Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD020119\
Data File : VD060821.D
Acq On : 1 Feb 2019 16:07
Operator : VA/AP
Sample : K1297-02MS
Misc : 3.72g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Quant Time: Feb 02 00:24:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 29 13:53:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 6.76 | 168 | 344927 | 50.00 | ug/l | -0.03 |
| 34) 1,4-Difluorobenzene | 7.95 | 114 | 462591 | 50.00 | ug/l | -0.03 |
| 63) Chlorobenzene-d5 | 12.14 | 117 | 347149 | 50.00 | ug/l | -0.02 |
| 72) 1,4-Dichlorobenzene-d4 | 14.31 | 152 | 135243 | 50.00 | ug/l | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.18 | 65 | 325720 | 61.60 | ug/l | -0.04 |
| Spiked Amount 50.000 | | | Recovery = 123.20% | | | |
| 35) Dibromofluoromethane | 6.65 | 113 | 249786 | 56.30 | ug/l | -0.03 |
| Spiked Amount 50.000 | | | Recovery = 112.60% | | | |
| 50) Toluene-d8 | 10.16 | 98 | 523906 | 50.57 | ug/l | -0.03 |
| Spiked Amount 50.000 | | | Recovery = 101.14% | | | |
| 62) 4-Bromofluorobenzene | 13.34 | 95 | 196420 | 37.72 | ug/l | -0.02 |
| Spiked Amount 50.000 | | | Recovery = 75.44% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.58 | 85 | 279459 | 66.637 | ug/l | 93 |
| 3) Chloromethane | 1.74 | 50 | 145239 | 57.844 | ug/l | 100 |
| 4) Vinyl Chloride | 1.83 | 62 | 163178 | 61.225 | ug/l | 95 |
| 5) Bromomethane | 2.12 | 94 | 58690 | 69.710 | ug/l | 92 |
| 6) Chloroethane | 2.23 | 64 | 80693 | 103.104 | ug/l | 92 |
| 7) Trichlorofluoromethane | 2.47 | 101 | 386574 | 73.684 | ug/l | 96 |
| 8) Diethyl Ether | 2.78 | 74 | 57976 | 74.994 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.04 | 101 | 159551 | 60.008 | ug/l | 94 |
| 10) Methyl Iodide | 3.19 | 142 | 178266 | 64.039 | ug/l | 91 |
| 11) Tert butyl alcohol | 3.89 | 59 | 88488 | 350.158 | ug/l | 98 |
| 12) 1,1-Dichloroethene | 3.02 | 96 | 116367 | 64.046 | ug/l | 92 |
| 13) Acrolein | 2.94 | 56 | 17074 | 192.263 | ug/l # | 80 |
| 14) Allyl chloride | 3.48 | 41 | 275533 | 65.164 | ug/l | 97 |
| 15) Acrylonitrile | 4.01 | 53 | 166001 | 293.170 | ug/l | 97 |
| 16) Acetone | 3.10 | 43 | 298108 | 390.313 | ug/l | 95 |
| 17) Carbon Disulfide | 3.26 | 76 | 342622 | 53.235 | ug/l | 98 |
| 18) Methyl Acetate | 3.50 | 43 | 306921 | 202.710 | ug/l | 95 |
| 19) Methyl tert-butyl Ether | 4.06 | 73 | 557062 | 67.156 | ug/l | 96 |
| 20) Methylene Chloride | 3.65 | 84 | 195480 | 59.050 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 4.03 | 96 | 155155 | 48.441 | ug/l | 95 |
| 22) Diisopropyl ether | 4.85 | 45 | 668759 | 61.378 | ug/l # | 80 |
| 23) Vinyl Acetate | 4.80 | 43 | 426416 | 67.959 | ug/l | 98 |
| 24) 1,1-Dichloroethane | 4.74 | 63 | 421847 | 59.141 | ug/l | 98 |
| 25) 2-Butanone | 5.80 | 43 | 333369 | 341.013 | ug/l | 92 |
| 26) 2,2-Dichloropropane | 5.75 | 77 | 448918 | 59.731 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 5.77 | 96 | 174553 | 47.849 | ug/l | 89 |
| 28) Bromochloromethane | 6.16 | 49 | 152917 | 54.956 | ug/l | 99 |
| 29) Tetrahydrofuran | 6.19 | 42 | 141977 | 302.428 | ug/l | 99 |
| 30) Chloroform | 6.39 | 83 | 491222 | 58.266 | ug/l | 97 |
| 31) Cyclohexane | 6.69 | 56 | 182384 | 37.581 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 6.60 | 97 | 469217 | 57.795 | ug/l | 95 |
| 36) 1,1-Dichloropropene | 6.87 | 75 | 280581 | 50.800 | ug/l | 97 |
| 37) Ethyl Acetate | 5.91 | 43 | 103107 | 41.819 | ug/l # | 94 |
| 38) Carbon Tetrachloride | 6.84 | 117 | 391585 | 56.539 | ug/l | 94 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD020119\
Data File : VD060821.D
Acq On : 1 Feb 2019 16:07
Operator : VA/AP
Sample : K1297-02MS
Misc : 3.72g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Quant Time: Feb 02 00:24:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 29 13:53:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 8.60 | 83 | 129470 | 27.991 | ug/l | | 95 |
| 40) Benzene | 7.19 | 78 | 568216 | 52.125 | ug/l | | 97 |
| 41) Methacrylonitrile | 6.18 | 41 | 199763 | 127.578 | ug/l | # | 86 |
| 42) 1,2-Dichloroethane | 7.31 | 62 | 423093 | 66.810 | ug/l | | 97 |
| 43) Isopropyl Acetate | 8.98 | 43 | 118100 | 36.726 | ug/l | | 90 |
| 44) Trichloroethene | 8.27 | 130 | 194499 | 52.632 | ug/l | | 96 |
| 45) 1,2-Dichloropropane | 8.67 | 63 | 147501 | 49.985 | ug/l | | 99 |
| 46) Dibromomethane | 8.80 | 93 | 148294 | 64.735 | ug/l | | 91 |
| 47) Bromodichloromethane | 9.12 | 83 | 381771 | 61.743 | ug/l | | 97 |
| 48) Methyl methacrylate | 8.86 | 41 | 177069 | 79.850 | ug/l | | 94 |
| 49) 1,4-Dioxane | 8.83 | 88 | 22620 | 1171.063 | ug/l | | 93 |
| 51) 4-Methyl-2-Pentanone | 10.05 | 43 | 743794 | 357.170 | ug/l | | 100 |
| 52) Toluene | 10.26 | 92 | 328387 | 47.491 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 10.66 | 75 | 302978 | 55.706 | ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 9.79 | 75 | 311965 | 55.934 | ug/l | | 90 |
| 55) 1,1,2-Trichloroethane | 10.95 | 97 | 142098 | 60.274 | ug/l | | 99 |
| 56) Ethyl methacrylate | 10.80 | 69 | 128613 | 45.034 | ug/l | | 94 |
| 57) 1,3-Dichloropropane | 11.17 | 76 | 229493 | 56.958 | ug/l | | 97 |
| 58) 2-Chloroethyl Vinyl ether | 9.60 | 63 | 461311 | 307.852 | ug/l | | 94 |
| 59) 2-Hexanone | 11.29 | 43 | 518380 | 331.063 | ug/l | | 90 |
| 60) Dibromochloromethane | 11.45 | 129 | 249652 | 58.903 | ug/l | | 94 |
| 61) 1,2-Dibromoethane | 11.57 | 107 | 171709 | 61.844 | ug/l | | 96 |
| 64) Tetrachloroethene | 11.02 | 164 | 132925 | 41.722 | ug/l | | 98 |
| 65) Chlorobenzene | 12.17 | 112 | 377946 | 47.641 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 12.29 | 131 | 206889 | 60.701 | ug/l | | 98 |
| 67) Ethyl Benzene | 12.30 | 91 | 692600 | 48.551 | ug/l | | 97 |
| 68) m/p-Xylenes | 12.44 | 106 | 406009 | 87.481 | ug/l | | 90 |
| 69) o-Xylene | 12.83 | 106 | 213606 | 46.502 | ug/l | | 89 |
| 70) Styrene | 12.85 | 104 | 324562 | 42.135 | ug/l | | 91 |
| 71) Bromoform | 13.02 | 173 | 153732 | 59.866 | ug/l | | 97 |
| 73) Isopropylbenzene | 13.18 | 105 | 575035 | 53.328 | ug/l | | 96 |
| 74) N-amyl acetate | 13.05 | 43 | 129658 | 39.113 | ug/l | # | 94 |
| 75) 1,1,2,2-Tetrachloroethane | 13.49 | 83 | 156106 | 79.509 | ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 13.52 | 75 | 195992 | 79.028 | ug/l | | 99 |
| 77) Bromobenzene | 13.46 | 156 | 158798 | 57.289 | ug/l | | 90 |
| 78) n-propylbenzene | 13.56 | 91 | 661324 | 48.855 | ug/l | | 96 |
| 79) 2-Chlorotoluene | 13.63 | 91 | 411717 | 49.866 | ug/l | | 95 |
| 80) 1,3,5-Trimethylbenzene | 14.03 | 105 | 504841 | 54.384 | ug/l | | 98 |
| 81) trans-1,4-Dichloro-2-buten | 13.26 | 75 | 51188 | 79.169 | ug/l | | 97 |
| 82) 4-Chlorotoluene | 13.73 | 91 | 469336 | 51.147 | ug/l | | 93 |
| 83) tert-Butylbenzene | 13.98 | 119 | 491346 | 50.591 | ug/l | | 93 |
| 84) 1,2,4-Trimethylbenzene | 14.03 | 105 | 504841 | 54.384 | ug/l | | 98 |
| 85) sec-Butylbenzene | 14.16 | 105 | 422767 | 38.240 | ug/l | | 98 |
| 86) p-Isopropyltoluene | 14.29 | 119 | 471903 | 52.575 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 14.25 | 146 | 205794 | 41.509 | ug/l | | 95 |
| 88) 1,4-Dichlorobenzene | 14.33 | 146 | 218866 | 45.435 | ug/l | | 96 |
| 89) n-Butylbenzene | 14.59 | 91 | 302782 | 32.332 | ug/l | | 98 |
| 90) Hexachloroethane | 14.80 | 117 | 105026 | 39.321 | ug/l | | 81 |
| 91) 1,2-Dichlorobenzene | 14.60 | 146 | 194504 | 47.265 | ug/l | | 95 |
| 92) 1,2-Dibromo-3-Chloropropan | 15.17 | 75 | 35079 | 75.204 | ug/l | | 75 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD020119\
Data File : VD060821.D
Acq On : 1 Feb 2019 16:07
Operator : VA/AP
Sample : K1297-02MS
Misc : 3.72g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Quant Time: Feb 02 00:24:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 29 13:53:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.74 | 180 | 92908 | 26.074 | ug/l | 98 |
| 94) Hexachlorobutadiene | 15.83 | 225 | 48253 | 18.048 | ug/l | 96 |
| 95) Naphthalene | 15.92 | 128 | 206846 | 37.782 | ug/l | 98 |
| 96) 1,2,3-Trichlorobenzene | 16.07 | 180 | 75187 | 24.266 | ug/l | 92 |

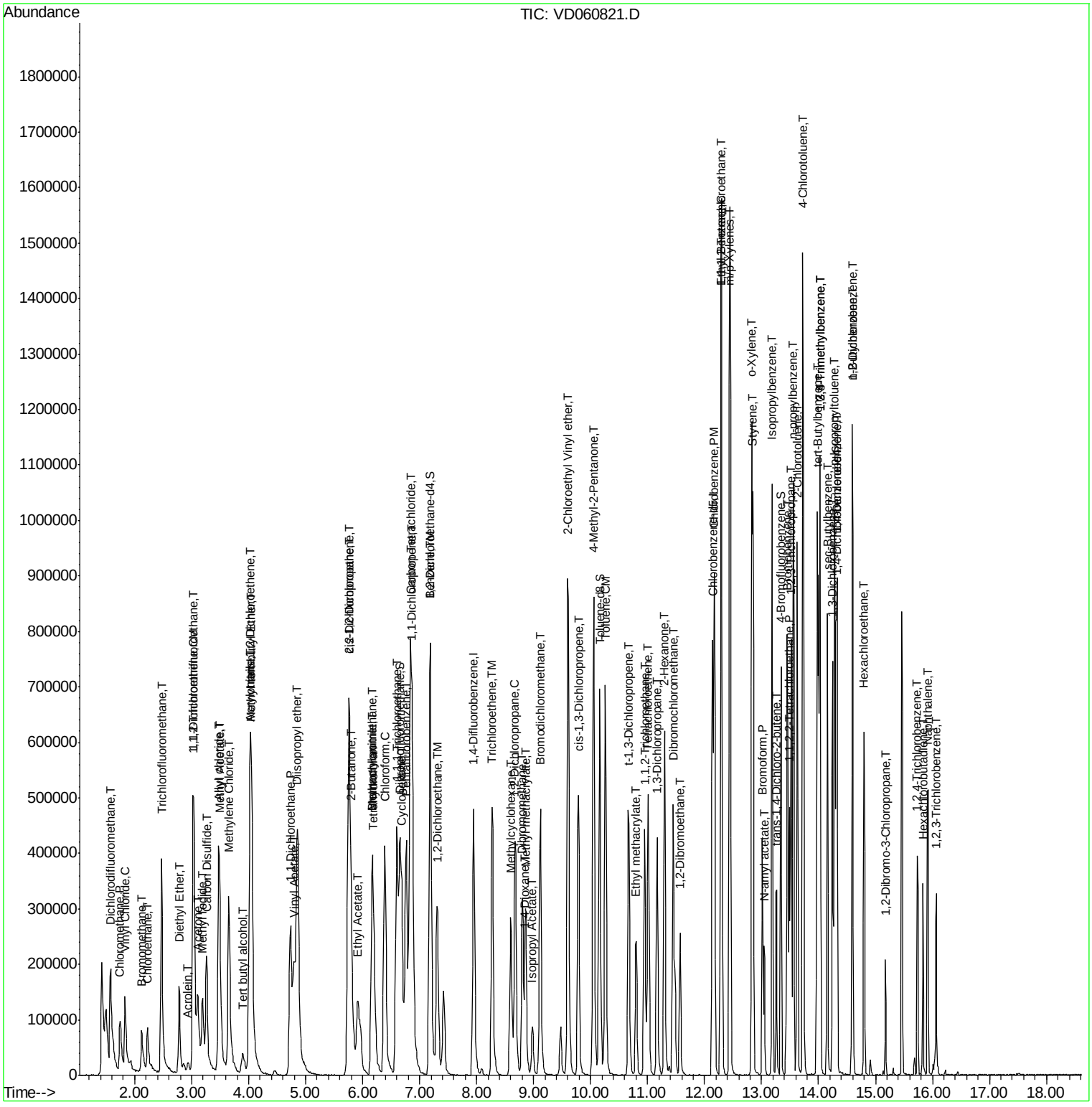
(#) = qualifier out of range (m) = manual integration (+) = signals summed

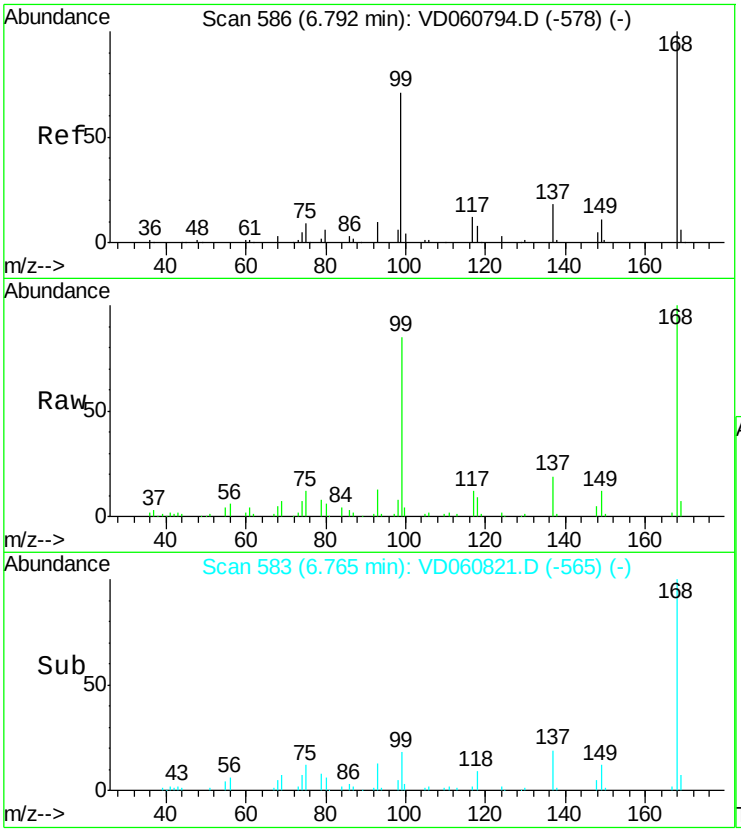
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020119\
Data File : VD060821.D
Acq On : 1 Feb 2019 16:07
Operator : VA/AP
Sample : K1297-02MS
Misc : 3.72g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Quant Time: Feb 02 00:24:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 29 13:53:55 2019
Response via : Initial Calibration



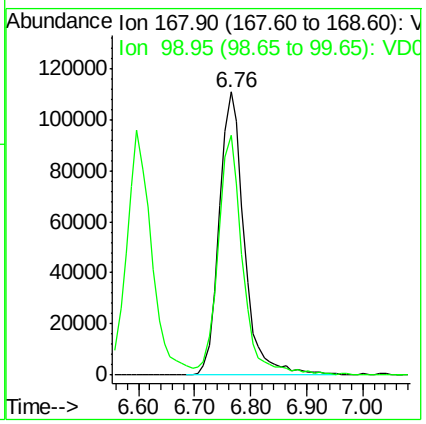


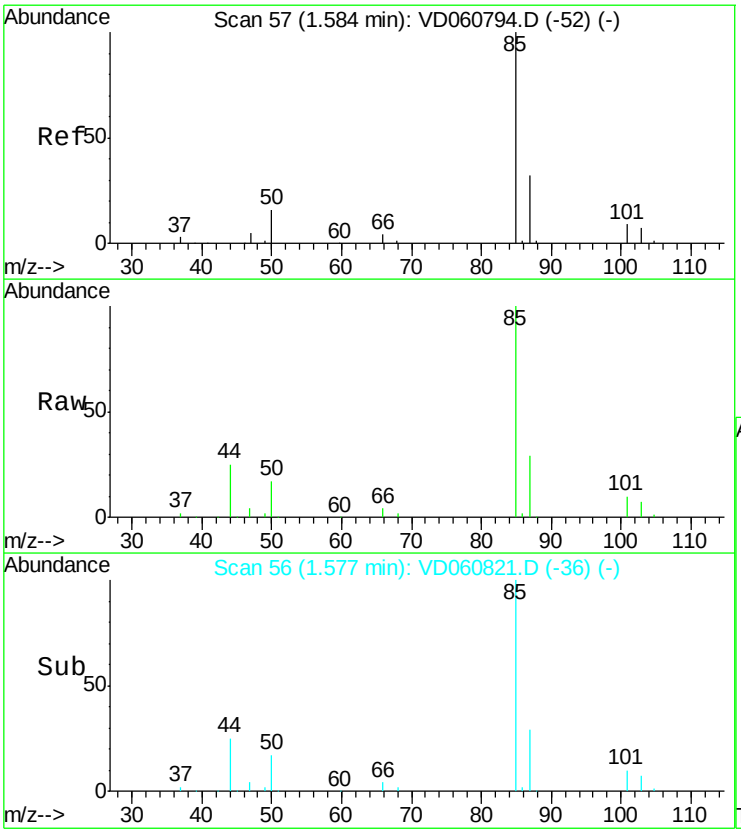

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.76 min Scan# 583
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion:168 Resp: 344927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 84.9 | 59.2 | 88.8 |

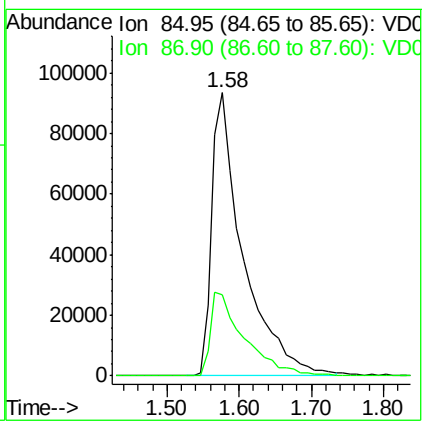


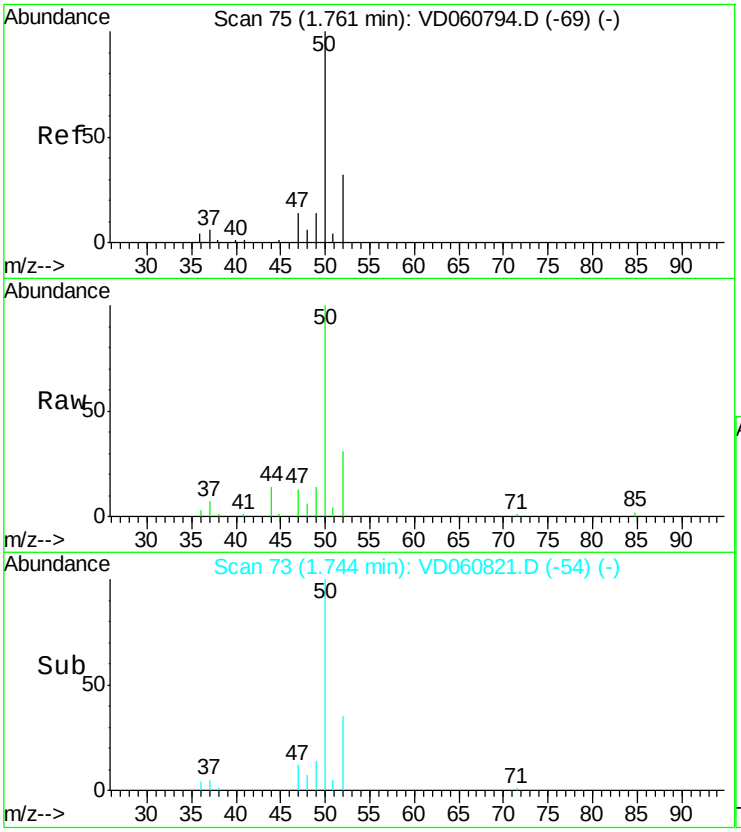




#2
Dichlorodifluoromethane
Concen: 66.637 ug/l
RT: 1.58 min Scan# 56
Delta R.T. -0.01 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 85 Resp: 279459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 28.6 | 16.2 | 48.5 |



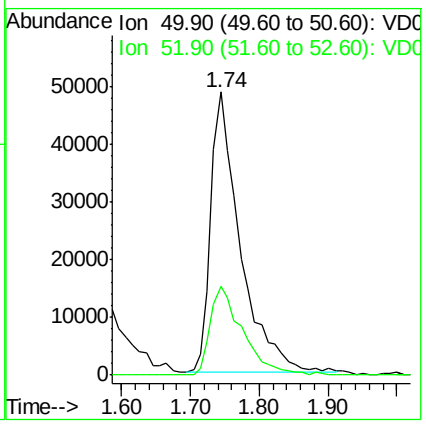


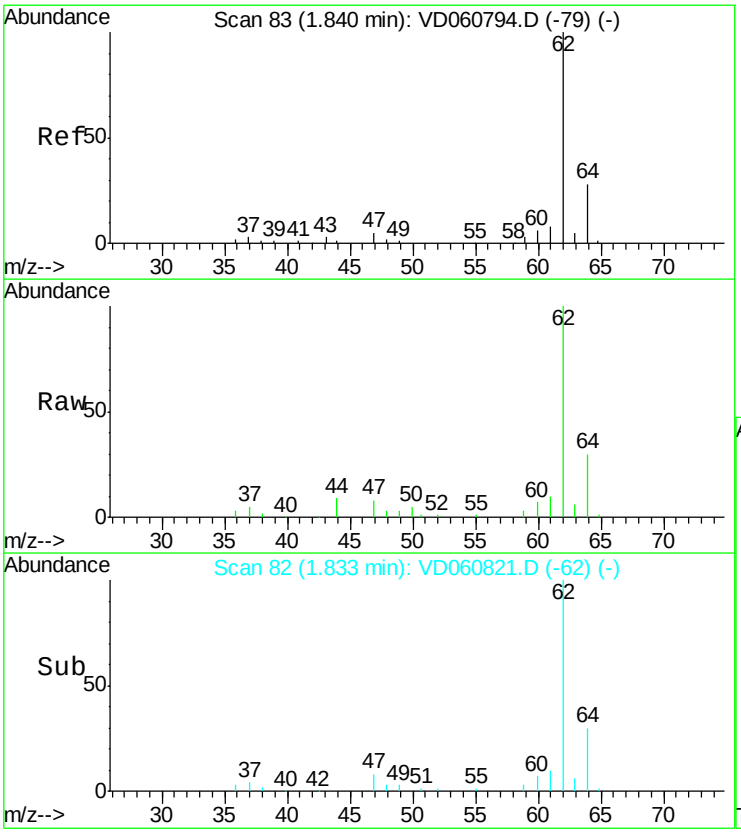

#3
Chloromethane
Concen: 57.844 ug/l
RT: 1.74 min Scan# 73
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion: 50 Resp: 145239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.4 | 25.2 | 37.8 |

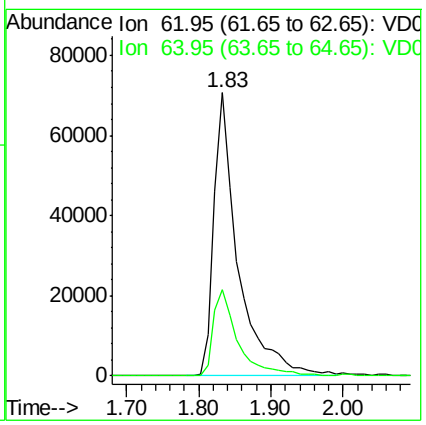


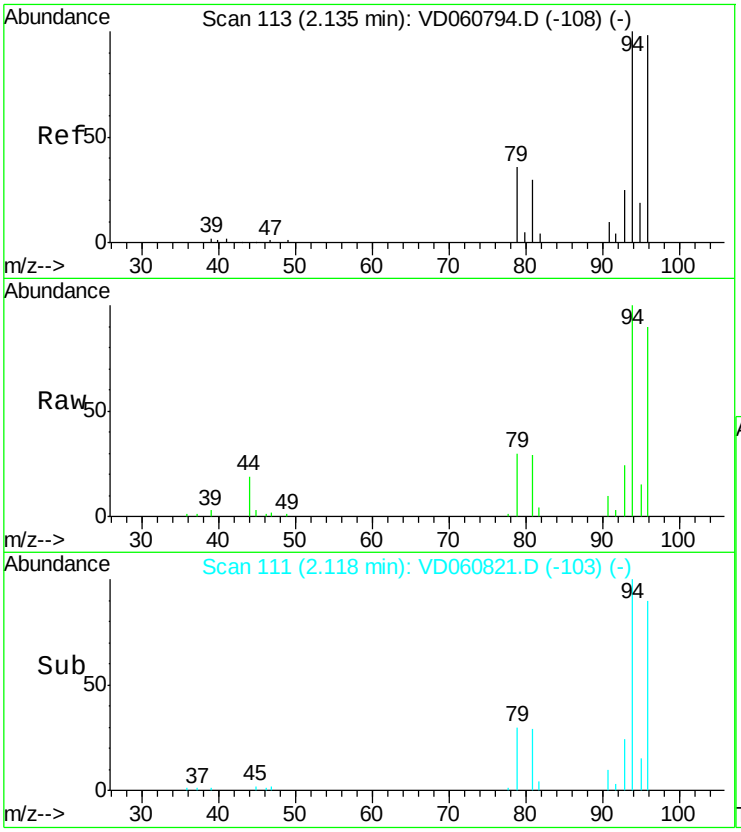




#4
Vinyl Chloride
Concen: 61.225 ug/l
RT: 1.83 min Scan# 82
Delta R.T. -0.01 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 62 Resp: 163178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.4 | 22.1 | 33.1 |



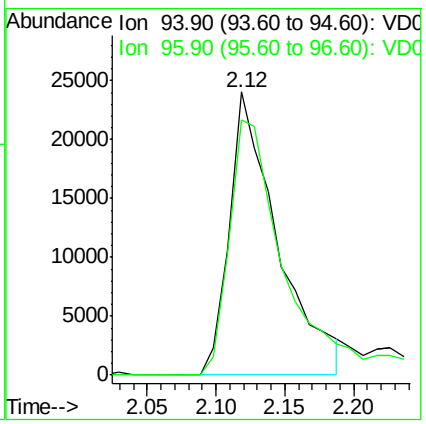


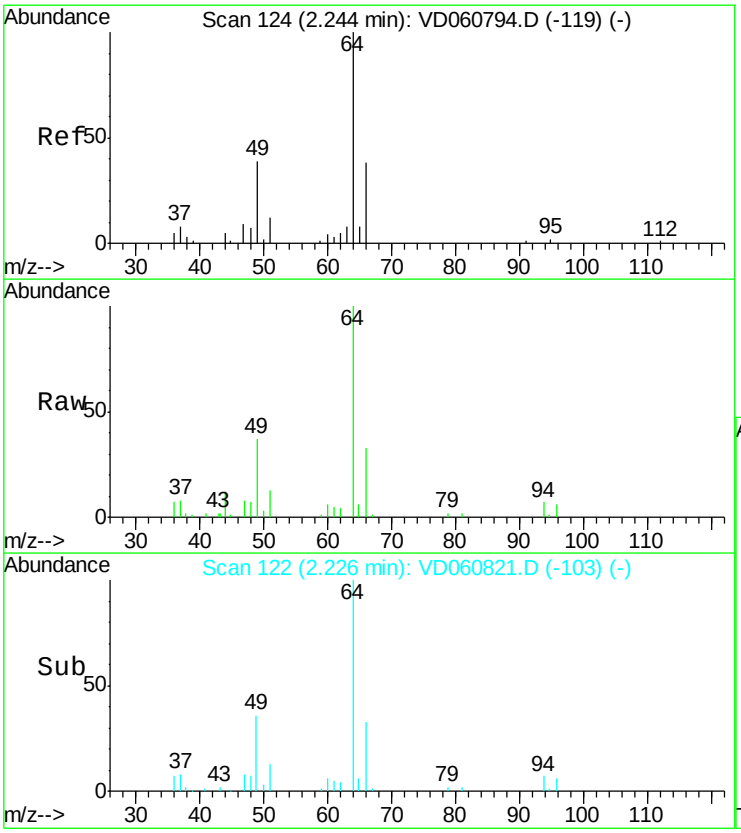

#5
Bromomethane
Concen: 69.710 ug/l
RT: 2.12 min Scan# 111
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion: 94 Resp: 58690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 90.0 | 78.0 | 117.0 |

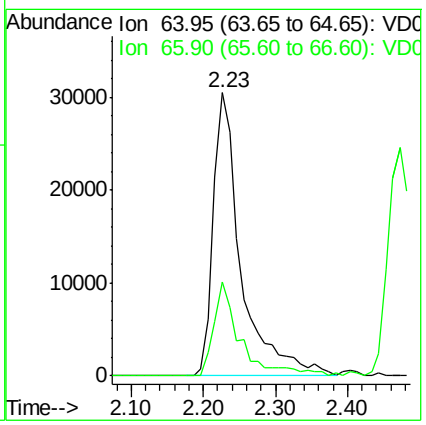


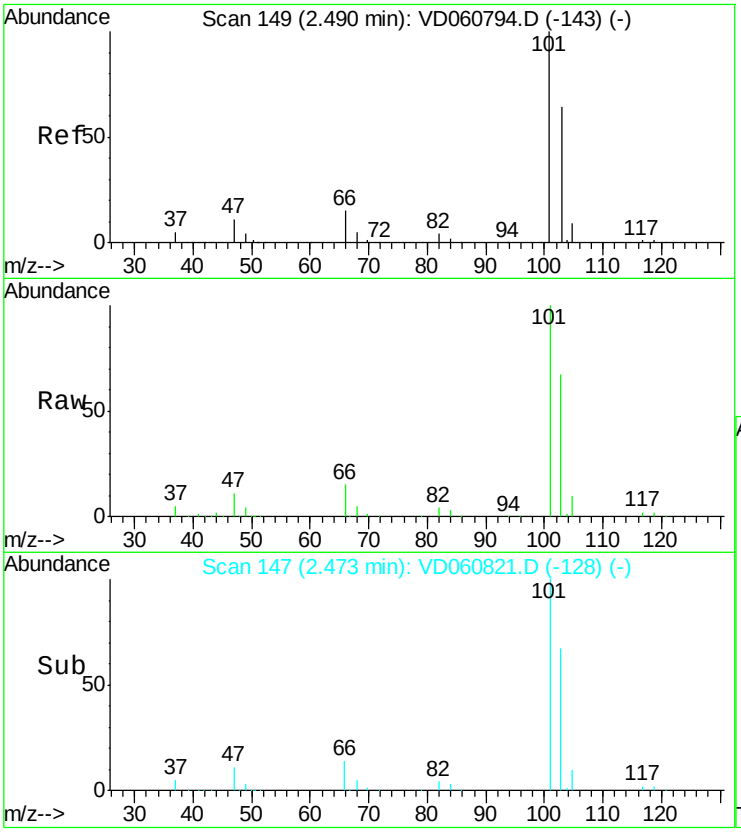




#6
Chloroethane
Concen: 103.104 ug/l
RT: 2.23 min Scan# 122
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 64 Resp: 80693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.0 | 30.2 | 45.4 |



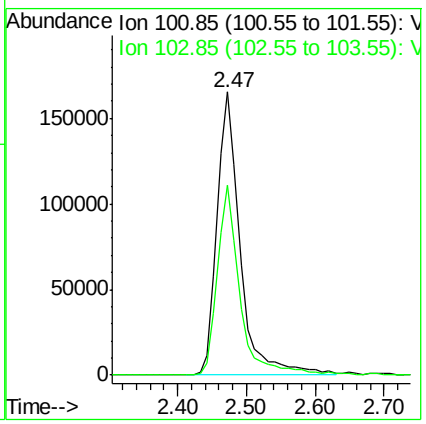


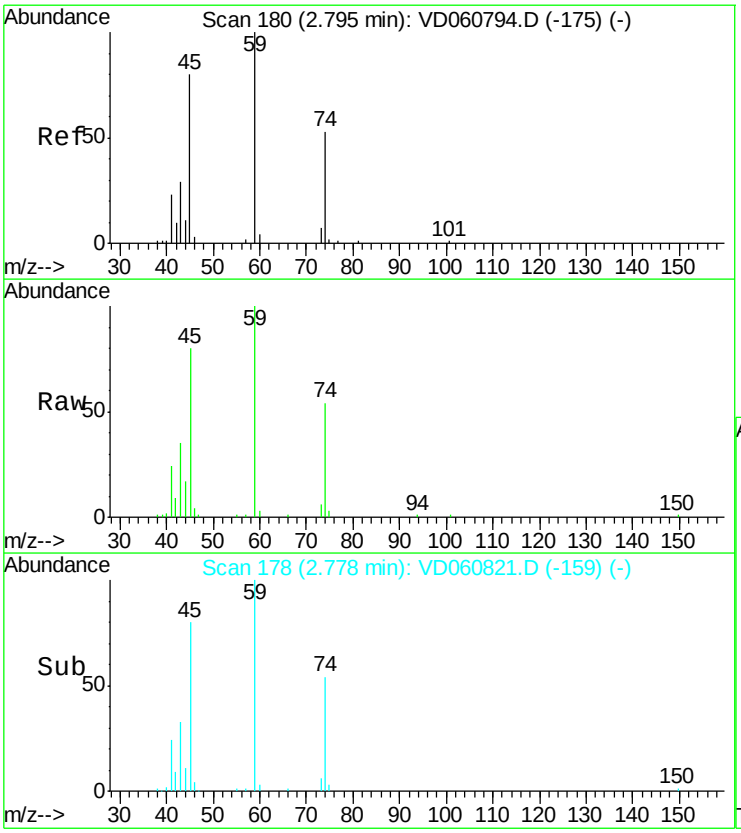

#7
Trichlorofluoromethane
Concen: 73.684 ug/l
RT: 2.47 min Scan# 147
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion:101 Resp: 386574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 67.0 | 51.3 | 76.9 |

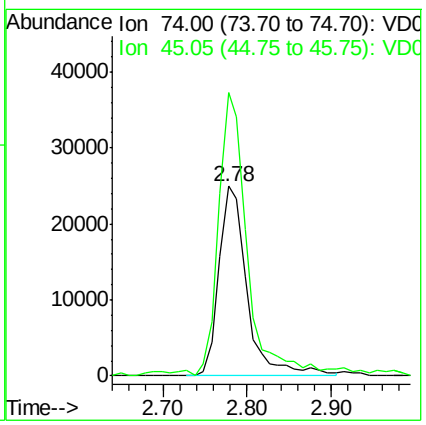


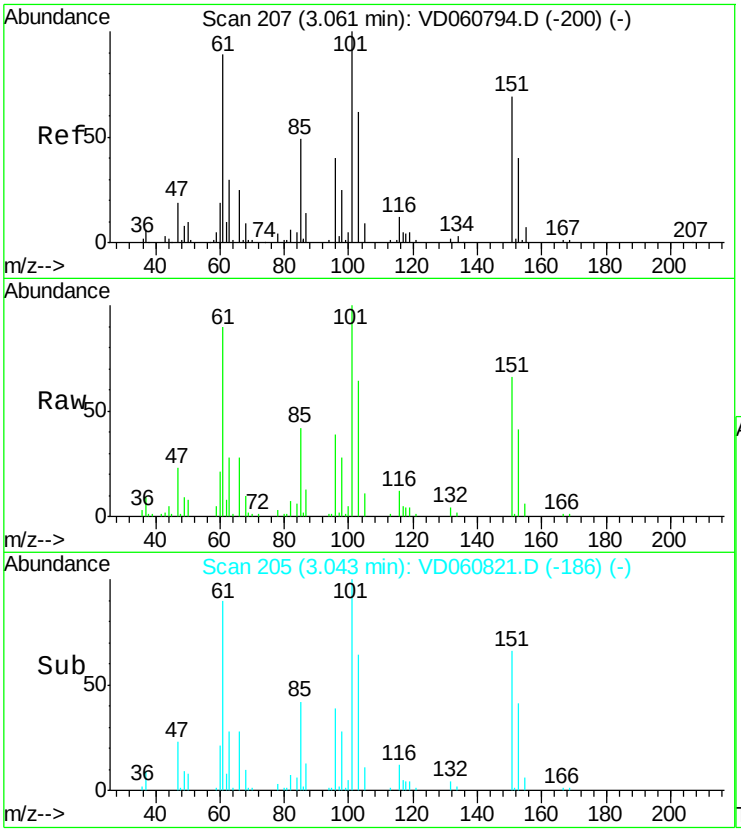




#8
Diethyl Ether
Concen: 74.994 ug/l
RT: 2.78 min Scan# 178
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 74 Resp: 57976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 149.3 | 75.6 | 226.8 |



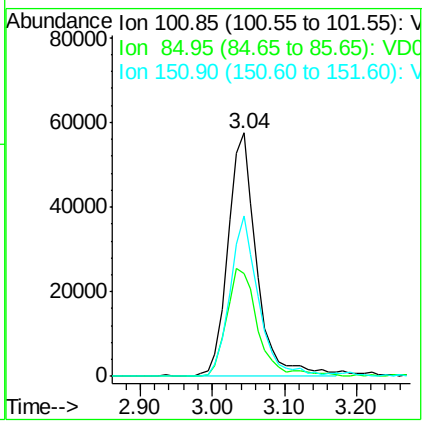


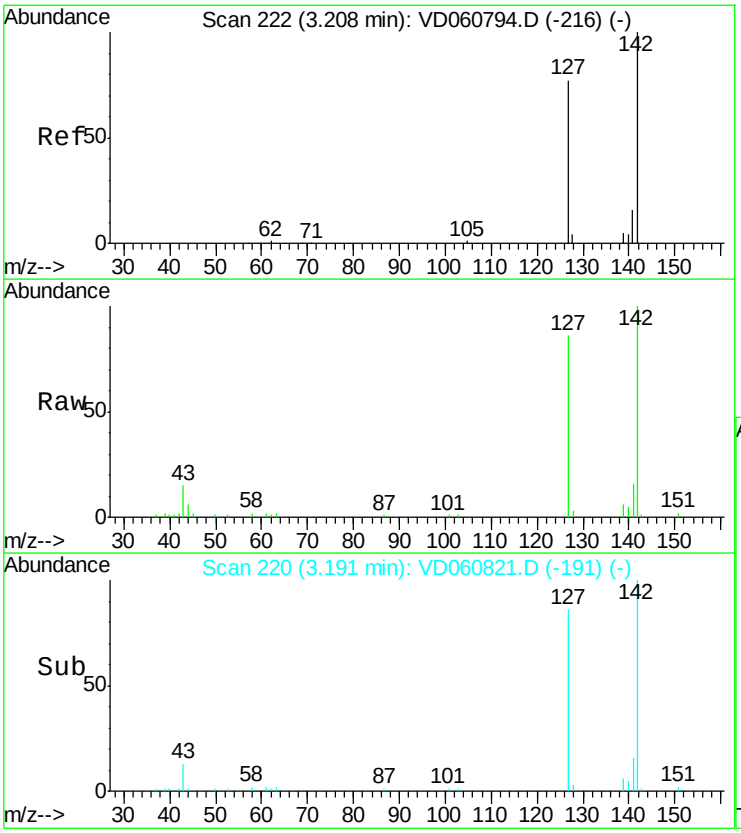

#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.008 ug/l
RT: 3.04 min Scan# 205
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion:101 Resp: 159551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.3 | 39.3 | 58.9 |
| 151 | 65.7 | 55.1 | 82.7 |

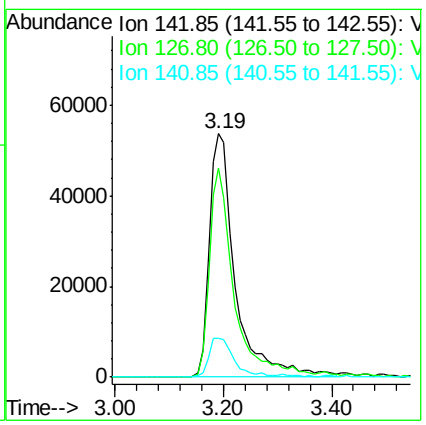


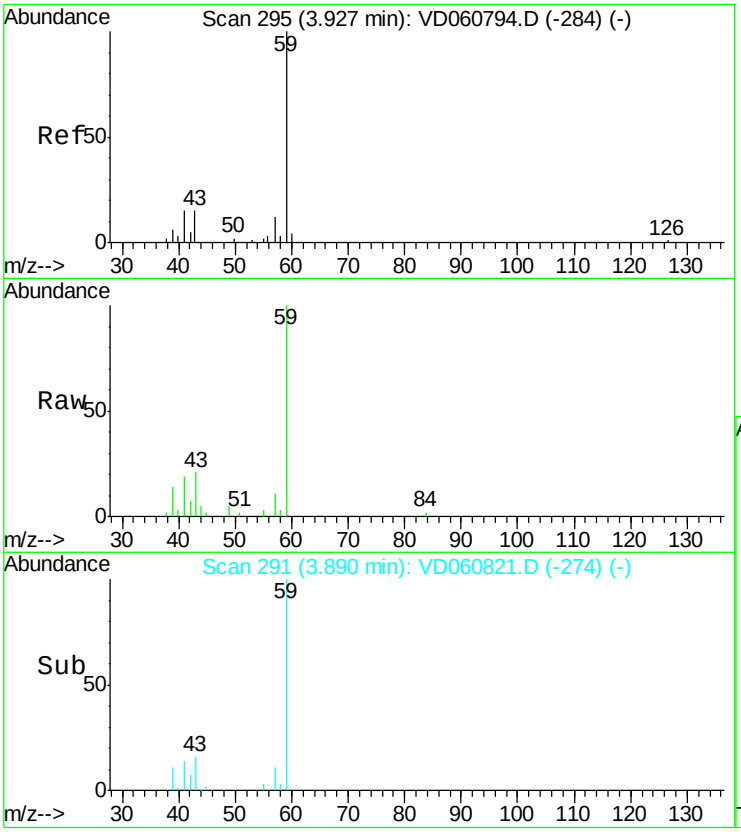




#10
Methyl Iodide
Concen: 64.039 ug/l
RT: 3.19 min Scan# 220
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion:142 Resp: 178266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 85.9 | 61.6 | 92.4 |
| 141 | 16.2 | 12.5 | 18.7 |



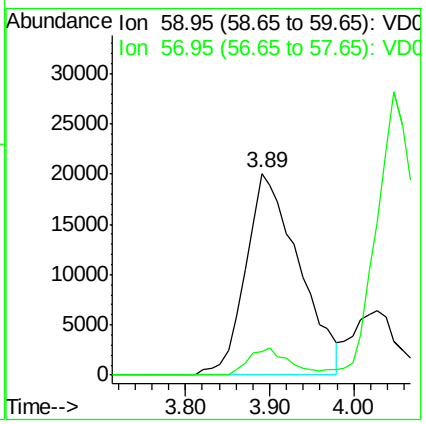


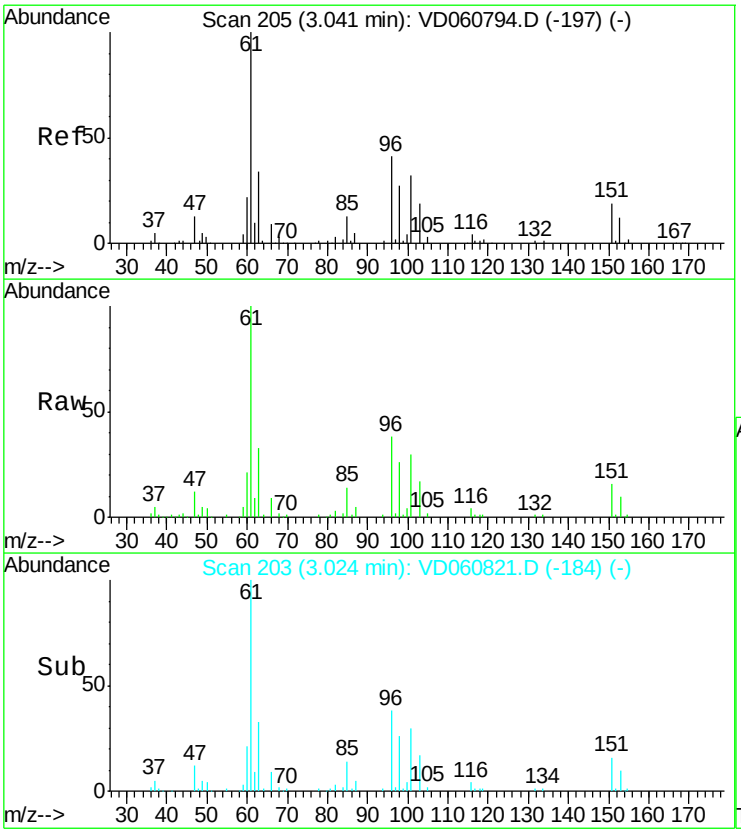

#11
Tert butyl alcohol
Concen: 350.158 ug/l
RT: 3.89 min Scan# 291
Delta R.T. -0.04 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 59 Resp: 88488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 11.4 | 9.8 | 14.6 |

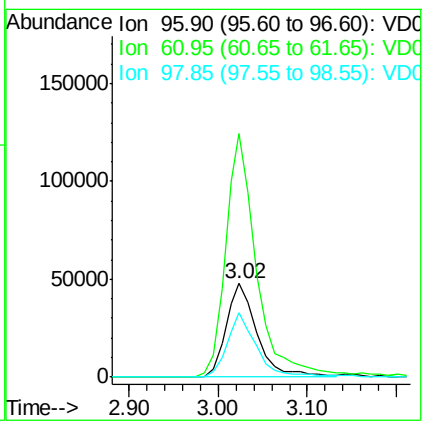


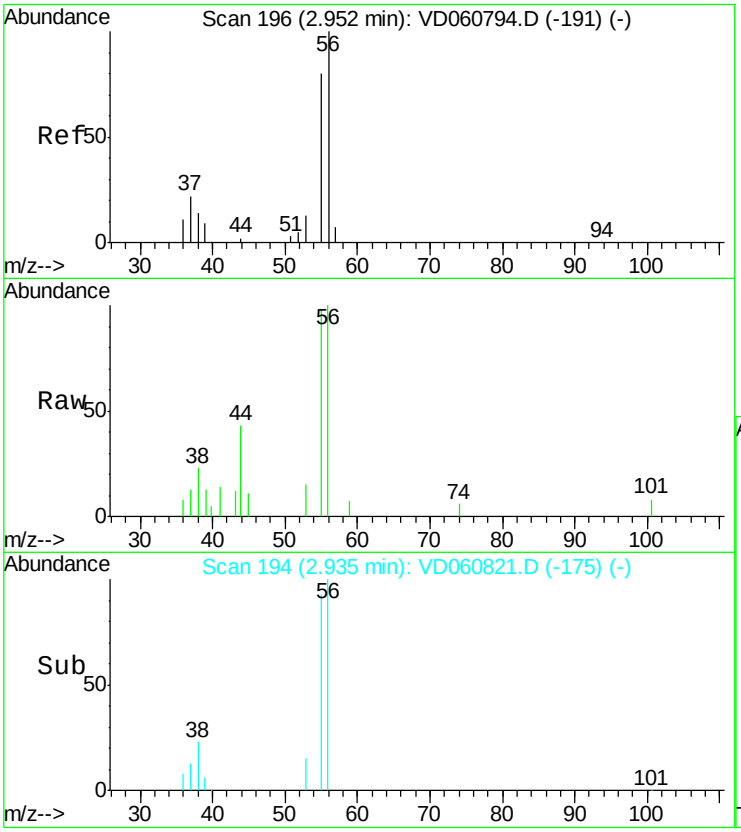




#12
1,1-Dichloroethene
Concen: 64.046 ug/l
RT: 3.02 min Scan# 203
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 96 Resp: 116367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 260.1 | 195.1 | 292.7 |
| 98 | 68.8 | 52.5 | 78.7 |



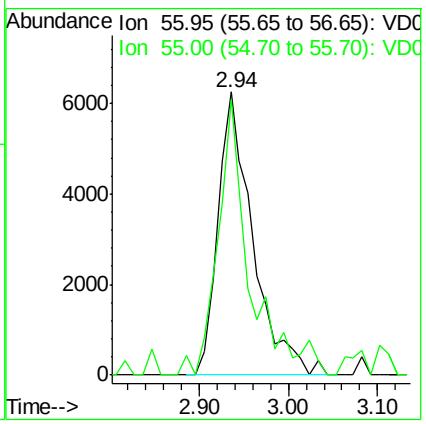


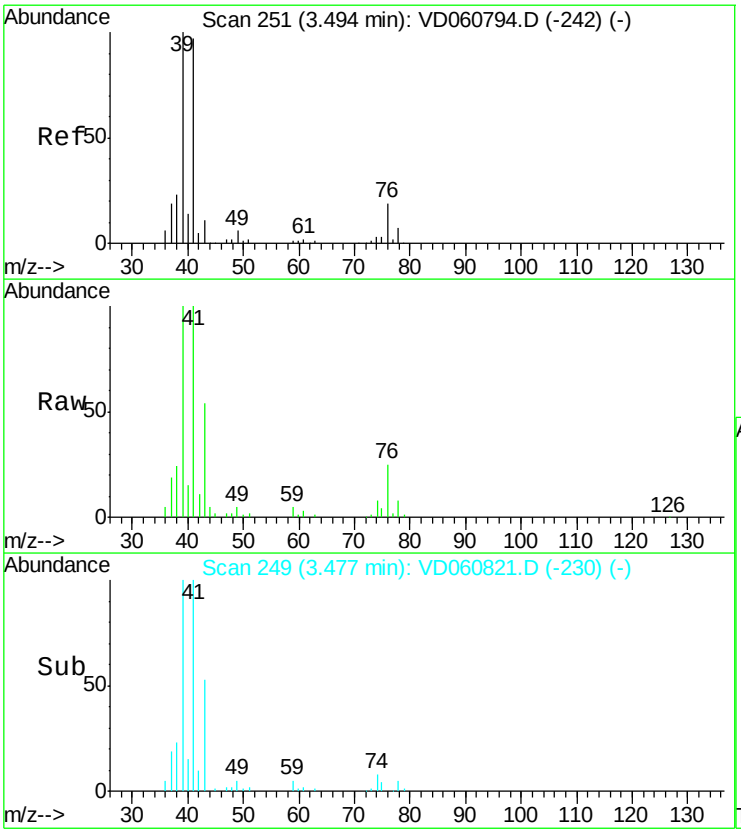

#13
Acrolein
Concen: 192.263 ug/l
RT: 2.94 min Scan# 194
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 56 Resp: 17074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 97.6 | 64.2 | 96.2# |

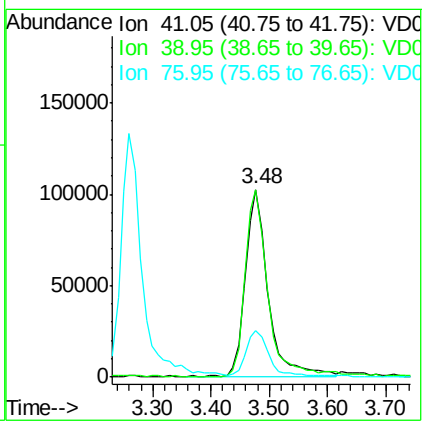


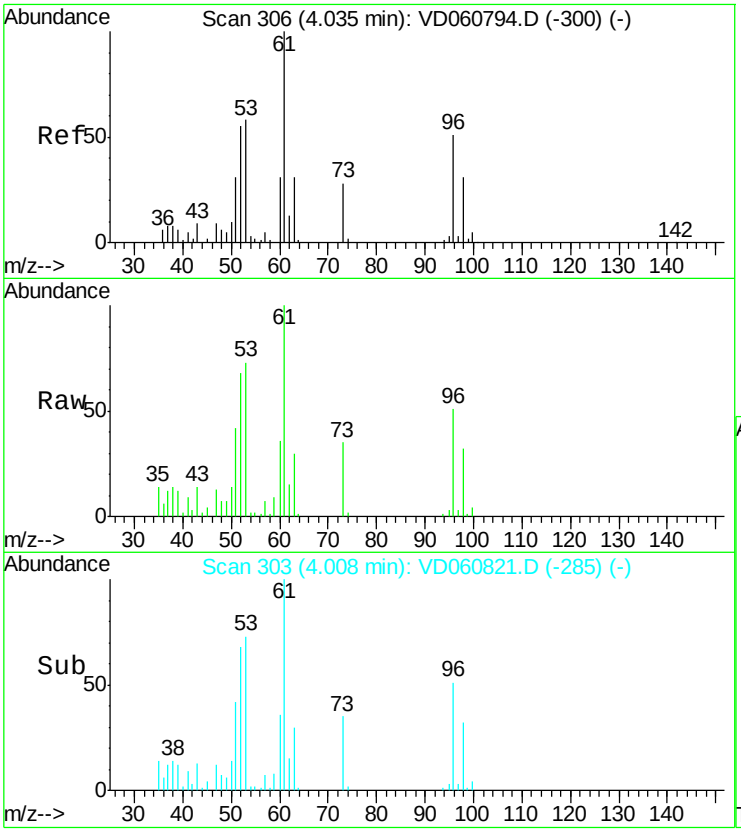




#14
Allyl chloride
Concen: 65.164 ug/l
RT: 3.48 min Scan# 249
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 41 Resp: 275533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 99.7 | 82.6 | 123.8 |
| 76 | 24.8 | 18.9 | 28.3 |



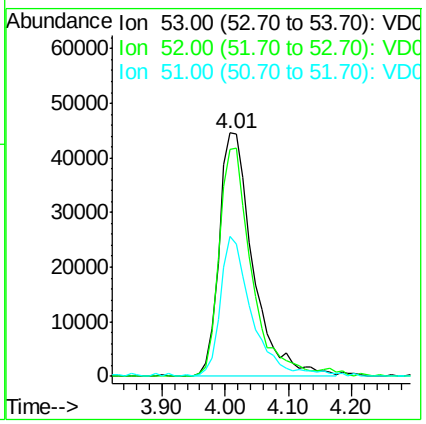


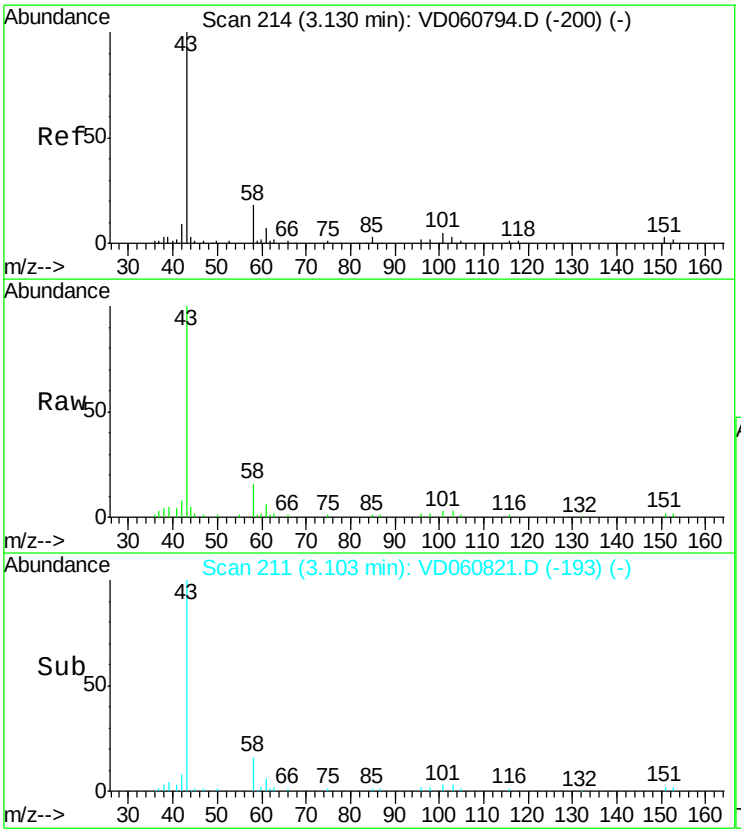

#15
Acrylonitrile
Concen: 293.170 ug/l
RT: 4.01 min Scan# 303
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion: 53 Resp: 166001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 93.1 | 75.4 | 113.2 |
| 51 | 57.2 | 42.5 | 63.7 |

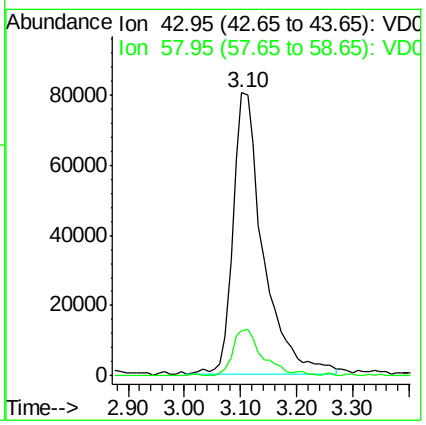


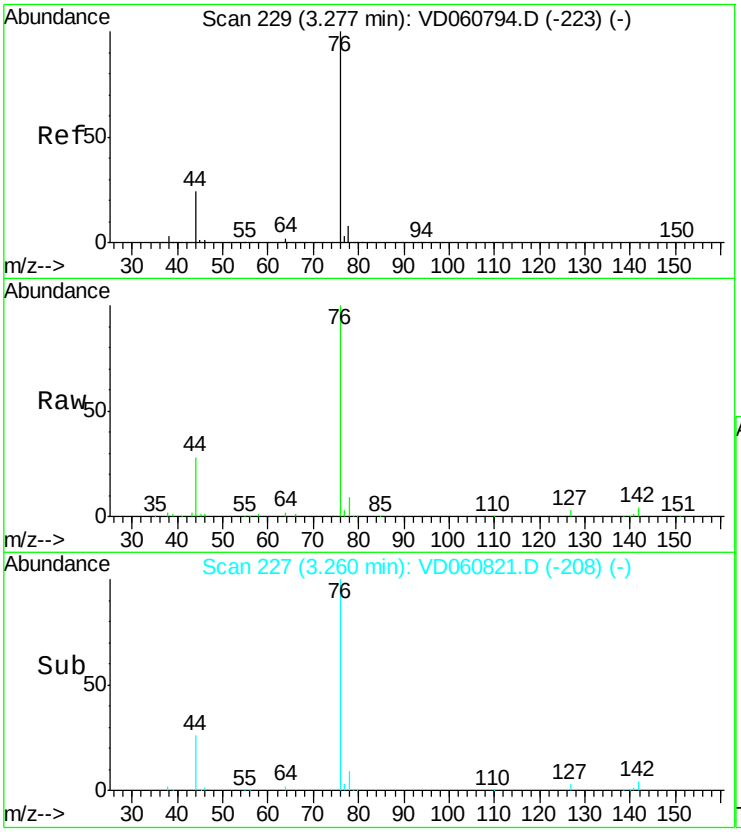




#16
Acetone
Concen: 390.313 ug/l
RT: 3.10 min Scan# 211
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 43 Resp: 298108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 15.9 | 14.5 | 21.7 |



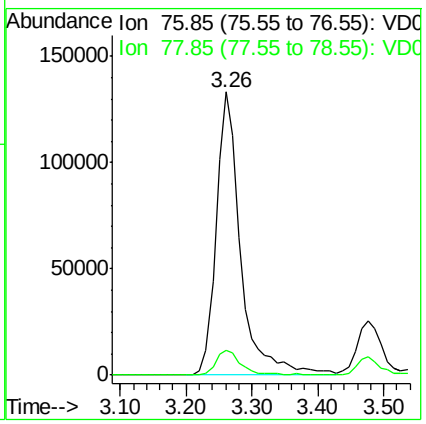


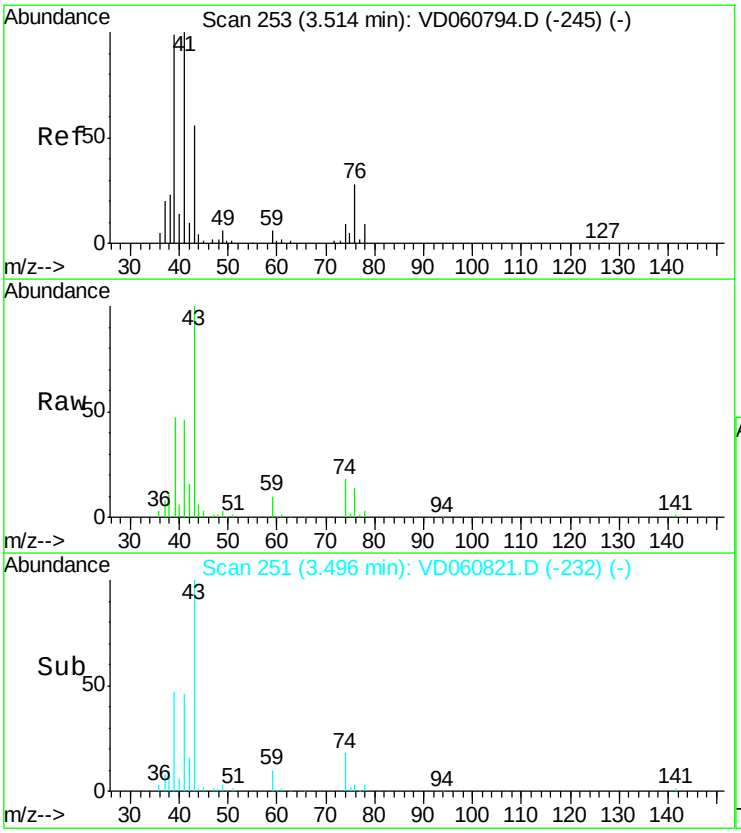

#17
Carbon Disulfide
Concen: 53.235 ug/l
RT: 3.26 min Scan# 227
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 76 Resp: 342622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.7 | 6.5 | 9.7 |

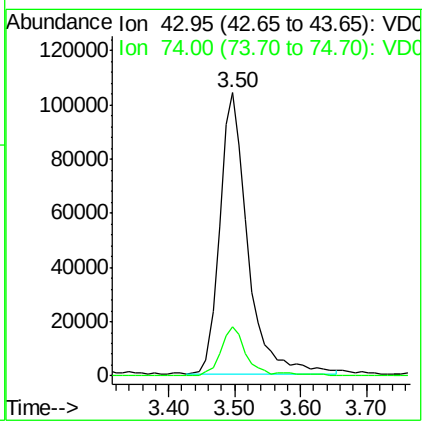


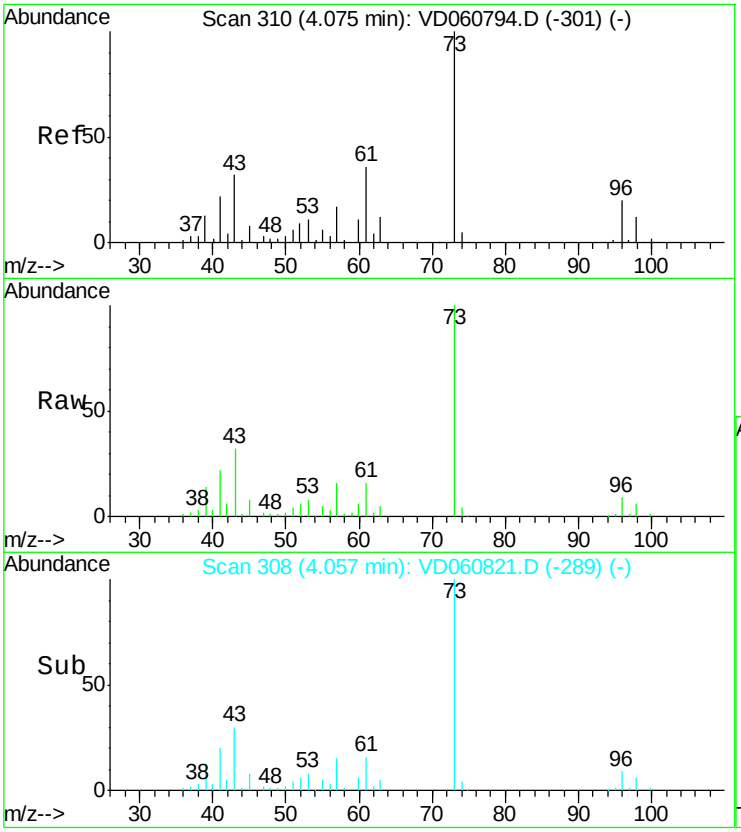




#18
Methyl Acetate
Concen: 202.710 ug/l
RT: 3.50 min Scan# 251
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 43 Resp: 306921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 17.5 | 12.5 | 18.7 |



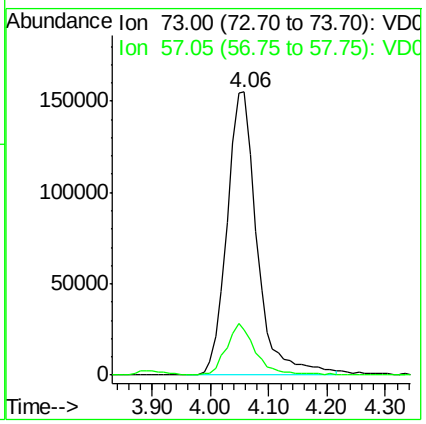


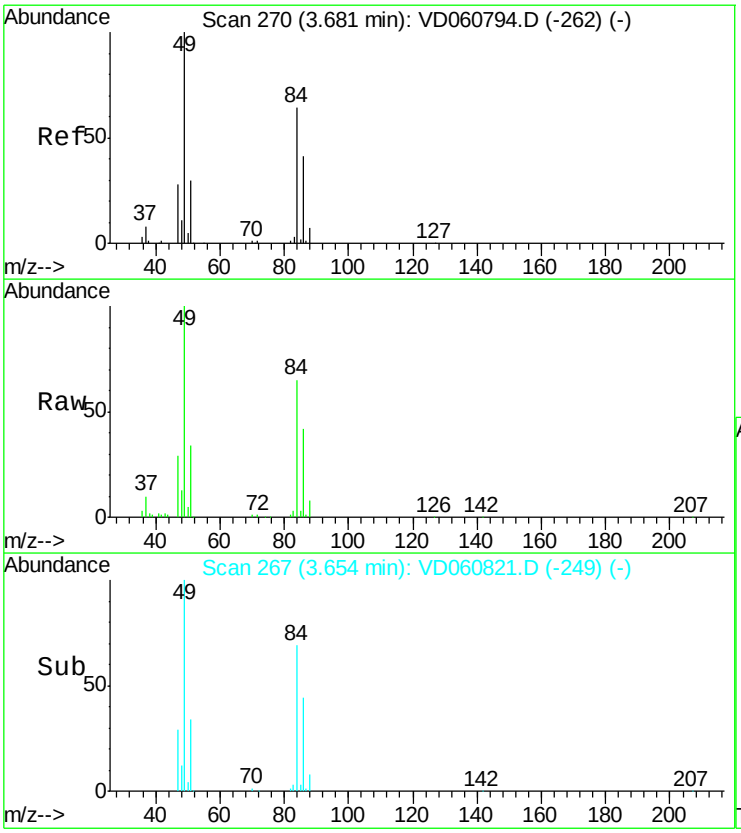

#19
Methyl tert-butyl Ether
Concen: 67.156 ug/l
RT: 4.06 min Scan# 308
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion: 73 Resp: 557062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 15.9 | 14.0 | 21.0 |

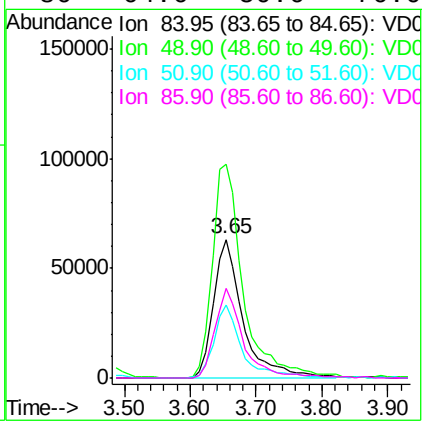


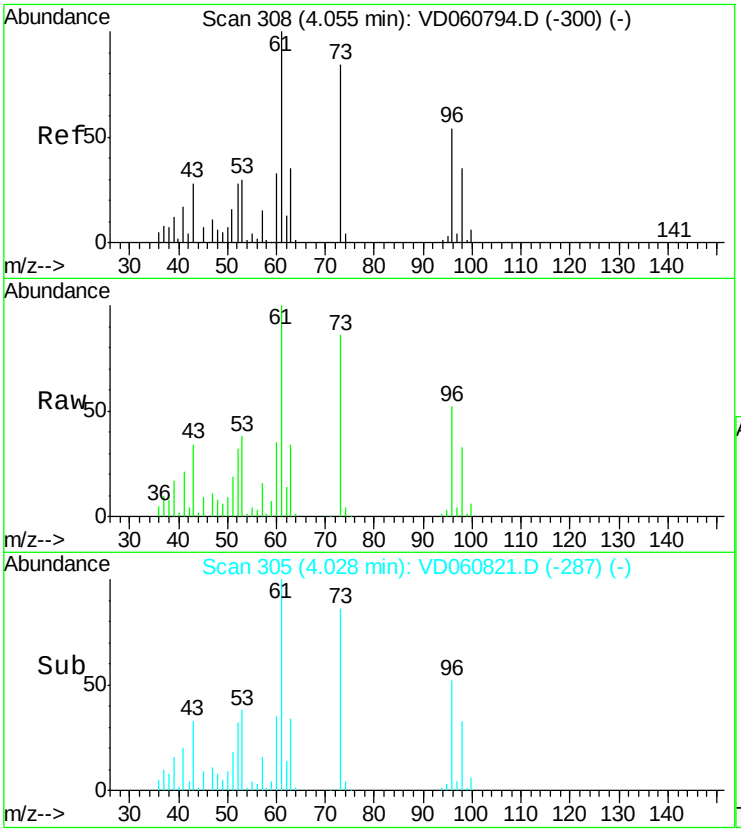




#20
Methylene Chloride
Concen: 59.050 ug/l
RT: 3.65 min Scan# 267
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 84 Resp: 195480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 154.4 | 124.2 | 186.2 |
| 51 | 52.4 | 38.1 | 57.1 |
| 86 | 64.6 | 50.6 | 76.0 |



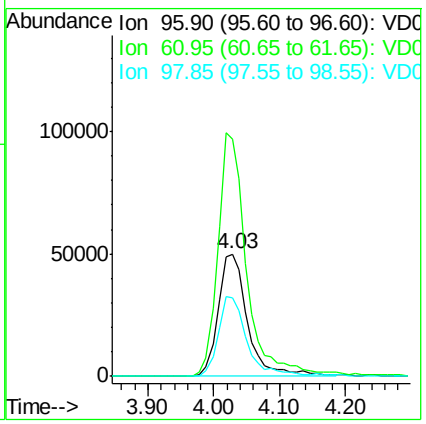


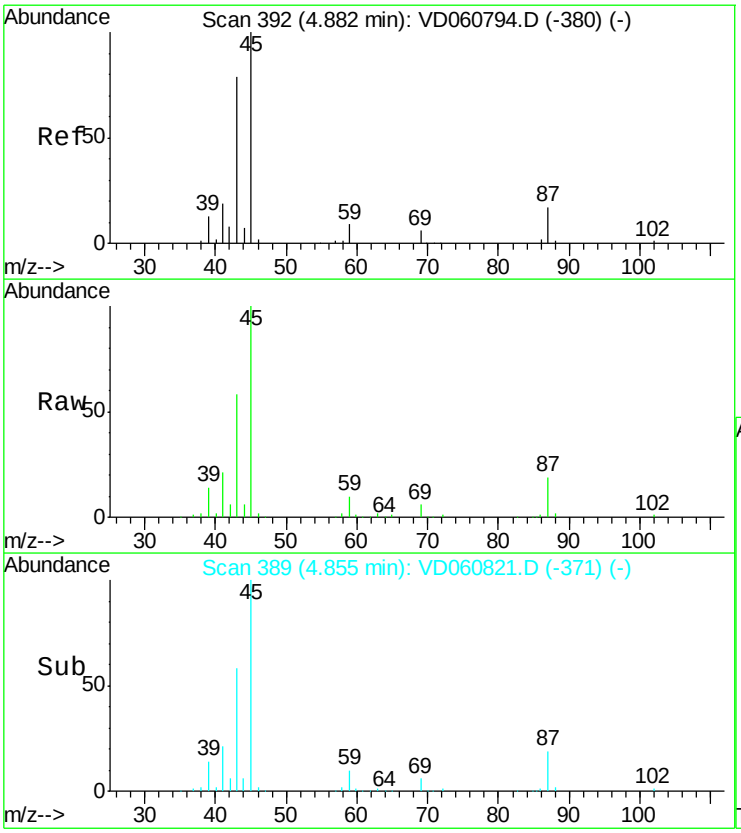

#21
trans-1,2-Dichloroethene
Concen: 48.441 ug/l
RT: 4.03 min Scan# 305
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 96 Resp: 155155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 193.7 | 147.4 | 221.2 |
| 98 | 63.7 | 51.5 | 77.3 |

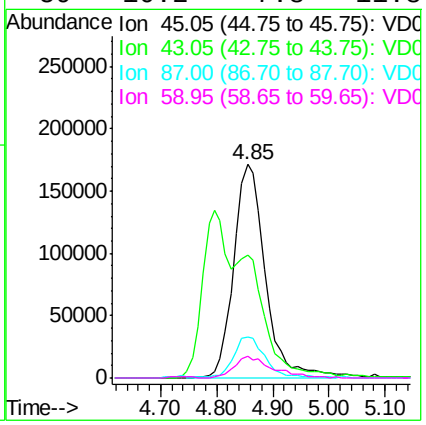


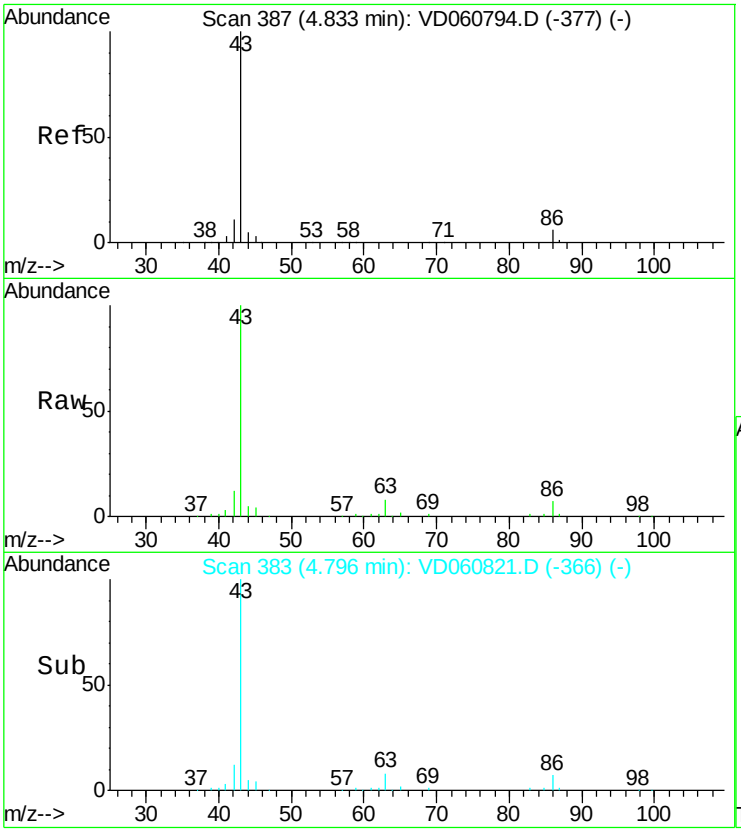




#22
Diisopropyl ether
Concen: 61.378 ug/l
RT: 4.85 min Scan# 389
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 45 Resp: 668759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 57.7 | 64.3 | 96.5# |
| 87 | 19.2 | 14.3 | 21.5 |
| 59 | 10.2 | 7.8 | 11.8 |



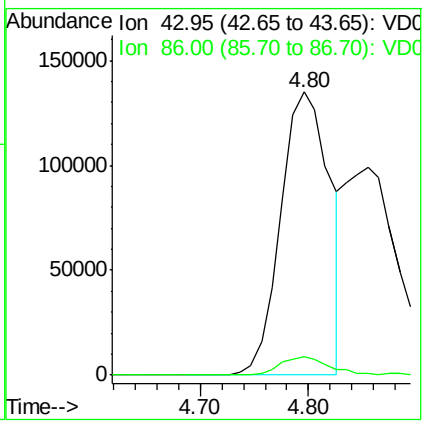


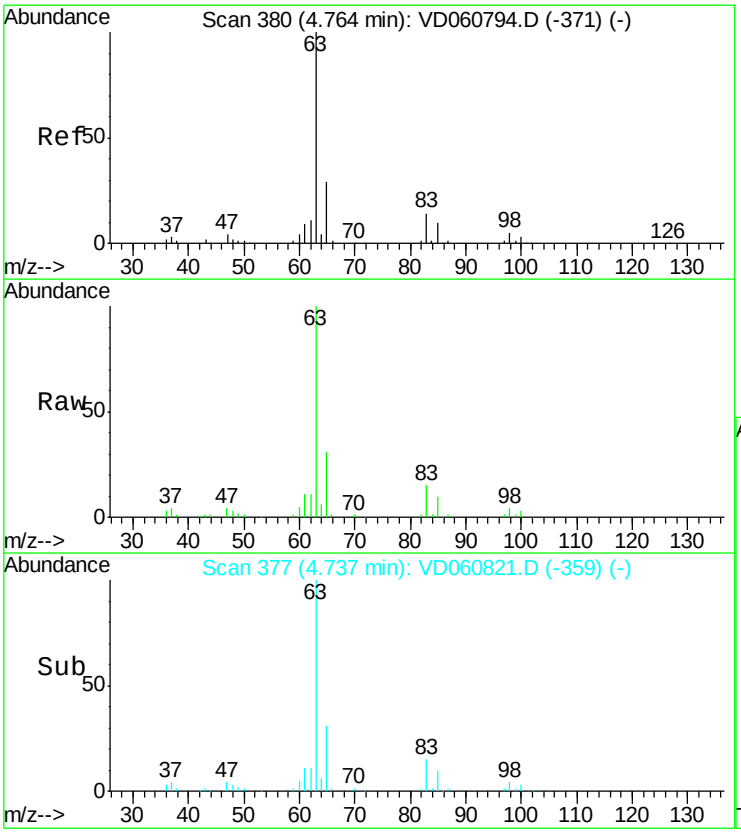

#23
Vinyl Acetate
Concen: 67.959 ug/l
RT: 4.80 min Scan# 383
Delta R.T. -0.04 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 43 Resp: 426416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 6.6 | 4.7 | 7.1 |

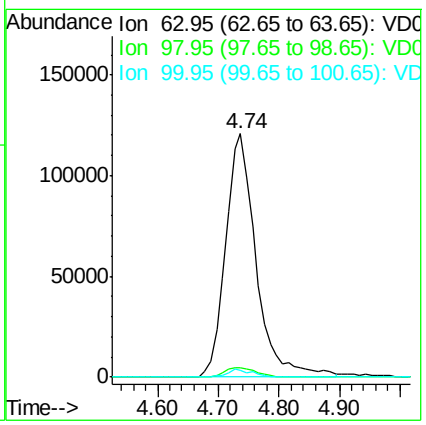


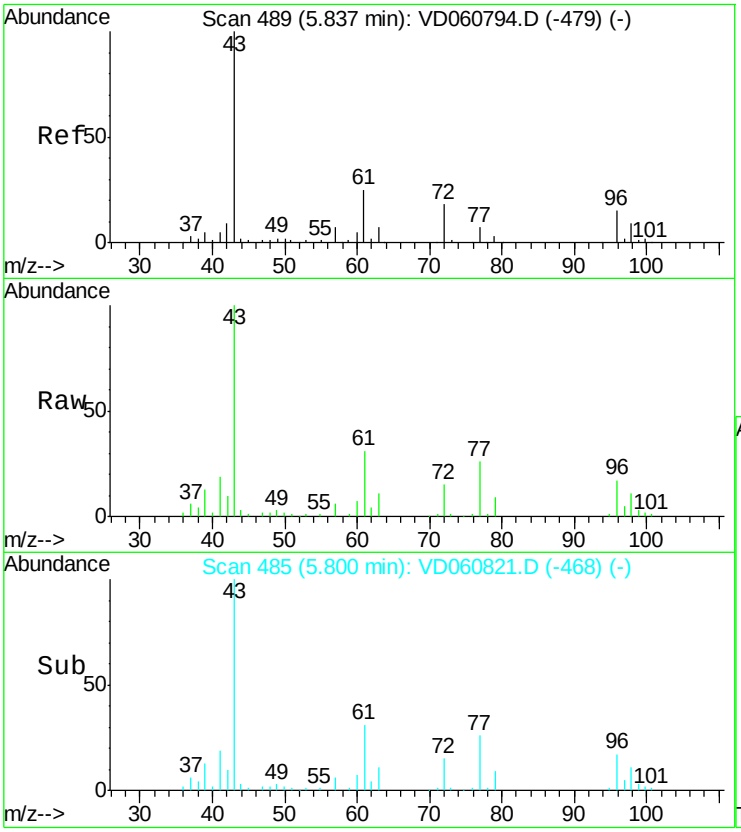




#24
1,1-Dichloroethane
Concen: 59.141 ug/l
RT: 4.74 min Scan# 377
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 63 Resp: 421847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 3.7 | 2.3 | 6.9 |
| 100 | 2.8 | 1.3 | 3.8 |



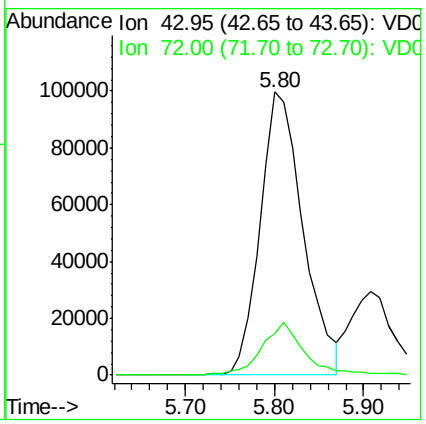


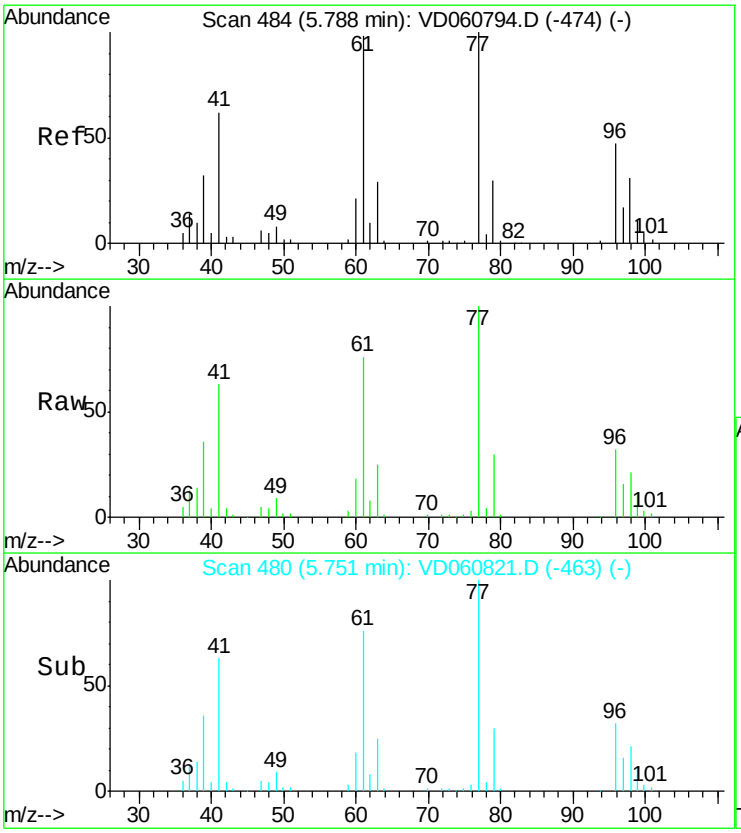

#25
2-Butanone
Concen: 341.013 ug/l
RT: 5.80 min Scan# 485
Delta R.T. -0.04 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion: 43 Resp: 333369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 14.6 | 14.4 | 21.6 |

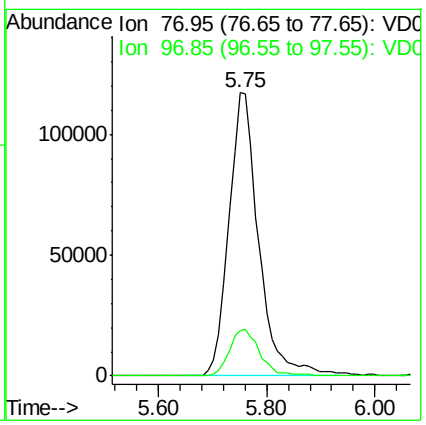


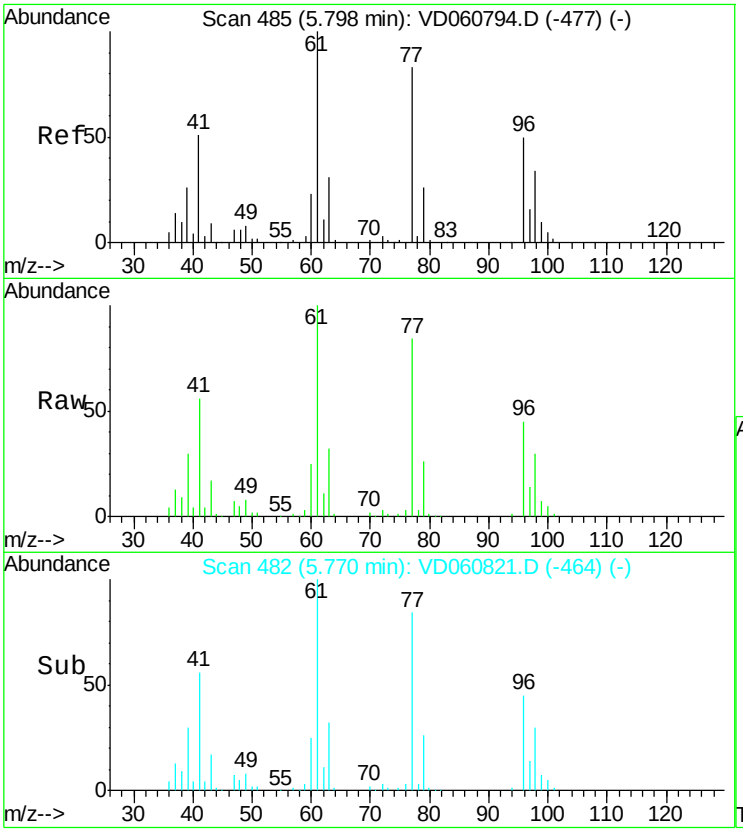




#26
2,2-Dichloropropane
Concen: 59.731 ug/l
RT: 5.75 min Scan# 480
Delta R.T. -0.04 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 77 Resp: 448918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 15.8 | 8.3 | 24.9 |



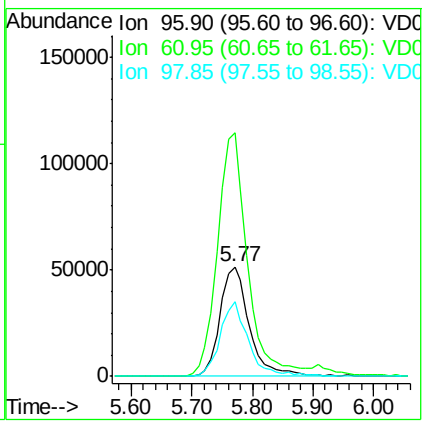


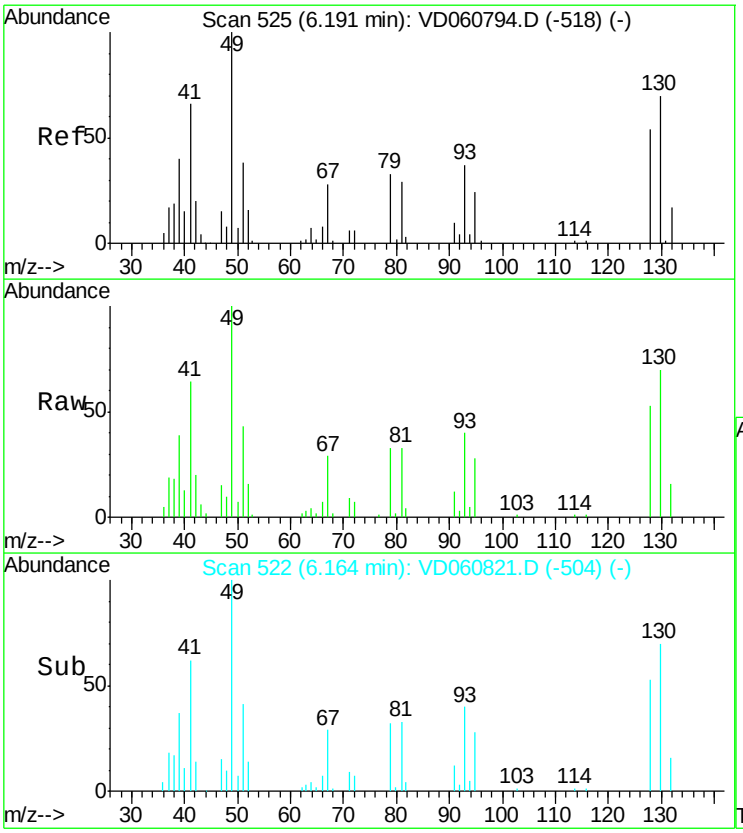

#27
cis-1,2-Dichloroethene
Concen: 47.849 ug/l
RT: 5.77 min Scan# 482
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion: 96 Resp: 174553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 222.0 | 0.0 | 400.0 |
| 98 | 67.7 | 0.0 | 136.4 |

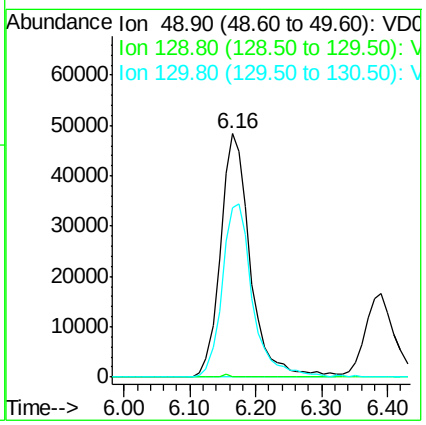


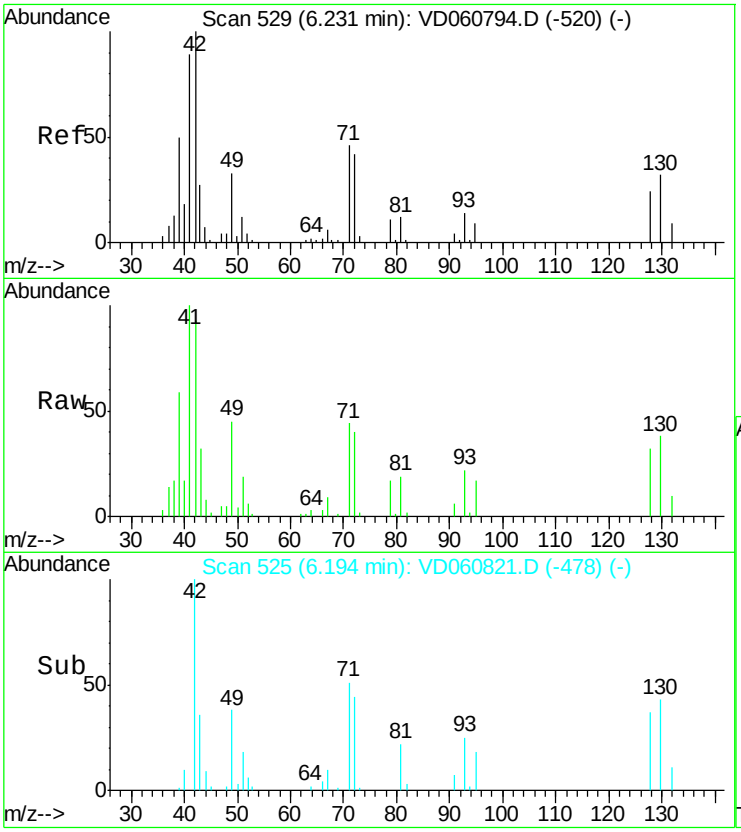




#28
Bromochloromethane
Concen: 54.956 ug/l
RT: 6.16 min Scan# 522
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 49 Resp: 152917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 0.0 |
| 130 | 69.5 | 56.1 | 84.1 |



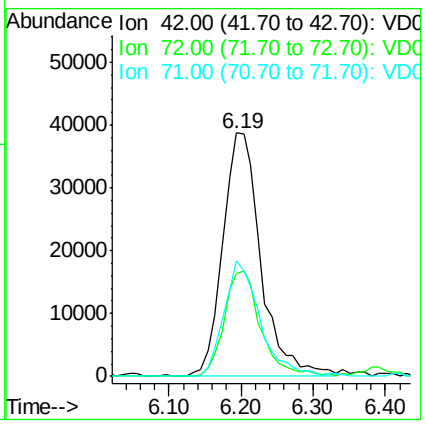


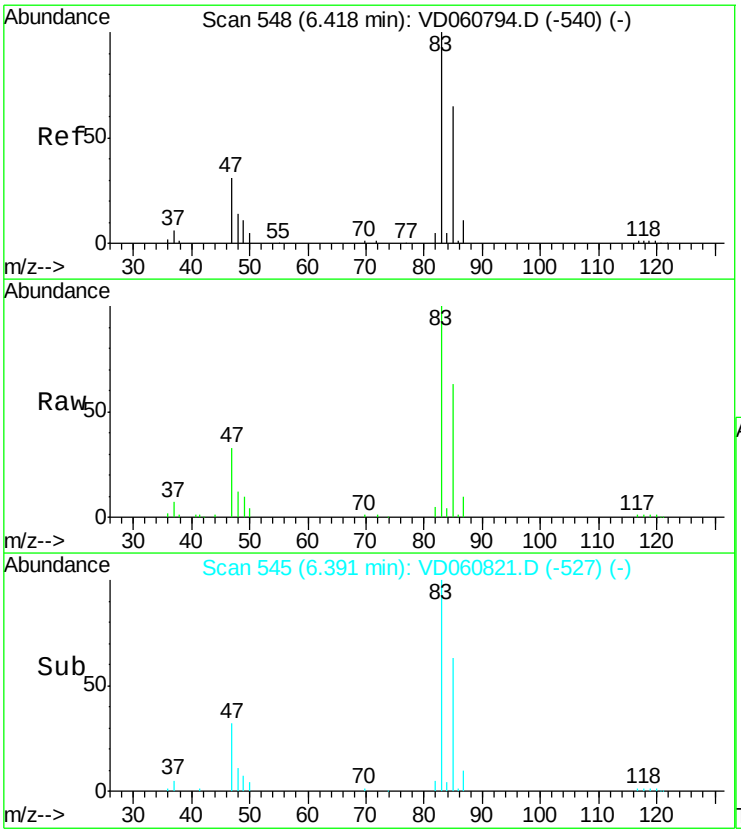

#29
Tetrahydrofuran
Concen: 302.428 ug/l
RT: 6.19 min Scan# 525
Delta R.T. -0.04 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion: 42 Resp: 141977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 41.4 | 32.8 | 49.2 |
| 71 | 44.6 | 34.6 | 52.0 |

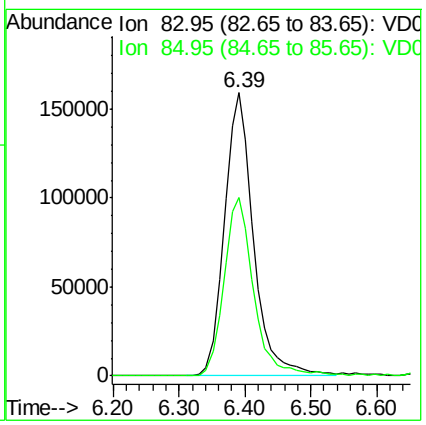


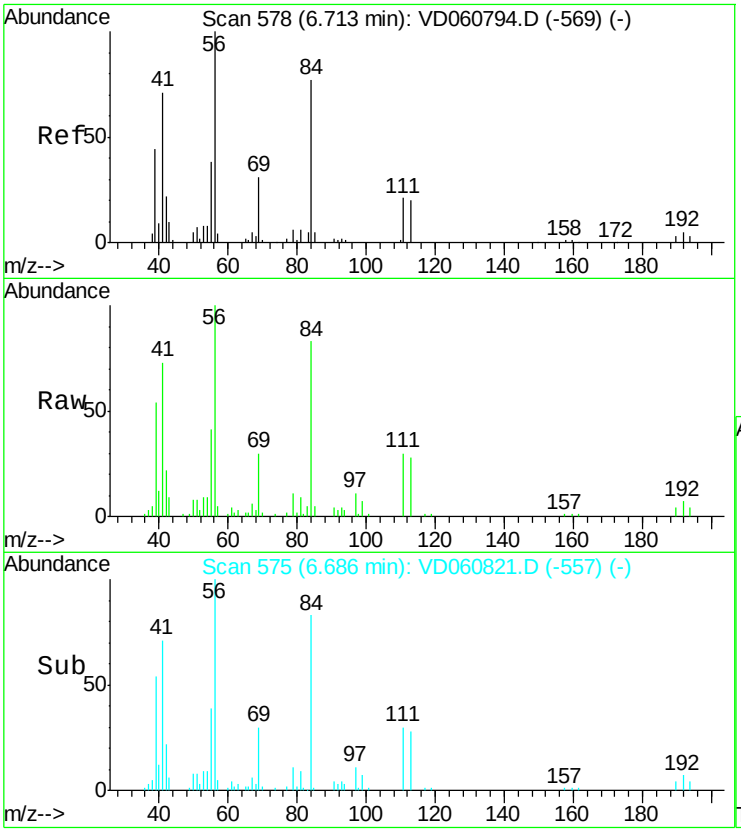




#30
Chloroform
Concen: 58.266 ug/l
RT: 6.39 min Scan# 545
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 83 Resp: 491222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.2 | 52.3 | 78.5 |



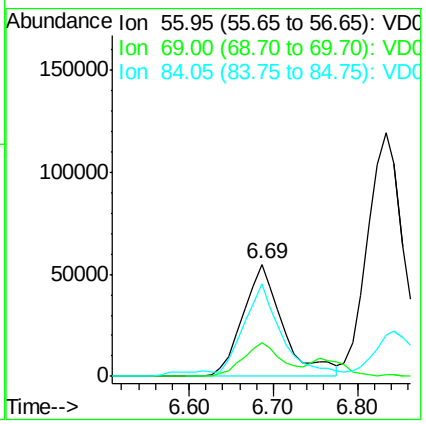


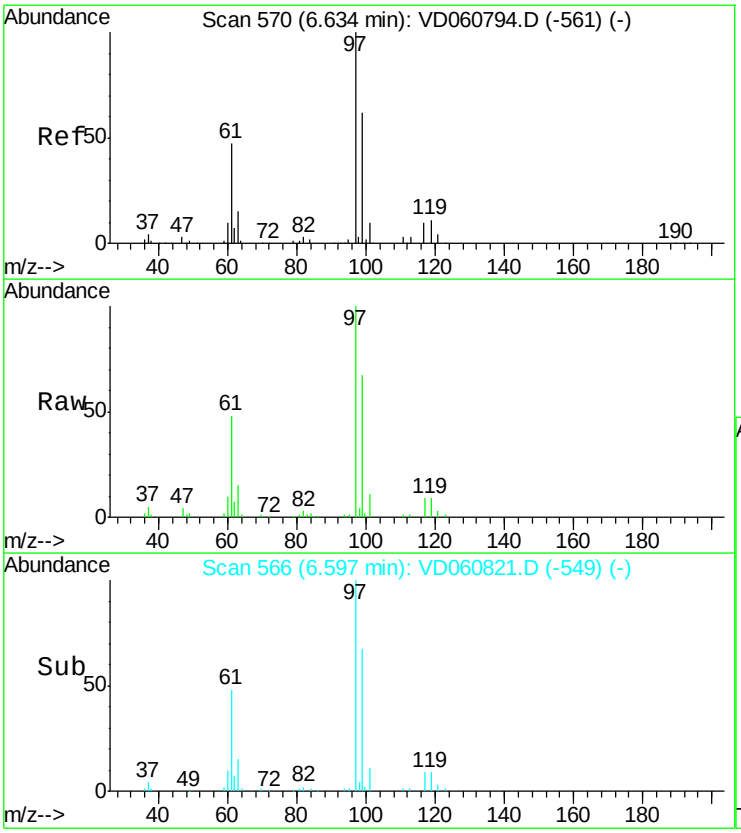

#31
Cyclohexane
Concen: 37.581 ug/l
RT: 6.69 min Scan# 575
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 56 Resp: 182384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.0 | 25.1 | 37.7 |
| 84 | 82.9 | 63.9 | 95.9 |

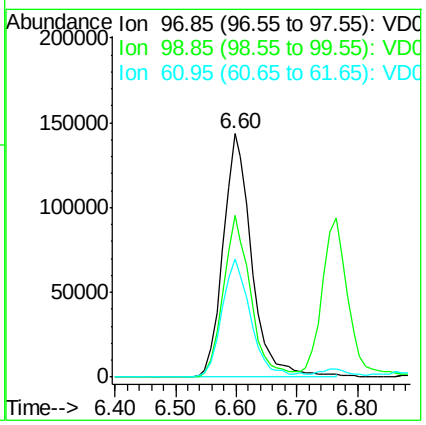


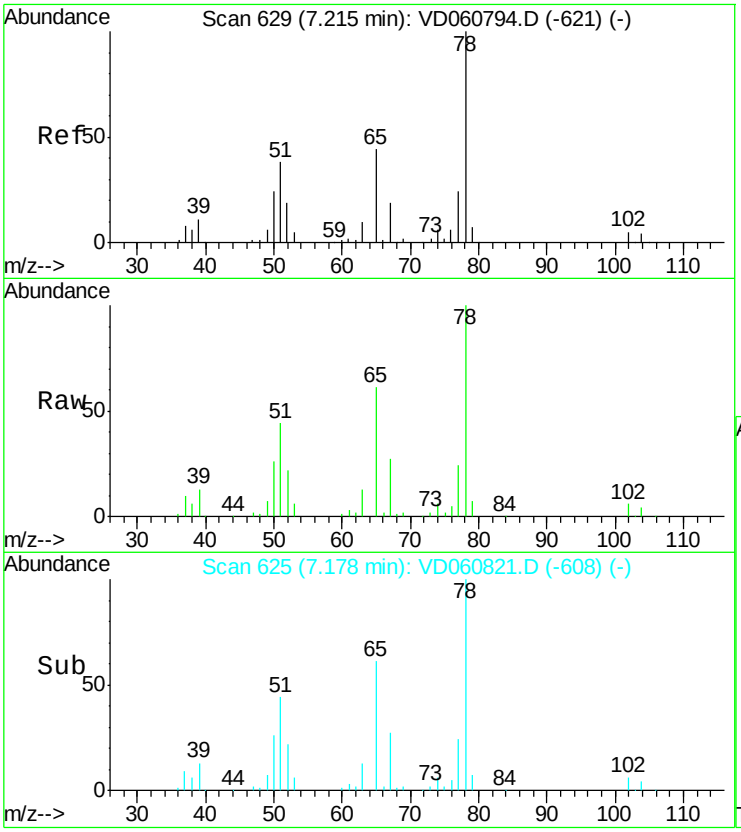




#32
1,1,1-Trichloroethane
Concen: 57.795 ug/l
RT: 6.60 min Scan# 566
Delta R.T. -0.04 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 97 Resp: 469217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 66.6 | 49.6 | 74.4 |
| 61 | 48.5 | 37.4 | 56.2 |



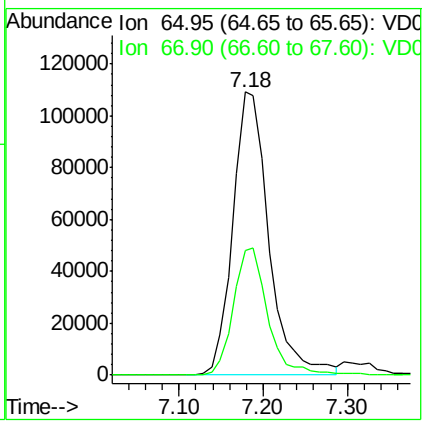


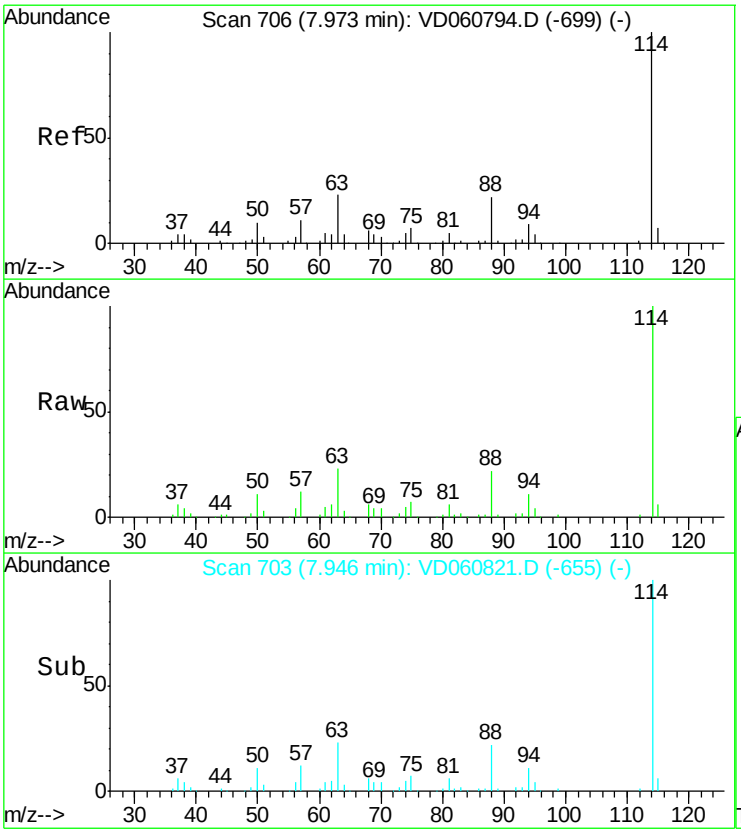

#33
1,2-Dichloroethane-d4
Concen: 57.795 ug/l
RT: 7.18 min Scan# 625
Delta R.T. -0.04 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 65 Resp: 325720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 44.2 | 0.0 | 85.8 |

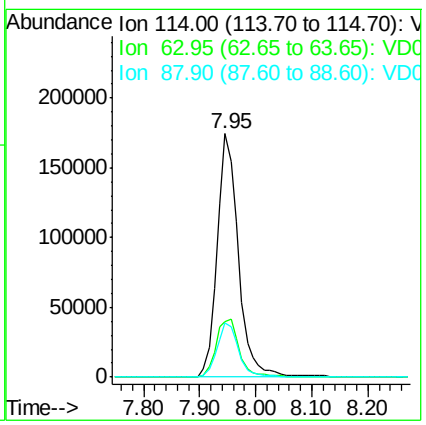


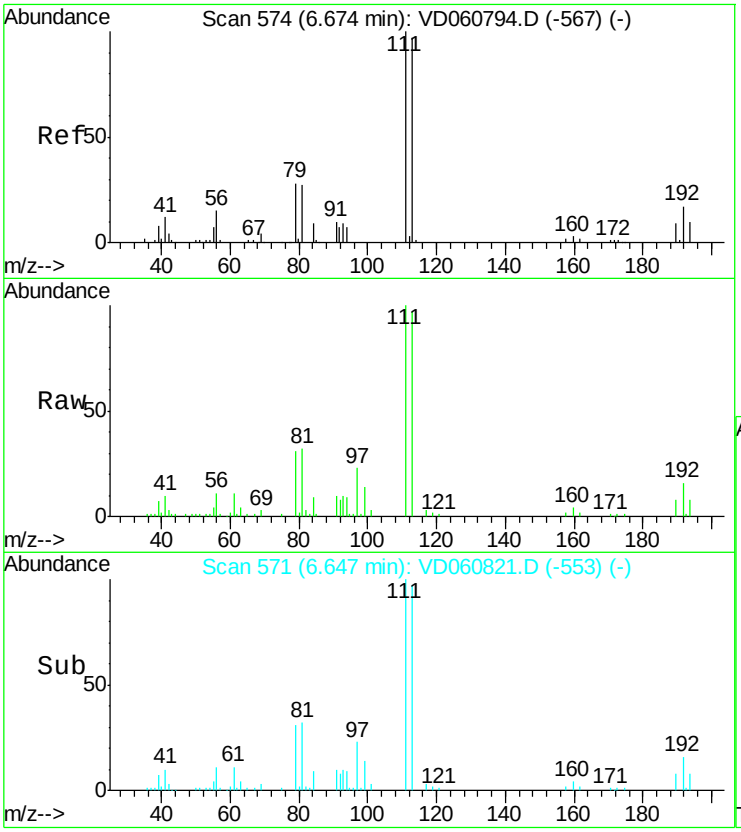




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 703
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion:114 Resp: 462591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.8 | 0.0 | 46.6 |
| 88 | 22.4 | 0.0 | 44.0 |



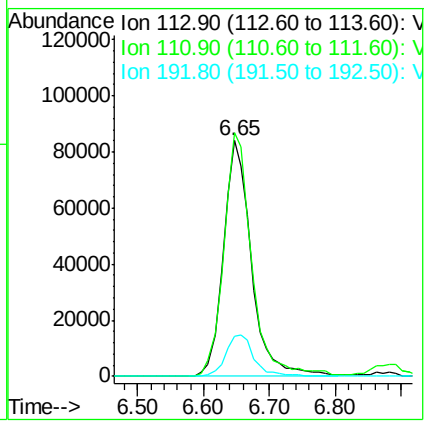


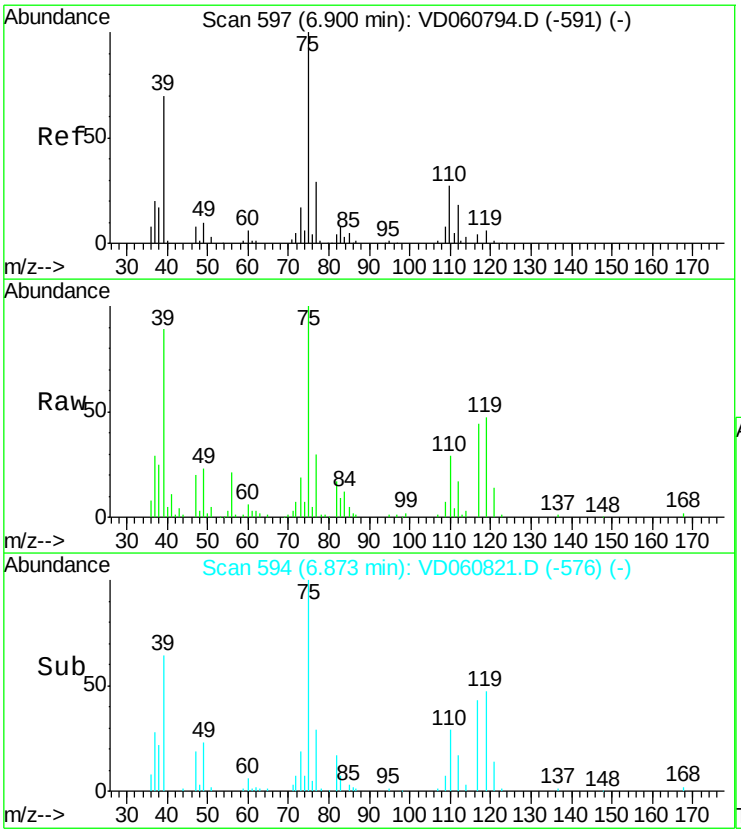

#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.65 min Scan# 571
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion:113 Resp: 249786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.3 | 82.3 | 123.5 |
| 192 | 16.8 | 14.4 | 21.6 |

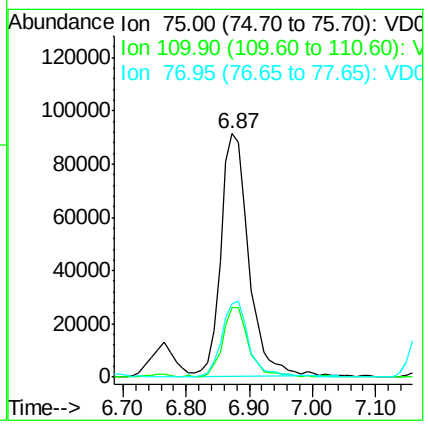


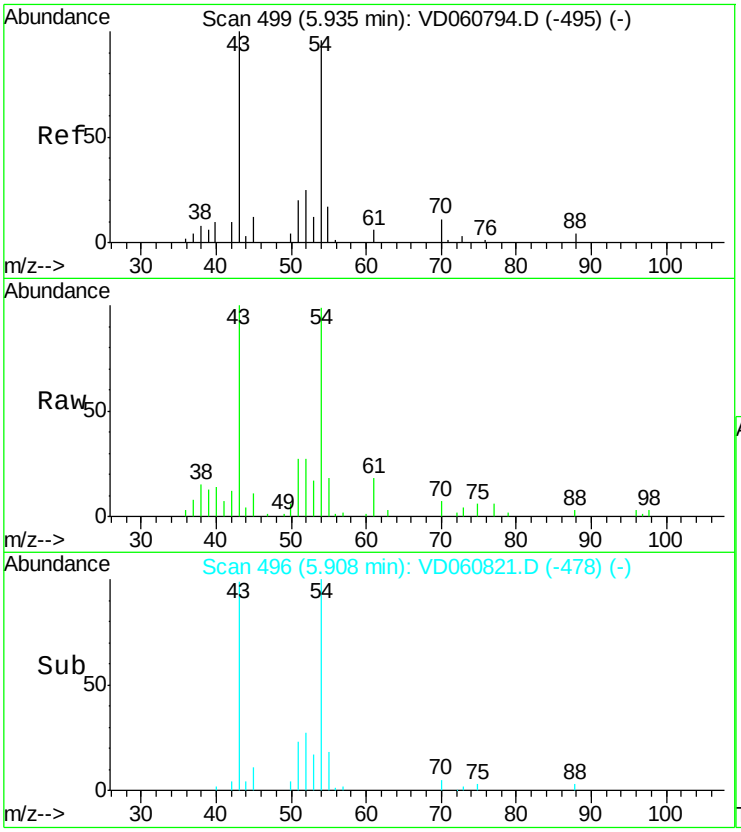




#36
1,1-Dichloropropene
Concen: 50.800 ug/l
RT: 6.87 min Scan# 594
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 75 Resp: 280581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 28.8 | 13.5 | 40.4 |
| 77 | 30.1 | 23.4 | 35.2 |



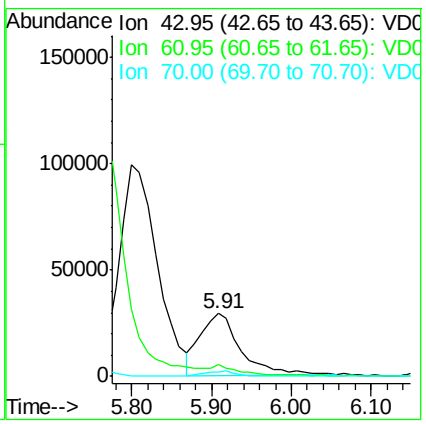


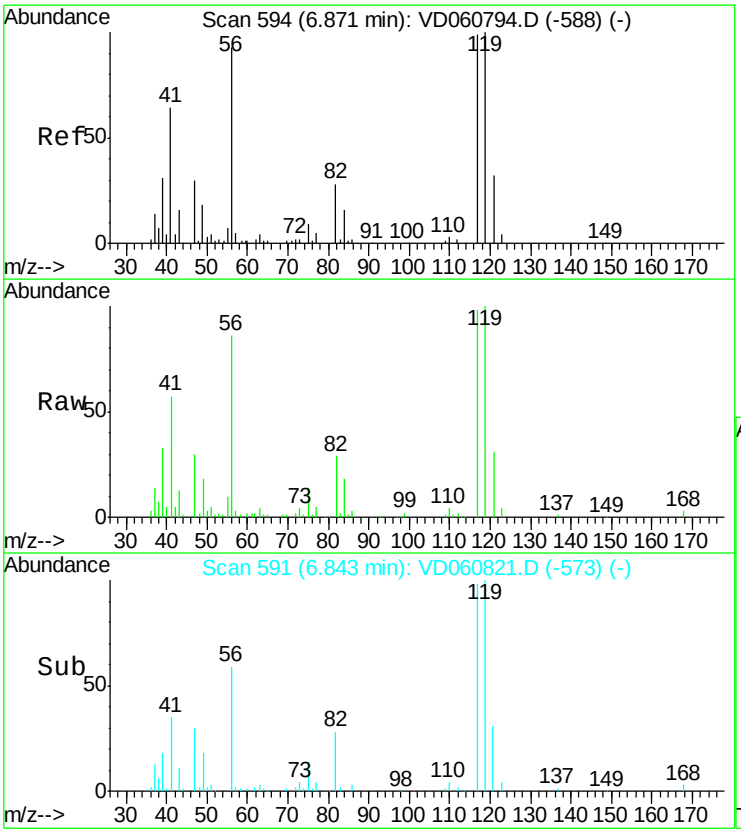

#37
Ethyl Acetate
Concen: 41.819 ug/l
RT: 5.91 min Scan# 496
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 43 Resp: 103107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.3 | 12.3 | 18.5 |
| 70 | 7.2 | 7.4 | 11.0# |

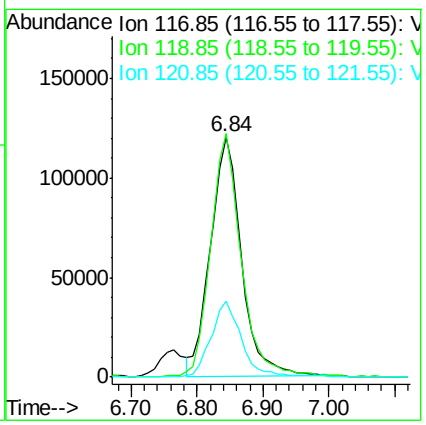


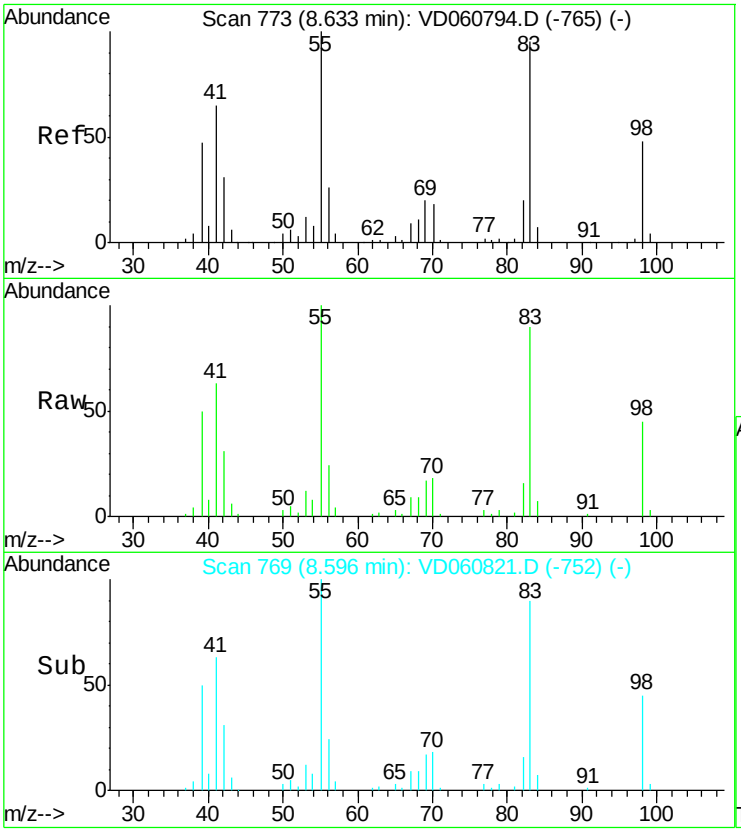




#38
Carbon Tetrachloride
Concen: 56.539 ug/l
RT: 6.84 min Scan# 591
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion:117 Resp: 391585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 101.5 | 75.6 | 113.4 |
| 121 | 31.4 | 23.4 | 35.2 |



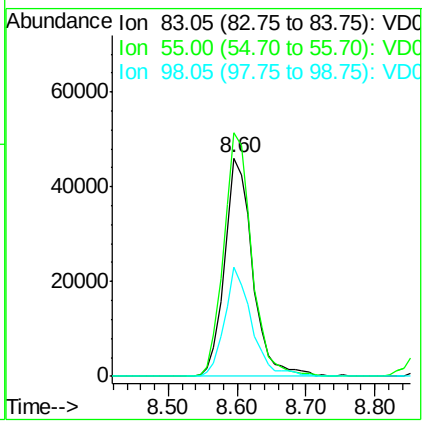


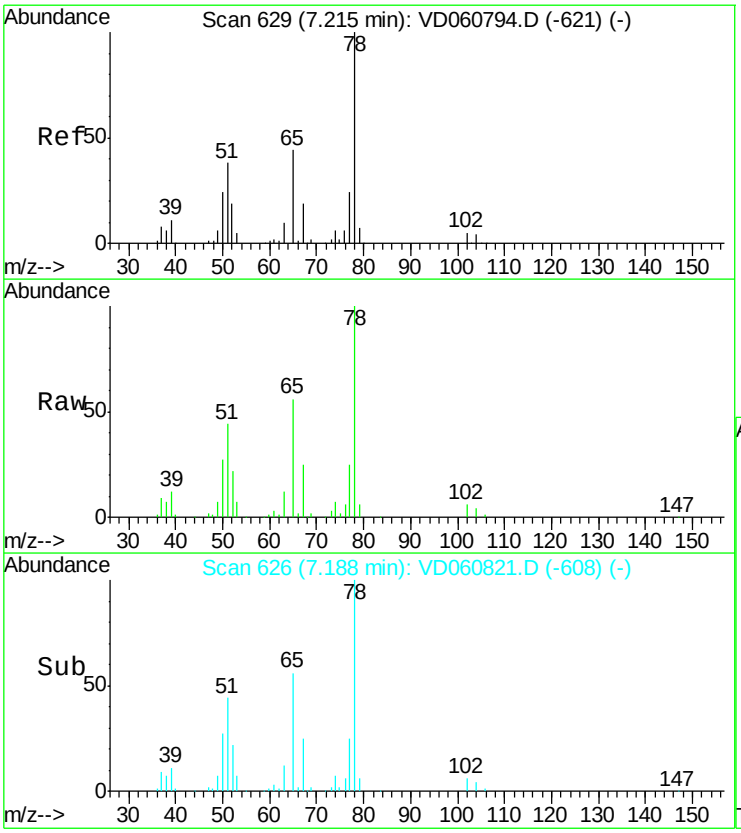

#39
Methylcyclohexane
Concen: 27.991 ug/l
RT: 8.60 min Scan# 769
Delta R.T. -0.04 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 83 Resp: 129470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 111.7 | 83.8 | 125.8 |
| 98 | 49.8 | 39.8 | 59.8 |

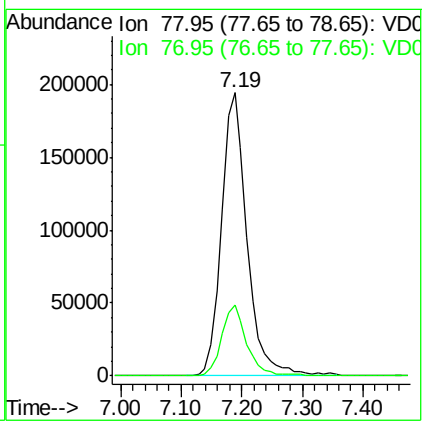


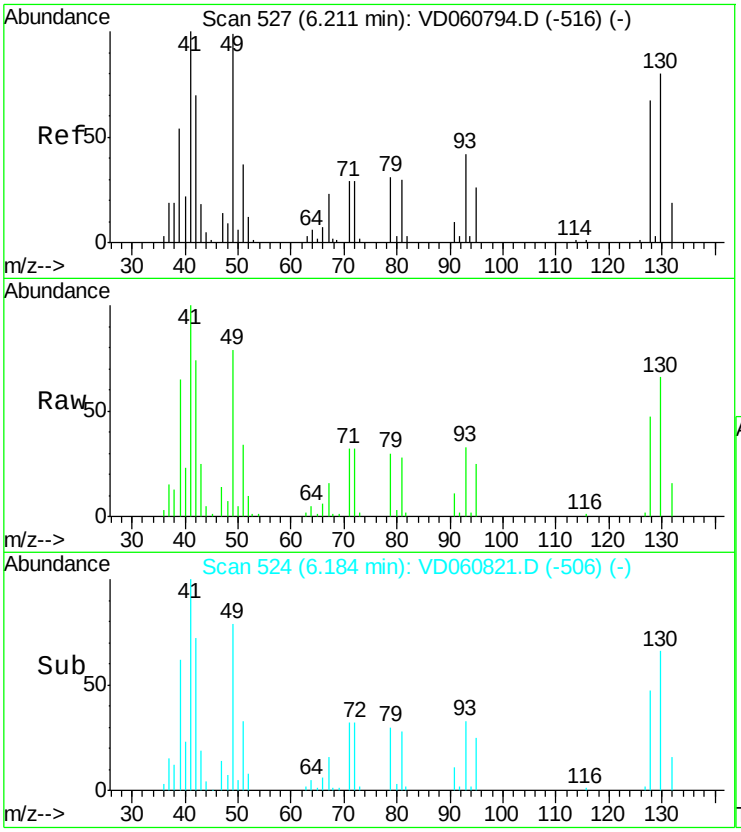




#40
Benzene
Concen: 52.125 ug/l
RT: 7.19 min Scan# 626
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 78 Resp: 568216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.9 | 18.9 | 28.3 |



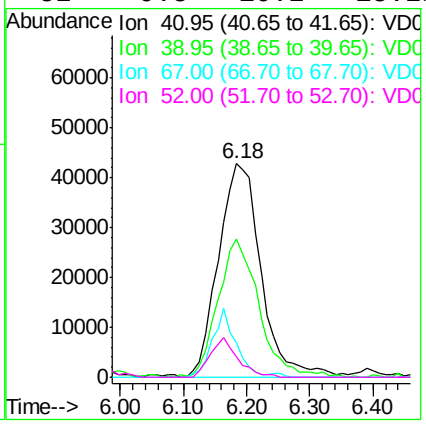


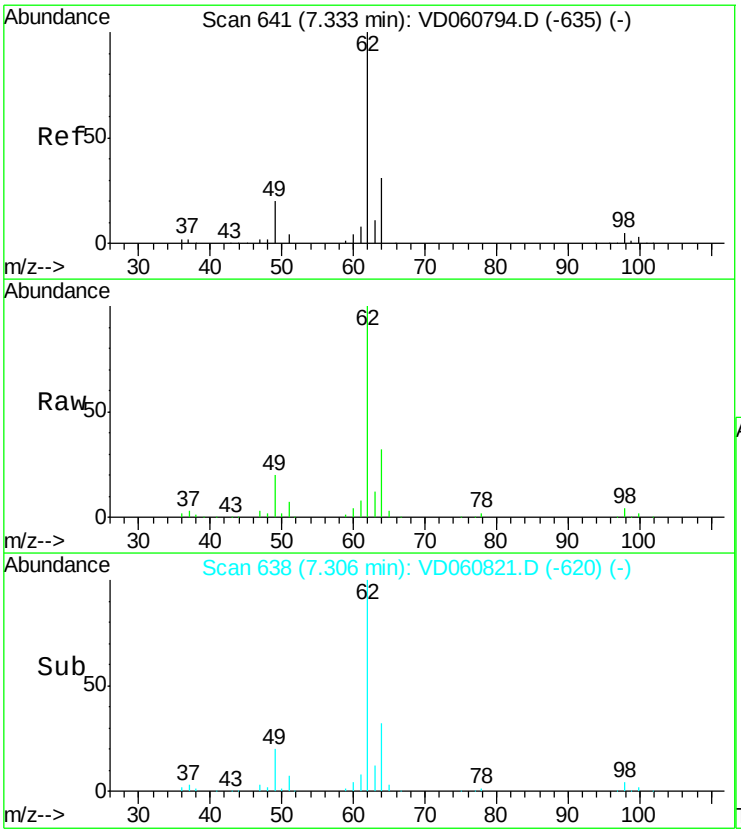

#41
Methacrylonitrile
Concen: 127.578 ug/l
RT: 6.18 min Scan# 524
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 41 Resp: 199763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 64.8 | 43.6 | 65.4 |
| 67 | 15.9 | 18.5 | 27.7# |
| 52 | 9.5 | 10.2 | 15.2# |

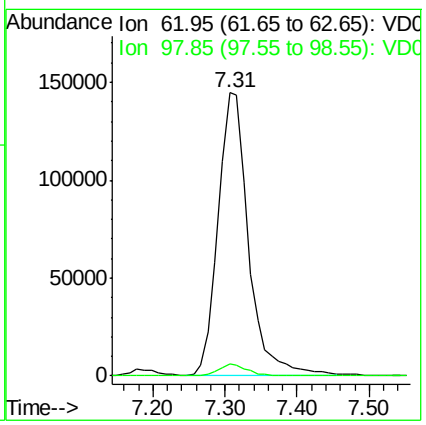


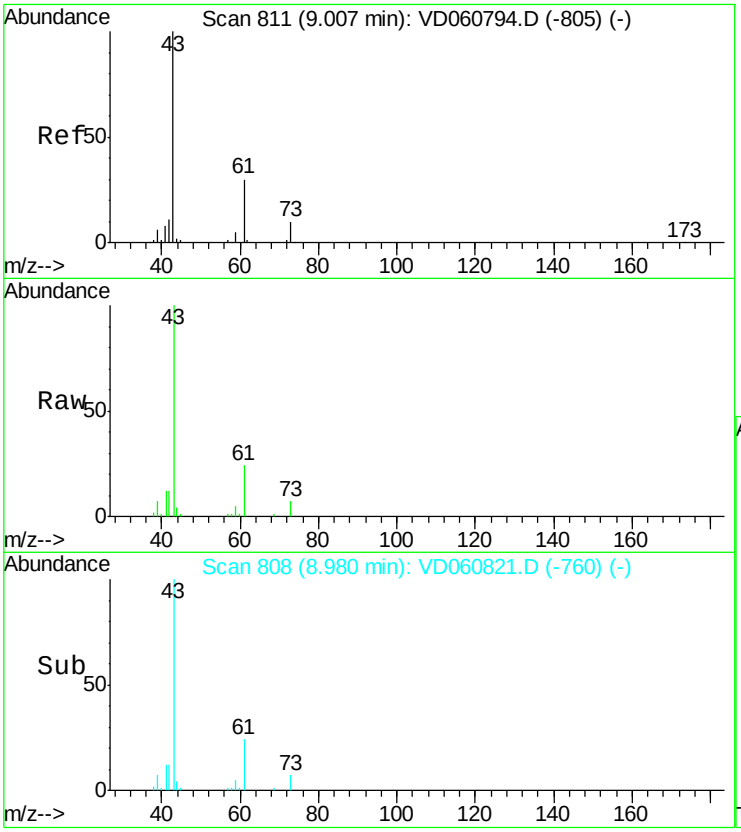




#42
1,2-Dichloroethane
Concen: 66.810 ug/l
RT: 7.31 min Scan# 638
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 62 Resp: 423093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 4.0 | 0.0 | 10.2 |



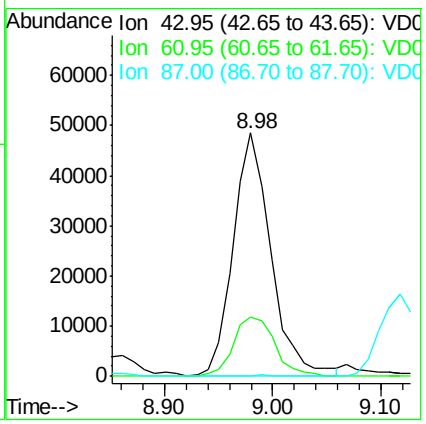


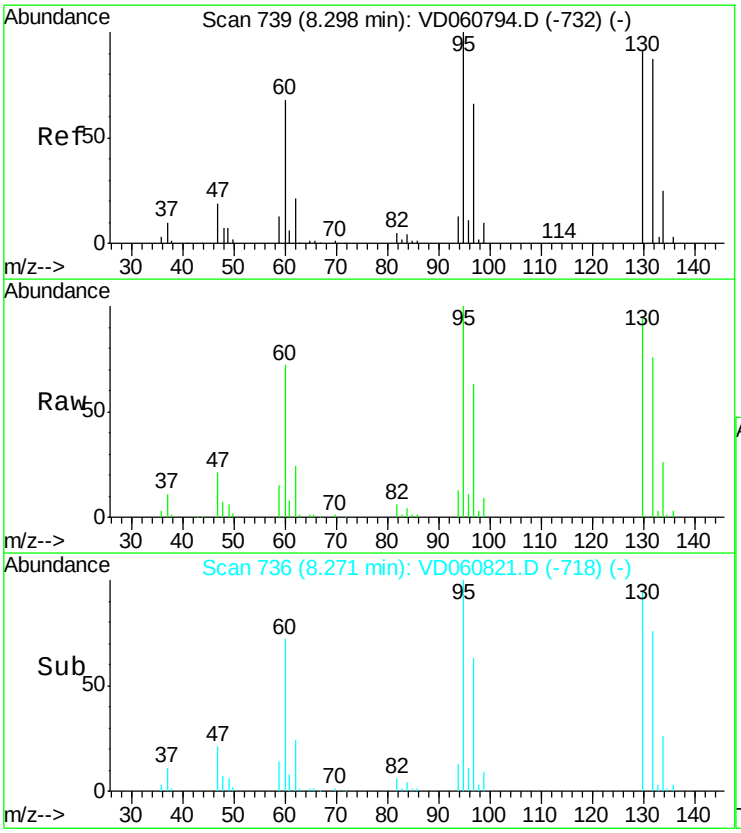

#43
Isopropyl Acetate
Concen: 36.726 ug/l
RT: 8.98 min Scan# 808
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 43 Resp: 118100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 24.4 | 24.1 | 36.1 |
| 87 | 0.0 | 0.0 | 0.0 |

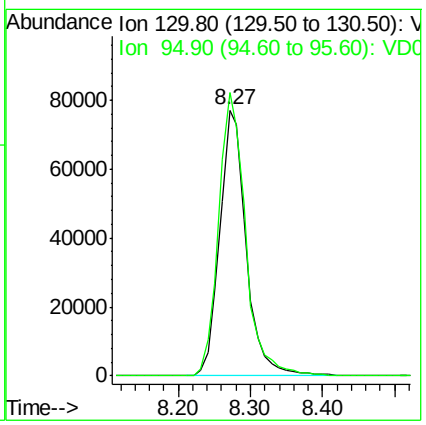


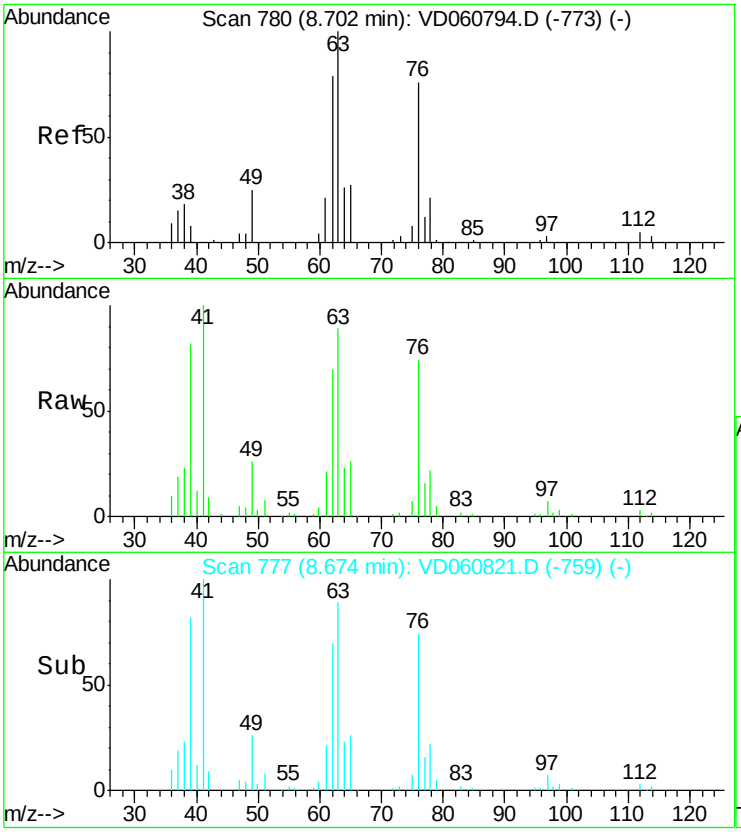




#44
Trichloroethene
Concen: 52.632 ug/l
RT: 8.27 min Scan# 736
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion:130 Resp: 194499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 106.6 | 0.0 | 221.0 |



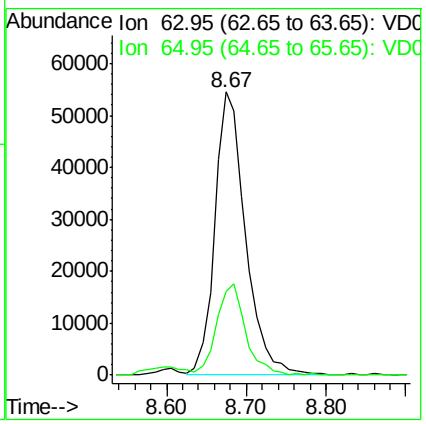


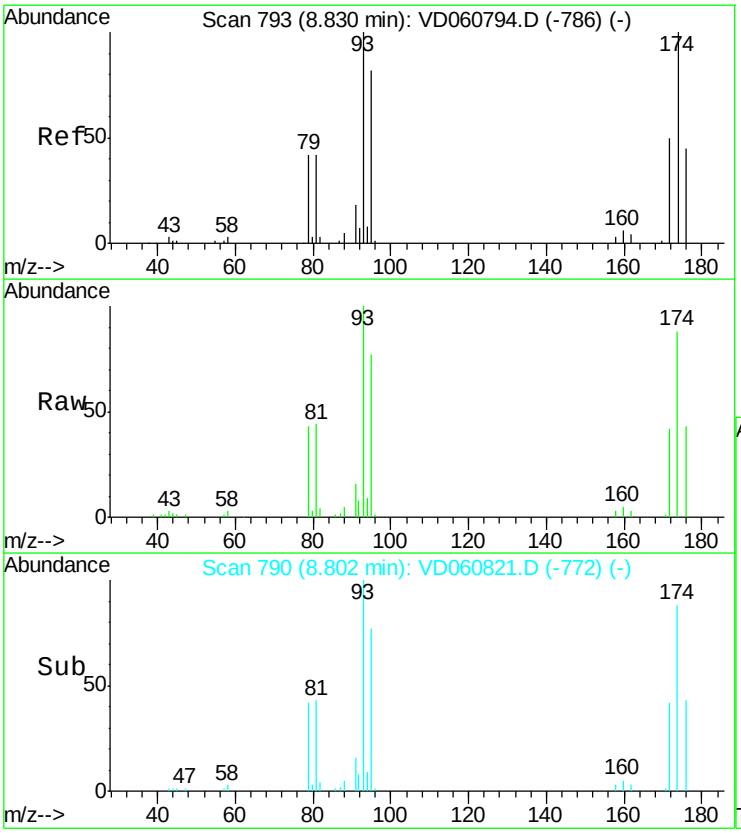

#45
1,2-Dichloropropane
Concen: 49.985 ug/l
RT: 8.67 min Scan# 777
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 63 Resp: 147501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.5 | 24.1 | 36.1 |

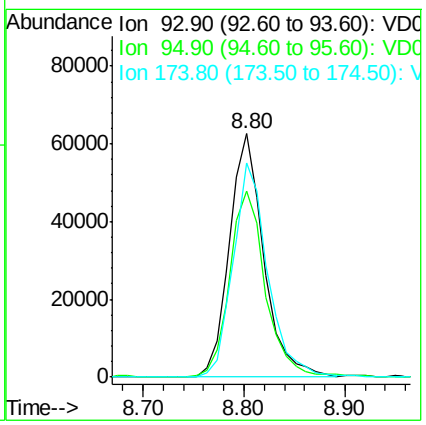


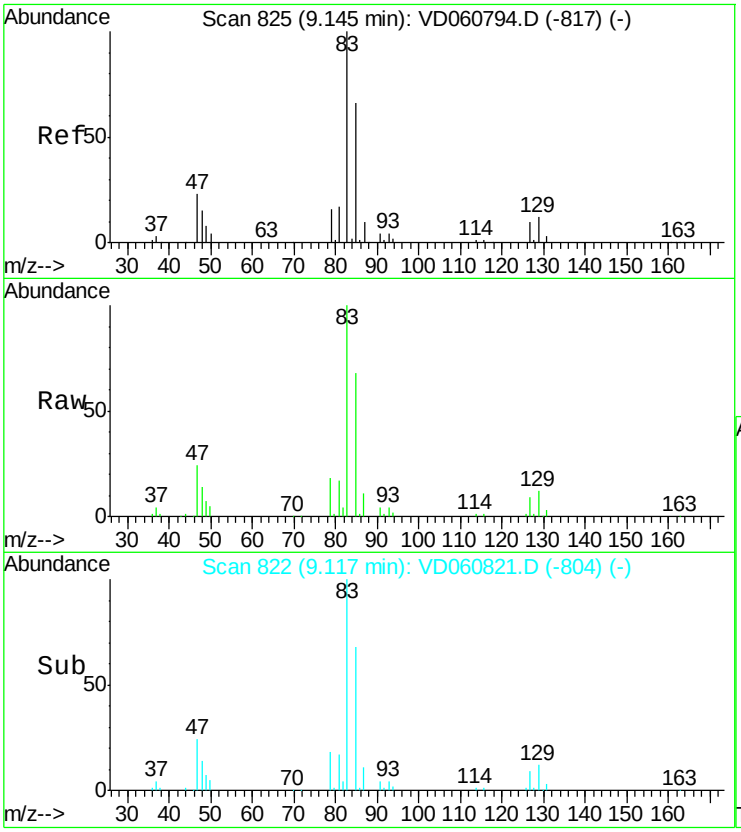




#46
Dibromomethane
Concen: 64.735 ug/l
RT: 8.80 min Scan# 790
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 93 Resp: 148294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 76.5 | 65.8 | 98.8 |
| 174 | 87.8 | 79.8 | 119.6 |



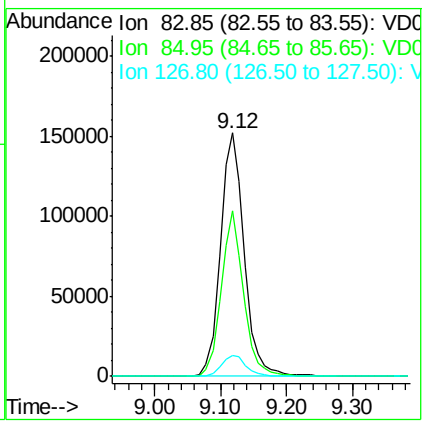


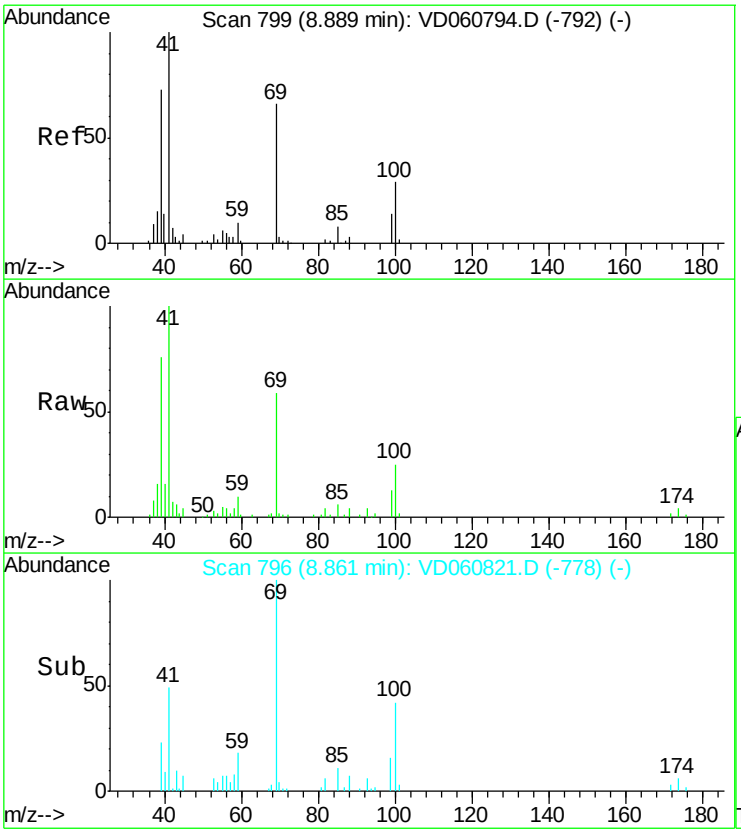

#47
Bromodichloromethane
Concen: 61.743 ug/l
RT: 9.12 min Scan# 822
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 83 Resp: 381771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.9 | 52.6 | 79.0 |
| 127 | 8.6 | 7.7 | 11.5 |

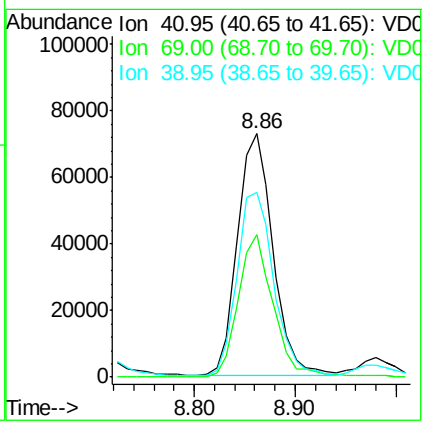


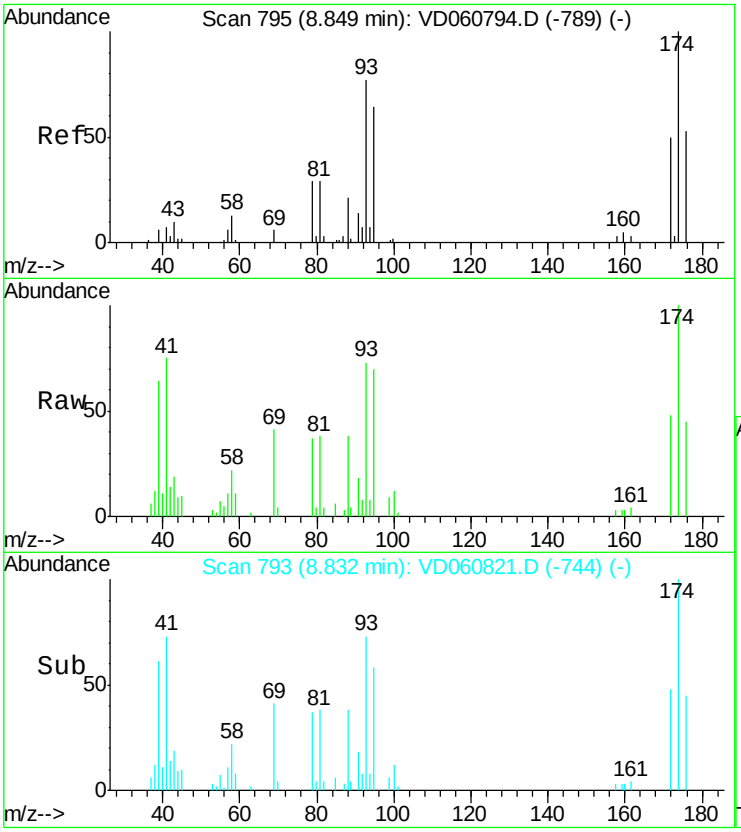




#48
Methyl methacrylate
Concen: 79.850 ug/l
RT: 8.86 min Scan# 796
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 41 Resp: 177069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 58.6 | 52.5 | 78.7 |
| 39 | 76.0 | 59.0 | 88.6 |



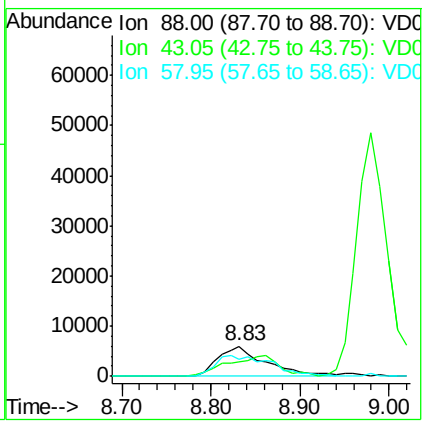


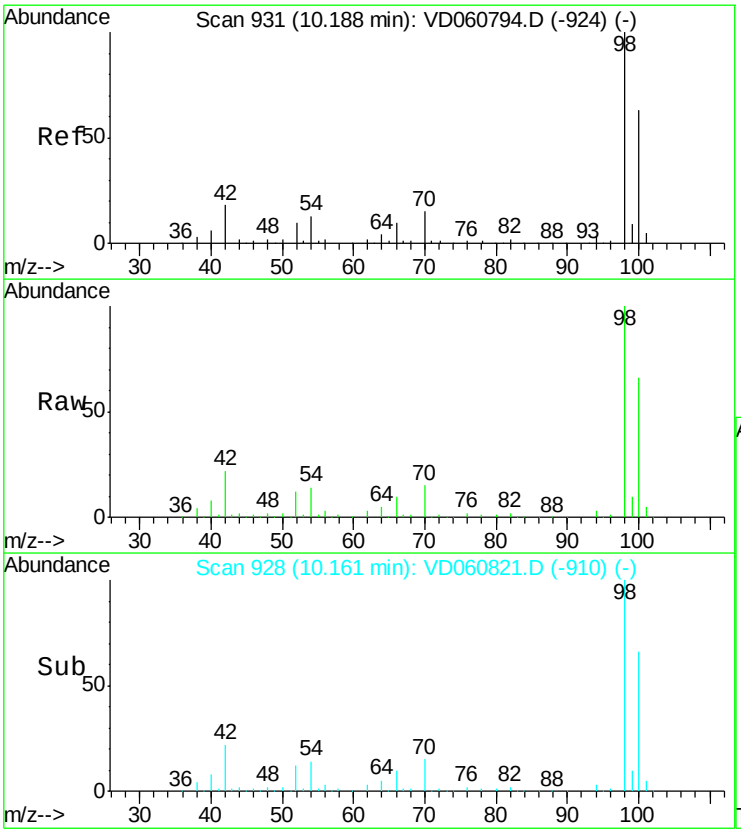

#49
1,4-Dioxane
Concen: 1171.063 ug/l
RT: 8.83 min Scan# 793
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion: 88 Resp: 22620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 48.8 | 40.9 | 61.3 |
| 58 | 57.6 | 52.2 | 78.4 |

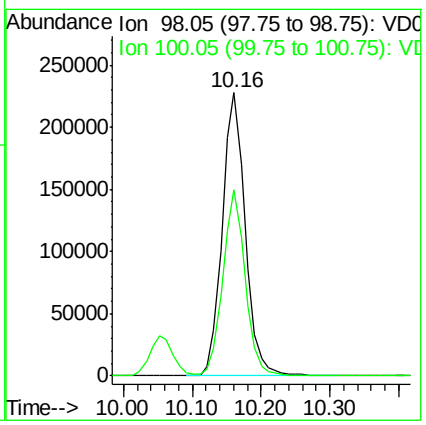


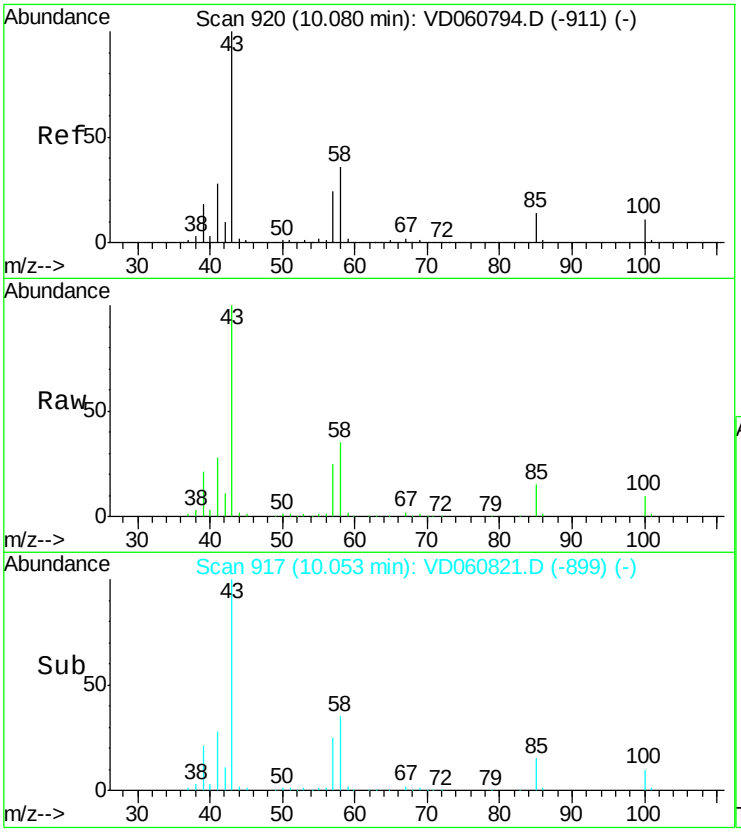




#50
Toluene-d8
Concen: 1171.063 ug/l
RT: 10.16 min Scan# 928
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 98 Resp: 523906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.9 | 51.0 | 76.6 |



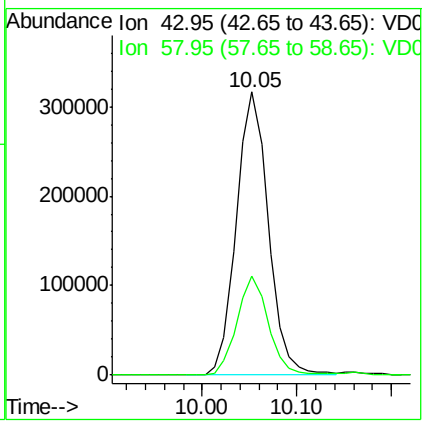


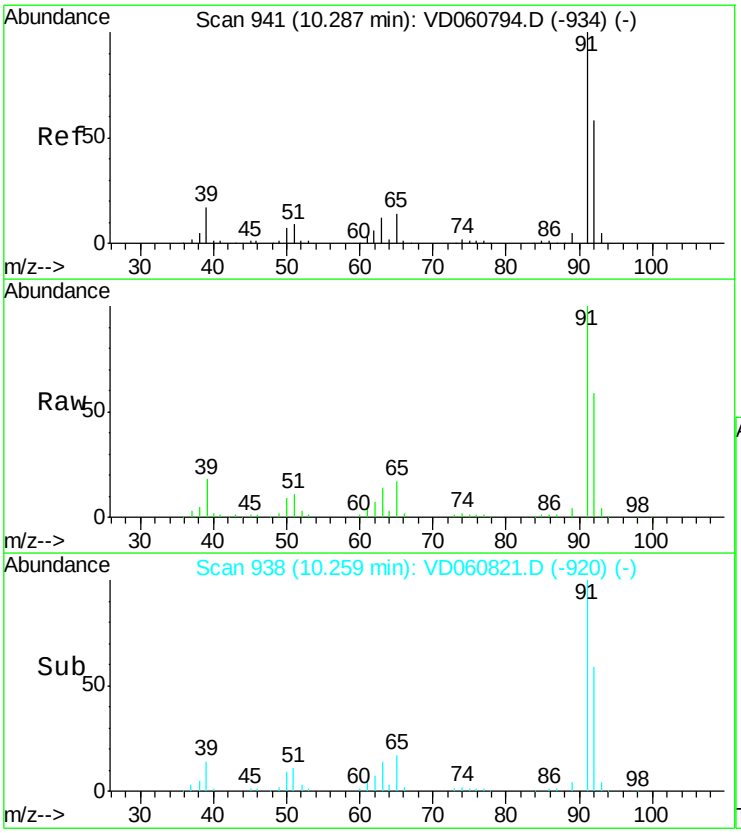

#51
4-Methyl-2-Pentanone
Concen: 357.170 ug/l
RT: 10.05 min Scan# 917
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 43 Resp: 743794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.2 | 28.4 | 42.6 |

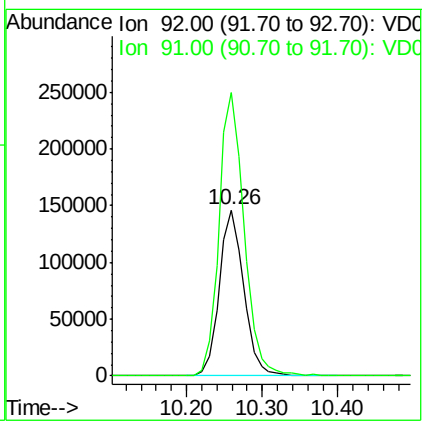


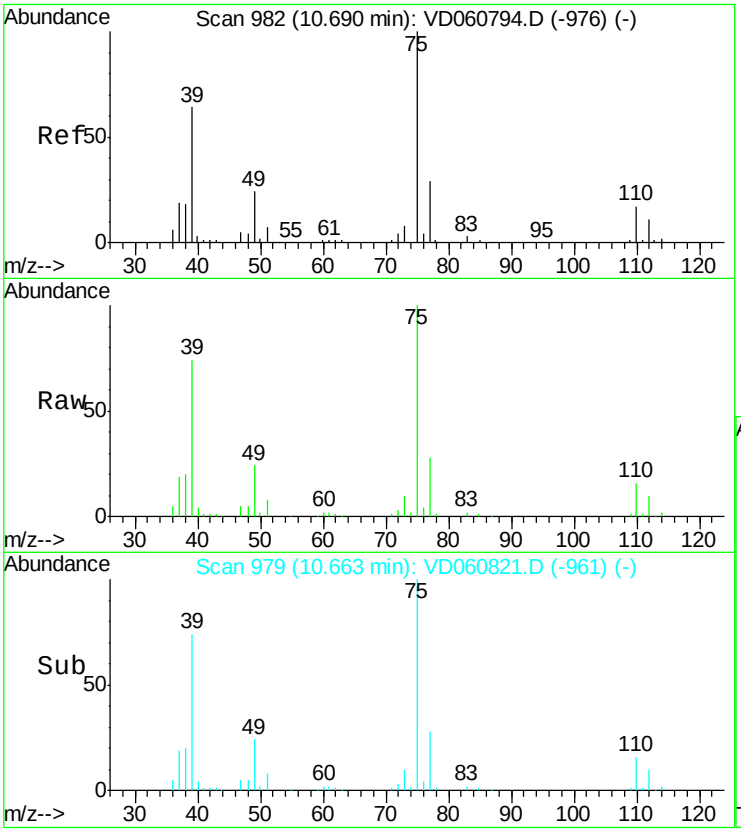




#52
Toluene
Concen: 47.491 ug/l
RT: 10.26 min Scan# 938
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 92 Resp: 328387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 170.3 | 137.7 | 206.5 |



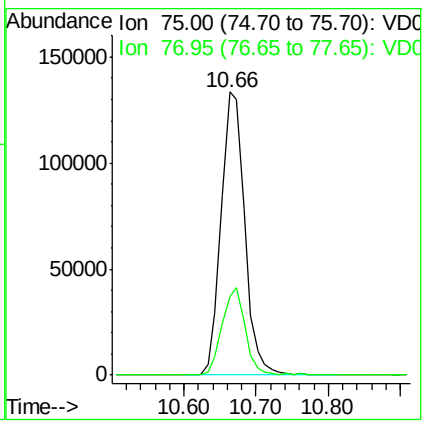


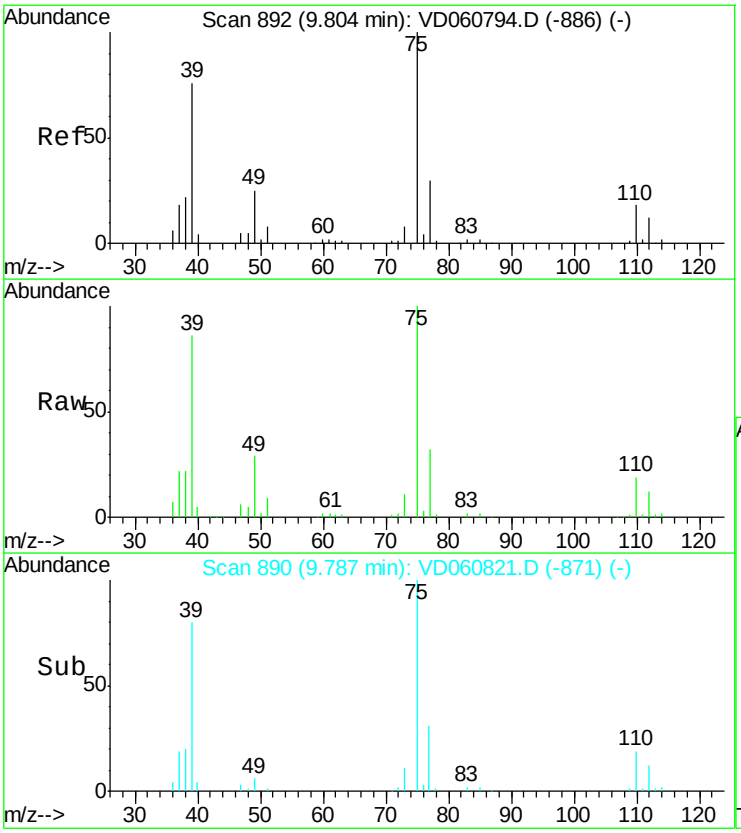

#53
t-1,3-Dichloropropene
Concen: 55.706 ug/l
RT: 10.66 min Scan# 979
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion: 75 Resp: 302978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 27.5 | 23.0 | 34.6 |

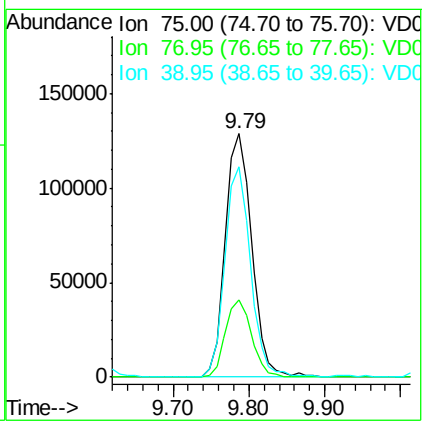


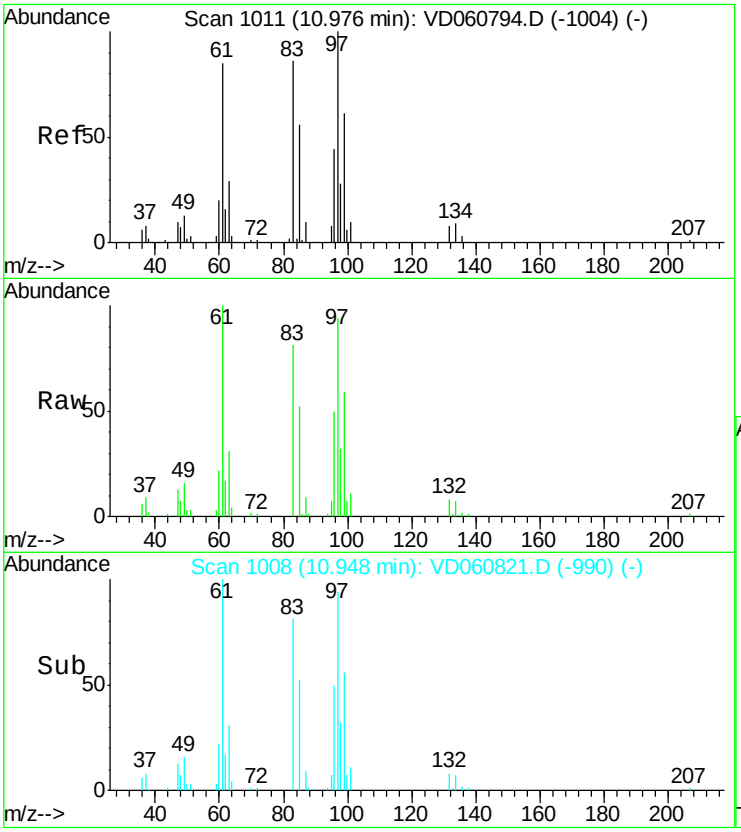




#54
cis-1,3-Dichloropropene
Concen: 55.934 ug/l
RT: 9.79 min Scan# 890
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 75 Resp: 311965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.9 | 23.9 | 35.9 |
| 39 | 86.2 | 60.4 | 90.6 |



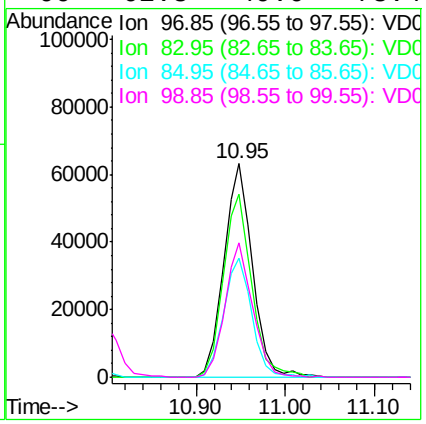


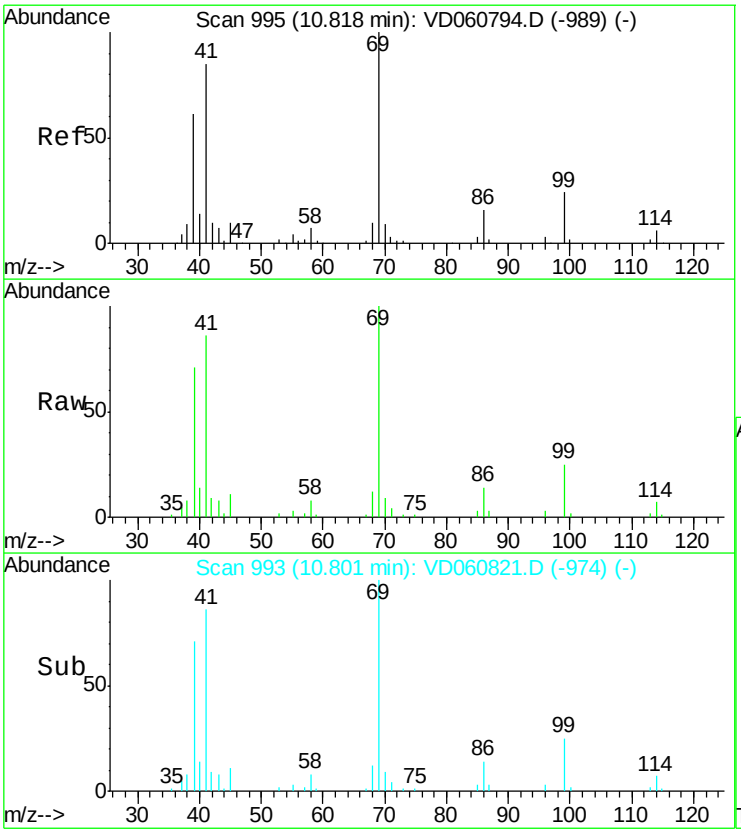

#55
1,1,2-Trichloroethane
Concen: 60.274 ug/l
RT: 10.95 min Scan# 1008
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 97 Resp: 142098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.8 | 68.5 | 102.7 |
| 85 | 55.5 | 45.0 | 67.6 |
| 99 | 62.8 | 49.0 | 73.4 |

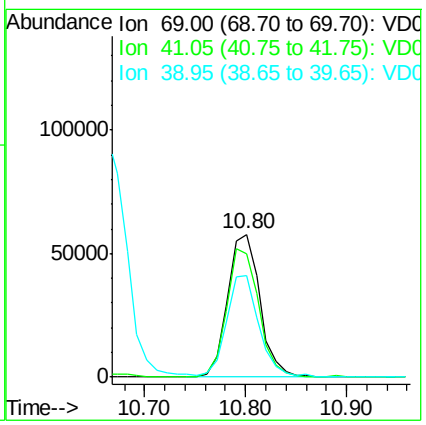


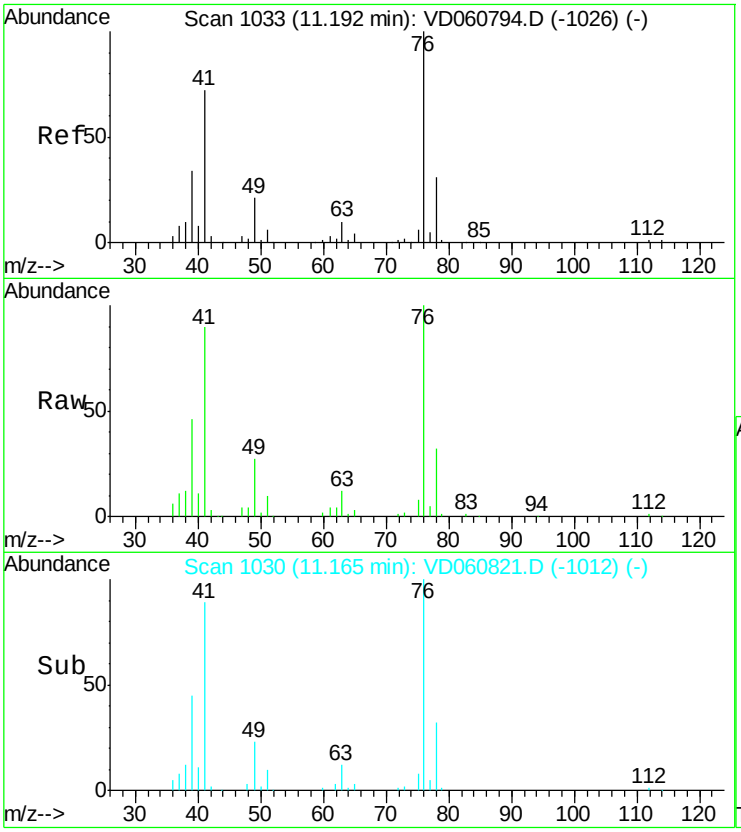




#56
Ethyl methacrylate
Concen: 45.034 ug/l
RT: 10.80 min Scan# 993
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 69 Resp: 128613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 86.4 | 68.2 | 102.2 |
| 39 | 71.2 | 49.4 | 74.0 |



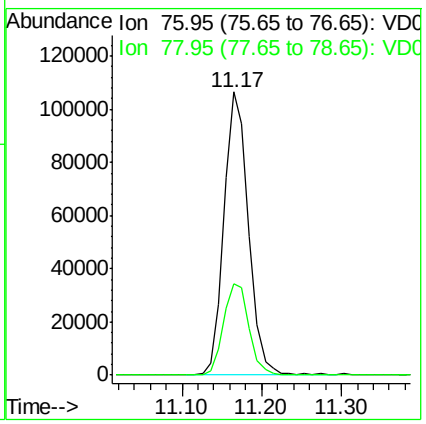


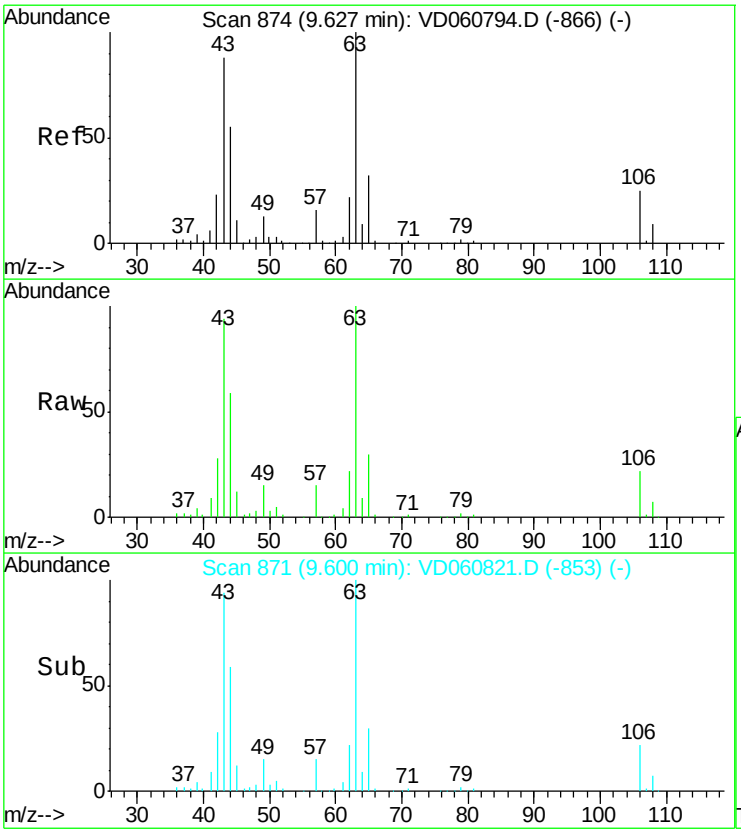

#57
1,3-Dichloropropane
Concen: 56.958 ug/l
RT: 11.17 min Scan# 1030
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 76 Resp: 229493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.1 | 24.5 | 36.7 |

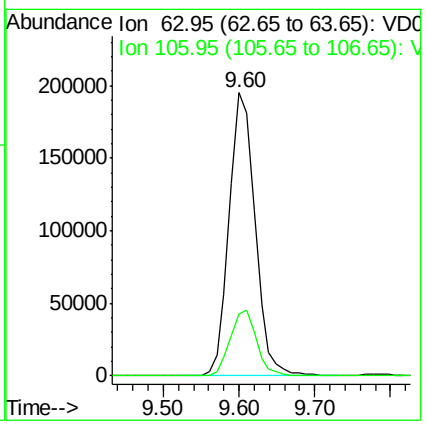


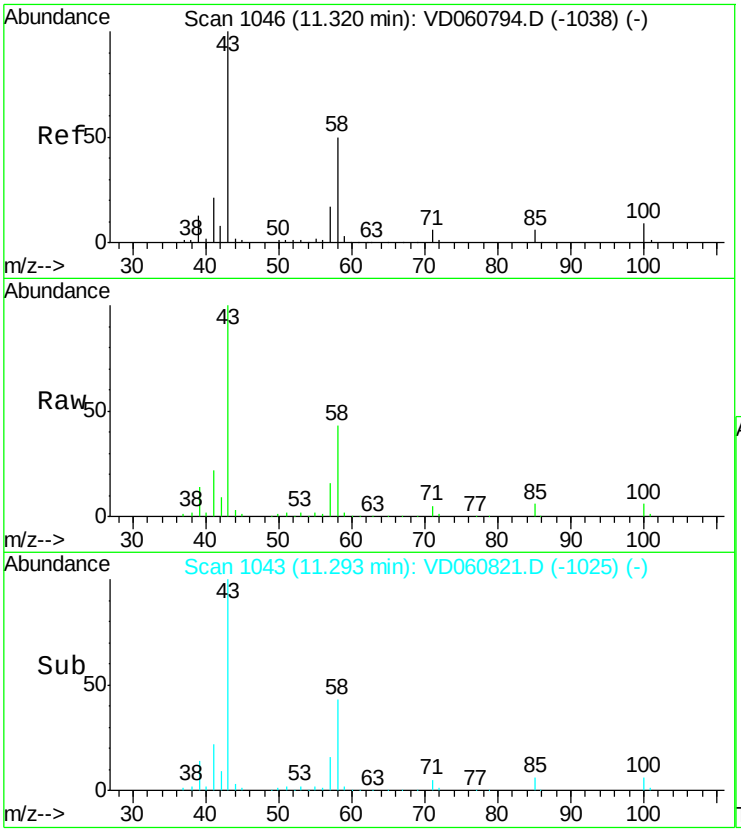




#58
2-Chloroethyl Vinyl ether
Concen: 307.852 ug/l
RT: 9.60 min Scan# 871
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 63 Resp: 461311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 22.0 | 19.9 | 29.9 |



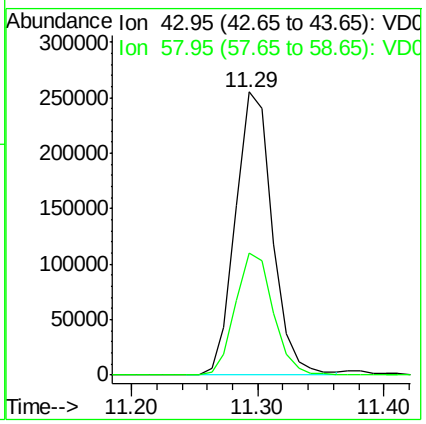


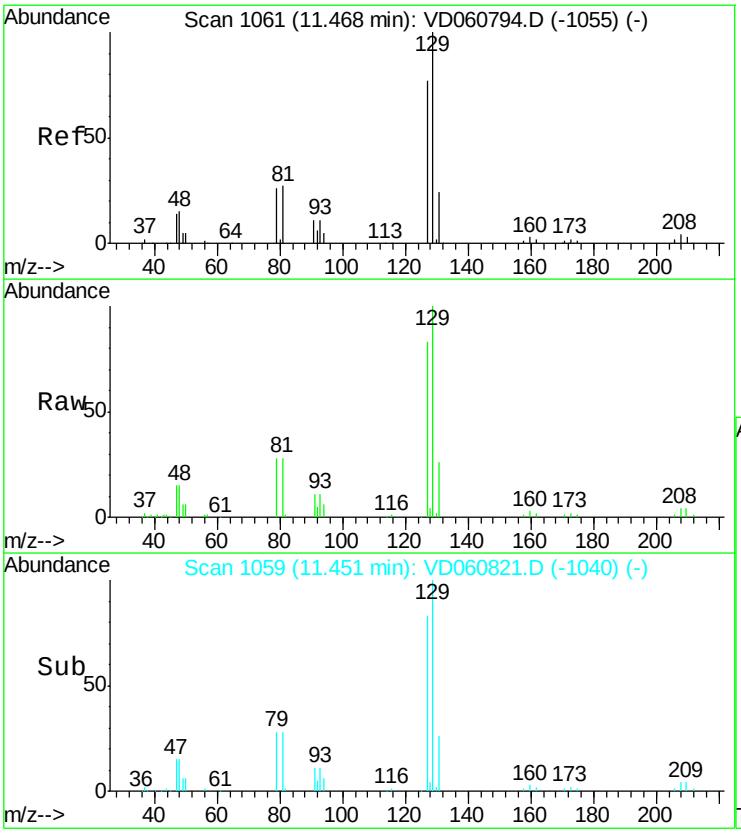

#59
2-Hexanone
Concen: 331.063 ug/l
RT: 11.29 min Scan# 1043
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 43 Resp: 518380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 43.4 | 25.0 | 75.0 |

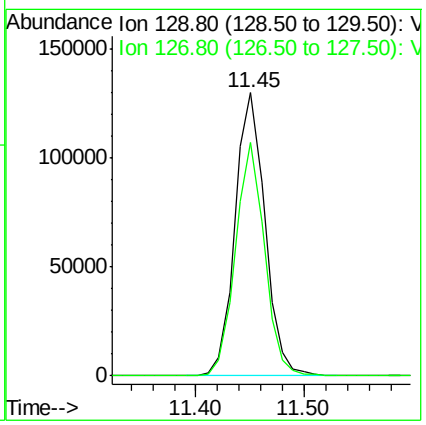


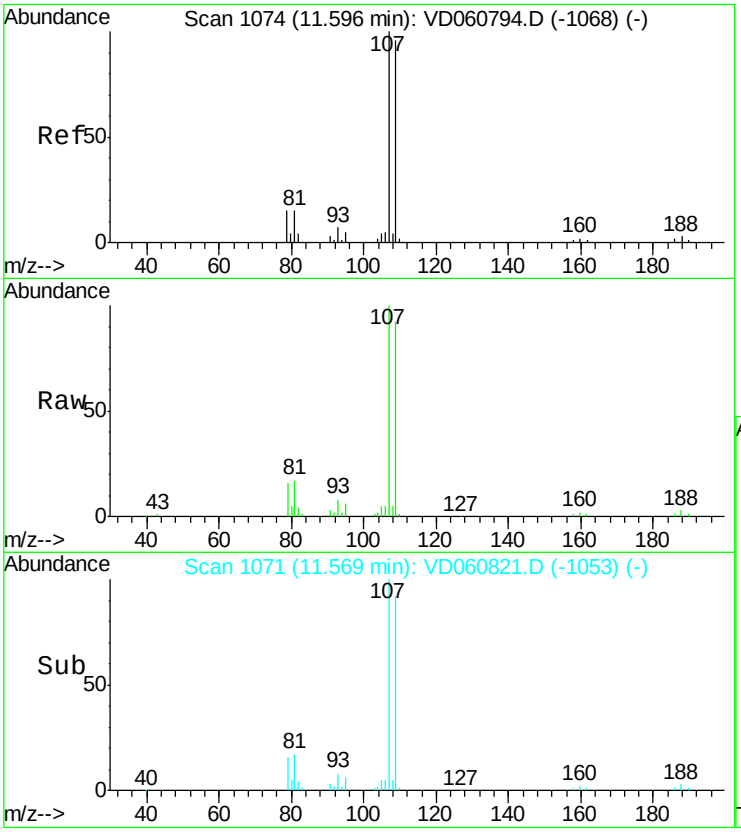




#60
Dibromochloromethane
Concen: 58.903 ug/l
RT: 11.45 min Scan# 1059
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion:129 Resp: 249652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 82.6 | 38.6 | 115.7 |



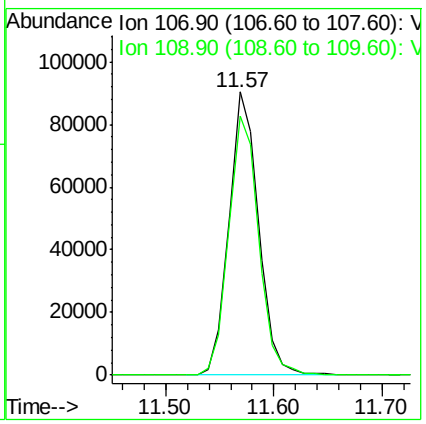


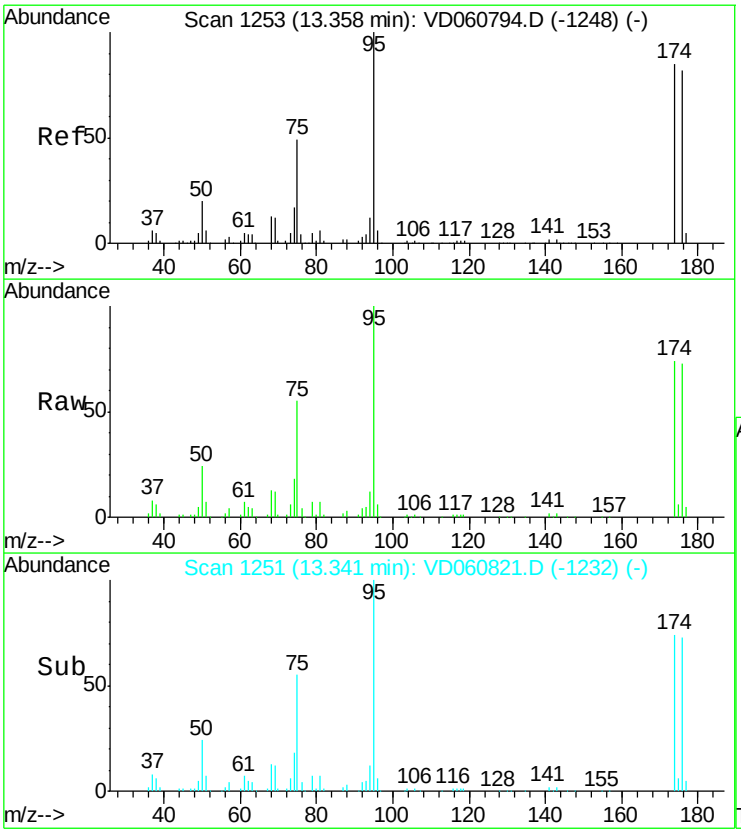

#61
1,2-Dibromoethane
Concen: 61.844 ug/l
RT: 11.57 min Scan# 1071
Delta R.T. -0.03 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion:107 Resp: 171709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 91.7 | 76.6 | 114.8 |

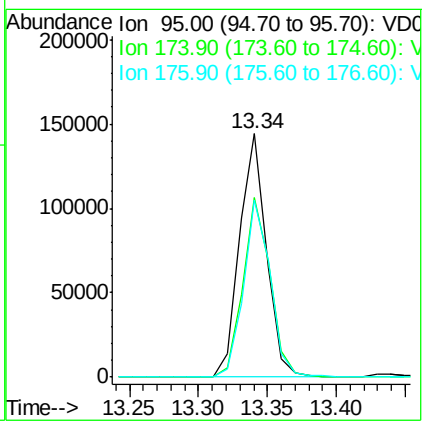


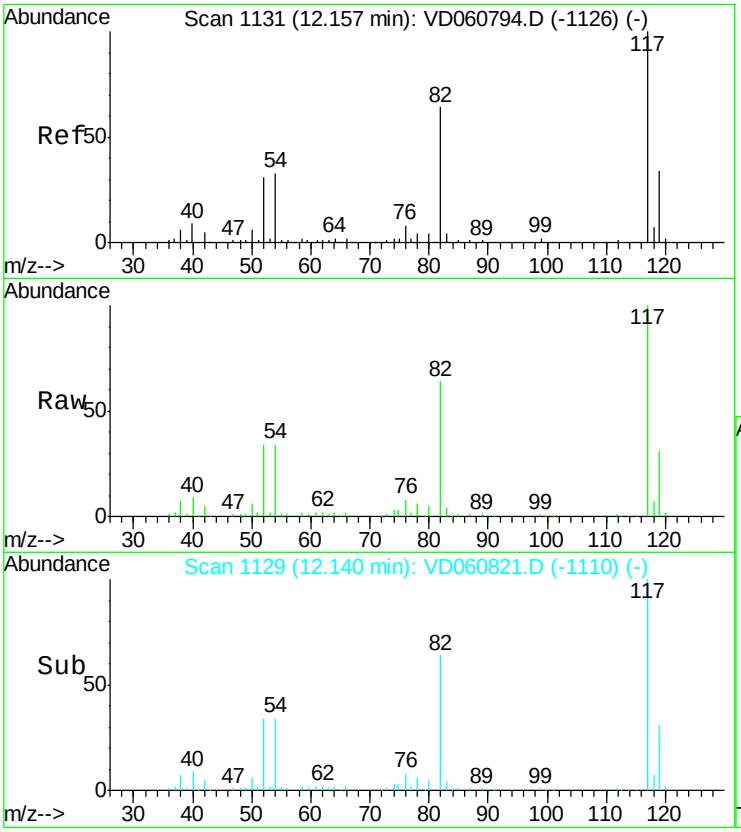




#62
4-Bromofluorobenzene
Concen: 61.844 ug/l
RT: 13.34 min Scan# 1251
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 95 Resp: 196420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 73.6 | 0.0 | 169.6 |
| 176 | 72.5 | 0.0 | 163.8 |



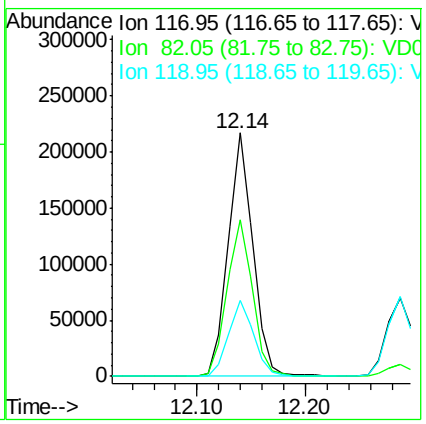


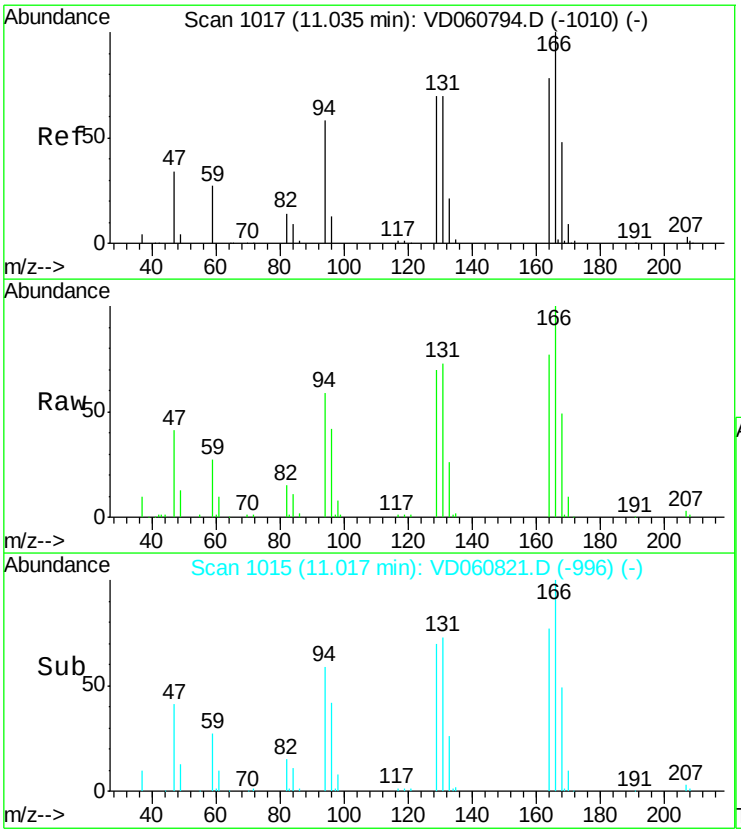

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.14 min Scan# 1129
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion:117 Resp: 347149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 64.1 | 51.5 | 77.3 |
| 119 | 31.1 | 27.1 | 40.7 |

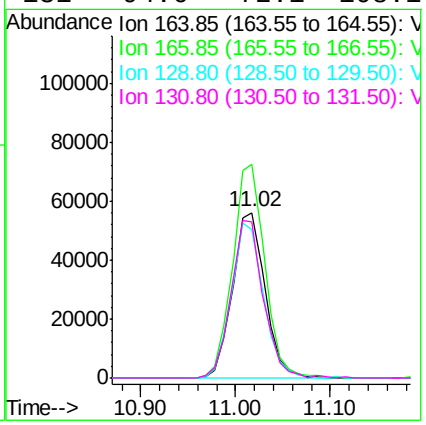


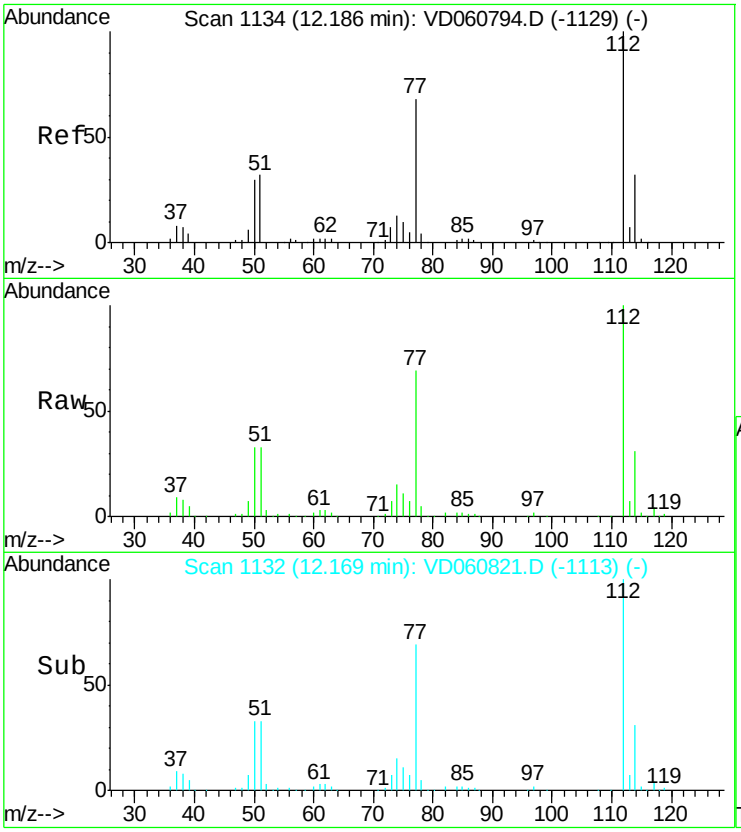




#64
Tetrachloroethene
Concen: 41.722 ug/l
RT: 11.02 min Scan# 1015
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion:164 Resp: 132925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 129.3 | 102.6 | 154.0 |
| 129 | 89.9 | 72.3 | 108.5 |
| 131 | 94.6 | 72.1 | 108.1 |



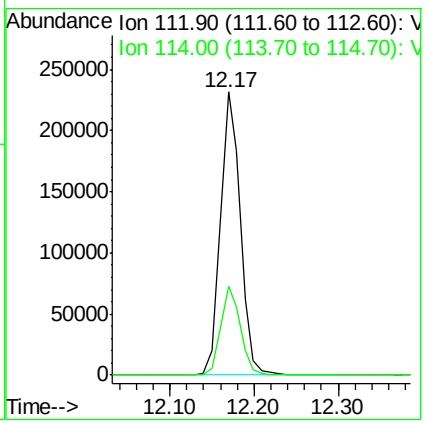


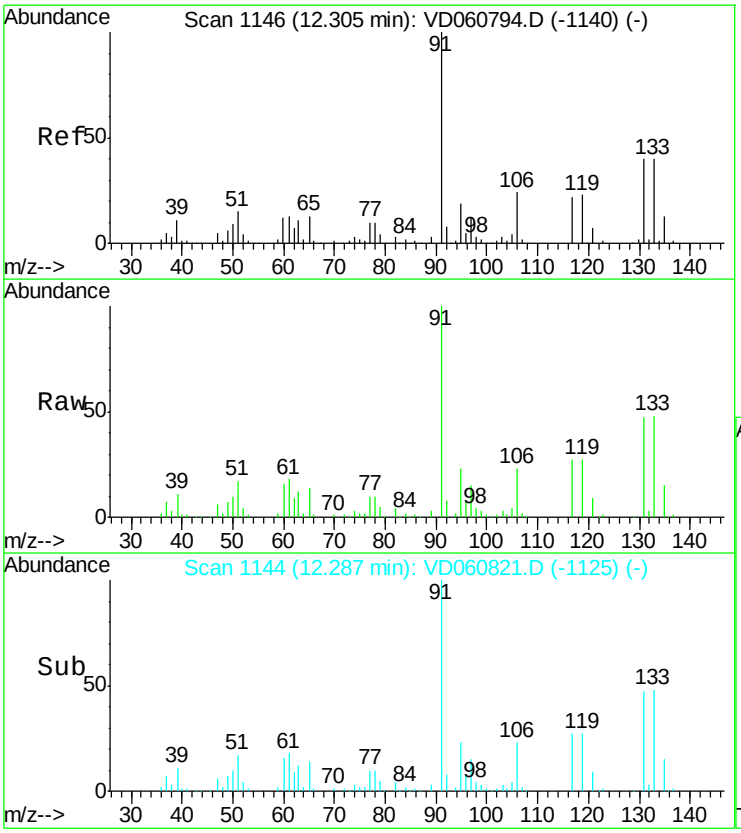

#65
Chlorobenzene
Concen: 47.641 ug/l
RT: 12.17 min Scan# 1132
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion:112 Resp: 377946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.3 | 25.2 | 37.8 |

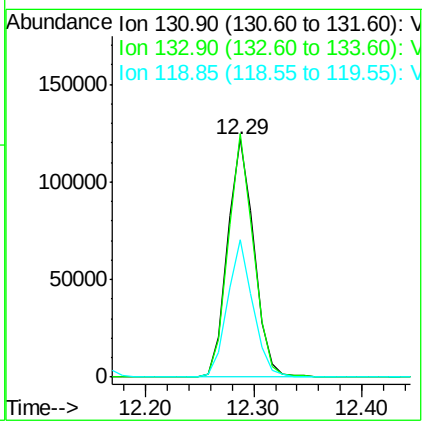


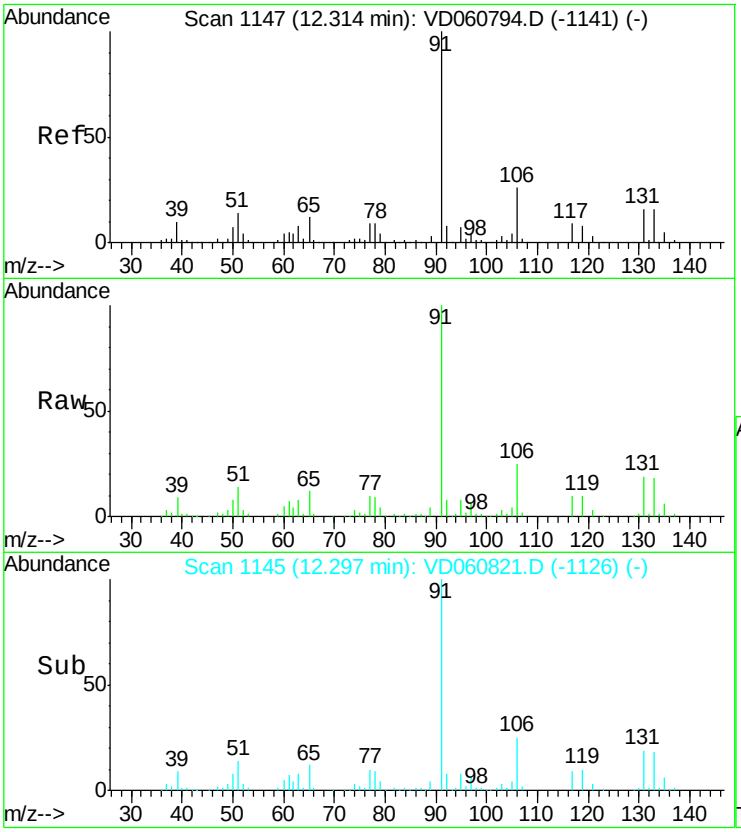




#66
1,1,1,2-Tetrachloroethane
Concen: 60.701 ug/l
RT: 12.29 min Scan# 1144
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion:131 Resp: 206889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 102.2 | 49.9 | 149.7 |
| 119 | 57.8 | 28.5 | 85.5 |



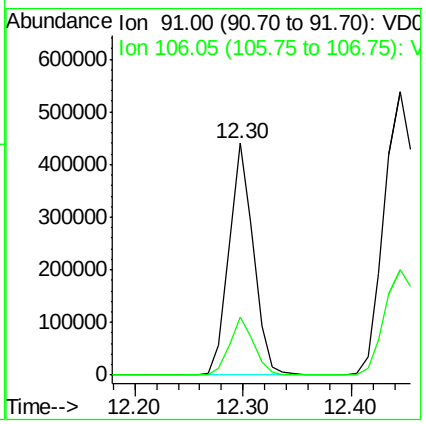


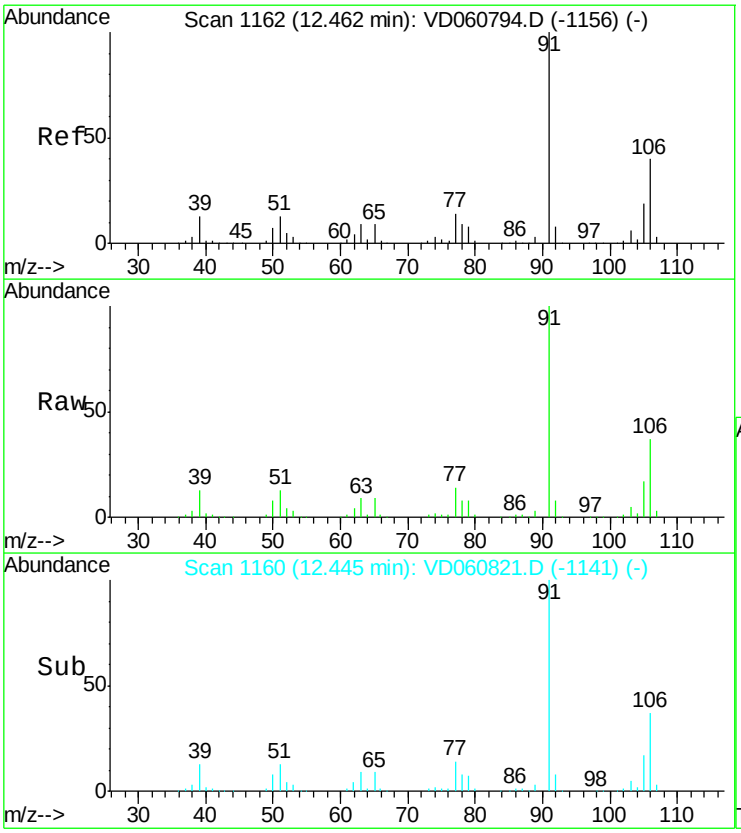

#67
Ethyl Benzene
Concen: 48.551 ug/l
RT: 12.30 min Scan# 1145
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 91 Resp: 692600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 25.0 | 21.0 | 31.6 |

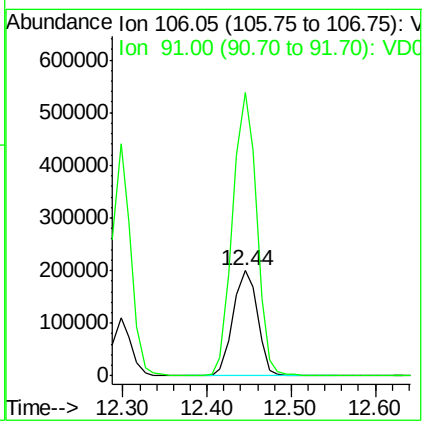


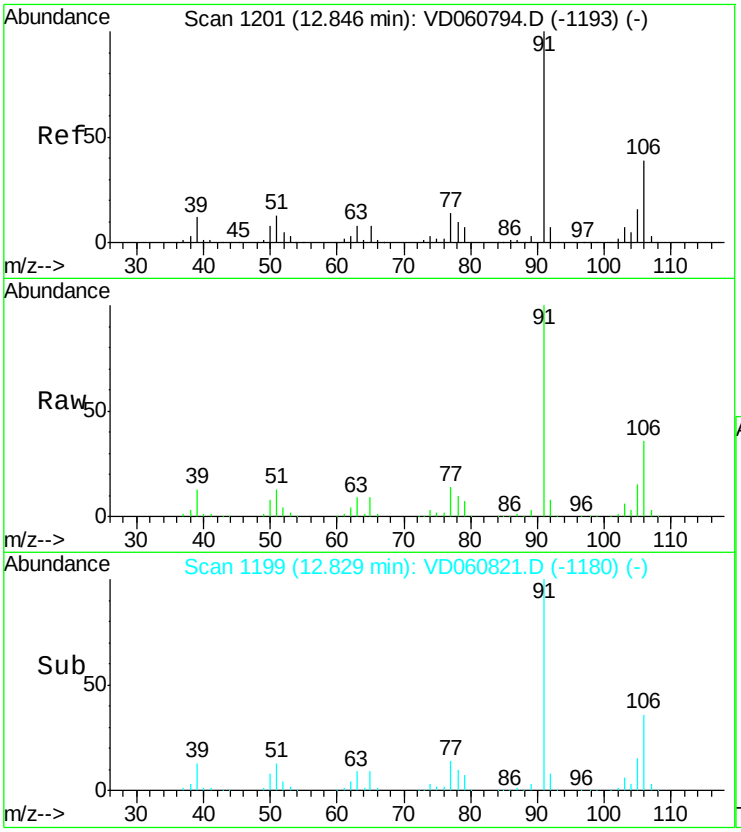




#68
m/p-Xylenes
Concen: 87.481 ug/l
RT: 12.44 min Scan# 1160
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion:106 Resp: 406009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 268.9 | 200.5 | 300.7 |



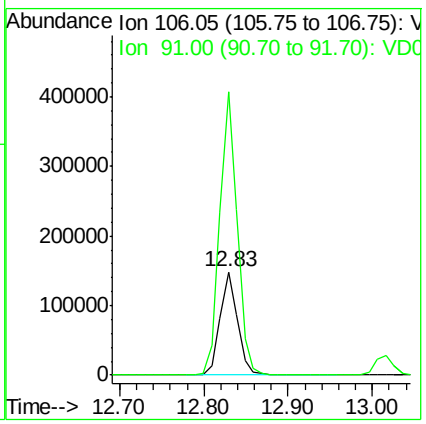


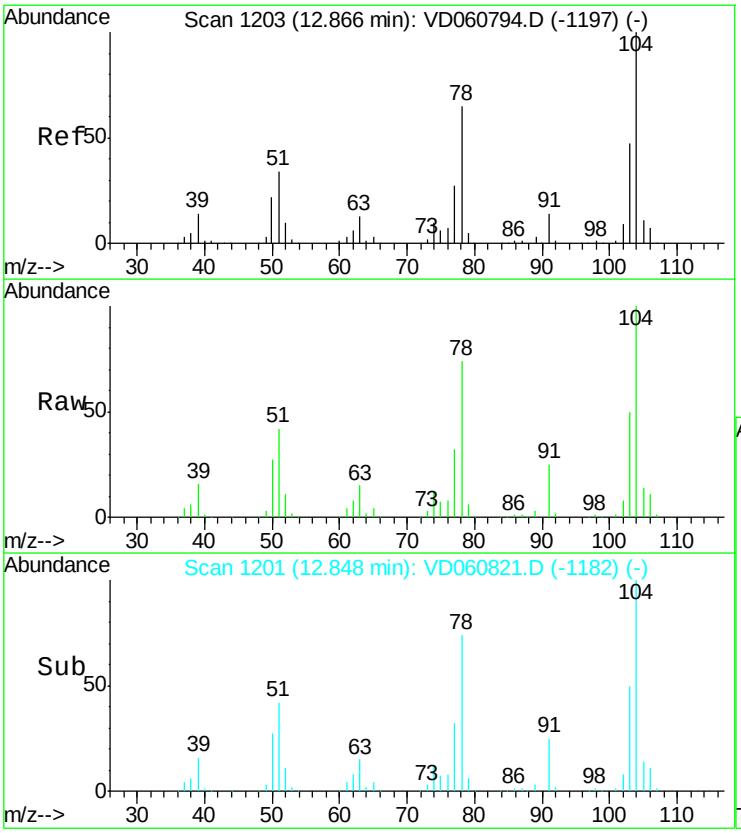

#69
o-Xylene
Concen: 46.502 ug/l
RT: 12.83 min Scan# 1199
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion:106 Resp: 213606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 274.7 | 127.6 | 382.7 |

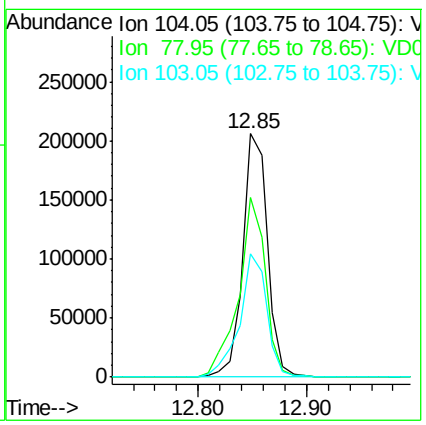


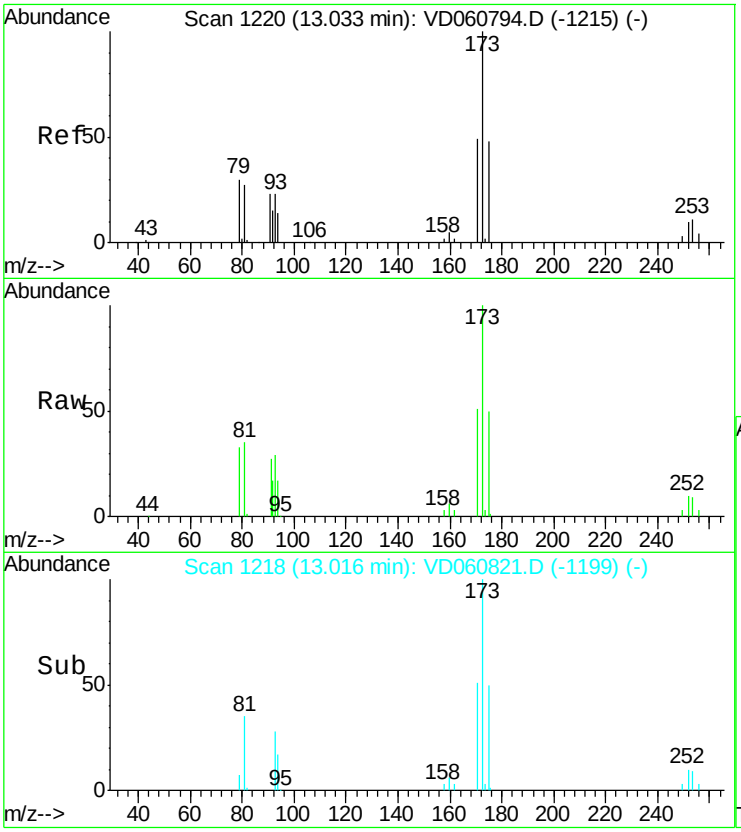




#70
Styrene
Concen: 42.135 ug/l
RT: 12.85 min Scan# 1201
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion:104 Resp: 324562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 73.9 | 52.0 | 78.0 |
| 103 | 50.4 | 37.7 | 56.5 |



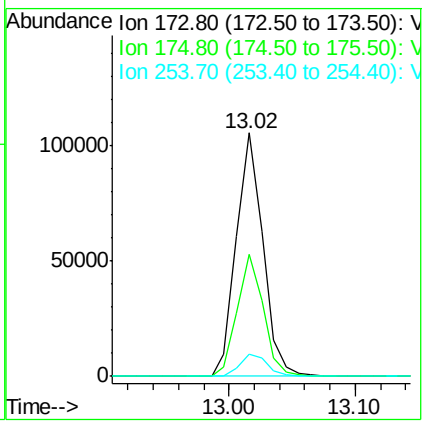


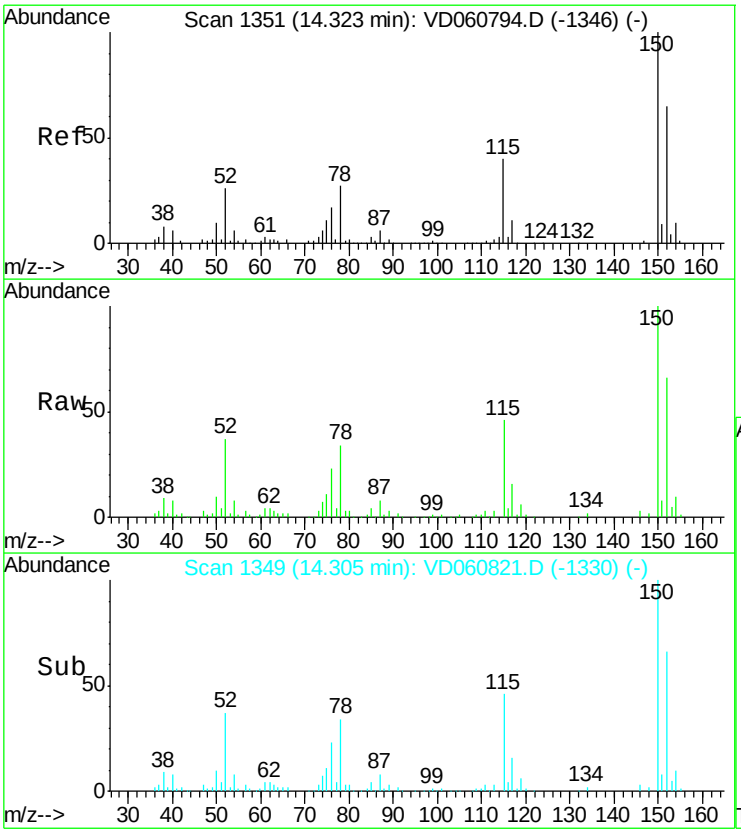

#71
Bromoform
Concen: 59.866 ug/l
RT: 13.02 min Scan# 1218
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion:173 Resp: 153732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 50.2 | 24.1 | 72.4 |
| 254 | 9.3 | 9.1 | 13.7 |

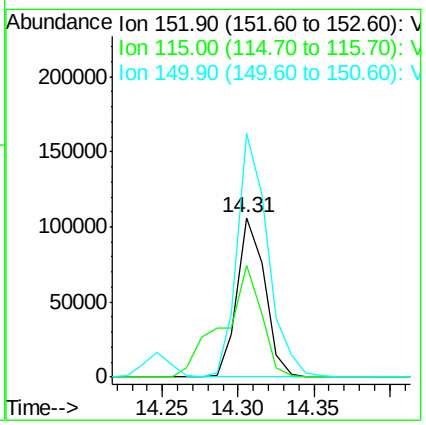


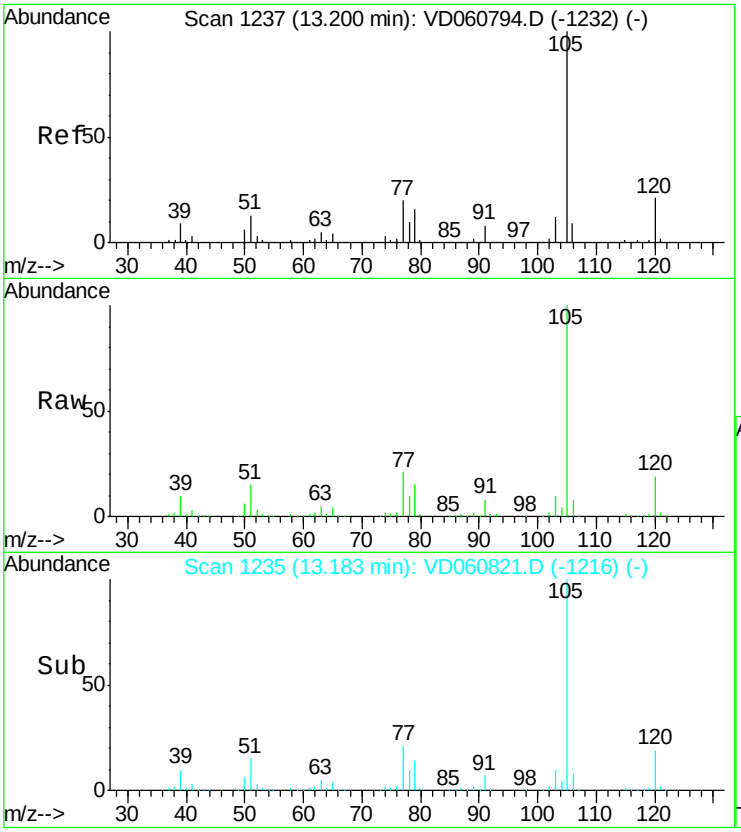




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.31 min Scan# 1349
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion:152 Resp: 135243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 70.0 | 31.6 | 95.0 |
| 150 | 152.5 | 0.0 | 317.6 |



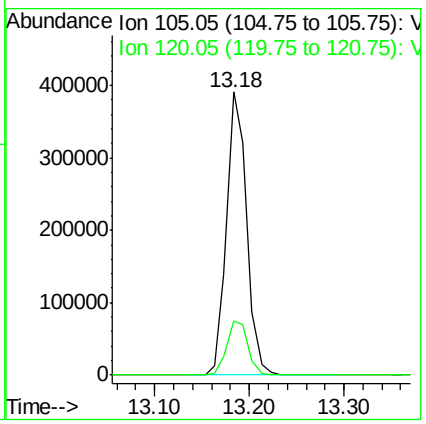


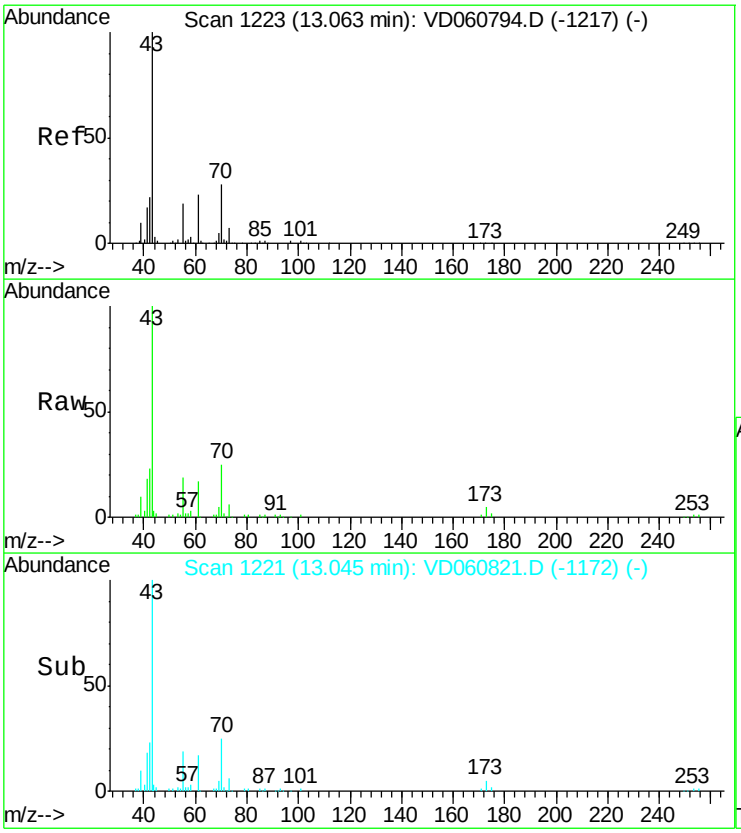

#73
Isopropylbenzene
Concen: 53.328 ug/l
RT: 13.18 min Scan# 1235
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion:105 Resp: 575035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 19.3 | 10.7 | 32.1 |

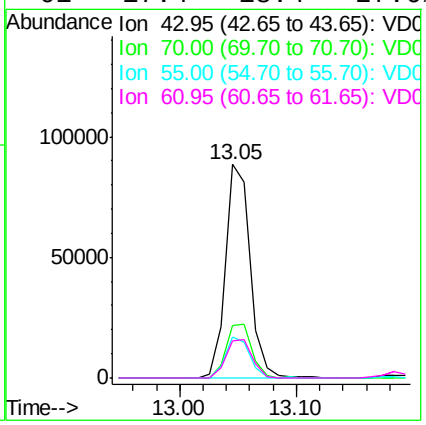


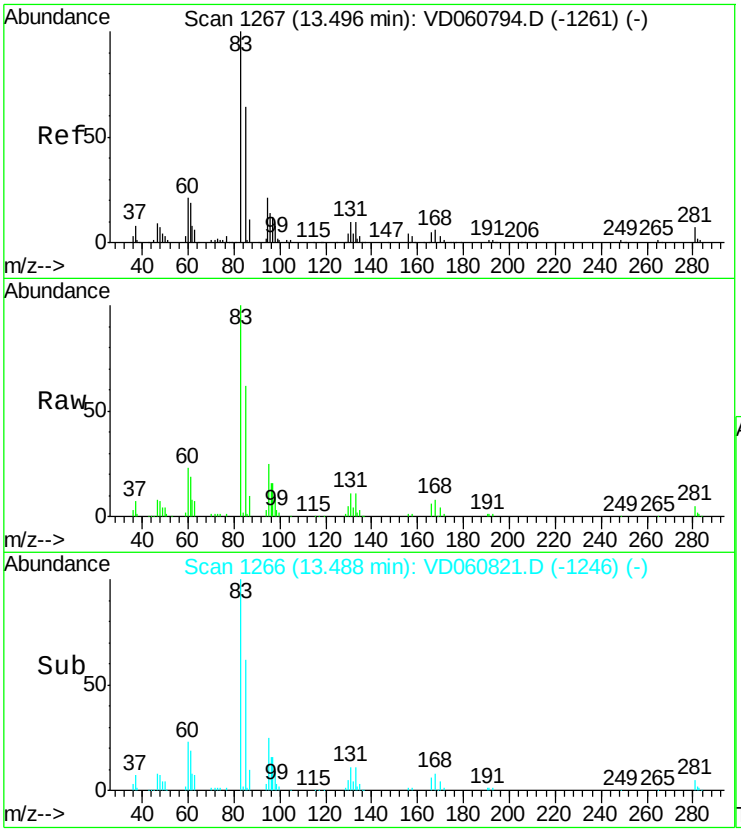




#74
N-amyl acetate
Concen: 39.113 ug/l
RT: 13.05 min Scan# 1221
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 43 Resp: 129658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 24.8 | 22.2 | 33.4 |
| 55 | 19.0 | 15.5 | 23.3 |
| 61 | 17.4 | 18.4 | 27.6# |



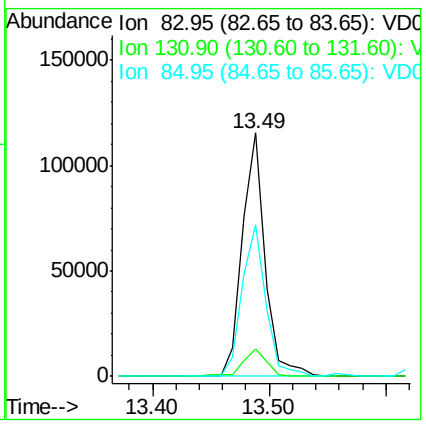


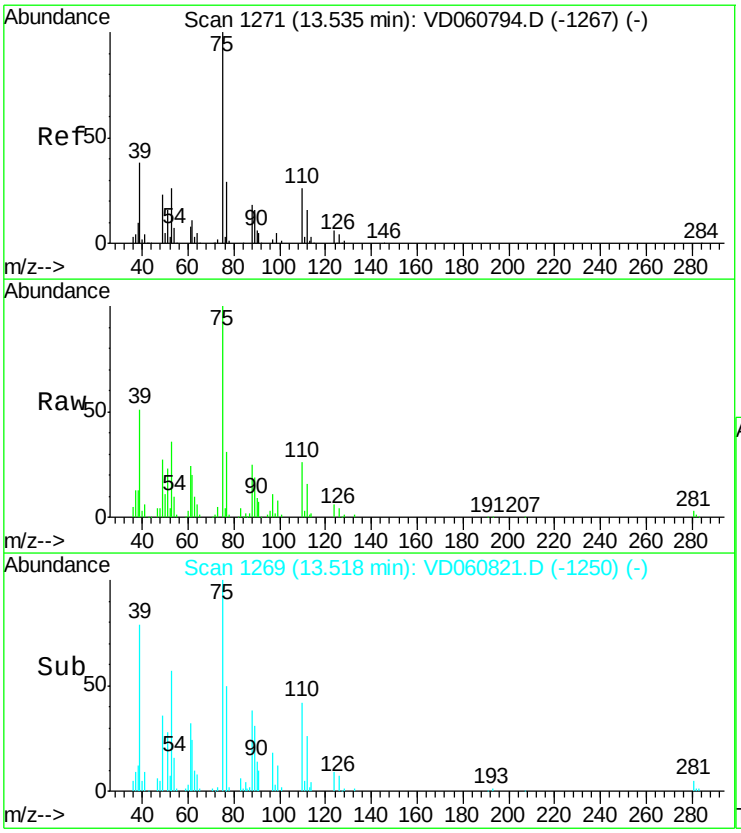

#75
1,1,2,2-Tetrachloroethane
Concen: 79.509 ug/l
RT: 13.49 min Scan# 1266
Delta R.T. -0.01 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion: 83 Resp: 156106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.2 | 5.0 | 15.0 |
| 85 | 62.4 | 31.8 | 95.4 |

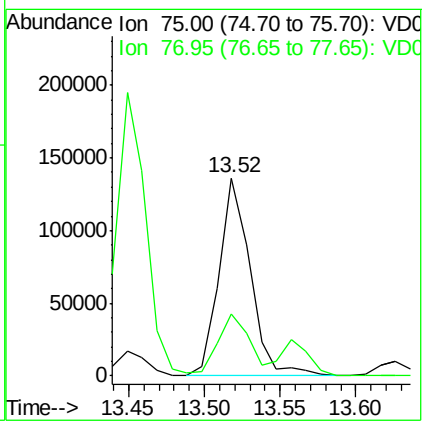


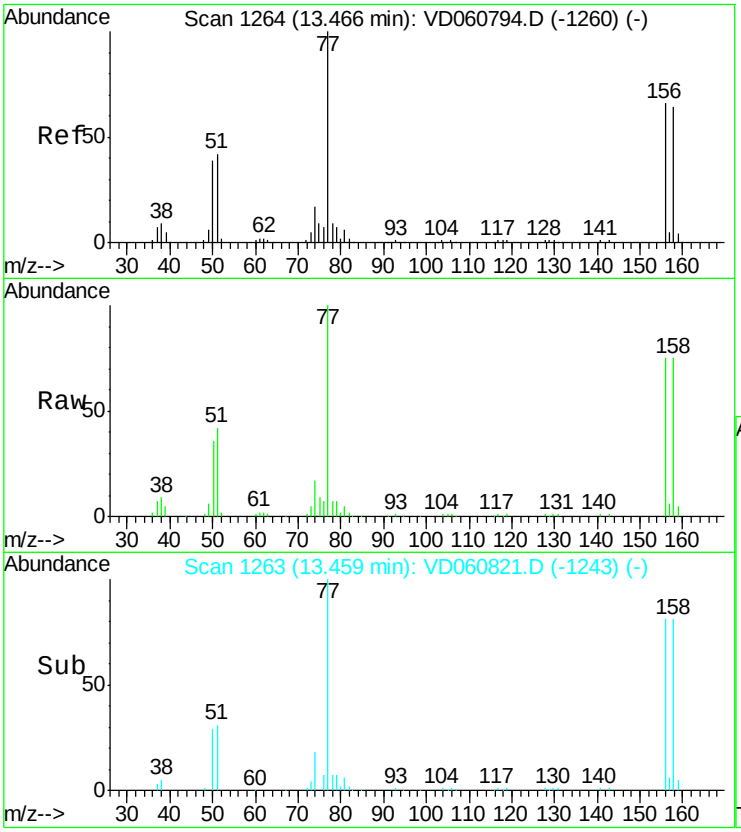




#76
1,2,3-Trichloropropane
Concen: 79.028 ug/l
RT: 13.52 min Scan# 1269
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 75 Resp: 195992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.1 | 15.9 | 47.7 |



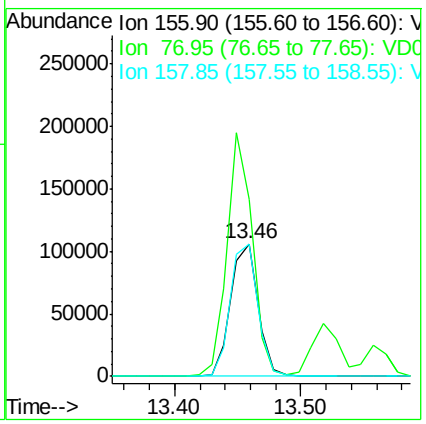


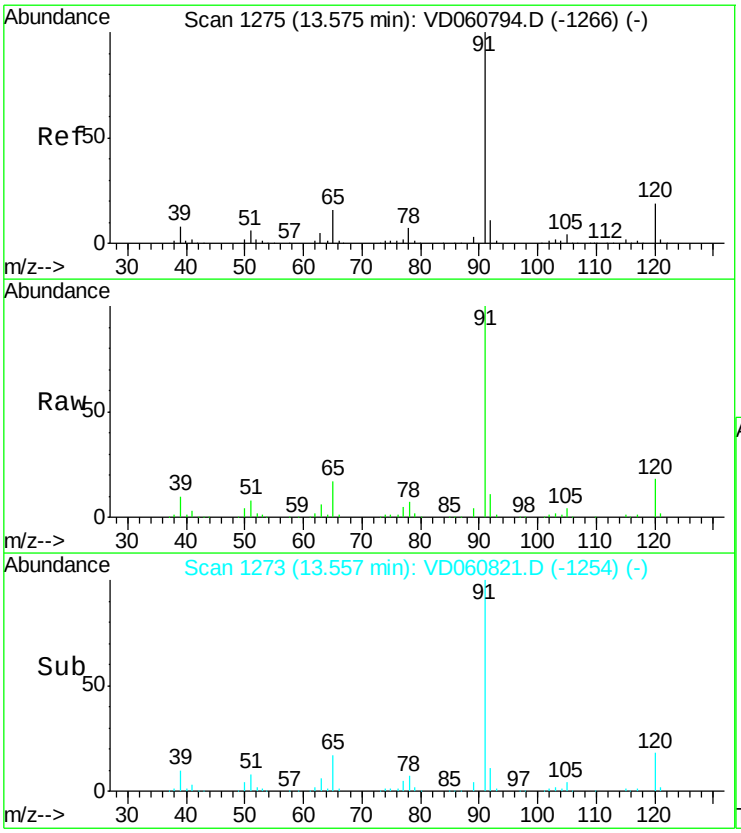

#77
Bromobenzene
Concen: 57.289 ug/l
RT: 13.46 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion:156 Resp: 158798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 133.6 | 76.0 | 228.0 |
| 158 | 99.9 | 48.4 | 145.0 |

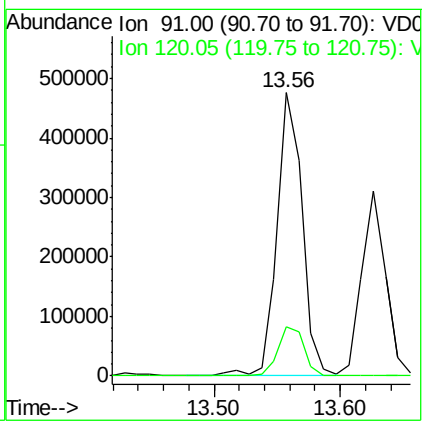


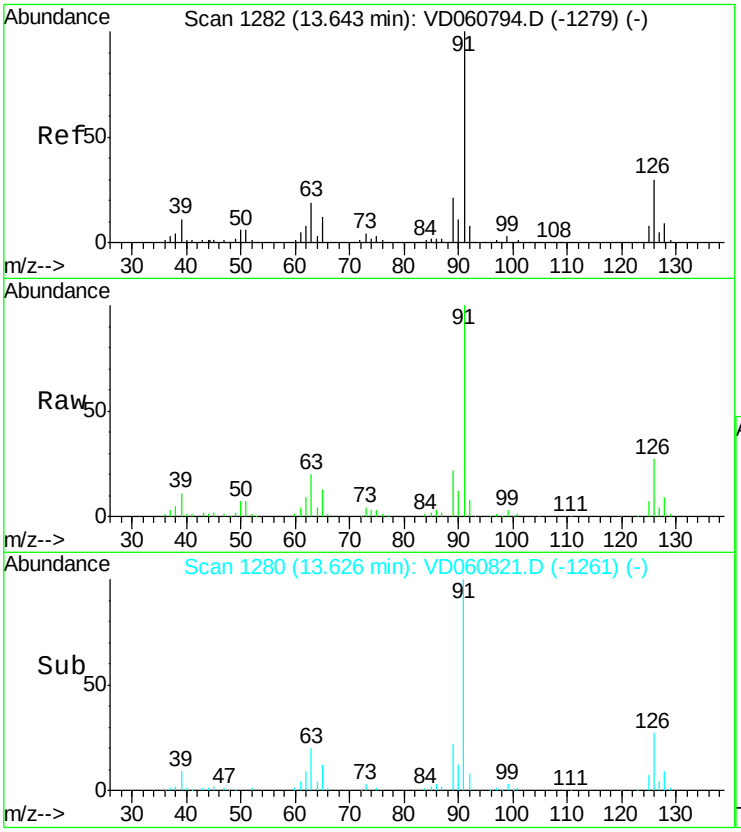




#78
n-propylbenzene
Concen: 48.855 ug/l
RT: 13.56 min Scan# 1273
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 91 Resp: 661324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 17.5 | 9.7 | 28.9 |



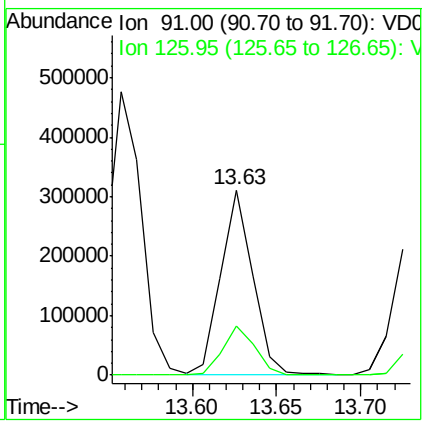


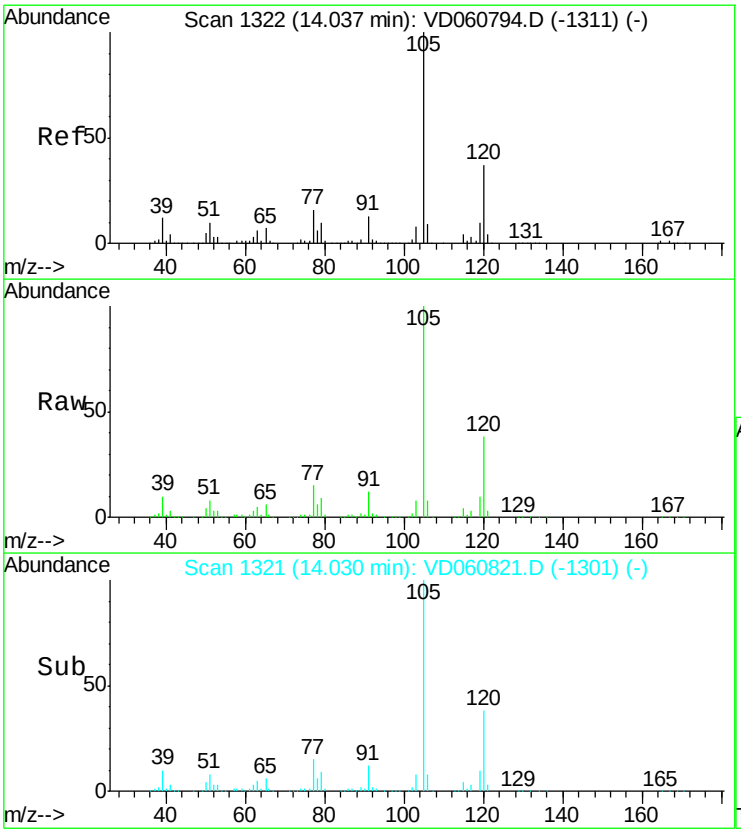

#79
2-Chlorotoluene
Concen: 49.866 ug/l
RT: 13.63 min Scan# 1280
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion: 91 Resp: 411717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 26.8 | 14.7 | 44.1 |

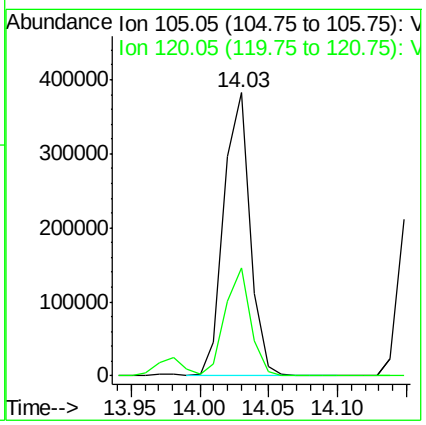


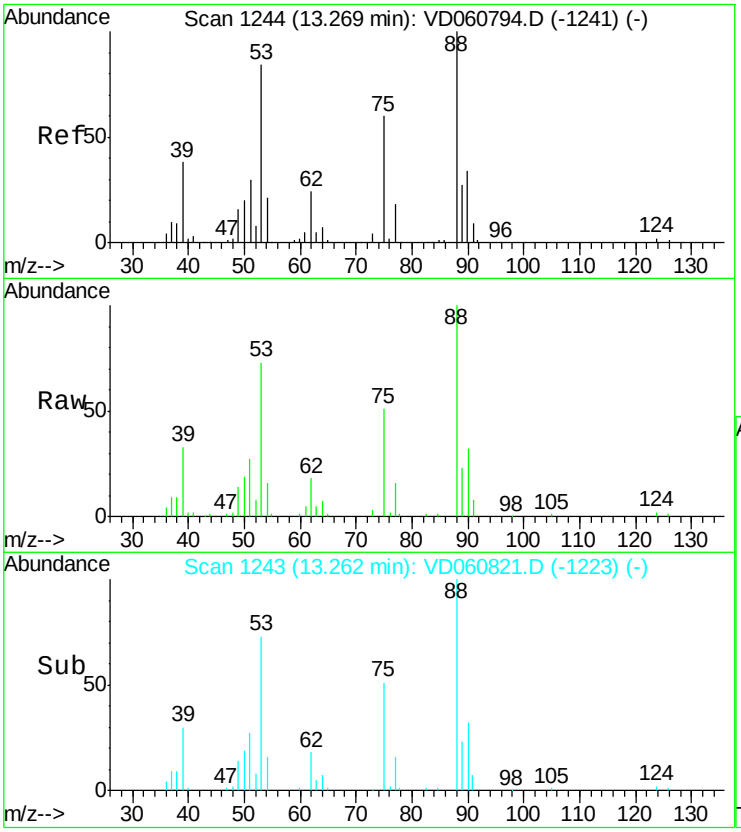




#80
1,3,5-Trimethylbenzene
Concen: 54.384 ug/l
RT: 14.03 min Scan# 1321
Delta R.T. -0.01 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion:105 Resp: 504841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 38.0 | 18.4 | 55.2 |



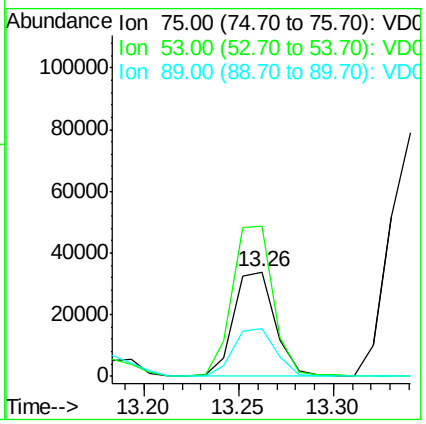


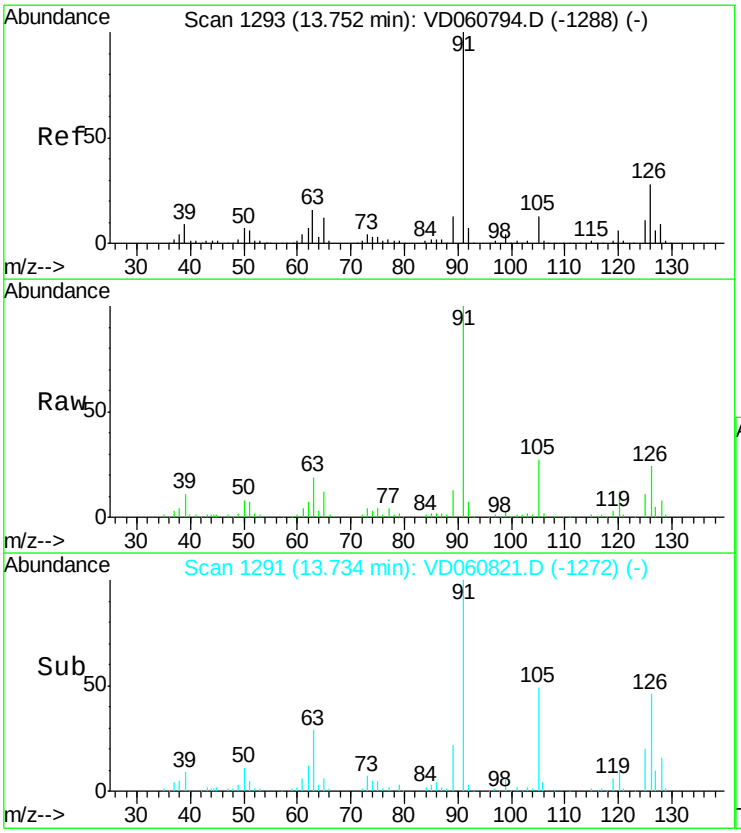

#81
trans-1,4-Dichloro-2-butene
Concen: 79.169 ug/l
RT: 13.26 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion: 75 Resp: 51188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 143.6 | 111.6 | 167.4 |
| 89 | 45.8 | 35.9 | 53.9 |

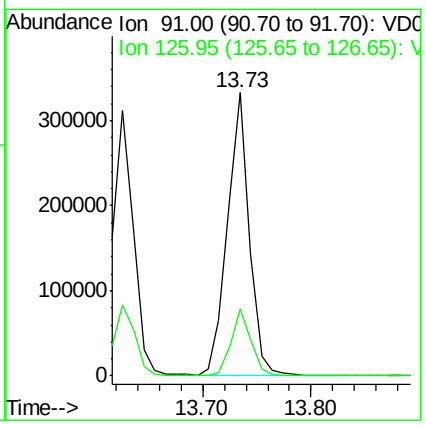


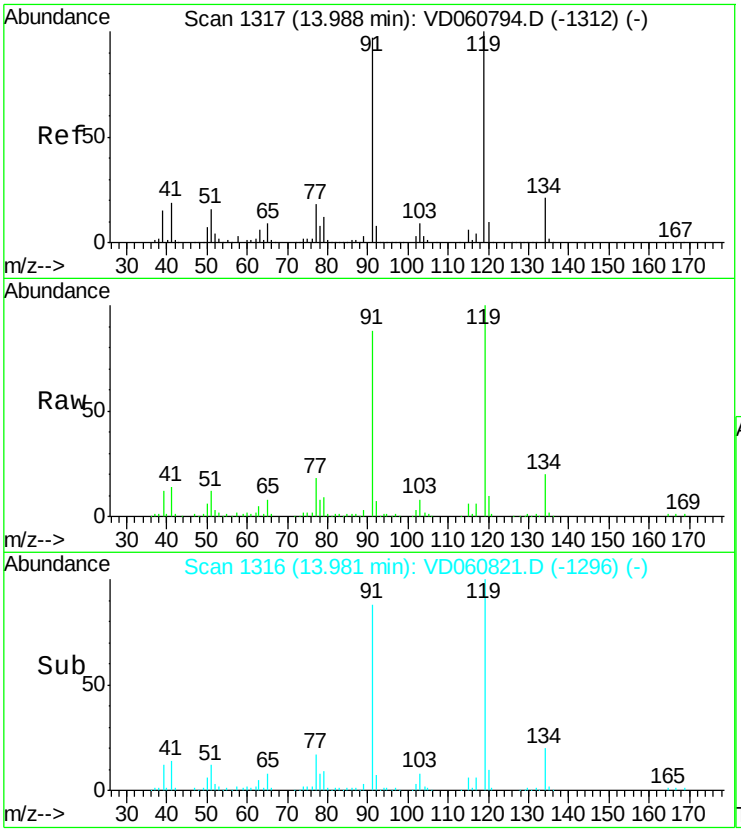




#82
4-Chlorotoluene
Concen: 51.147 ug/l
RT: 13.73 min Scan# 1291
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 91 Resp: 469336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 23.9 | 13.9 | 41.7 |



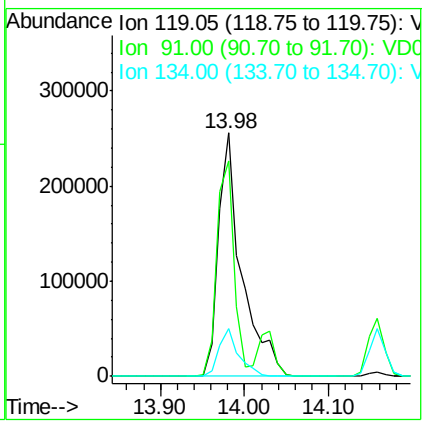


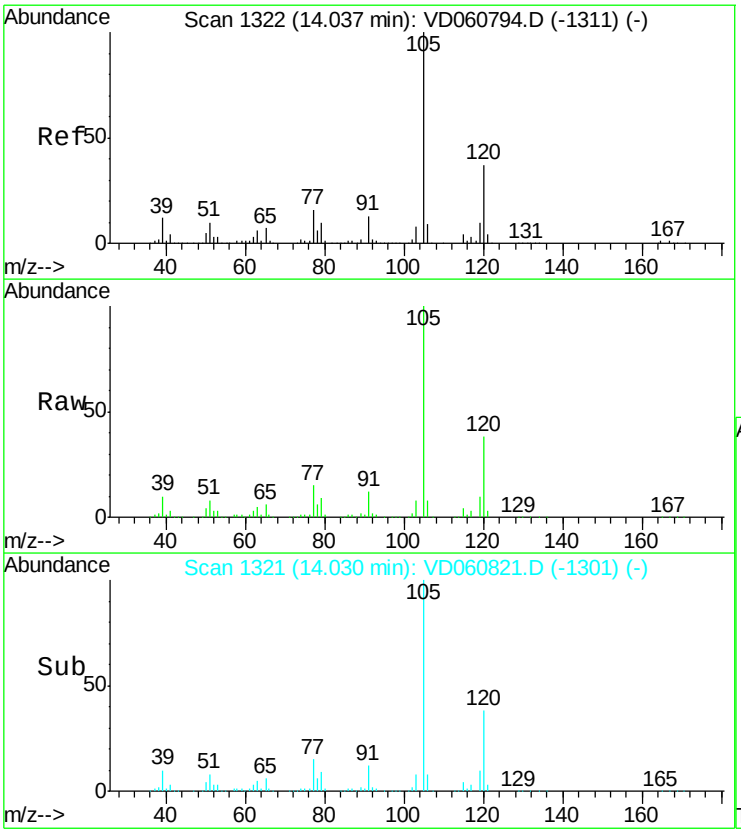

#83
tert-Butylbenzene
Concen: 50.591 ug/l
RT: 13.98 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion:119 Resp: 491346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 88.5 | 48.5 | 145.5 |
| 134 | 19.8 | 10.3 | 30.8 |

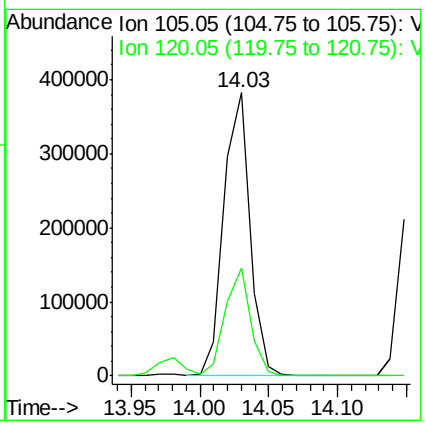


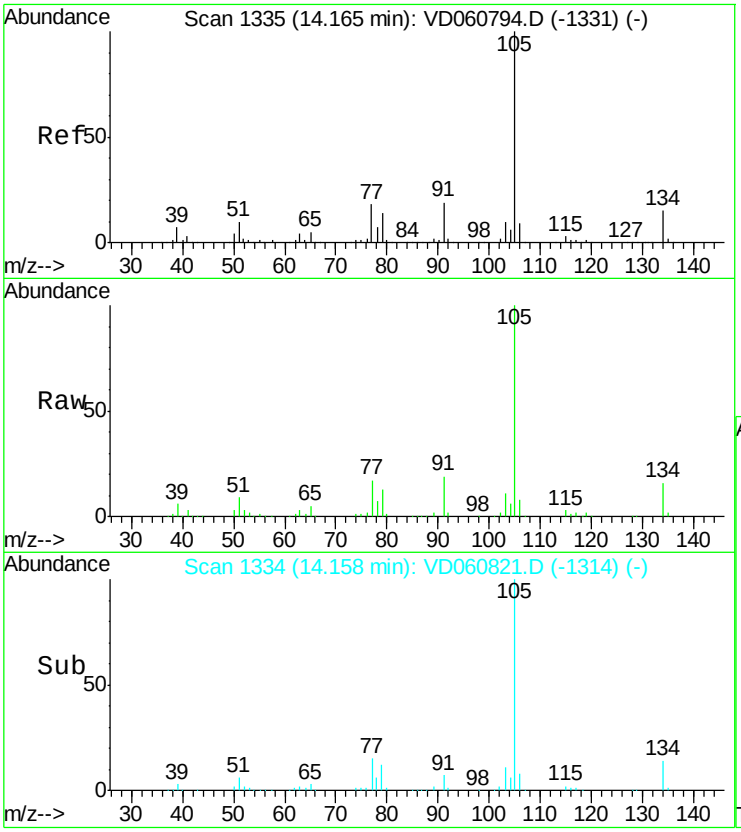




#84
1,2,4-Trimethylbenzene
Concen: 54.384 ug/l
RT: 14.03 min Scan# 1321
Delta R.T. -0.01 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion:105 Resp: 504841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 38.0 | 18.4 | 55.2 |



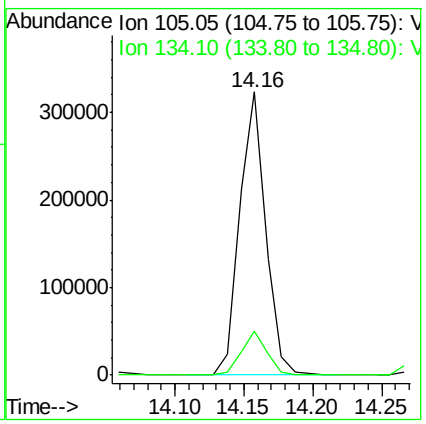


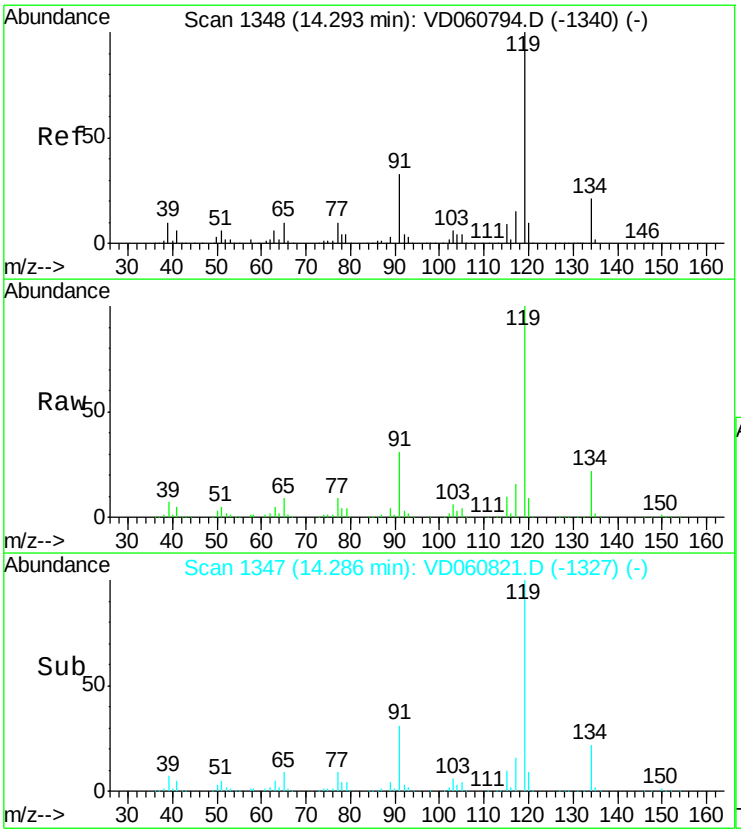

#85
sec-Butylbenzene
Concen: 38.240 ug/l
RT: 14.16 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion:105 Resp: 422767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 15.5 | 7.4 | 22.2 |

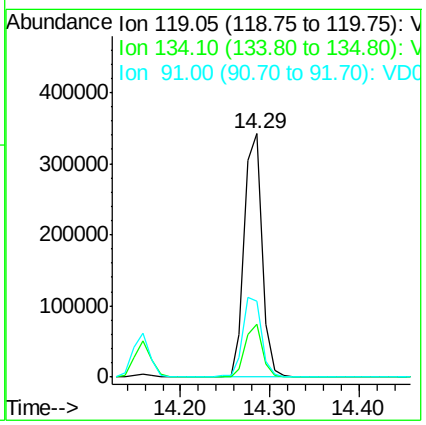


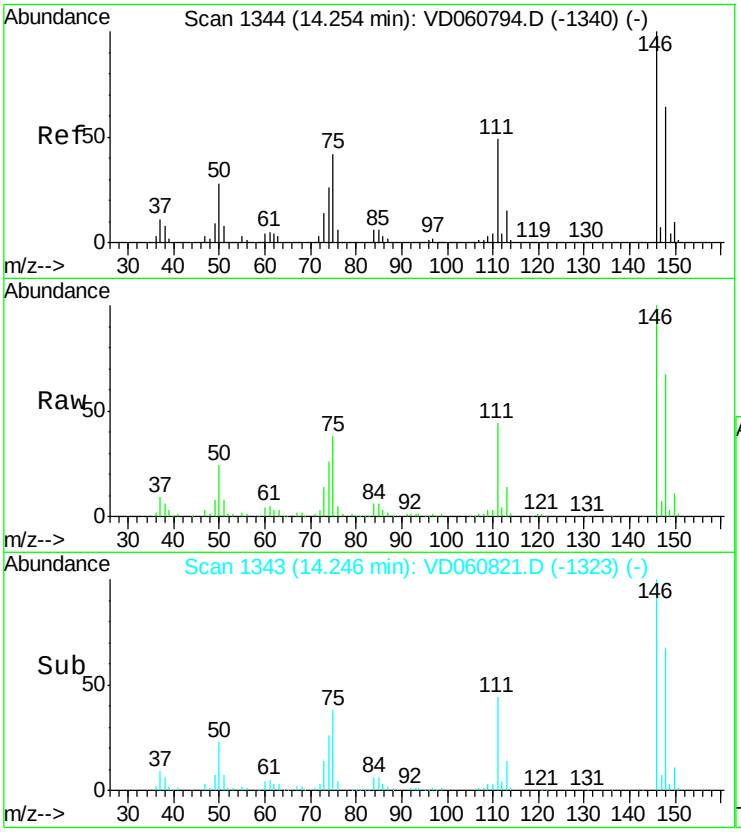




#86
p-Isopropyltoluene
Concen: 52.575 ug/l
RT: 14.29 min Scan# 1347
Delta R.T. -0.01 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion:119 Resp: 471903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 21.6 | 10.8 | 32.3 |
| 91 | 31.3 | 16.7 | 50.0 |



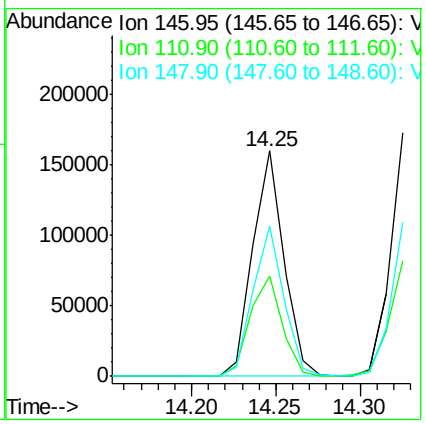


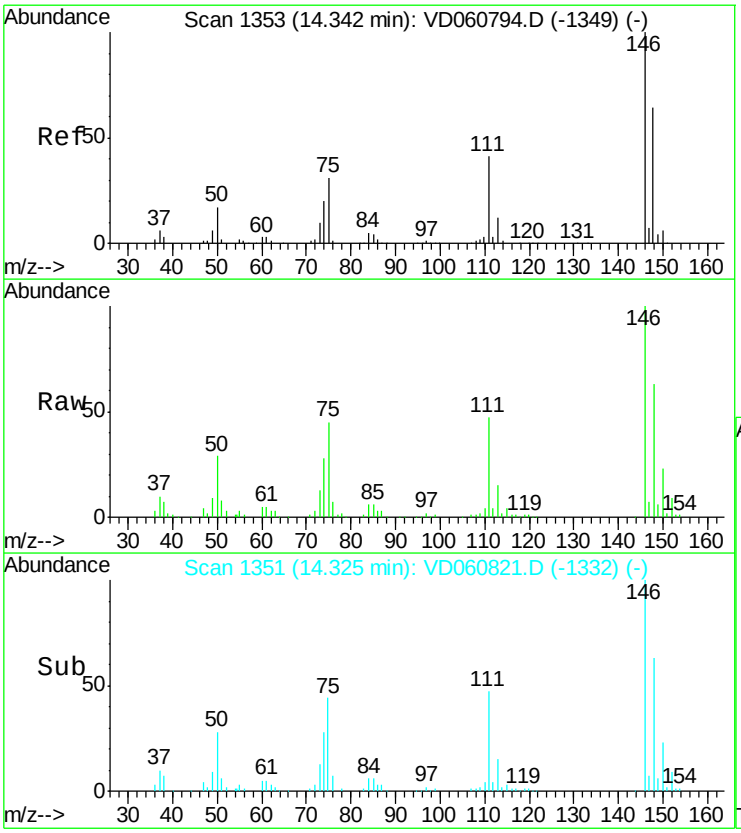

#87
1,3-Dichlorobenzene
Concen: 41.509 ug/l
RT: 14.25 min Scan# 1343
Delta R.T. -0.01 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion:146 Resp: 205794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.3 | 24.3 | 73.0 |
| 148 | 66.8 | 32.1 | 96.5 |

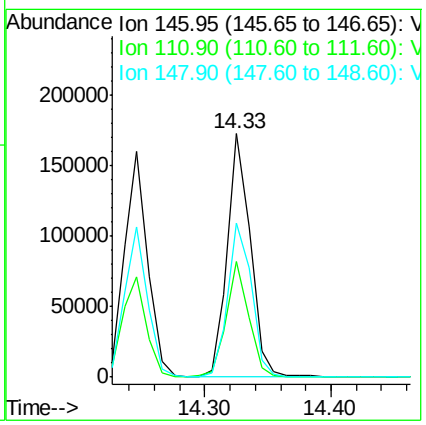


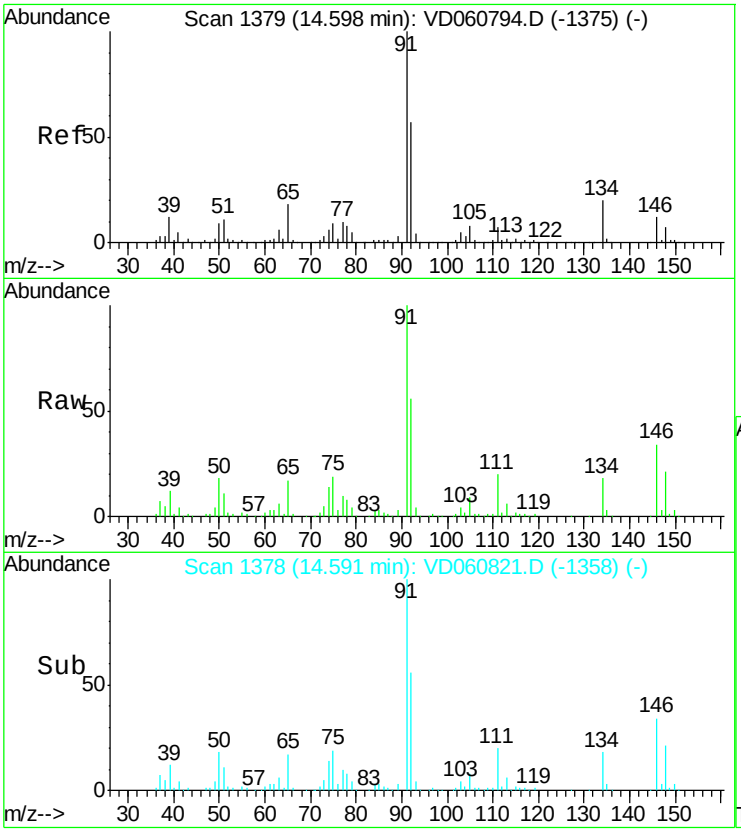




#88
1,4-Dichlorobenzene
Concen: 45.435 ug/l
RT: 14.33 min Scan# 1351
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion:146 Resp: 218866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 47.4 | 20.6 | 61.8 |
| 148 | 63.3 | 31.9 | 95.7 |



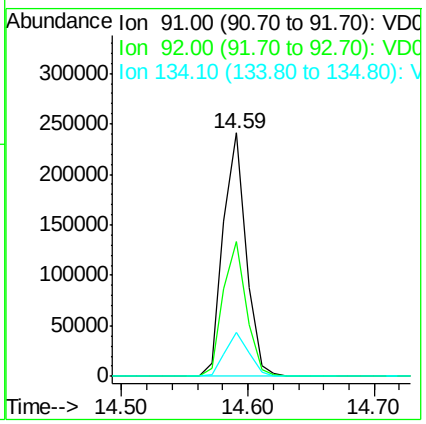


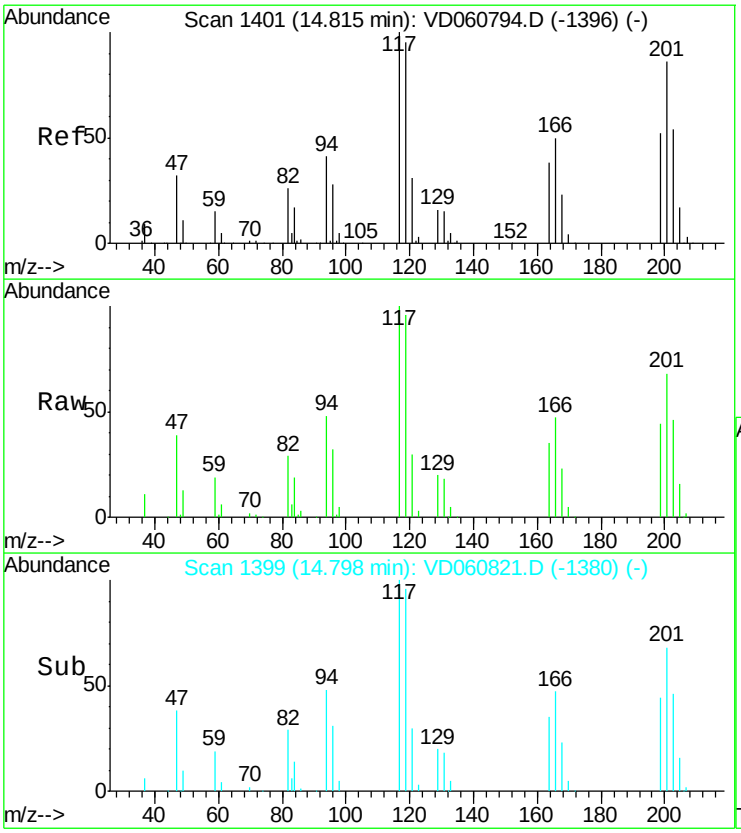

#89
n-Butylbenzene
Concen: 32.332 ug/l
RT: 14.59 min Scan# 1378
Delta R.T. -0.01 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion: 91 Resp: 302782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 55.5 | 28.5 | 85.5 |
| 134 | 18.1 | 10.0 | 29.8 |

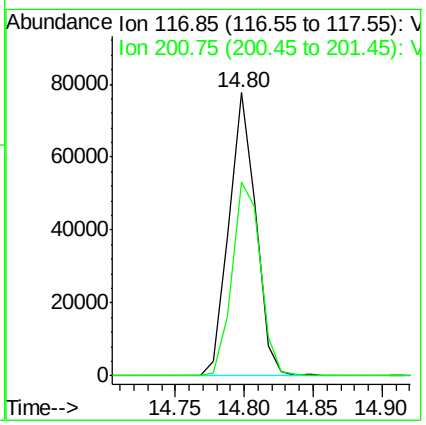


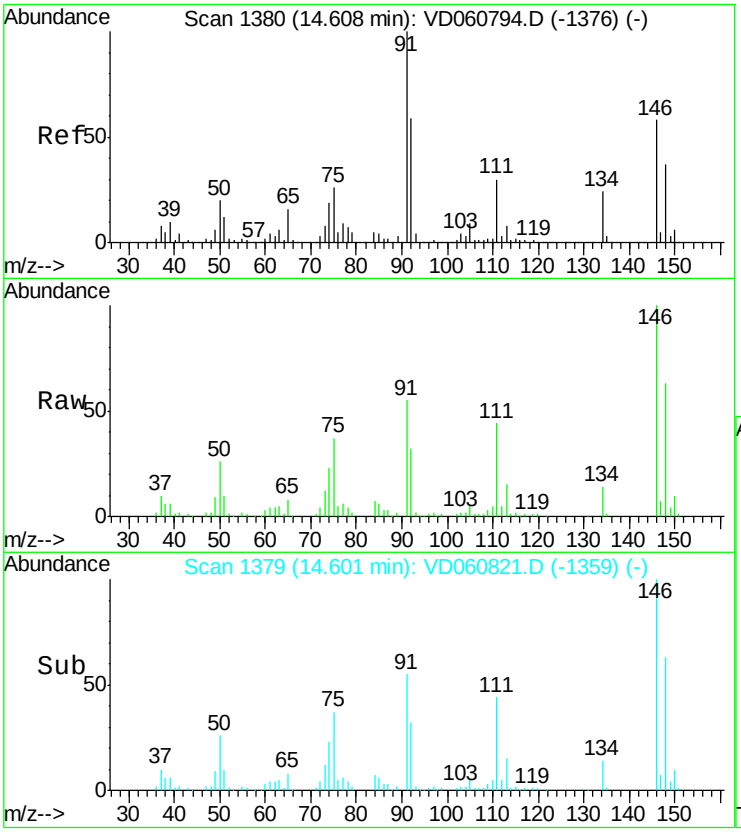




#90
Hexachloroethane
Concen: 39.321 ug/l
RT: 14.80 min Scan# 1399
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion:117 Resp: 105026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 68.4 | 43.0 | 128.8 |



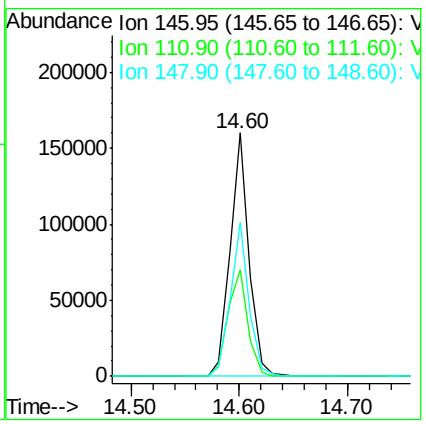


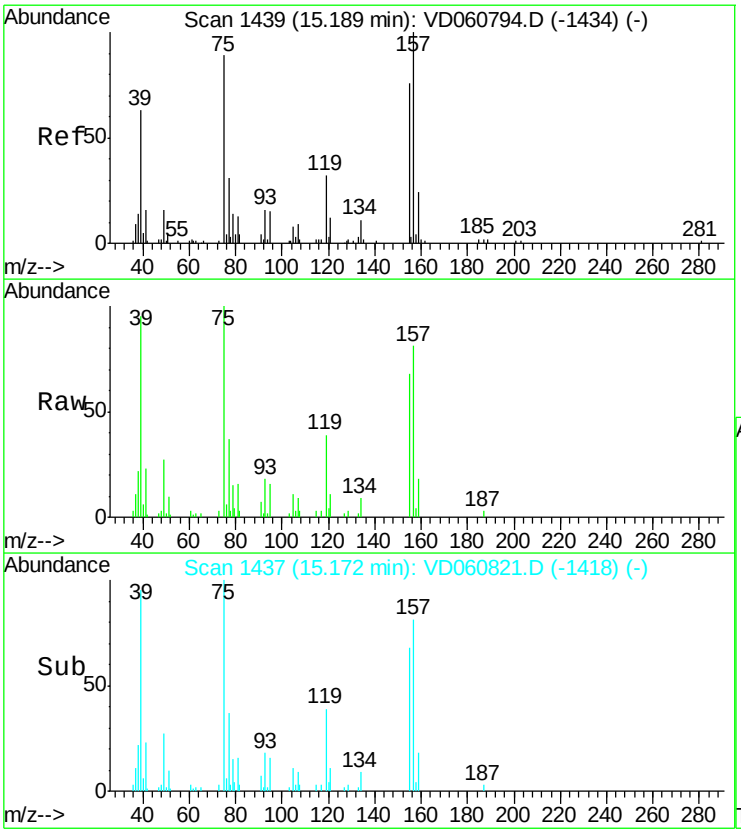

#91
1,2-Dichlorobenzene
Concen: 47.265 ug/l
RT: 14.60 min Scan# 1379
Delta R.T. -0.01 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion:146 Resp: 194504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.7 | 25.6 | 76.8 |
| 148 | 63.2 | 31.4 | 94.3 |

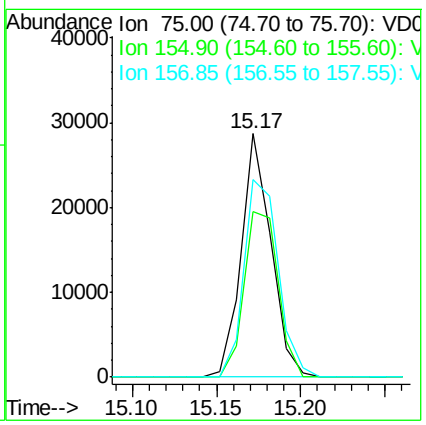


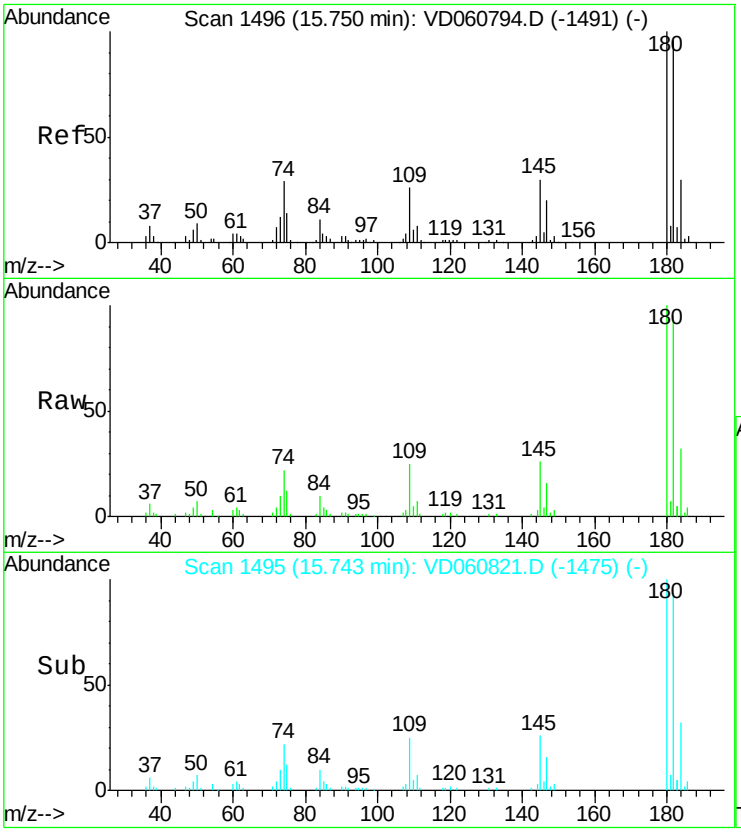




#92
1,2-Dibromo-3-Chloropropane
Concen: 75.204 ug/l
RT: 15.17 min Scan# 1437
Delta R.T. -0.02 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion: 75 Resp: 35079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 68.0 | 43.0 | 129.0 |
| 157 | 81.2 | 56.3 | 168.9 |



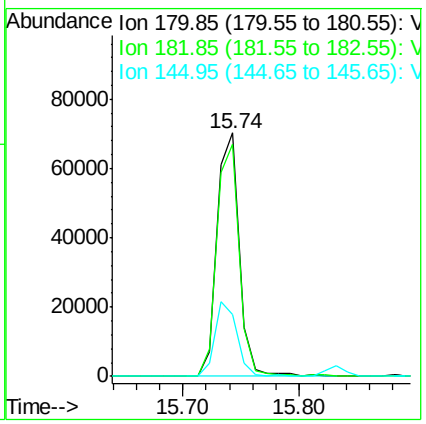


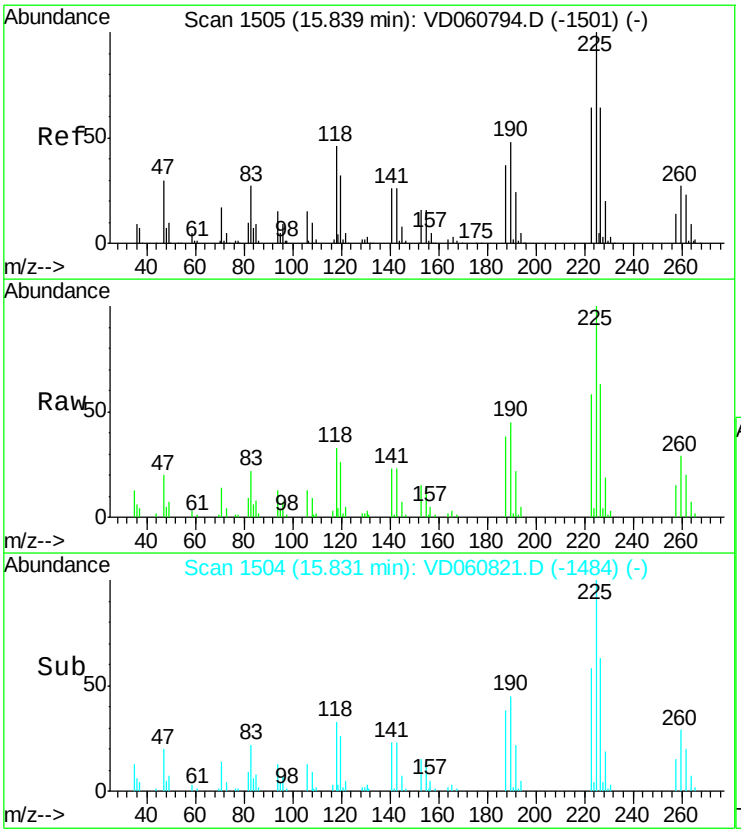

#93
1,2,4-Trichlorobenzene
Concen: 26.074 ug/l
RT: 15.74 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :**
MSVOA_D
**ClientSampleId :**
A0C17-SSIMS

Tgt Ion:180 Resp: 92908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.3 | 47.9 | 143.7 |
| 145 | 25.6 | 15.0 | 45.1 |

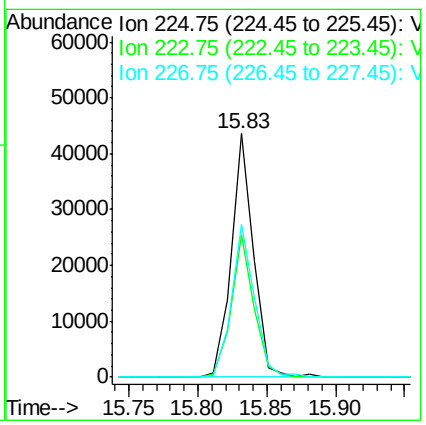


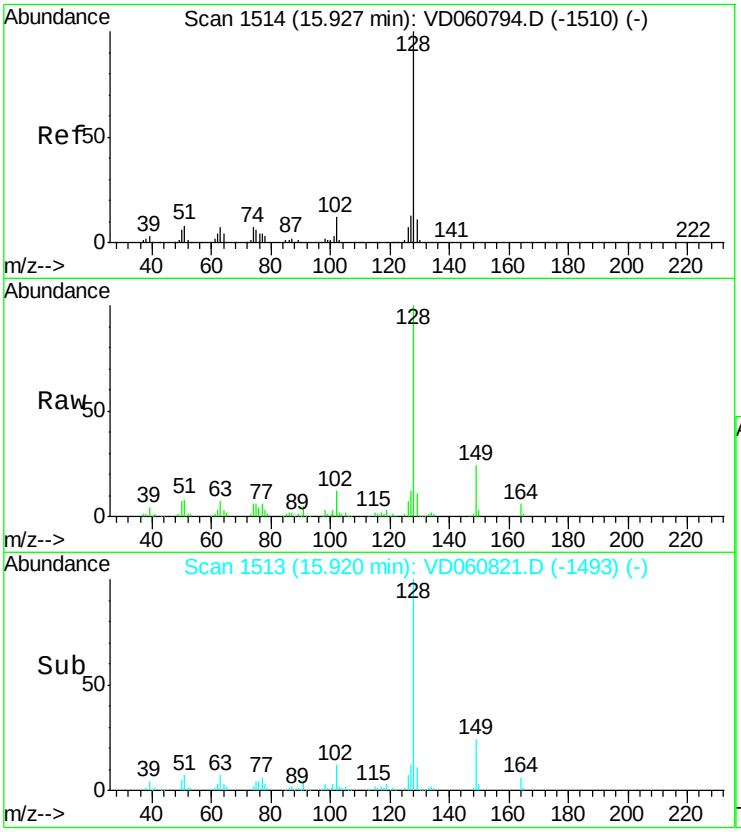




#94
Hexachlorobutadiene
Concen: 18.048 ug/l
RT: 15.83 min Scan# 1504
Delta R.T. -0.01 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion:225 Resp: 48253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 58.3 | 31.8 | 95.4 |
| 227 | 62.6 | 31.9 | 95.5 |



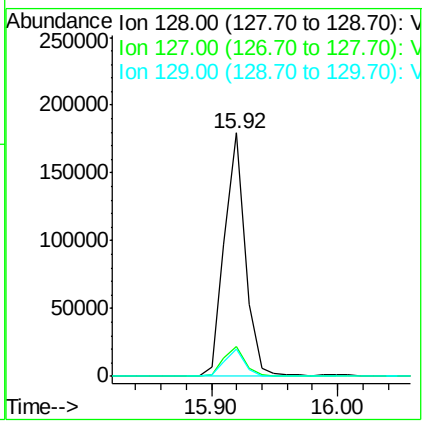


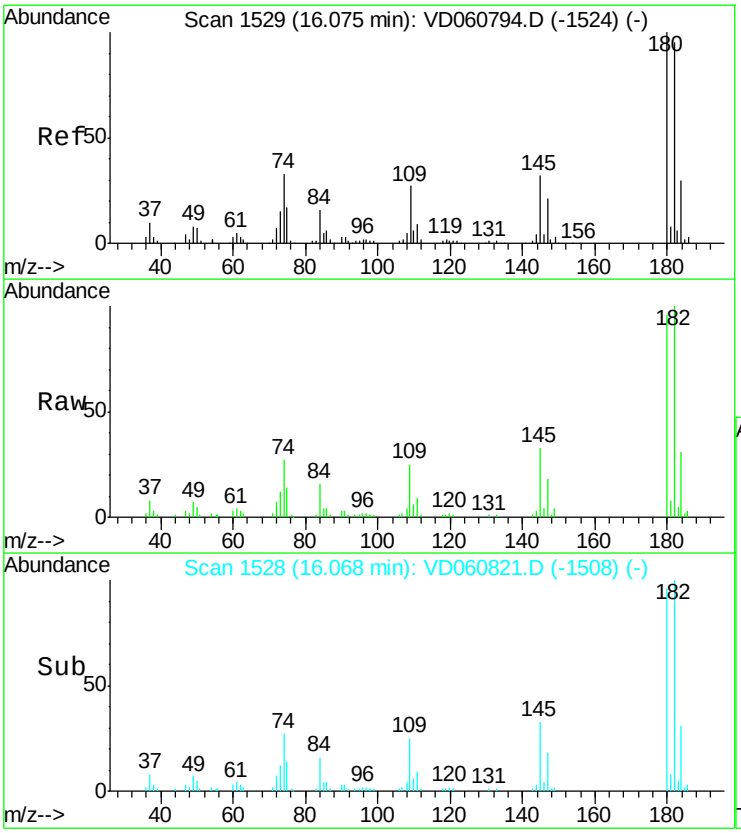

#95
Naphthalene
Concen: 37.782 ug/l
RT: 15.92 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

**Instrument :** MSVOA_D
**ClientSampleId :** A0C17-SSIMS

Tgt Ion:128 Resp: 206846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.0 | 10.4 | 15.6 |
| 129 | 11.3 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 24.266 ug/l
RT: 16.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VD060821.D
Acq: 1 Feb 2019 16:07

Tgt Ion:180 Resp: 75187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 103.7 | 47.4 | 142.3 |
| 145 | 33.8 | 15.8 | 47.4 |