Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030119\
Data File : VD060910.D
Acq On : 1 Mar 2019 15:40
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Quant Time: Mar 02 01:11:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 01 16:47:52 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.03 | 168 | 659465 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.20 | 114 | 1142492 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 12.36 | 117 | 920585 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 14.51 | 152 | 411030 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.45 | 65 | 57793 | 11.79 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 23.58% | | | | |
| 35) Dibromofluoromethane | 6.91 | 113 | 95142 | 11.14 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 22.28% | | | | |
| 50) Toluene-d8 | 10.40 | 98 | 257821 | 11.15 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 22.30% | | | | |
| 62) 4-Bromofluorobenzene | 13.55 | 95 | 96419 | 10.73 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 21.46% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.58 | 85 | 81342 | 11.311 | ug/l | | 95 |
| 3) Chloromethane | 1.76 | 50 | 67945 | 15.369 | ug/l | | 100 |
| 4) Vinyl Chloride | 1.84 | 62 | 58507 | 14.240 | ug/l | | 99 |
| 5) Bromomethane | 2.15 | 94 | 12646 | 16.450 | ug/l | # | 80 |
| 6) Chloroethane | 2.27 | 64 | 17243 | 15.466 | ug/l | | 94 |
| 7) Trichlorofluoromethane | 2.52 | 101 | 74692 | 11.215 | ug/l | | 99 |
| 8) Diethyl Ether | 2.87 | 74 | 29357 | 25.632 | ug/l | | 92 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.14 | 101 | 101605 | 24.808 | ug/l | | 88 |
| 10) Methyl Iodide | 3.30 | 142 | 78005 | 6.671 | ug/l | | 96 |
| 11) Tert butyl alcohol | 4.06 | 59 | 22017 | 59.155 | ug/l | | 99 |
| 12) 1,1-Dichloroethene | 3.12 | 96 | 86883 | 28.396 | ug/l | | 93 |
| 13) Acrolein | 3.03 | 56 | 34159 | 165.534 | ug/l | | 99 |
| 14) Allyl chloride | 3.61 | 41 | 135065 | 13.521 | ug/l | # | 90 |
| 15) Acrylonitrile | 4.19 | 53 | 87340 | 75.150 | ug/l | | 95 |
| 16) Acetone | 3.21 | 43 | 103598 | 69.665 | ug/l | # | 89 |
| 17) Carbon Disulfide | 3.37 | 76 | 293391 | 12.978 | ug/l | | 99 |
| 18) Methyl Acetate | 3.63 | 43 | 39721 | 12.874 | ug/l | # | 89 |
| 19) Methyl tert-butyl Ether | 4.23 | 73 | 147821 | 11.525 | ug/l | | 93 |
| 20) Methylene Chloride | 3.81 | 84 | 116007 | 13.886 | ug/l | # | 83 |
| 21) trans-1,2-Dichloroethene | 4.21 | 96 | 91627 | 13.513 | ug/l | | 97 |
| 22) Diisopropyl ether | 5.10 | 45 | 296392 | 15.126 | ug/l | | 97 |
| 23) Vinyl Acetate | 5.04 | 43 | 784413 | 70.742 | ug/l | | 98 |
| 24) 1,1-Dichloroethane | 4.97 | 63 | 149951 | 14.008 | ug/l | | 99 |
| 25) 2-Butanone | 6.06 | 43 | 124375 | 63.369 | ug/l | | 98 |
| 26) 2,2-Dichloropropane | 6.01 | 77 | 110793 | 10.903 | ug/l | | 91 |
| 27) cis-1,2-Dichloroethene | 6.03 | 96 | 101049 | 13.571 | ug/l | | 98 |
| 28) Bromochloromethane | 6.42 | 49 | 57574 | 13.672 | ug/l | | 95 |
| 29) Tetrahydrofuran | 6.44 | 42 | 63260 | 64.680 | ug/l | | 94 |
| 30) Chloroform | 6.66 | 83 | 141813 | 11.199 | ug/l | | 98 |
| 31) Cyclohexane | 6.94 | 56 | 133689 | 15.058 | ug/l | | 86 |
| 32) 1,1,1-Trichloroethane | 6.85 | 97 | 129756 | 13.162 | ug/l | | 97 |
| 36) 1,1-Dichloropropene | 7.13 | 75 | 118387 | 9.904 | ug/l | | 93 |
| 37) Ethyl Acetate | 6.17 | 43 | 60367 | 10.742 | ug/l | | 98 |
| 38) Carbon Tetrachloride | 7.10 | 117 | 123845 | 11.166 | ug/l | | 99 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030119\
Data File : VD060910.D
Acq On : 1 Mar 2019 15:40
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Quant Time: Mar 02 01:11:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 01 16:47:52 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 8.85 | 83 | 124387 | 9.789 ug/l | # | 82 |
| 40) Benzene | 7.45 | 78 | 297558 | 10.017 ug/l | | 99 |
| 41) Methacrylonitrile | 6.43 | 41 | 65307 | 21.512 ug/l | # | 90 |
| 42) 1,2-Dichloroethane | 7.56 | 62 | 83236 | 10.302 ug/l | | 99 |
| 43) Isopropyl Acetate | 9.23 | 43 | 80213 | 10.077 ug/l | # | 94 |
| 44) Trichloroethene | 8.53 | 130 | 98698 | 10.189 ug/l | | 95 |
| 45) 1,2-Dichloropropane | 8.93 | 63 | 78151 | 11.262 ug/l | | 96 |
| 46) Dibromomethane | 9.05 | 93 | 48907 | 9.809 ug/l | | 92 |
| 47) Bromodichloromethane | 9.37 | 83 | 106673 | 9.021 ug/l | | 97 |
| 48) Methyl methacrylate | 9.11 | 41 | 48566 | 10.597 ug/l | | 92 |
| 49) 1,4-Dioxane | 9.07 | 88 | 9168 | 190.967 ug/l | # | 95 |
| 51) 4-Methyl-2-Pentanone | 10.29 | 43 | 258545 | 52.653 ug/l | | 93 |
| 52) Toluene | 10.50 | 92 | 195732 | 11.376 ug/l | | 96 |
| 53) t-1,3-Dichloropropene | 10.90 | 75 | 102282 | 9.370 ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 10.02 | 75 | 123343 | 9.808 ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 11.18 | 97 | 62492 | 10.589 ug/l | | 94 |
| 56) Ethyl methacrylate | 11.03 | 69 | 65789 | 9.796 ug/l | | 95 |
| 57) 1,3-Dichloropropane | 11.40 | 76 | 87399 | 8.992 ug/l | | 94 |
| 58) 2-Chloroethyl Vinyl ether | 9.85 | 63 | 173015 | 53.768 ug/l | | 99 |
| 59) 2-Hexanone | 11.52 | 43 | 187309 | 49.686 ug/l | | 98 |
| 60) Dibromochloromethane | 11.67 | 129 | 88383 | 10.422 ug/l | | 99 |
| 61) 1,2-Dibromoethane | 11.80 | 107 | 70813 | 10.599 ug/l | | 97 |
| 64) Tetrachloroethene | 11.25 | 164 | 80611 | 9.800 ug/l | # | 90 |
| 65) Chlorobenzene | 12.39 | 112 | 226109 | 12.118 ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 12.51 | 131 | 82859 | 11.159 ug/l | | 96 |
| 67) Ethyl Benzene | 12.52 | 91 | 350908 | 11.049 ug/l | | 94 |
| 68) m/p-Xylenes | 12.66 | 106 | 287382 | 25.603 ug/l | | 85 |
| 69) o-Xylene | 13.04 | 106 | 131377 | 12.153 ug/l | | 83 |
| 70) Styrene | 13.07 | 104 | 210472 | 11.584 ug/l | | 95 |
| 71) Bromoform | 13.22 | 173 | 50140 | 8.492 ug/l | | 97 |
| 73) Isopropylbenzene | 13.39 | 105 | 375649 | 15.619 ug/l | | 98 |
| 74) N-amyl acetate | 13.25 | 43 | 104631 | 12.587 ug/l | | 95 |
| 75) 1,1,2,2-Tetrachloroethane | 13.70 | 83 | 74843 | 12.635 ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 13.73 | 75 | 74891 | 12.245 ug/l | | 98 |
| 77) Bromobenzene | 13.67 | 156 | 93289 | 12.052 ug/l | | 87 |
| 78) n-propylbenzene | 13.77 | 91 | 438882 | 13.676 ug/l | | 97 |
| 79) 2-Chlorotoluene | 13.83 | 91 | 246316 | 13.420 ug/l | | 97 |
| 80) 1,3,5-Trimethylbenzene | 14.23 | 105 | 296004 | 14.975 ug/l | | 98 |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75 | 21167 | 10.862 ug/l | | 97 |
| 82) 4-Chlorotoluene | 13.94 | 91 | 274295 | 13.621 ug/l | | 93 |
| 83) tert-Butylbenzene | 14.18 | 119 | 325888 | 14.277 ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 14.23 | 105 | 296004 | 14.975 ug/l | | 98 |
| 85) sec-Butylbenzene | 14.37 | 105 | 369261 | 14.491 ug/l | | 95 |
| 86) p-Isopropyltoluene | 14.48 | 119 | 309716 | 14.473 ug/l | | 95 |
| 87) 1,3-Dichlorobenzene | 14.45 | 146 | 155893 | 11.012 ug/l | | 96 |
| 88) 1,4-Dichlorobenzene | 14.53 | 146 | 158947 | 11.625 ug/l | | 98 |
| 89) n-Butylbenzene | 14.79 | 91 | 300310 | 13.546 ug/l | | 95 |
| 90) Hexachloroethane | 15.01 | 117 | 81710 | 13.456 ug/l | | 91 |
| 91) 1,2-Dichlorobenzene | 14.80 | 146 | 143848 | 12.204 ug/l | | 92 |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75 | 8224 | 9.914 ug/l | | 78 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030119\
Data File : VD060910.D
Acq On : 1 Mar 2019 15:40
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Quant Time: Mar 02 01:11:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 01 16:47:52 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180 | 77989 | 9.349 | ug/l | 98 |
| 94) Hexachlorobutadiene | 16.03 | 225 | 46497 | 9.290 | ug/l | 94 |
| 95) Naphthalene | 16.12 | 128 | 128869 | 10.247 | ug/l | 98 |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180 | 48573 | 7.572 | ug/l | 95 |

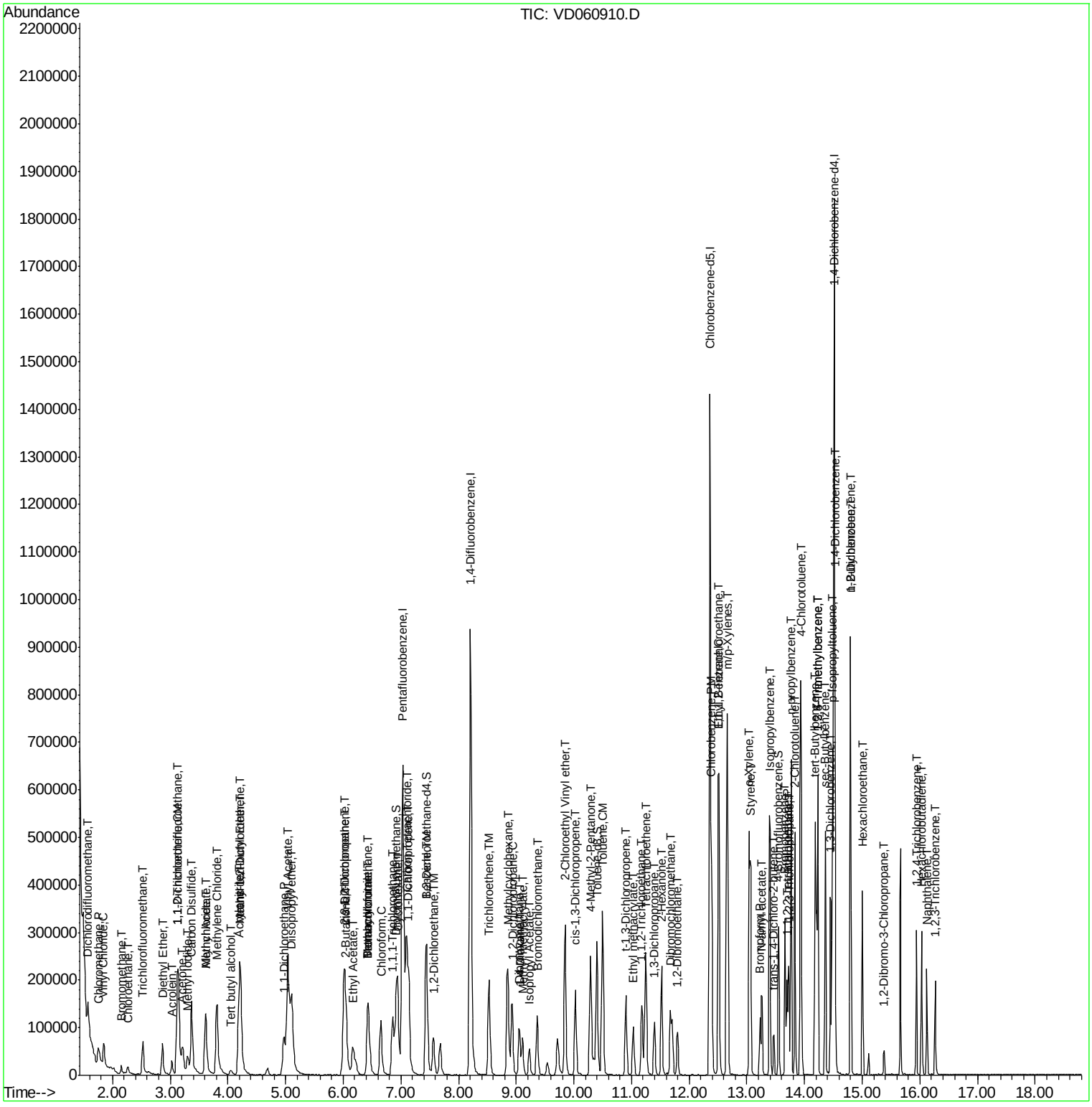
(#) = qualifier out of range (m) = manual integration (+) = signals summed

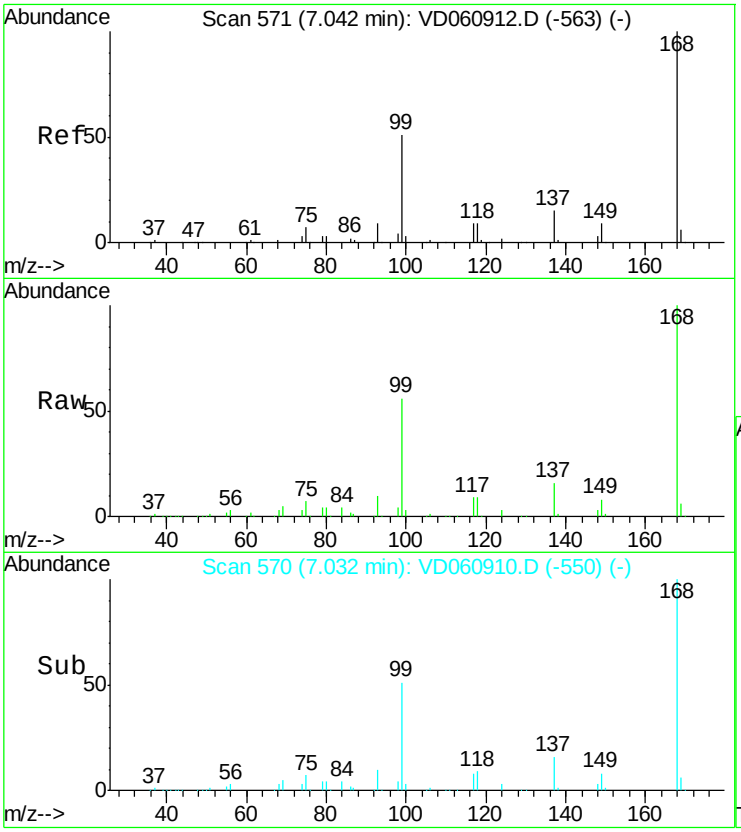
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030119\
Data File : VD060910.D
Acq On : 1 Mar 2019 15:40
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Quant Time: Mar 02 01:11:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 01 16:47:52 2019
Response via : Initial Calibration



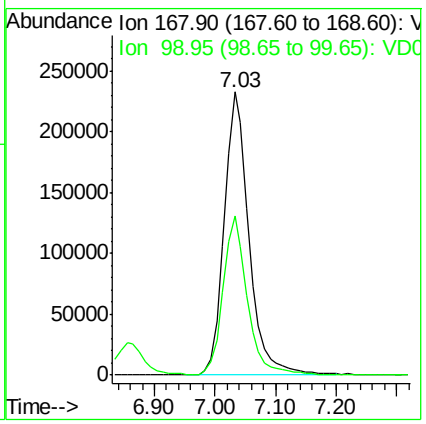


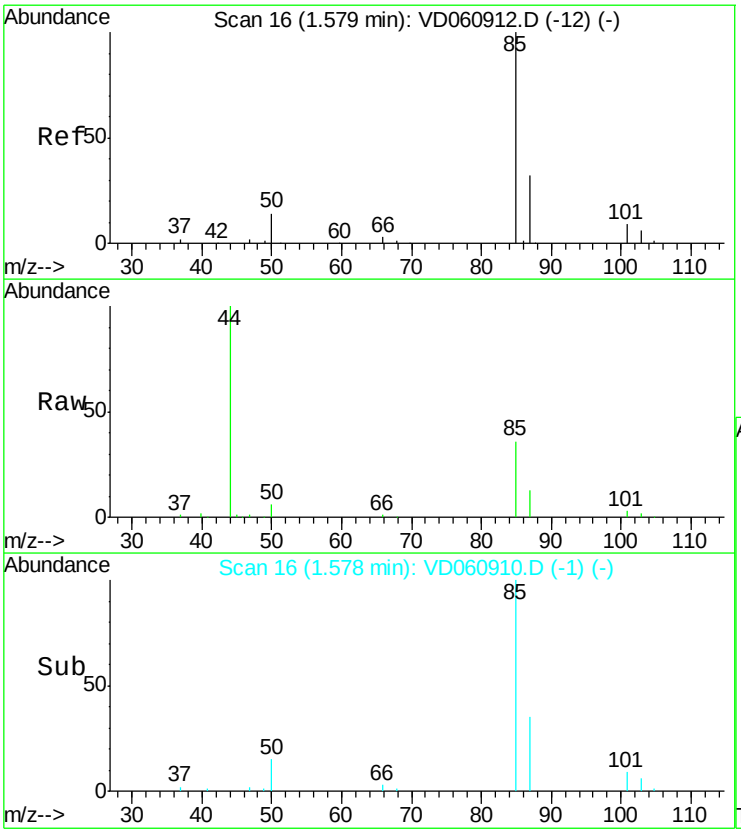

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion:168 Resp: 659465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 56.2 | 38.2 | 57.4 |

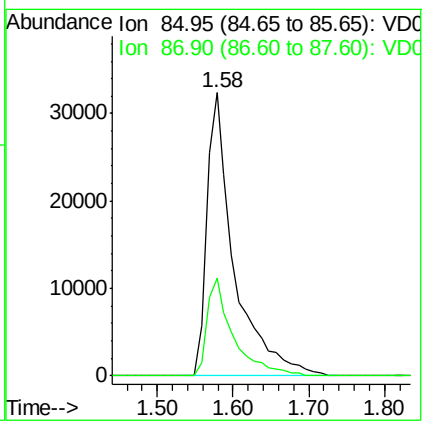


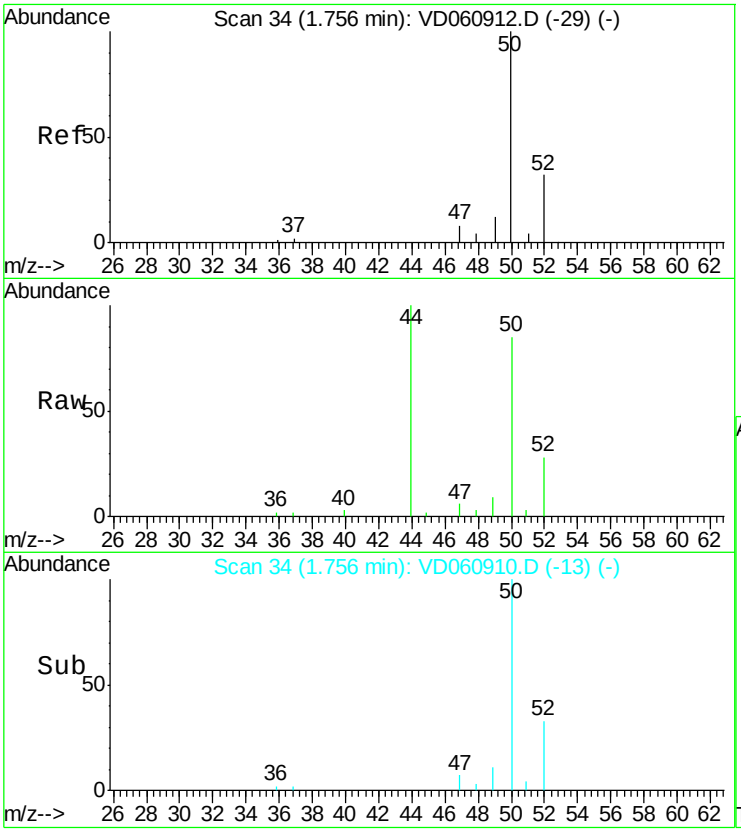




#2
Dichlorodifluoromethane
Concen: 11.311 ug/l
RT: 1.58 min Scan# 16
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 85 Resp: 81342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 34.7 | 16.1 | 48.2 |



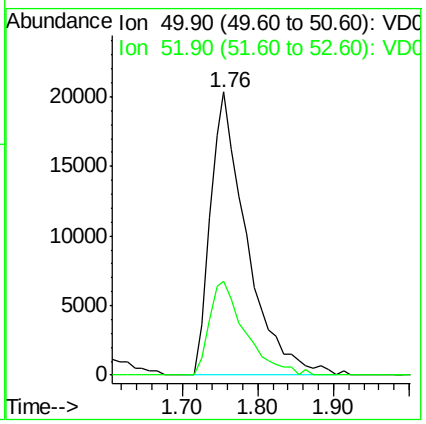


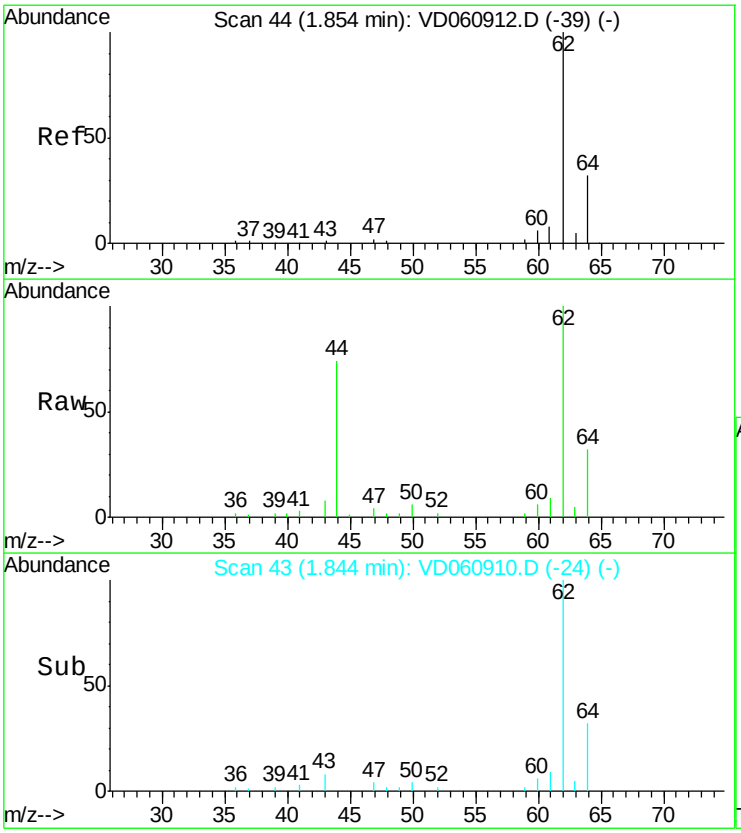

#3
Chloromethane
Concen: 15.369 ug/l
RT: 1.76 min Scan# 34
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 50 Resp: 67945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.4 | 26.8 | 40.2 |

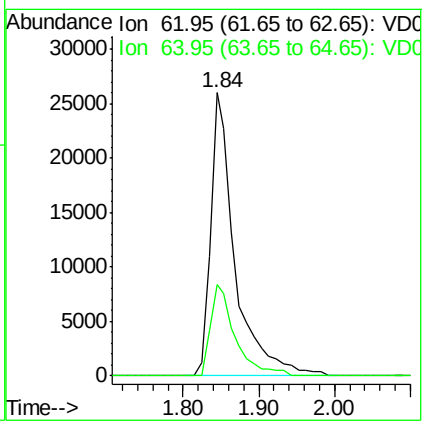


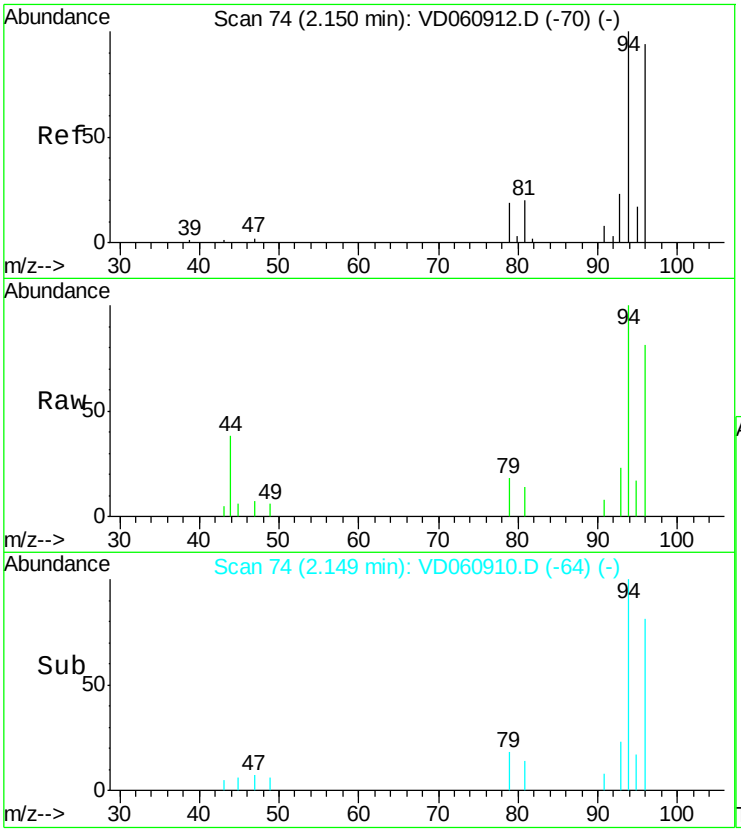




#4
Vinyl Chloride
Concen: 14.240 ug/l
RT: 1.84 min Scan# 43
Delta R.T. -0.02 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 62 Resp: 58507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.1 | 26.3 | 39.5 |



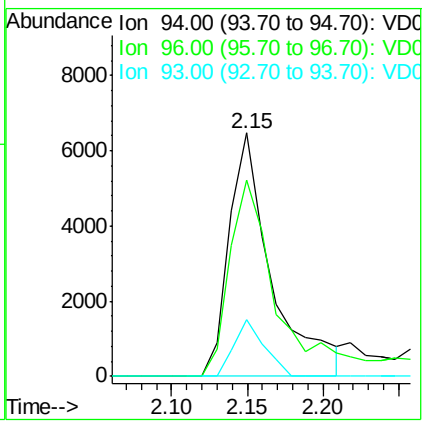


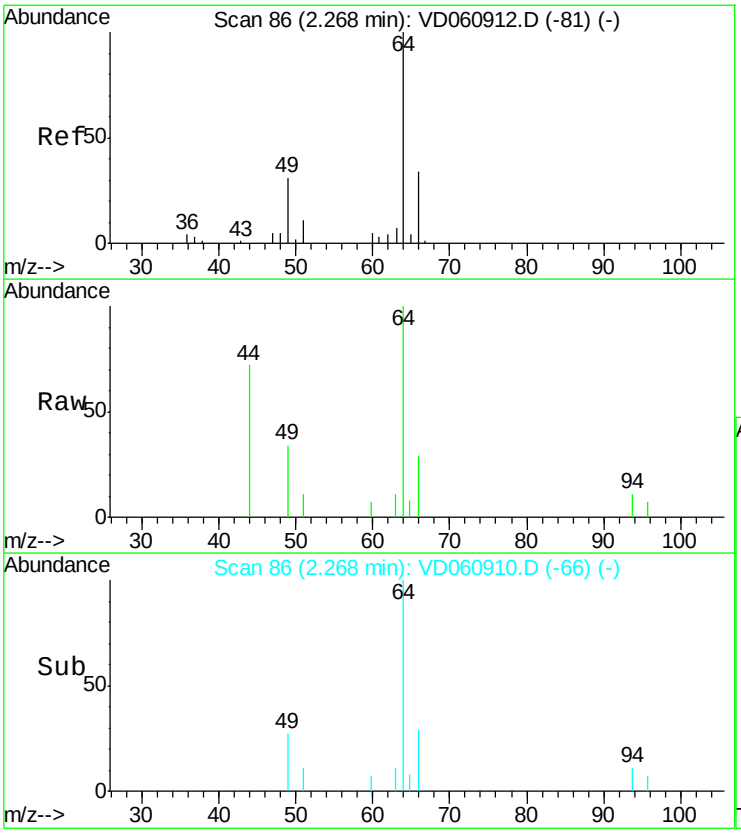

#5
Bromomethane
Concen: 16.450 ug/l
RT: 2.15 min Scan# 74
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Tgt Ion: 94 Resp: 12646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 80.9 | 81.0 | 121.4# |
| 93 | 23.3 | 0.0 | 0.0# |

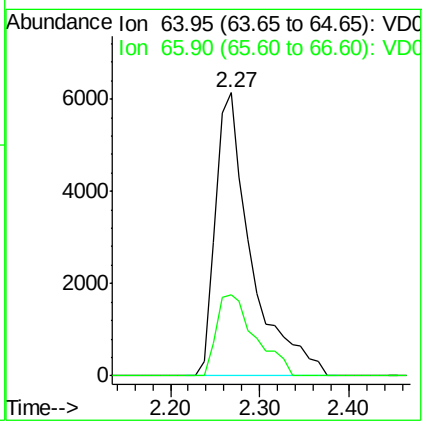


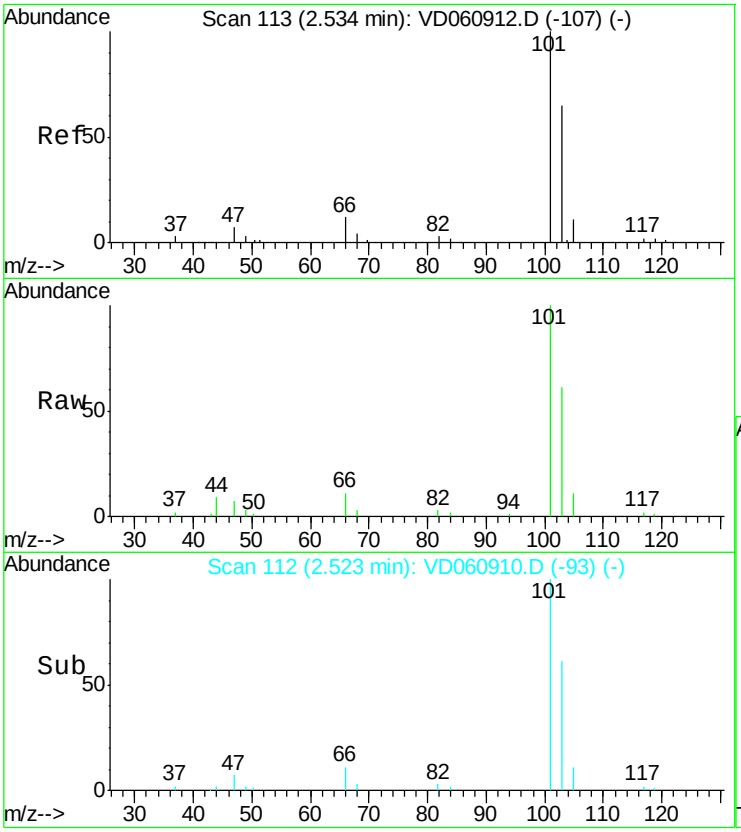




#6
Chloroethane
Concen: 15.466 ug/l
RT: 2.27 min Scan# 86
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 64 Resp: 17243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 28.8 | 25.8 | 38.6 |

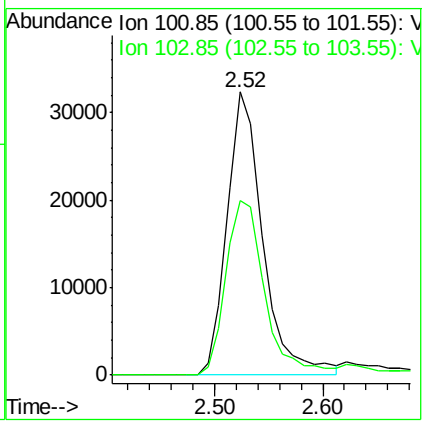




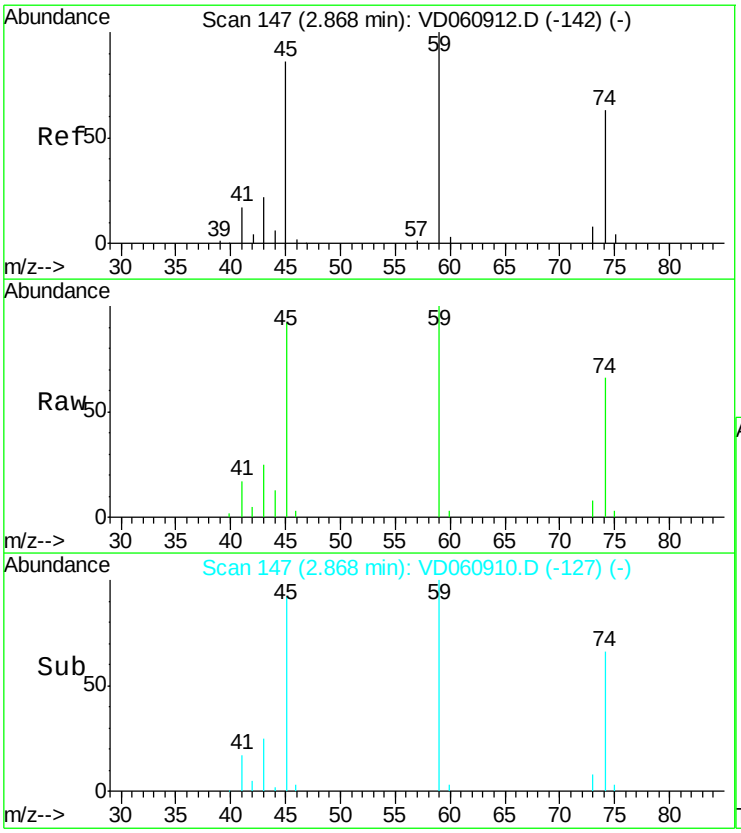

#7
Trichlorofluoromethane
Concen: 11.215 ug/l
RT: 2.52 min Scan# 112
Delta R.T. -0.02 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:101 Resp: 74692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 61.5 | 48.6 | 72.8 |



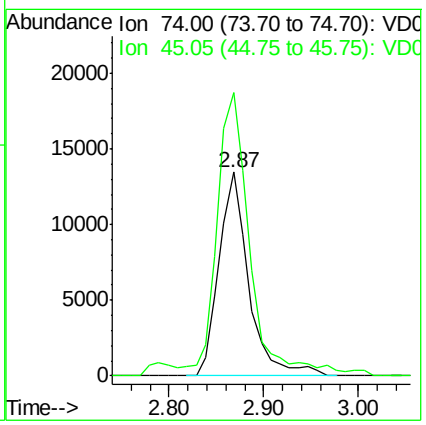

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

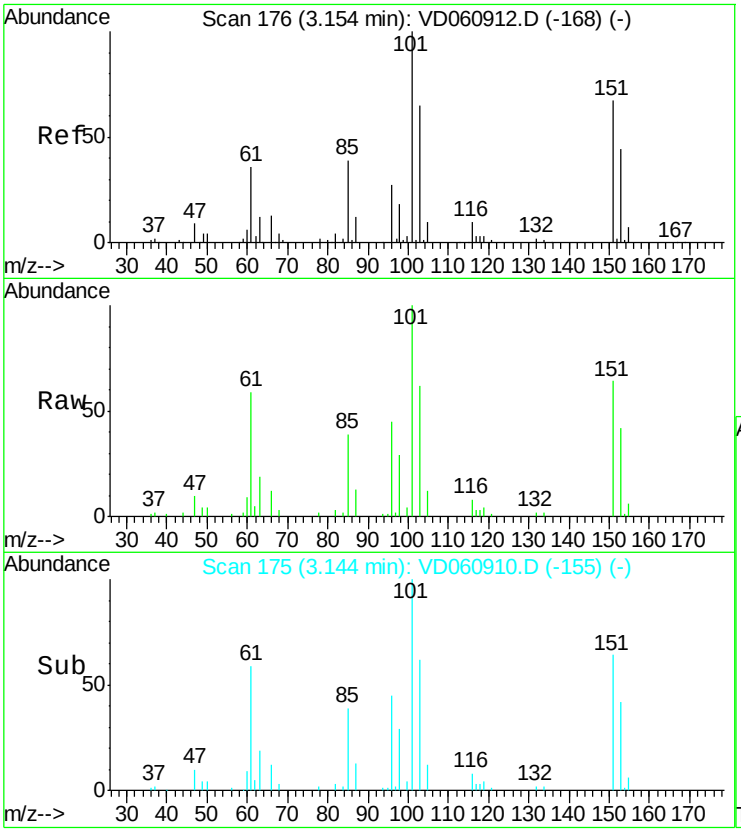



#8
Diethyl Ether
Concen: 25.632 ug/l
RT: 2.87 min Scan# 147
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 74 Resp: 29357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 138.9 | 64.8 | 194.4 |



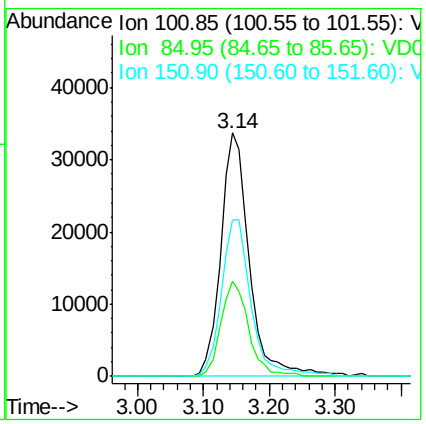


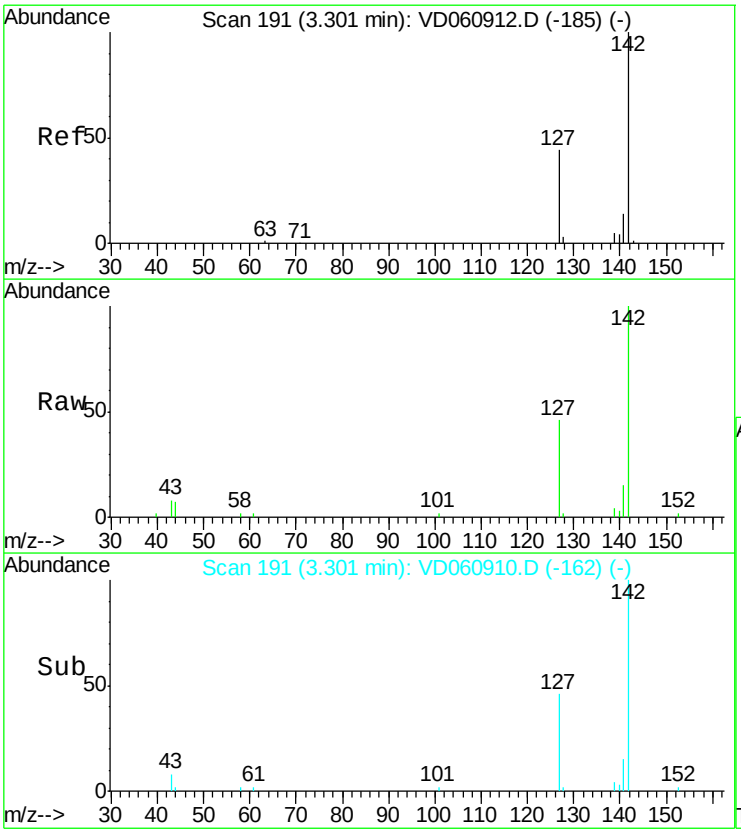

#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.808 ug/l
RT: 3.14 min Scan# 175
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion:101 Resp: 101605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 38.9 | 34.7 | 52.1 |
| 151 | 64.2 | 61.2 | 91.8 |

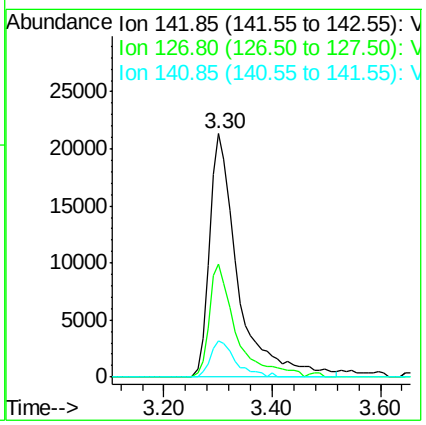


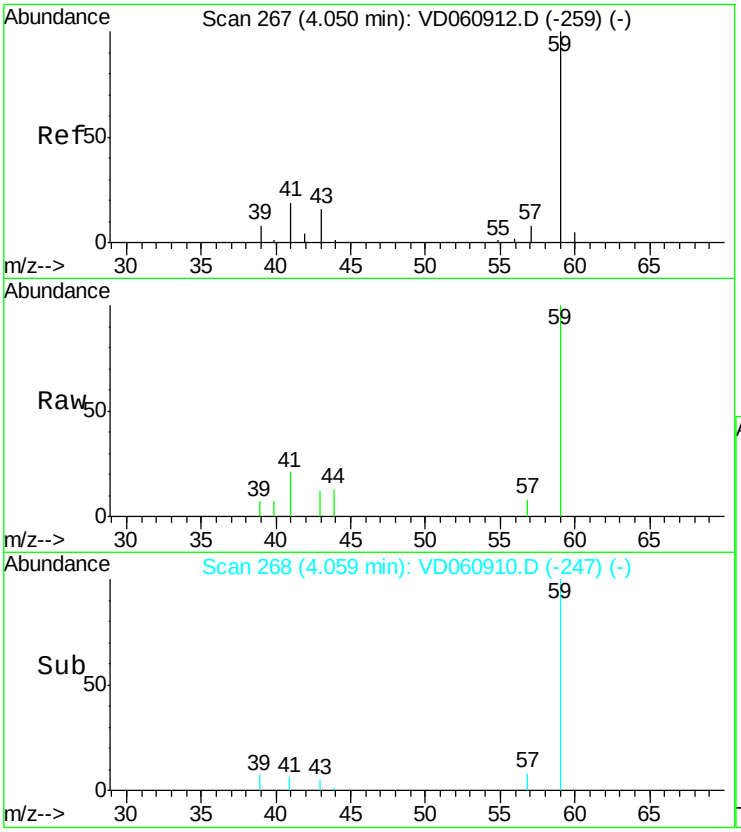




#10
Methyl Iodide
Concen: 6.671 ug/l
RT: 3.30 min Scan# 191
Delta R.T. -0.02 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:142 Resp: 78005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 46.2 | 34.2 | 51.4 |
| 141 | 15.0 | 11.4 | 17.2 |



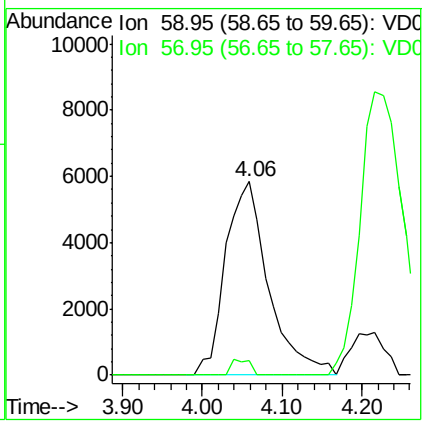


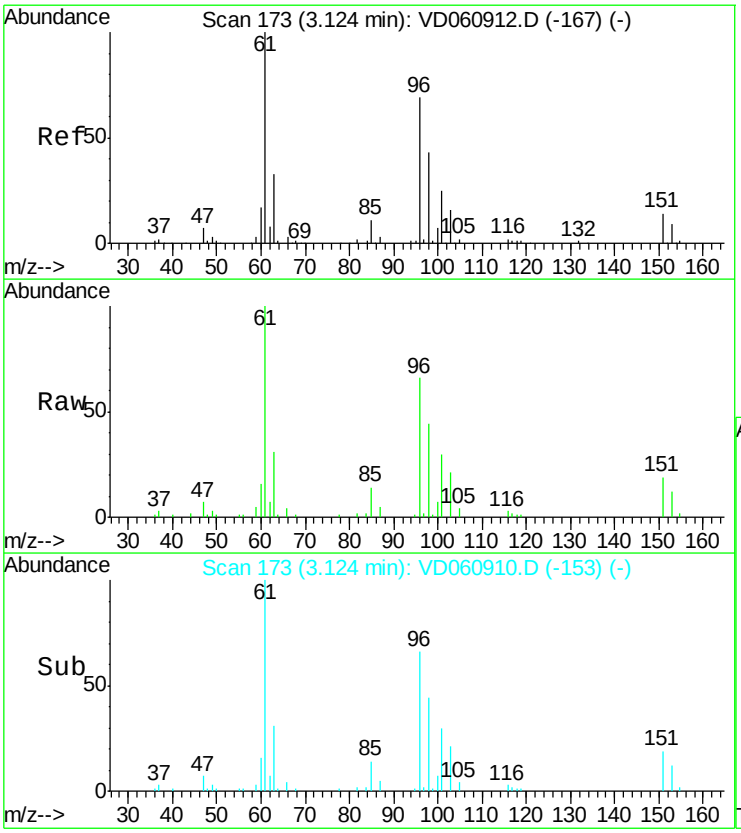

#11
Tert butyl alcohol
Concen: 59.155 ug/l
RT: 4.06 min Scan# 268
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 59 Resp: 22017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 7.6 | 5.8 | 8.8 |

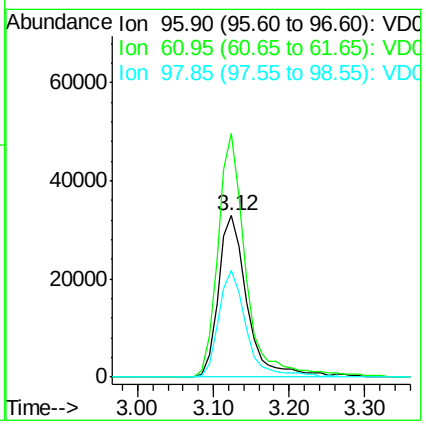


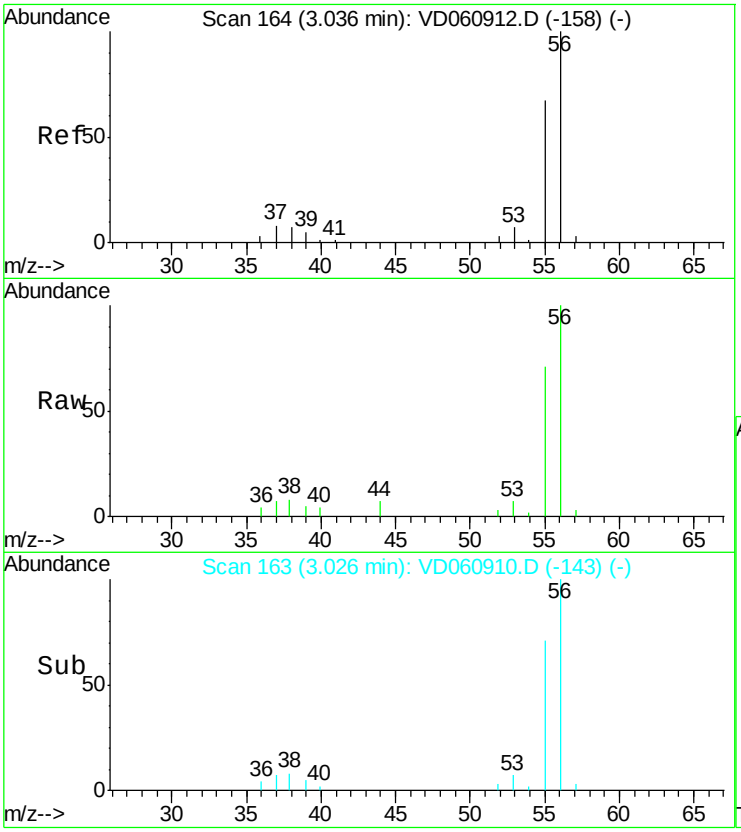




#12
1,1-Dichloroethene
Concen: 28.396 ug/l
RT: 3.12 min Scan# 173
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 96 Resp: 86883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 150.7 | 112.4 | 168.6 |
| 98 | 66.1 | 51.0 | 76.6 |



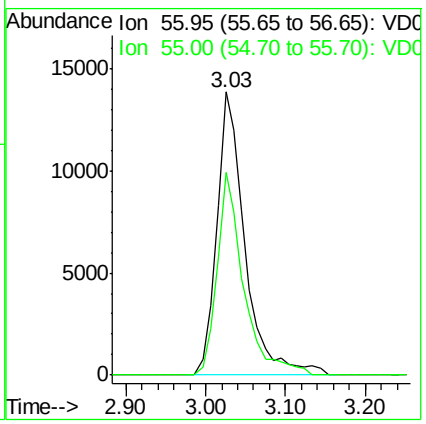


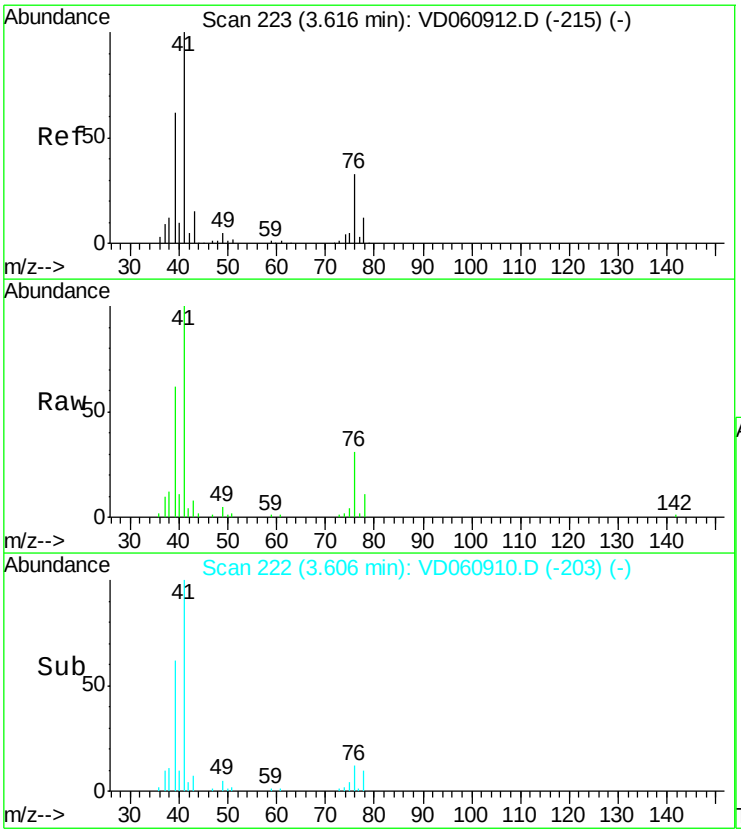

#13
Acrolein
Concen: 165.534 ug/l
RT: 3.03 min Scan# 163
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Tgt Ion: 56 Resp: 34159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.5 | 56.8 | 85.2 |

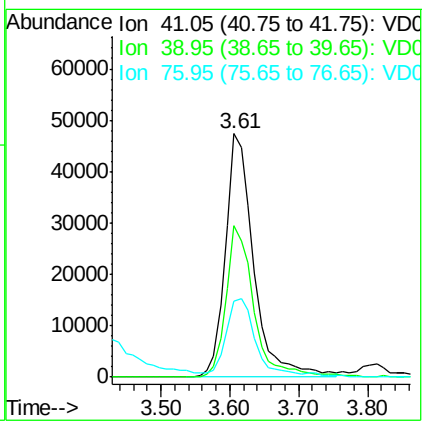


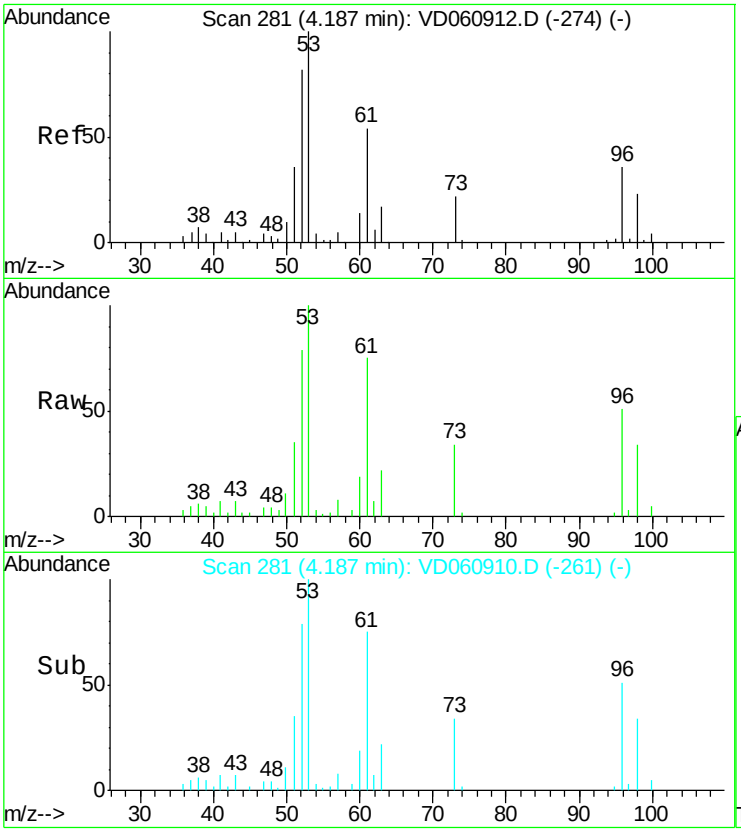




#14
Allyl chloride
Concen: 13.521 ug/l
RT: 3.61 min Scan# 222
Delta R.T. -0.02 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 41 Resp: 135065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 62.2 | 55.7 | 83.5 |
| 76 | 31.2 | 31.3 | 46.9# |



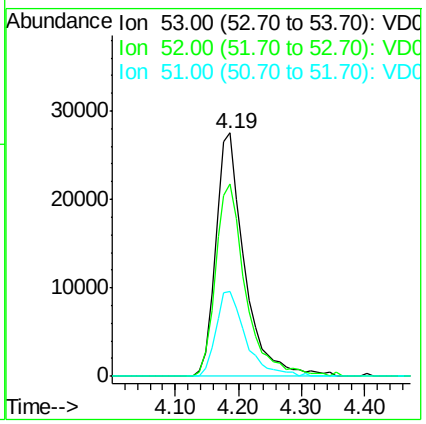


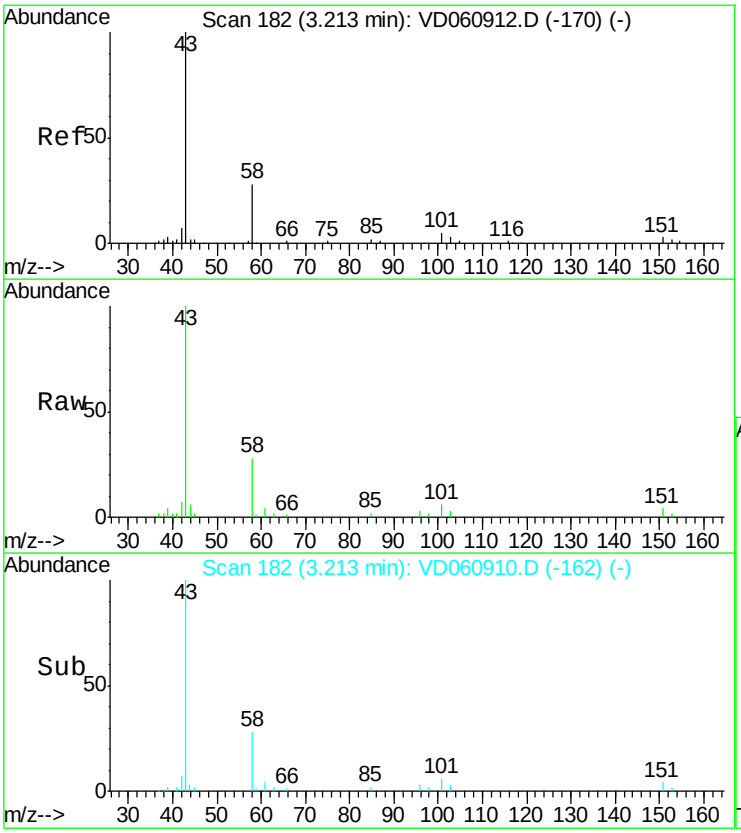

#15
Acrylonitrile
Concen: 75.150 ug/l
RT: 4.19 min Scan# 281
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Tgt Ion: 53 Resp: 87340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 79.3 | 66.2 | 99.2 |
| 51 | 34.7 | 31.0 | 46.6 |

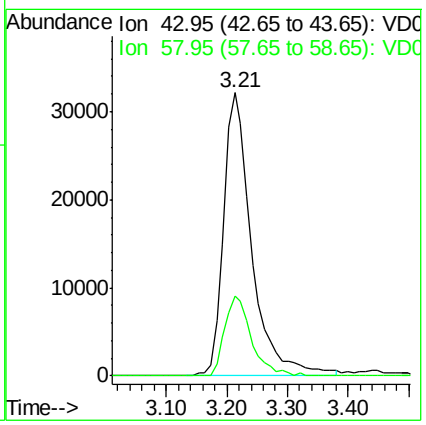


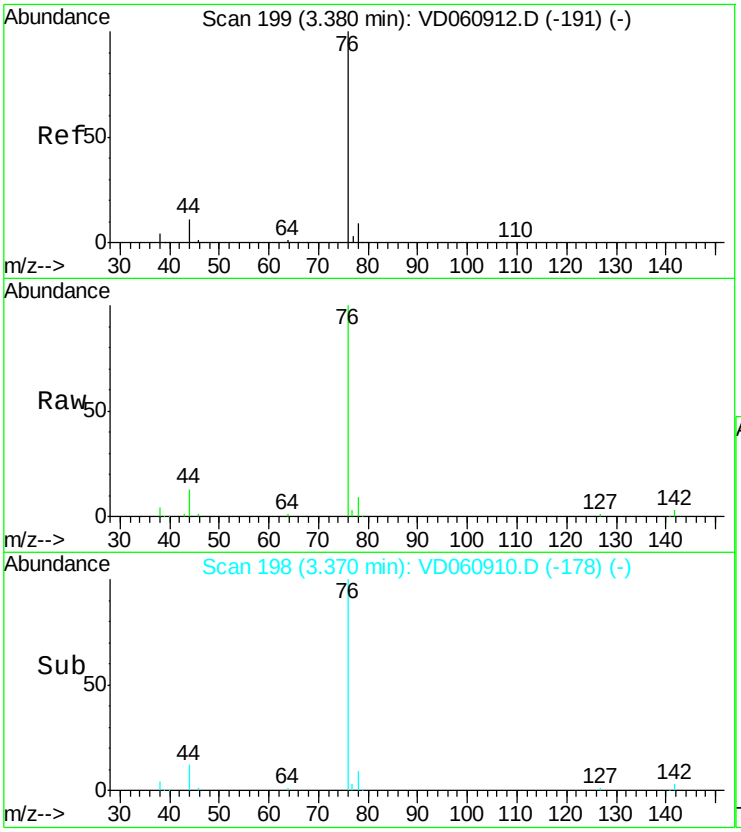




#16
Acetone
Concen: 69.665 ug/l
RT: 3.21 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 43 Resp: 103598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.2 | 18.4 | 27.6# |



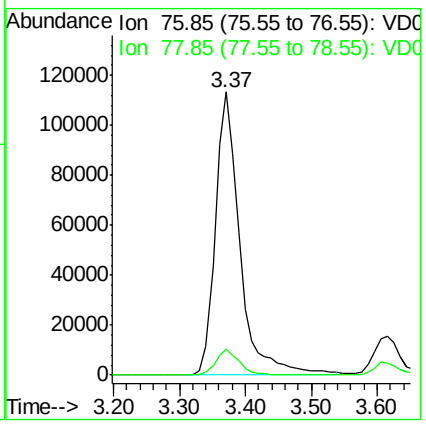


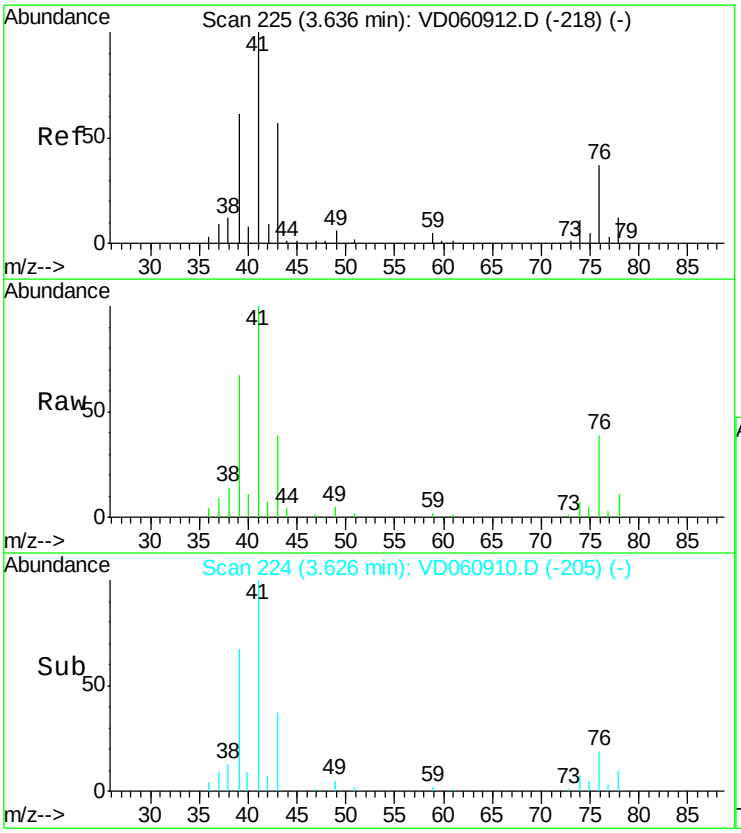

#17
Carbon Disulfide
Concen: 12.978 ug/l
RT: 3.37 min Scan# 198
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 76 Resp: 293391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 7.3 | 10.9 |

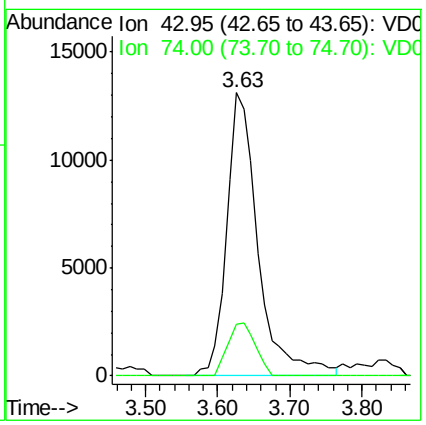


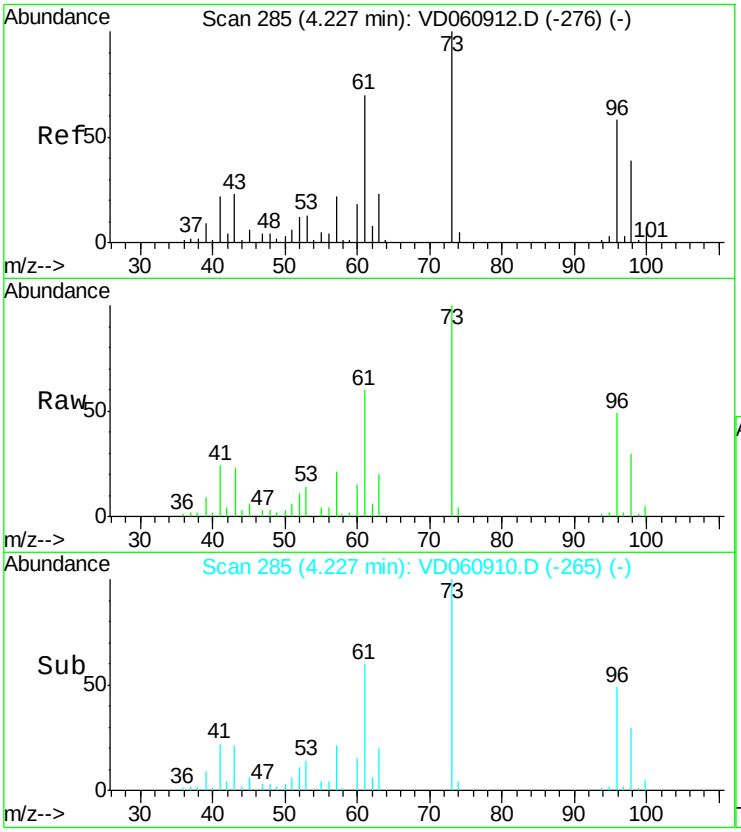




#18
Methyl Acetate
Concen: 12.874 ug/l
RT: 3.63 min Scan# 224
Delta R.T. -0.02 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 43 Resp: 39721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 18.1 | 18.6 | 28.0# |



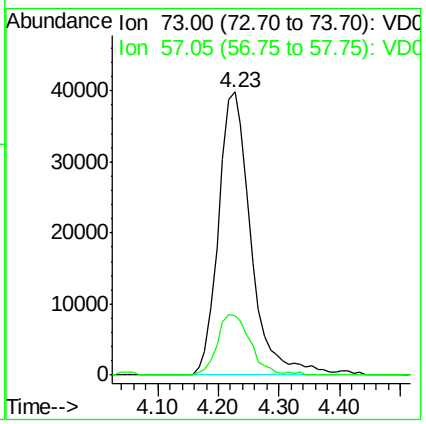


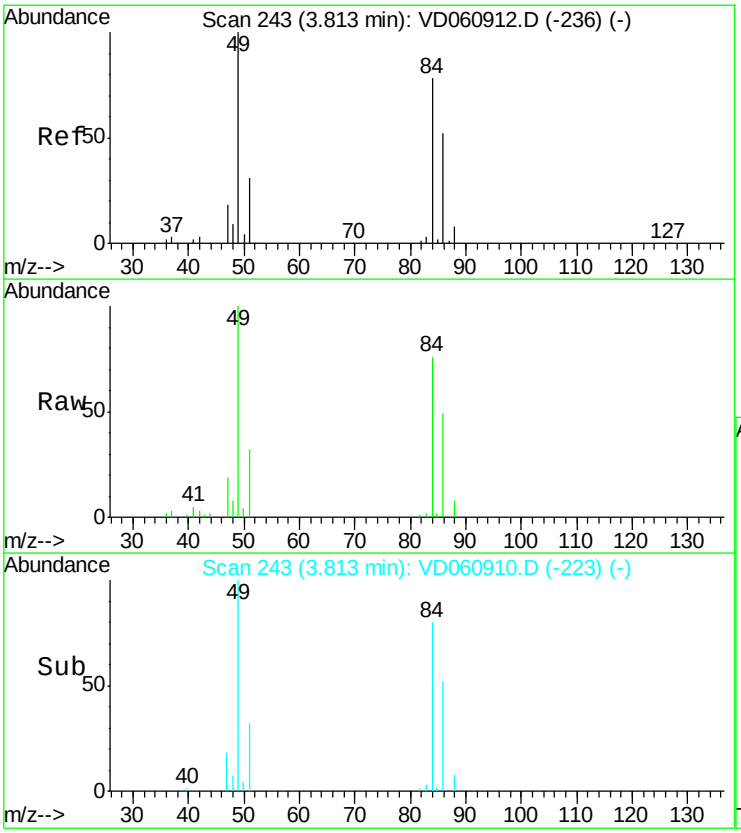

#19
Methyl tert-butyl Ether
Concen: 11.525 ug/l
RT: 4.23 min Scan# 285
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 73 Resp: 147821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.2 | 14.4 | 21.6 |

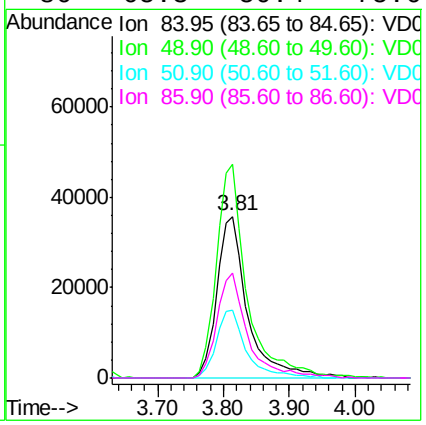


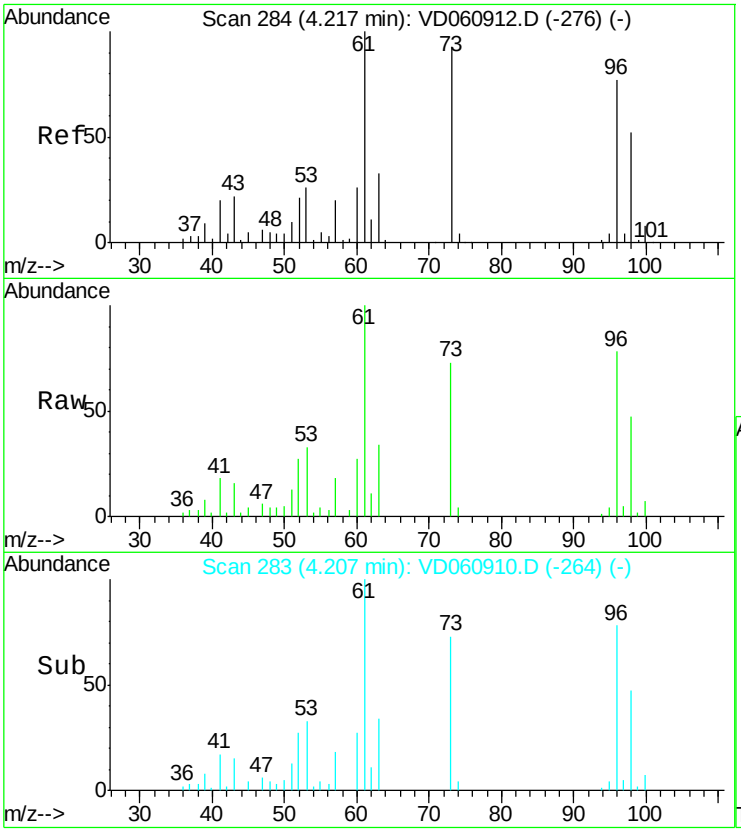




#20
Methylene Chloride
Concen: 13.886 ug/l
RT: 3.81 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 84 Resp: 116007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 132.1 | 84.7 | 127.1# |
| 51 | 41.9 | 26.4 | 39.6# |
| 86 | 65.3 | 50.4 | 75.6 |



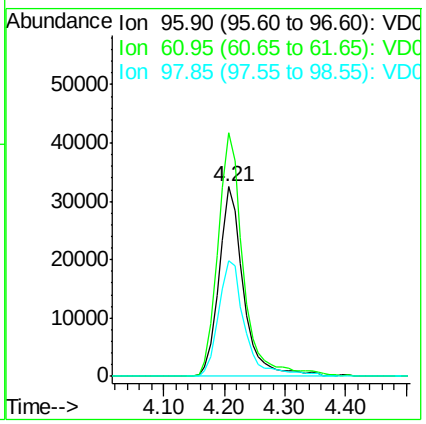


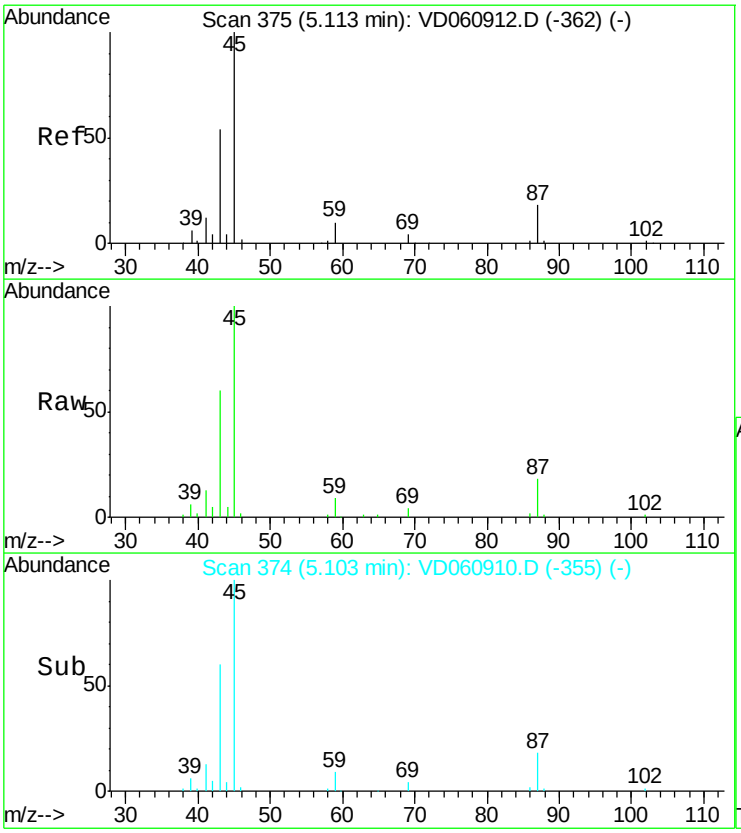

#21
trans-1,2-Dichloroethene
Concen: 13.513 ug/l
RT: 4.21 min Scan# 283
Delta R.T. -0.02 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 96 Resp: 91627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 128.5 | 100.1 | 150.1 |
| 98 | 60.8 | 49.9 | 74.9 |

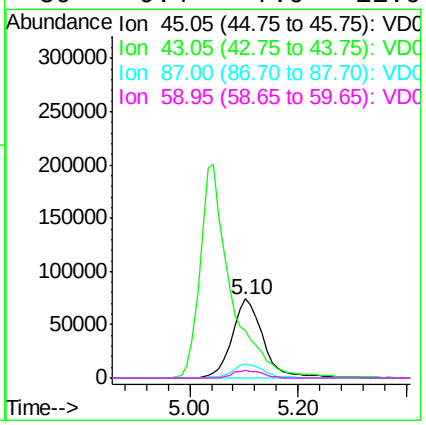


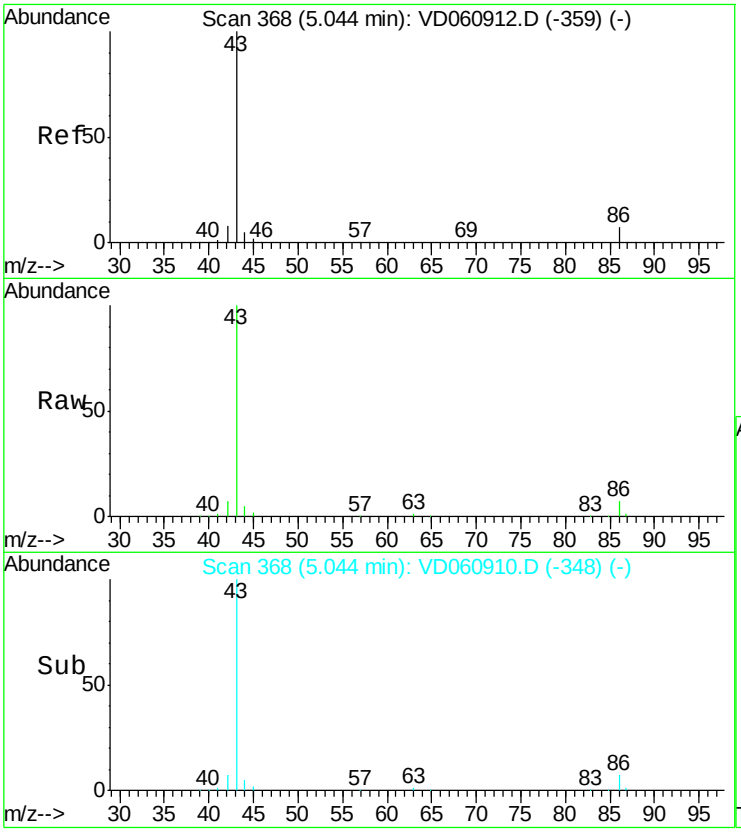




#22
Diisopropyl ether
Concen: 15.126 ug/l
RT: 5.10 min Scan# 374
Delta R.T. -0.02 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 45 Resp: 296392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 59.9 | 49.6 | 74.4 |
| 87 | 18.3 | 17.0 | 25.4 |
| 59 | 9.4 | 7.9 | 11.9 |



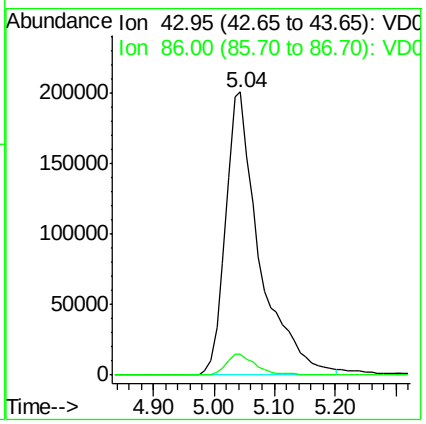


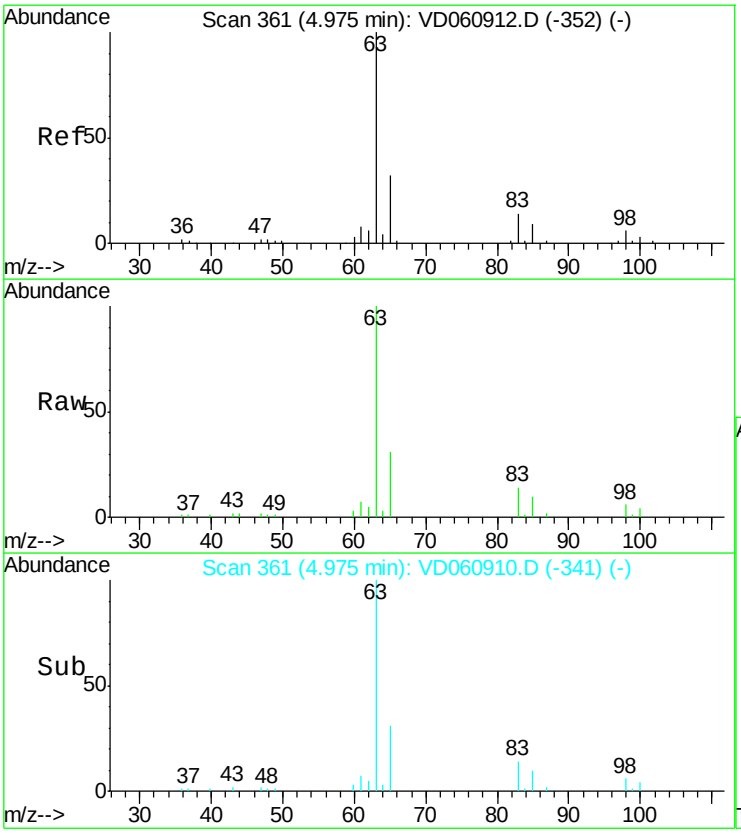

#23
Vinyl Acetate
Concen: 70.742 ug/l
RT: 5.04 min Scan# 368
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Tgt Ion: 43 Resp: 784413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 7.5 | 6.5 | 9.7 |

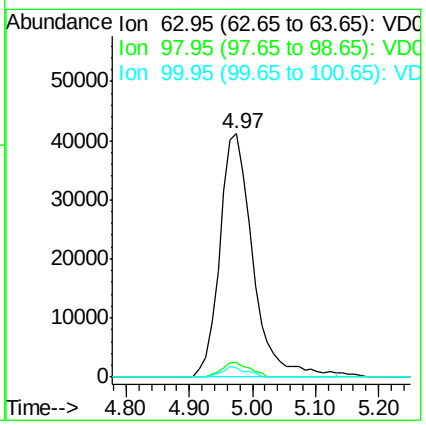


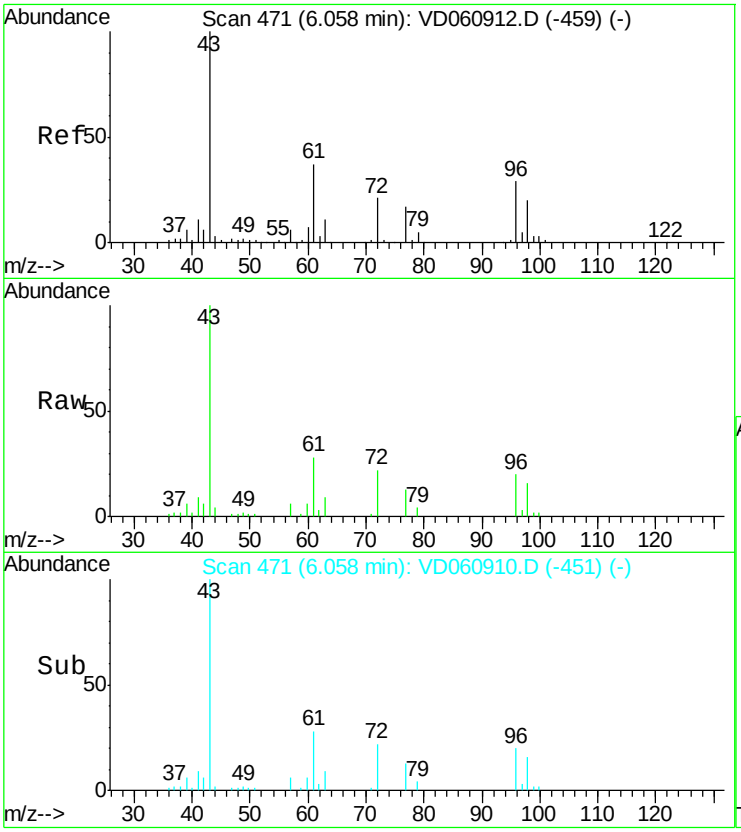




#24
1,1-Dichloroethane
Concen: 14.008 ug/l
RT: 4.97 min Scan# 361
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 63 Resp: 149951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.2 | 2.9 | 8.6 |
| 100 | 3.7 | 1.8 | 5.3 |



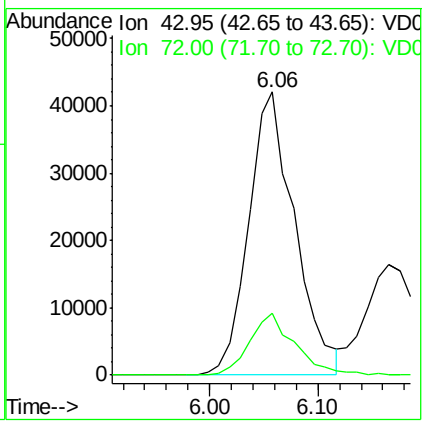


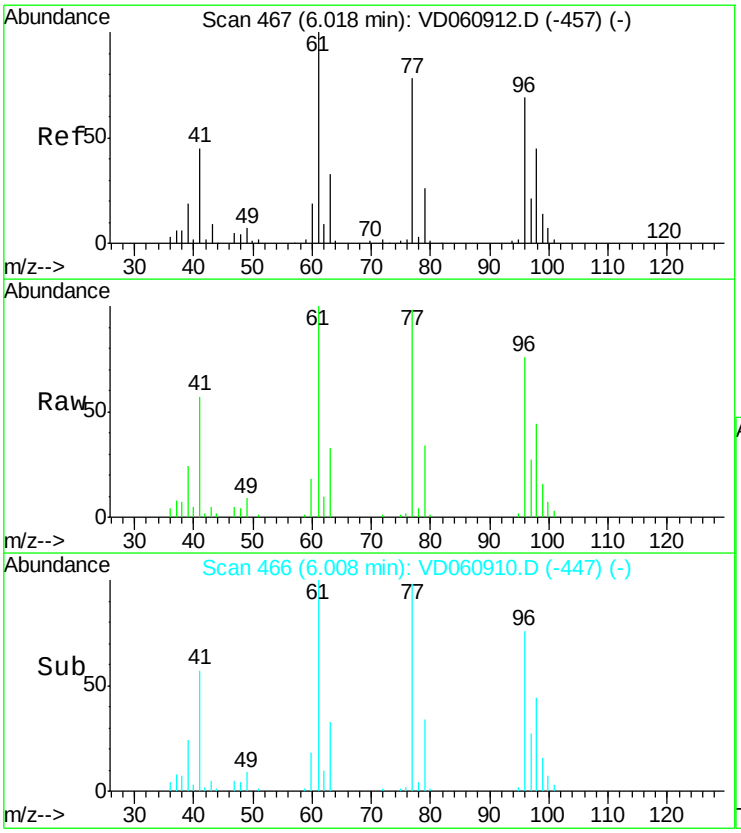

#25
2-Butanone
Concen: 63.369 ug/l
RT: 6.06 min Scan# 471
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 43 Resp: 124375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.9 | 16.8 | 25.2 |

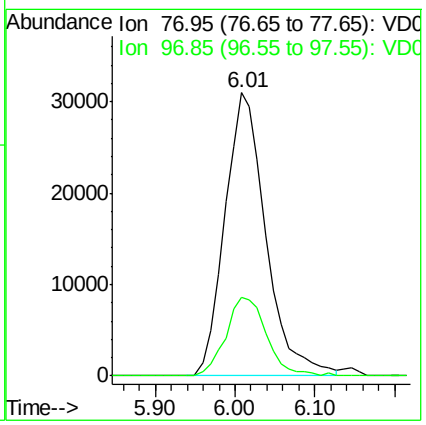


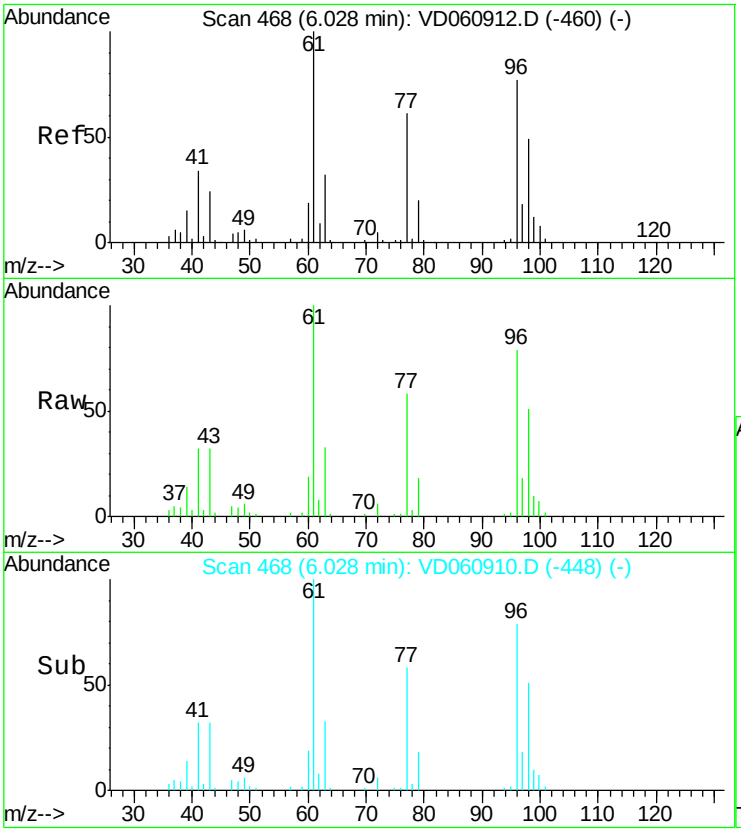




#26
2,2-Dichloropropane
Concen: 10.903 ug/l
RT: 6.01 min Scan# 466
Delta R.T. -0.02 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 77 Resp: 110793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 27.6 | 11.7 | 35.1 |



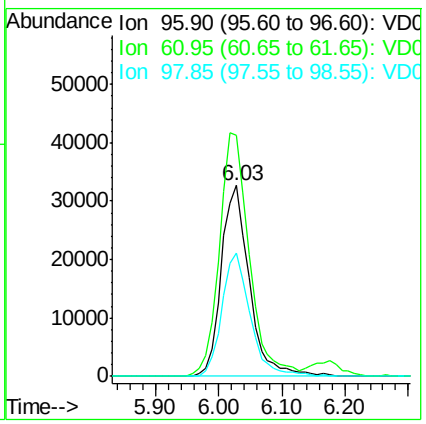


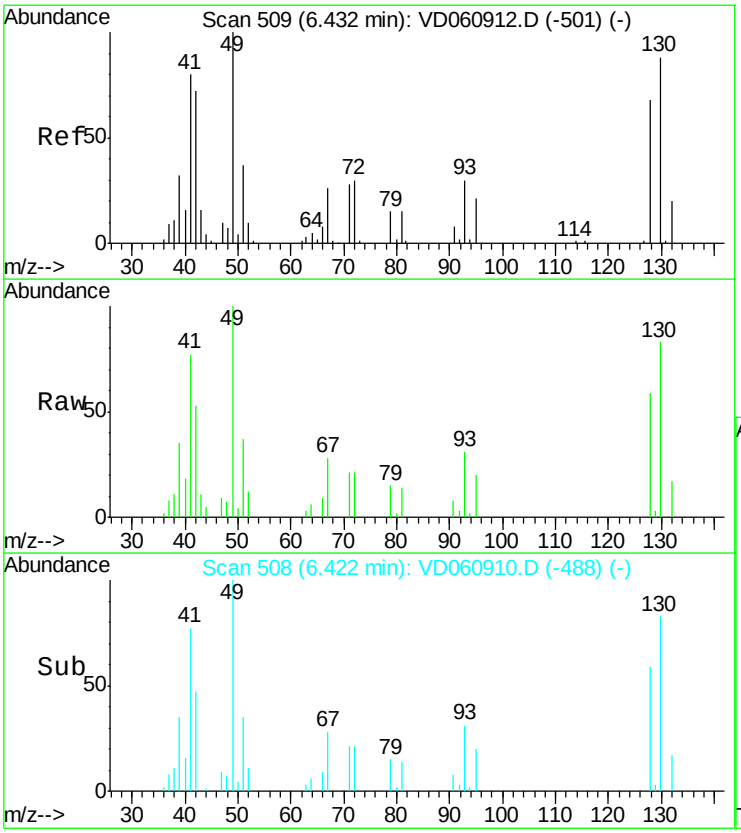

#27
cis-1,2-Dichloroethene
Concen: 13.571 ug/l
RT: 6.03 min Scan# 468
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 96 Resp: 101049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 126.5 | 0.0 | 259.0 |
| 98 | 64.9 | 0.0 | 132.4 |

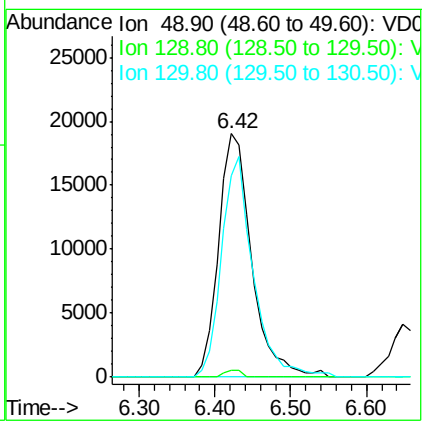


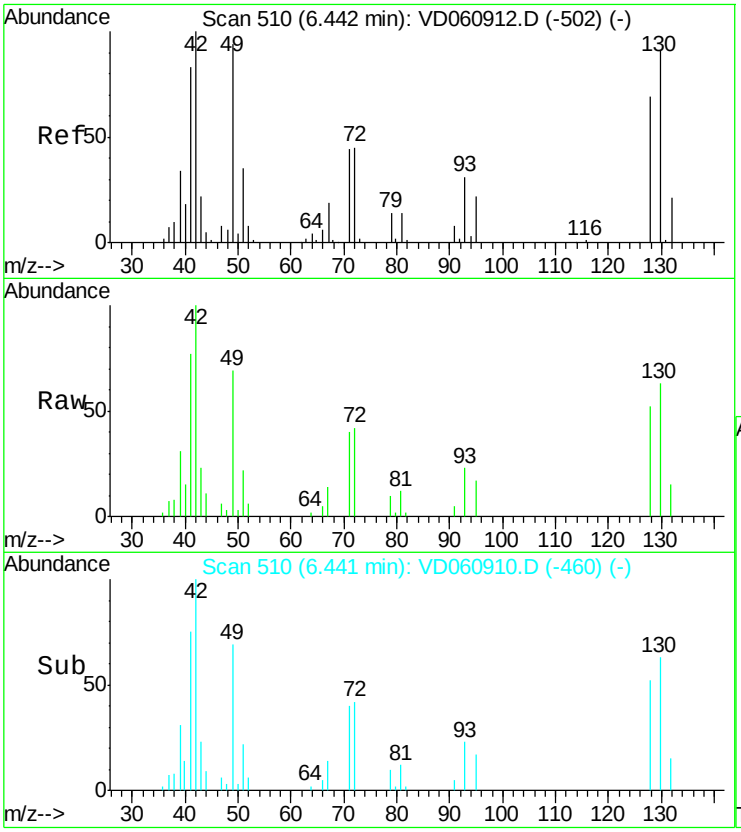




#28
Bromochloromethane
Concen: 13.672 ug/l
RT: 6.42 min Scan# 508
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 49 Resp: 57574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.6 | 0.0 | 3.8 |
| 130 | 82.7 | 69.8 | 104.8 |



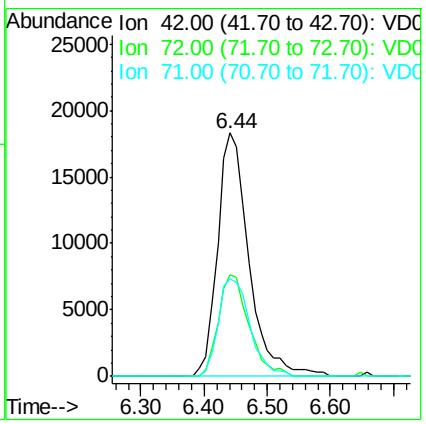


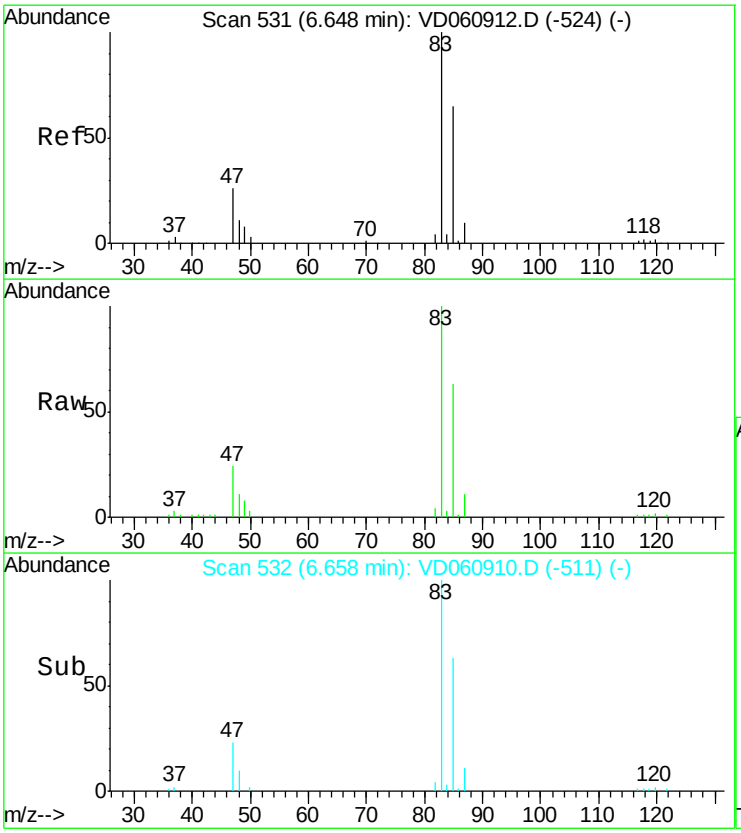

#29
Tetrahydrofuran
Concen: 64.680 ug/l
RT: 6.44 min Scan# 510
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 42 Resp: 63260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 40.8 | 36.2 | 54.2 |
| 71 | 40.6 | 35.4 | 53.0 |

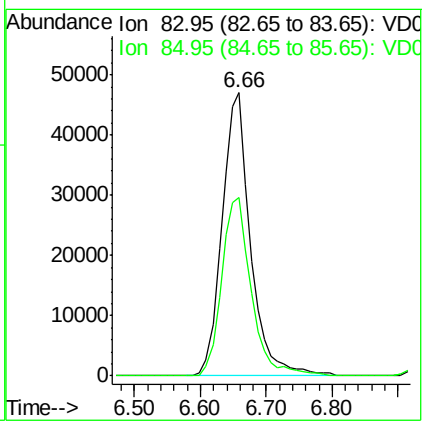


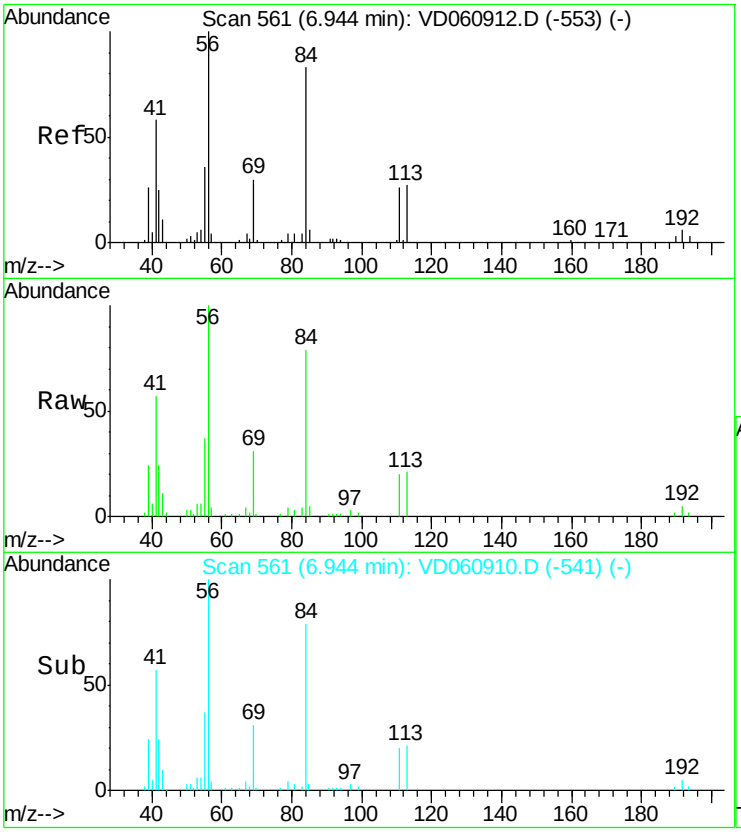




#30
Chloroform
Concen: 11.199 ug/l
RT: 6.66 min Scan# 532
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 83 Resp: 141813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.2 | 51.5 | 77.3 |



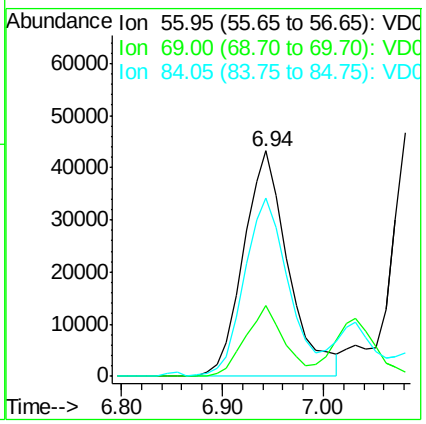


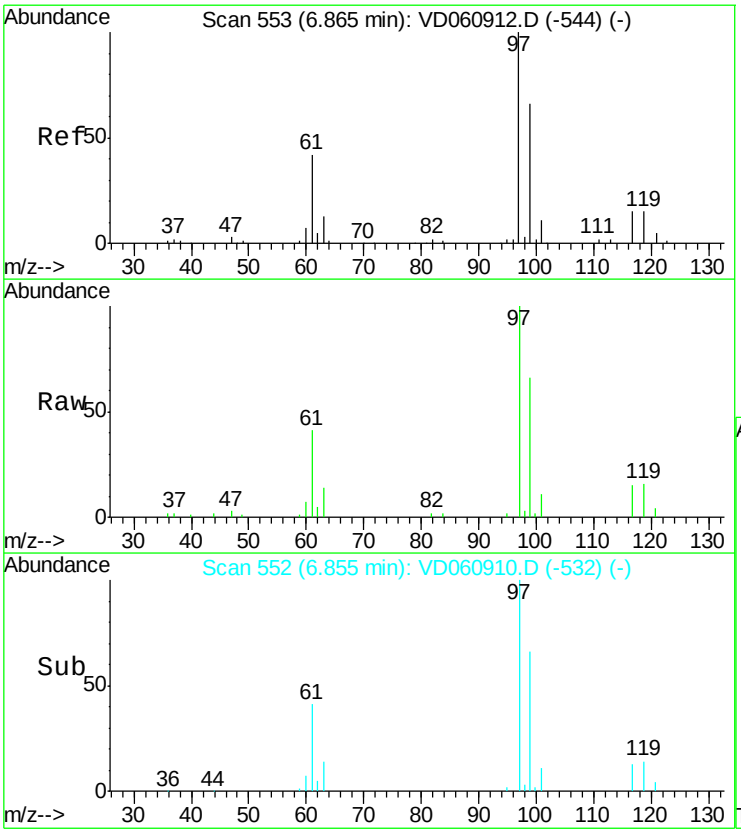

#31
Cyclohexane
Concen: 15.058 ug/l
RT: 6.94 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 56 Resp: 133689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.4 | 25.3 | 37.9 |
| 84 | 78.9 | 78.1 | 117.1 |

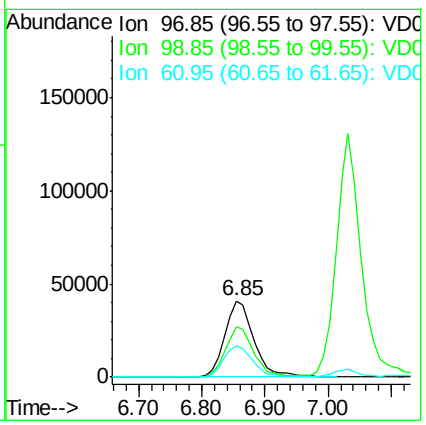


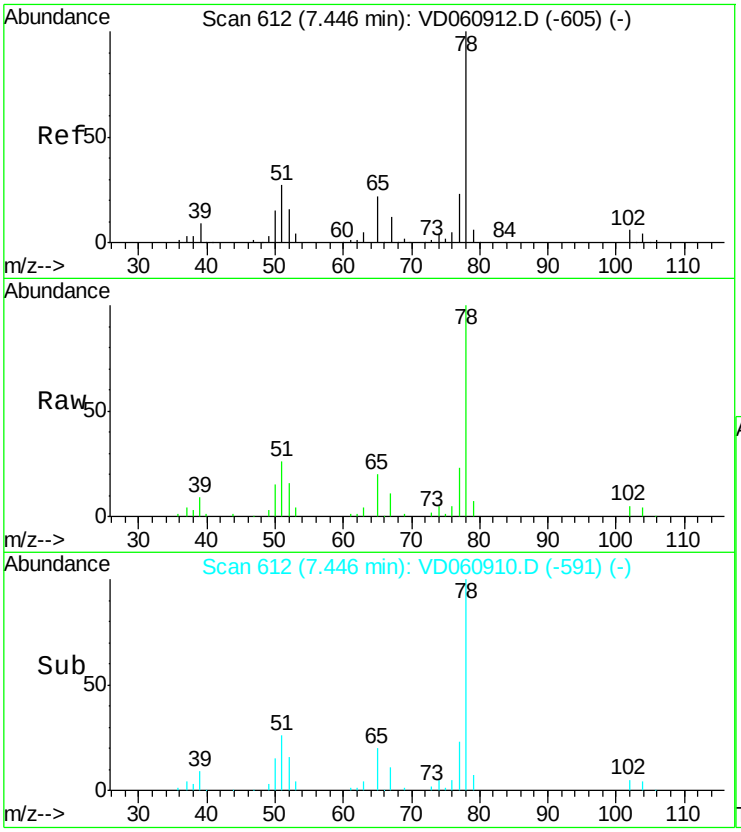




#32
1,1,1-Trichloroethane
Concen: 13.162 ug/l
RT: 6.85 min Scan# 552
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 97 Resp: 129756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 66.2 | 51.0 | 76.4 |
| 61 | 41.2 | 31.9 | 47.9 |



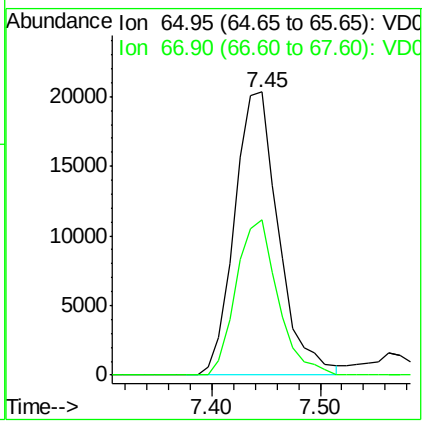


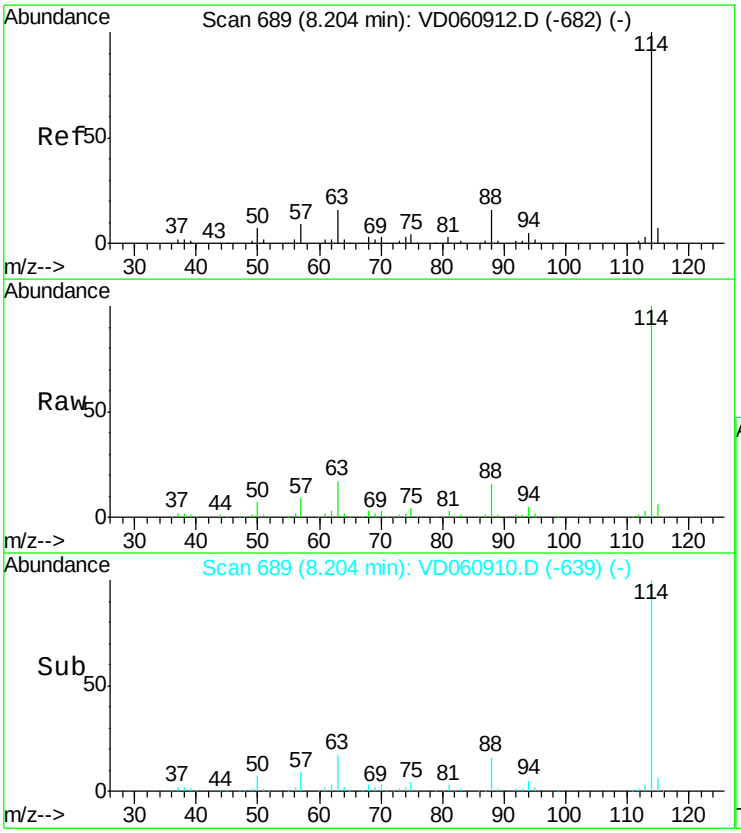

#33
1,2-Dichloroethane-d4
Concen: 13.162 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Tgt Ion: 65 Resp: 57793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 55.0 | 0.0 | 106.0 |

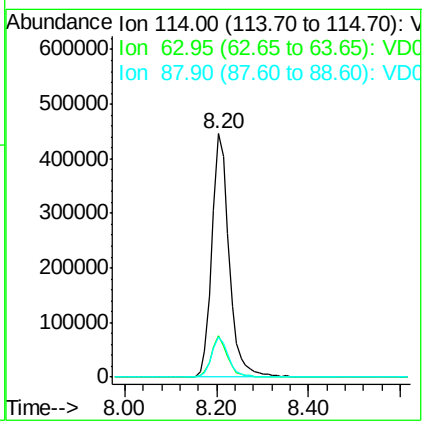


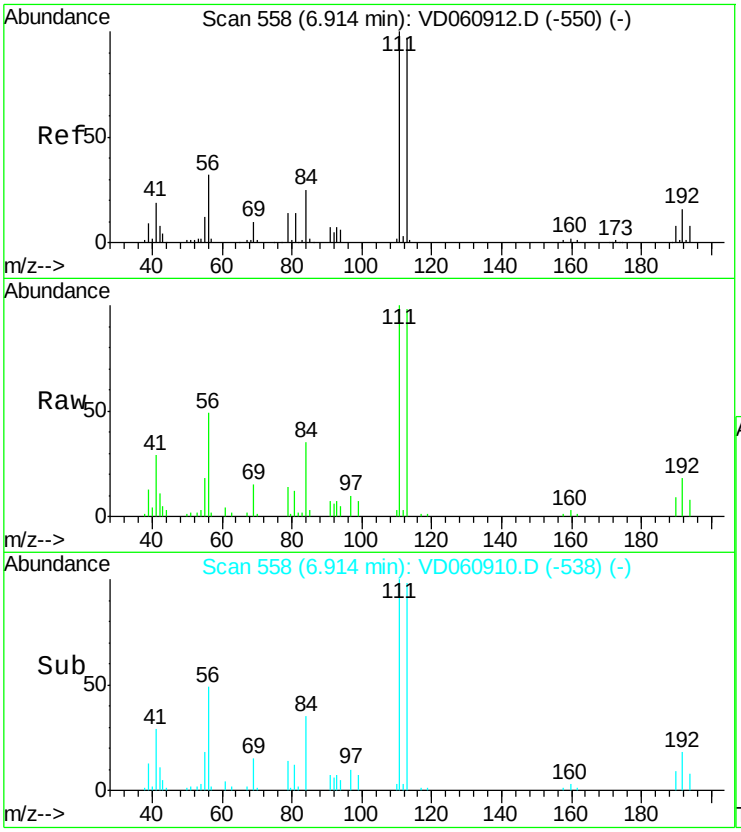




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 689
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:114 Resp: 1142492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 16.8 | 0.0 | 34.8 |
| 88 | 16.5 | 0.0 | 39.0 |



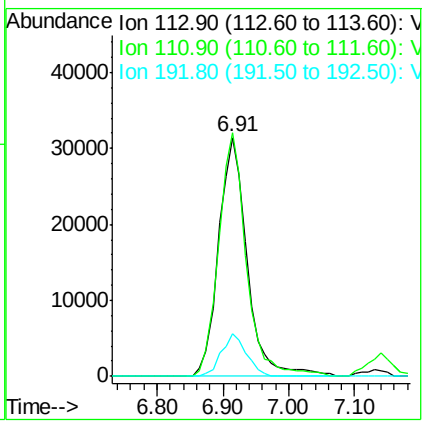


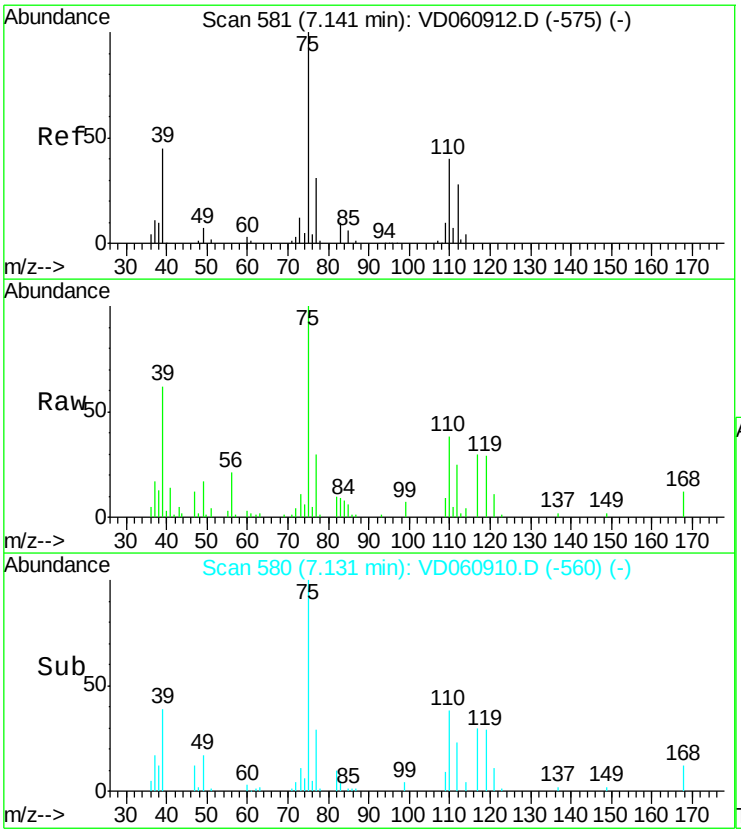

#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.91 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion:113 Resp: 95142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.0 | 81.9 | 122.9 |
| 192 | 17.9 | 16.9 | 25.3 |

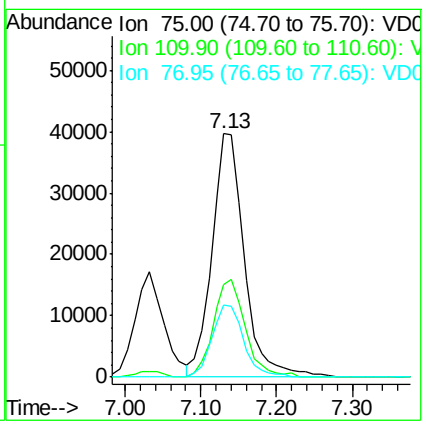


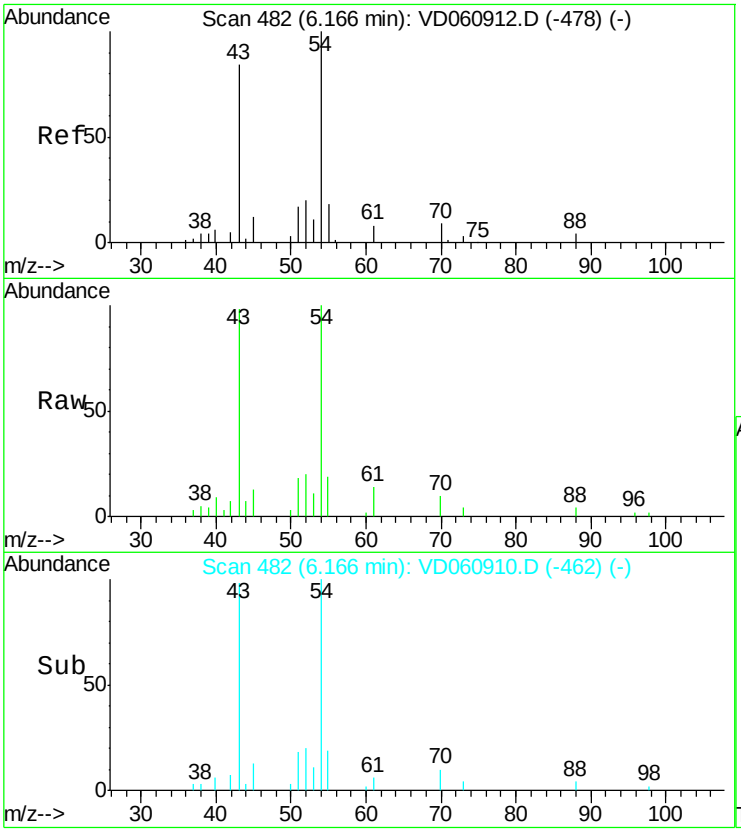




#36
1,1-Dichloropropene
Concen: 9.904 ug/l
RT: 7.13 min Scan# 580
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 75 Resp: 118387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 38.1 | 16.8 | 50.3 |
| 77 | 29.6 | 25.8 | 38.8 |



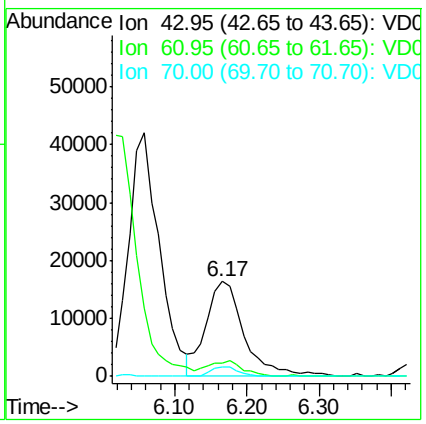


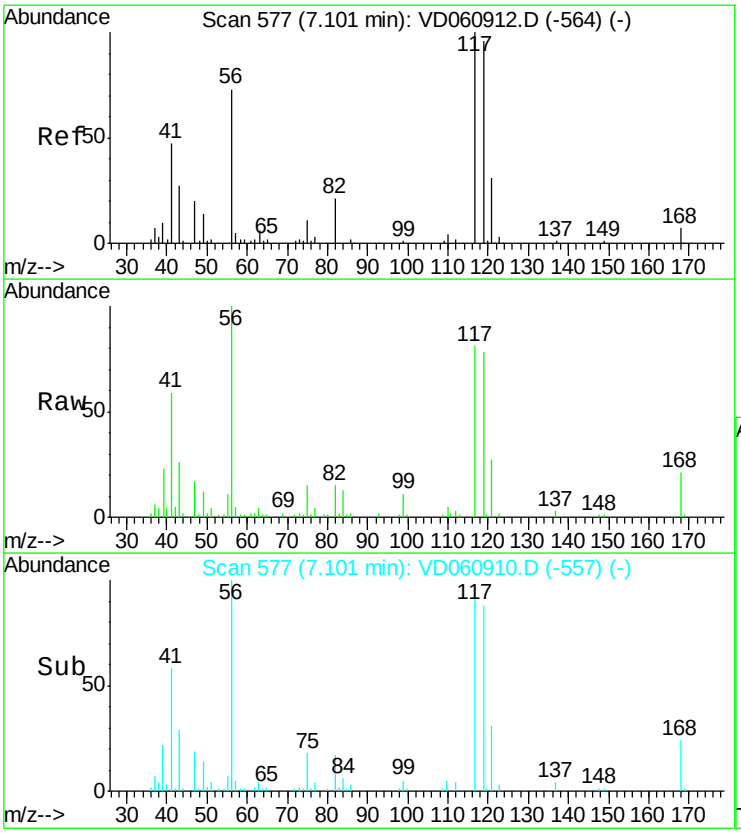

#37
Ethyl Acetate
Concen: 10.742 ug/l
RT: 6.17 min Scan# 482
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Tgt Ion: 43 Resp: 60367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.4 | 12.5 | 18.7 |
| 70 | 9.7 | 7.9 | 11.9 |

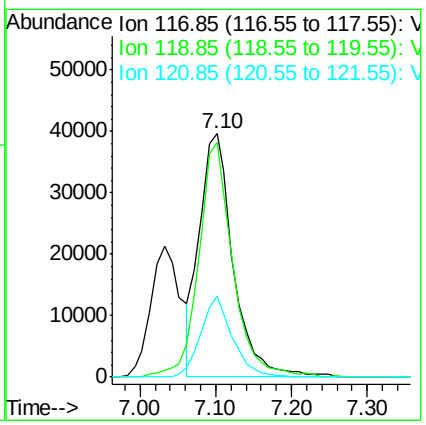


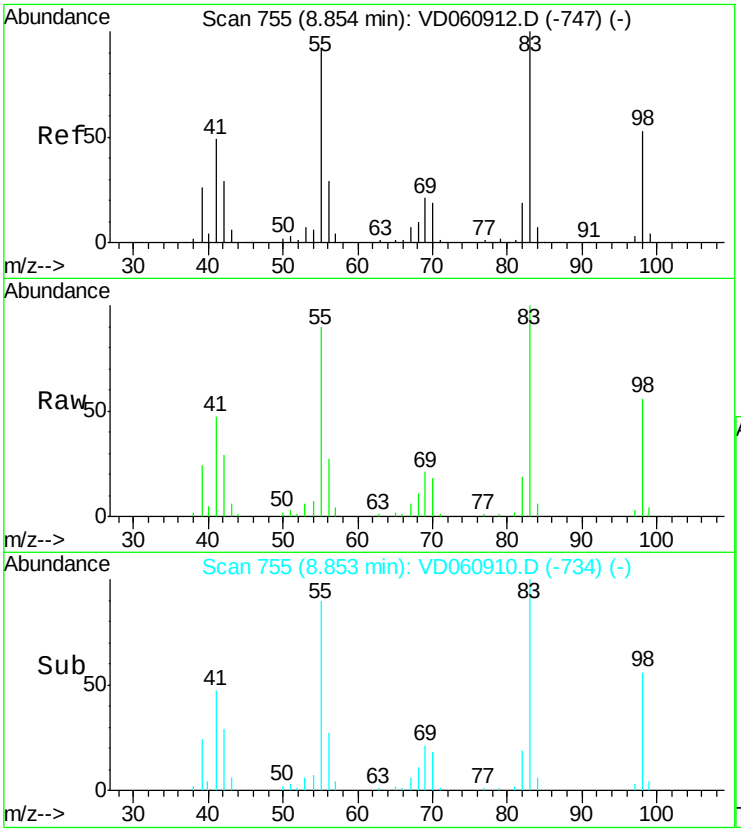




#38
Carbon Tetrachloride
Concen: 11.166 ug/l
RT: 7.10 min Scan# 577
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:117 Resp: 123845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.4 | 77.2 | 115.8 |
| 121 | 33.1 | 25.0 | 37.4 |



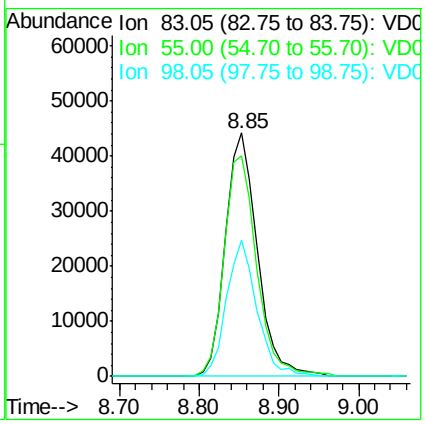


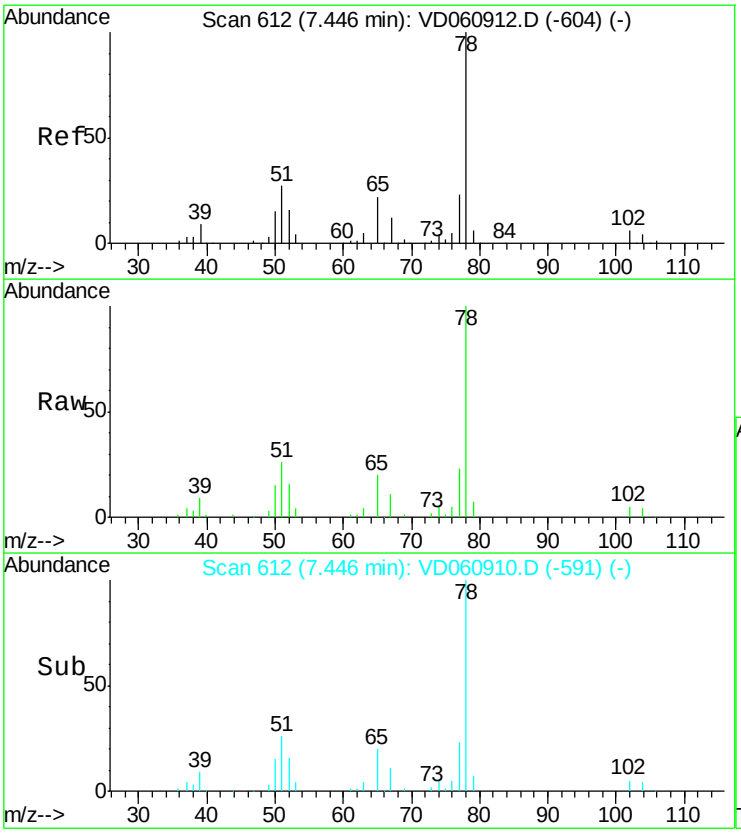

#39
Methylcyclohexane
Concen: 9.789 ug/l
RT: 8.85 min Scan# 755
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Tgt Ion: 83 Resp: 124387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 90.4 | 58.8 | 88.2# |
| 98 | 56.0 | 36.8 | 55.2# |

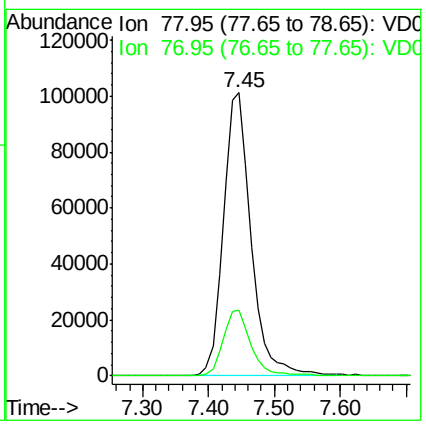


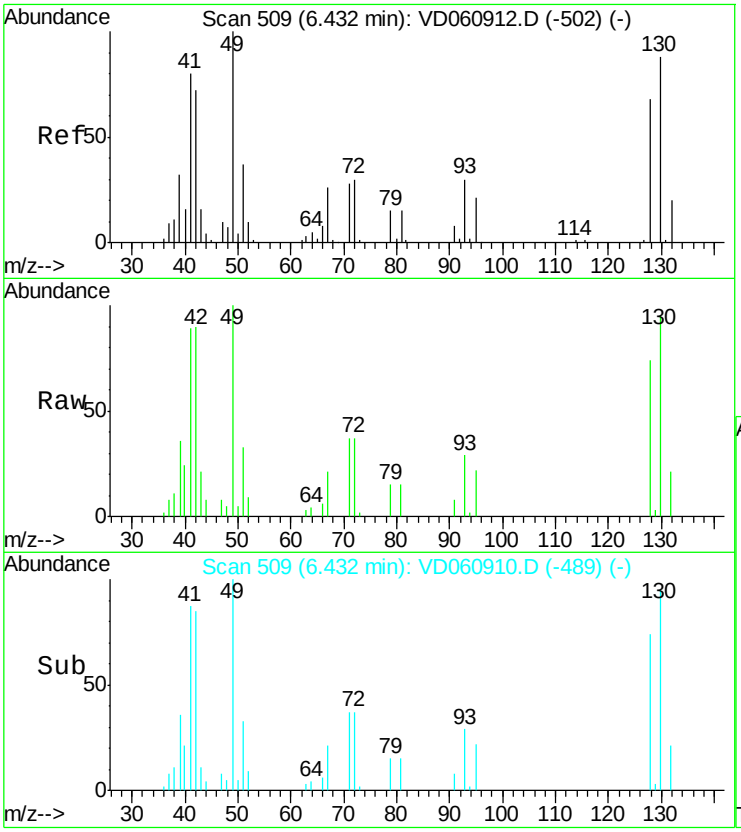




#40
Benzene
Concen: 10.017 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 78 Resp: 297558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.2 | 18.9 | 28.3 |



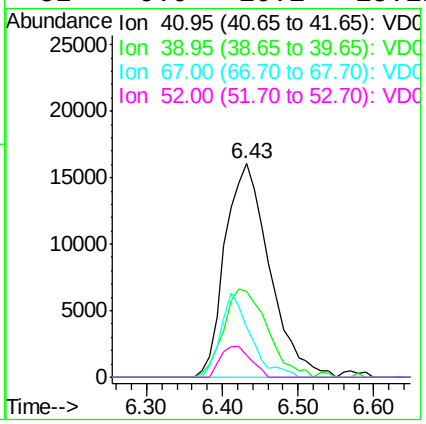


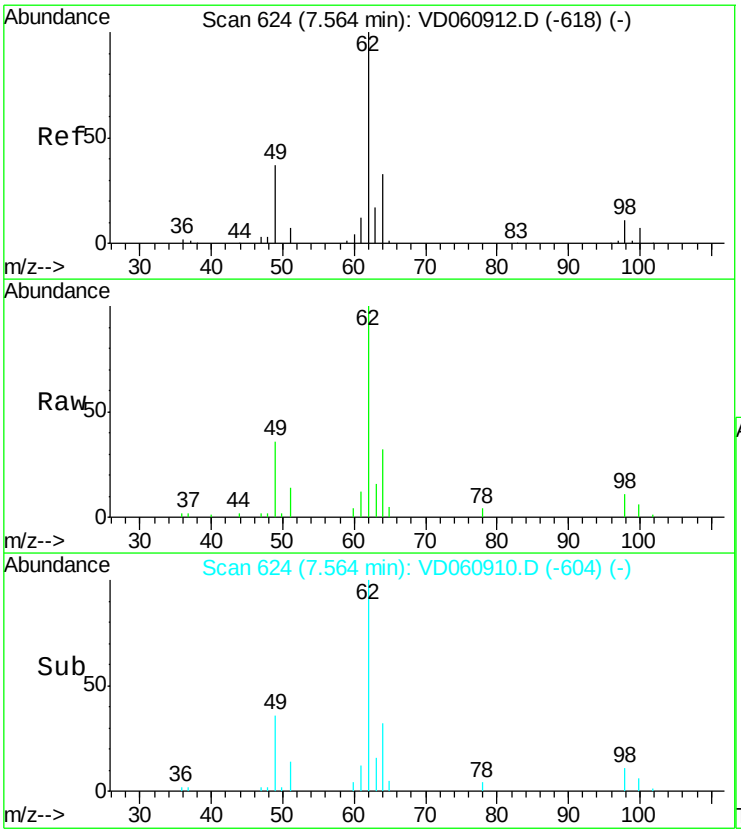

#41
Methacrylonitrile
Concen: 21.512 ug/l
RT: 6.43 min Scan# 509
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 41 Resp: 65307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 40.2 | 36.9 | 55.3 |
| 67 | 23.4 | 24.9 | 37.3# |
| 52 | 9.9 | 10.1 | 15.1# |

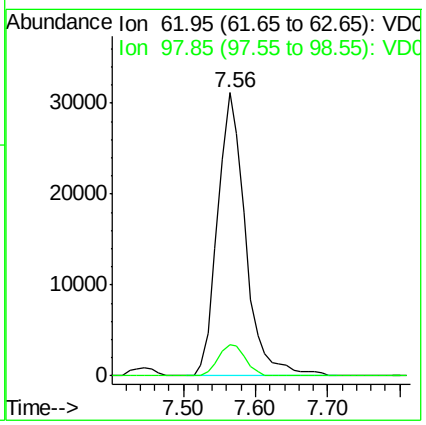


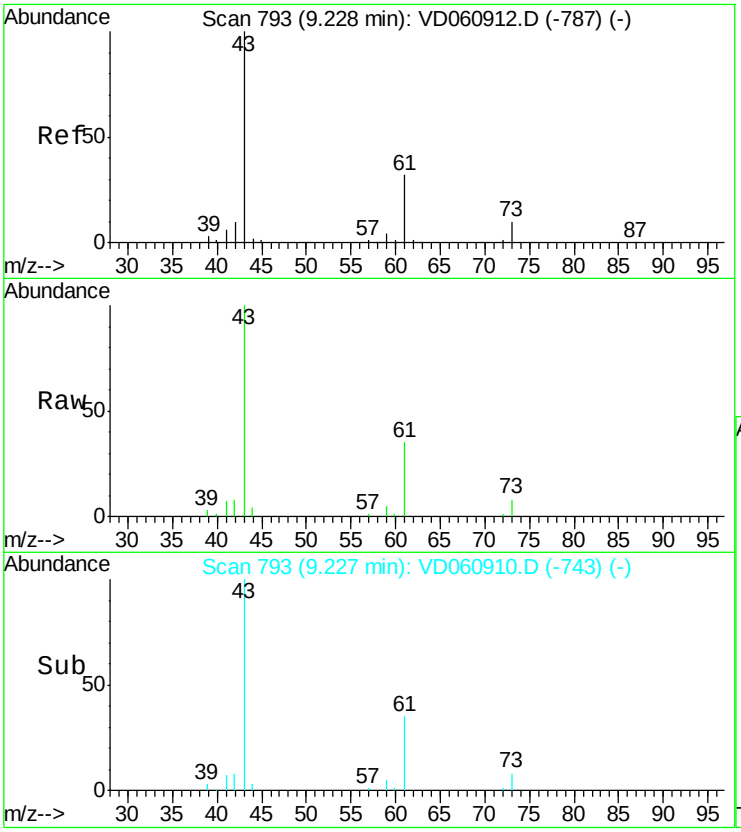




#42
1,2-Dichloroethane
Concen: 10.302 ug/l
RT: 7.56 min Scan# 624
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 62 Resp: 83236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 11.1 | 0.0 | 21.6 |



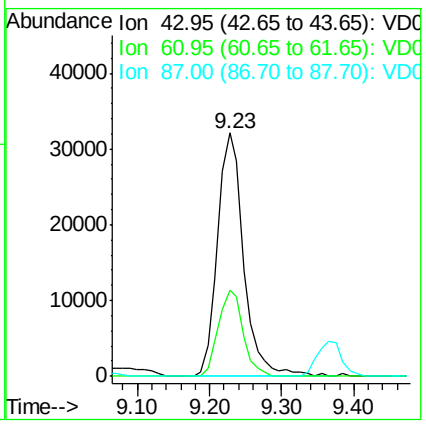


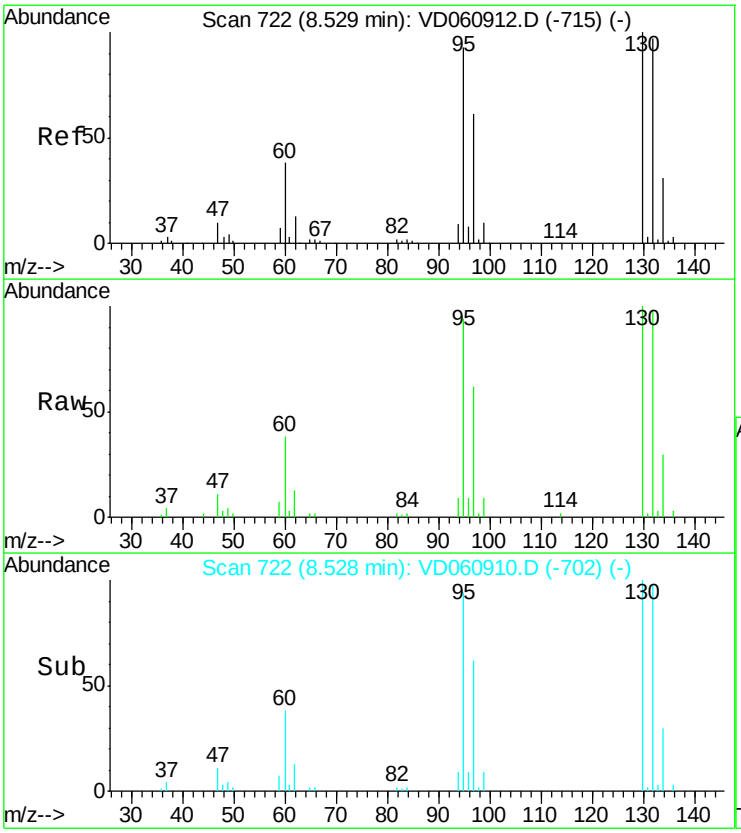

#43
Isopropyl Acetate
Concen: 10.077 ug/l
RT: 9.23 min Scan# 793
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 43 Resp: 80213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 35.2 | 25.4 | 38.2 |
| 87 | 0.0 | 0.3 | 0.5# |

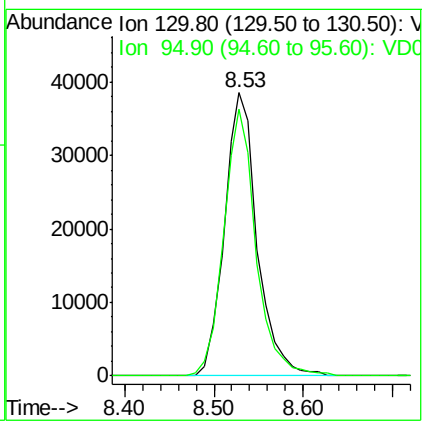


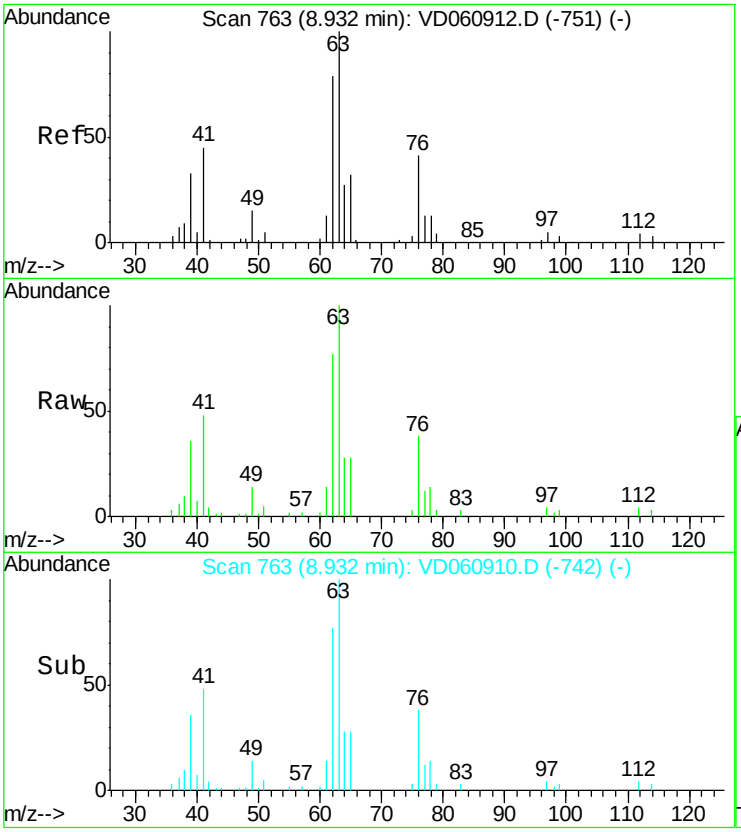




#44
Trichloroethene
Concen: 10.189 ug/l
RT: 8.53 min Scan# 722
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:130 Resp: 98698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 94.3 | 0.0 | 179.6 |



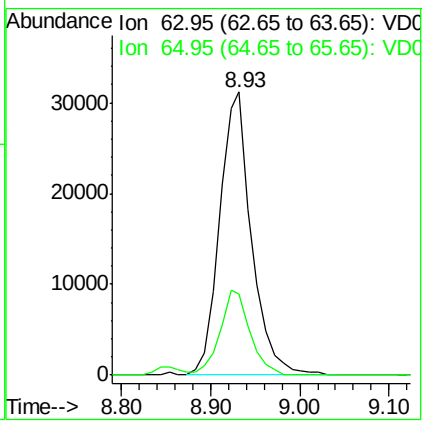


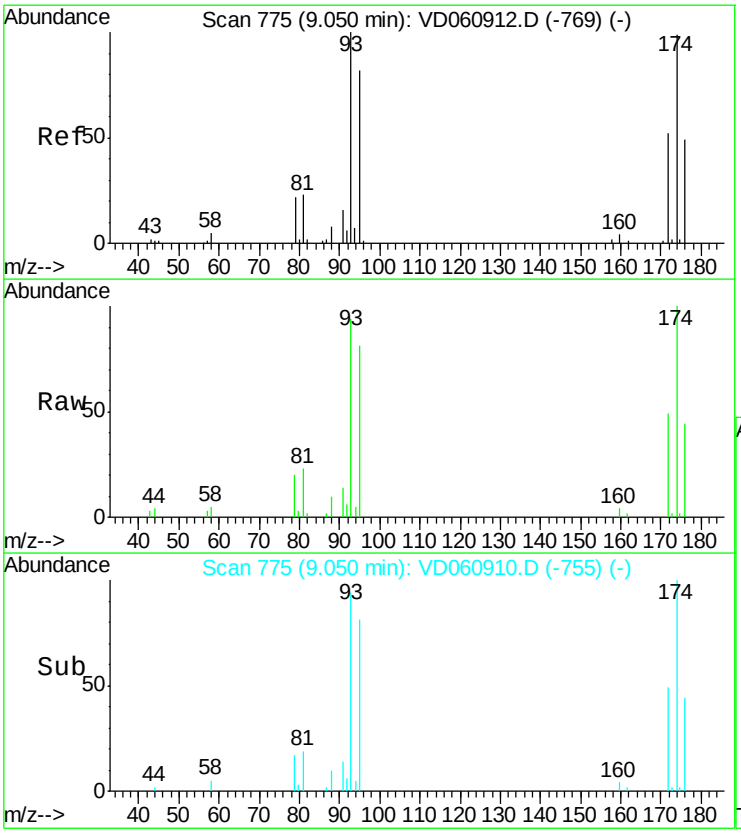

#45
1,2-Dichloropropane
Concen: 11.262 ug/l
RT: 8.93 min Scan# 763
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Tgt Ion: 63 Resp: 78151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 28.5 | 24.6 | 36.8 |

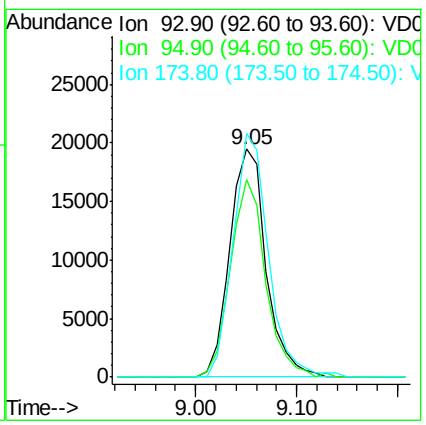


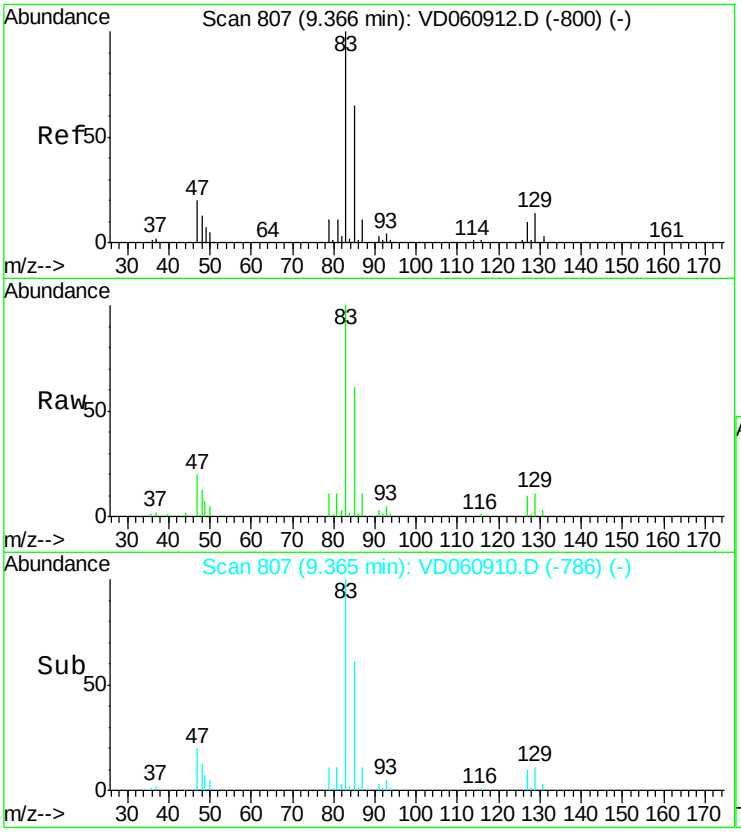




#46
Dibromomethane
Concen: 9.809 ug/l
RT: 9.05 min Scan# 775
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 93 Resp: 48907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 86.4 | 64.0 | 96.0 |
| 174 | 106.8 | 93.1 | 139.7 |



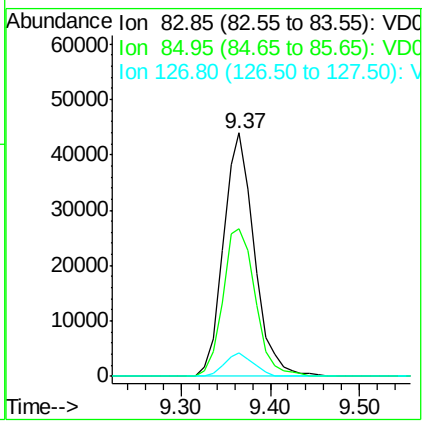


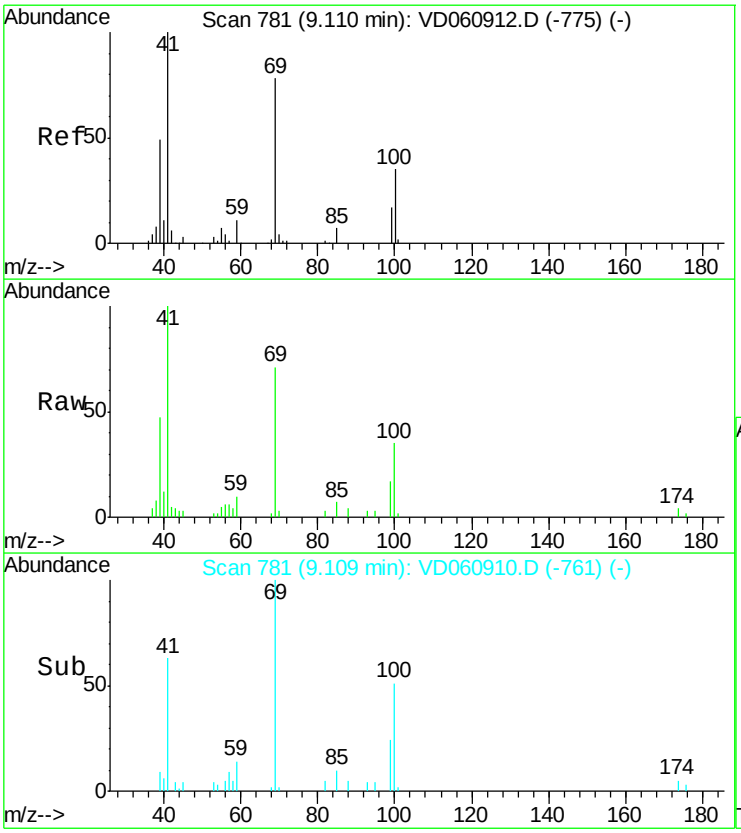

#47
Bromodichloromethane
Concen: 9.021 ug/l
RT: 9.37 min Scan# 807
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 83 Resp: 106673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 60.9 | 50.8 | 76.2 |
| 127 | 9.7 | 7.3 | 10.9 |

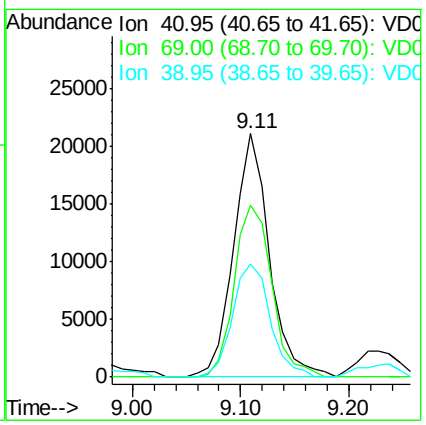


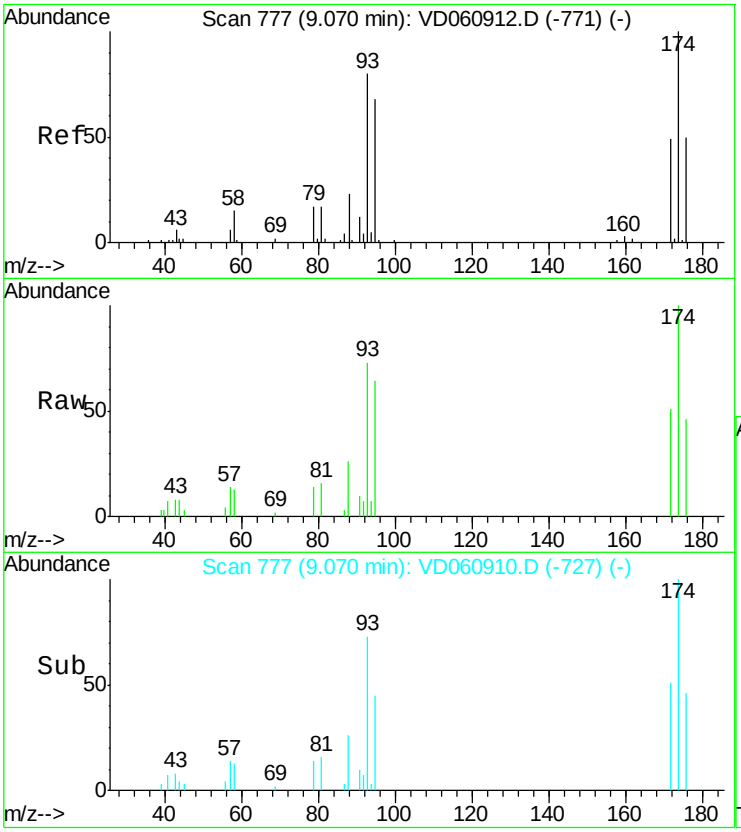




#48
Methyl methacrylate
Concen: 10.597 ug/l
RT: 9.11 min Scan# 781
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 41 Resp: 48566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 70.5 | 61.4 | 92.2 |
| 39 | 46.6 | 42.1 | 63.1 |



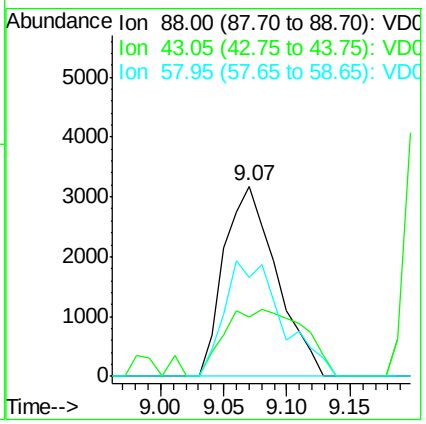


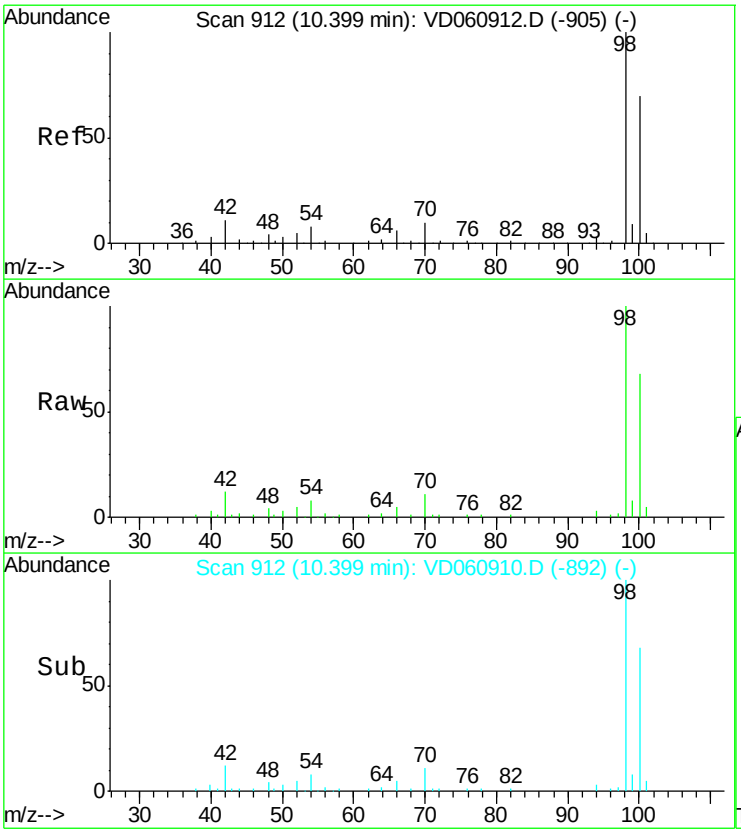

#49
1,4-Dioxane
Concen: 190.967 ug/l
RT: 9.07 min Scan# 777
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 88 Resp: 9168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 31.2 | 20.3 | 30.5# |
| 58 | 52.4 | 40.6 | 61.0 |

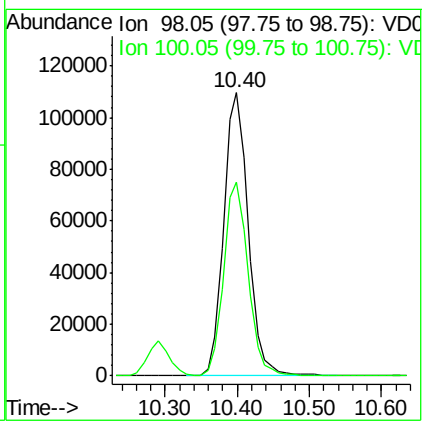


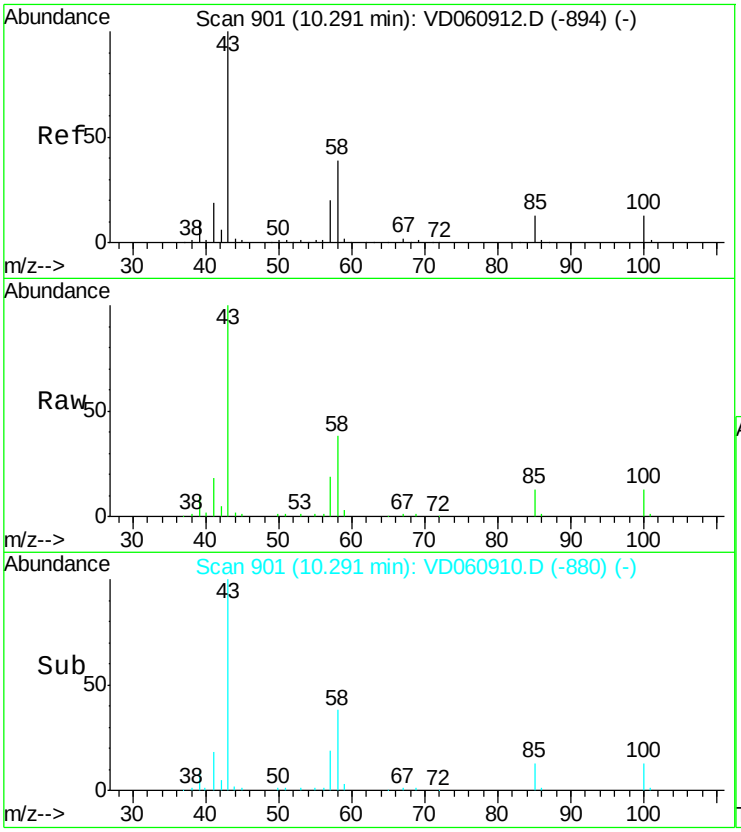




#50
Toluene-d8
Concen: 190.967 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 98 Resp: 257821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 68.4 | 55.3 | 82.9 |



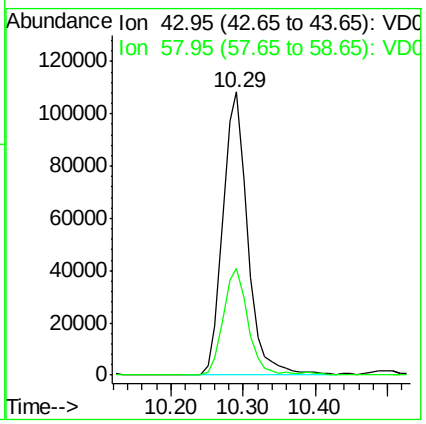


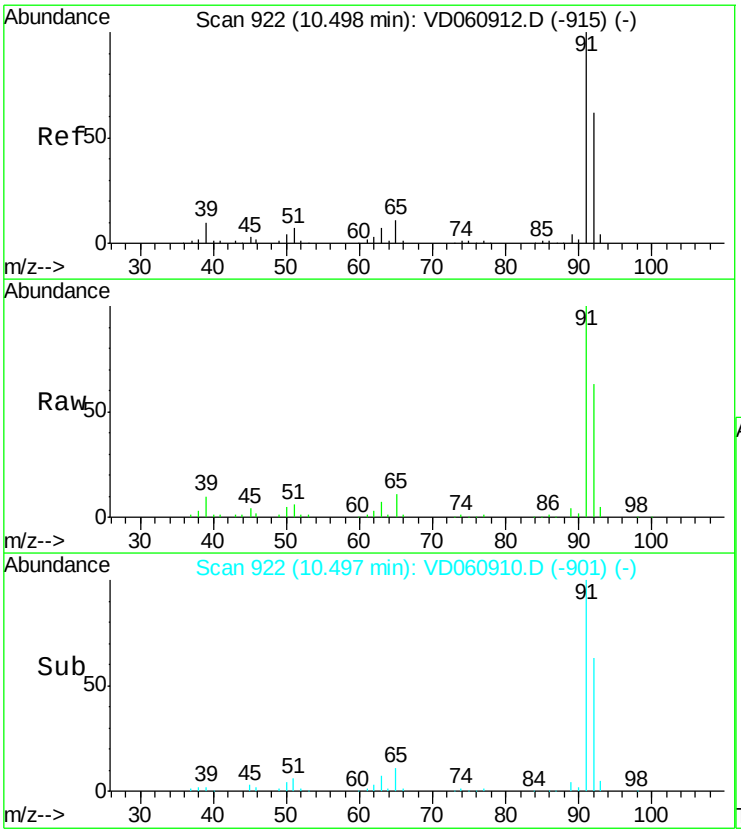

#51
4-Methyl-2-Pentanone
Concen: 52.653 ug/l
RT: 10.29 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Tgt Ion: 43 Resp: 258545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.6 | 26.8 | 40.2 |

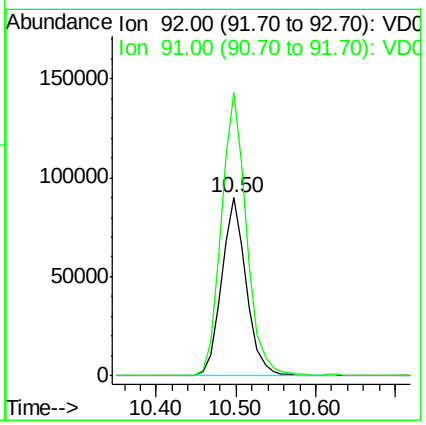


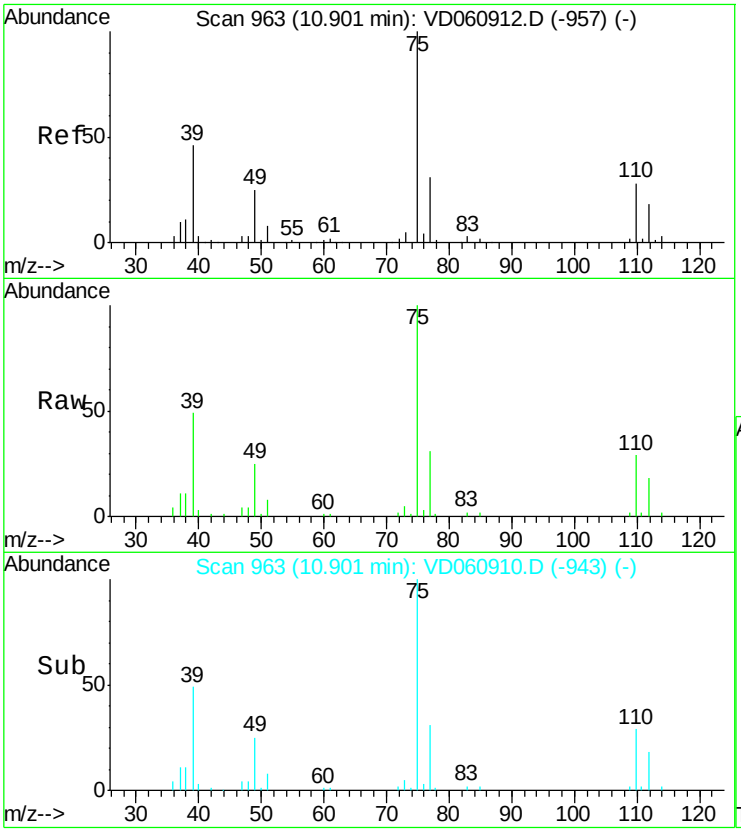




#52
Toluene
Concen: 11.376 ug/l
RT: 10.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 92 Resp: 195732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 159.1 | 132.1 | 198.1 |



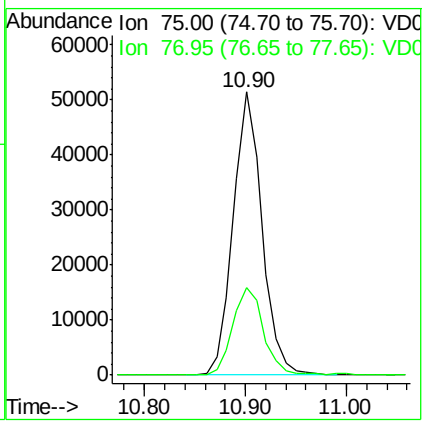


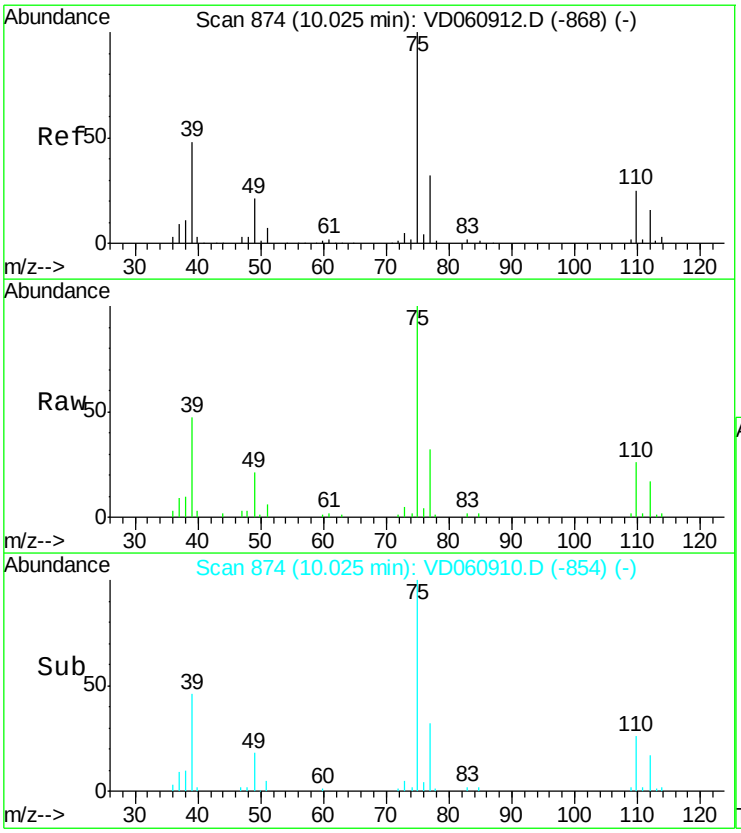

#53
t-1,3-Dichloropropene
Concen: 9.370 ug/l
RT: 10.90 min Scan# 963
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 75 Resp: 102282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.1 | 25.4 | 38.2 |

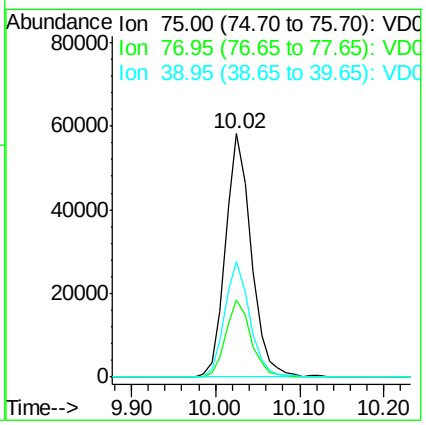


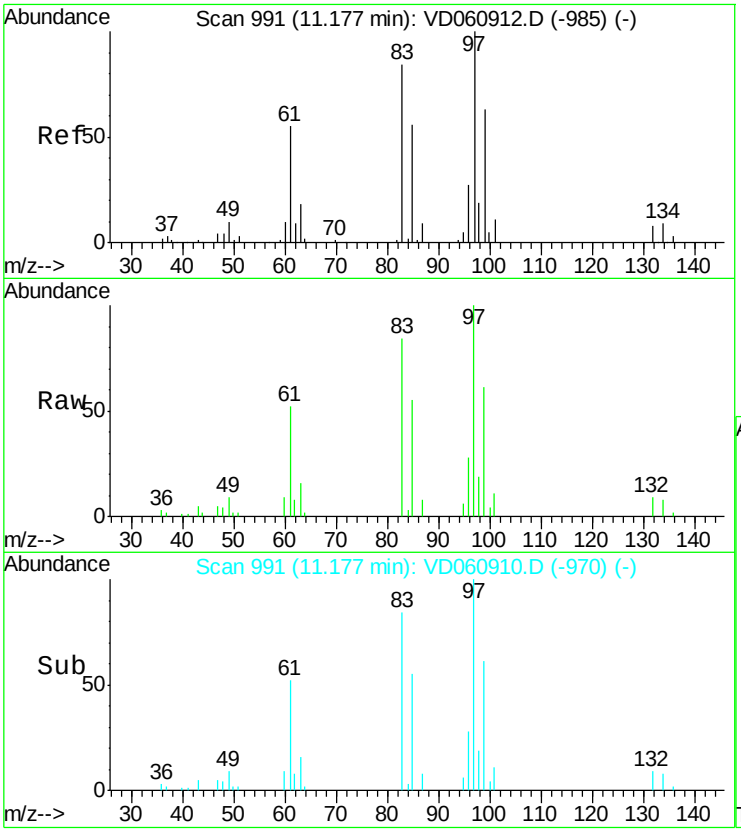




#54
cis-1,3-Dichloropropene
Concen: 9.808 ug/l
RT: 10.02 min Scan# 874
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 75 Resp: 123343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 26.1 | 39.1 |
| 39 | 47.4 | 36.6 | 54.8 |



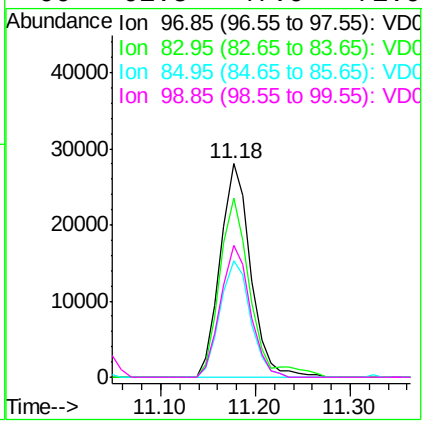


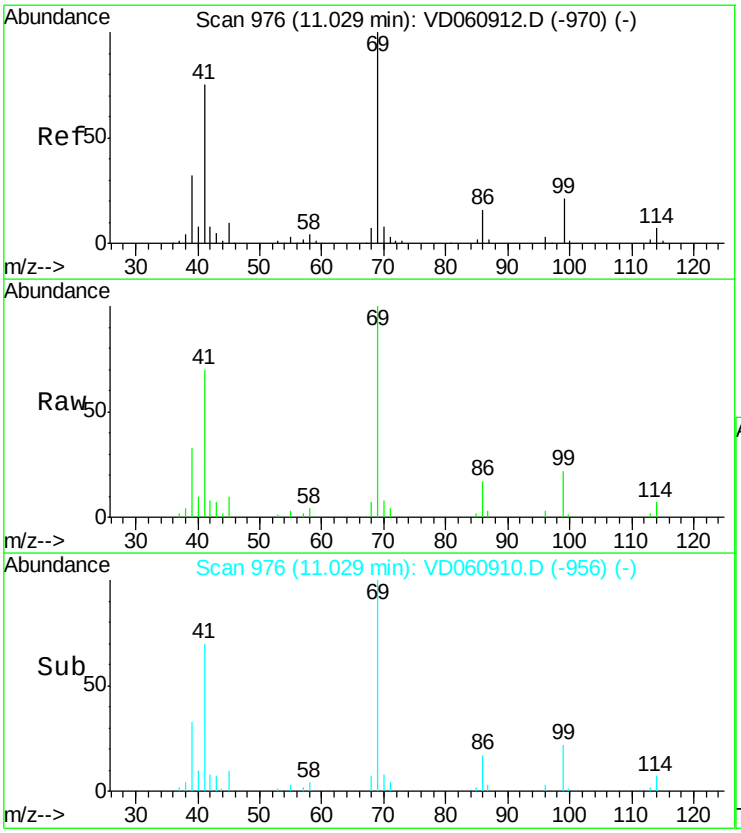

#55
1,1,2-Trichloroethane
Concen: 10.589 ug/l
RT: 11.18 min Scan# 991
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Tgt Ion: 97 Resp: 62492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 84.0 | 73.0 | 109.6 |
| 85 | 54.8 | 47.6 | 71.4 |
| 99 | 61.5 | 47.9 | 71.9 |

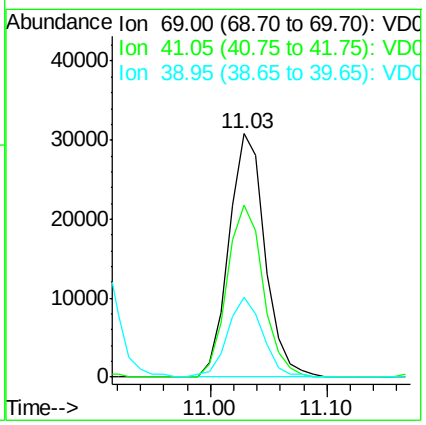


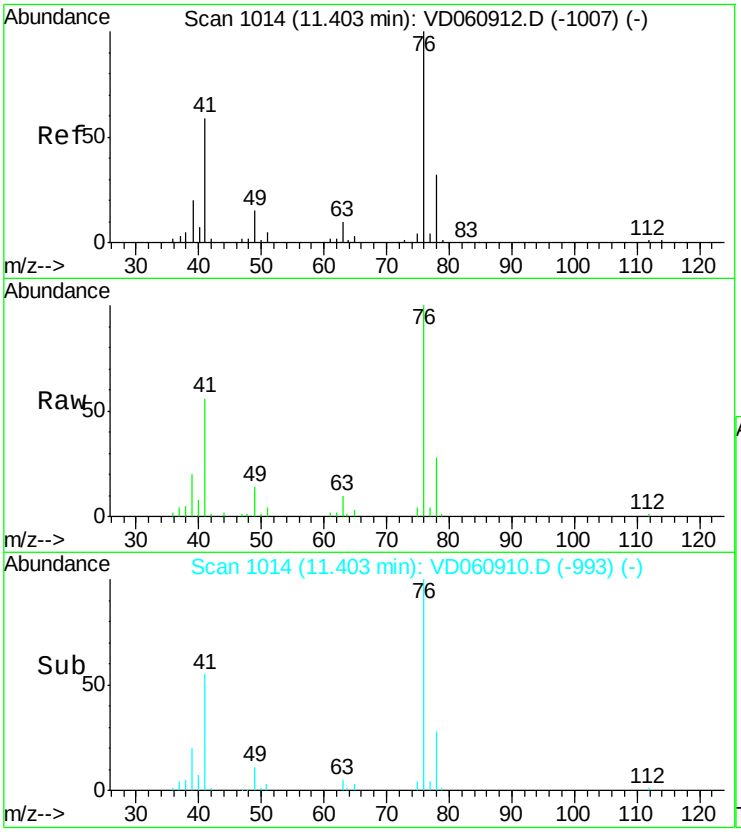




#56
Ethyl methacrylate
Concen: 9.796 ug/l
RT: 11.03 min Scan# 976
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 69 Resp: 65789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 70.5 | 58.2 | 87.2 |
| 39 | 32.8 | 30.8 | 46.2 |



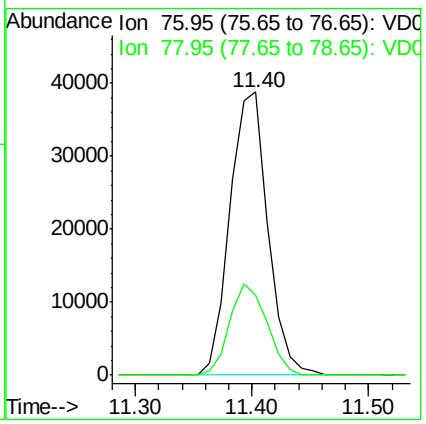


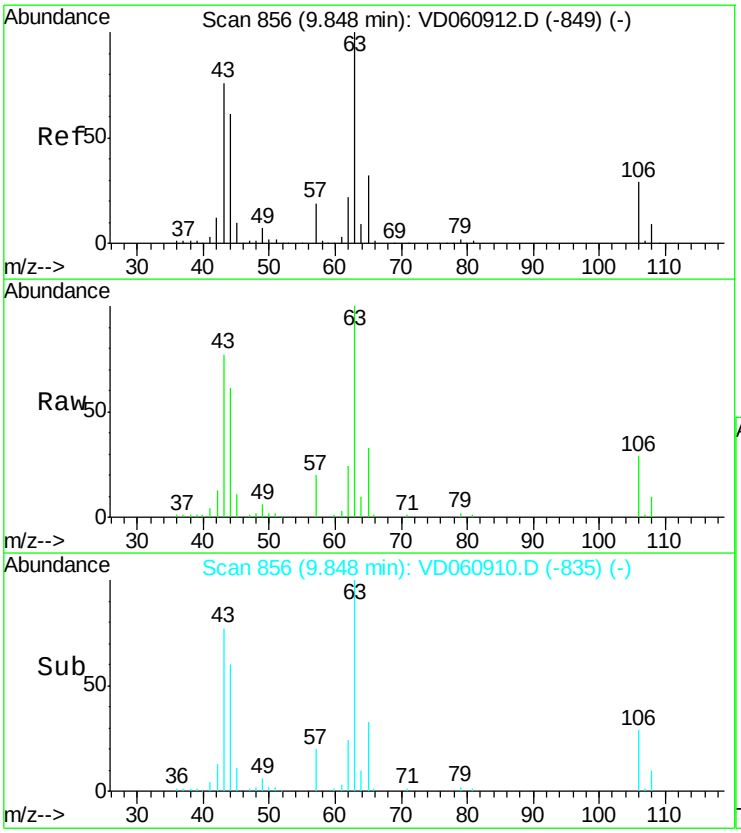

#57
1,3-Dichloropropane
Concen: 8.992 ug/l
RT: 11.40 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 76 Resp: 87399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 28.4 | 25.2 | 37.8 |

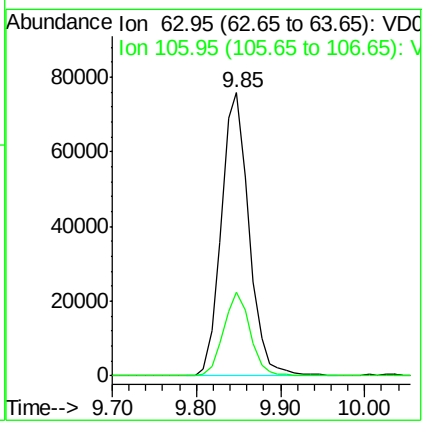


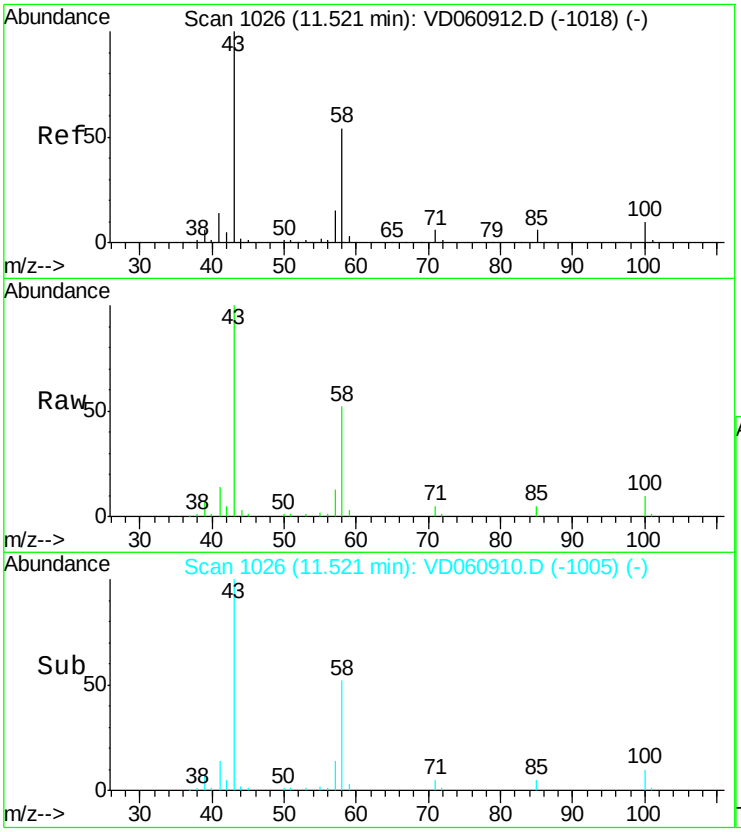




#58
2-Chloroethyl Vinyl ether
Concen: 53.768 ug/l
RT: 9.85 min Scan# 856
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 63 Resp: 173015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.4 | 23.0 | 34.4 |



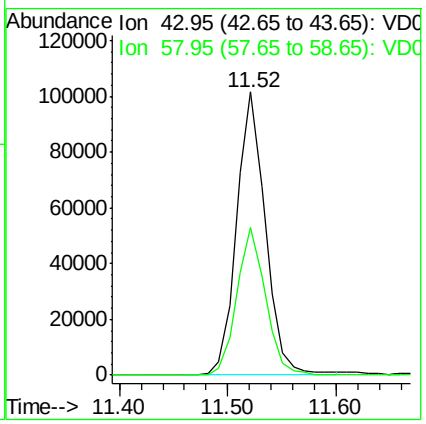


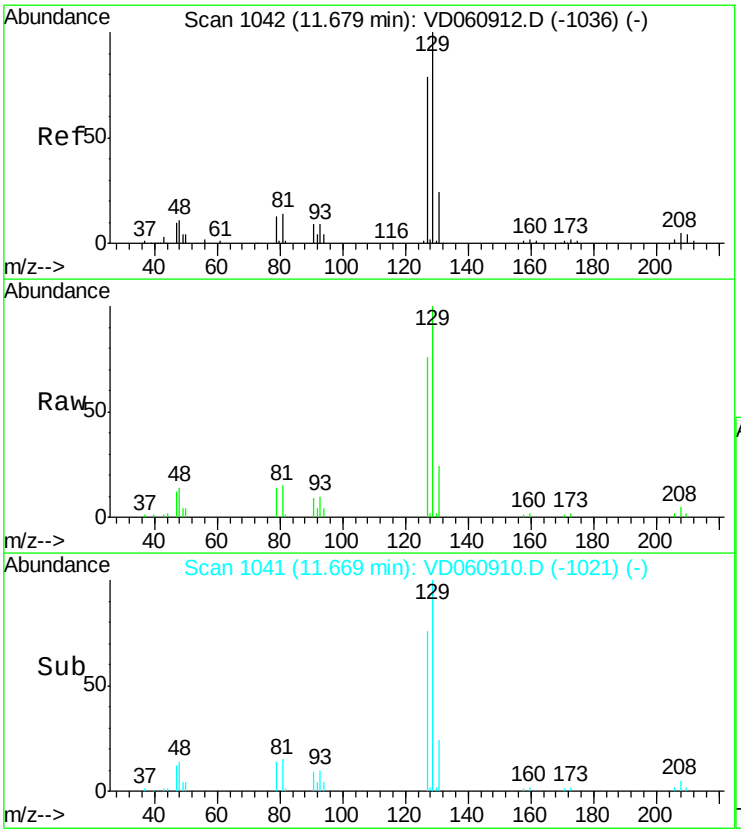

#59
2-Hexanone
Concen: 49.686 ug/l
RT: 11.52 min Scan# 1026
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Tgt Ion: 43 Resp: 187309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 52.2 | 25.4 | 76.2 |

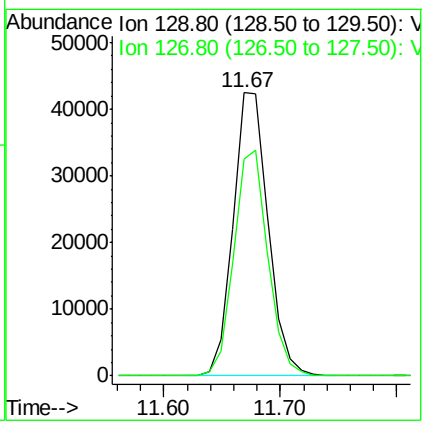


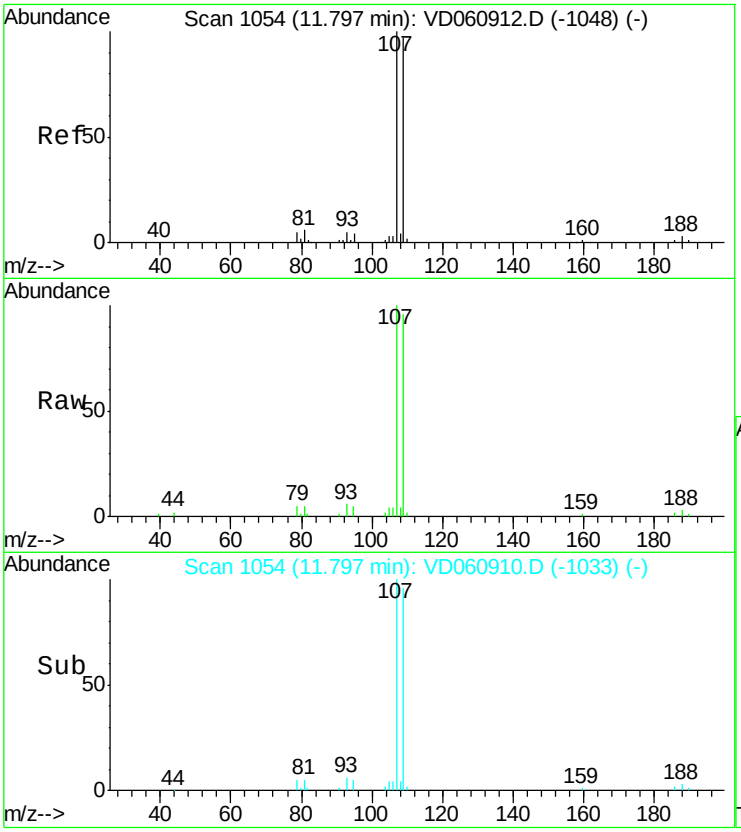




#60
Dibromochloromethane
Concen: 10.422 ug/l
RT: 11.67 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:129 Resp: 88383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.5 | 38.5 | 115.3 |



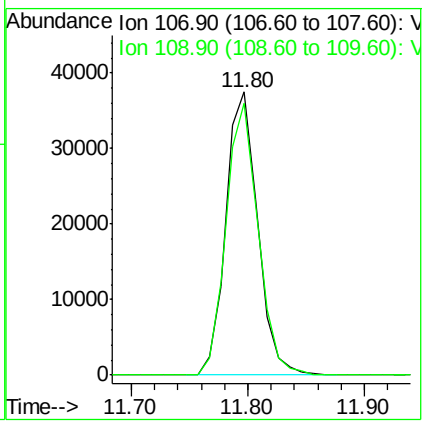


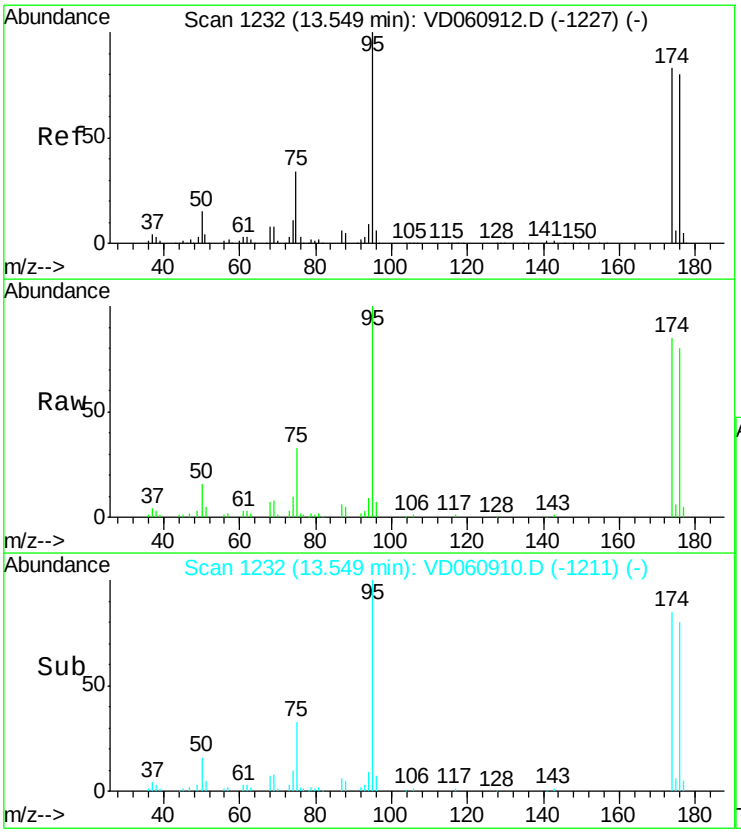

#61
1,2-Dibromoethane
Concen: 10.599 ug/l
RT: 11.80 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Tgt Ion:107 Resp: 70813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 96.2 | 75.0 | 112.6 |

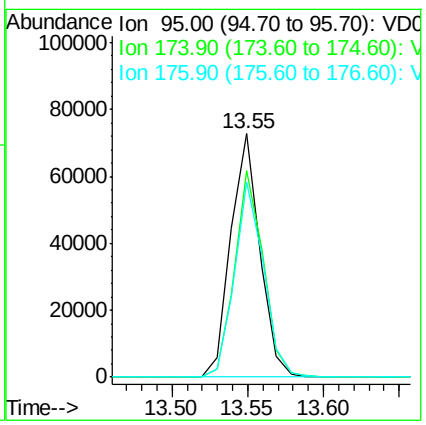


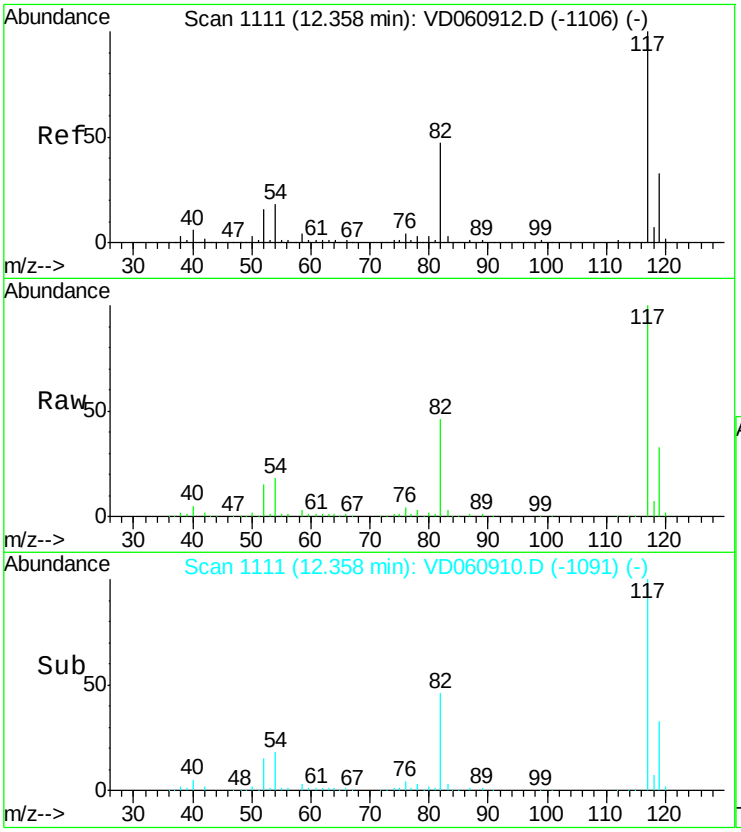




#62
4-Bromofluorobenzene
Concen: 10.599 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 95 Resp: 96419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 84.8 | 0.0 | 207.2 |
| 176 | 80.2 | 0.0 | 198.4 |



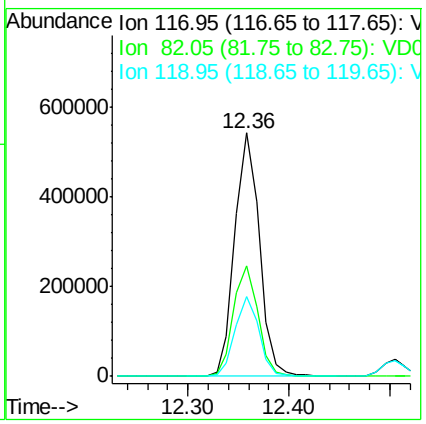


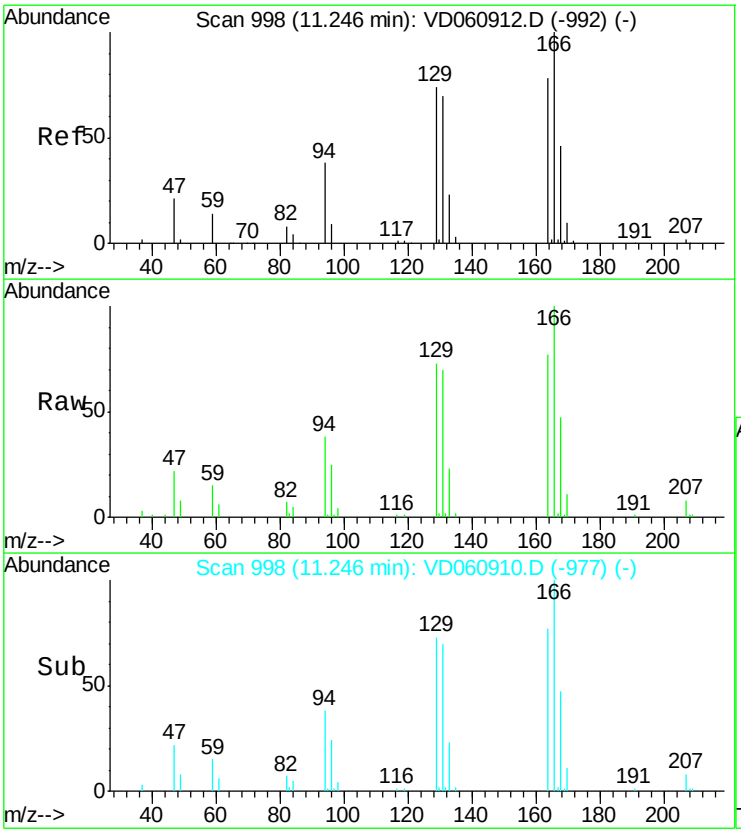

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Tgt Ion:117 Resp: 920585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 45.5 | 45.5 | 68.3# |
| 119 | 32.6 | 25.7 | 38.5 |

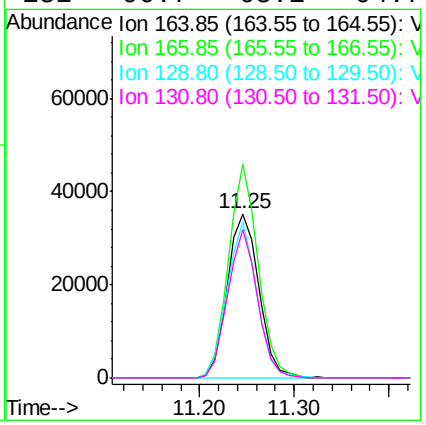


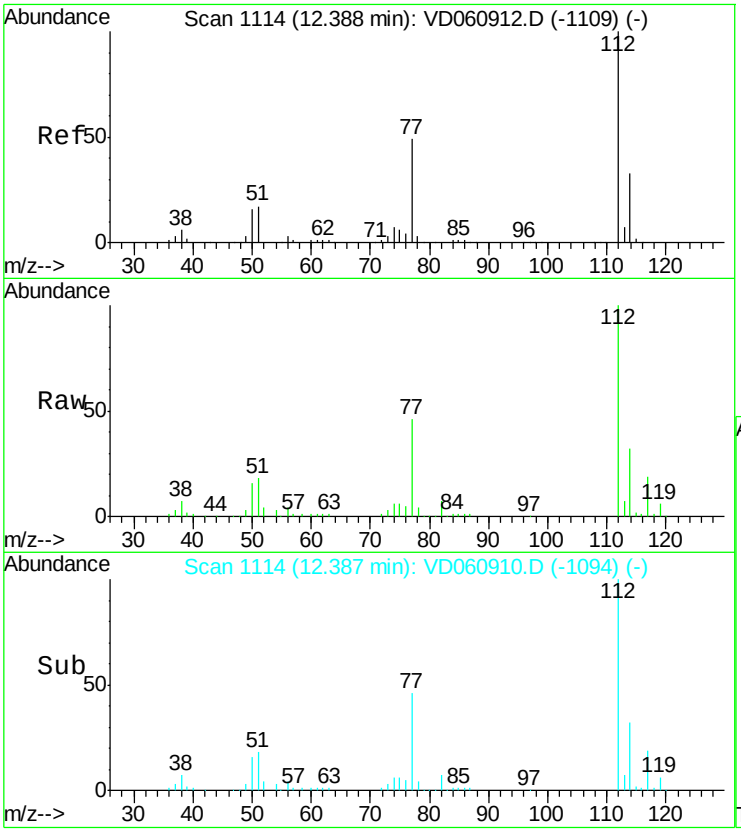




#64
Tetrachloroethene
Concen: 9.800 ug/l
RT: 11.25 min Scan# 998
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:164 Resp: 80611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 130.3 | 101.9 | 152.9 |
| 129 | 95.6 | 63.0 | 94.4# |
| 131 | 90.7 | 63.1 | 94.7 |



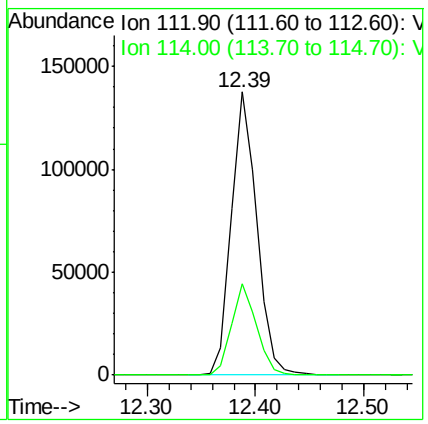


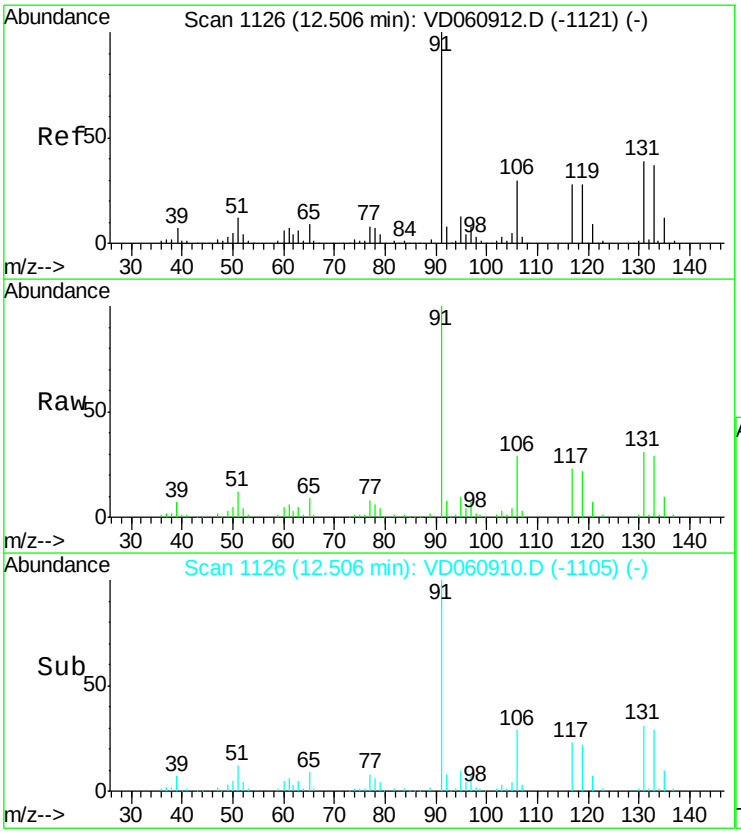

#65
Chlorobenzene
Concen: 12.118 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion:112 Resp: 226109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.3 | 26.4 | 39.6 |

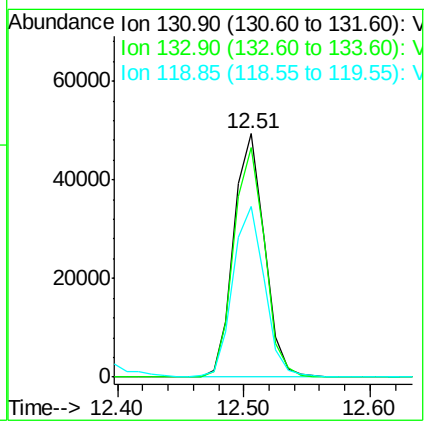


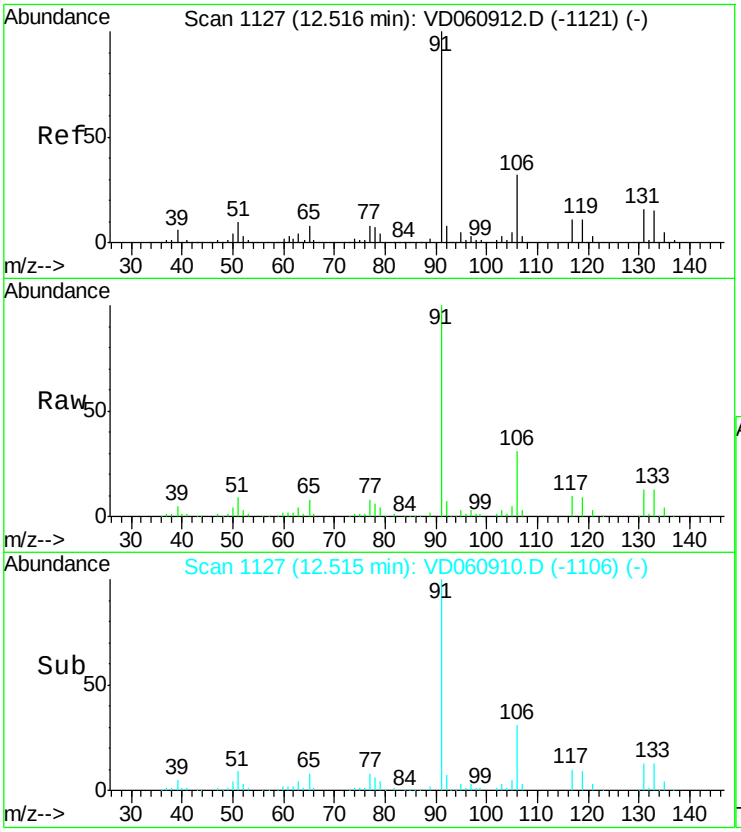




#66
1,1,1,2-Tetrachloroethane
Concen: 11.159 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:131 Resp: 82859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.5 | 48.5 | 145.6 |
| 119 | 70.3 | 32.8 | 98.3 |



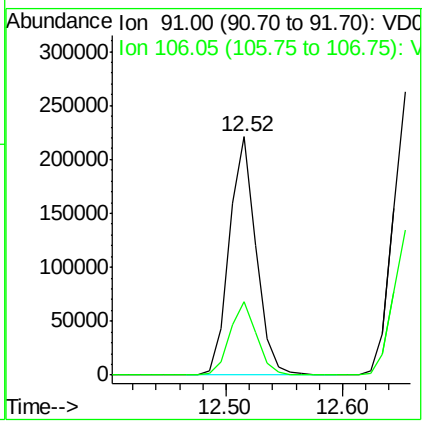


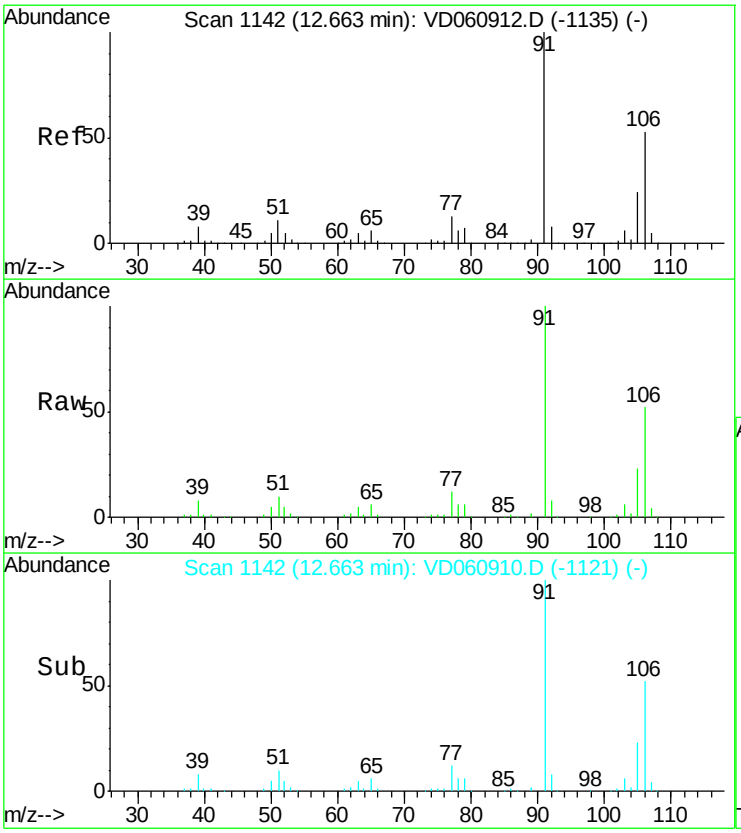

#67
Ethyl Benzene
Concen: 11.049 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Tgt Ion: 91 Resp: 350908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.0 | 22.2 | 33.2 |

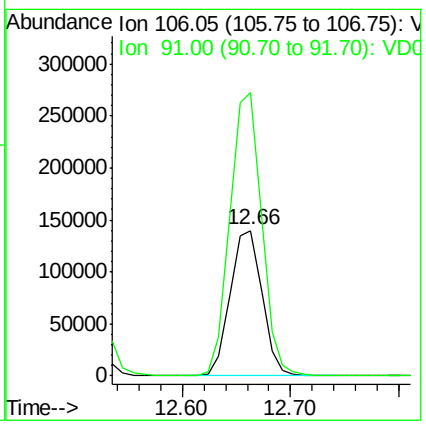


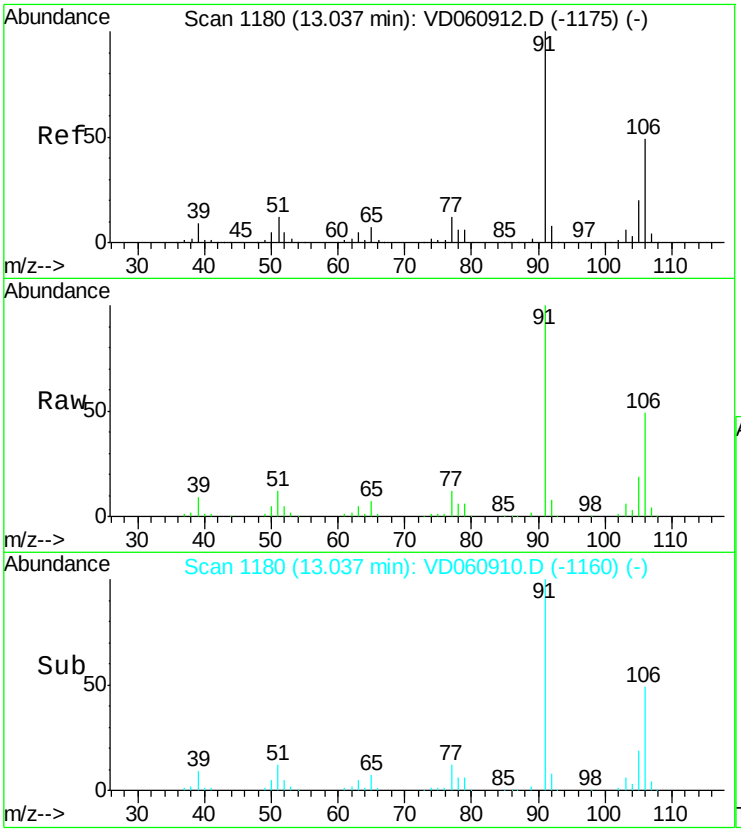




#68
m/p-Xylenes
Concen: 25.603 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:106 Resp: 287382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 194.2 | 174.2 | 261.2 |



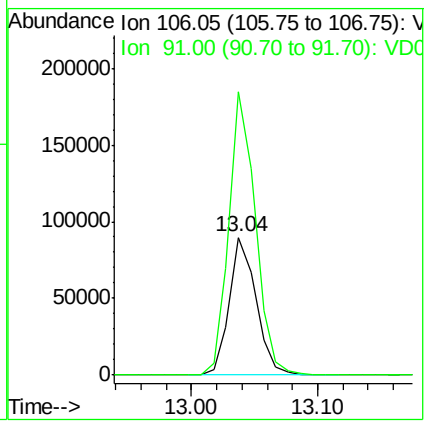


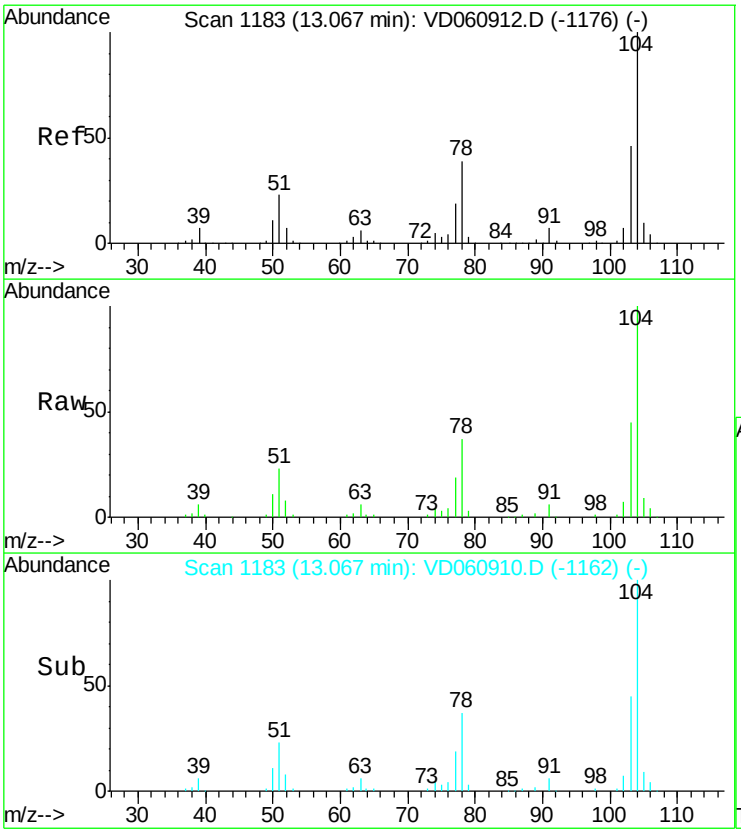

#69
o-Xylene
Concen: 12.153 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion:106 Resp: 131377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 205.3 | 116.9 | 350.7 |

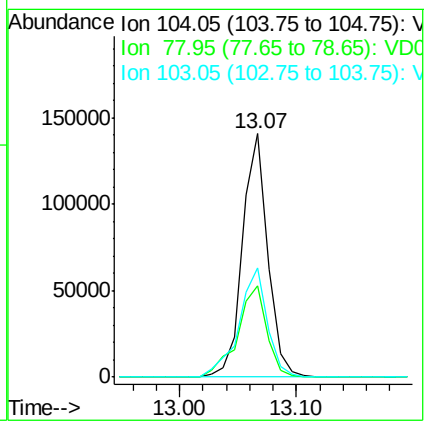


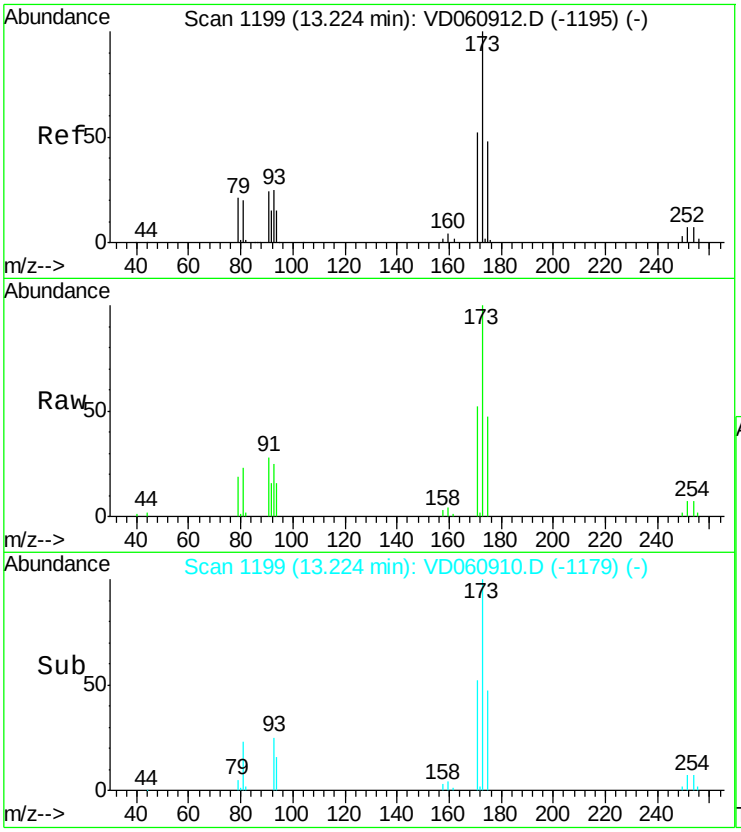




#70
Styrene
Concen: 11.584 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:104 Resp: 210472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 37.4 | 34.6 | 51.8 |
| 103 | 44.8 | 36.3 | 54.5 |



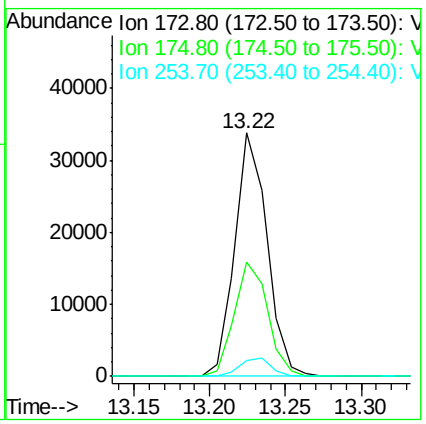


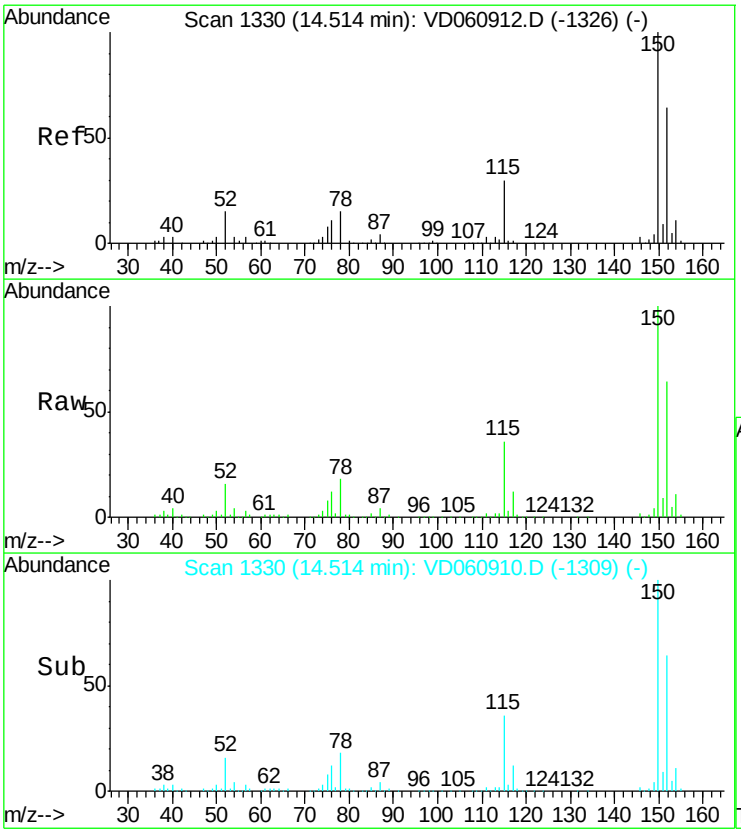

#71
Bromoform
Concen: 8.492 ug/l
RT: 13.22 min Scan# 1199
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion:173 Resp: 50140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 46.9 | 24.6 | 73.8 |
| 254 | 6.6 | 6.0 | 9.0 |

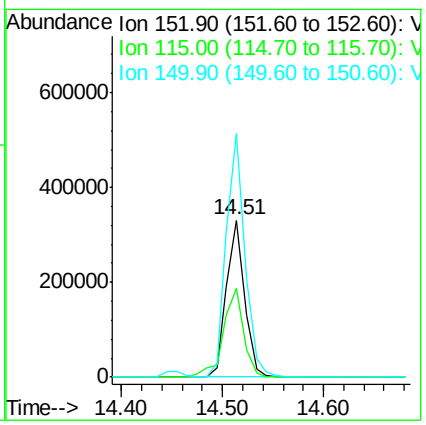


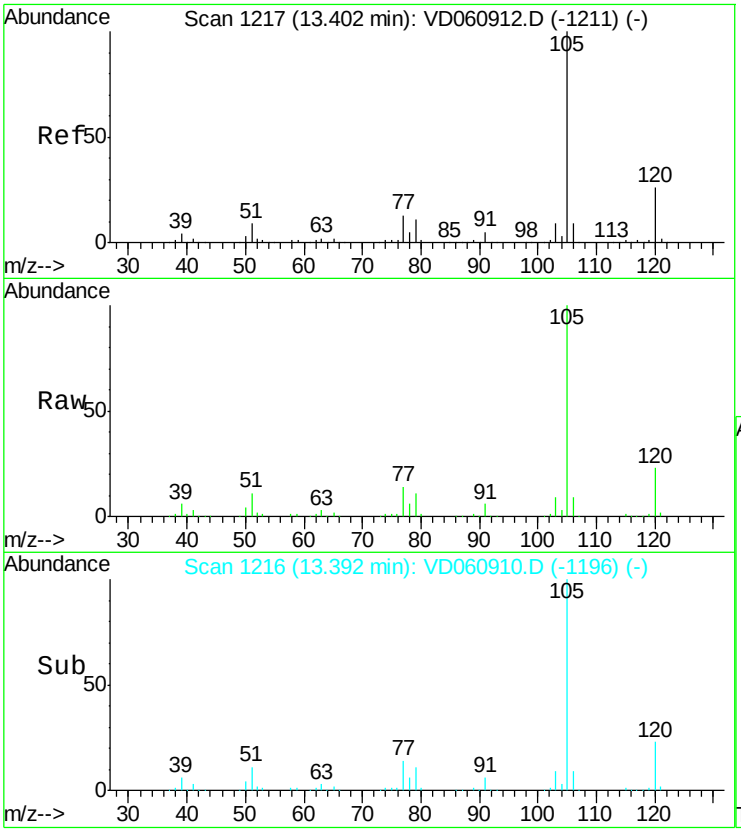




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:152 Resp: 411030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.6 | 24.4 | 73.2 |
| 150 | 155.0 | 0.0 | 311.0 |



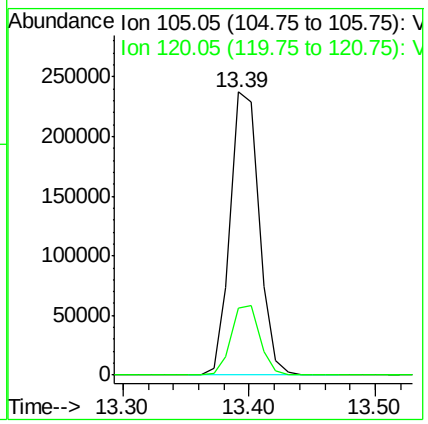


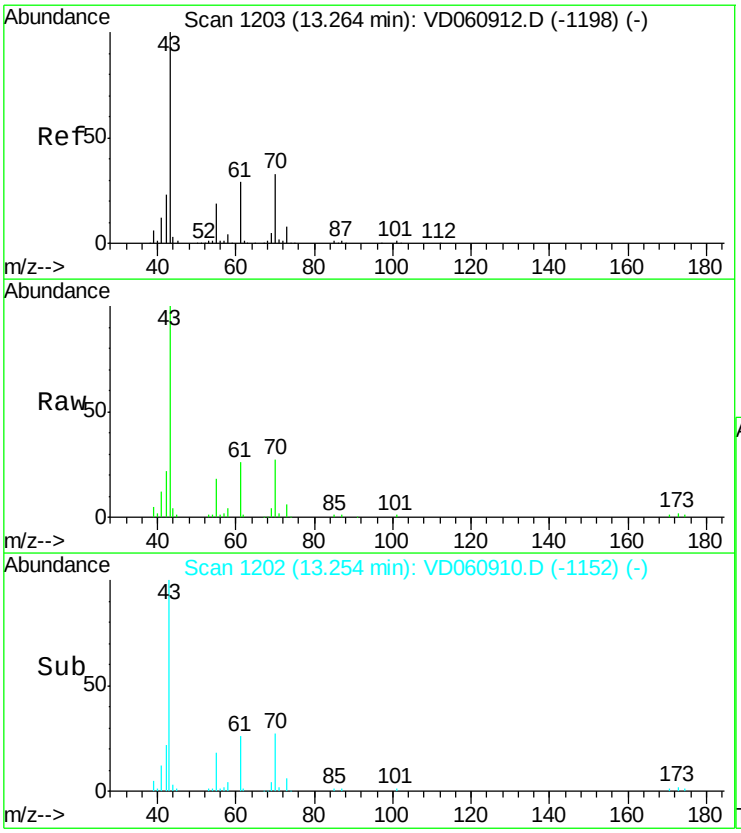

#73
Isopropylbenzene
Concen: 15.619 ug/l
RT: 13.39 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion:105 Resp: 375649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 23.5 | 12.2 | 36.6 |

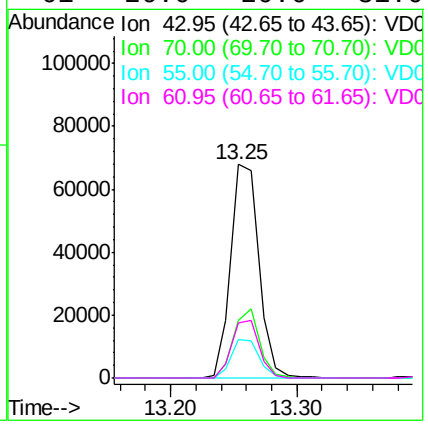


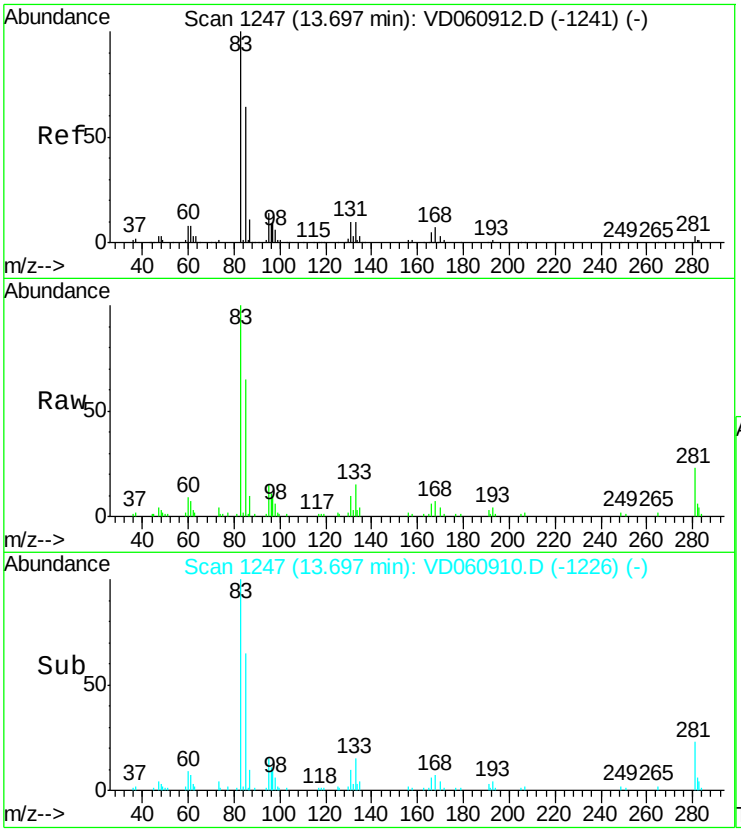




#74
N-amyl acetate
Concen: 12.587 ug/l
RT: 13.25 min Scan# 1202
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 43 Resp: 104631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 27.1 | 26.8 | 40.2 |
| 55 | 18.2 | 14.2 | 21.4 |
| 61 | 26.0 | 20.6 | 31.0 |



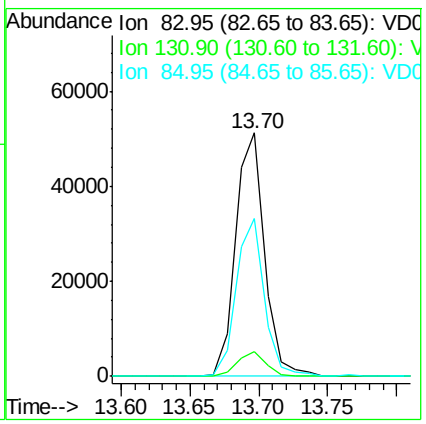


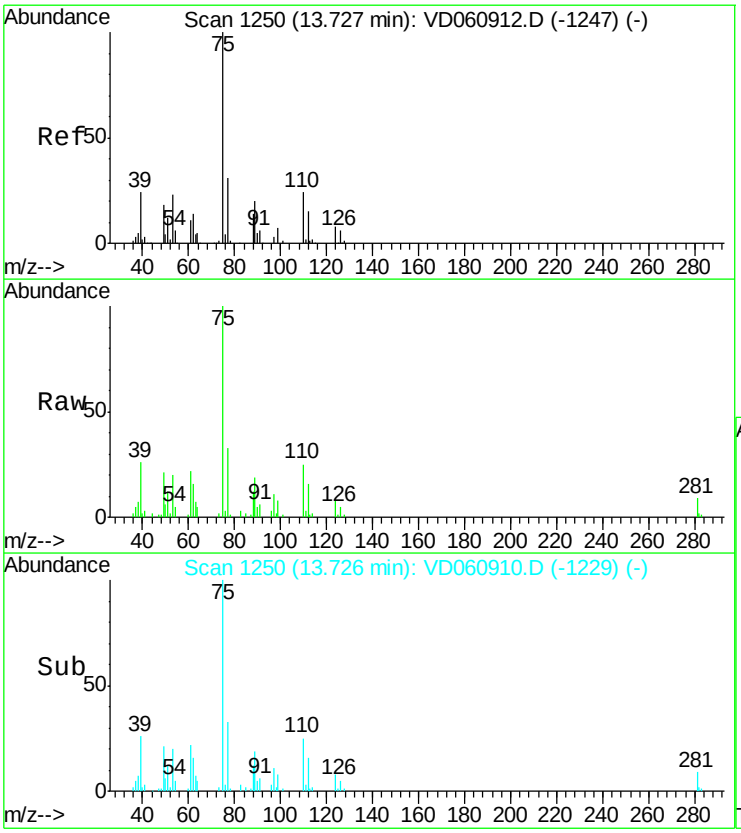

#75
1,1,2,2-Tetrachloroethane
Concen: 12.635 ug/l
RT: 13.70 min Scan# 1247
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 83 Resp: 74843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.3 | 4.9 | 14.6 |
| 85 | 64.8 | 31.9 | 95.9 |

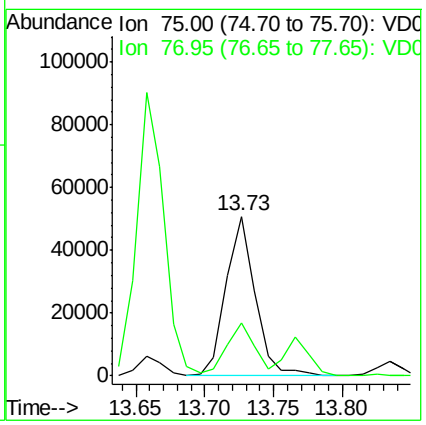


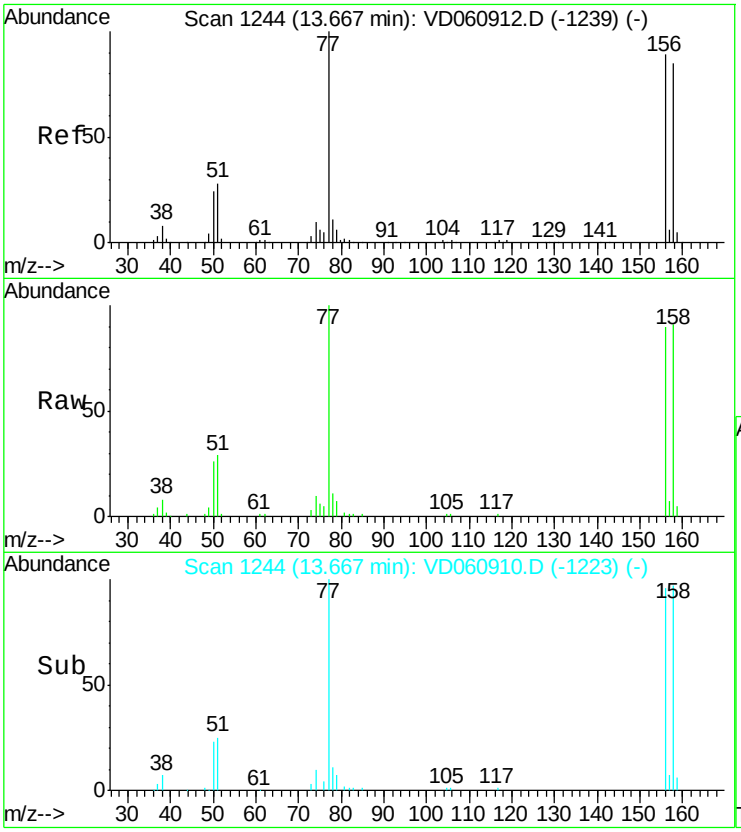




#76
1,2,3-Trichloropropane
Concen: 12.245 ug/l
RT: 13.73 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 75 Resp: 74891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.4 | 16.3 | 48.8 |



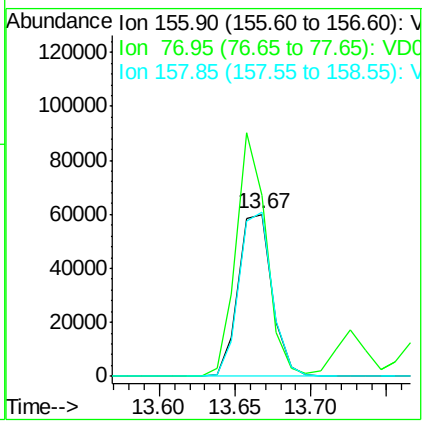


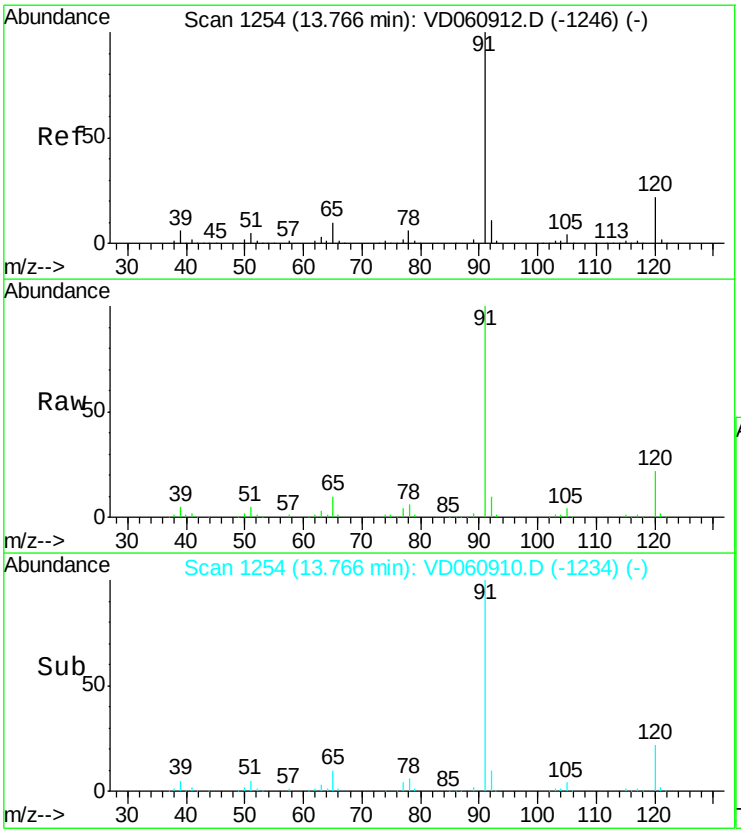

#77
Bromobenzene
Concen: 12.052 ug/l
RT: 13.67 min Scan# 1244
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Tgt Ion:156 Resp: 93289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 111.4 | 67.4 | 202.2 |
| 158 | 101.8 | 49.2 | 147.6 |

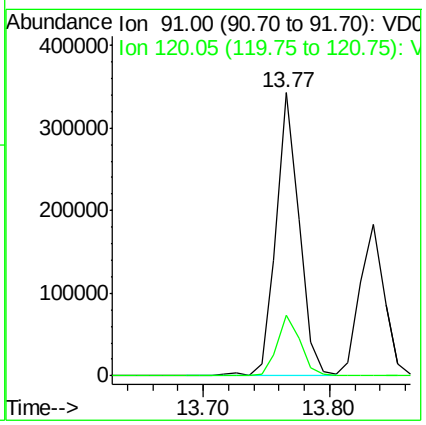


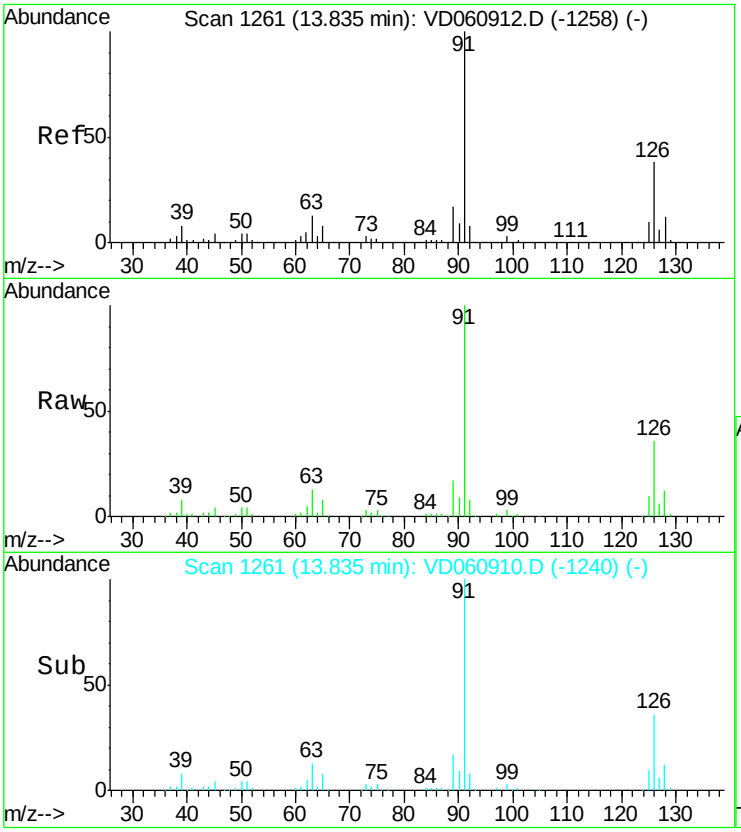




#78
n-propylbenzene
Concen: 13.676 ug/l
RT: 13.77 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 91 Resp: 438882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.6 | 10.1 | 30.3 |



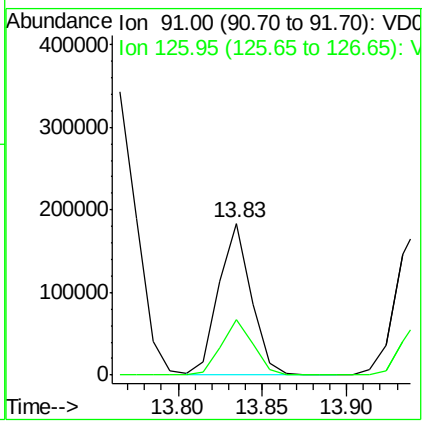


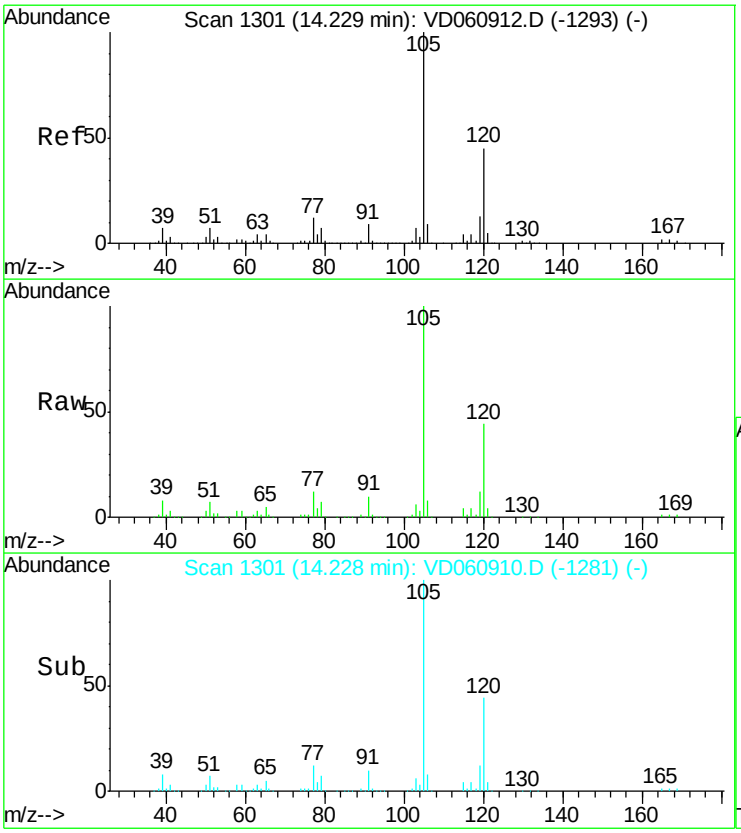

#79
2-Chlorotoluene
Concen: 13.420 ug/l
RT: 13.83 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC010

Tgt Ion: 91 Resp: 246316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 36.4 | 17.4 | 52.2 |

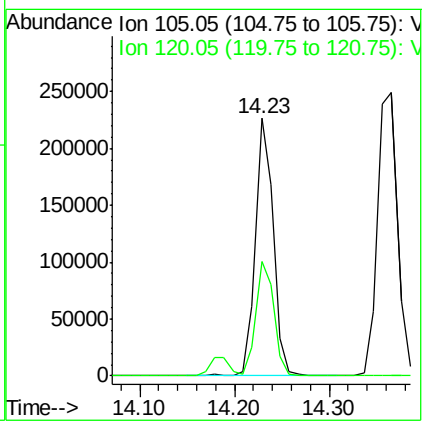


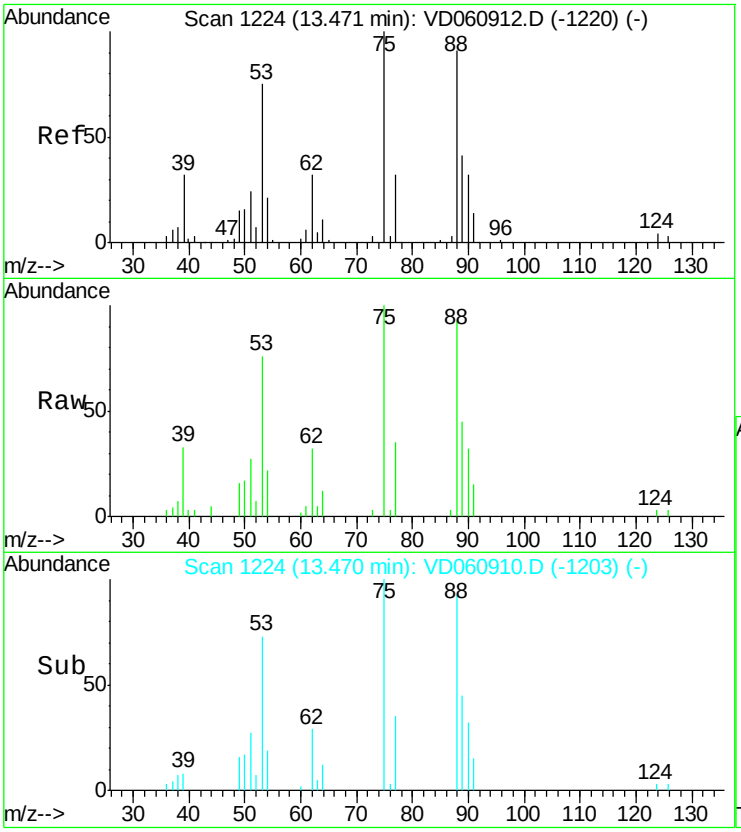




#80
1,3,5-Trimethylbenzene
Concen: 14.975 ug/l
RT: 14.23 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:105 Resp: 296004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.3 | 22.8 | 68.4 |



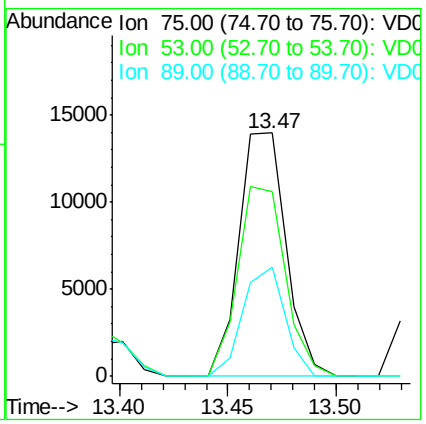


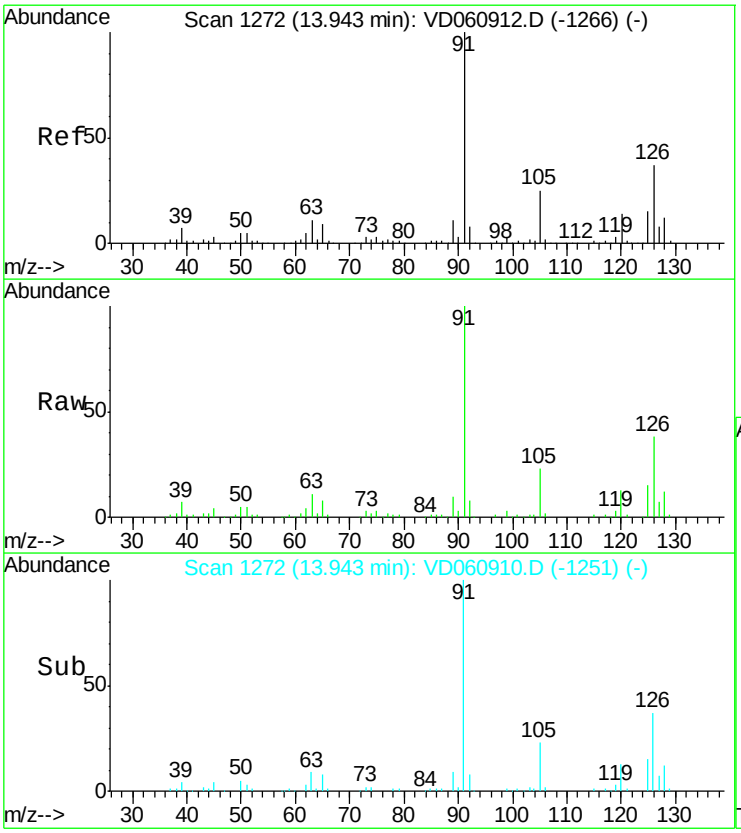

#81
trans-1,4-Dichloro-2-butene
Concen: 10.862 ug/l
RT: 13.47 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 75 Resp: 21167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 75.8 | 60.2 | 90.4 |
| 89 | 44.9 | 32.6 | 49.0 |

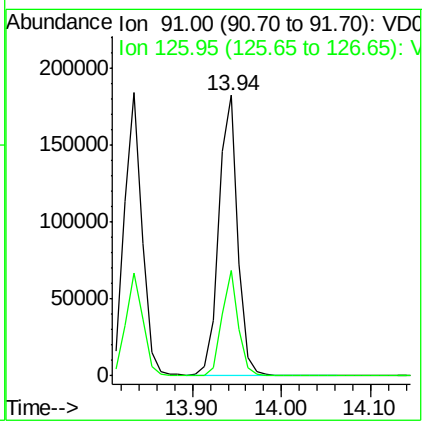


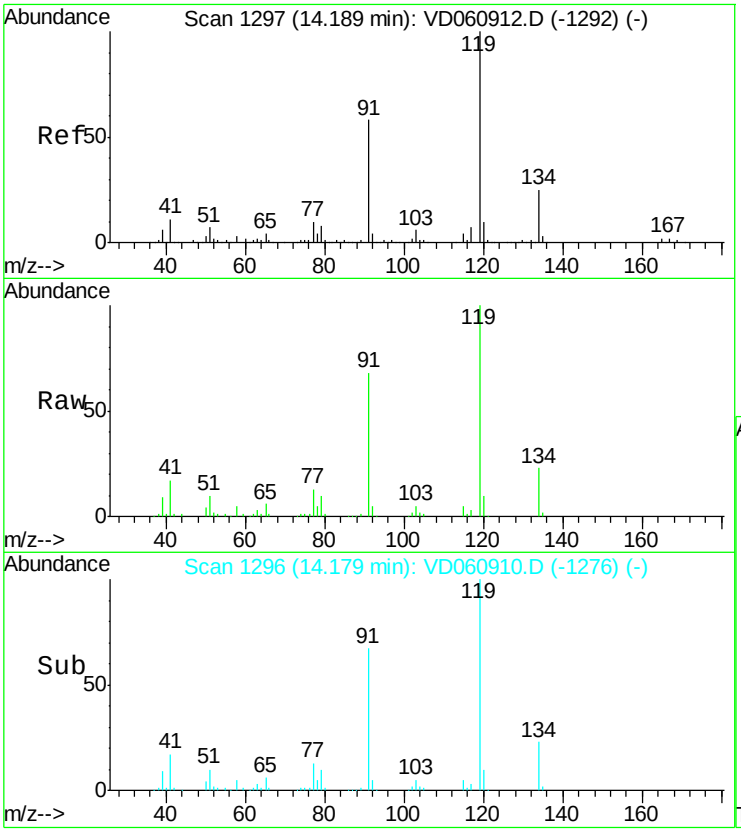




#82
4-Chlorotoluene
Concen: 13.621 ug/l
RT: 13.94 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 91 Resp: 274295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 37.6 | 16.9 | 50.7 |



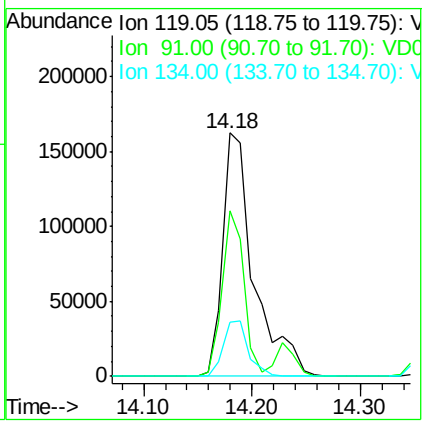


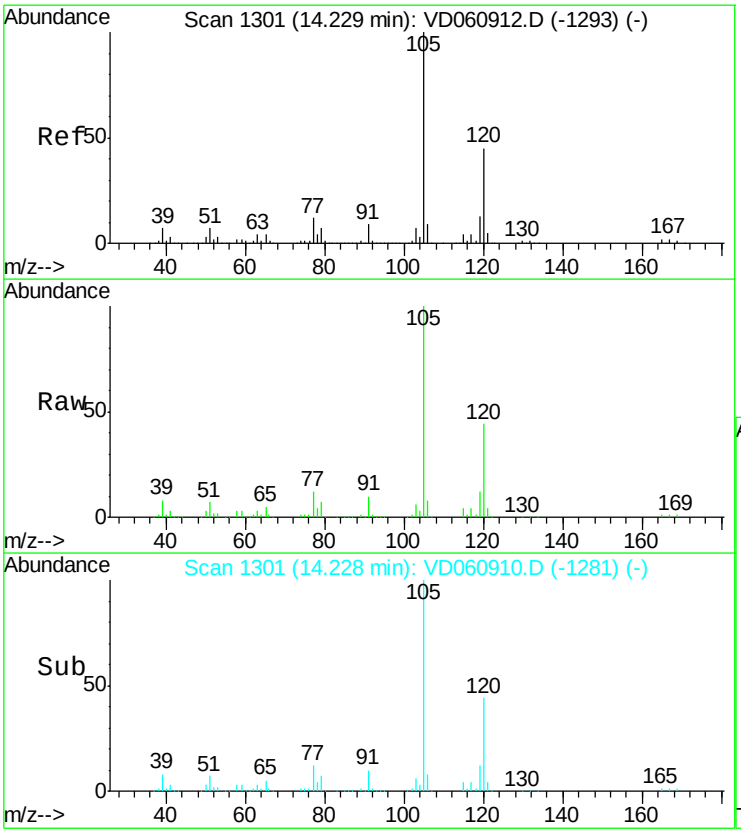

#83
tert-Butylbenzene
Concen: 14.277 ug/l
RT: 14.18 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion:119 Resp: 325888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 67.8 | 34.2 | 102.5 |
| 134 | 22.5 | 12.9 | 38.7 |

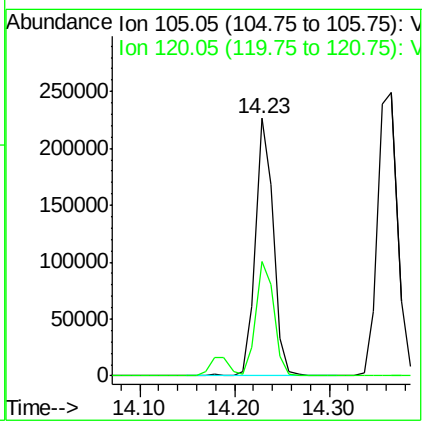


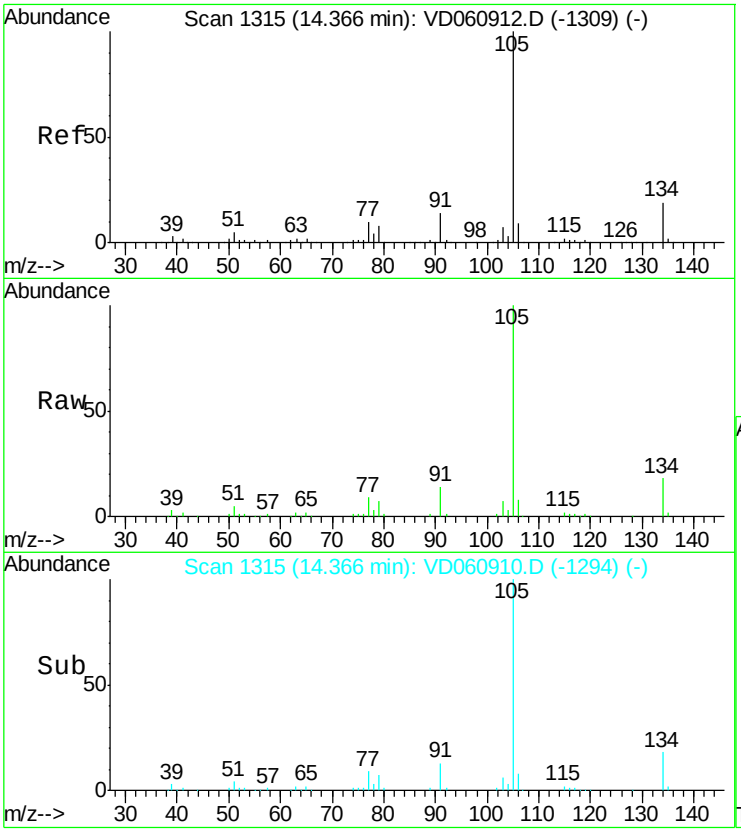




#84
1,2,4-Trimethylbenzene
Concen: 14.975 ug/l
RT: 14.23 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:105 Resp: 296004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.3 | 22.8 | 68.4 |



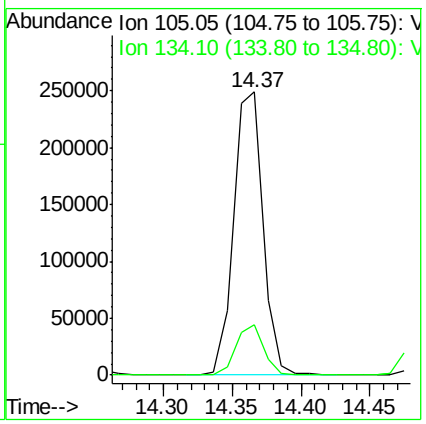


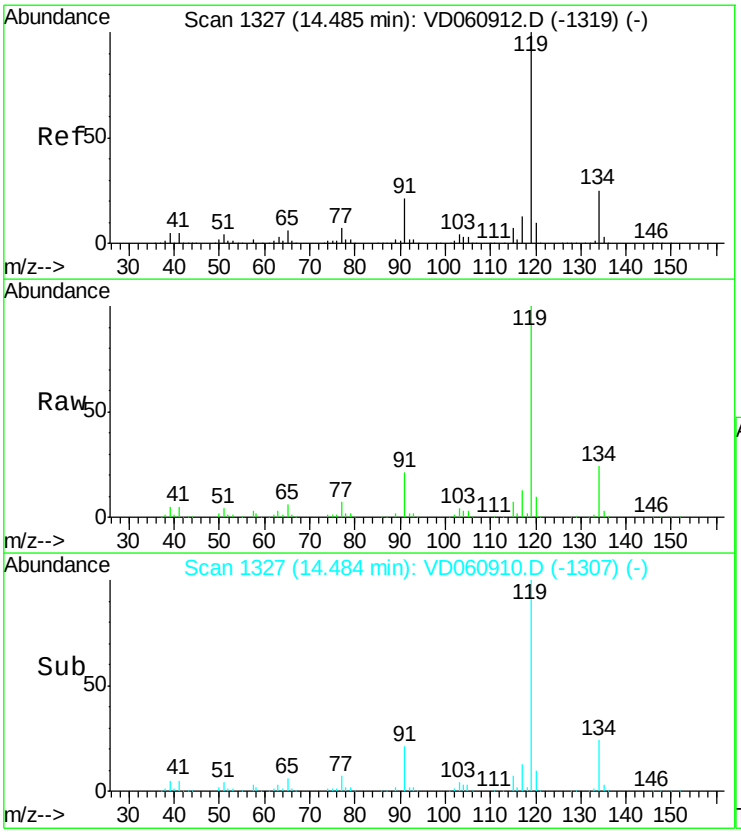

#85
sec-Butylbenzene
Concen: 14.491 ug/l
RT: 14.37 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion:105 Resp: 369261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.0 | 10.1 | 30.3 |

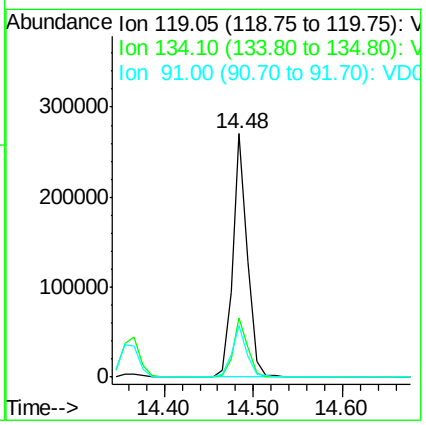


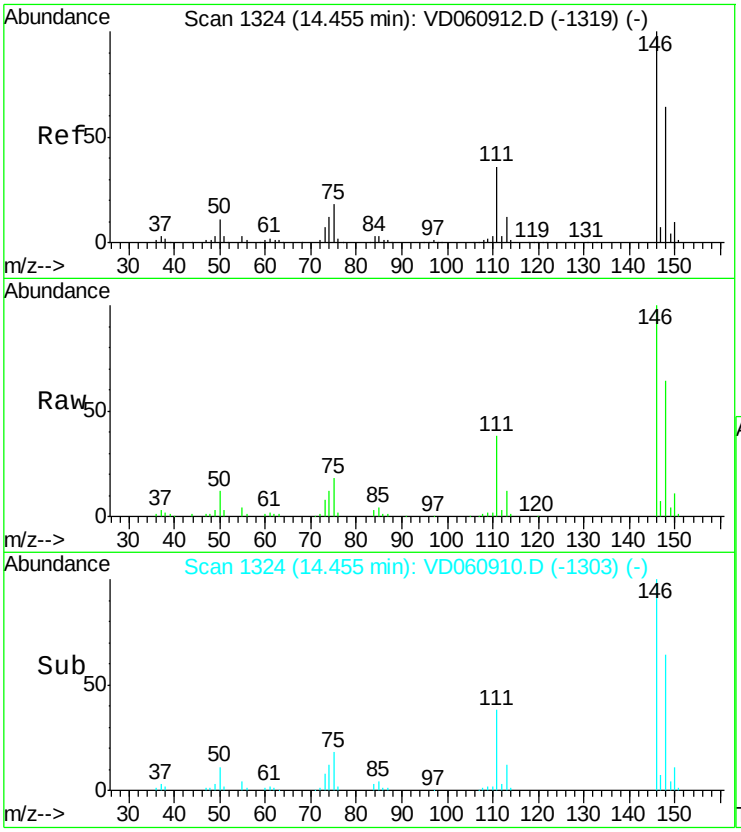




#86
p-Isopropyltoluene
Concen: 14.473 ug/l
RT: 14.48 min Scan# 1327
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:119 Resp: 309716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 24.5 | 12.9 | 38.7 |
| 91 | 21.3 | 12.6 | 37.8 |



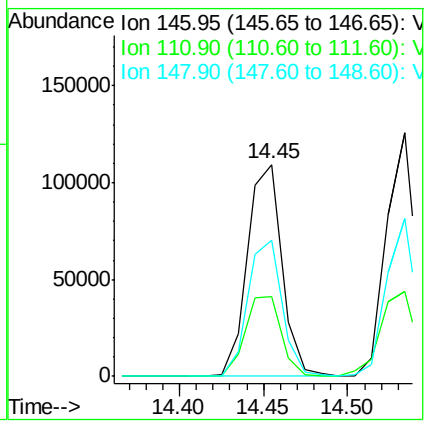


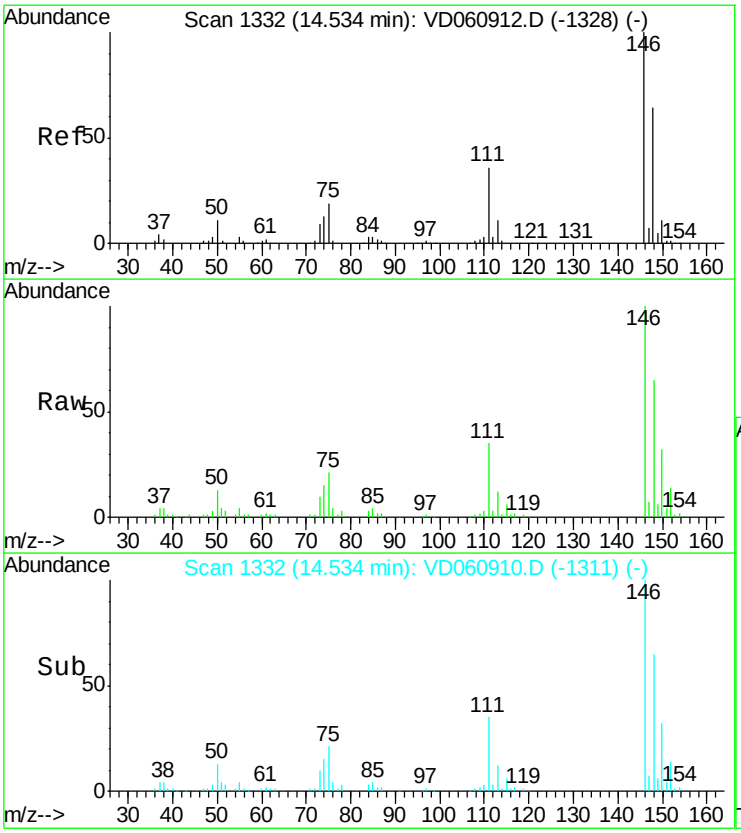

#87
1,3-Dichlorobenzene
Concen: 11.012 ug/l
RT: 14.45 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion:146 Resp: 155893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.7 | 15.9 | 47.6 |
| 148 | 64.0 | 32.4 | 97.0 |

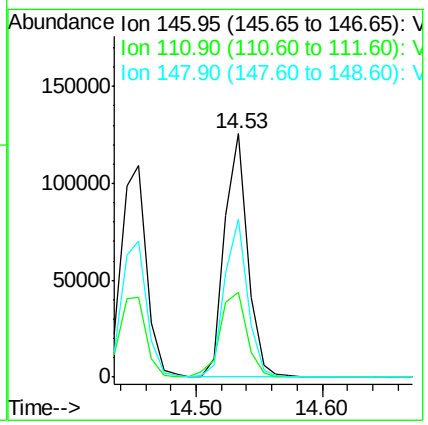


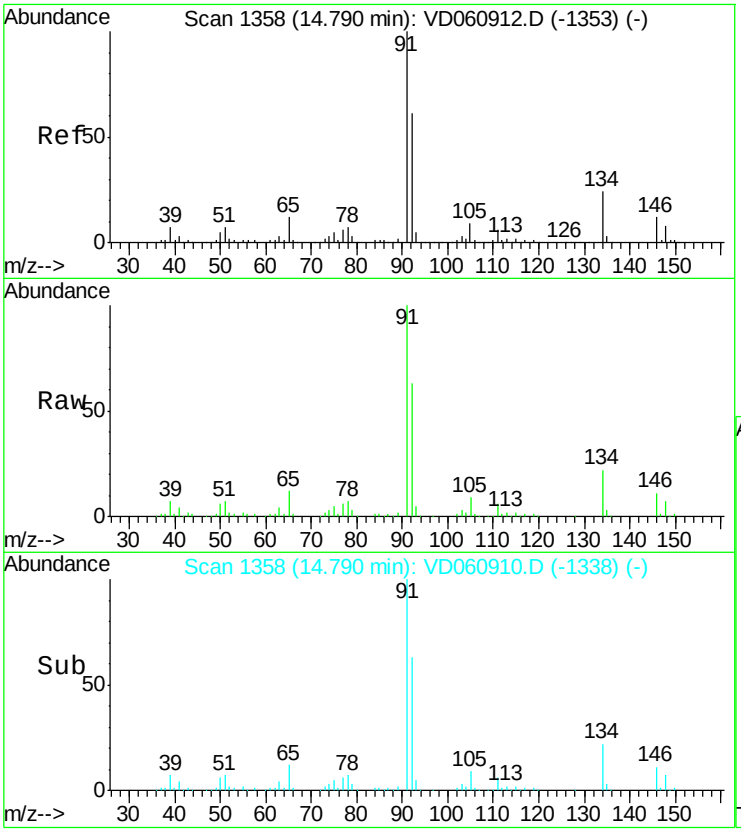




#88
1,4-Dichlorobenzene
Concen: 11.625 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:146 Resp: 158947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 34.7 | 15.9 | 47.7 |
| 148 | 64.9 | 32.6 | 97.8 |



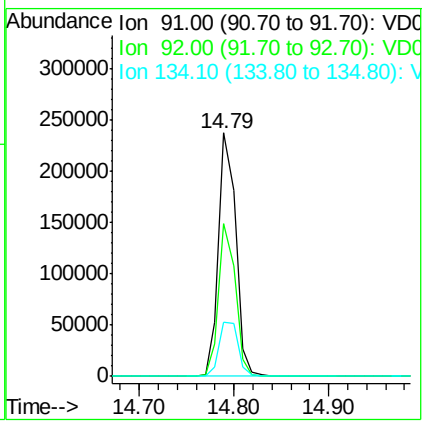


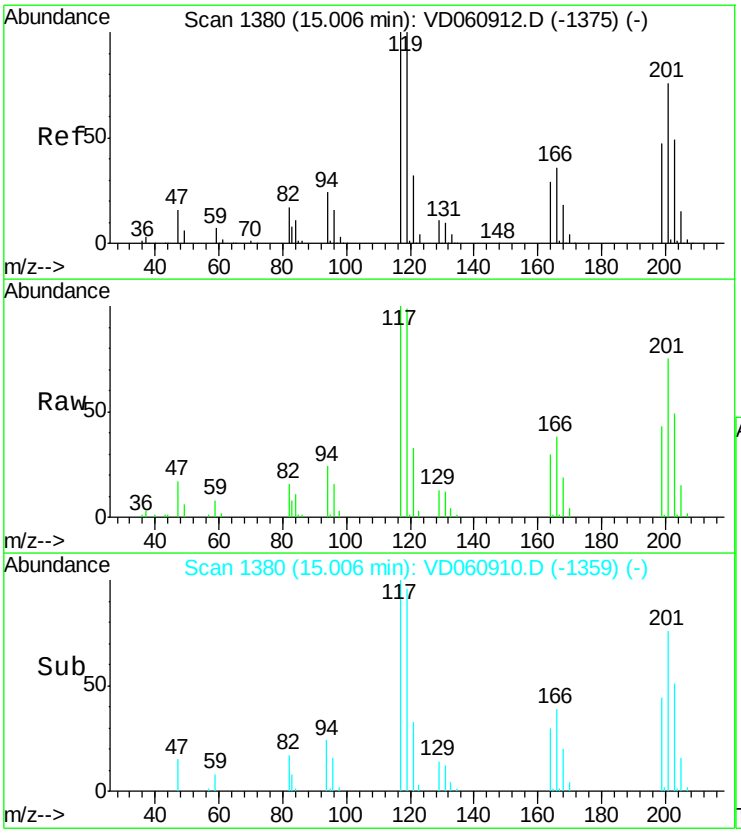

#89
n-Butylbenzene
Concen: 13.546 ug/l
RT: 14.79 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion: 91 Resp: 300310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 62.5 | 30.4 | 91.2 |
| 134 | 22.1 | 14.1 | 42.2 |

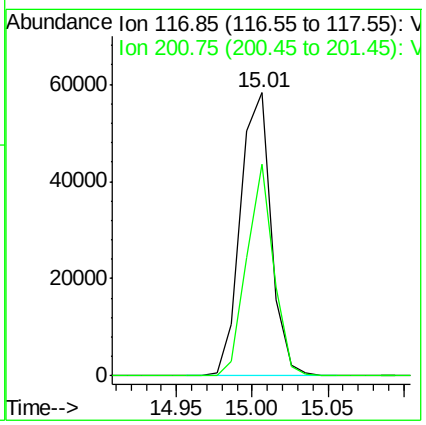


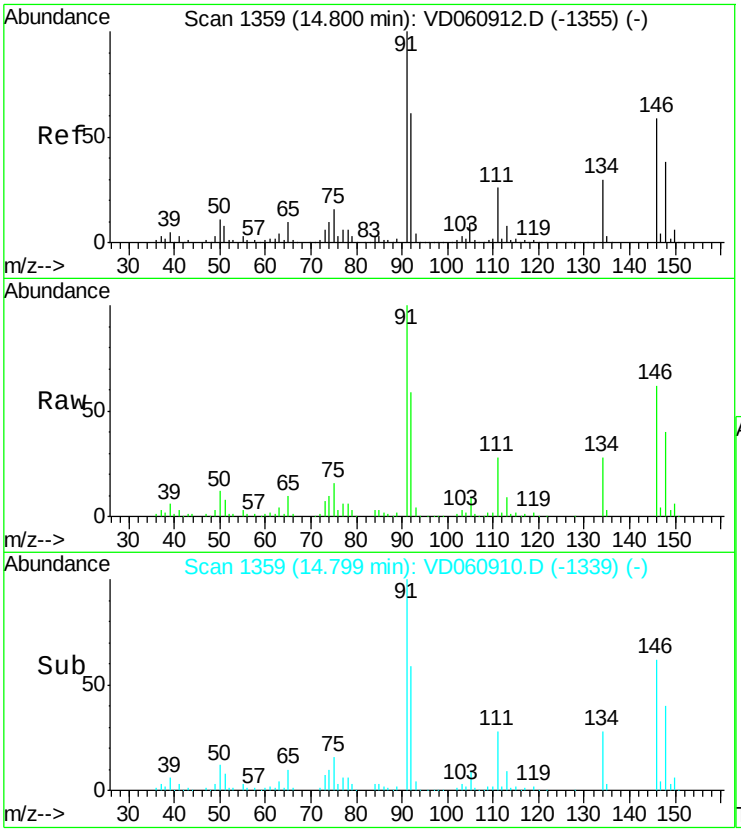




#90
Hexachloroethane
Concen: 13.456 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:117 Resp: 81710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 74.6 | 41.4 | 124.4 |



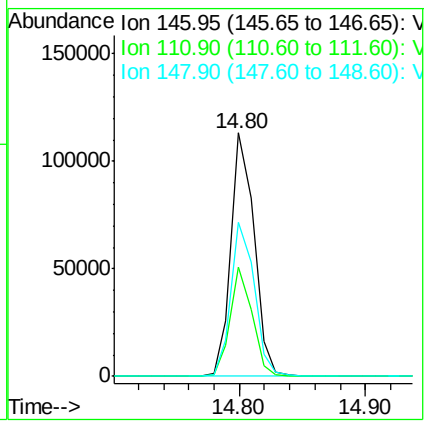


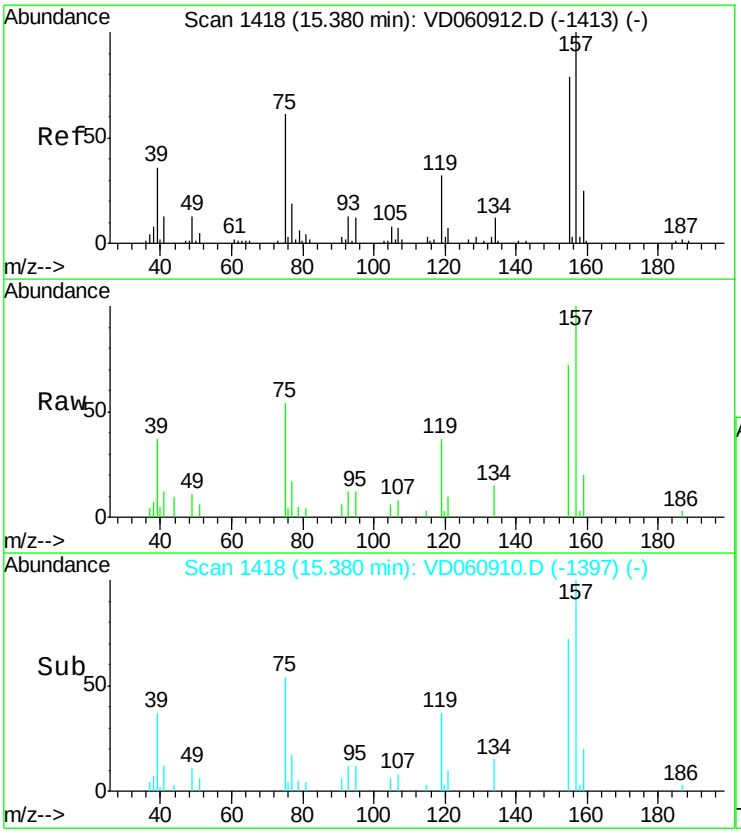

#91
1,2-Dichlorobenzene
Concen: 12.204 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion:146 Resp: 143848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.8 | 16.7 | 50.1 |
| 148 | 63.5 | 32.6 | 97.8 |

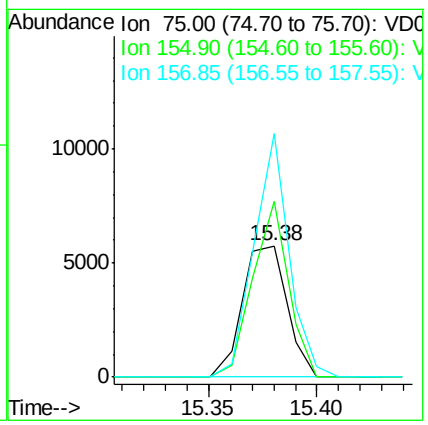


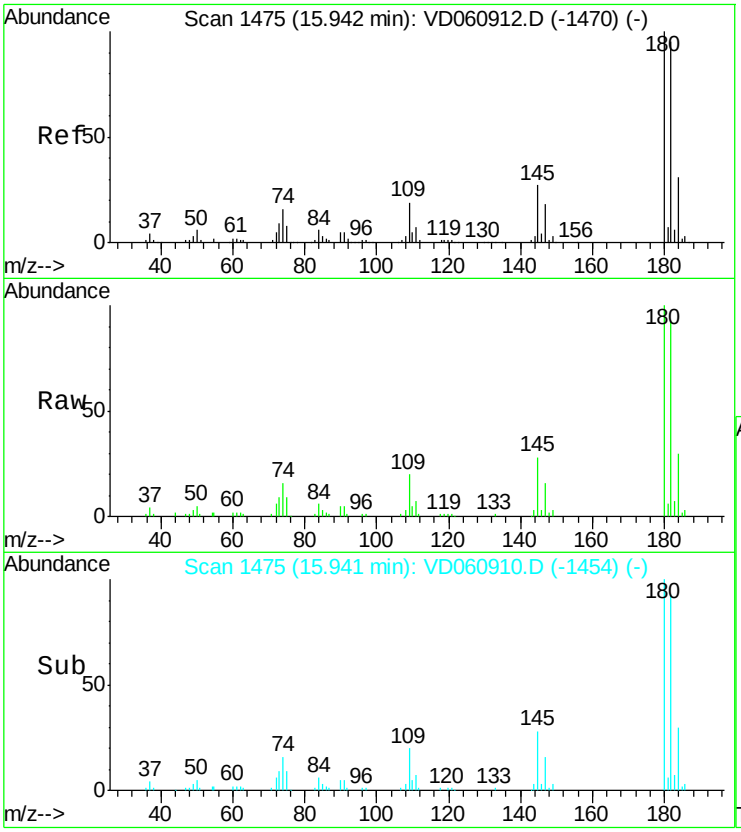




#92
1,2-Dibromo-3-Chloropropane
Concen: 9.914 ug/l
RT: 15.38 min Scan# 1418
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion: 75 Resp: 8224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 133.1 | 58.6 | 175.8 |
| 157 | 185.0 | 75.1 | 225.3 |



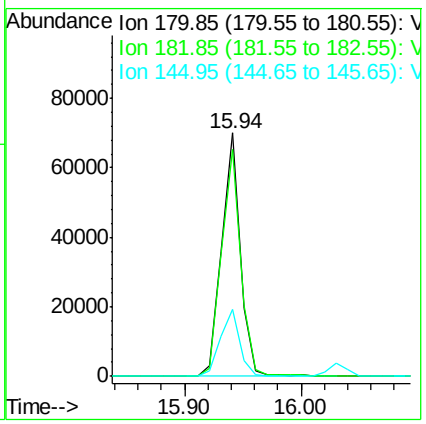


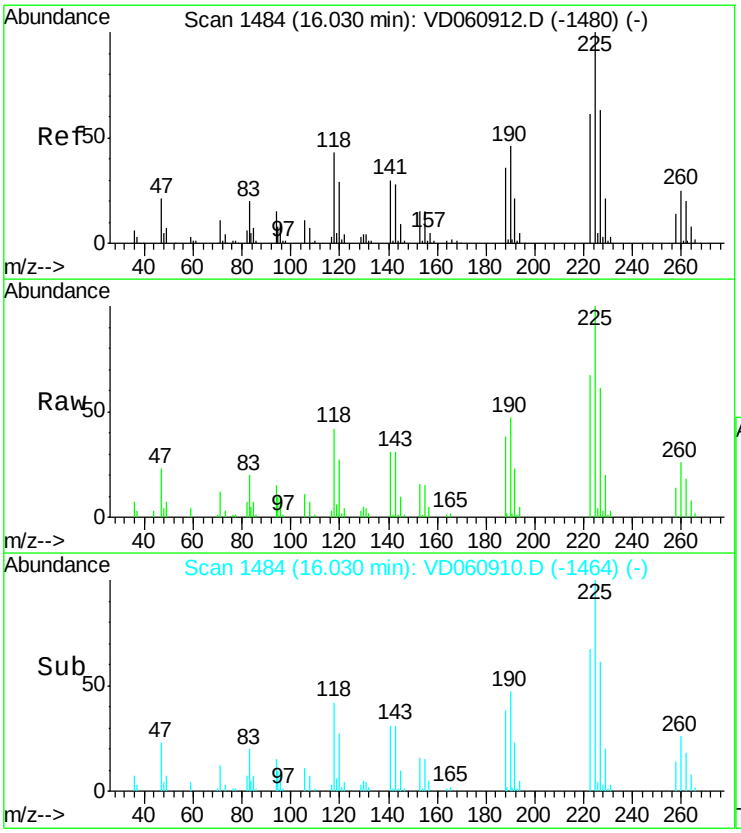

#93
1,2,4-Trichlorobenzene
Concen: 9.349 ug/l
RT: 15.94 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion:180 Resp: 77989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.4 | 47.5 | 142.6 |
| 145 | 27.6 | 14.3 | 42.9 |

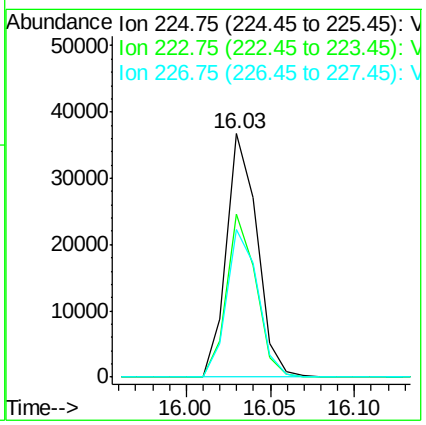


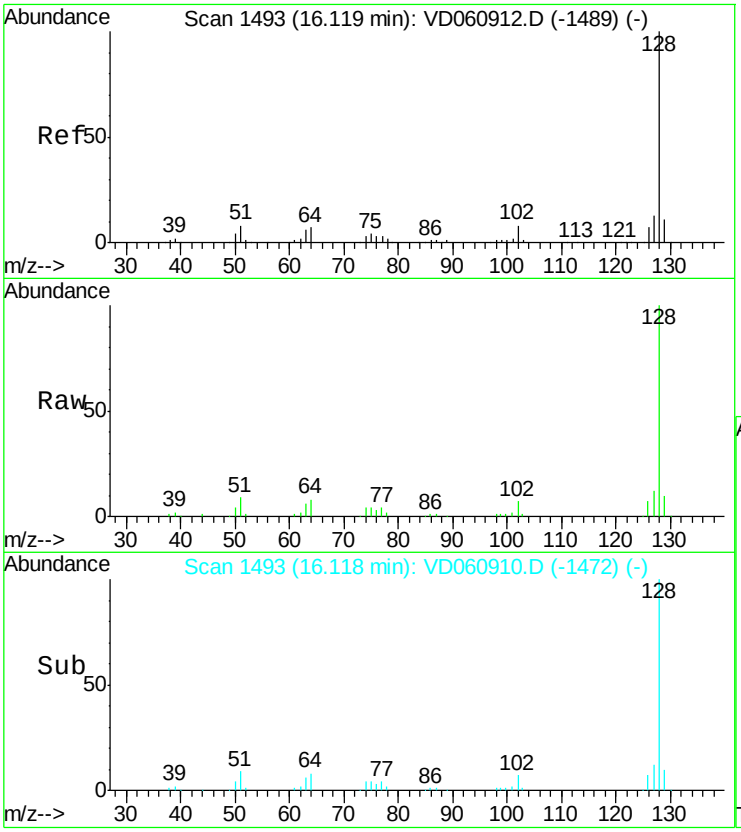




#94
Hexachlorobutadiene
Concen: 9.290 ug/l
RT: 16.03 min Scan# 1484
Delta R.T. -0.01 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:225 Resp: 46497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 66.8 | 30.6 | 91.6 |
| 227 | 60.8 | 32.0 | 96.0 |



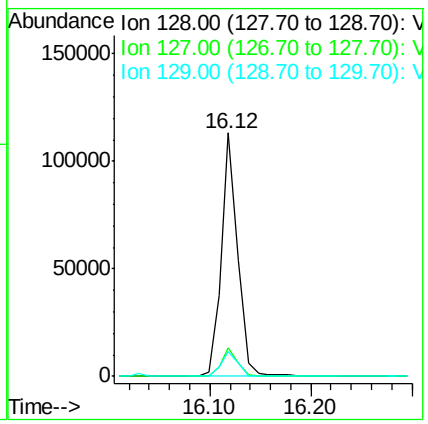


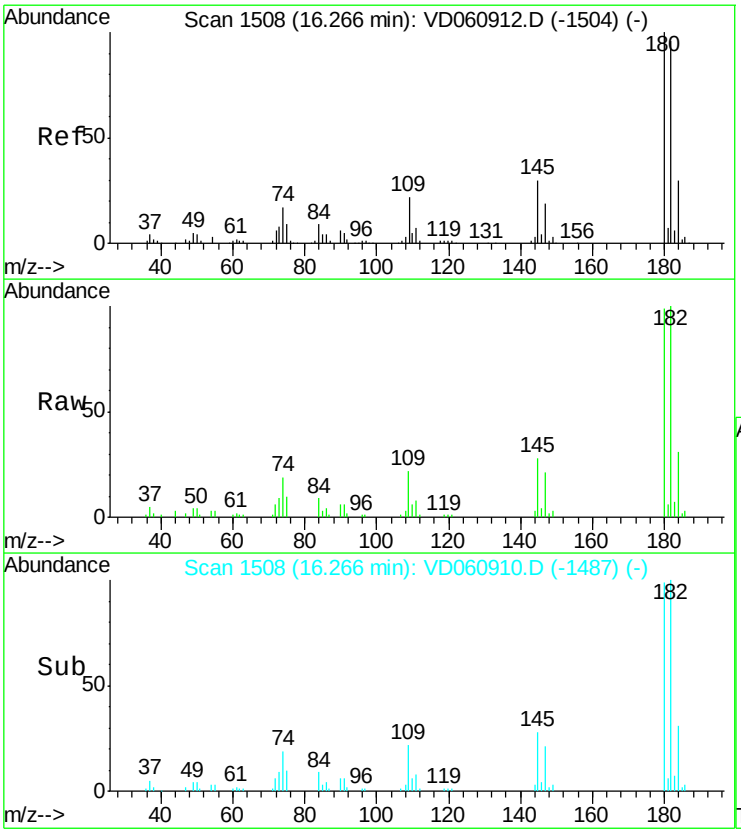

#95
Naphthalene
Concen: 10.247 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC010

Tgt Ion:128 Resp: 128869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 11.9 | 9.7 | 14.5 |
| 129 | 10.2 | 9.0 | 13.4 |




#96
1,2,3-Trichlorobenzene
Concen: 7.572 ug/l
RT: 16.27 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VD060910.D
Acq: 1 Mar 2019 15:40

Tgt Ion:180 Resp: 48573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 100.7 | 47.9 | 143.8 |
| 145 | 27.9 | 12.9 | 38.7 |