Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120518\

Quantitation Report (Not Reviewed)

Data File : VD060494.D
Acq On : 5 Dec 2018 16:01
Operator : VA/AP
Sample : VSTDICC100
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC100

Quant Time: Dec 06 00:45:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 00:38:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 6.42 | 168 | 1606993 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 7.44 | 114 | 2317977 | 50.00 | ug/l | -0.01 |
| 63) Chlorobenzene-d5 | 11.28 | 117 | 1757165 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.38 | 152 | 901198 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.79 | 65 | 1137009 | 99.06 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 198.12% | | | |
| 35) Dibromofluoromethane | 6.33 | 113 | 1660406 | 96.96 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 193.92% | | | |
| 50) Toluene-d8 | 9.46 | 98 | 4652060 | 92.52 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 185.04% | | | |
| 62) 4-Bromofluorobenzene | 12.43 | 95 | 1676757 | 92.18 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 184.36% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.61 | 85 | 1413348 | 95.308 | ug/l | 98 |
| 3) Chloromethane | 1.77 | 50 | 1444638 | 93.819 | ug/l | 97 |
| 4) Vinyl Chloride | 1.86 | 62 | 1219530 | 97.199 | ug/l | 99 |
| 5) Bromomethane | 2.16 | 94 | 211982 | 70.181 | ug/l | 97 |
| 6) Chloroethane | 2.27 | 64 | 312956 | 75.894 | ug/l | 94 |
| 7) Trichlorofluoromethane | 2.52 | 101 | 1297937 | 87.588 | ug/l | 97 |
| 8) Diethyl Ether | 2.84 | 74 | 248676 | 93.387 | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.10 | 101 | 859571 | 89.379 | ug/l | 98 |
| 10) Methyl Iodide | 3.26 | 142 | 1108454 | 89.310 | ug/l | 99 |
| 11) Tert butyl alcohol | 3.99 | 59 | 237833 | 505.851 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 3.08 | 96 | 695272 | 88.805 | ug/l | 97 |
| 13) Acrolein | 2.99 | 56 | 246085 | 448.064 | ug/l | 91 |
| 14) Allyl chloride | 3.54 | 41 | 1431896 | 95.221 | ug/l | 99 |
| 15) Acrylonitrile | 4.10 | 53 | 1302651 | 474.796 | ug/l | 97 |
| 16) Acetone | 3.17 | 43 | 877836 | 441.766 | ug/l | 99 |
| 17) Carbon Disulfide | 3.33 | 76 | 2373155 | 93.341 | ug/l | 100 |
| 18) Methyl Acetate | 3.56 | 43 | 408470 | 94.899 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 4.14 | 73 | 2214284 | 94.781 | ug/l | 100 |
| 20) Methylene Chloride | 3.73 | 84 | 1606475 | 89.984 | ug/l | 95 |
| 21) trans-1,2-Dichloroethene | 4.11 | 96 | 1622629 | 92.873 | ug/l | 97 |
| 22) Diisopropyl ether | 4.86 | 45 | 5331086 | 95.359 | ug/l | 99 |
| 23) Vinyl Acetate | 4.81 | 43 | 13331812 | 477.502 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 4.76 | 63 | 2679185 | 93.129 | ug/l | 99 |
| 25) 2-Butanone | 5.63 | 43 | 1833898 | 448.961 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 5.59 | 77 | 1992174 | 89.507 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 5.60 | 96 | 1694521 | 93.510 | ug/l | 99 |
| 28) Bromochloromethane | 5.94 | 49 | 1223943 | 96.430 | ug/l | 99 |
| 29) Tetrahydrofuran | 5.97 | 42 | 1008032 | 462.945 | ug/l | 99 |
| 30) Chloroform | 6.11 | 83 | 2649329 | 92.106 | ug/l | 100 |
| 31) Cyclohexane | 6.38 | 56 | 2294446 | 83.773 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 6.30 | 97 | 2218193 | 91.823 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 6.53 | 75 | 1954877 | 85.312 | ug/l | 99 |
| 37) Ethyl Acetate | 5.71 | 43 | 986602 | 94.011 | ug/l | 99 |
| 38) Carbon Tetrachloride | 6.51 | 117 | 1814884 | 85.857 | ug/l | 99 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120518\

Quantitation Report (Not Reviewed)

Data File : VD060494.D
Acq On : 5 Dec 2018 16:01
Operator : VA/AP
Sample : VSTDICC100
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC100

Quant Time: Dec 06 00:45:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 00:38:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 8.04 | 83 | 2295014 | 87.328 | ug/l | | 99 |
| 40) Benzene | 6.80 | 78 | 5233204 | 89.750 | ug/l | | 100 |
| 41) Methacrylonitrile | 5.96 | 41 | 1099348 | 101.340 | ug/l | # | 69 |
| 42) 1,2-Dichloroethane | 6.90 | 62 | 1408430 | 92.831 | ug/l | | 100 |
| 43) Isopropyl Acetate | 8.36 | 43 | 1278963 | 97.846 | ug/l | # | 98 |
| 44) Trichloroethene | 7.75 | 130 | 1648896 | 93.215 | ug/l | | 99 |
| 45) 1,2-Dichloropropane | 8.11 | 63 | 1357547 | 92.537 | ug/l | | 99 |
| 46) Dibromomethane | 8.22 | 93 | 814140 | 94.575 | ug/l | | 98 |
| 47) Bromodichloromethane | 8.49 | 83 | 1902750 | 94.189 | ug/l | | 99 |
| 48) Methyl methacrylate | 8.25 | 41 | 756202 | 94.852 | ug/l | | 98 |
| 49) 1,4-Dioxane | 8.24 | 88 | 141241 | 2028.148 | ug/l | | 94 |
| 51) 4-Methyl-2-Pentanone | 9.35 | 43 | 3748516 | 440.049 | ug/l | | 98 |
| 52) Toluene | 9.56 | 92 | 3267508 | 87.824 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 9.92 | 75 | 1611430 | 94.838 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 9.10 | 75 | 2088015 | 95.023 | ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 10.19 | 97 | 976263 | 90.617 | ug/l | | 99 |
| 56) Ethyl methacrylate | 10.03 | 69 | 975202 | 99.128 | ug/l | | 99 |
| 57) 1,3-Dichloropropane | 10.38 | 76 | 1520742 | 92.991 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.93 | 63 | 2583269 | 436.411 | ug/l | | 99 |
| 59) 2-Hexanone | 10.49 | 43 | 2677039 | 443.408 | ug/l | | 100 |
| 60) Dibromochloromethane | 10.64 | 129 | 1275418 | 97.552 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 10.76 | 107 | 1036273 | 96.147 | ug/l | | 100 |
| 64) Tetrachloroethene | 10.26 | 164 | 1455795 | 92.545 | ug/l | | 98 |
| 65) Chlorobenzene | 11.32 | 112 | 3508784 | 92.432 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 11.42 | 131 | 1088685 | 87.698 | ug/l | | 99 |
| 67) Ethyl Benzene | 11.43 | 91 | 5321688 | 81.653 | ug/l | | 99 |
| 68) m/p-Xylenes | 11.56 | 106 | 3978527 | 165.899 | ug/l | | 98 |
| 69) o-Xylene | 11.94 | 106 | 2055838 | 88.823 | ug/l | | 97 |
| 70) Styrene | 11.96 | 104 | 3322370 | 88.364 | ug/l | | 99 |
| 71) Bromoform | 12.12 | 173 | 883568 | 105.573 | ug/l | | 99 |
| 73) Isopropylbenzene | 12.27 | 105 | 5548583 | 84.217 | ug/l | | 99 |
| 74) N-amyl acetate | 12.14 | 43 | 1623393 | 96.670 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 12.57 | 83 | 1000306 | 93.806 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 12.60 | 75 | 1013102 | 94.373 | ug/l | | 99 |
| 77) Bromobenzene | 12.54 | 156 | 1547224 | 88.823 | ug/l | | 96 |
| 78) n-propylbenzene | 12.64 | 91 | 6653275 | 81.431 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.71 | 91 | 3867299 | 85.984 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 12.80 | 105 | 4068417 | 80.118 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.34 | 75 | 307023 | 100.394 | ug/l | | 100 |
| 82) 4-Chlorotoluene | 12.81 | 91 | 3996449 | 79.395 | ug/l | | 99 |
| 83) tert-Butylbenzene | 13.05 | 119 | 4624541 | 81.801 | ug/l | | 96 |
| 84) 1,2,4-Trimethylbenzene | 13.10 | 105 | 4290476 | 84.335 | ug/l | | 98 |
| 85) sec-Butylbenzene | 13.23 | 105 | 5880903 | 85.199 | ug/l | | 96 |
| 86) p-Isopropyltoluene | 13.35 | 119 | 4478587 | 80.693 | ug/l | | 97 |
| 87) 1,3-Dichlorobenzene | 13.32 | 146 | 2652335 | 85.667 | ug/l | | 97 |
| 88) 1,4-Dichlorobenzene | 13.40 | 146 | 2603669 | 86.276 | ug/l | | 97 |
| 89) n-Butylbenzene | 13.65 | 91 | 4310822 | 75.896 | ug/l | | 99 |
| 90) Hexachloroethane | 13.86 | 117 | 1262560 | 94.558 | ug/l | | 97 |
| 91) 1,2-Dichlorobenzene | 13.66 | 146 | 1981813 | 78.092 | ug/l | | 96 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.23 | 75 | 137217 | 106.926 | ug/l | # | 43 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120518\

Quantitation Report (Not Reviewed)

Data File : VD060494.D
Acq On : 5 Dec 2018 16:01
Operator : VA/AP
Sample : VSTDICC100
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC100

Quant Time: Dec 06 00:45:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 00:38:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.79 | 180 | 1802293 | 89.656 | ug/l | 99 |
| 94) Hexachlorobutadiene | 14.88 | 225 | 1273362 | 85.041 | ug/l | 99 |
| 95) Naphthalene | 14.97 | 128 | 2315470 | 93.840 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 15.12 | 180 | 1501678 | 93.478 | ug/l | 100 |

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

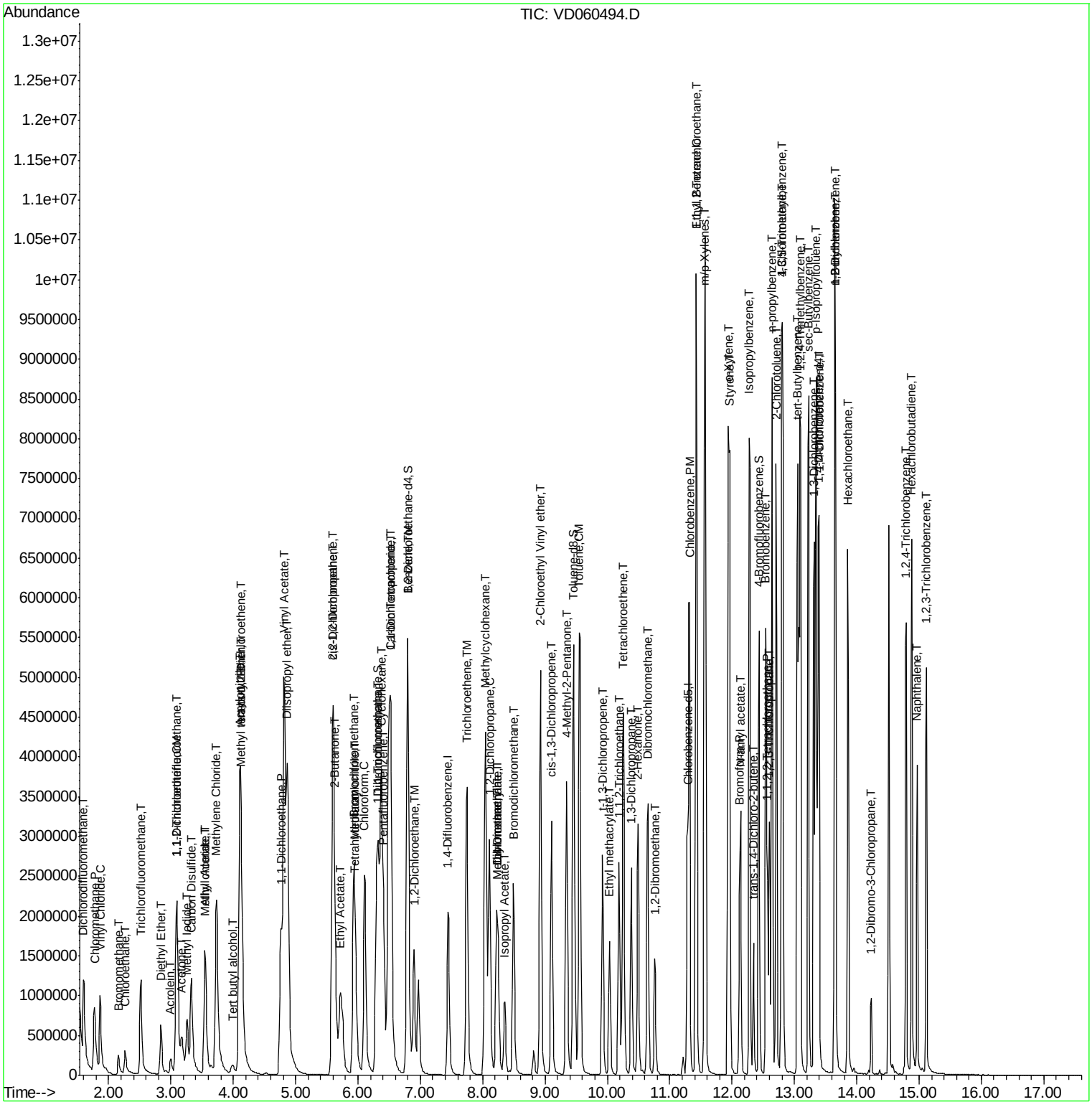
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120518\

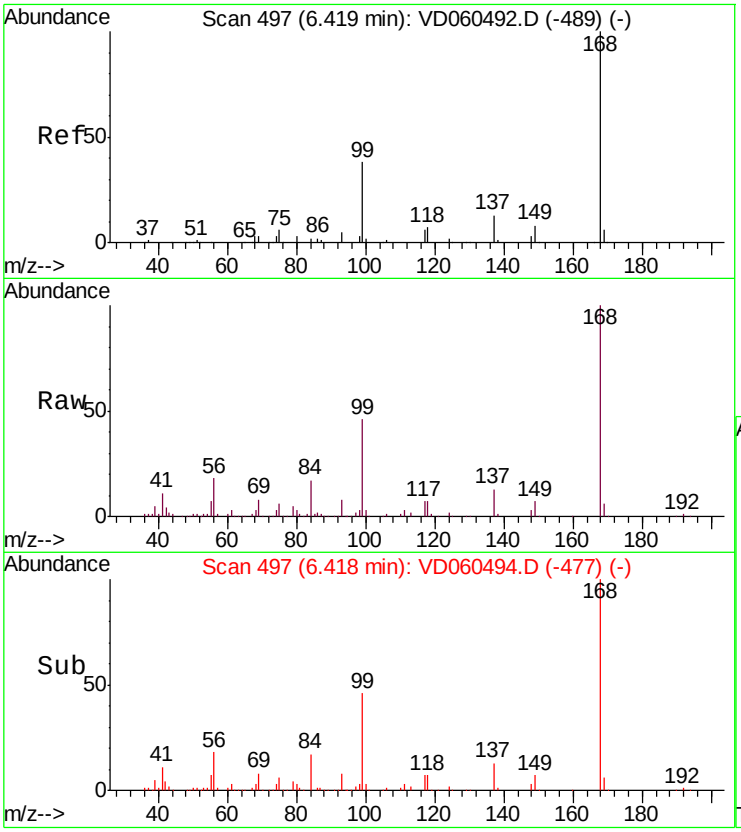
Quantitation Report (Not Reviewed)

Data File : VD060494.D
Acq On : 5 Dec 2018 16:01
Operator : VA/AP
Sample : VSTDICC100
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Quant Time: Dec 06 00:45:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 00:38:17 2018
Response via : Initial Calibration



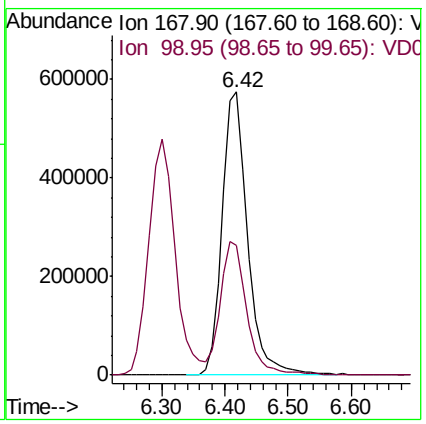


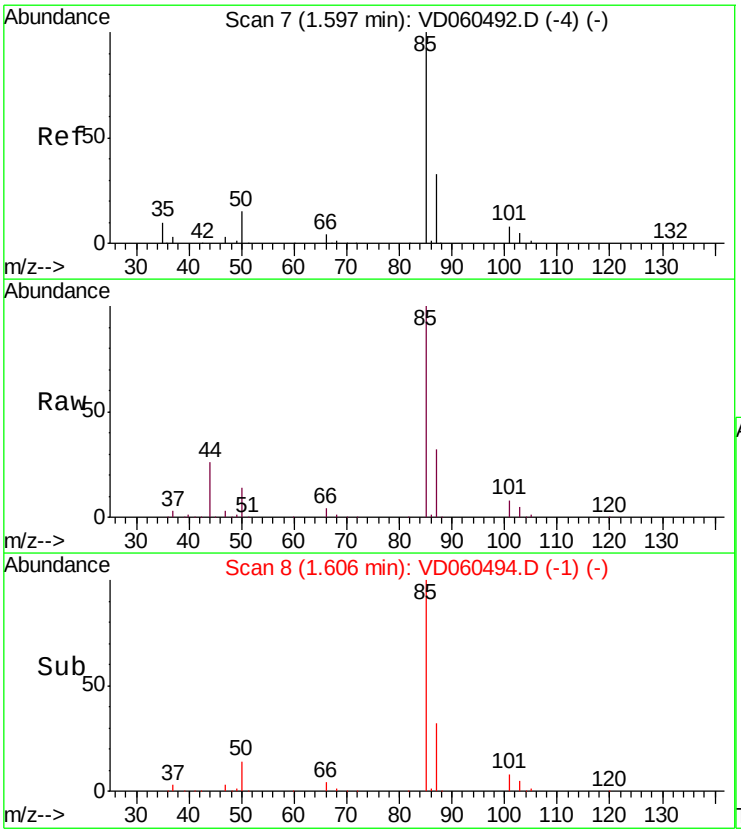

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.42 min Scan# 497
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion:168 Resp: 1606993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 45.7 | 35.6 | 53.4 |

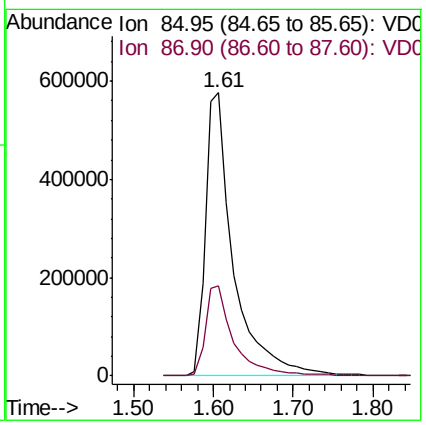


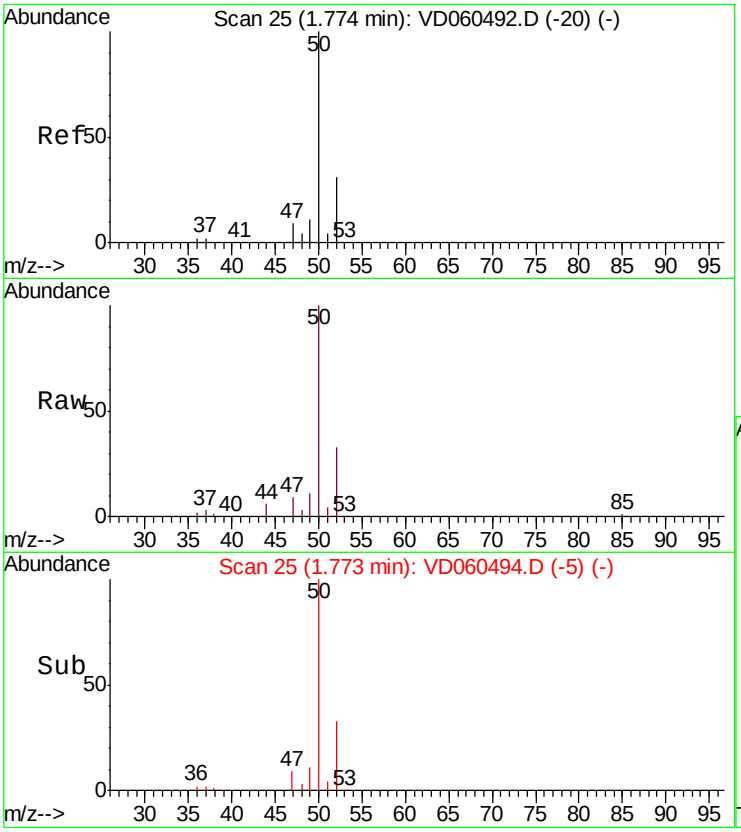




#2
Dichlorodifluoromethane
Concen: 95.308 ug/l
RT: 1.61 min Scan# 8
Delta R.T. 0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 85 Resp: 1413348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.0 | 16.7 | 50.0 |



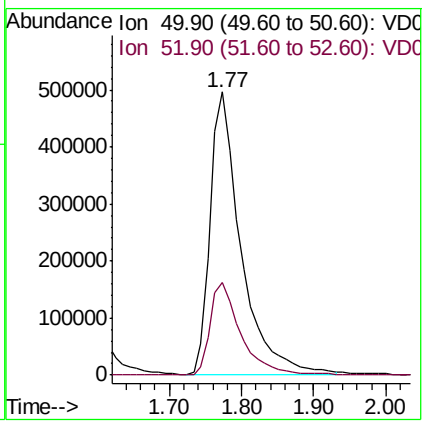


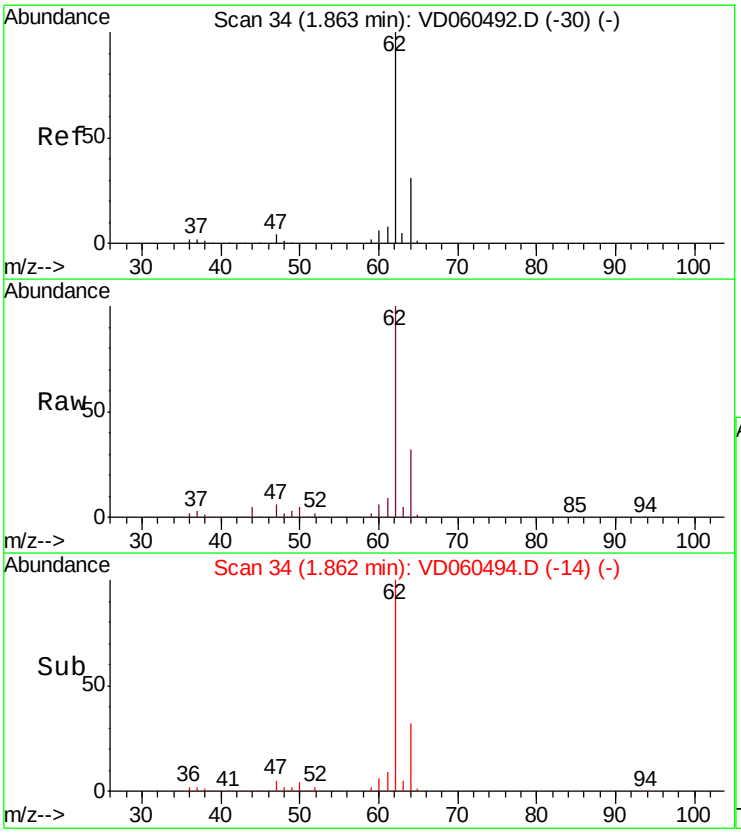

#3
Chloromethane
Concen: 93.819 ug/l
RT: 1.77 min Scan# 25
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 50 Resp: 1444638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.6 | 25.0 | 37.4 |

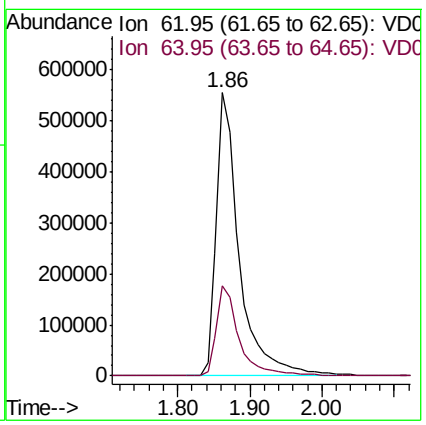


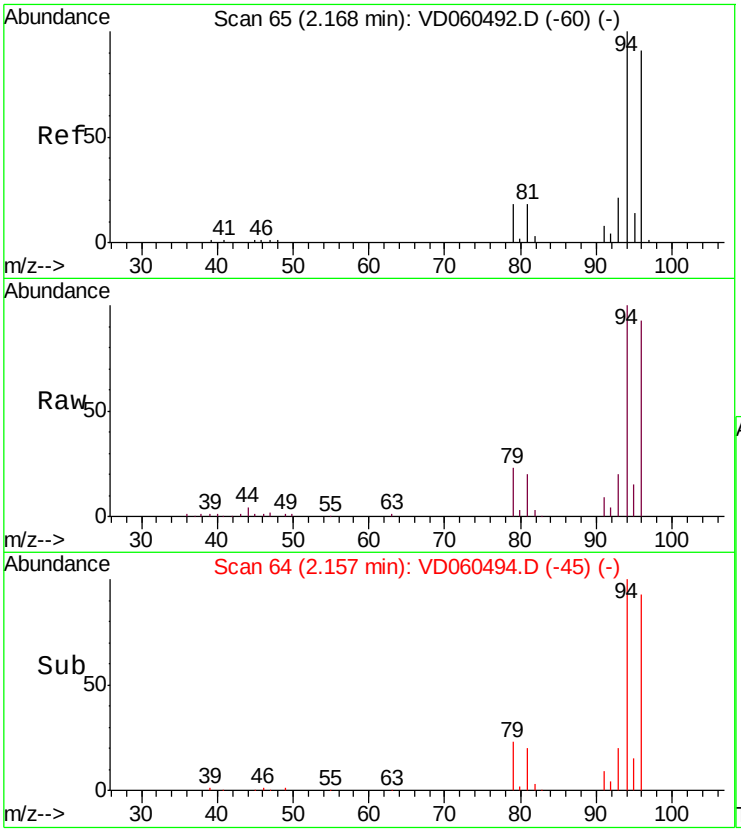




#4
Vinyl Chloride
Concen: 97.199 ug/l
RT: 1.86 min Scan# 34
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 62 Resp: 1219530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.6 | 24.6 | 37.0 |



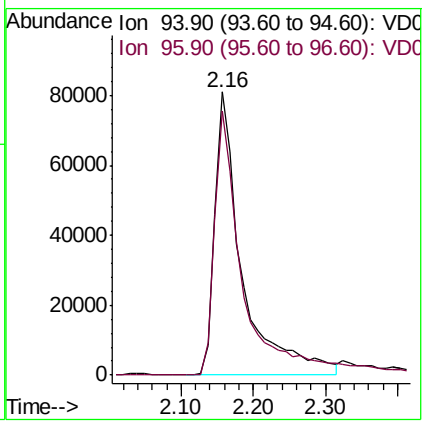


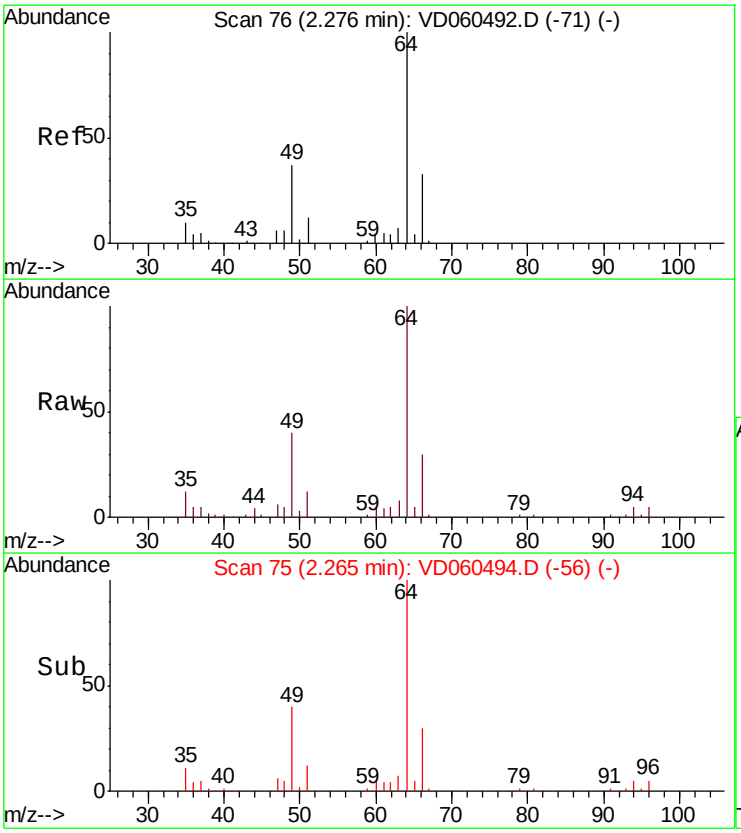

#5
Bromomethane
Concen: 70.181 ug/l
RT: 2.16 min Scan# 64
Delta R.T. -0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 94 Resp: 211982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.4 | 72.6 | 108.8 |

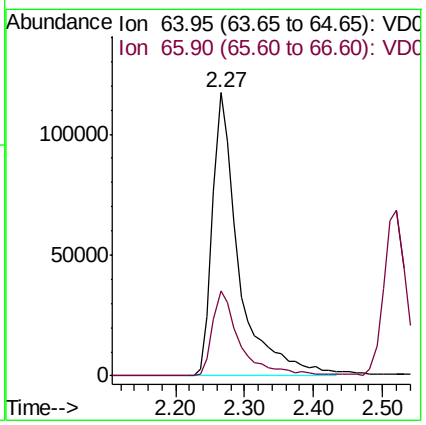


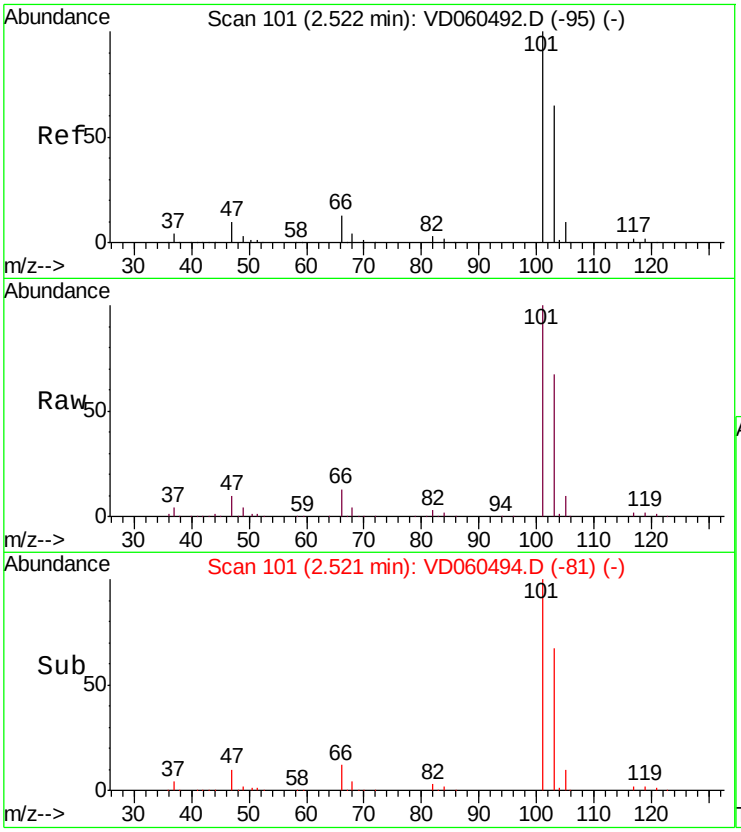




#6
Chloroethane
Concen: 75.894 ug/l
RT: 2.27 min Scan# 75
Delta R.T. -0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 64 Resp: 312956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 29.8 | 26.4 | 39.6 |



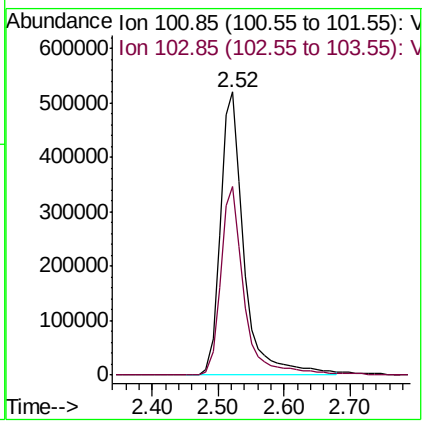


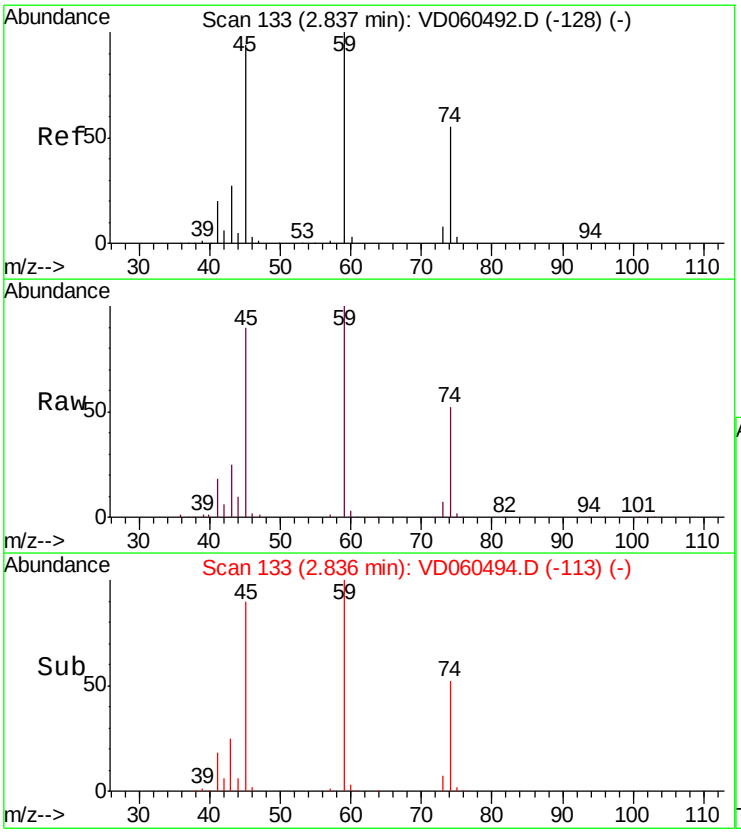

#7
Trichlorofluoromethane
Concen: 87.588 ug/l
RT: 2.52 min Scan# 101
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion:101 Resp: 1297937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 66.8 | 51.8 | 77.8 |

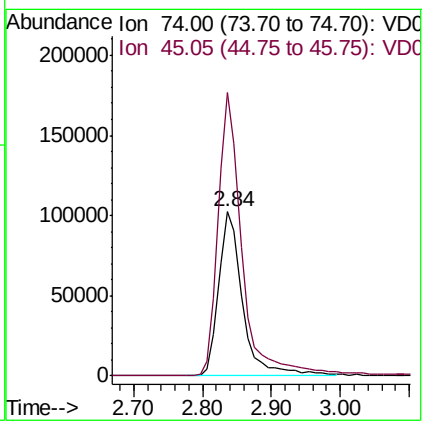


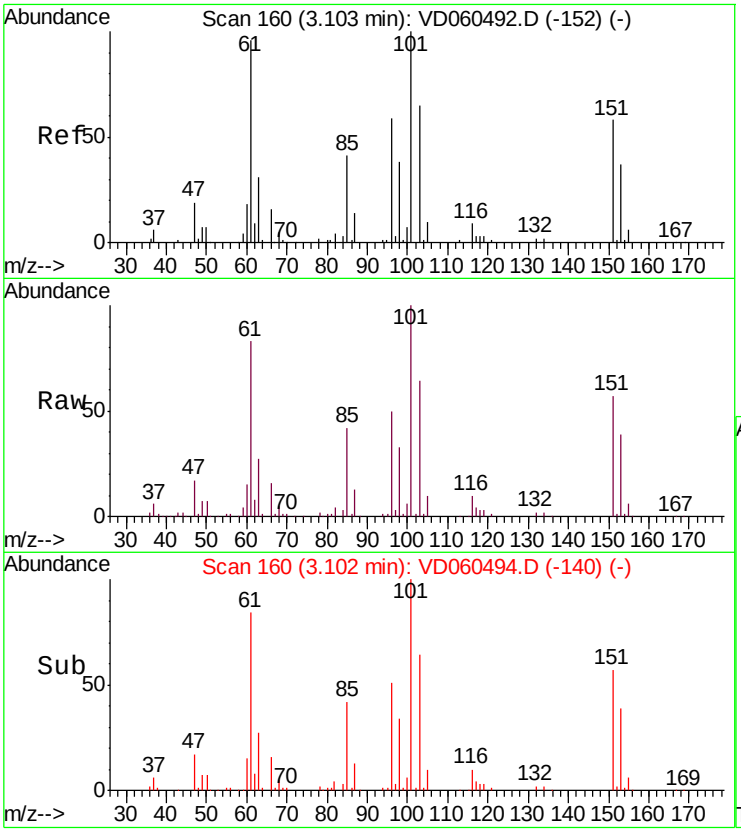




#8
Diethyl Ether
Concen: 93.387 ug/l
RT: 2.84 min Scan# 133
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 74 Resp: 248676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 172.5 | 86.0 | 258.0 |



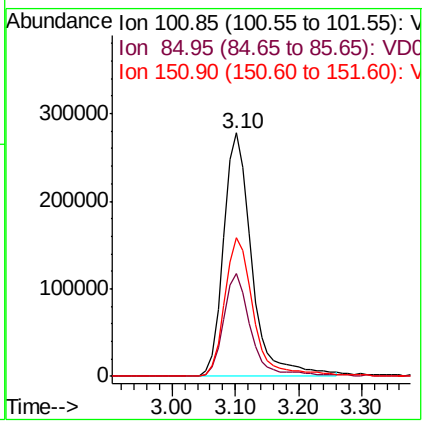


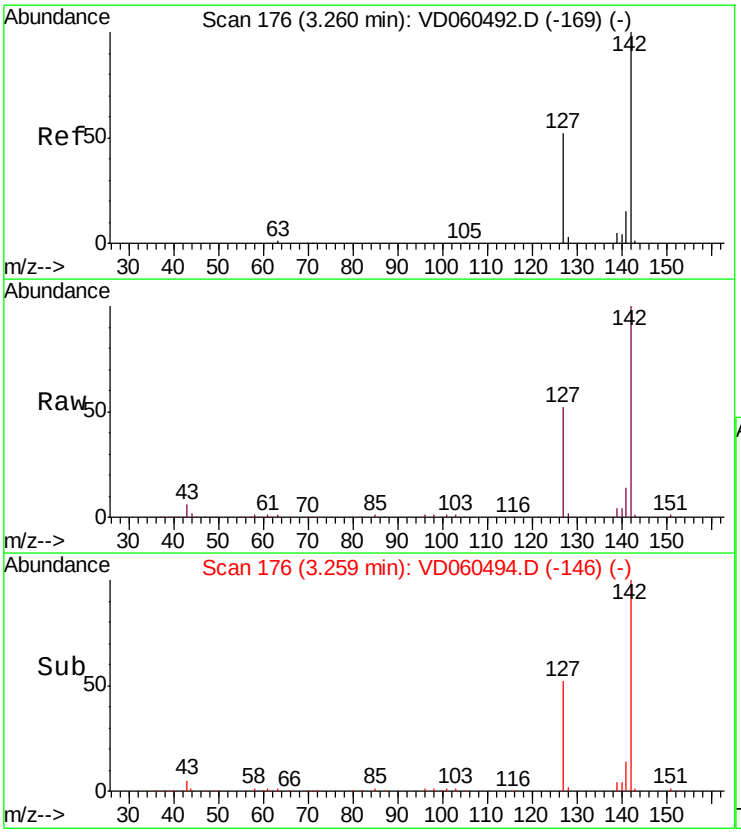

#9
1,1,2-Trichlorotrifluoroethane
Concen: 89.379 ug/l
RT: 3.10 min Scan# 160
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion:101 Resp: 859571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.0 | 32.7 | 49.1 |
| 151 | 56.8 | 46.6 | 69.8 |

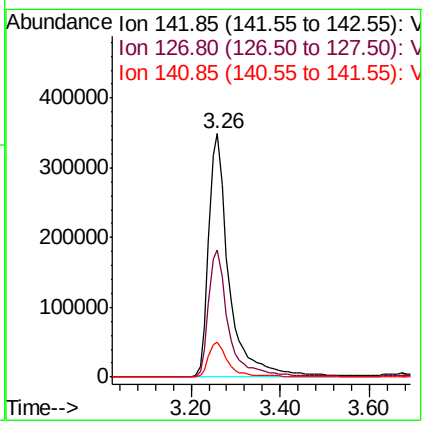


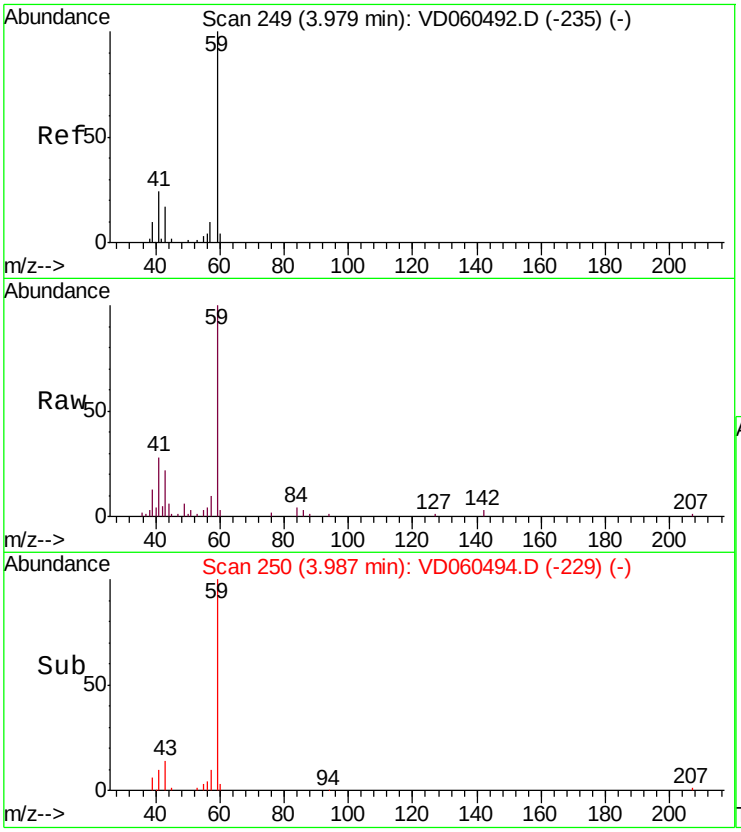




#10
Methyl Iodide
Concen: 89.310 ug/l
RT: 3.26 min Scan# 176
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion:142 Resp: 1108454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 52.3 | 41.2 | 61.8 |
| 141 | 14.3 | 11.9 | 17.9 |



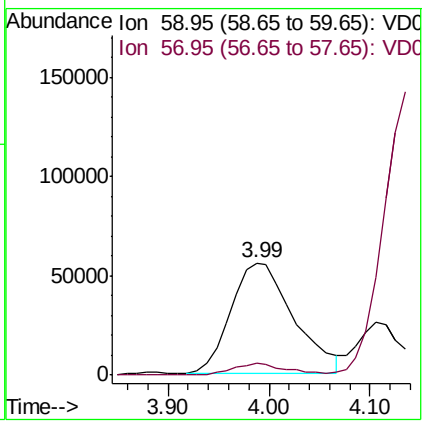


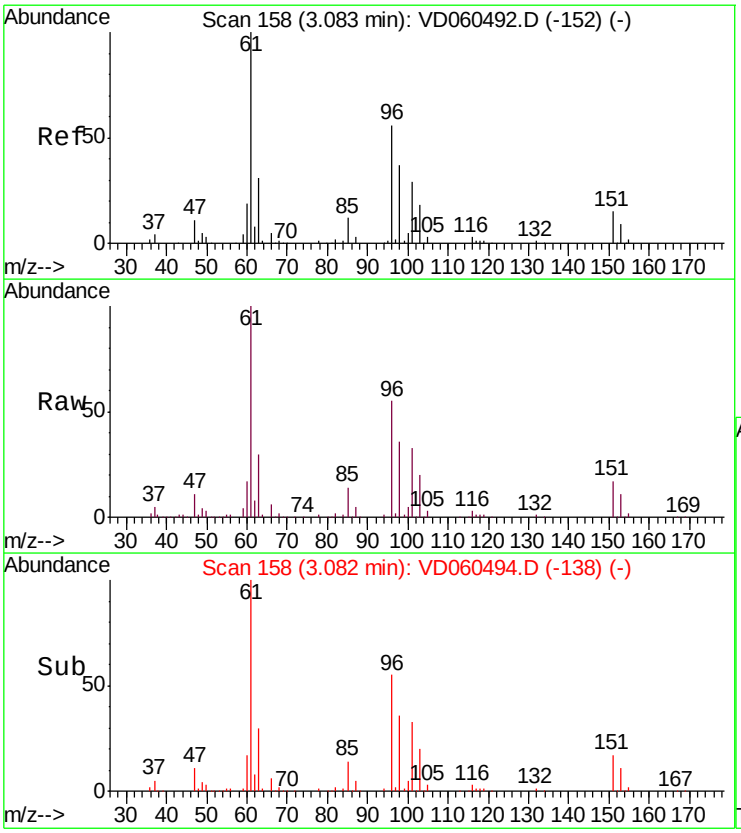

#11
Tert butyl alcohol
Concen: 505.851 ug/l
RT: 3.99 min Scan# 250
Delta R.T. 0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 59 Resp: 237833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.3 | 8.1 | 12.1 |

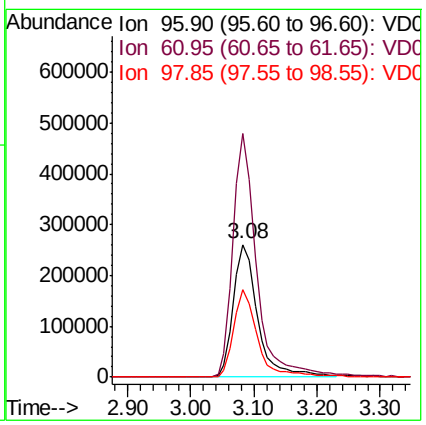


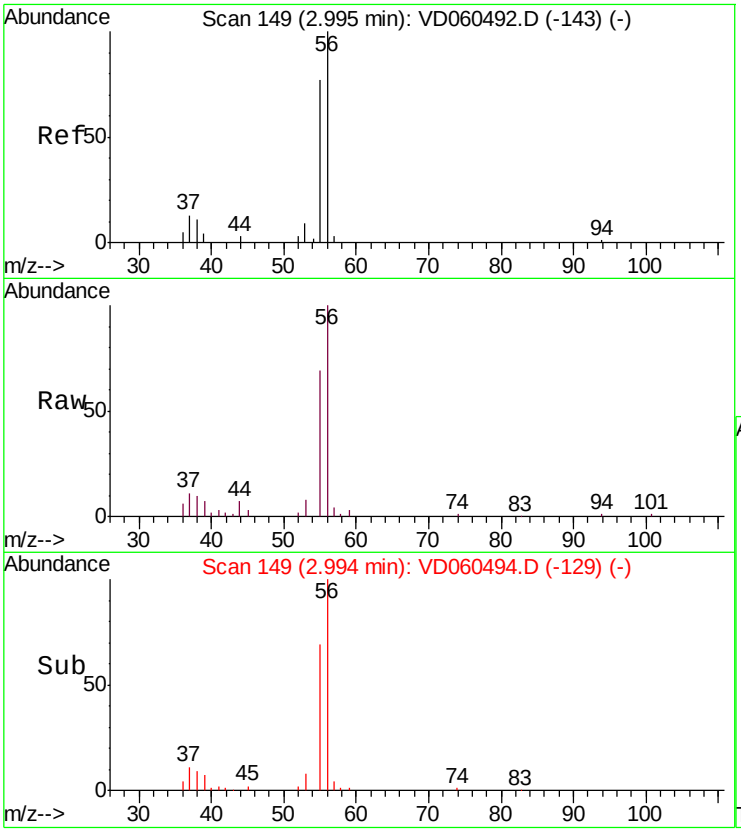




#12
1,1-Dichloroethene
Concen: 88.805 ug/l
RT: 3.08 min Scan# 158
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 96 Resp: 695272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 183.3 | 143.0 | 214.4 |
| 98 | 65.8 | 53.4 | 80.0 |



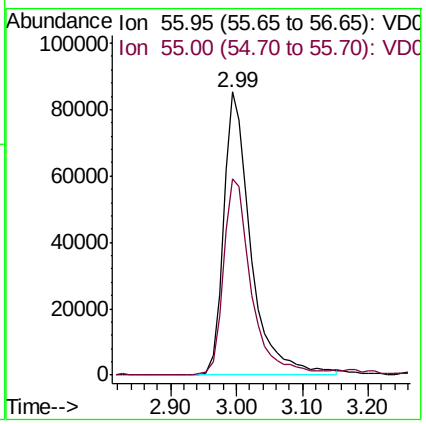


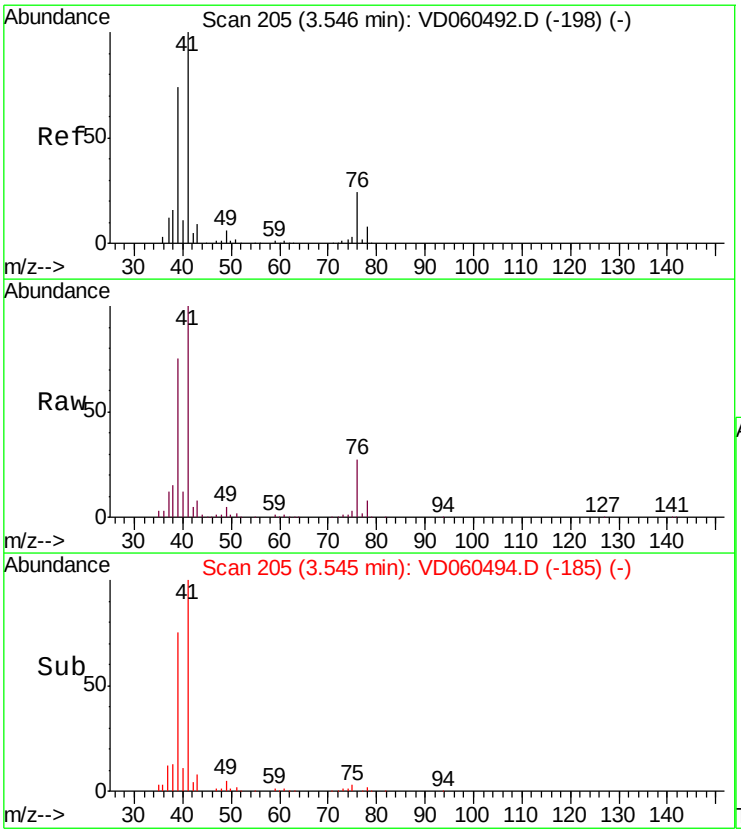

#13
Acrolein
Concen: 448.064 ug/l
RT: 2.99 min Scan# 149
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC100

Tgt Ion: 56 Resp: 246085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.4 | 62.0 | 93.0 |

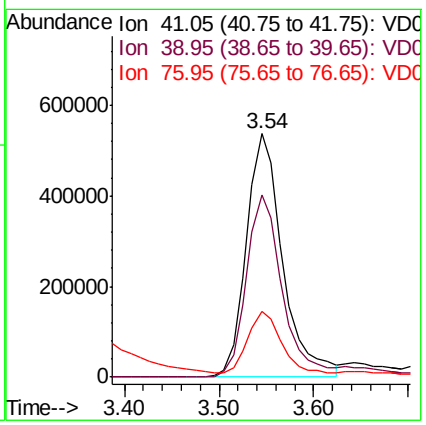


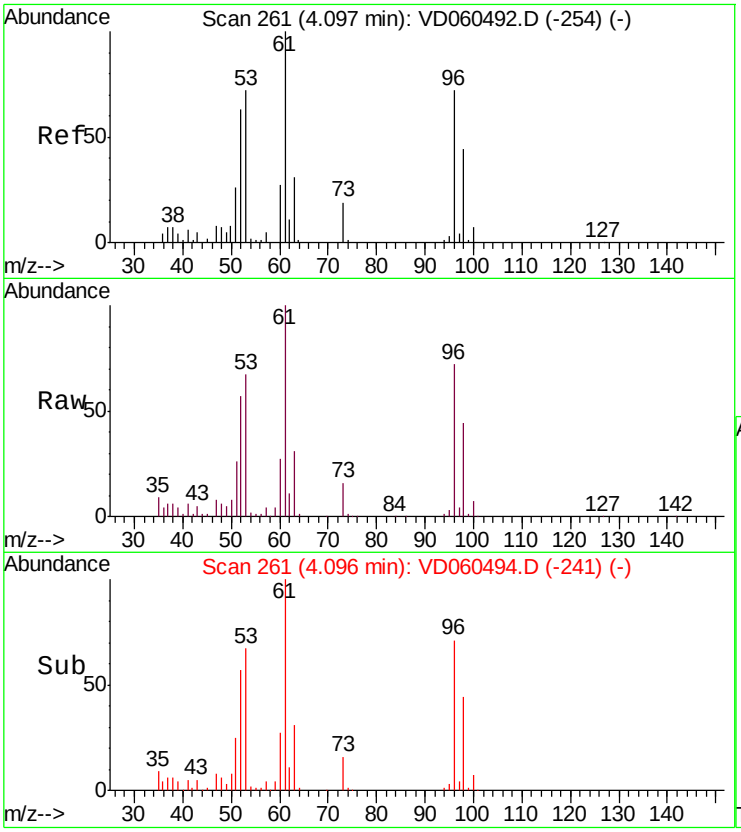




#14
Allyl chloride
Concen: 95.221 ug/l
RT: 3.54 min Scan# 205
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 41 Resp: 1431896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 74.9 | 59.3 | 88.9 |
| 76 | 26.8 | 21.0 | 31.6 |



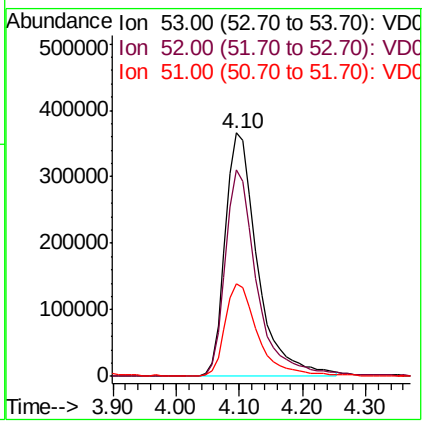


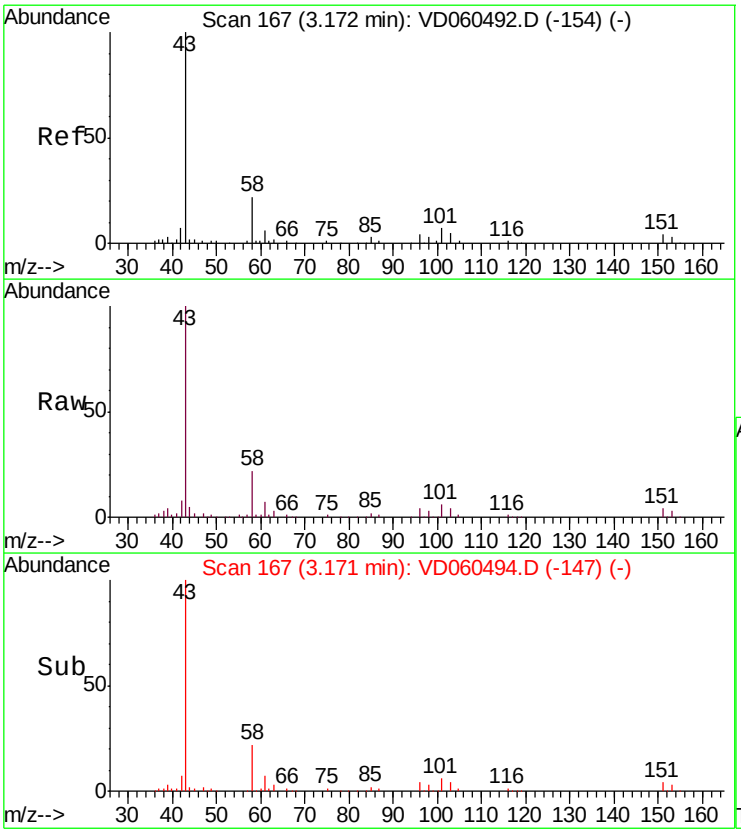

#15
Acrylonitrile
Concen: 474.796 ug/l
RT: 4.10 min Scan# 261
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 53 Resp: 1302651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 84.8 | 70.0 | 105.0 |
| 51 | 38.3 | 28.8 | 43.2 |

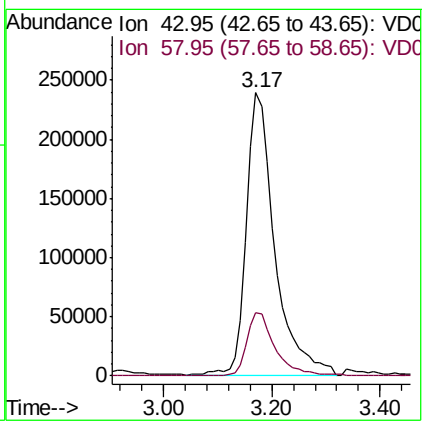


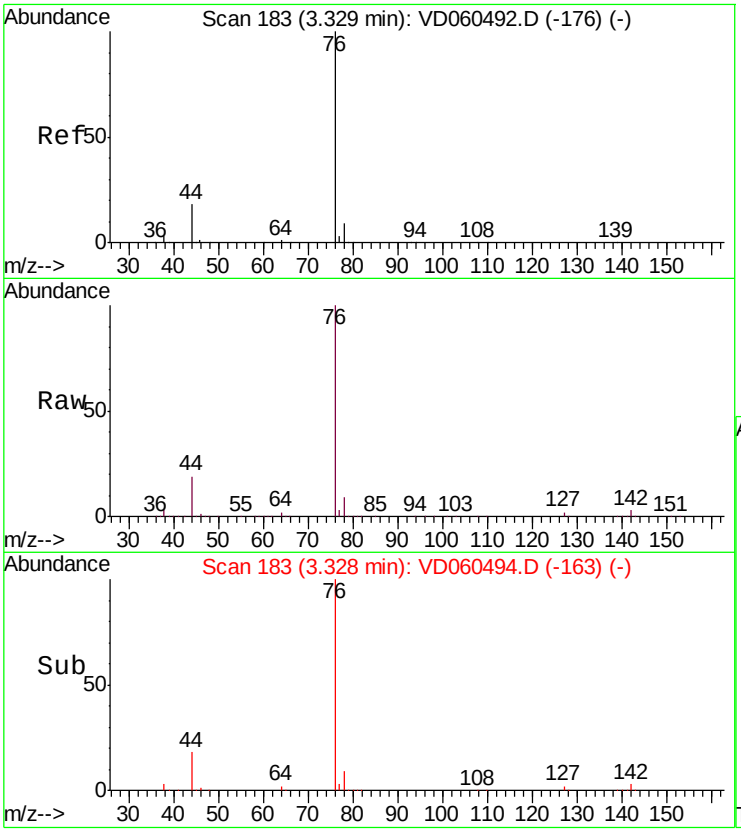




#16
Acetone
Concen: 441.766 ug/l
RT: 3.17 min Scan# 167
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 43 Resp: 877836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 22.3 | 17.3 | 25.9 |



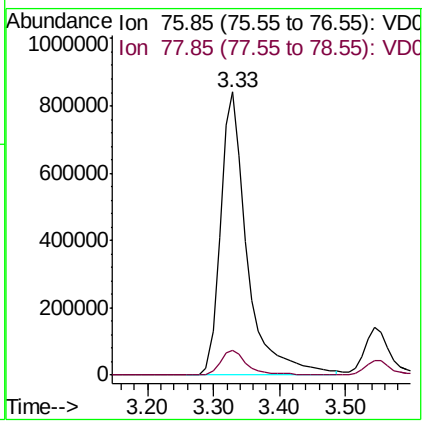


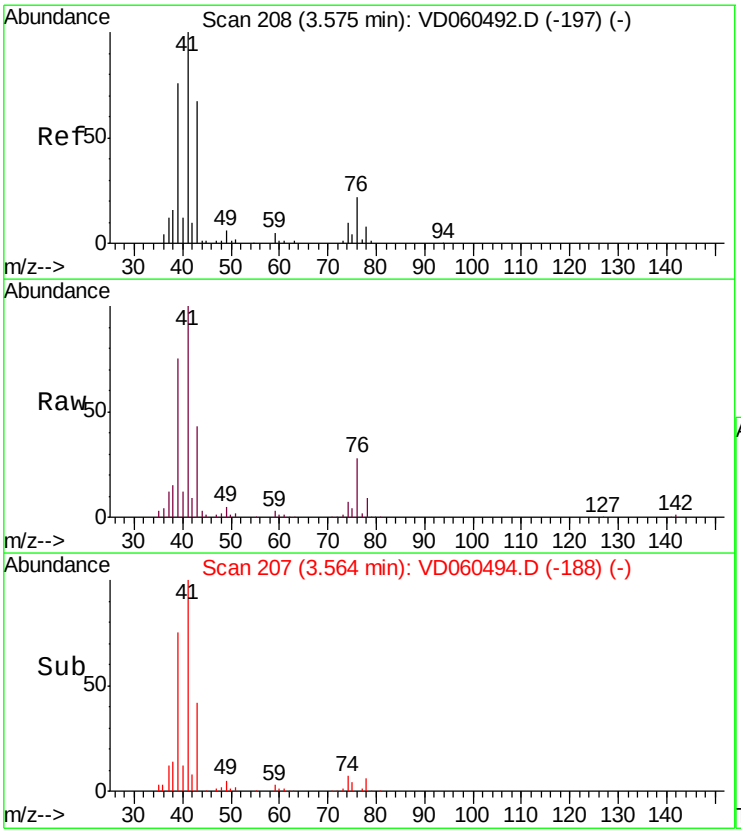

#17
Carbon Disulfide
Concen: 93.341 ug/l
RT: 3.33 min Scan# 183
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 76 Resp: 2373155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.0 | 7.0 | 10.6 |

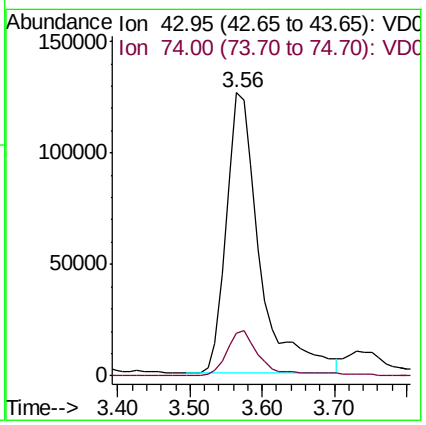


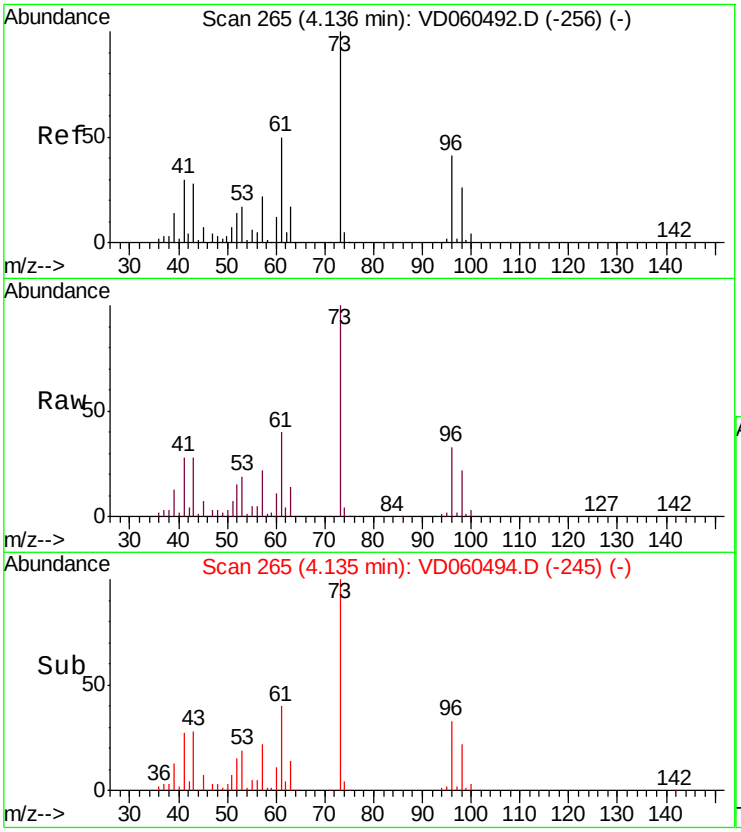




#18
Methyl Acetate
Concen: 94.899 ug/l
RT: 3.56 min Scan# 207
Delta R.T. -0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 43 Resp: 408470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 15.2 | 12.0 | 18.0 |



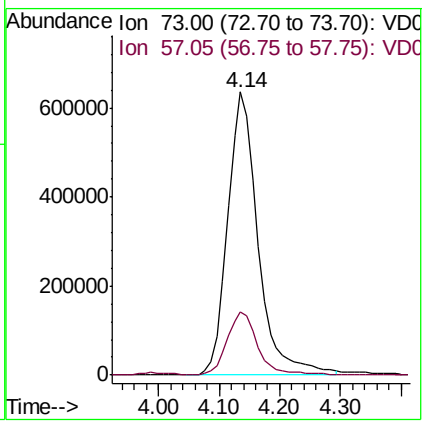


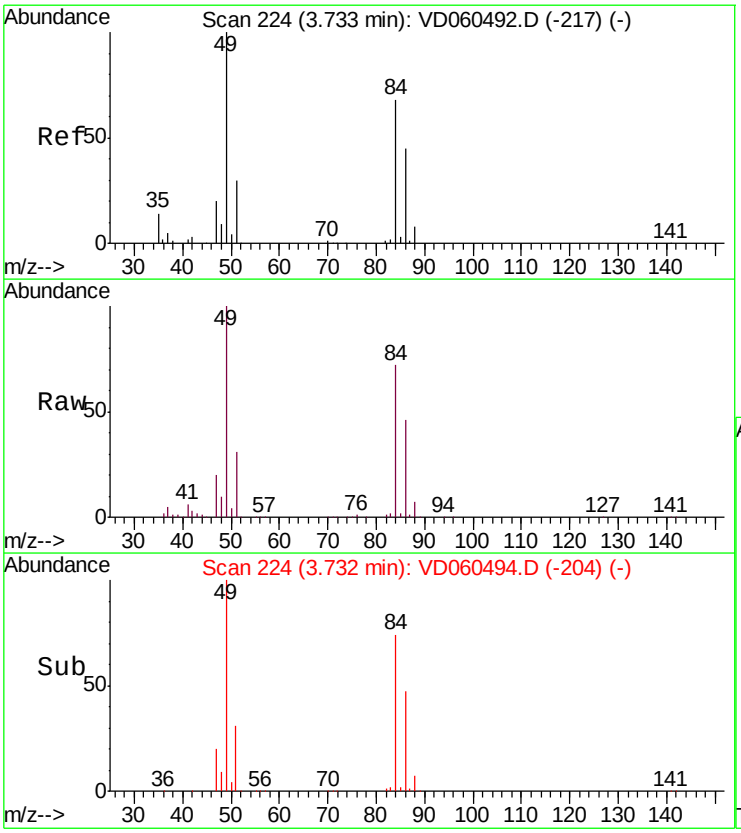

#19
Methyl tert-butyl Ether
Concen: 94.781 ug/l
RT: 4.14 min Scan# 265
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 73 Resp: 2214284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.4 | 17.8 | 26.6 |

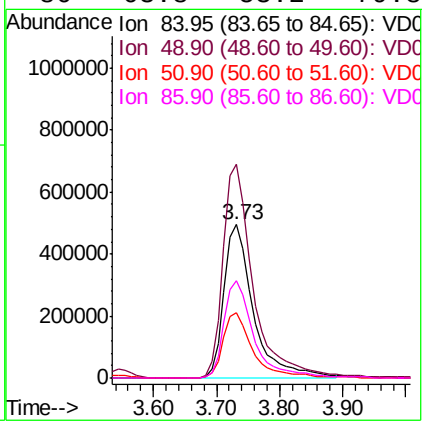


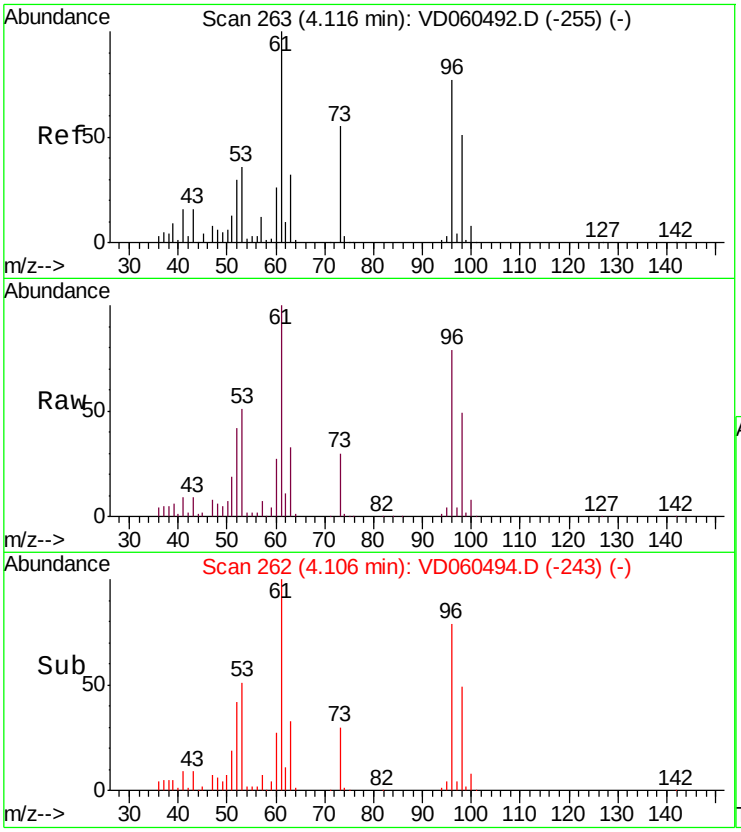




#20
Methylene Chloride
Concen: 89.984 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 84 Resp: 1606475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 139.2 | 117.2 | 175.8 |
| 51 | 42.7 | 35.3 | 52.9 |
| 86 | 63.8 | 53.2 | 79.8 |



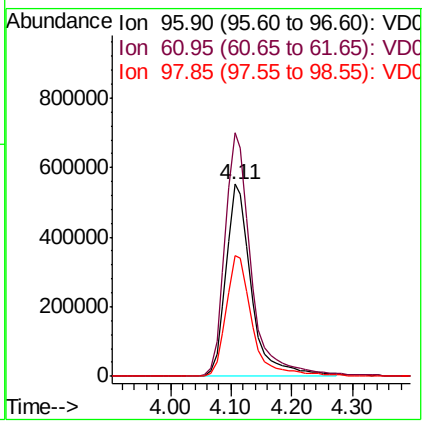


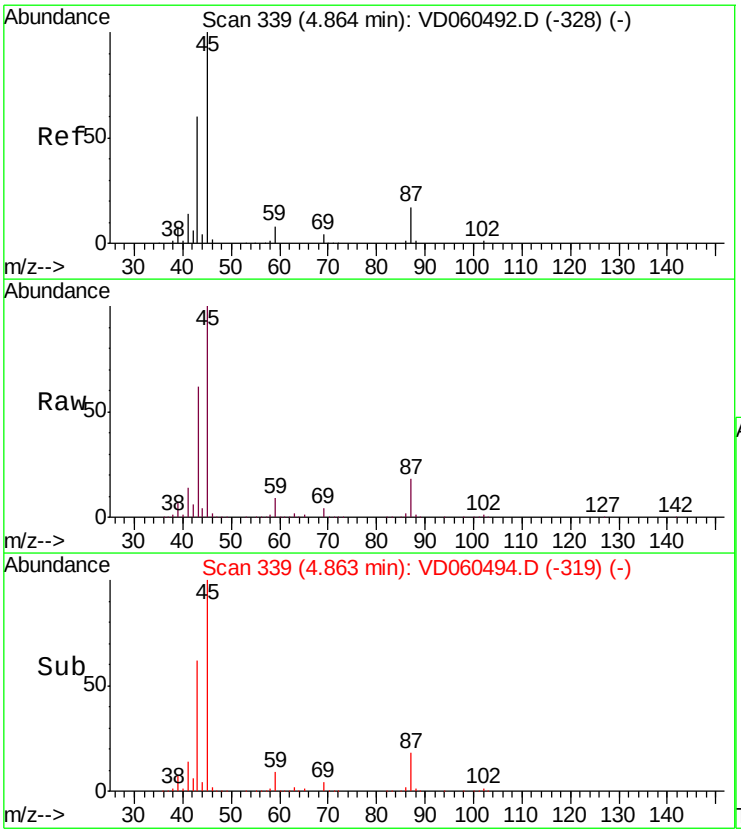

#21
trans-1,2-Dichloroethene
Concen: 92.873 ug/l
RT: 4.11 min Scan# 262
Delta R.T. -0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 96 Resp: 1622629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 126.9 | 104.2 | 156.4 |
| 98 | 62.6 | 52.8 | 79.2 |

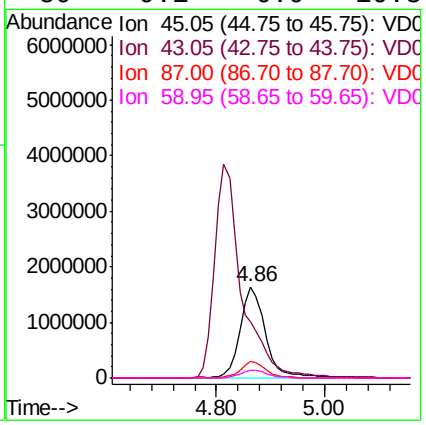


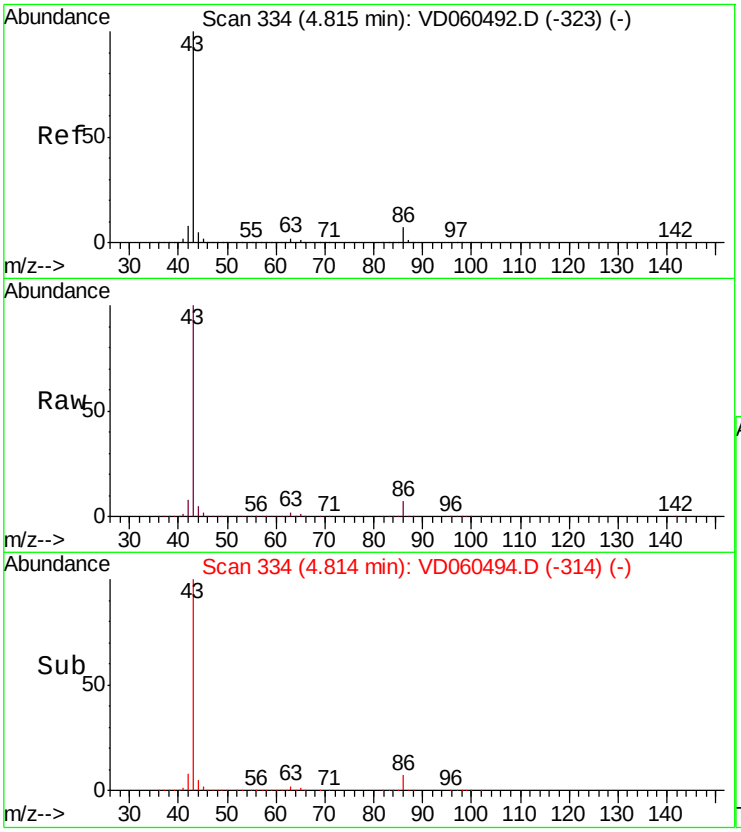




#22
Diisopropyl ether
Concen: 95.359 ug/l
RT: 4.86 min Scan# 339
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 45 Resp: 5331086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 61.9 | 48.6 | 73.0 |
| 87 | 17.8 | 14.0 | 21.0 |
| 59 | 9.1 | 6.9 | 10.3 |



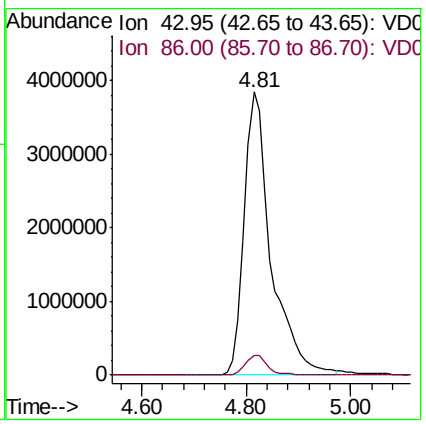


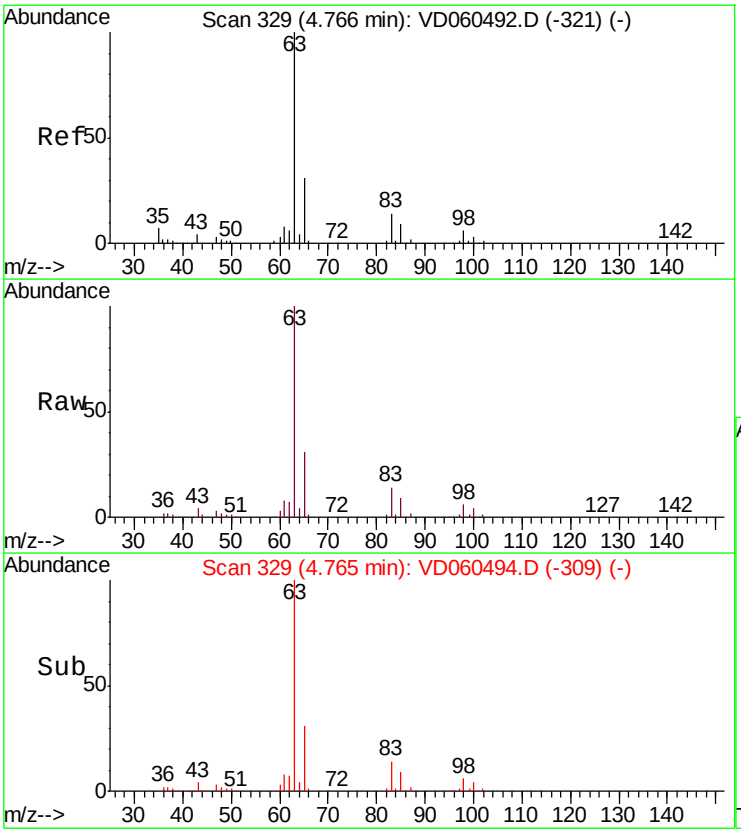

#23
Vinyl Acetate
Concen: 477.502 ug/l
RT: 4.81 min Scan# 334
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC100

Tgt Ion: 43 Resp:13331812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 7.0 | 5.5 | 8.3 |

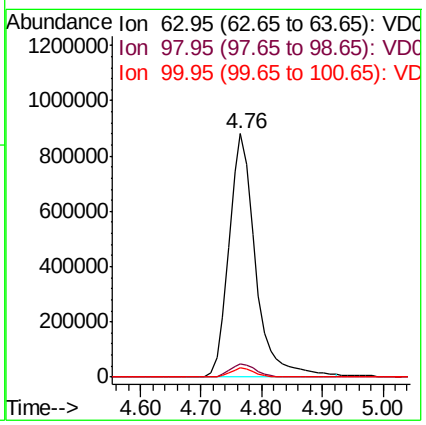


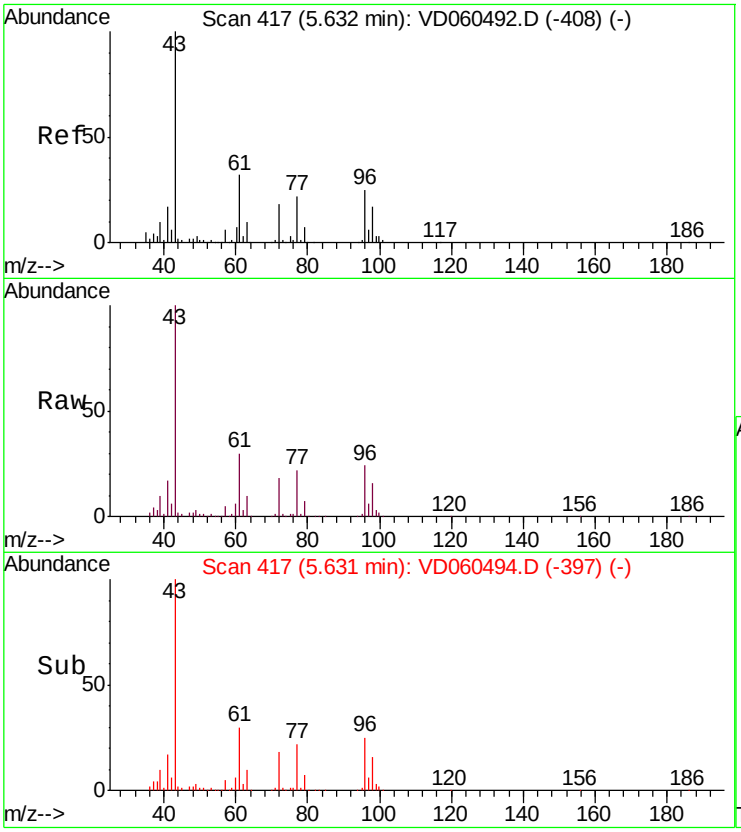




#24
1,1-Dichloroethane
Concen: 93.129 ug/l
RT: 4.76 min Scan# 329
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 63 Resp: 2679185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.7 | 2.8 | 8.3 |
| 100 | 3.7 | 1.7 | 5.1 |



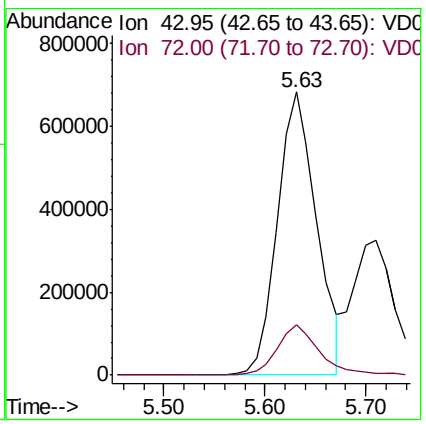


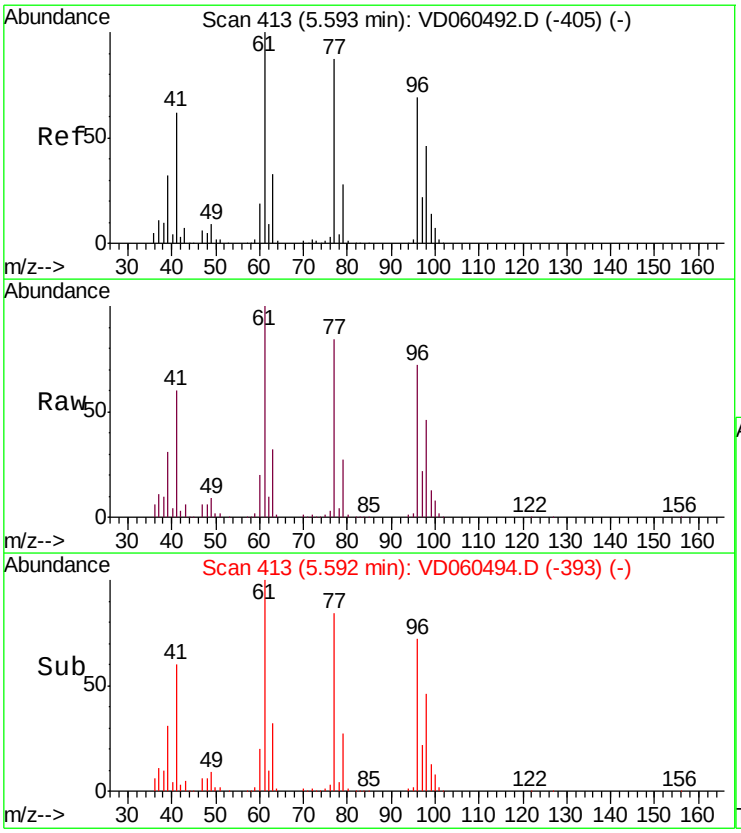

#25
2-Butanone
Concen: 448.961 ug/l
RT: 5.63 min Scan# 417
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 43 Resp: 1833898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 17.6 | 14.6 | 21.8 |

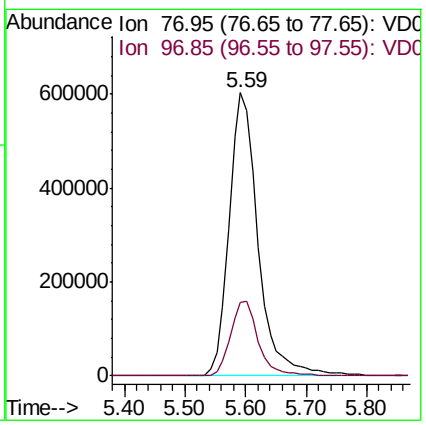


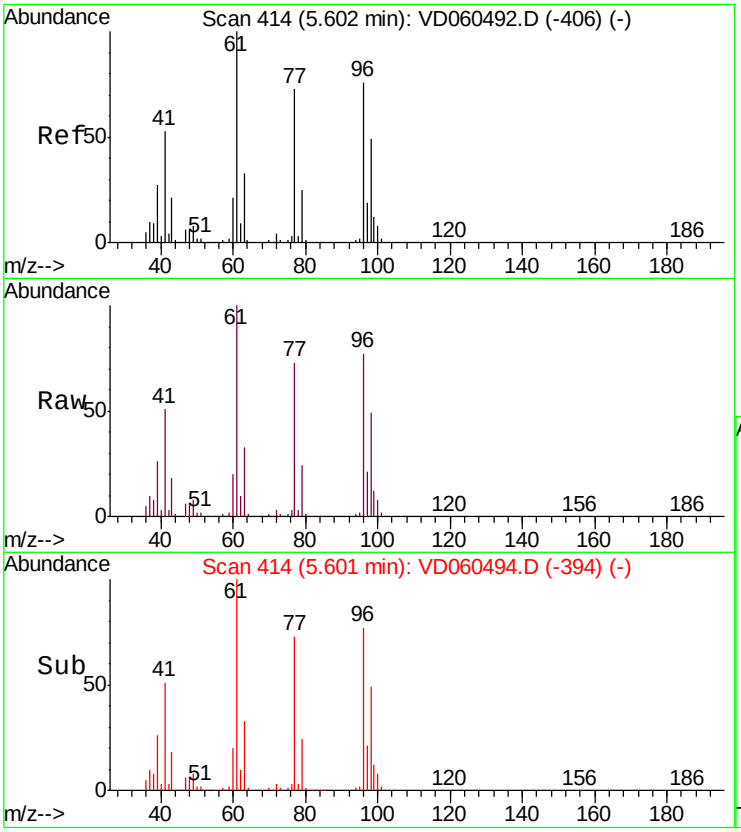




#26
2,2-Dichloropropane
Concen: 89.507 ug/l
RT: 5.59 min Scan# 413
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 77 Resp: 1992174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 26.0 | 12.7 | 38.0 |



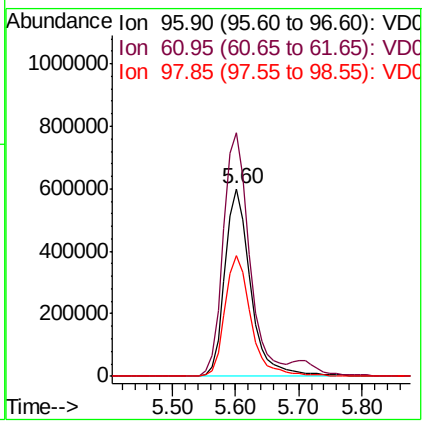


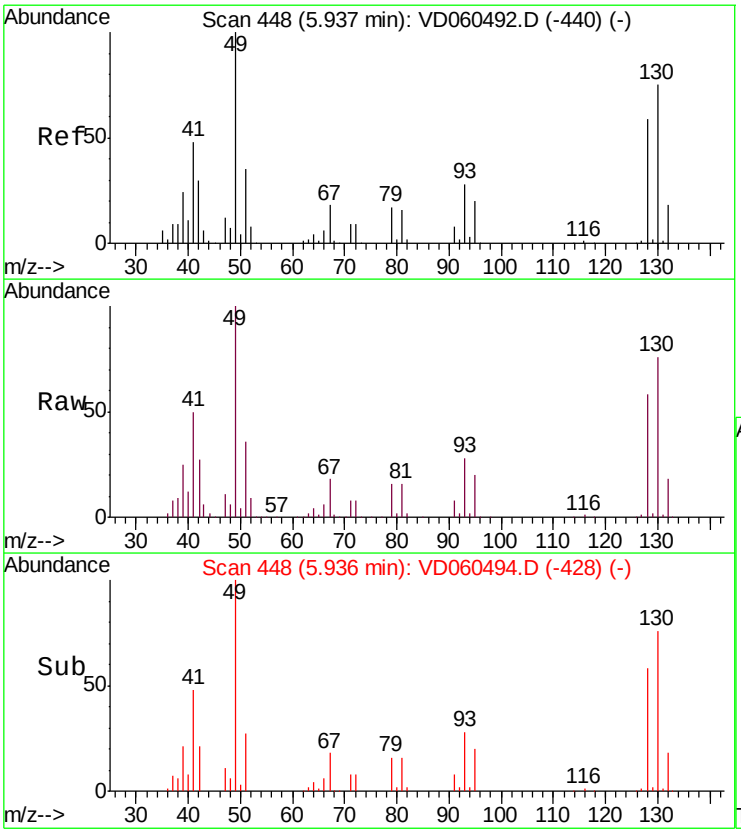

#27
cis-1,2-Dichloroethene
Concen: 93.510 ug/l
RT: 5.60 min Scan# 414
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 96 Resp: 1694521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 129.7 | 0.0 | 263.6 |
| 98 | 64.2 | 0.0 | 128.2 |

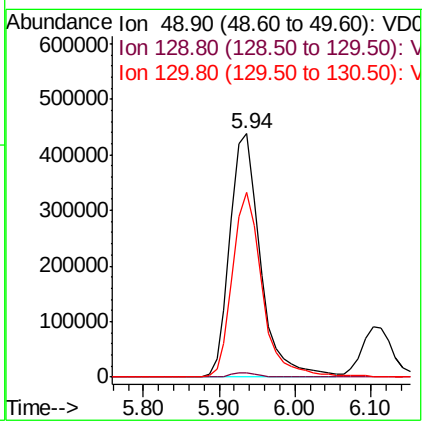


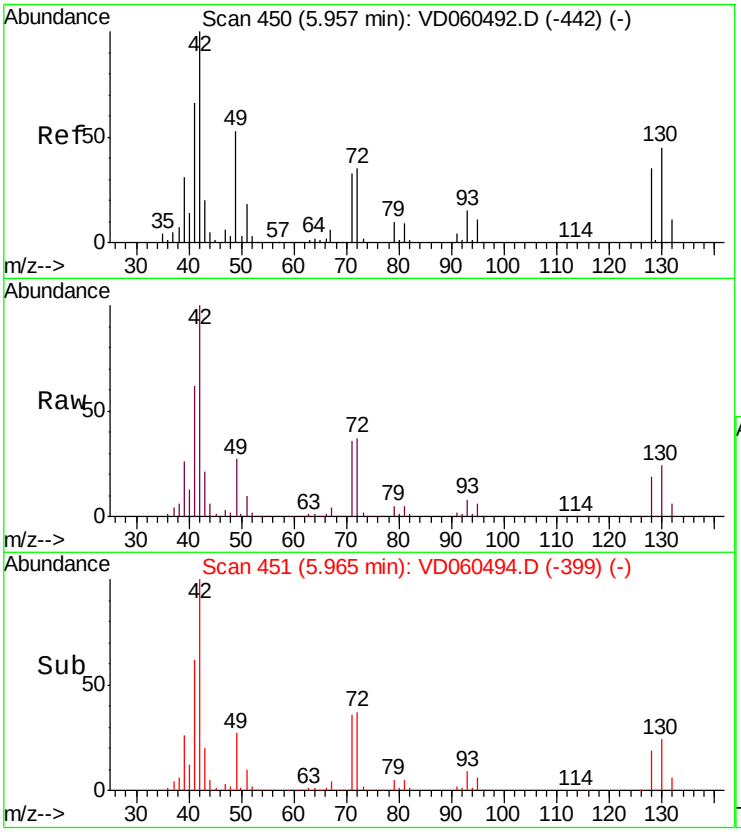




#28
Bromochloromethane
Concen: 96.430 ug/l
RT: 5.94 min Scan# 448
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 49 Resp: 1223943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.0 | 0.0 | 3.4 |
| 130 | 76.0 | 59.8 | 89.6 |



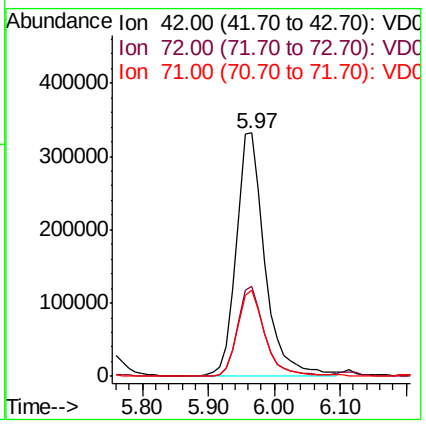


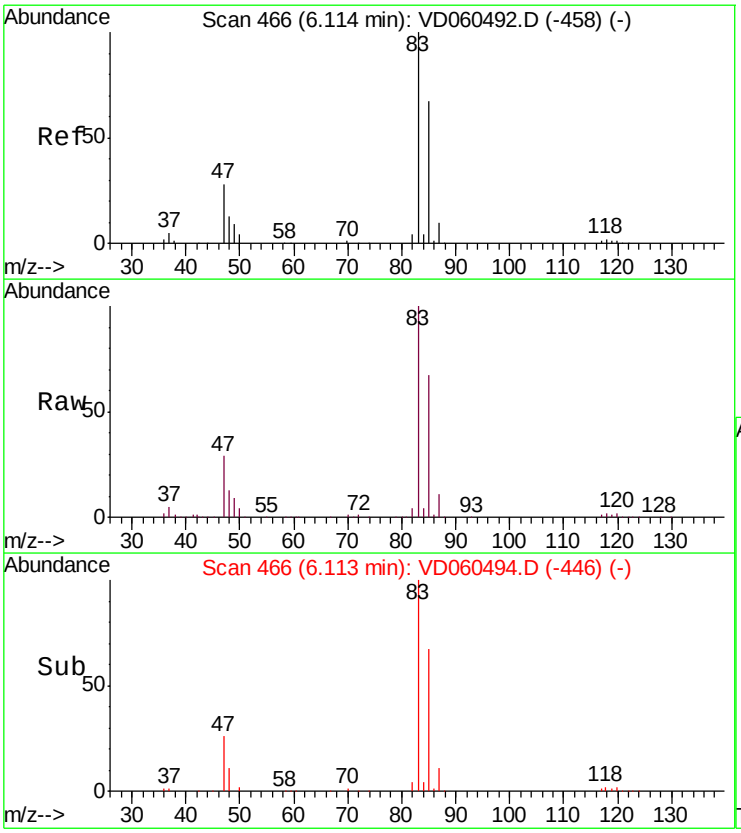

#29
Tetrahydrofuran
Concen: 462.945 ug/l
RT: 5.97 min Scan# 451
Delta R.T. 0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 42 Resp: 1008032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 35.5 | 28.0 | 42.0 |
| 71 | 34.9 | 27.2 | 40.8 |

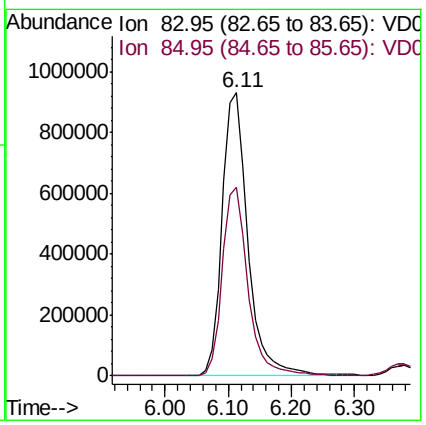


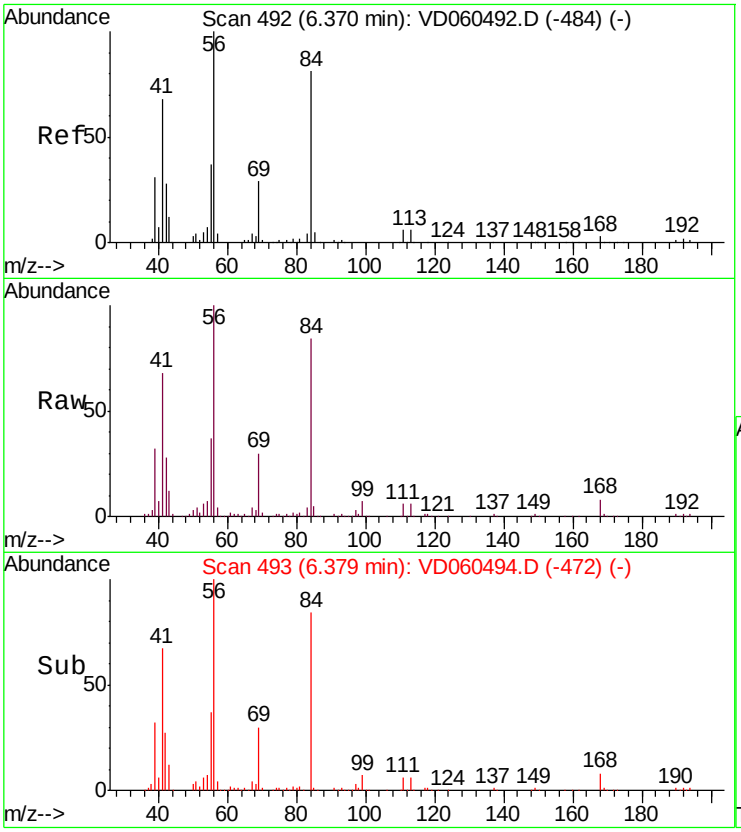




#30
Chloroform
Concen: 92.106 ug/l
RT: 6.11 min Scan# 466
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 83 Resp: 2649329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.8 | 53.4 | 80.2 |



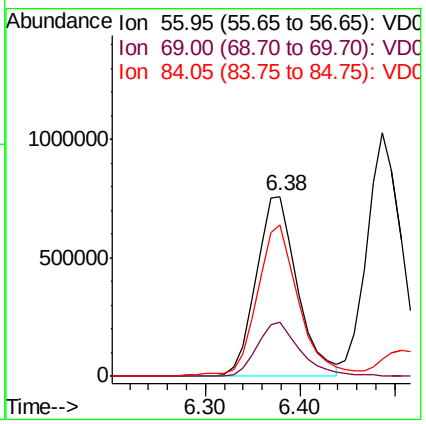


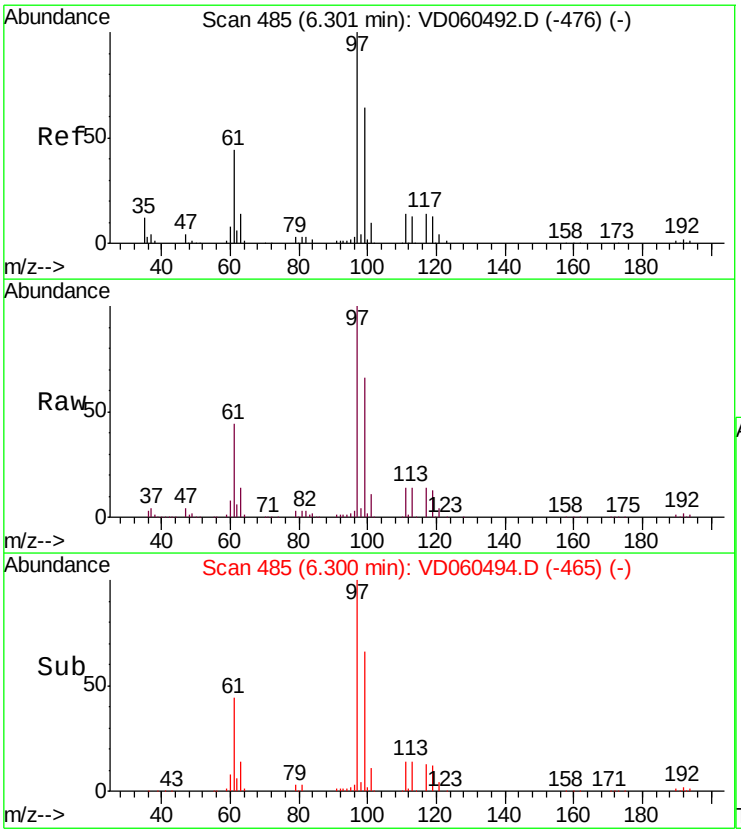

#31
Cyclohexane
Concen: 83.773 ug/l
RT: 6.38 min Scan# 493
Delta R.T. 0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC100

Tgt Ion: 56 Resp: 2294446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 29.9 | 22.8 | 34.2 |
| 84 | 84.5 | 65.1 | 97.7 |

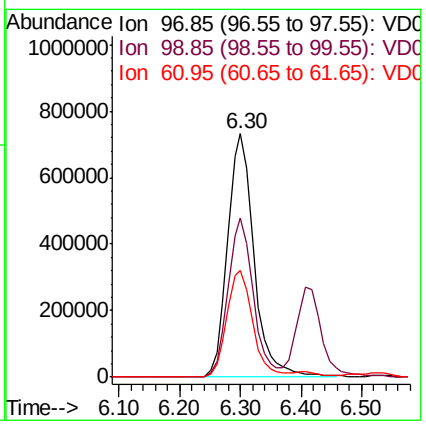


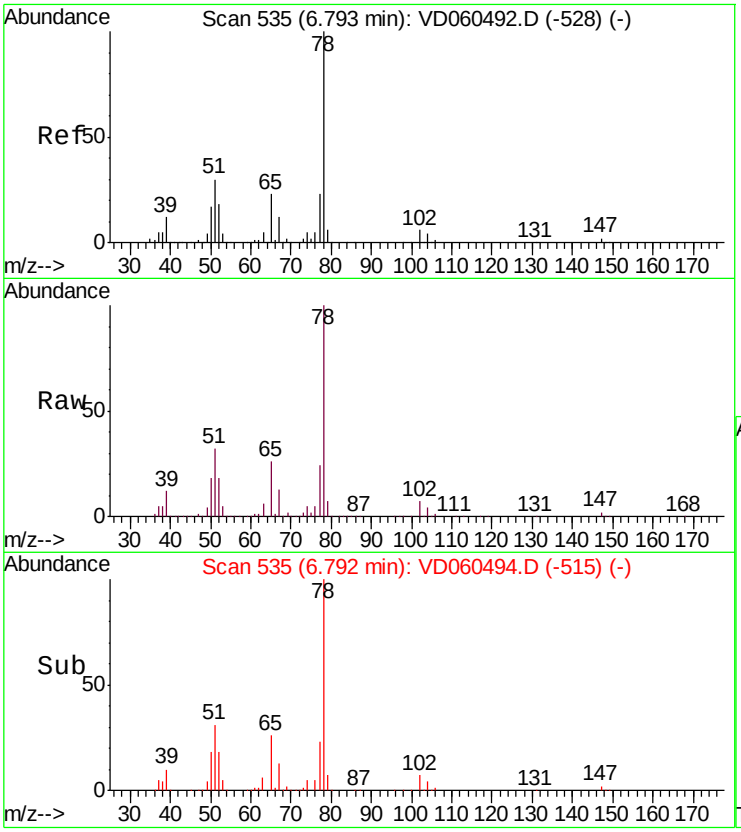




#32
1,1,1-Trichloroethane
Concen: 91.823 ug/l
RT: 6.30 min Scan# 485
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 97 Resp: 2218193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.5 | 51.0 | 76.4 |
| 61 | 43.9 | 35.3 | 52.9 |



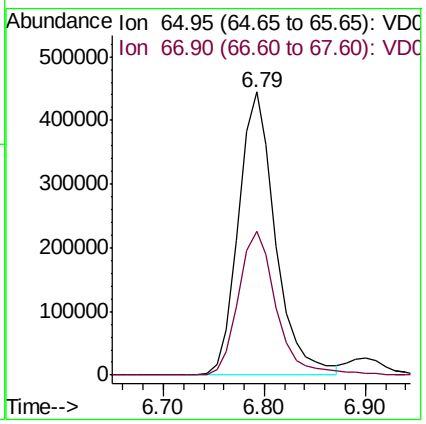


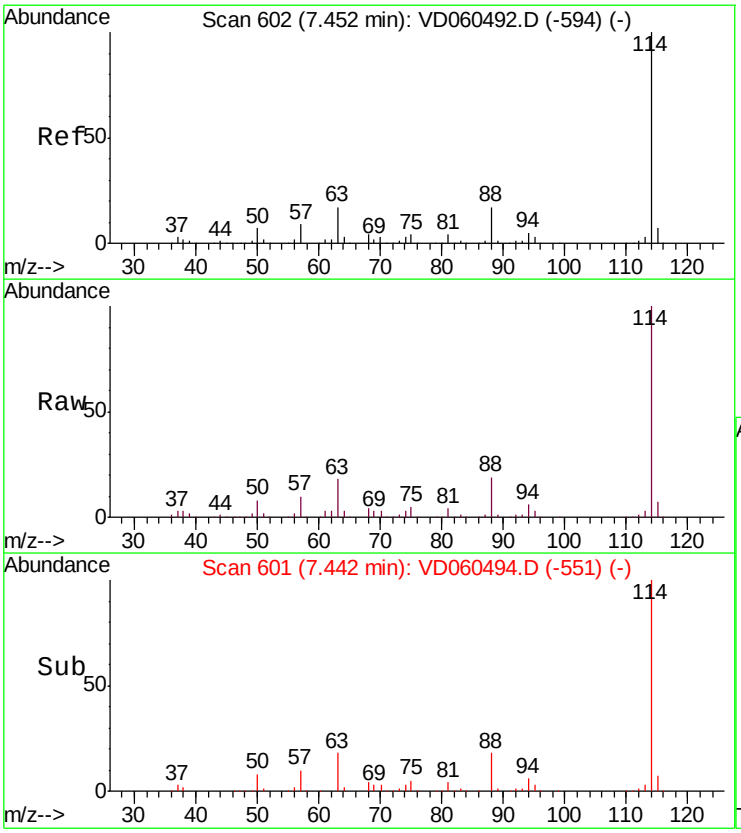

#33
1,2-Dichloroethane-d4
Concen: 91.823 ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 65 Resp: 1137009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.7 | 0.0 | 106.8 |

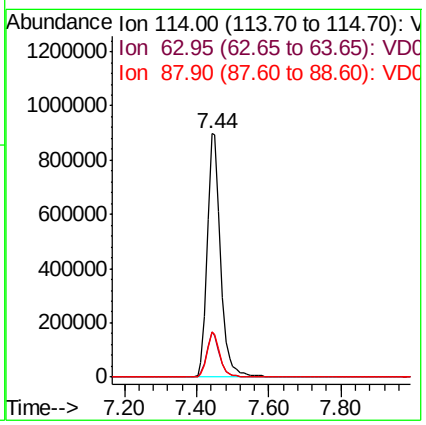


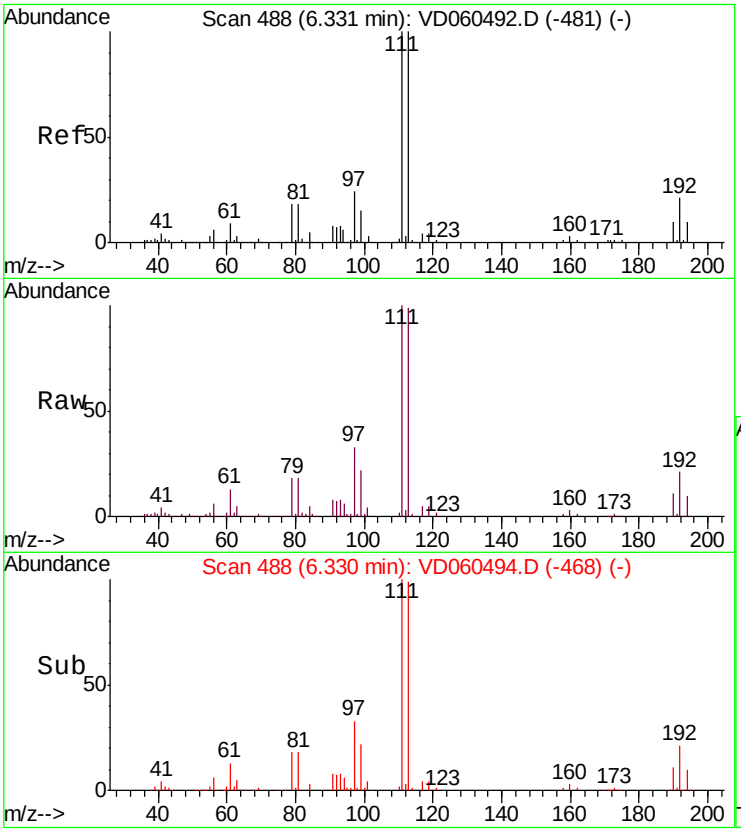




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.44 min Scan# 601
Delta R.T. -0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion:114 Resp: 2317977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.4 | 0.0 | 34.2 |
| 88 | 18.6 | 0.0 | 35.0 |



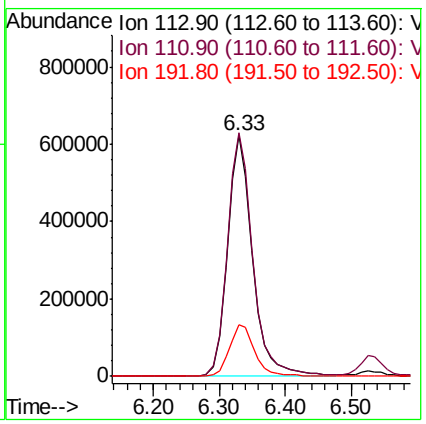


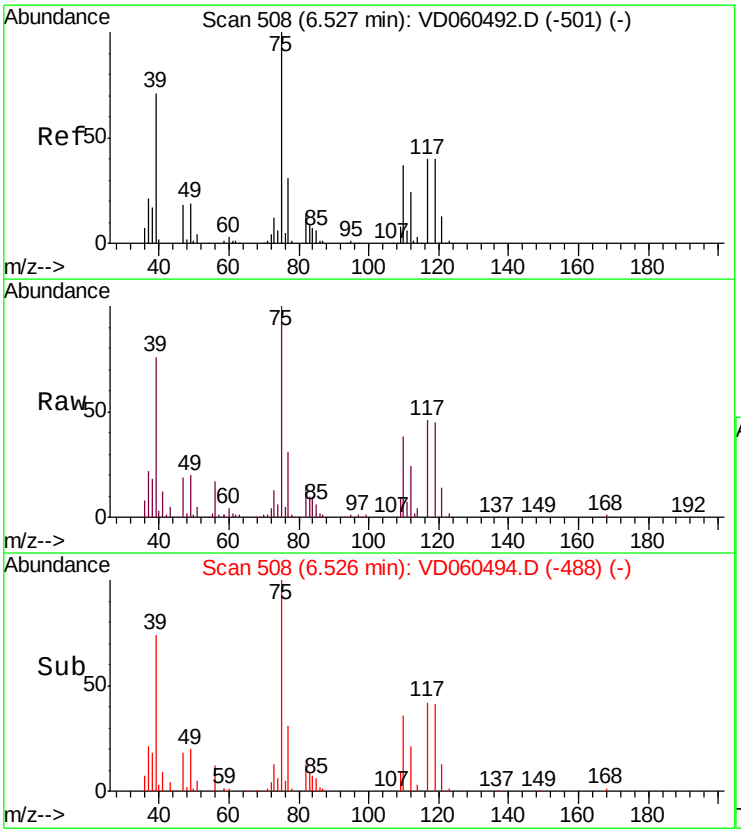

#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 488
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion:113 Resp: 1660406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.2 | 80.2 | 120.4 |
| 192 | 21.3 | 16.6 | 24.8 |

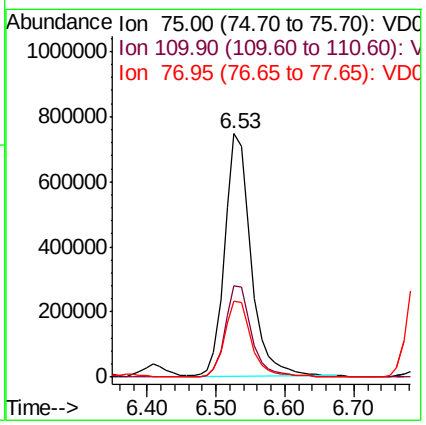


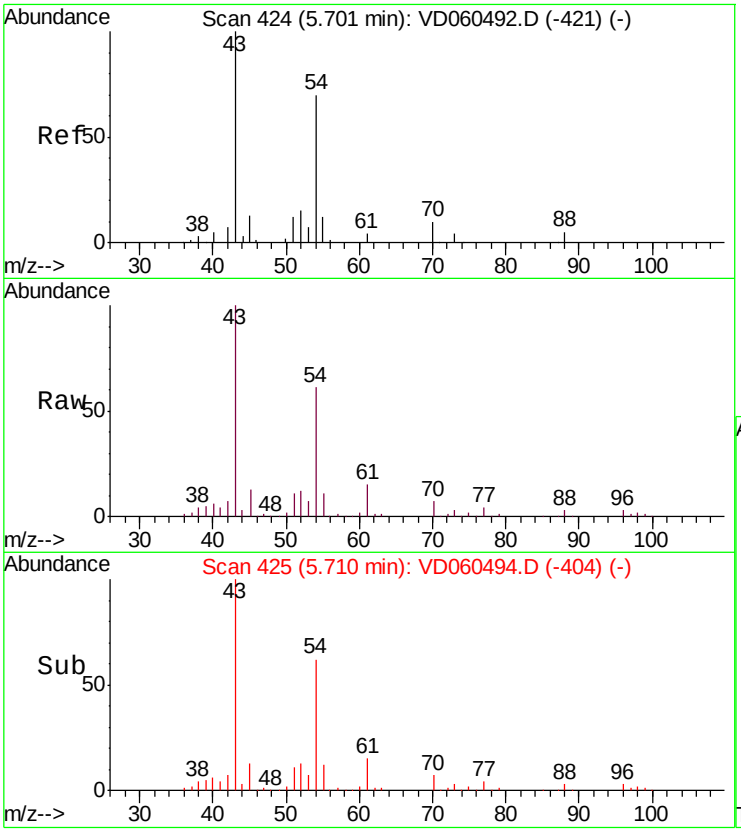




#36
1,1-Dichloropropene
Concen: 85.312 ug/l
RT: 6.53 min Scan# 508
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 75 Resp: 1954877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 37.6 | 18.3 | 54.8 |
| 77 | 31.2 | 24.6 | 37.0 |



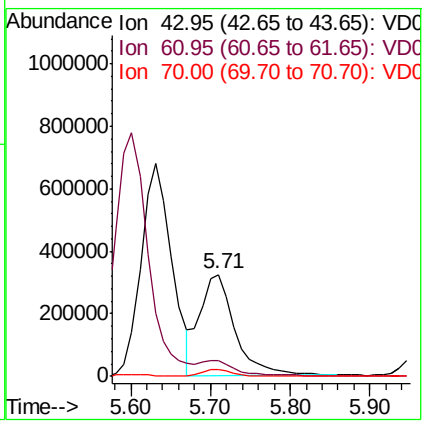


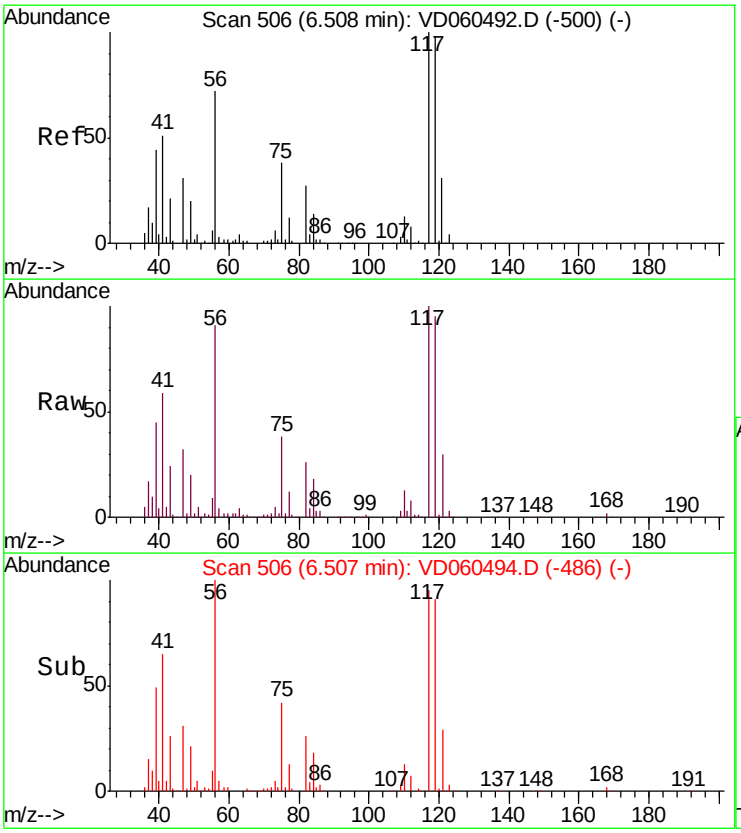

#37
Ethyl Acetate
Concen: 94.011 ug/l
RT: 5.71 min Scan# 425
Delta R.T. 0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 43 Resp: 986602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.0 | 12.4 | 18.6 |
| 70 | 7.3 | 5.4 | 8.0 |

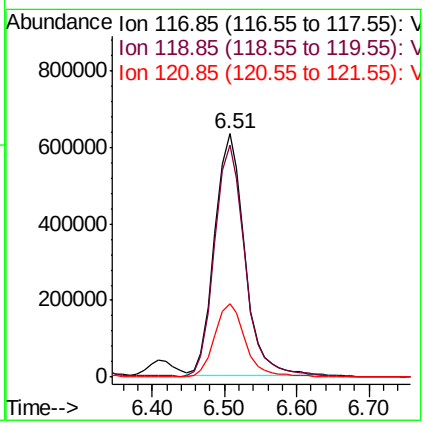


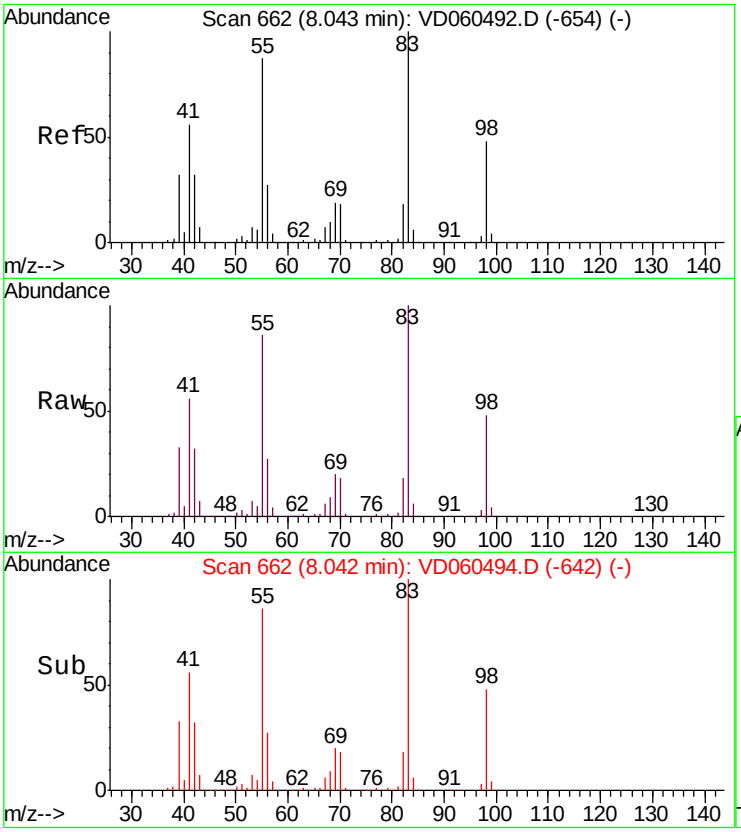




#38
Carbon Tetrachloride
Concen: 85.857 ug/l
RT: 6.51 min Scan# 506
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion:117 Resp: 1814884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.4 | 76.8 | 115.2 |
| 121 | 30.4 | 24.4 | 36.6 |



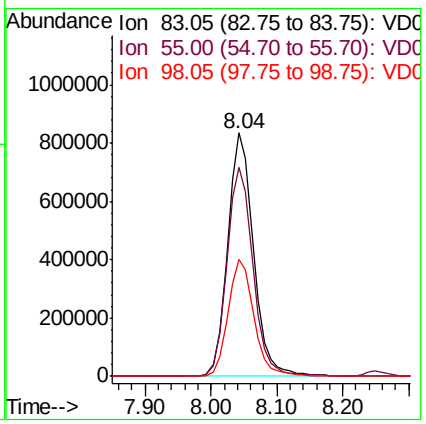


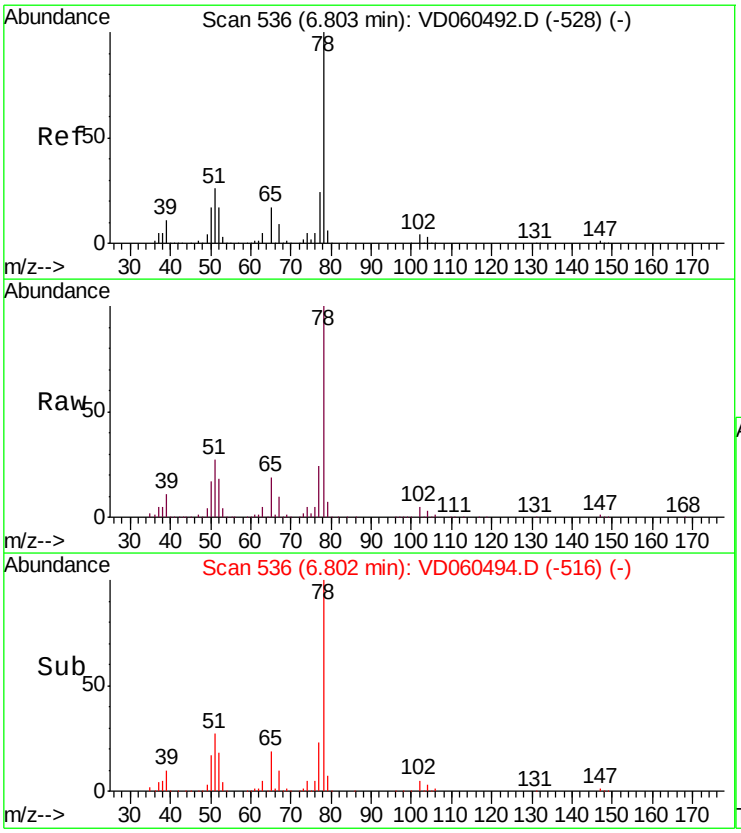

#39
Methylcyclohexane
Concen: 87.328 ug/l
RT: 8.04 min Scan# 662
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 83 Resp: 2295014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 86.1 | 69.8 | 104.8 |
| 98 | 48.0 | 38.4 | 57.6 |

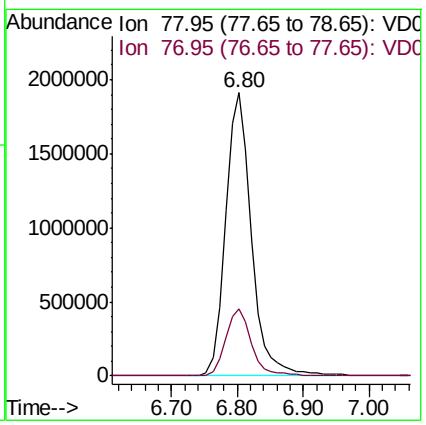


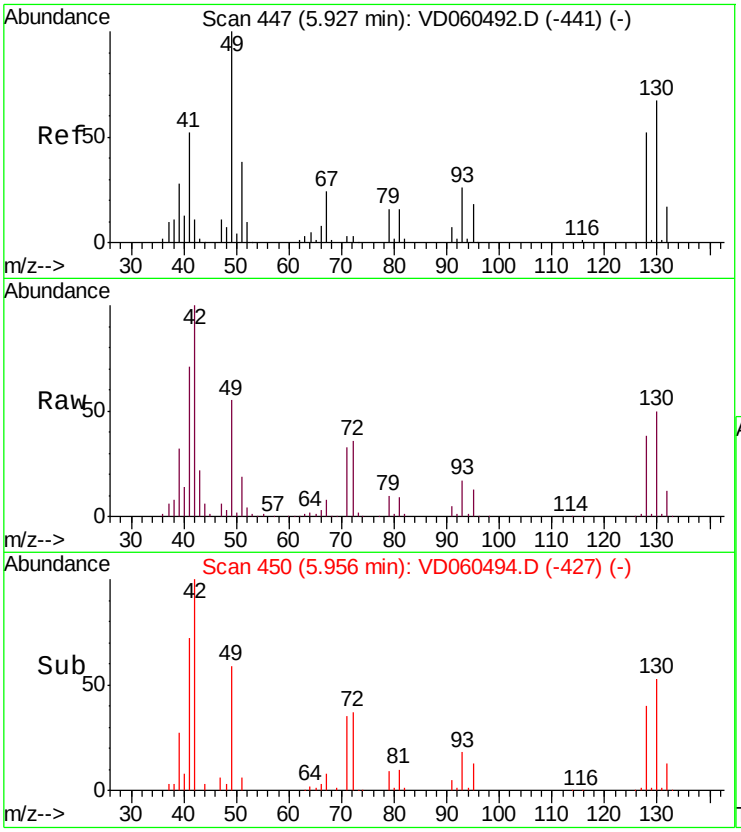




#40
Benzene
Concen: 89.750 ug/l
RT: 6.80 min Scan# 536
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 78 Resp: 5233204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.5 | 18.9 | 28.3 |



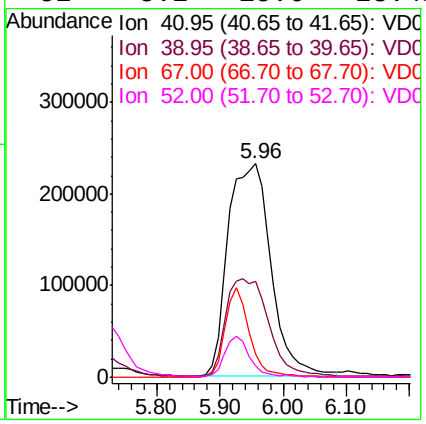


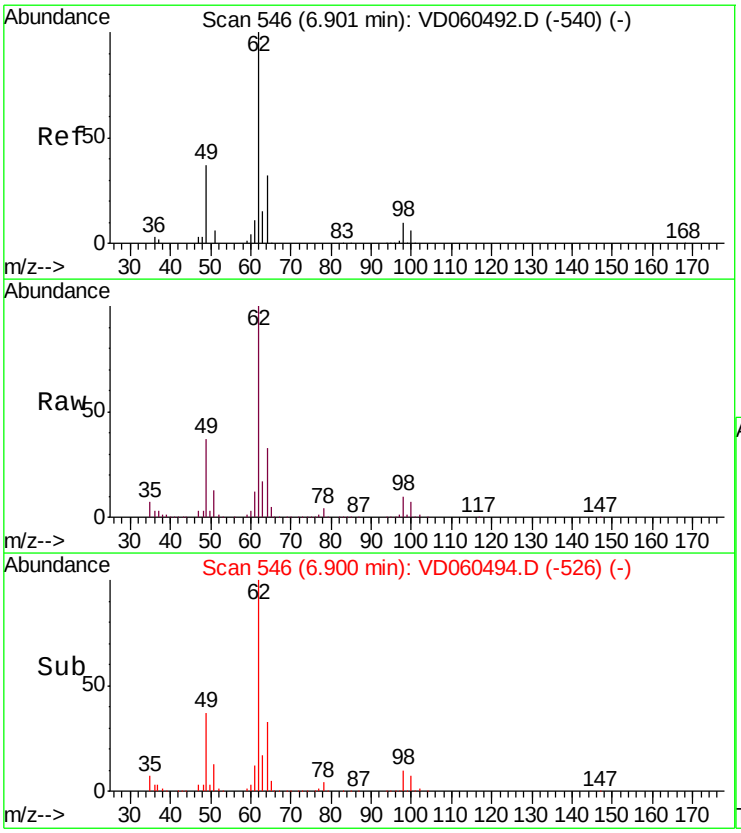

#41
Methacrylonitrile
Concen: 101.340 ug/l
RT: 5.96 min Scan# 450
Delta R.T. 0.03 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 41 Resp: 1099348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 44.7 | 42.6 | 63.8 |
| 67 | 10.8 | 36.2 | 54.4# |
| 52 | 5.2 | 15.6 | 23.4# |

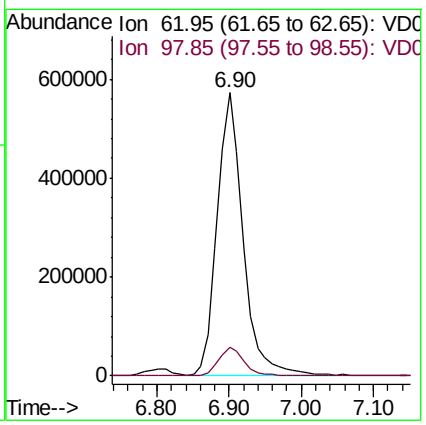


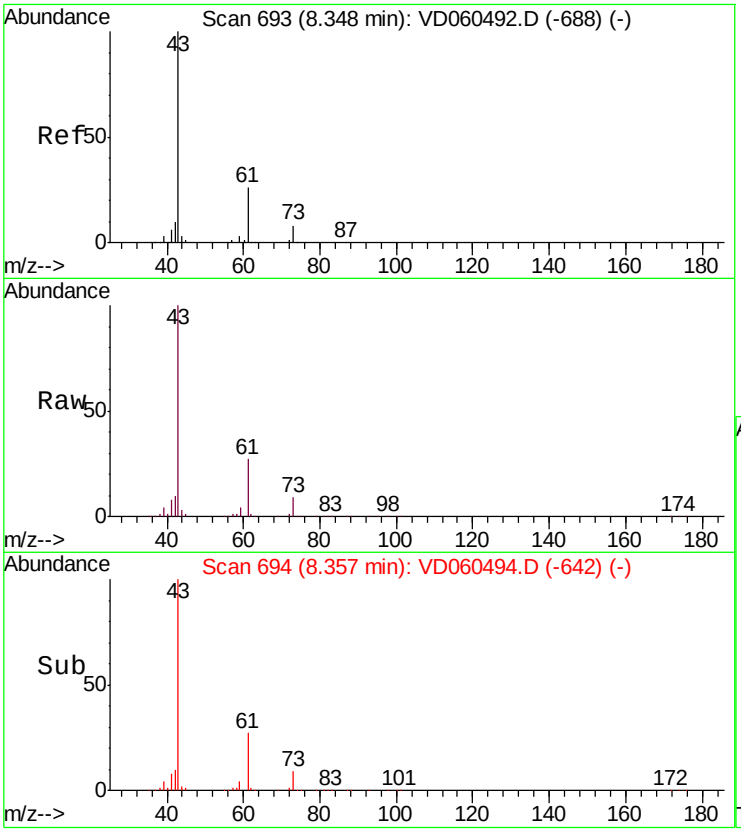




#42
1,2-Dichloroethane
Concen: 92.831 ug/l
RT: 6.90 min Scan# 546
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 62 Resp: 1408430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.2 | 0.0 | 20.2 |



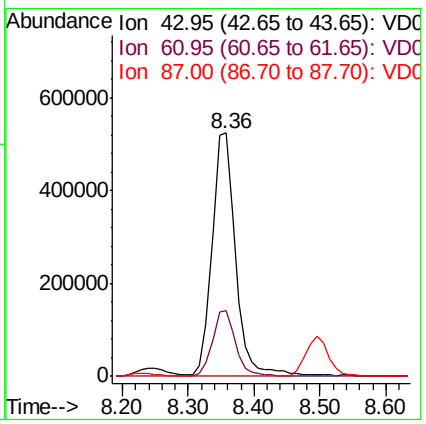


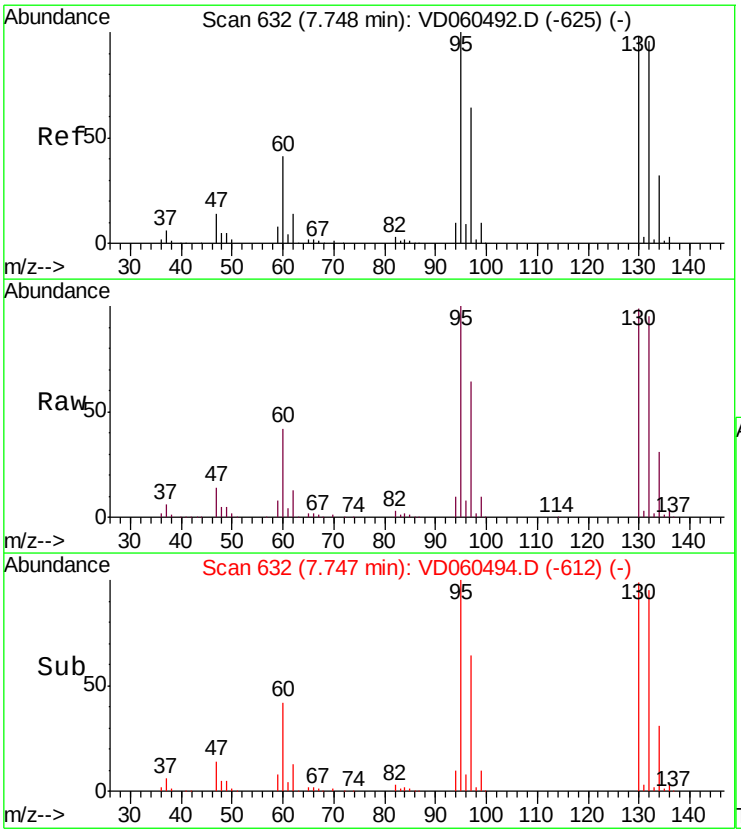

#43
Isopropyl Acetate
Concen: 97.846 ug/l
RT: 8.36 min Scan# 694
Delta R.T. 0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 43 Resp: 1278963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 27.2 | 21.0 | 31.4 |
| 87 | 0.3 | 0.2 | 0.2# |

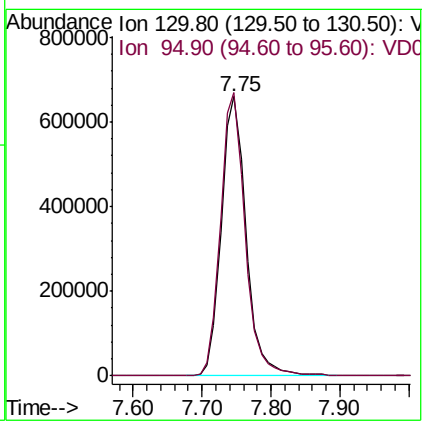


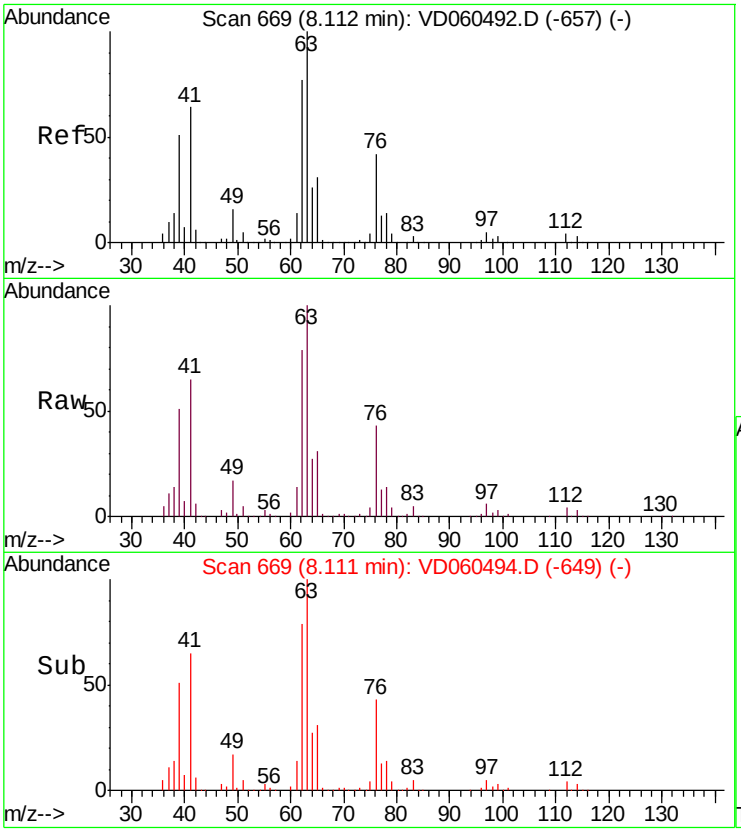




#44
Trichloroethene
Concen: 93.215 ug/l
RT: 7.75 min Scan# 632
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion:130 Resp: 1648896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 101.4 | 0.0 | 203.8 |



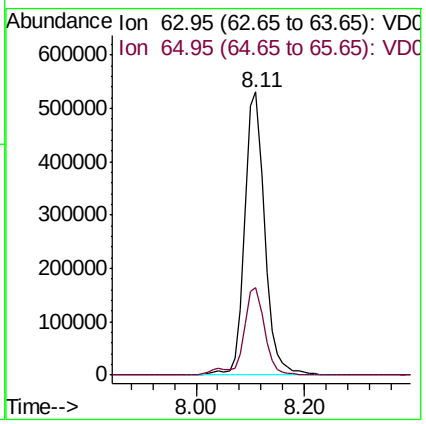


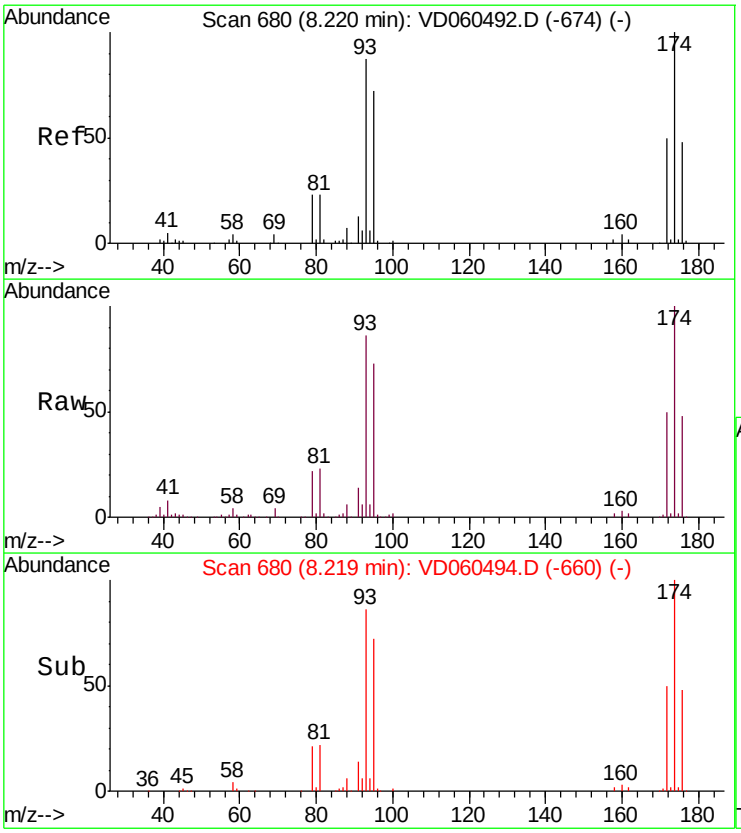

#45
1,2-Dichloropropane
Concen: 92.537 ug/l
RT: 8.11 min Scan# 669
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 63 Resp: 1357547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.1 | 24.6 | 37.0 |

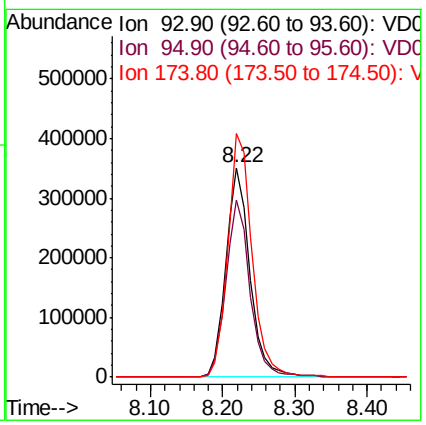


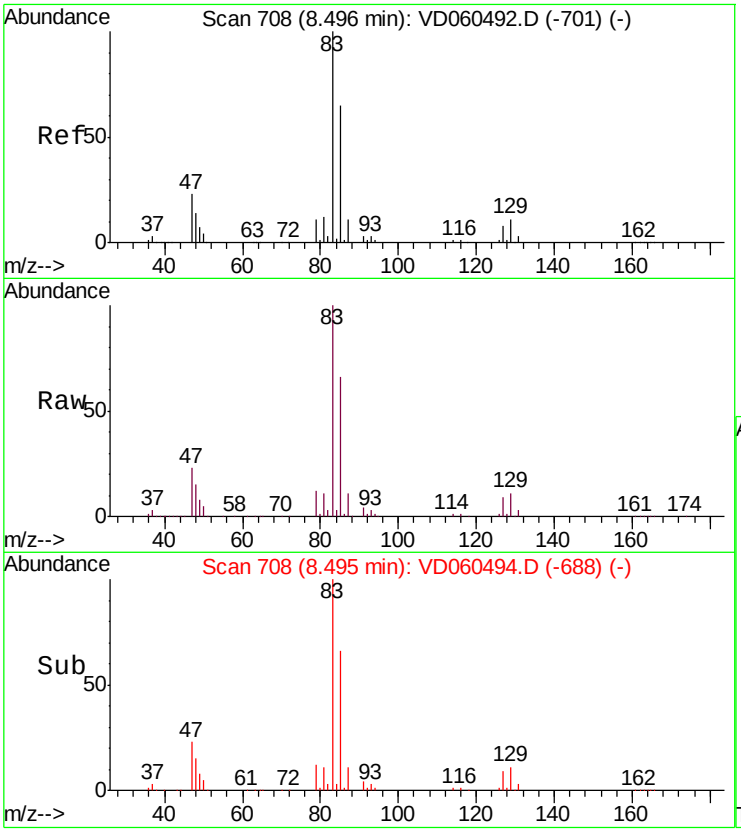




#46
Dibromomethane
Concen: 94.575 ug/l
RT: 8.22 min Scan# 680
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 93 Resp: 814140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.5 | 65.6 | 98.4 |
| 174 | 116.2 | 91.7 | 137.5 |



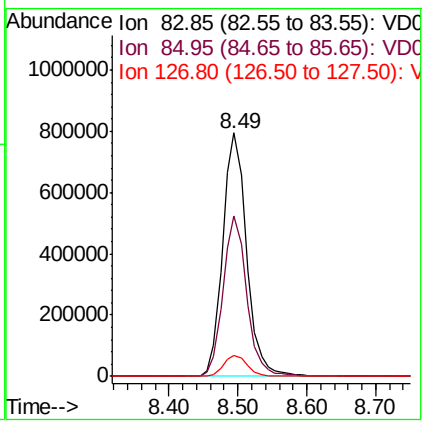


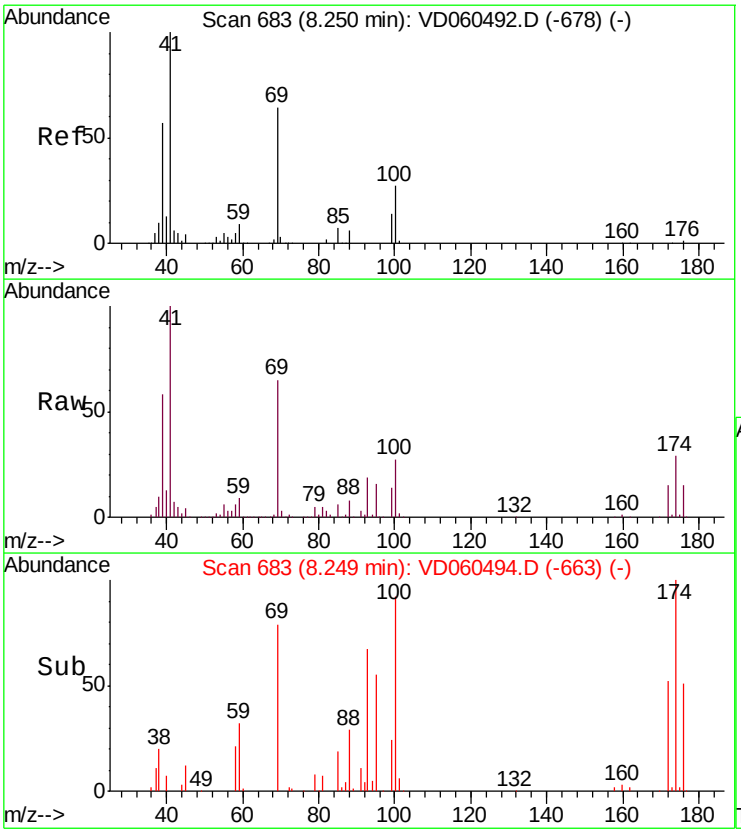

#47
Bromodichloromethane
Concen: 94.189 ug/l
RT: 8.49 min Scan# 708
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 83 Resp: 1902750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.8 | 52.2 | 78.4 |
| 127 | 8.5 | 6.7 | 10.1 |

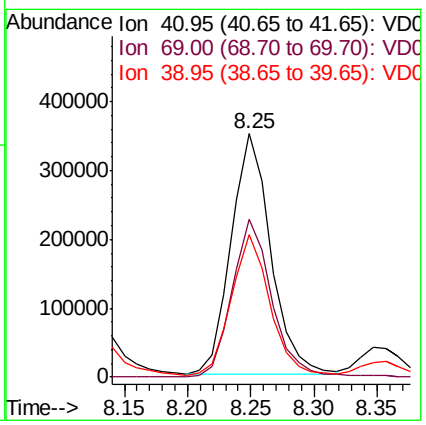


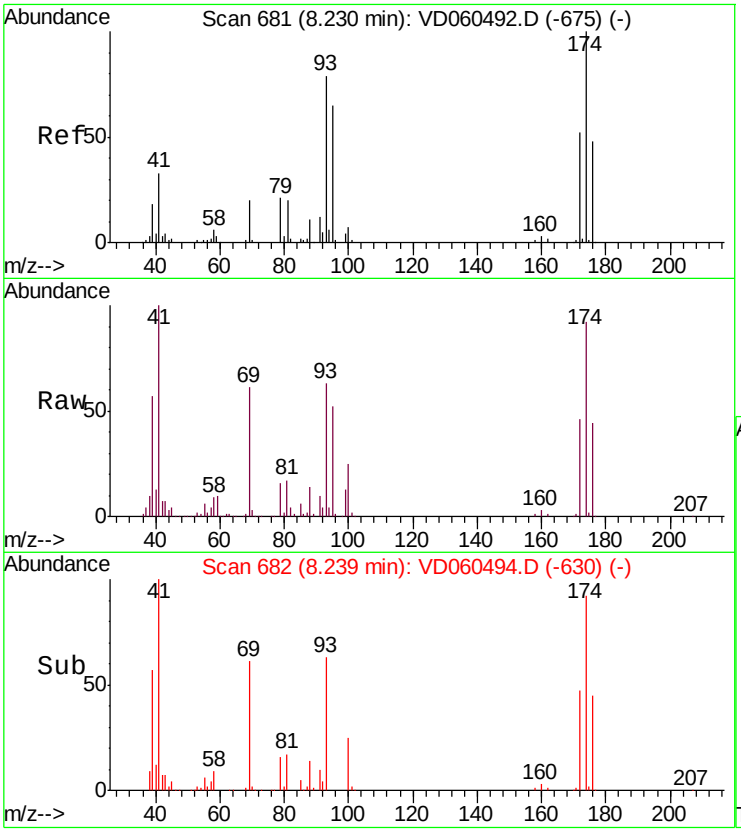




#48
Methyl methacrylate
Concen: 94.852 ug/l
RT: 8.25 min Scan# 683
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 41 Resp: 756202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 64.8 | 50.2 | 75.4 |
| 39 | 58.4 | 46.1 | 69.1 |



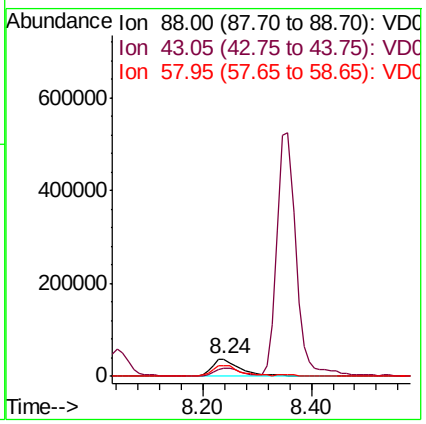


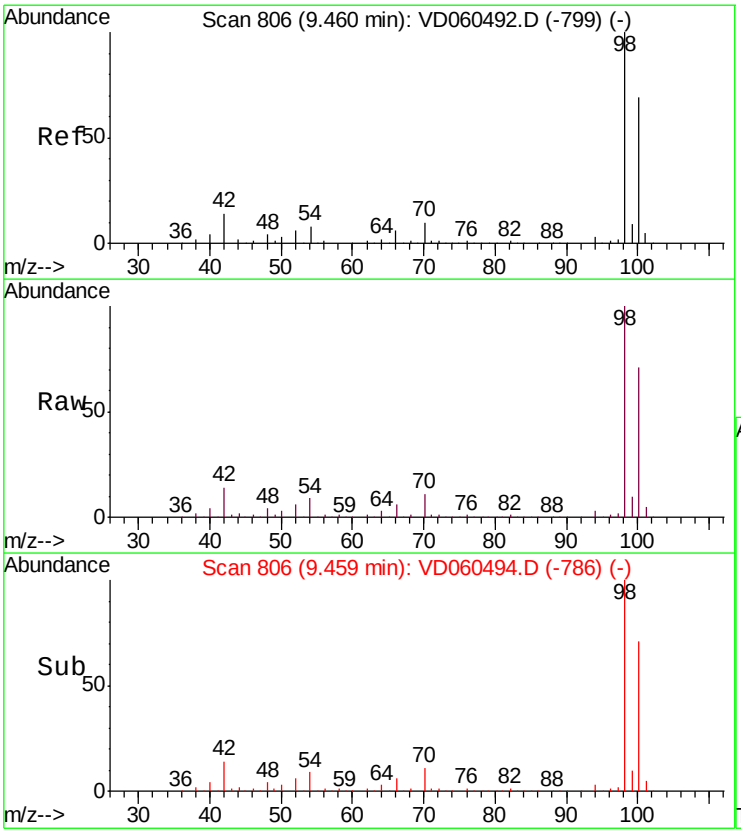

#49
1,4-Dioxane
Concen: 2028.148 ug/l
RT: 8.24 min  Scan# 682
Delta R.T.  0.01 min
Lab File:  VD060494.D
Acq:  5 Dec 2018  16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 88 Resp:  141241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 47.6 | 32.9 | 49.3 |
| 58 | 61.9 | 47.7 | 71.5 |

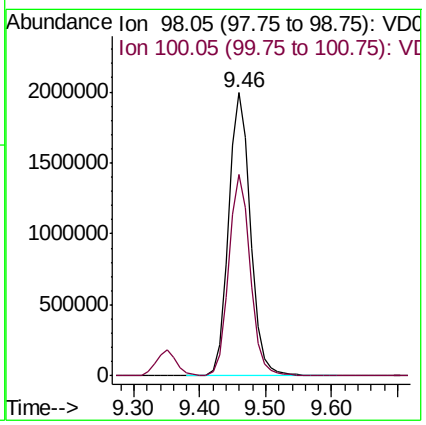


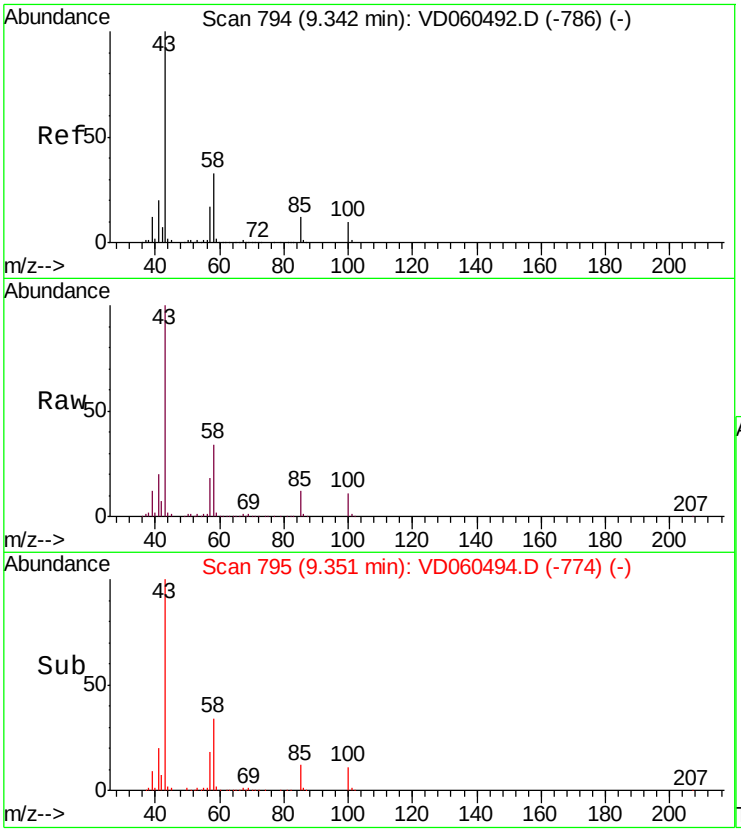




#50
Toluene-d8
Concen: 2028.148 ug/l
RT: 9.46 min  Scan# 806
Delta R.T.  -0.00 min
Lab File:  VD060494.D
Acq:  5 Dec 2018  16:01

Tgt Ion: 98 Resp: 4652060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 71.2 | 55.7 | 83.5 |



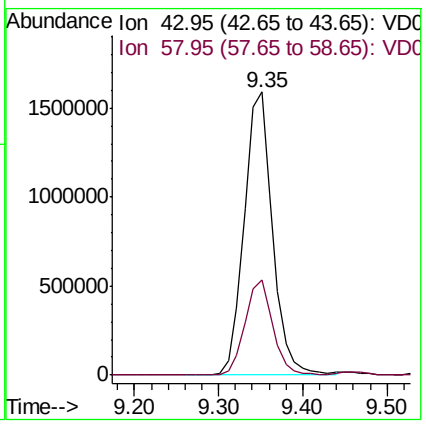


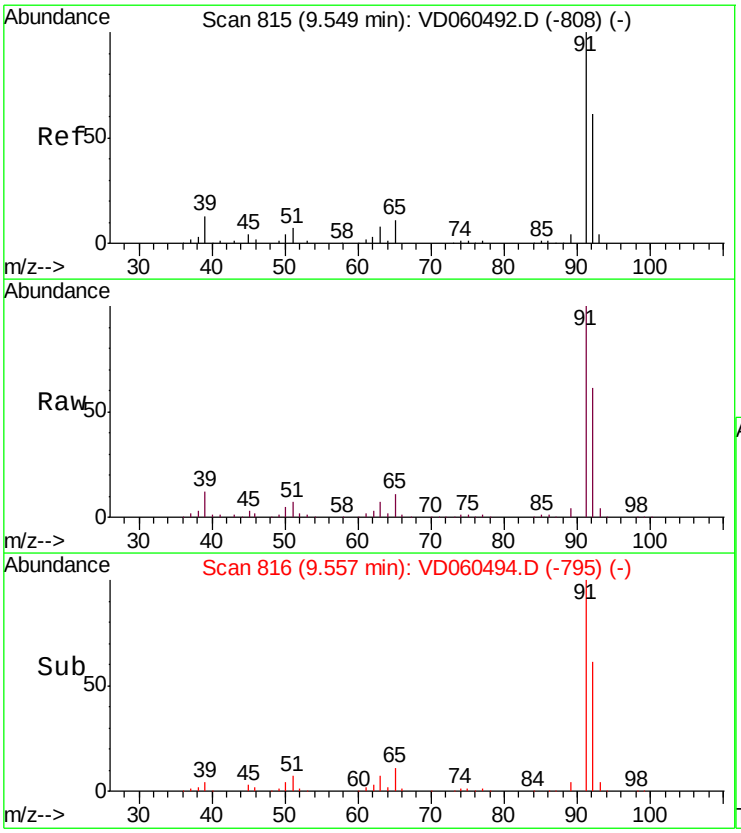

#51
4-Methyl-2-Pentanone
Concen: 440.049 ug/l
RT: 9.35 min Scan# 795
Delta R.T. 0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 43 Resp: 3748516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.8 | 26.3 | 39.5 |

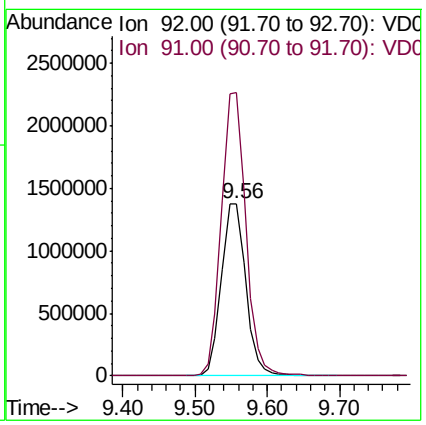


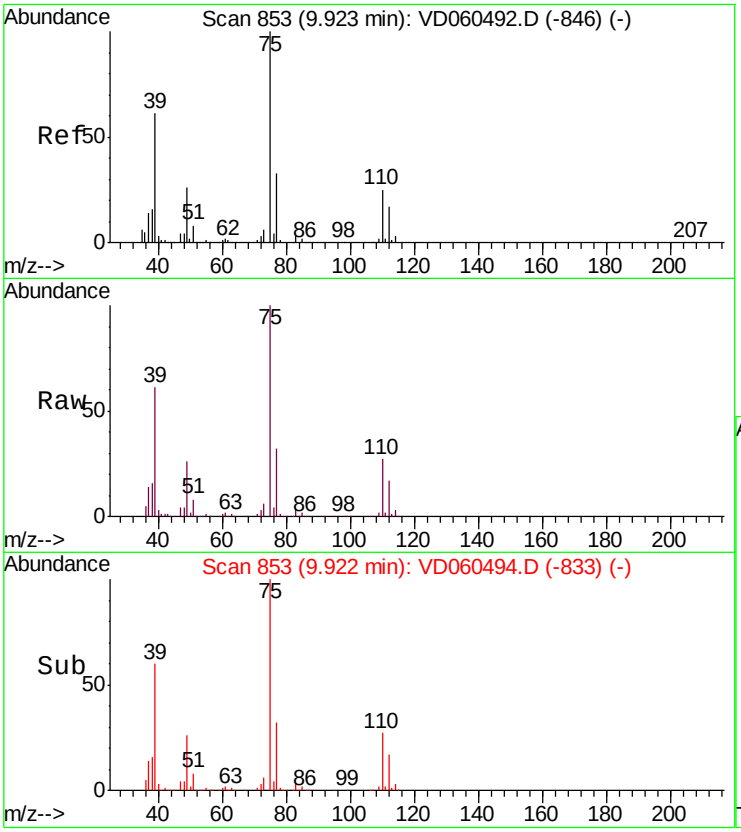




#52
Toluene
Concen: 87.824 ug/l
RT: 9.56 min Scan# 816
Delta R.T. 0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 92 Resp: 3267508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 164.2 | 131.7 | 197.5 |



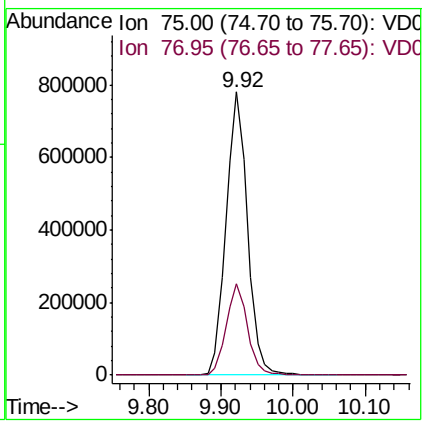


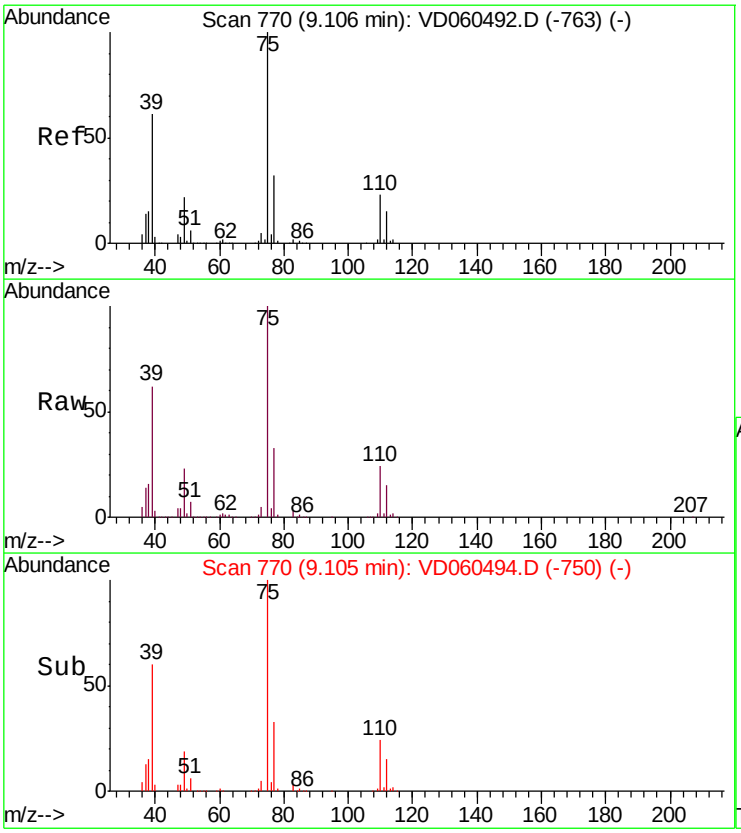

#53
t-1,3-Dichloropropene
Concen: 94.838 ug/l
RT: 9.92 min Scan# 853
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 75 Resp: 1611430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.5 | 26.2 | 39.2 |

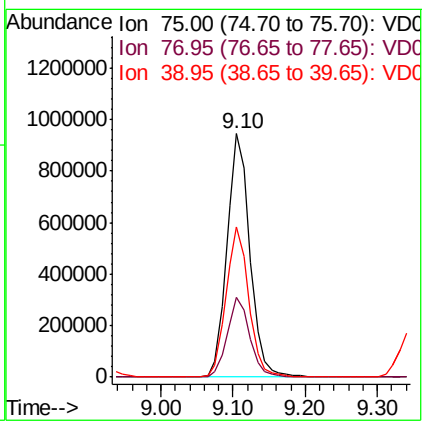


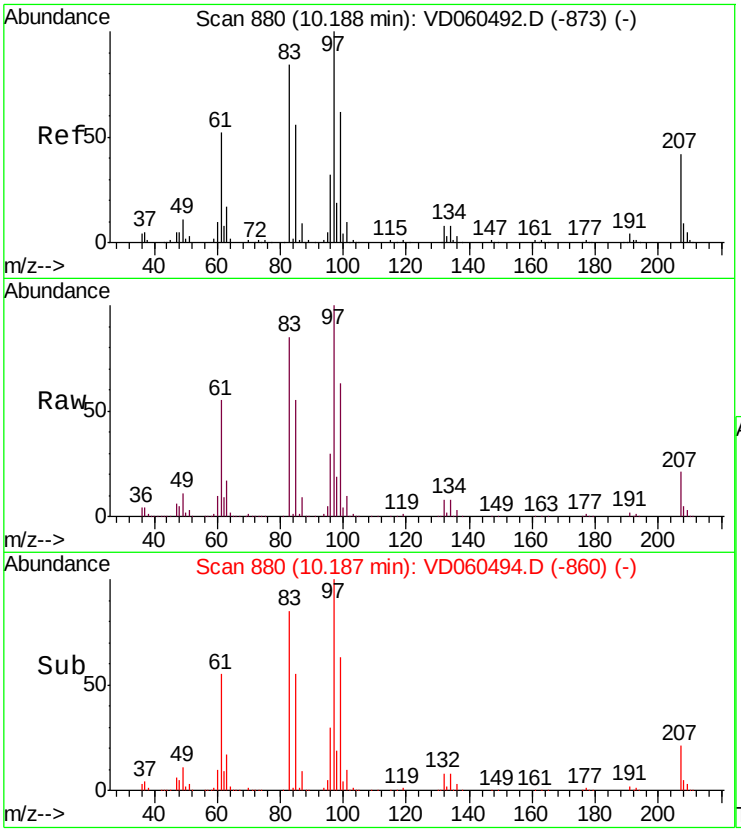




#54
cis-1,3-Dichloropropene
Concen: 95.023 ug/l
RT: 9.10 min Scan# 770
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 75 Resp: 2088015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.8 | 25.6 | 38.4 |
| 39 | 61.7 | 48.6 | 73.0 |



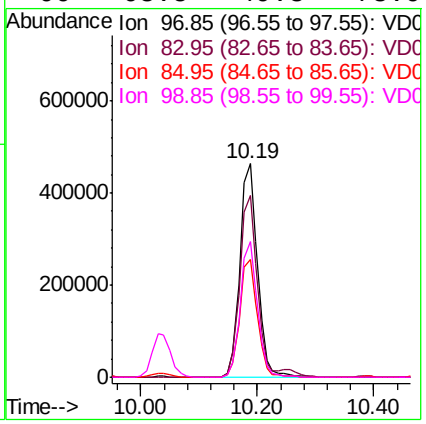


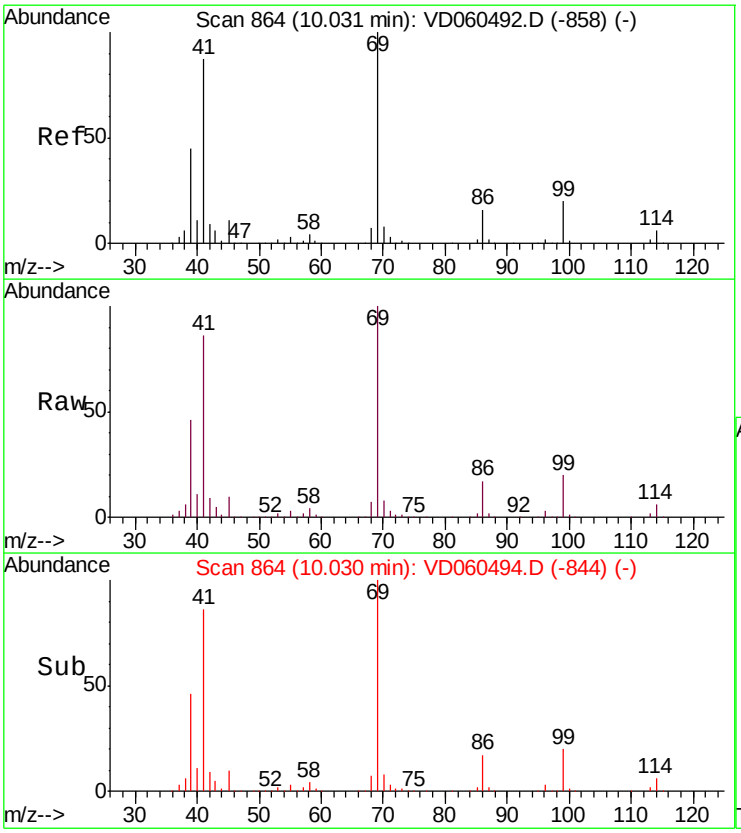

#55
1,1,2-Trichloroethane
Concen: 90.617 ug/l
RT: 10.19 min Scan# 880
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC100

Tgt Ion: 97 Resp: 976263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.0 | 67.2 | 100.8 |
| 85 | 55.3 | 44.5 | 66.7 |
| 99 | 63.5 | 49.3 | 73.9 |

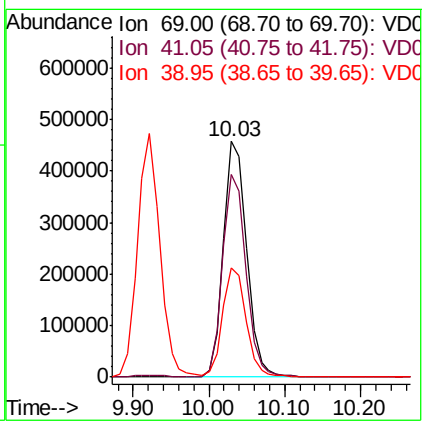


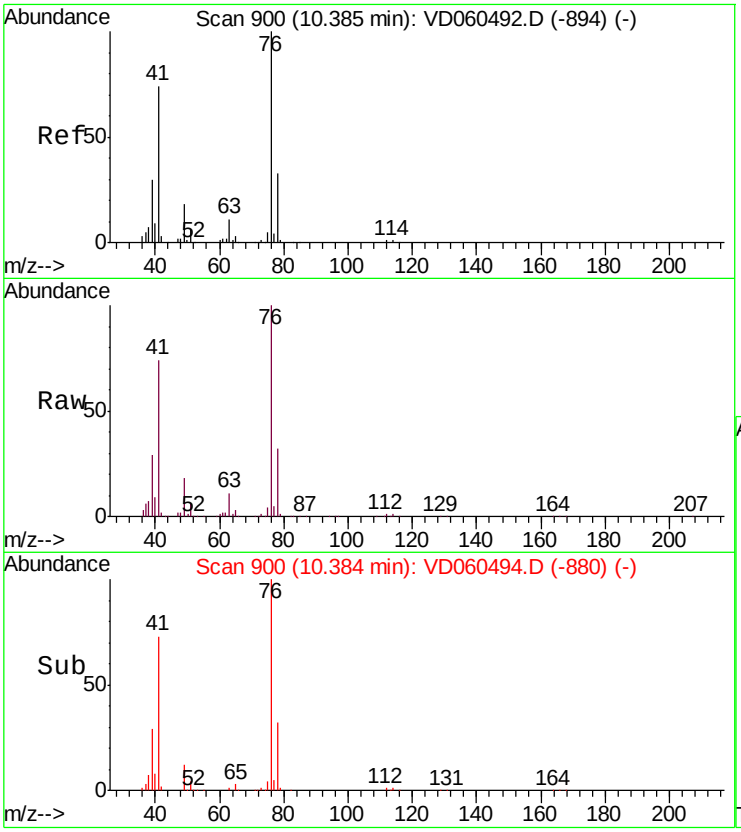




#56
Ethyl methacrylate
Concen: 99.128 ug/l
RT: 10.03 min Scan# 864
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 69 Resp: 975202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 85.9 | 69.8 | 104.8 |
| 39 | 46.3 | 37.5 | 56.3 |



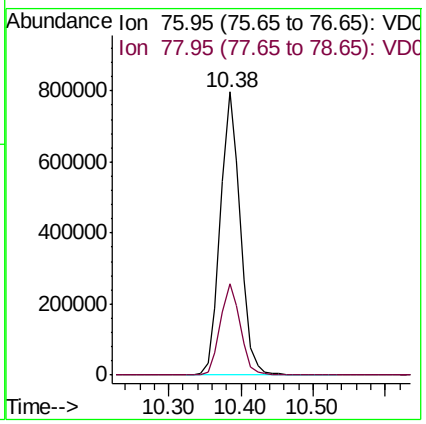


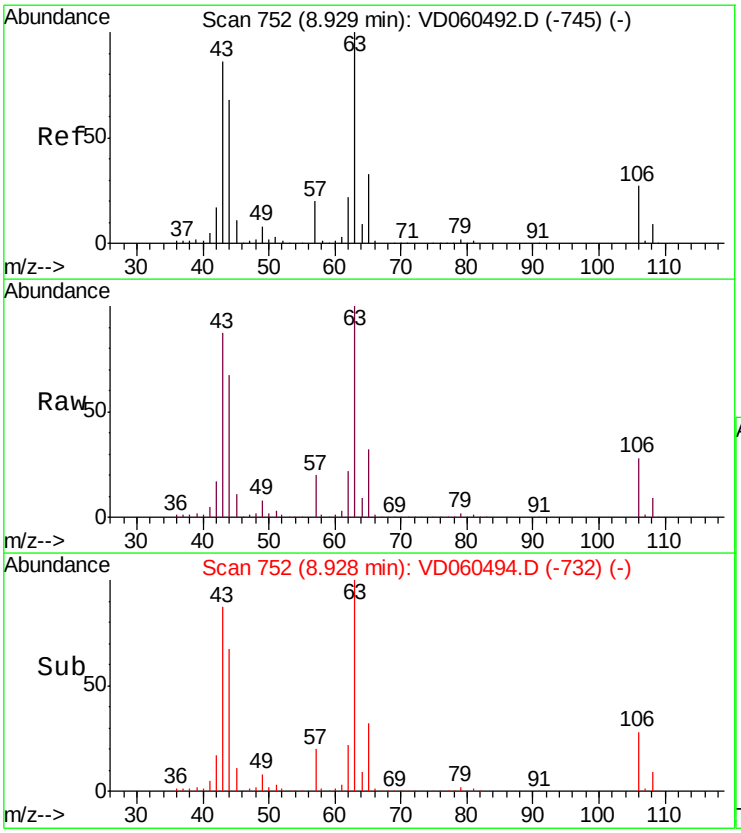

#57
1,3-Dichloropropane
Concen: 92.991 ug/l
RT: 10.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 76 Resp: 1520742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.3 | 26.1 | 39.1 |

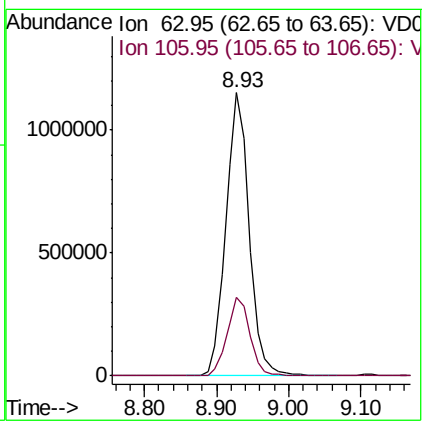


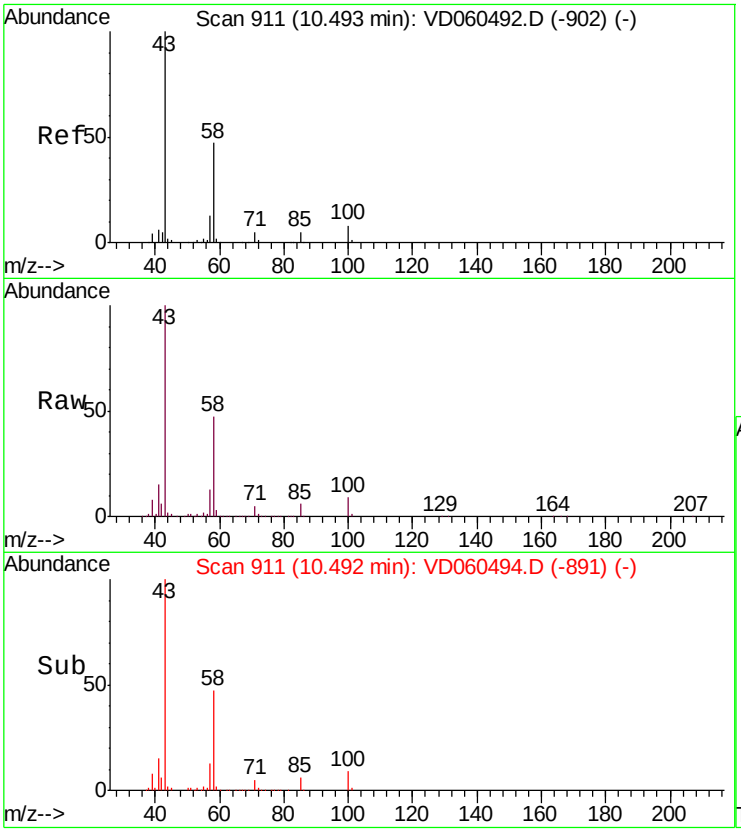




#58
2-Chloroethyl Vinyl ether
Concen: 436.411 ug/l
RT: 8.93 min Scan# 752
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 63 Resp: 2583269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 27.6 | 21.6 | 32.4 |



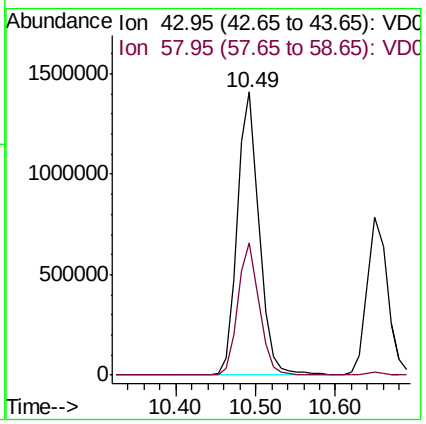


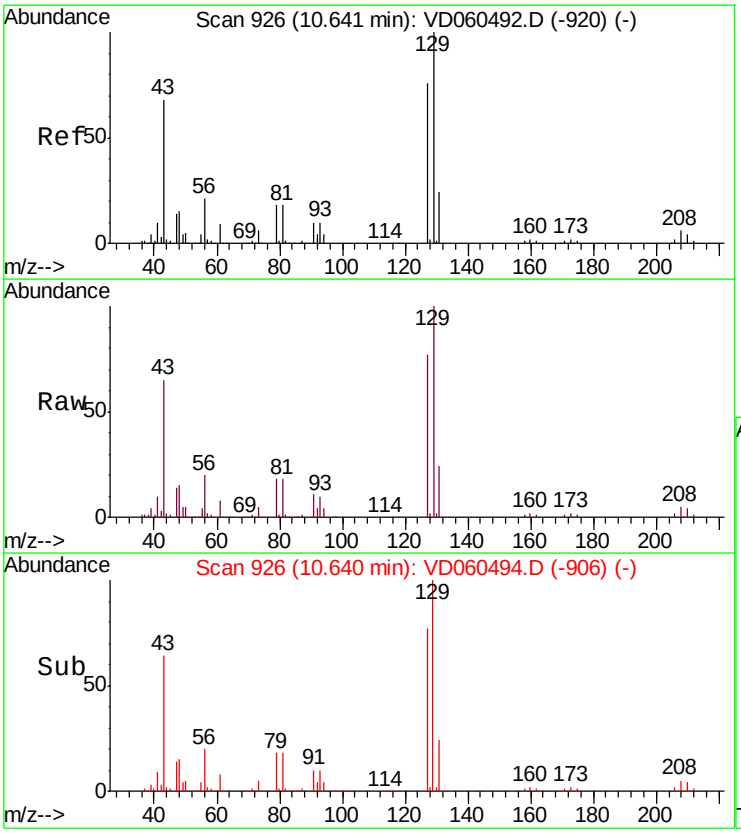

#59
2-Hexanone
Concen: 443.408 ug/l
RT: 10.49 min Scan# 911
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 43 Resp: 2677039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 46.6 | 23.4 | 70.2 |

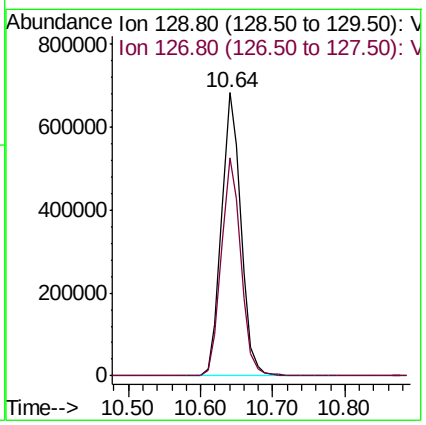


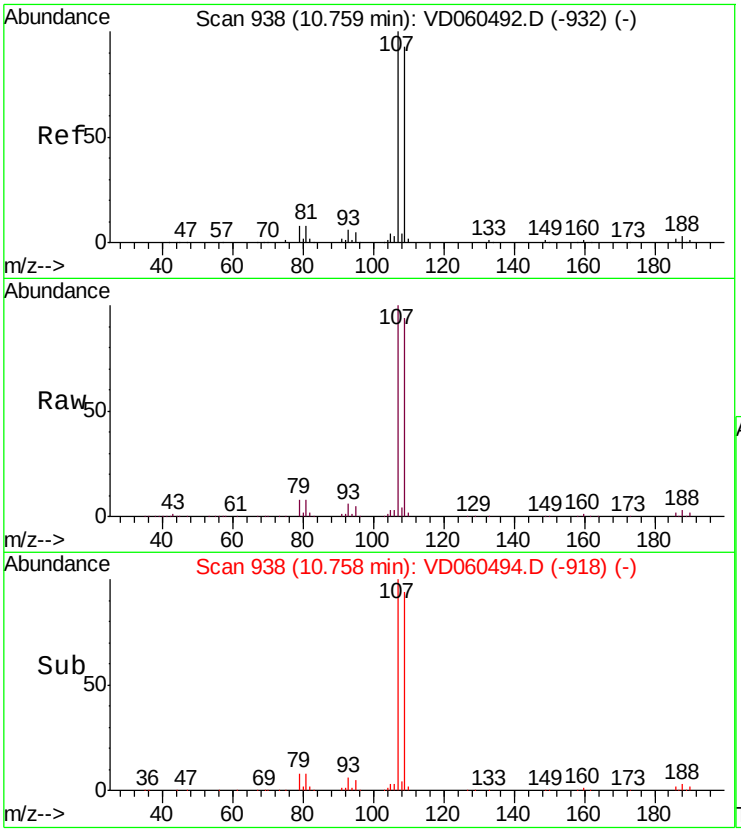




#60
Dibromochloromethane
Concen: 97.552 ug/l
RT: 10.64 min Scan# 926
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion:129 Resp: 1275418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.3 | 38.1 | 114.3 |



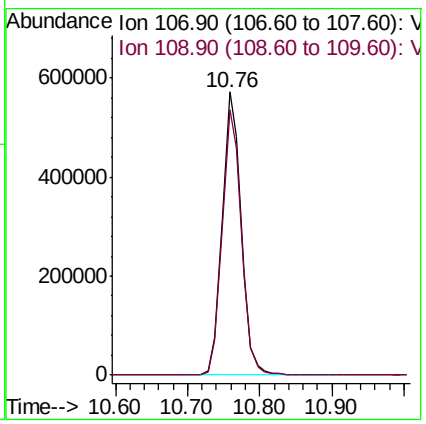


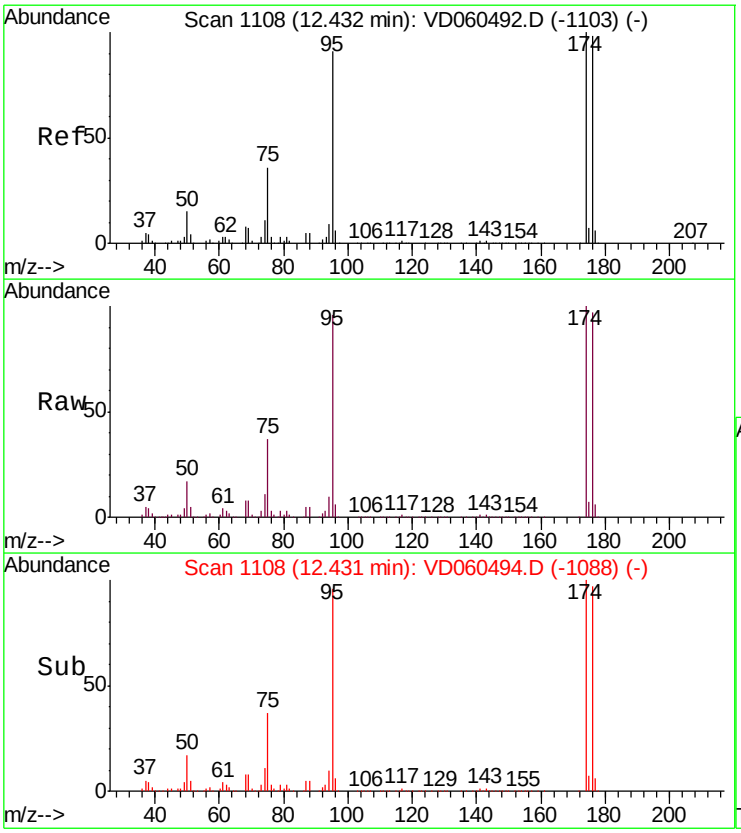

#61
1,2-Dibromoethane
Concen: 96.147 ug/l
RT: 10.76 min Scan# 938
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion:107 Resp: 1036273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.8 | 74.7 | 112.1 |

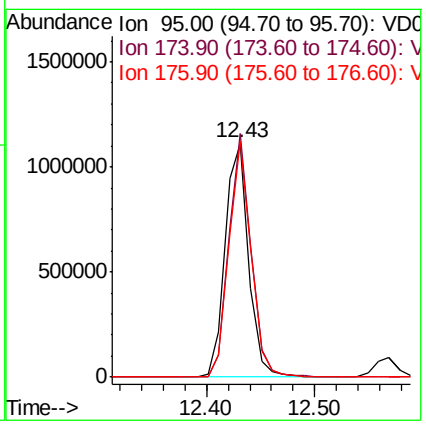


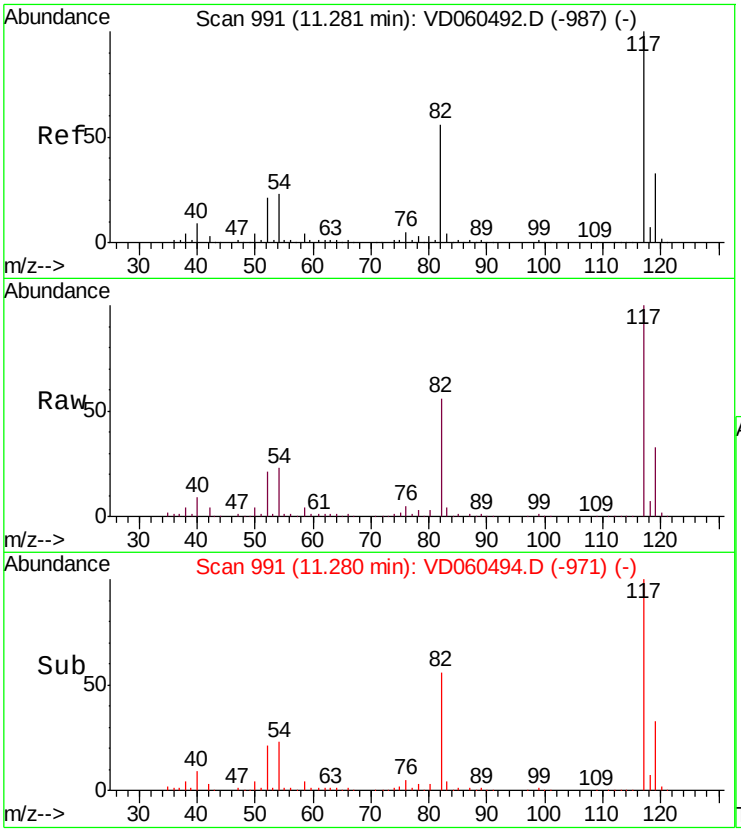




#62
4-Bromofluorobenzene
Concen: 96.147 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 95 Resp: 1676757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 104.2 | 0.0 | 219.4 |
| 176 | 100.8 | 0.0 | 214.6 |



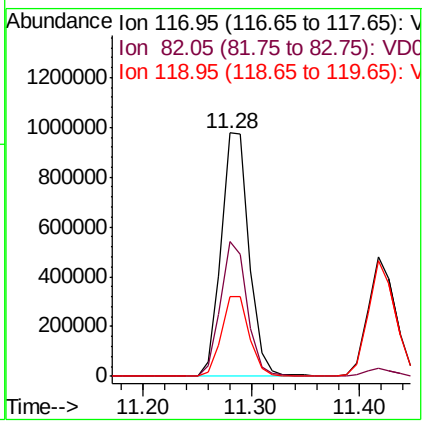


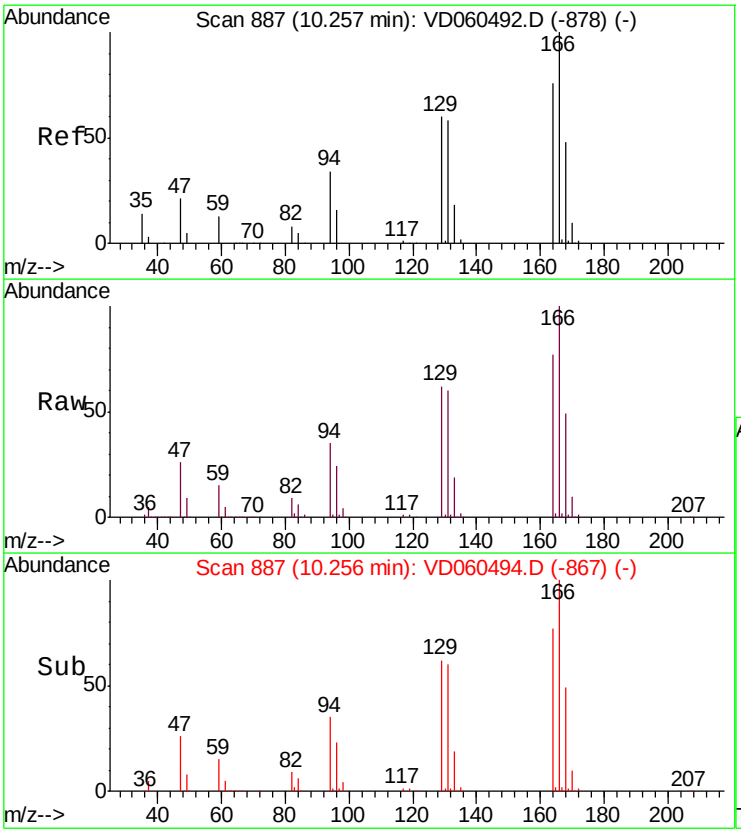

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion:117 Resp: 1757165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.6 | 45.2 | 67.8 |
| 119 | 32.9 | 26.1 | 39.1 |

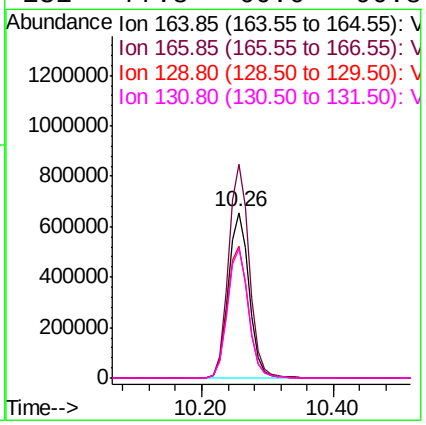


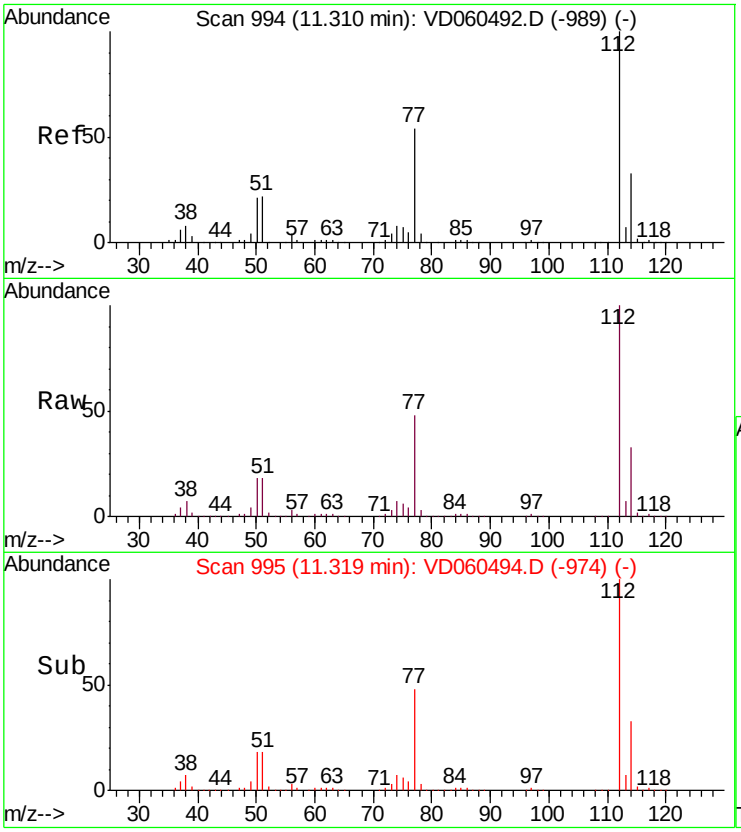




#64
Tetrachloroethene
Concen: 92.545 ug/l
RT: 10.26 min Scan# 887
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion:164 Resp: 1455795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 129.1 | 105.0 | 157.6 |
| 129 | 80.0 | 63.0 | 94.4 |
| 131 | 77.8 | 60.6 | 90.8 |



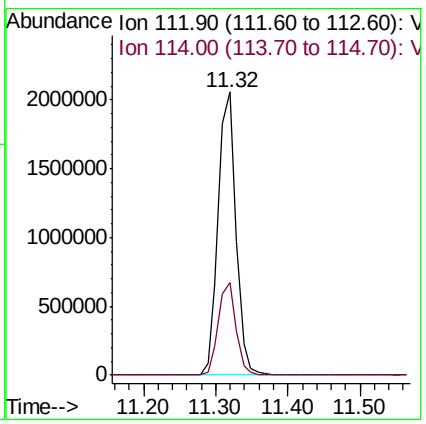


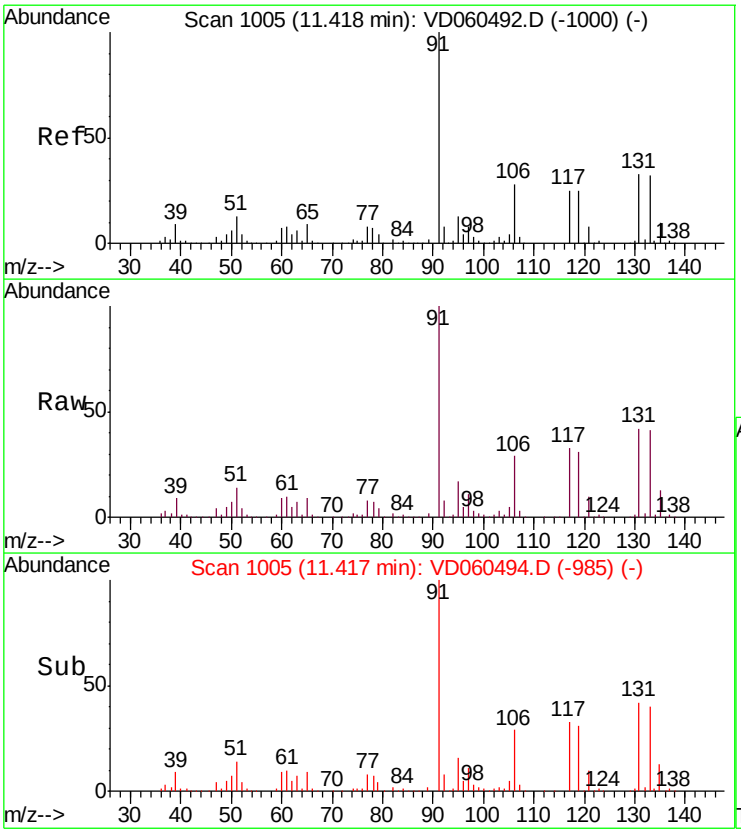

#65
Chlorobenzene
Concen: 92.432 ug/l
RT: 11.32 min Scan# 995
Delta R.T. 0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion:112 Resp: 3508784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.7 | 26.2 | 39.4 |

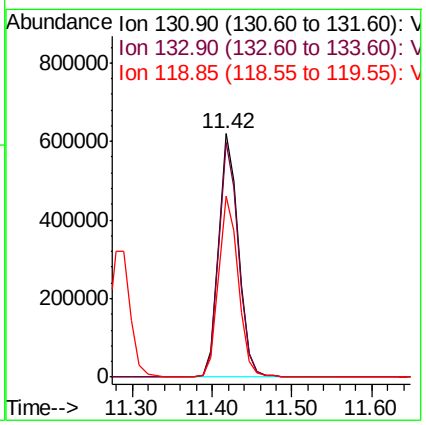


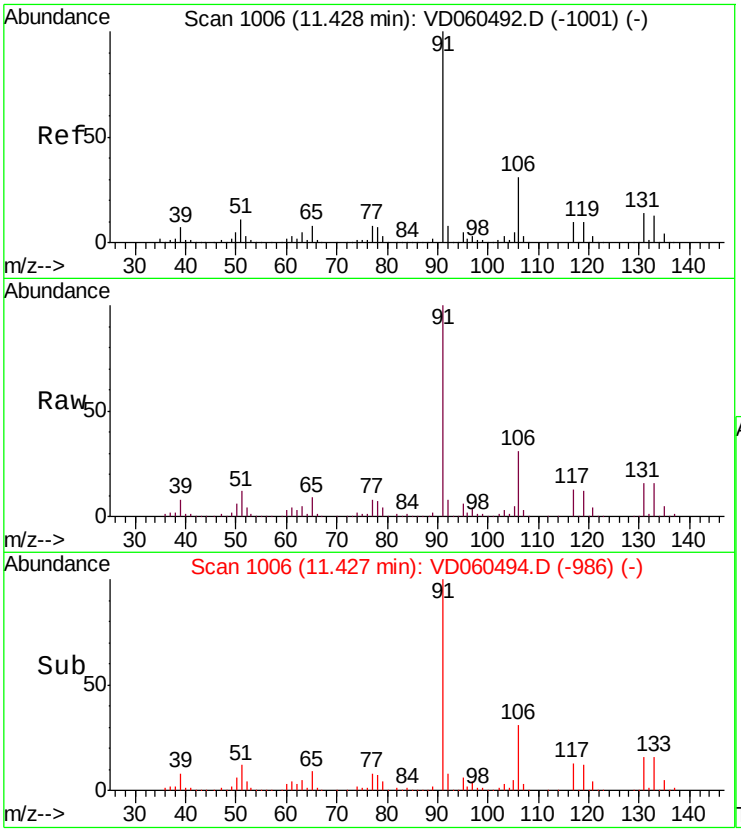




#66
1,1,1,2-Tetrachloroethane
Concen: 87.698 ug/l
RT: 11.42 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion:131 Resp: 1088685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.5 | 49.1 | 147.3 |
| 119 | 74.5 | 37.5 | 112.3 |



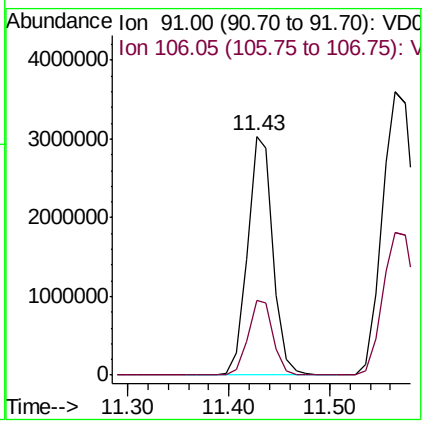


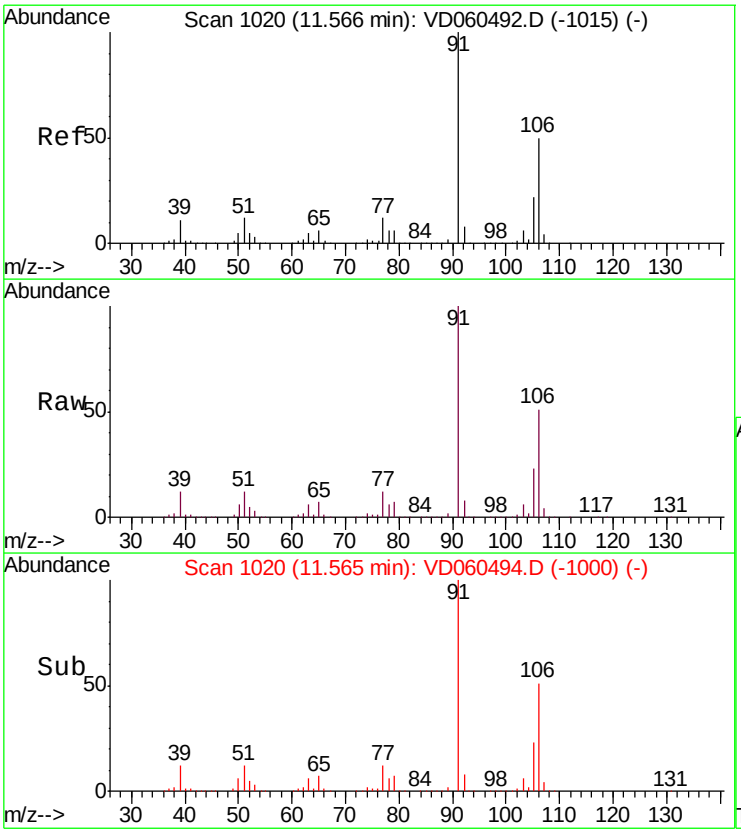

#67
Ethyl Benzene
Concen: 81.653 ug/l
RT: 11.43 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 91 Resp: 5321688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.4 | 24.6 | 37.0 |

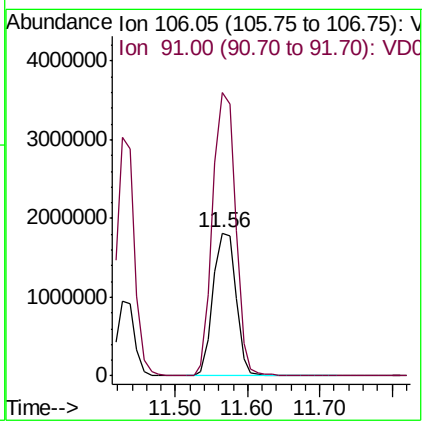


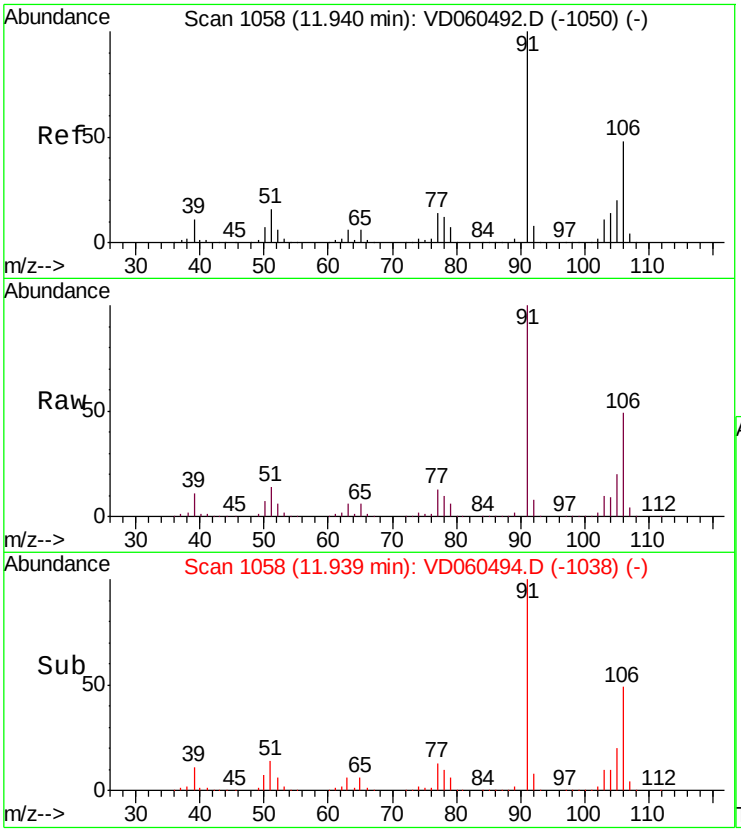




#68
m/p-Xylenes
Concen: 165.899 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion:106 Resp: 3978527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 197.7 | 160.5 | 240.7 |



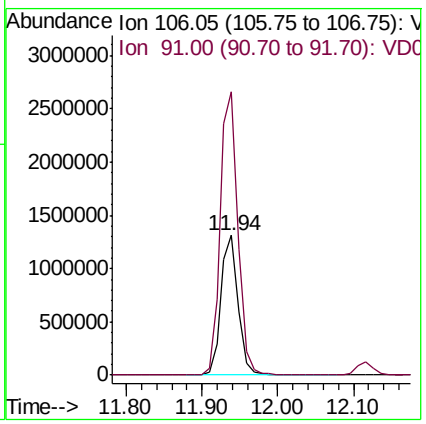


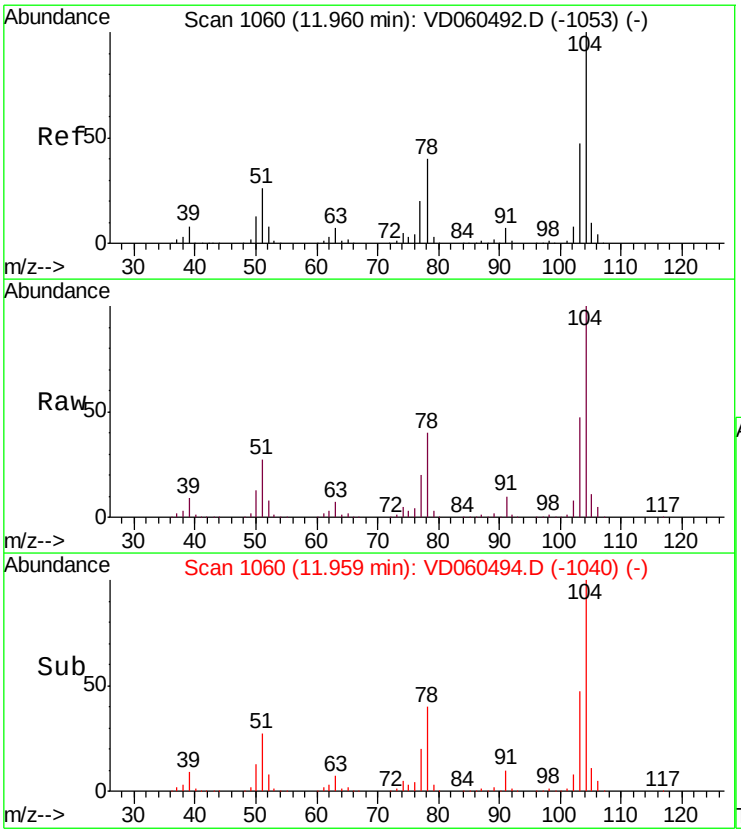

#69
o-Xylene
Concen: 88.823 ug/l
RT: 11.94 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion:106 Resp: 2055838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 202.8 | 103.4 | 310.1 |

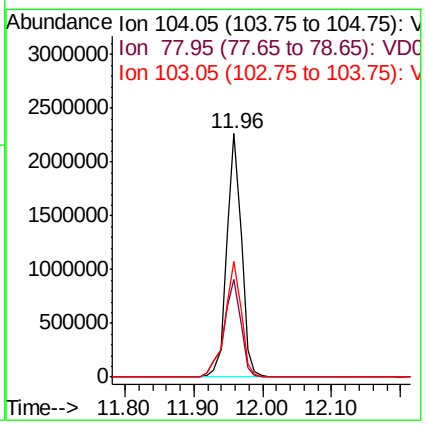


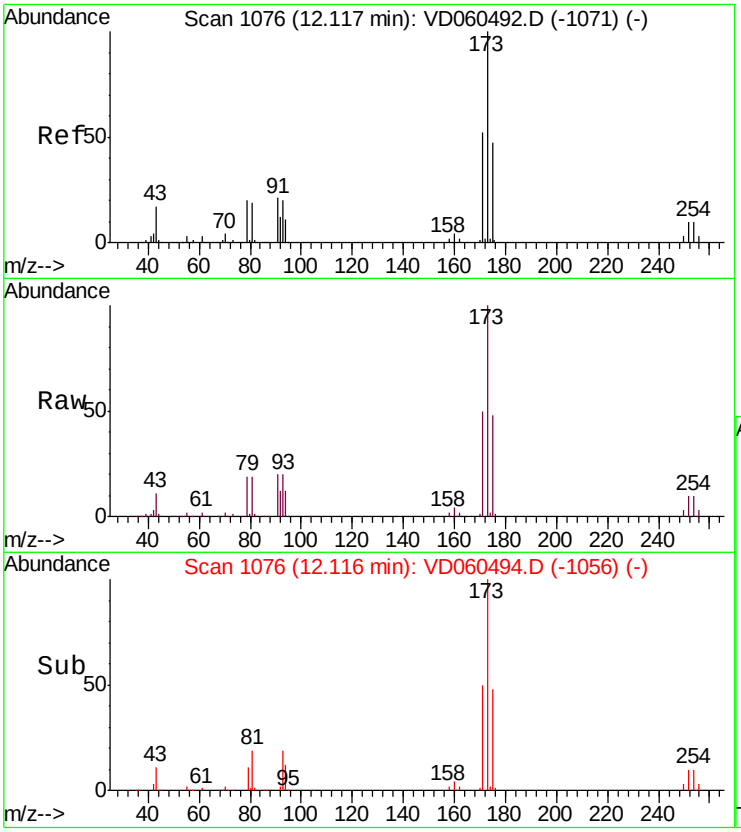




#70
Styrene
Concen: 88.364 ug/l
RT: 11.96 min Scan# 1060
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion:104 Resp: 3322370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 40.2 | 32.1 | 48.1 |
| 103 | 47.3 | 37.2 | 55.8 |



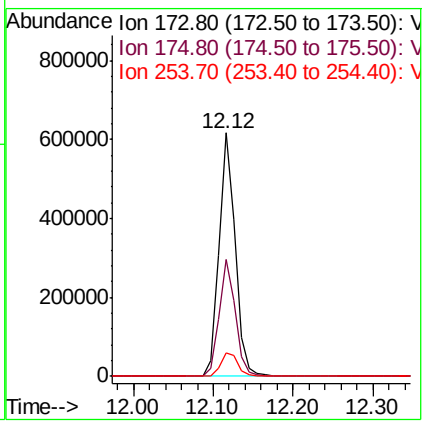


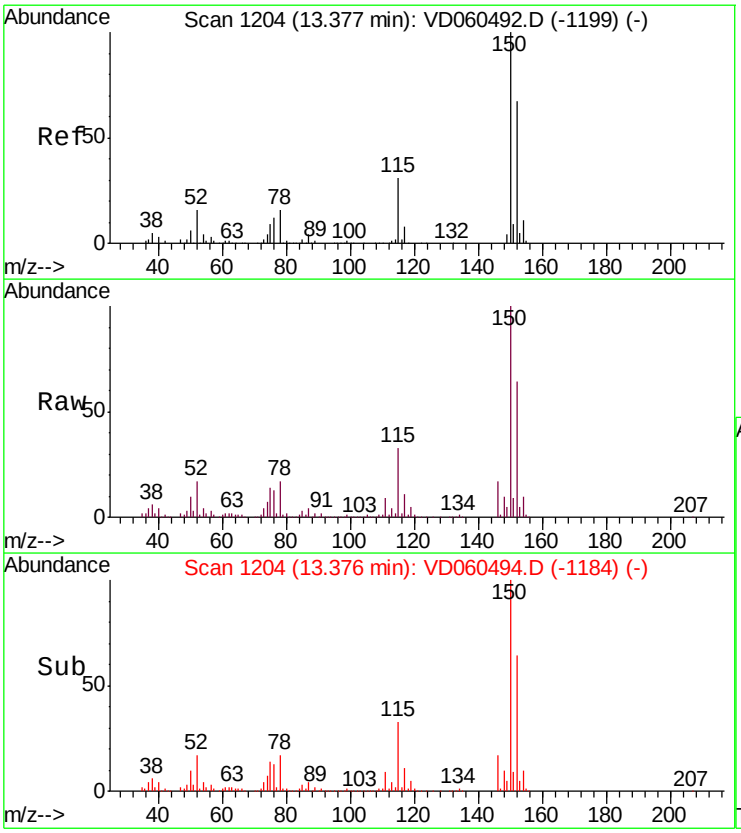

#71
Bromoform
Concen: 105.573 ug/l
RT: 12.12 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion:173 Resp: 883568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.2 | 23.5 | 70.6 |
| 254 | 9.6 | 7.8 | 11.8 |

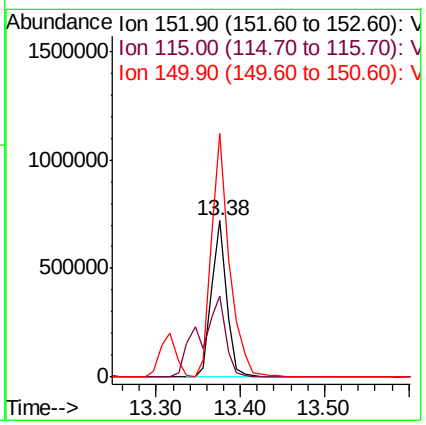


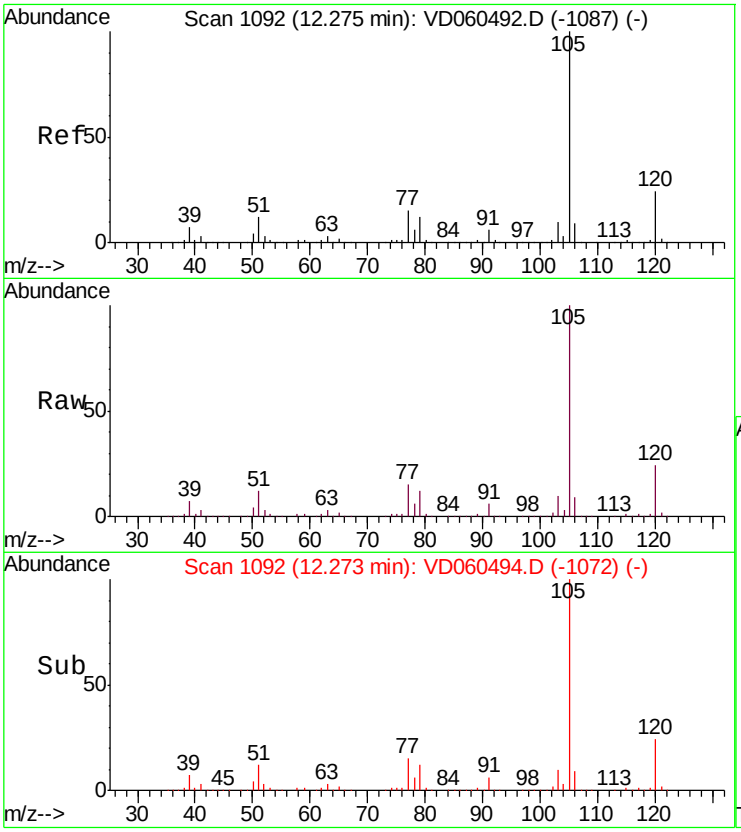




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion:152 Resp: 901198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 51.5 | 24.6 | 74.0 |
| 150 | 155.8 | 0.0 | 309.0 |



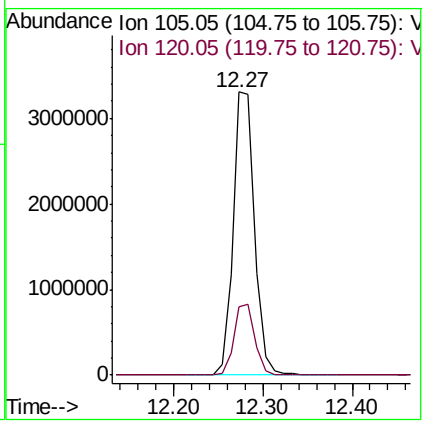


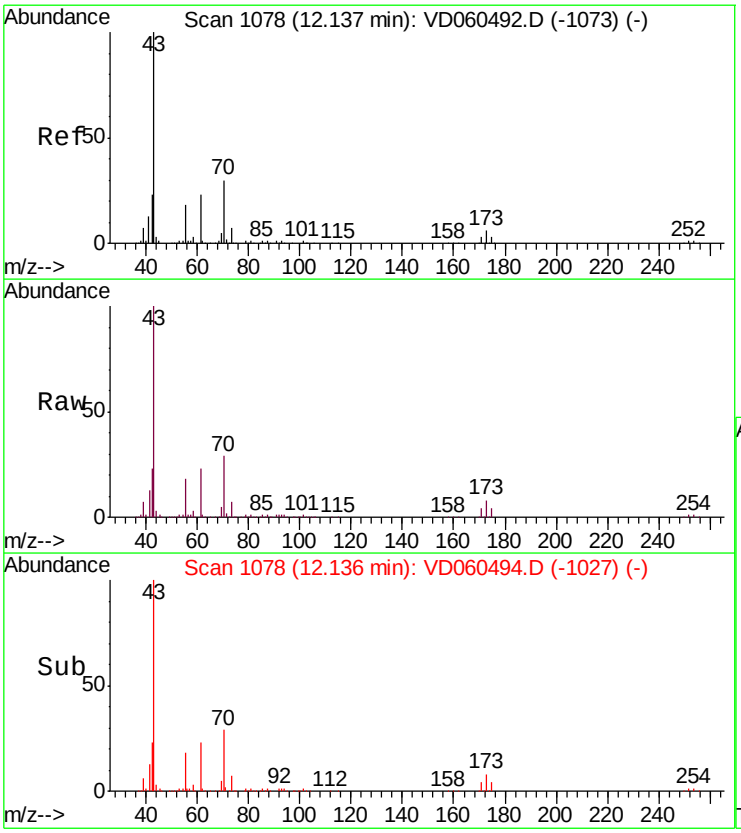

#73
Isopropylbenzene
Concen: 84.217 ug/l
RT: 12.27 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDICC100

Tgt Ion:105 Resp: 5548583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 24.2 | 11.9 | 35.9 |

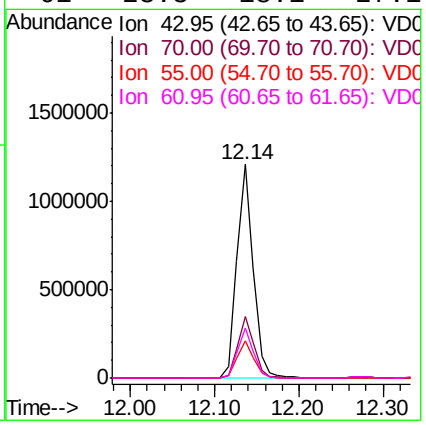


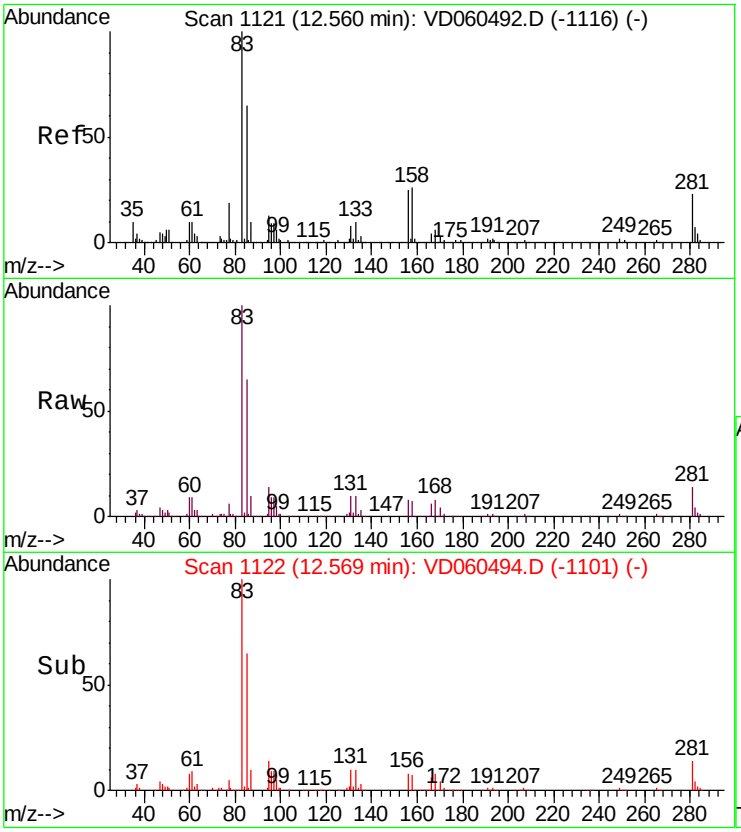




#74
N-amyl acetate
Concen: 96.670 ug/l
RT: 12.14 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 43 Resp: 1623393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 28.6 | 23.8 | 35.8 |
| 55 | 17.6 | 14.2 | 21.2 |
| 61 | 23.3 | 18.1 | 27.1 |



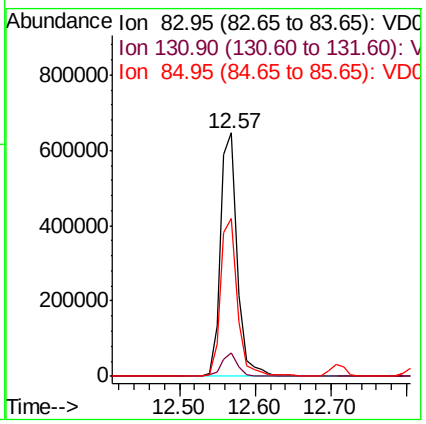


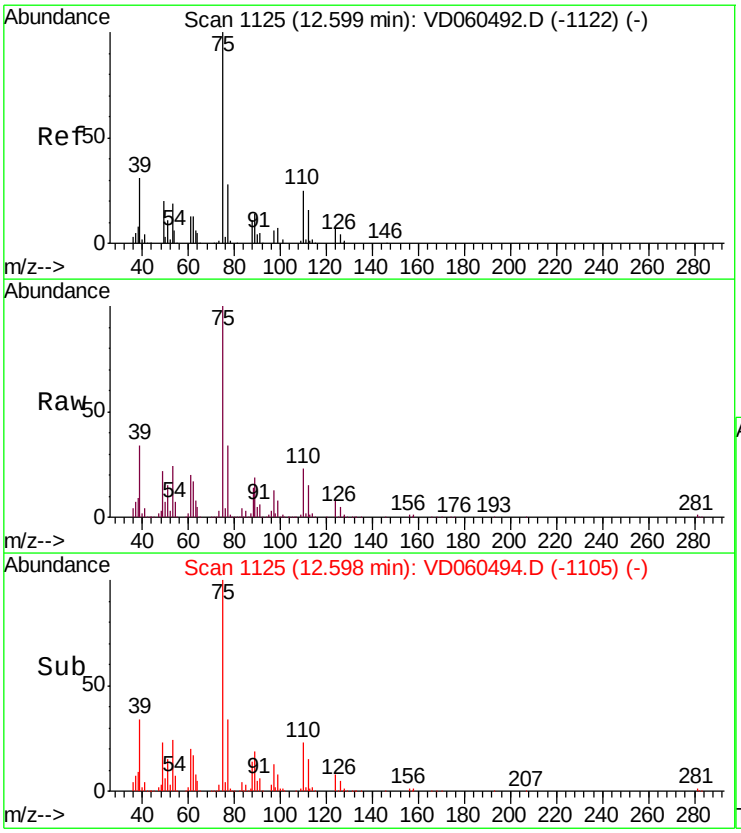

#75
1,1,2,2-Tetrachloroethane
Concen: 93.806 ug/l
RT: 12.57 min Scan# 1122
Delta R.T. 0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 83 Resp: 1000306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.5 | 3.8 | 11.4 |
| 85 | 65.0 | 32.3 | 96.9 |

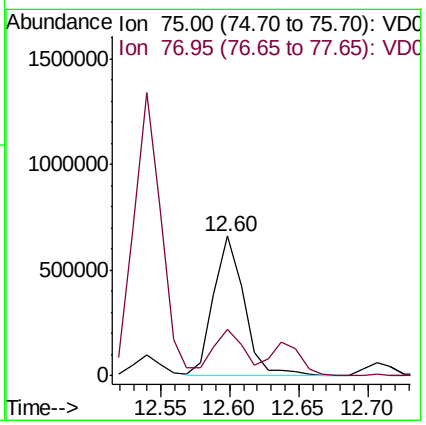


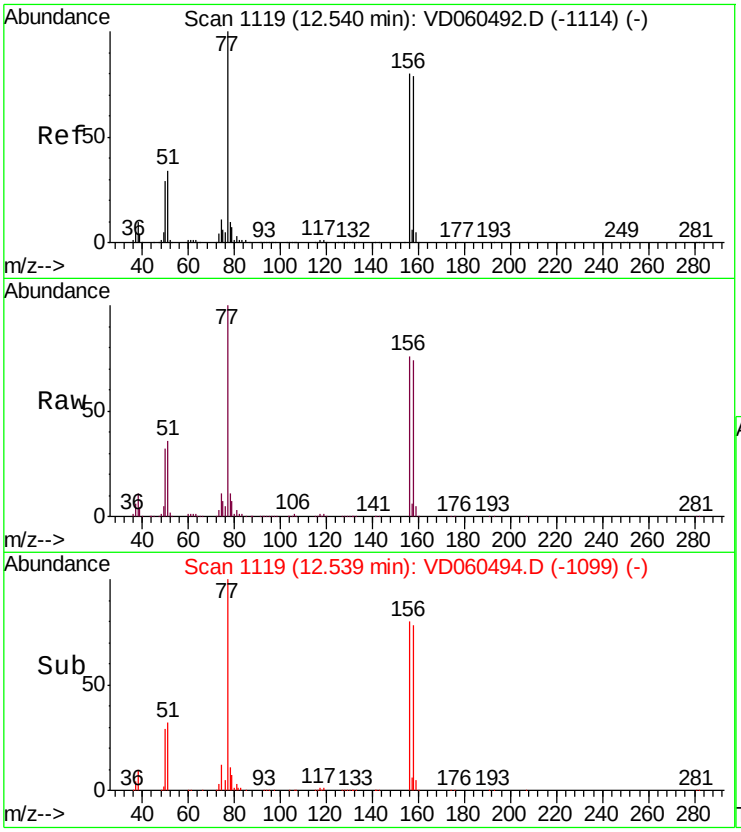




#76
1,2,3-Trichloropropane
Concen: 94.373 ug/l
RT: 12.60 min Scan# 1125
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 75 Resp: 1013102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.6 | 16.4 | 49.4 |



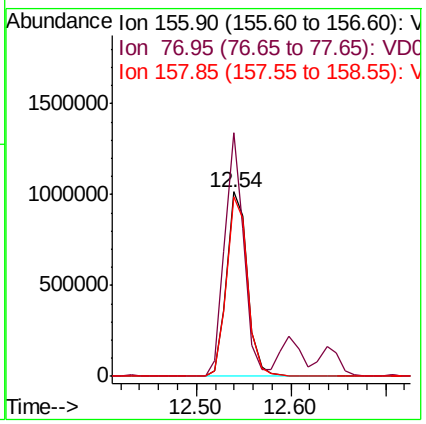


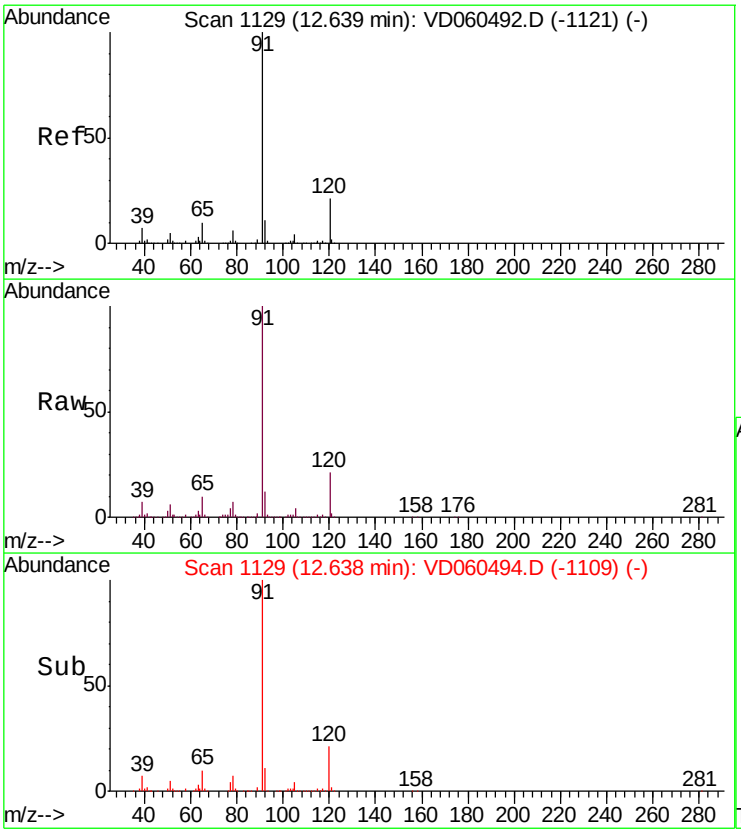

#77
Bromobenzene
Concen: 88.823 ug/l
RT: 12.54 min Scan# 1119
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion:156 Resp: 1547224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 132.1 | 62.5 | 187.6 |
| 158 | 97.4 | 49.4 | 148.2 |

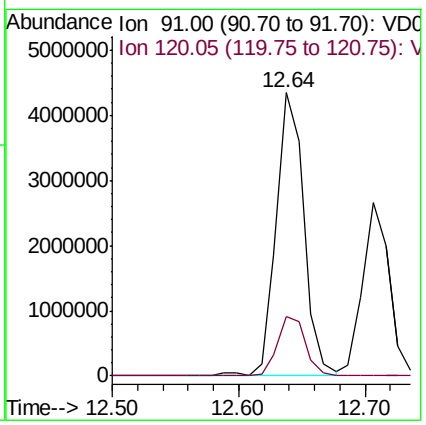


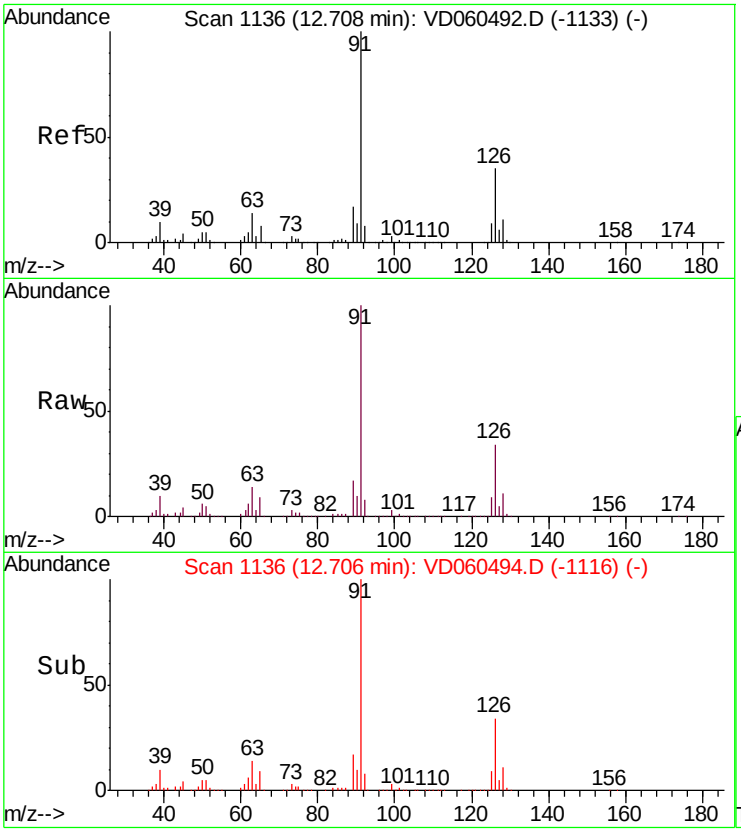




#78
n-propylbenzene
Concen: 81.431 ug/l
RT: 12.64 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 91 Resp: 6653275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 20.8 | 10.4 | 31.1 |



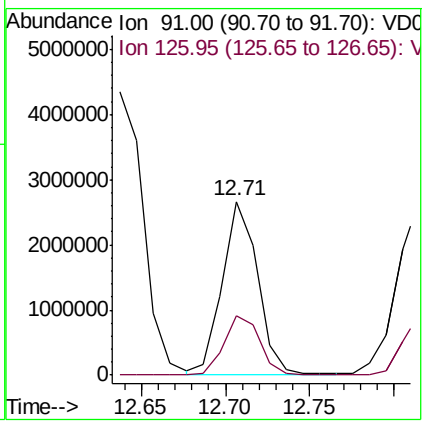


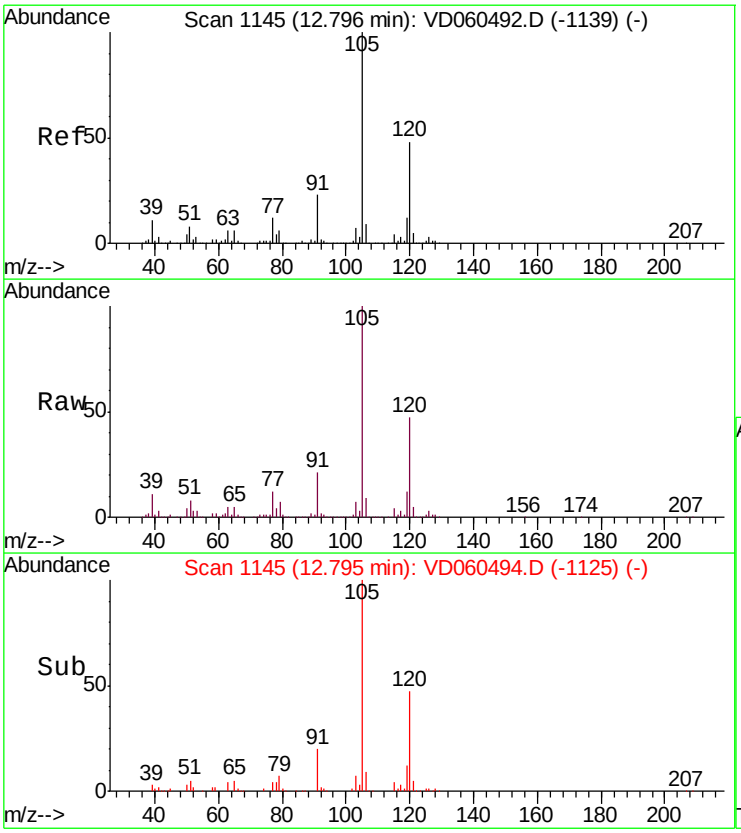

#79
2-Chlorotoluene
Concen: 85.984 ug/l
RT: 12.71 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 91 Resp: 3867299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.0 | 17.3 | 52.0 |

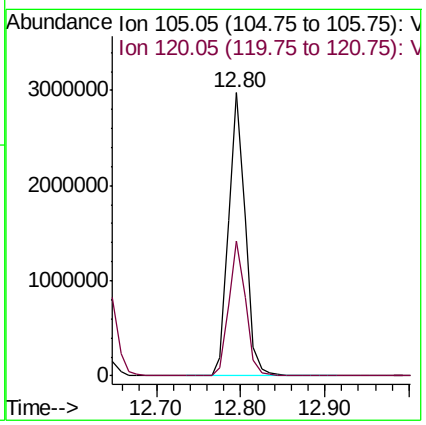


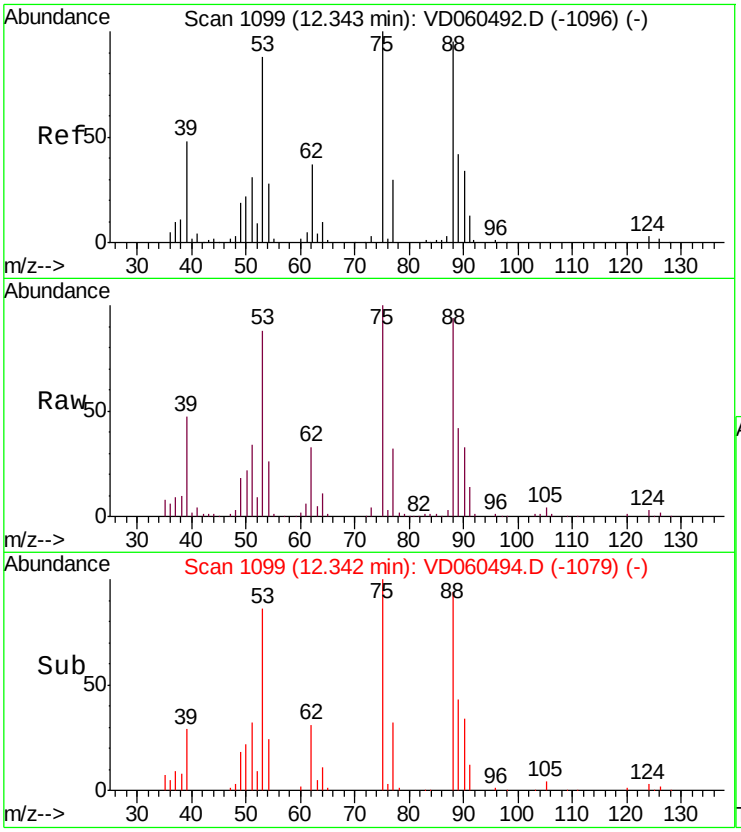




#80
1,3,5-Trimethylbenzene
Concen: 80.118 ug/l
RT: 12.80 min Scan# 1145
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion:105 Resp: 4068417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.5 | 24.2 | 72.6 |



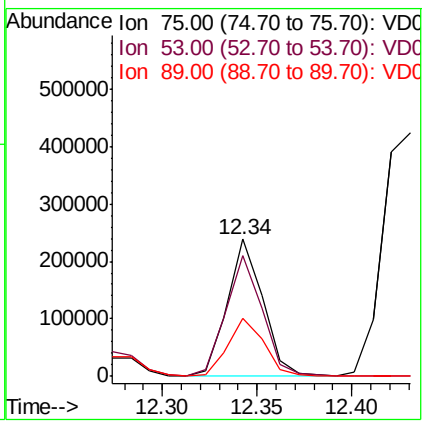


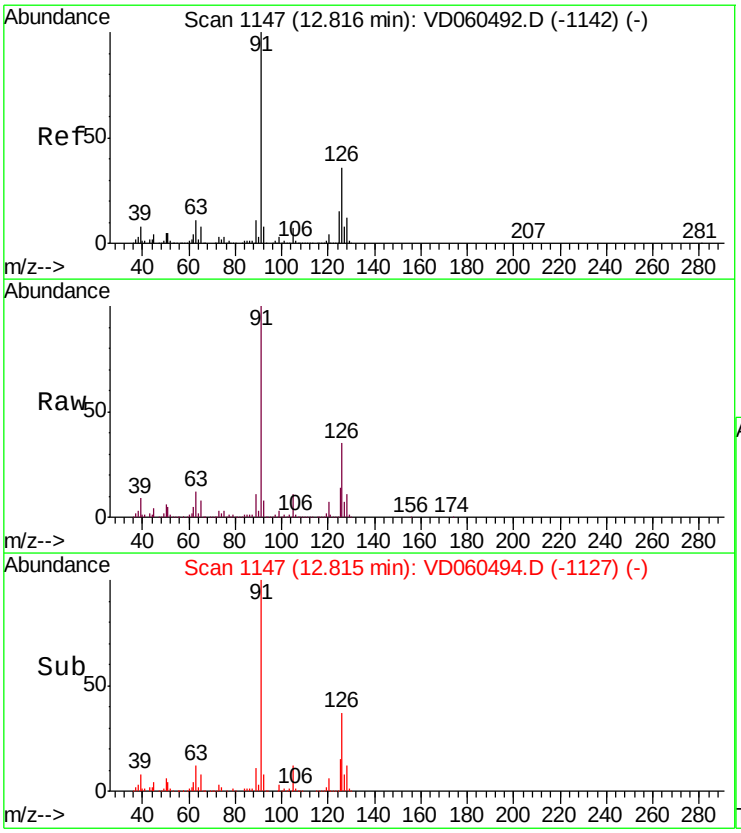

#81
trans-1,4-Dichloro-2-butene
Concen: 100.394 ug/l
RT: 12.34 min Scan# 1099
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 75 Resp: 307023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 87.9 | 70.5 | 105.7 |
| 89 | 42.4 | 33.6 | 50.4 |

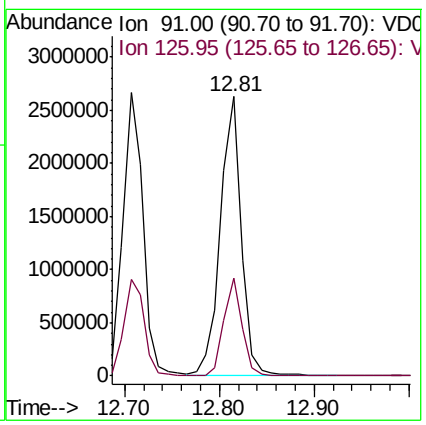


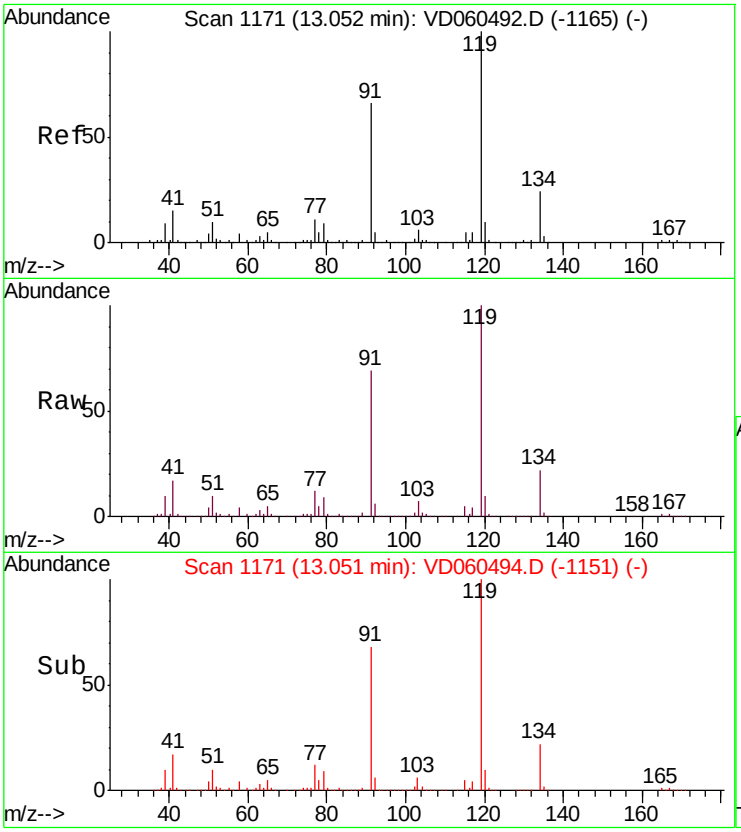




#82
4-Chlorotoluene
Concen: 79.395 ug/l
RT: 12.81 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 91 Resp: 3996449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.9 | 17.8 | 53.4 |



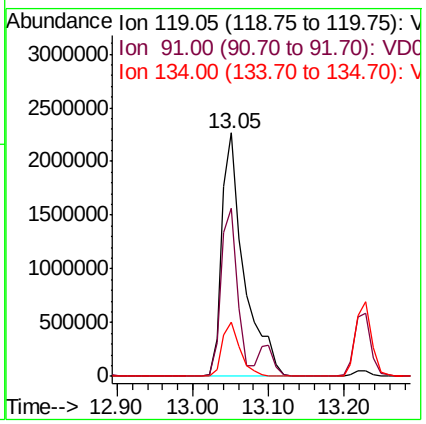


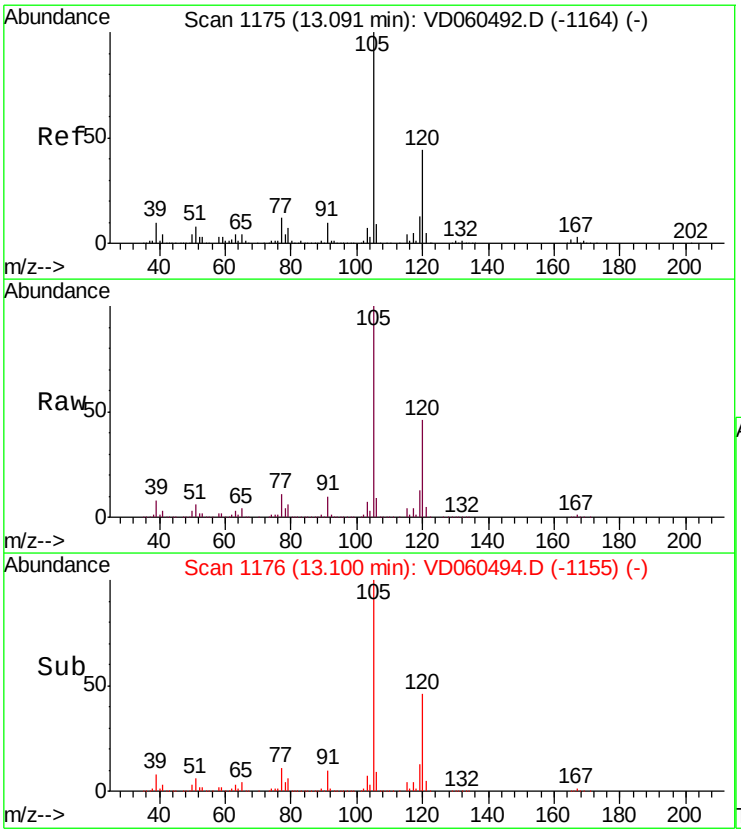

#83
tert-Butylbenzene
Concen: 81.801 ug/l
RT: 13.05 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion:119 Resp: 4624541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 69.1 | 33.1 | 99.2 |
| 134 | 22.3 | 12.0 | 36.0 |

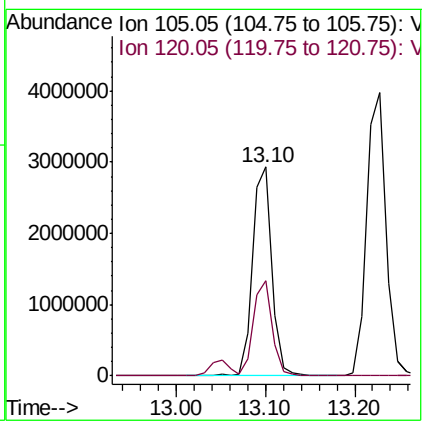


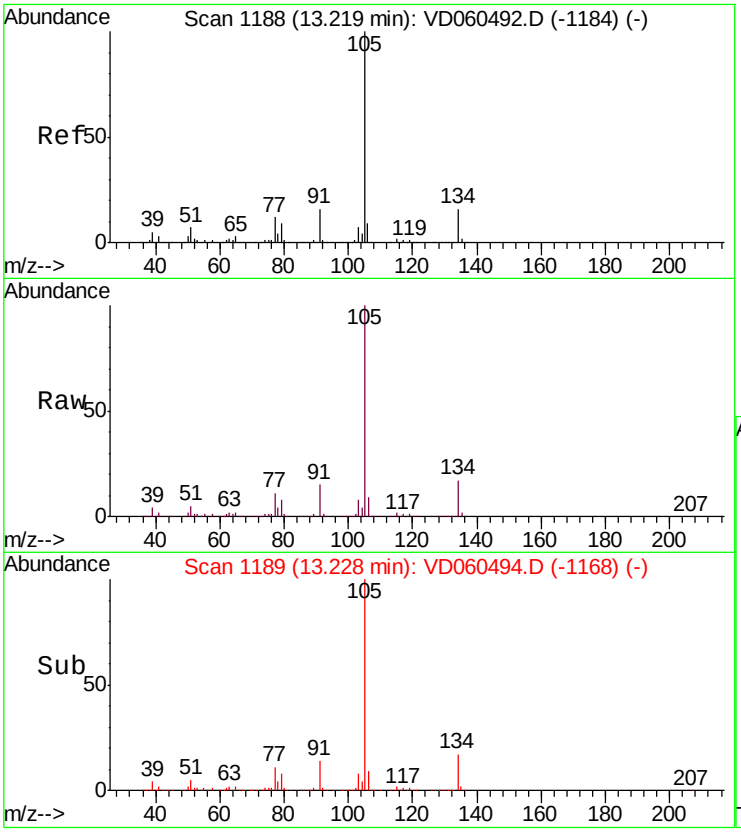




#84
1,2,4-Trimethylbenzene
Concen: 84.335 ug/l
RT: 13.10 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion:105 Resp: 4290476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.7 | 22.3 | 66.8 |



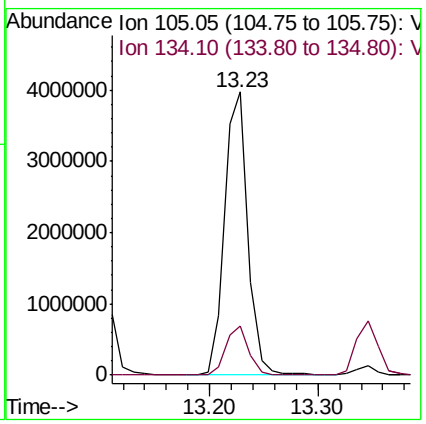


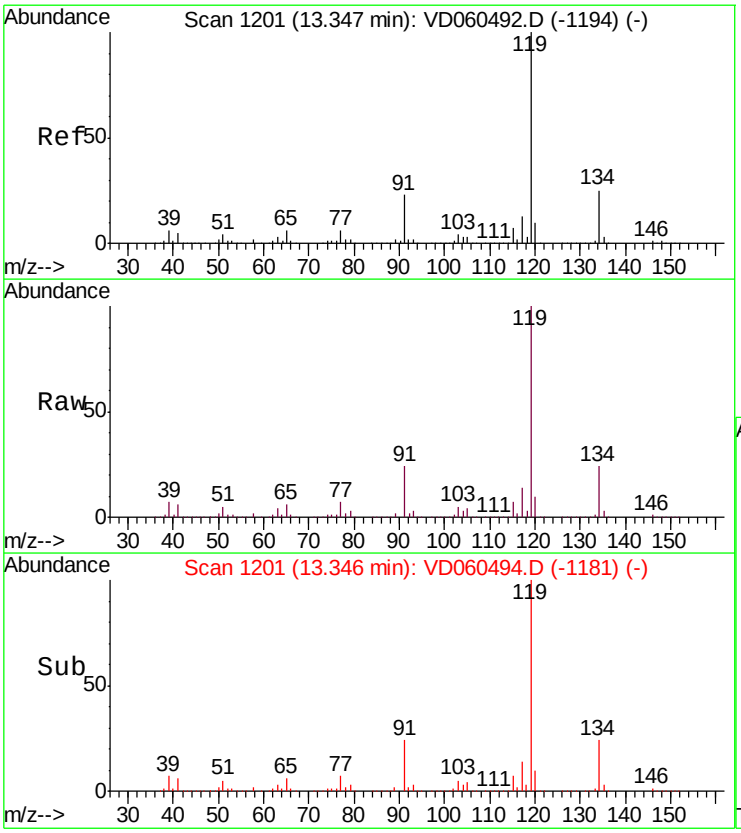

#85
sec-Butylbenzene
Concen: 85.199 ug/l
RT: 13.23 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion:105 Resp: 5880903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 17.4 | 7.9 | 23.7 |

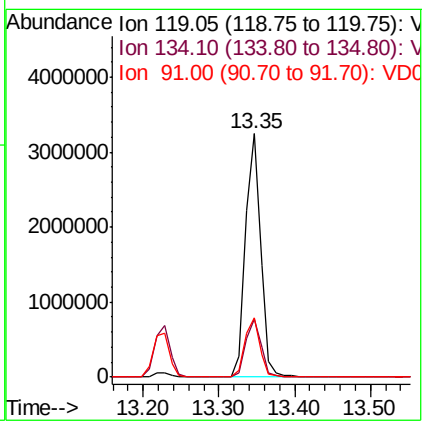


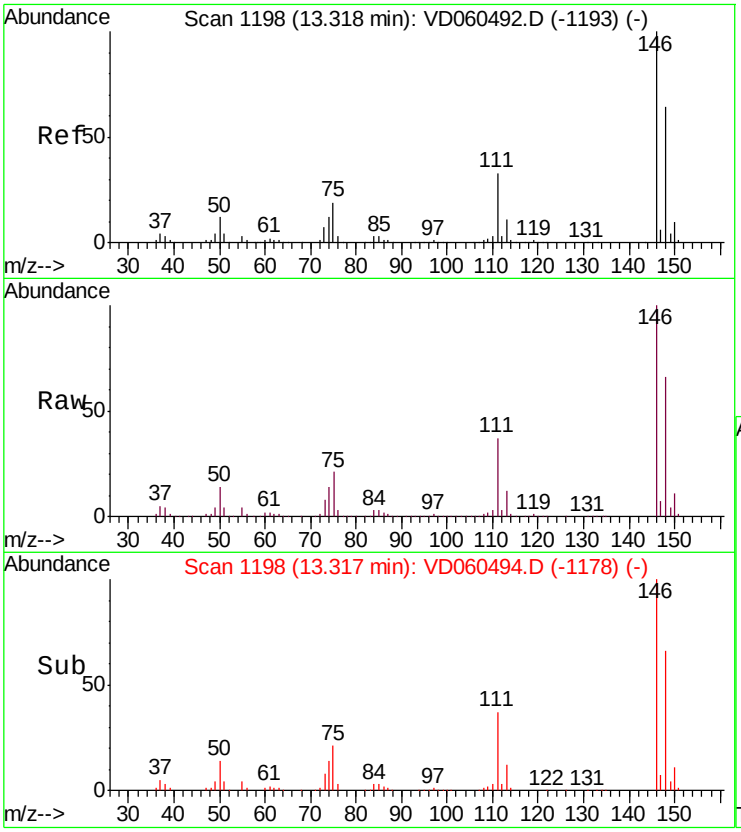




#86
p-Isopropyltoluene
Concen: 80.693 ug/l
RT: 13.35 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion:119 Resp: 4478587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 23.6 | 12.5 | 37.5 |
| 91 | 24.4 | 11.5 | 34.4 |



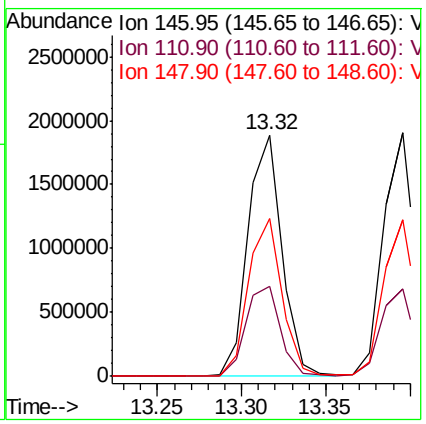


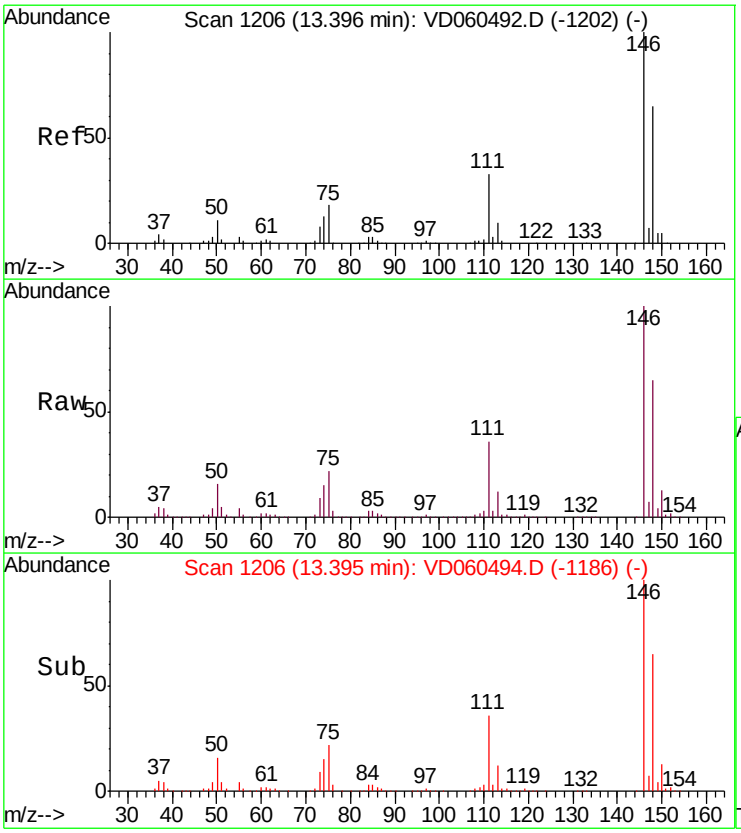

#87
1,3-Dichlorobenzene
Concen: 85.667 ug/l
RT: 13.32 min Scan# 1198
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion:146 Resp: 2652335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.1 | 16.5 | 49.5 |
| 148 | 65.5 | 32.3 | 96.8 |

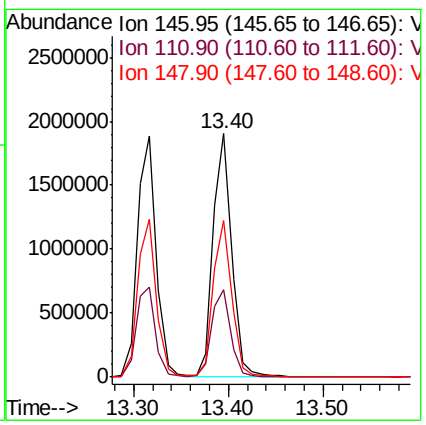


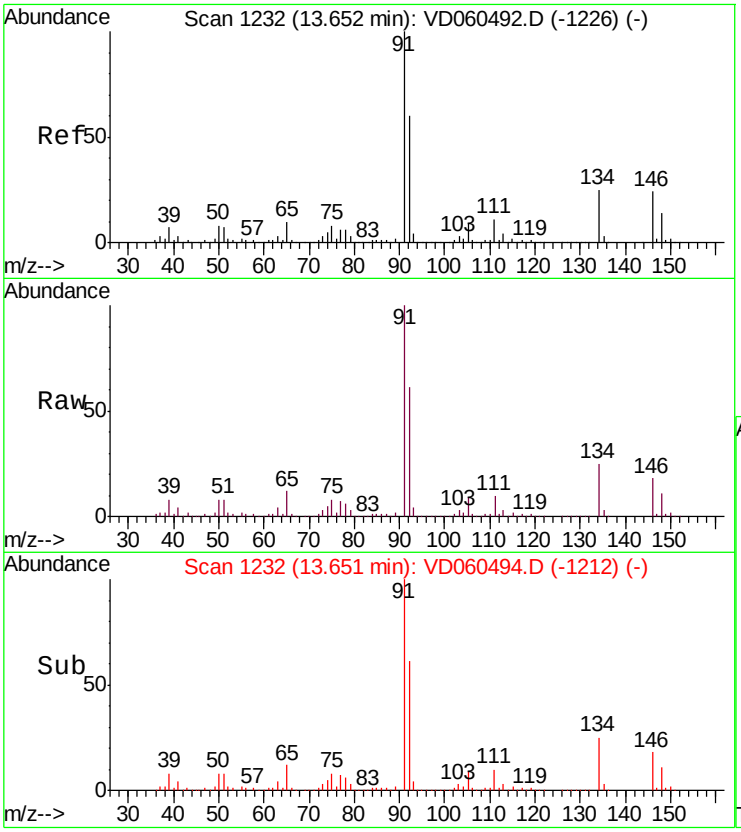




#88
1,4-Dichlorobenzene
Concen: 86.276 ug/l
RT: 13.40 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion:146 Resp: 2603669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 35.9 | 16.4 | 49.1 |
| 148 | 64.5 | 32.6 | 98.0 |



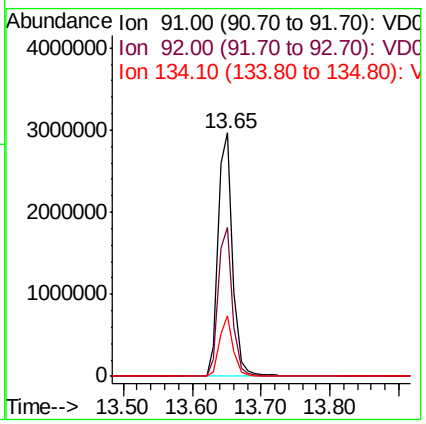


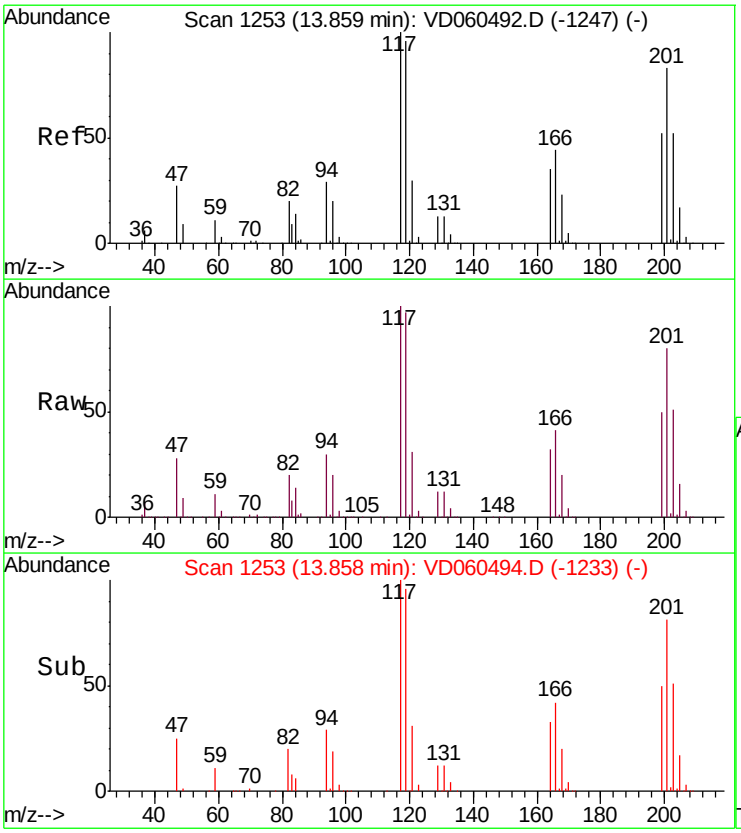

#89
n-Butylbenzene
Concen: 75.896 ug/l
RT: 13.65 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion: 91 Resp: 4310822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 61.1 | 30.0 | 90.1 |
| 134 | 24.9 | 12.5 | 37.5 |

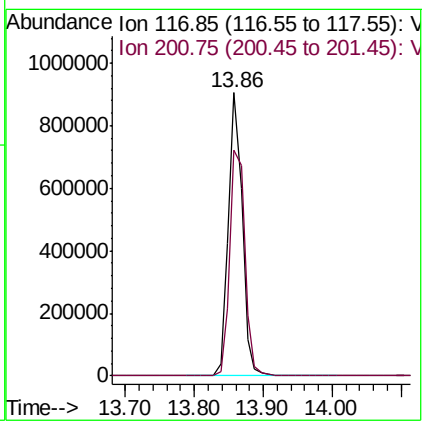


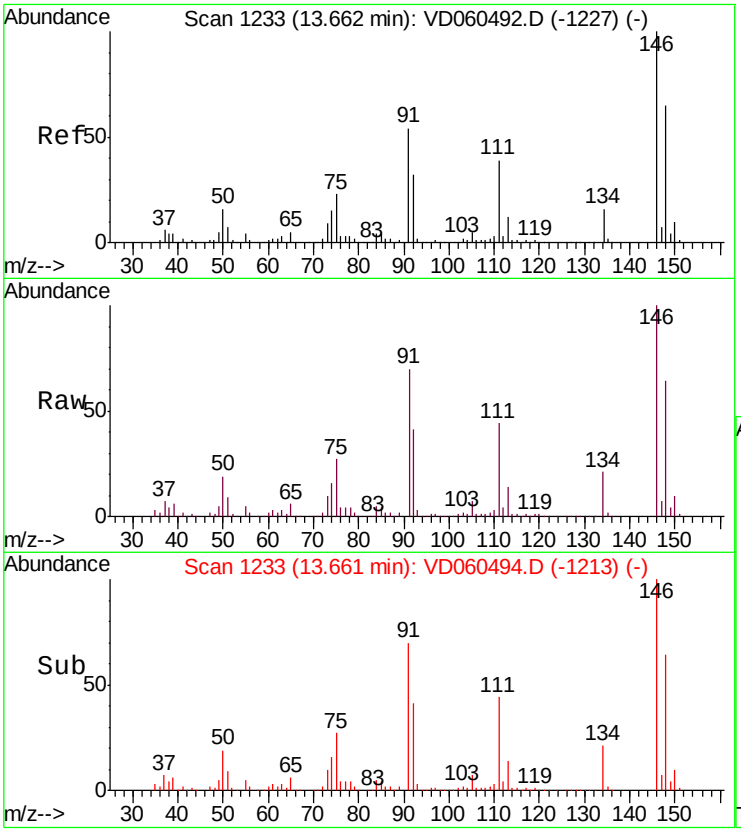




#90
Hexachloroethane
Concen: 94.558 ug/l
RT: 13.86 min Scan# 1253
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion:117 Resp: 1262560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 79.7 | 41.3 | 123.9 |



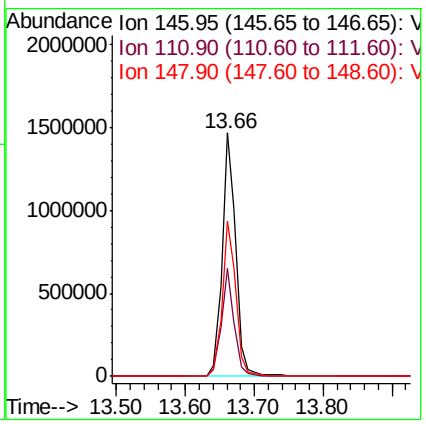


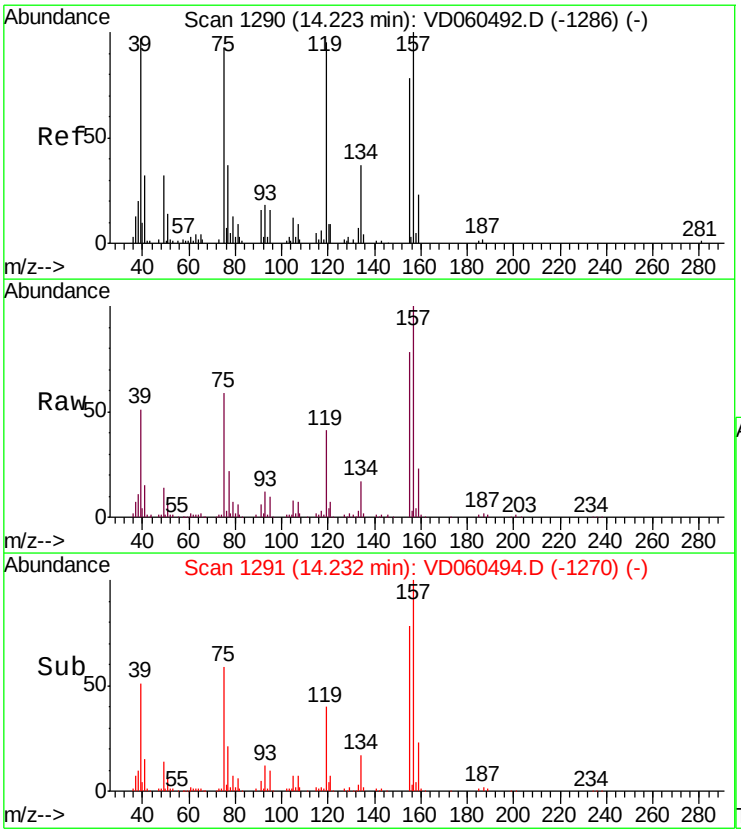

#91
1,2-Dichlorobenzene
Concen: 78.092 ug/l
RT: 13.66 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion:146 Resp: 1981813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.2 | 19.3 | 57.8 |
| 148 | 63.9 | 32.3 | 96.8 |

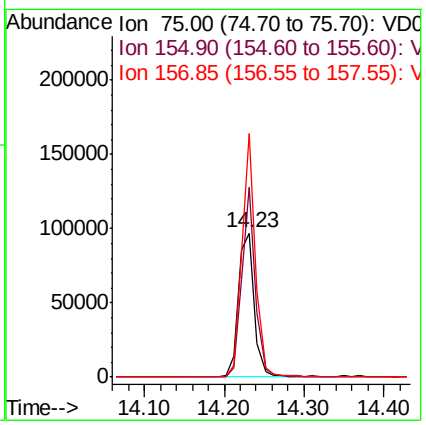


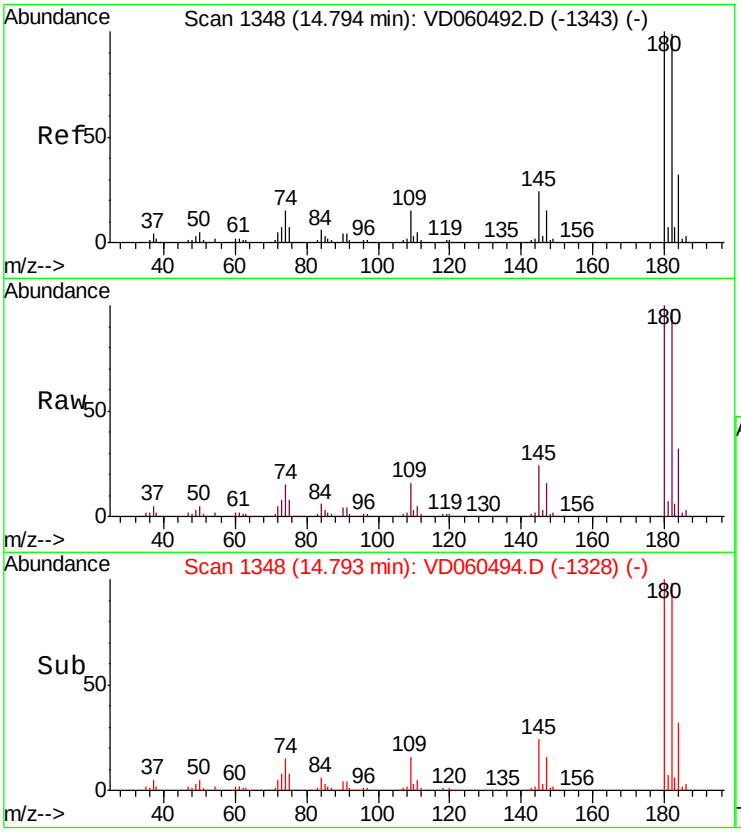




#92
1,2-Dibromo-3-Chloropropane
Concen: 106.926 ug/l
RT: 14.23 min Scan# 1291
Delta R.T. 0.01 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion: 75 Resp: 137217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 132.1 | 41.6 | 124.9# |
| 157 | 169.2 | 53.6 | 160.8# |



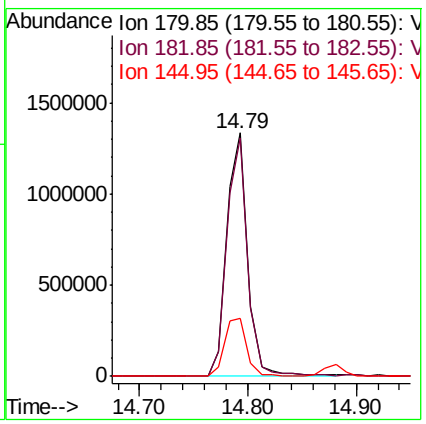


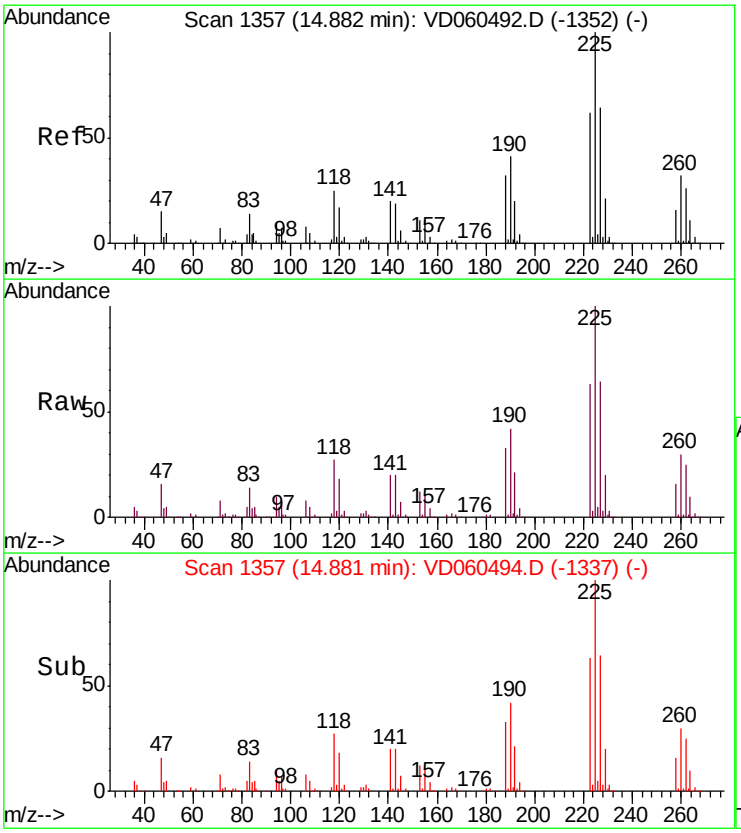

#93
1,2,4-Trichlorobenzene
Concen: 89.656 ug/l
RT: 14.79 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion:180 Resp: 1802293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.7 | 49.4 | 148.0 |
| 145 | 24.0 | 11.9 | 35.9 |

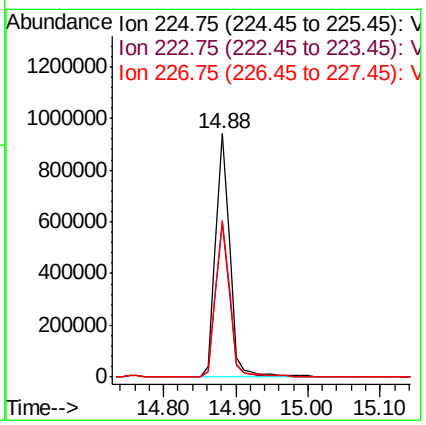


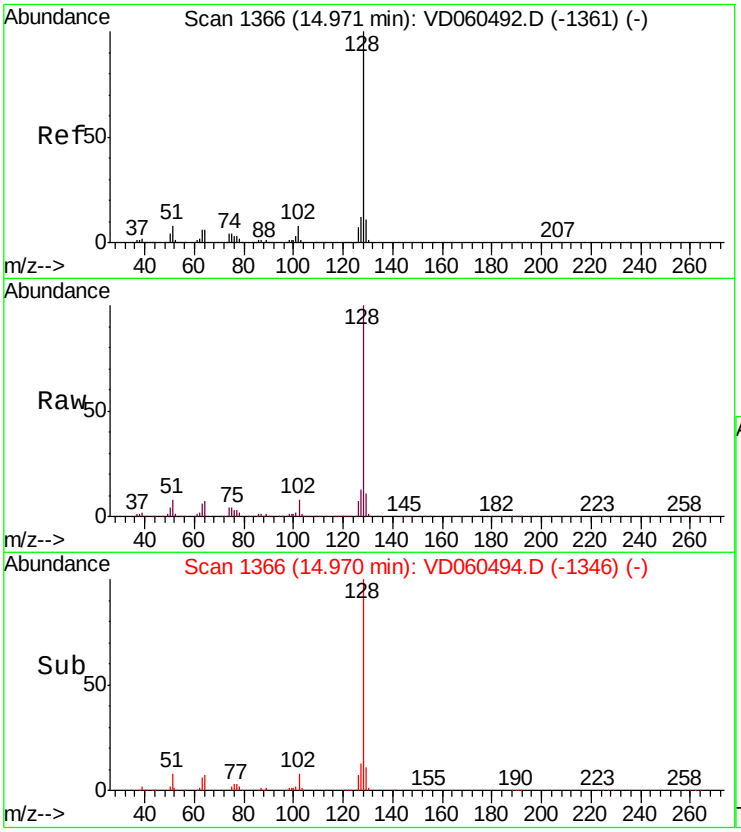




#94
Hexachlorobutadiene
Concen: 85.041 ug/l
RT: 14.88 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion:225 Resp: 1273362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 31.2 | 93.6 |
| 227 | 64.5 | 32.0 | 96.0 |



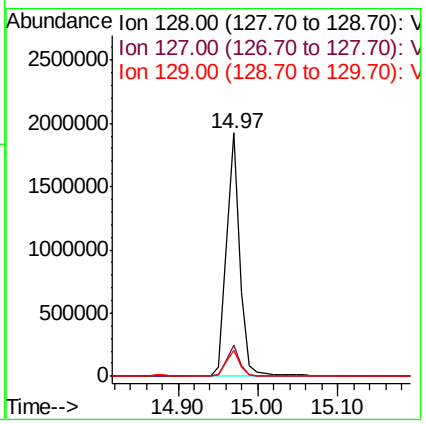


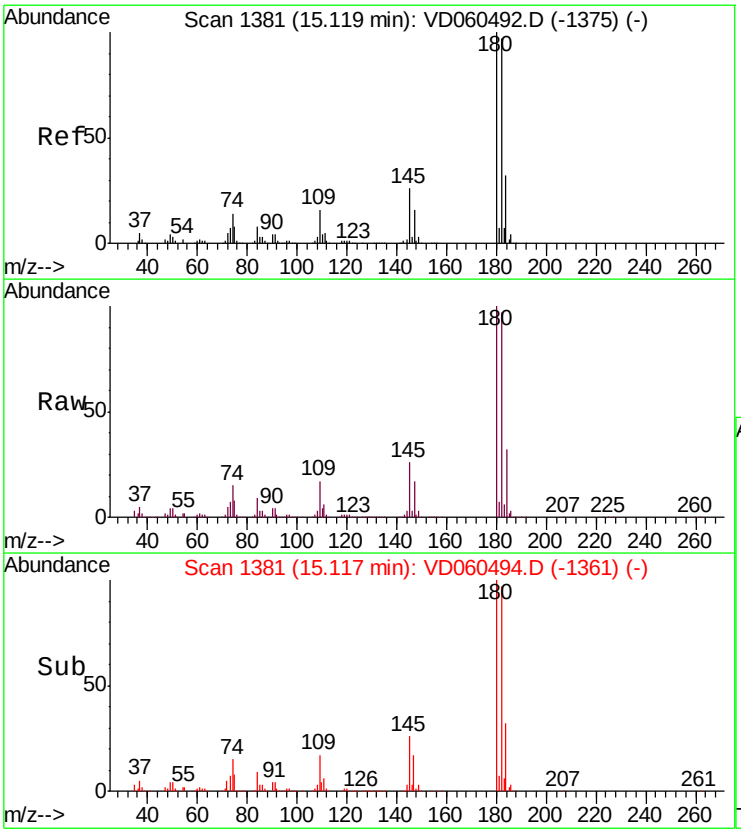

#95
Naphthalene
Concen: 93.840 ug/l
RT: 14.97 min Scan# 1366
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDICC100

Tgt Ion:128 Resp: 2315470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.6 | 9.8 | 14.8 |
| 129 | 10.8 | 8.6 | 13.0 |




#96
1,2,3-Trichlorobenzene
Concen: 93.478 ug/l
RT: 15.12 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VD060494.D
Acq: 5 Dec 2018 16:01

Tgt Ion:180 Resp: 1501678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.8 | 48.5 | 145.5 |
| 145 | 25.8 | 12.9 | 38.7 |