Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082718\
Data File : VD059910.D
Acq On : 27 Aug 2018 12:33
Operator : JC/SY
Sample : VD0827SBS01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Aug 27 14:50:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 6.39 | 168 | 1233376 | 50.00 | ug/l | -0.02 |
| 34) 1,4-Difluorobenzene | 7.43 | 114 | 1719739 | 50.00 | ug/l | -0.02 |
| 63) Chlorobenzene-d5 | 11.27 | 117 | 1436052 | 50.00 | ug/l | -0.02 |
| 72) 1,4-Dichlorobenzene-d4 | 13.37 | 152 | 785120 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.77 | 65 | 534365 | 51.40 | ug/l | -0.03 |
| Spiked Amount 50.000 | | | Recovery = 102.80% | | | |
| 35) Dibromofluoromethane | 6.30 | 113 | 695027 | 51.55 | ug/l | -0.03 |
| Spiked Amount 50.000 | | | Recovery = 103.10% | | | |
| 50) Toluene-d8 | 9.44 | 98 | 1884886 | 50.37 | ug/l | -0.02 |
| Spiked Amount 50.000 | | | Recovery = 100.74% | | | |
| 62) 4-Bromofluorobenzene | 12.42 | 95 | 761204 | 50.09 | ug/l | -0.02 |
| Spiked Amount 50.000 | | | Recovery = 100.18% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.57 | 85 | 193339 | 17.536 | ug/l | 92 |
| 3) Chloromethane | 1.74 | 50 | 176829 | 17.705 | ug/l | 99 |
| 4) Vinyl Chloride | 1.84 | 62 | 141543 | 18.074 | ug/l | 98 |
| 5) Bromomethane | 2.11 | 94 | 13275 | 9.818 | ug/l # | 66 |
| 6) Chloroethane | 2.23 | 64 | 33815 | 11.910 | ug/l | 96 |
| 7) Trichlorofluoromethane | 2.48 | 101 | 163206 | 18.014 | ug/l | 94 |
| 8) Diethyl Ether | 2.81 | 74 | 39404 | 19.386 | ug/l | 82 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.07 | 101 | 112521 | 20.279 | ug/l | 98 |
| 10) Methyl Iodide | 3.21 | 142 | 78699 | 15.857 | ug/l | 98 |
| 11) Tert butyl alcohol | 3.96 | 59 | 83099 | 104.764 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 3.05 | 96 | 85479 | 19.789 | ug/l | 93 |
| 13) Acrolein | 2.97 | 56 | 30402 | 88.371 | ug/l | 100 |
| 14) Allyl chloride | 3.51 | 41 | 188756 | 19.316 | ug/l | 98 |
| 15) Acrylonitrile | 4.06 | 53 | 294940 | 99.295 | ug/l | 99 |
| 16) Acetone | 3.15 | 43 | 173310 | 91.508 | ug/l | 99 |
| 17) Carbon Disulfide | 3.28 | 76 | 204554 | 15.257 | ug/l | 98 |
| 18) Methyl Acetate | 3.53 | 43 | 70186 | 17.752 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 4.10 | 73 | 477864 | 19.556 | ug/l | 97 |
| 20) Methylene Chloride | 3.70 | 84 | 270576 | 19.105 | ug/l | 96 |
| 21) trans-1,2-Dichloroethene | 4.07 | 96 | 211992 | 17.813 | ug/l | 100 |
| 22) Diisopropyl ether | 4.84 | 45 | 985212 | 19.769 | ug/l | 98 |
| 23) Vinyl Acetate | 4.78 | 43 | 2879238 | 103.350 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 4.73 | 63 | 411236 | 19.101 | ug/l | 99 |
| 25) 2-Butanone | 5.61 | 43 | 486534 | 86.738 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 5.57 | 77 | 342748 | 19.043 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 5.58 | 96 | 252375 | 19.368 | ug/l | 97 |
| 28) Bromochloromethane | 5.90 | 49 | 211264 | 20.474 | ug/l | 98 |
| 29) Tetrahydrofuran | 5.94 | 42 | 272133 | 101.906 | ug/l | 99 |
| 30) Chloroform | 6.08 | 83 | 438852 | 20.057 | ug/l | 98 |
| 31) Cyclohexane | 6.34 | 56 | 333785 | 16.864 | ug/l | 98 |
| 32) 1,1,1-Trichloroethane | 6.28 | 97 | 358909 | 19.327 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 6.50 | 75 | 292560 | 18.766 | ug/l | 95 |
| 37) Ethyl Acetate | 5.67 | 43 | 244401 | 20.147 | ug/l | 98 |
| 38) Carbon Tetrachloride | 6.48 | 117 | 294772 | 18.736 | ug/l | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082718\
Data File : VD059910.D
Acq On : 27 Aug 2018 12:33
Operator : JC/SY
Sample : VD0827SBS01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Aug 27 14:50:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 8.03 | 83 | 299405 | 17.776 | ug/l | | 99 |
| 40) Benzene | 6.78 | 78 | 775153 | 19.123 | ug/l | | 100 |
| 41) Methacrylonitrile | 5.93 | 41 | 271875 | 44.491 | ug/l | # | 81 |
| 42) 1,2-Dichloroethane | 6.88 | 62 | 257810 | 19.812 | ug/l | | 99 |
| 43) Isopropyl Acetate | 8.33 | 43 | 311486 | 19.737 | ug/l | # | 98 |
| 44) Trichloroethene | 7.72 | 130 | 229526 | 19.231 | ug/l | | 100 |
| 45) 1,2-Dichloropropane | 8.09 | 63 | 216080 | 19.071 | ug/l | | 99 |
| 46) Dibromomethane | 8.20 | 93 | 141874 | 19.474 | ug/l | | 97 |
| 47) Bromodichloromethane | 8.48 | 83 | 326372 | 19.789 | ug/l | | 100 |
| 48) Methyl methacrylate | 8.23 | 41 | 179728 | 19.536 | ug/l | | 98 |
| 49) 1,4-Dioxane | 8.22 | 88 | 32644 | 397.439 | ug/l | | 94 |
| 51) 4-Methyl-2-Pentanone | 9.33 | 43 | 1043421 | 88.682 | ug/l | | 98 |
| 52) Toluene | 9.53 | 92 | 511045 | 19.661 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 9.91 | 75 | 304150 | 19.938 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 9.09 | 75 | 344986 | 19.505 | ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 10.17 | 97 | 185547 | 19.529 | ug/l | | 98 |
| 56) Ethyl methacrylate | 10.02 | 69 | 212692 | 19.397 | ug/l | | 98 |
| 57) 1,3-Dichloropropane | 10.37 | 76 | 277453 | 20.176 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.91 | 63 | 586375 | 111.471 | ug/l | | 98 |
| 59) 2-Hexanone | 10.48 | 43 | 787436 | 90.736 | ug/l | | 98 |
| 60) Dibromochloromethane | 10.63 | 129 | 236493 | 19.803 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 10.75 | 107 | 186889 | 19.453 | ug/l | | 94 |
| 64) Tetrachloroethene | 10.24 | 164 | 211552 | 19.052 | ug/l | | 99 |
| 65) Chlorobenzene | 11.30 | 112 | 565869 | 19.829 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 11.41 | 131 | 215301 | 20.651 | ug/l | | 100 |
| 67) Ethyl Benzene | 11.42 | 91 | 992425 | 20.672 | ug/l | | 100 |
| 68) m/p-Xylenes | 11.56 | 106 | 732911 | 41.929 | ug/l | | 98 |
| 69) o-Xylene | 11.92 | 106 | 343784 | 20.109 | ug/l | | 93 |
| 70) Styrene | 11.95 | 104 | 597892 | 20.197 | ug/l | | 100 |
| 71) Bromoform | 12.11 | 173 | 175399 | 19.444 | ug/l | | 97 |
| 73) Isopropylbenzene | 12.27 | 105 | 954143 | 19.038 | ug/l | | 99 |
| 74) N-amyl acetate | 12.13 | 43 | 418458 | 19.069 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 12.55 | 83 | 226199 | 19.512 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 12.59 | 75 | 240876 | 19.740 | ug/l | | 100 |
| 77) Bromobenzene | 12.53 | 156 | 274504 | 19.755 | ug/l | | 93 |
| 78) n-propylbenzene | 12.63 | 91 | 1253174 | 19.747 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.70 | 91 | 702910 | 19.585 | ug/l | | 96 |
| 80) 1,3,5-Trimethylbenzene | 12.79 | 105 | 778015 | 19.526 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.34 | 75 | 67365 | 17.747 | ug/l | | 99 |
| 82) 4-Chlorotoluene | 12.80 | 91 | 794449 | 19.407 | ug/l | | 91 |
| 83) tert-Butylbenzene | 13.05 | 119 | 872932 | 19.232 | ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 13.08 | 105 | 817384 | 19.681 | ug/l | | 99 |
| 85) sec-Butylbenzene | 13.21 | 105 | 1058867 | 19.837 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.34 | 119 | 855151 | 19.699 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.30 | 146 | 490144 | 19.758 | ug/l | | 95 |
| 88) 1,4-Dichlorobenzene | 13.39 | 146 | 498354 | 20.135 | ug/l | | 98 |
| 89) n-Butylbenzene | 13.65 | 91 | 927133 | 19.692 | ug/l | | 98 |
| 90) Hexachloroethane | 13.85 | 117 | 205693 | 17.646 | ug/l | | 95 |
| 91) 1,2-Dichlorobenzene | 13.66 | 146 | 444971 | 21.095 | ug/l | | 96 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.23 | 75 | 31926 | 17.912 | ug/l | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082718\
Data File : VD059910.D
Acq On : 27 Aug 2018 12:33
Operator : JC/SY
Sample : VD0827SBS01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Aug 27 14:50:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.79 | 180 | 348451 | 19.293 ug/l | 98 |
| 94) Hexachlorobutadiene | 14.88 | 225 | 235138 | 19.861 ug/l | 99 |
| 95) Naphthalene | 14.96 | 128 | 543353 | 19.687 ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.11 | 180 | 304442 | 19.709 ug/l | 97 |

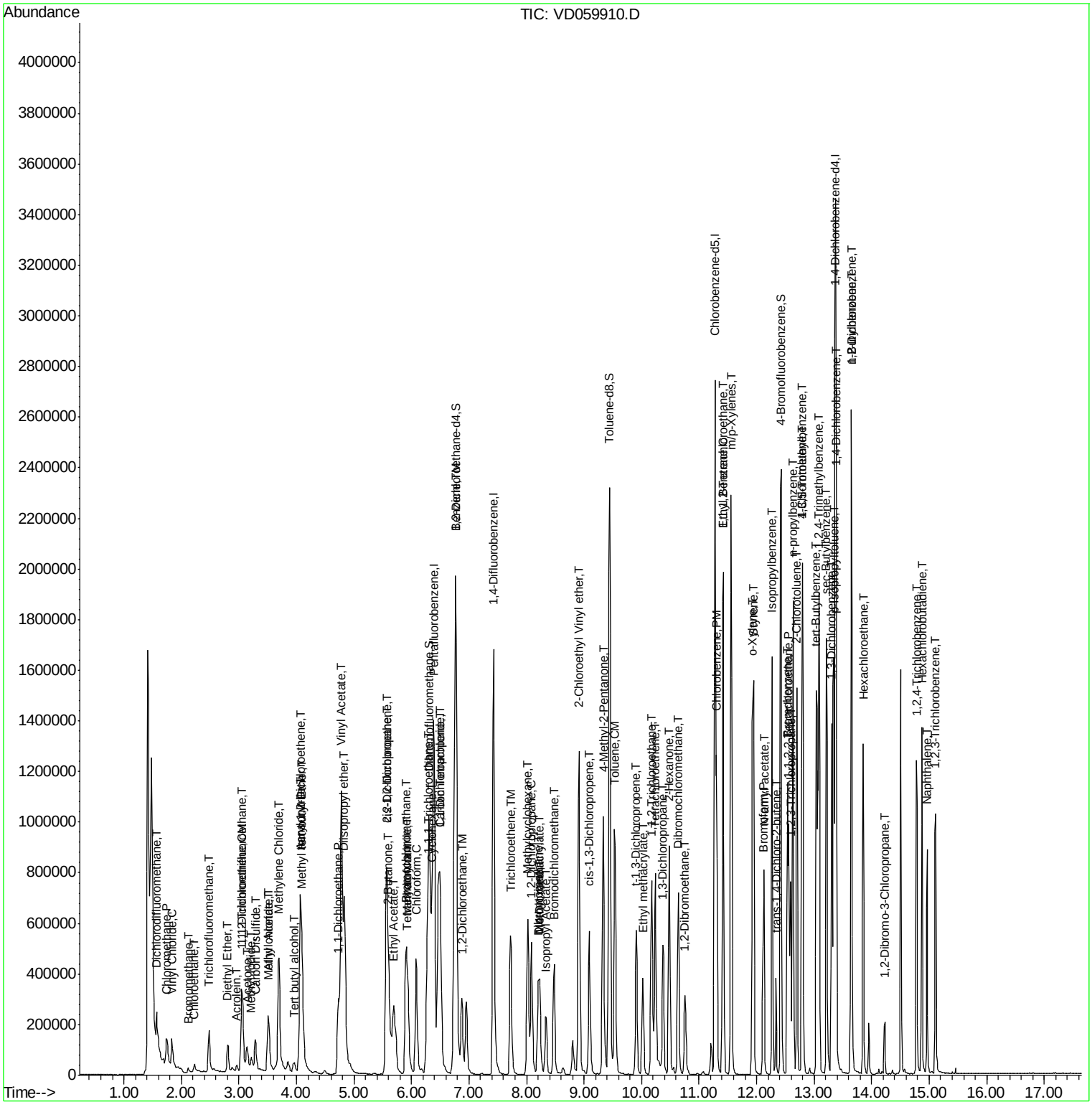
(#) = qualifier out of range (m) = manual integration (+) = signals summed

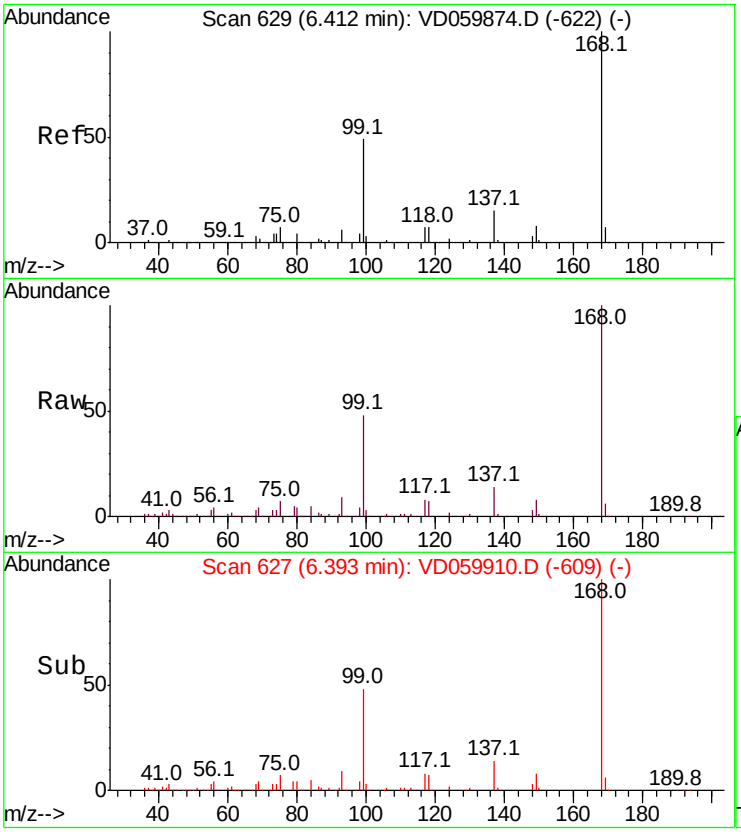
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082718\
Data File : VD059910.D
Acq On : 27 Aug 2018 12:33
Operator : JC/SY
Sample : VD0827SBS01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Aug 27 14:50:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration



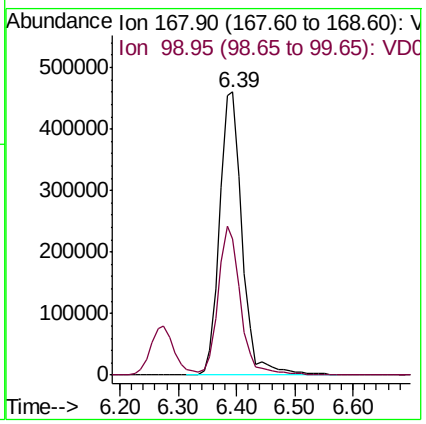


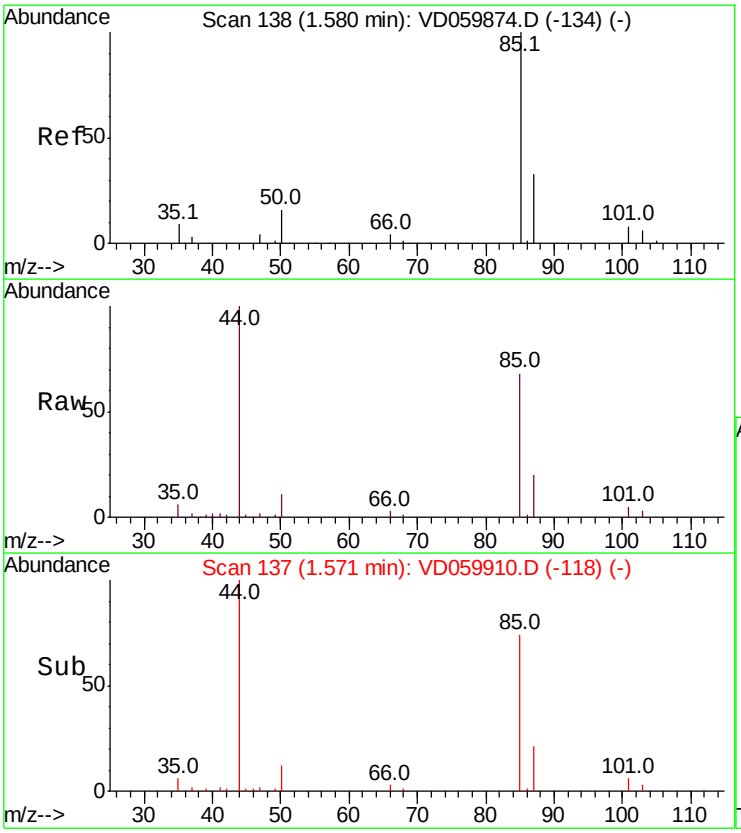

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.39 min Scan# 627
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion:168 Resp: 1233376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.1 | 42.2 | 63.2 |

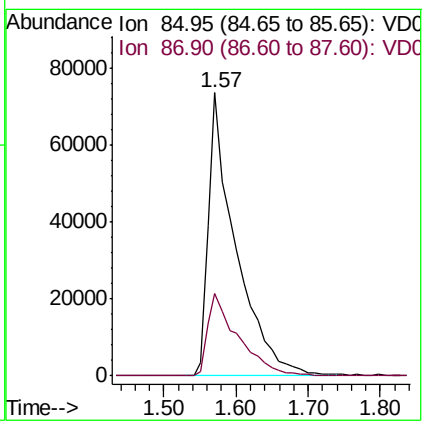


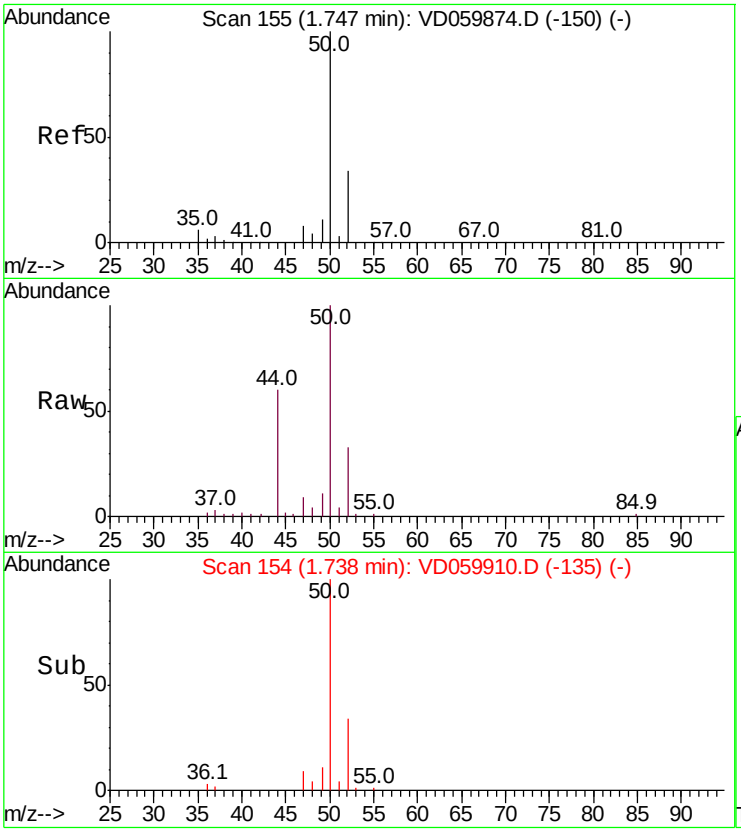




#2
Dichlorodifluoromethane
Concen: 17.536 ug/l
RT: 1.57 min Scan# 137
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 85 Resp: 193339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 29.0 | 16.8 | 50.3 |



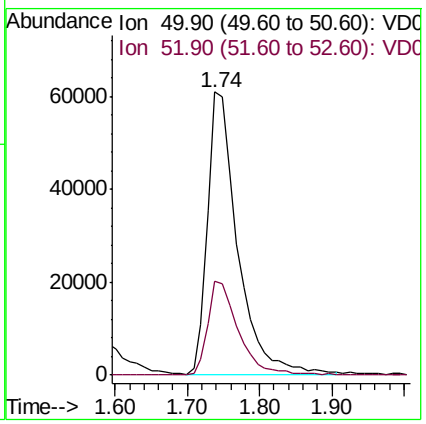


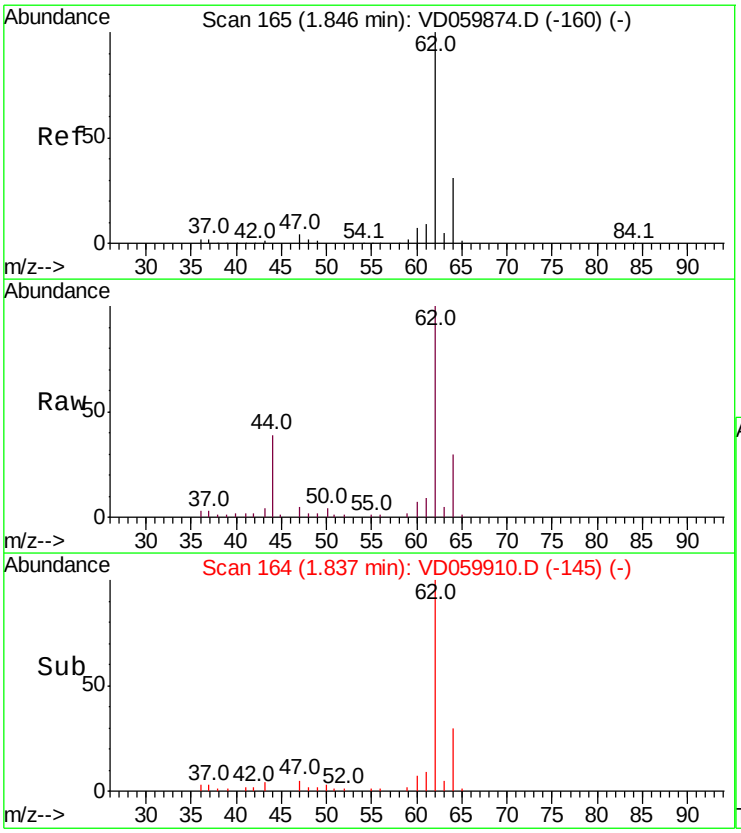

#3
Chloromethane
Concen: 17.705 ug/l
RT: 1.74 min Scan# 154
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 50 Resp: 176829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.1 | 27.0 | 40.6 |

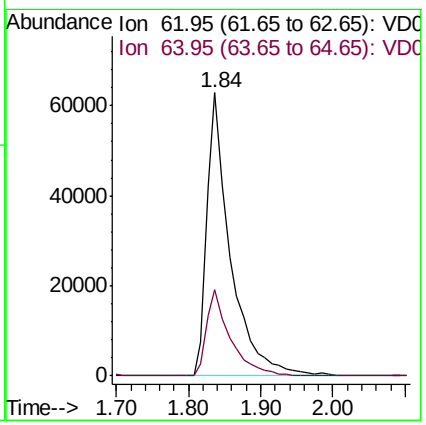


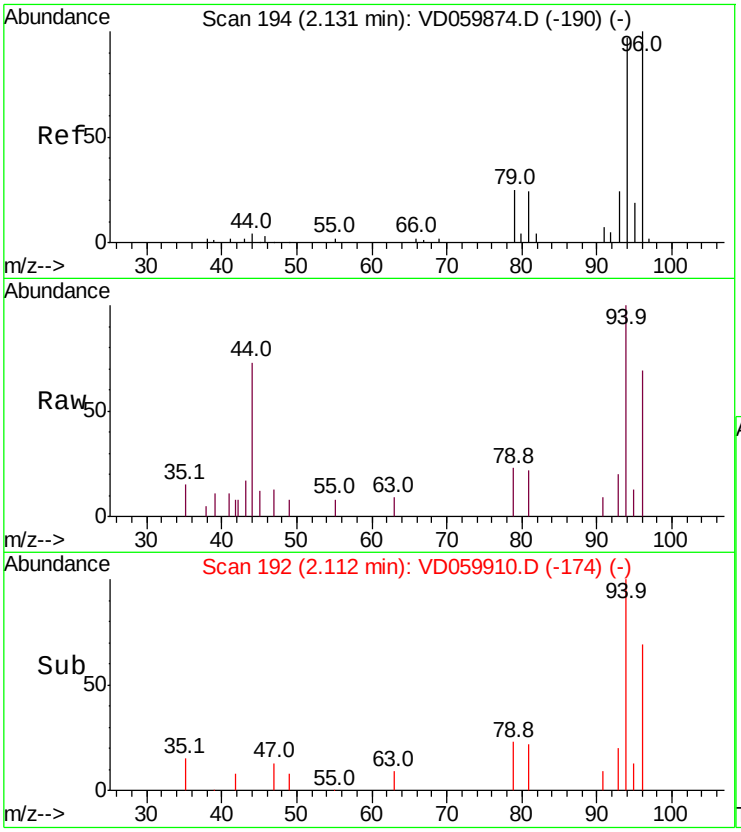




#4
Vinyl Chloride
Concen: 18.074 ug/l
RT: 1.84 min Scan# 164
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 62 Resp: 141543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.4 | 25.0 | 37.6 |



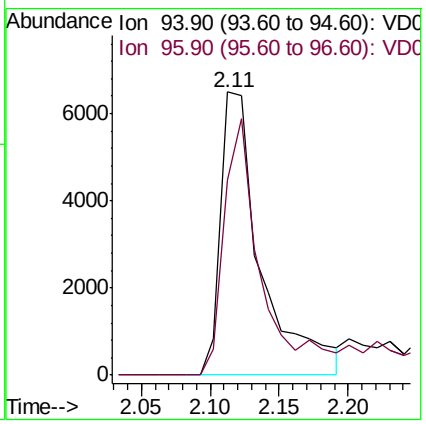


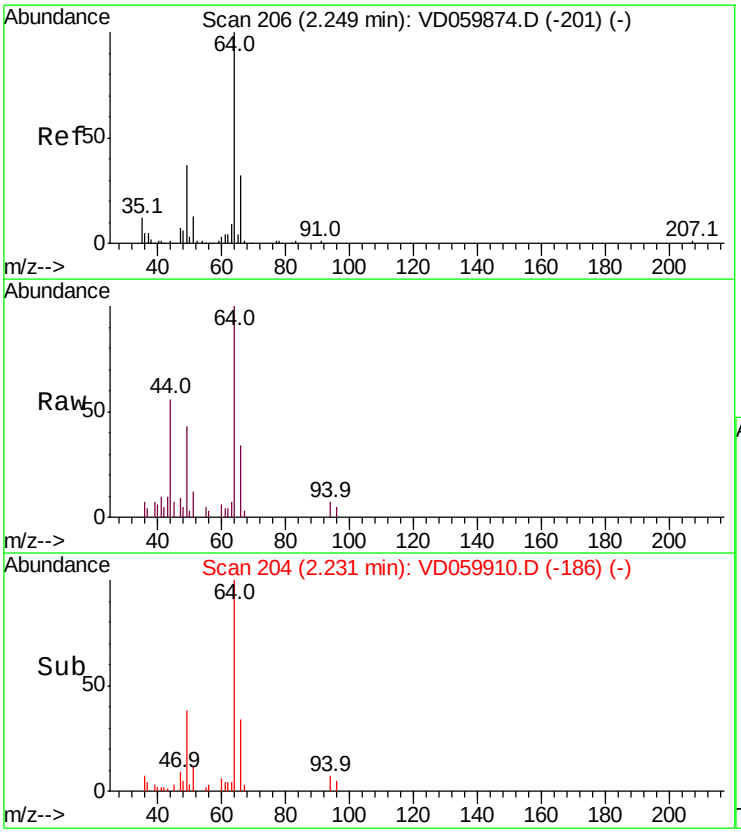

#5
Bromomethane
Concen: 9.818 ug/l
RT: 2.11 min Scan# 192
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 94 Resp: 13275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 68.9 | 82.4 | 123.6# |

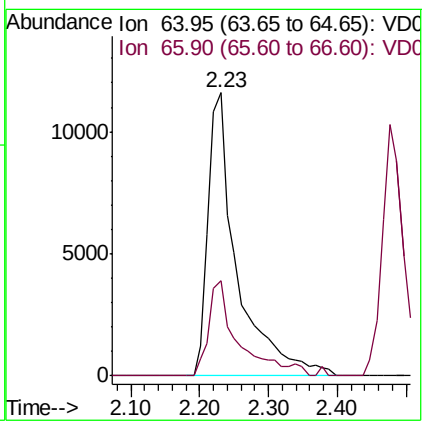


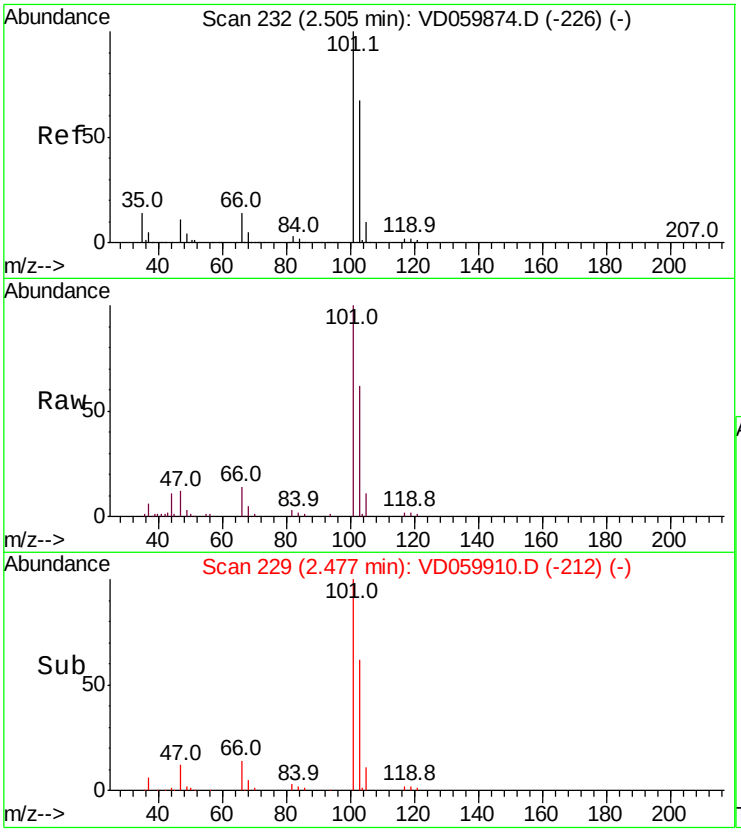




#6
Chloroethane
Concen: 11.910 ug/l
RT: 2.23 min Scan# 204
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 64 Resp: 33815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.6 | 25.3 | 37.9 |



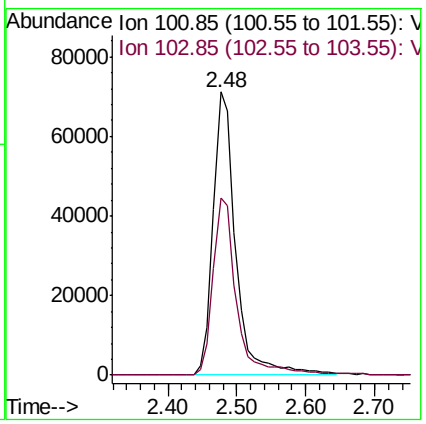


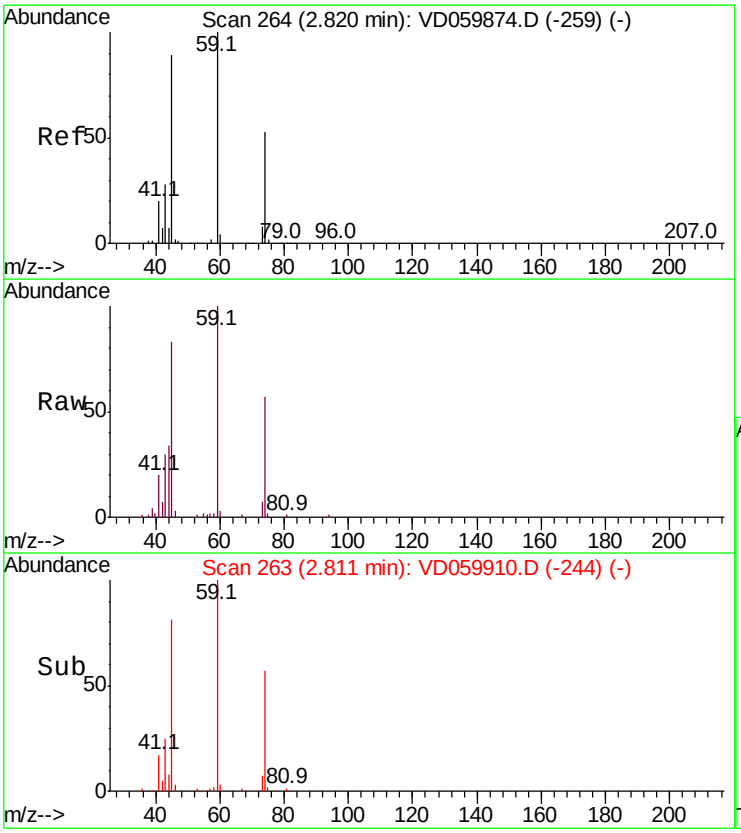

#7
Trichlorofluoromethane
Concen: 18.014 ug/l
RT: 2.48 min Scan# 229
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion:101 Resp: 163206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.4 | 53.7 | 80.5 |

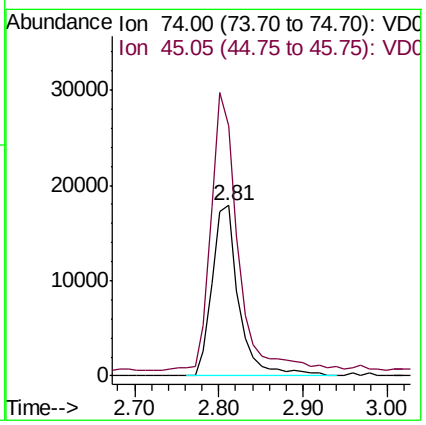


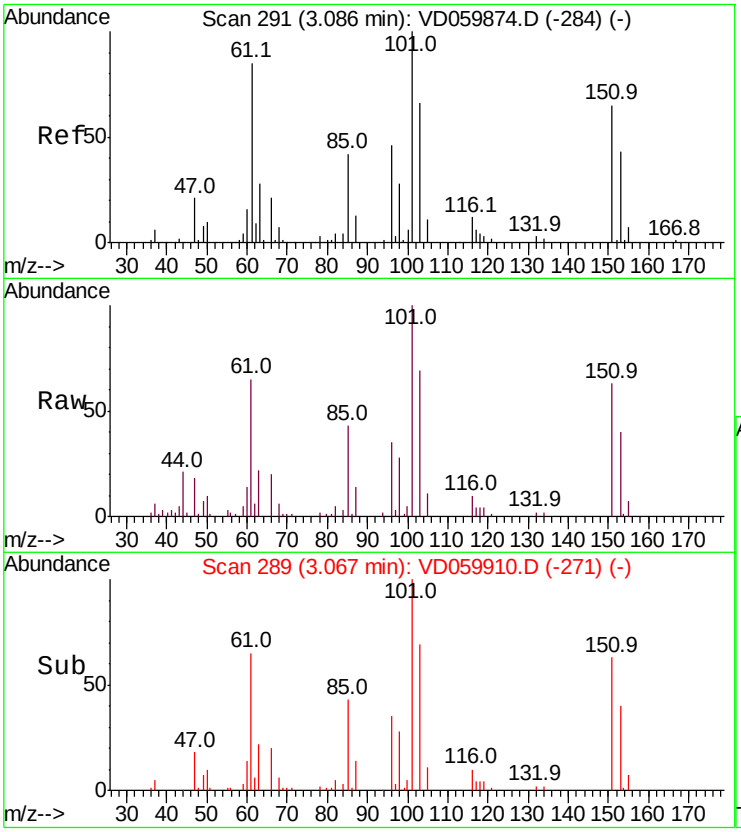




#8
Diethyl Ether
Concen: 19.386 ug/l
RT: 2.81 min Scan# 263
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 74 Resp: 39404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 146.5 | 85.7 | 257.1 |



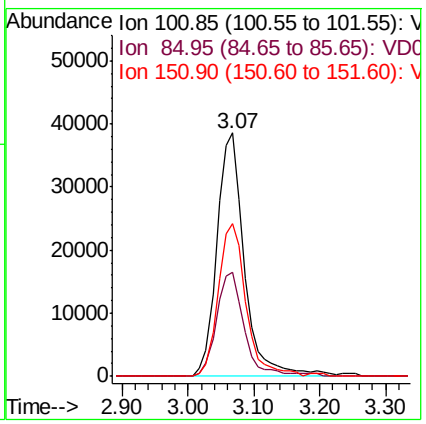


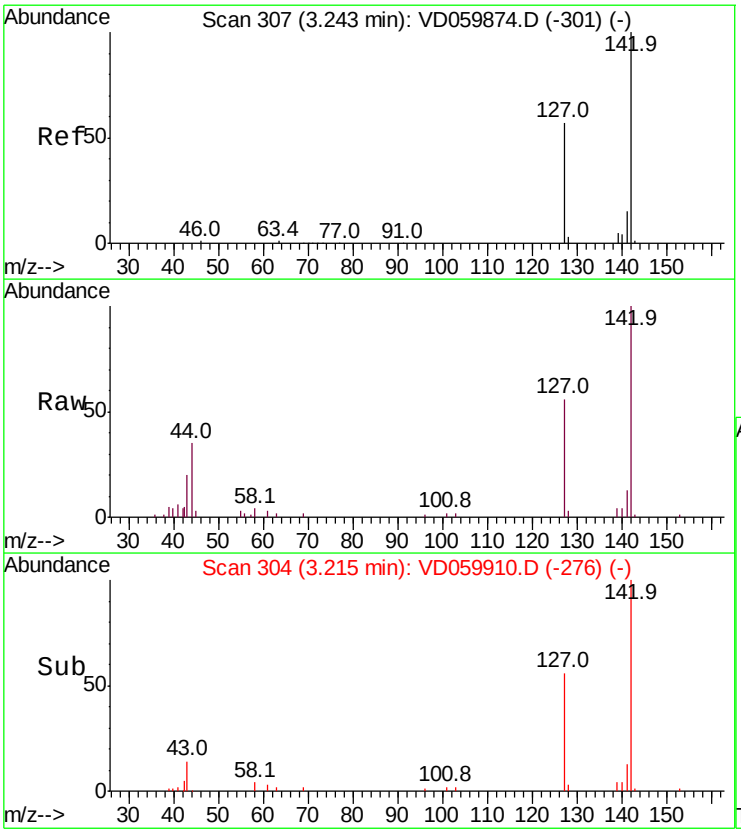

#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.279 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion:101 Resp: 112521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.9 | 33.6 | 50.4 |
| 151 | 62.9 | 52.0 | 78.0 |

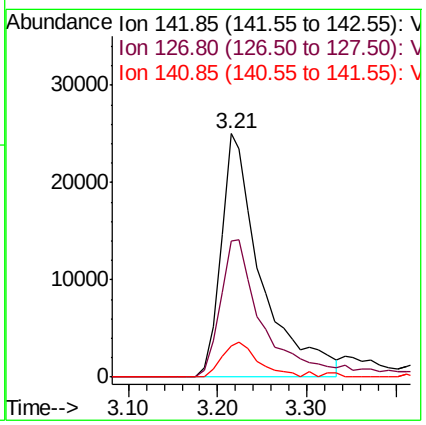


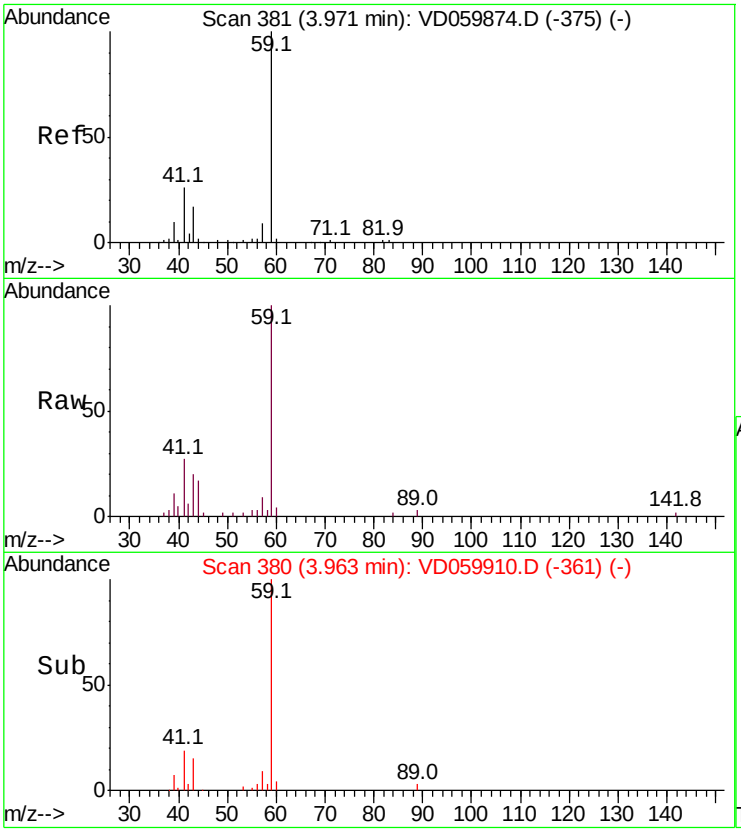




#10
Methyl Iodide
Concen: 15.857 ug/l
RT: 3.21 min Scan# 304
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion:142 Resp: 78699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 55.7 | 45.8 | 68.6 |
| 141 | 13.0 | 11.6 | 17.4 |



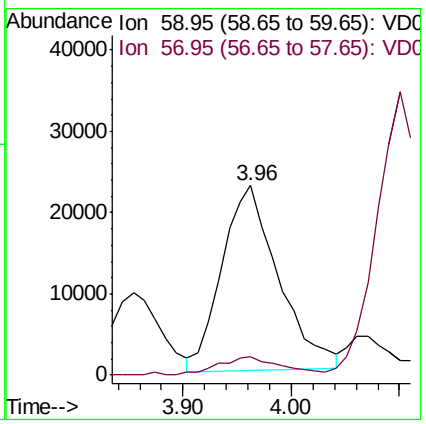


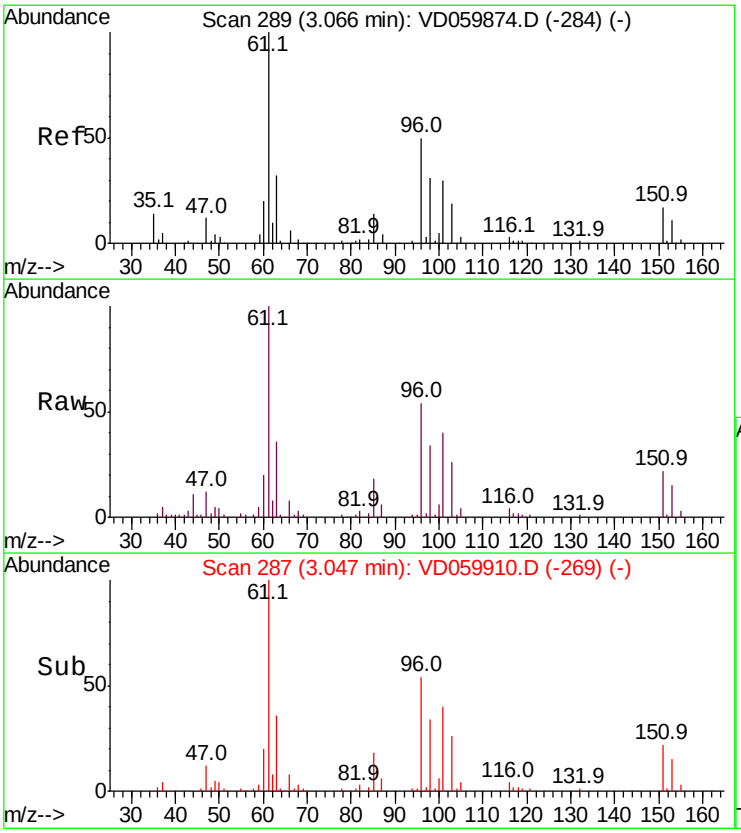

#11
Tert butyl alcohol
Concen: 104.764 ug/l
RT: 3.96 min Scan# 380
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 59 Resp: 83099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.4 | 7.4 | 11.0 |

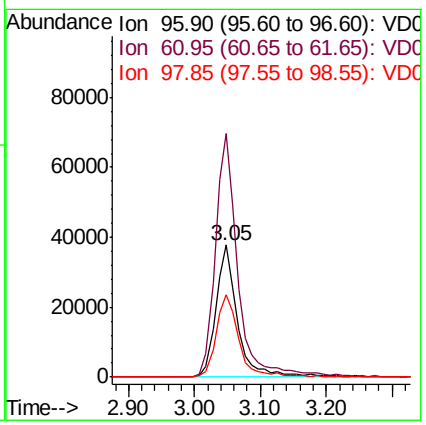


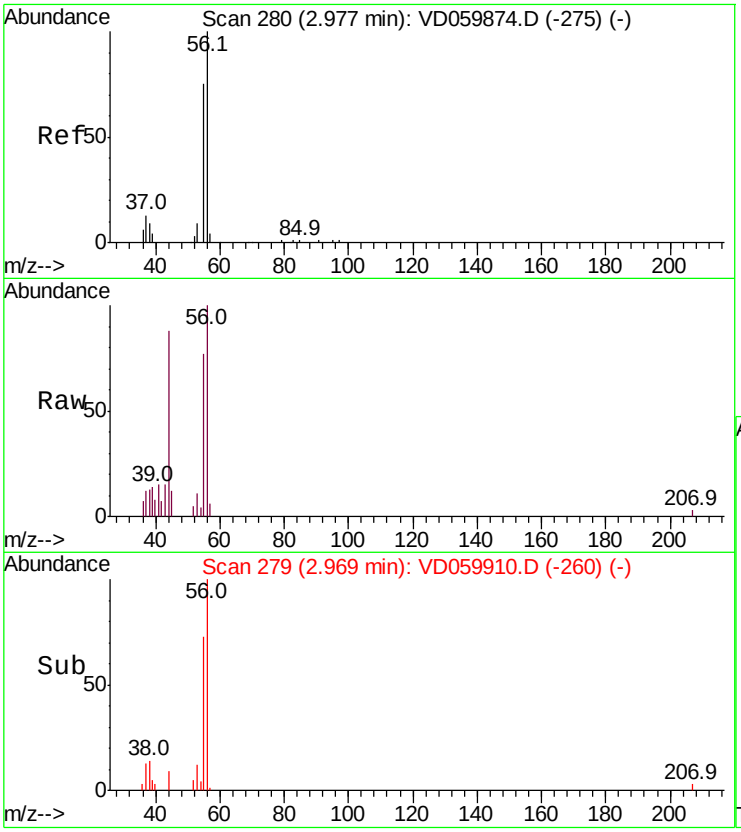




#12
1,1-Dichloroethene
Concen: 19.789 ug/l
RT: 3.05 min Scan# 287
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 96 Resp: 85479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 184.7 | 158.8 | 238.2 |
| 98 | 62.0 | 48.7 | 73.1 |



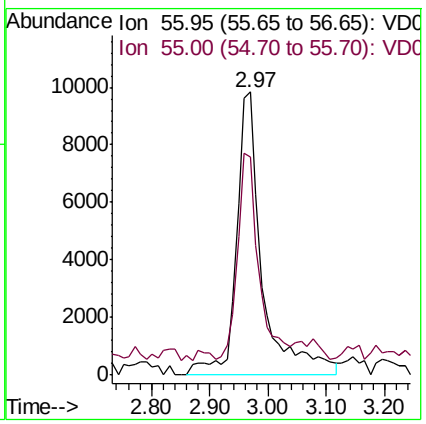


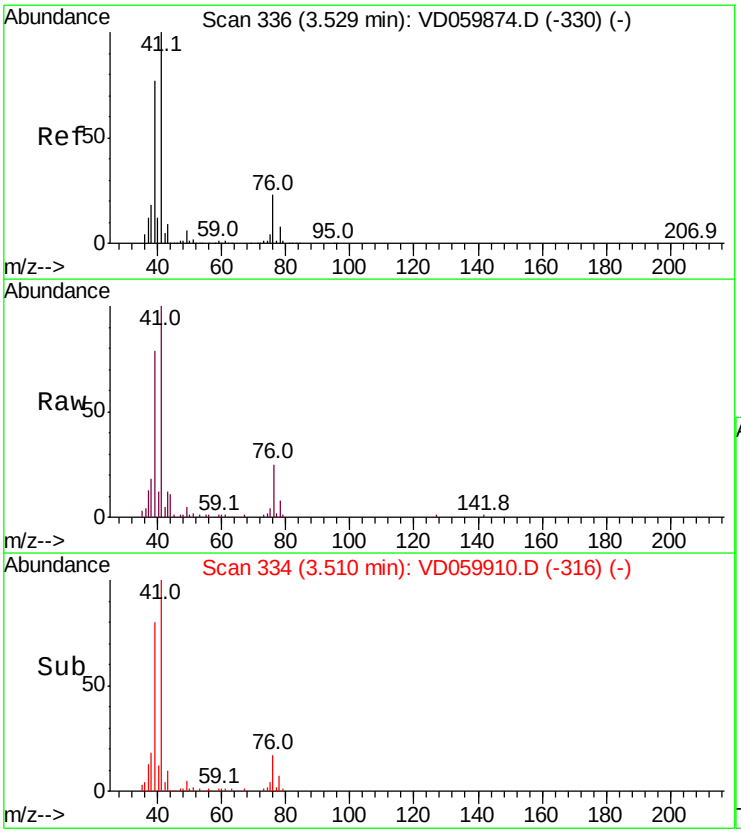

#13
Acrolein
Concen: 88.371 ug/l
RT: 2.97 min Scan# 279
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 56 Resp: 30402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 77.0 | 61.9 | 92.9 |

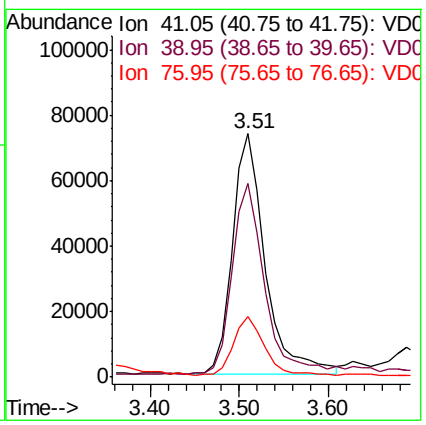


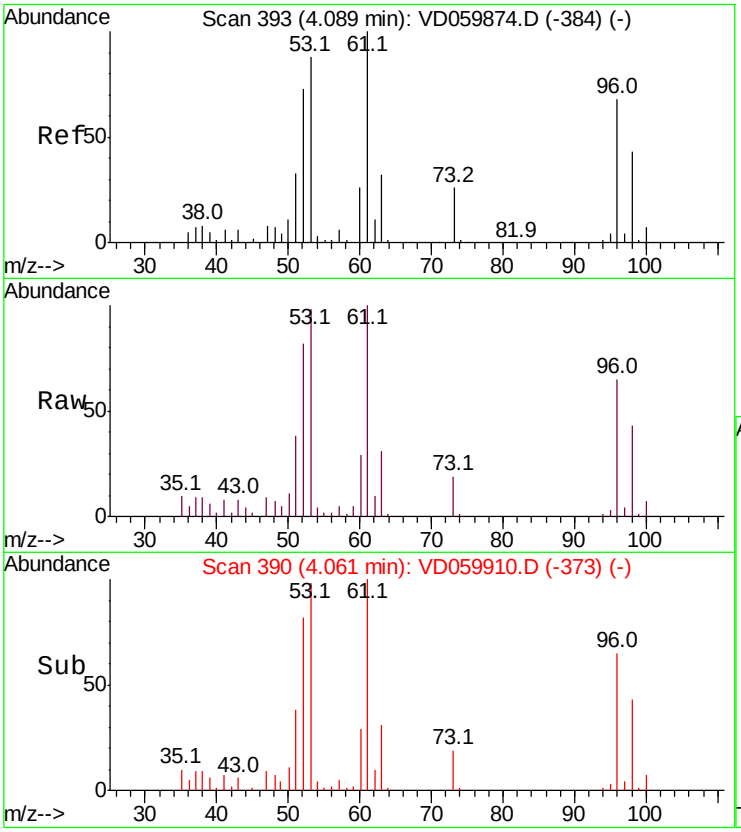




#14
Allyl chloride
Concen: 19.316 ug/l
RT: 3.51 min Scan# 334
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 41 Resp: 188756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 79.4 | 61.8 | 92.6 |
| 76 | 25.0 | 19.4 | 29.2 |



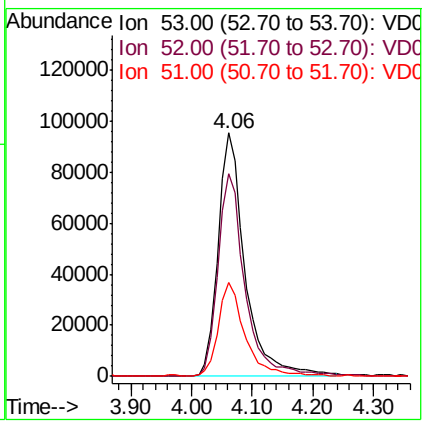


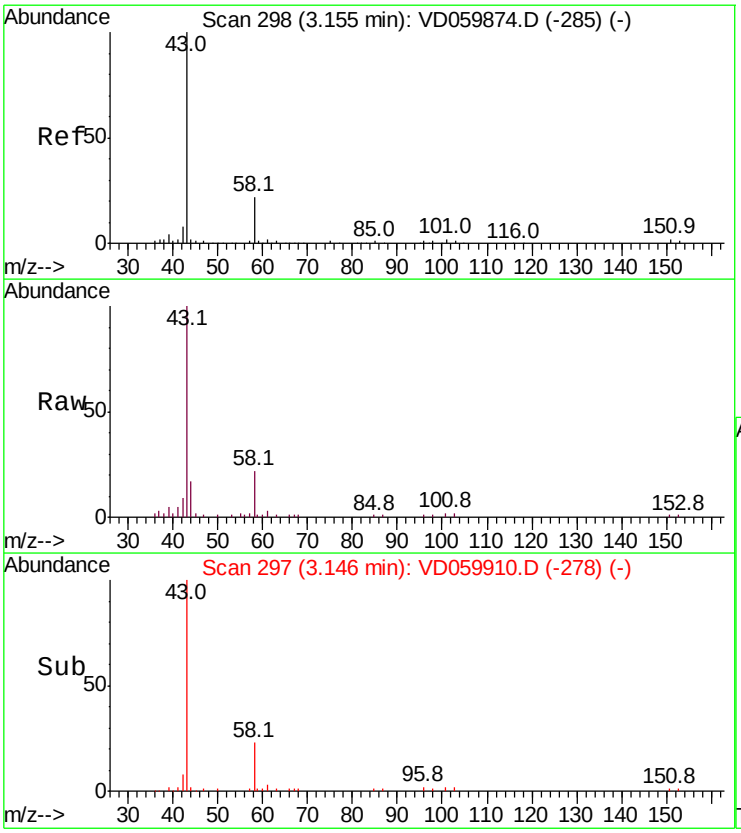

#15
Acrylonitrile
Concen: 99.295 ug/l
RT: 4.06 min Scan# 390
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 53 Resp: 294940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.4 | 66.9 | 100.3 |
| 51 | 38.6 | 30.3 | 45.5 |

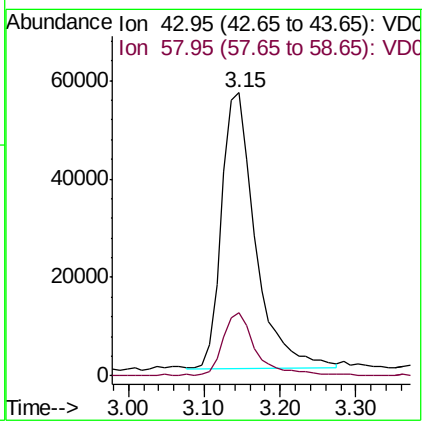


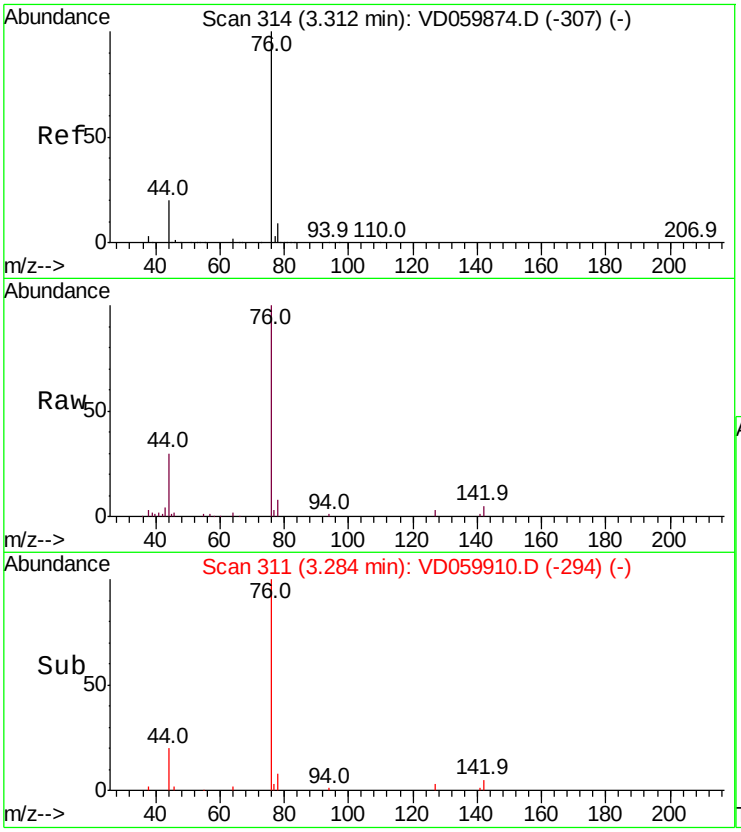




#16
Acetone
Concen: 91.508 ug/l
RT: 3.15 min Scan# 297
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 43 Resp: 173310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 22.5 | 17.6 | 26.4 |



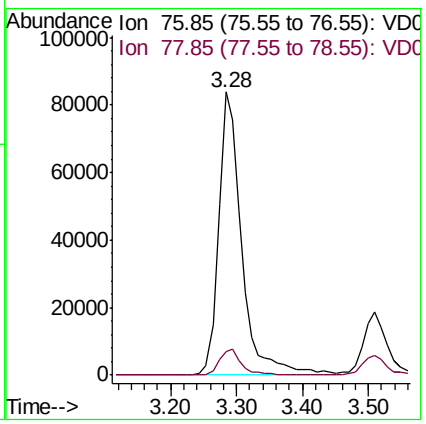


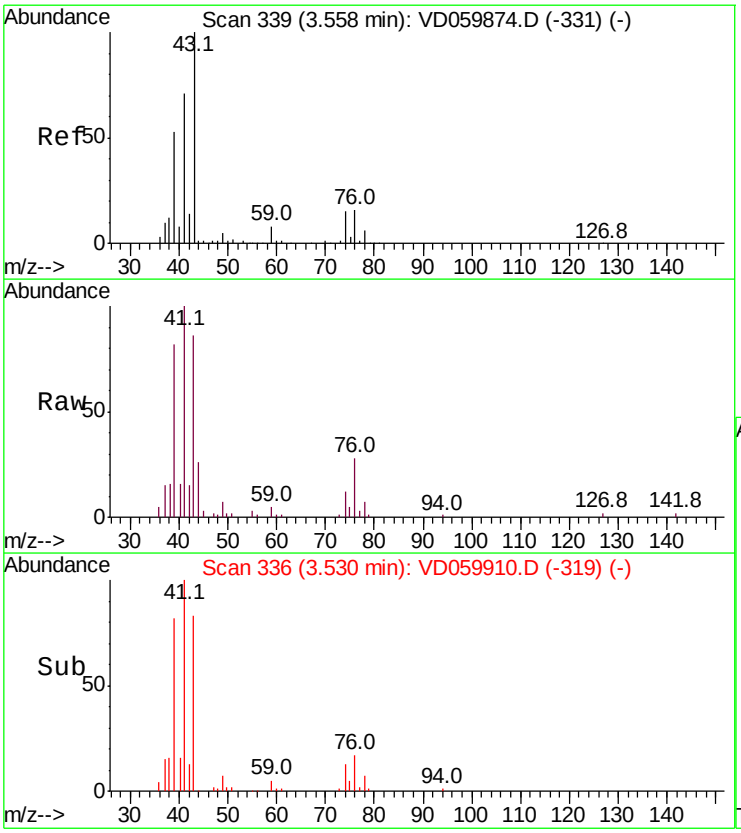

#17
Carbon Disulfide
Concen: 15.257 ug/l
RT: 3.28 min Scan# 311
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 76 Resp: 204554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.5 | 7.4 | 11.2 |

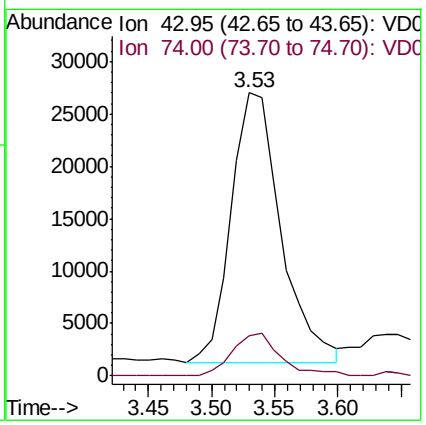


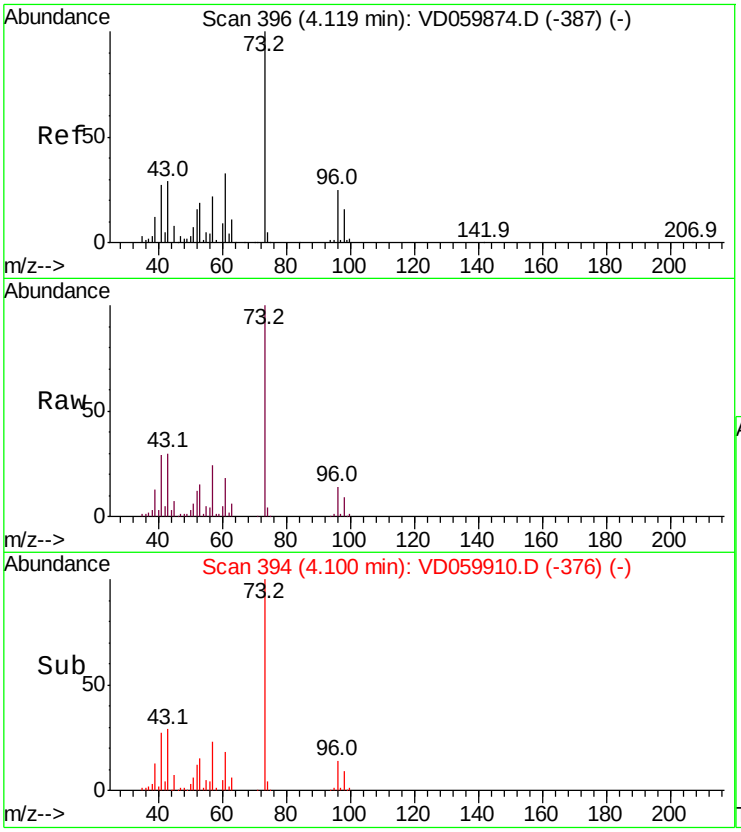




#18
Methyl Acetate
Concen: 17.752 ug/l
RT: 3.53 min Scan# 336
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 43 Resp: 70186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 14.3 | 11.2 | 16.8 |



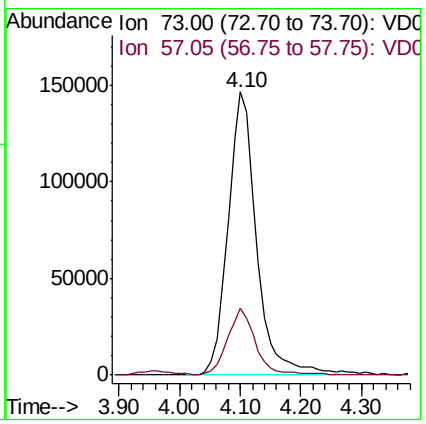


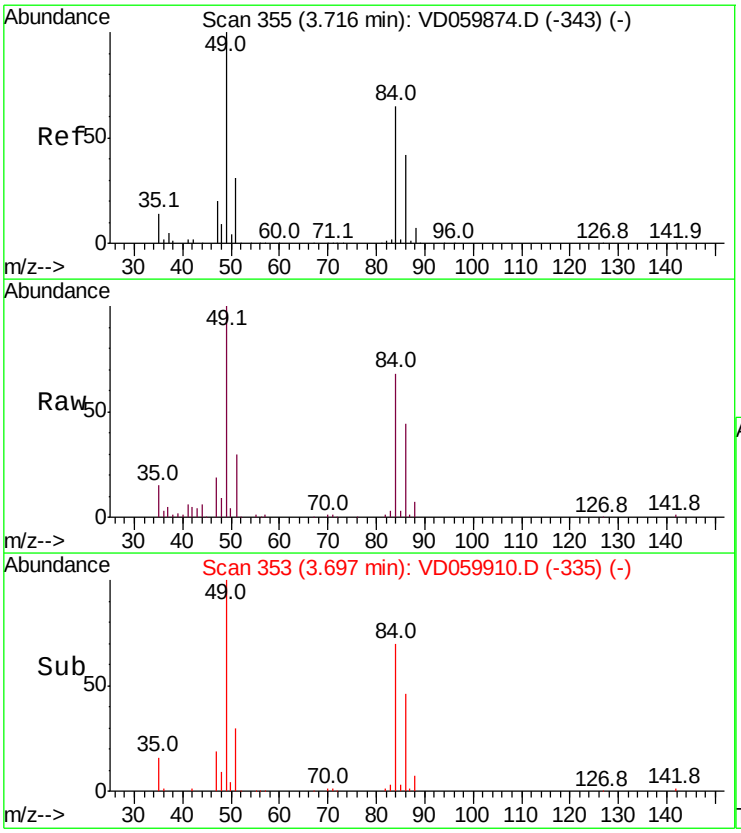

#19
Methyl tert-butyl Ether
Concen: 19.556 ug/l
RT: 4.10 min Scan# 394
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 73 Resp: 477864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.8 | 17.9 | 26.9 |

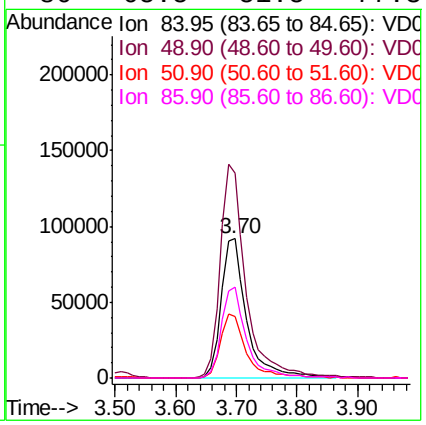


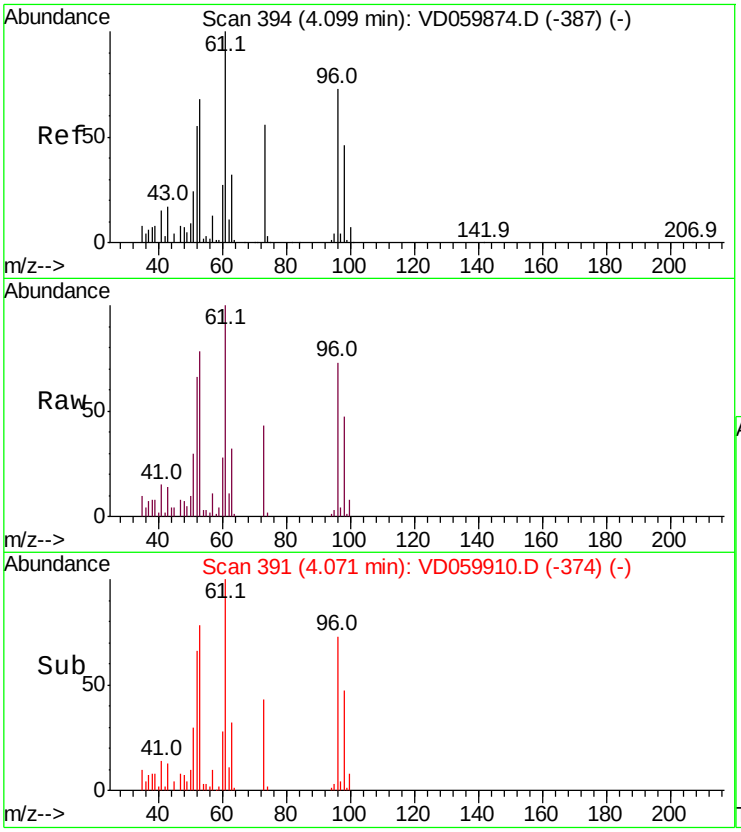




#20
Methylene Chloride
Concen: 19.105 ug/l
RT: 3.70 min Scan# 353
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 84 Resp: 270576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 147.5 | 122.6 | 183.8 |
| 51 | 44.0 | 38.4 | 57.6 |
| 86 | 65.5 | 51.5 | 77.3 |



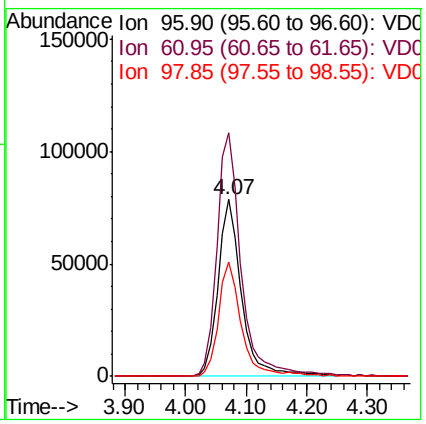


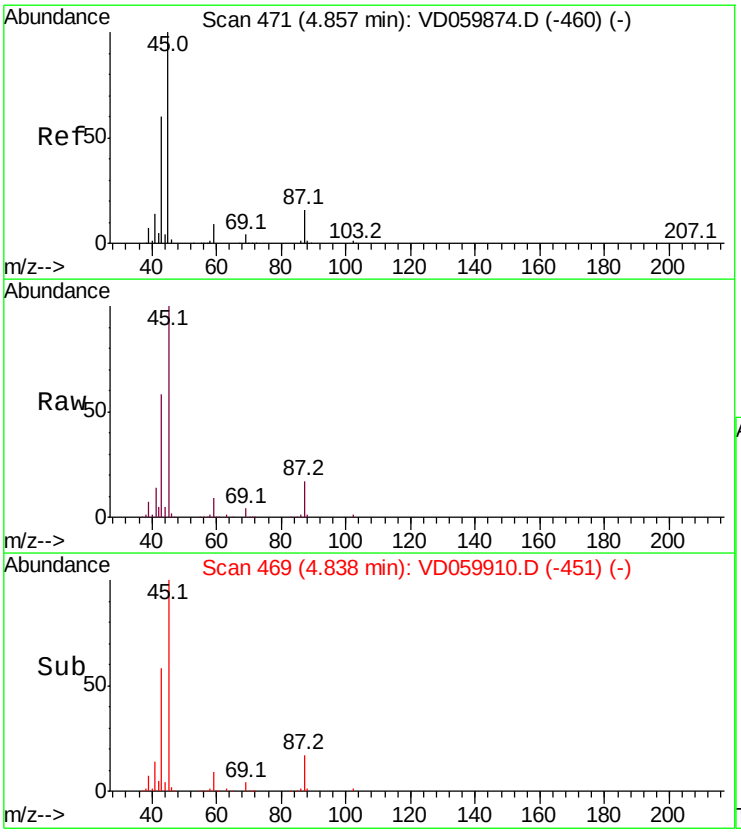

#21
trans-1,2-Dichloroethene
Concen: 17.813 ug/l
RT: 4.07 min Scan# 391
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 96 Resp: 211992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 137.9 | 110.2 | 165.4 |
| 98 | 64.4 | 50.9 | 76.3 |

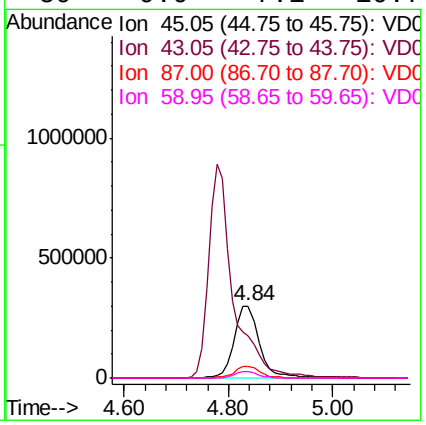


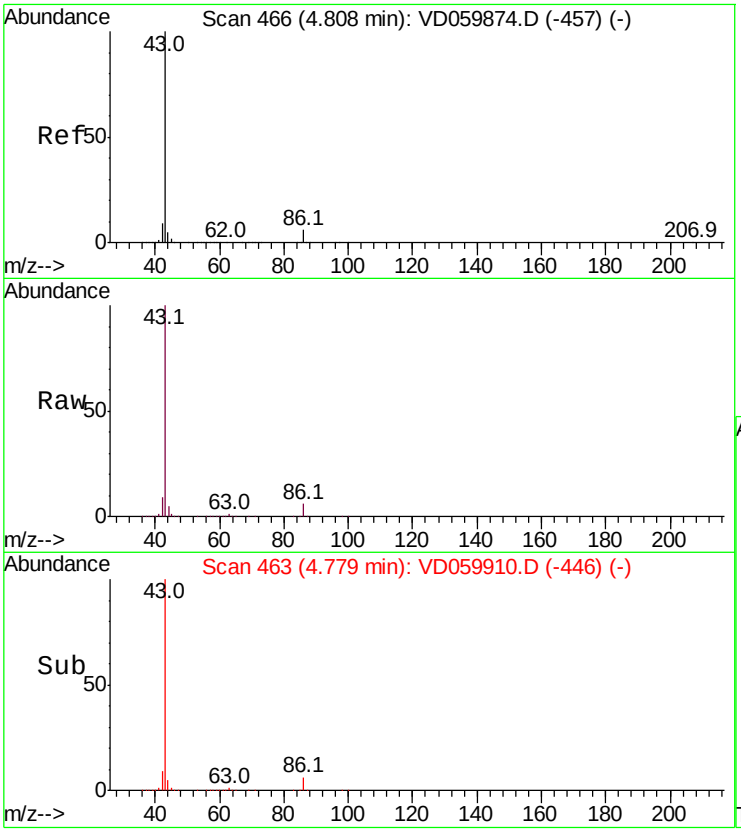




#22
Diisopropyl ether
Concen: 19.769 ug/l
RT: 4.84 min Scan# 469
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 45 Resp: 985212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 58.3 | 48.6 | 72.8 |
| 87 | 16.8 | 13.3 | 19.9 |
| 59 | 9.0 | 7.1 | 10.7 |



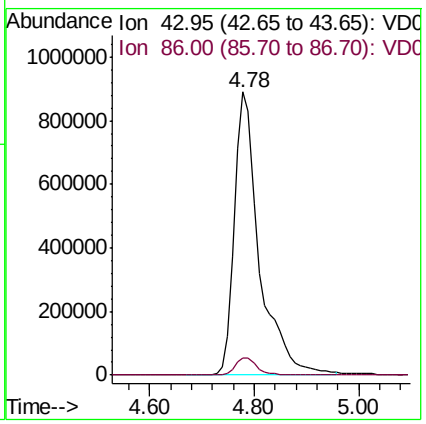


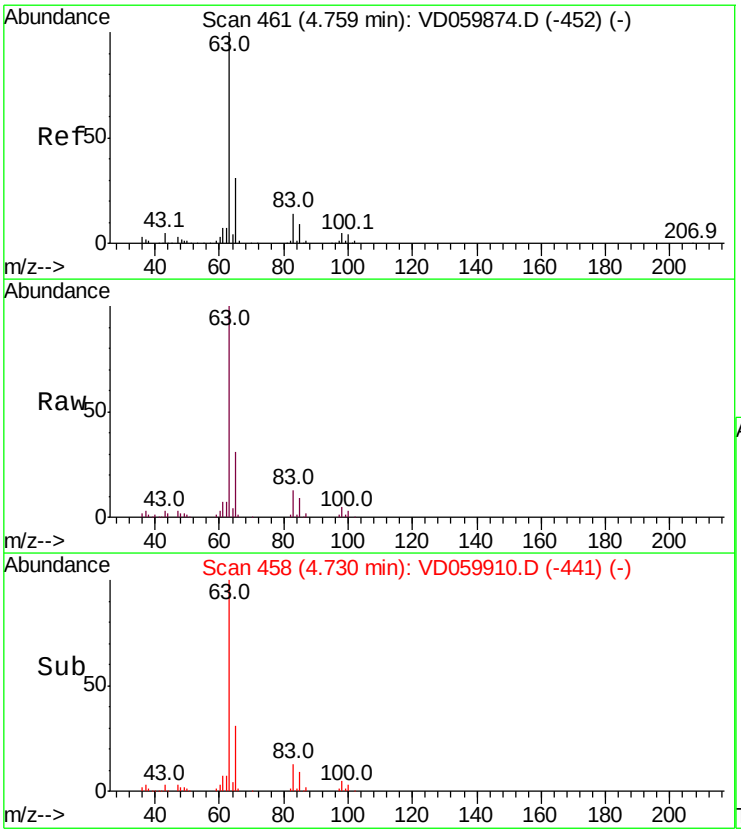

#23
Vinyl Acetate
Concen: 103.350 ug/l
RT: 4.78 min Scan# 463
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 43 Resp: 2879238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 5.9 | 5.0 | 7.6 |

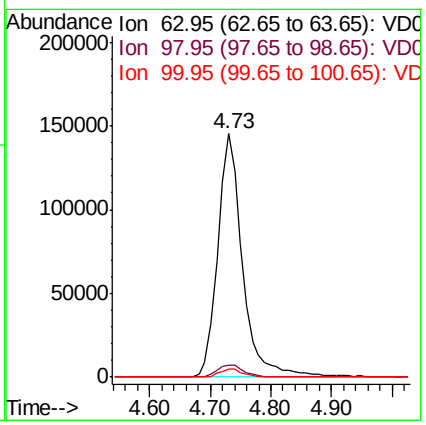


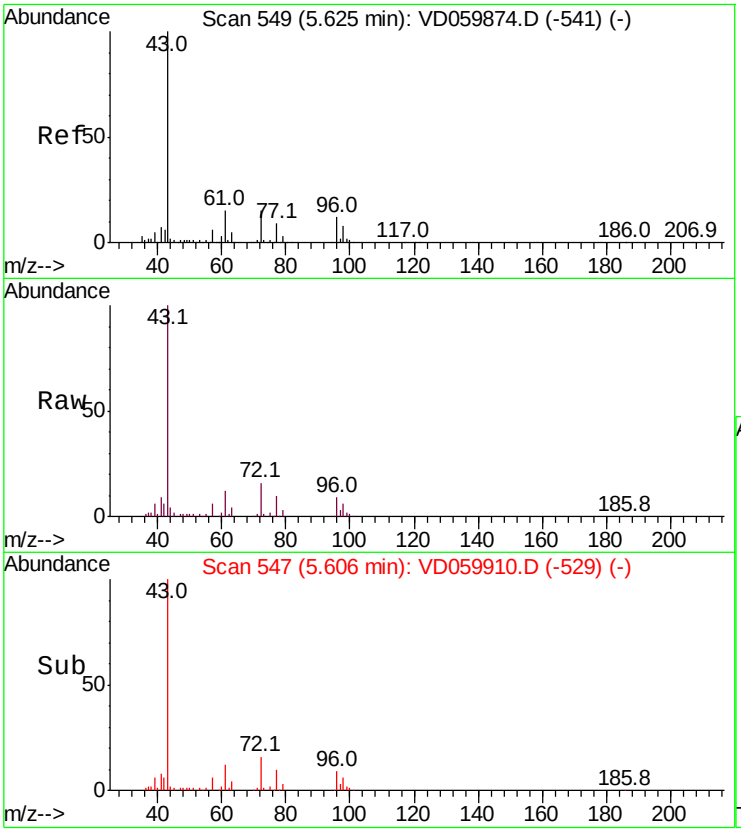




#24
1,1-Dichloroethane
Concen: 19.101 ug/l
RT: 4.73 min Scan# 458
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 63 Resp: 411236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.2 | 2.7 | 8.1 |
| 100 | 3.1 | 1.8 | 5.3 |



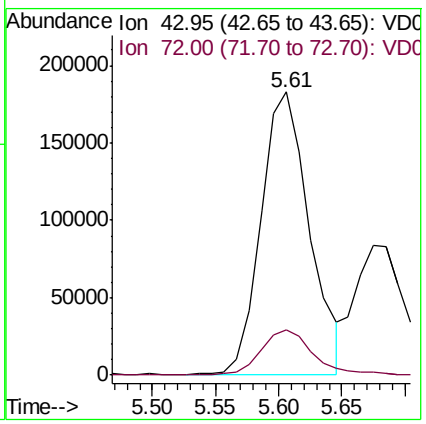


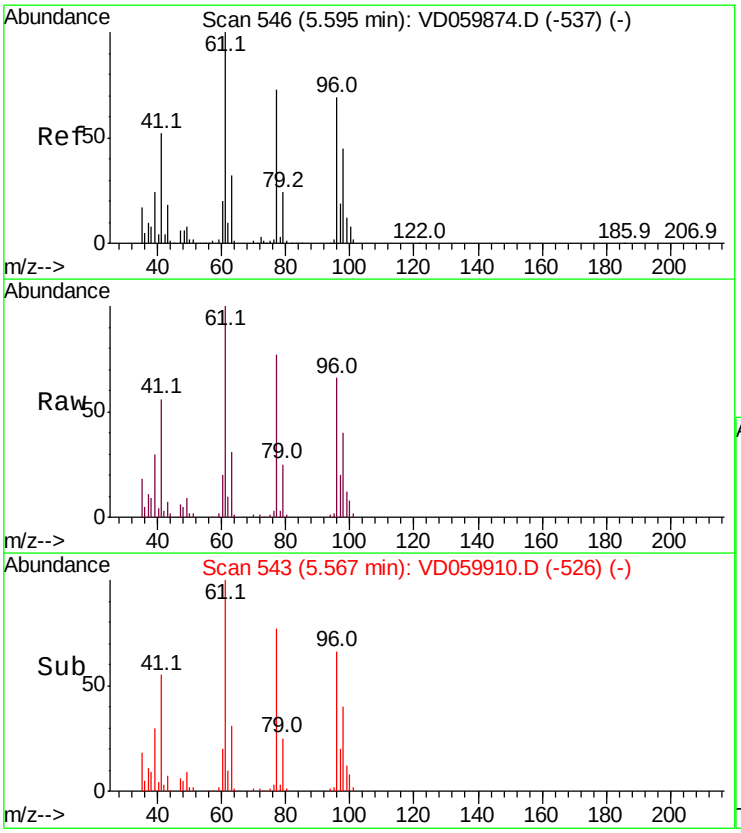

#25
2-Butanone
Concen: 86.738 ug/l
RT: 5.61 min Scan# 547
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 43 Resp: 486534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 15.8 | 12.3 | 18.5 |

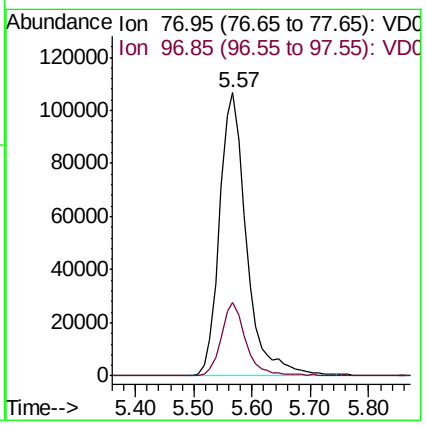


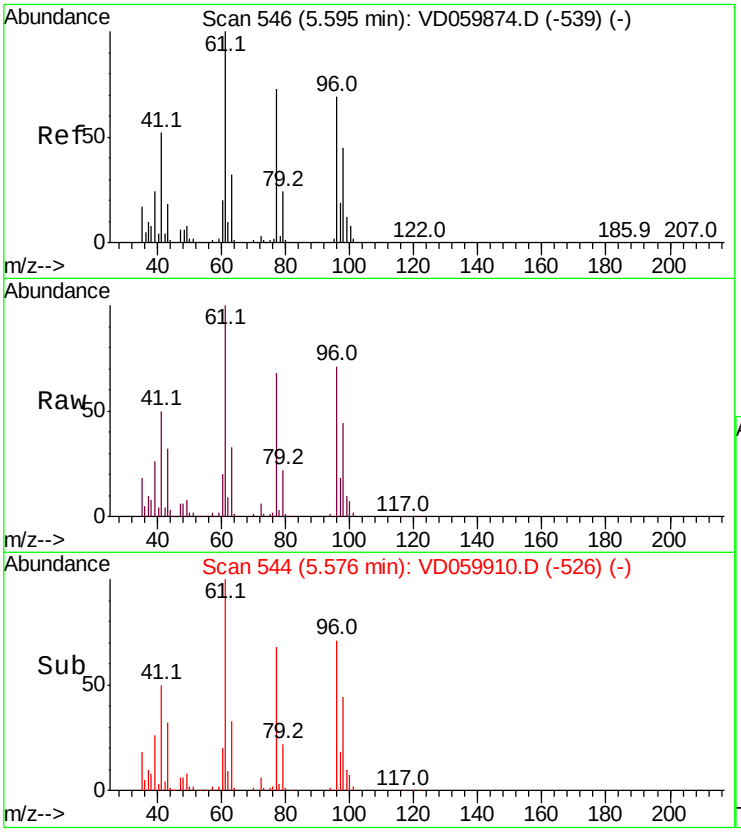




#26
2,2-Dichloropropane
Concen: 19.043 ug/l
RT: 5.57 min Scan# 543
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 77 Resp: 342748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 25.8 | 13.0 | 38.9 |



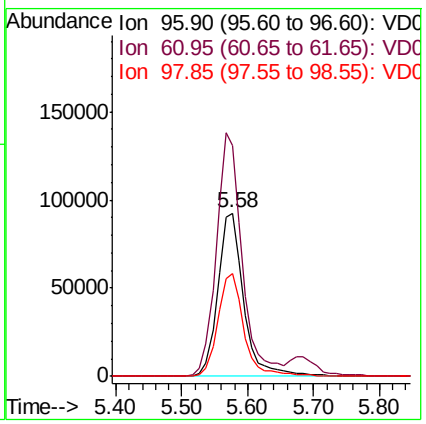


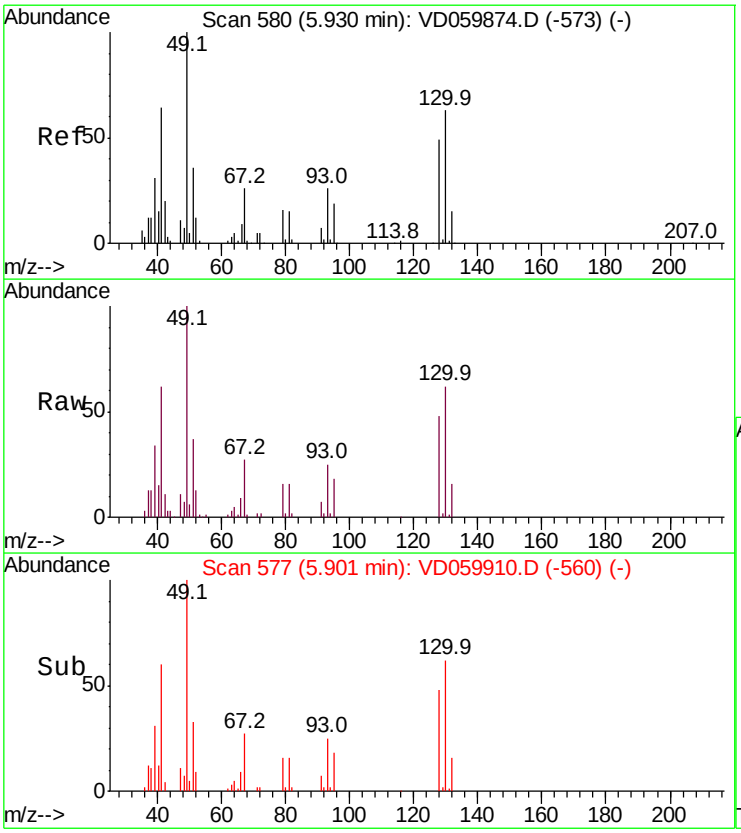

#27
cis-1,2-Dichloroethene
Concen: 19.368 ug/l
RT: 5.58 min Scan# 544
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 96 Resp: 252375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 141.3 | 0.0 | 290.2 |
| 98 | 62.7 | 0.0 | 130.4 |

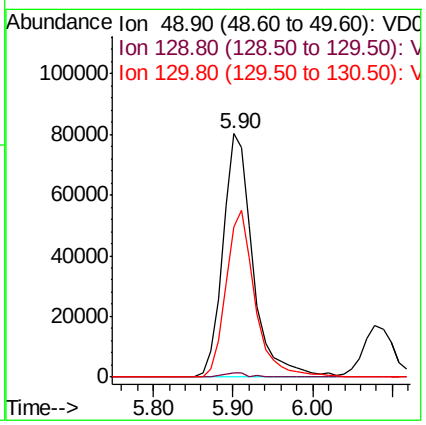


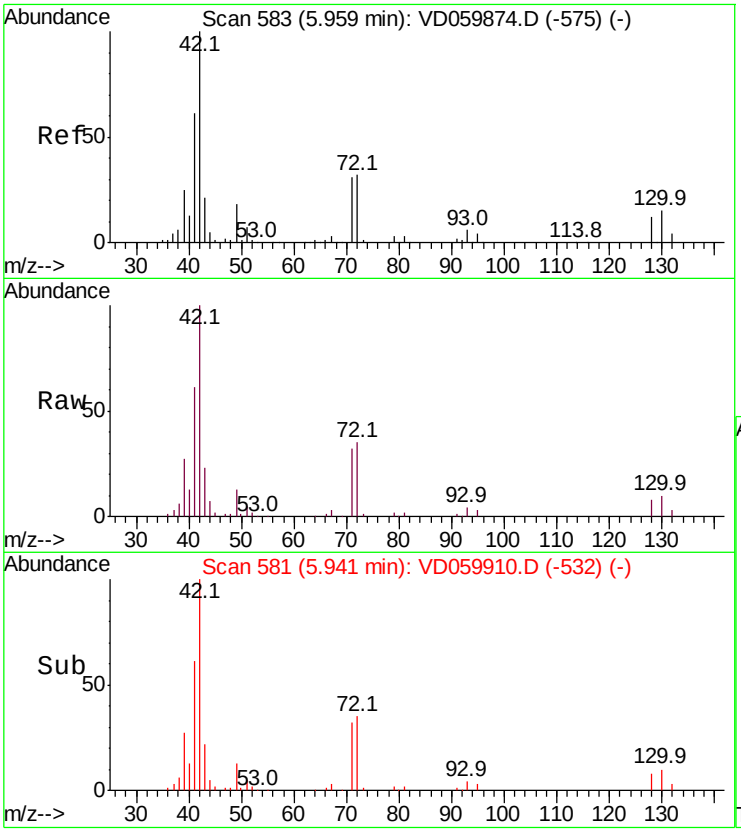




#28
Bromochloromethane
Concen: 20.474 ug/l
RT: 5.90 min Scan# 577
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 49 Resp: 211264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.6 | 0.0 | 3.2 |
| 130 | 61.8 | 50.6 | 75.8 |



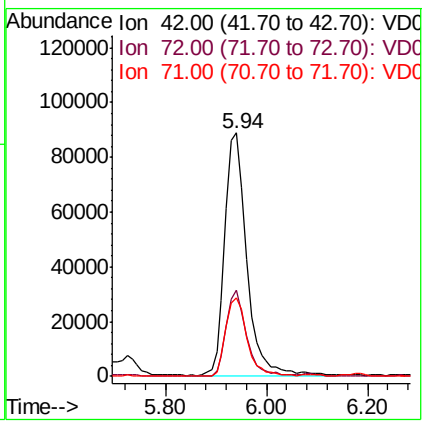


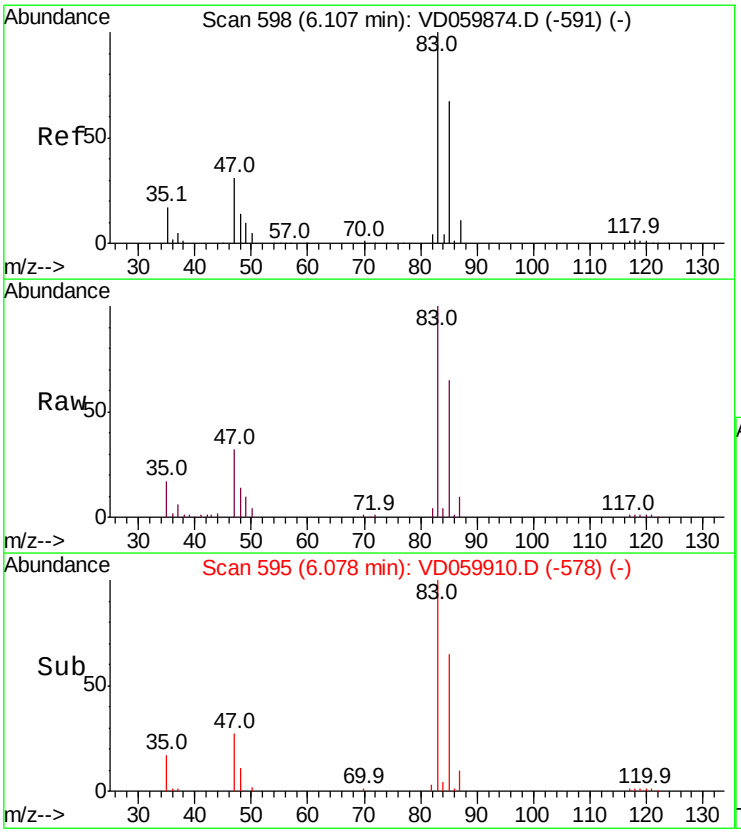

#29
Tetrahydrofuran
Concen: 101.906 ug/l
RT: 5.94 min Scan# 581
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 42 Resp: 272133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 31.7 | 25.7 | 38.5 |
| 71 | 30.8 | 25.3 | 37.9 |

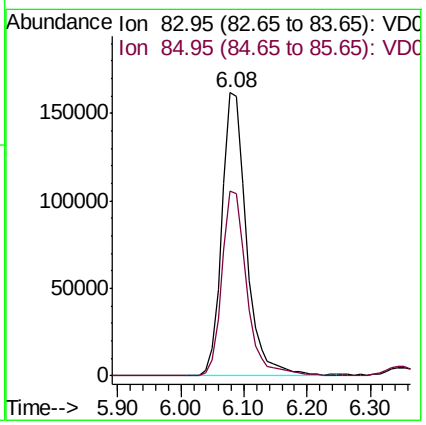


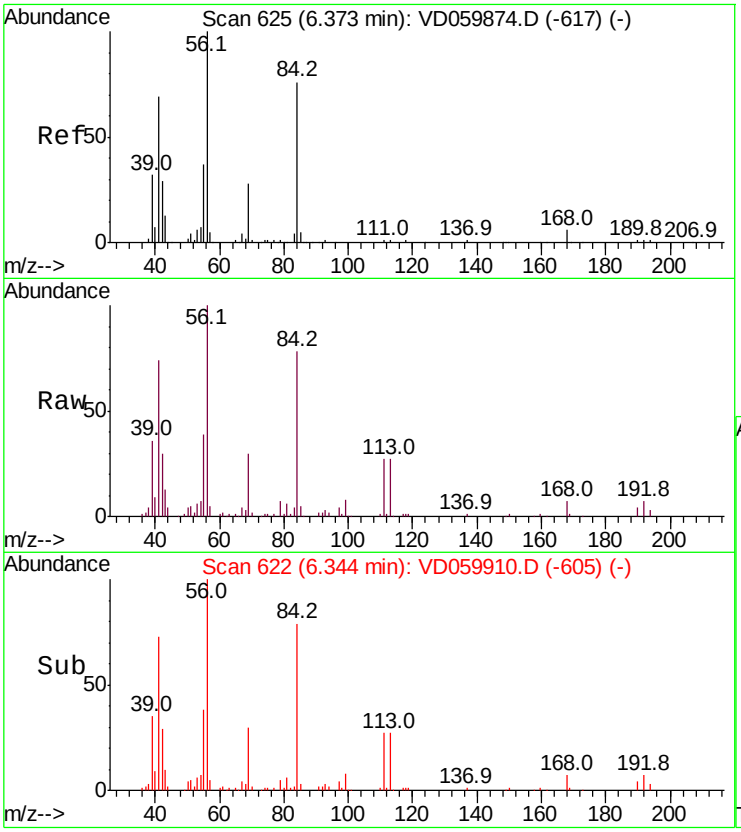




#30
Chloroform
Concen: 20.057 ug/l
RT: 6.08 min Scan# 595
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 83 Resp: 438852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.2 | 53.5 | 80.3 |



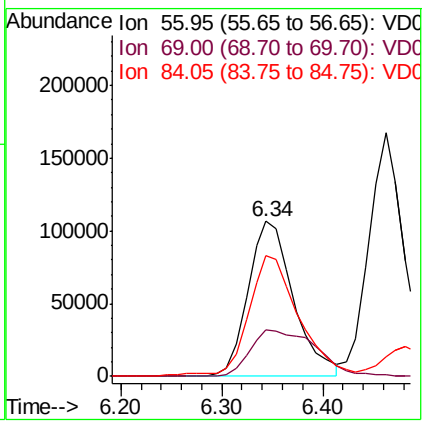


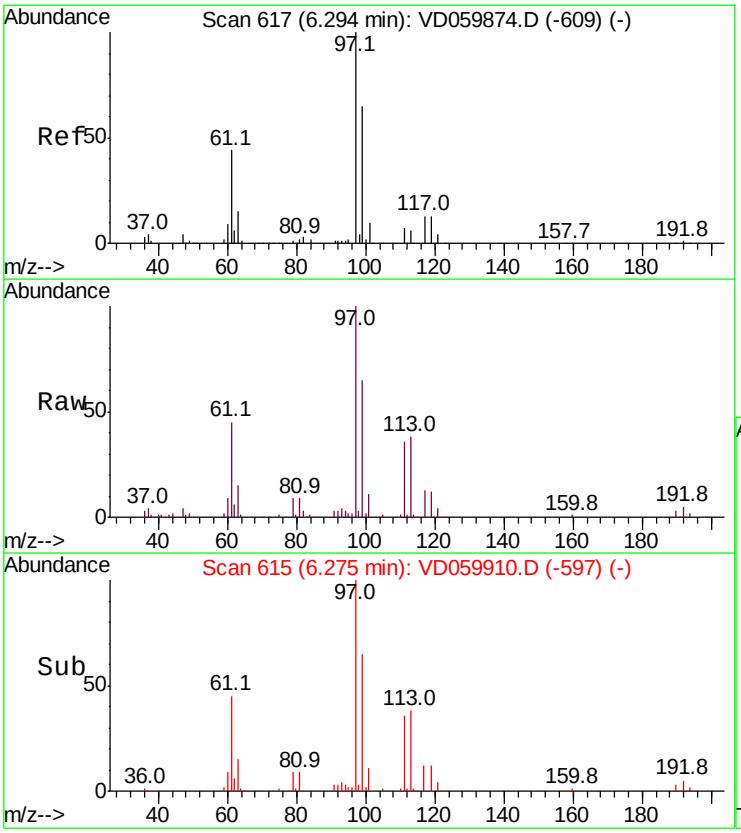

#31
Cyclohexane
Concen: 16.864 ug/l
RT: 6.34 min Scan# 622
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 56 Resp: 333785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.1 | 22.4 | 33.6 |
| 84 | 78.4 | 62.1 | 93.1 |

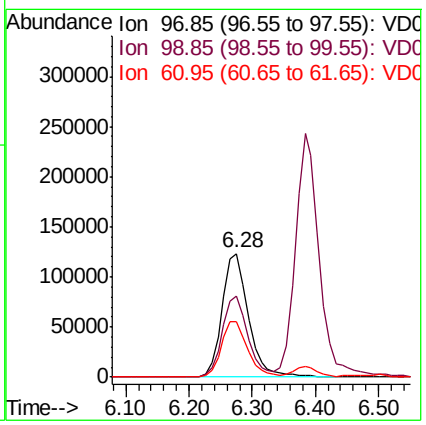


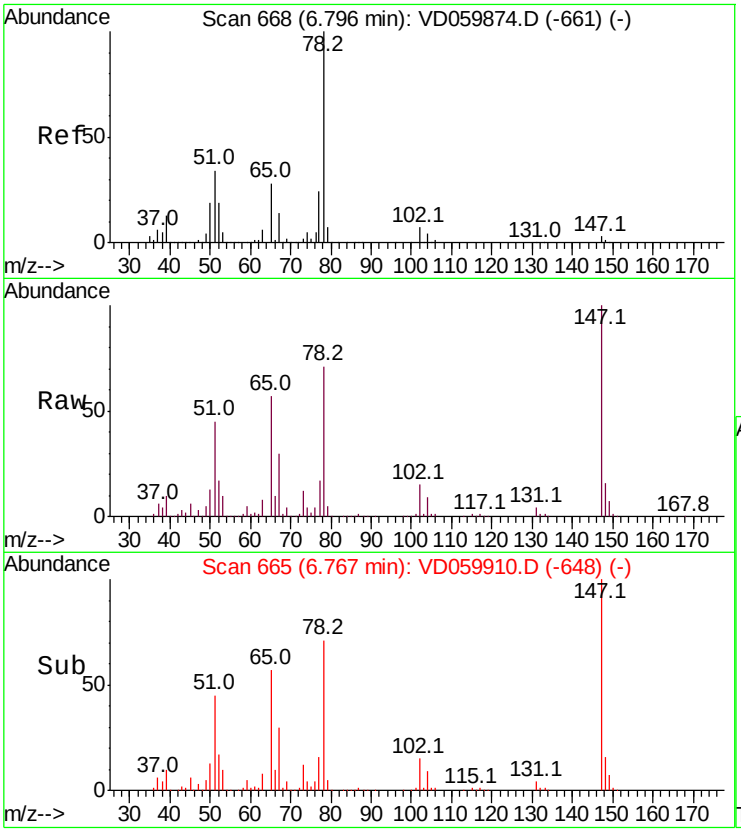




#32
1,1,1-Trichloroethane
Concen: 19.327 ug/l
RT: 6.28 min Scan# 615
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 97 Resp: 358909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.0 | 51.7 | 77.5 |
| 61 | 45.1 | 35.4 | 53.2 |



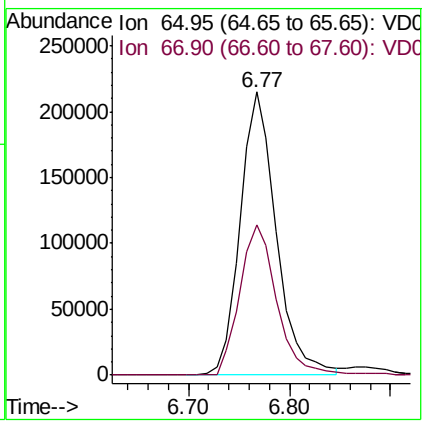


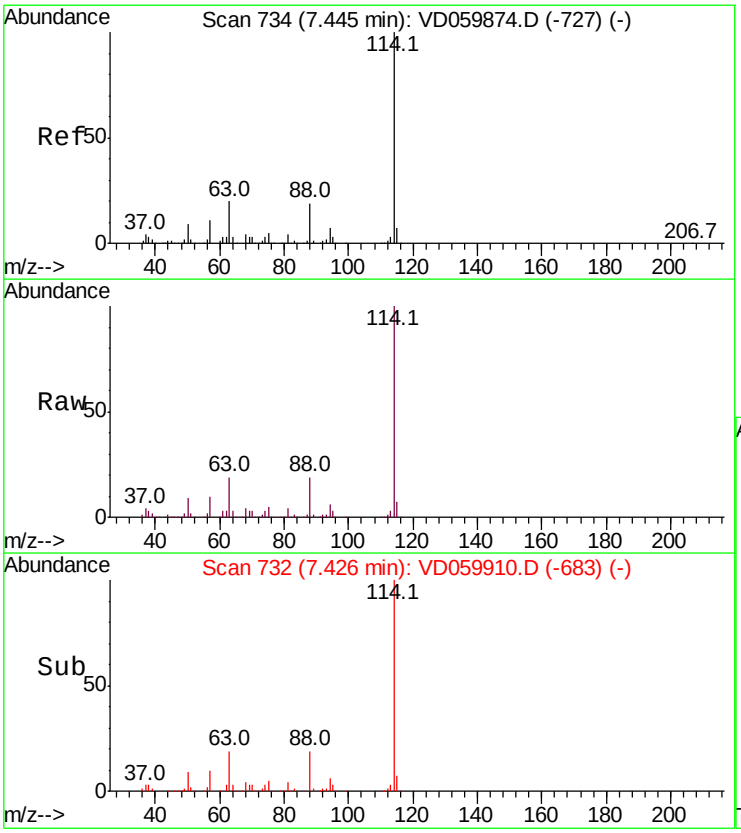

#33
1,2-Dichloroethane-d4
Concen: 19.327 ug/l
RT: 6.77 min Scan# 665
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 65 Resp: 534365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.1 | 0.0 | 103.8 |

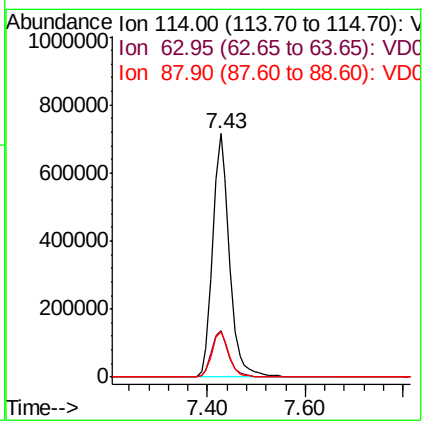


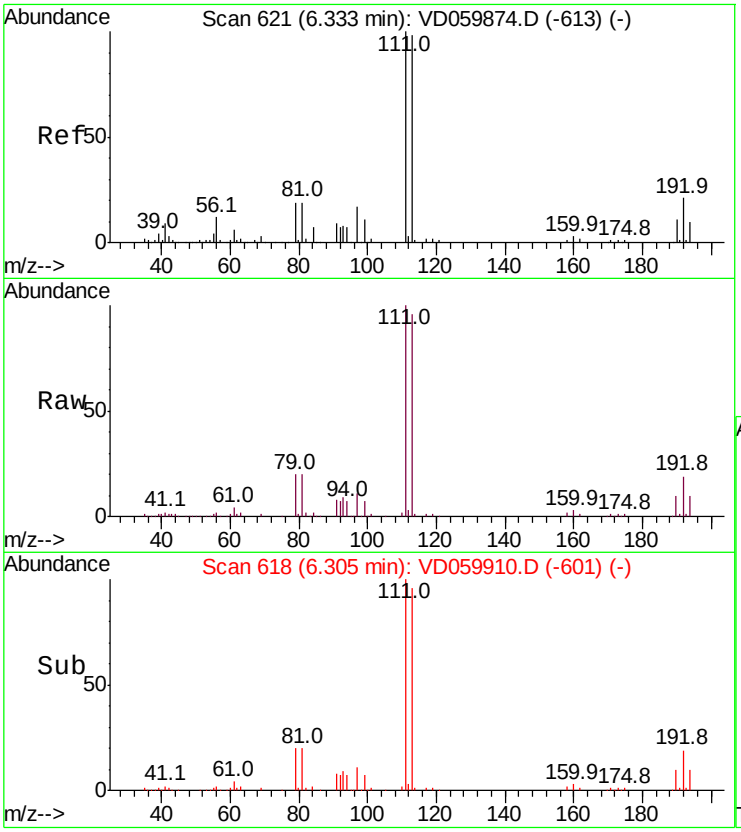




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.43 min Scan# 732
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion:114 Resp: 1719739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.3 | 0.0 | 39.4 |
| 88 | 18.8 | 0.0 | 37.6 |



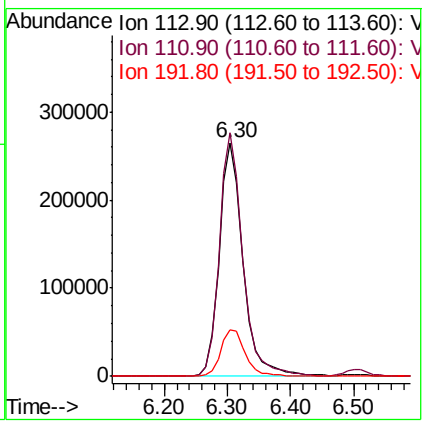


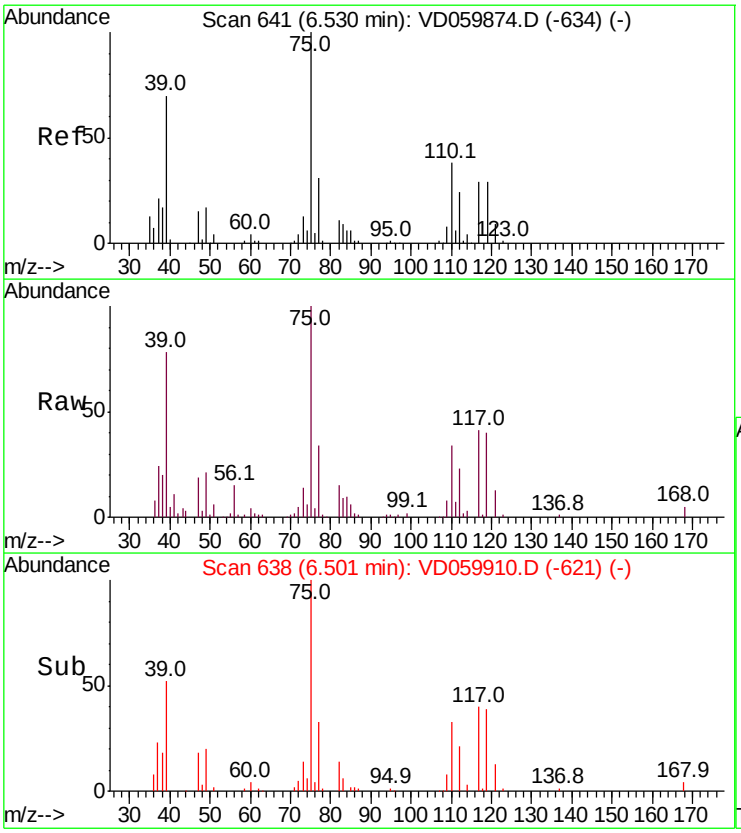

#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.30 min Scan# 618
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion:113 Resp: 695027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.0 | 81.4 | 122.2 |
| 192 | 20.0 | 17.0 | 25.6 |

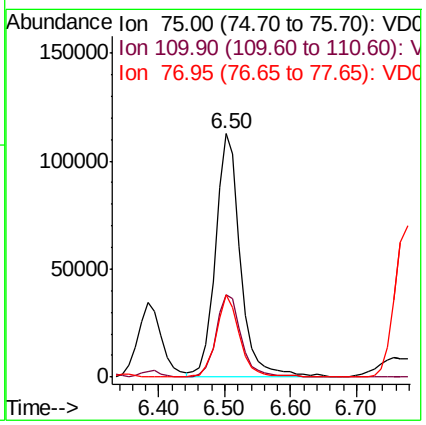


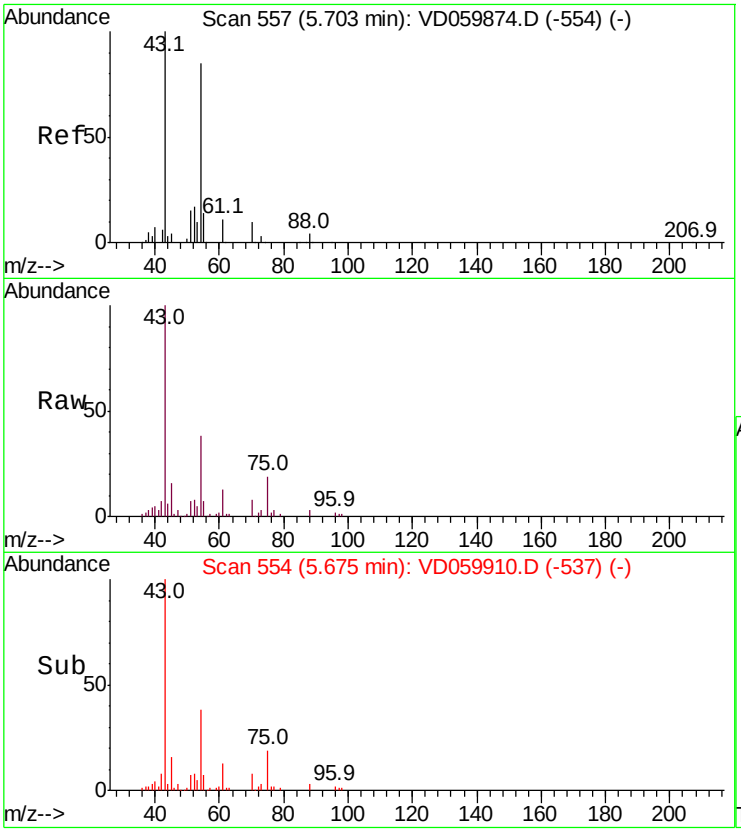




#36
1,1-Dichloropropene
Concen: 18.766 ug/l
RT: 6.50 min Scan# 638
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 75 Resp: 292560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 33.8 | 18.6 | 56.0 |
| 77 | 33.8 | 25.1 | 37.7 |



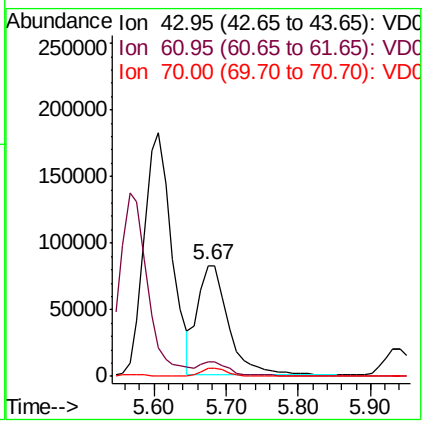


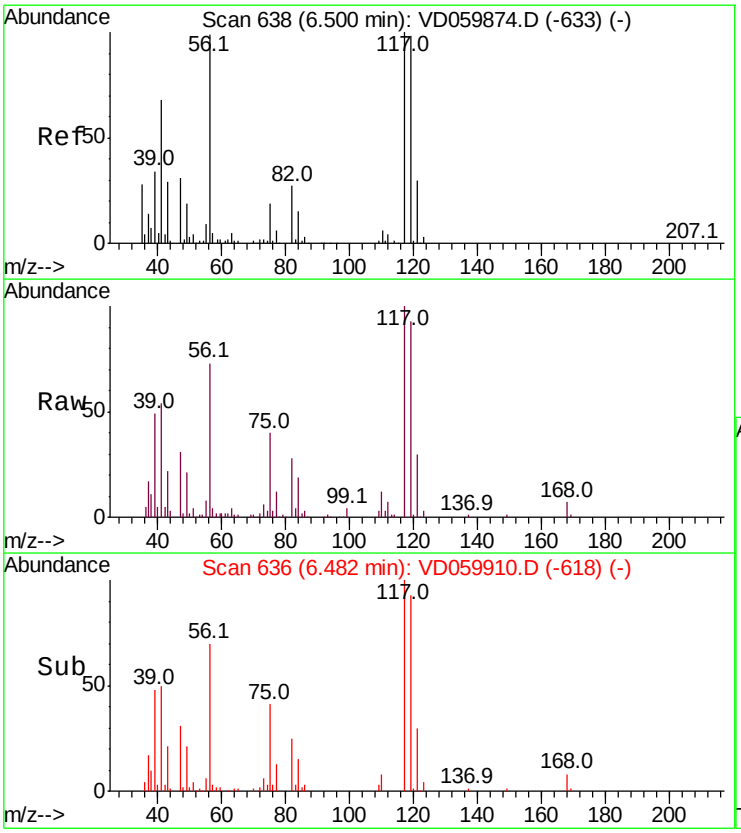

#37
Ethyl Acetate
Concen: 20.147 ug/l
RT: 5.67 min Scan# 554
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 43 Resp: 244401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.2 | 11.0 | 16.6 |
| 70 | 7.8 | 5.7 | 8.5 |

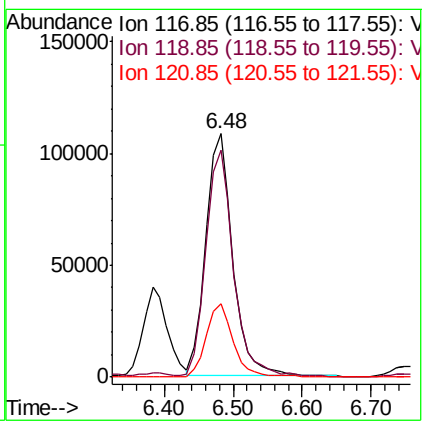


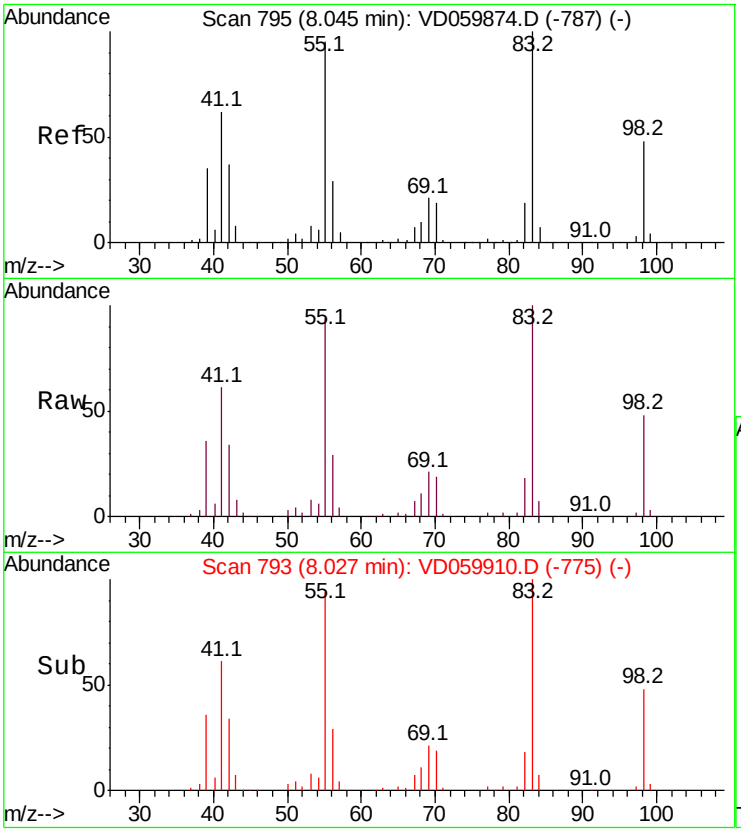




#38
Carbon Tetrachloride
Concen: 18.736 ug/l
RT: 6.48 min Scan# 636
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion:117 Resp: 294772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.3 | 77.2 | 115.8 |
| 121 | 30.3 | 24.0 | 36.0 |



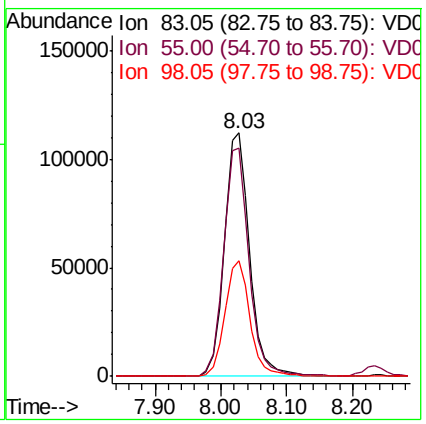


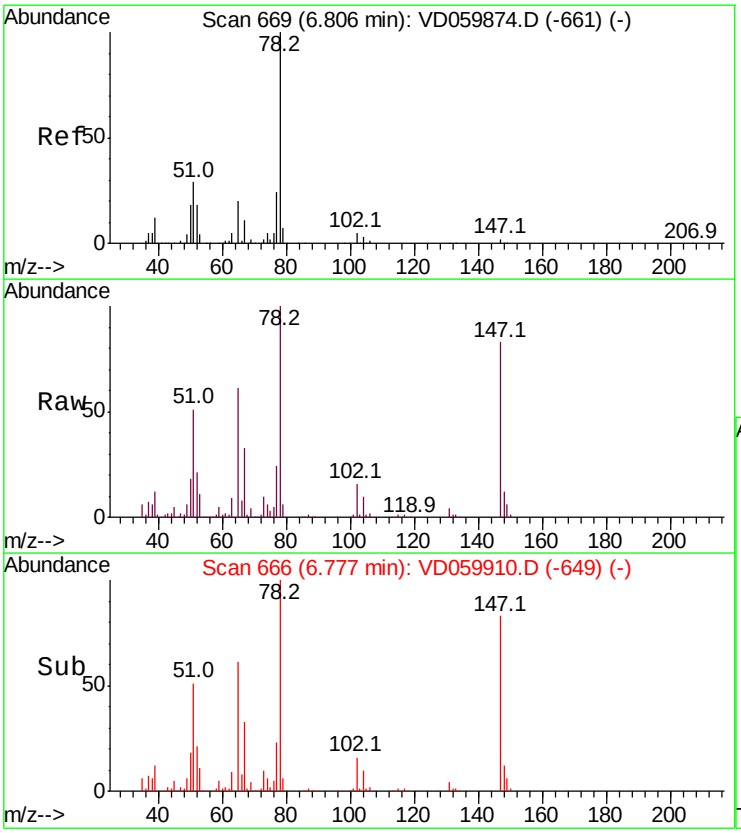

#39
Methylcyclohexane
Concen: 17.776 ug/l
RT: 8.03 min Scan# 793
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 83 Resp: 299405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 93.5 | 75.8 | 113.6 |
| 98 | 47.5 | 38.3 | 57.5 |

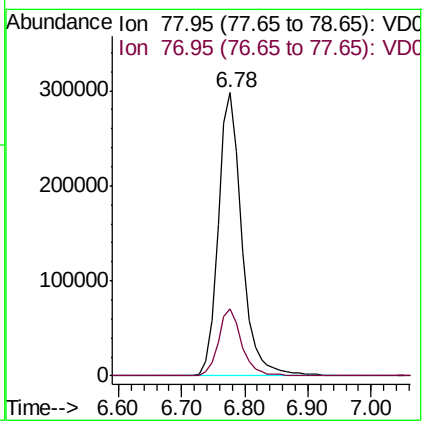


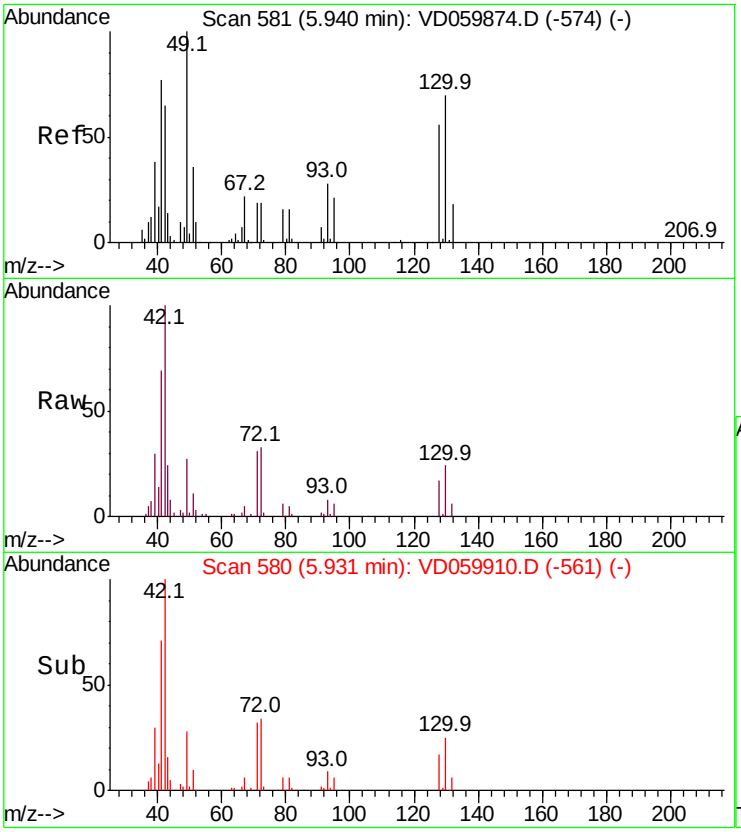




#40
Benzene
Concen: 19.123 ug/l
RT: 6.78 min Scan# 666
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 78 Resp: 775153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.5 | 19.0 | 28.4 |



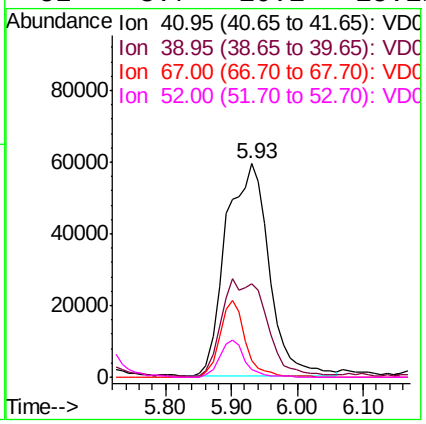


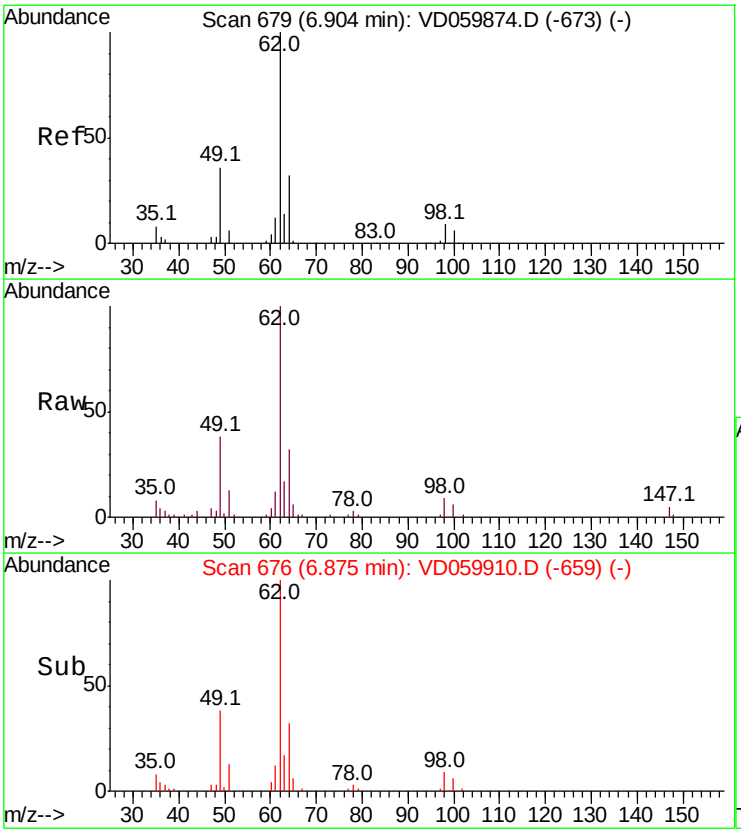

#41
Methacrylonitrile
Concen: 44.491 ug/l
RT: 5.93 min Scan# 580
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 41 Resp: 271875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 44.0 | 39.4 | 59.2 |
| 67 | 7.7 | 22.2 | 33.2# |
| 52 | 3.7 | 10.1 | 15.1# |

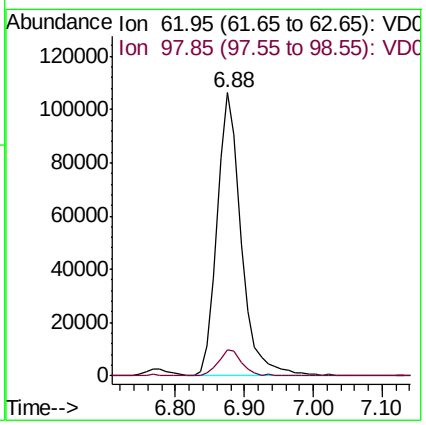


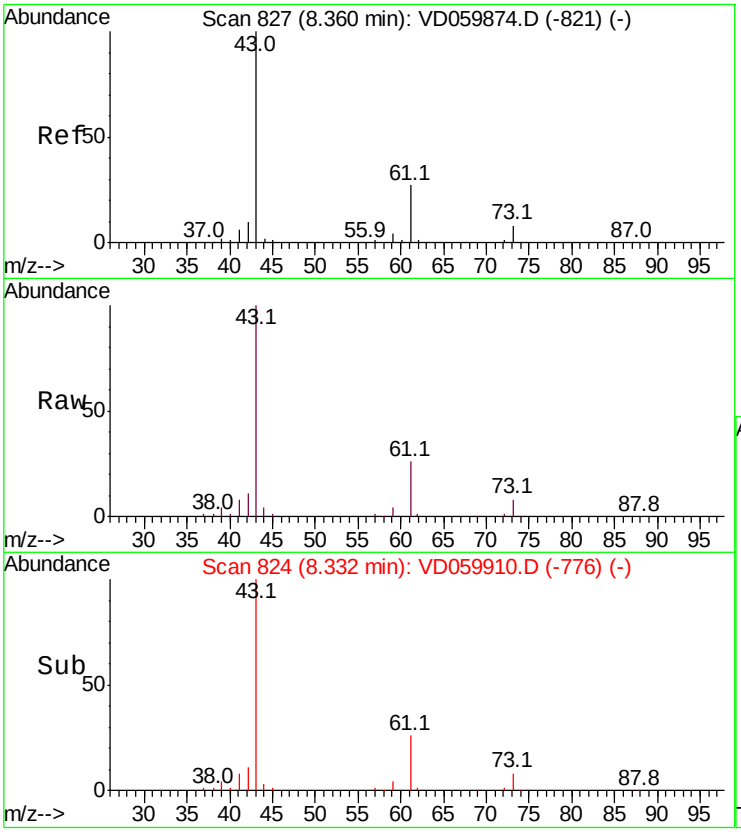




#42
1,2-Dichloroethane
Concen: 19.812 ug/l
RT: 6.88 min Scan# 676
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 62 Resp: 257810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.4 | 0.0 | 18.4 |



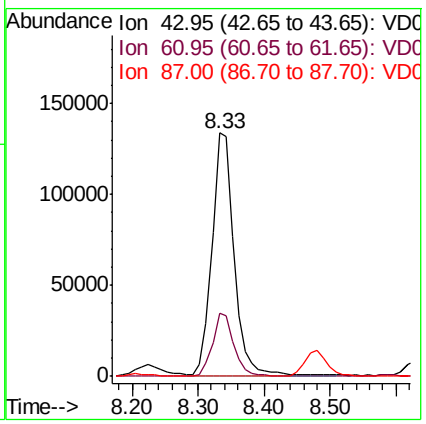


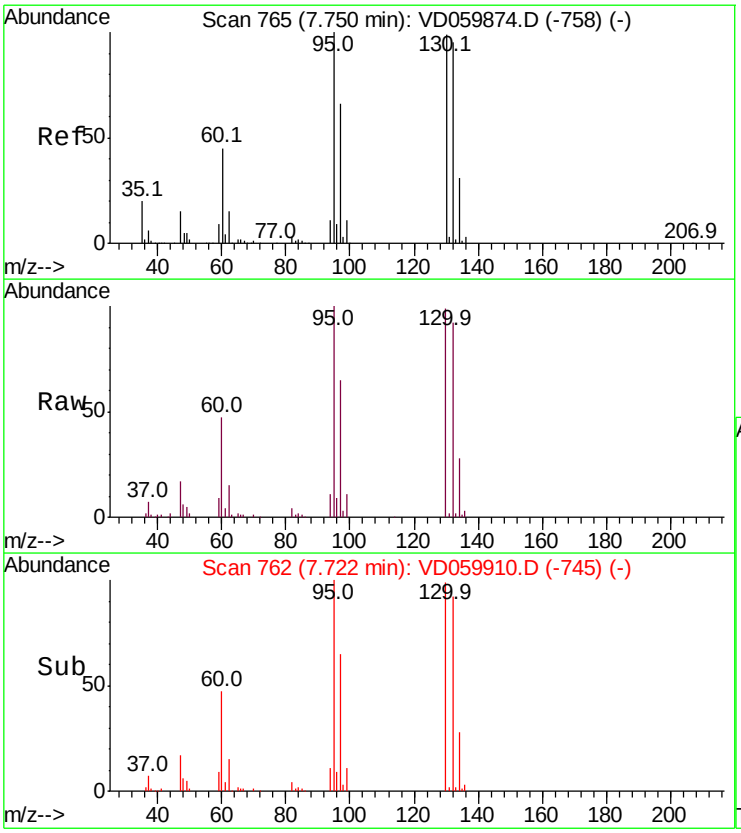

#43
Isopropyl Acetate
Concen: 19.737 ug/l
RT: 8.33 min Scan# 824
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 43 Resp: 311486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 26.0 | 21.4 | 32.2 |
| 87 | 0.0 | 0.2 | 0.4# |

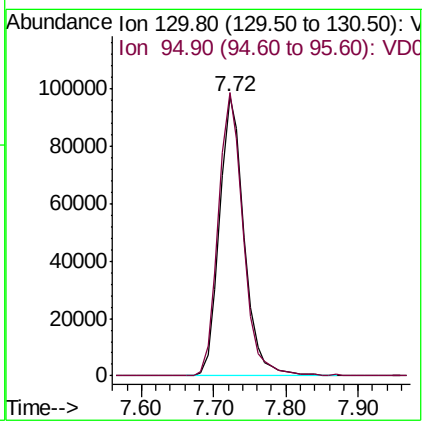


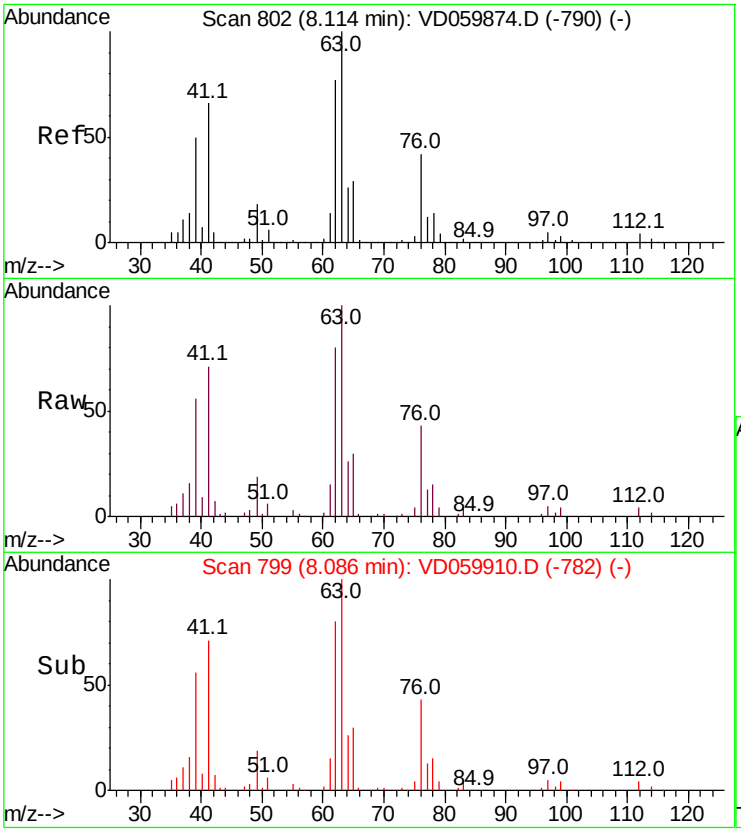




#44
Trichloroethene
Concen: 19.231 ug/l
RT: 7.72 min Scan# 762
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion:130 Resp: 229526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 101.3 | 0.0 | 202.0 |



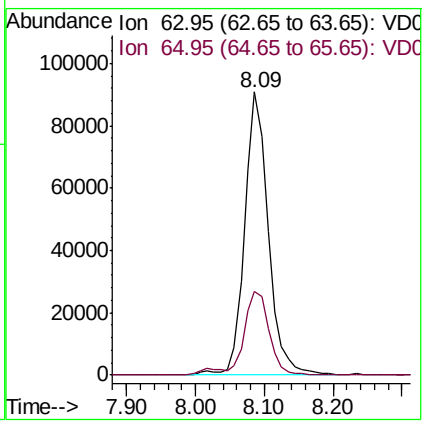


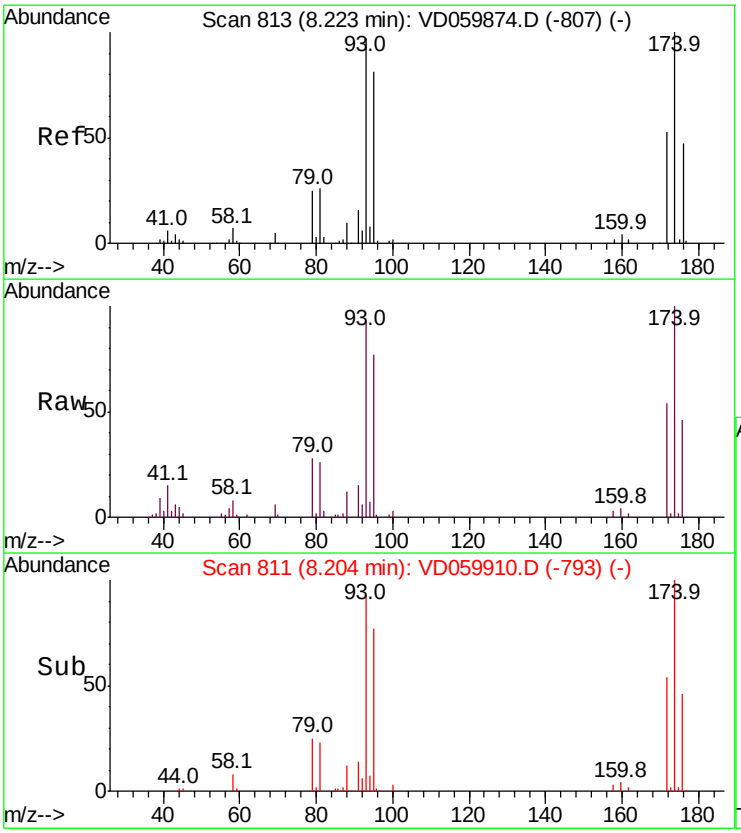

#45
1,2-Dichloropropane
Concen: 19.071 ug/l
RT: 8.09 min Scan# 799
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 63 Resp: 216080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.7 | 23.5 | 35.3 |

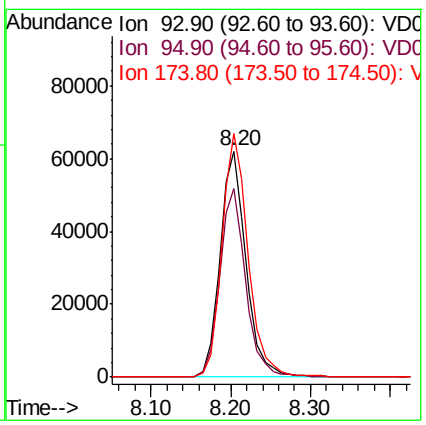


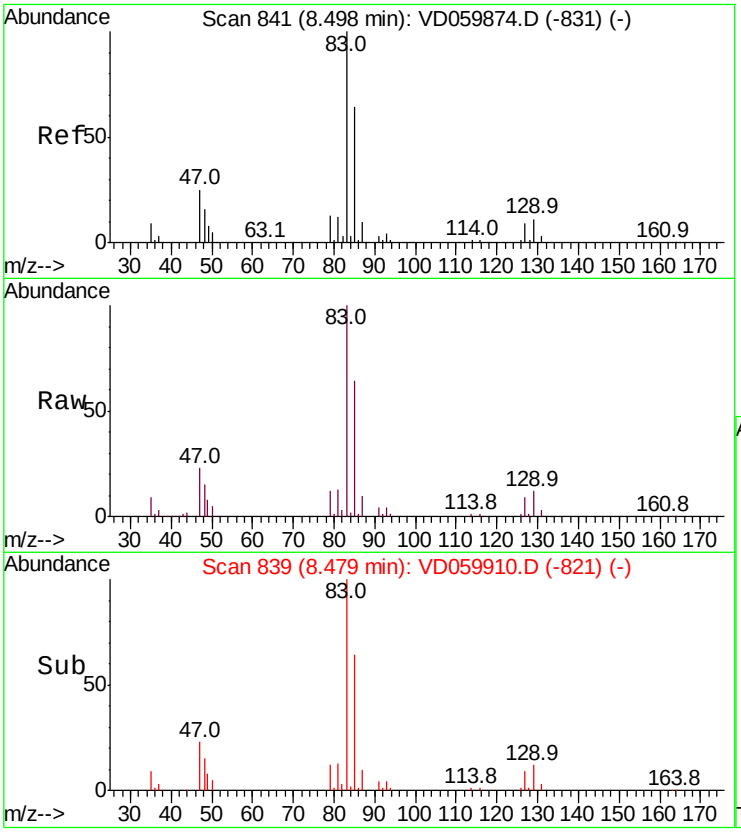




#46
Dibromomethane
Concen: 19.474 ug/l
RT: 8.20 min Scan# 811
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 93 Resp: 141874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.4 | 66.6 | 100.0 |
| 174 | 107.8 | 82.4 | 123.6 |



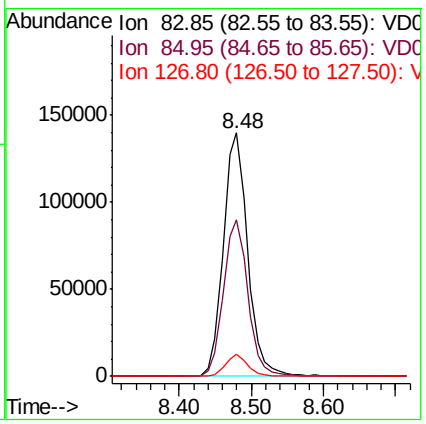


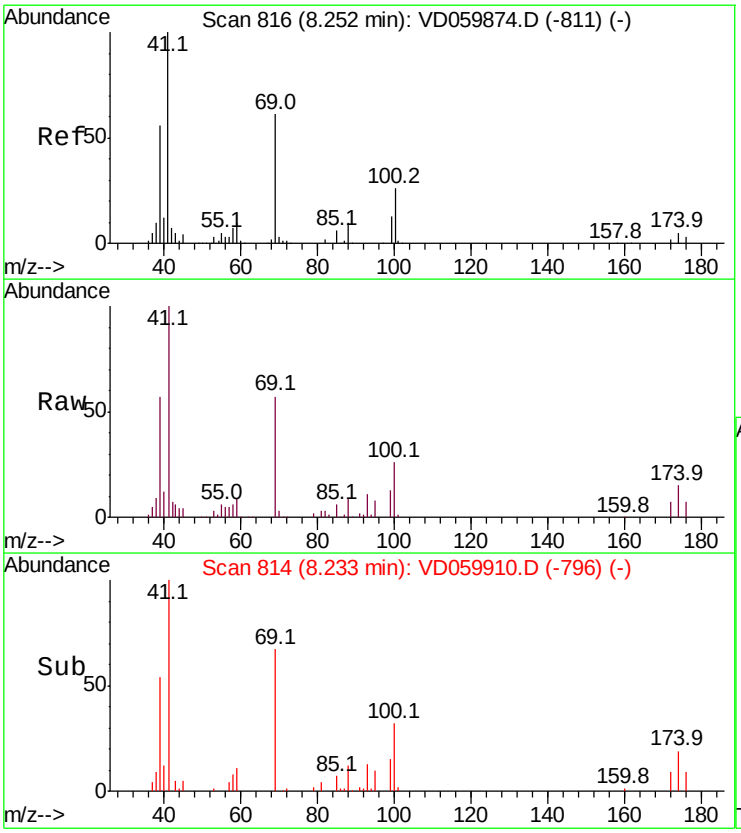

#47
Bromodichloromethane
Concen: 19.789 ug/l
RT: 8.48 min Scan# 839
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 83 Resp: 326372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.2 | 51.3 | 76.9 |
| 127 | 9.1 | 7.0 | 10.4 |

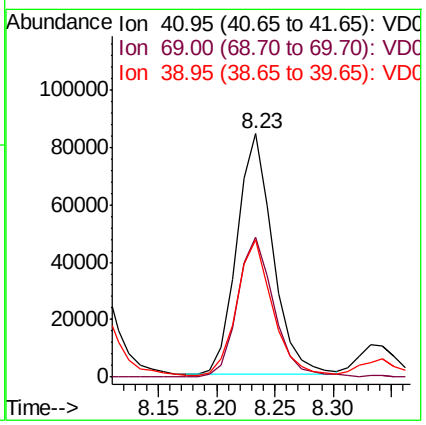


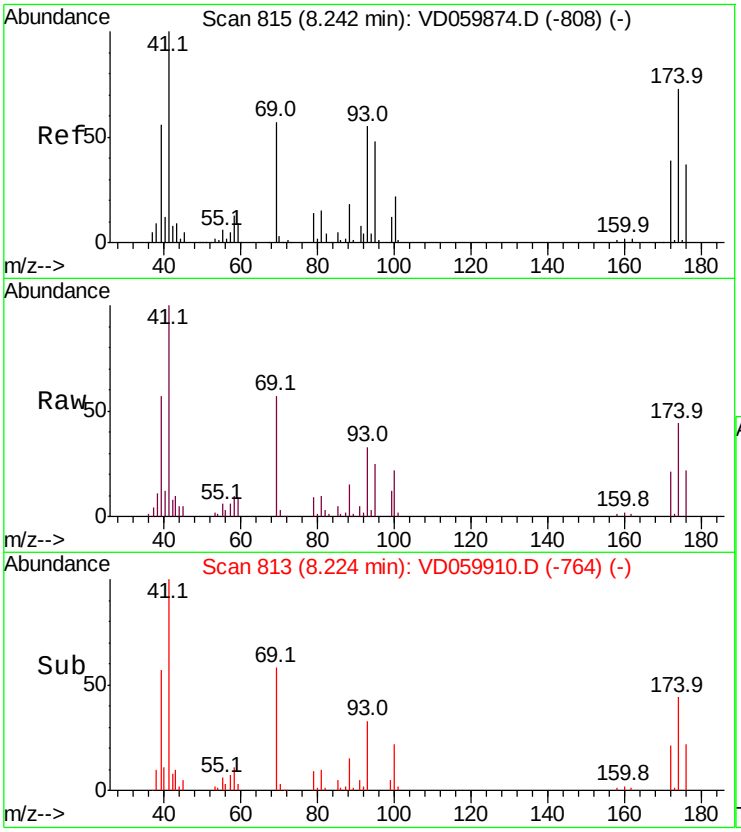




#48
Methyl methacrylate
Concen: 19.536 ug/l
RT: 8.23 min Scan# 814
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 41 Resp: 179728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 57.3 | 48.0 | 72.0 |
| 39 | 56.5 | 45.4 | 68.0 |



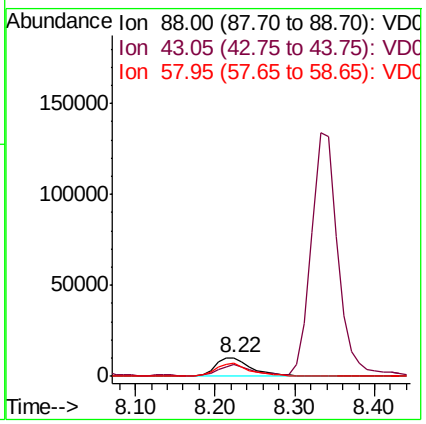


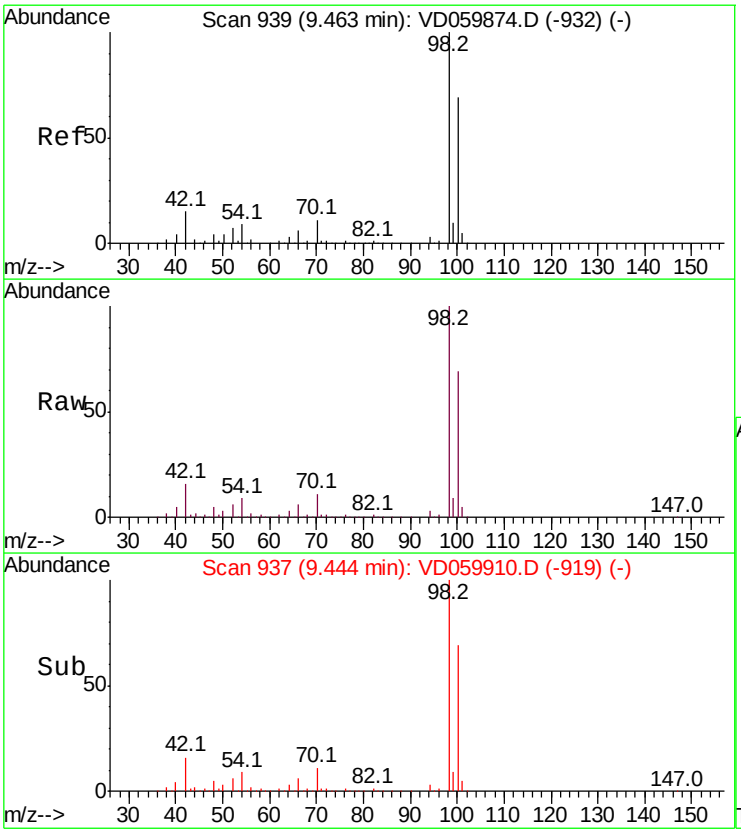

#49
1,4-Dioxane
Concen: 397.439 ug/l
RT: 8.22 min Scan# 813
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 88 Resp: 32644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 65.3 | 45.0 | 67.6 |
| 58 | 71.2 | 55.8 | 83.8 |

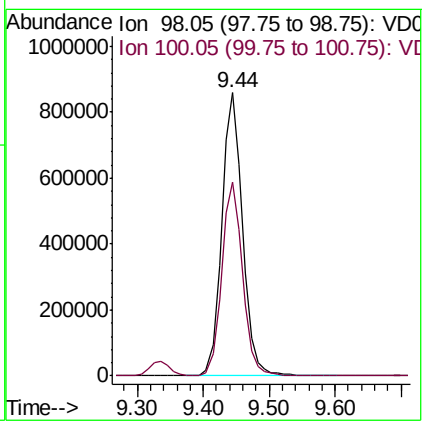


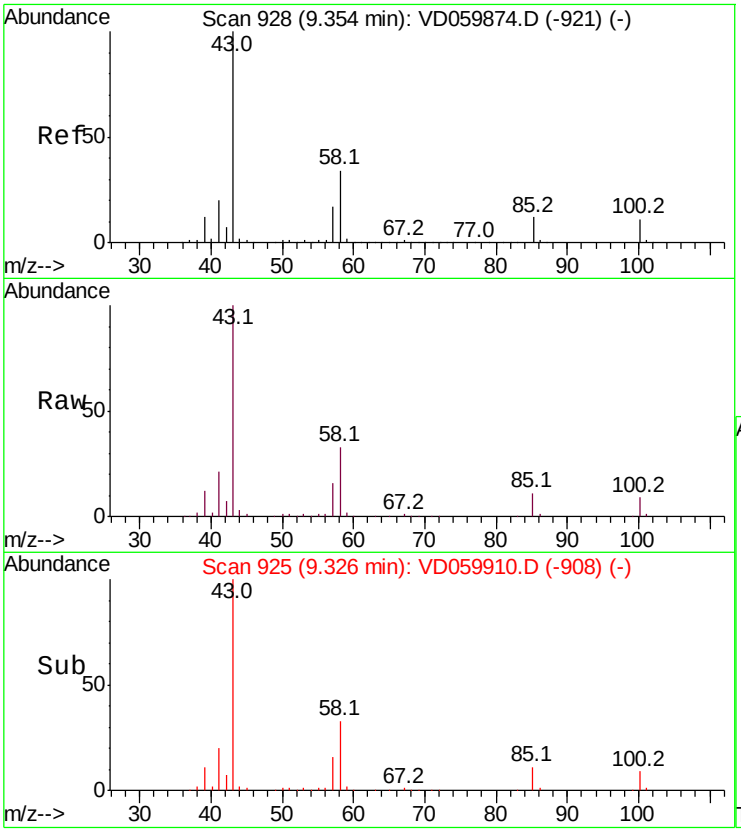




#50
Toluene-d8
Concen: 397.439 ug/l
RT: 9.44 min Scan# 937
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 98 Resp: 1884886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 68.7 | 55.8 | 83.6 |



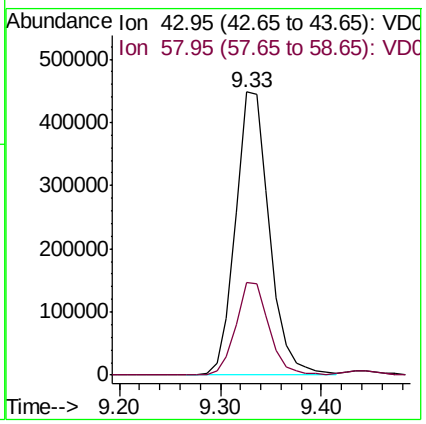


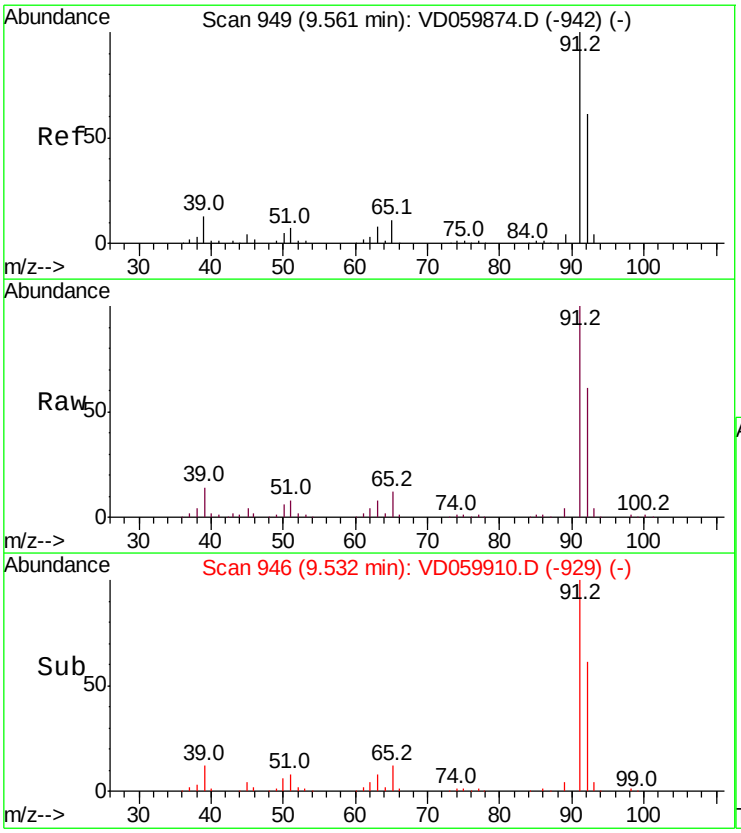

#51
4-Methyl-2-Pentanone
Concen: 88.682 ug/l
RT: 9.33 min Scan# 925
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 43 Resp: 1043421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.7 | 27.0 | 40.4 |

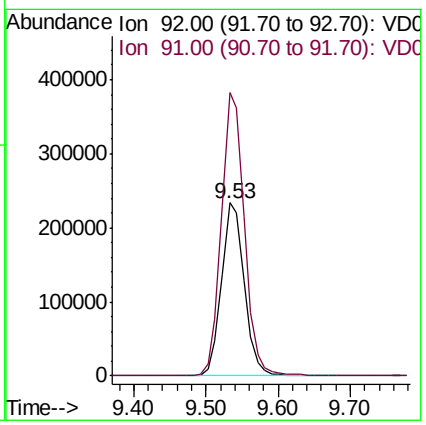


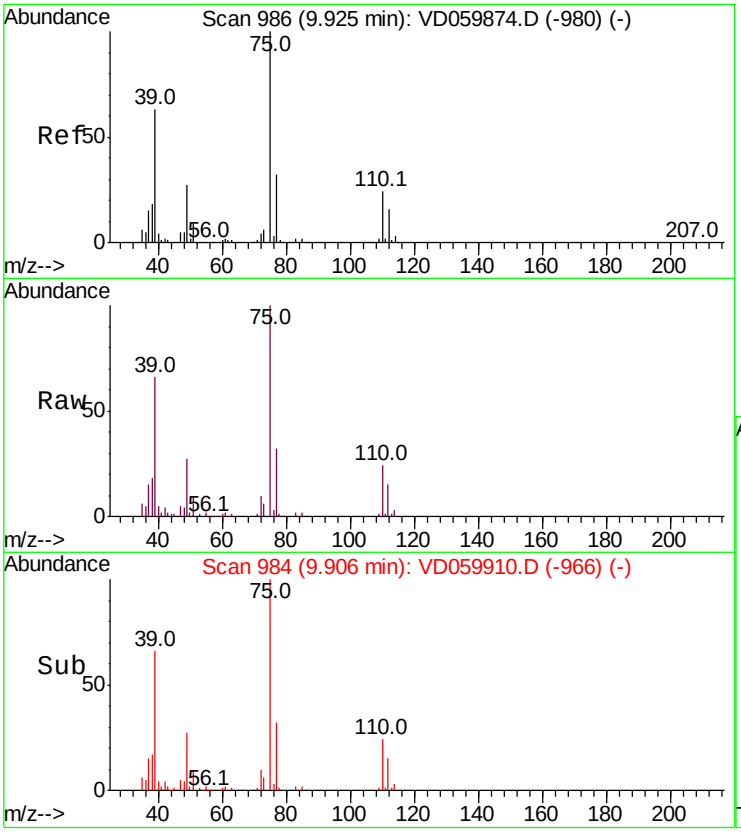




#52
Toluene
Concen: 19.661 ug/l
RT: 9.53 min Scan# 946
Delta R.T. -0.03 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 92 Resp: 511045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 163.9 | 131.4 | 197.2 |



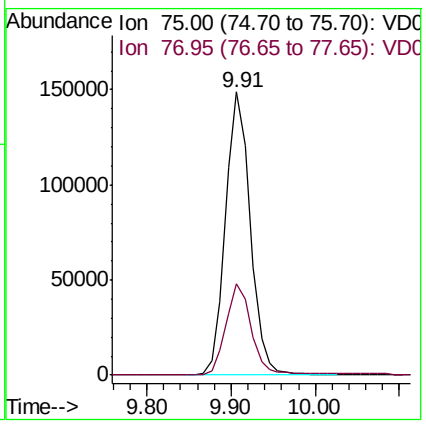


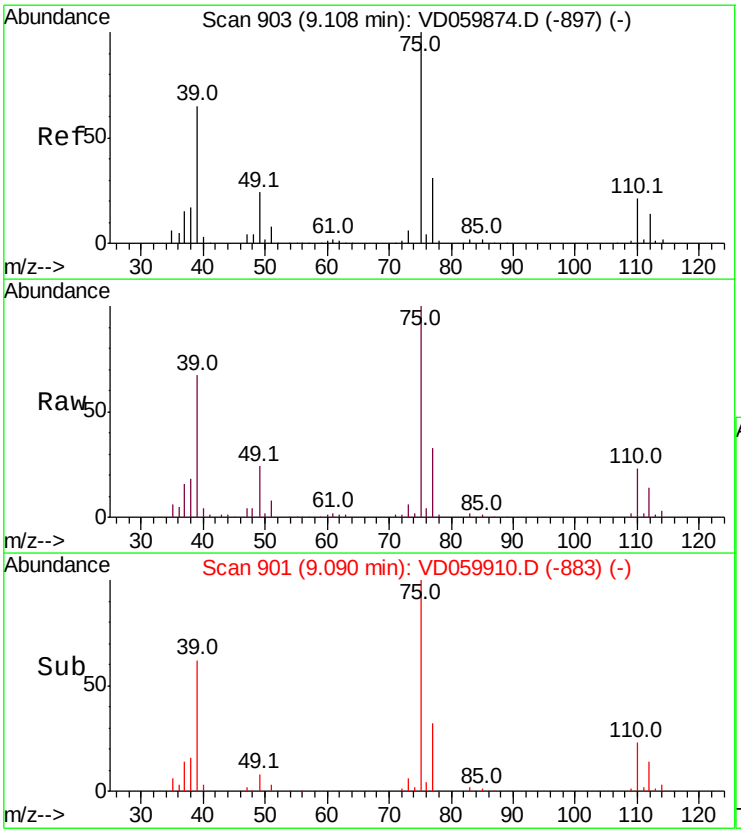

#53
t-1,3-Dichloropropene
Concen: 19.938 ug/l
RT: 9.91 min Scan# 984
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 75 Resp: 304150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.5 | 25.4 | 38.2 |

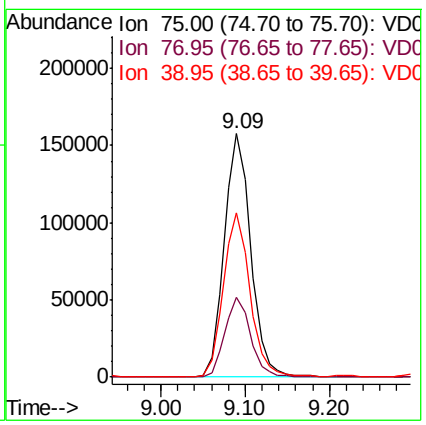


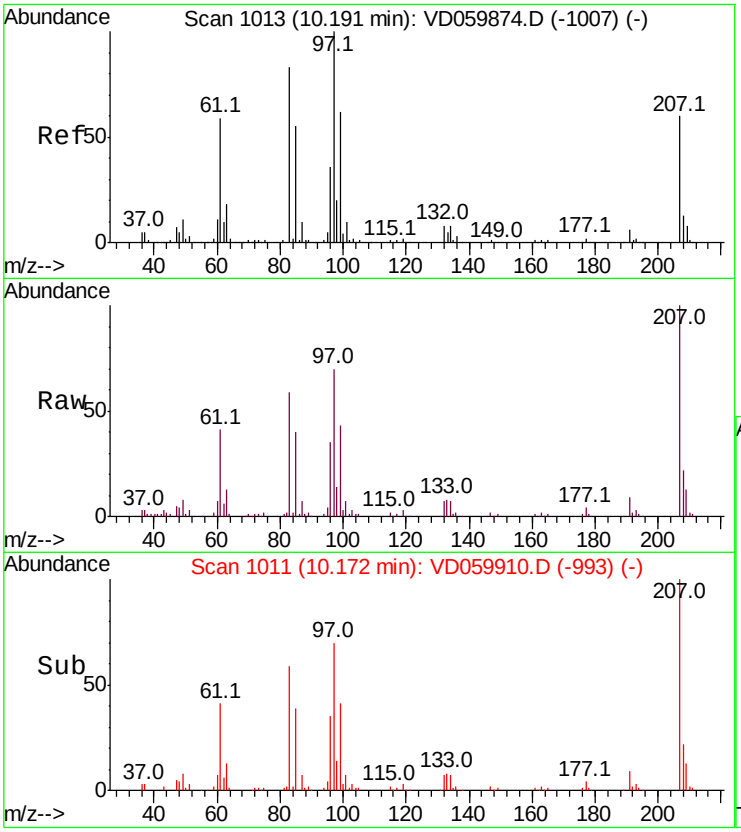




#54
cis-1,3-Dichloropropene
Concen: 19.505 ug/l
RT: 9.09 min Scan# 901
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 75 Resp: 344986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.6 | 24.8 | 37.2 |
| 39 | 67.3 | 52.1 | 78.1 |



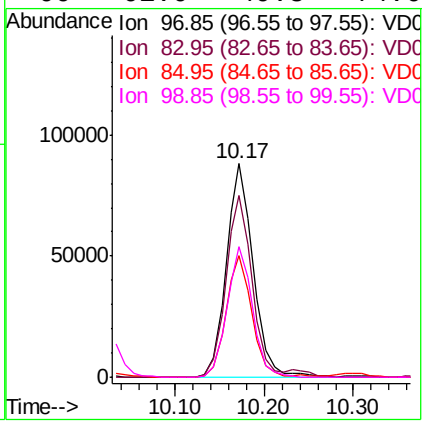


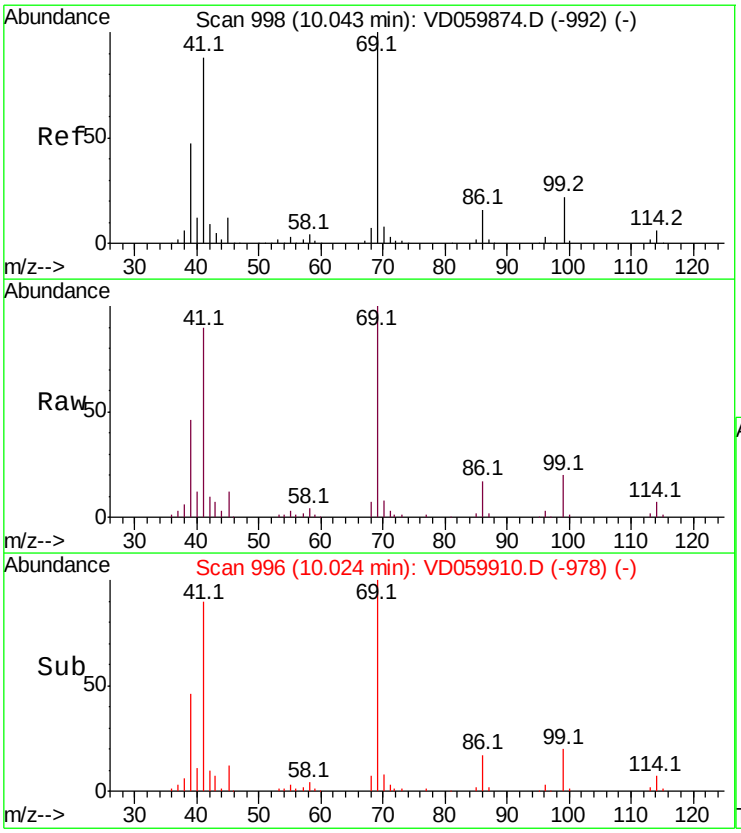

#55
1,1,2-Trichloroethane
Concen: 19.529 ug/l
RT: 10.17 min Scan# 1011
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 97 Resp: 185547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.1 | 66.7 | 100.1 |
| 85 | 57.0 | 43.8 | 65.6 |
| 99 | 61.0 | 49.8 | 74.6 |

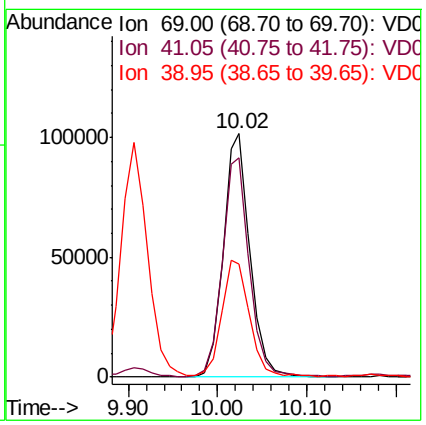


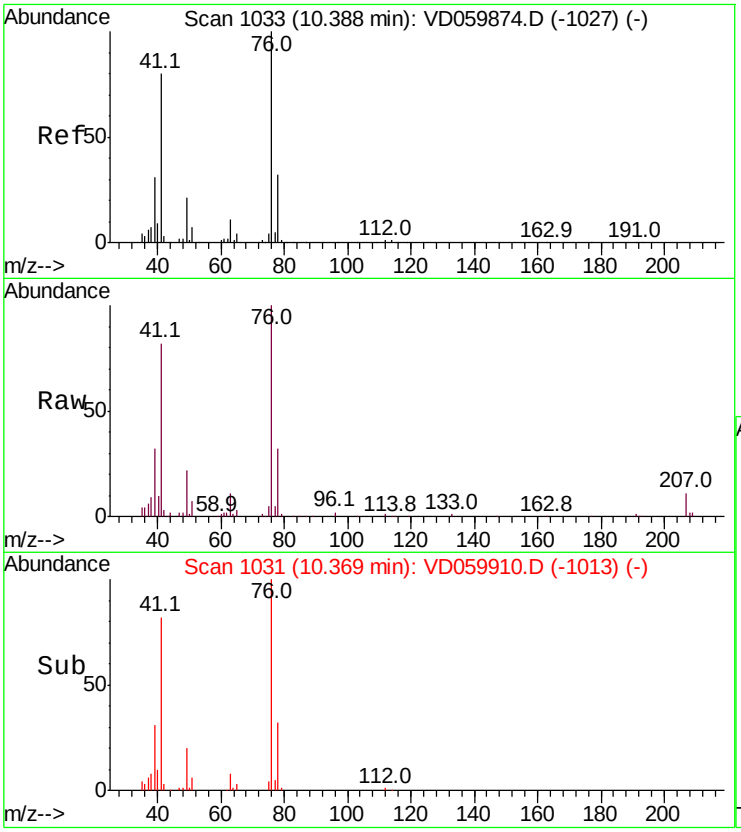




#56
Ethyl methacrylate
Concen: 19.397 ug/l
RT: 10.02 min Scan# 996
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 69 Resp: 212692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 90.2 | 71.0 | 106.4 |
| 39 | 46.5 | 38.5 | 57.7 |



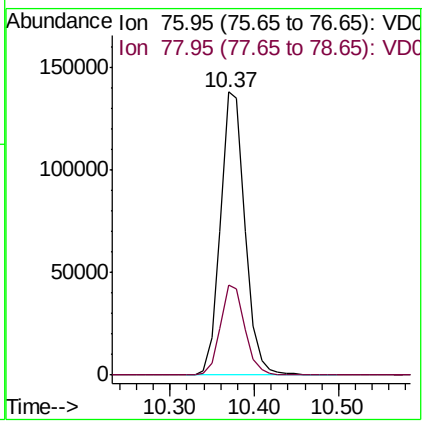


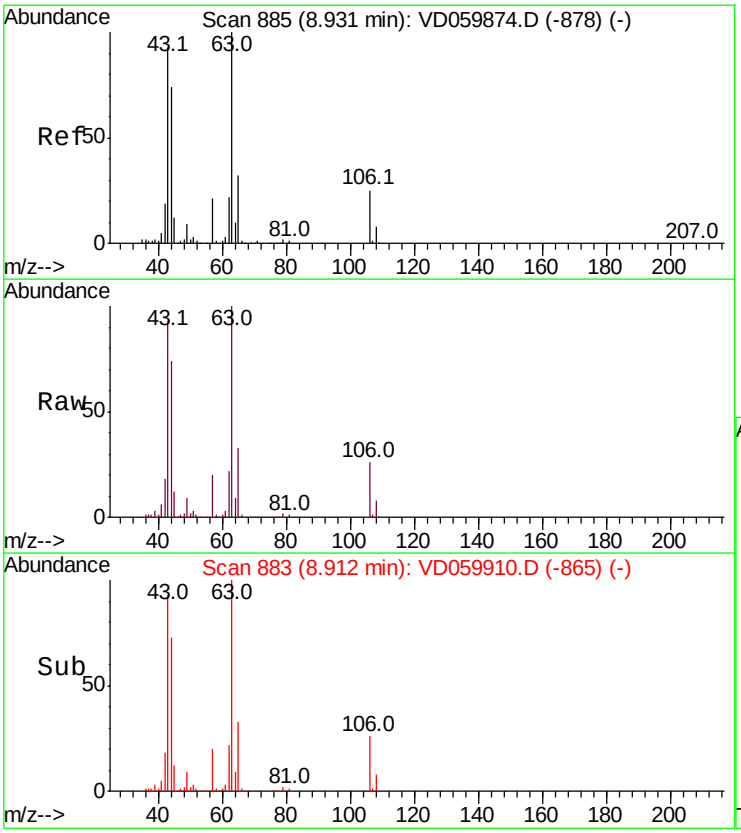

#57
1,3-Dichloropropane
Concen: 20.176 ug/l
RT: 10.37 min Scan# 1031
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 76 Resp: 277453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.9 | 25.8 | 38.6 |

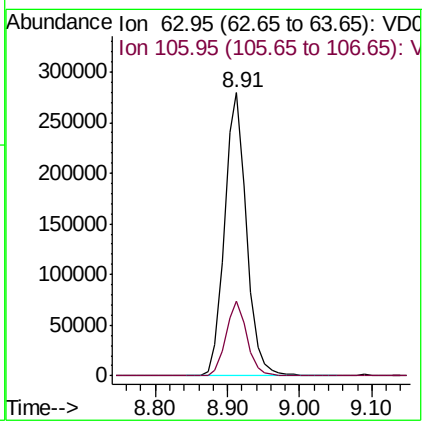


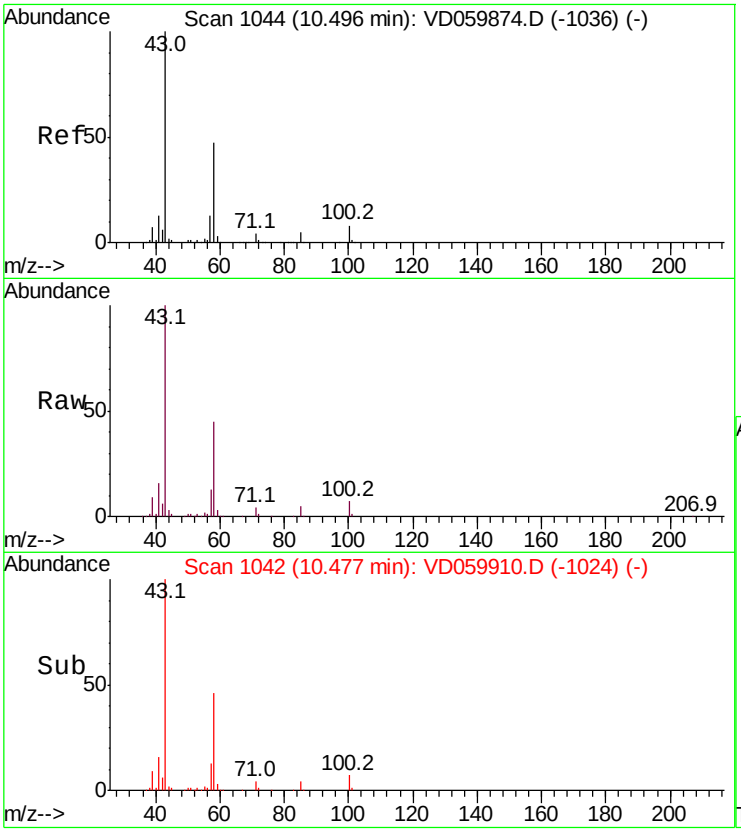




#58
2-Chloroethyl Vinyl ether
Concen: 111.471 ug/l
RT: 8.91 min Scan# 883
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 63 Resp: 586375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 26.3 | 20.1 | 30.1 |



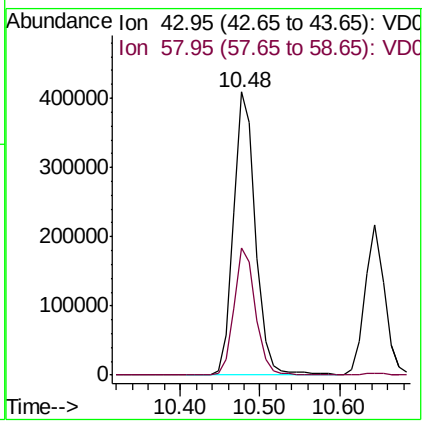


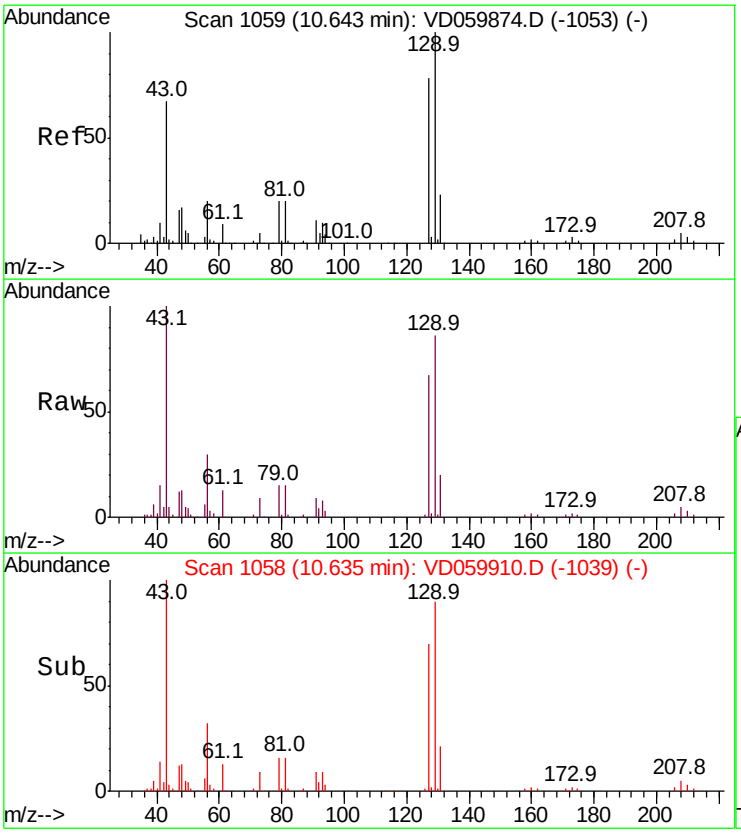

#59
2-Hexanone
Concen: 90.736 ug/l
RT: 10.48 min Scan# 1042
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 43 Resp: 787436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 45.1 | 23.3 | 69.8 |

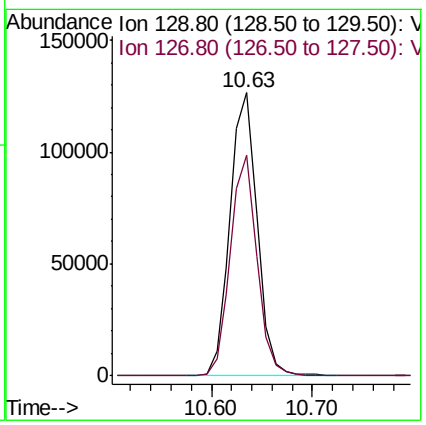


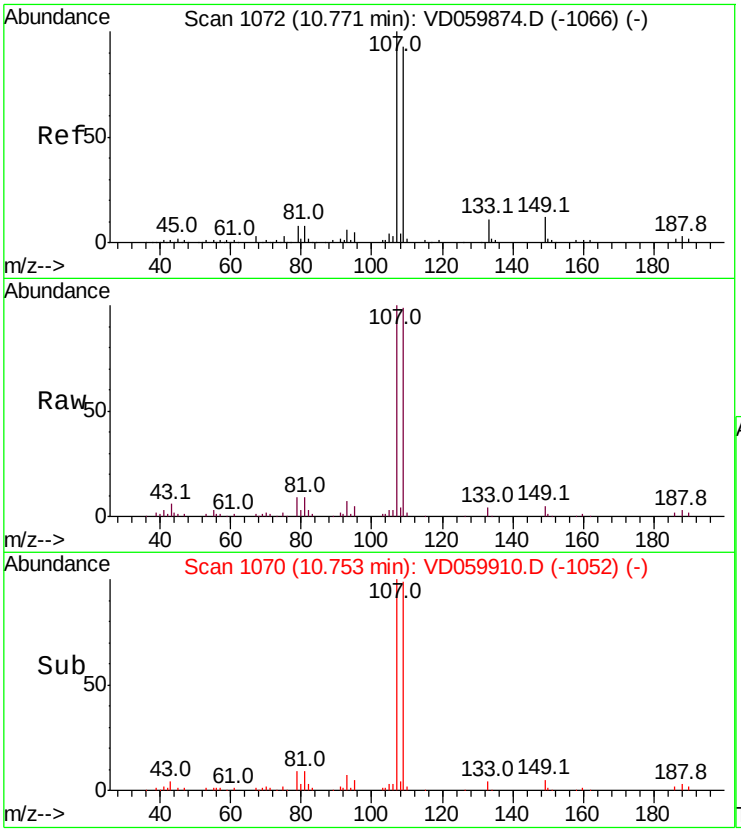




#60
Dibromochloromethane
Concen: 19.803 ug/l
RT: 10.63 min Scan# 1058
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion:129 Resp: 236493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.0 | 39.1 | 117.2 |



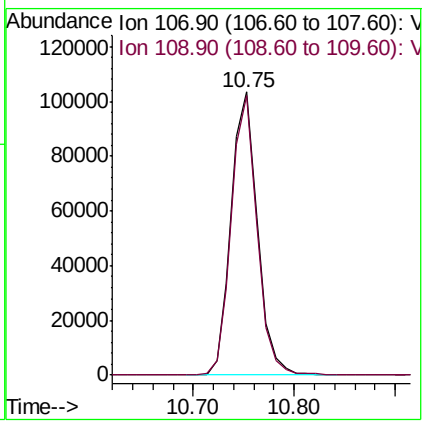


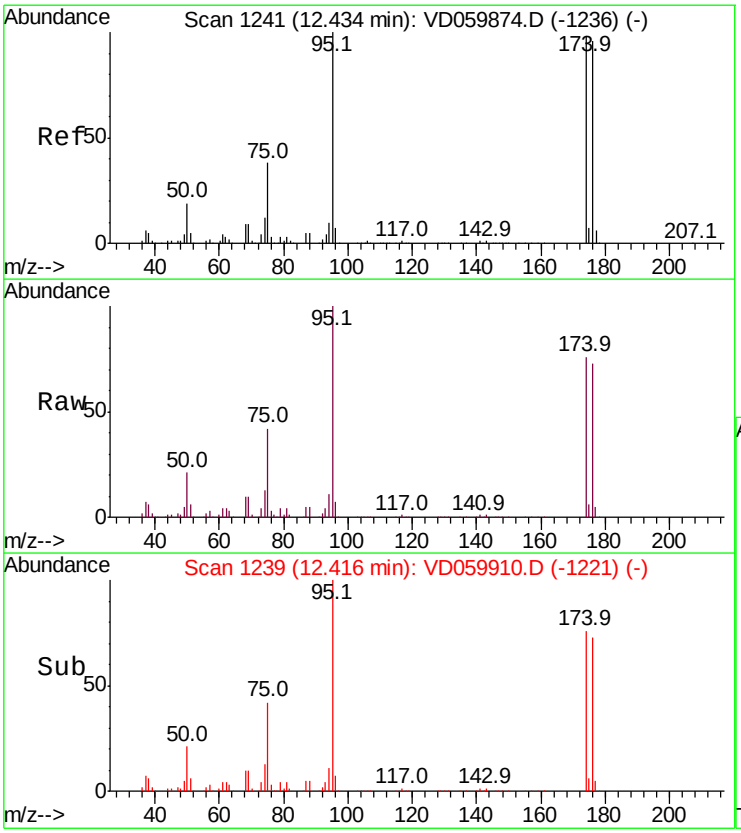

#61
1,2-Dibromoethane
Concen: 19.453 ug/l
RT: 10.75 min Scan# 1070
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion:107 Resp: 186889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 98.9 | 74.6 | 112.0 |

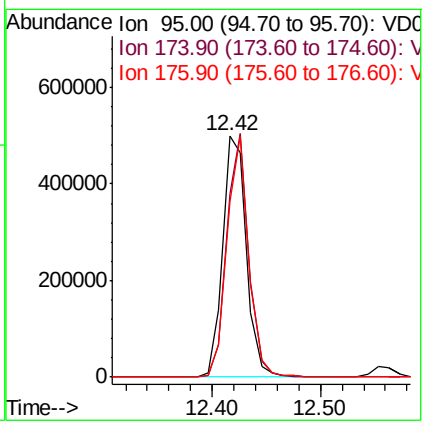


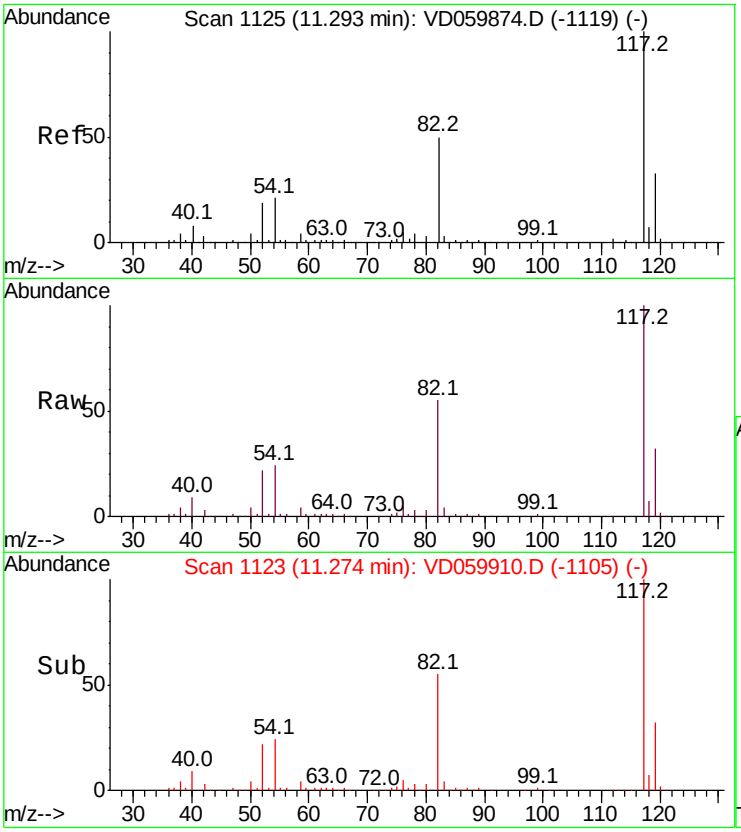




#62
4-Bromofluorobenzene
Concen: 19.453 ug/l
RT: 12.42 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 95 Resp: 761204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.9 | 0.0 | 195.6 |
| 176 | 72.6 | 0.0 | 191.2 |



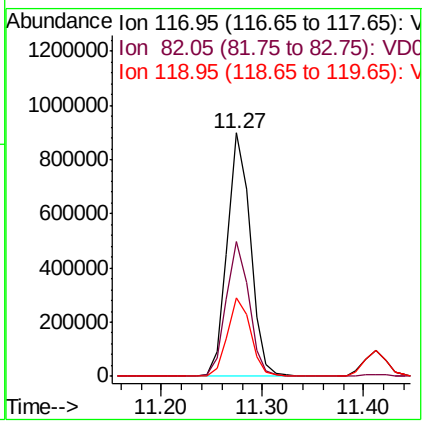


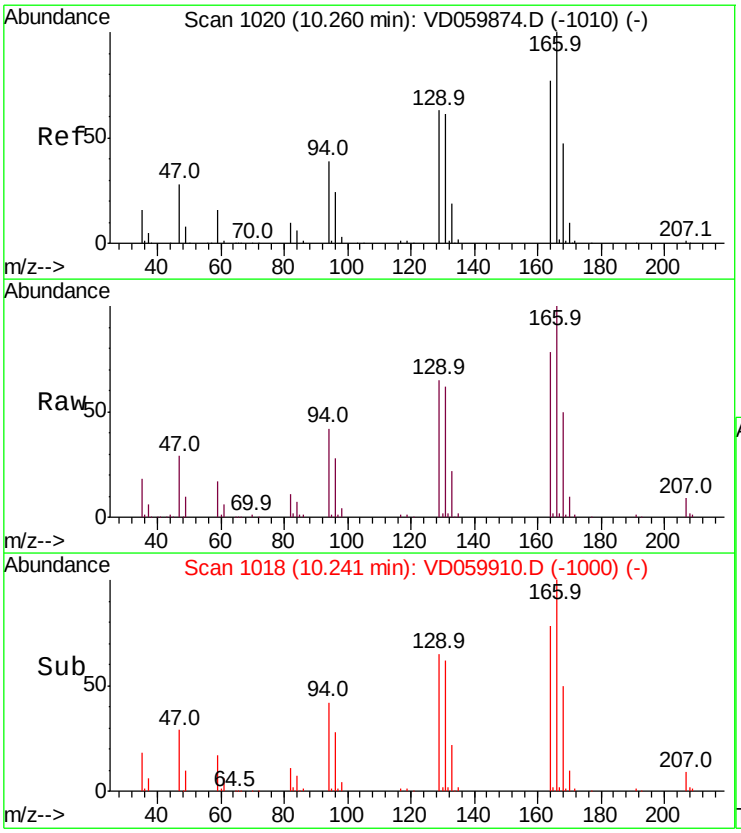

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 1123
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion:117 Resp: 1436052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.2 | 40.1 | 60.1 |
| 119 | 32.3 | 26.7 | 40.1 |

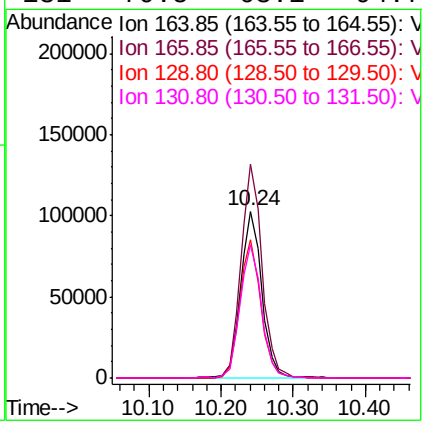


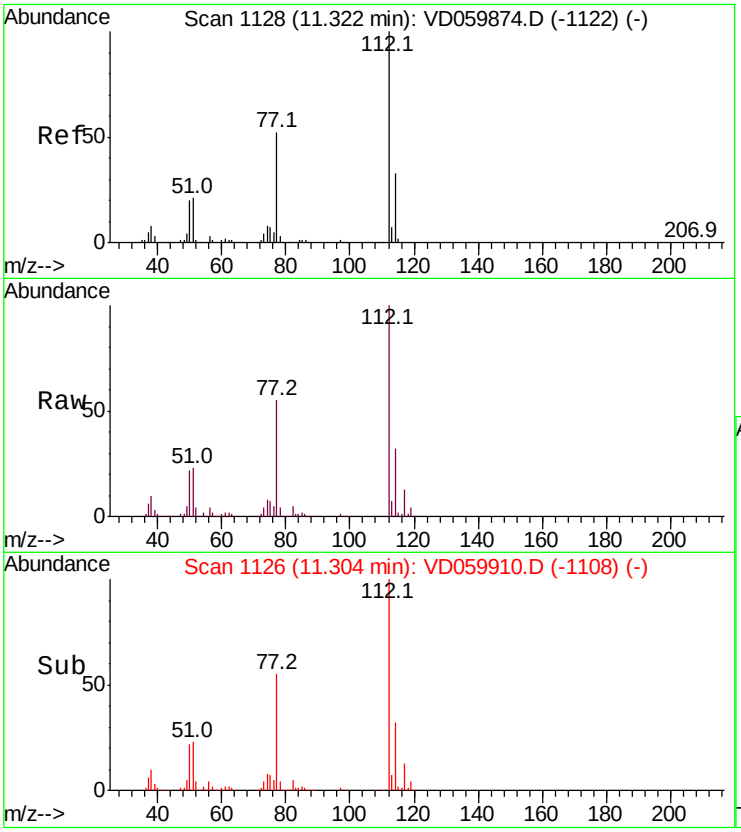




#64
Tetrachloroethene
Concen: 19.052 ug/l
RT: 10.24 min Scan# 1018
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion:164 Resp: 211552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.0 | 103.4 | 155.2 |
| 129 | 83.0 | 65.2 | 97.8 |
| 131 | 79.5 | 63.1 | 94.7 |



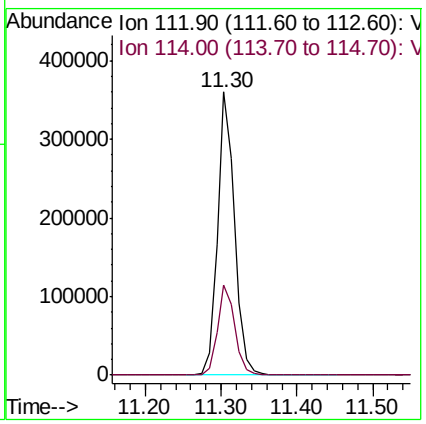


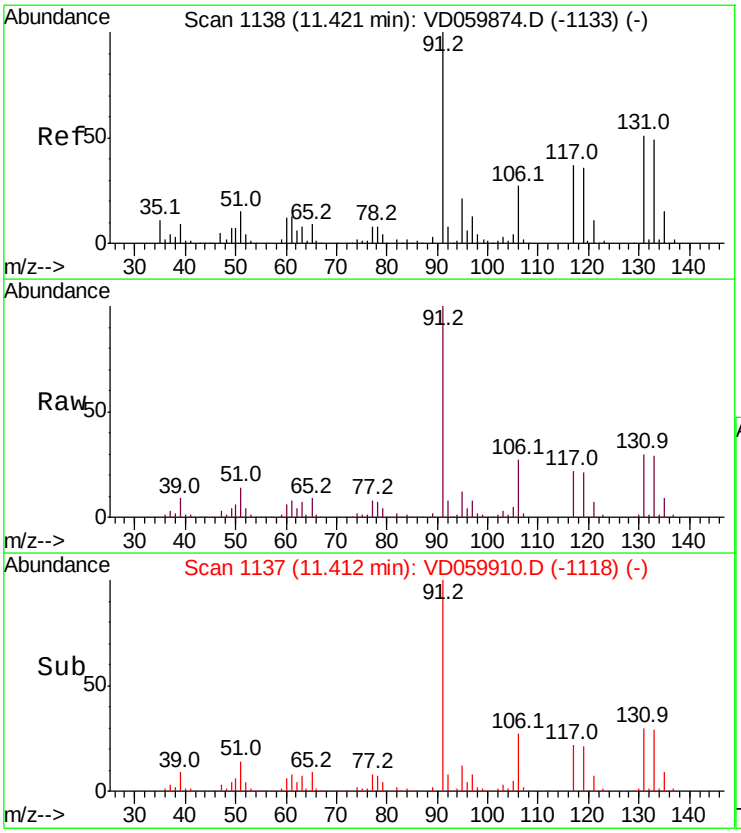

#65
Chlorobenzene
Concen: 19.829 ug/l
RT: 11.30 min Scan# 1126
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion:112 Resp: 565869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.8 | 26.4 | 39.6 |

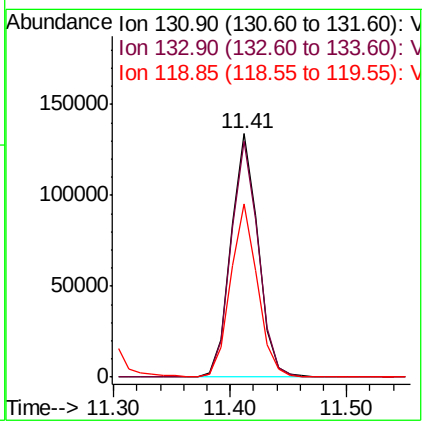


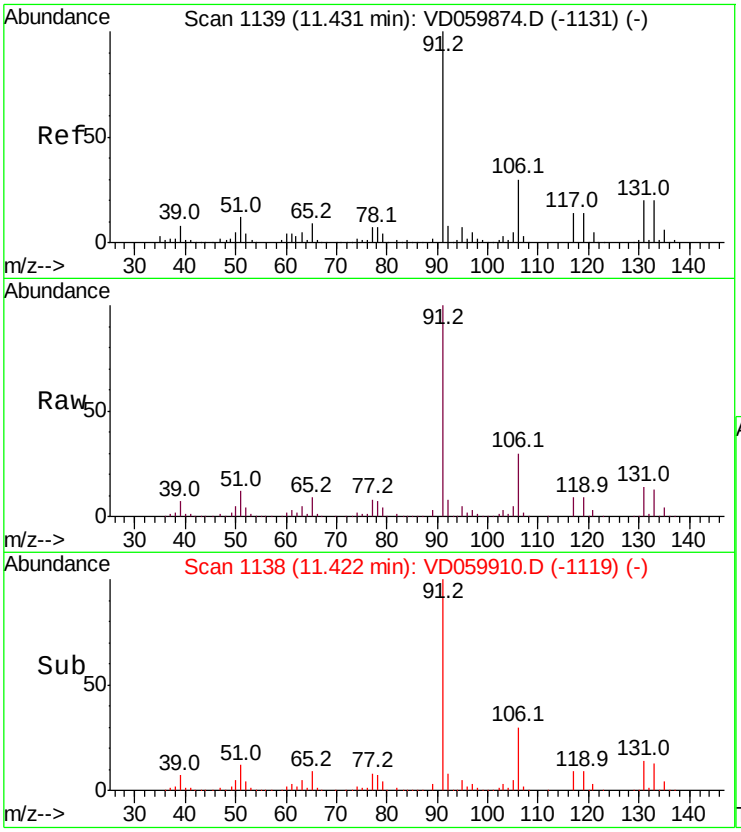




#66
1,1,1,2-Tetrachloroethane
Concen: 20.651 ug/l
RT: 11.41 min Scan# 1137
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion:131 Resp: 215301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.9 | 48.3 | 144.8 |
| 119 | 71.3 | 35.4 | 106.3 |



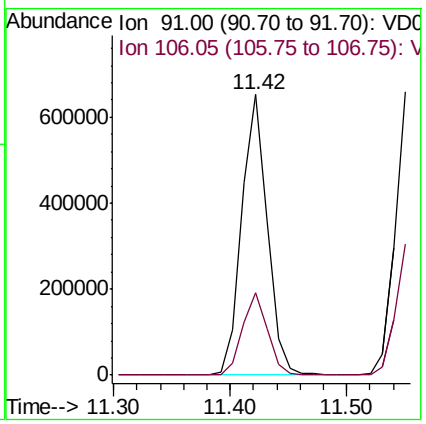


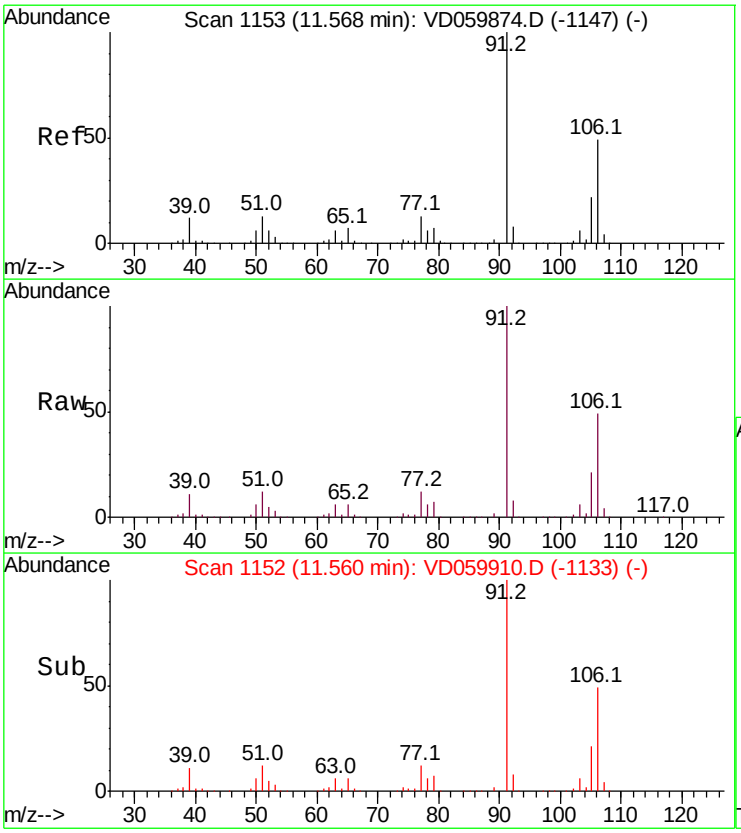

#67
Ethyl Benzene
Concen: 20.672 ug/l
RT: 11.42 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 91 Resp: 992425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.6 | 23.8 | 35.8 |

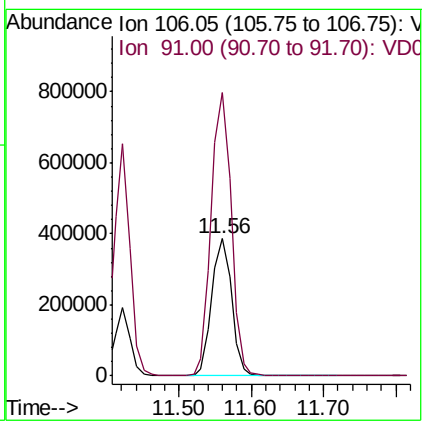


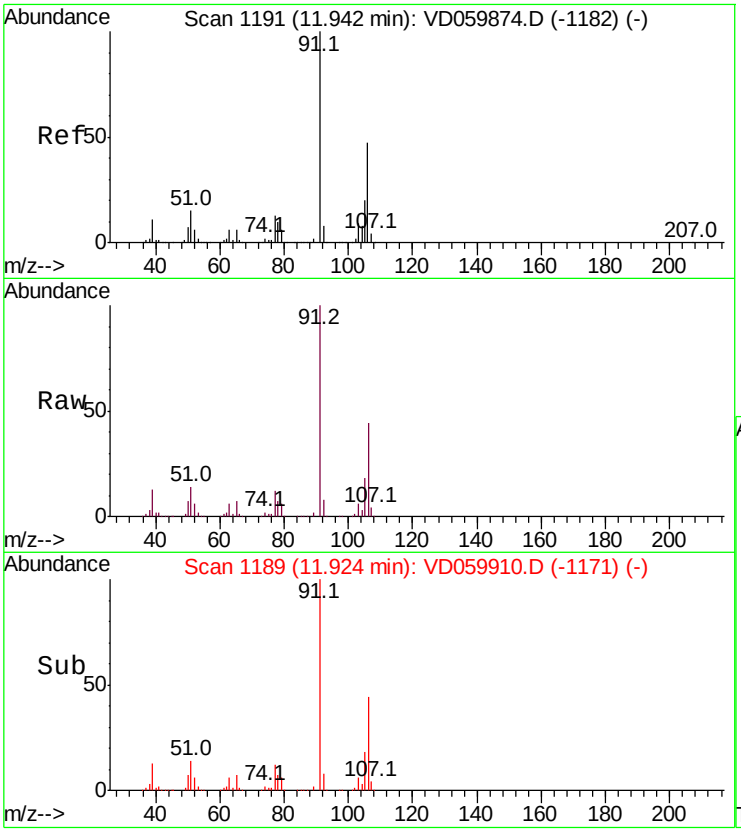




#68
m/p-Xylenes
Concen: 41.929 ug/l
RT: 11.56 min Scan# 1152
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion:106 Resp: 732911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 206.0 | 162.0 | 243.0 |



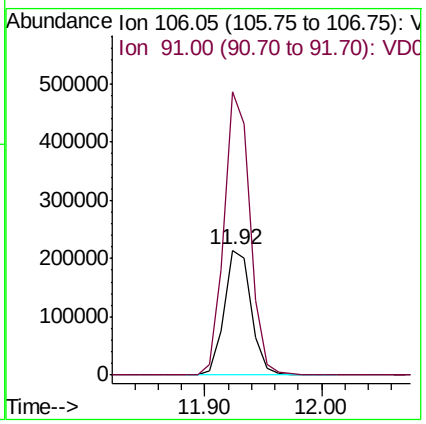


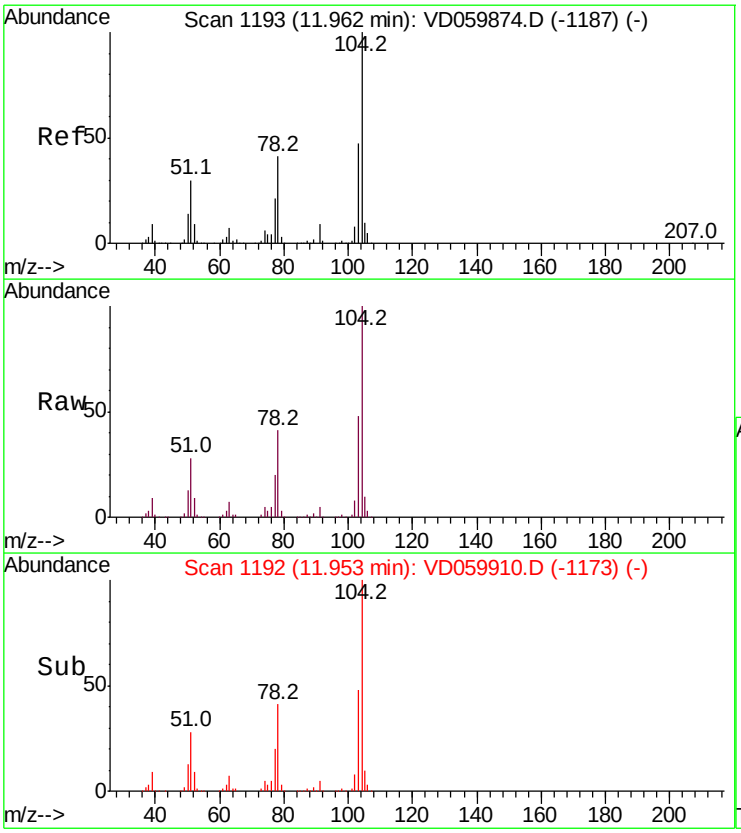

#69
o-Xylene
Concen: 20.109 ug/l
RT: 11.92 min Scan# 1189
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion:106 Resp: 343784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 226.2 | 107.3 | 322.0 |

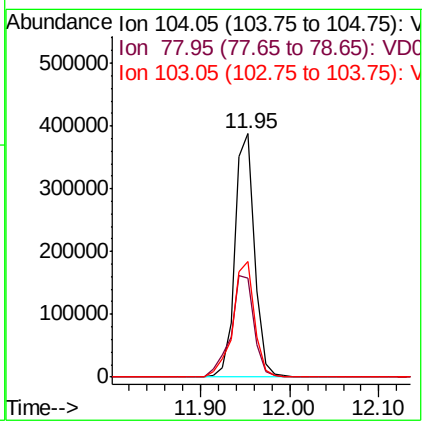


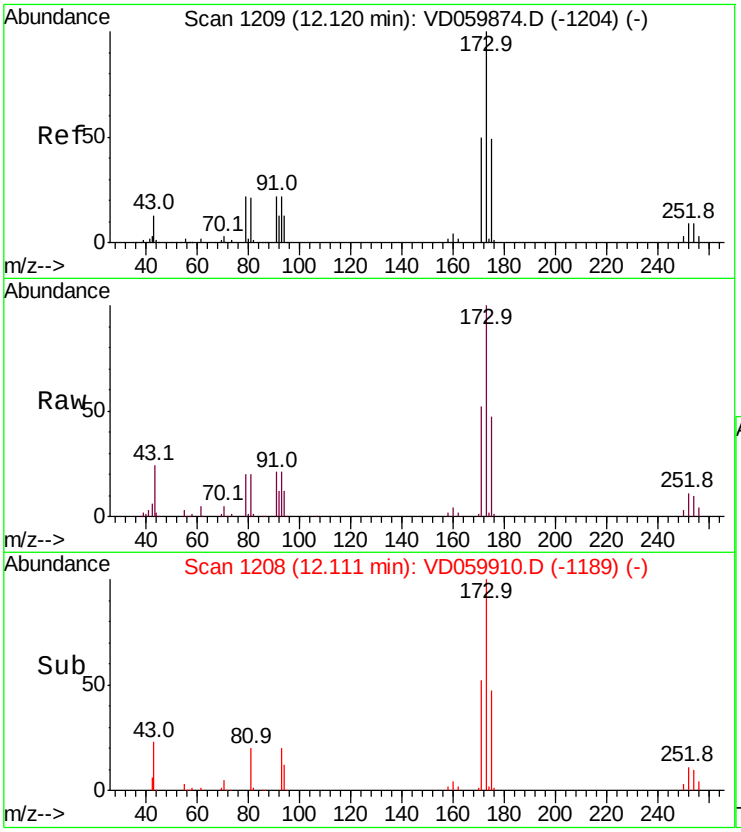




#70
Styrene
Concen: 20.197 ug/l
RT: 11.95 min Scan# 1192
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion:104 Resp: 597892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 40.7 | 32.6 | 49.0 |
| 103 | 47.6 | 37.7 | 56.5 |



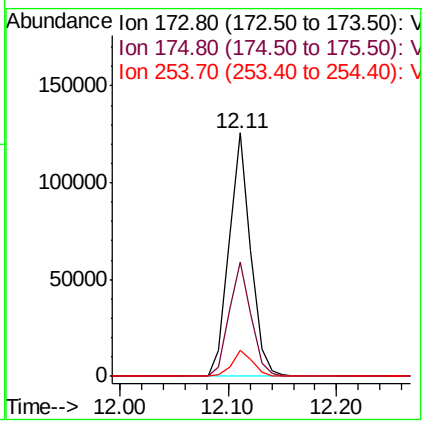


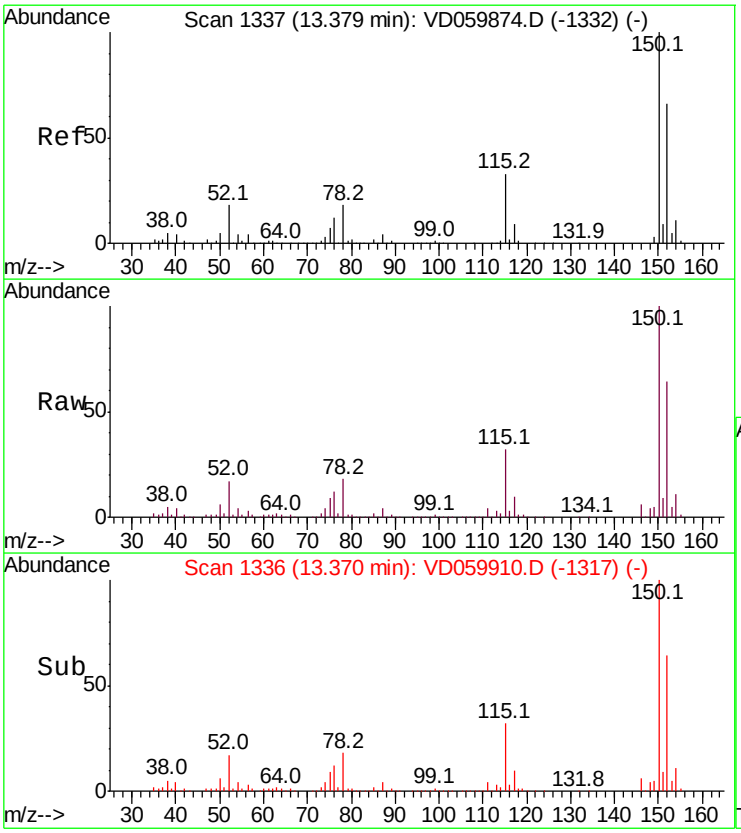

#71
Bromoform
Concen: 19.444 ug/l
RT: 12.11 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion:173 Resp: 175399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 47.1 | 24.3 | 73.0 |
| 254 | 10.5 | 7.0 | 10.6 |

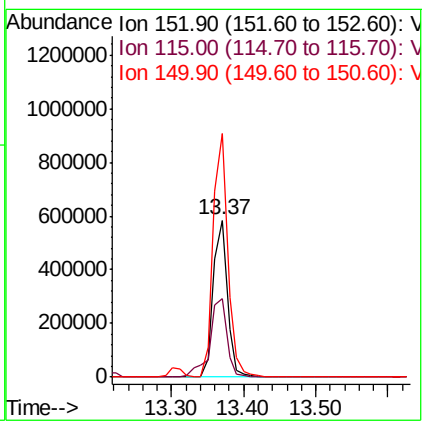


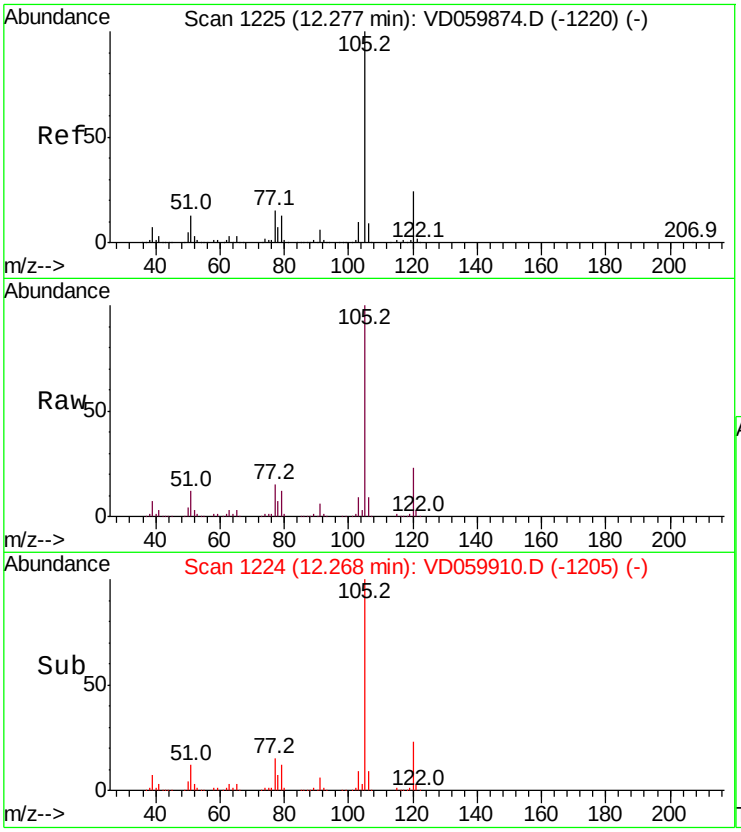




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion:152 Resp: 785120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 50.0 | 25.7 | 77.0 |
| 150 | 155.5 | 0.0 | 310.2 |



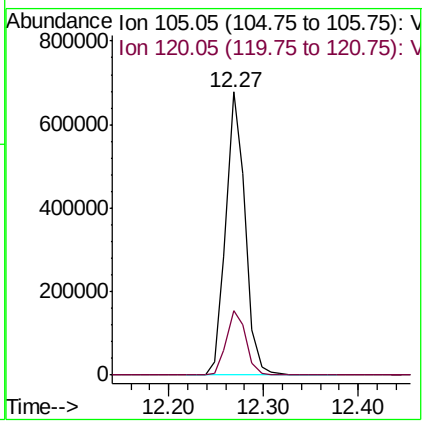


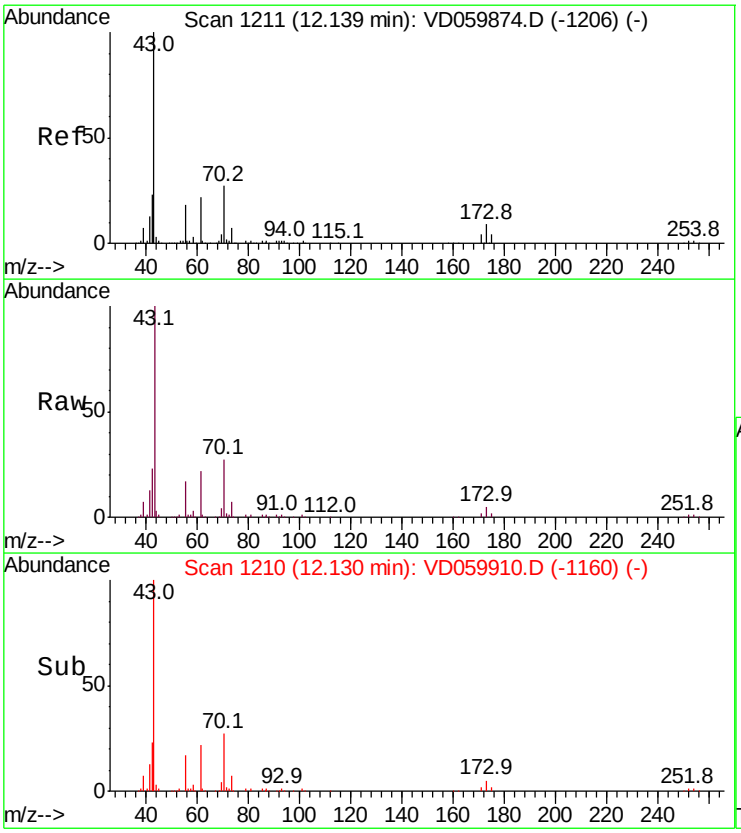

#73
Isopropylbenzene
Concen: 19.038 ug/l
RT: 12.27 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion:105 Resp: 954143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 23.0 | 11.8 | 35.4 |

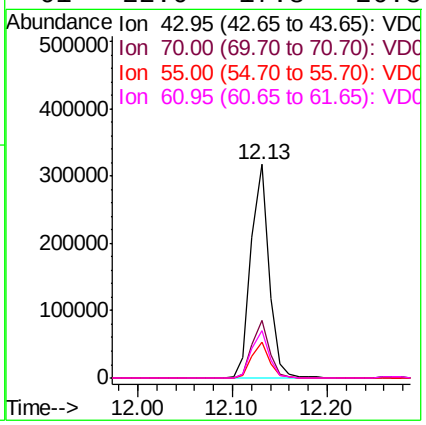


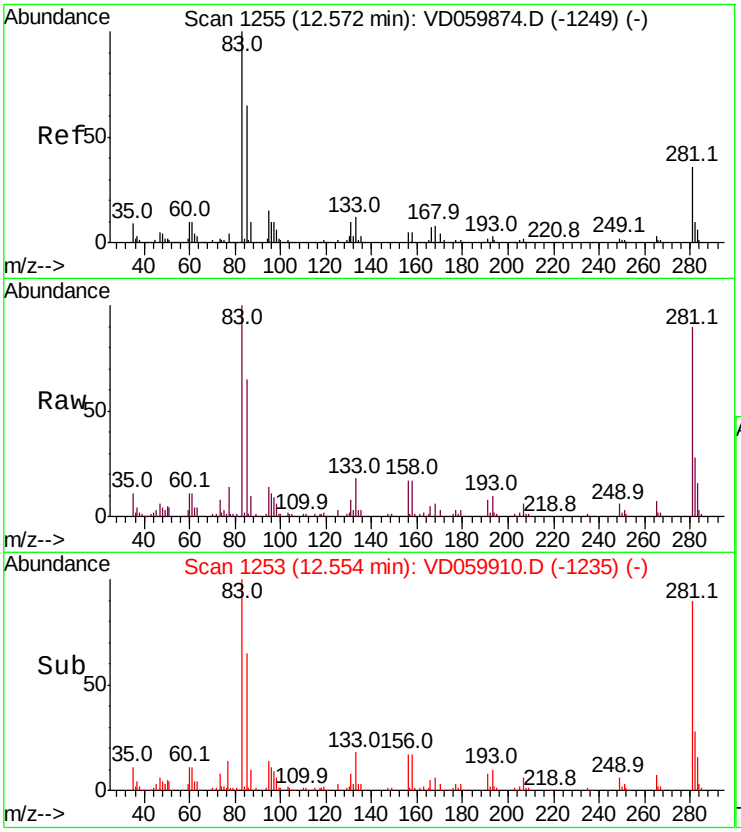




#74
N-amyl acetate
Concen: 19.069 ug/l
RT: 12.13 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 43 Resp: 418458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 26.9 | 21.4 | 32.2 |
| 55 | 16.7 | 14.1 | 21.1 |
| 61 | 22.0 | 17.8 | 26.8 |



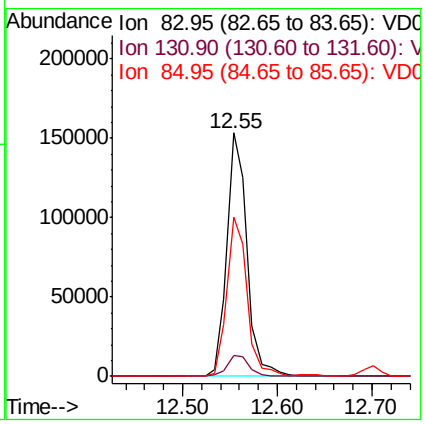


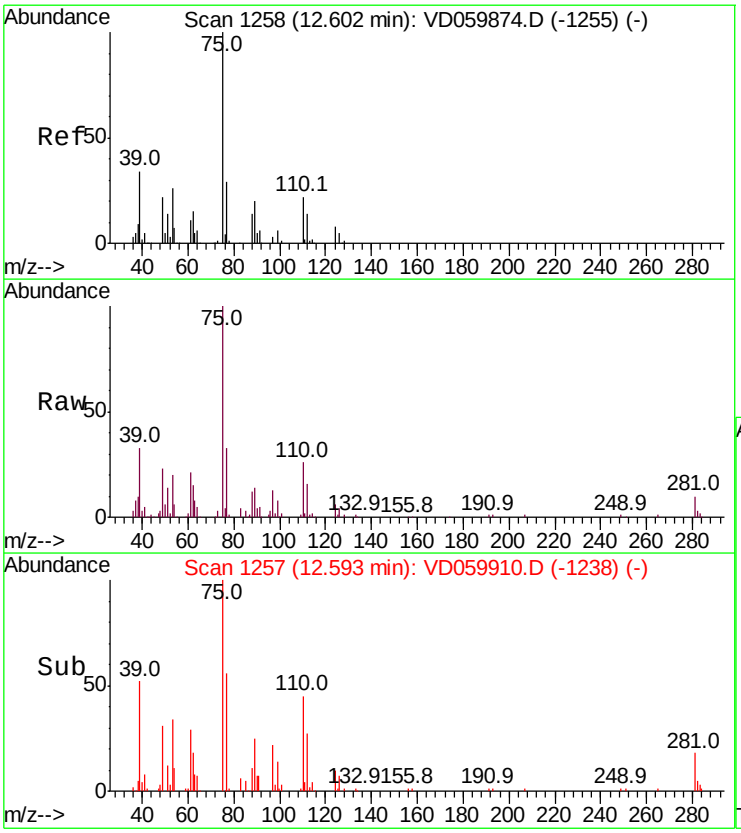

#75
1,1,2,2-Tetrachloroethane
Concen: 19.512 ug/l
RT: 12.55 min Scan# 1253
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 83 Resp: 226199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 8.4 | 4.8 | 14.4 |
| 85 | 65.5 | 32.6 | 97.8 |

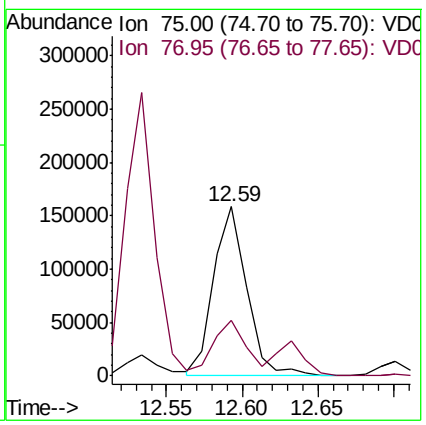


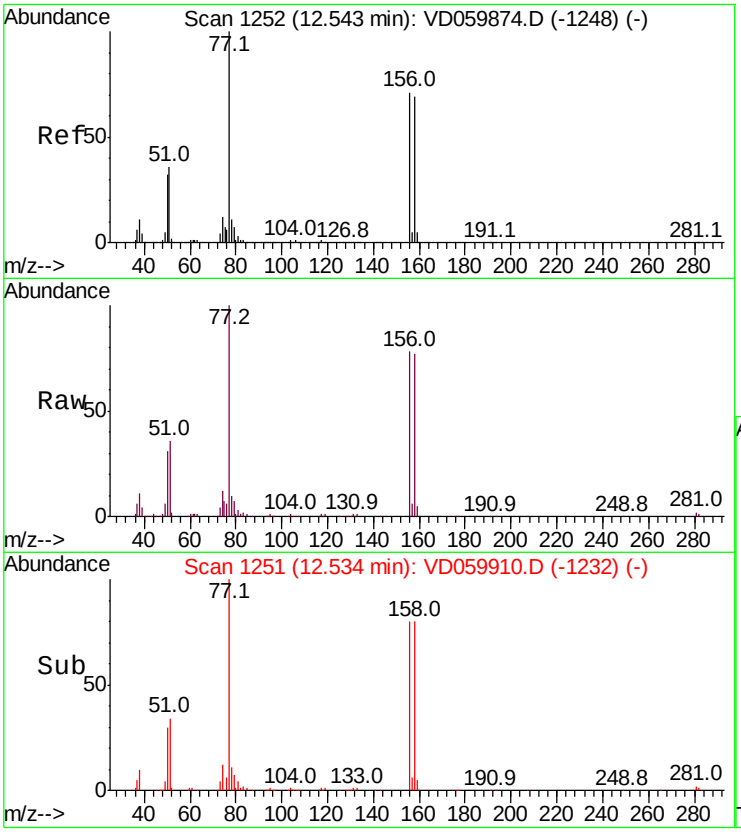




#76
1,2,3-Trichloropropane
Concen: 19.740 ug/l
RT: 12.59 min Scan# 1257
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 75 Resp: 240876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.0 | 16.4 | 49.2 |



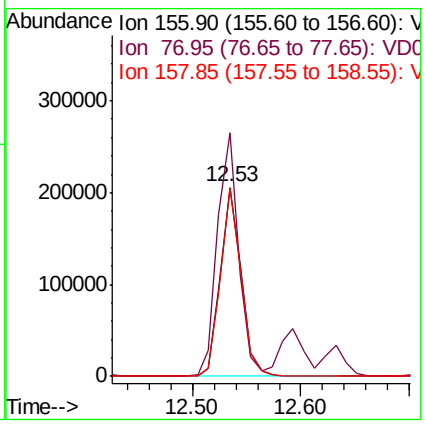


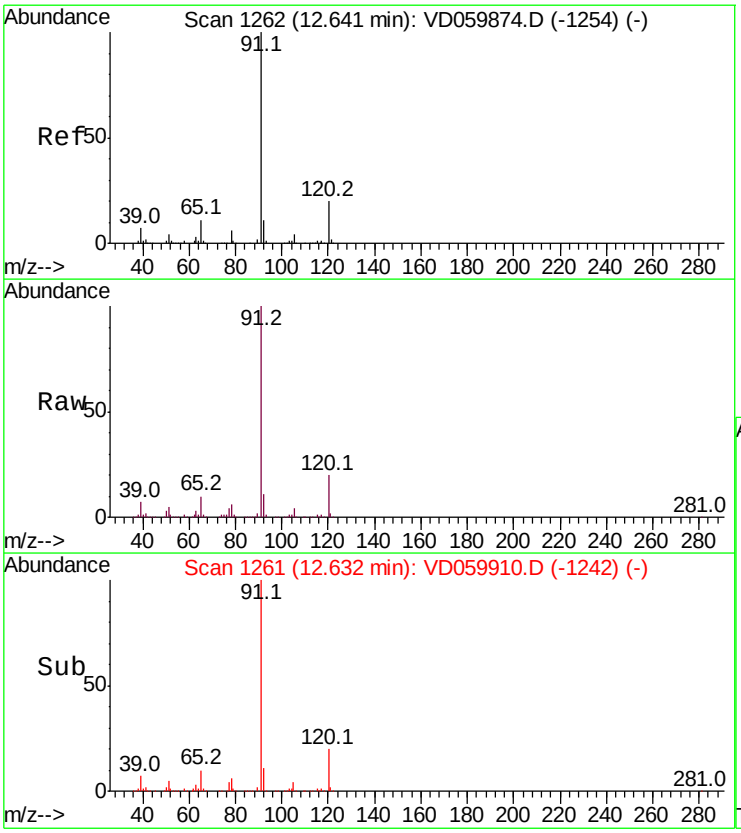

#77
Bromobenzene
Concen: 19.755 ug/l
RT: 12.53 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion:156 Resp: 274504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 128.8 | 70.2 | 210.4 |
| 158 | 99.5 | 48.4 | 145.2 |

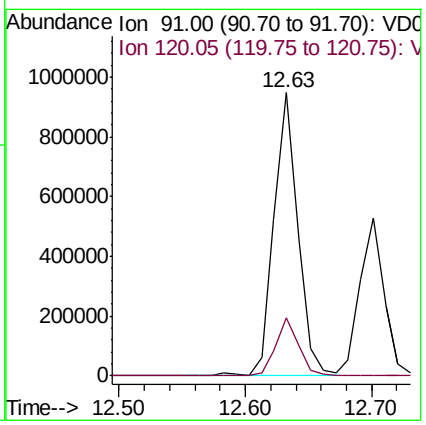


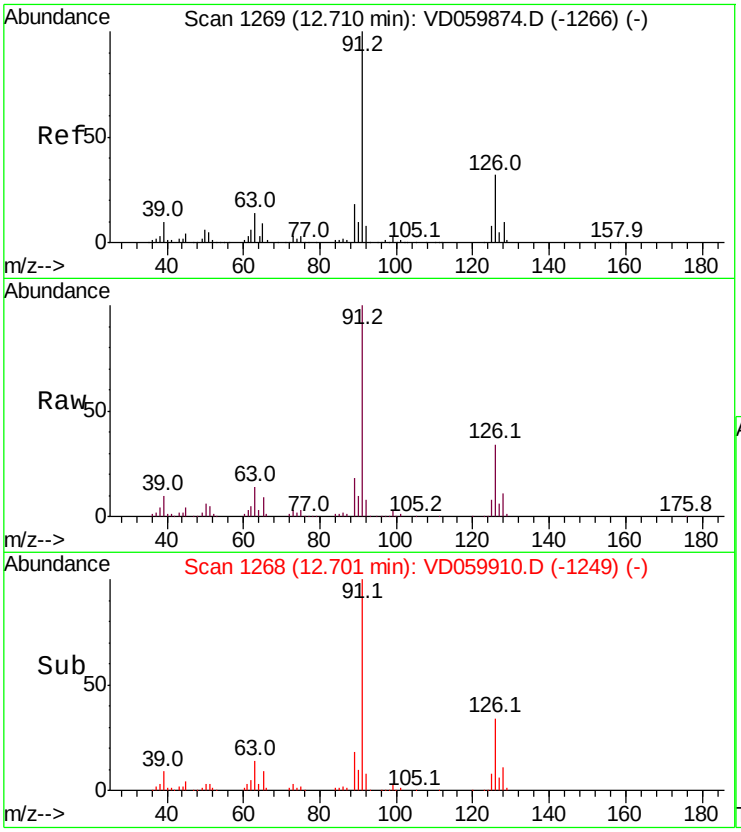




#78
n-propylbenzene
Concen: 19.747 ug/l
RT: 12.63 min Scan# 1261
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 91 Resp: 1253174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 20.4 | 10.1 | 30.3 |



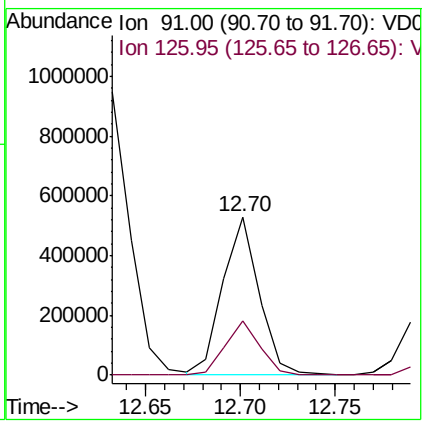


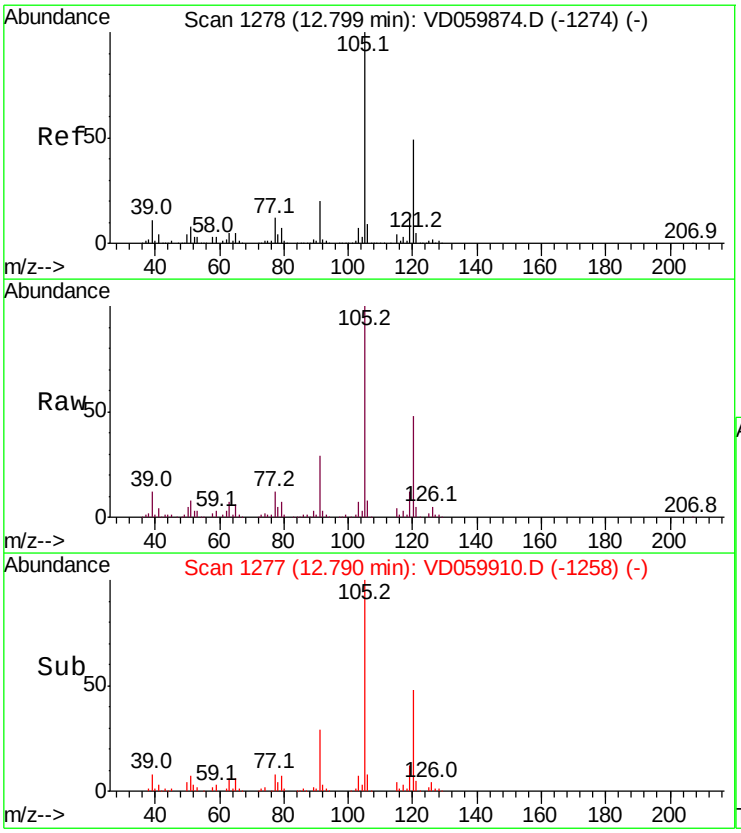

#79
2-Chlorotoluene
Concen: 19.585 ug/l
RT: 12.70 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 91 Resp: 702910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.4 | 16.1 | 48.2 |

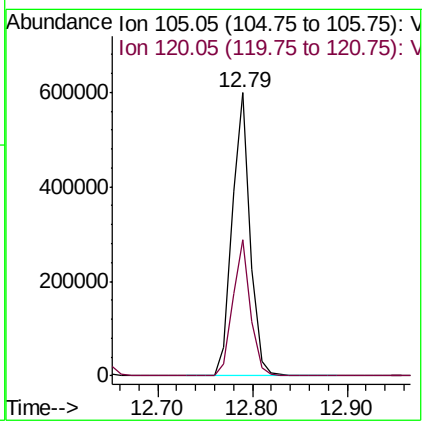


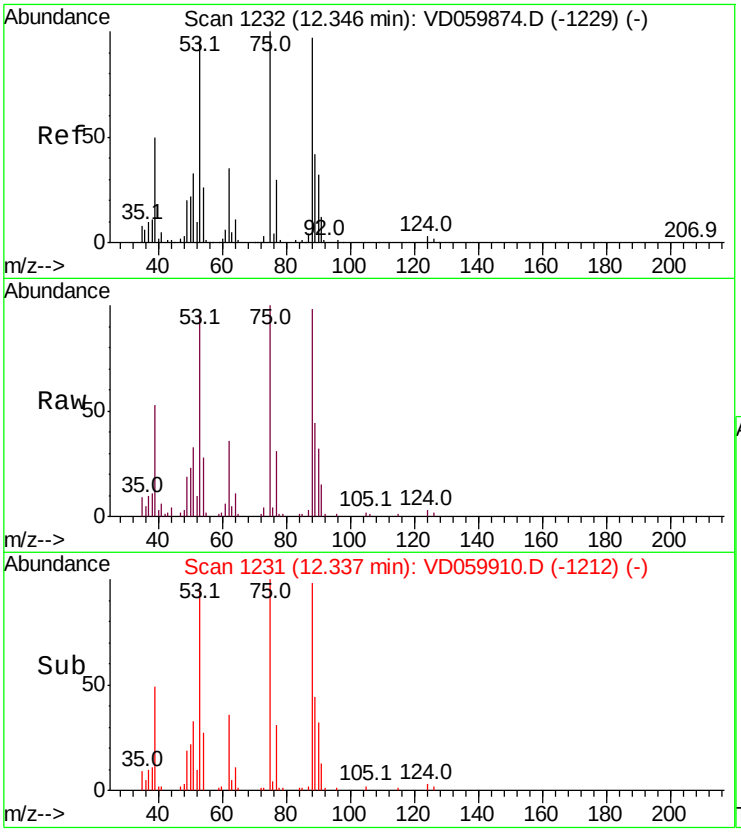




#80
1,3,5-Trimethylbenzene
Concen: 19.526 ug/l
RT: 12.79 min Scan# 1277
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion:105 Resp: 778015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.1 | 24.5 | 73.5 |



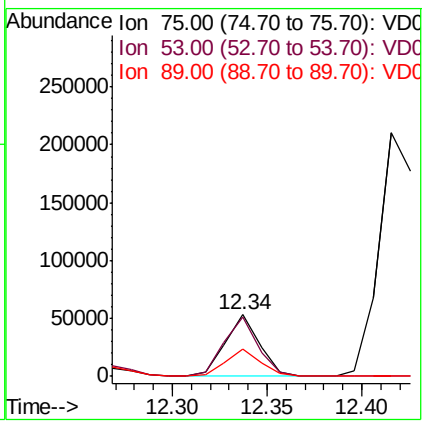


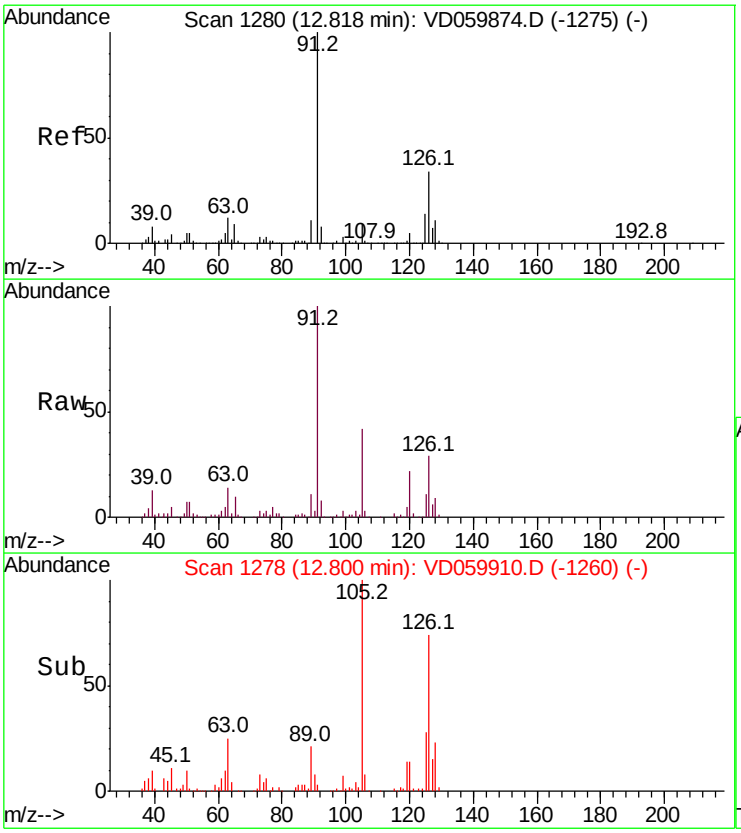

#81
trans-1,4-Dichloro-2-butene
Concen: 17.747 ug/l
RT: 12.34 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 75 Resp: 67365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 95.4 | 75.8 | 113.6 |
| 89 | 44.0 | 33.6 | 50.4 |

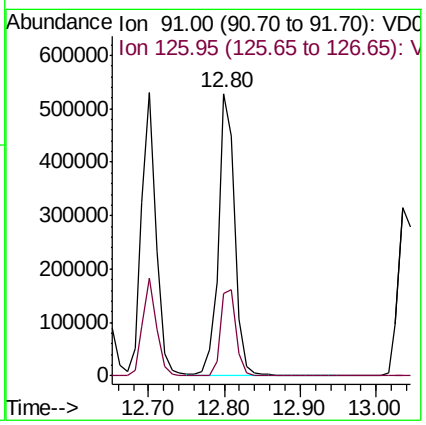


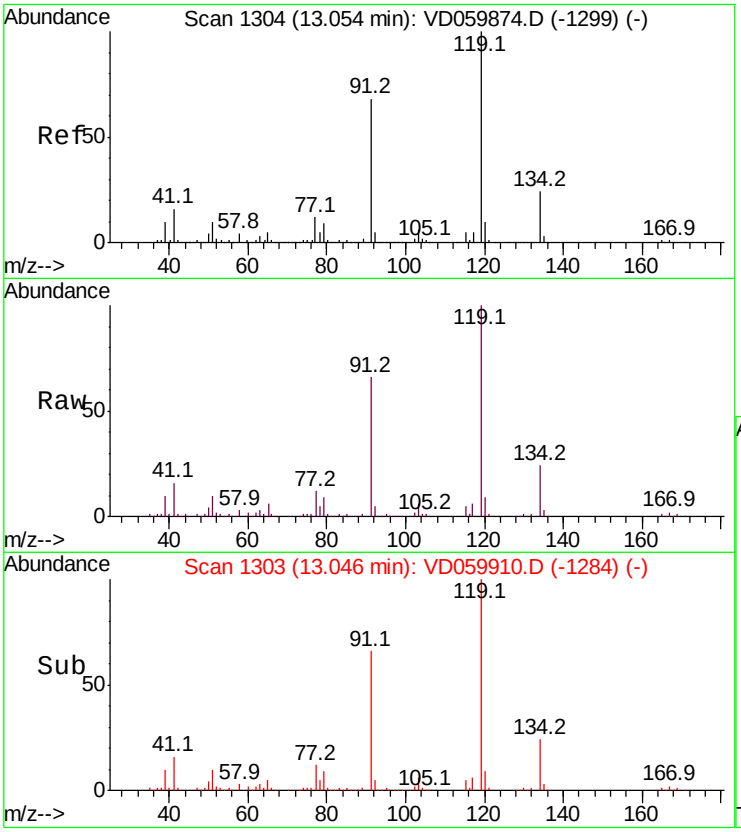




#82
4-Chlorotoluene
Concen: 19.407 ug/l
RT: 12.80 min Scan# 1278
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 91 Resp: 794449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 29.1 | 17.1 | 51.2 |



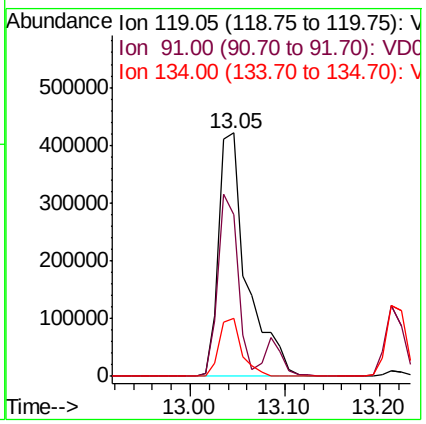


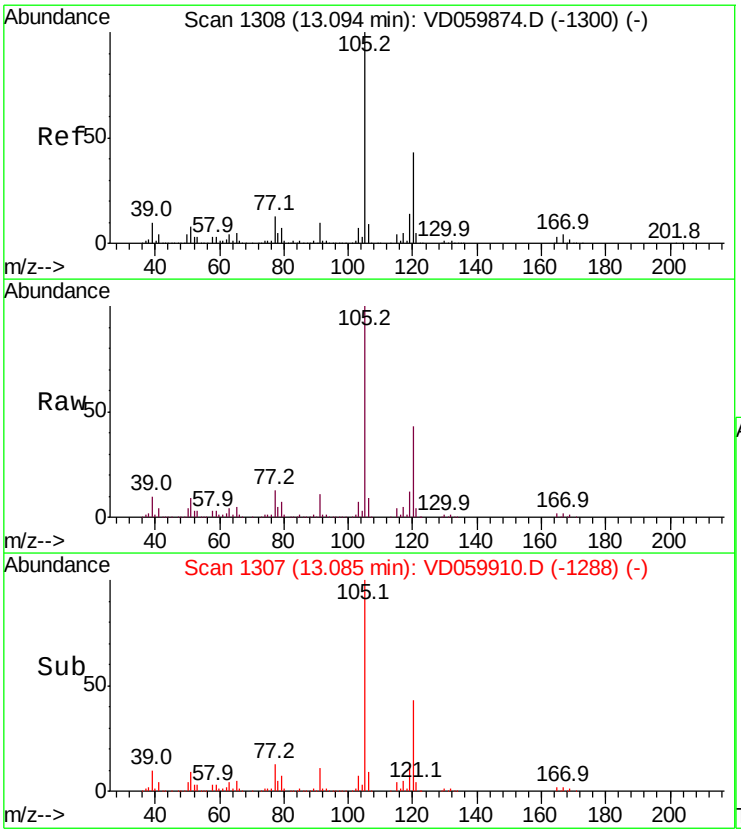

#83
tert-Butylbenzene
Concen: 19.232 ug/l
RT: 13.05 min Scan# 1303
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion:119 Resp: 872932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 66.3 | 34.3 | 102.9 |
| 134 | 23.7 | 11.9 | 35.9 |

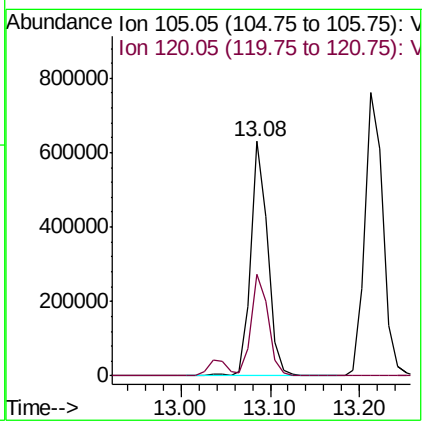


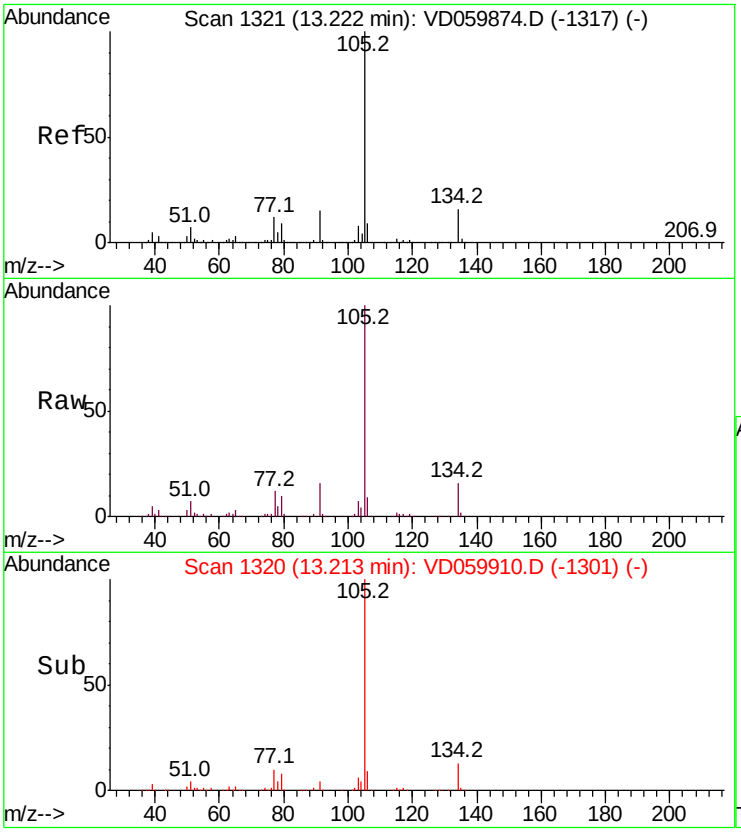




#84
1,2,4-Trimethylbenzene
Concen: 19.681 ug/l
RT: 13.08 min Scan# 1307
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion:105 Resp: 817384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.1 | 21.8 | 65.3 |



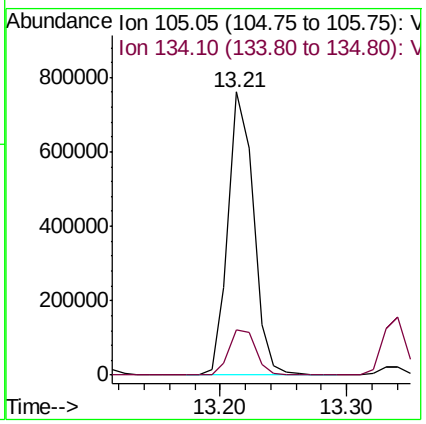


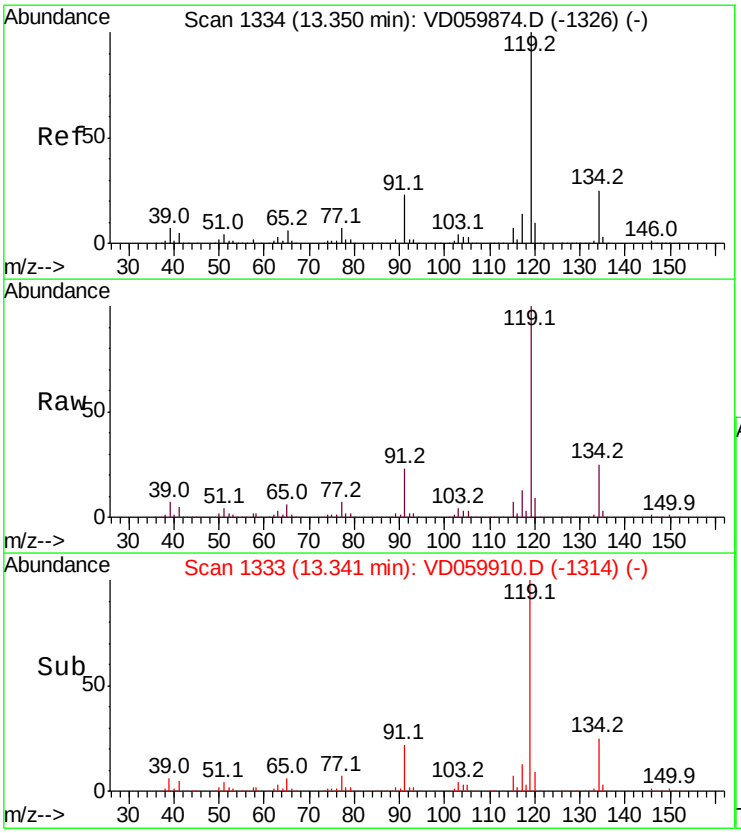

#85
sec-Butylbenzene
Concen: 19.837 ug/l
RT: 13.21 min Scan# 1320
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion:105 Resp: 1058867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 16.1 | 8.2 | 24.4 |

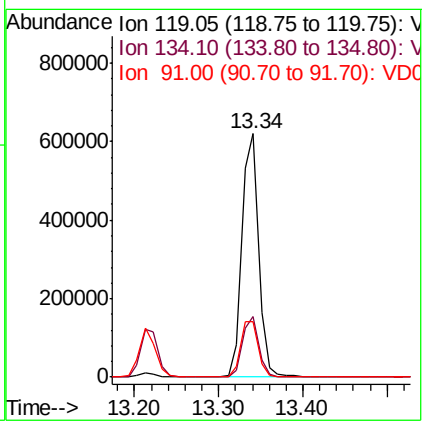


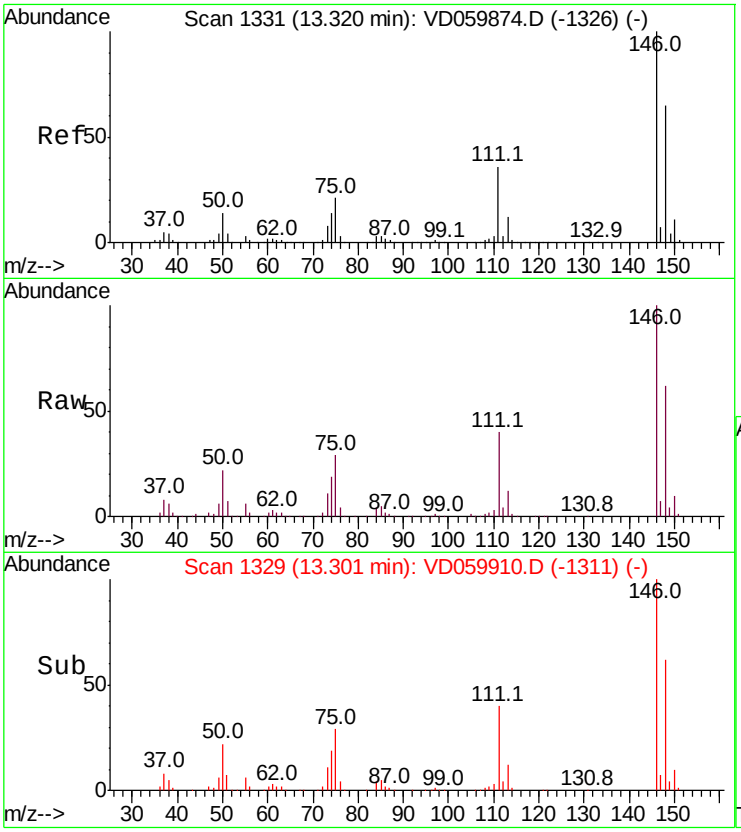




#86
p-Isopropyltoluene
Concen: 19.699 ug/l
RT: 13.34 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion:119 Resp: 855151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.0 | 12.7 | 38.1 |
| 91 | 22.6 | 11.7 | 35.0 |



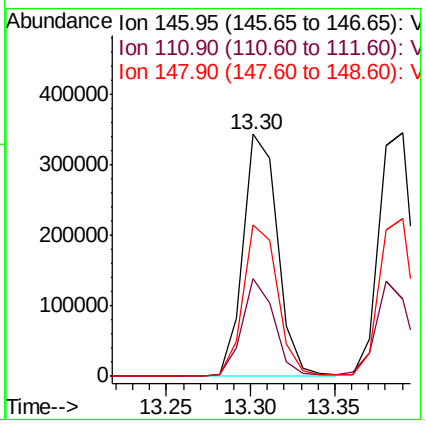


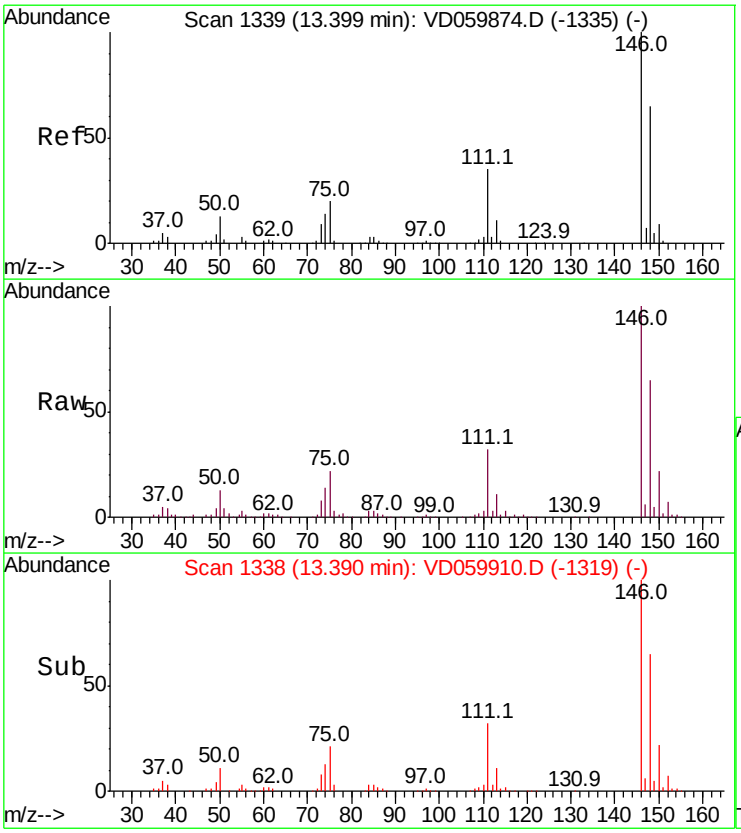

#87
1,3-Dichlorobenzene
Concen: 19.758 ug/l
RT: 13.30 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion:146 Resp: 490144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.3 | 17.9 | 53.7 |
| 148 | 62.4 | 32.4 | 97.0 |

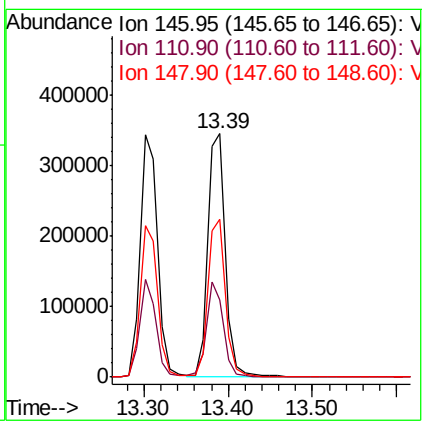


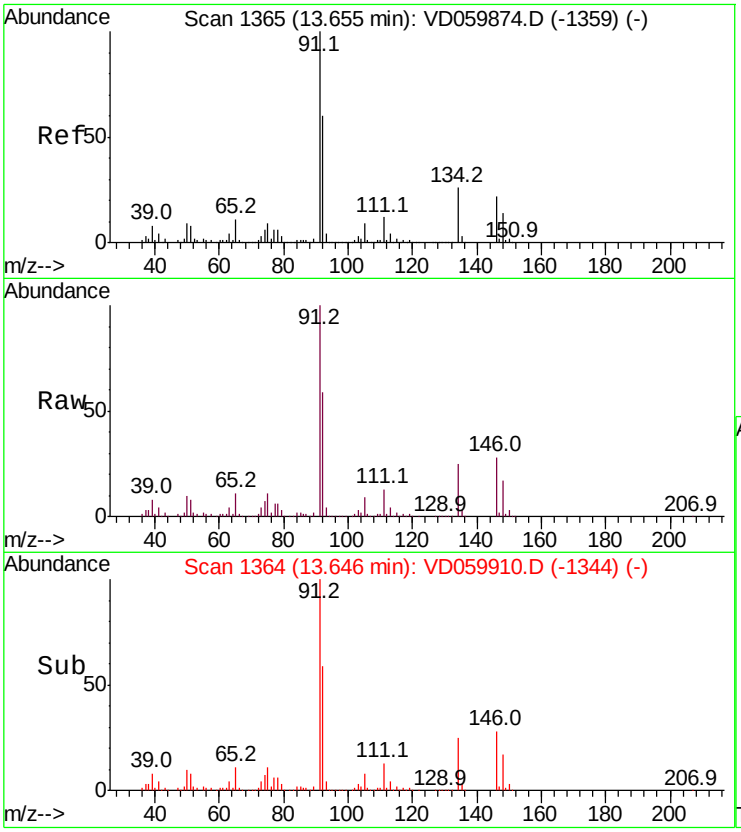




#88
1,4-Dichlorobenzene
Concen: 20.135 ug/l
RT: 13.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion:146 Resp: 498354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 32.0 | 17.5 | 52.6 |
| 148 | 64.7 | 32.5 | 97.5 |



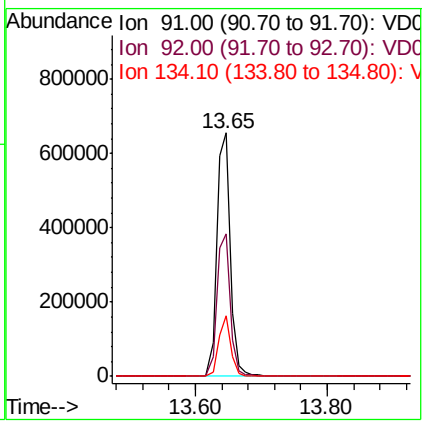


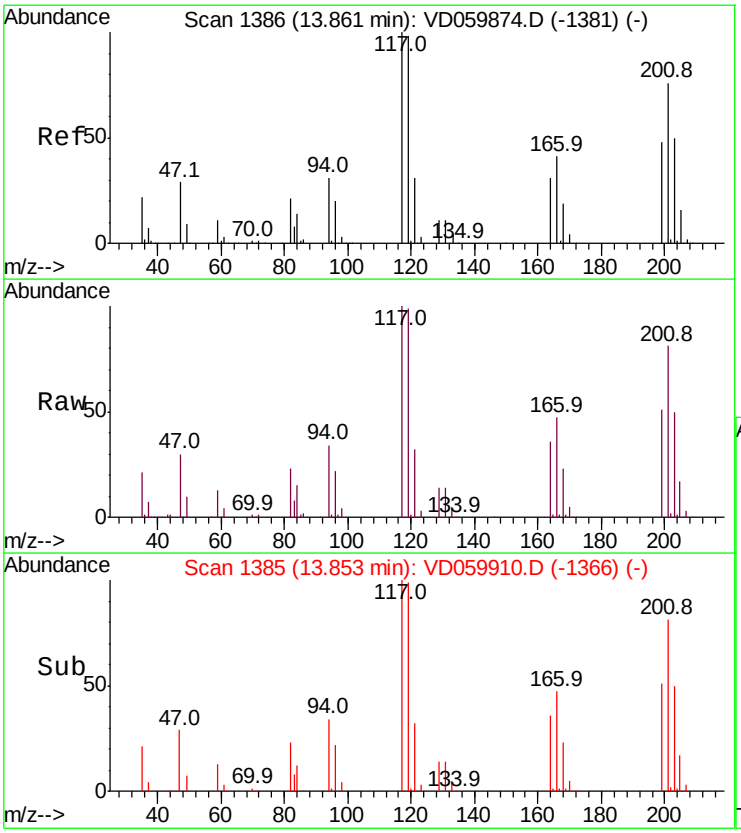

#89
n-Butylbenzene
Concen: 19.692 ug/l
RT: 13.65 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion: 91 Resp: 927133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 58.7 | 30.0 | 90.1 |
| 134 | 24.9 | 12.8 | 38.4 |

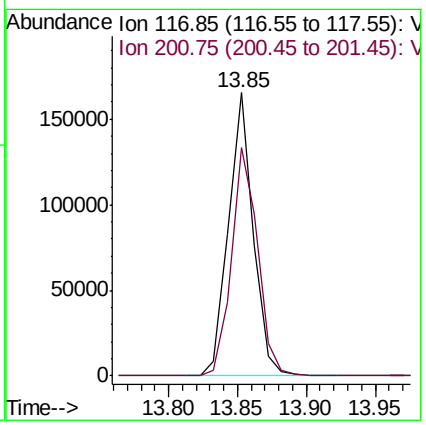


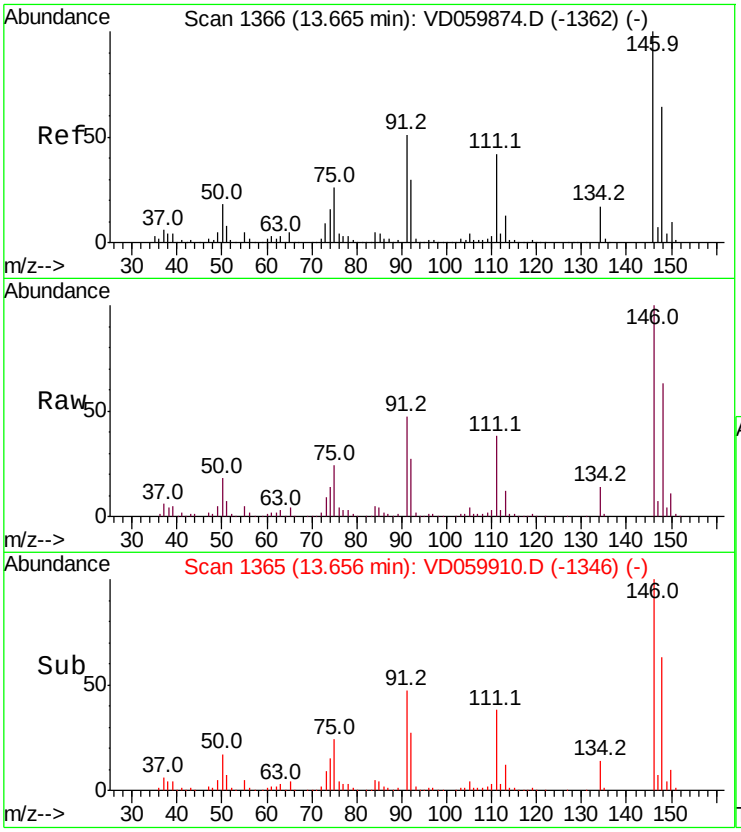




#90
Hexachloroethane
Concen: 17.646 ug/l
RT: 13.85 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion:117 Resp: 205693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 80.8 | 38.1 | 114.5 |



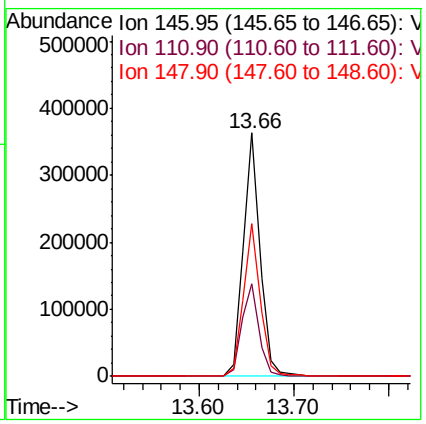


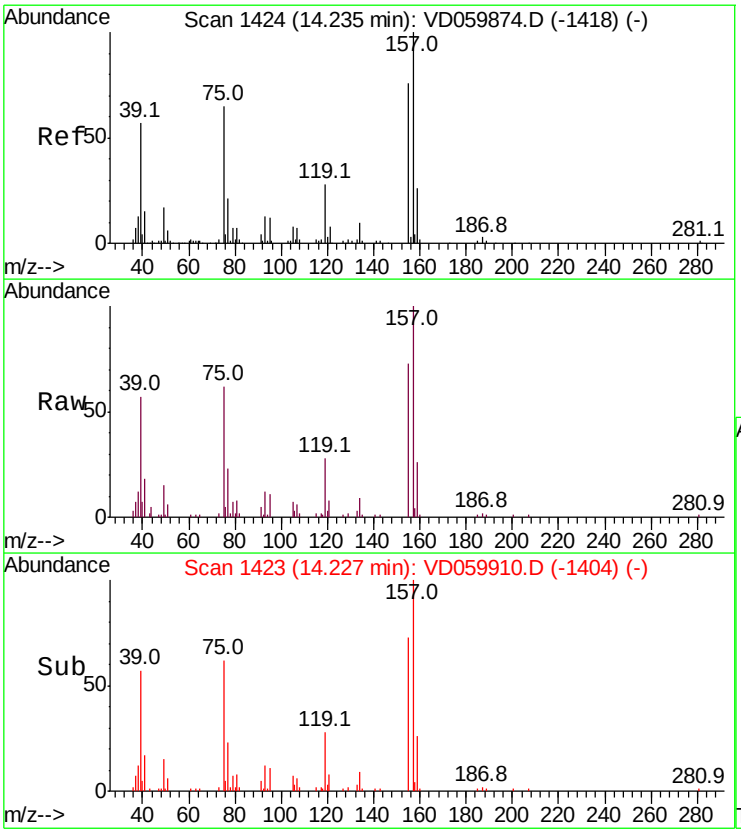

#91
1,2-Dichlorobenzene
Concen: 21.095 ug/l
RT: 13.66 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion:146 Resp: 444971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.9 | 21.1 | 63.1 |
| 148 | 62.8 | 32.2 | 96.6 |

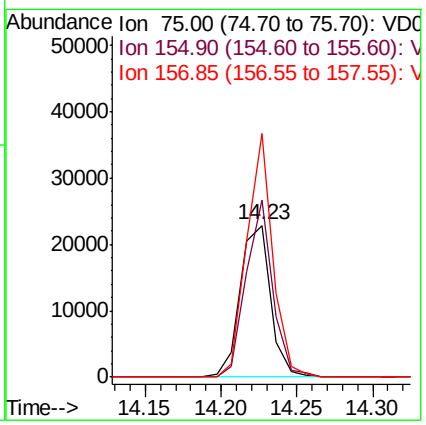


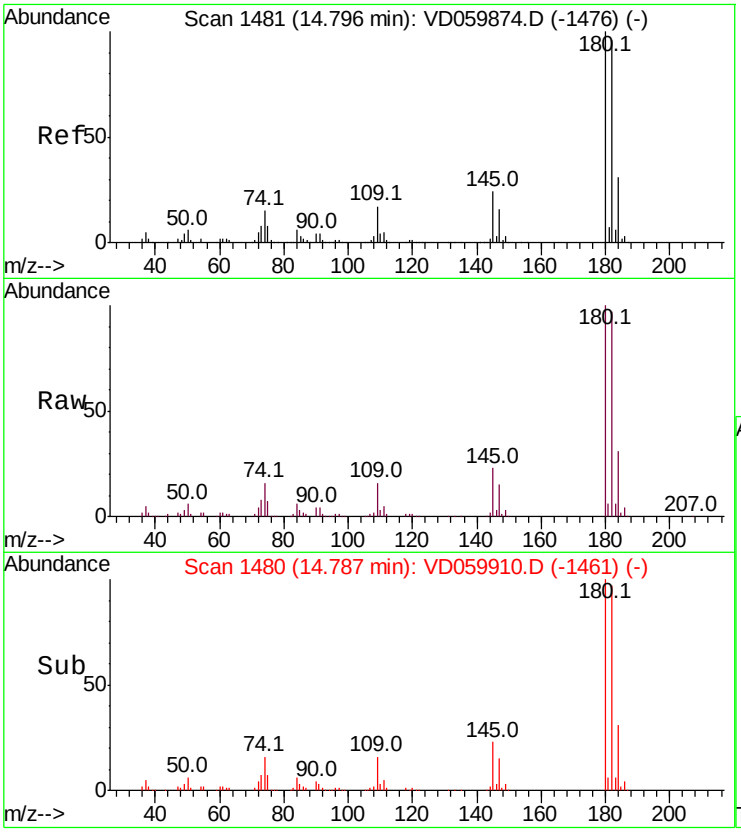




#92
1,2-Dibromo-3-Chloropropane
Concen: 17.912 ug/l
RT: 14.23 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion: 75 Resp: 31926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 116.9 | 58.2 | 174.6 |
| 157 | 160.5 | 76.8 | 230.4 |



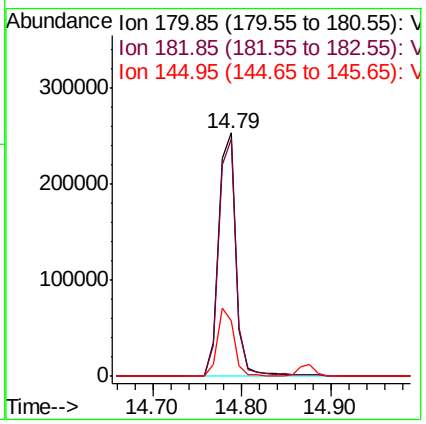


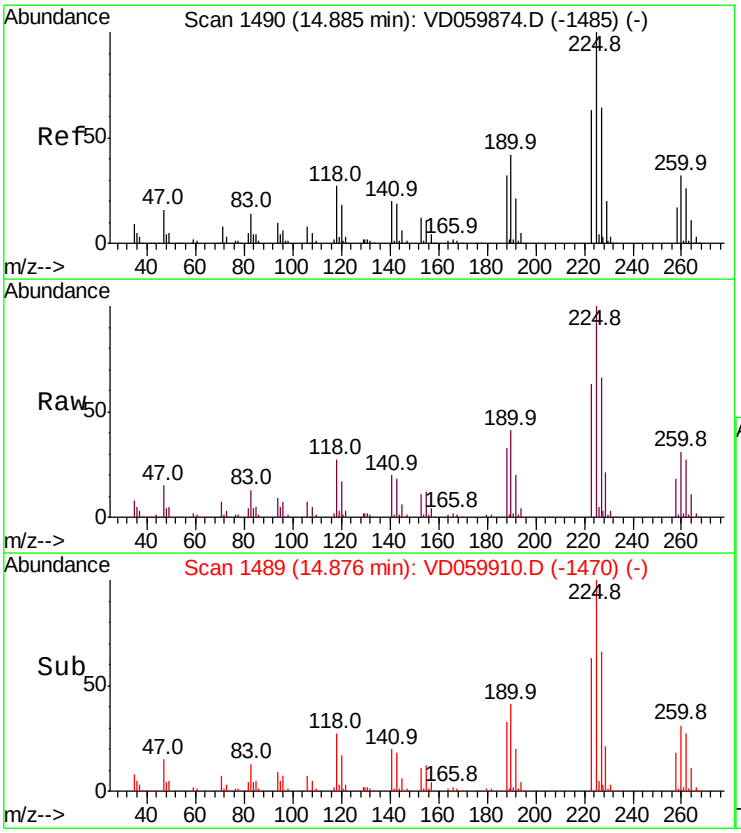

#93
1,2,4-Trichlorobenzene
Concen: 19.293 ug/l
RT: 14.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion:180 Resp: 348451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.2 | 47.9 | 143.7 |
| 145 | 22.9 | 12.2 | 36.4 |

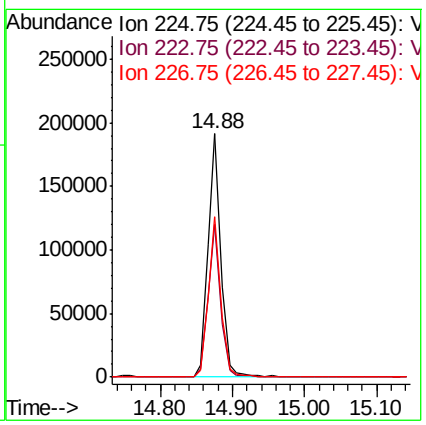


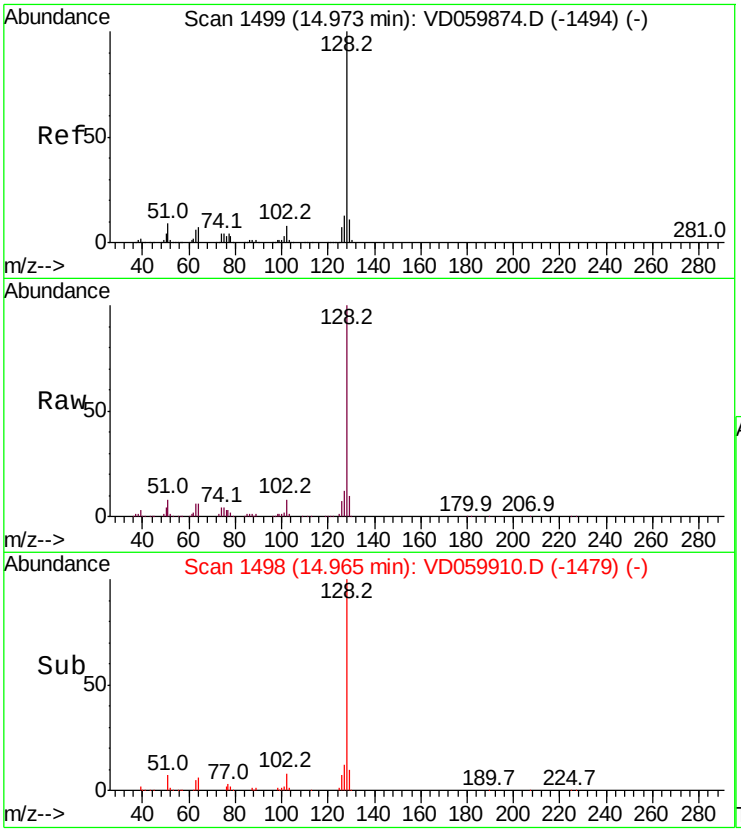




#94
Hexachlorobutadiene
Concen: 19.861 ug/l
RT: 14.88 min Scan# 1489
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion:225 Resp: 235138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 31.6 | 94.8 |
| 227 | 65.9 | 32.0 | 96.0 |



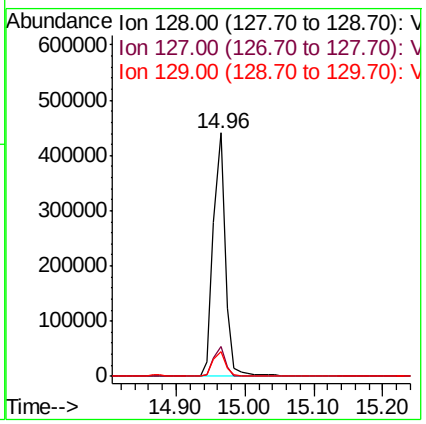


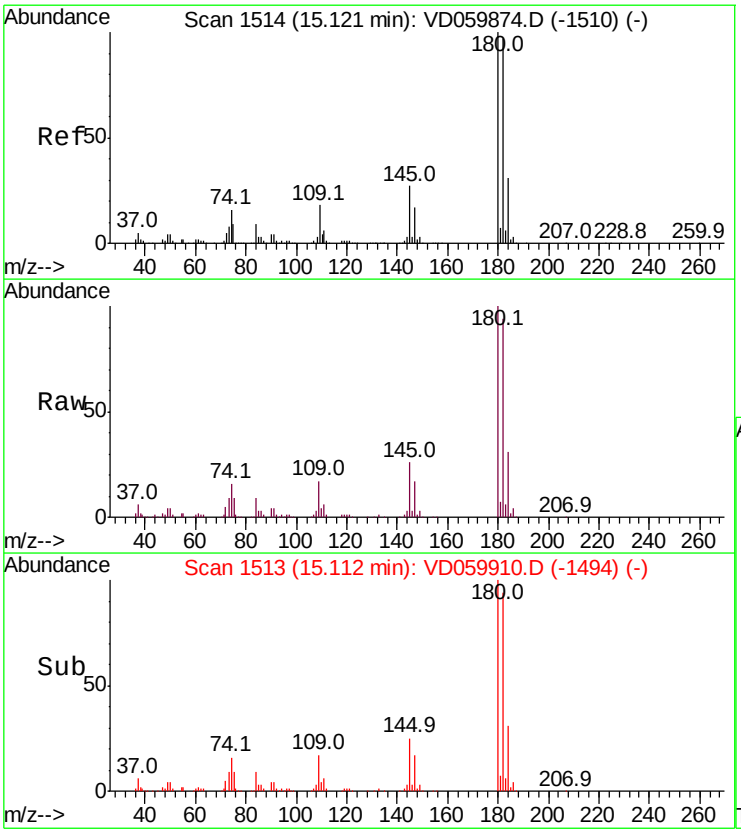

#95
Naphthalene
Concen: 19.687 ug/l
RT: 14.96 min Scan# 1498
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

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

Tgt Ion:128 Resp: 543353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.3 | 10.0 | 15.0 |
| 129 | 10.4 | 8.6 | 13.0 |




#96
1,2,3-Trichlorobenzene
Concen: 19.709 ug/l
RT: 15.11 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VD059910.D
Acq: 27 Aug 2018 12:33

Tgt Ion:180 Resp: 304442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.7 | 48.6 | 145.8 |
| 145 | 25.6 | 13.6 | 40.8 |