Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080619\
Data File : VD063395.D
Acq On : 6 Aug 2019 13:30
Operator : JC/SY
Sample : VD0806SBS01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Quant Time: Aug 07 06:40:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.05 | 168 | 1128190 | 50.00 | ug/l | | 0.02 |
| 34) 1,4-Difluorobenzene | 8.22 | 114 | 1626373 | 50.00 | ug/l | | 0.02 |
| 63) Chlorobenzene-d5 | 12.37 | 117 | 1287025 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152 | 686073 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.45 | 65 | 639081 | 51.05 | ug/l | | 0.02 |
| Spiked Amount 50.000 | | | Recovery = 102.10% | | | | |
| 35) Dibromofluoromethane | 6.93 | 113 | 714992 | 51.49 | ug/l | | 0.03 |
| Spiked Amount 50.000 | | | Recovery = 102.98% | | | | |
| 50) Toluene-d8 | 10.42 | 98 | 1537432 | 49.47 | ug/l | | 0.02 |
| Spiked Amount 50.000 | | | Recovery = 98.94% | | | | |
| 62) 4-Bromofluorobenzene | 13.56 | 95 | 659098 | 46.54 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.08% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.58 | 85 | 284495 | 20.630 | ug/l | | 90 |
| 3) Chloromethane | 1.75 | 50 | 218790 | 20.420 | ug/l | | 91 |
| 4) Vinyl Chloride | 1.84 | 62 | 220820 | 19.908 | ug/l | | 98 |
| 5) Bromomethane | 2.15 | 94 | 90410 | 16.162 | ug/l | | 99 |
| 6) Chloroethane | 2.26 | 64 | 94899 | 18.531 | ug/l | | 96 |
| 7) Trichlorofluoromethane | 2.52 | 101 | 445392 | 20.698 | ug/l | | 98 |
| 8) Diethyl Ether | 2.88 | 74 | 61608 | 20.457 | ug/l | | 96 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.14 | 101 | 254712 | 21.369 | ug/l | | 98 |
| 10) Methyl Iodide | 3.30 | 142 | 310323 | 18.022 | ug/l | | 98 |
| 11) Tert butyl alcohol | 4.09 | 59 | 52275 | 95.155 | ug/l | # | 90 |
| 12) 1,1-Dichloroethene | 3.12 | 96 | 195639 | 22.357 | ug/l | | 91 |
| 13) Acrolein | 3.04 | 56 | 42808 | 80.967 | ug/l | | 98 |
| 14) Allyl chloride | 3.62 | 41 | 285955 | 20.513 | ug/l | | 99 |
| 15) Acrylonitrile | 4.21 | 53 | 153009 | 107.429 | ug/l | | 94 |
| 16) Acetone | 3.23 | 43 | 255303 | 104.673 | ug/l | # | 90 |
| 17) Carbon Disulfide | 3.37 | 76 | 584466 | 19.955 | ug/l | | 100 |
| 18) Methyl Acetate | 3.65 | 43 | 97504 | 20.812 | ug/l | | 97 |
| 19) Methyl tert-butyl Ether | 4.25 | 73 | 416835 | 21.088 | ug/l | | 98 |
| 20) Methylene Chloride | 3.81 | 84 | 202035 | 20.492 | ug/l | | 90 |
| 21) trans-1,2-Dichloroethene | 4.22 | 96 | 205739 | 20.954 | ug/l | | 99 |
| 22) Diisopropyl ether | 5.13 | 45 | 584438 | 20.985 | ug/l | | 93 |
| 23) Vinyl Acetate | 5.06 | 43 | 1794795 | 104.836 | ug/l | | 98 |
| 24) 1,1-Dichloroethane | 4.99 | 63 | 361090 | 20.298 | ug/l | | 100 |
| 25) 2-Butanone | 6.08 | 43 | 250760 | 102.443 | ug/l | # | 86 |
| 26) 2,2-Dichloropropane | 6.03 | 77 | 389708 | 21.257 | ug/l | | 95 |
| 27) cis-1,2-Dichloroethene | 6.04 | 96 | 219648 | 20.865 | ug/l | | 94 |
| 28) Bromochloromethane | 6.44 | 49 | 145505 | 20.528 | ug/l | # | 93 |
| 29) Tetrahydrofuran | 6.47 | 42 | 120399 | 103.890 | ug/l | | 98 |
| 30) Chloroform | 6.67 | 83 | 457152 | 20.707 | ug/l | | 99 |
| 31) Cyclohexane | 6.96 | 56 | 211780 | 18.992 | ug/l | | 93 |
| 32) 1,1,1-Trichloroethane | 6.87 | 97 | 446875 | 20.926 | ug/l | | 95 |
| 36) 1,1-Dichloropropene | 7.15 | 75 | 304849 | 20.539 | ug/l | | 98 |
| 37) Ethyl Acetate | 6.19 | 43 | 130556 | 19.579 | ug/l | | 98 |
| 38) Carbon Tetrachloride | 7.11 | 117 | 416956 | 18.660 | ug/l | | 95 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080619\
Data File : VD063395.D
Acq On : 6 Aug 2019 13:30
Operator : JC/SY
Sample : VD0806SBS01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Quant Time: Aug 07 06:40:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 8.87 | 83 | 235714 | 19.061 ug/l | | 93 |
| 40) Benzene | 7.45 | 78 | 625561 | 20.110 ug/l | | 97 |
| 41) Methacrylonitrile | 6.46 | 41 | 160867 | 20.168 ug/l | # | 94 |
| 42) 1,2-Dichloroethane | 7.58 | 62 | 327349 | 19.856 ug/l | | 96 |
| 43) Isopropyl Acetate | 9.25 | 43 | 166419 | 19.537 ug/l | # | 98 |
| 44) Trichloroethene | 8.55 | 130 | 242265 | 19.220 ug/l | | 99 |
| 45) 1,2-Dichloropropane | 8.94 | 63 | 160511 | 20.300 ug/l | | 99 |
| 46) Dibromomethane | 9.07 | 93 | 128958 | 19.615 ug/l | | 98 |
| 47) Bromodichloromethane | 9.38 | 83 | 332841 | 19.861 ug/l | | 90 |
| 48) Methyl methacrylate | 9.13 | 41 | 108319 | 19.607 ug/l | | 94 |
| 49) 1,4-Dioxane | 9.09 | 88 | 19524 | 414.787 ug/l | # | 86 |
| 51) 4-Methyl-2-Pentanone | 10.31 | 43 | 596267 | 102.930 ug/l | | 100 |
| 52) Toluene | 10.52 | 92 | 417719 | 20.190 ug/l | | 96 |
| 53) t-1,3-Dichloropropene | 10.92 | 75 | 274776 | 19.018 ug/l | | 91 |
| 54) cis-1,3-Dichloropropene | 10.04 | 75 | 305016 | 20.087 ug/l | | 100 |
| 55) 1,1,2-Trichloroethane | 11.20 | 97 | 141637 | 20.270 ug/l | | 92 |
| 56) Ethyl methacrylate | 11.05 | 69 | 158828 | 20.757 ug/l | | 90 |
| 57) 1,3-Dichloropropane | 11.41 | 76 | 210807 | 19.148 ug/l | | 97 |
| 58) 2-Chloroethyl Vinyl ether | 9.87 | 63 | 388896 | 97.677 ug/l | | 97 |
| 59) 2-Hexanone | 11.54 | 43 | 421092 | 100.869 ug/l | | 98 |
| 60) Dibromochloromethane | 11.69 | 129 | 269191 | 20.406 ug/l | | 100 |
| 61) 1,2-Dibromoethane | 11.81 | 107 | 171316 | 19.869 ug/l | | 98 |
| 64) Tetrachloroethene | 11.26 | 164 | 216859 | 21.150 ug/l | | 92 |
| 65) Chlorobenzene | 12.41 | 112 | 507517 | 20.501 ug/l | | 95 |
| 66) 1,1,1,2-Tetrachloroethane | 12.51 | 131 | 237363 | 21.768 ug/l | | 98 |
| 67) Ethyl Benzene | 12.52 | 91 | 883856 | 21.017 ug/l | | 96 |
| 68) m/p-Xylenes | 12.67 | 106 | 657810 | 42.653 ug/l | | 98 |
| 69) o-Xylene | 13.06 | 106 | 301267 | 21.272 ug/l | | 96 |
| 70) Styrene | 13.08 | 104 | 539383 | 21.476 ug/l | | 100 |
| 71) Bromoform | 13.24 | 173 | 163239 | 20.585 ug/l | | 98 |
| 73) Isopropylbenzene | 13.41 | 105 | 930170 | 21.602 ug/l | | 99 |
| 74) N-amyl acetate | 13.27 | 43 | 245146 | 21.536 ug/l | # | 90 |
| 75) 1,1,2,2-Tetrachloroethane | 13.71 | 83 | 163528 | 22.357 ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 13.74 | 75 | 176185 | 21.380 ug/l | | 96 |
| 77) Bromobenzene | 13.68 | 156 | 261189 | 21.293 ug/l | | 78 |
| 78) n-propylbenzene | 13.78 | 91 | 971762 | 18.964 ug/l | | 97 |
| 79) 2-Chlorotoluene | 13.84 | 91 | 619702 | 20.871 ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 13.93 | 105 | 787132 | 21.194 ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 13.48 | 75 | 40487 | 17.693 ug/l | # | 81 |
| 82) 4-Chlorotoluene | 13.95 | 91 | 758358 | 21.703 ug/l | | 97 |
| 83) tert-Butylbenzene | 14.19 | 119 | 852717 | 20.108 ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 14.24 | 105 | 744573 | 19.383 ug/l | | 97 |
| 85) sec-Butylbenzene | 14.37 | 105 | 930532 | 20.827 ug/l | | 97 |
| 86) p-Isopropyltoluene | 14.49 | 119 | 912968 | 21.410 ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 14.45 | 146 | 478442 | 22.025 ug/l | | 96 |
| 88) 1,4-Dichlorobenzene | 14.54 | 146 | 433576 | 19.738 ug/l | | 98 |
| 89) n-Butylbenzene | 14.80 | 91 | 792779 | 21.525 ug/l | | 95 |
| 90) Hexachloroethane | 15.01 | 117 | 224011 | 20.163 ug/l | | 83 |
| 91) 1,2-Dichlorobenzene | 14.81 | 146 | 410557 | 21.692 ug/l | | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 15.39 | 75 | 31296 | 21.006 ug/l | | 64 |

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
Data File : VD063395.D
Acq On : 6 Aug 2019 13:30
Operator : JC/SY
Sample : VD0806SBS01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Quant Time: Aug 07 06:40:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

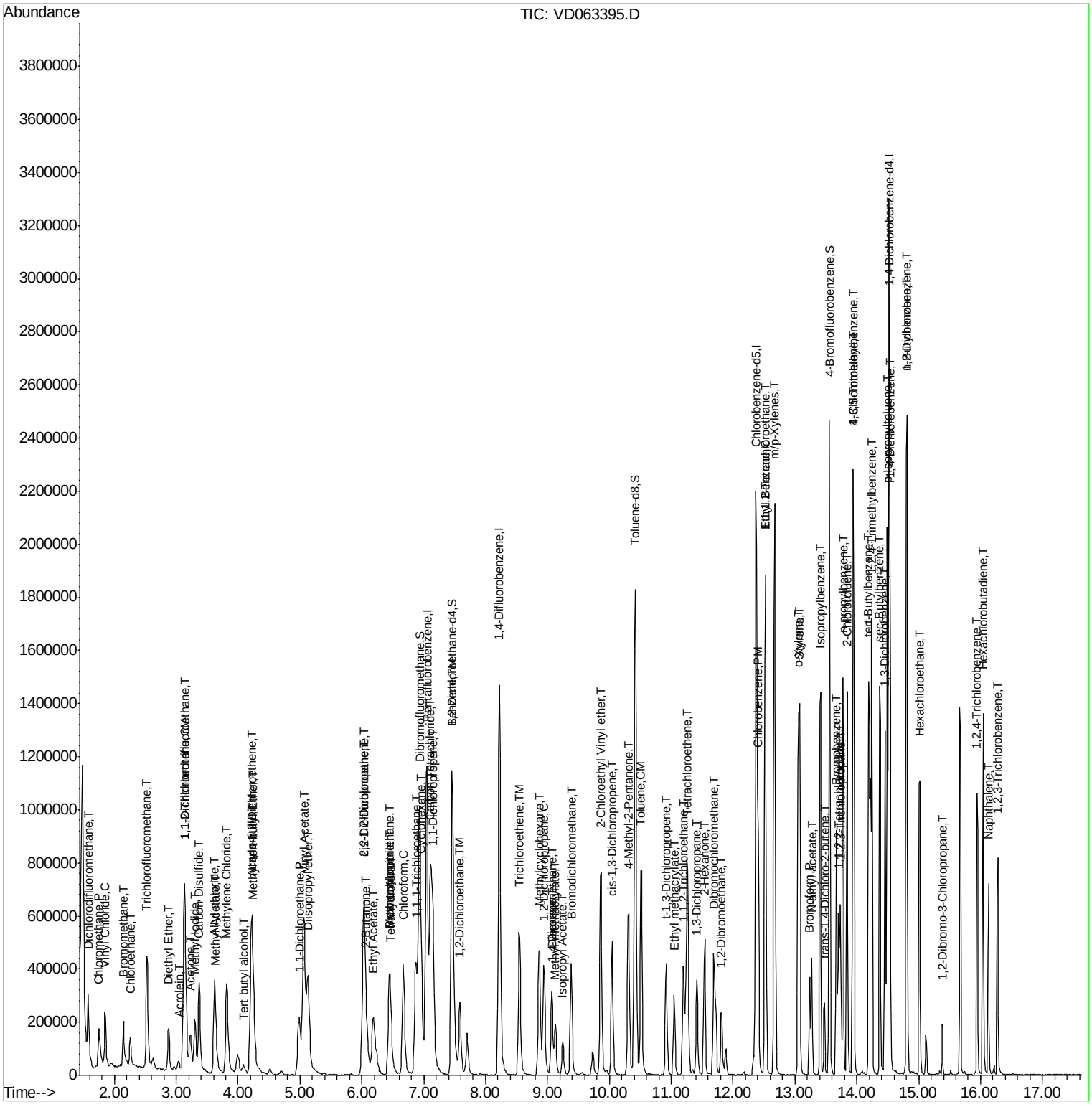
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.95 | 180 | 285339 | 19.004 | ug/l | 98 |
| 94) Hexachlorobutadiene | 16.04 | 225 | 212903 | 19.567 | ug/l | 98 |
| 95) Naphthalene | 16.13 | 128 | 431644 | 20.340 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 16.28 | 180 | 221845 | 18.703 | ug/l | 98 |

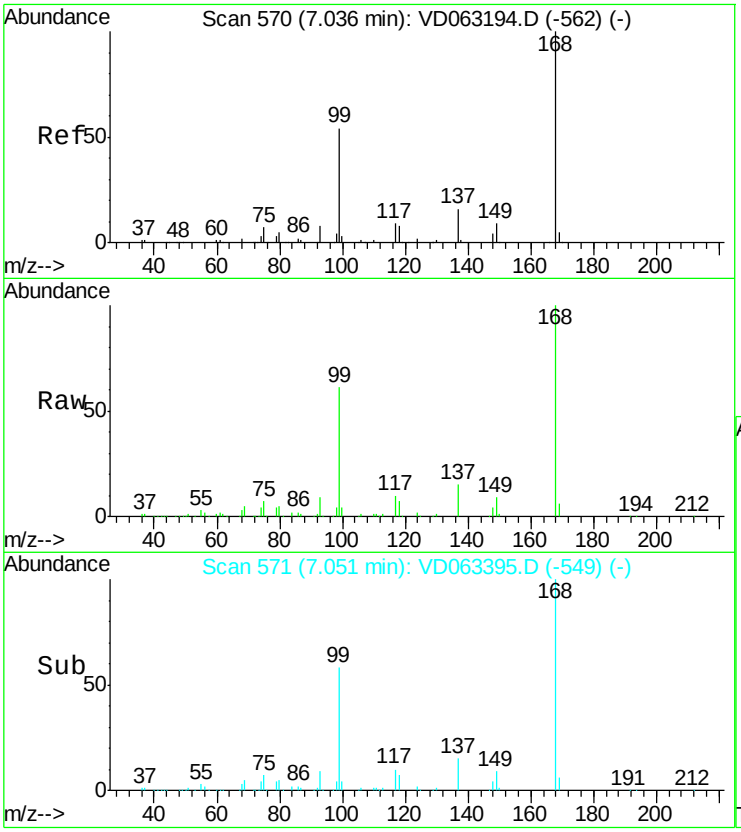
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080619\
Data File : VD063395.D
Acq On : 6 Aug 2019 13:30
Operator : JC/SY
Sample : VD0806SBS01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Quant Time: Aug 07 06:40:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration



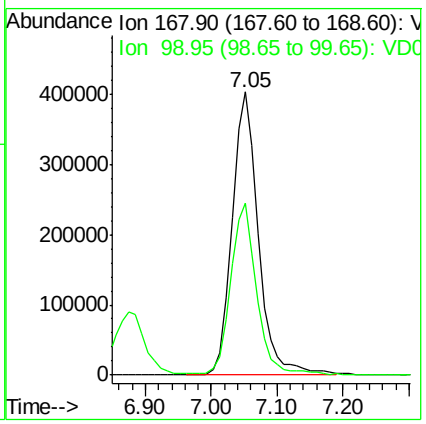


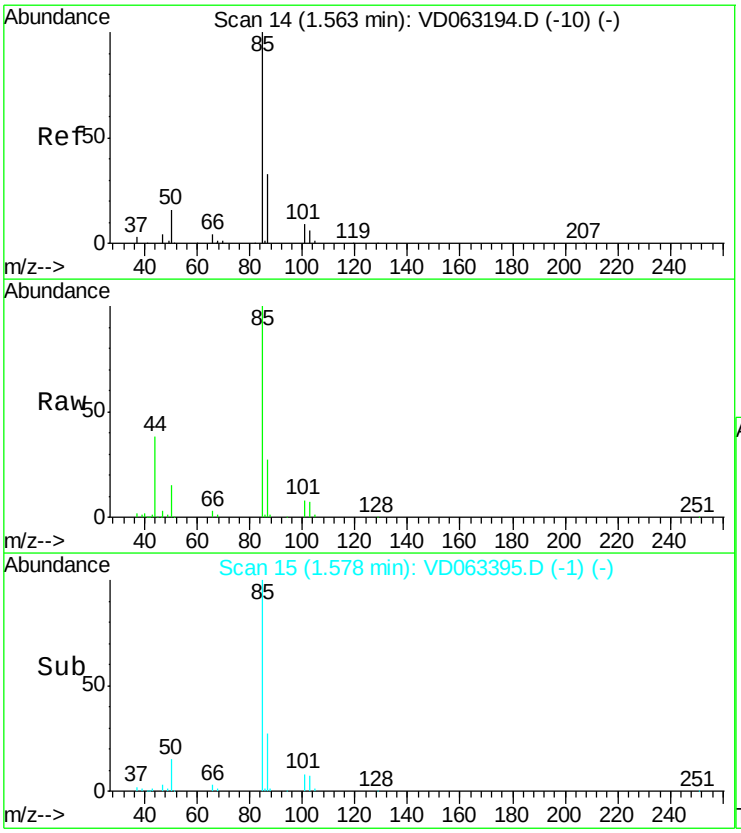

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion:168 Resp: 1128190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 60.6 | 43.7 | 65.5 |

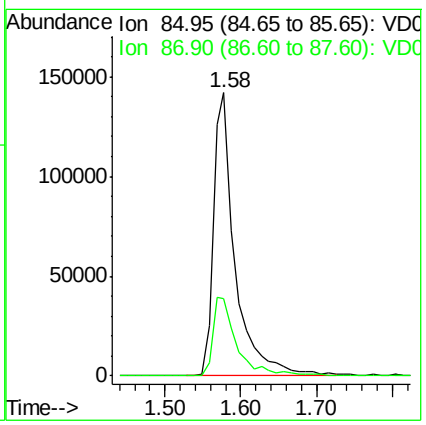


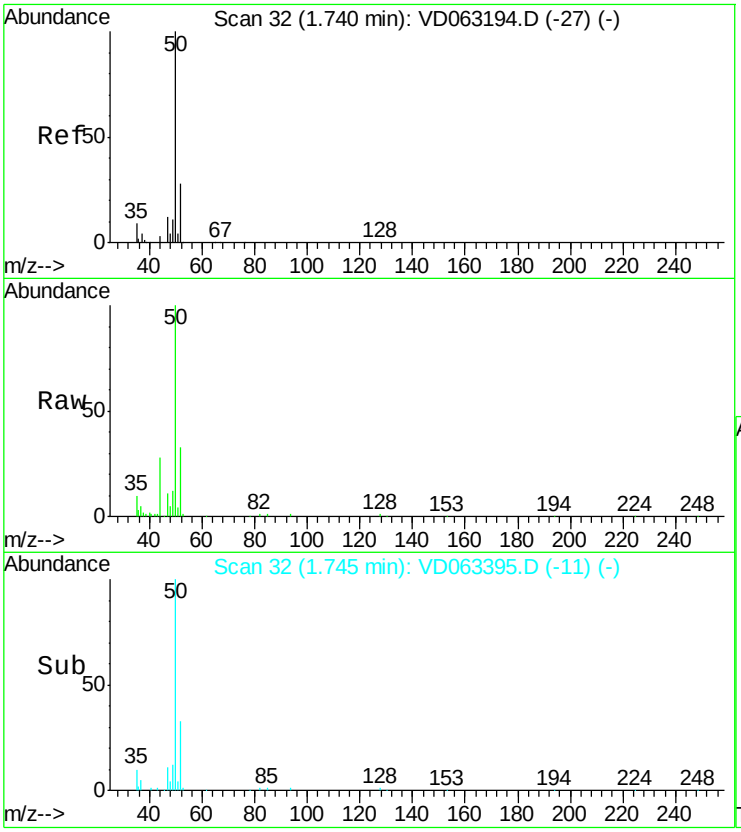




#2
Dichlorodifluoromethane
Concen: 20.630 ug/l
RT: 1.58 min Scan# 15
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 85 Resp: 284495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 27.5 | 16.6 | 49.7 |



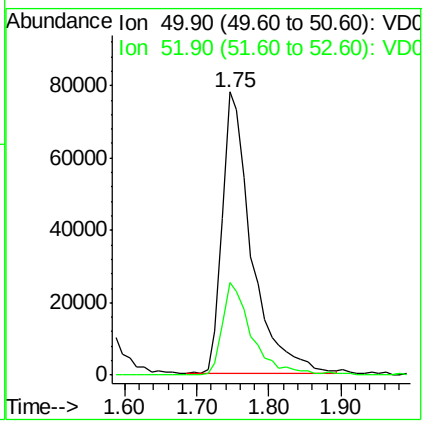


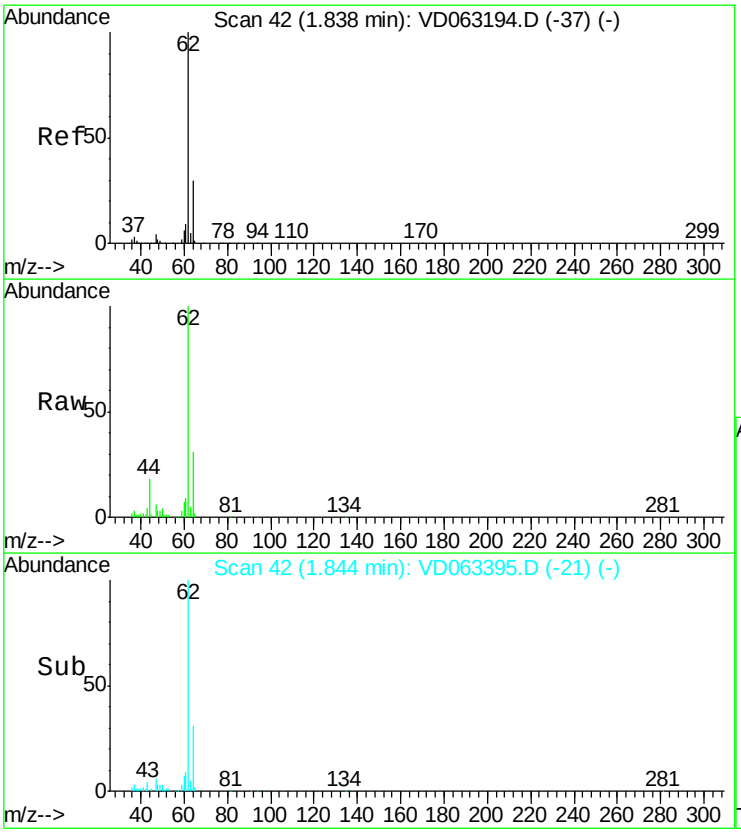

#3
Chloromethane
Concen: 20.420 ug/l
RT: 1.75 min Scan# 32
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 50 Resp: 218790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.8 | 22.6 | 34.0 |

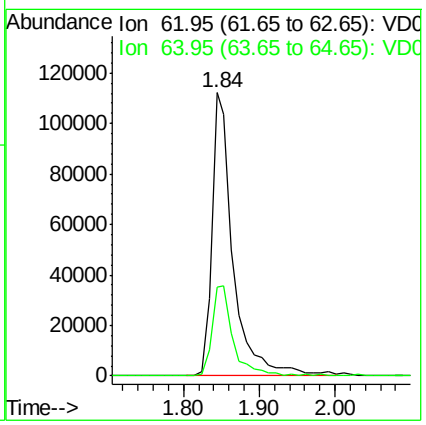


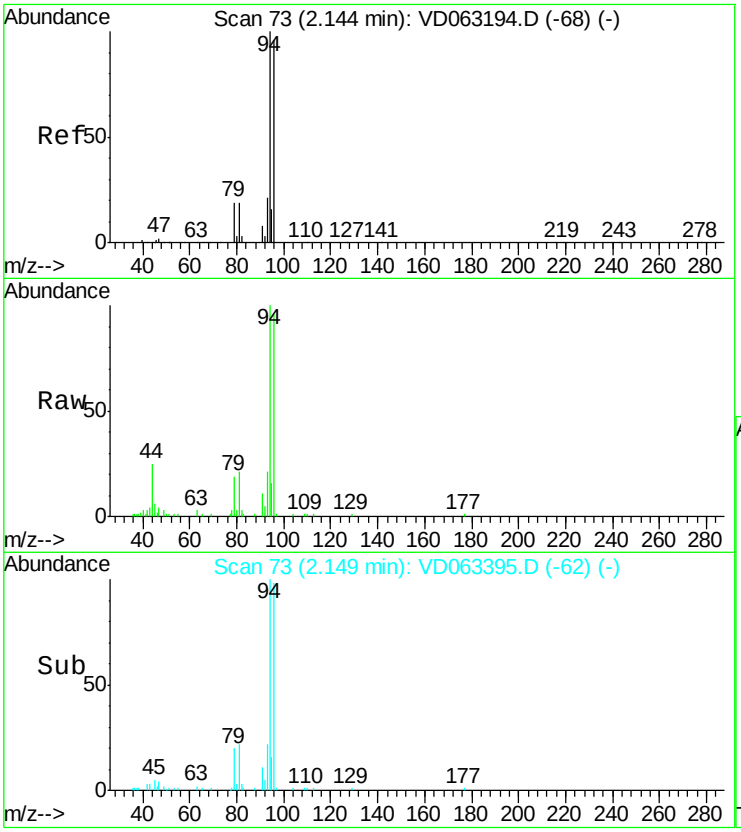




#4
Vinyl Chloride
Concen: 19.908 ug/l
RT: 1.84 min Scan# 42
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 62 Resp: 220820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.3 | 24.1 | 36.1 |



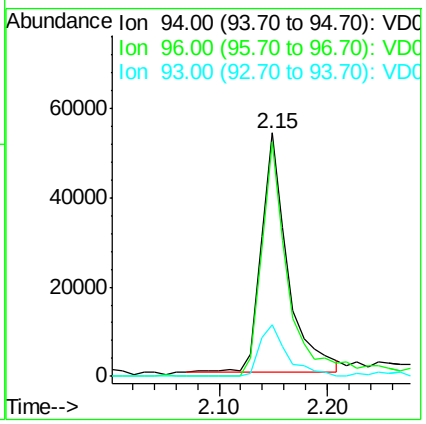


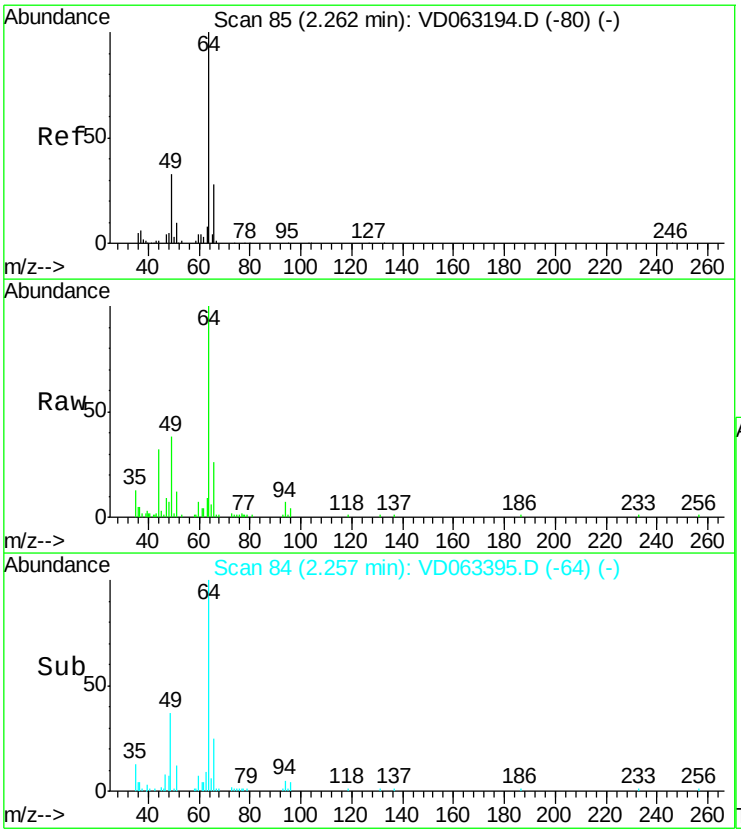

#5
Bromomethane
Concen: 16.162 ug/l
RT: 2.15 min Scan# 73
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 94 Resp: 90410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 96.3 | 76.4 | 114.6 |
| 93 | 21.2 | 17.3 | 25.9 |

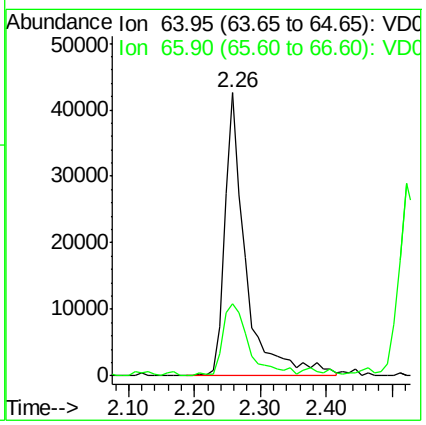


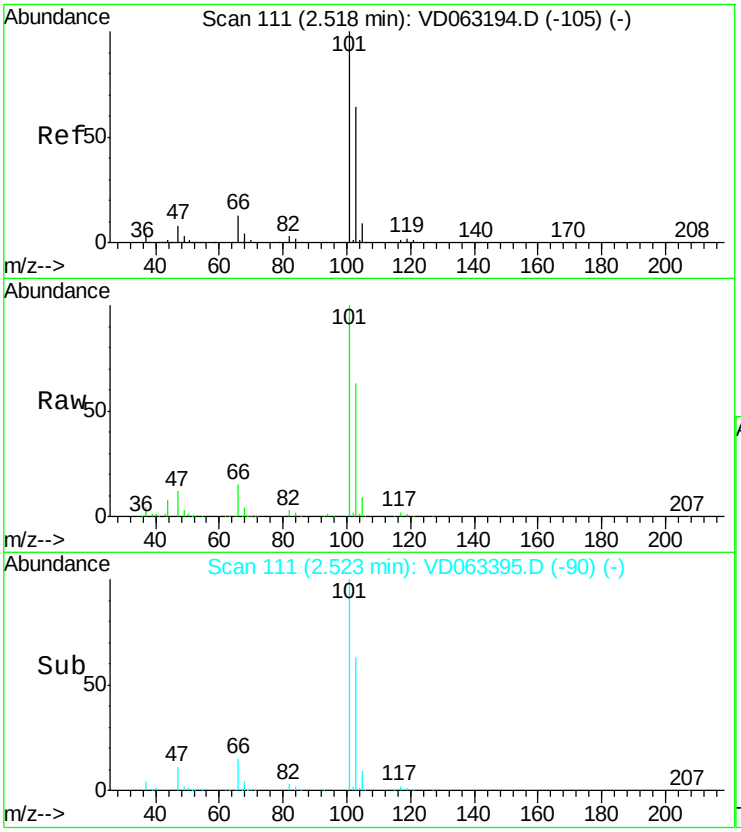




#6
Chloroethane
Concen: 18.531 ug/l
RT: 2.26 min Scan# 84
Delta R.T. -0.00 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 64 Resp: 94899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 25.5 | 22.2 | 33.2 |



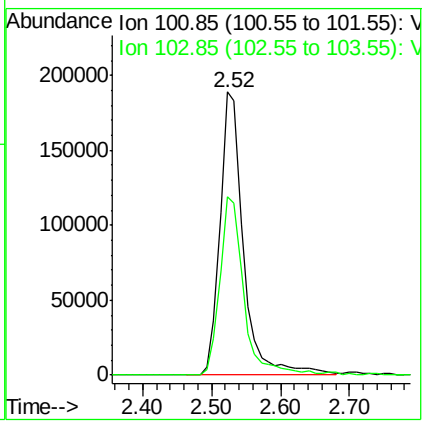


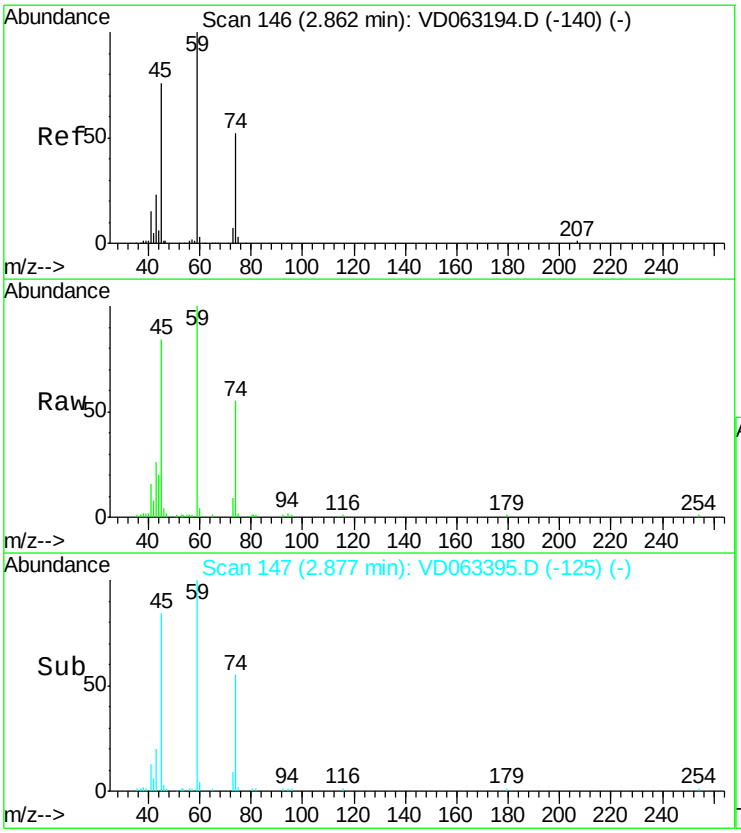

#7
Trichlorofluoromethane
Concen: 20.698 ug/l
RT: 2.52 min Scan# 111
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion:101 Resp: 445392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.9 | 51.5 | 77.3 |

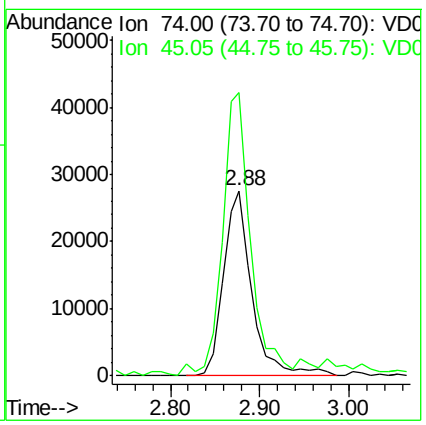


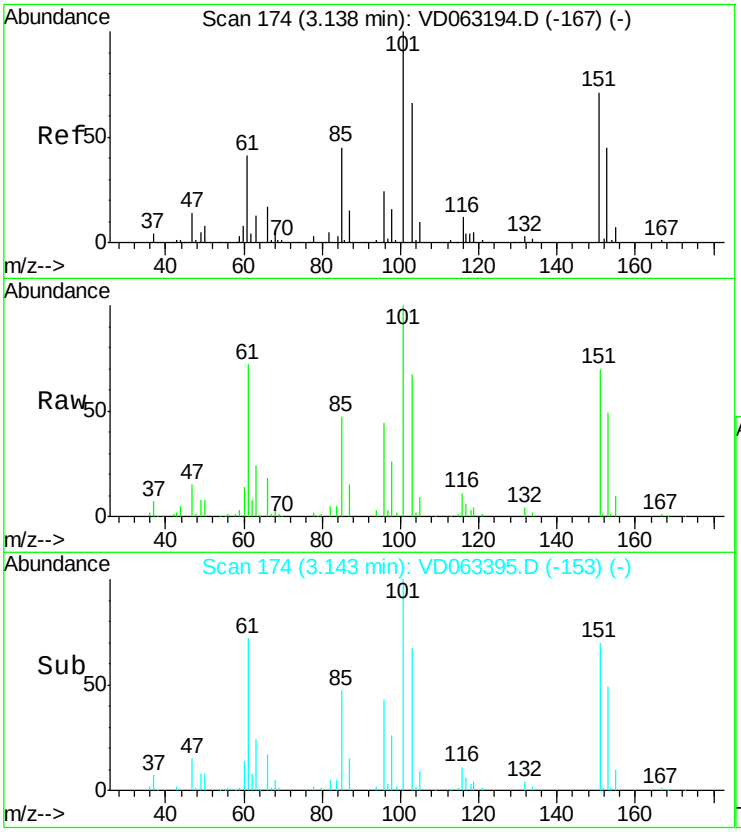




#8
Diethyl Ether
Concen: 20.457 ug/l
RT: 2.88 min Scan# 147
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 74 Resp: 61608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 152.7 | 73.6 | 220.8 |



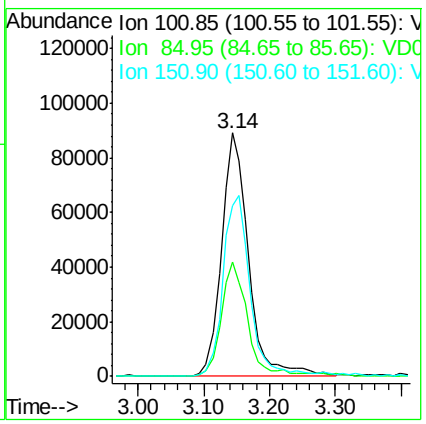


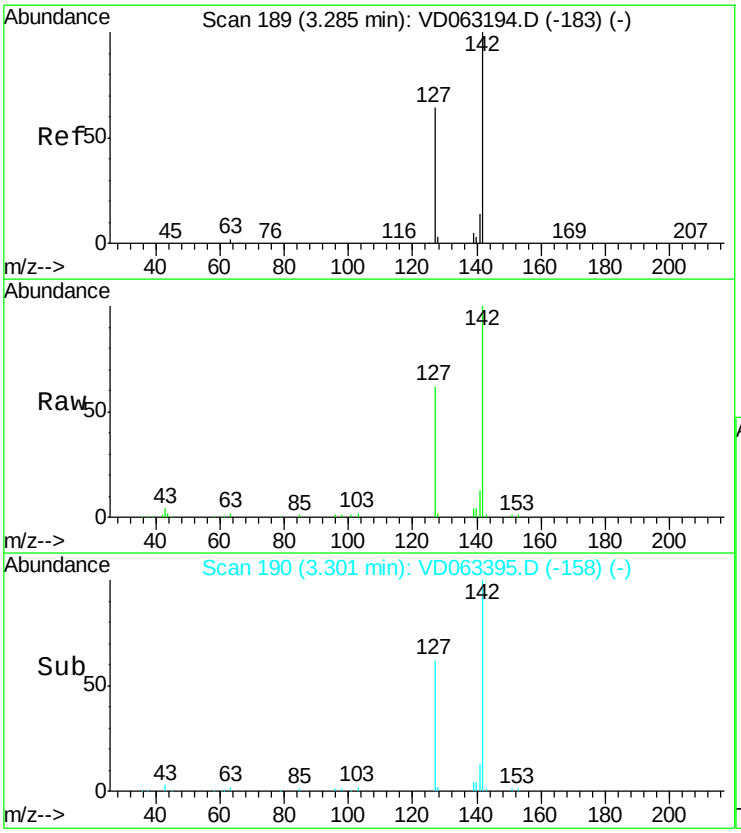

#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.369 ug/l
RT: 3.14 min Scan# 174
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion:101 Resp: 254712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 47.1 | 36.1 | 54.1 |
| 151 | 70.3 | 57.1 | 85.7 |

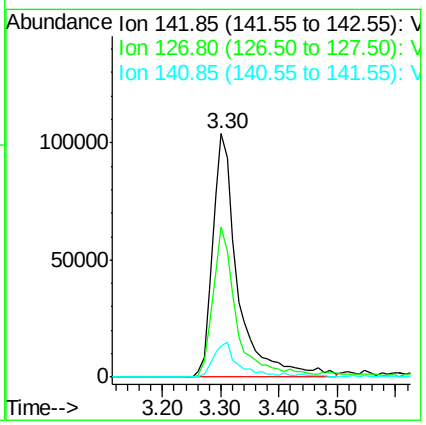


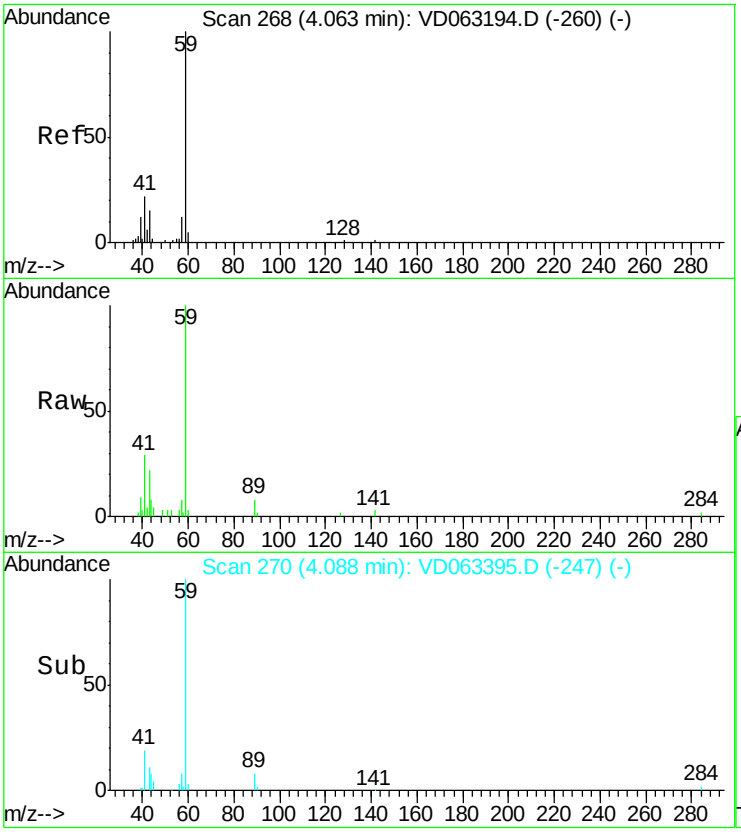




#10
Methyl Iodide
Concen: 18.022 ug/l
RT: 3.30 min Scan# 190
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion:142 Resp: 310323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 61.8 | 50.8 | 76.2 |
| 141 | 12.9 | 11.4 | 17.2 |



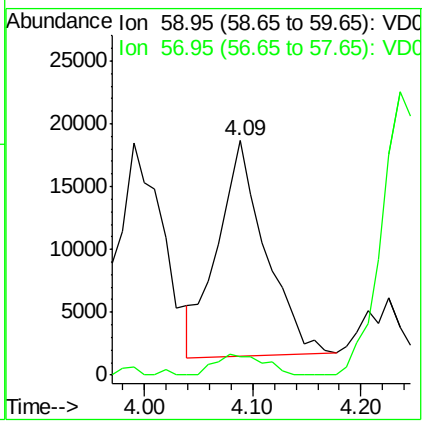


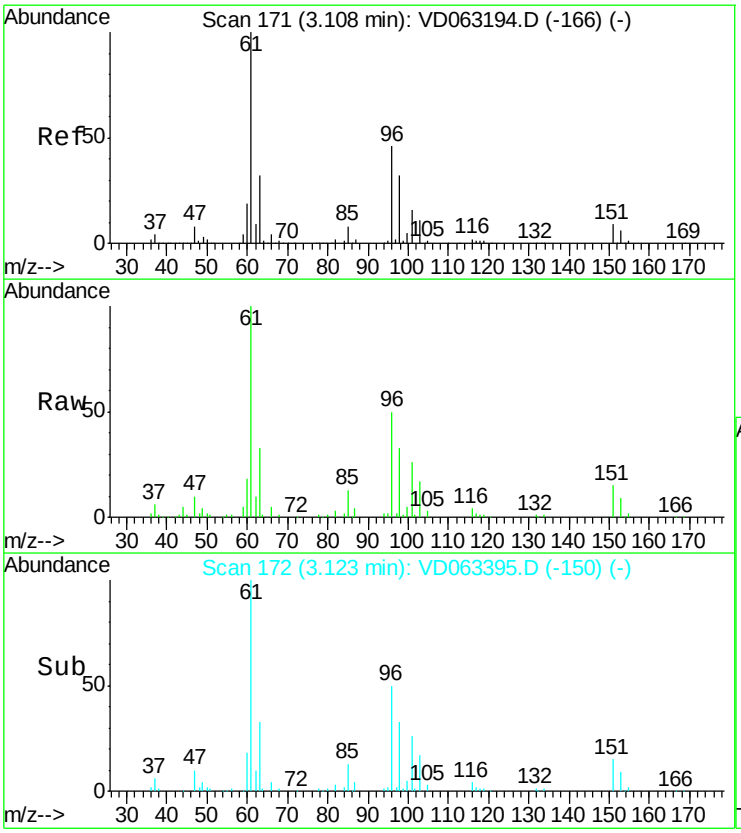

#11
Tert butyl alcohol
Concen: 95.155 ug/l
RT: 4.09 min Scan# 270
Delta R.T. 0.03 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 59 Resp: 52275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 8.0 | 9.6 | 14.4# |

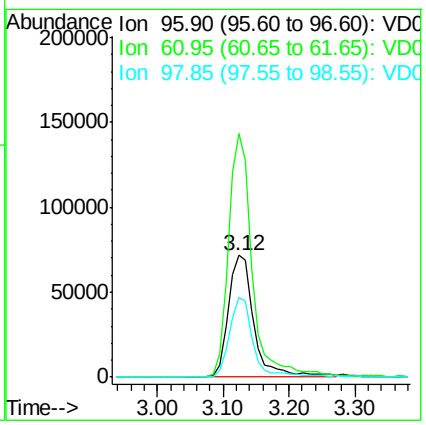


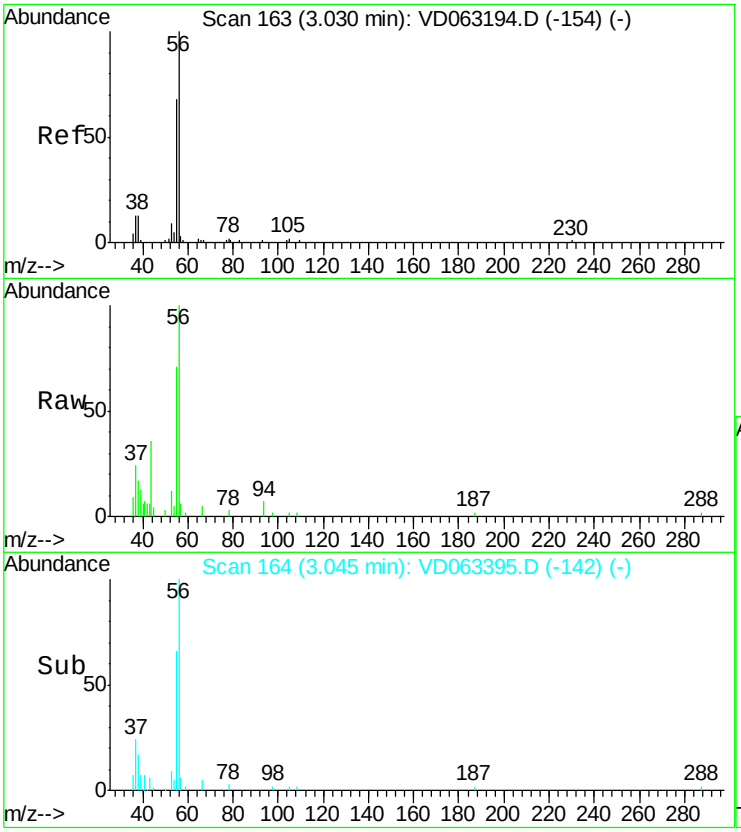




#12
1,1-Dichloroethene
Concen: 22.357 ug/l
RT: 3.12 min Scan# 172
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 96 Resp: 195639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 200.4 | 173.7 | 260.5 |
| 98 | 65.3 | 55.8 | 83.8 |



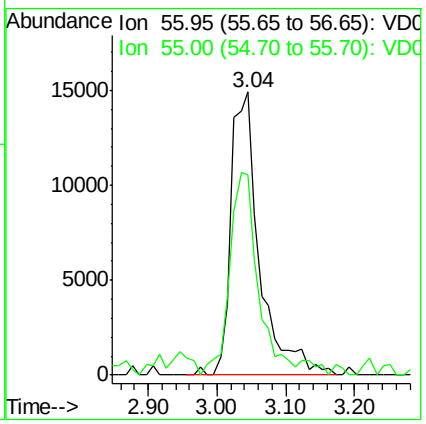


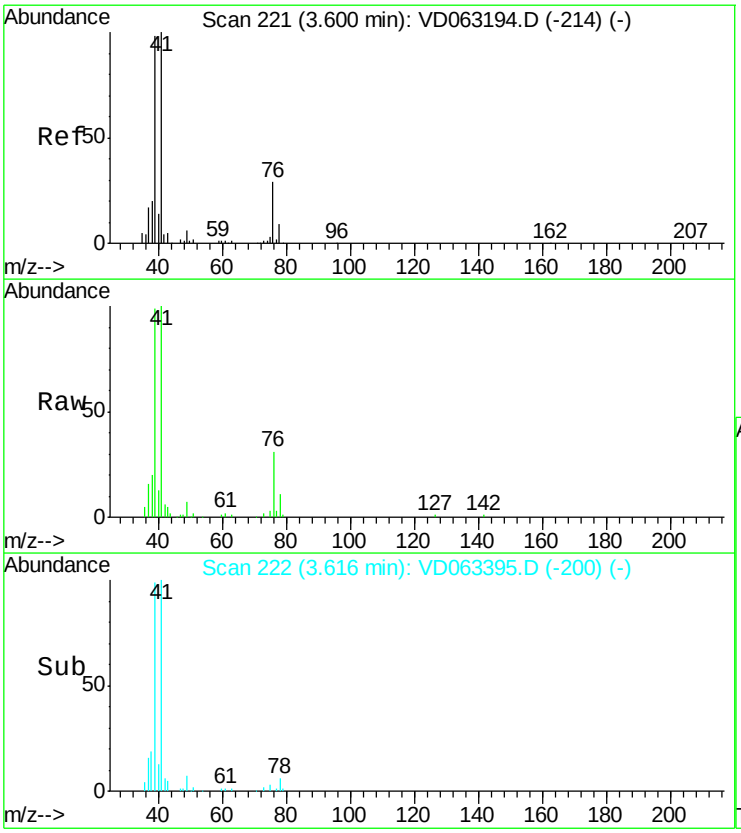

#13
Acrolein
Concen: 80.967 ug/l
RT: 3.04 min Scan# 164
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 56 Resp: 42808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.5 | 55.3 | 82.9 |

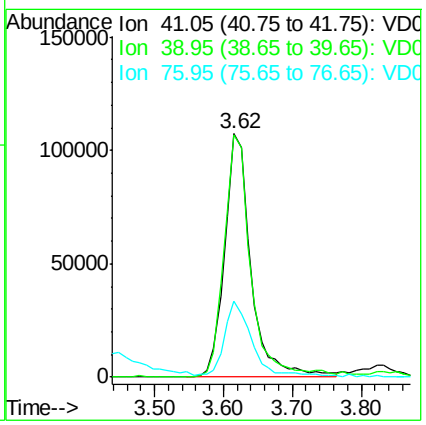


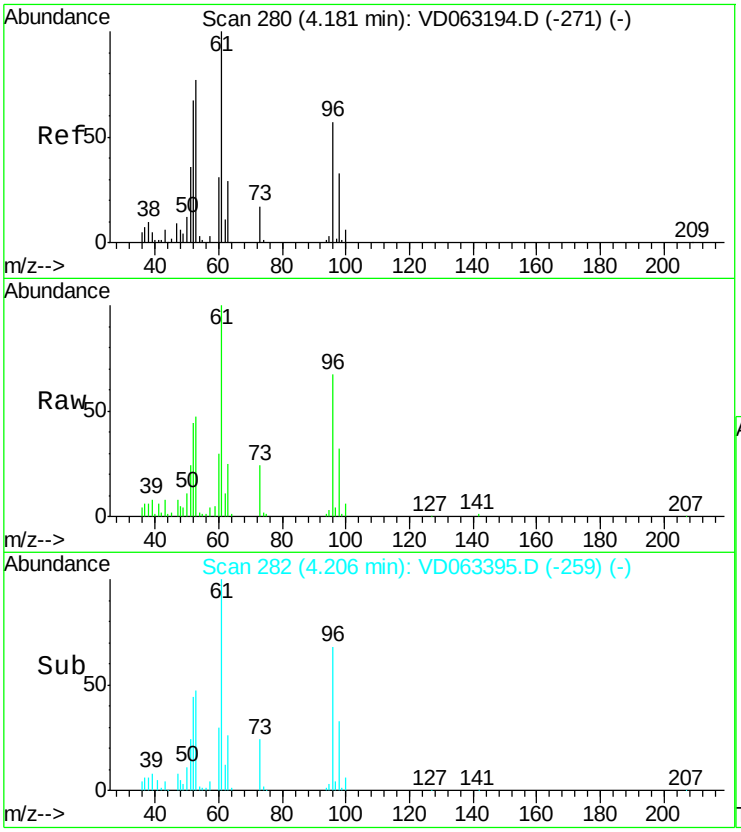




#14
Allyl chloride
Concen: 20.513 ug/l
RT: 3.62 min Scan# 222
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 41 Resp: 285955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 99.5 | 78.6 | 117.8 |
| 76 | 31.2 | 24.5 | 36.7 |



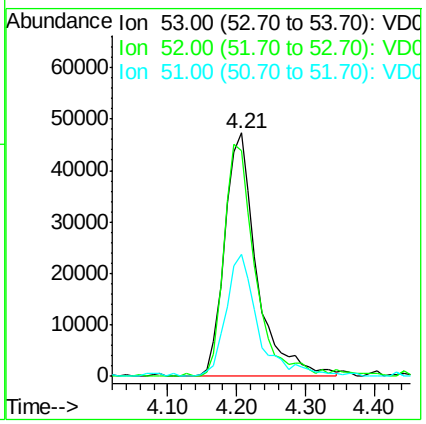


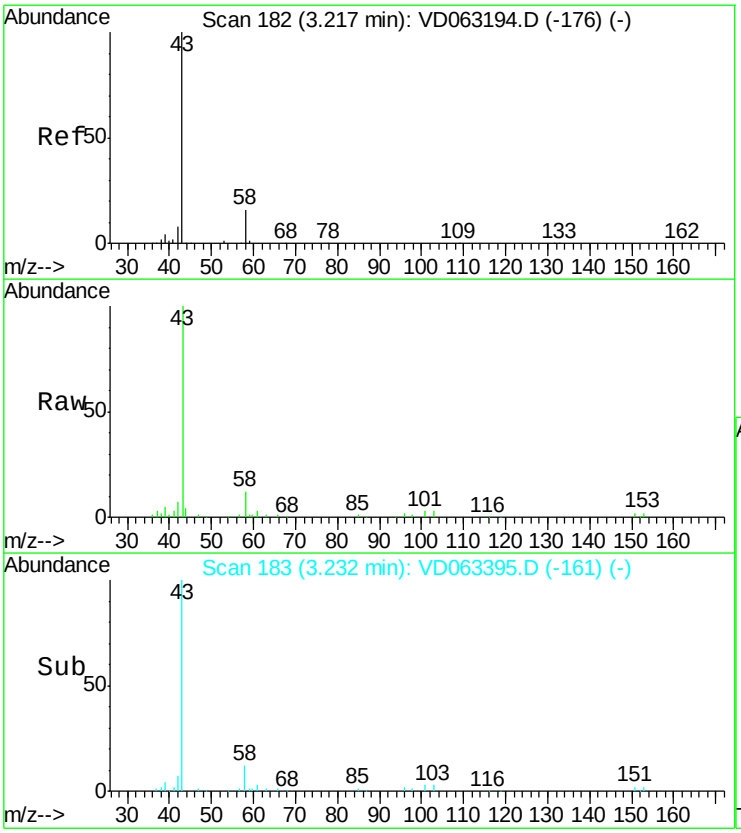

#15
Acrylonitrile
Concen: 107.429 ug/l
RT: 4.21 min Scan# 282
Delta R.T. 0.03 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion: 53 Resp: 153009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 92.5 | 69.7 | 104.5 |
| 51 | 50.3 | 37.4 | 56.0 |

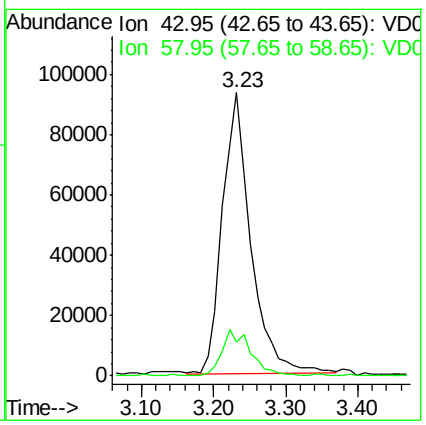


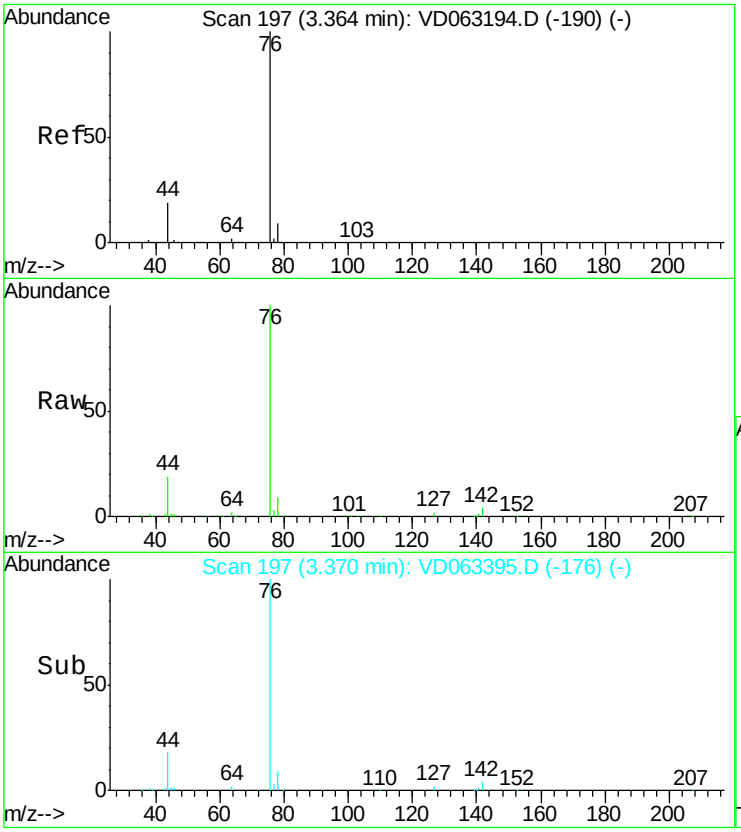




#16
Acetone
Concen: 104.673 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 43 Resp: 255303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 12.0 | 13.0 | 19.4# |



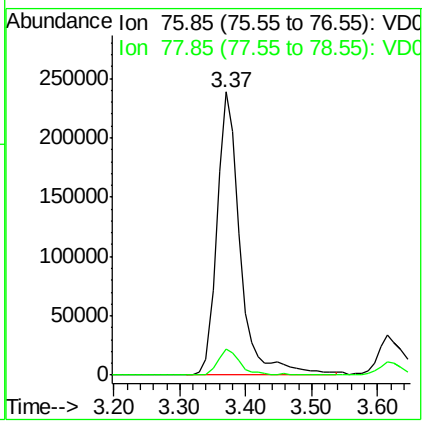


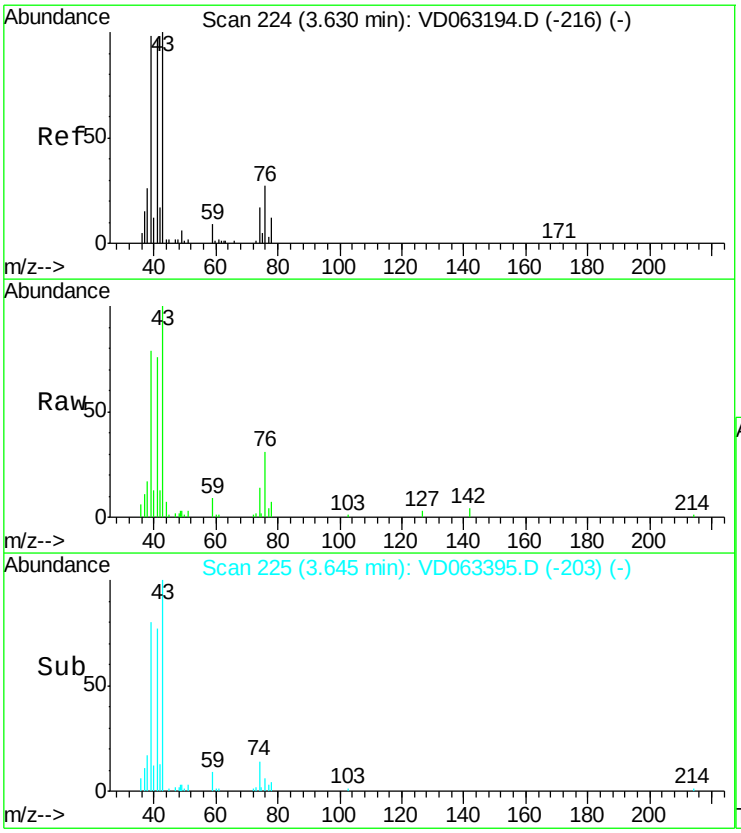

#17
Carbon Disulfide
Concen: 19.955 ug/l
RT: 3.37 min Scan# 197
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion: 76 Resp: 584466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 7.4 | 11.2 |

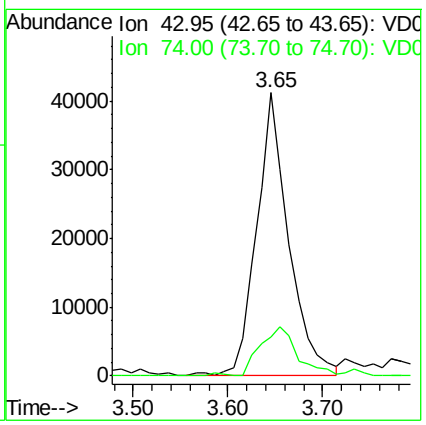


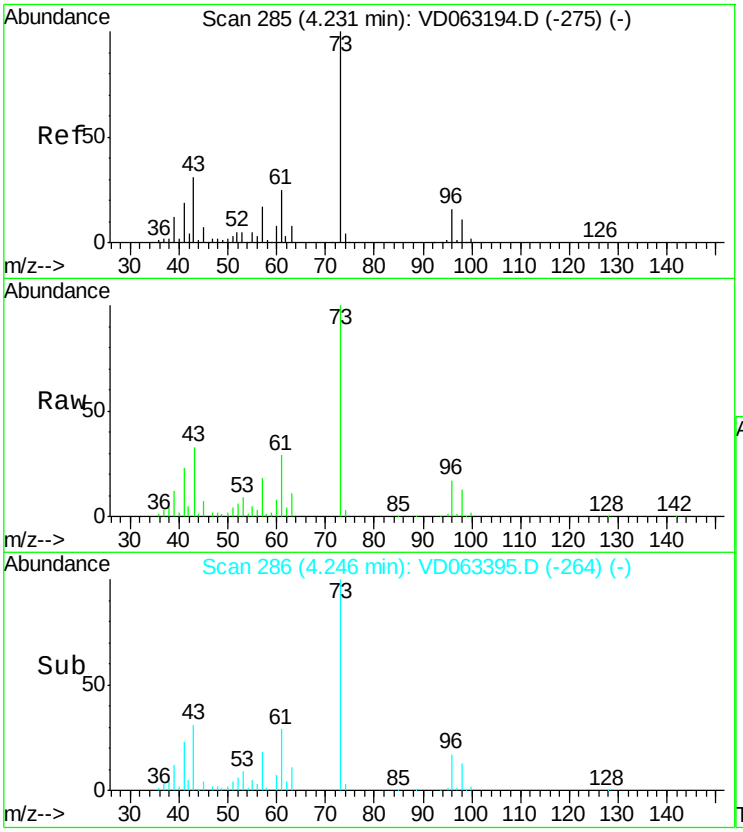




#18
Methyl Acetate
Concen: 20.812 ug/l
RT: 3.65 min Scan# 225
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 43 Resp: 97504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 15.9 | 13.8 | 20.8 |



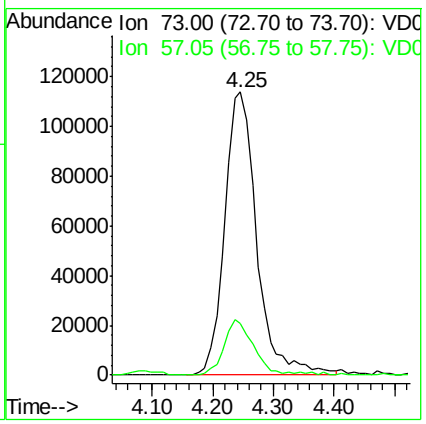


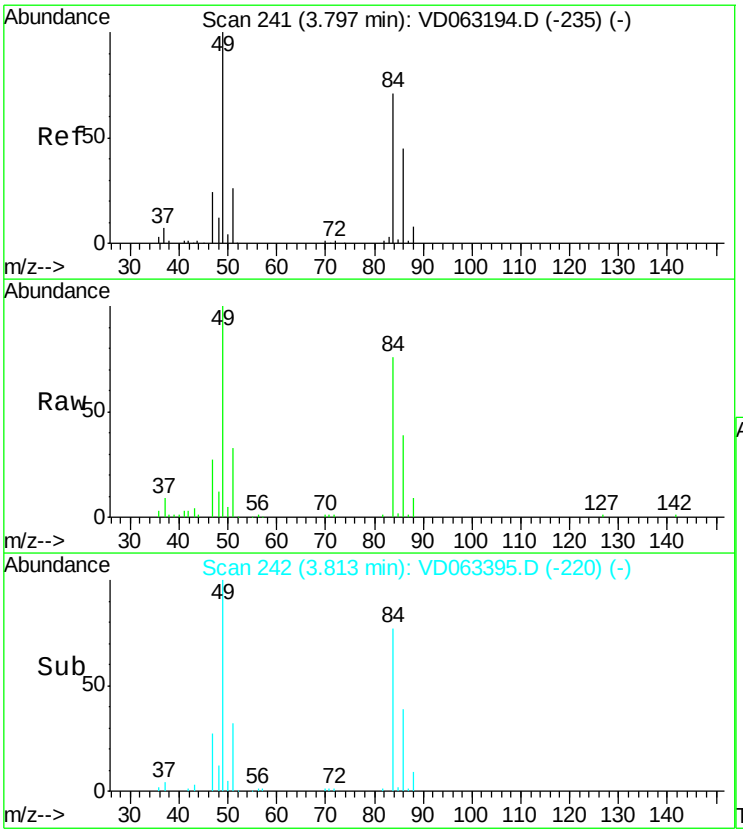

#19
Methyl tert-butyl Ether
Concen: 21.088 ug/l
RT: 4.25 min Scan# 286
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion: 73 Resp: 416835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 18.1 | 13.8 | 20.6 |

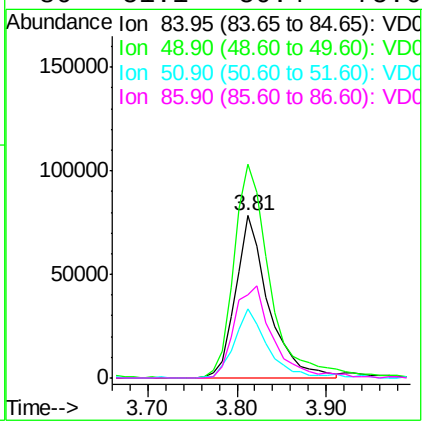


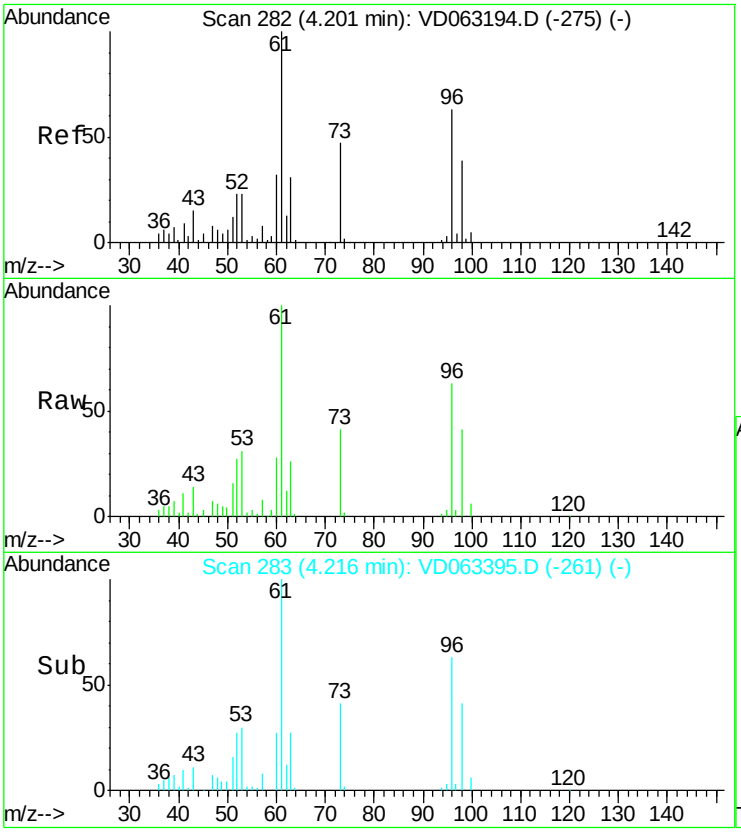




#20
Methylene Chloride
Concen: 20.492 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 84 Resp: 202035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 131.8 | 112.5 | 168.7 |
| 51 | 43.0 | 29.6 | 44.4 |
| 86 | 51.1 | 50.4 | 75.6 |



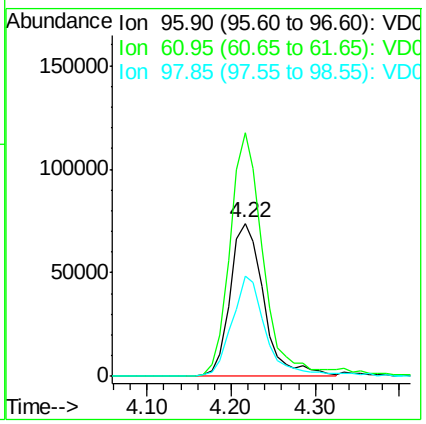


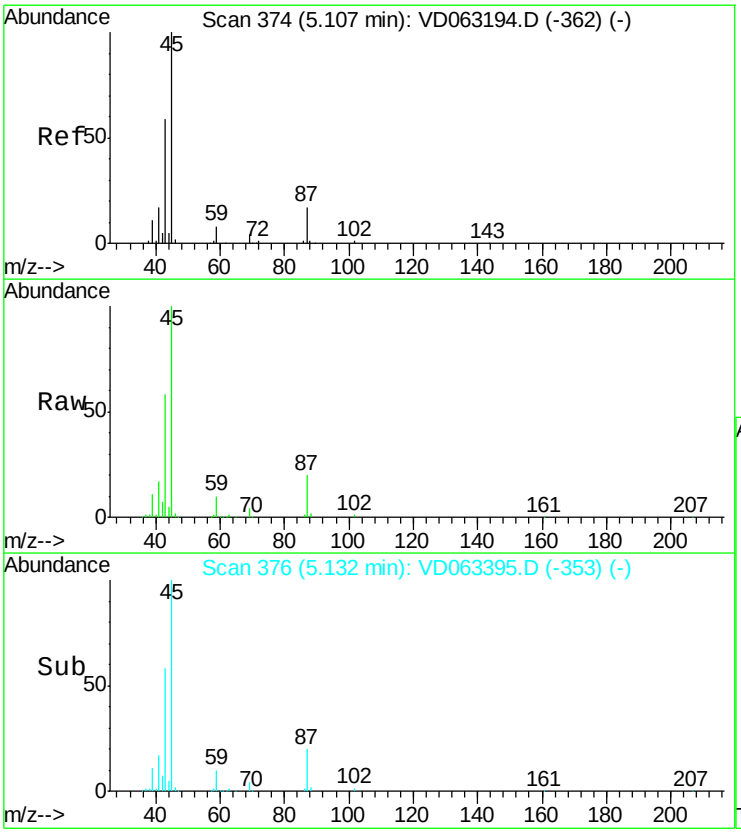

#21
trans-1,2-Dichloroethene
Concen: 20.954 ug/l
RT: 4.22 min Scan# 283
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 96 Resp: 205739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 159.3 | 127.4 | 191.2 |
| 98 | 65.4 | 49.3 | 73.9 |

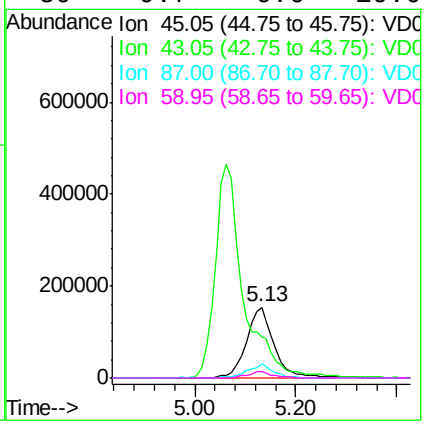


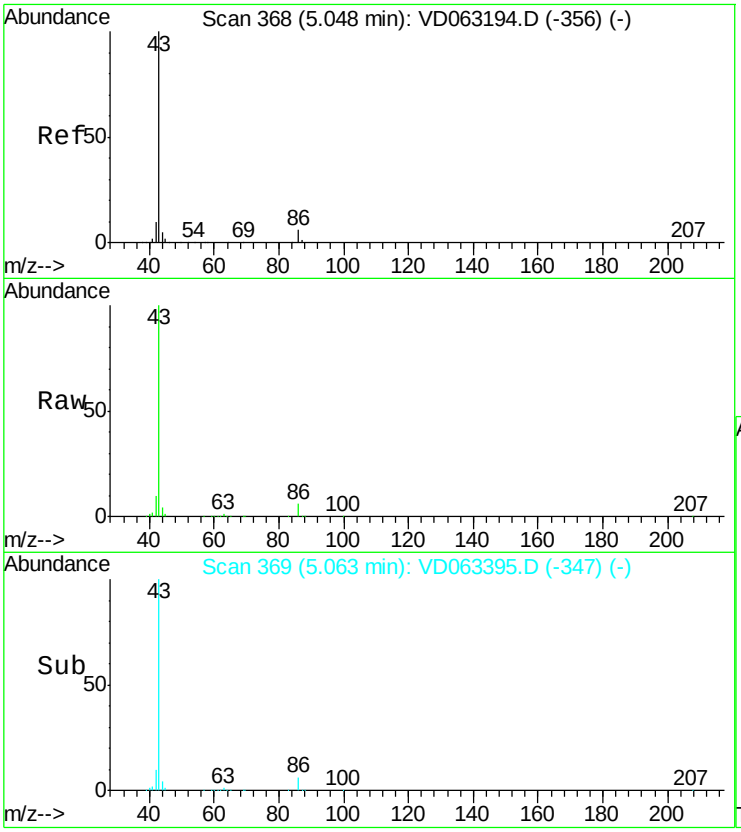




#22
Diisopropyl ether
Concen: 20.985 ug/l
RT: 5.13 min Scan# 376
Delta R.T. 0.03 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 45 Resp: 584438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 57.6 | 51.7 | 77.5 |
| 87 | 19.9 | 14.6 | 21.8 |
| 59 | 9.7 | 6.6 | 10.0 |



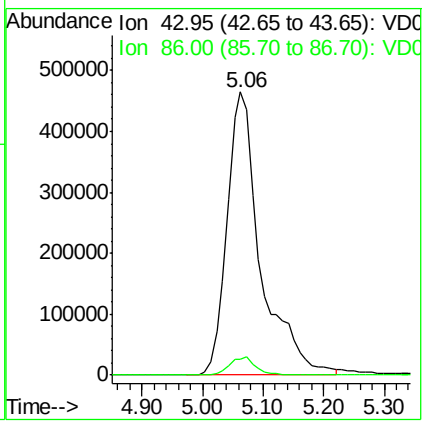


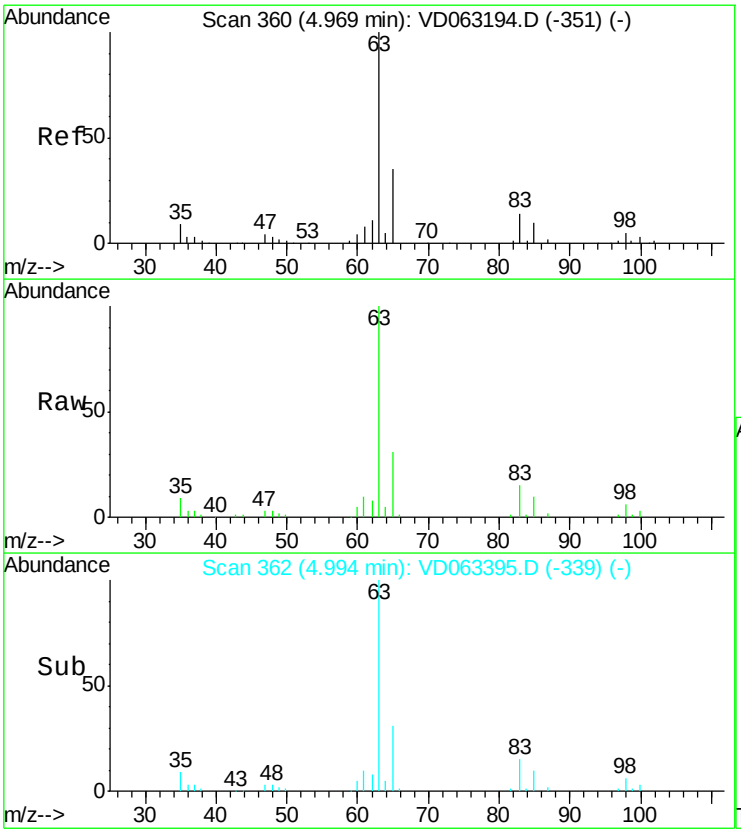

#23
Vinyl Acetate
Concen: 104.836 ug/l
RT: 5.06 min Scan# 369
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion: 43 Resp: 1794795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 5.5 | 4.9 | 7.3 |

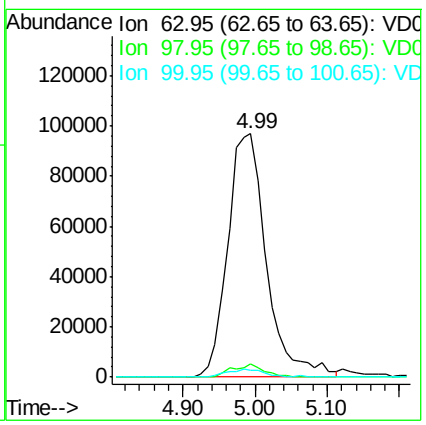


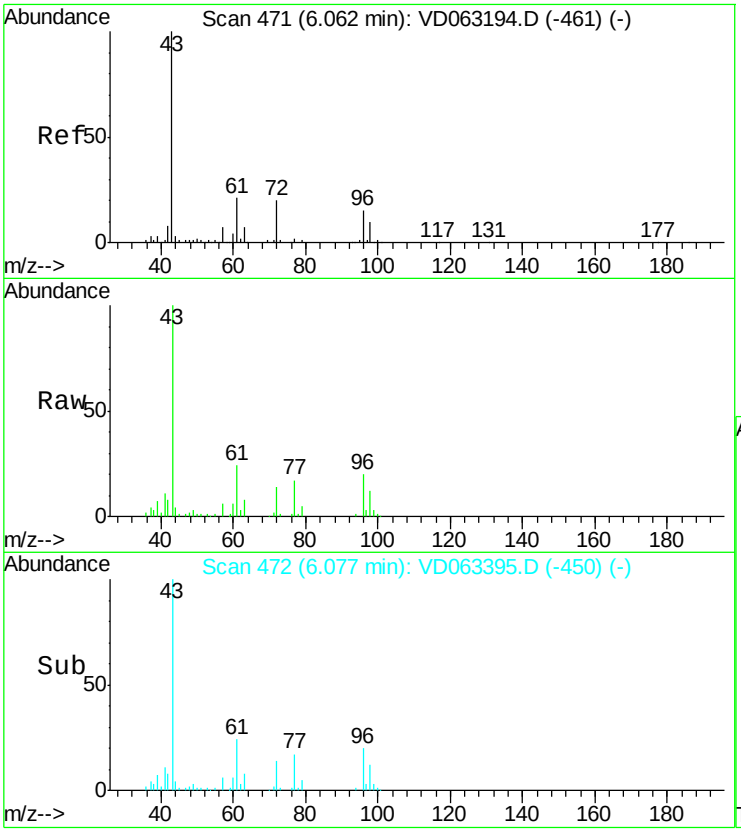




#24
1,1-Dichloroethane
Concen: 20.298 ug/l
RT: 4.99 min Scan# 362
Delta R.T. 0.03 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 63 Resp: 361090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.7 | 2.8 | 8.4 |
| 100 | 2.7 | 1.3 | 3.9 |



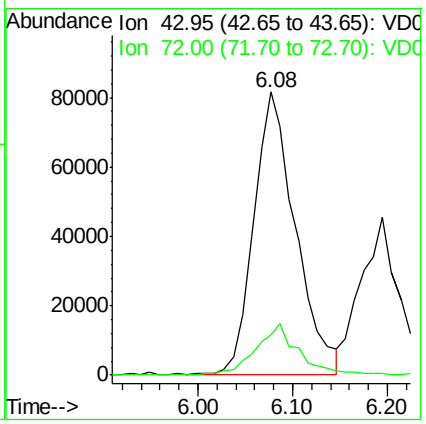


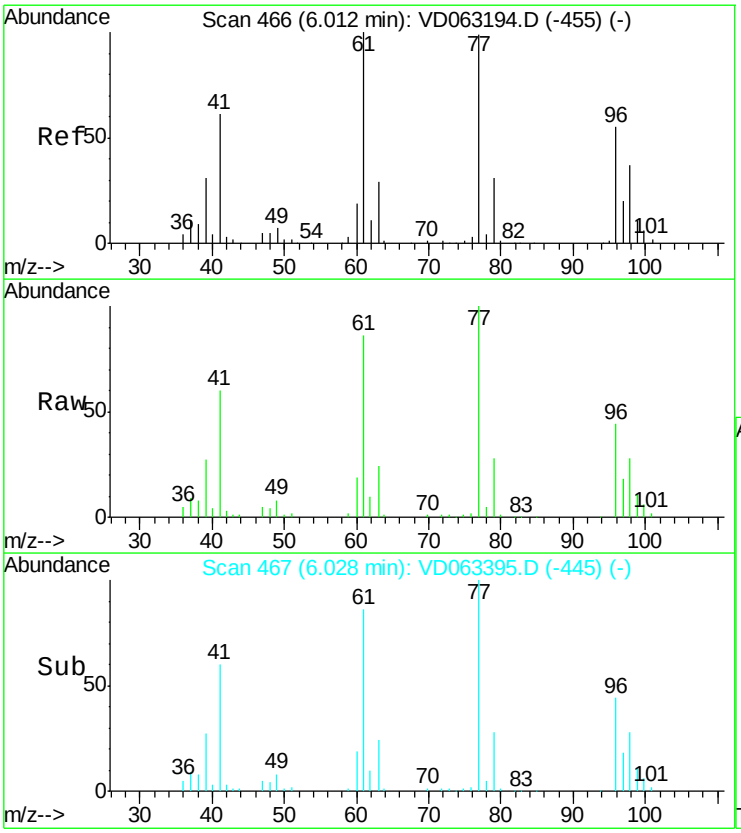

#25
2-Butanone
Concen: 102.443 ug/l
RT: 6.08 min Scan# 472
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion: 43 Resp: 250760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 14.1 | 16.3 | 24.5# |

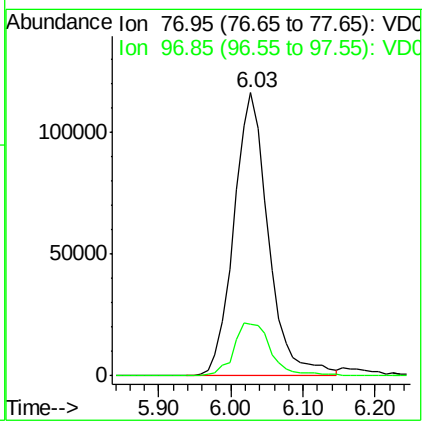


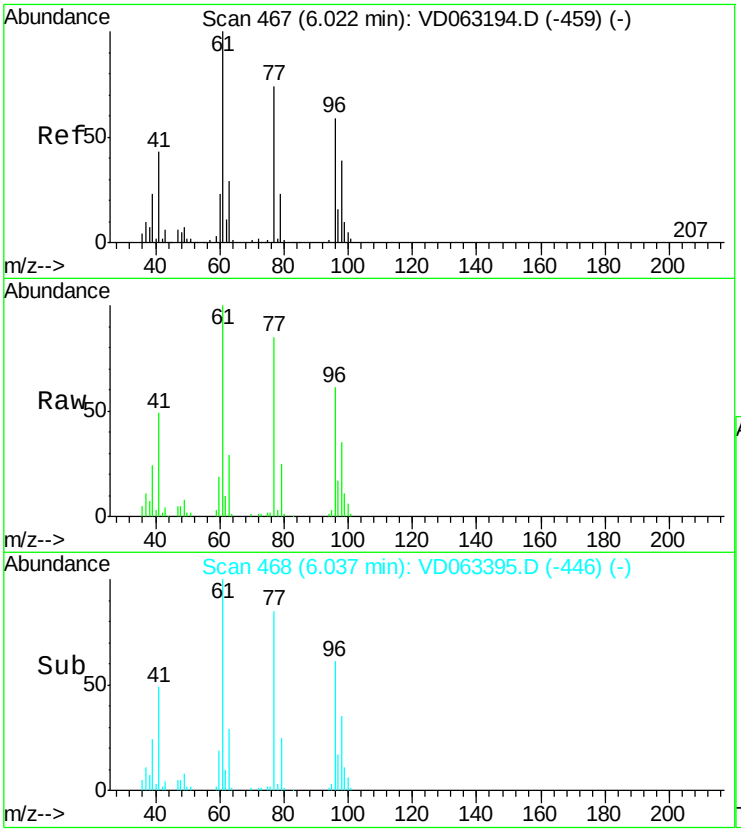




#26
2,2-Dichloropropane
Concen: 21.257 ug/l
RT: 6.03 min Scan# 467
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 77 Resp: 389708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 18.1 | 10.2 | 30.6 |



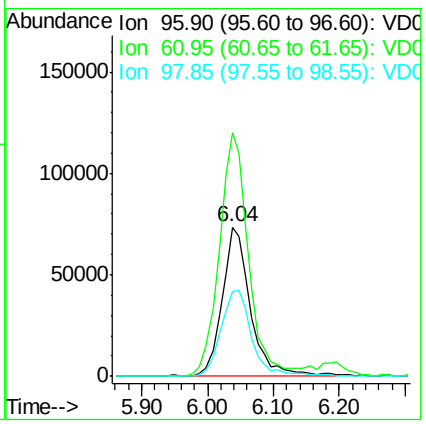


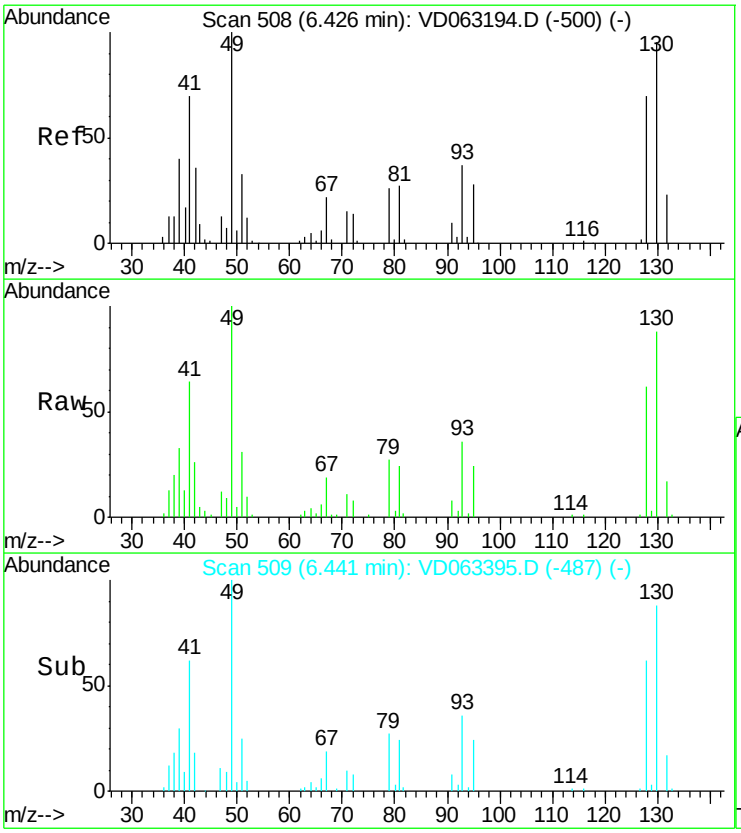

#27
cis-1,2-Dichloroethene
Concen: 20.865 ug/l
RT: 6.04 min Scan# 468
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 96 Resp: 219648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 163.4 | 0.0 | 337.2 |
| 98 | 57.2 | 0.0 | 130.6 |

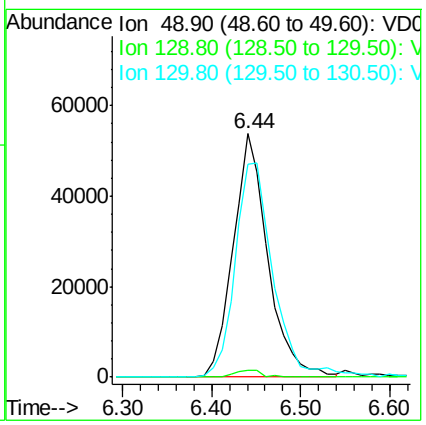


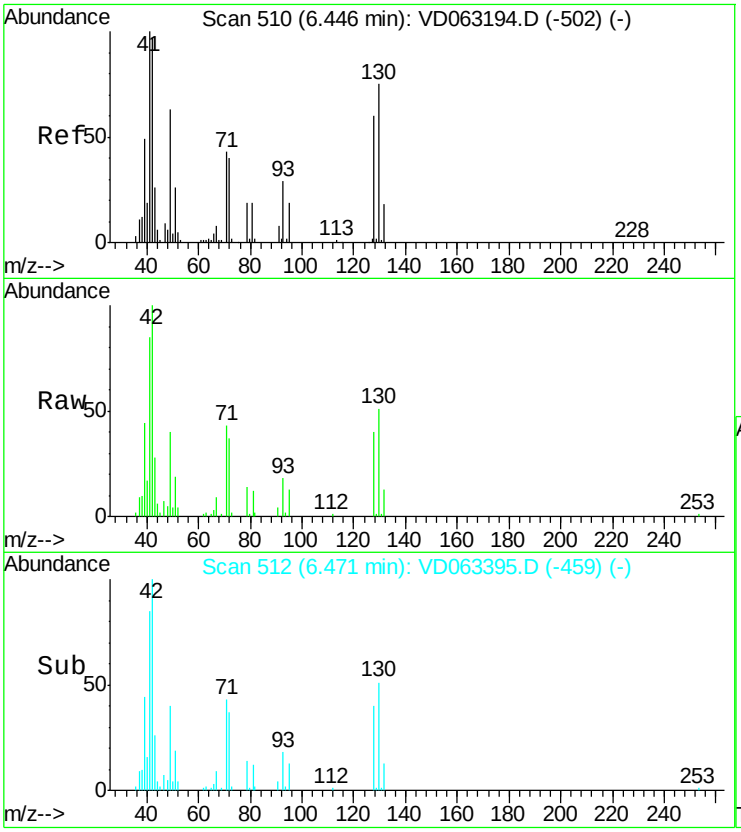




#28
Bromochloromethane
Concen: 20.528 ug/l
RT: 6.44 min Scan# 509
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 49 Resp: 145505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.6 | 0.0 | 0.0# |
| 130 | 87.7 | 75.7 | 113.5 |



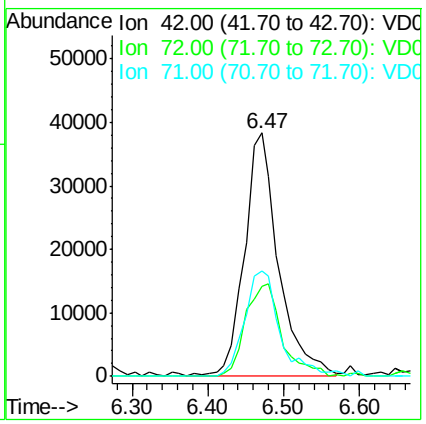


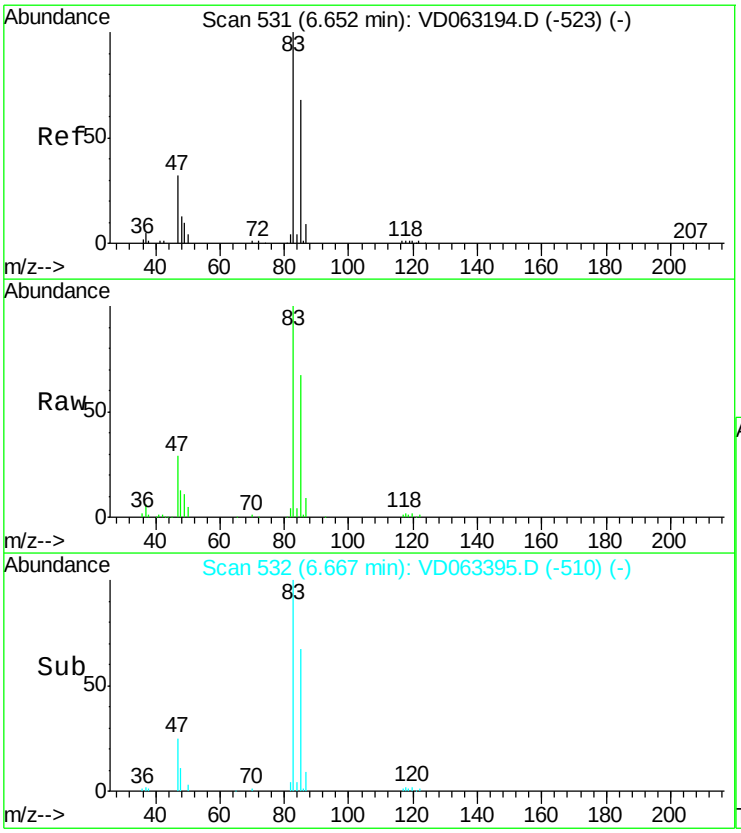

#29
Tetrahydrofuran
Concen: 103.890 ug/l
RT: 6.47 min Scan# 512
Delta R.T. 0.03 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 42 Resp: 120399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 40.3 | 33.4 | 50.2 |
| 71 | 45.2 | 35.7 | 53.5 |

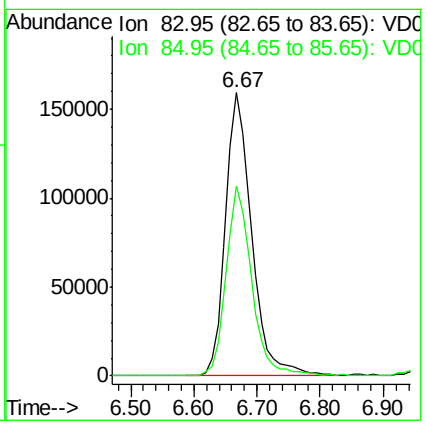


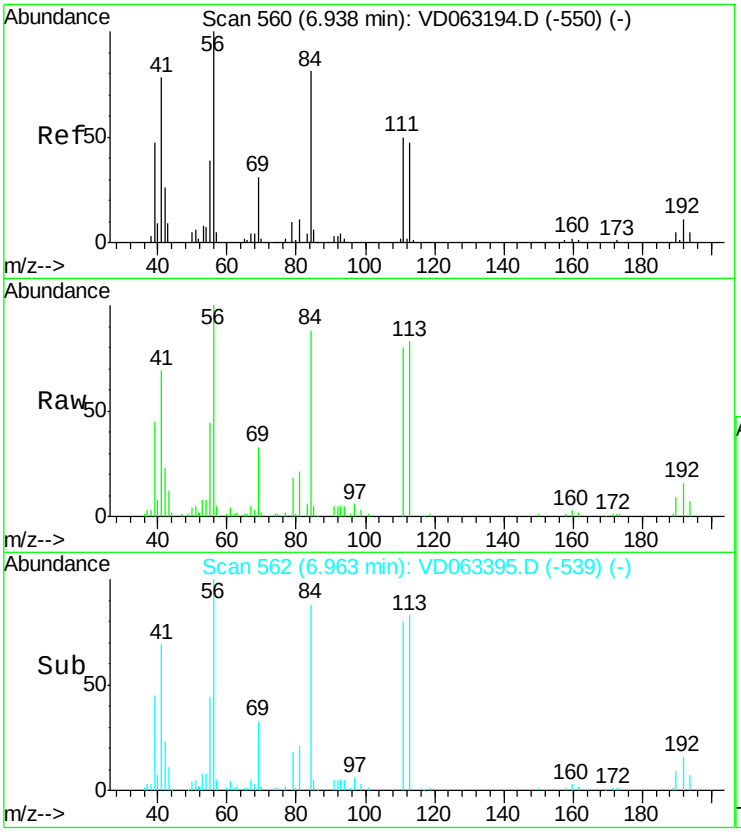




#30
Chloroform
Concen: 20.707 ug/l
RT: 6.67 min Scan# 532
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 83 Resp: 457152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.3 | 54.2 | 81.4 |



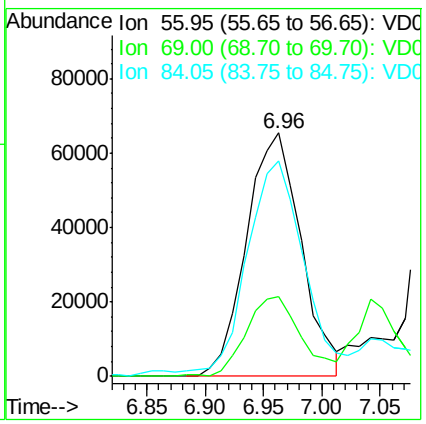


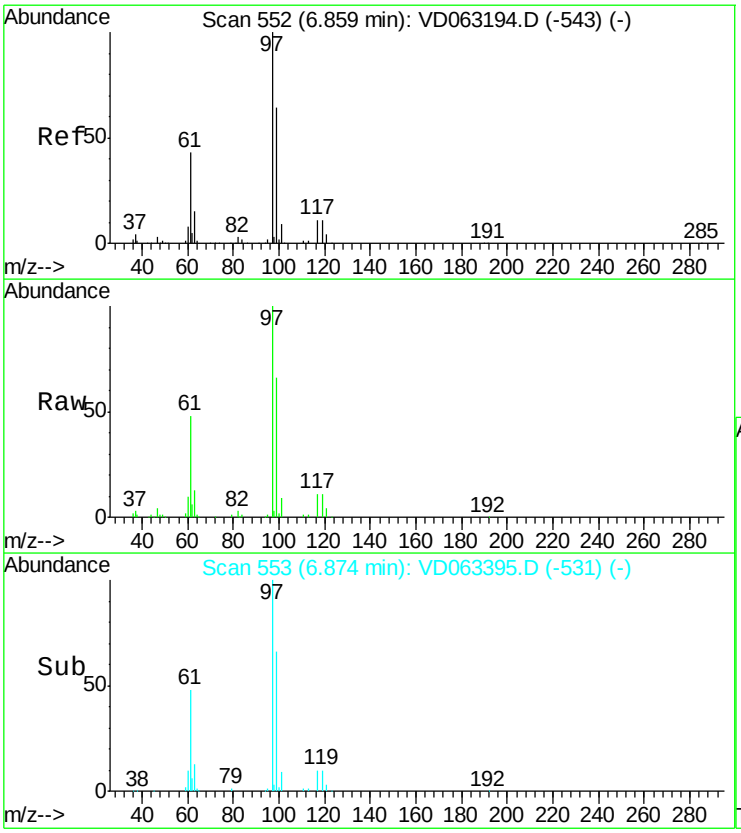

#31
Cyclohexane
Concen: 18.992 ug/l
RT: 6.96 min Scan# 562
Delta R.T. 0.03 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion: 56 Resp: 211780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.9 | 24.5 | 36.7 |
| 84 | 88.3 | 64.9 | 97.3 |

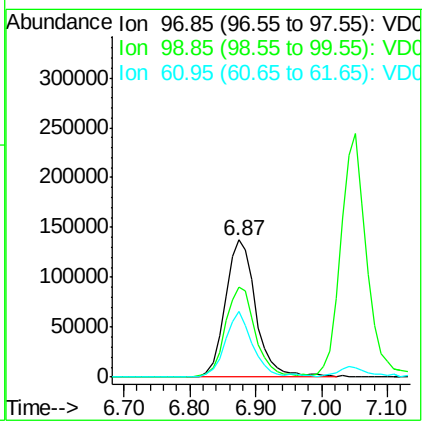


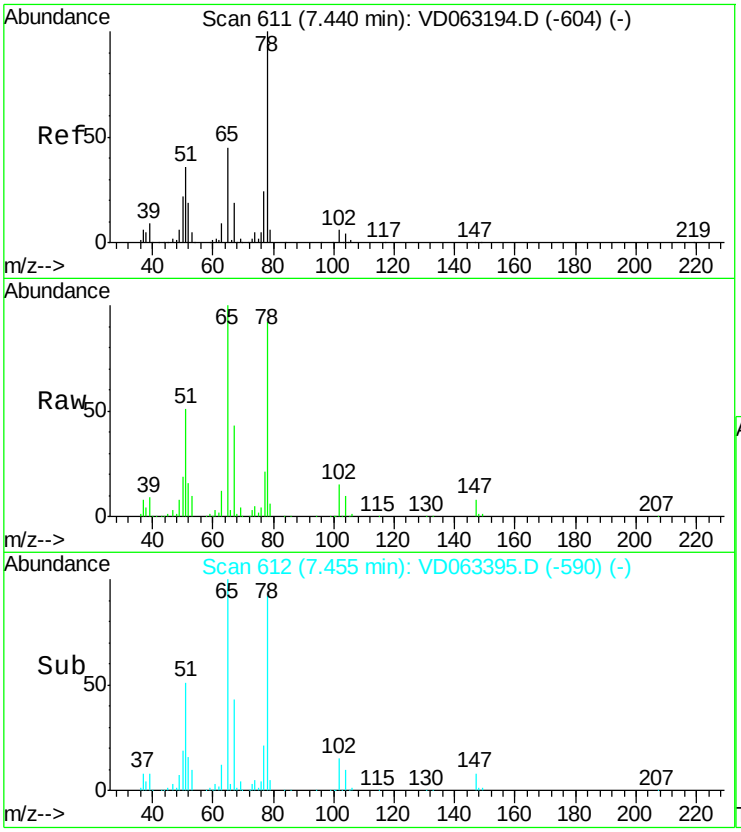




#32
1,1,1-Trichloroethane
Concen: 20.926 ug/l
RT: 6.87 min Scan# 553
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 97 Resp: 446875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 66.1 | 51.2 | 76.8 |
| 61 | 48.3 | 34.2 | 51.2 |



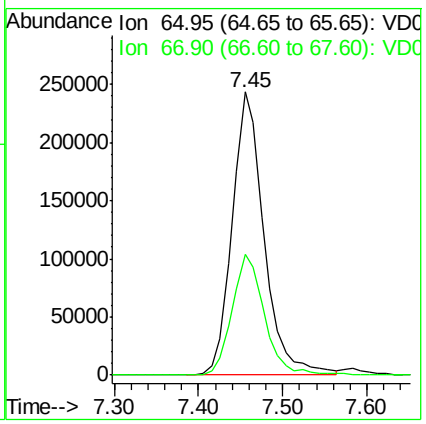


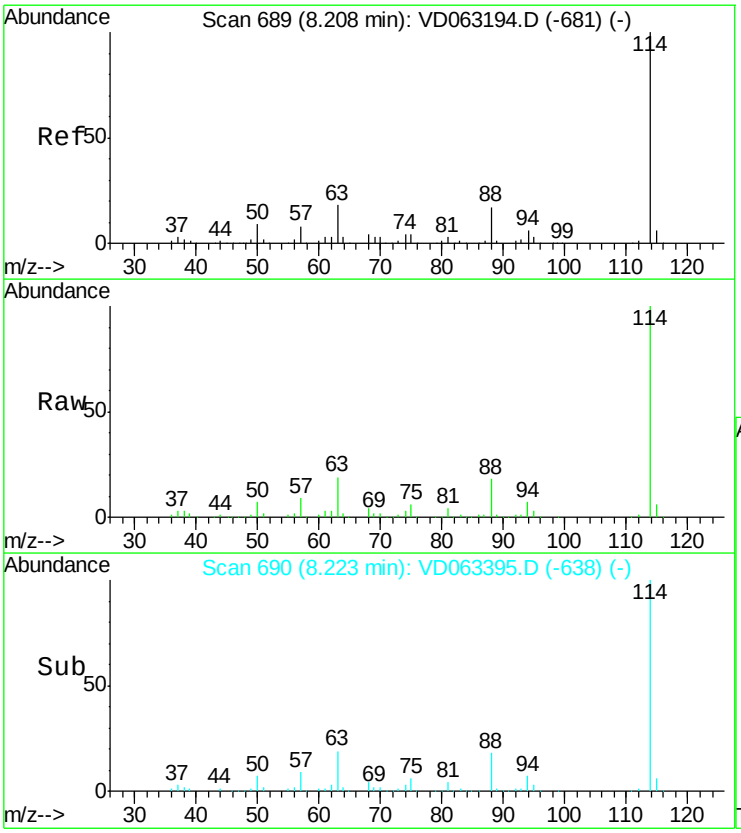

#33
1,2-Dichloroethane-d4
Concen: 51.052 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 65 Resp: 639081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 42.7 | 0.0 | 85.8 |

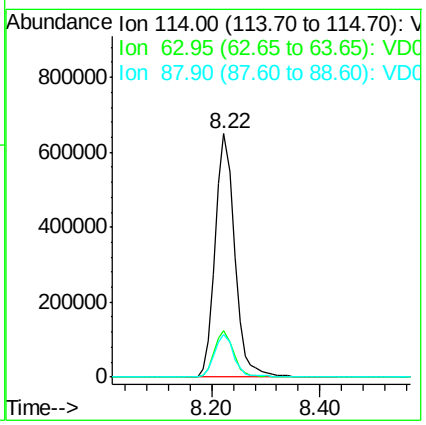


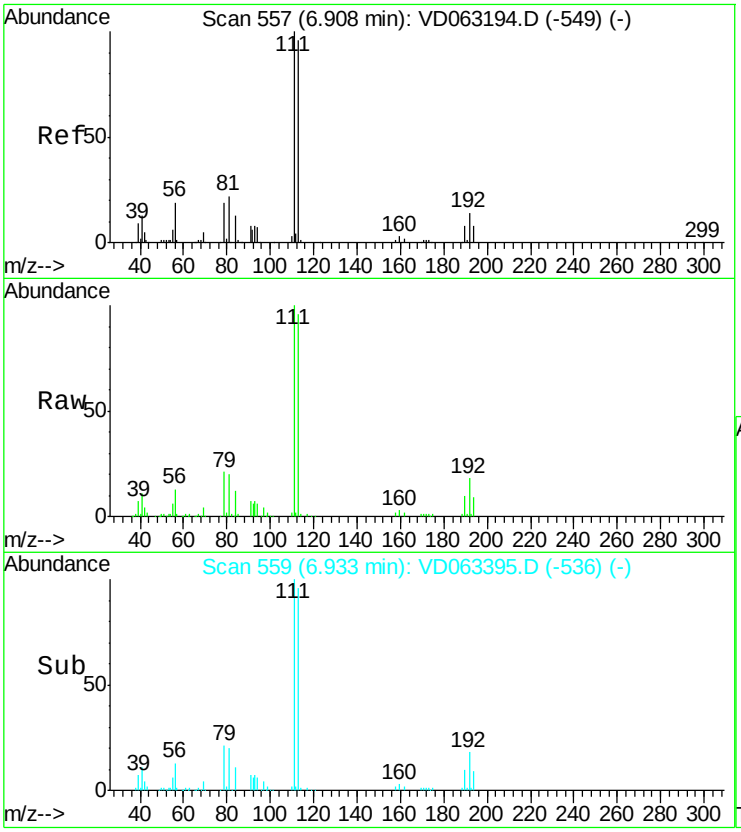




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion:114 Resp: 1626373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.4 | 0.0 | 35.2 |
| 88 | 17.6 | 0.0 | 34.6 |



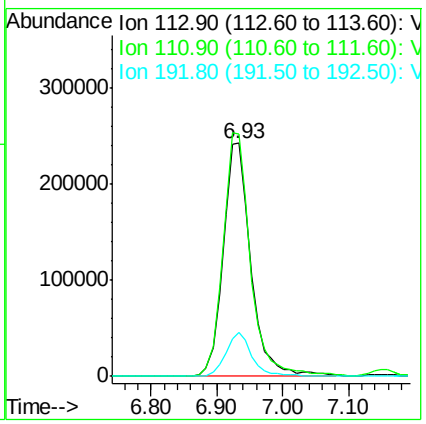


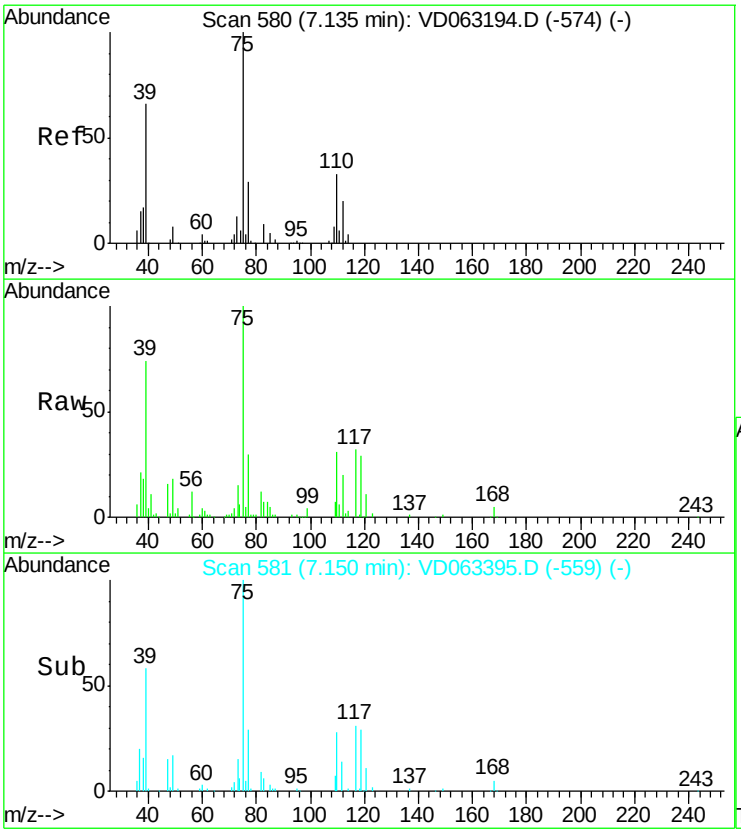

#35
Dibromofluoromethane
Concen: 51.491 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.03 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion:113 Resp: 714992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.1 | 83.2 | 124.8 |
| 192 | 18.9 | 11.8 | 17.8# |

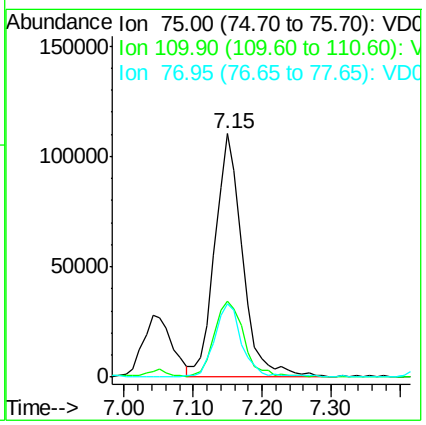


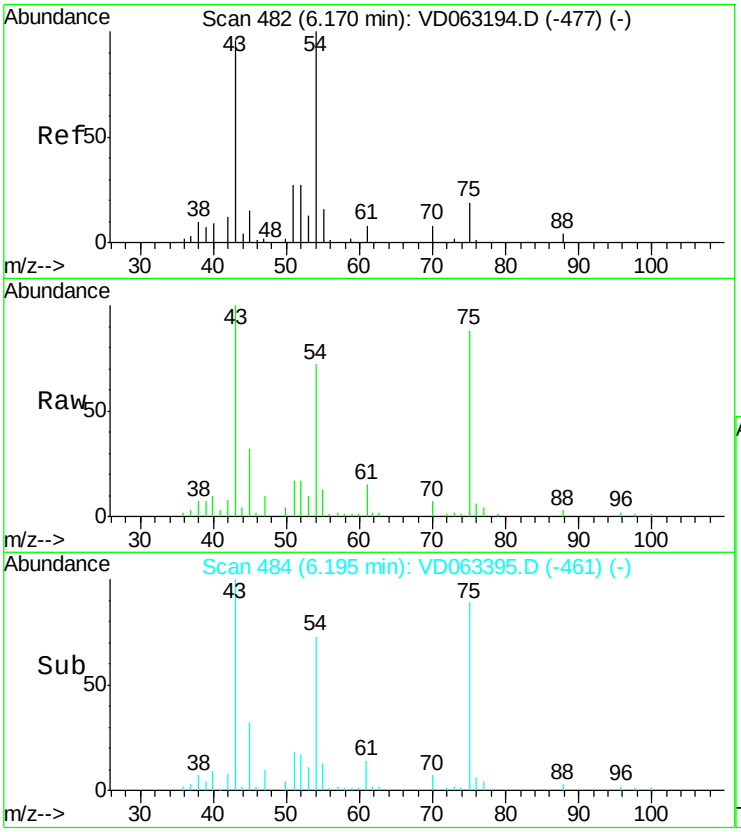




#36
1,1-Dichloropropene
Concen: 20.539 ug/l
RT: 7.15 min Scan# 581
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 75 Resp: 304849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 31.2 | 16.1 | 48.2 |
| 77 | 29.9 | 22.7 | 34.1 |



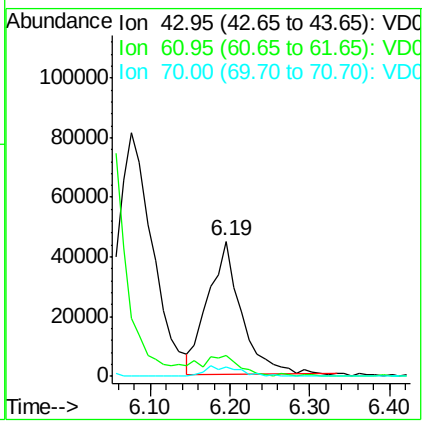


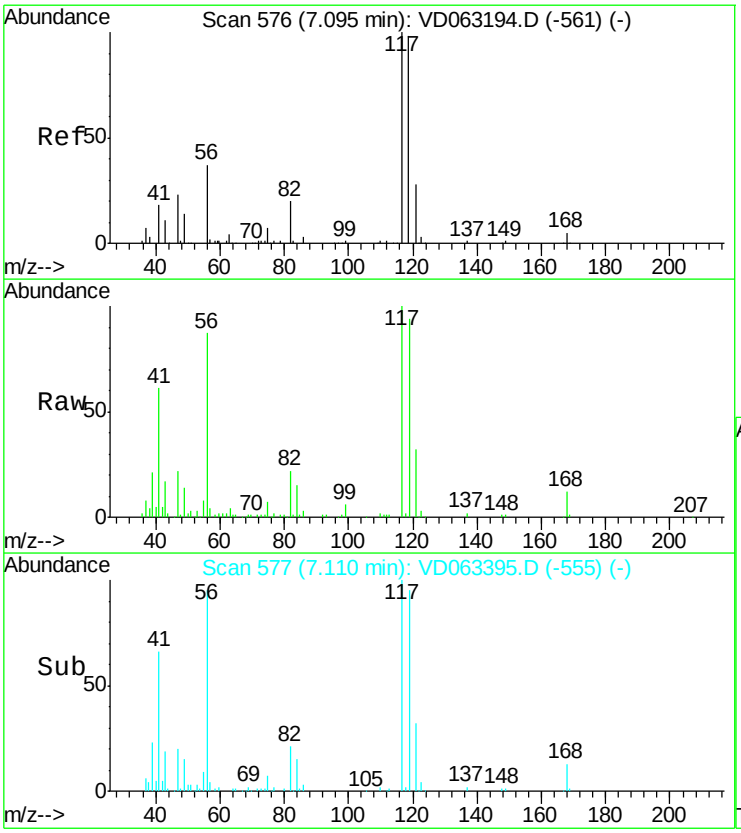

#37
Ethyl Acetate
Concen: 19.579 ug/l
RT: 6.19 min Scan# 484
Delta R.T. 0.03 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 43 Resp: 130556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.2 | 11.3 | 16.9 |
| 70 | 6.9 | 5.1 | 7.7 |

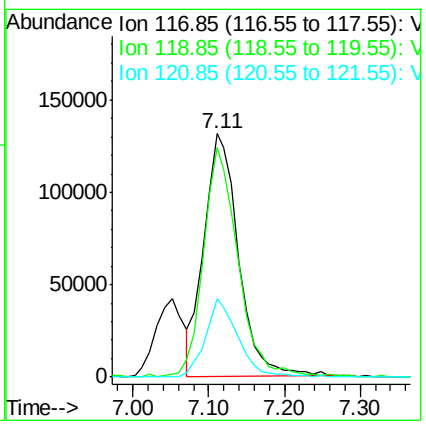


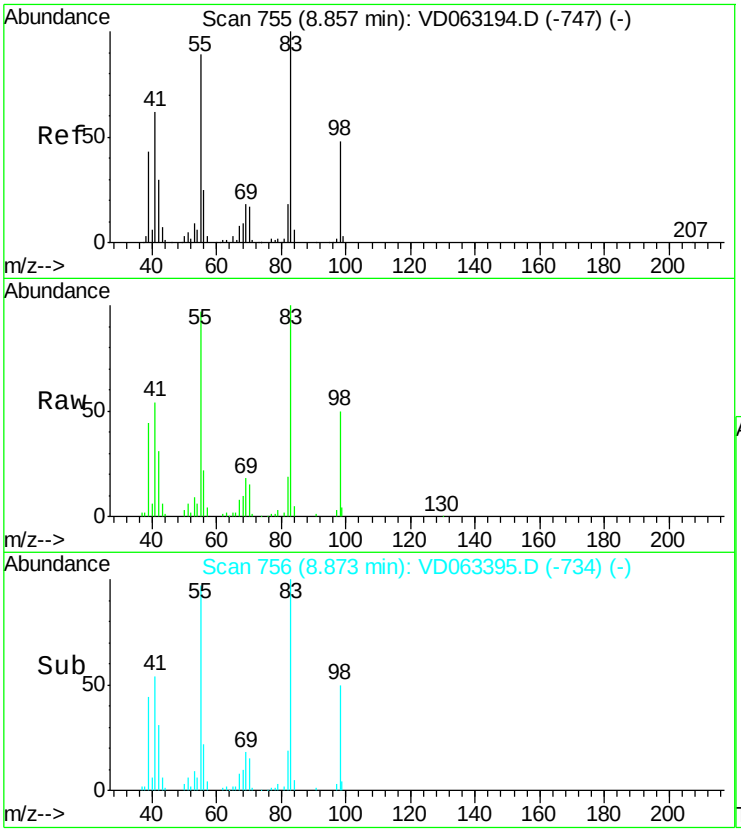




#38
Carbon Tetrachloride
Concen: 18.660 ug/l
RT: 7.11 min Scan# 577
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion:117 Resp: 416956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.2 | 78.2 | 117.2 |
| 121 | 32.4 | 22.1 | 33.1 |



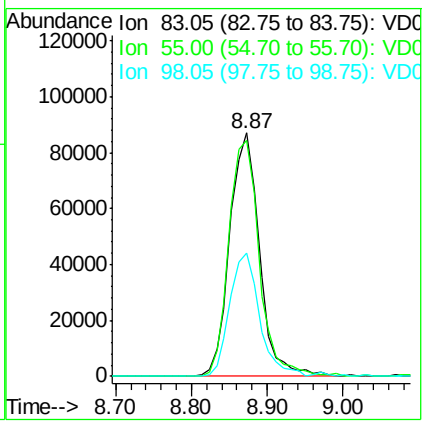


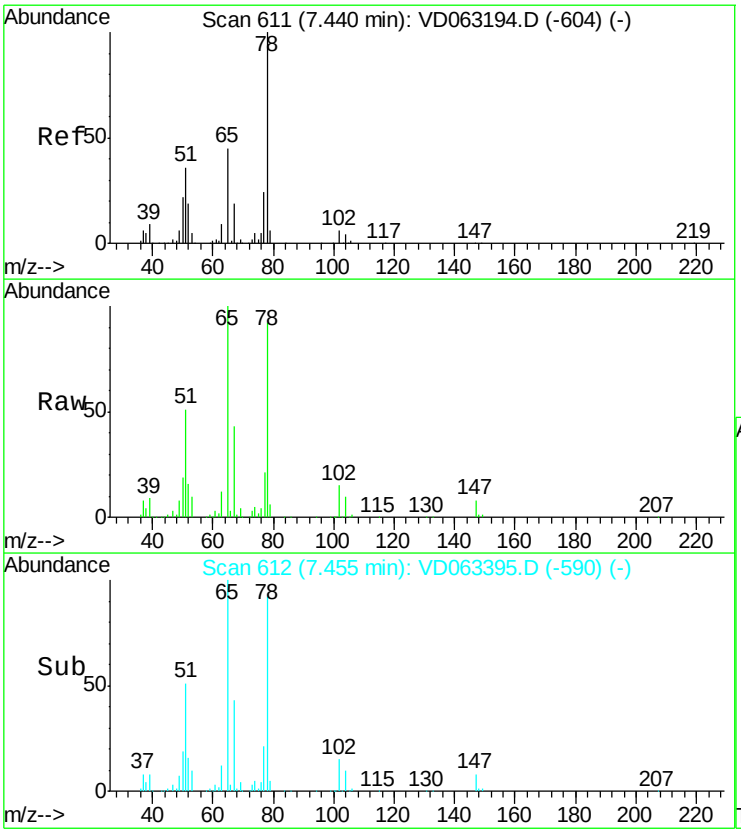

#39
Methylcyclohexane
Concen: 19.061 ug/l
RT: 8.87 min Scan# 756
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 83 Resp: 235714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 96.7 | 71.1 | 106.7 |
| 98 | 50.4 | 38.5 | 57.7 |

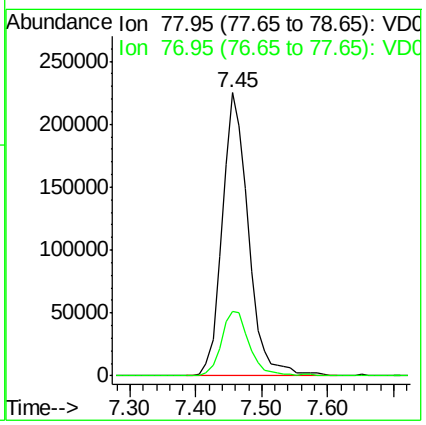


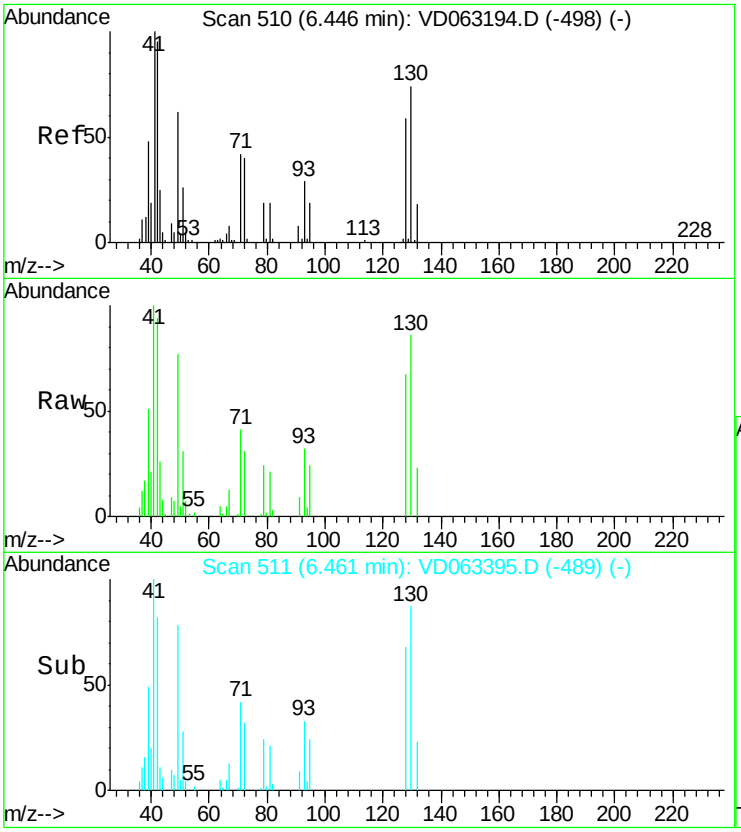




#40
Benzene
Concen: 20.110 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 78 Resp: 625561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.8 | 19.4 | 29.2 |



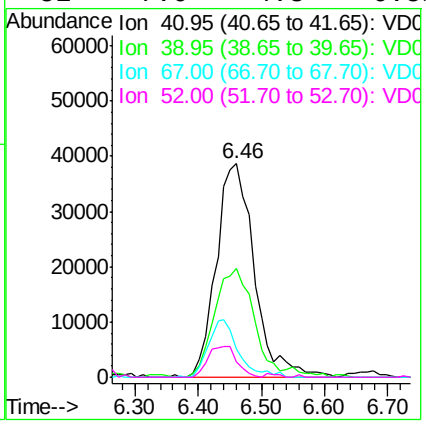


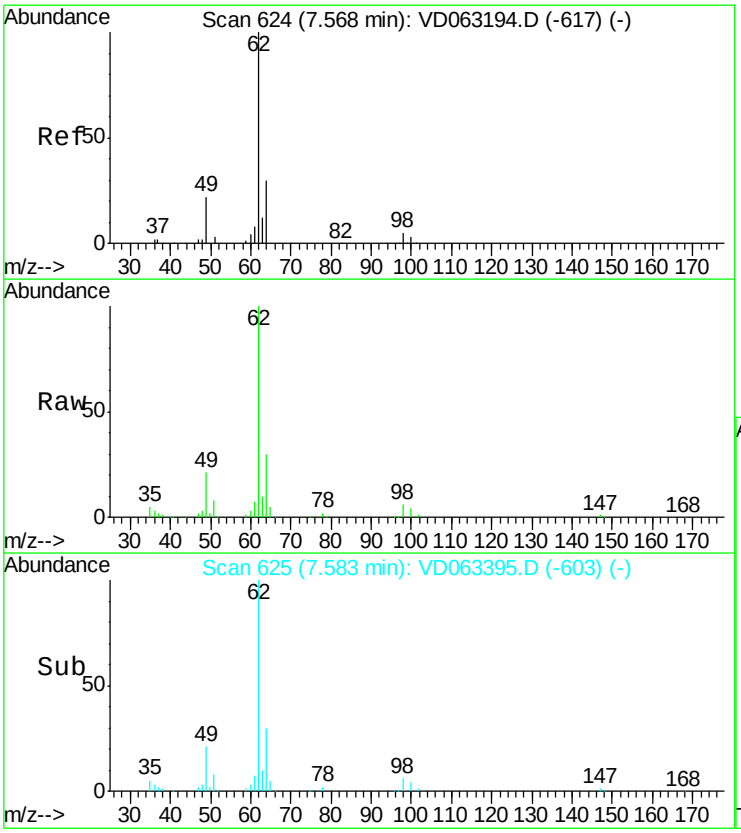

#41
Methacrylonitrile
Concen: 20.168 ug/l
RT: 6.46 min Scan# 511
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 41 Resp: 160867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 51.1 | 38.4 | 57.6 |
| 67 | 13.0 | 6.7 | 10.1# |
| 52 | 7.0 | 4.3 | 6.5# |

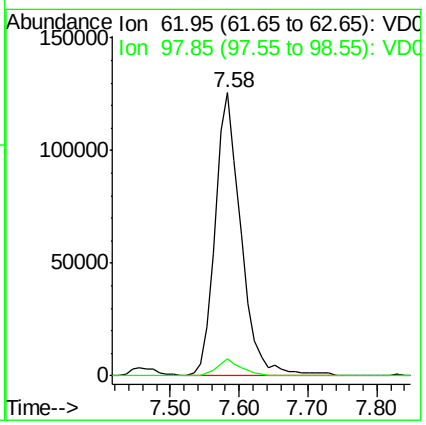


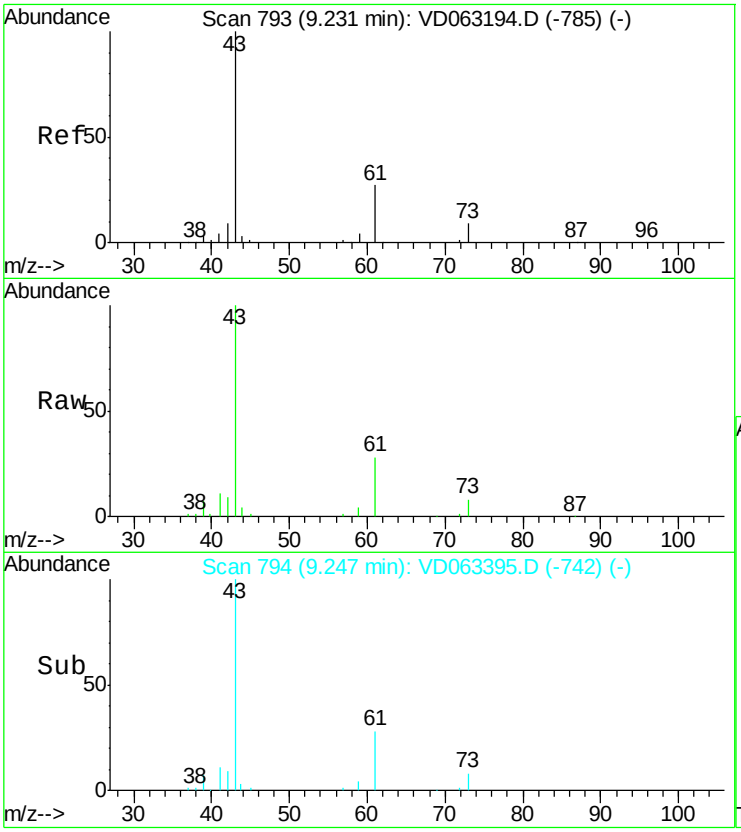




#42
1,2-Dichloroethane
Concen: 19.856 ug/l
RT: 7.58 min Scan# 625
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 62 Resp: 327349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 6.2 | 0.0 | 9.8 |



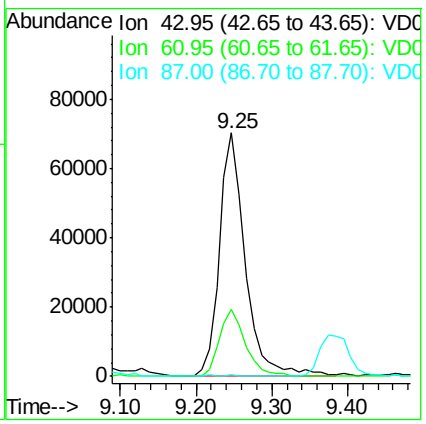


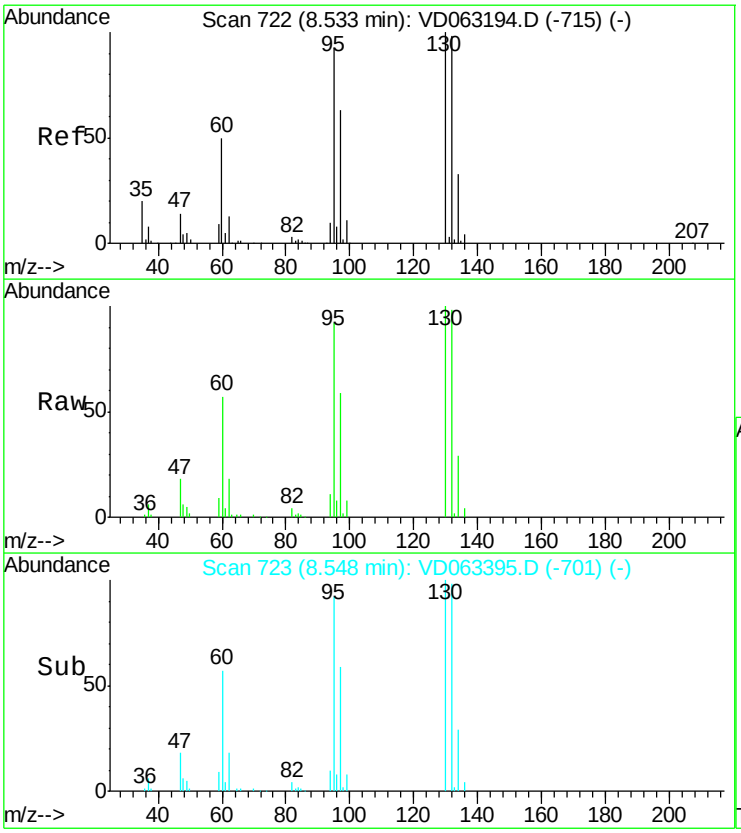

#43
Isopropyl Acetate
Concen: 19.537 ug/l
RT: 9.25 min Scan# 794
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 43 Resp: 166419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 27.7 | 21.4 | 32.0 |
| 87 | 0.4 | 0.2 | 0.4# |

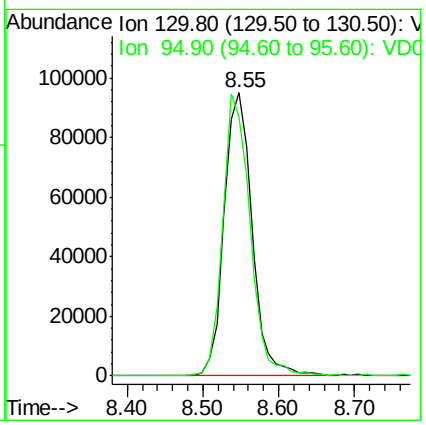


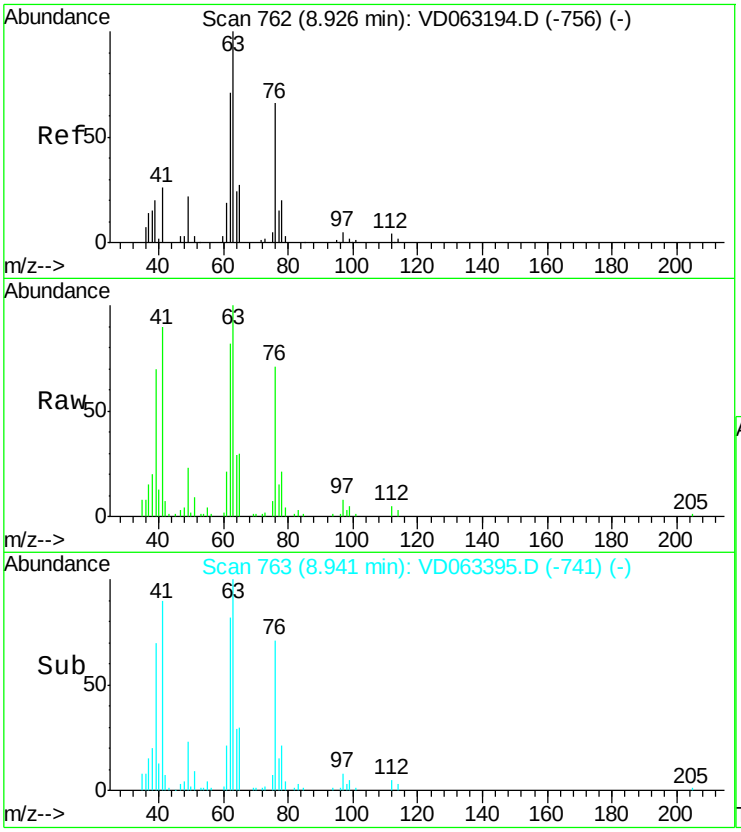




#44
Trichloroethene
Concen: 19.220 ug/l
RT: 8.55 min Scan# 723
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion:130 Resp: 242265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 91.7 | 0.0 | 185.4 |



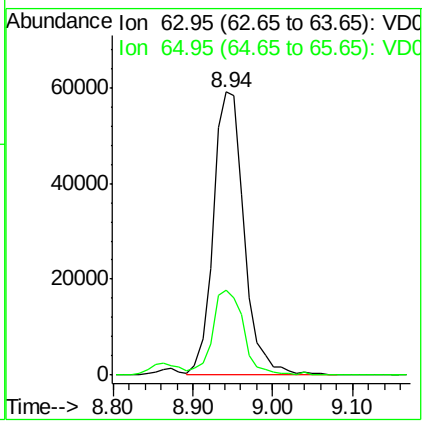


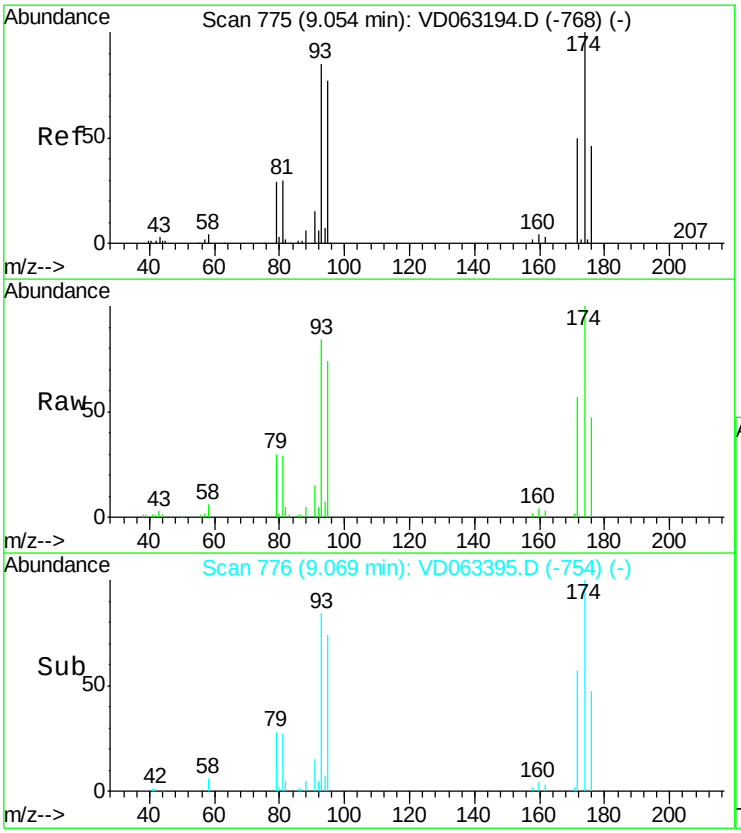

#45
1,2-Dichloropropane
Concen: 20.300 ug/l
RT: 8.94 min Scan# 763
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 63 Resp: 160511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.1 | 23.6 | 35.4 |

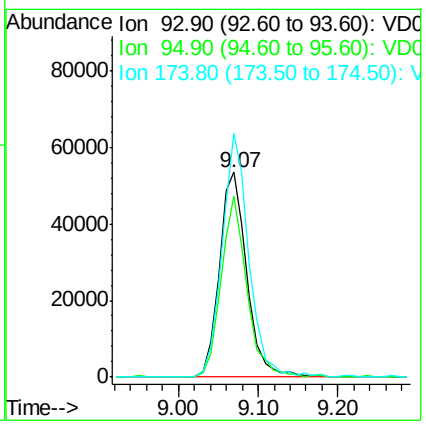


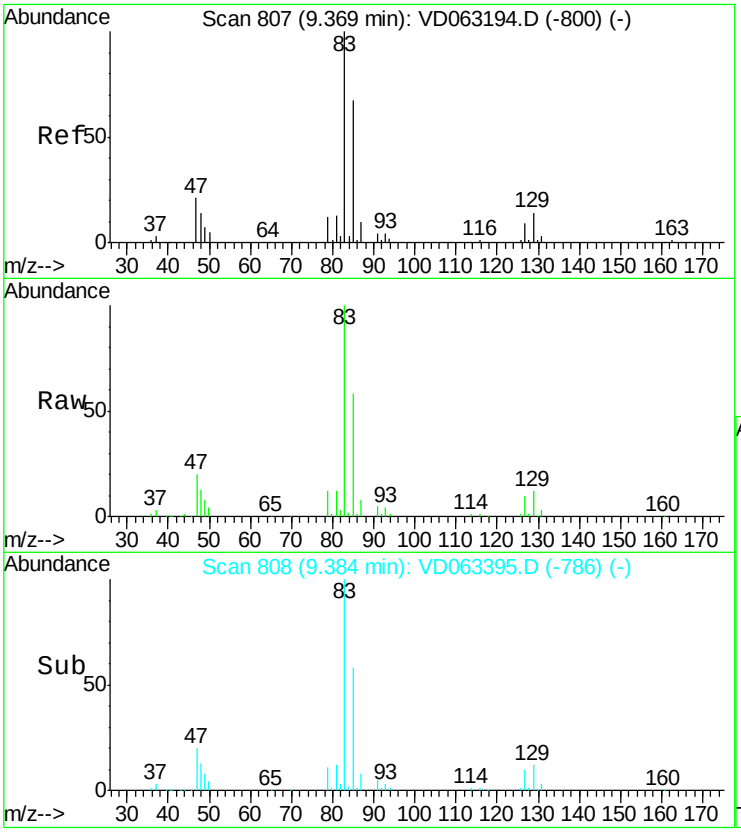




#46
Dibromomethane
Concen: 19.615 ug/l
RT: 9.07 min Scan# 776
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 93 Resp: 128958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 88.1 | 72.8 | 109.2 |
| 174 | 118.9 | 94.4 | 141.6 |



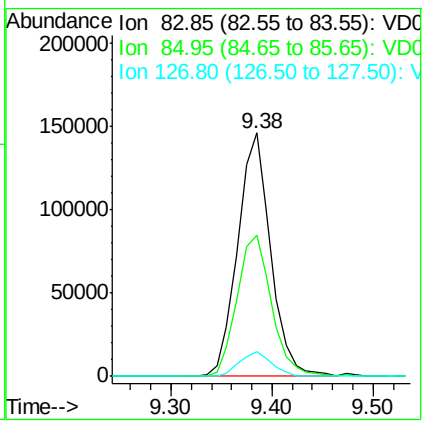


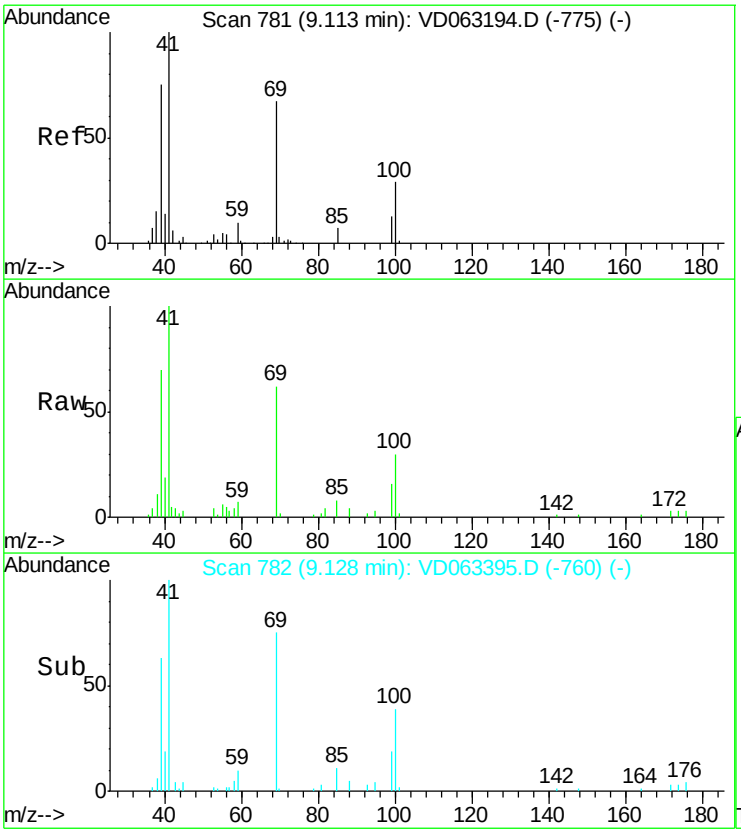

#47
Bromodichloromethane
Concen: 19.861 ug/l
RT: 9.38 min Scan# 808
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 83 Resp: 332841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 58.1 | 53.6 | 80.4 |
| 127 | 10.2 | 7.2 | 10.8 |

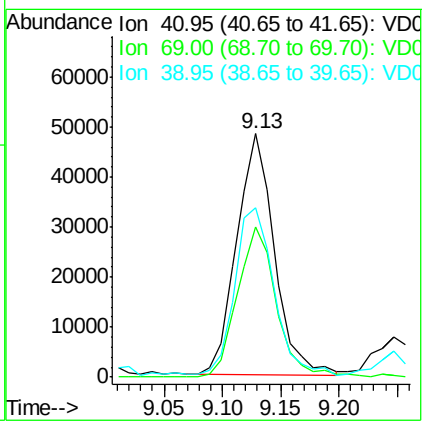


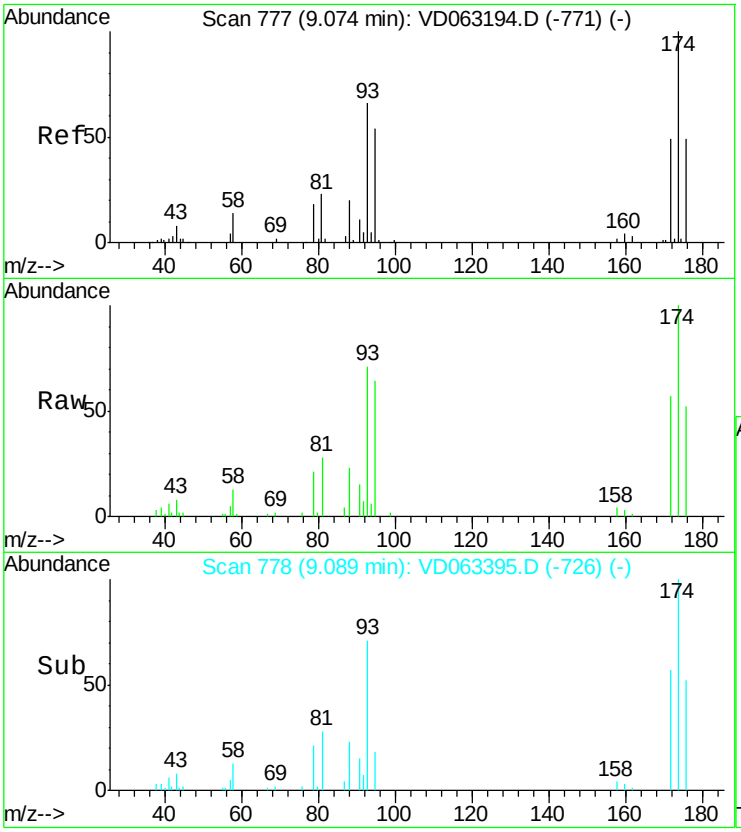




#48
Methyl methacrylate
Concen: 19.607 ug/l
RT: 9.13 min Scan# 782
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 41 Resp: 108319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 61.8 | 53.4 | 80.0 |
| 39 | 69.7 | 60.3 | 90.5 |



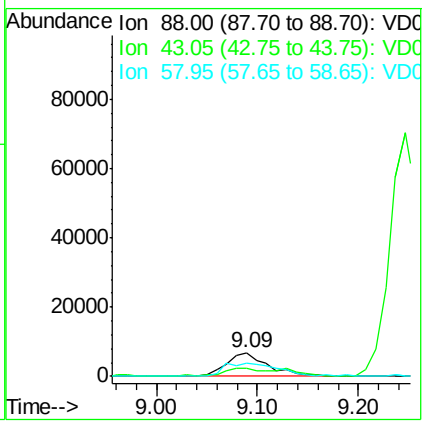


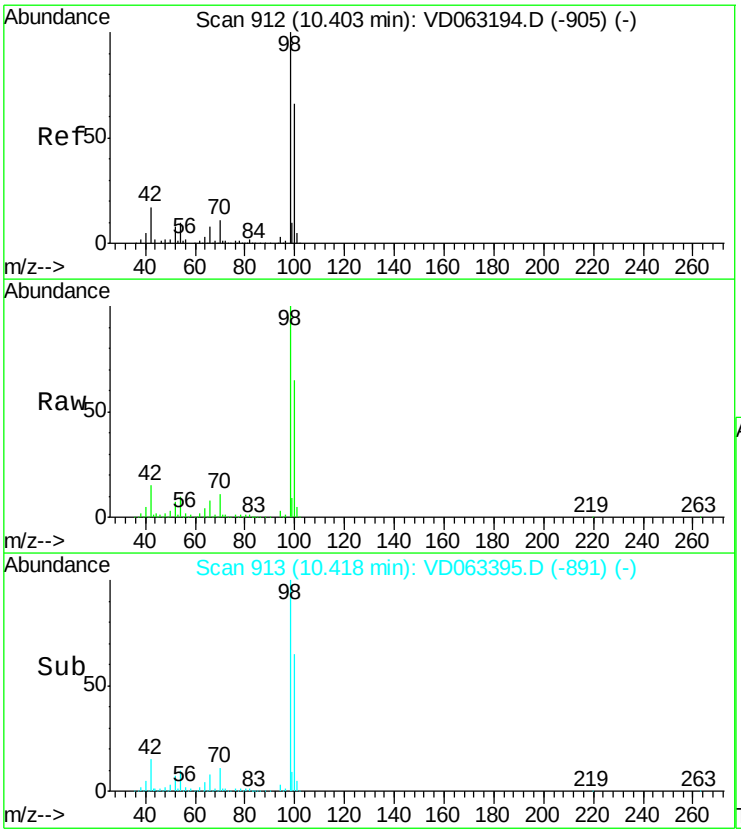

#49
1,4-Dioxane
Concen: 414.787 ug/l
RT: 9.09 min Scan# 778
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 88 Resp: 19524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 35.8 | 30.7 | 46.1 |
| 58 | 54.9 | 56.5 | 84.7# |

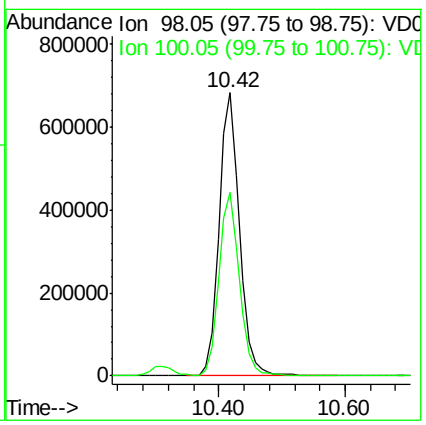


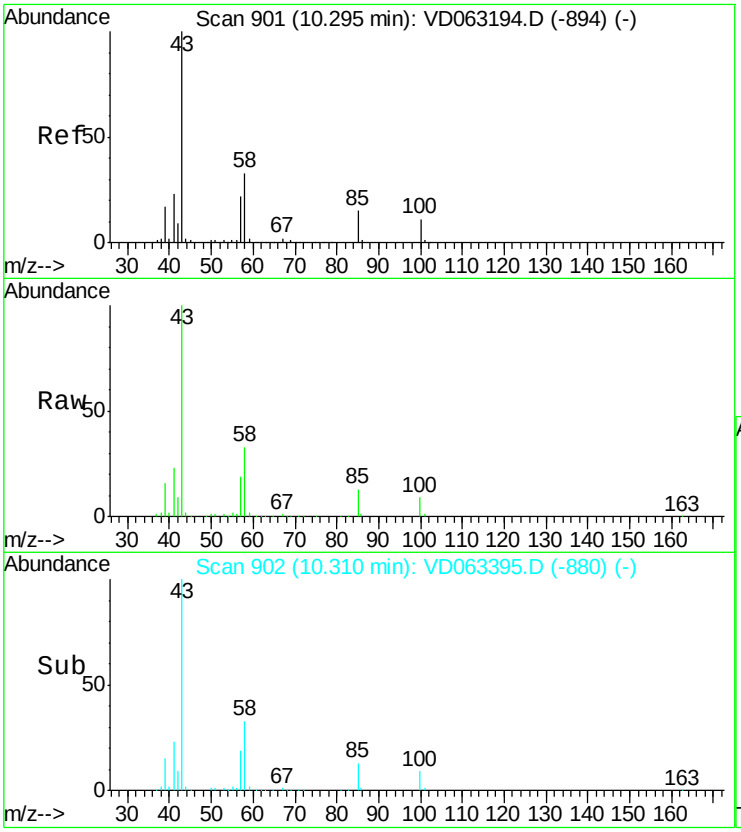




#50
Toluene-d8
Concen: 49.473 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 98 Resp: 1537432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.8 | 53.2 | 79.8 |



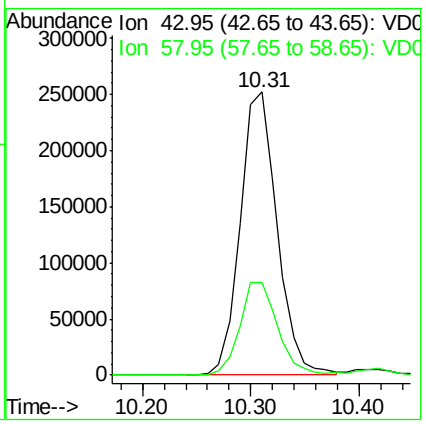


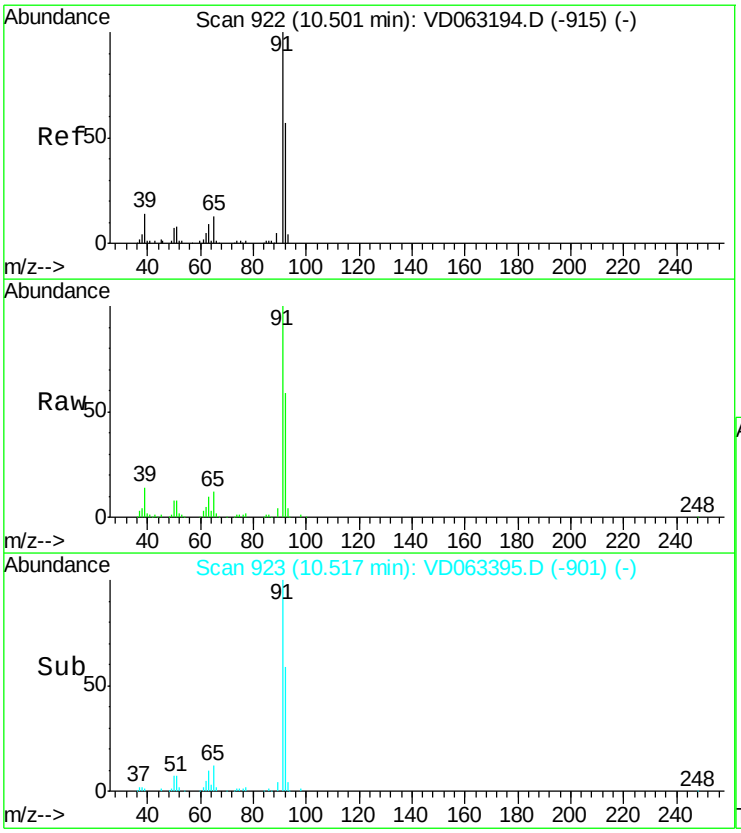

#51
4-Methyl-2-Pentanone
Concen: 102.930 ug/l
RT: 10.31 min Scan# 902
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion: 43 Resp: 596267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.7 | 26.2 | 39.2 |

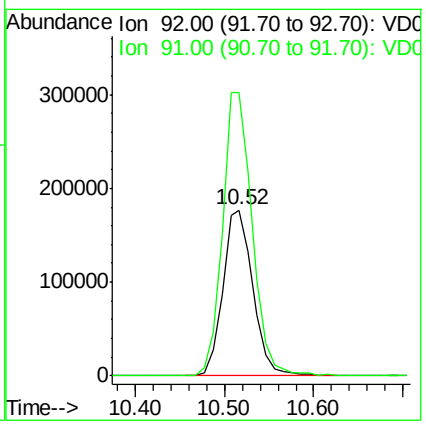


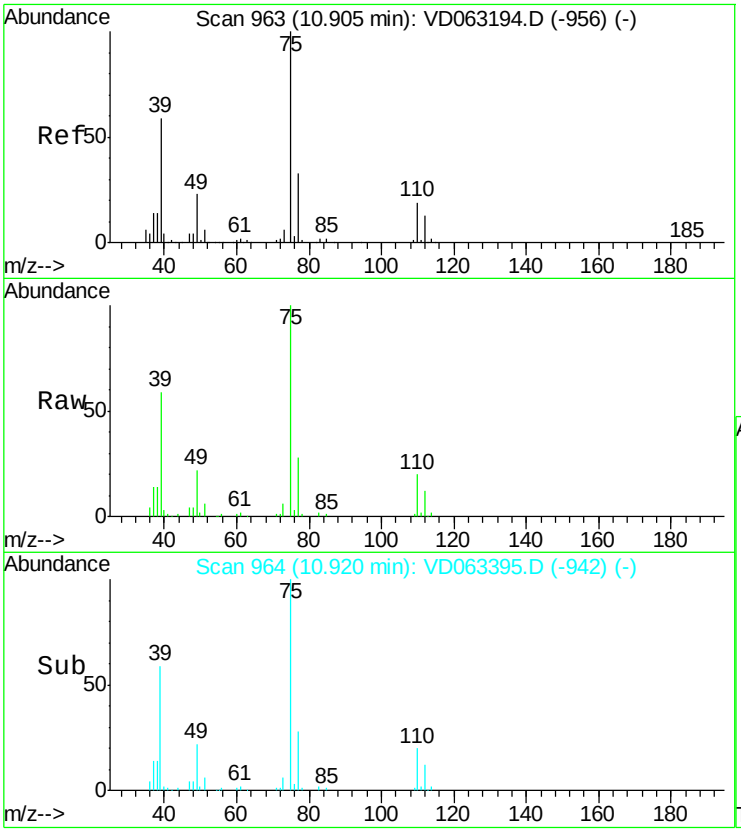




#52
Toluene
Concen: 20.190 ug/l
RT: 10.52 min Scan# 923
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 92 Resp: 417719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 170.3 | 140.8 | 211.2 |



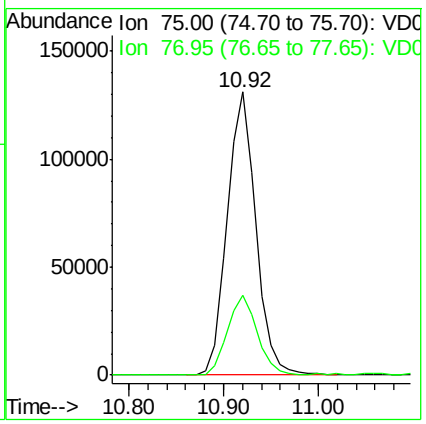


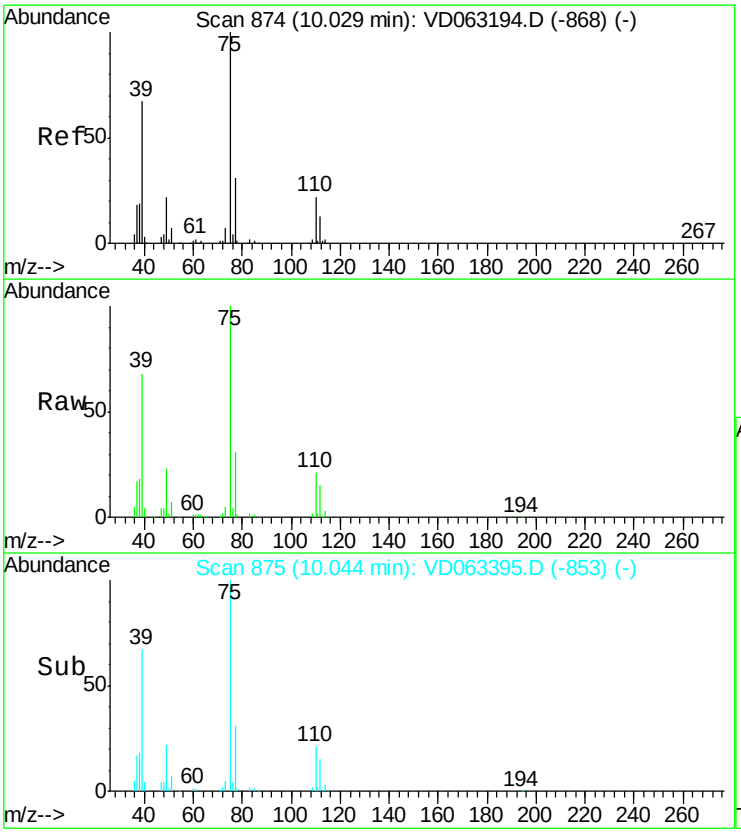

#53
t-1,3-Dichloropropene
Concen: 19.018 ug/l
RT: 10.92 min Scan# 964
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 75 Resp: 274776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 28.4 | 26.6 | 40.0 |

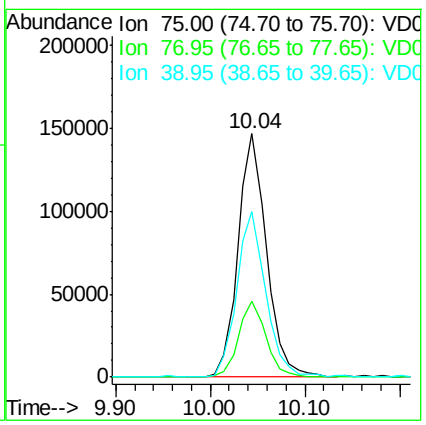


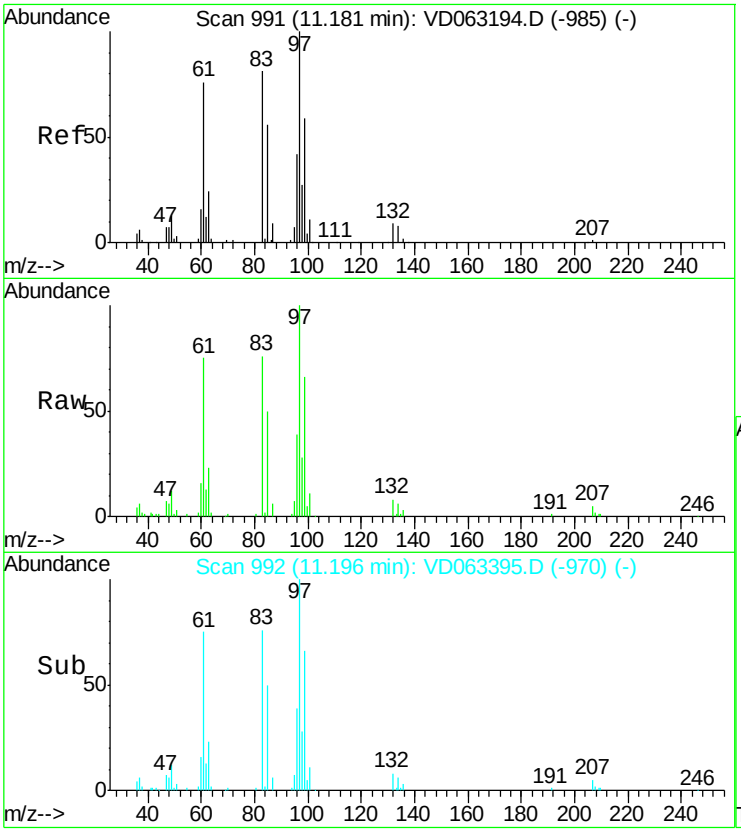




#54
cis-1,3-Dichloropropene
Concen: 20.087 ug/l
RT: 10.04 min Scan# 875
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 75 Resp: 305016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.1 | 24.9 | 37.3 |
| 39 | 67.8 | 53.9 | 80.9 |



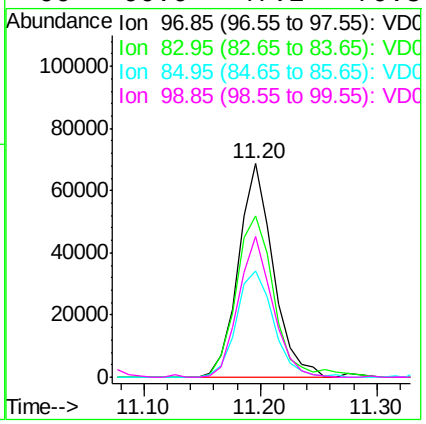


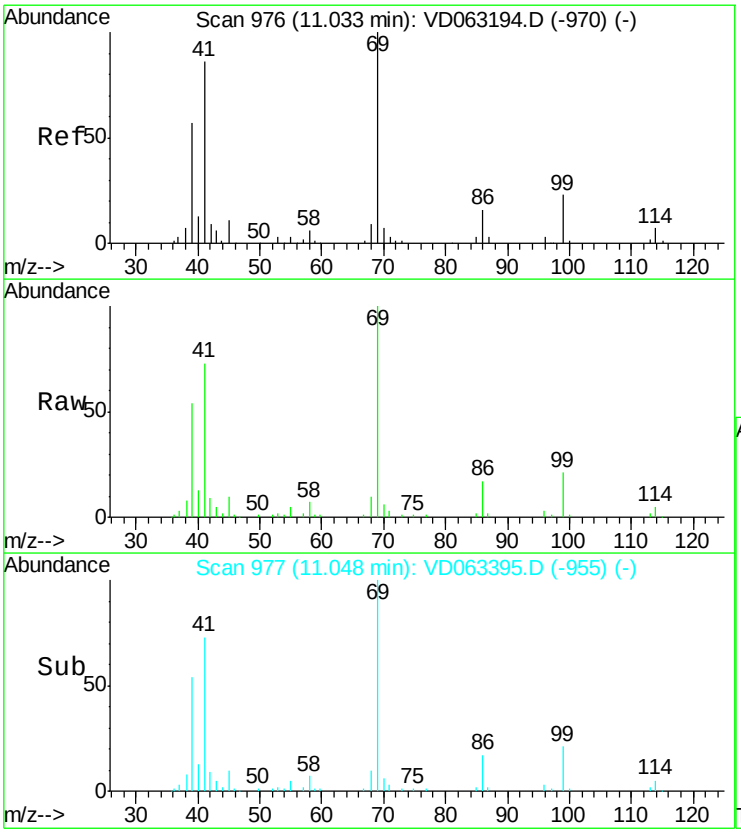

#55
1,1,2-Trichloroethane
Concen: 20.270 ug/l
RT: 11.20 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion: 97 Resp: 141637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 75.5 | 64.8 | 97.2 |
| 85 | 49.6 | 44.9 | 67.3 |
| 99 | 66.0 | 47.2 | 70.8 |

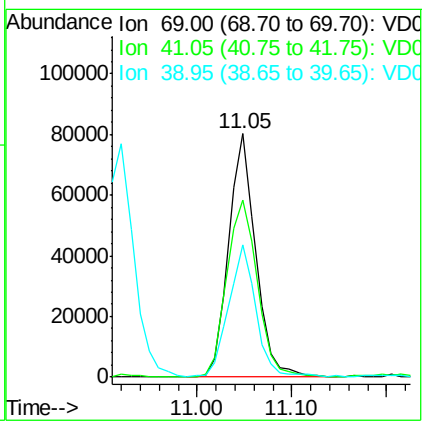


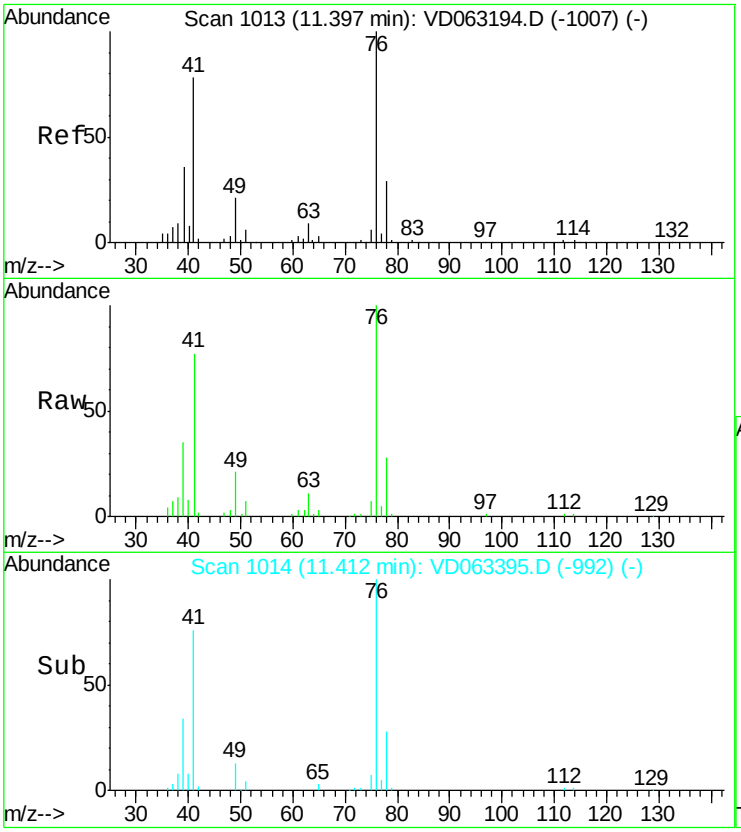




#56
Ethyl methacrylate
Concen: 20.757 ug/l
RT: 11.05 min Scan# 977
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 69 Resp: 158828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 72.7 | 68.8 | 103.2 |
| 39 | 54.4 | 45.8 | 68.8 |



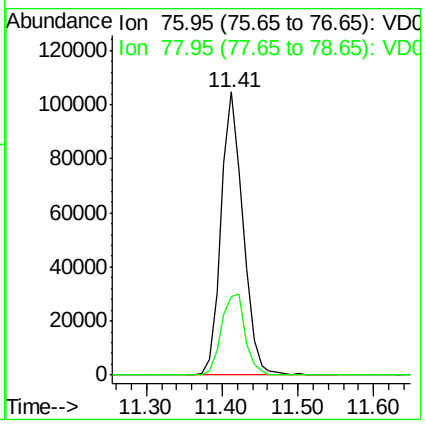


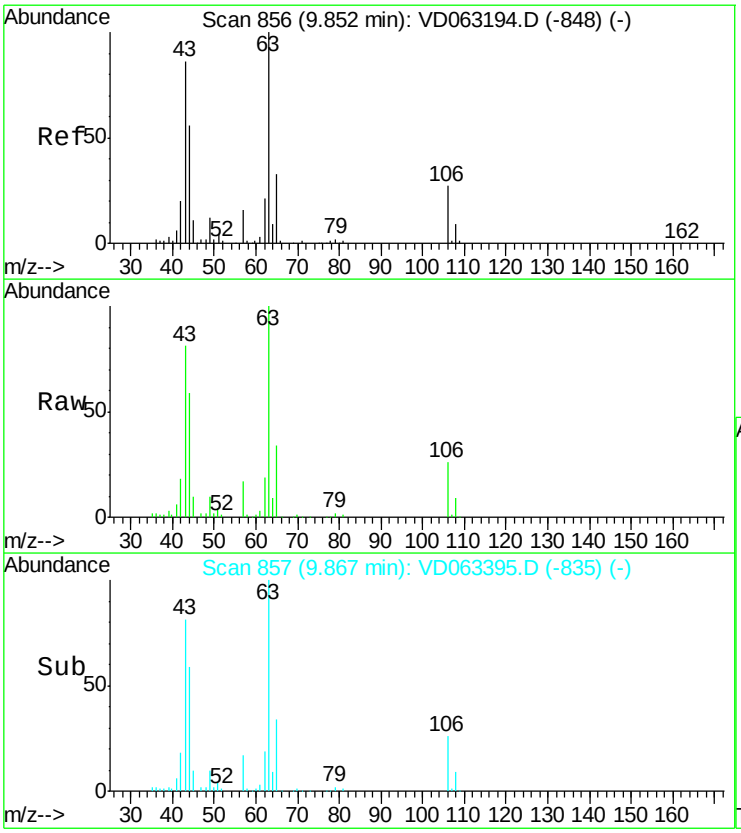

#57
1,3-Dichloropropane
Concen: 19.148 ug/l
RT: 11.41 min Scan# 1014
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 76 Resp: 210807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 27.6 | 23.4 | 35.0 |

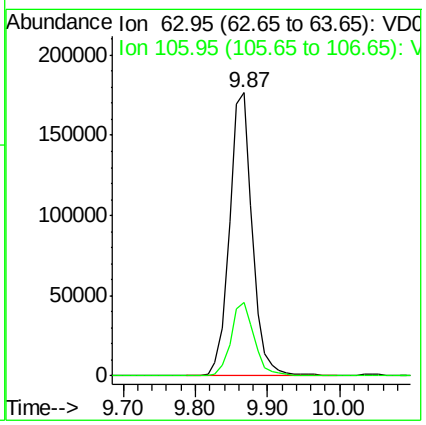


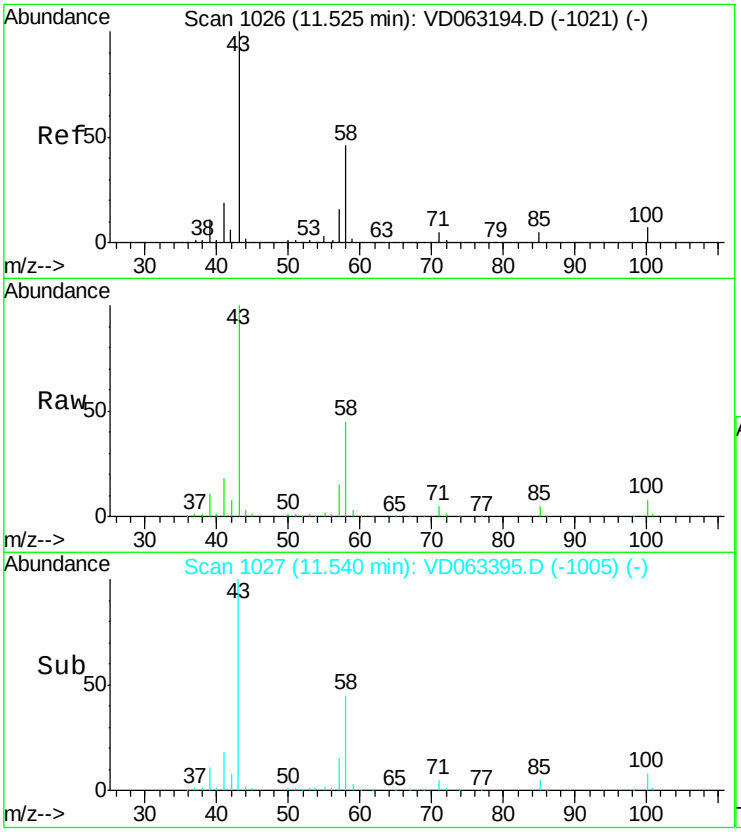




#58
2-Chloroethyl Vinyl ether
Concen: 97.677 ug/l
RT: 9.87 min Scan# 857
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 63 Resp: 388896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 25.8 | 22.0 | 33.0 |



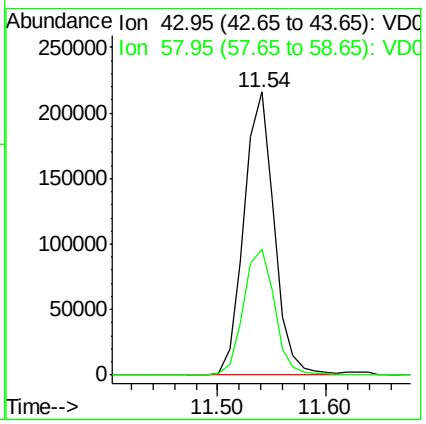


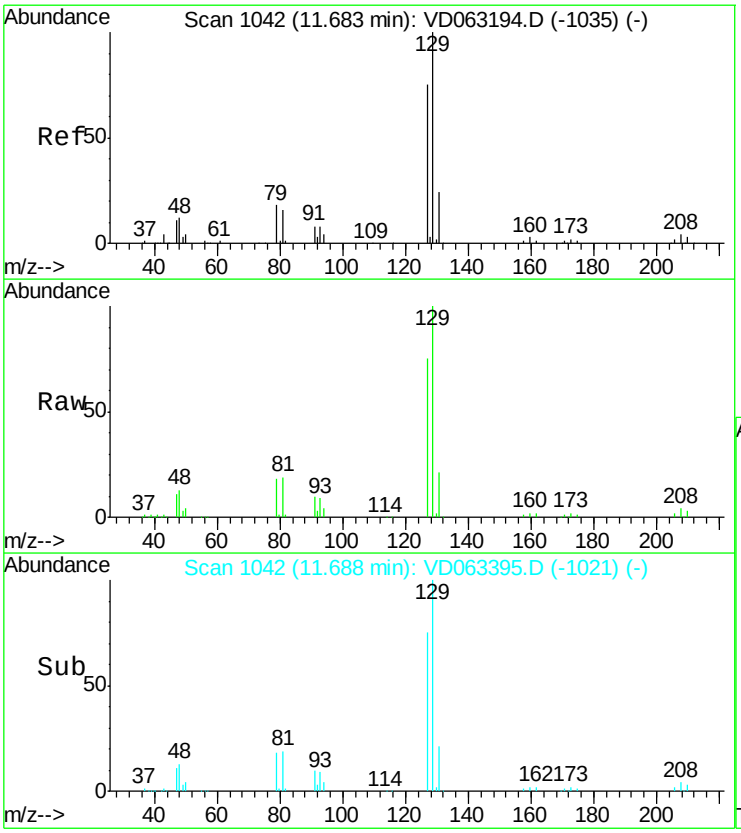

#59
2-Hexanone
Concen: 100.869 ug/l
RT: 11.54 min Scan# 1027
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion: 43 Resp: 421092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 44.7 | 22.9 | 68.5 |

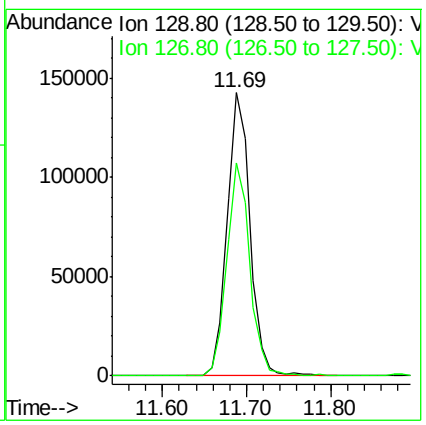


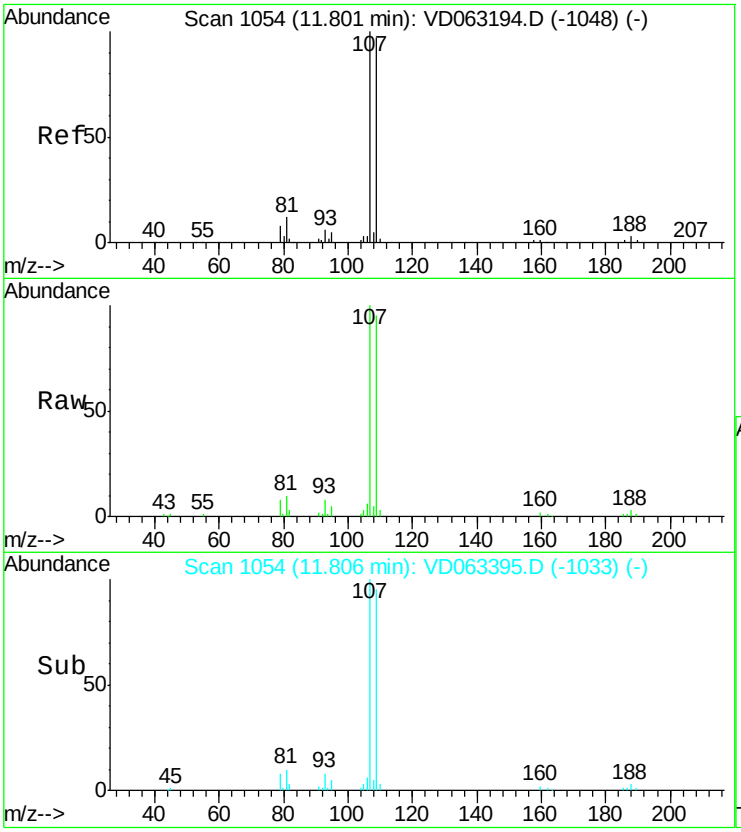




#60
Dibromochloromethane
Concen: 20.406 ug/l
RT: 11.69 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion:129 Resp: 269191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 75.4 | 37.6 | 112.8 |



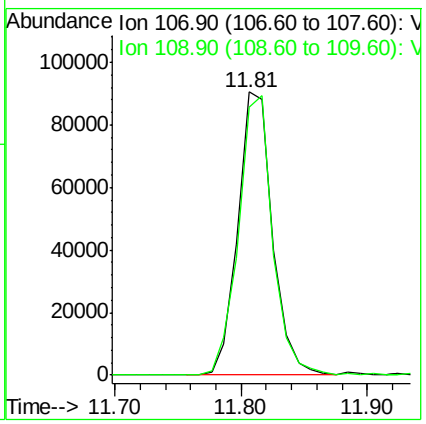


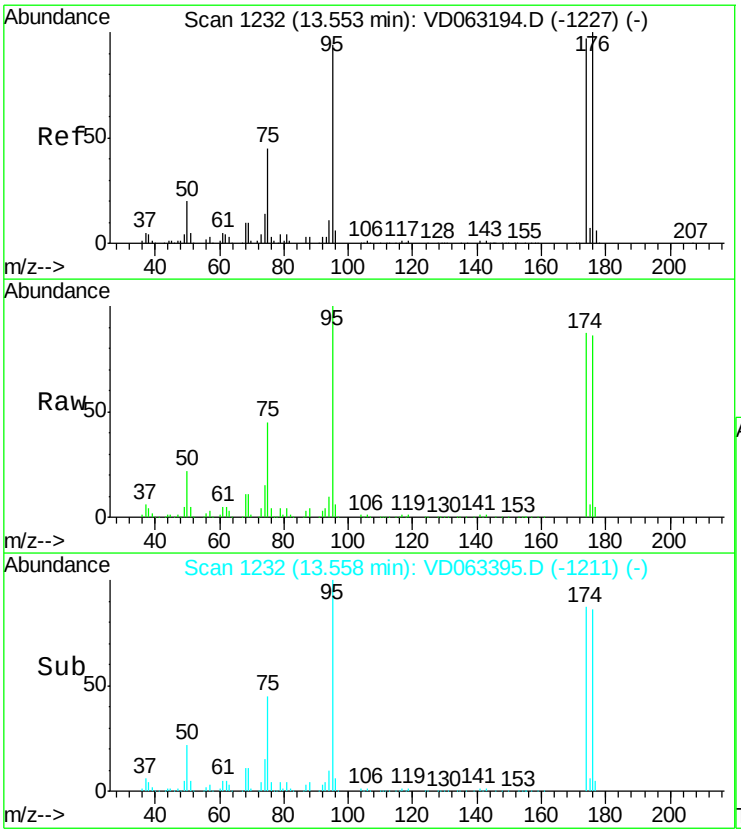

#61
1,2-Dibromoethane
Concen: 19.869 ug/l
RT: 11.81 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion:107 Resp: 171316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.6 | 77.5 | 116.3 |

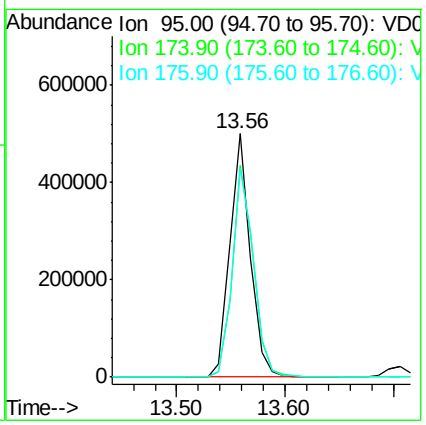


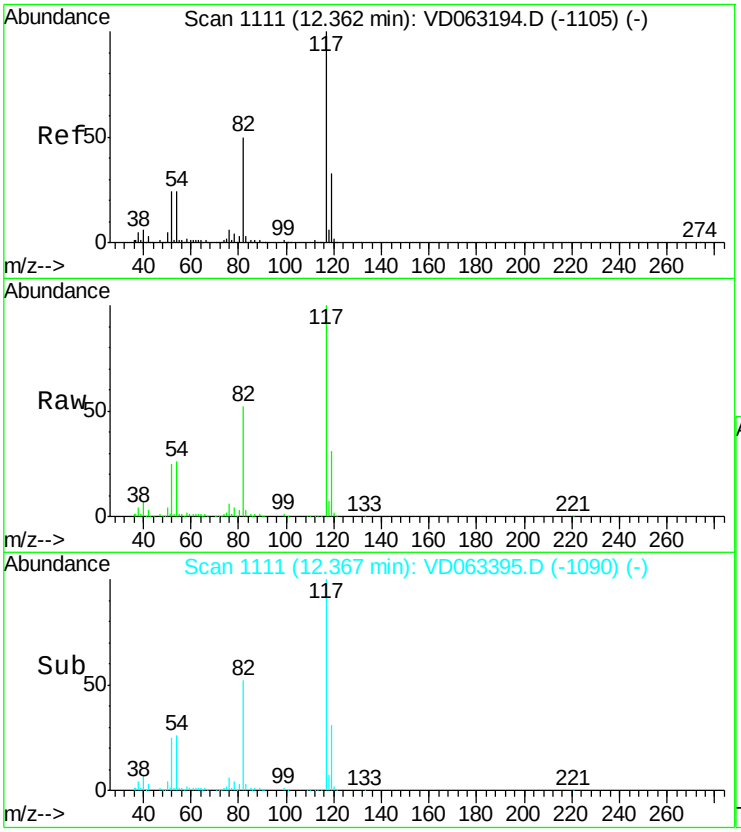




#62
4-Bromofluorobenzene
Concen: 46.542 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 95 Resp: 659098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 86.9 | 0.0 | 205.4 |
| 176 | 85.8 | 0.0 | 211.8 |



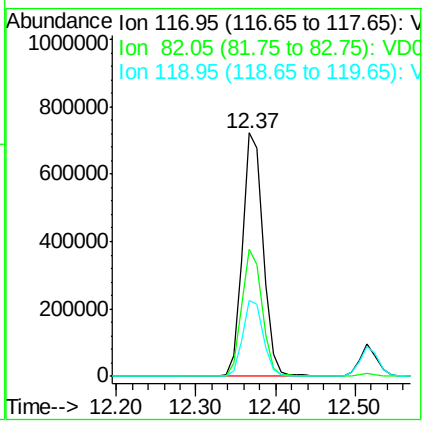


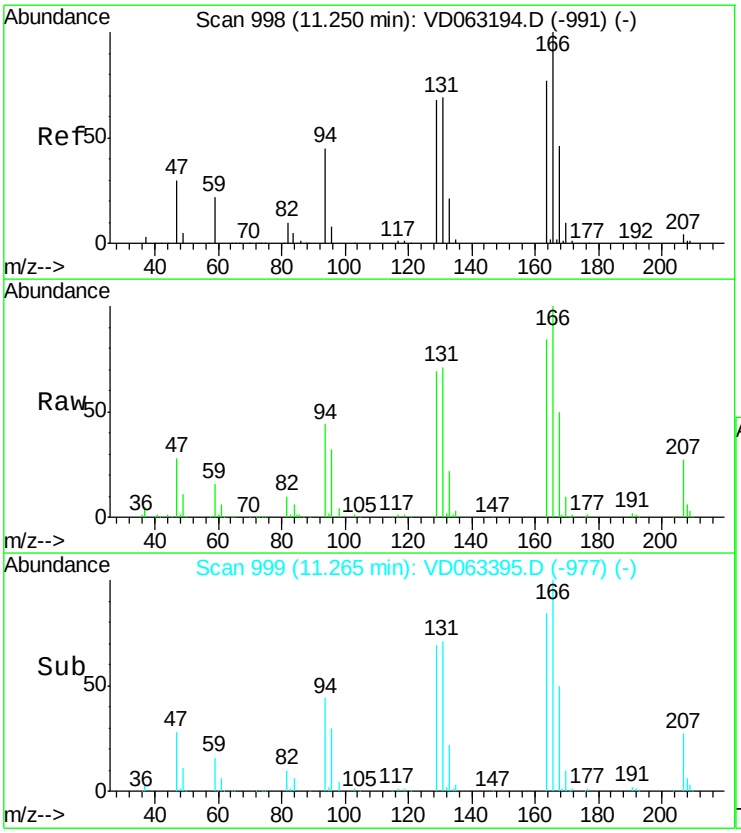

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion:117 Resp: 1287025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.2 | 40.1 | 60.1 |
| 119 | 31.4 | 26.5 | 39.7 |

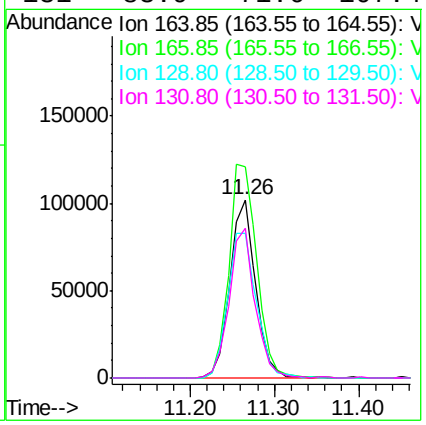


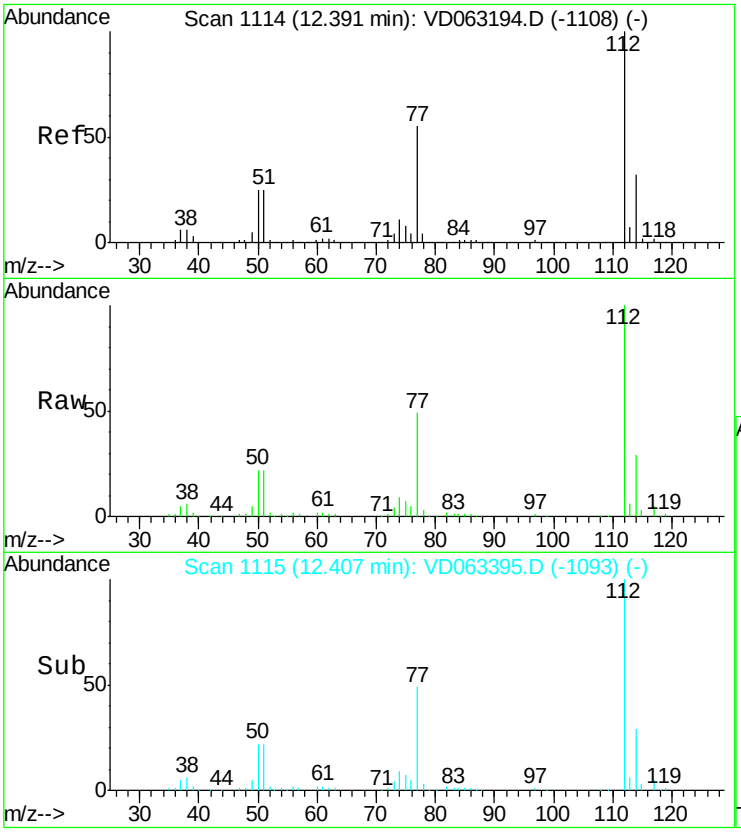




#64
Tetrachloroethene
Concen: 21.150 ug/l
RT: 11.26 min Scan# 999
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion:164 Resp: 216859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 118.5 | 104.3 | 156.5 |
| 129 | 81.3 | 70.9 | 106.3 |
| 131 | 83.9 | 71.6 | 107.4 |



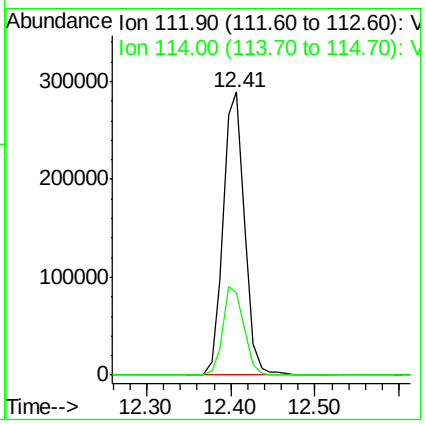


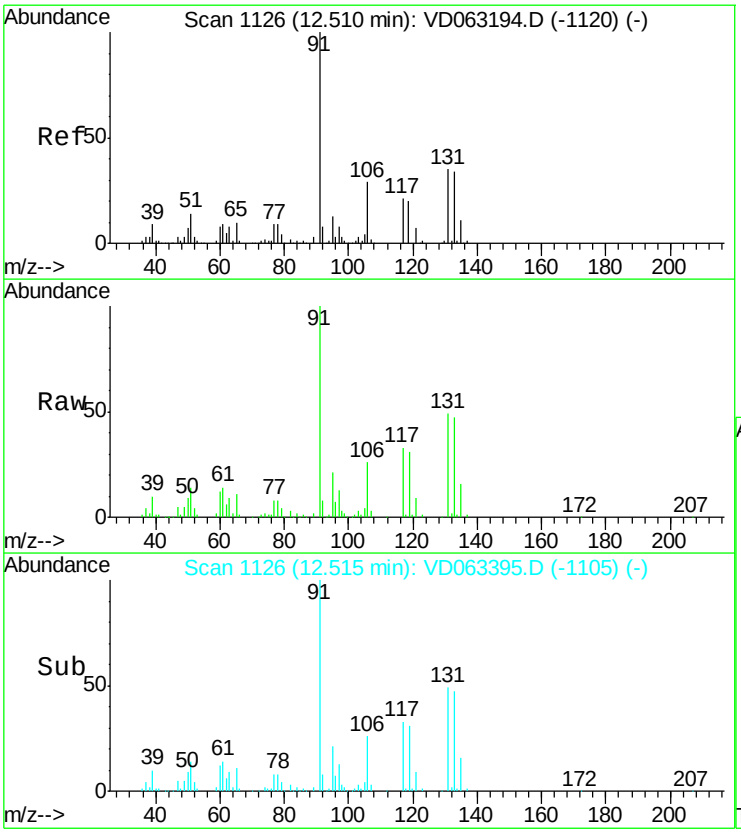

#65
Chlorobenzene
Concen: 20.501 ug/l
RT: 12.41 min Scan# 1115
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion:112 Resp: 507517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 29.3 | 25.8 | 38.8 |

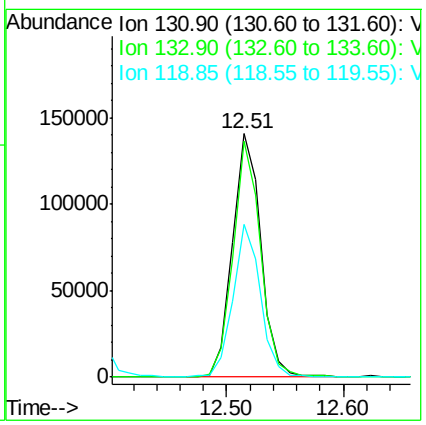


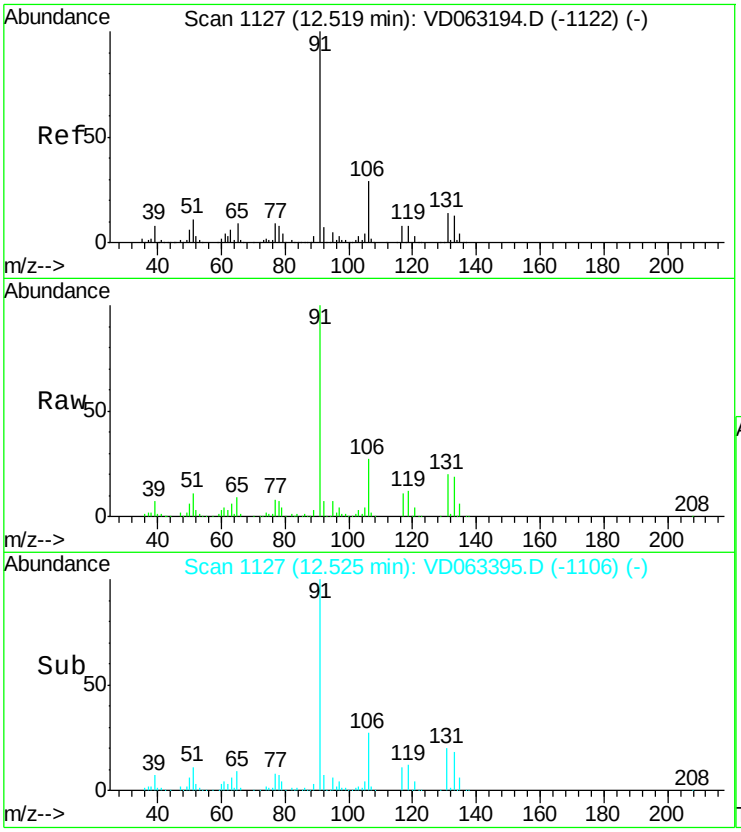




#66
1,1,1,2-Tetrachloroethane
Concen: 21.768 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion:131 Resp: 237363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.9 | 48.4 | 145.2 |
| 119 | 62.9 | 29.1 | 87.3 |



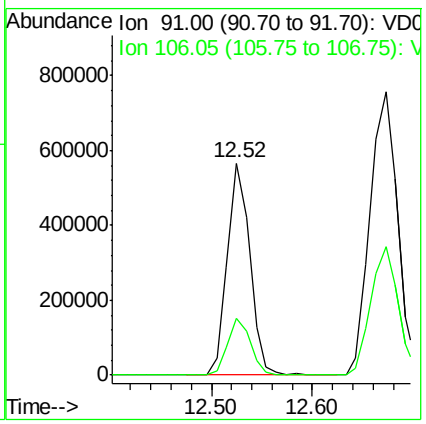


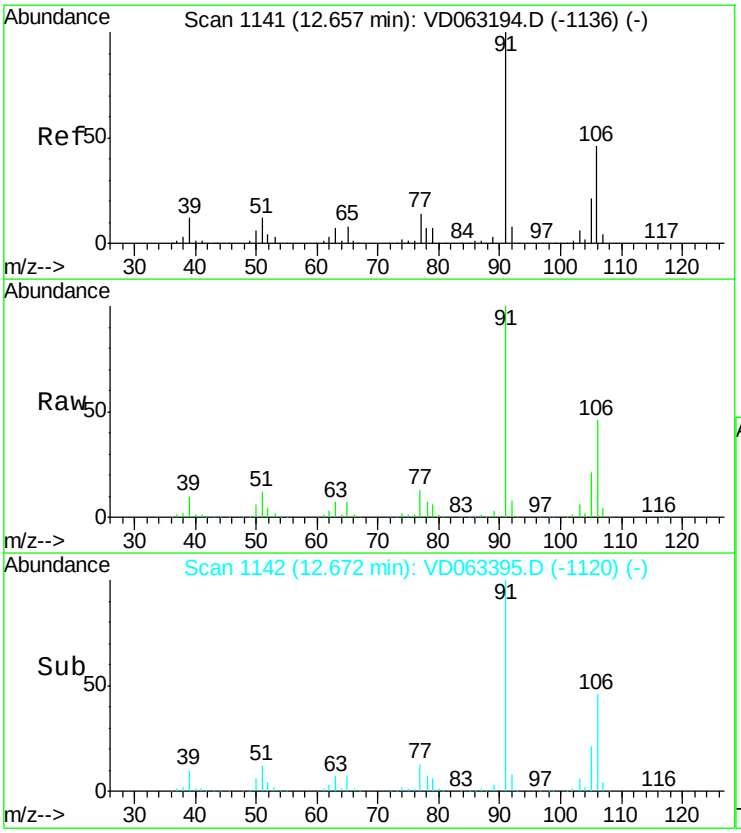

#67
Ethyl Benzene
Concen: 21.017 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion: 91 Resp: 883856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 26.7 | 22.9 | 34.3 |

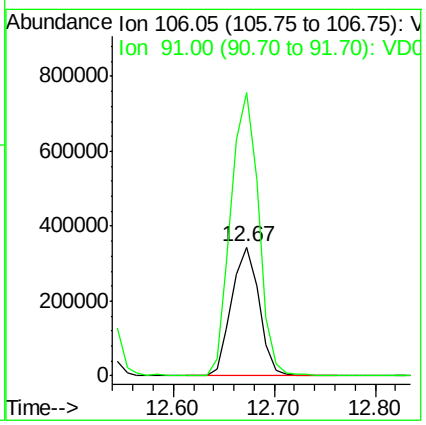


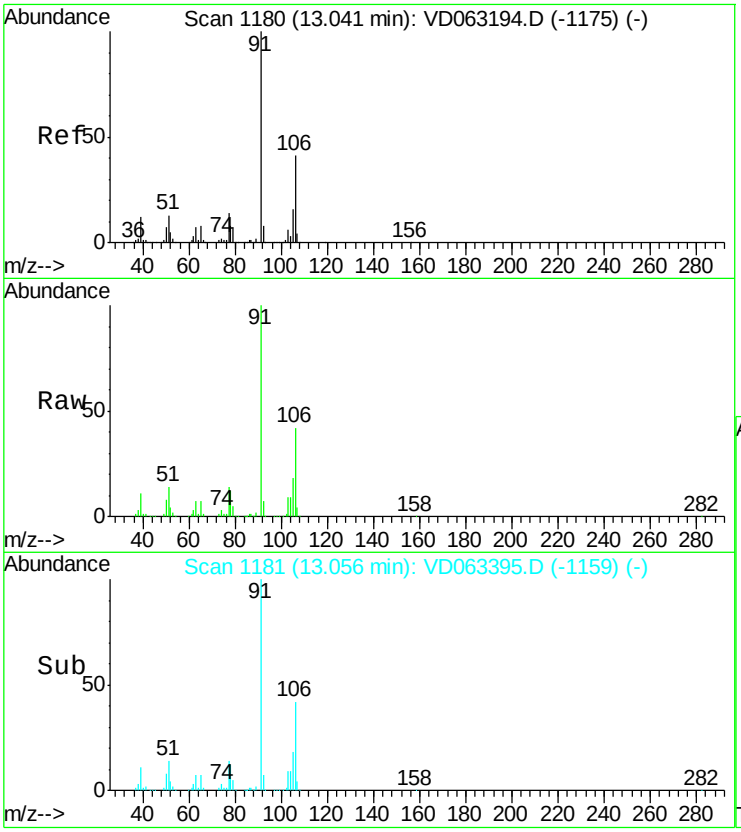




#68
m/p-Xylenes
Concen: 42.653 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion:106 Resp: 657810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 219.4 | 172.6 | 259.0 |



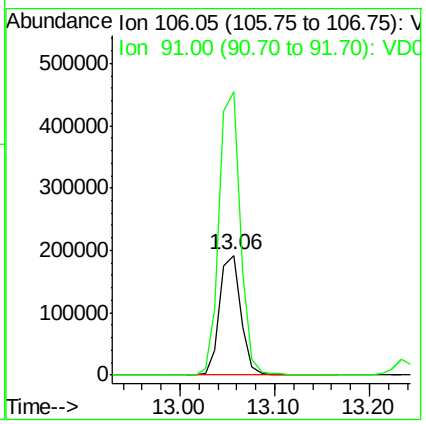


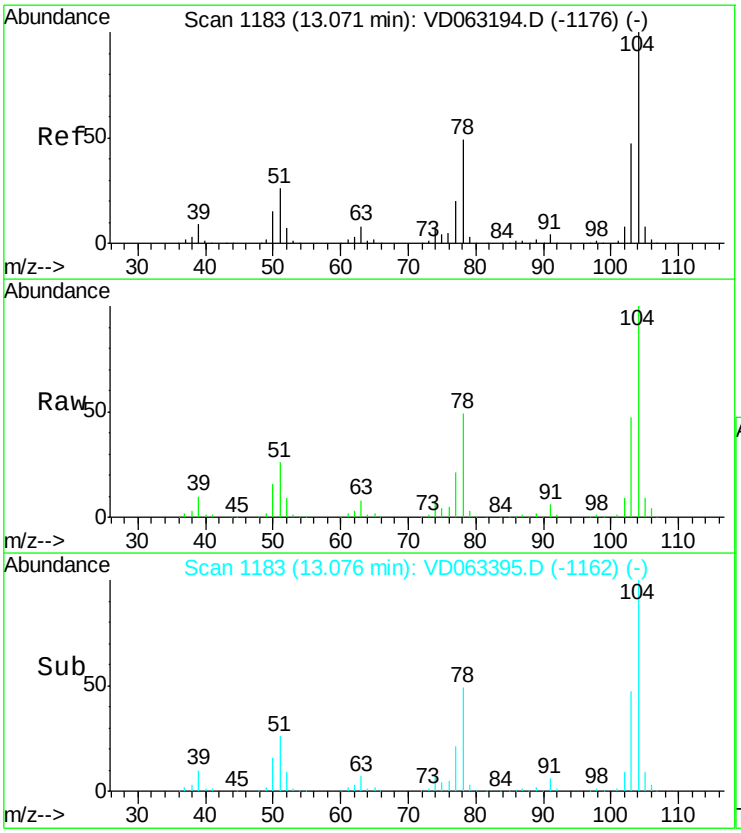

#69
o-Xylene
Concen: 21.272 ug/l
RT: 13.06 min Scan# 1181
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion:106 Resp: 301267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 236.2 | 121.3 | 363.9 |

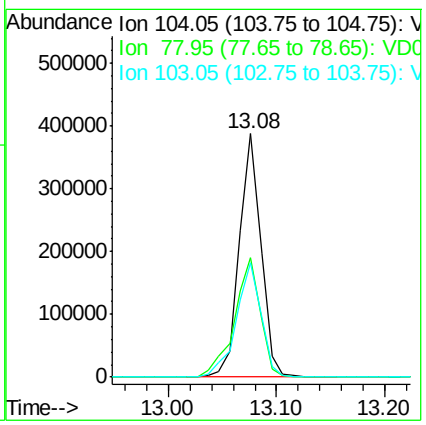


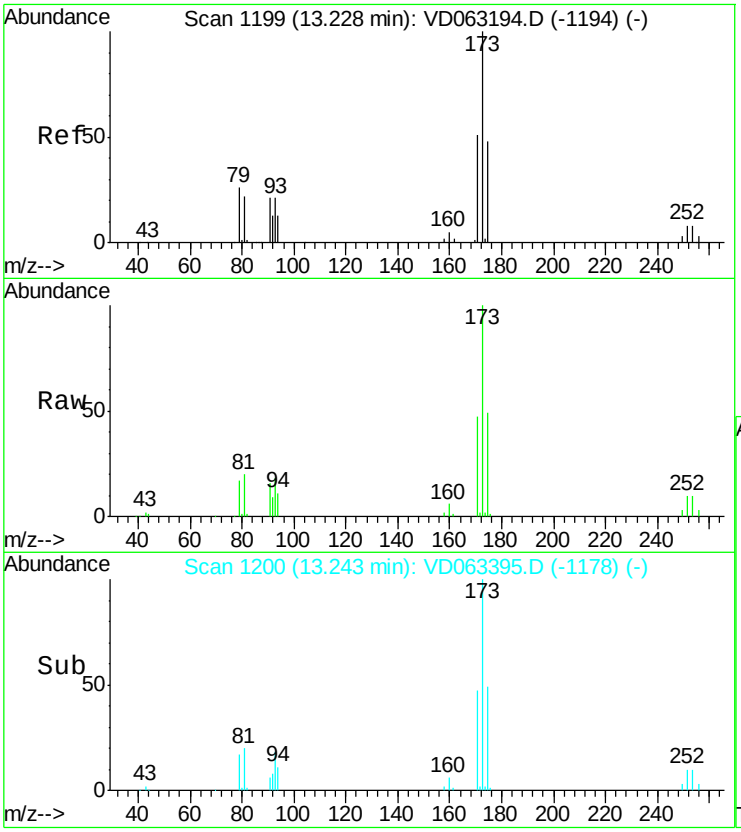




#70
Styrene
Concen: 21.476 ug/l
RT: 13.08 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion:104 Resp: 539383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 48.9 | 39.4 | 59.0 |
| 103 | 46.9 | 37.4 | 56.2 |



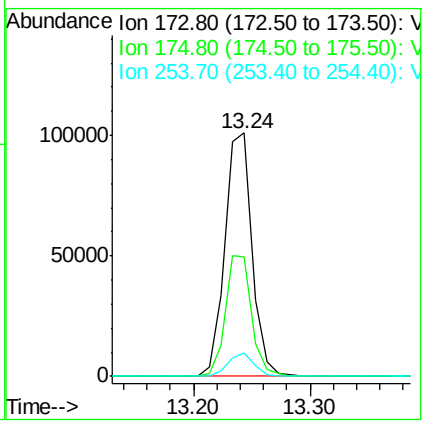


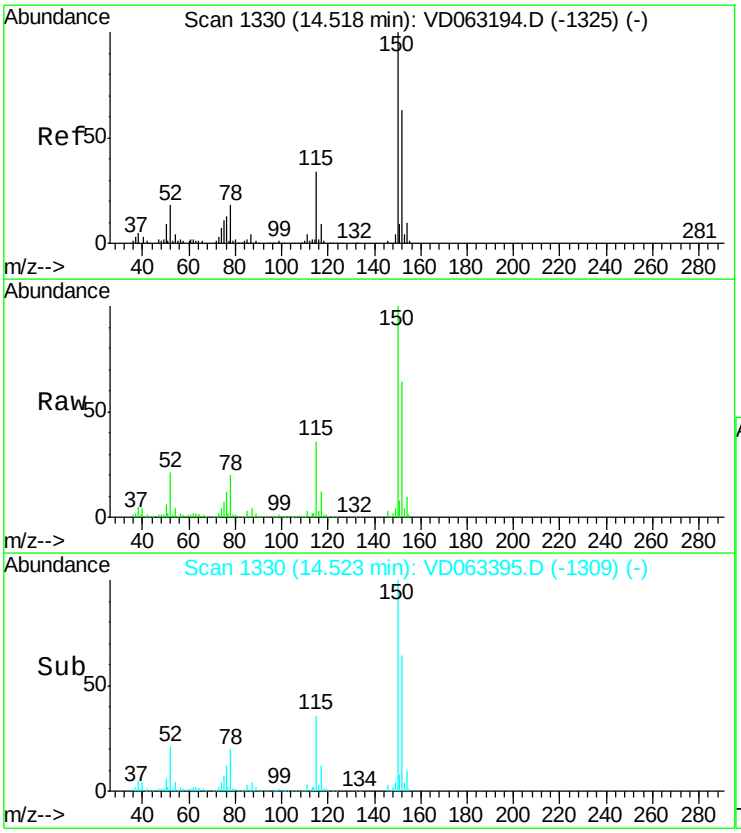

#71
Bromoform
Concen: 20.585 ug/l
RT: 13.24 min Scan# 1200
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion:173 Resp: 163239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.2 | 23.8 | 71.5 |
| 254 | 9.6 | 6.6 | 10.0 |

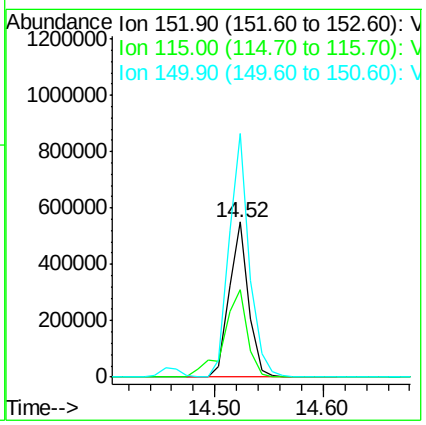


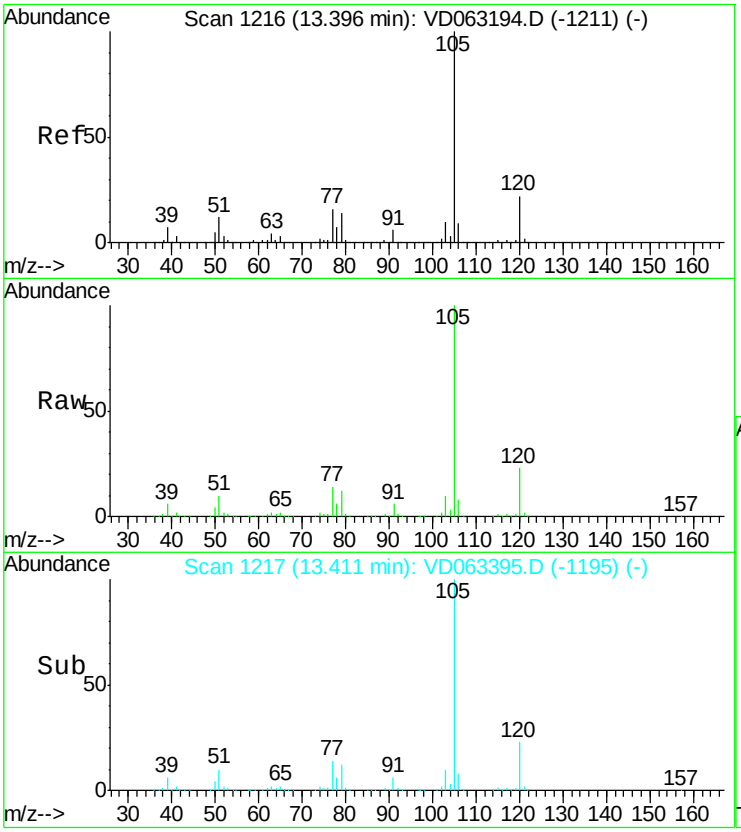




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion:152 Resp: 686073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.1 | 27.5 | 82.4 |
| 150 | 157.0 | 0.0 | 320.6 |



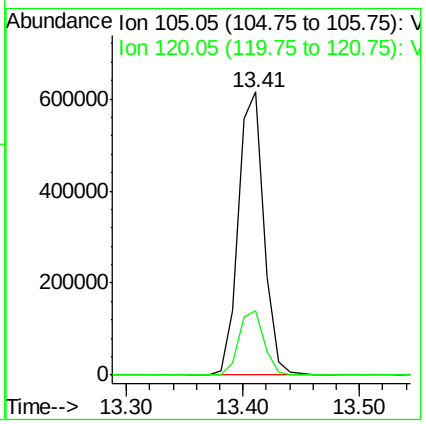


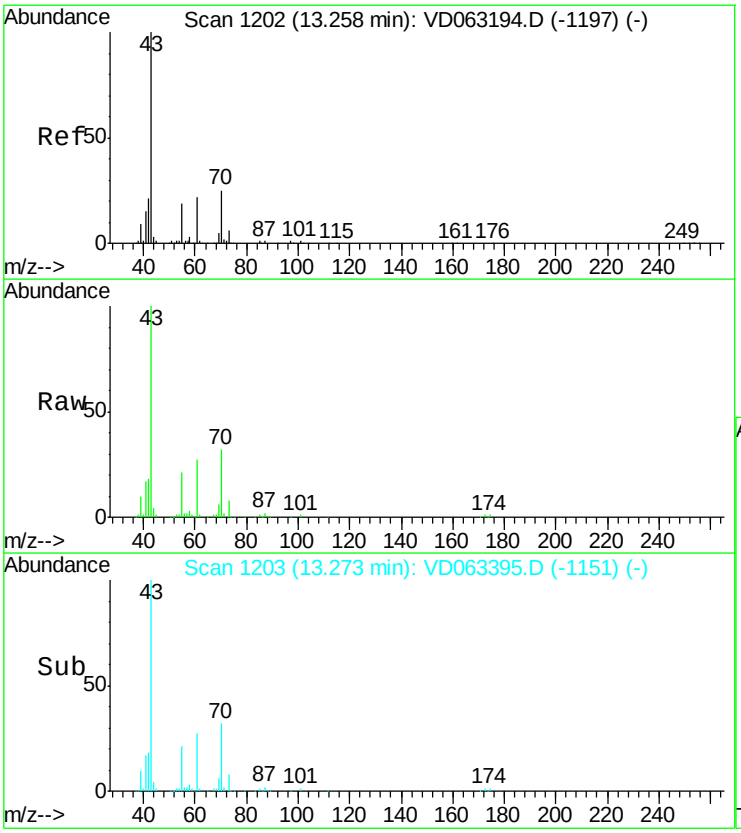

#73
Isopropylbenzene
Concen: 21.602 ug/l
RT: 13.41 min Scan# 1217
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion:105 Resp: 930170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 22.8 | 11.1 | 33.3 |

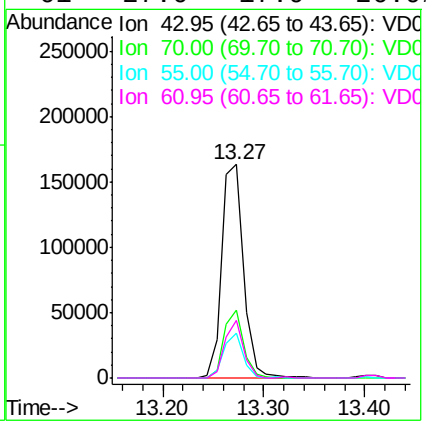


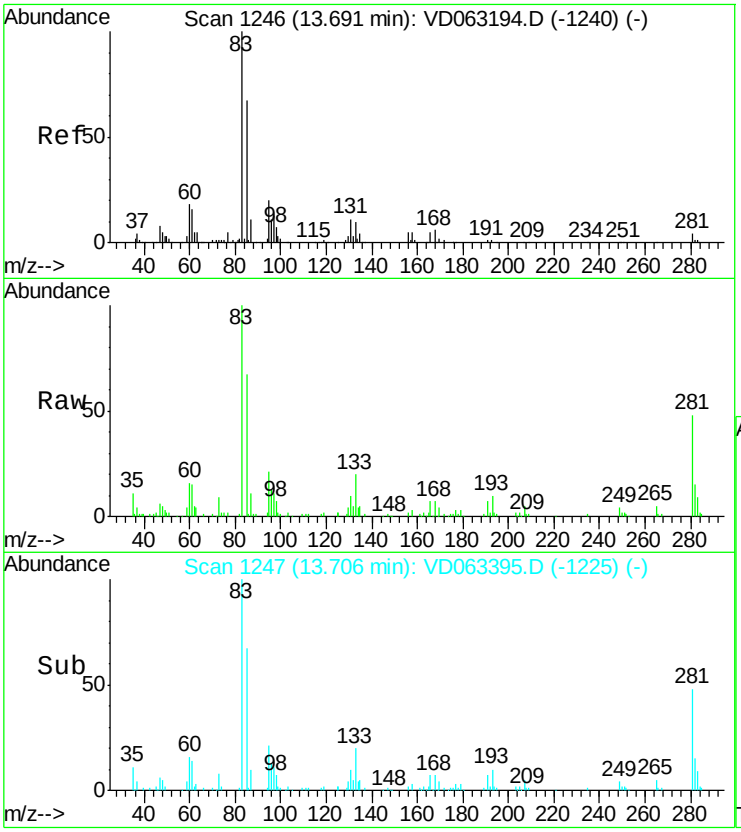




#74
N-amyl acetate
Concen: 21.536 ug/l
RT: 13.27 min Scan# 1203
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 43 Resp: 245146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 31.9 | 20.2 | 30.4# |
| 55 | 20.9 | 14.9 | 22.3 |
| 61 | 27.0 | 17.9 | 26.9# |



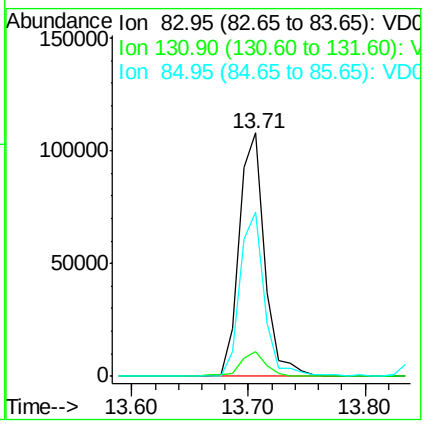


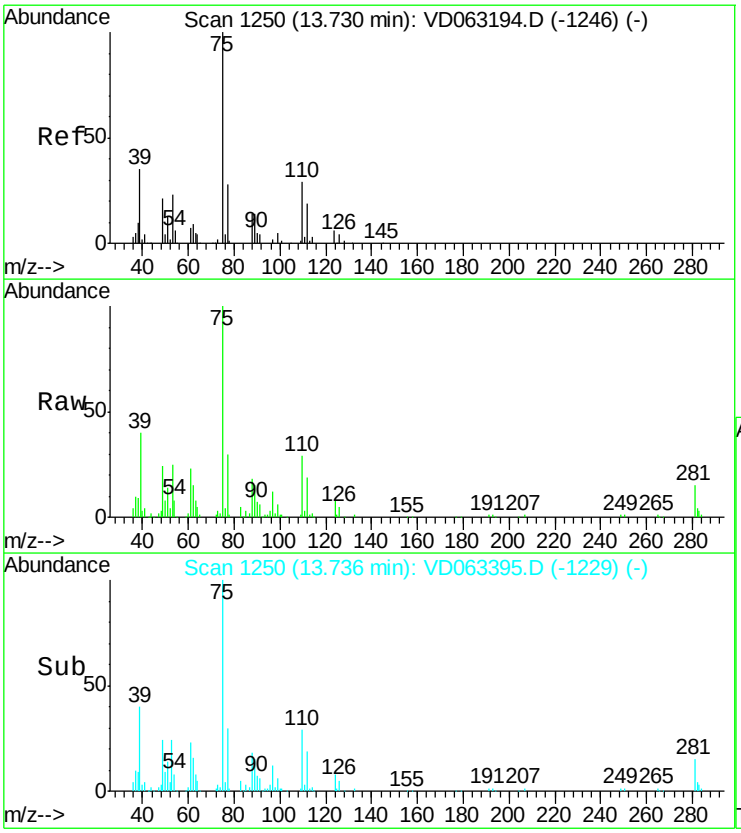

#75
1,1,2,2-Tetrachloroethane
Concen: 22.357 ug/l
RT: 13.71 min Scan# 1247
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion: 83 Resp: 163528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.1 | 5.5 | 16.7 |
| 85 | 67.4 | 33.7 | 101.1 |

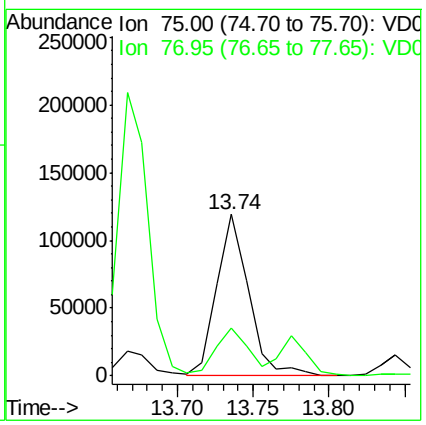


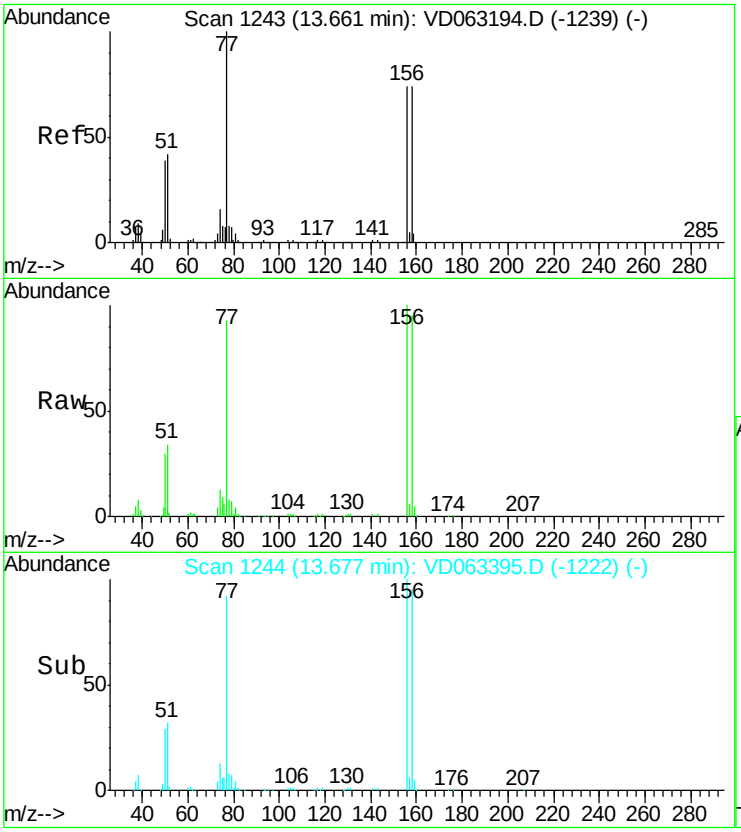




#76
1,2,3-Trichloropropane
Concen: 21.380 ug/l
RT: 13.74 min Scan# 1250
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 75 Resp: 176185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 29.9 | 16.0 | 48.0 |



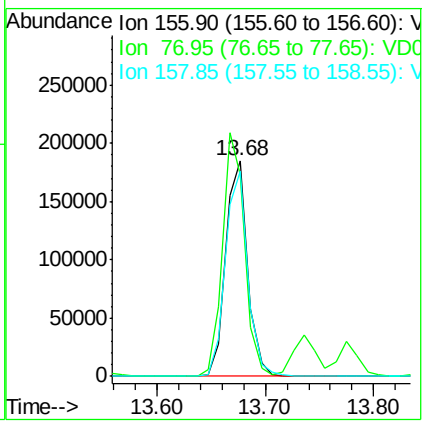


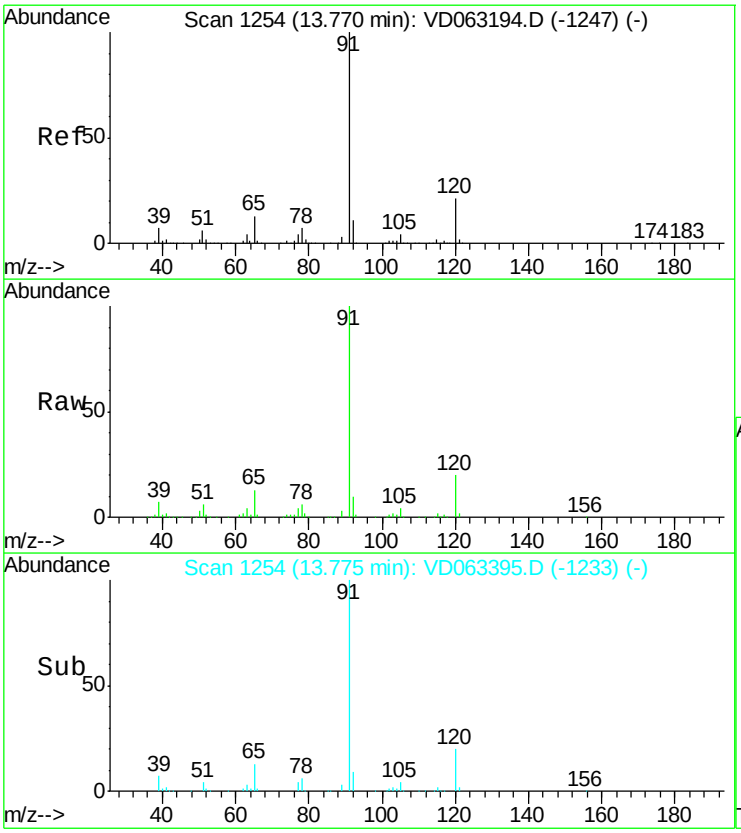

#77
Bromobenzene
Concen: 21.293 ug/l
RT: 13.68 min Scan# 1244
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion:156 Resp: 261189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 93.5 | 67.6 | 202.8 |
| 158 | 95.3 | 49.8 | 149.4 |

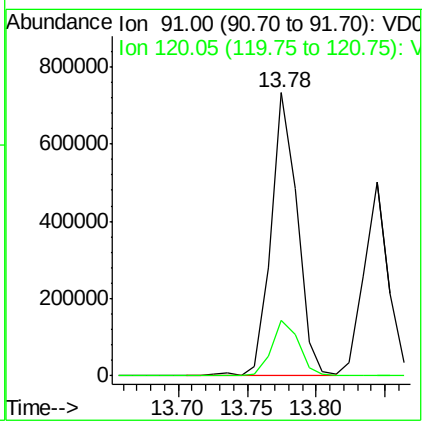


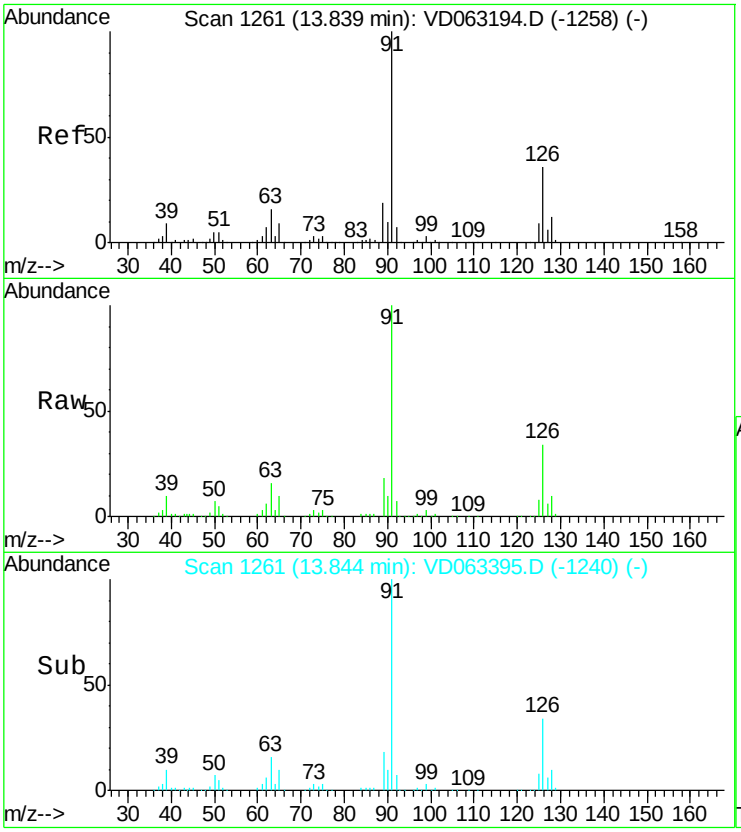




#78
n-propylbenzene
Concen: 18.964 ug/l
RT: 13.78 min Scan# 1254
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 91 Resp: 971762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 19.8 | 10.7 | 32.1 |



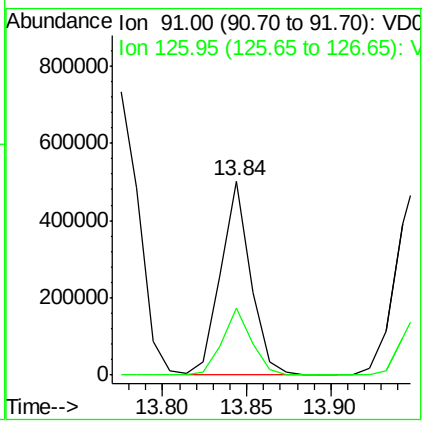


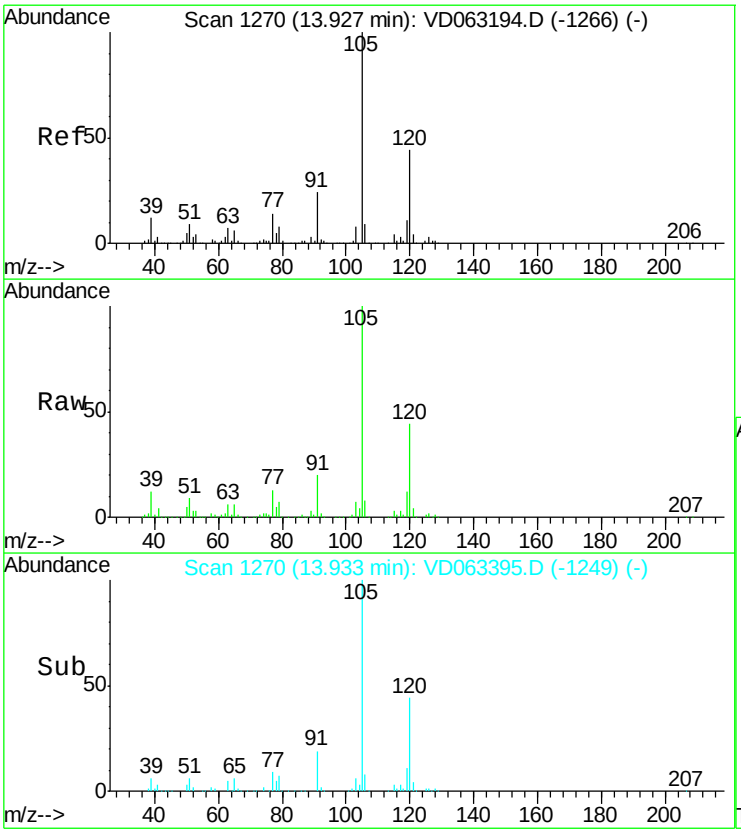

#79
2-Chlorotoluene
Concen: 20.871 ug/l
RT: 13.84 min Scan# 1261
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion: 91 Resp: 619702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.4 | 17.8 | 53.5 |

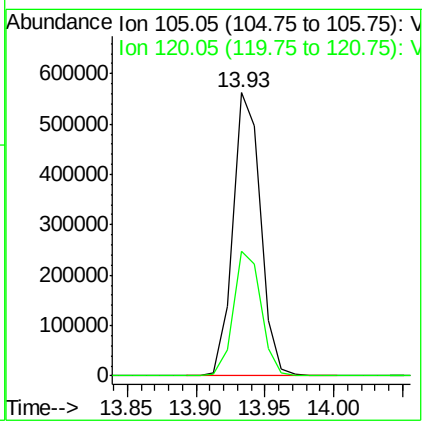


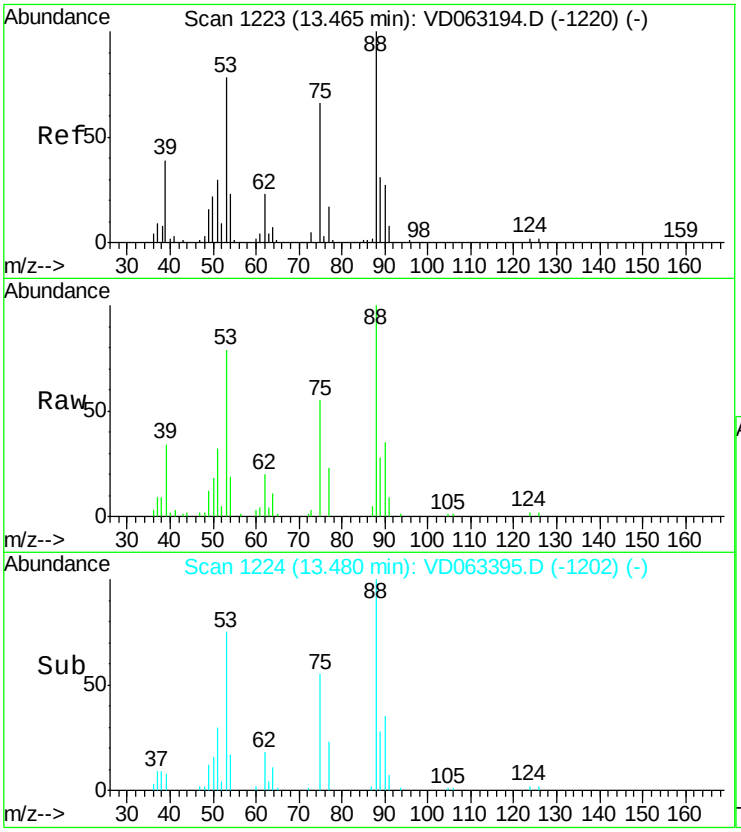




#80
1,3,5-Trimethylbenzene
Concen: 21.194 ug/l
RT: 13.93 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion:105 Resp: 787132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.9 | 22.1 | 66.1 |



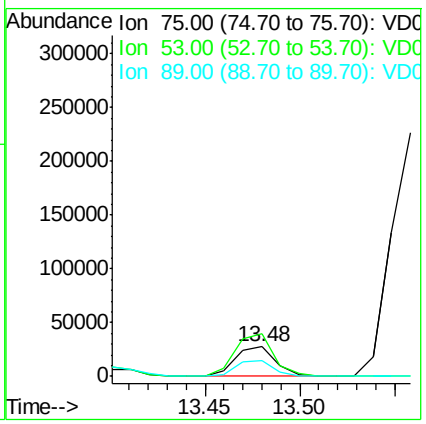


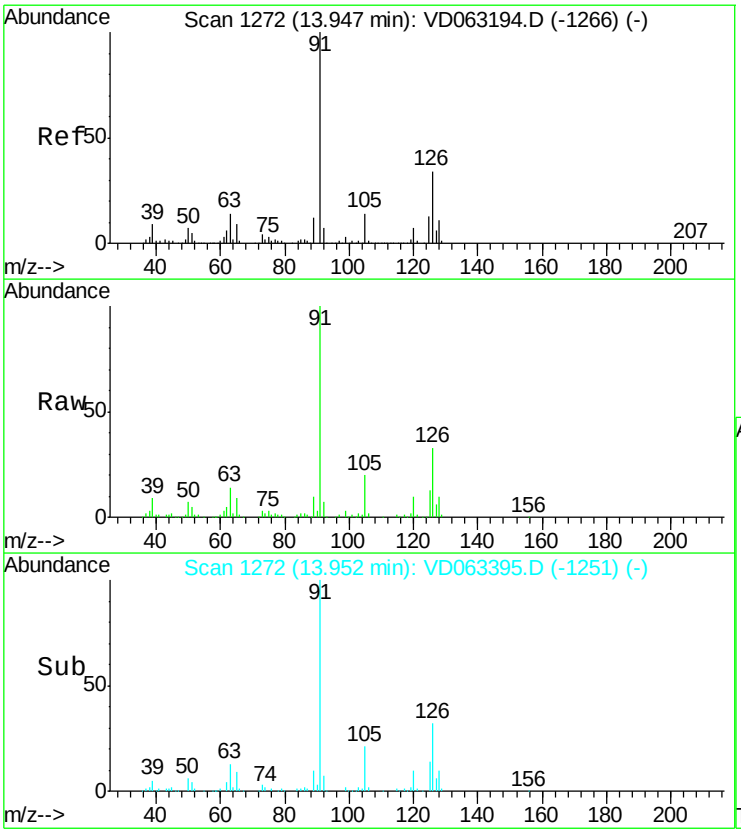

#81
trans-1,4-Dichloro-2-butene
Concen: 17.693 ug/l
RT: 13.48 min Scan# 1224
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion: 75 Resp: 40487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 144.6 | 94.9 | 142.3# |
| 89 | 51.6 | 37.4 | 56.0 |

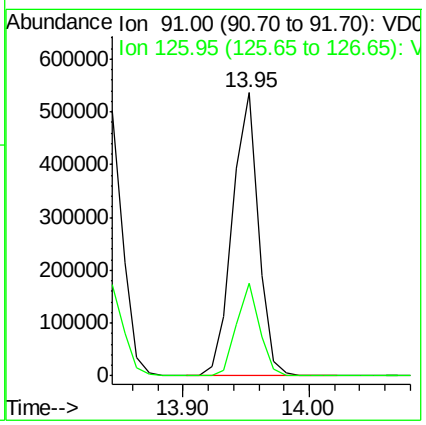


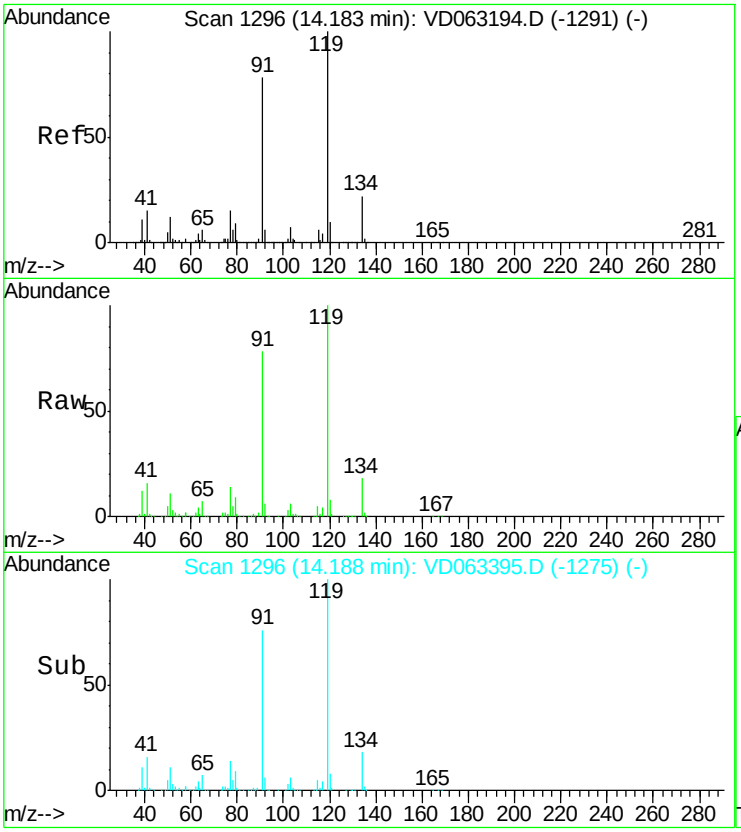




#82
4-Chlorotoluene
Concen: 21.703 ug/l
RT: 13.95 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 91 Resp: 758358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.5 | 17.1 | 51.2 |



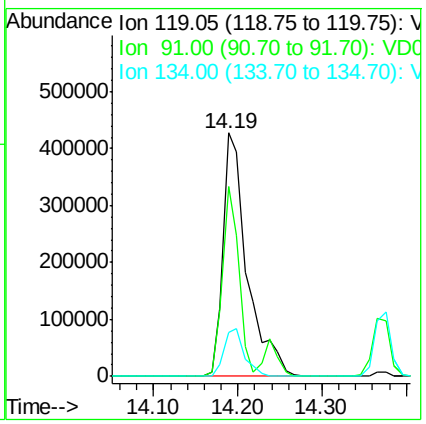


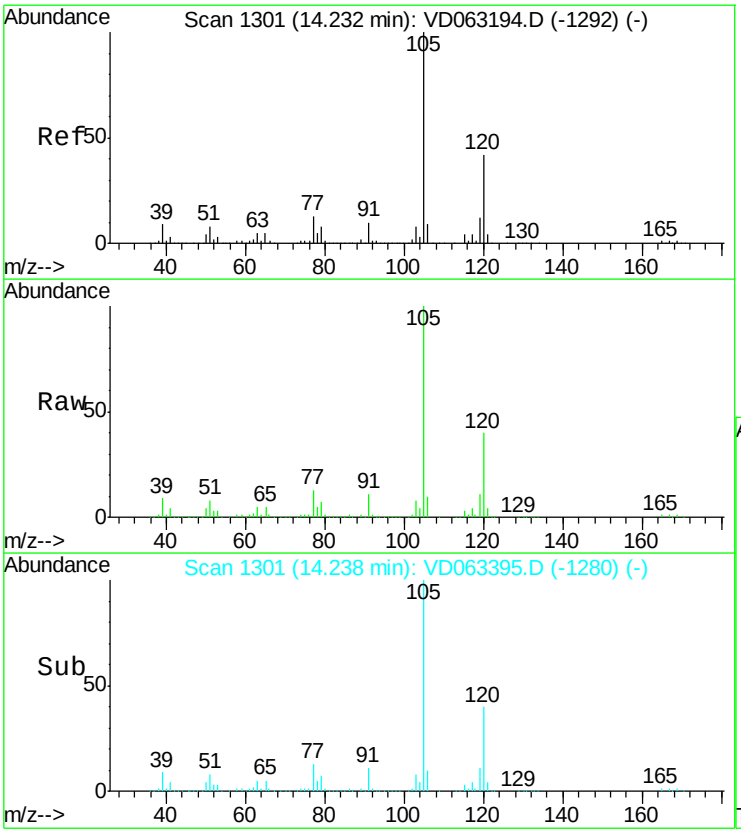

#83
tert-Butylbenzene
Concen: 20.108 ug/l
RT: 14.19 min Scan# 1296
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion:119 Resp: 852717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 77.8 | 39.1 | 117.5 |
| 134 | 18.3 | 10.9 | 32.6 |

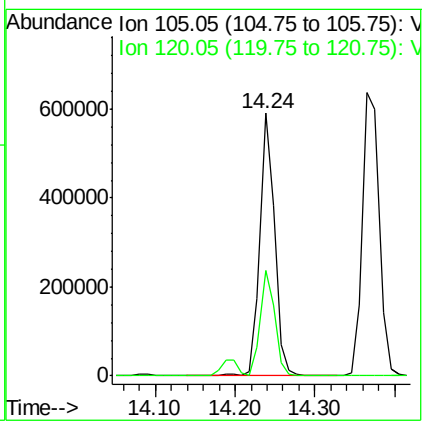


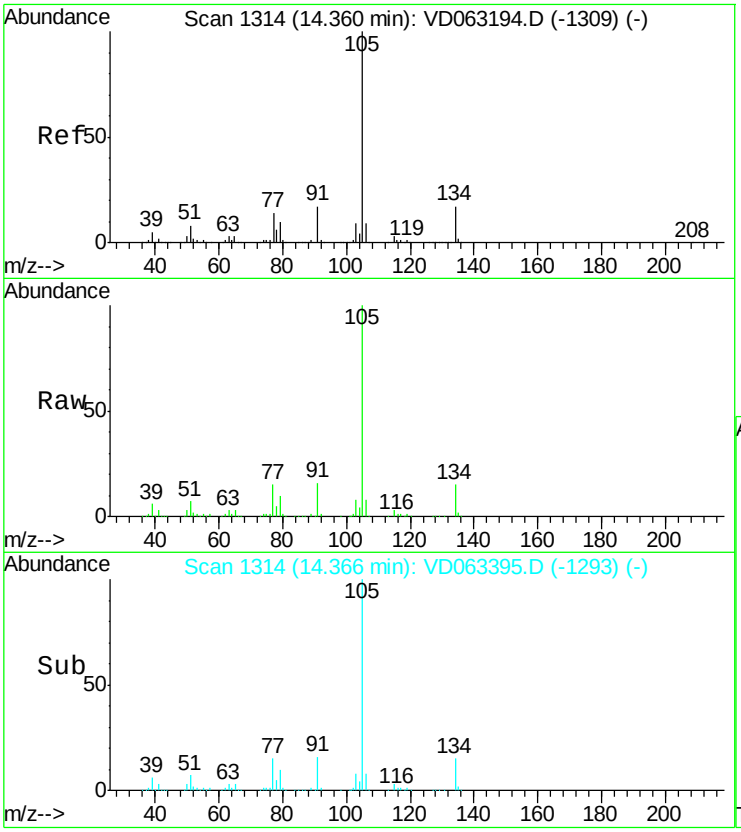




#84
1,2,4-Trimethylbenzene
Concen: 19.383 ug/l
RT: 14.24 min Scan# 1301
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion:105 Resp: 744573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 40.0 | 20.9 | 62.7 |



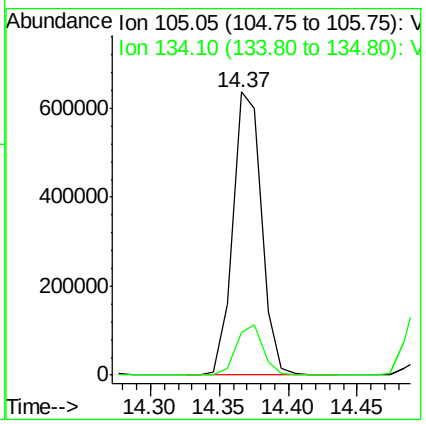


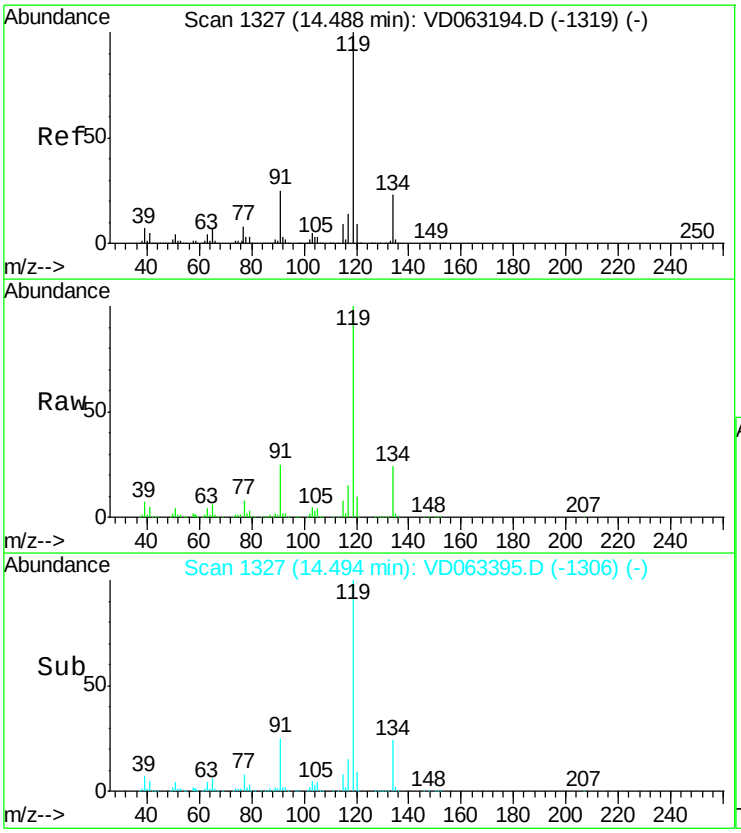

#85
sec-Butylbenzene
Concen: 20.827 ug/l
RT: 14.37 min Scan# 1314
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion:105 Resp: 930532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 15.2 | 8.3 | 24.9 |

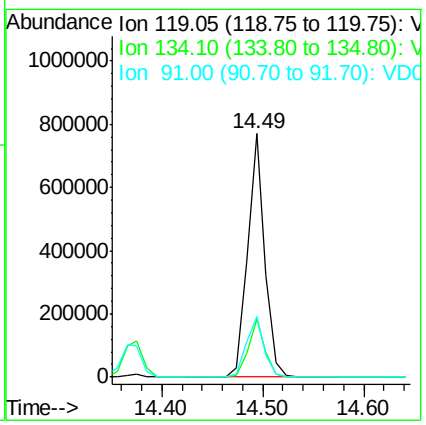


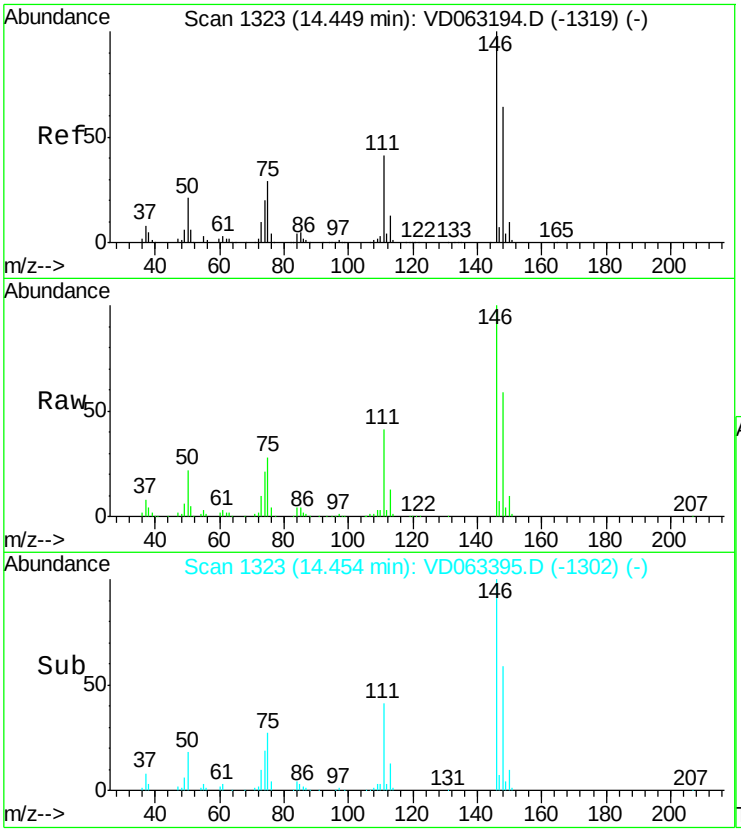




#86
p-Isopropyltoluene
Concen: 21.410 ug/l
RT: 14.49 min Scan# 1327
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion:119 Resp: 912968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 23.9 | 11.5 | 34.5 |
| 91 | 24.8 | 12.6 | 37.6 |



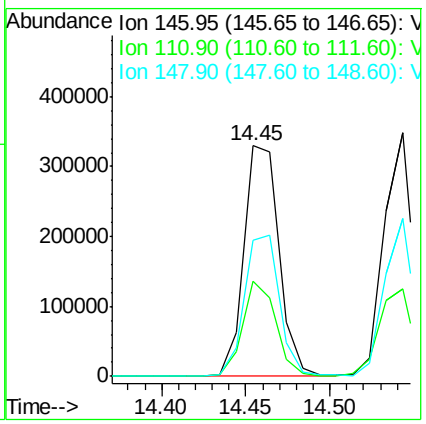


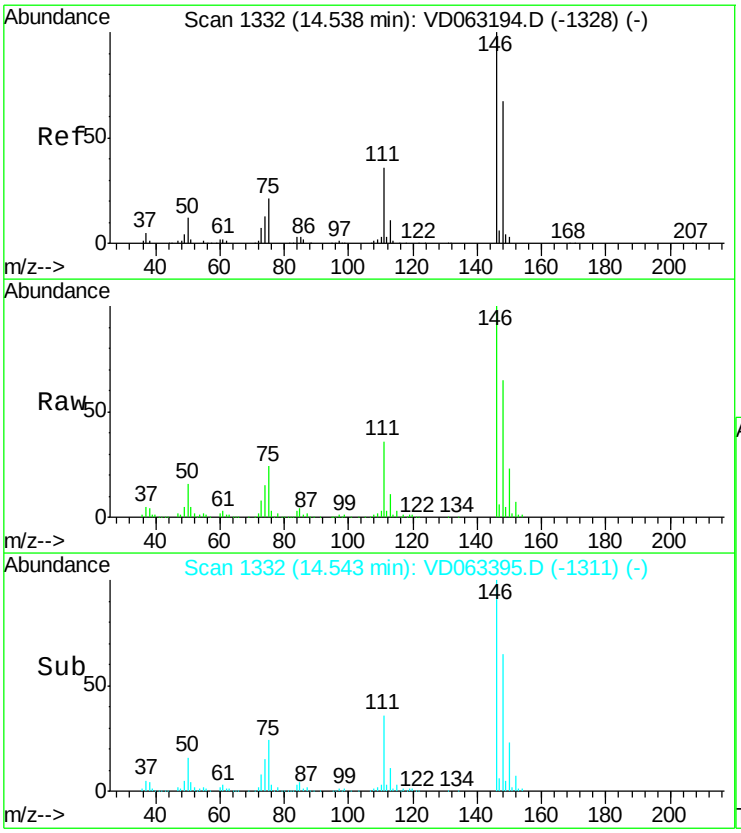

#87
1,3-Dichlorobenzene
Concen: 22.025 ug/l
RT: 14.45 min Scan# 1323
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion:146 Resp: 478442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.3 | 20.4 | 61.3 |
| 148 | 58.9 | 31.8 | 95.4 |

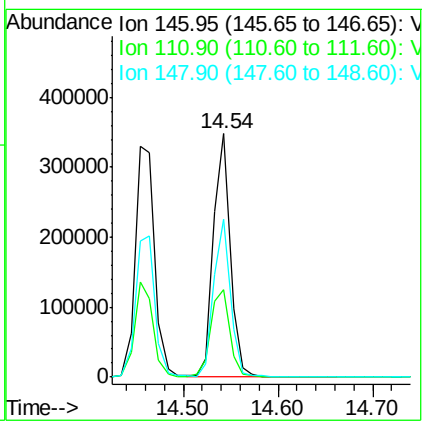


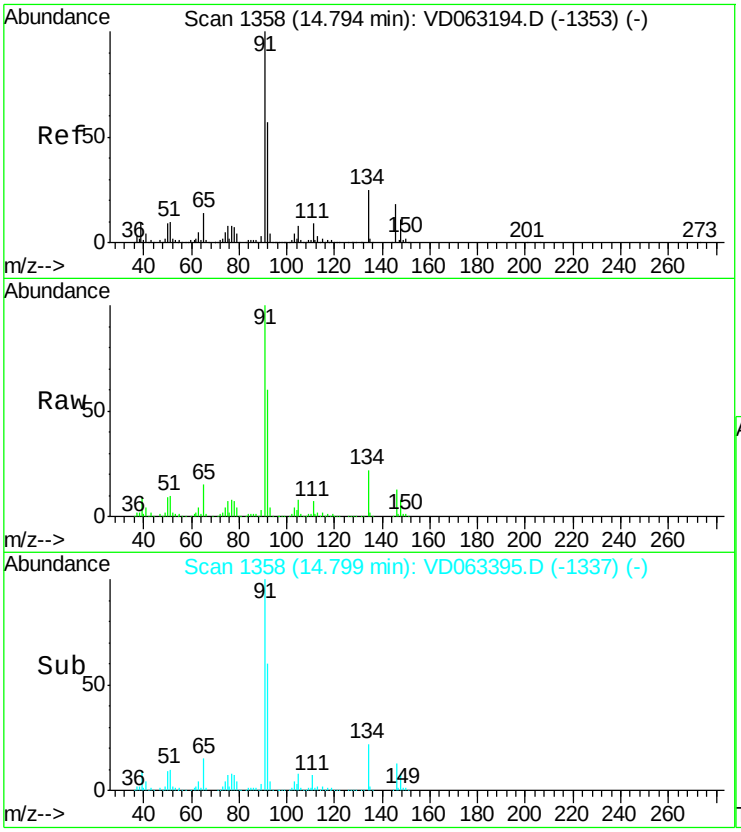




#88
1,4-Dichlorobenzene
Concen: 19.738 ug/l
RT: 14.54 min Scan# 1332
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion:146 Resp: 433576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 35.7 | 18.1 | 54.3 |
| 148 | 64.9 | 33.4 | 100.1 |



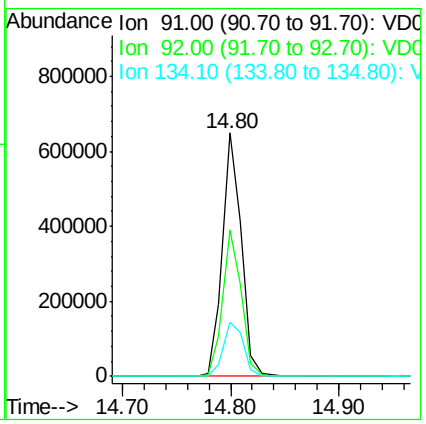


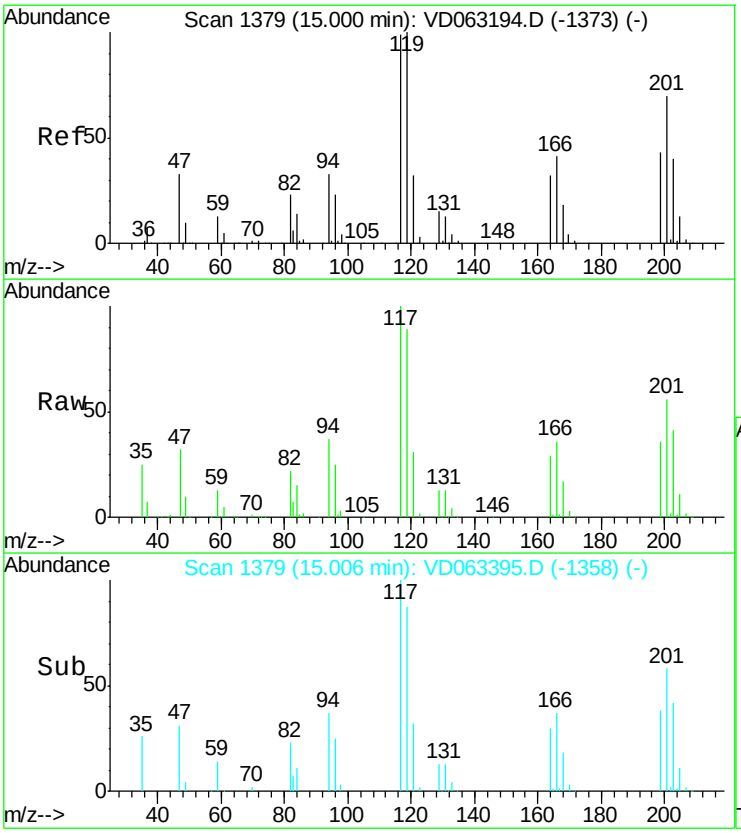

#89
n-Butylbenzene
Concen: 21.525 ug/l
RT: 14.80 min Scan# 1358
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion: 91 Resp: 792779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 60.2 | 28.3 | 85.0 |
| 134 | 22.2 | 12.3 | 36.8 |

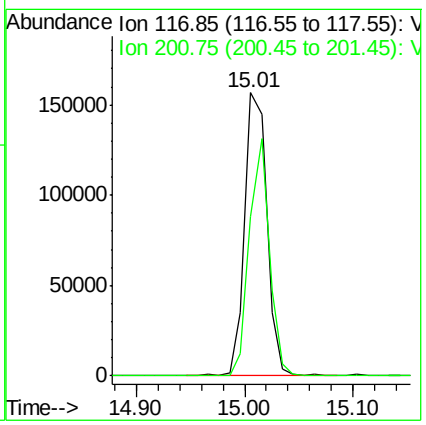


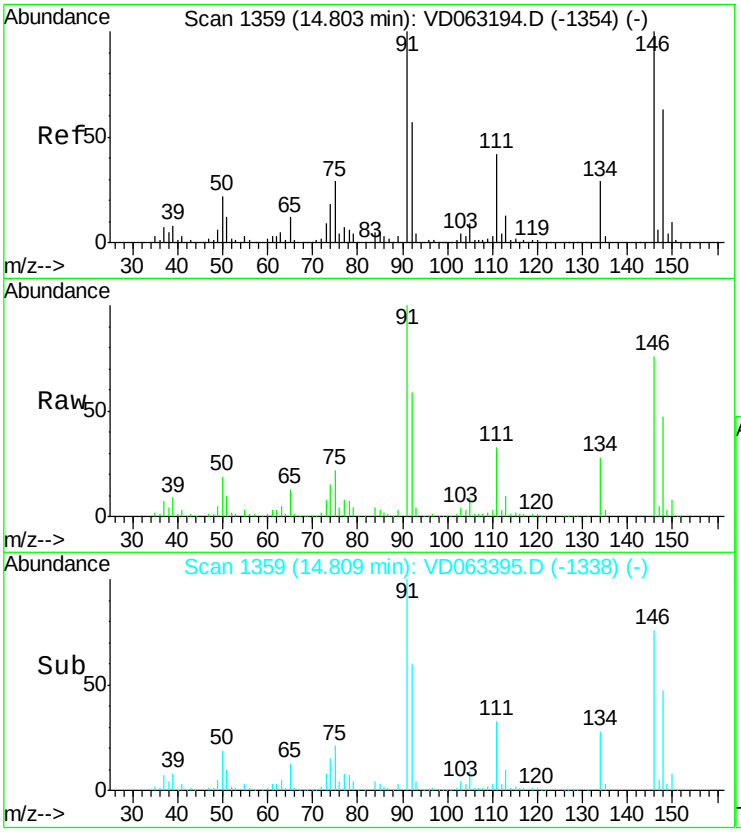




#90
Hexachloroethane
Concen: 20.163 ug/l
RT: 15.01 min Scan# 1379
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion:117 Resp: 224011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 56.0 | 35.2 | 105.6 |



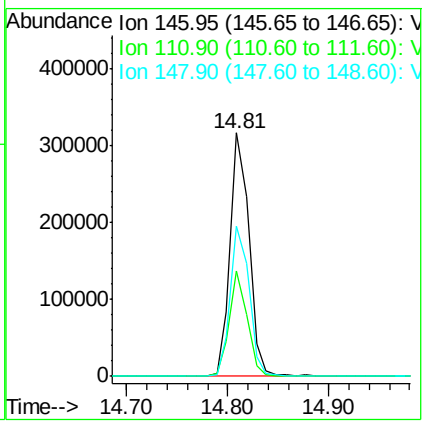


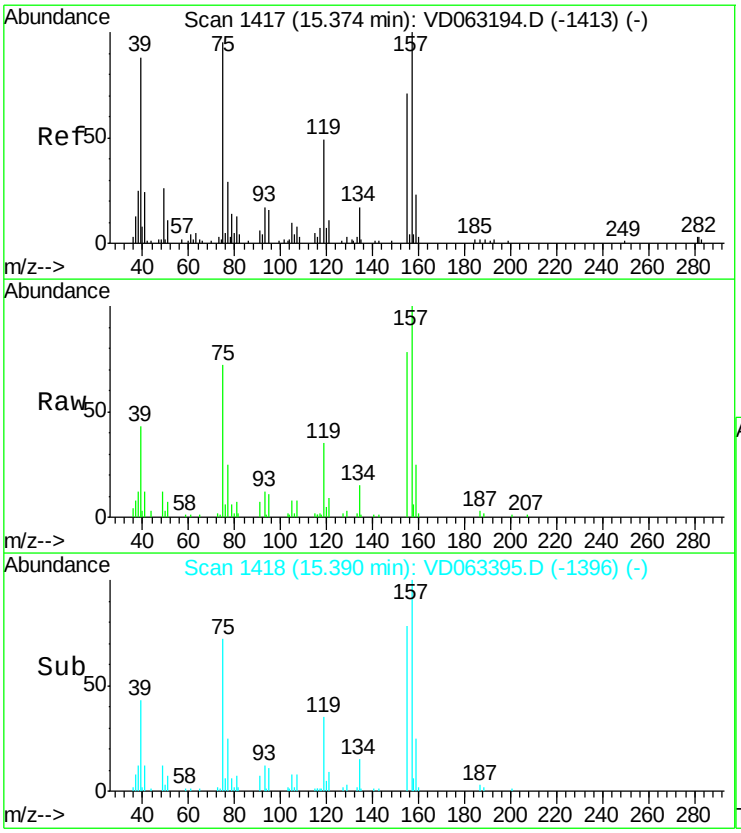

#91
1,2-Dichlorobenzene
Concen: 21.692 ug/l
RT: 14.81 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion:146 Resp: 410557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.2 | 21.1 | 63.3 |
| 148 | 61.7 | 31.6 | 94.8 |

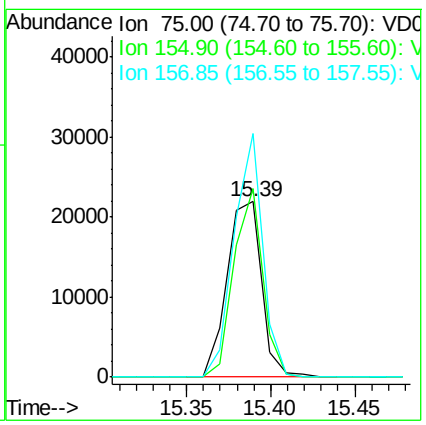


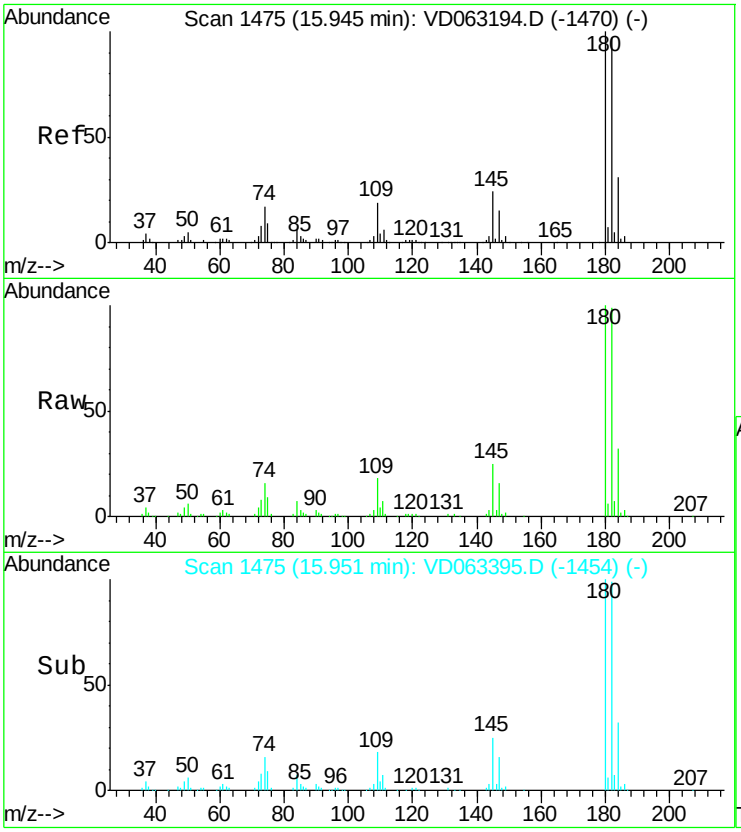




#92
1,2-Dibromo-3-Chloropropane
Concen: 21.006 ug/l
RT: 15.39 min Scan# 1418
Delta R.T. 0.02 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion: 75 Resp: 31296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 107.8 | 37.0 | 111.0 |
| 157 | 138.7 | 52.4 | 157.2 |



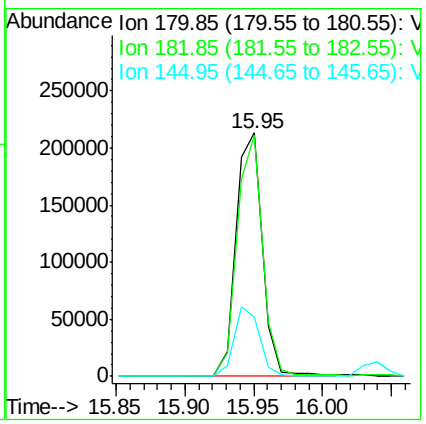


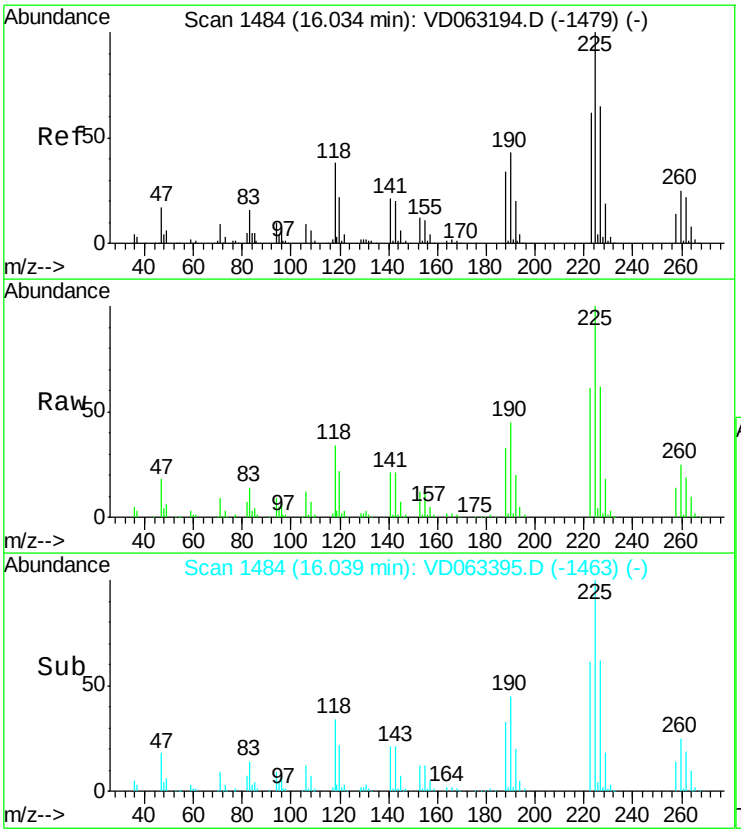

#93
1,2,4-Trichlorobenzene
Concen: 19.004 ug/l
RT: 15.95 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0806SBS01

Tgt Ion:180 Resp: 285339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 99.0 | 48.6 | 145.8 |
| 145 | 24.6 | 12.2 | 36.6 |

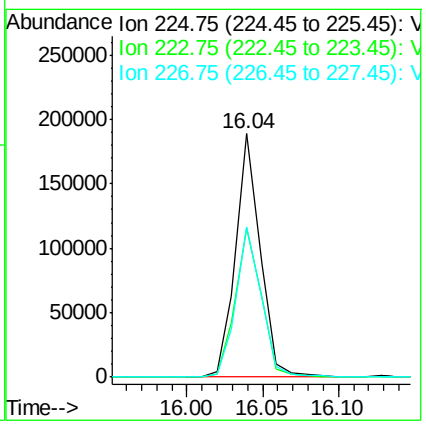


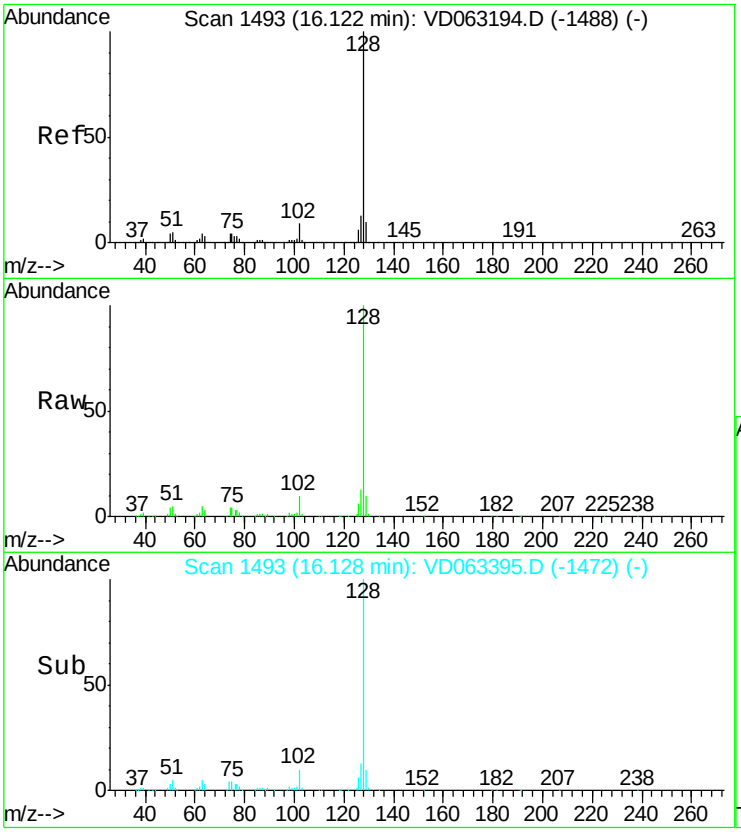




#94
Hexachlorobutadiene
Concen: 19.567 ug/l
RT: 16.04 min Scan# 1484
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion:225 Resp: 212903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.0 | 30.9 | 92.5 |
| 227 | 61.9 | 32.6 | 97.7 |



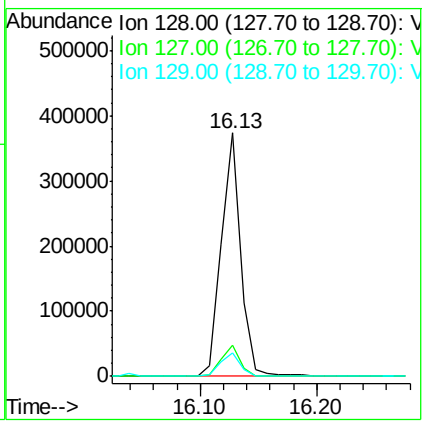


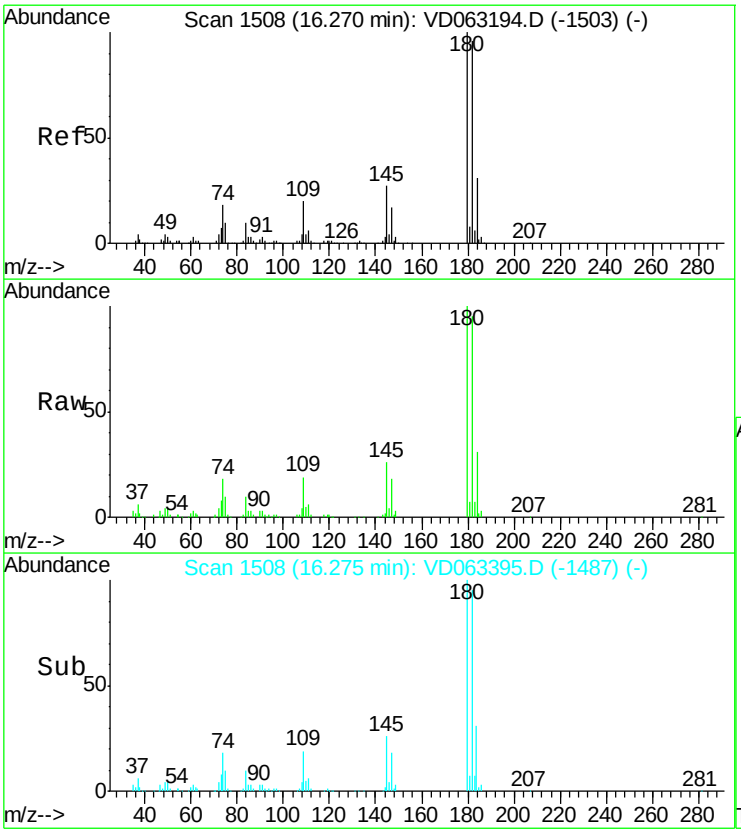

#95
Naphthalene
Concen: 20.340 ug/l
RT: 16.13 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

**Instrument :** MSVOA_D
**ClientSampleId :** VD0806SBS01

Tgt Ion:128 Resp: 431644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.6 | 10.2 | 15.4 |
| 129 | 9.7 | 7.8 | 11.8 |




#96
1,2,3-Trichlorobenzene
Concen: 18.703 ug/l
RT: 16.28 min Scan# 1508
Delta R.T. 0.01 min
Lab File: VD063395.D
Acq: 6 Aug 2019 13:30

Tgt Ion:180 Resp: 221845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.6 | 48.3 | 144.9 |
| 145 | 25.9 | 13.6 | 40.7 |