60.8 |



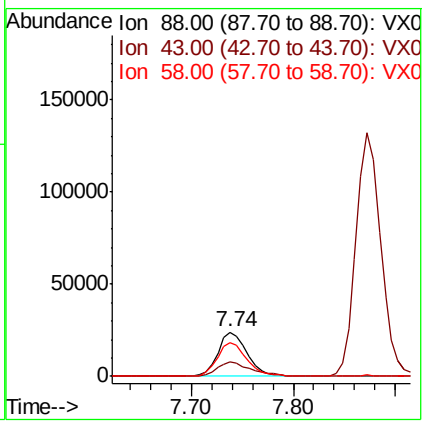


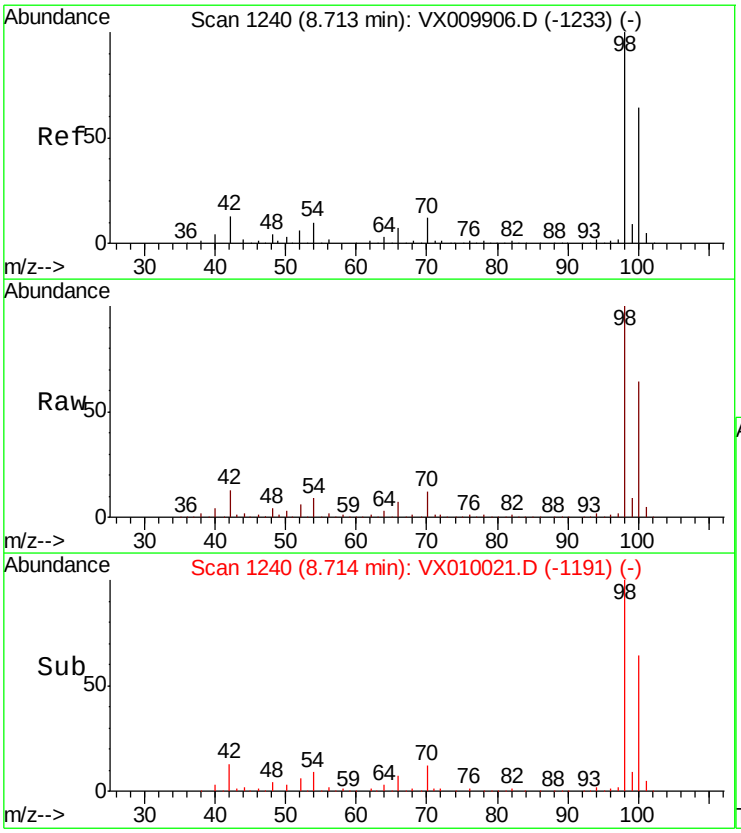

#49
1,4-Dioxane
Concen: 935.332 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 88 Resp: 47787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 38.9 | 30.2 | 45.4 |
| 58 | 77.7 | 64.0 | 96.0 |

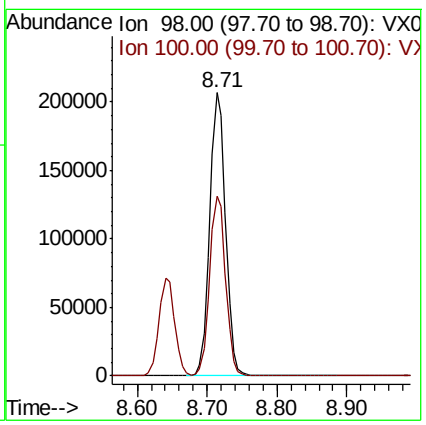


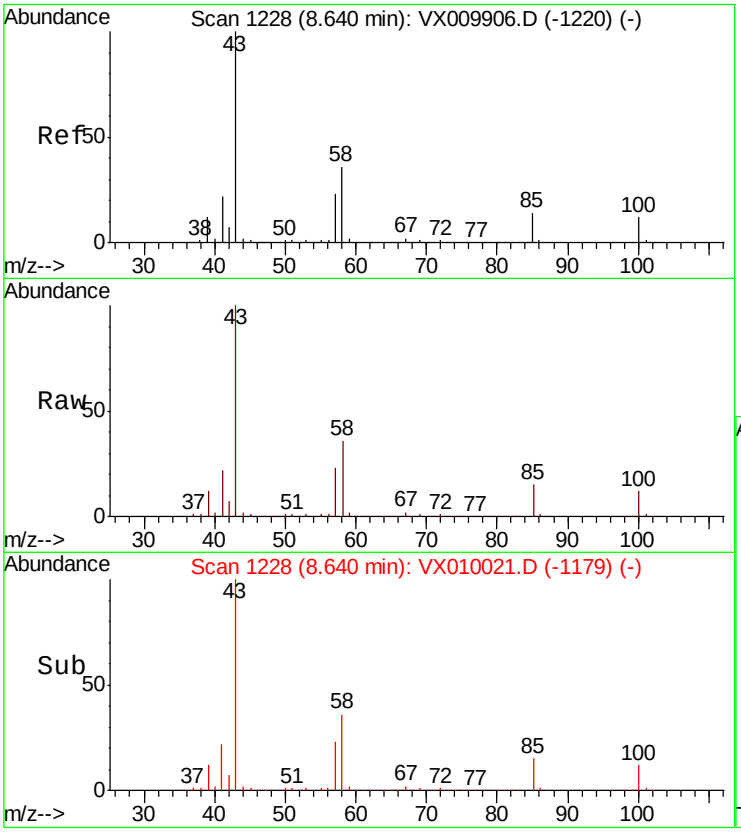




#50
Toluene-d8
Concen: 52.497 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 98 Resp: 325996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.5 | 51.5 | 77.3 |



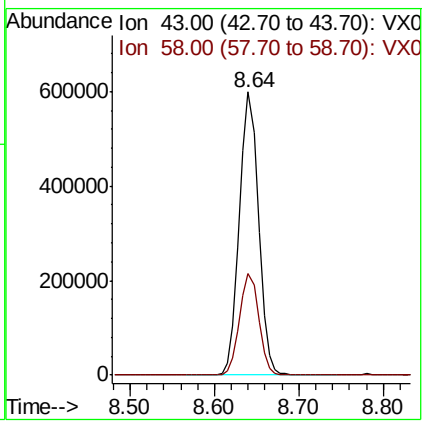


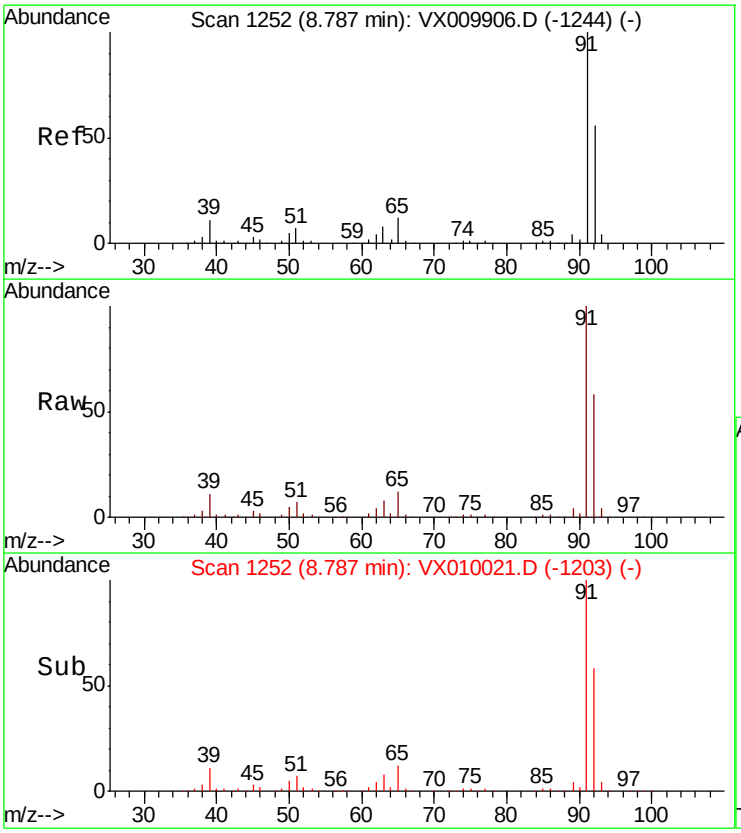

#51
4-Methyl-2-Pentanone
Concen: 252.597 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 43 Resp: 911711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.1 | 28.8 | 43.2 |

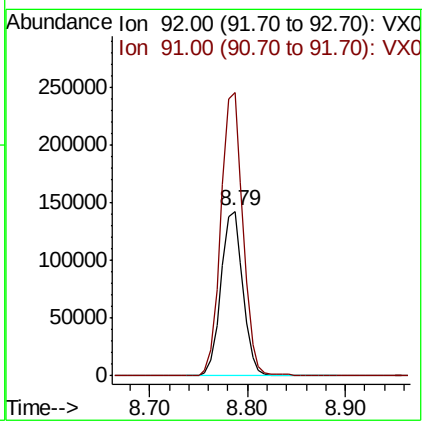


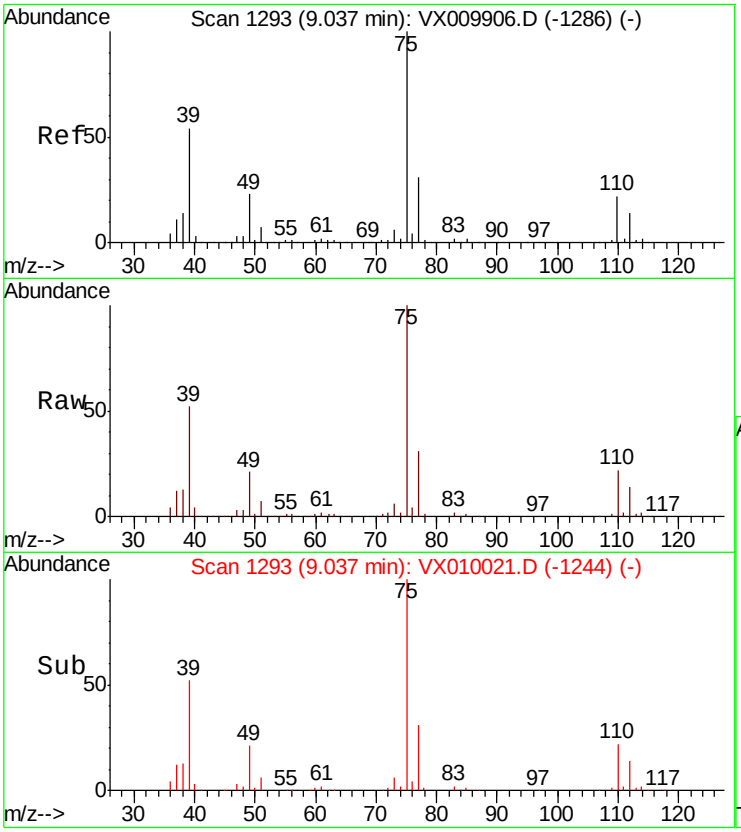




#52
Toluene
Concen: 49.966 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 92 Resp: 222097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 173.4 | 139.9 | 209.9 |



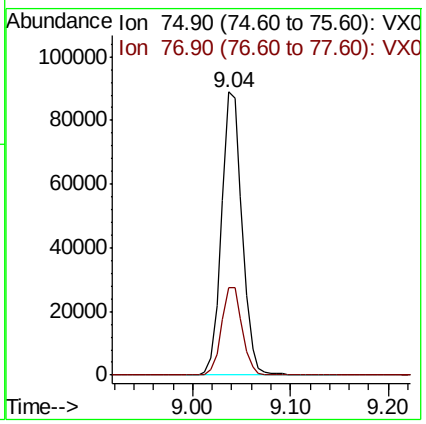


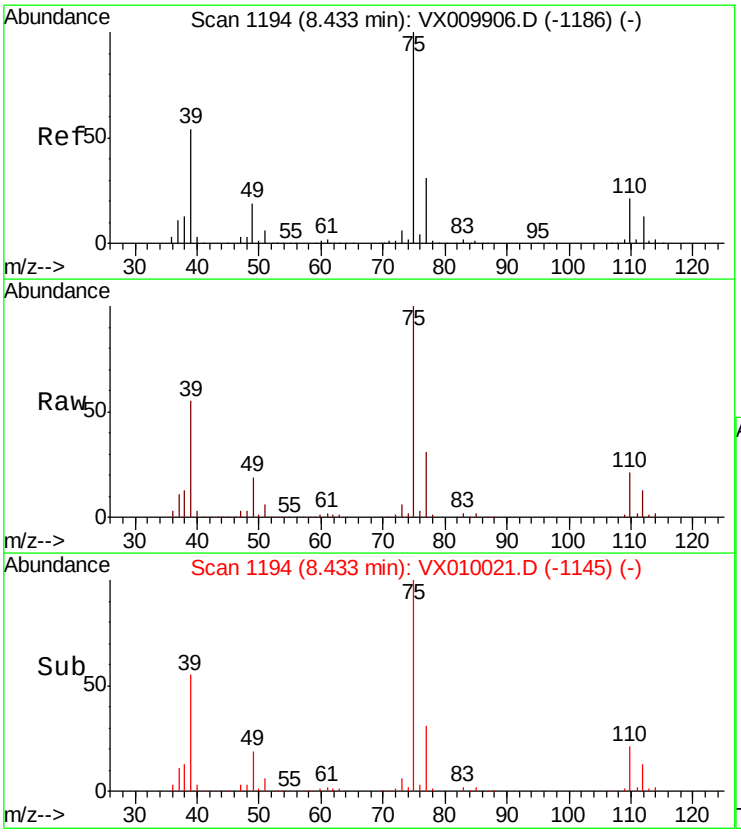

#53
t-1,3-Dichloropropene
Concen: 45.781 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 75 Resp: 129518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.9 | 24.6 | 36.8 |

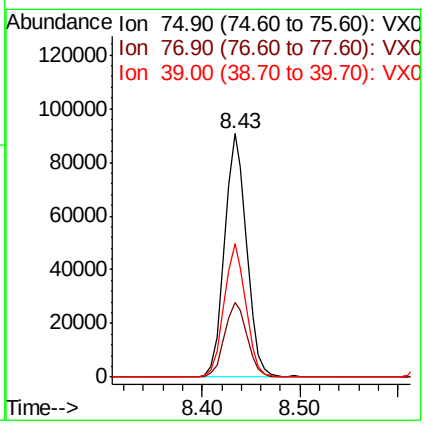


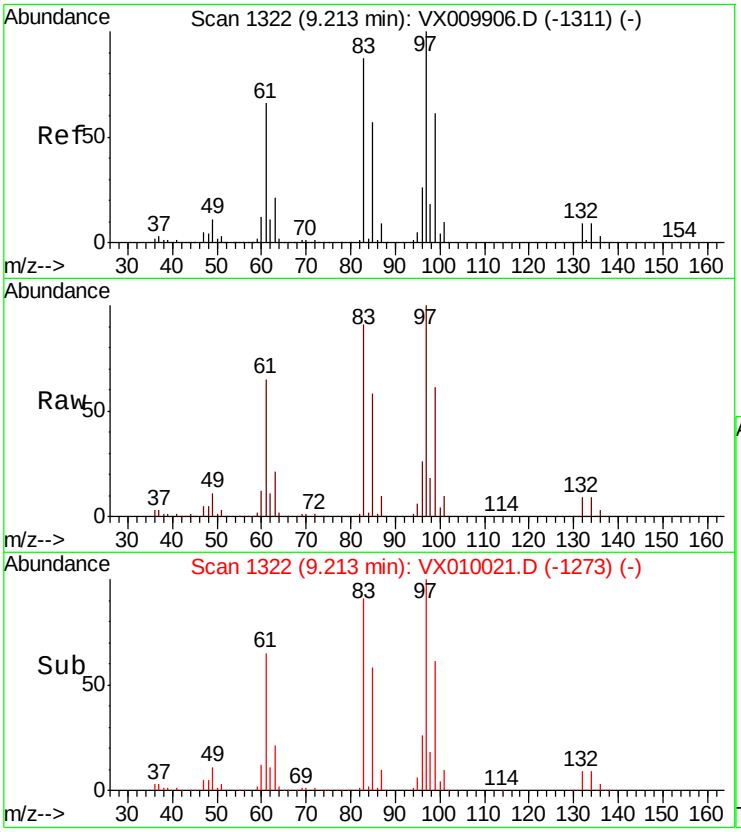




#54
cis-1,3-Dichloropropene
Concen: 45.870 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 75 Resp: 141389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.6 | 24.8 | 37.2 |
| 39 | 54.6 | 43.4 | 65.0 |



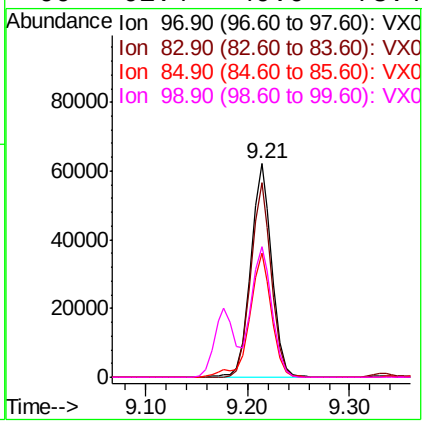


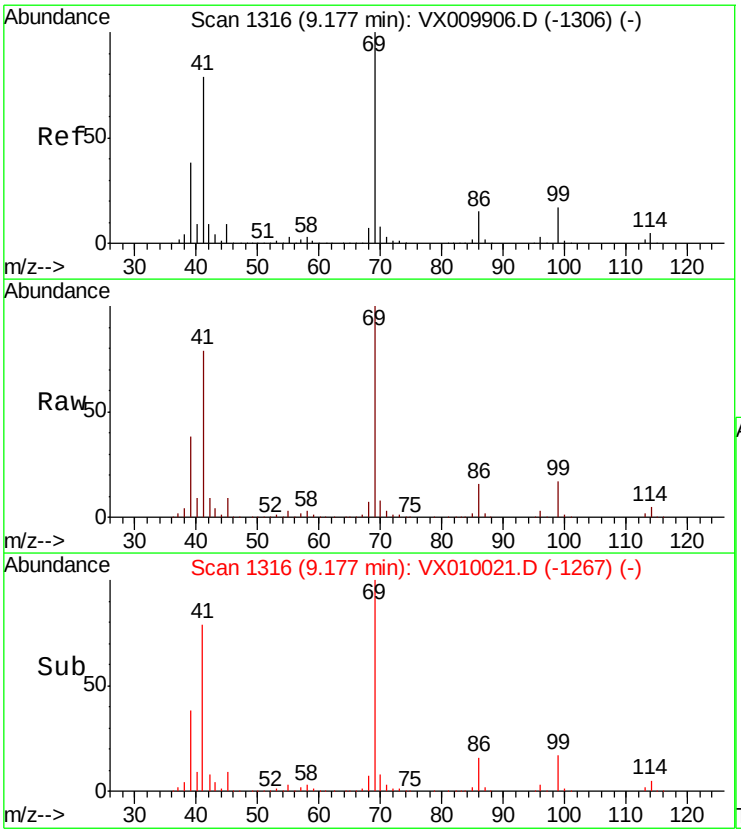

#55
1,1,2-Trichloroethane
Concen: 50.207 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 97 Resp: 89823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 91.0 | 69.8 | 104.8 |
| 85 | 57.9 | 45.3 | 67.9 |
| 99 | 61.4 | 49.0 | 73.4 |

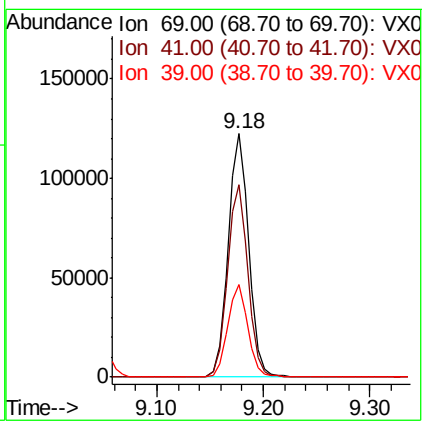


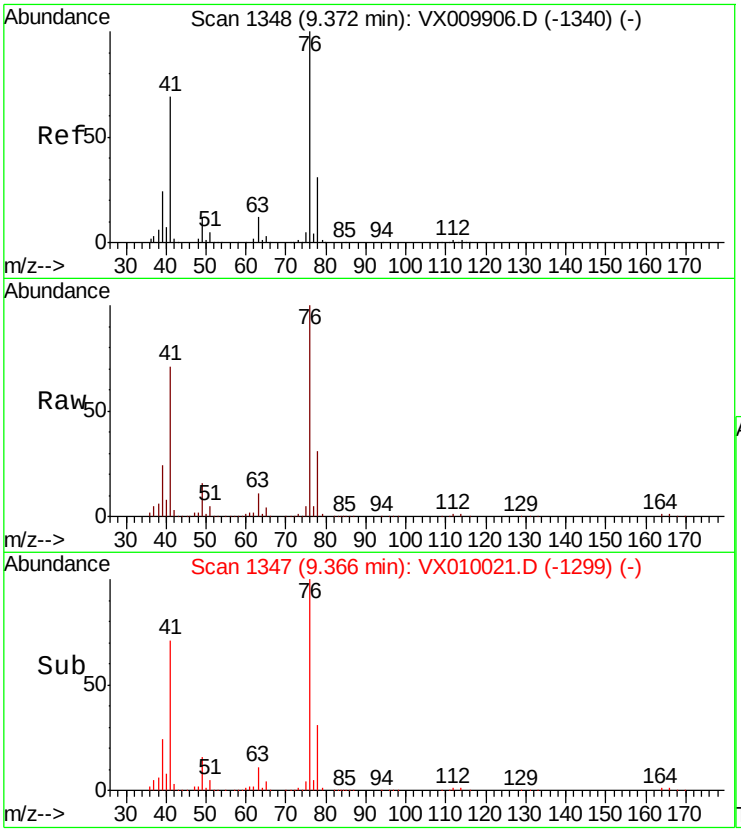




#56
Ethyl methacrylate
Concen: 51.990 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 69 Resp: 165591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 78.7 | 62.7 | 94.1 |
| 39 | 37.4 | 29.5 | 44.3 |



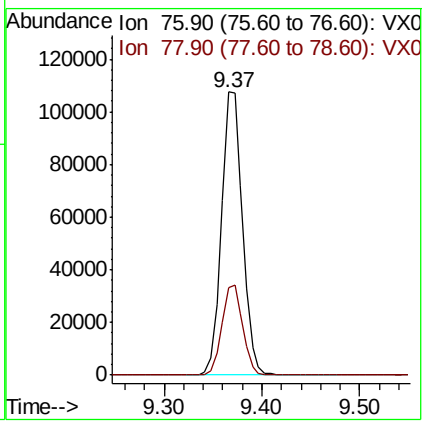


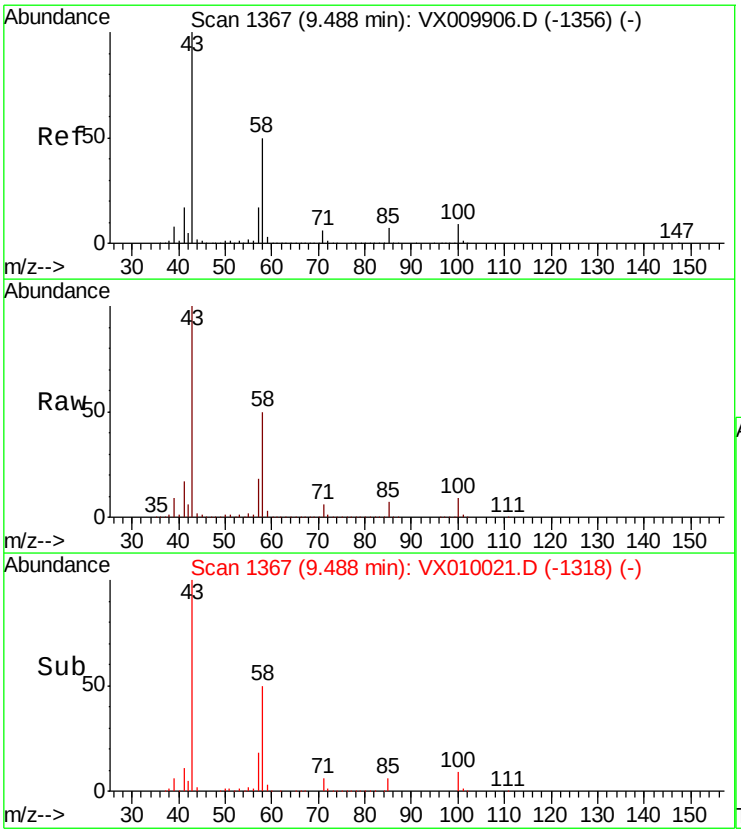

#57
1,3-Dichloropropane
Concen: 49.774 ug/l
RT: 9.37 min Scan# 1347
Delta R.T. -0.01 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 76 Resp: 159918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.3 | 25.4 | 38.0 |

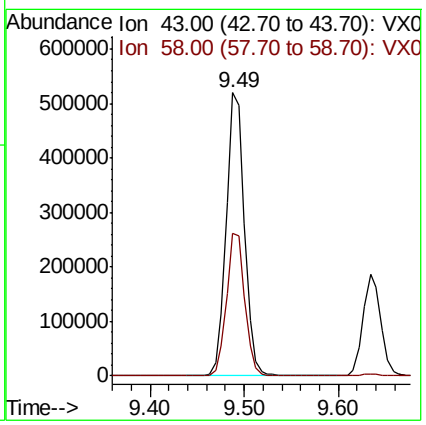


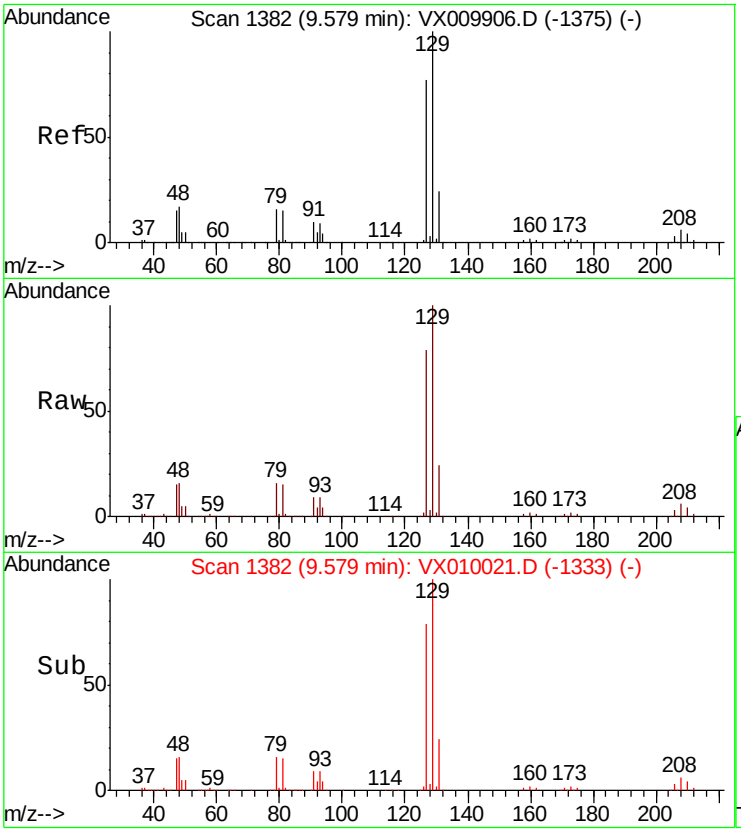




#59
2-Hexanone
Concen: 251.472 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 43 Resp: 698803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 50.6 | 25.1 | 75.3 |



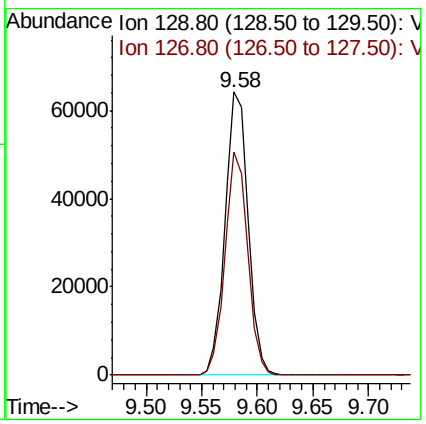


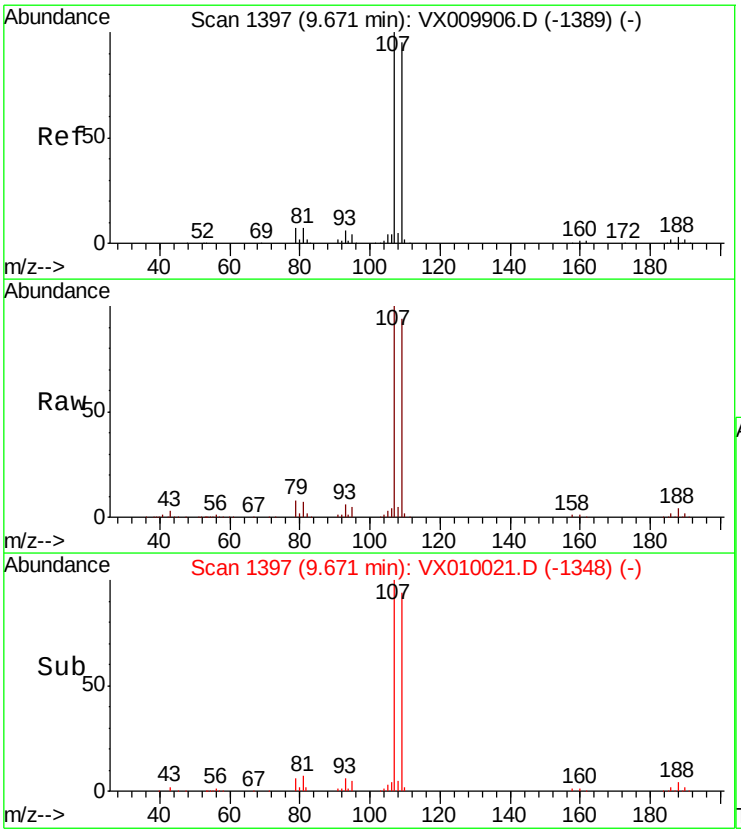

#60
Dibromochloromethane
Concen: 52.393 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion:129 Resp: 92204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.6 | 38.5 | 115.5 |

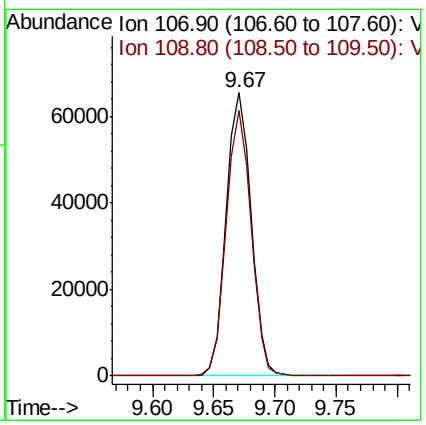


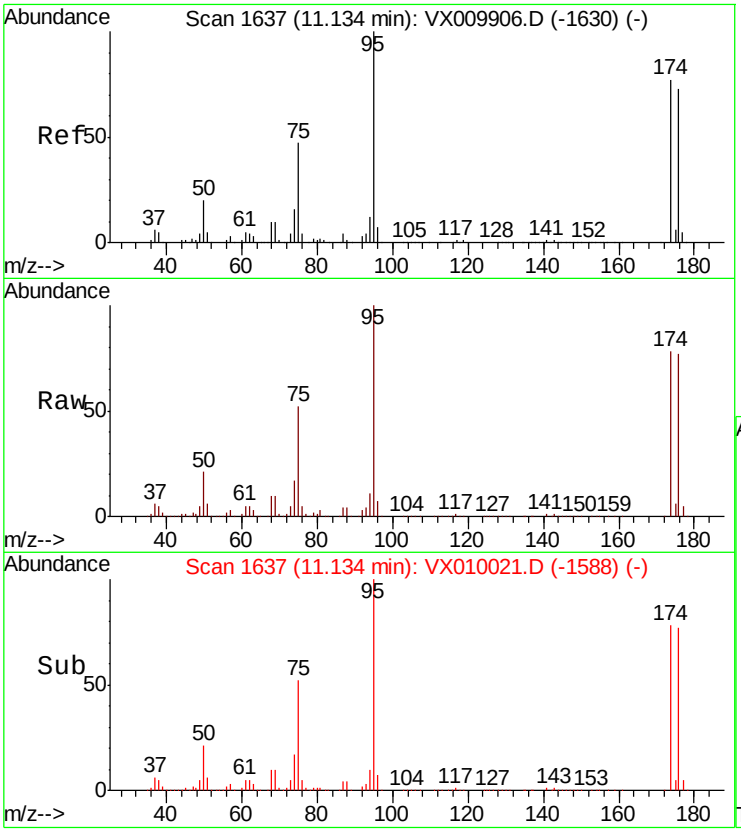




#61
1,2-Dibromoethane
Concen: 50.452 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion:107 Resp: 92729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.4 | 75.4 | 113.2 |



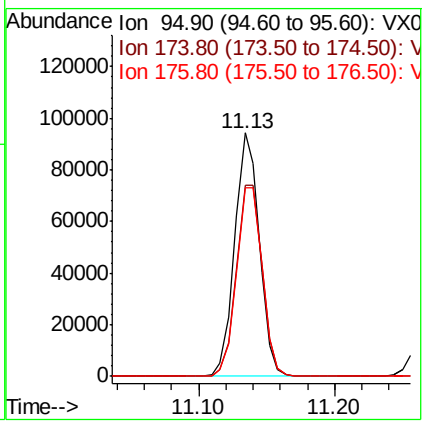


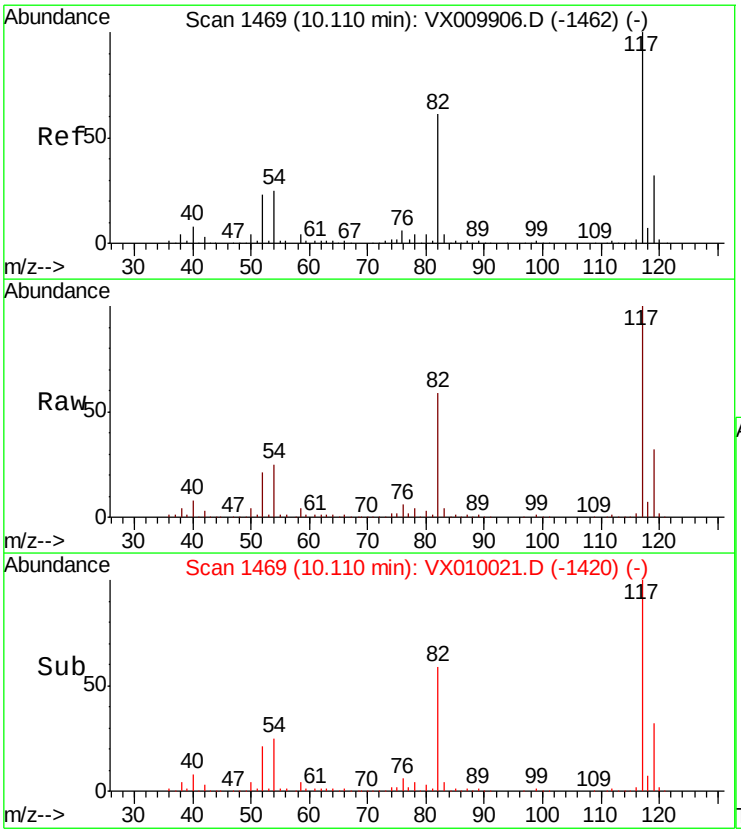

#62
4-Bromofluorobenzene
Concen: 53.185 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 95 Resp: 118627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 82.4 | 0.0 | 160.4 |
| 176 | 81.2 | 0.0 | 154.6 |

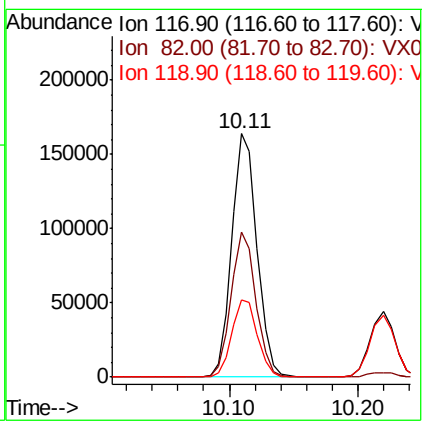


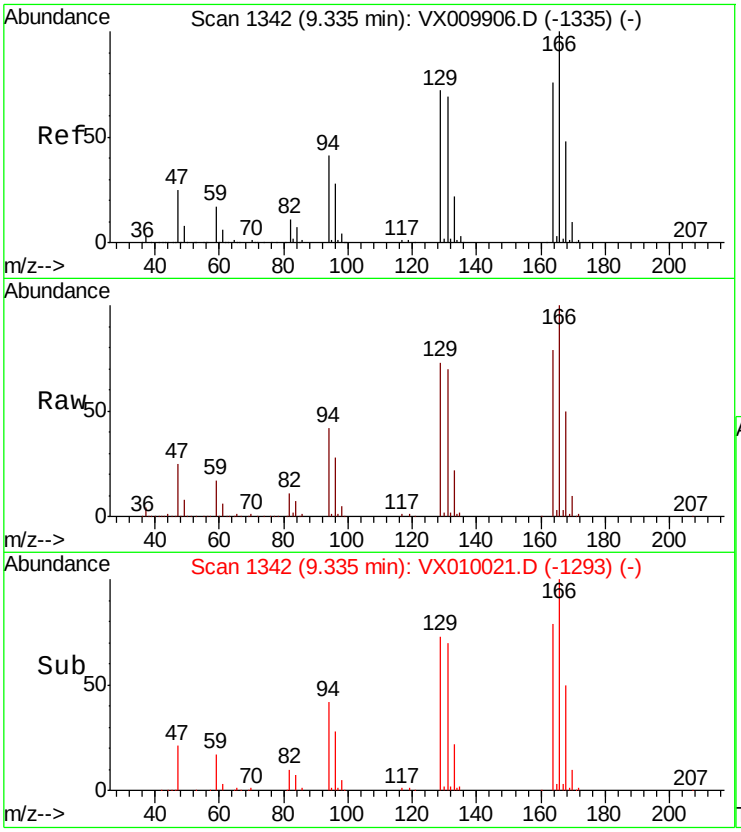




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion:117 Resp: 224496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 59.4 | 49.2 | 73.8 |
| 119 | 32.0 | 25.2 | 37.8 |



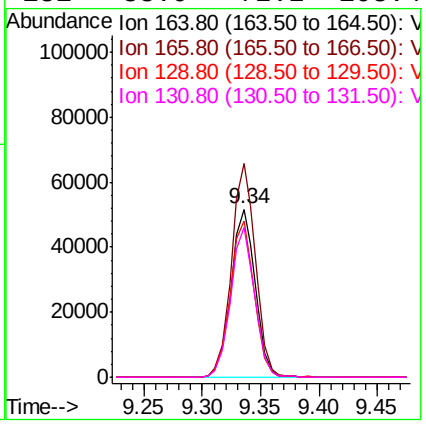


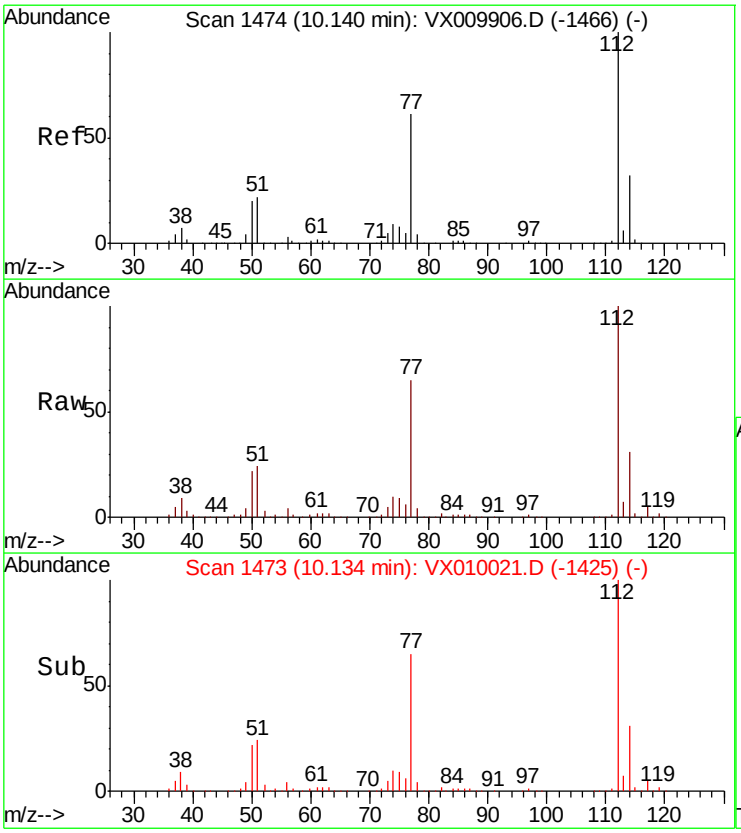

#64
Tetrachloroethene
Concen: 47.711 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion:164 Resp: 74816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 127.0 | 105.0 | 157.4 |
| 129 | 92.9 | 75.1 | 112.7 |
| 131 | 88.9 | 72.2 | 108.4 |

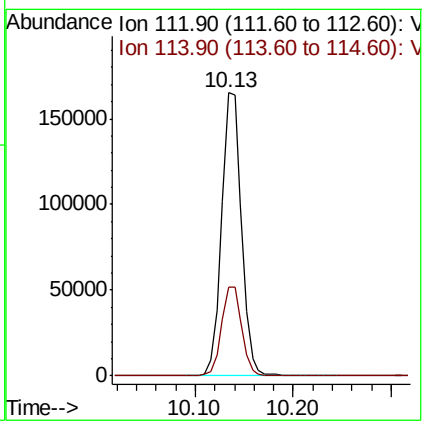


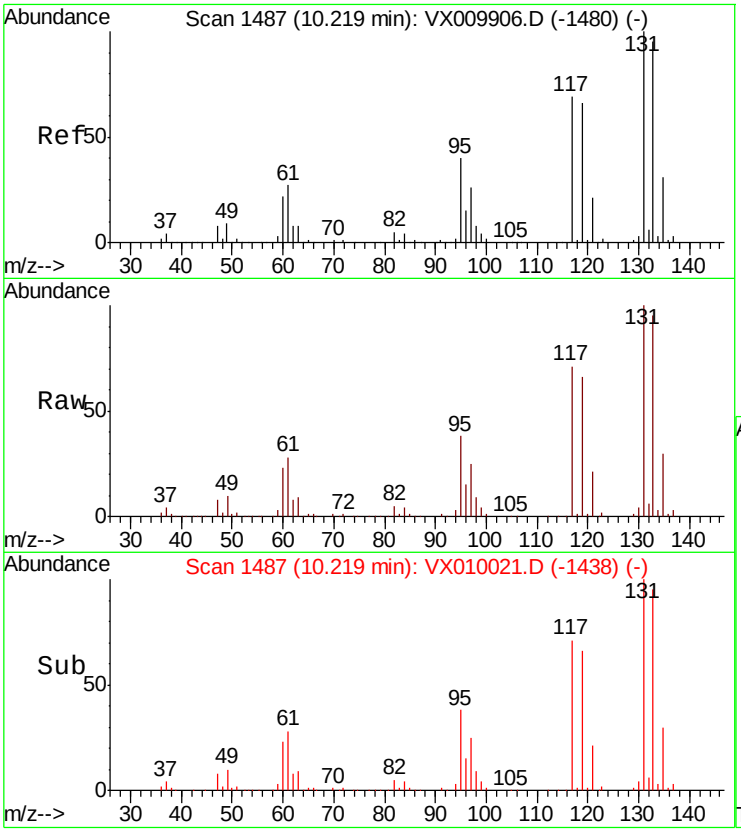




#65
Chlorobenzene
Concen: 49.527 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion:112 Resp: 232771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.5 | 25.8 | 38.8 |



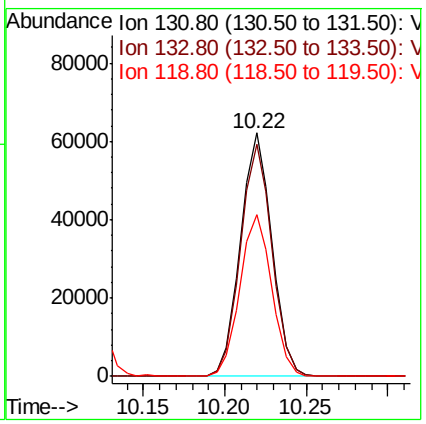


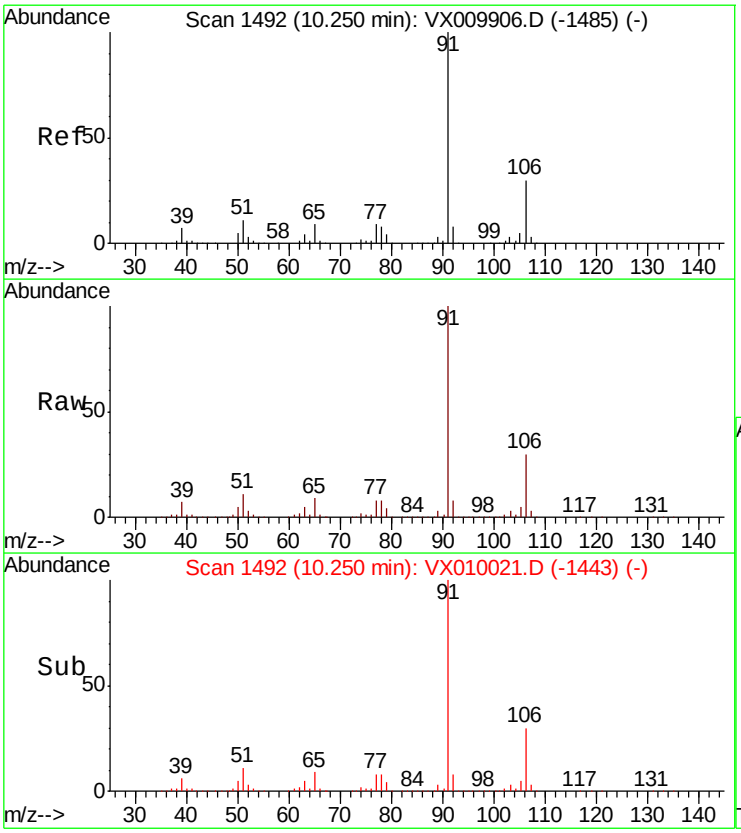

#66
1,1,1,2-Tetrachloroethane
Concen: 51.222 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion:131 Resp: 83497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.7 | 47.5 | 142.6 |
| 119 | 67.3 | 33.4 | 100.1 |

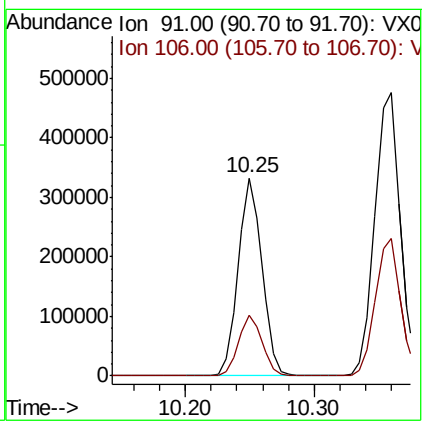


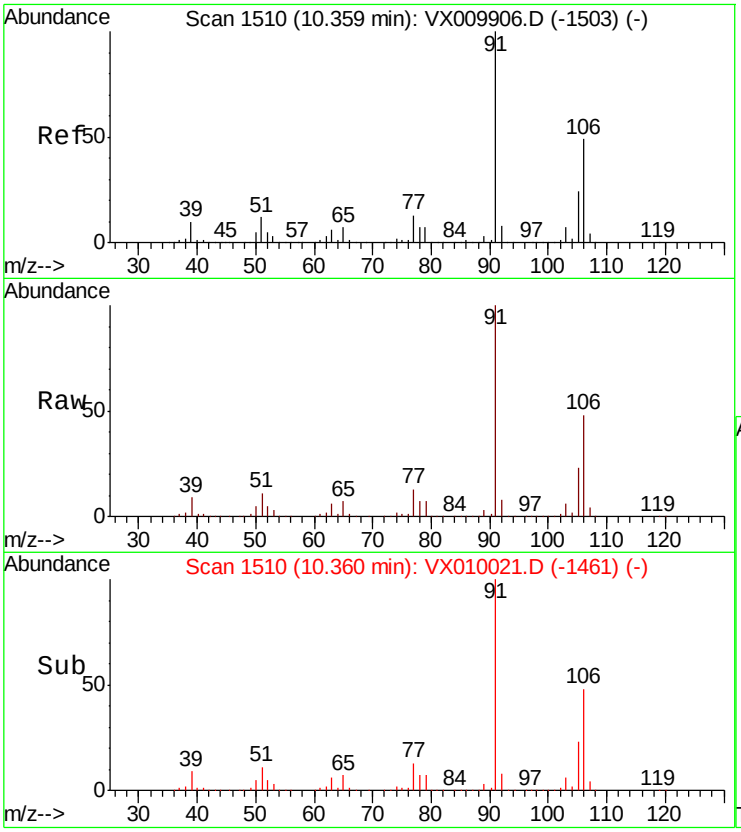




#67
Ethyl Benzene
Concen: 50.323 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 91 Resp: 424659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.3 | 23.9 | 35.9 |



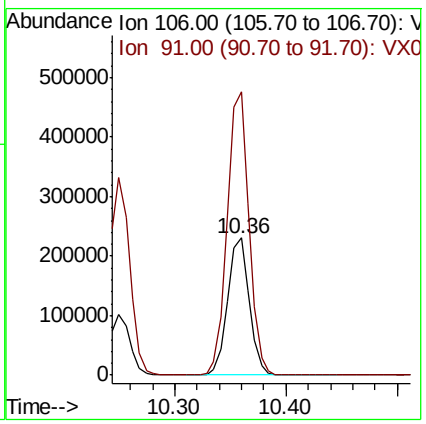


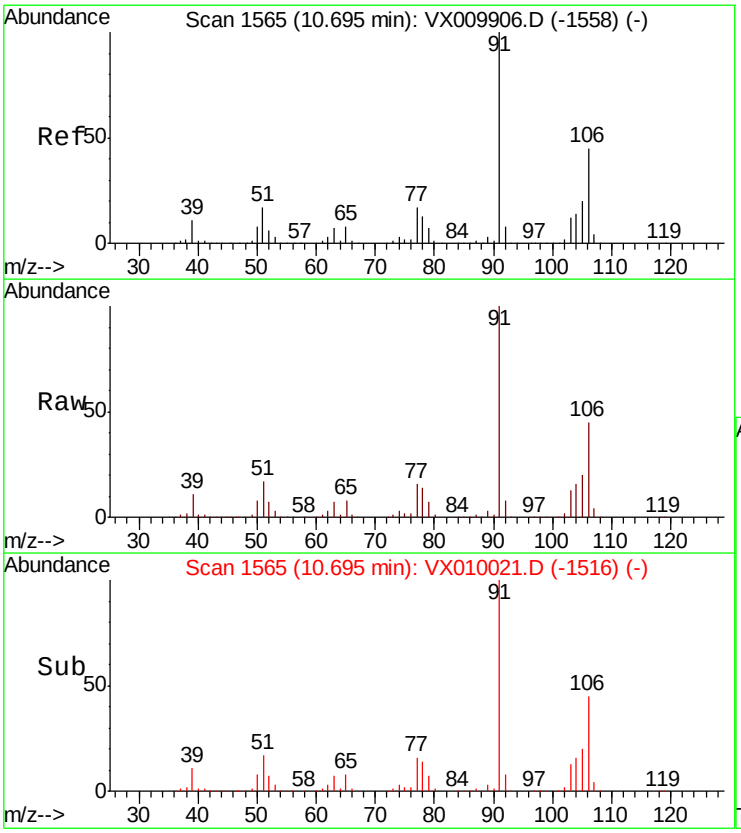

#68
m/p-Xylenes
Concen: 99.636 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion:106 Resp: 310619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 207.5 | 167.3 | 250.9 |

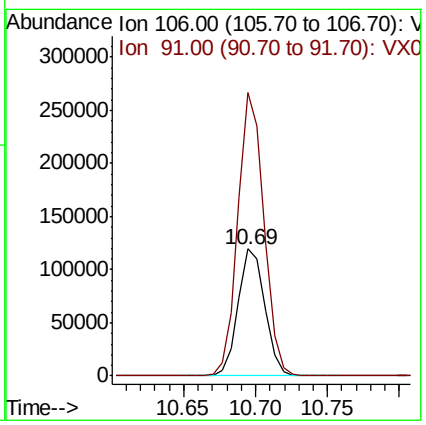


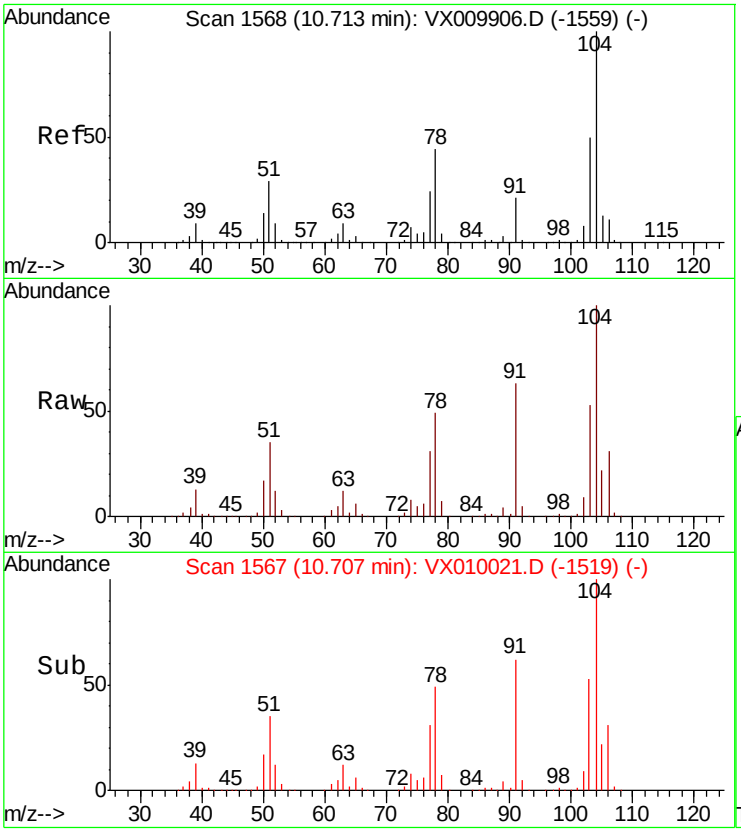




#69
o-Xylene
Concen: 51.442 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion:106 Resp: 153804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 217.8 | 110.4 | 331.2 |



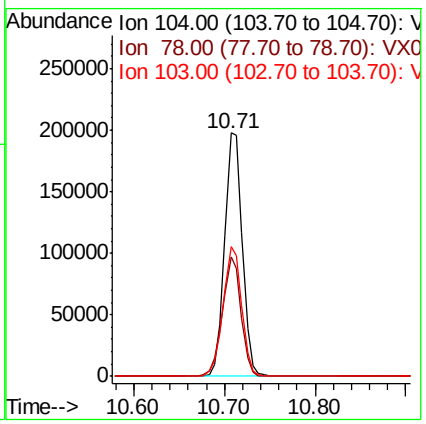


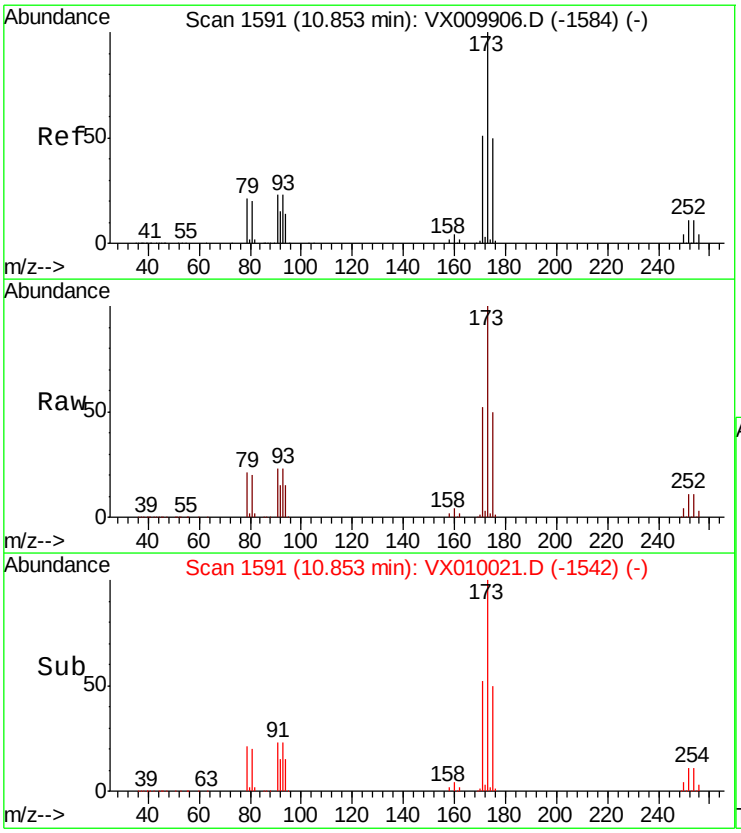

#70
Stvrene
Concen: 51.160 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion:104 Resp: 268220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 51.6 | 42.1 | 63.1 |
| 103 | 55.9 | 44.1 | 66.1 |

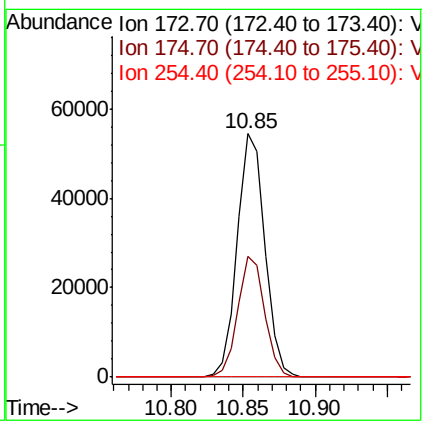


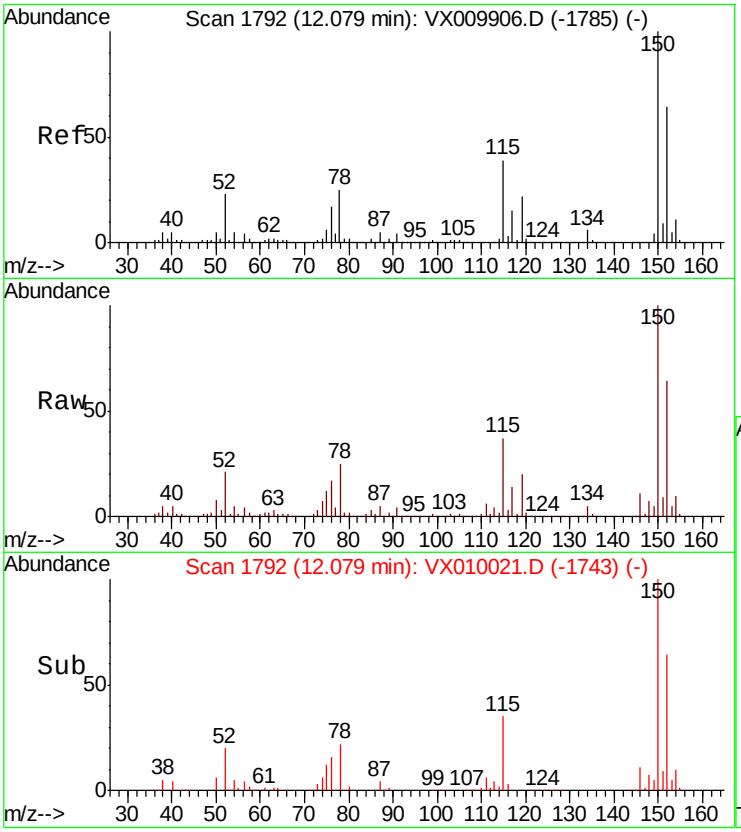




#71
Bromoform
Concen: 54.308 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion:173 Resp: 72363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.4 | 25.0 | 75.0 |
| 254 | 0.1 | 0.2 | 0.2# |



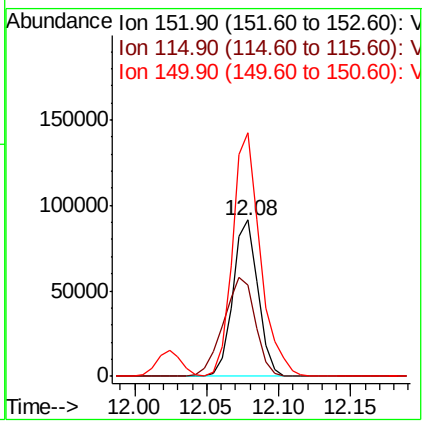


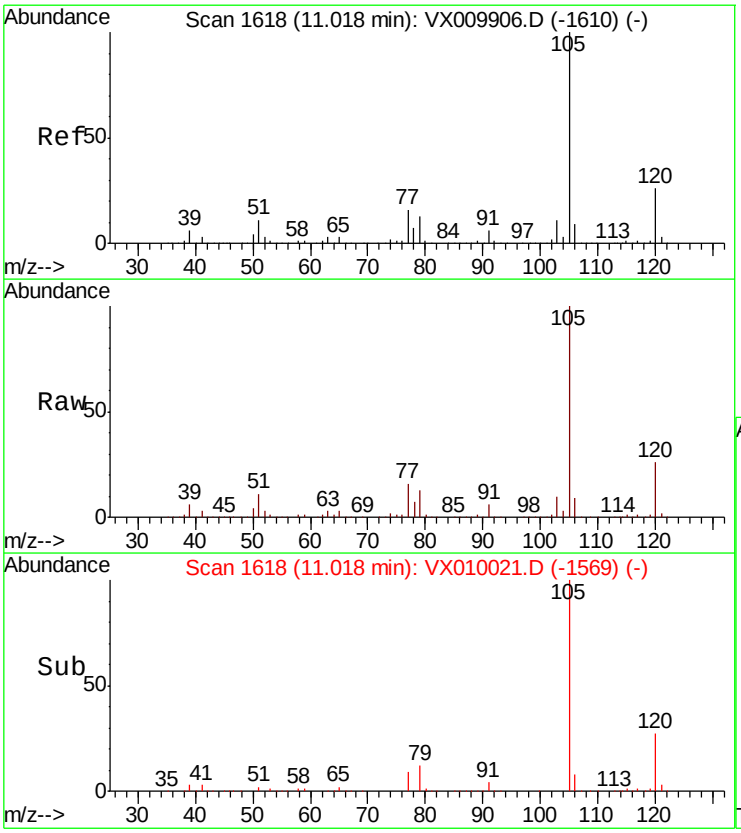

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion:152 Resp: 111337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 80.9 | 41.4 | 124.2 |
| 150 | 172.0 | 0.0 | 345.2 |

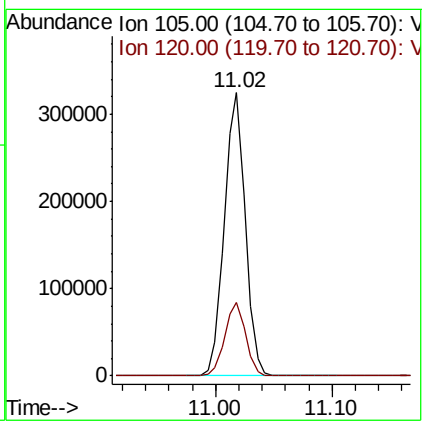


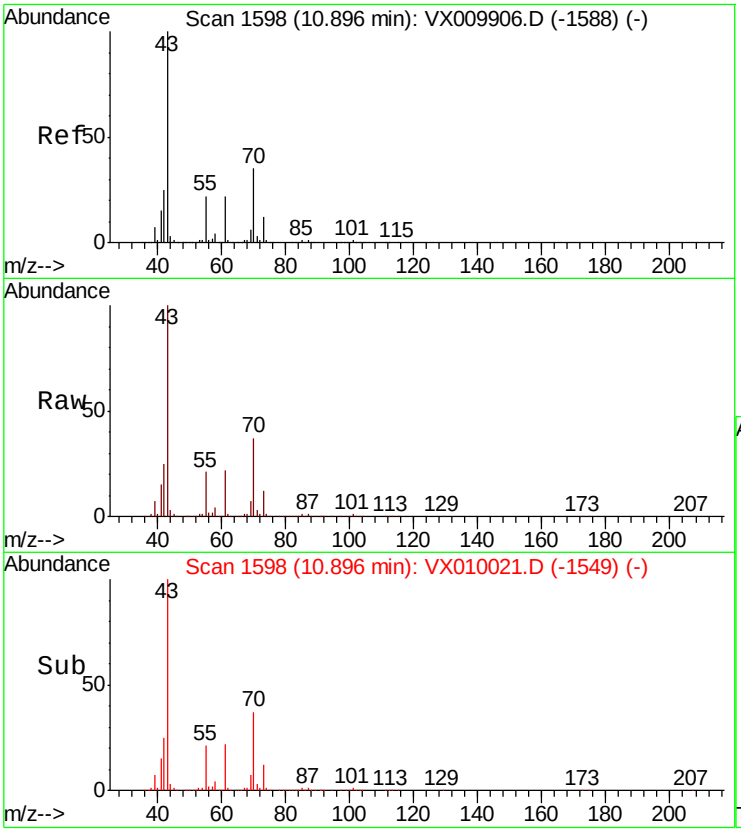




#73
Isopropylbenzene
Concen: 48.936 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion:105 Resp: 401991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.1 | 12.8 | 38.4 |



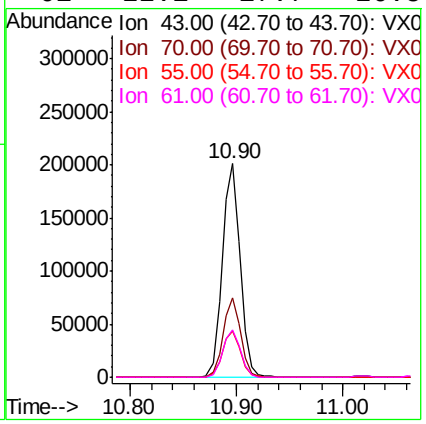


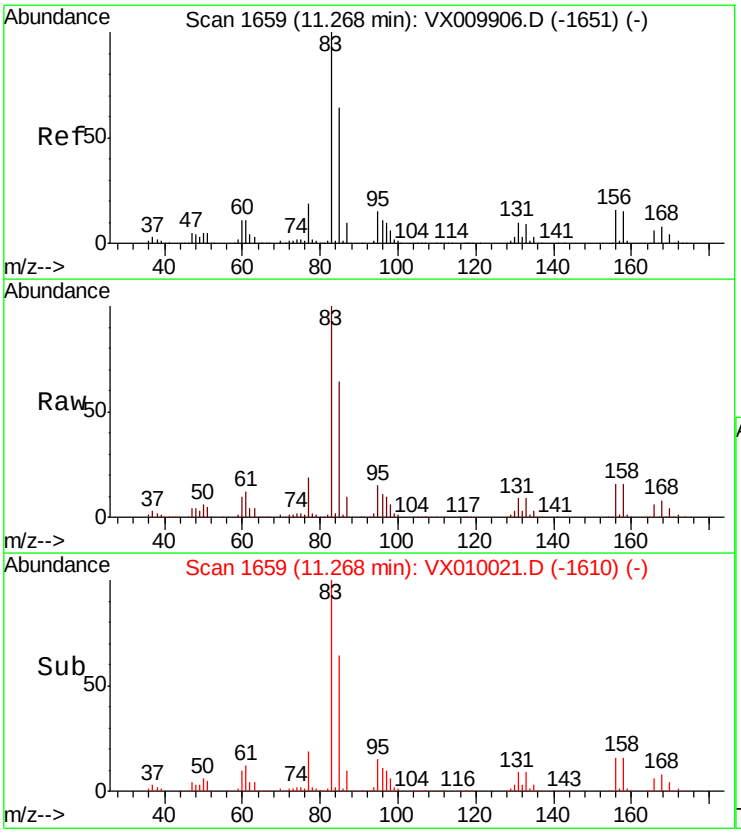

#74
N-amyl acetate
Concen: 47.875 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :** MSVOA_X
**ClientSampleId :** LF012MW004-190528MS

Tgt Ion: 43 Resp: 235004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 36.7 | 28.6 | 43.0 |
| 55 | 22.2 | 17.8 | 26.8 |
| 61 | 22.1 | 17.7 | 26.5 |

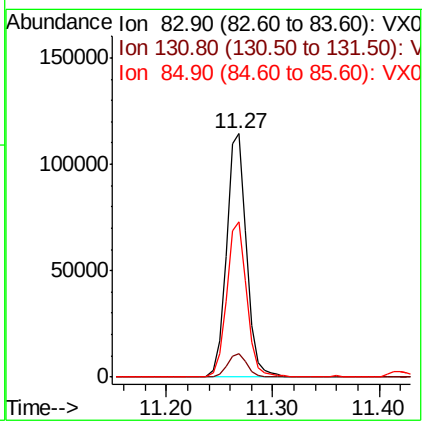


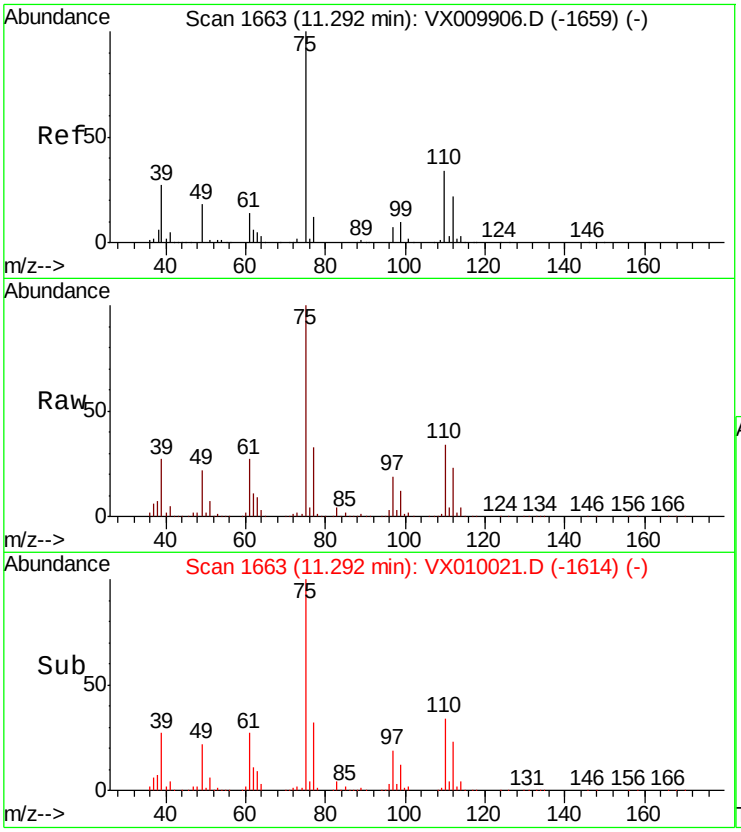




#75
1,1,2,2-Tetrachloroethane
Concen: 48.863 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 83 Resp: 149750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.5 | 4.7 | 14.1 |
| 85 | 64.0 | 31.9 | 95.9 |



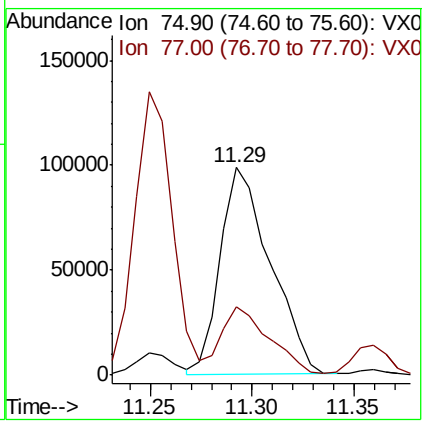


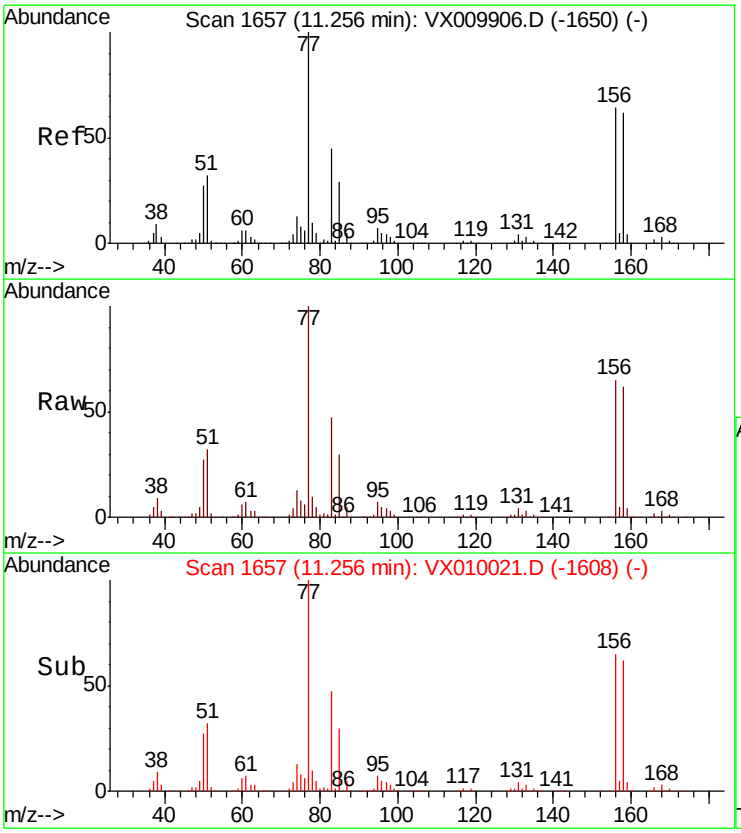

#76
1,2,3-Trichloropropane
Concen: 63.238 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 75 Resp: 168365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.0 | 22.1 | 66.1 |

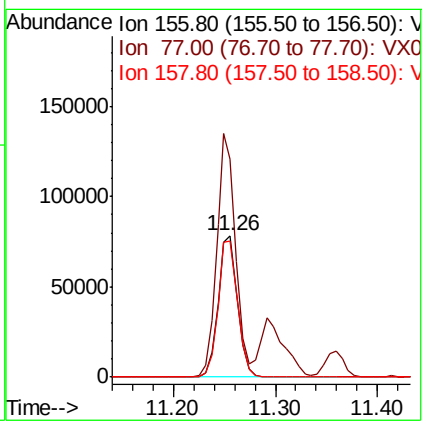


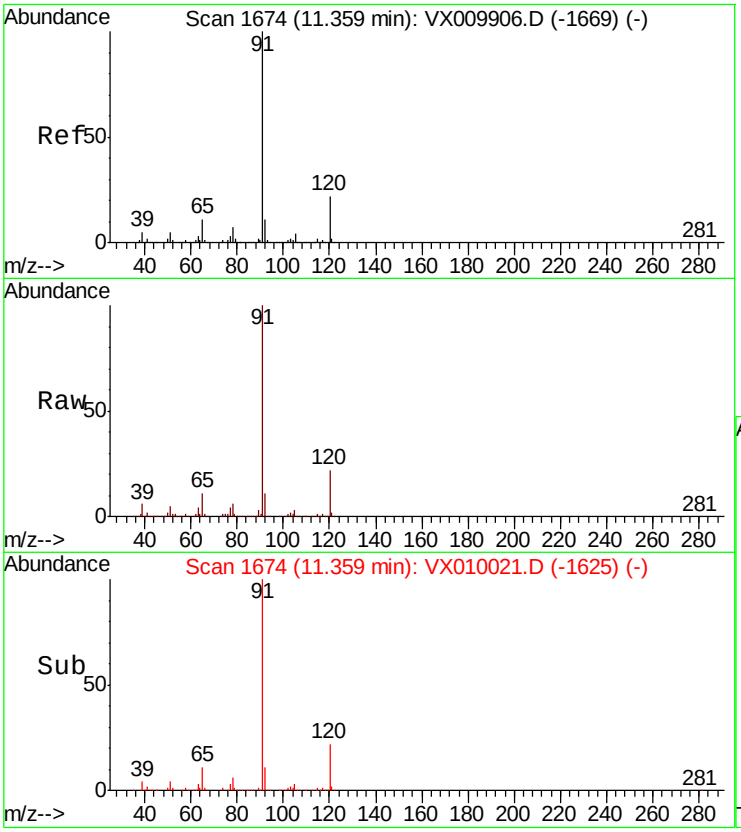




#77
Bromobenzene
Concen: 49.363 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion:156 Resp: 103341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 167.4 | 86.8 | 260.3 |
| 158 | 98.0 | 49.6 | 148.8 |



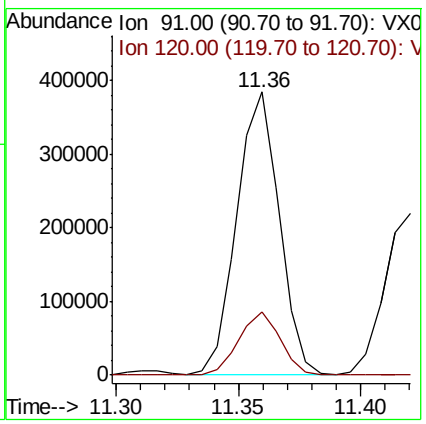


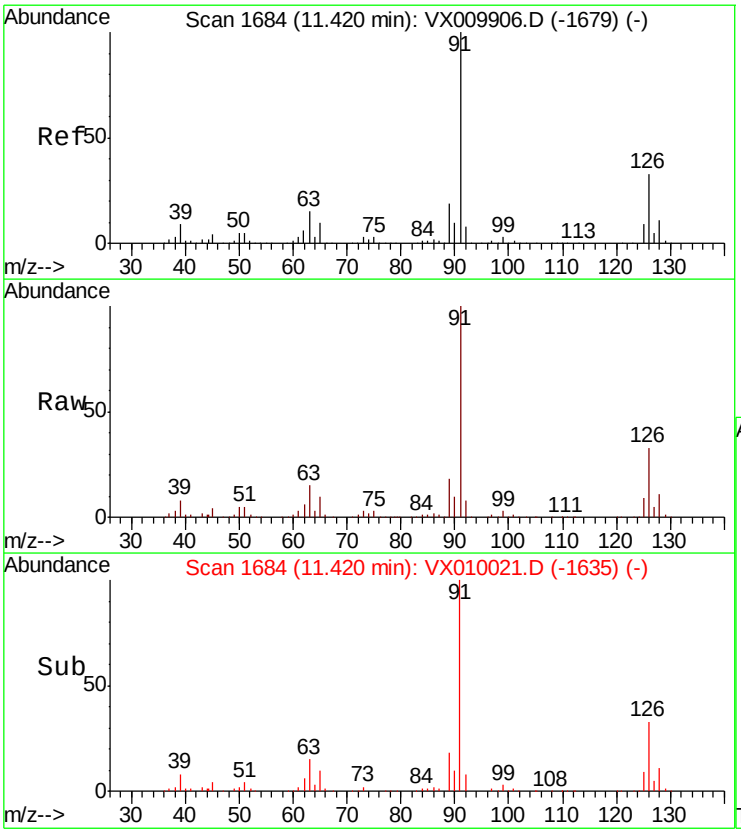

#78
n-propylbenzene
Concen: 48.775 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 91 Resp: 461837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.2 | 11.1 | 33.3 |

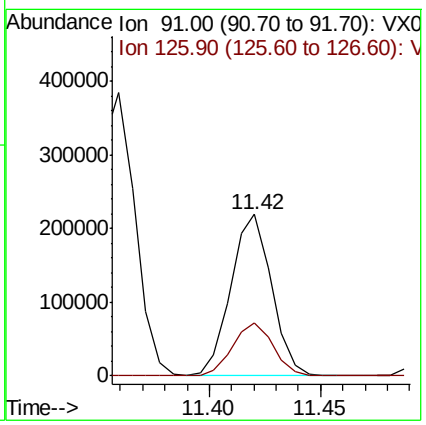


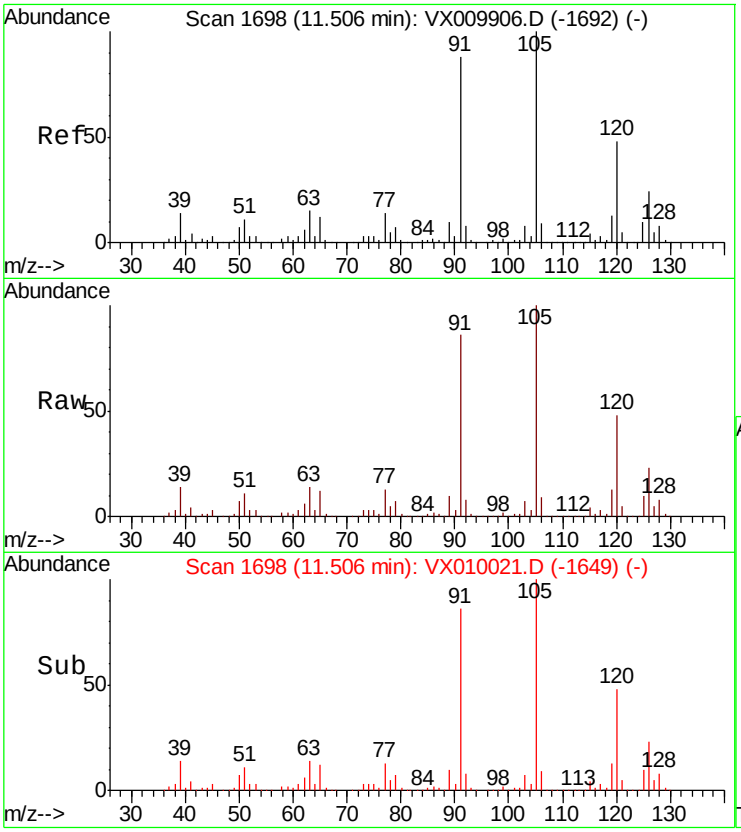




#79
2-Chlorotoluene
Concen: 48.185 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 91 Resp: 278758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.5 | 16.1 | 48.3 |



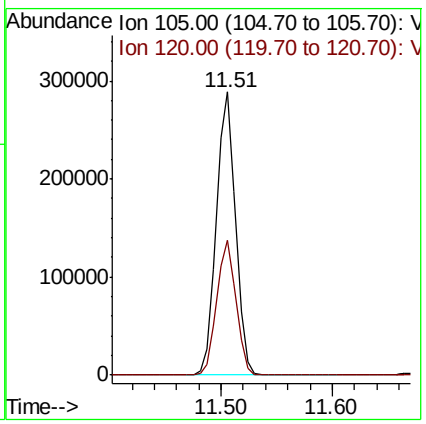


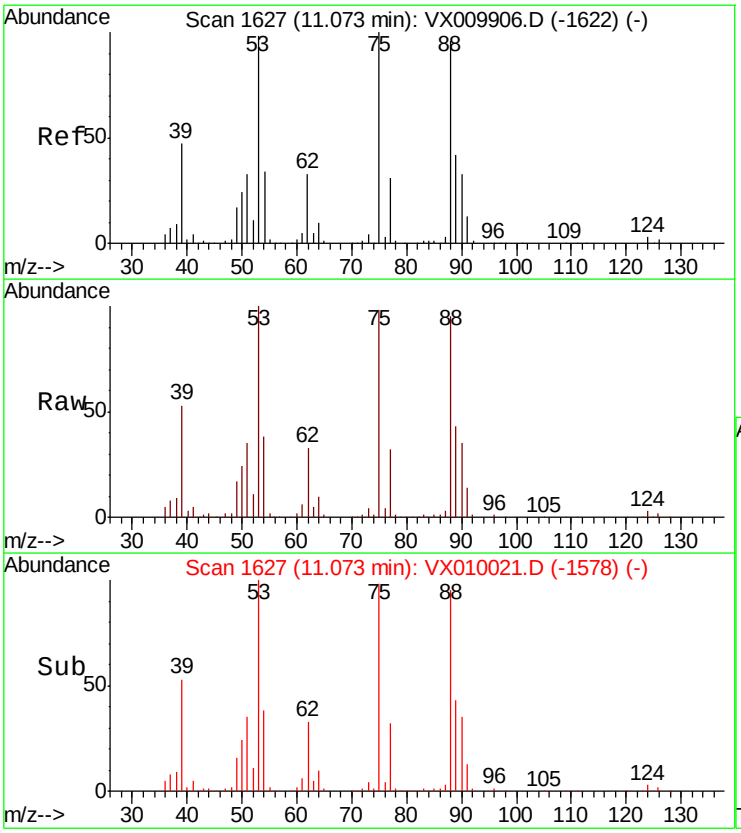

#80
1,3,5-Trimethylbenzene
Concen: 49.554 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion:105 Resp: 342944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.9 | 24.1 | 72.3 |

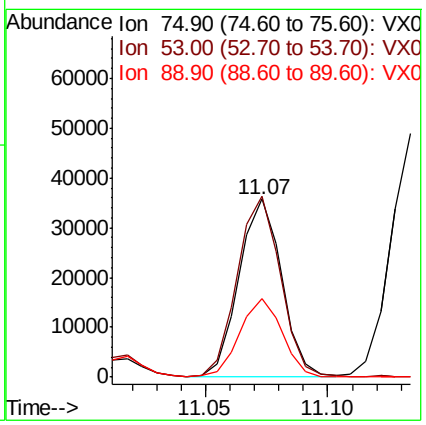


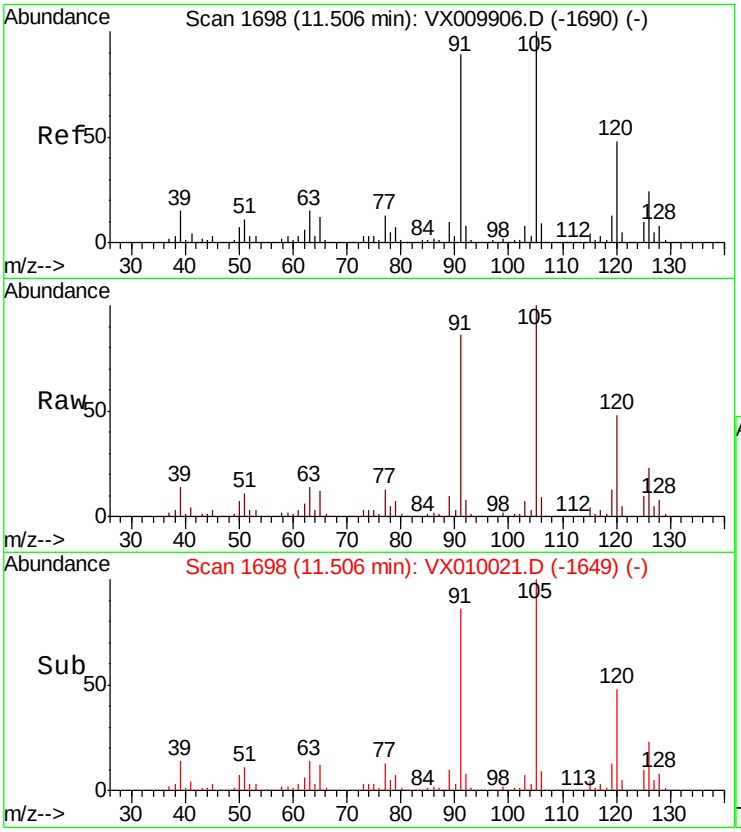




#81
trans-1,4-Dichloro-2-butene
Concen: 40.314 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 75 Resp: 43381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 102.9 | 79.8 | 119.6 |
| 89 | 44.3 | 34.2 | 51.4 |



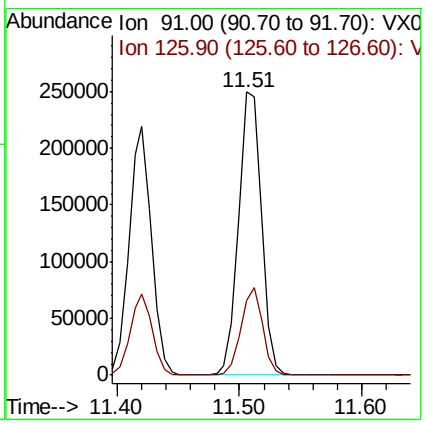


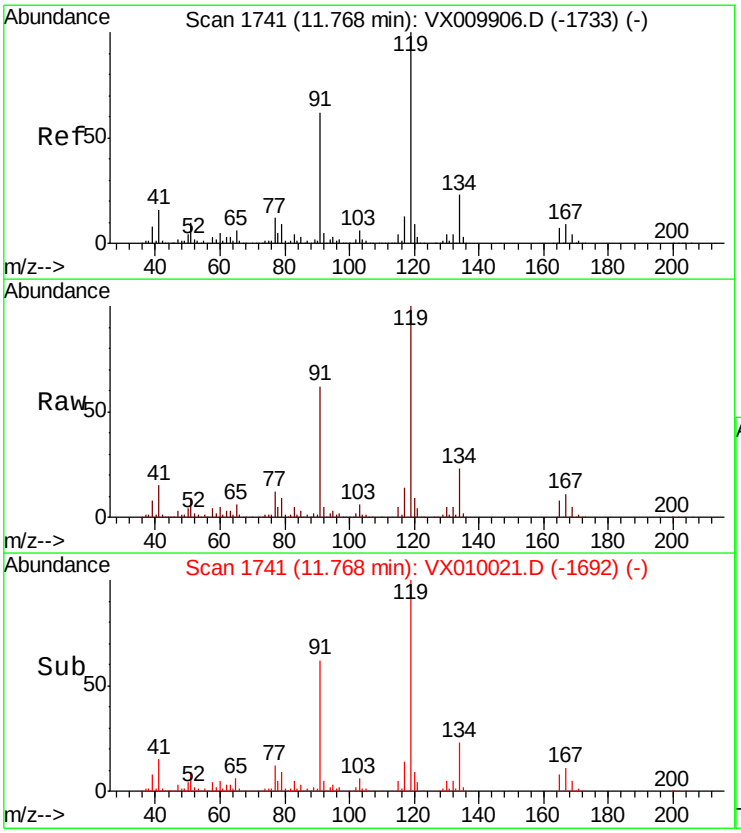

#82
4-Chlorotoluene
Concen: 47.935 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 91 Resp: 322817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.0 | 14.2 | 42.6 |

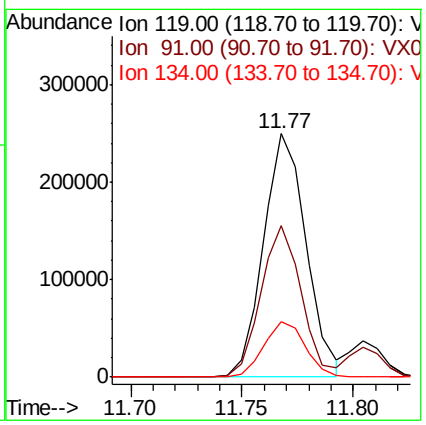


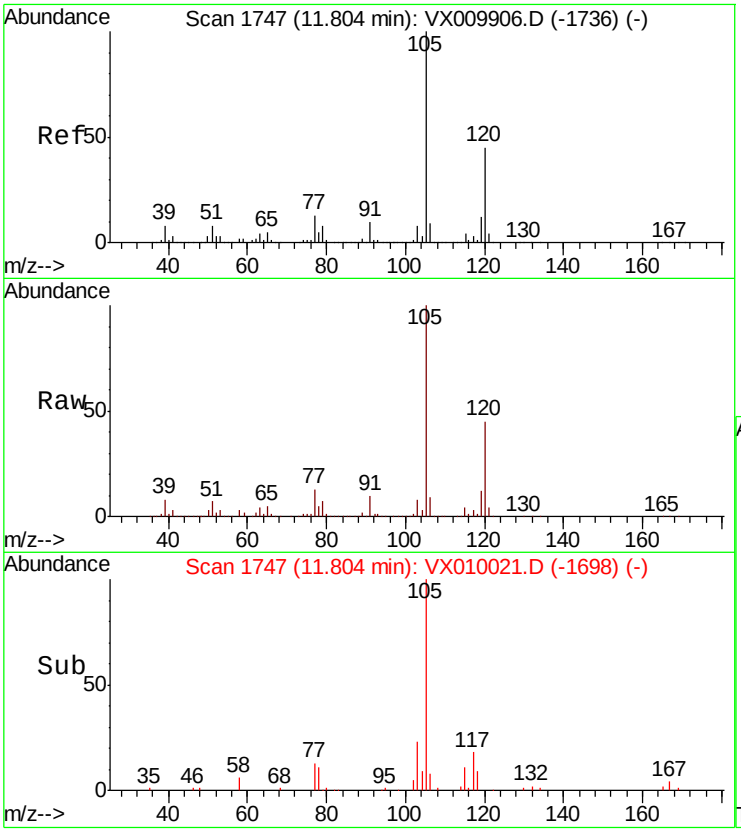




#83
tert-Butylbenzene
Concen: 50.077 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion:119 Resp: 331560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 59.1 | 30.0 | 90.0 |
| 134 | 22.3 | 11.2 | 33.5 |



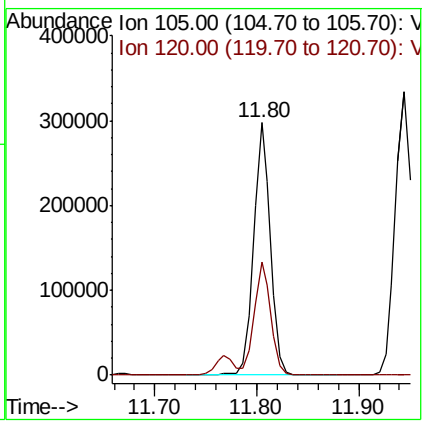


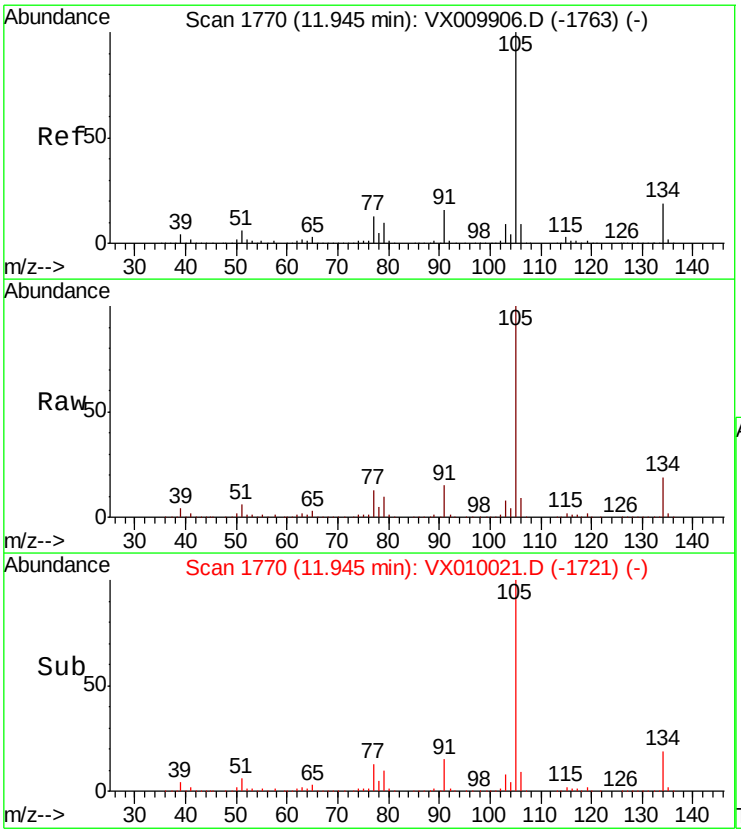

#84
1,2,4-Trimethylbenzene
Concen: 48.941 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion:105 Resp: 343964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.1 | 22.1 | 66.1 |

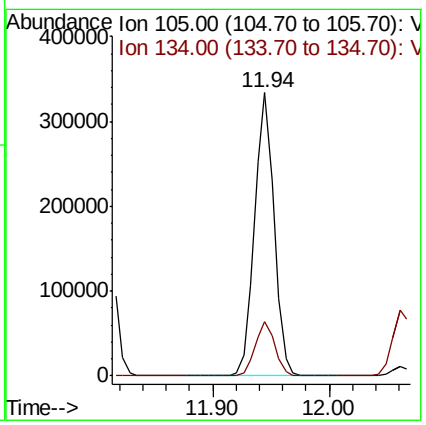


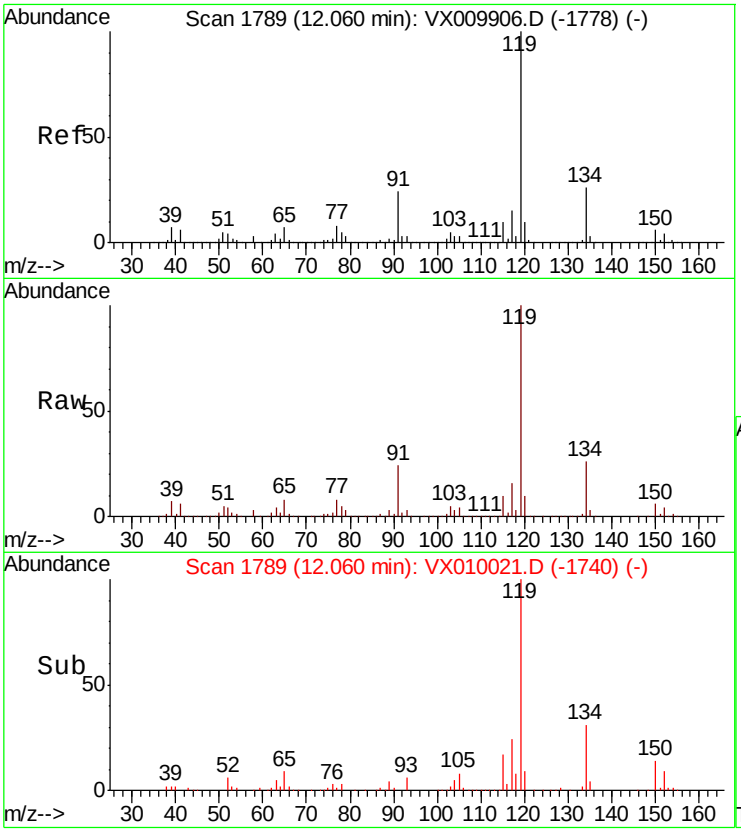




#85
sec-Butylbenzene
Concen: 49.543 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion:105 Resp: 390241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.2 | 9.7 | 28.9 |



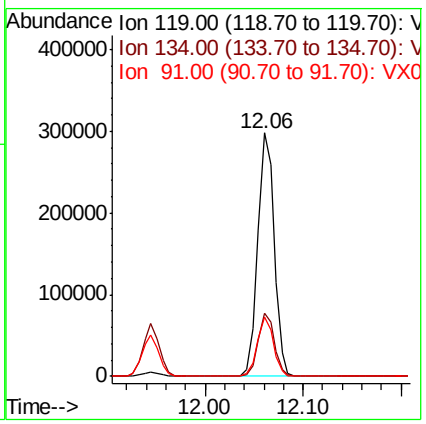


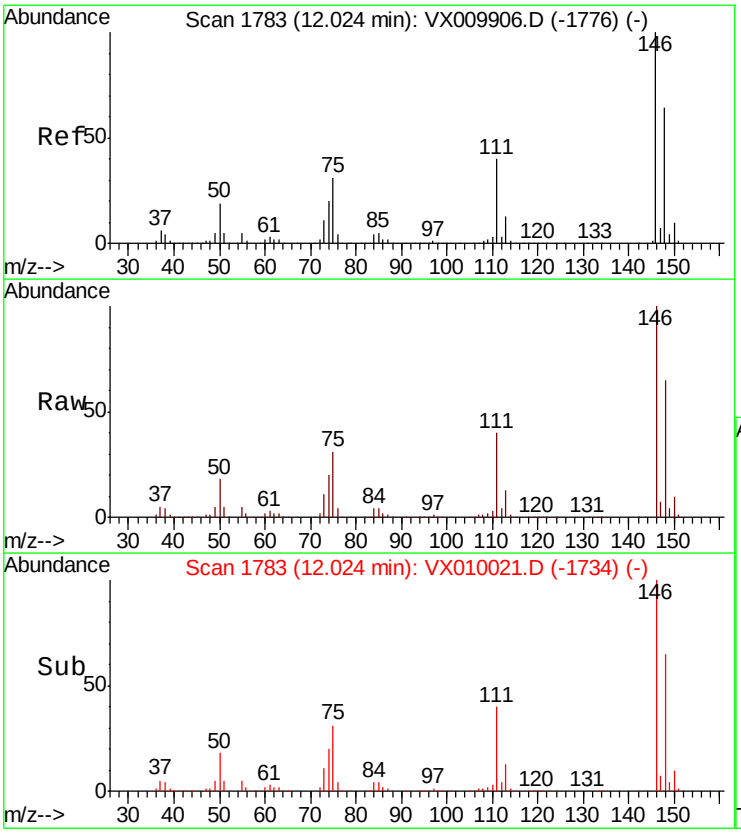

#86
p-Isopropyltoluene
Concen: 49.421 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion:119 Resp: 350142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.7 | 12.9 | 38.6 |
| 91 | 23.7 | 11.9 | 35.9 |

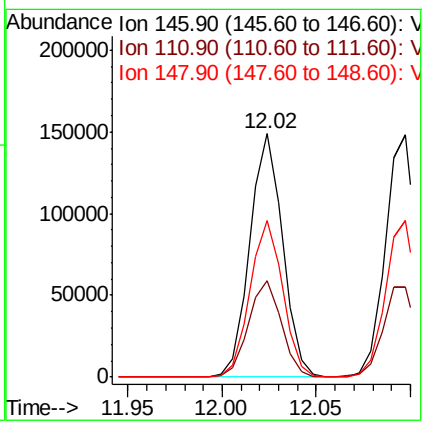


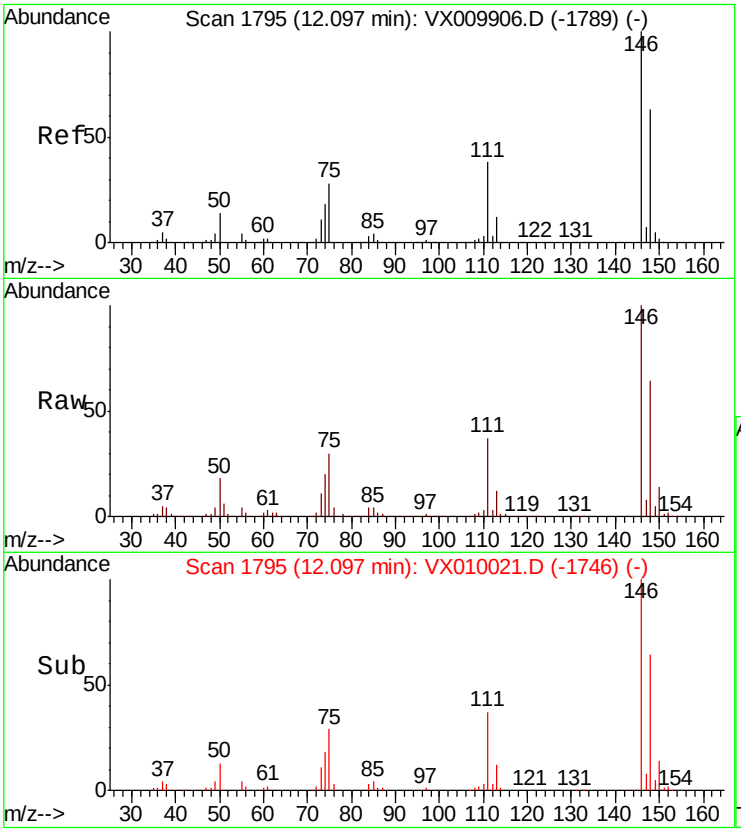




#87
1,3-Dichlorobenzene
Concen: 48.212 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion:146 Resp: 179689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.8 | 20.1 | 60.2 |
| 148 | 64.3 | 31.9 | 95.5 |



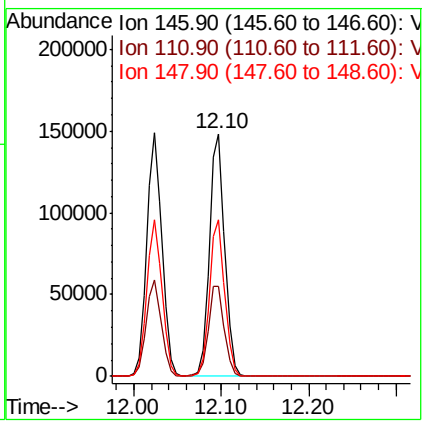


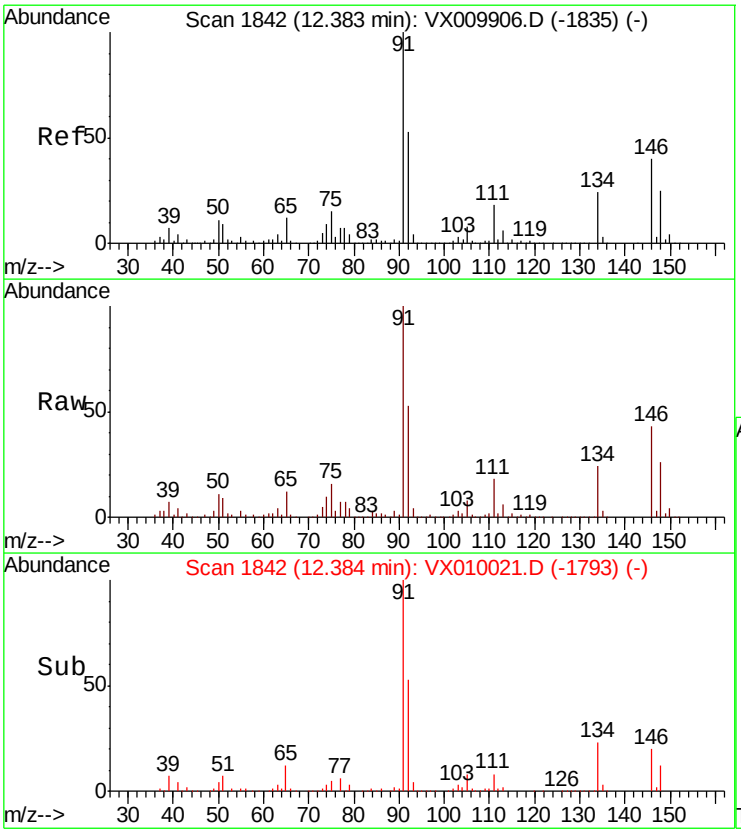

#88
1,4-Dichlorobenzene
Concen: 47.400 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion:146 Resp: 180167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.9 | 20.0 | 59.9 |
| 148 | 64.2 | 32.3 | 96.9 |

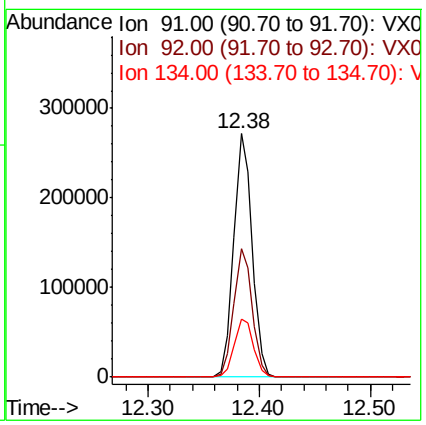


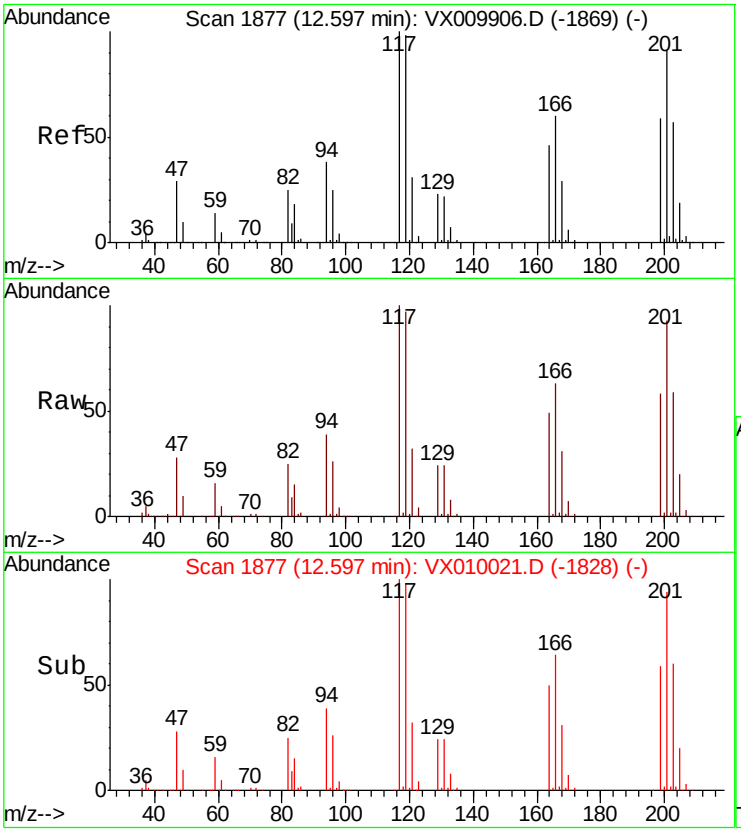




#89
n-Butylbenzene
Concen: 46.669 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion: 91 Resp: 310739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.0 | 26.3 | 78.8 |
| 134 | 24.6 | 12.3 | 36.8 |



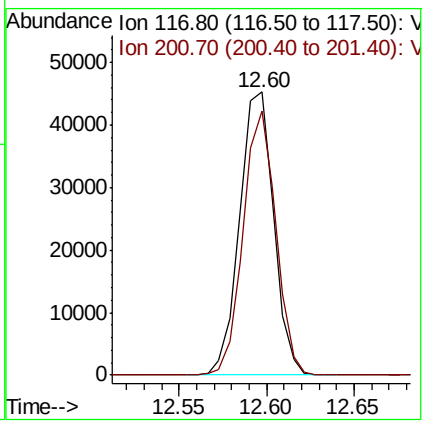


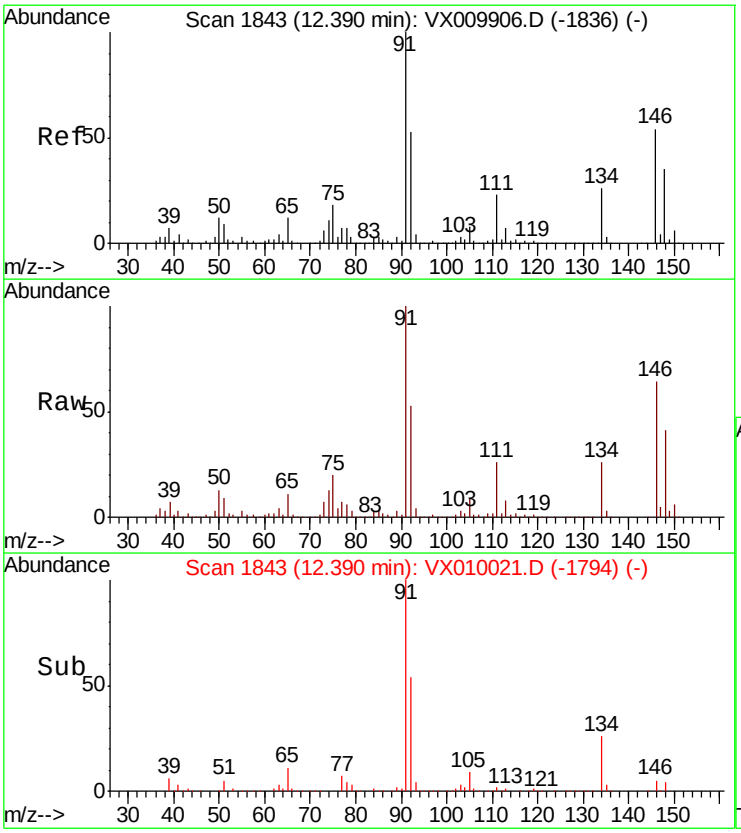

#90
Hexachloroethane
Concen: 50.474 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion:117 Resp: 61370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 89.2 | 43.6 | 130.9 |

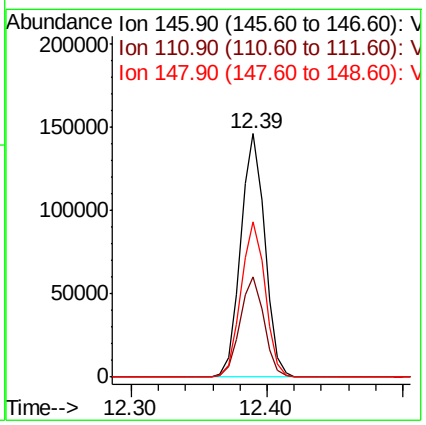


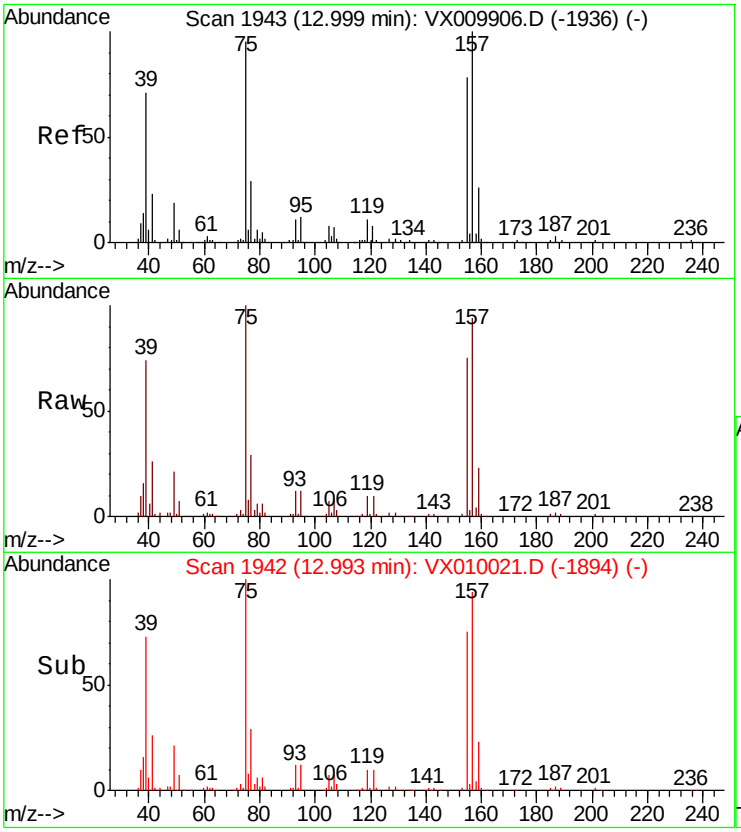




#91
1,2-Dichlorobenzene
Concen: 49.223 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion:146 Resp: 180877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.0 | 21.1 | 63.1 |
| 148 | 63.8 | 32.3 | 96.8 |



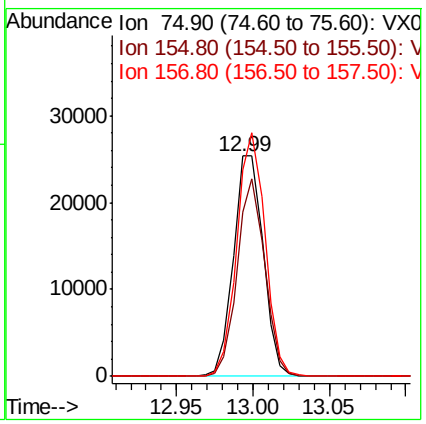


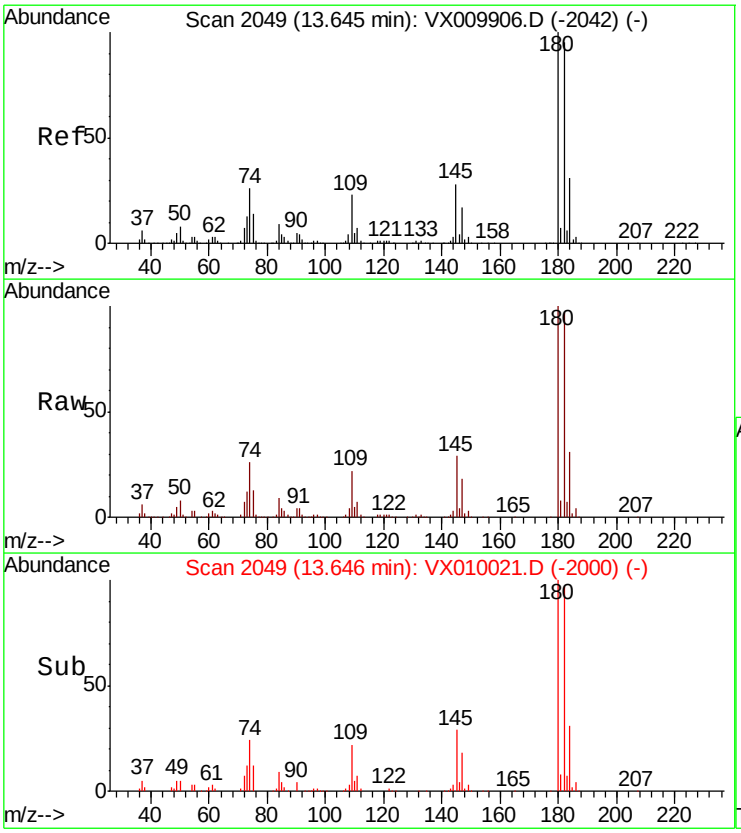

#92
1,2-Dibromo-3-Chloropropane
Concen: 47.461 ug/l
RT: 12.99 min Scan# 1942
Delta R.T. -0.01 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion: 75 Resp: 34237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 83.1 | 39.3 | 117.8 |
| 157 | 104.6 | 50.6 | 151.8 |

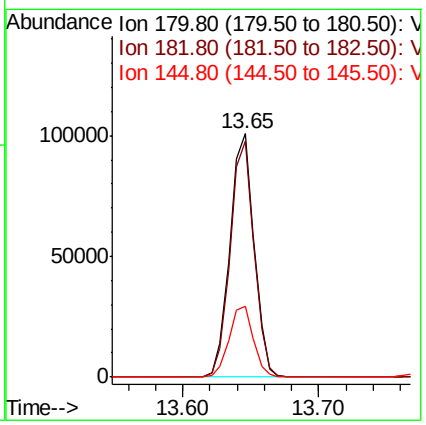


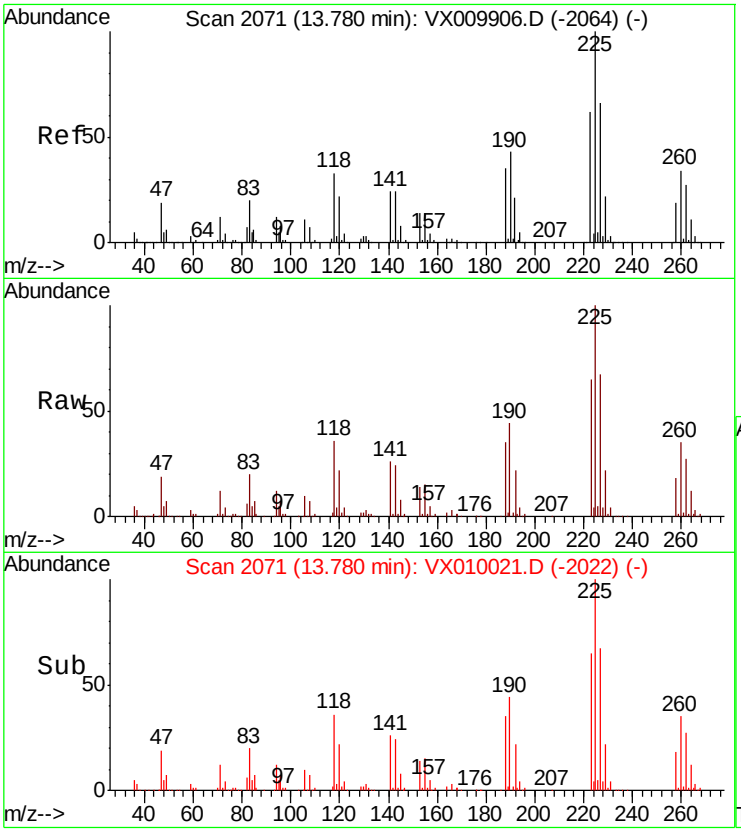




#93
1,2,4-Trichlorobenzene
Concen: 47.347 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion:180 Resp: 124332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.9 | 47.4 | 142.2 |
| 145 | 29.0 | 14.5 | 43.5 |



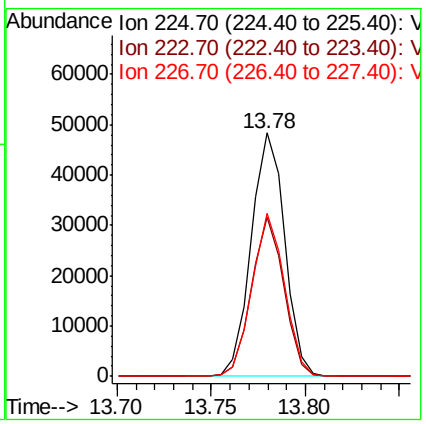


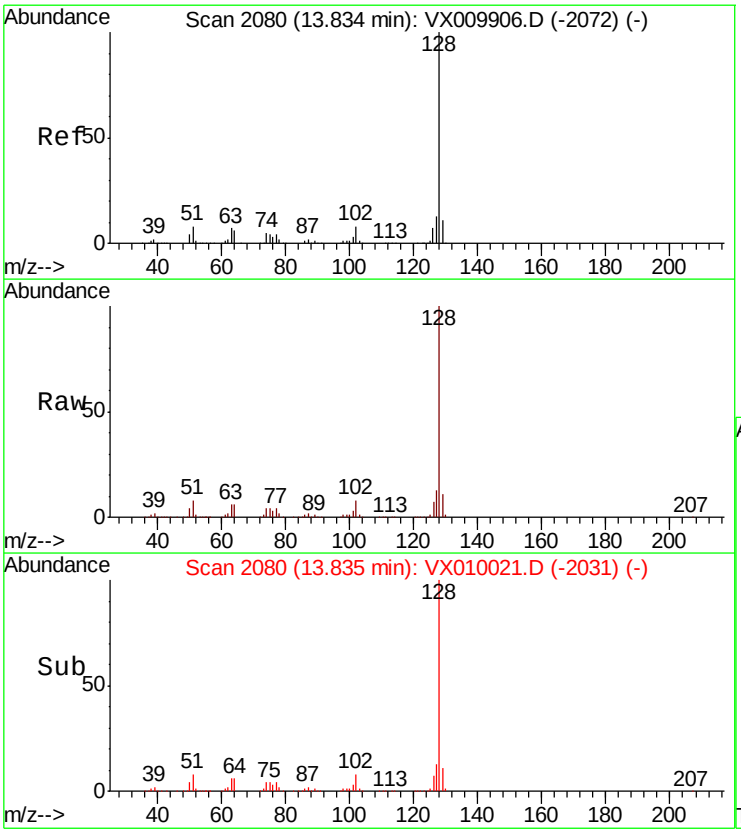

#94
Hexachlorobutadiene
Concen: 45.274 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion:225 Resp: 59631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.5 | 31.3 | 93.8 |
| 227 | 64.9 | 32.3 | 96.8 |

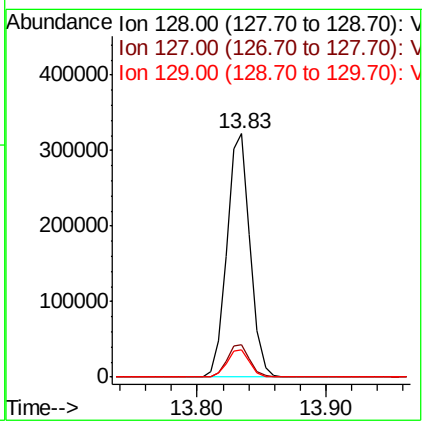


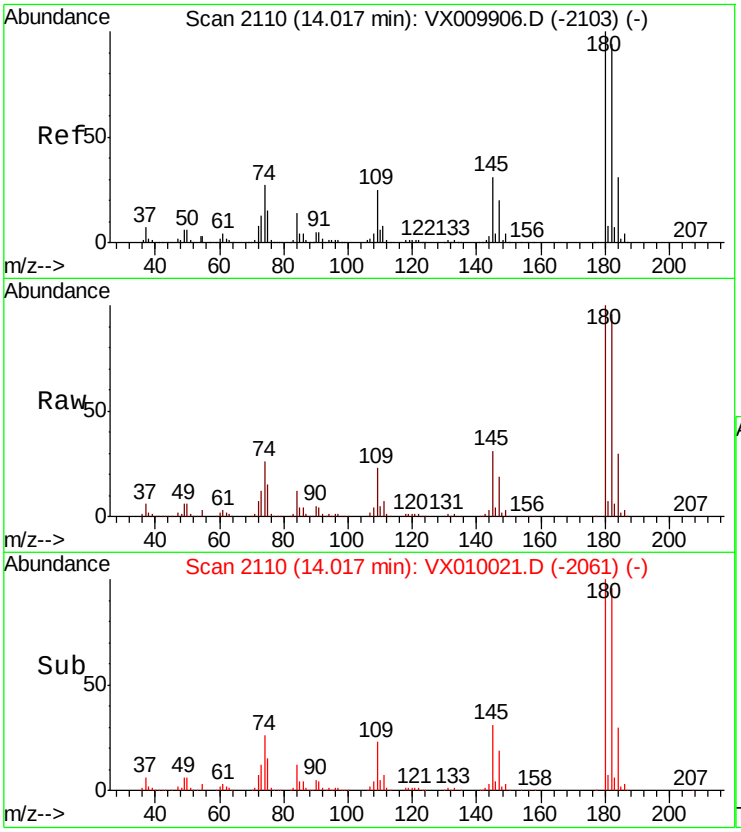




#95
Naphthalene
Concen: 49.736 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

Tgt Ion:128 Resp: 406438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.2 | 10.6 | 16.0 |
| 129 | 10.9 | 8.8 | 13.2 |






#96
1,2,3-Trichlorobenzene
Concen: 48.008 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010021.D
Acq: 01 Jun 2019 06:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
LF012MW004-190528MS

Tgt Ion:180 Resp: 126191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.2 | 47.3 | 142.0 |
| 145 | 30.5 | 15.6 | 46.7 |