Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
Data File : VD072013.D
Acq On : 17 Feb 2022 16:30
Operator : VA/SY
Sample : VD0217SBS01
Misc : 4.80G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Feb 18 06:38:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.973 | 168 | 412254 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.861 | 114 | 663986 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.638 | 117 | 633796 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.561 | 152 | 344082 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.326 | 65 | 259056 | 49.716 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 99.440% | | | |
| 35) Dibromofluoromethane | 7.908 | 113 | 263037 | 60.266 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 120.540% | | | |
| 50) Toluene-d8 | 10.332 | 98 | 944876 | 57.967 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 49 - 140 | | Recovery = 115.940% | | | |
| 62) 4-Bromofluorobenzene | 12.626 | 95 | 364914 | 64.107 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 25 - 144 | | Recovery = 128.220% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.991 | 85 | 95448 | 19.524 | ug/l | 100 |
| 3) Chloromethane | 2.209 | 50 | 86061 | 14.704 | ug/l | 95 |
| 4) Vinyl Chloride | 2.350 | 62 | 78772 | 12.855 | ug/l | 98 |
| 5) Bromomethane | 2.750 | 94 | 54382 | 13.451 | ug/l | 90 |
| 6) Chloroethane | 2.909 | 64 | 51951 | 13.378 | ug/l | 99 |
| 7) Trichlorofluoromethane | 3.267 | 101 | 156903 | 17.867 | ug/l | 97 |
| 8) Diethyl Ether | 3.709 | 74 | 44414 | 19.168 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluo... | 4.097 | 101 | 99050 | 19.993 | ug/l | 94 |
| 10) Methyl Iodide | 4.297 | 142 | 90475 | 17.813 | ug/l | 98 |
| 11) Tert butyl alcohol | 5.208 | 59 | 30349 | 67.419 | ug/l | 98 |
| 12) 1,1-Dichloroethene | 4.067 | 96 | 82393 | 18.192 | ug/l | 96 |
| 13) Acrolein | 3.926 | 56 | 52032 | 112.426 | ug/l | 97 |
| 14) Allyl chloride | 4.714 | 41 | 149906 | 17.364 | ug/l | 93 |
| 15) Acrylonitrile | 5.414 | 53 | 124339 | 105.582 | ug/l | 97 |
| 16) Acetone | 4.150 | 43 | 120184 | 84.258 | ug/l | 98 |
| 17) Carbon Disulfide | 4.409 | 76 | 204855 | 12.972 | ug/l | 100 |
| 18) Methyl Acetate | 4.714 | 43 | 63096 | 20.460 | ug/l | 98 |
| 19) Methyl tert-butyl Ether | 5.473 | 73 | 219805 | 20.286 | ug/l | 98 |
| 20) Methylene Chloride | 4.956 | 84 | 109971 | 18.788 | ug/l | 90 |
| 21) trans-1,2-Dichloroethene | 5.467 | 96 | 97141 | 18.424 | ug/l | 89 |
| 22) Diisopropyl ether | 6.361 | 45 | 336020 | 19.858 | ug/l | 96 |
| 23) Vinyl Acetate | 6.303 | 43 | 828857 | 88.795 | ug/l | 96 |
| 24) 1,1-Dichloroethane | 6.255 | 63 | 196600 | 19.934 | ug/l | 98 |
| 25) 2-Butanone | 7.208 | 43 | 157922 | 94.972 | ug/l | 93 |
| 26) 2,2-Dichloropropane | 7.208 | 77 | 150672 | 18.461 | ug/l | 97 |
| 27) cis-1,2-Dichloroethene | 7.208 | 96 | 118582 | 20.939 | ug/l | 92 |
| 28) Bromochloromethane | 7.544 | 49 | 56848 | 15.282 | ug/l | 91 |
| 29) Tetrahydrofuran | 7.555 | 42 | 94960 | 96.516 | ug/l | 95 |
| 30) Chloroform | 7.708 | 83 | 205488 | 20.394 | ug/l | 99 |
| 31) Cyclohexane | 7.985 | 56 | 160265 | 16.111 | ug/l | 95 |
| 32) 1,1,1-Trichloroethane | 7.902 | 97 | 167861 | 18.888 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 8.108 | 75 | 139238 | 18.587 | ug/l | 98 |
| 37) Ethyl Acetate | 7.285 | 43 | 68387 | 19.635 | ug/l | 95 |
| 38) Carbon Tetrachloride | 8.097 | 117 | 144798 | 19.546 | ug/l | 97 |
| 39) Methylcyclohexane | 9.349 | 83 | 154996 | 17.857 | ug/l | 99 |
| 40) Benzene | 8.344 | 78 | 409025 | 20.227 | ug/l | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
Data File : VD072013.D
Acq On : 17 Feb 2022 16:30
Operator : VA/SY
Sample : VD0217SBS01
Misc : 4.80G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Feb 18 06:38:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 7.514 | 41 | 28725 | 14.579 | ug/l | # | 60 |
| 42) 1,2-Dichloroethane | 8.420 | 62 | 127416 | 19.955 | ug/l | | 98 |
| 43) Isopropyl Acetate | 8.449 | 43 | 122614 | 19.588 | ug/l | | 96 |
| 44) Trichloroethene | 9.108 | 130 | 114032 | 21.841 | ug/l | | 93 |
| 45) 1,2-Dichloropropane | 9.379 | 63 | 111190 | 21.325 | ug/l | | 93 |
| 46) Dibromomethane | 9.467 | 93 | 57427 | 21.035 | ug/l | | 94 |
| 47) Bromodichloromethane | 9.655 | 83 | 153795 | 21.301 | ug/l | | 99 |
| 48) Methyl methacrylate | 9.449 | 41 | 64180 | 19.373 | ug/l | | 94 |
| 49) 1,4-Dioxane | 9.455 | 88 | 14268 | 457.878 | ug/l | | 98 |
| 51) 4-Methyl-2-Pentanone | 10.220 | 43 | 336008 | 102.574 | ug/l | | 97 |
| 52) Toluene | 10.396 | 92 | 265642 | 21.126 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 10.614 | 75 | 130282 | 19.646 | ug/l | | 96 |
| 54) cis-1,3-Dichloropropene | 10.085 | 75 | 159365 | 20.502 | ug/l | # | 88 |
| 55) 1,1,2-Trichloroethane | 10.791 | 97 | 83611 | 23.076 | ug/l | | 97 |
| 56) Ethyl methacrylate | 10.655 | 69 | 97893 | 21.821 | ug/l | | 87 |
| 57) 1,3-Dichloropropane | 10.938 | 76 | 144206 | 22.293 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.938 | 63 | 231108 | 109.435 | ug/l | | 99 |
| 59) 2-Hexanone | 10.979 | 43 | 244917 | 103.011 | ug/l | | 98 |
| 60) Dibromochloromethane | 11.132 | 129 | 102024 | 22.802 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 11.238 | 107 | 76871 | 22.020 | ug/l | | 99 |
| 64) Tetrachloroethene | 10.867 | 164 | 94615 | 21.104 | ug/l | | 96 |
| 65) Chlorobenzene | 11.661 | 112 | 293701 | 21.904 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131 | 108720 | 22.288 | ug/l | | 98 |
| 67) Ethyl Benzene | 11.738 | 91 | 503641 | 20.413 | ug/l | | 98 |
| 68) m/p-Xylenes | 11.849 | 106 | 398369 | 42.450 | ug/l | | 98 |
| 69) o-Xylene | 12.173 | 106 | 187799 | 22.021 | ug/l | | 95 |
| 70) Styrene | 12.185 | 104 | 329640 | 22.425 | ug/l | | 98 |
| 71) Bromoform | 12.349 | 173 | 63213 | 24.271 | ug/l | # | 98 |
| 73) Isopropylbenzene | 12.473 | 105 | 504480 | 18.934 | ug/l | | 98 |
| 74) N-amyl acetate | 12.279 | 43 | 116551 | 17.788 | ug/l | | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83 | 97894 | 19.854 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 12.773 | 75 | 124564 | 34.351 | ug/l | # | 100 |
| 77) Bromobenzene | 12.749 | 156 | 119935 | 20.236 | ug/l | | 92 |
| 78) n-propylbenzene | 12.808 | 91 | 624571 | 18.695 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 12.896 | 91 | 364802 | 19.269 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 12.949 | 105 | 452048 | 20.455 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75 | 23064 | 15.639 | ug/l | | 96 |
| 82) 4-Chlorotoluene | 12.996 | 91 | 379443 | 19.264 | ug/l | | 98 |
| 83) tert-Butylbenzene | 13.214 | 119 | 366683 | 20.021 | ug/l | | 97 |
| 84) 1,2,4-Trimethylbenzene | 13.255 | 105 | 440658 | 20.270 | ug/l | | 99 |
| 85) sec-Butylbenzene | 13.390 | 105 | 562618 | 19.632 | ug/l | | 98 |
| 86) p-Isopropyltoluene | 13.502 | 119 | 466065 | 20.013 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 13.502 | 146 | 244432 | 20.310 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.584 | 146 | 244246 | 20.335 | ug/l | | 99 |
| 89) n-Butylbenzene | 13.832 | 91 | 442911 | 19.385 | ug/l | | 100 |
| 90) Hexachloroethane | 14.096 | 117 | 92332 | 19.947 | ug/l | | 93 |
| 91) 1,2-Dichlorobenzene | 13.879 | 146 | 213526 | 20.732 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 14.490 | 75 | 14609 | 17.891 | ug/l | | 81 |
| 93) 1,2,4-Trichlorobenzene | 15.143 | 180 | 129879 | 21.587 | ug/l | | 98 |
| 94) Hexachlorobutadiene | 15.249 | 225 | 75099 | 22.892 | ug/l | | 99 |
| 95) Naphthalene | 15.384 | 128 | 234299 | 20.486 | ug/l | | 98 |
| 96) 1,2,3-Trichlorobenzene | 15.579 | 180 | 114825 | 22.266 | ug/l | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
Data File : VD072013.D
Acq On : 17 Feb 2022 16:30
Operator : VA/SY
Sample : VD0217SBS01
Misc : 4.80G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Feb 18 06:38:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

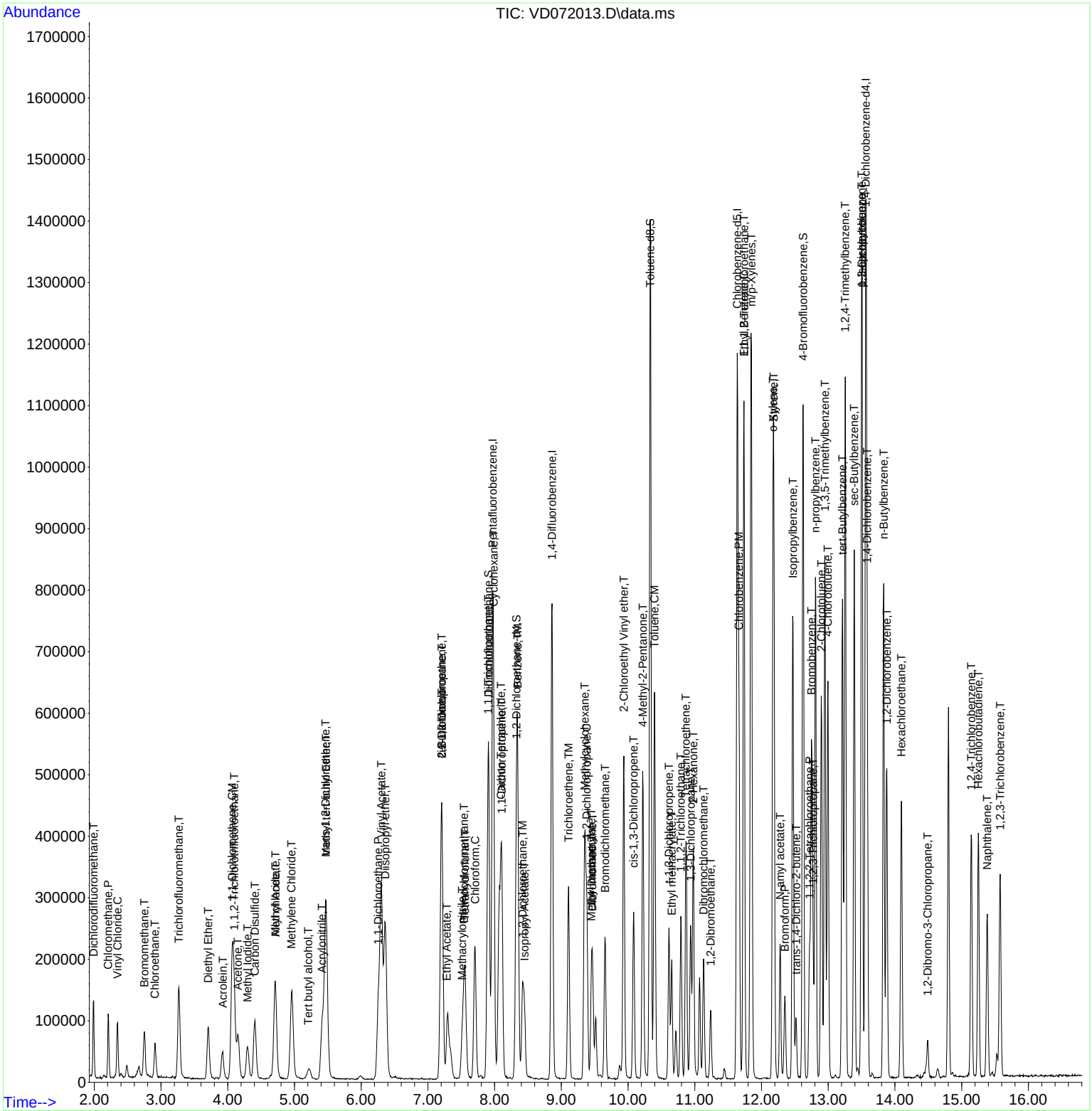
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

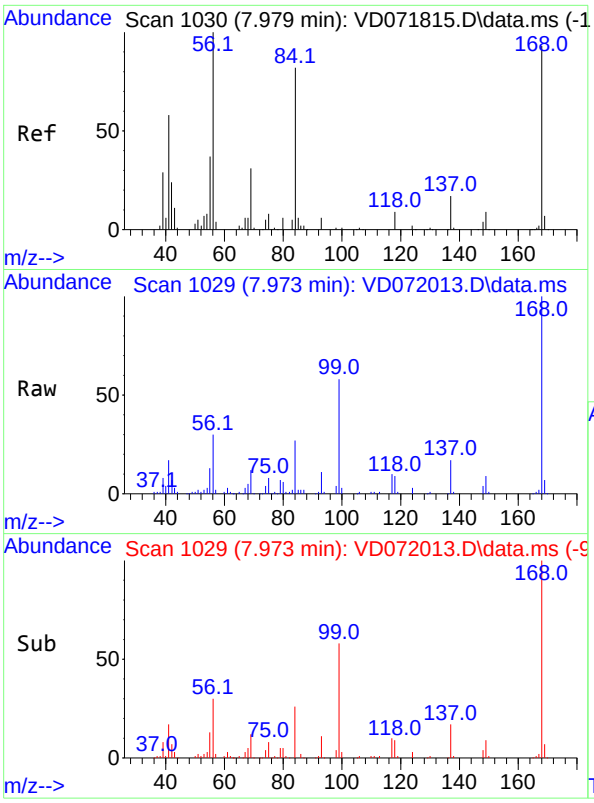
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
Data File : VD072013.D
Acq On : 17 Feb 2022 16:30
Operator : VA/SY
Sample : VD0217SBS01
Misc : 4.80G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Feb 18 06:38:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration



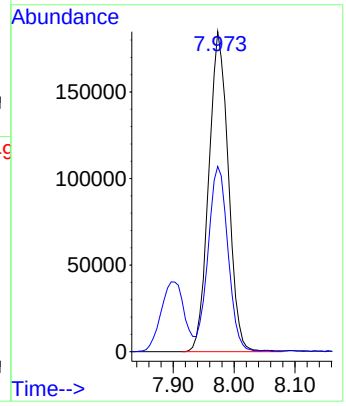


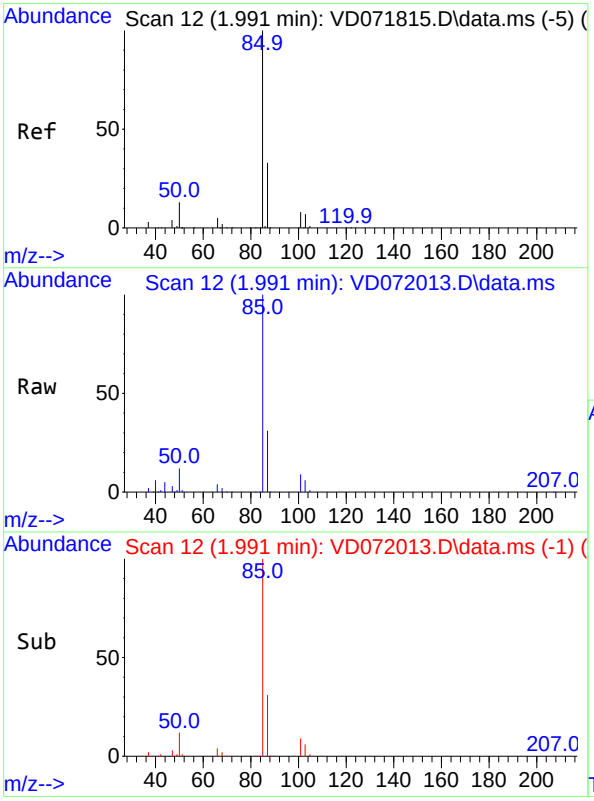

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion:168 Resp: 412254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 57.7 | 49.8 | 74.6 |

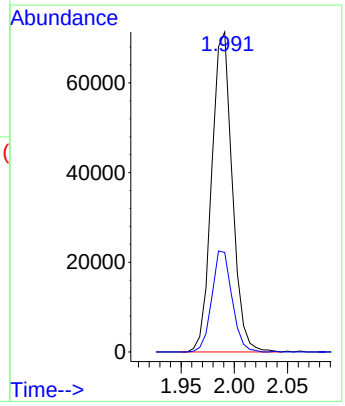


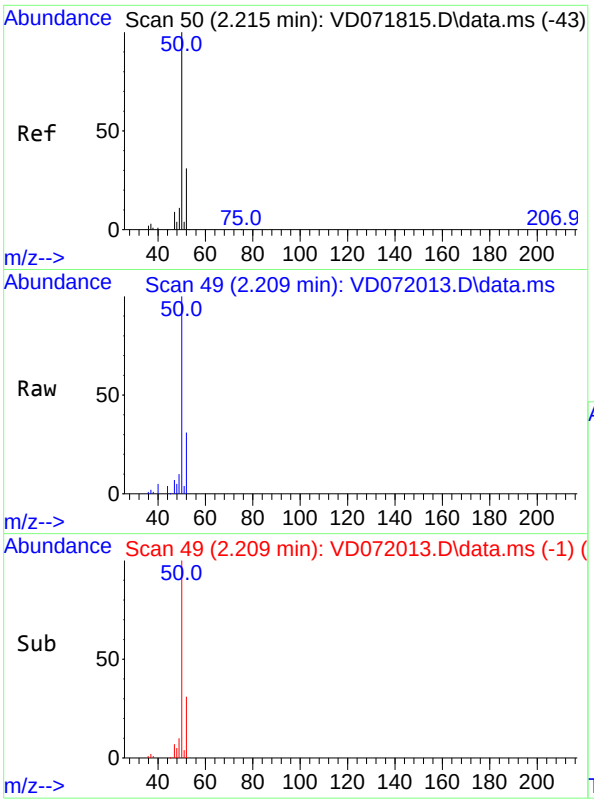




#2
Dichlorodifluoromethane
Concen: 19.524 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 85 Resp: 95448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.1 | 15.7 | 47.0 |



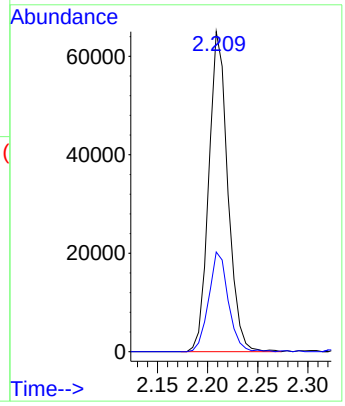


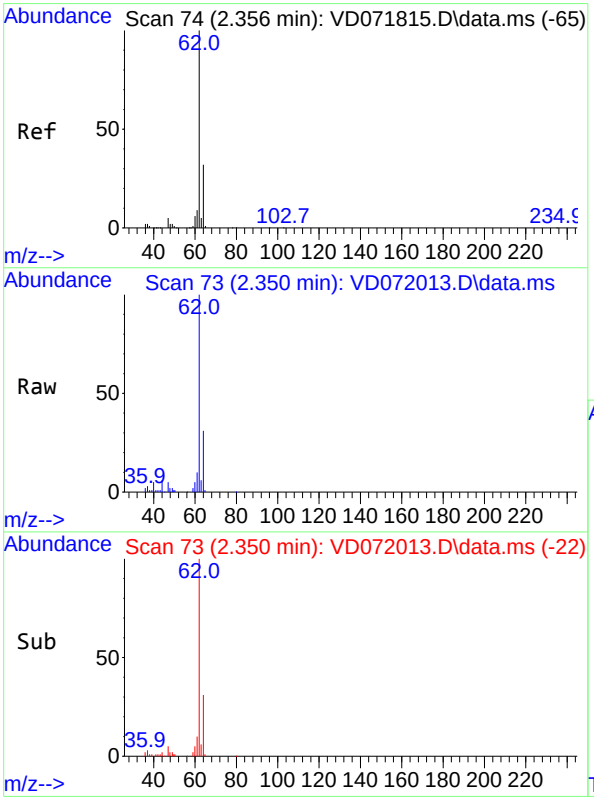

#3
Chloromethane
Concen: 14.704 ug/l
RT: 2.209 min Scan# 4
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 50 Resp: 86061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.1 | 27.4 | 41.0 |

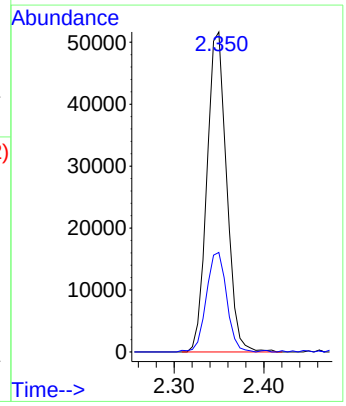


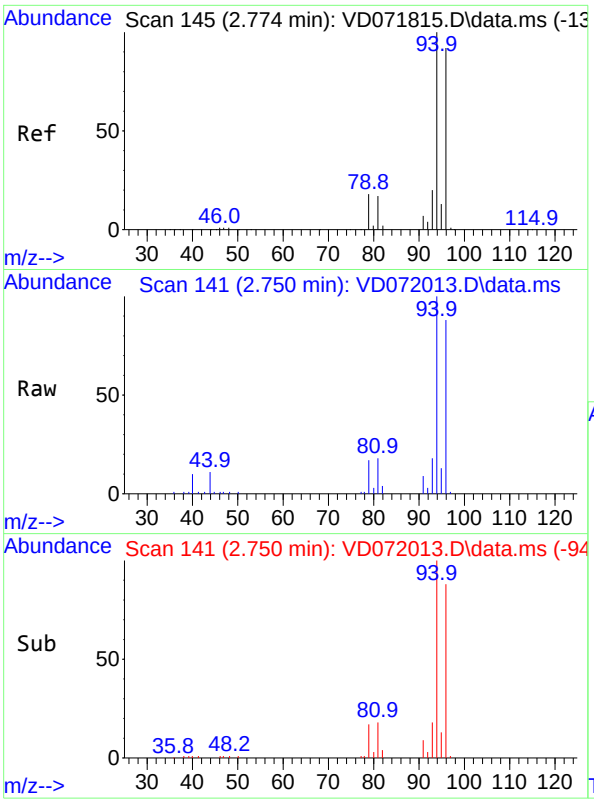




#4
Vinyl Chloride
Concen: 12.855 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 62 Resp: 78772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.7 | 25.4 | 38.0 |



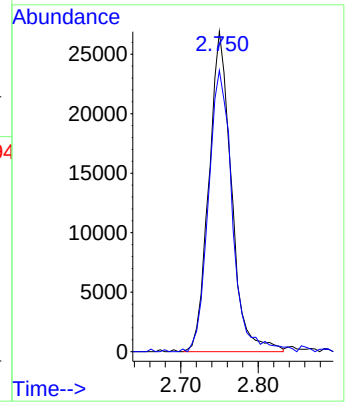


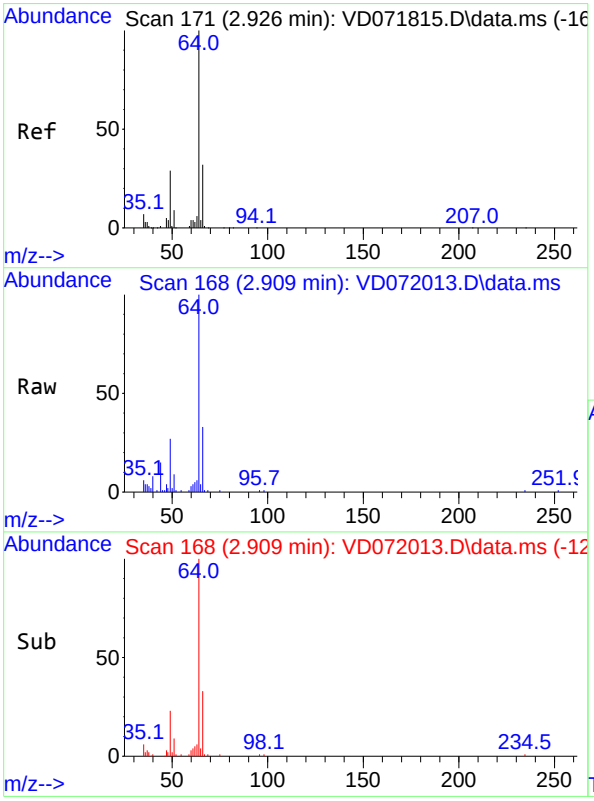

#5
Bromomethane
Concen: 13.451 ug/l
RT: 2.750 min Scan# 14
Delta R.T. -0.024 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 94 Resp: 54382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 87.0 | 77.6 | 116.4 |

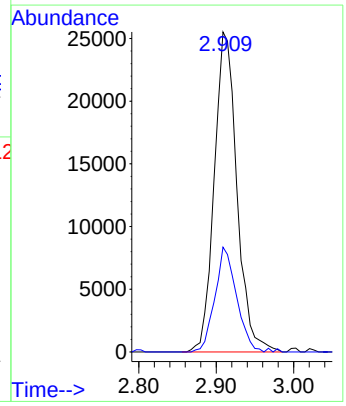


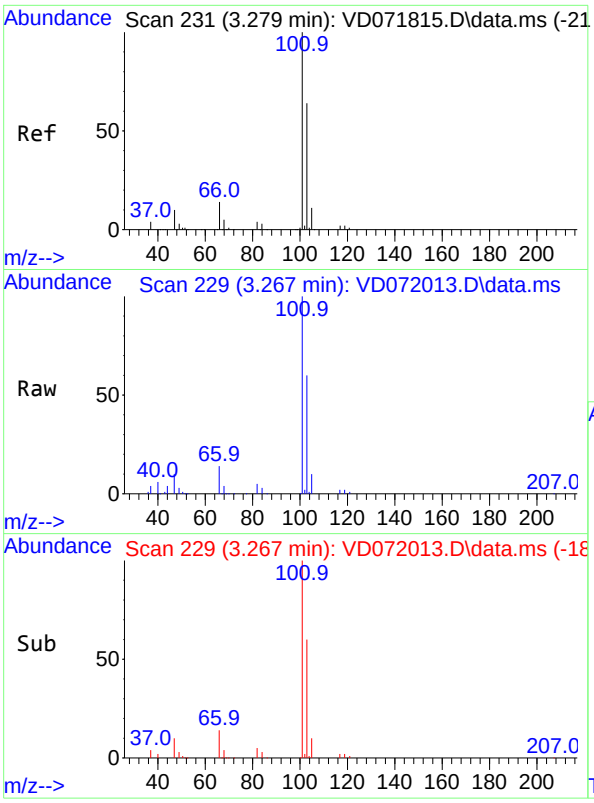




#6
Chloroethane
Concen: 13.378 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.018 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 64 Resp: 51951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.7 | 25.9 | 38.9 |



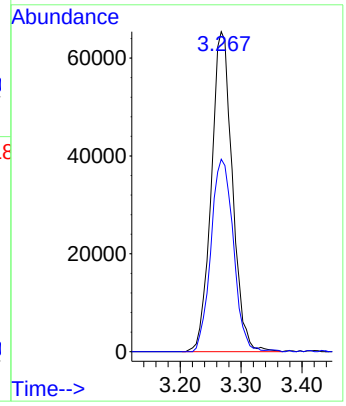


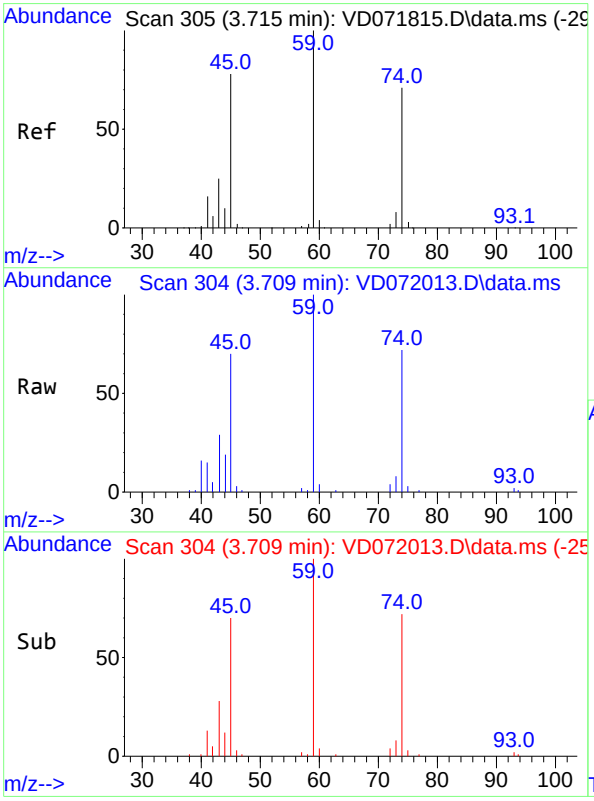

#7
Trichlorofluoromethane
Concen: 17.867 ug/l
RT: 3.267 min Scan# 2
Delta R.T. -0.012 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion:101 Resp: 156903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 60.1 | 50.1 | 75.1 |

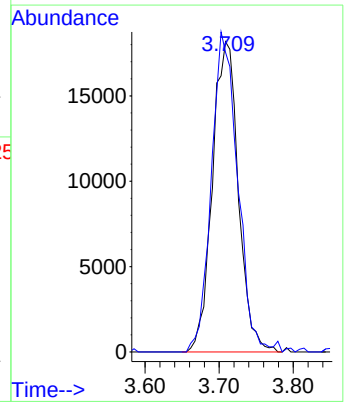


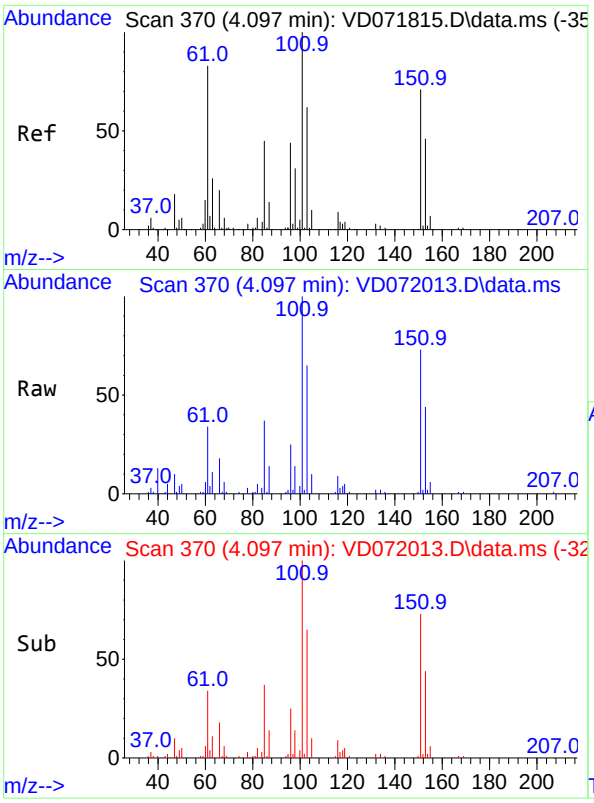




#8
Diethyl Ether
Concen: 19.168 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 74 Resp: 44414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 104.2 | 52.6 | 157.8 |



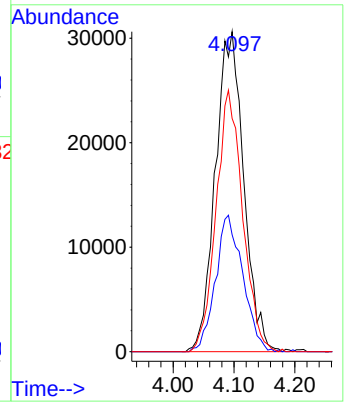


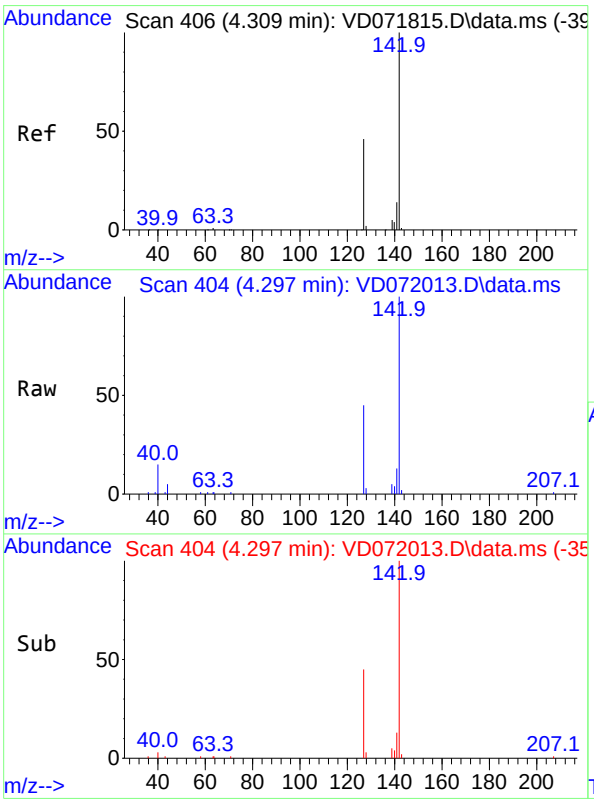

#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.993 ug/l
RT: 4.097 min Scan# 3
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion:101 Resp: 99050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 41.2 | 36.4 | 54.6 |
| 151 | 76.6 | 57.3 | 85.9 |

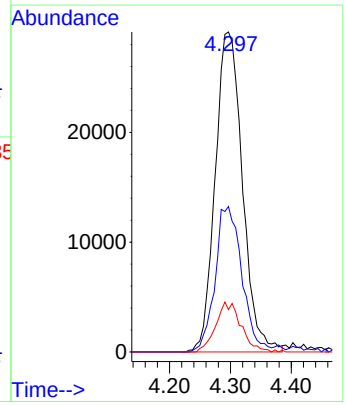


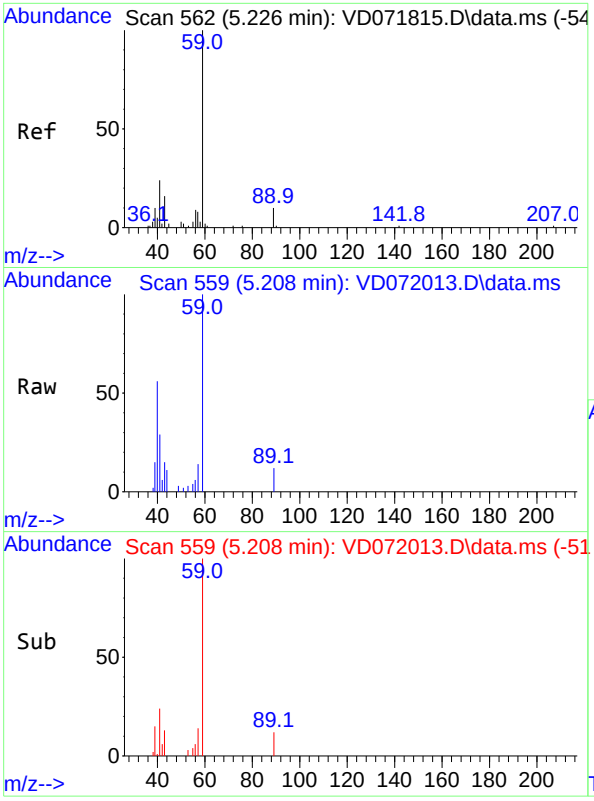




#10
Methyl Iodide
Concen: 17.813 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.012 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion:142 Resp: 90475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 44.6 | 37.3 | 55.9 |
| 141 | 14.5 | 11.7 | 17.5 |



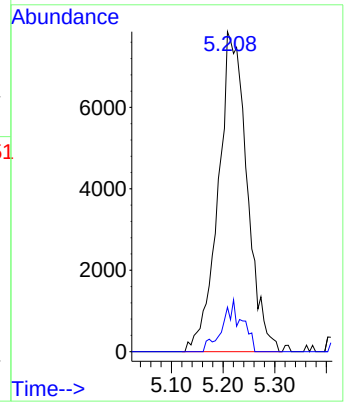


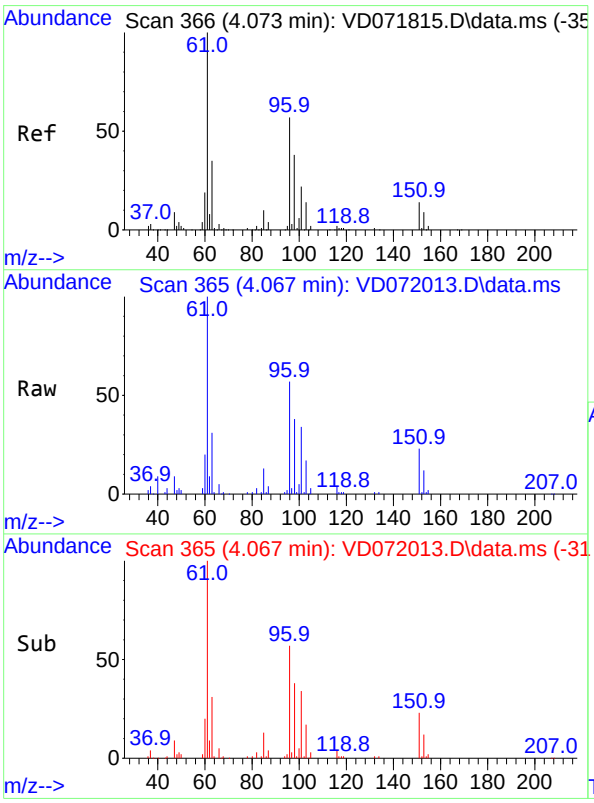

#11
Tert butyl alcohol
Concen: 67.419 ug/l
RT: 5.208 min Scan# 5
Delta R.T. -0.012 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 59 Resp: 30349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.3 | 7.8 | 11.6 |

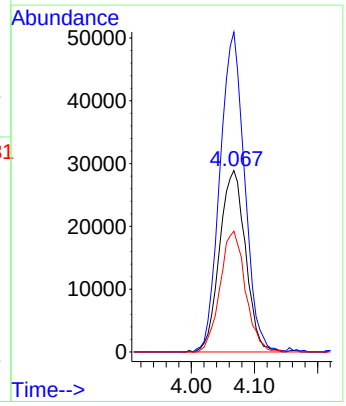


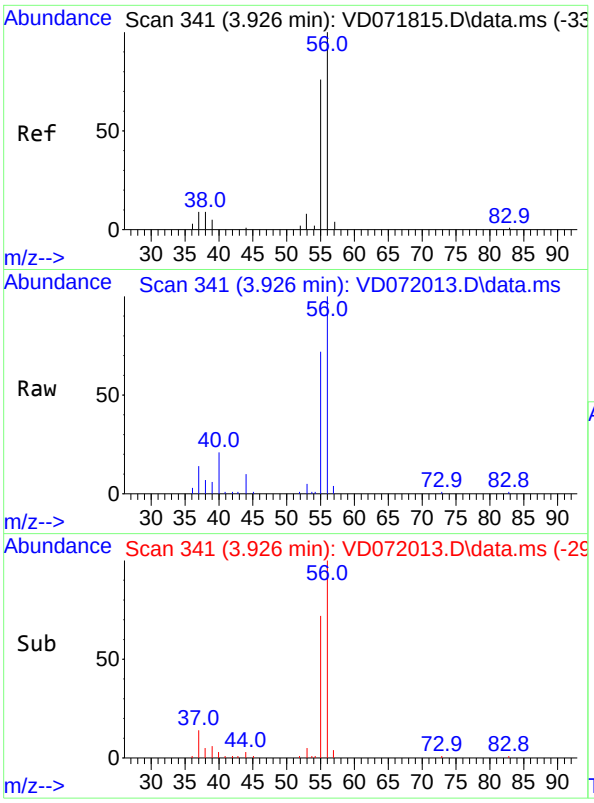




#12
1,1-Dichloroethene
Concen: 18.192 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 96 Resp: 82393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 176.4 | 138.5 | 207.7 |
| 98 | 66.6 | 48.6 | 73.0 |



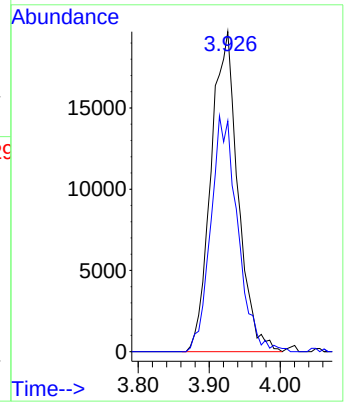


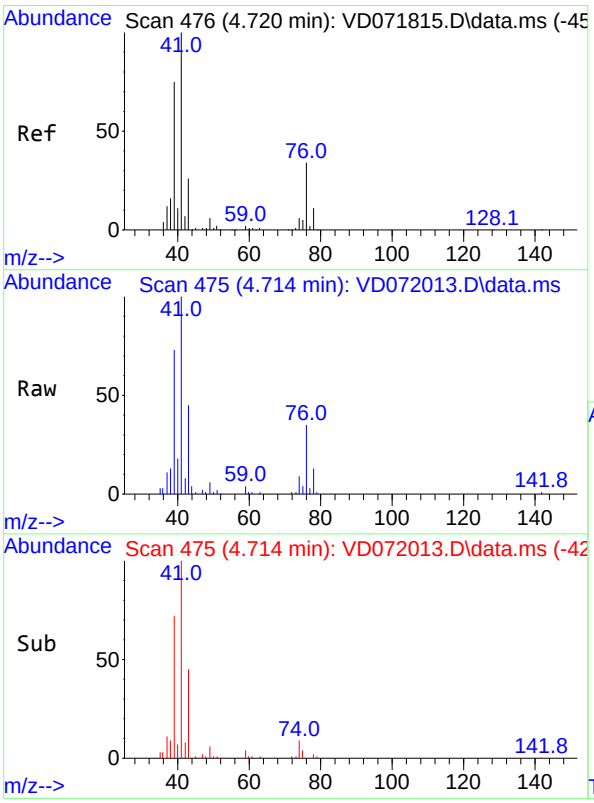

#13
Acrolein
Concen: 112.426 ug/l
RT: 3.926 min Scan# 34
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 56 Resp: 52032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 73.7 | 57.1 | 85.7 |

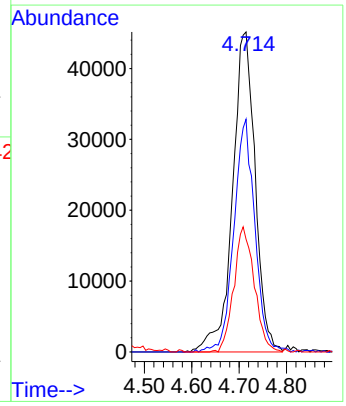


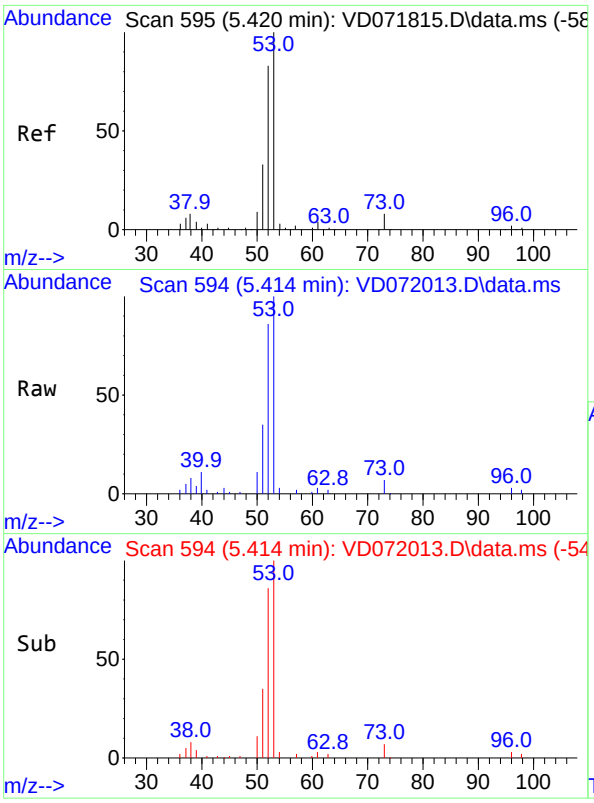




#14
Allyl chloride
Concen: 17.364 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 41 Resp: 149906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 67.6 | 59.3 | 88.9 |
| 76 | 35.4 | 25.7 | 38.5 |



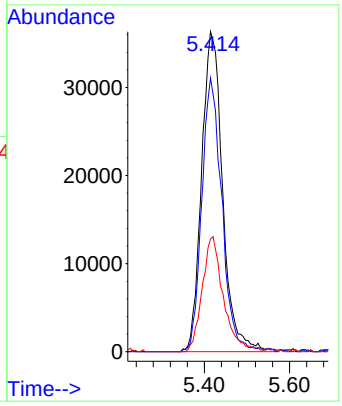


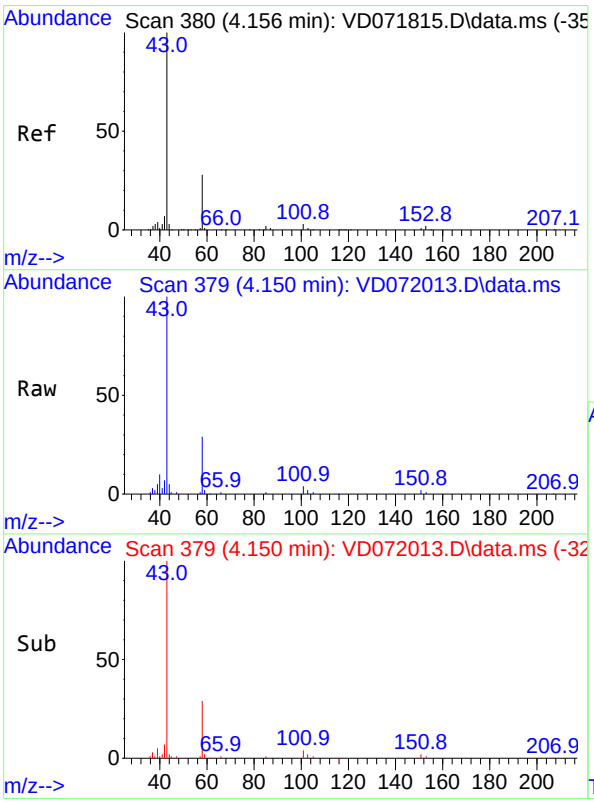

#15
Acrylonitrile
Concen: 105.582 ug/l
RT: 5.414 min Scan# 5
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 53 Resp: 124339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.7 | 67.2 | 100.8 |
| 51 | 36.3 | 30.3 | 45.5 |

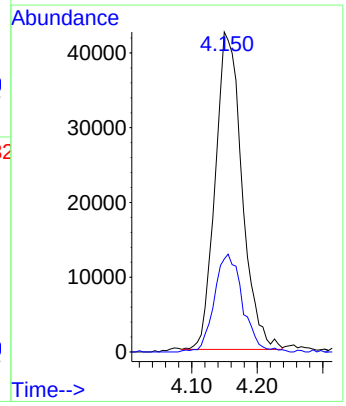


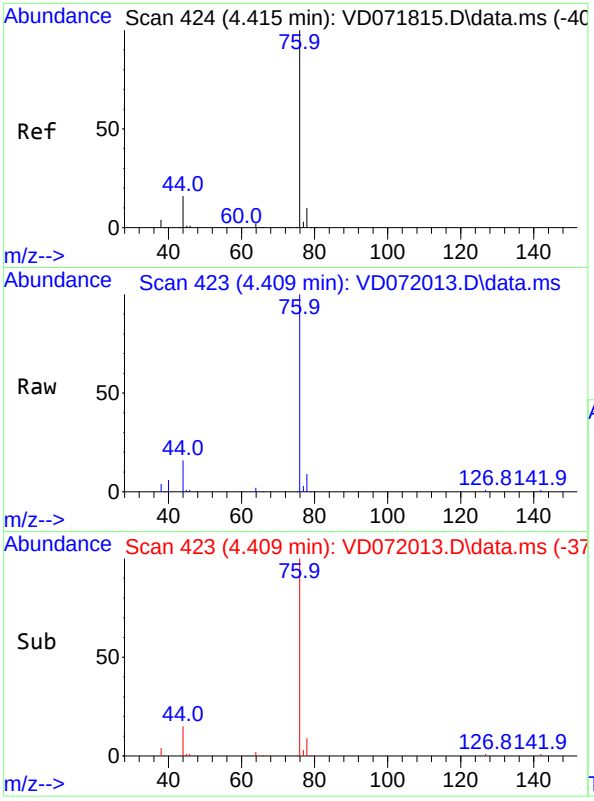




#16
Acetone
Concen: 84.258 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 43 Resp: 120184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.9 | 22.1 | 33.1 |



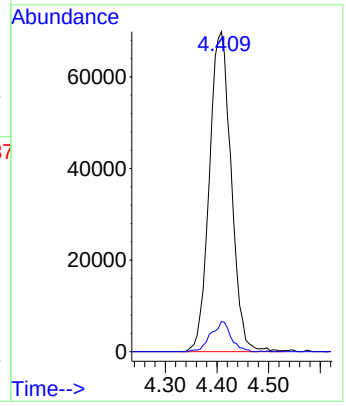


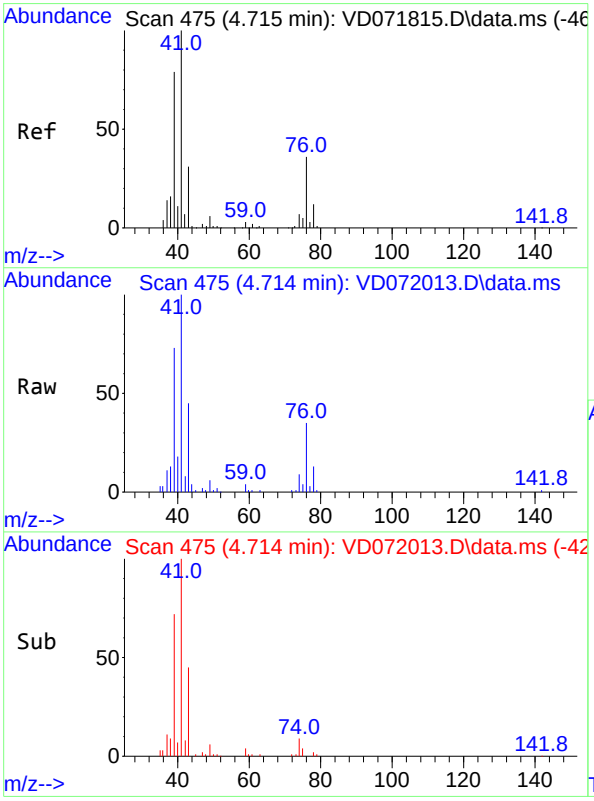

#17
Carbon Disulfide
Concen: 12.972 ug/l
RT: 4.409 min Scan# 4
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 76 Resp: 204855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.5 | 7.5 | 11.3 |

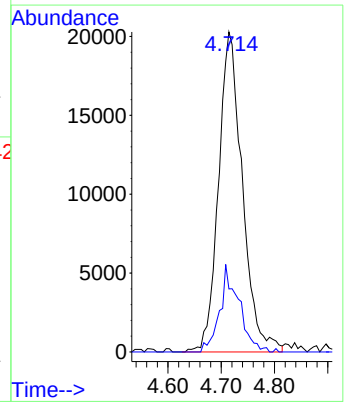


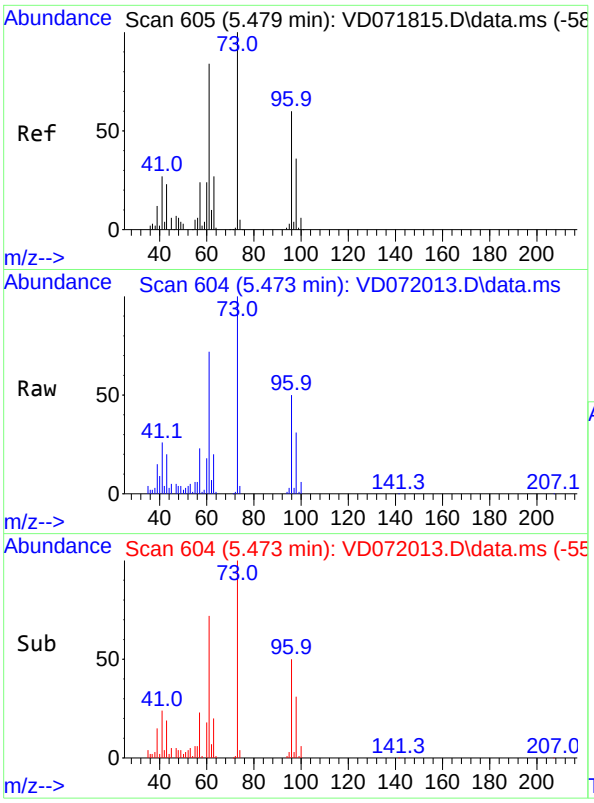




#18
Methyl Acetate
Concen: 20.460 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 43 Resp: 63096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 21.9 | 16.7 | 25.1 |



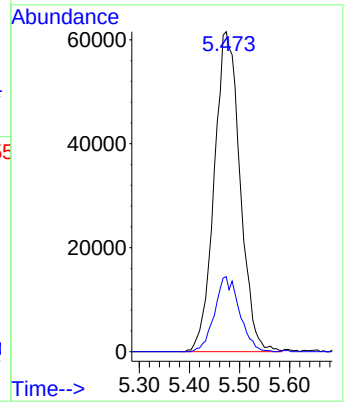


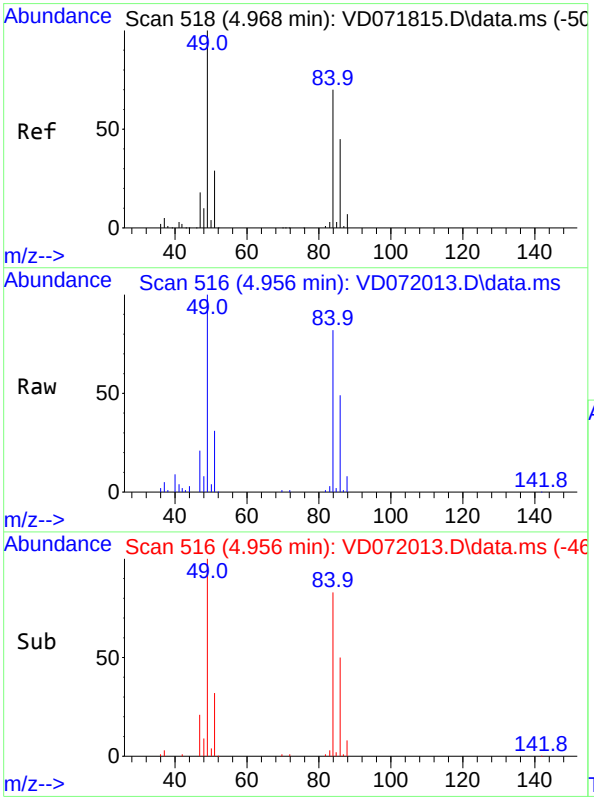

#19
Methyl tert-butyl Ether
Concen: 20.286 ug/l
RT: 5.473 min Scan# 6
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 73 Resp: 219805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.4 | 18.0 | 27.0 |

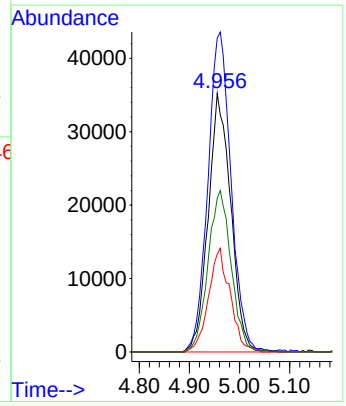


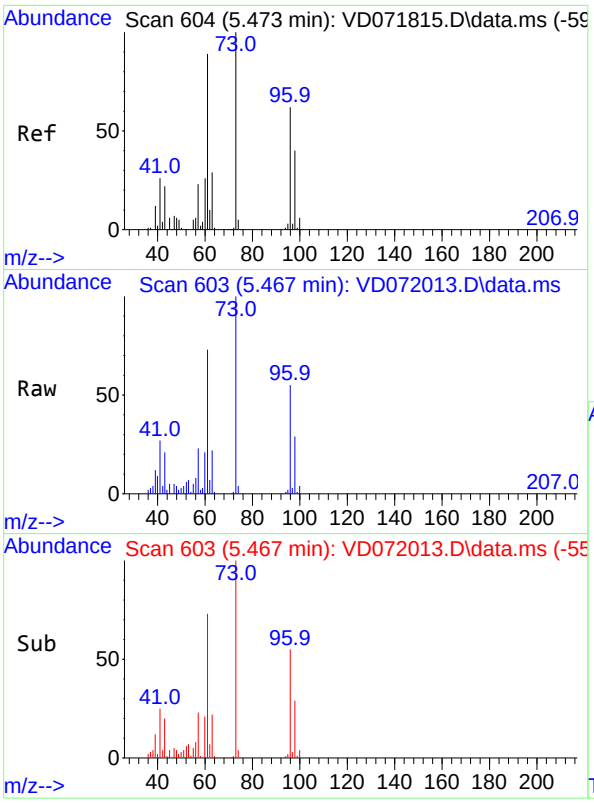




#20
Methylene Chloride
Concen: 18.788 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 84 Resp: 109971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 121.3 | 112.8 | 169.2 |
| 51 | 37.8 | 32.6 | 48.8 |
| 86 | 59.5 | 47.9 | 71.9 |



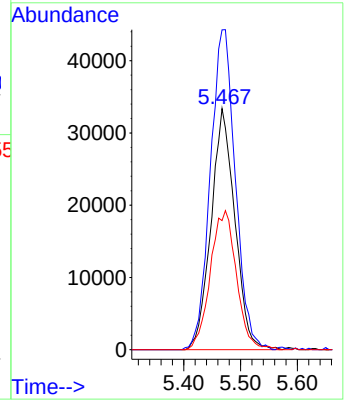


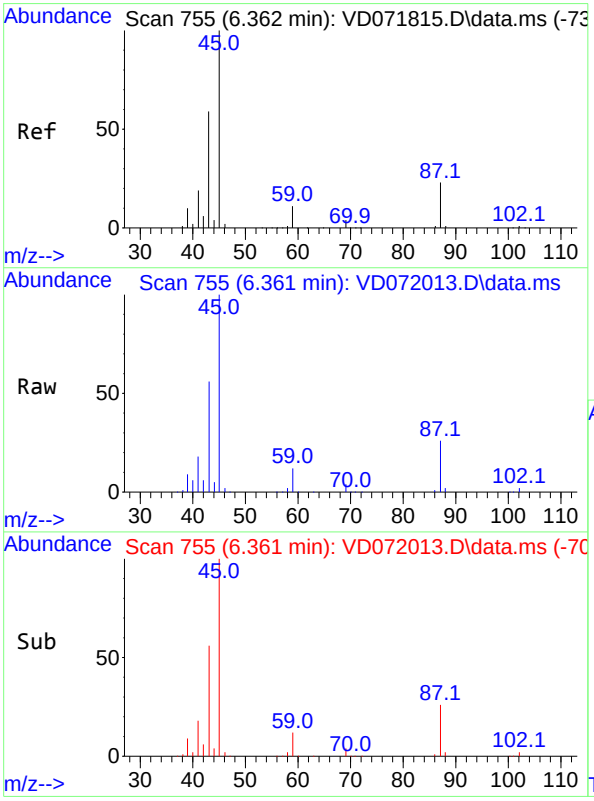

#21
trans-1,2-Dichloroethene
Concen: 18.424 ug/l
RT: 5.467 min Scan# 6
Delta R.T. -0.012 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 96 Resp: 97141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 132.7 | 117.9 | 176.9 |
| 98 | 53.6 | 49.4 | 74.2 |

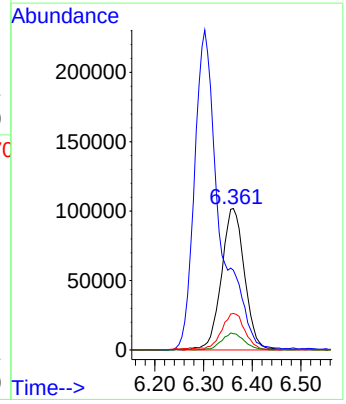


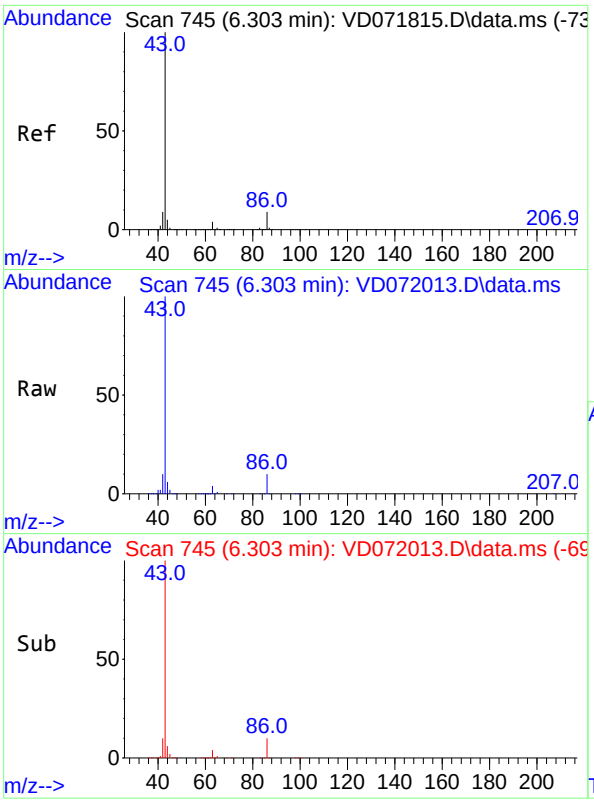




#22
Diisopropyl ether
Concen: 19.858 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 45 Resp: 336020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 55.5 | 46.6 | 70.0 |
| 87 | 25.6 | 18.4 | 27.6 |
| 59 | 11.4 | 8.6 | 13.0 |



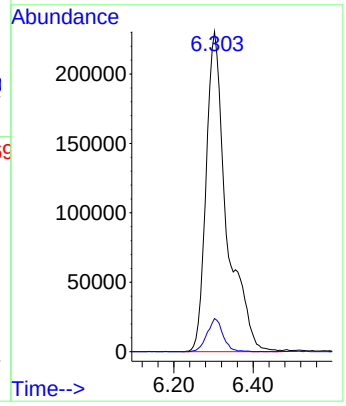


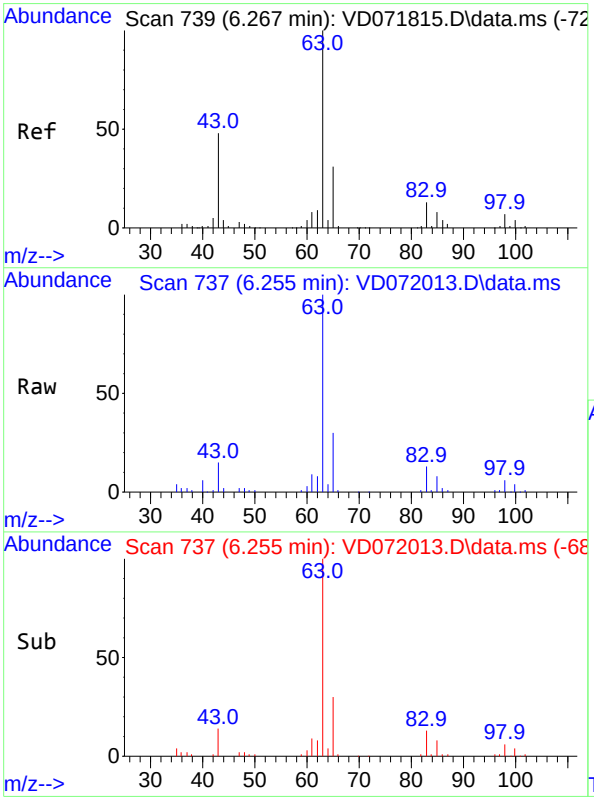

#23
Vinyl Acetate
Concen: 88.795 ug/l
RT: 6.303 min Scan# 74
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 43 Resp: 828857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.4 | 7.1 | 10.7 |

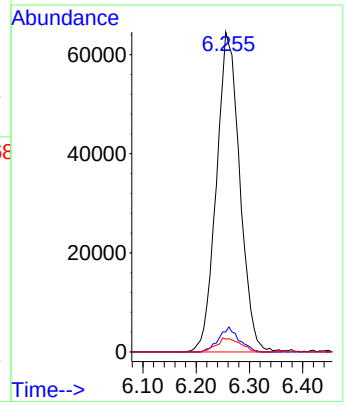


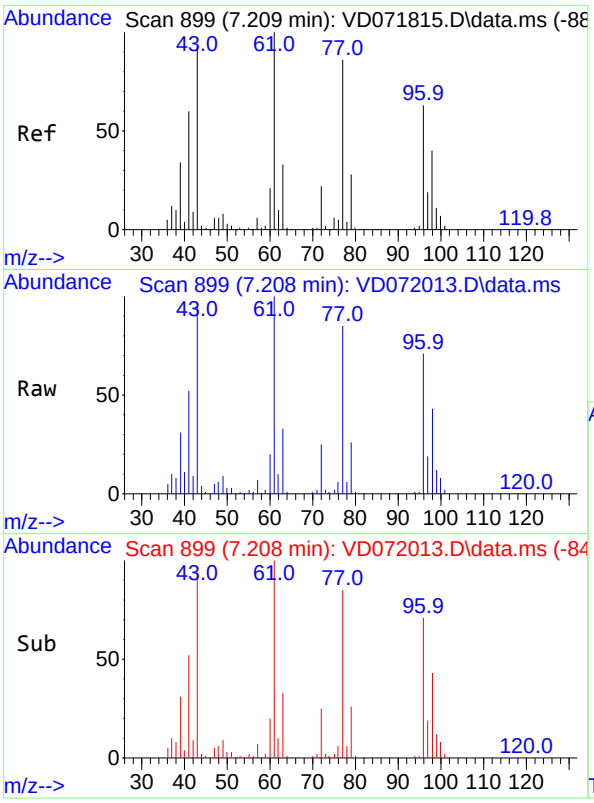




#24
1,1-Dichloroethane
Concen: 19.934 ug/l
RT: 6.255 min Scan# 737
Delta R.T. -0.012 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 63 Resp: 196600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.2 | 3.6 | 10.9 |
| 100 | 4.0 | 2.1 | 6.5 |



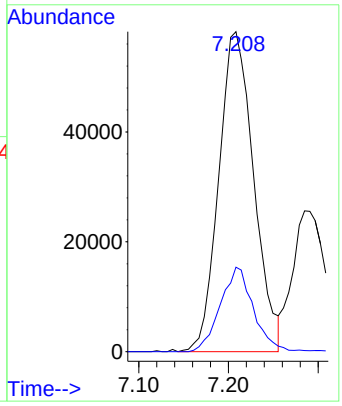


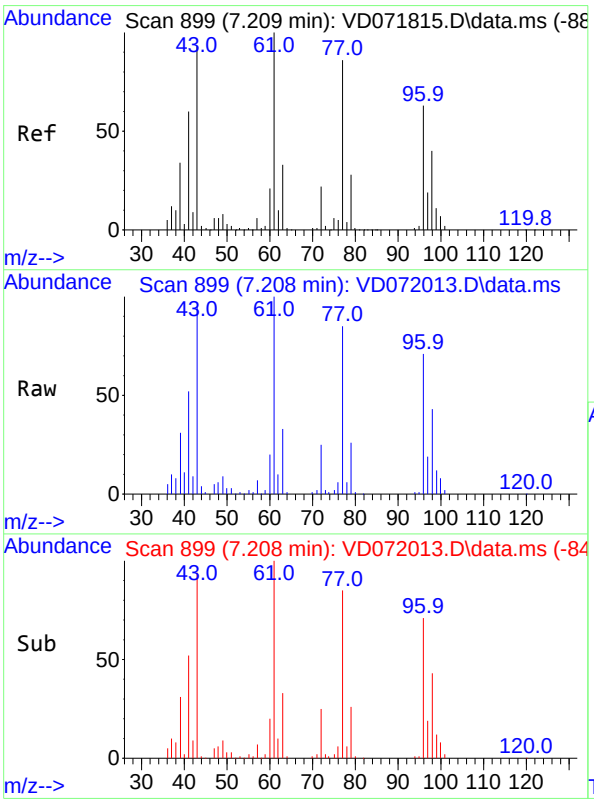

#25
2-Butanone
Concen: 94.972 ug/l
RT: 7.208 min Scan# 8
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 43 Resp: 157922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.4 | 18.6 | 27.8 |

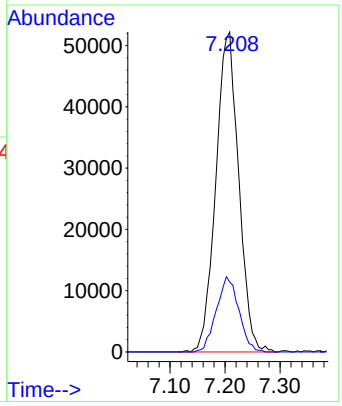


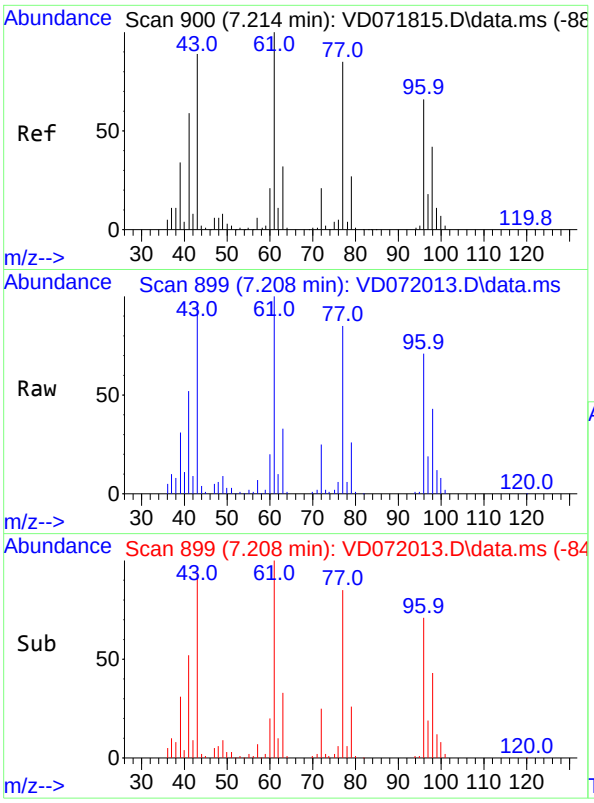




#26
2,2-Dichloropropane
Concen: 18.461 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 77 Resp: 150672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.1 | 10.8 | 32.4 |



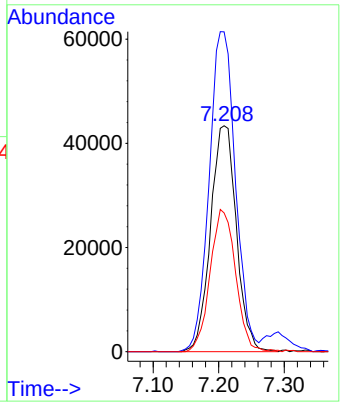


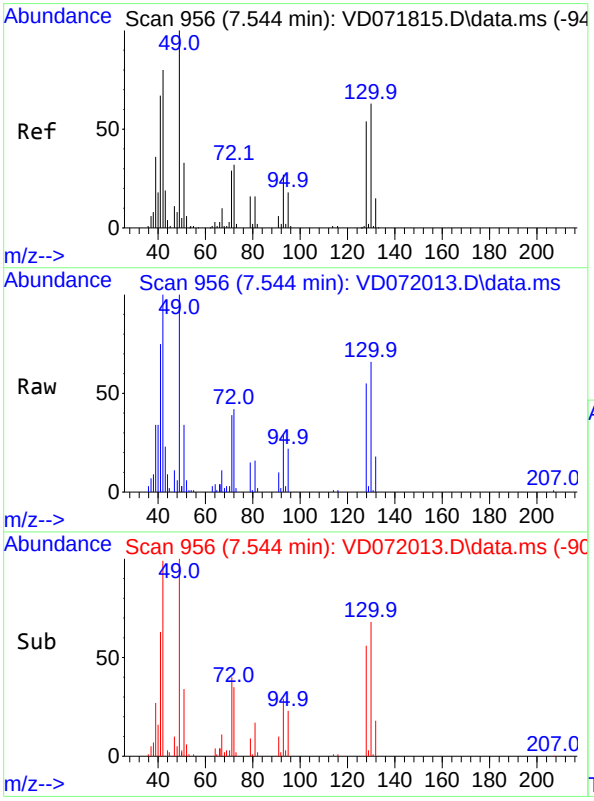

#27
cis-1,2-Dichloroethene
Concen: 20.939 ug/l
RT: 7.208 min Scan# 8
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 96 Resp: 118582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 144.2 | 0.0 | 313.8 |
| 98 | 61.9 | 0.0 | 128.8 |

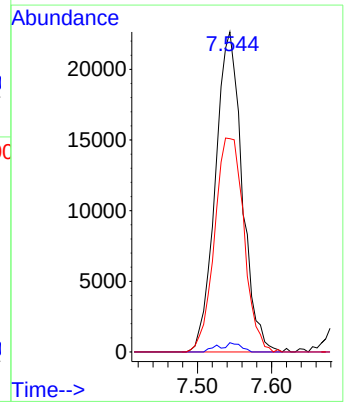


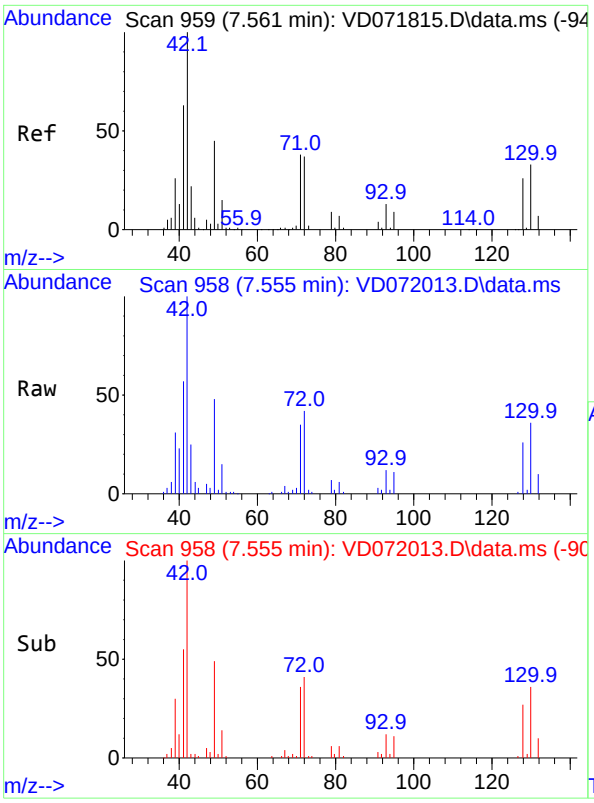




#28
Bromochloromethane
Concen: 15.282 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 49 Resp: 56848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.6 | 0.0 | 4.0 |
| 130 | 73.4 | 52.6 | 79.0 |



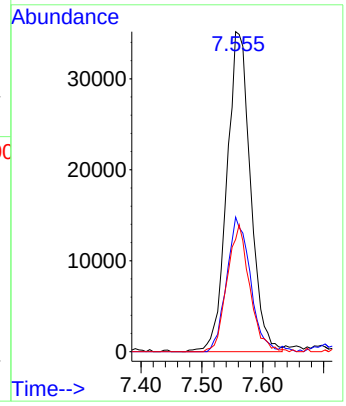


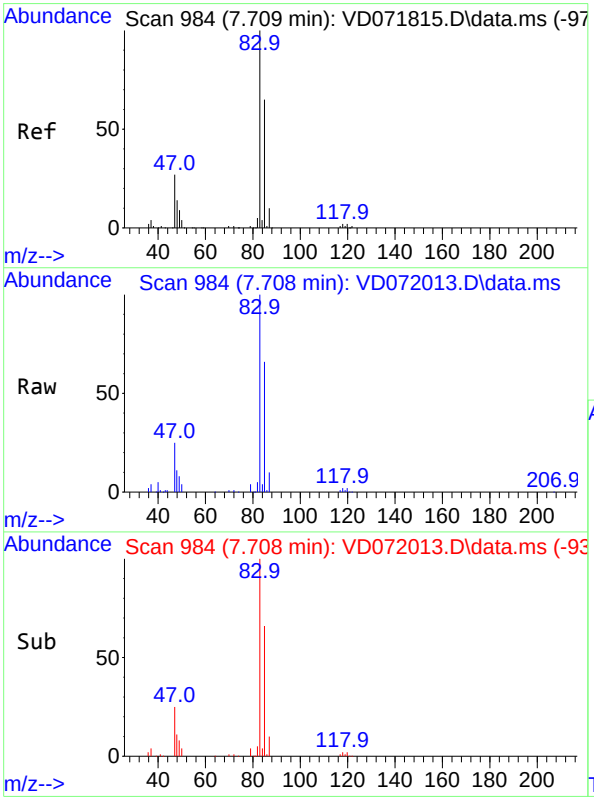

#29
Tetrahydrofuran
Concen: 96.516 ug/l
RT: 7.555 min Scan# 9
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 42 Resp: 94960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 41.8 | 30.7 | 46.1 |
| 71 | 37.9 | 28.6 | 43.0 |

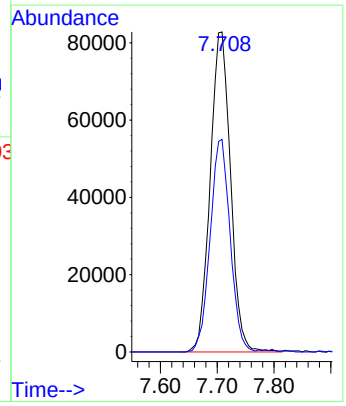


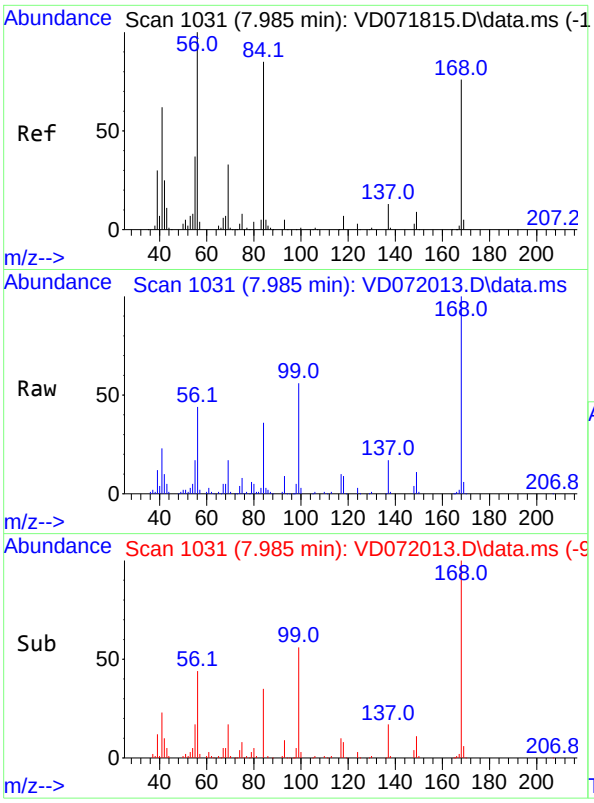




#30
Chloroform
Concen: 20.394 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 83 Resp: 205488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.5 | 52.7 | 79.1 |



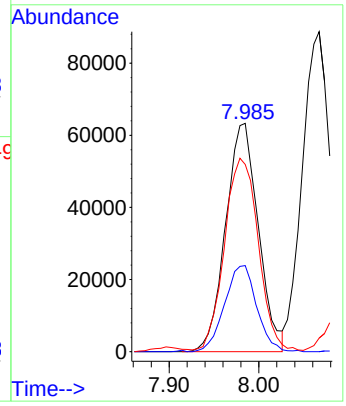


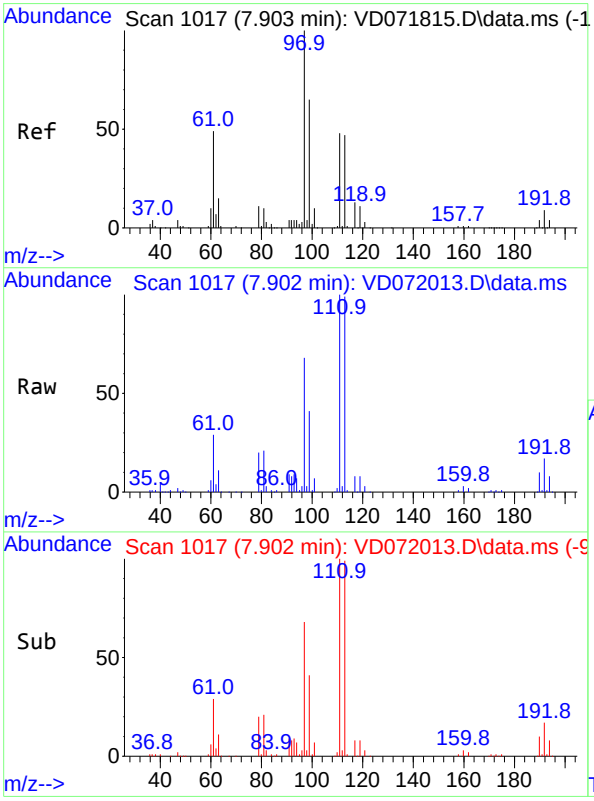

#31
Cyclohexane
Concen: 16.111 ug/l
RT: 7.985 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 56 Resp: 160265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 37.1 | 25.4 | 38.2 |
| 84 | 80.9 | 63.0 | 94.4 |

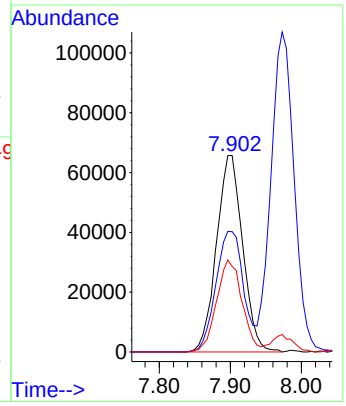


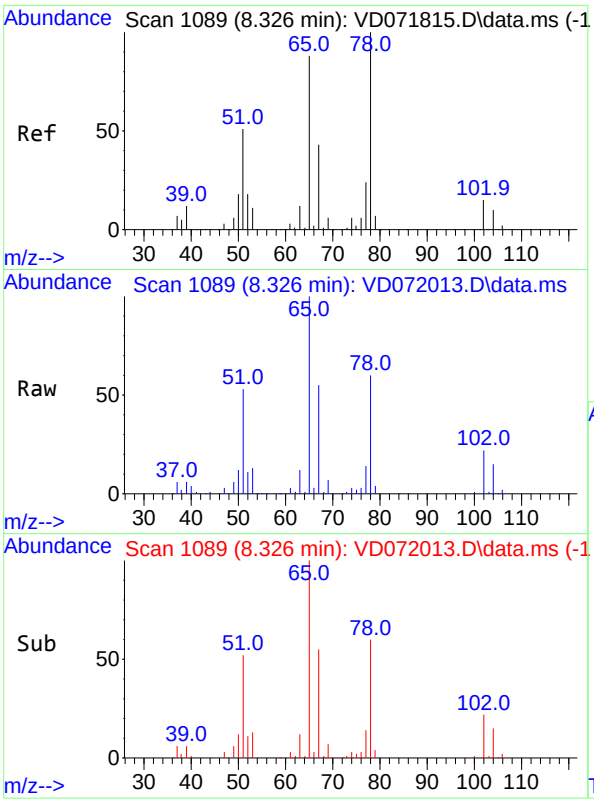




#32
1,1,1-Trichloroethane
Concen: 18.888 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 97 Resp: 167861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.7 | 52.4 | 78.6 |
| 61 | 45.6 | 38.0 | 57.0 |



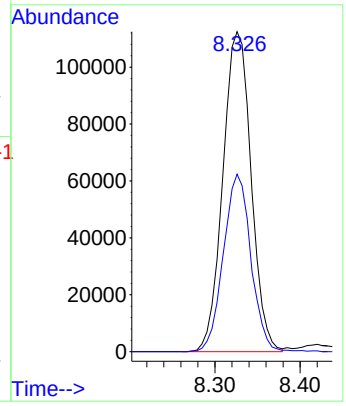


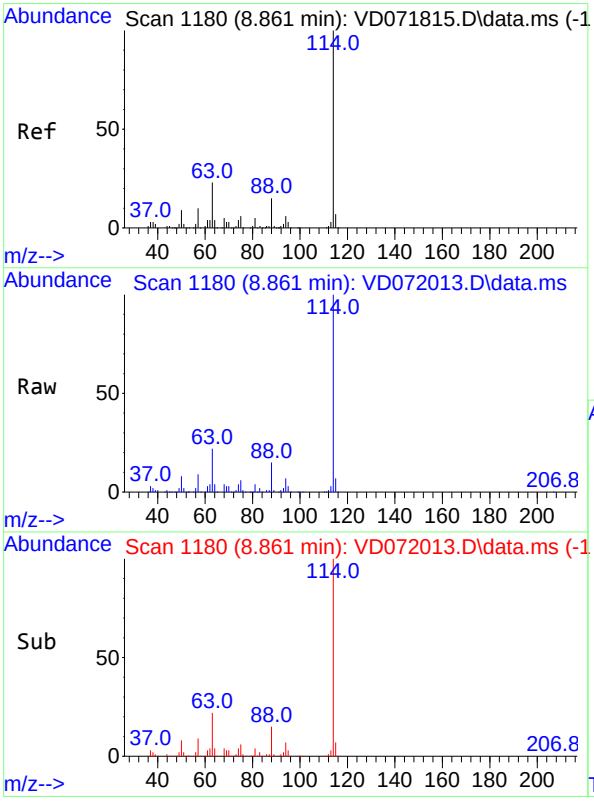

#33
1,2-Dichloroethane-d4
Concen: 49.716 ug/l
RT: 8.326 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 65 Resp: 259056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.1 | 0.0 | 101.4 |

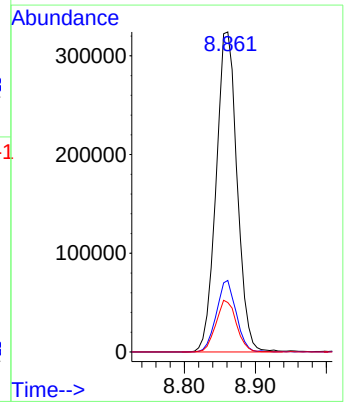


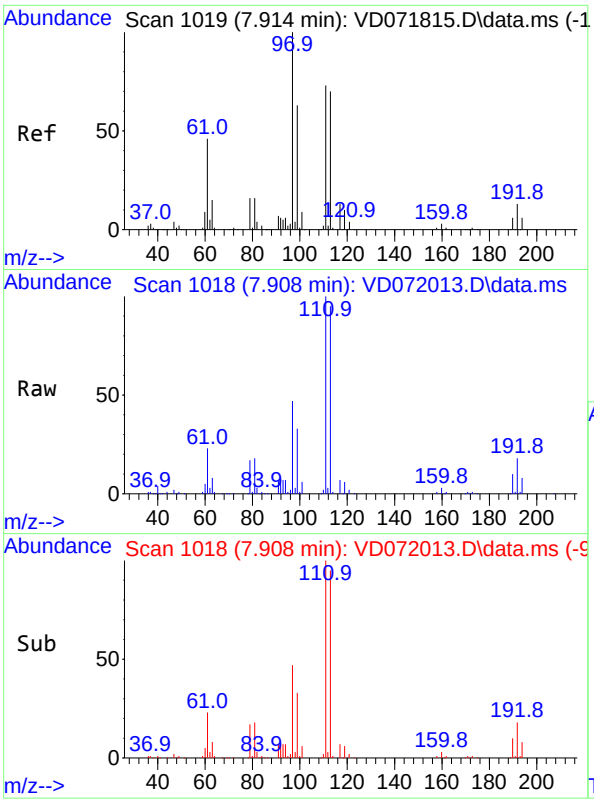




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion:114 Resp: 663986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.4 | 0.0 | 46.6 |
| 88 | 15.4 | 0.0 | 33.2 |



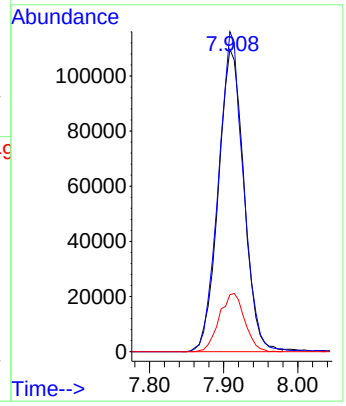


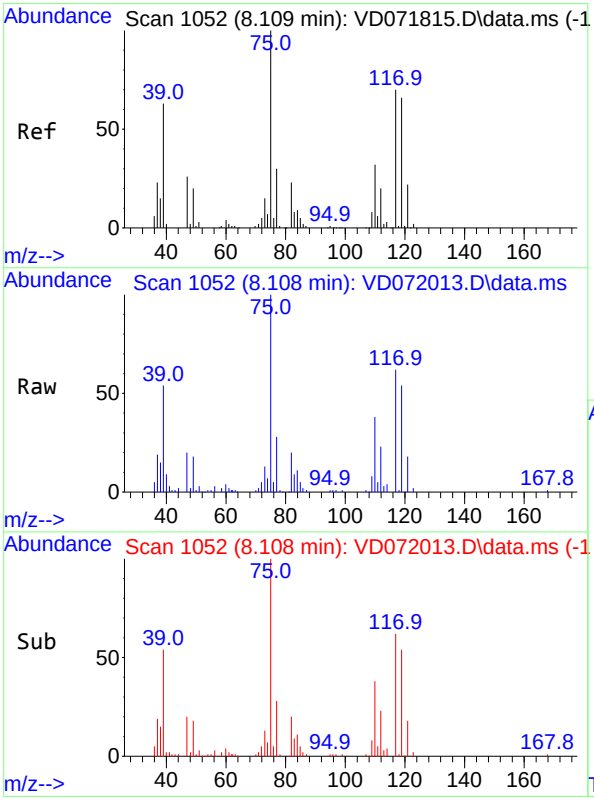

#35
Dibromofluoromethane
Concen: 60.266 ug/l
RT: 7.908 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion:113 Resp: 263037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.0 | 83.8 | 125.6 |
| 192 | 19.1 | 14.6 | 21.8 |

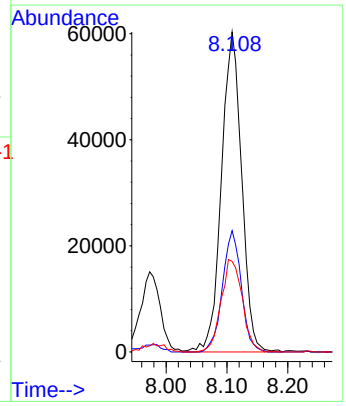


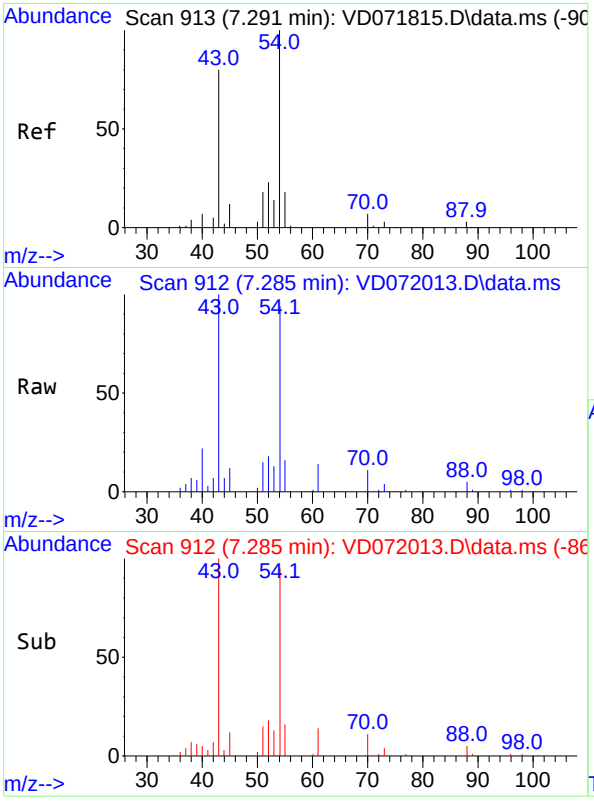




#36
1,1-Dichloropropene
Concen: 18.587 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 75 Resp: 139238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.3 | 16.4 | 49.1 |
| 77 | 30.2 | 24.2 | 36.2 |



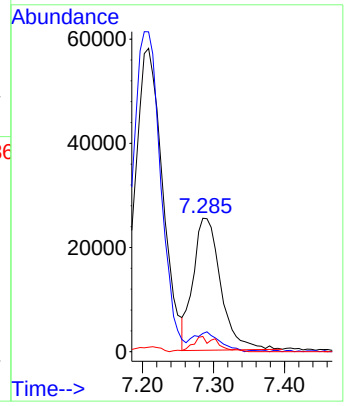


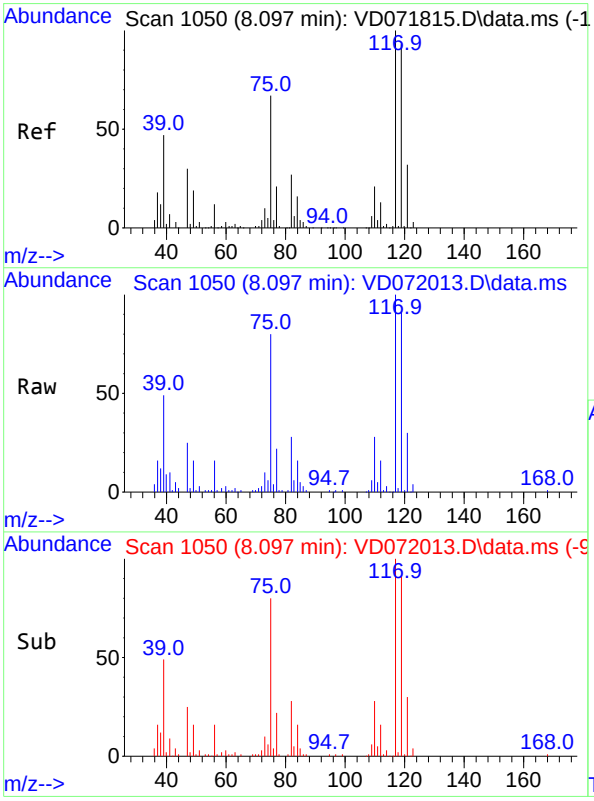

#37
Ethyl Acetate
Concen: 19.635 ug/l
RT: 7.285 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 43 Resp: 68387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.4 | 9.8 | 14.8 |
| 70 | 10.2 | 6.9 | 10.3 |

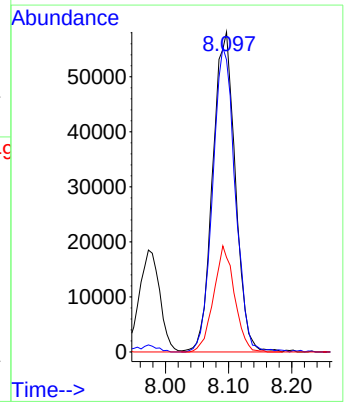


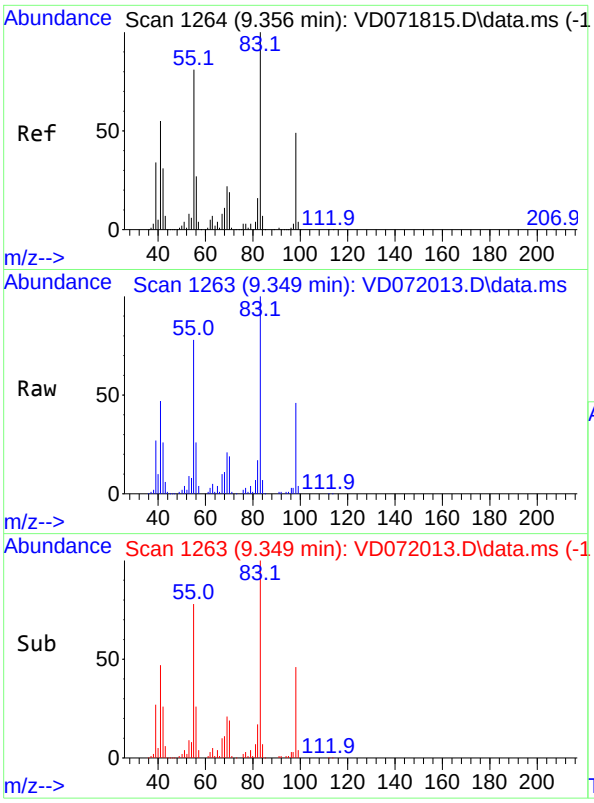




#38
Carbon Tetrachloride
Concen: 19.546 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion:117 Resp: 144798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.3 | 75.8 | 113.6 |
| 121 | 29.6 | 24.5 | 36.7 |



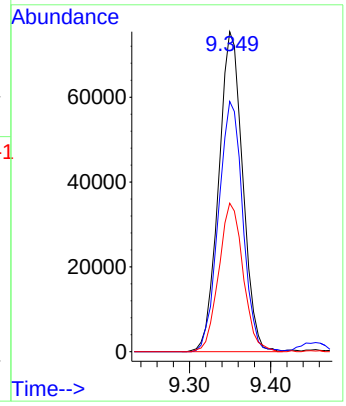


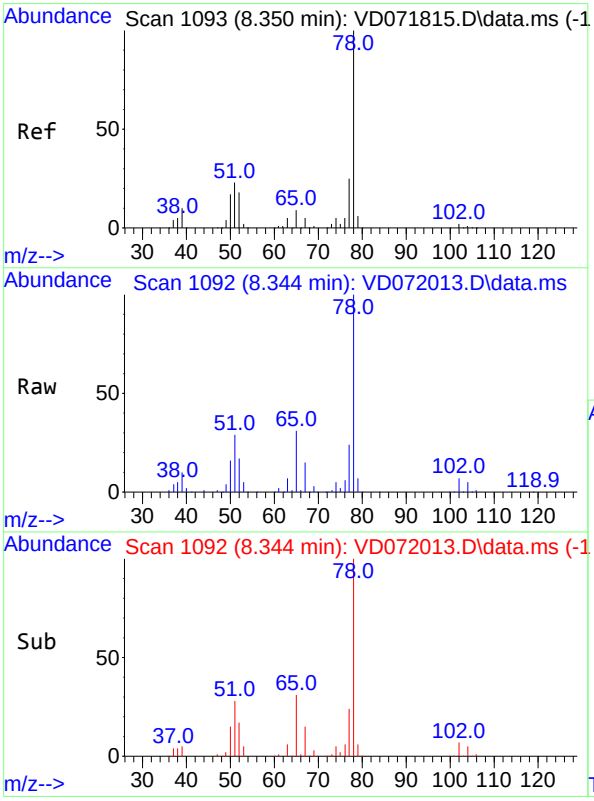

#39
Methylcyclohexane
Concen: 17.857 ug/l
RT: 9.349 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 83 Resp: 154996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 78.2 | 63.2 | 94.8 |
| 98 | 46.4 | 38.2 | 57.4 |

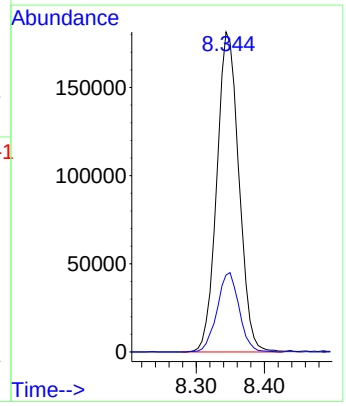


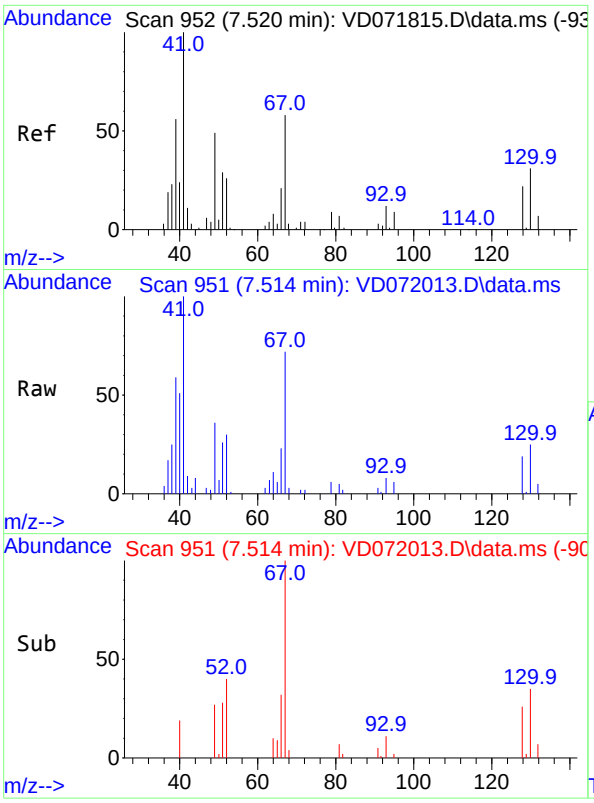




#40
Benzene
Concen: 20.227 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 78 Resp: 409025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.0 | 19.1 | 28.7 |



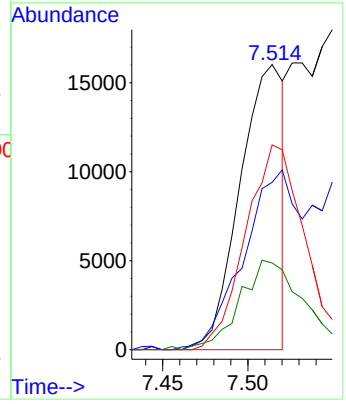


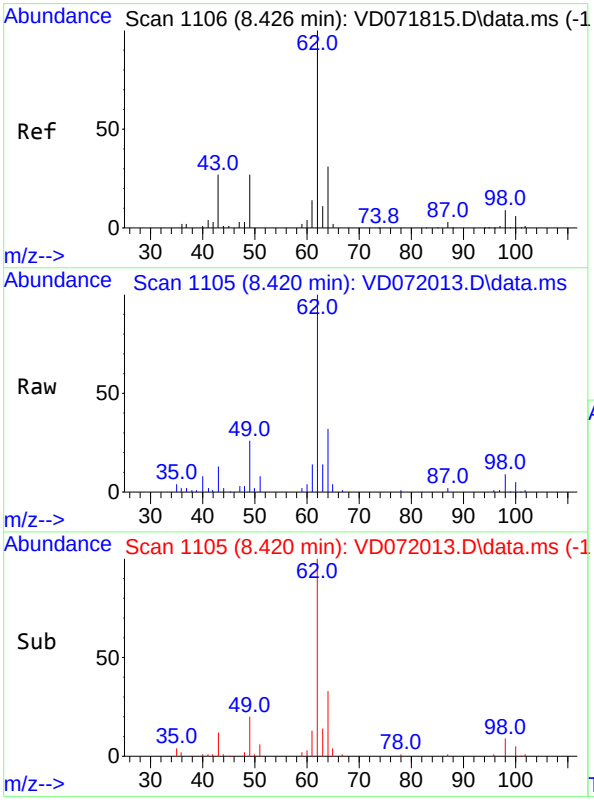

#41
Methacrylonitrile
Concen: 14.579 ug/l
RT: 7.514 min Scan# 9
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 41 Resp: 28725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 78.9 | 44.6 | 67.0# |
| 67 | 99.2 | 48.2 | 72.4# |
| 52 | 45.6 | 22.8 | 34.2# |

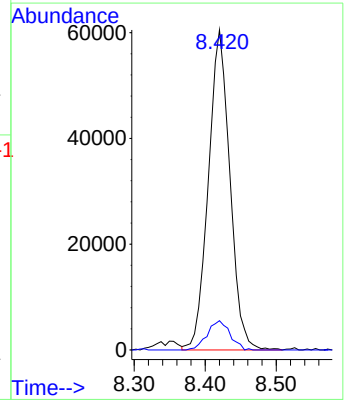


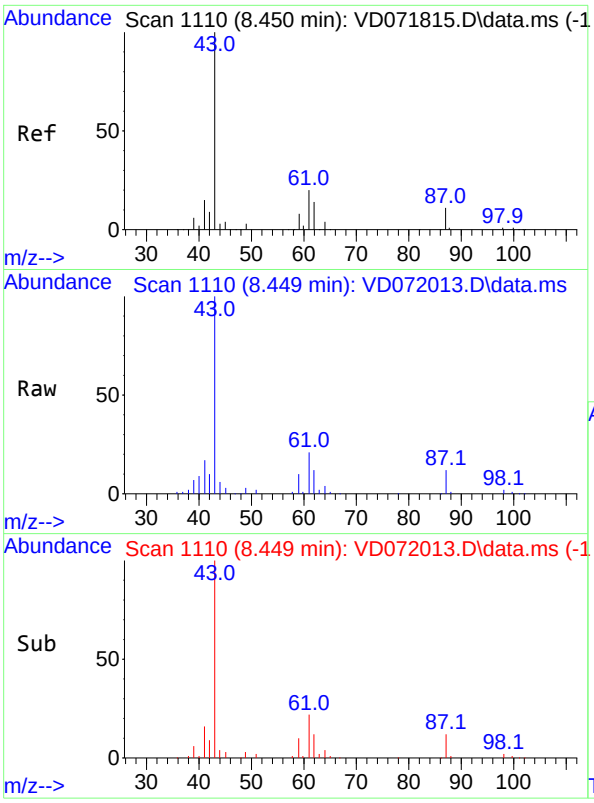




#42
1,2-Dichloroethane
Concen: 19.955 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 62 Resp: 127416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.6 | 0.0 | 17.6 |



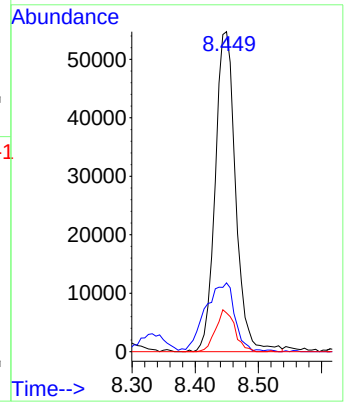


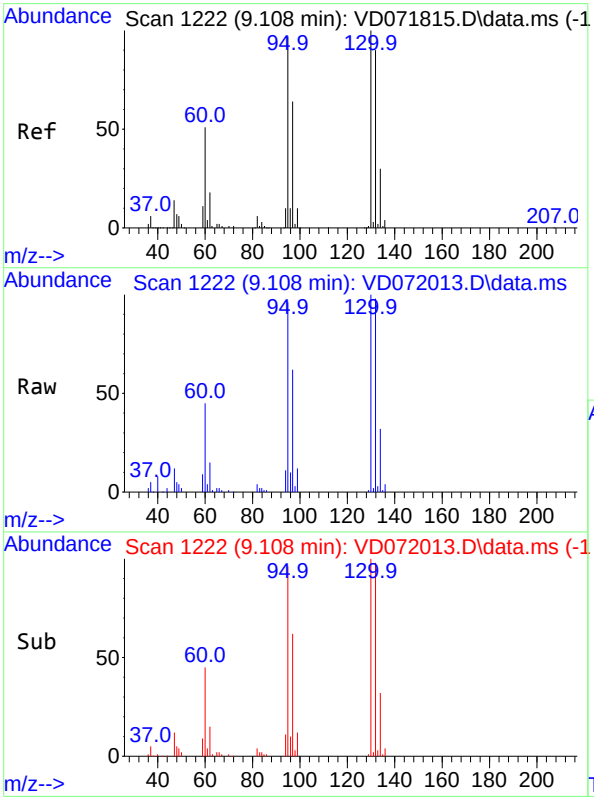

#43
Isopropyl Acetate
Concen: 19.588 ug/l
RT: 8.449 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 43 Resp: 122614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 30.4 | 22.4 | 33.6 |
| 87 | 12.3 | 8.7 | 13.1 |

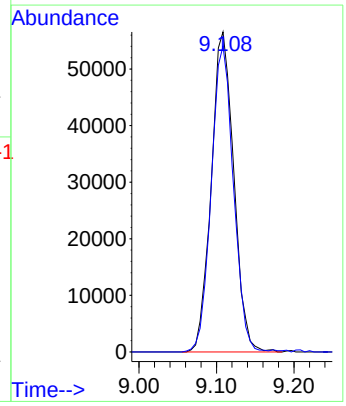


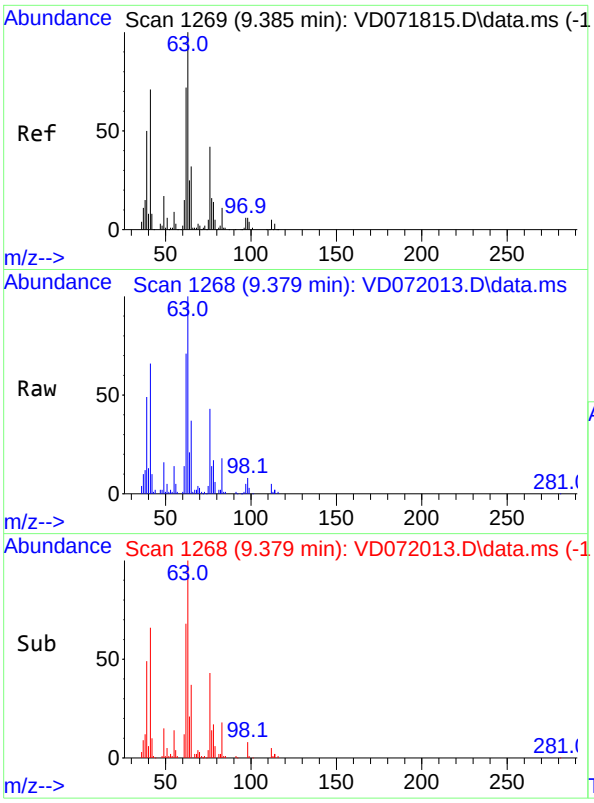




#44
Trichloroethene
Concen: 21.841 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion:130 Resp: 114032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 95.6 | 0.0 | 205.4 |



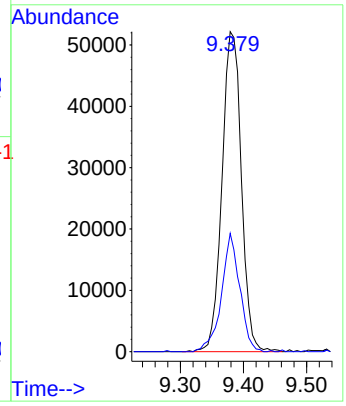


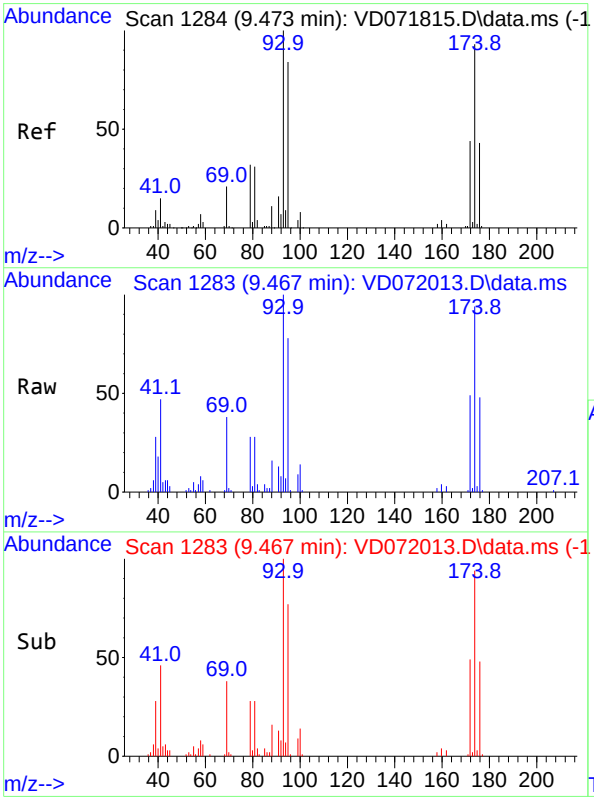

#45
1,2-Dichloropropane
Concen: 21.325 ug/l
RT: 9.379 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 63 Resp: 111190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 37.0 | 26.2 | 39.4 |

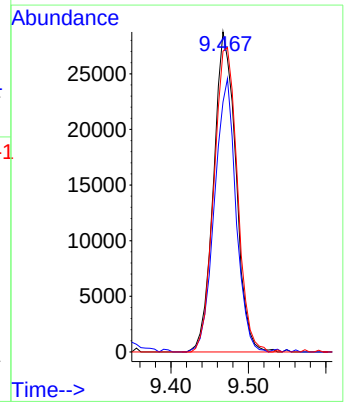


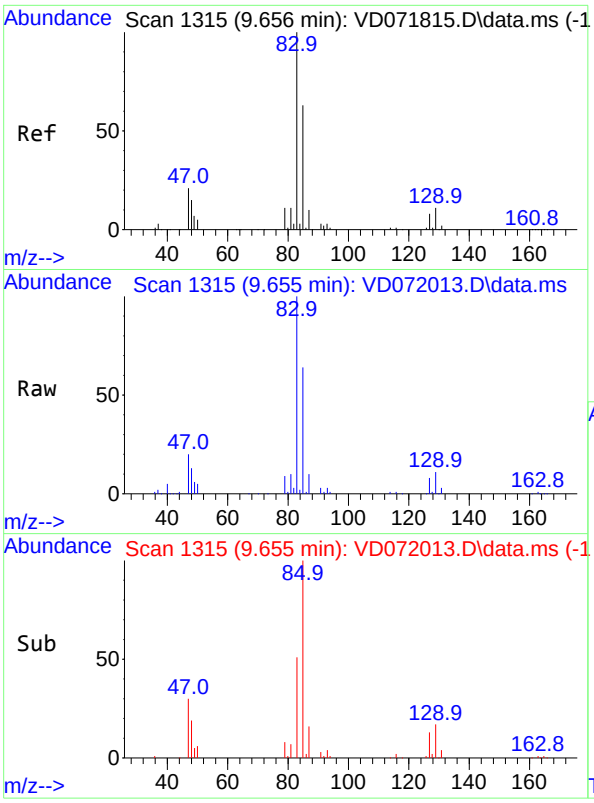




#46
Dibromomethane
Concen: 21.035 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 93 Resp: 57427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.2 | 66.7 | 100.1 |
| 174 | 99.9 | 71.6 | 107.4 |



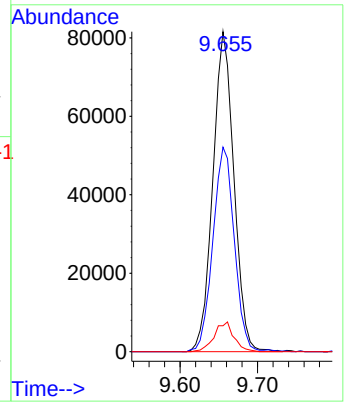


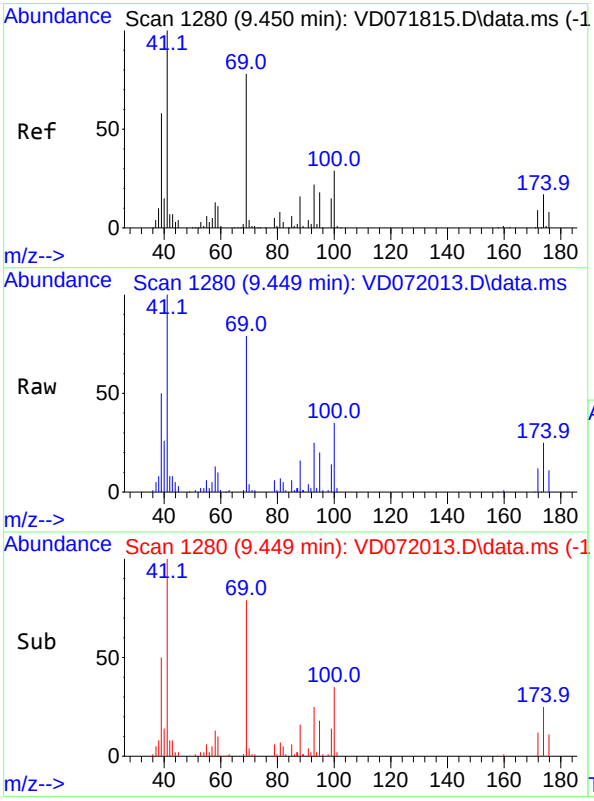

#47
Bromodichloromethane
Concen: 21.301 ug/l
RT: 9.655 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 83 Resp: 153795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.9 | 51.4 | 77.0 |
| 127 | 8.1 | 6.1 | 9.1 |

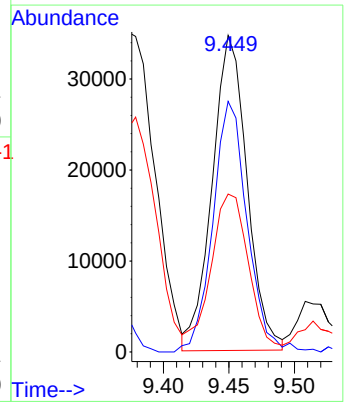


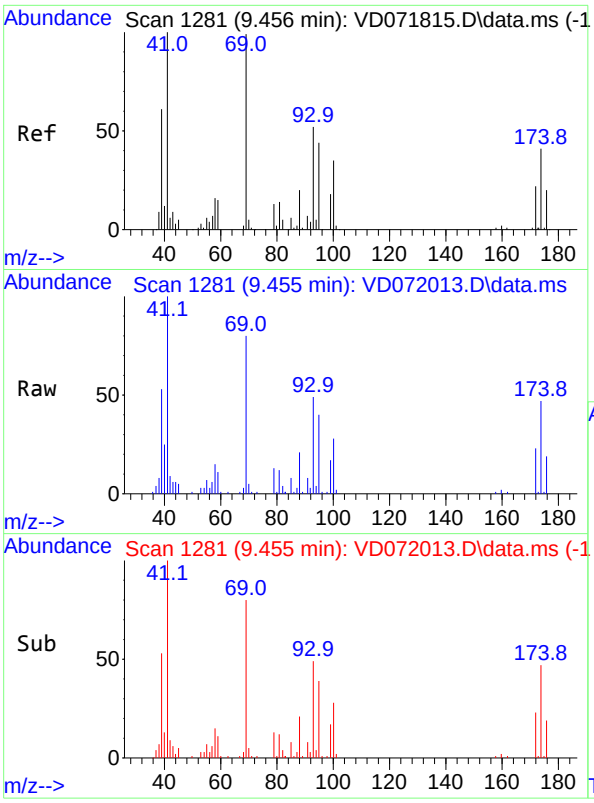




#48
Methyl methacrylate
Concen: 19.373 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 41 Resp: 64180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 78.4 | 56.7 | 85.1 |
| 39 | 52.1 | 42.7 | 64.1 |



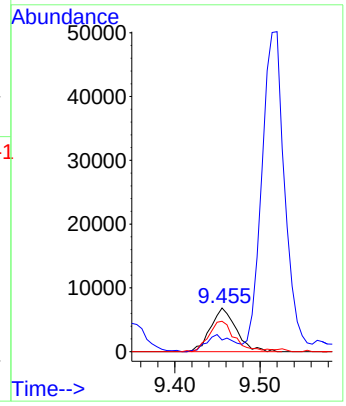


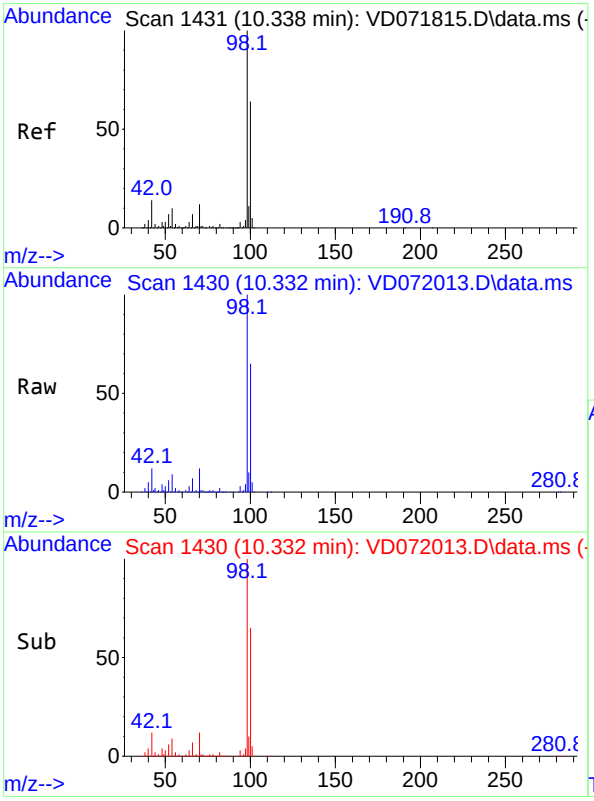

#49
1,4-Dioxane
Concen: 457.878 ug/l
RT: 9.455 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 88 Resp: 14268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 39.9 | 31.0 | 46.4 |
| 58 | 71.3 | 58.1 | 87.1 |

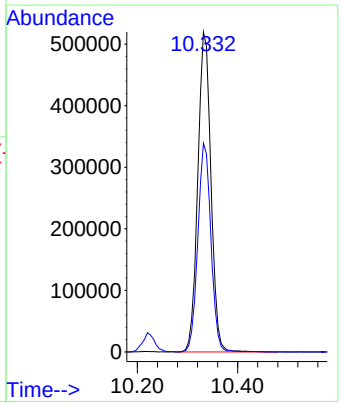


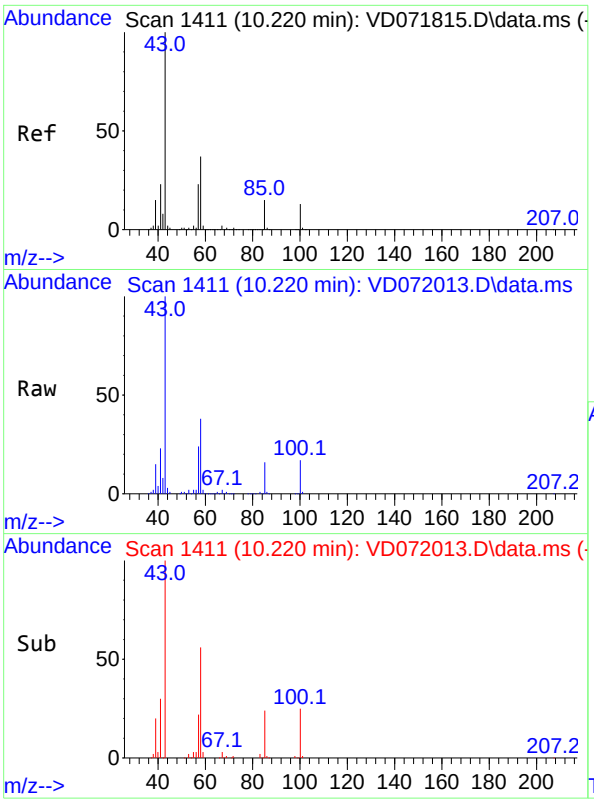




#50
Toluene-d8
Concen: 57.967 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 98 Resp: 944876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.0 | 52.4 | 78.6 |



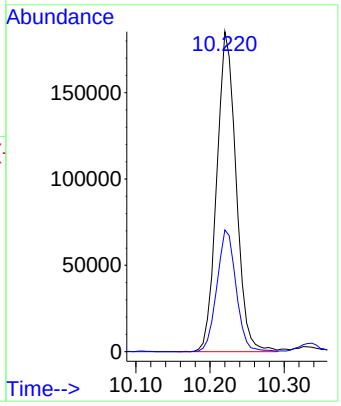


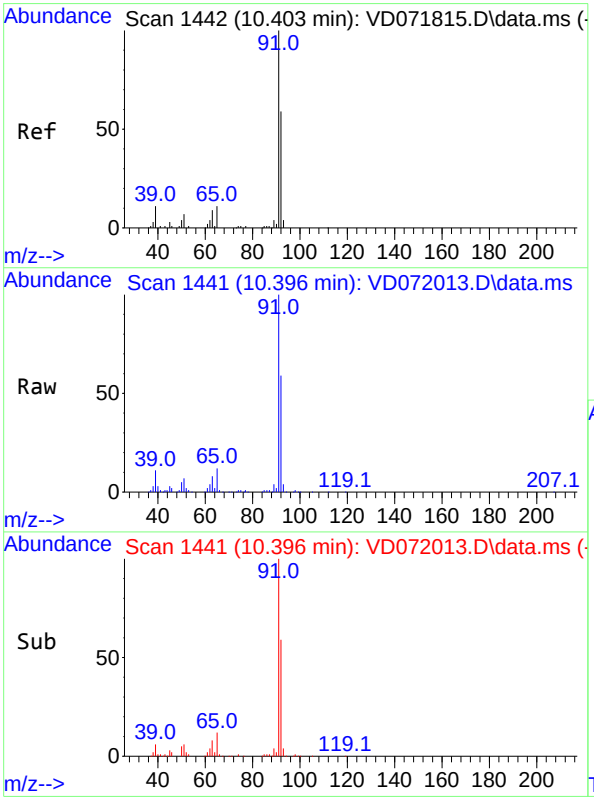

#51
4-Methyl-2-Pentanone
Concen: 102.574 ug/l
RT: 10.220 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 43 Resp: 336008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.8 | 28.6 | 43.0 |

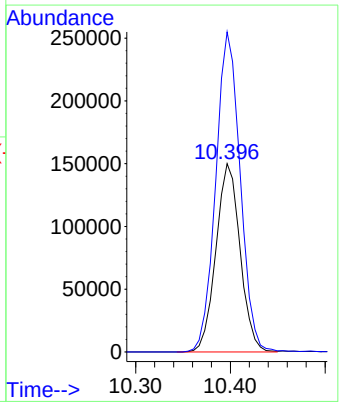


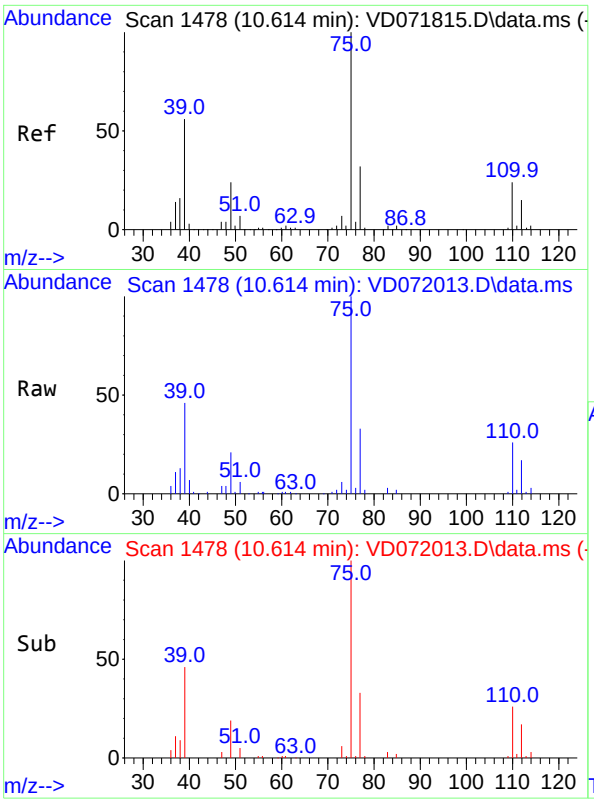




#52
Toluene
Concen: 21.126 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 92 Resp: 265642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.3 | 139.6 | 209.4 |



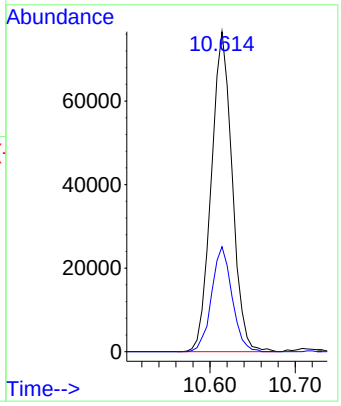


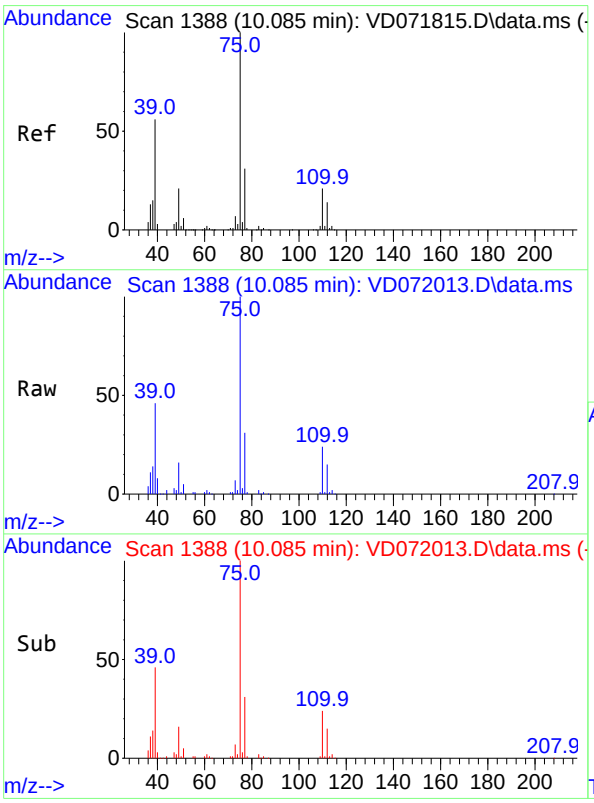

#53
t-1,3-Dichloropropene
Concen: 19.646 ug/l
RT: 10.614 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 75 Resp: 130282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.8 | 24.5 | 36.7 |

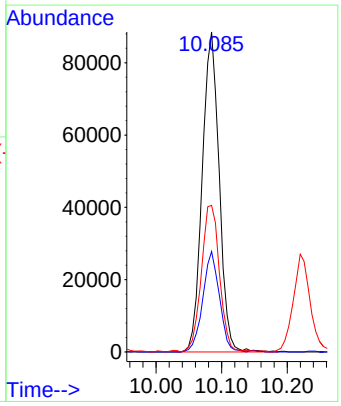


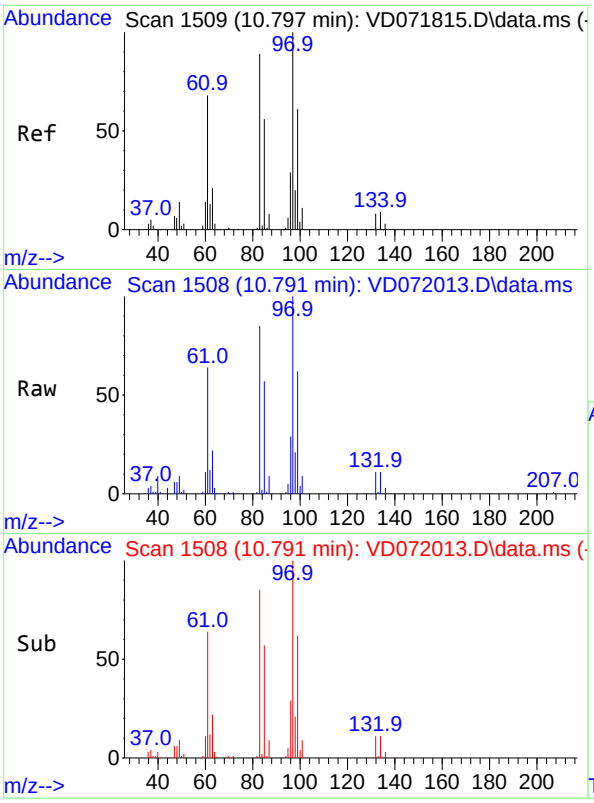




#54
cis-1,3-Dichloropropene
Concen: 20.502 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 75 Resp: 159365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 24.8 | 37.2 |
| 39 | 45.4 | 46.8 | 70.2# |



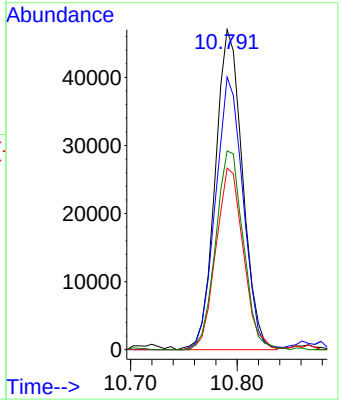


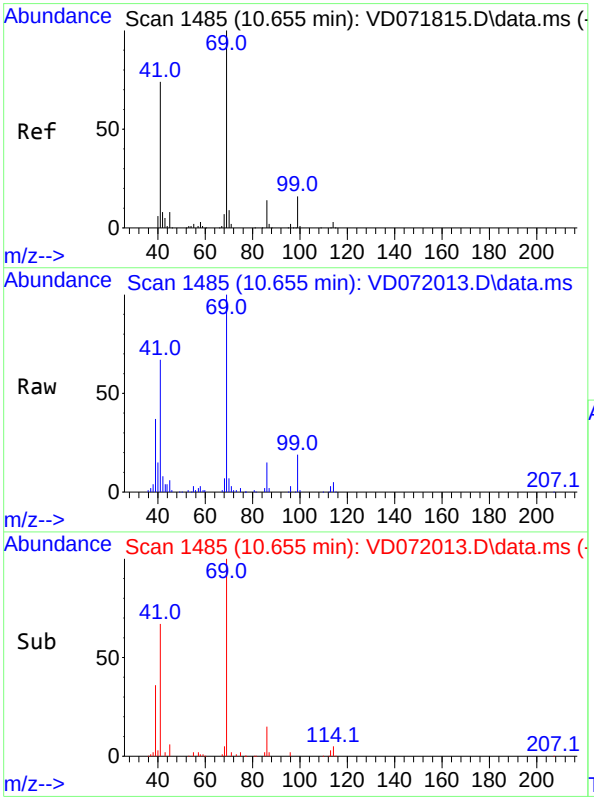

#55
1,1,2-Trichloroethane
Concen: 23.076 ug/l
RT: 10.791 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 97 Resp: 83611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.2 | 69.0 | 103.4 |
| 85 | 56.7 | 42.6 | 63.8 |
| 99 | 62.1 | 51.7 | 77.5 |

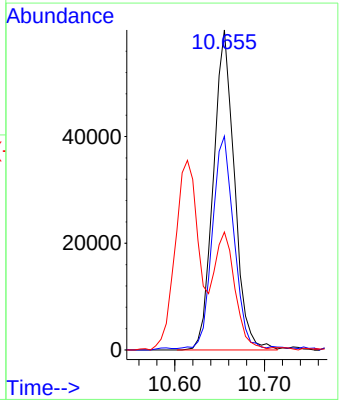


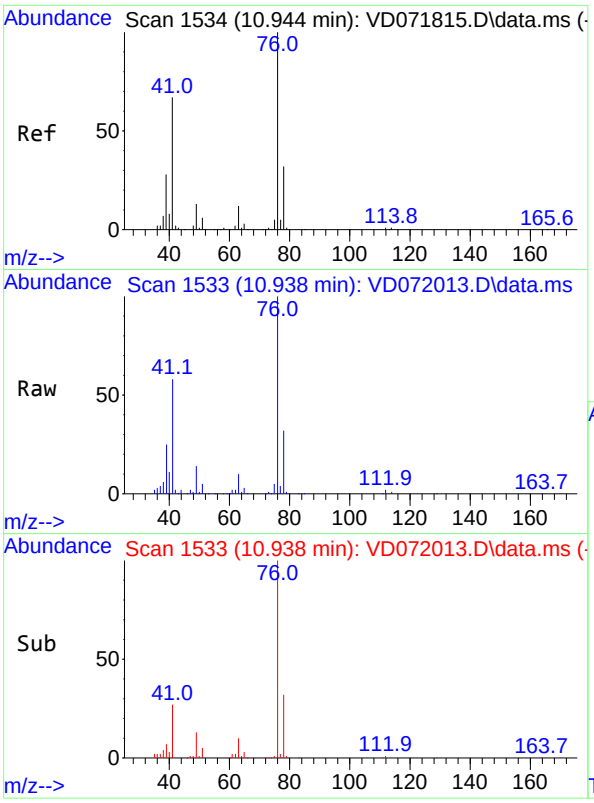




#56
Ethyl methacrylate
Concen: 21.821 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 69 Resp: 97893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 67.3 | 63.0 | 94.6 |
| 39 | 34.8 | 33.8 | 50.8 |



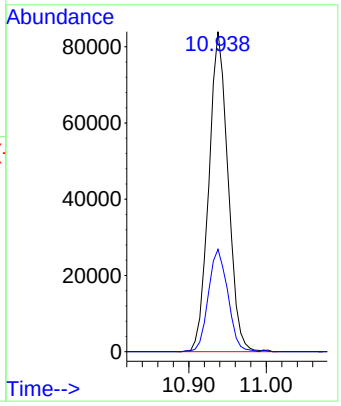


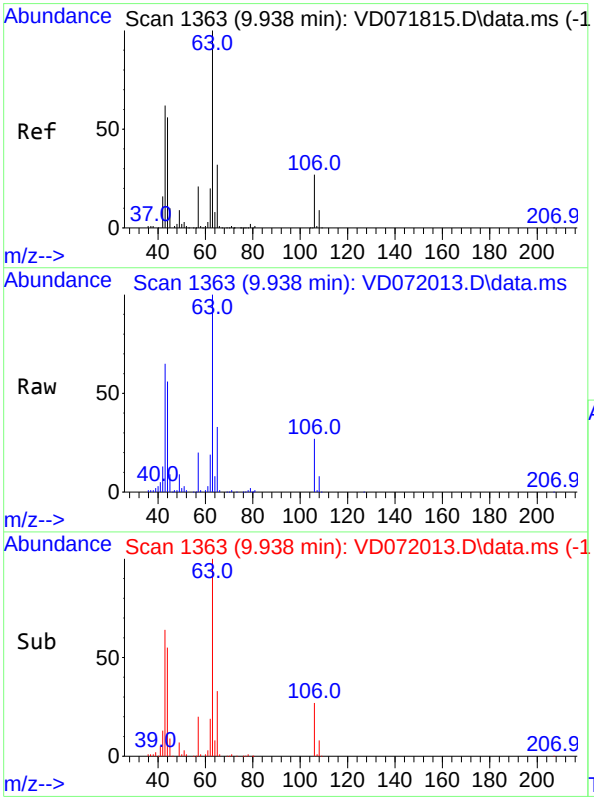

#57
1,3-Dichloropropane
Concen: 22.293 ug/l
RT: 10.938 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 76 Resp: 144206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.5 | 26.0 | 39.0 |

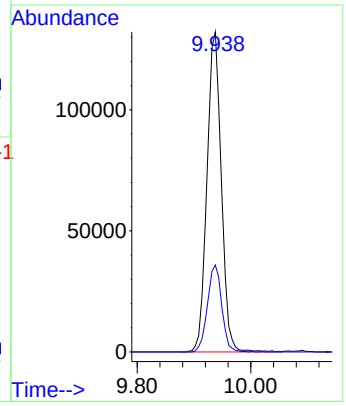


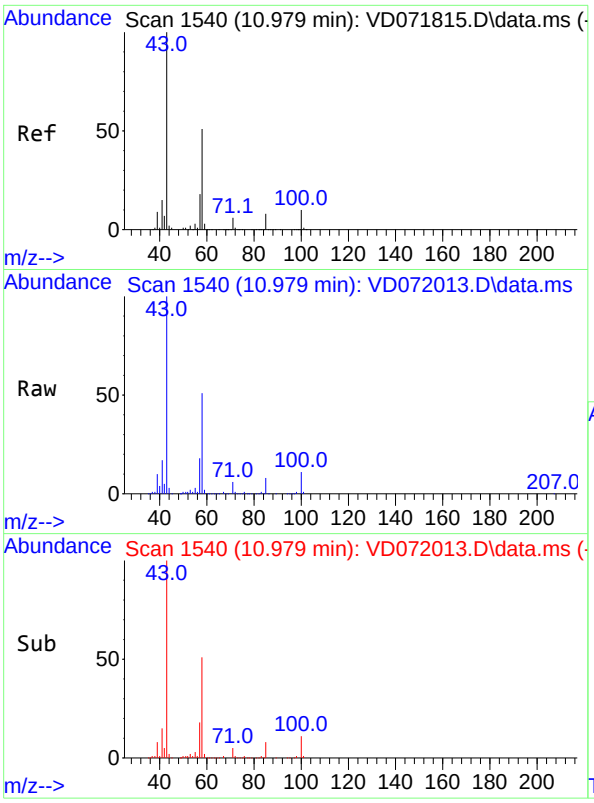




#58
2-Chloroethyl Vinyl ether
Concen: 109.435 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 63 Resp: 231108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 27.0 | 21.4 | 32.0 |



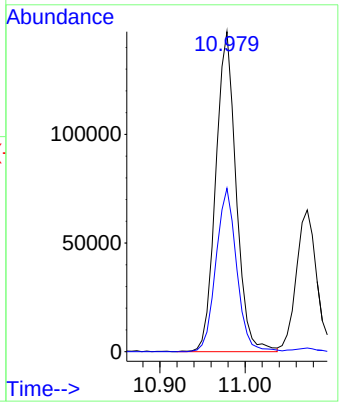


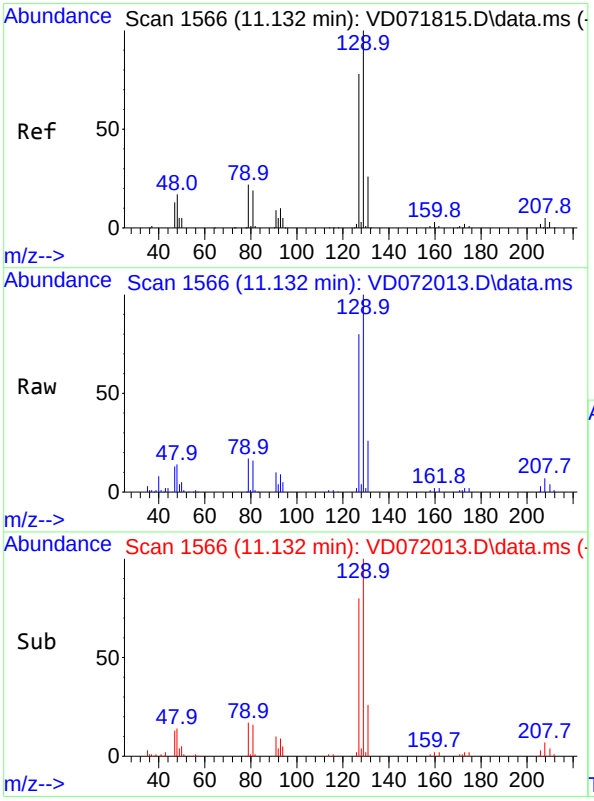

#59
2-Hexanone
Concen: 103.011 ug/l
RT: 10.979 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 43 Resp: 244917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 51.9 | 25.3 | 75.9 |

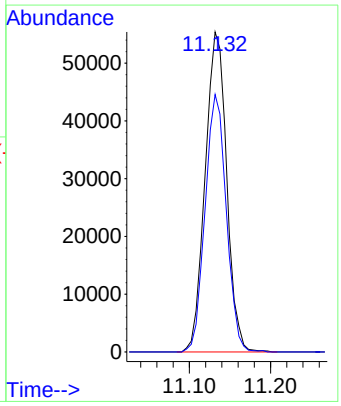


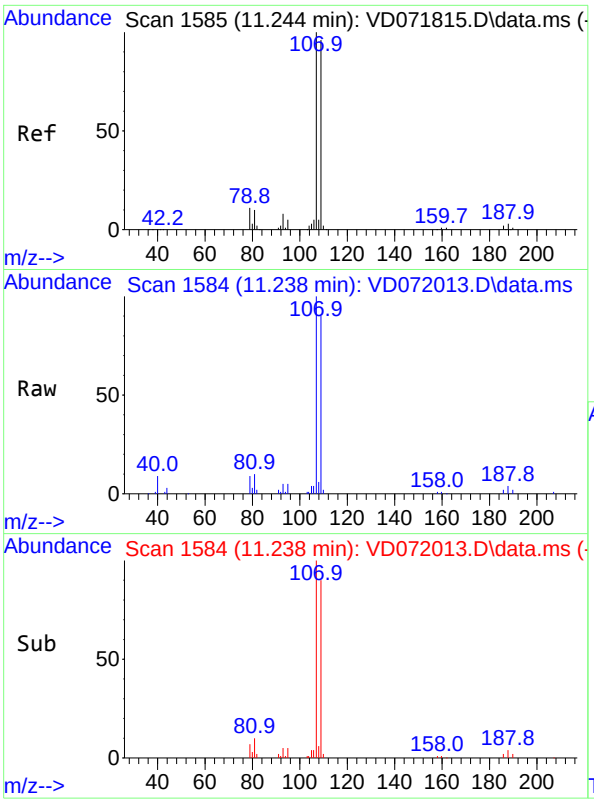




#60
Dibromochloromethane
Concen: 22.802 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion:129 Resp: 102024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 79.3 | 39.2 | 117.6 |



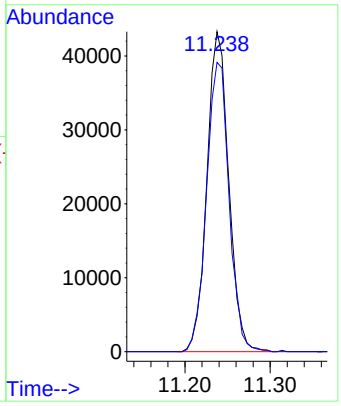


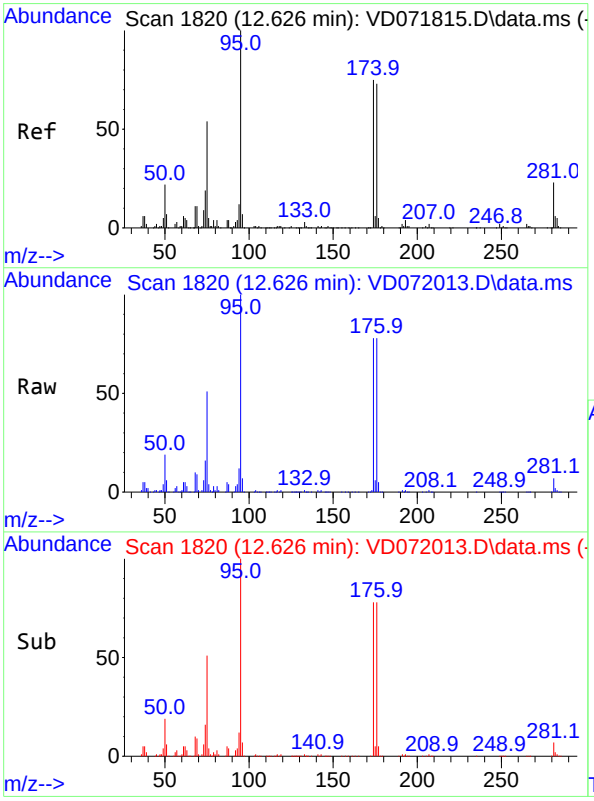

#61
1,2-Dibromoethane
Concen: 22.020 ug/l
RT: 11.238 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion:107 Resp: 76871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.7 | 74.2 | 111.4 |

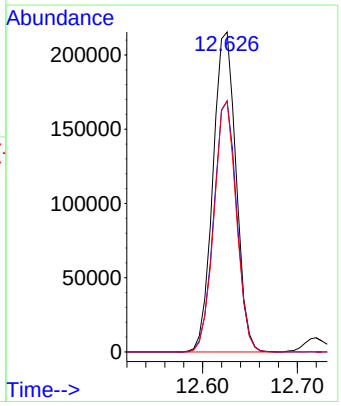


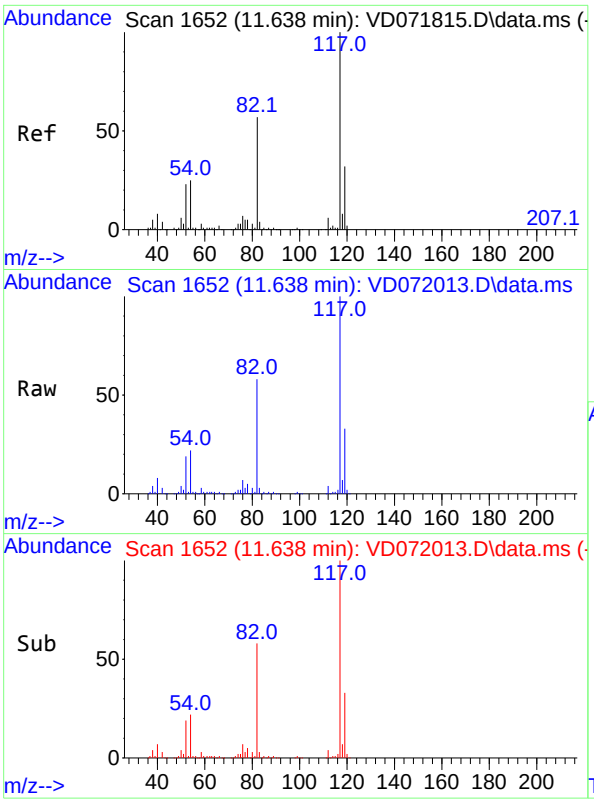




#62
4-Bromofluorobenzene
Concen: 64.107 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 95 Resp: 364914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.9 | 0.0 | 152.8 |
| 176 | 76.3 | 0.0 | 145.4 |



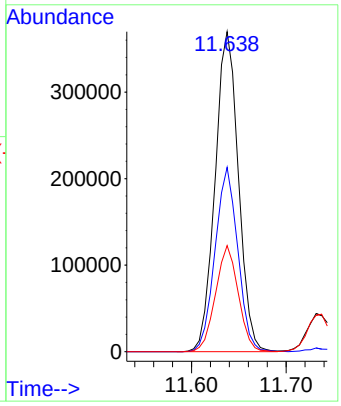


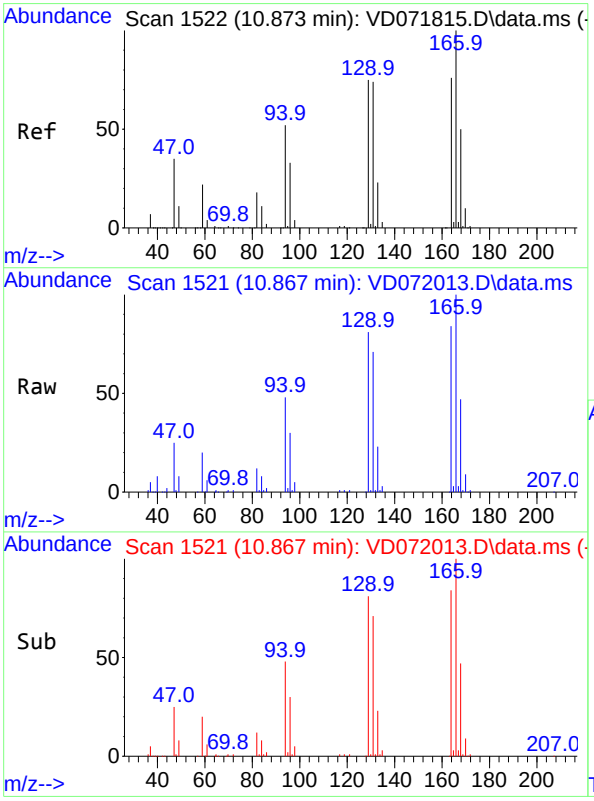

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion:117 Resp: 633796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.6 | 45.3 | 67.9 |
| 119 | 33.1 | 26.6 | 40.0 |

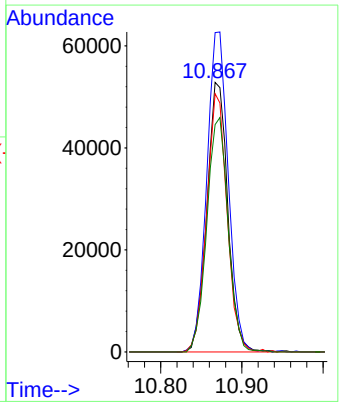


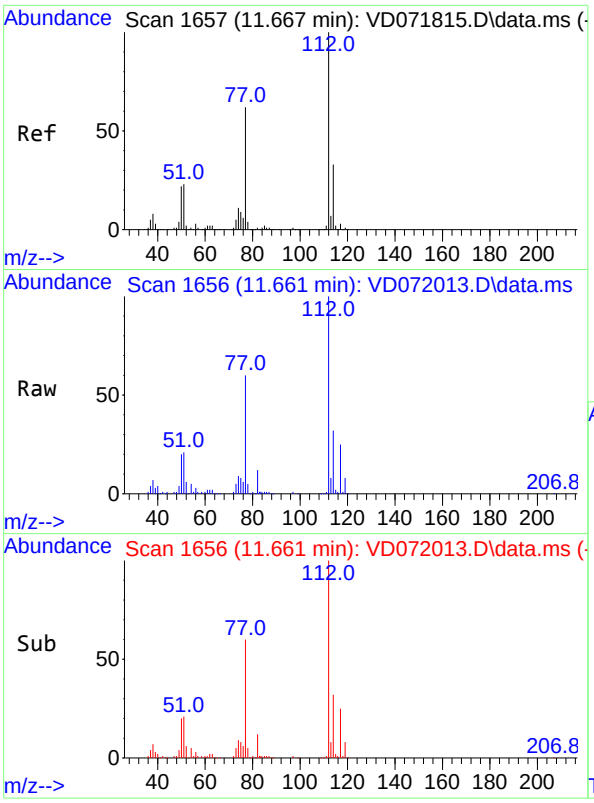




#64
Tetrachloroethene
Concen: 21.104 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion:164 Resp: 94615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 118.5 | 98.5 | 147.7 |
| 129 | 95.8 | 74.6 | 111.8 |
| 131 | 84.3 | 72.0 | 108.0 |



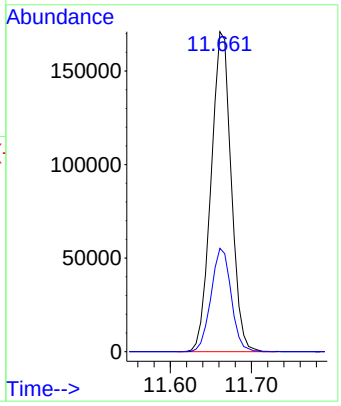


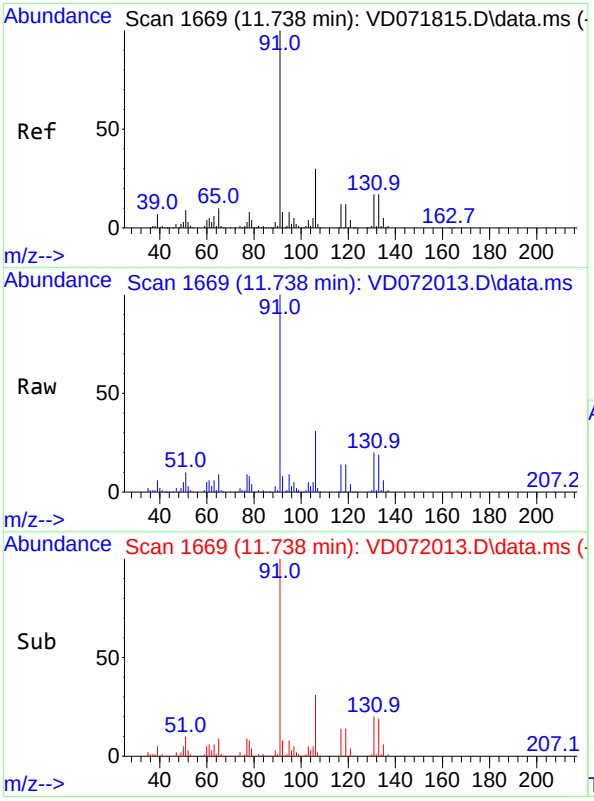

#65
Chlorobenzene
Concen: 21.904 ug/l
RT: 11.661 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion:112 Resp: 293701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.3 | 25.8 | 38.6 |

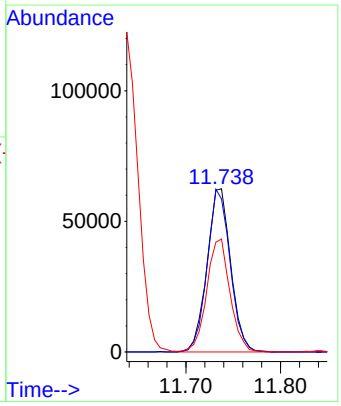


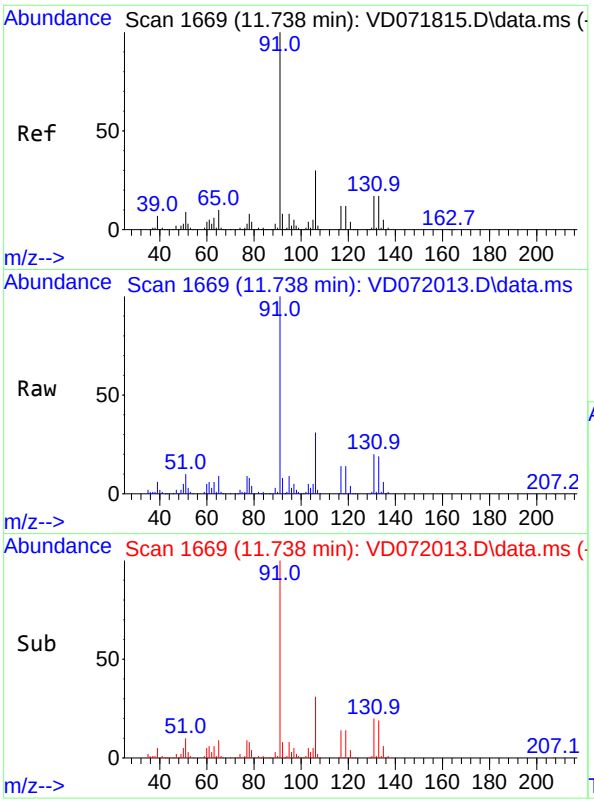




#66
1,1,1,2-Tetrachloroethane
Concen: 22.288 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion:131 Resp: 108720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.3 | 48.1 | 144.3 |
| 119 | 68.0 | 31.9 | 95.9 |



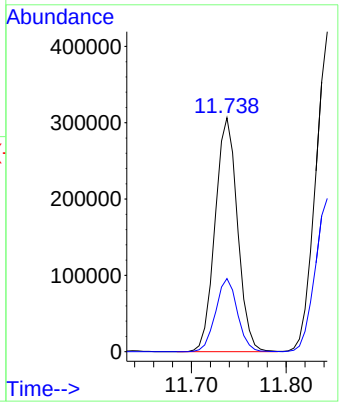


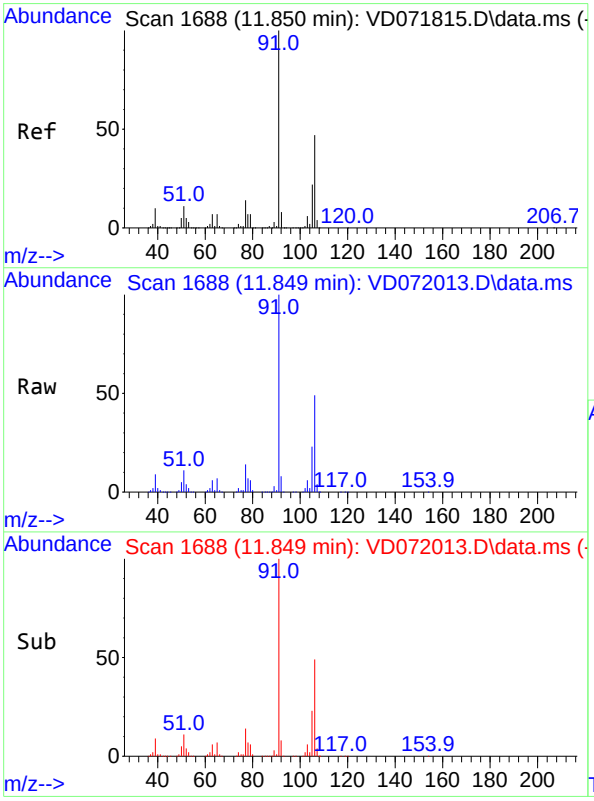

#67
Ethyl Benzene
Concen: 20.413 ug/l
RT: 11.738 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 91 Resp: 503641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.3 | 24.2 | 36.4 |

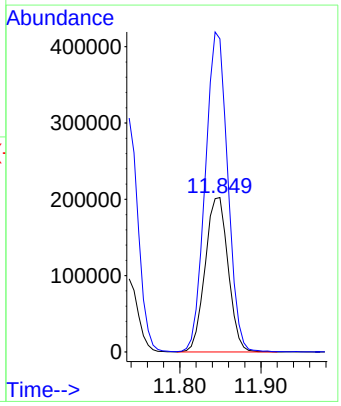


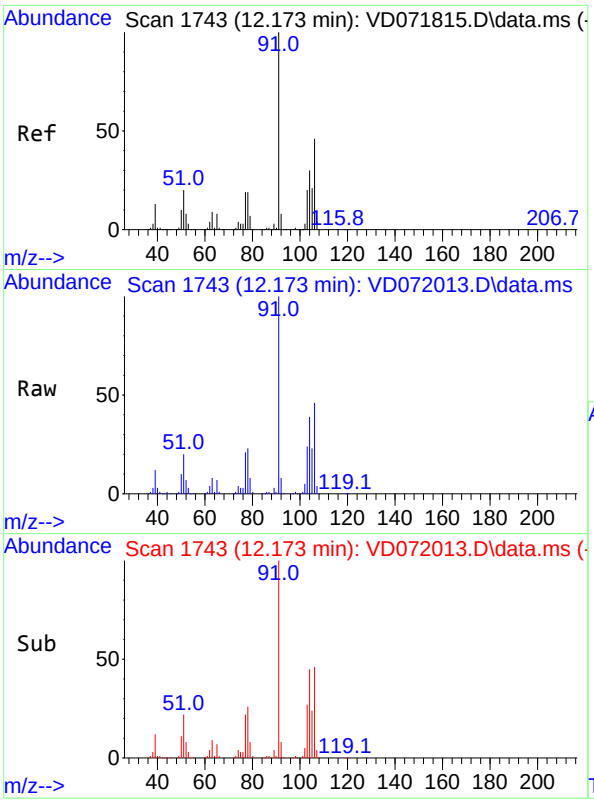




#68
m/p-Xylenes
Concen: 42.450 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion:106 Resp: 398369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 201.9 | 163.7 | 245.5 |



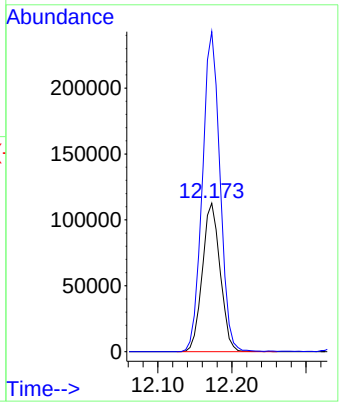


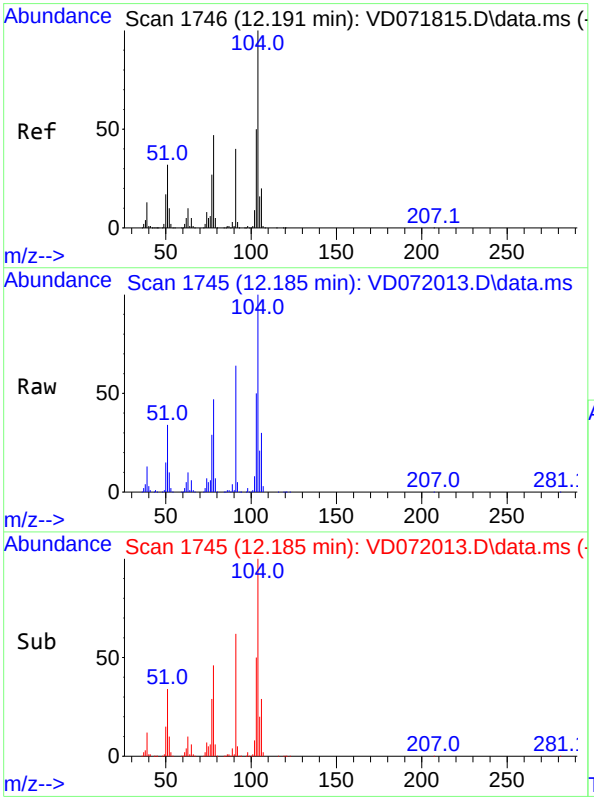

#69
o-Xylene
Concen: 22.021 ug/l
RT: 12.173 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion:106 Resp: 187799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 213.1 | 110.4 | 331.2 |

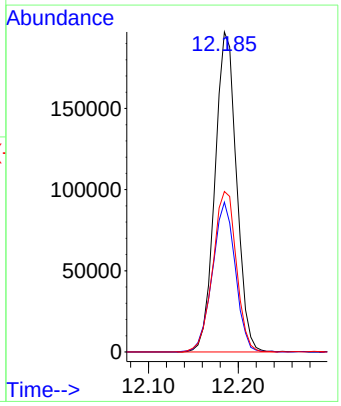


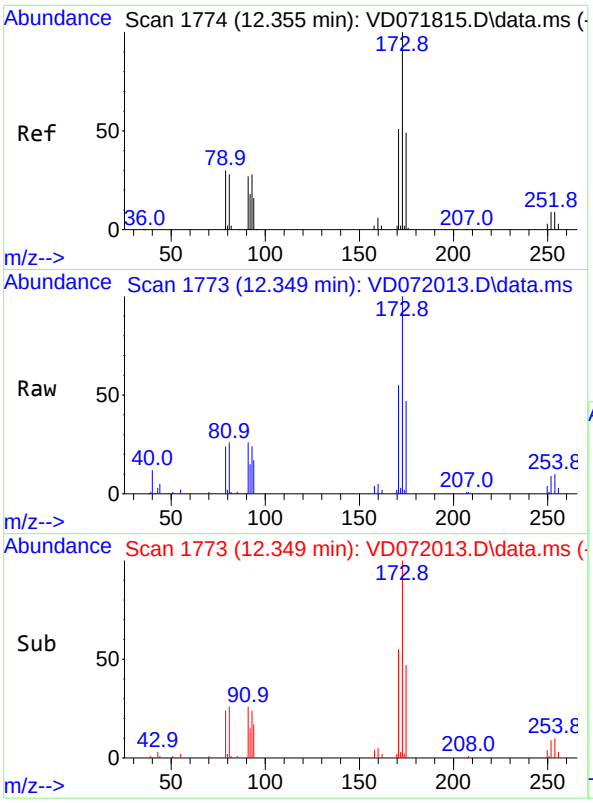




#70
Styrene
Concen: 22.425 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion:104 Resp: 329640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 49.5 | 41.8 | 62.8 |
| 103 | 54.7 | 44.2 | 66.4 |



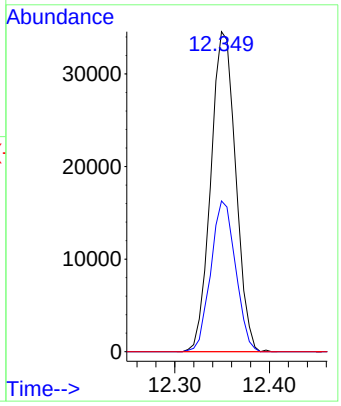


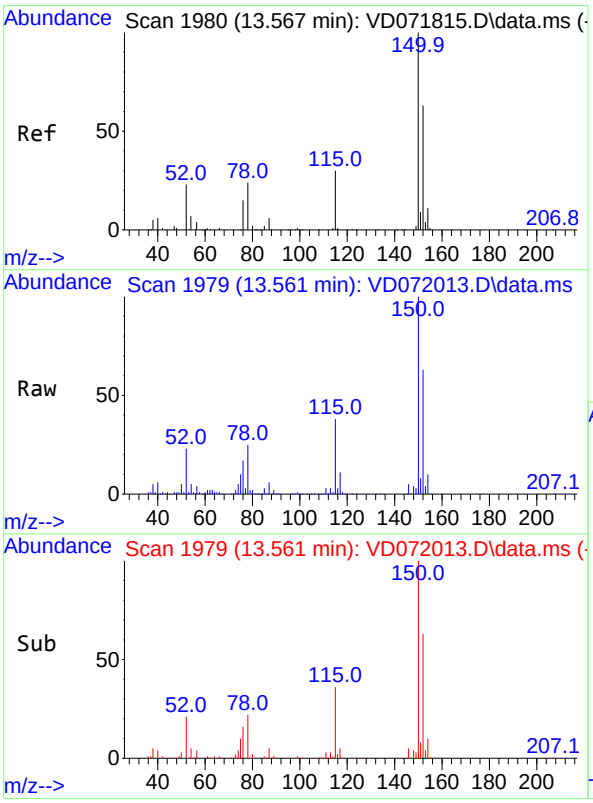

#71
Bromoform
Concen: 24.271 ug/l
RT: 12.349 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion:173 Resp: 63213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 46.9 | 23.9 | 71.8 |
| 254 | 0.0 | 0.0 | 0.0 |

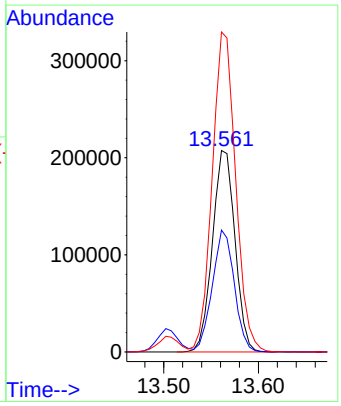


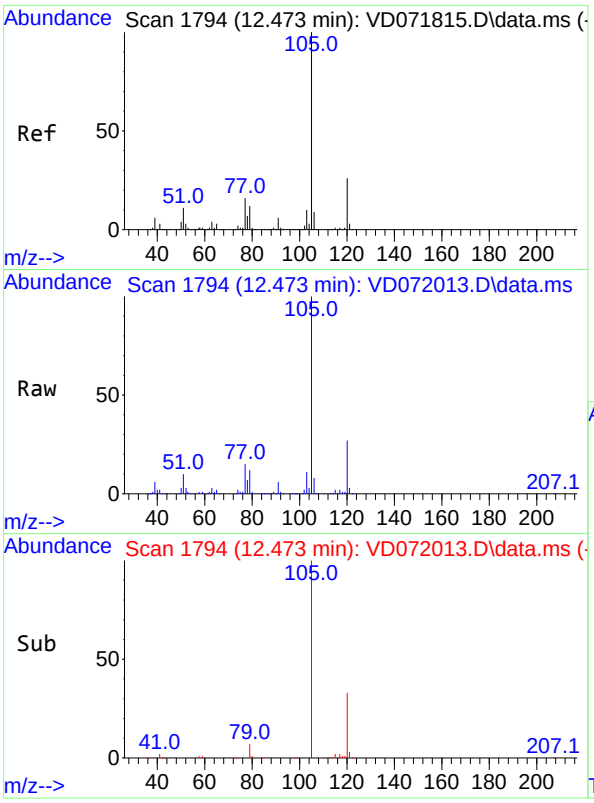




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion:152 Resp: 344082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.0 | 31.3 | 93.8 |
| 150 | 165.0 | 0.0 | 348.6 |



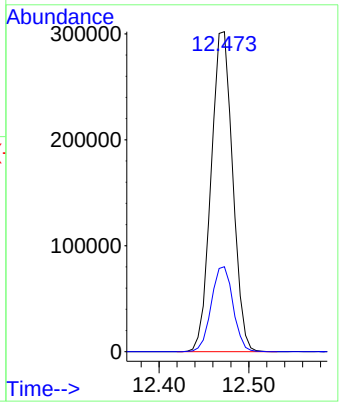


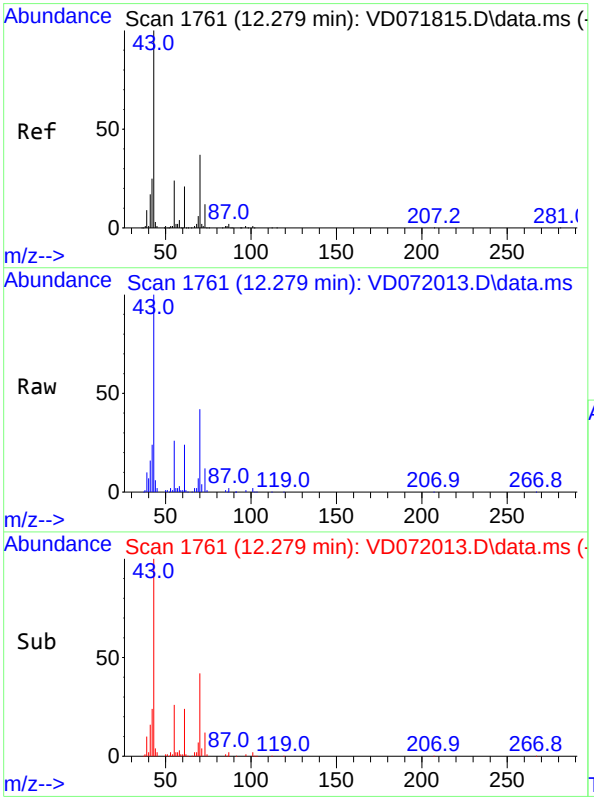

#73
Isopropylbenzene
Concen: 18.934 ug/l
RT: 12.473 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion:105 Resp: 504480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.8 | 13.0 | 38.9 |

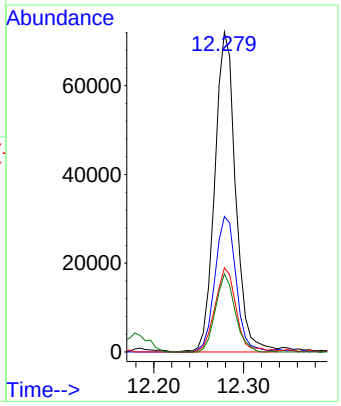


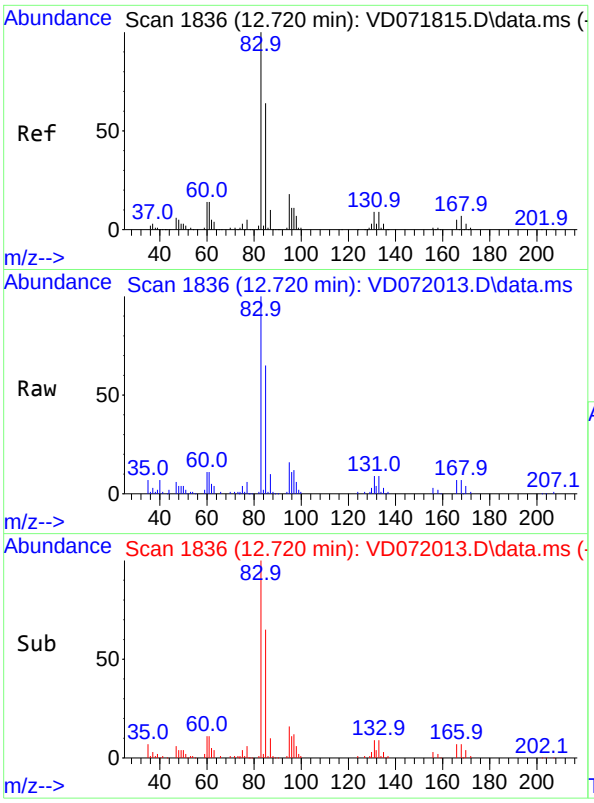




#74
N-amyl acetate
Concen: 17.788 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 43 Resp: 116551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.0 | 31.3 | 46.9 |
| 55 | 26.6 | 20.0 | 30.0 |
| 61 | 22.9 | 17.8 | 26.8 |



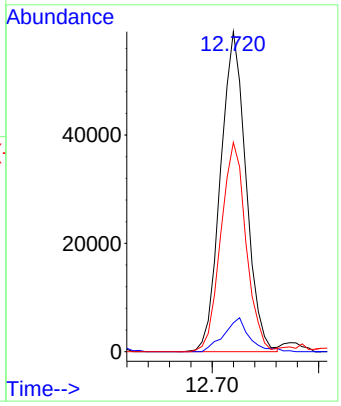


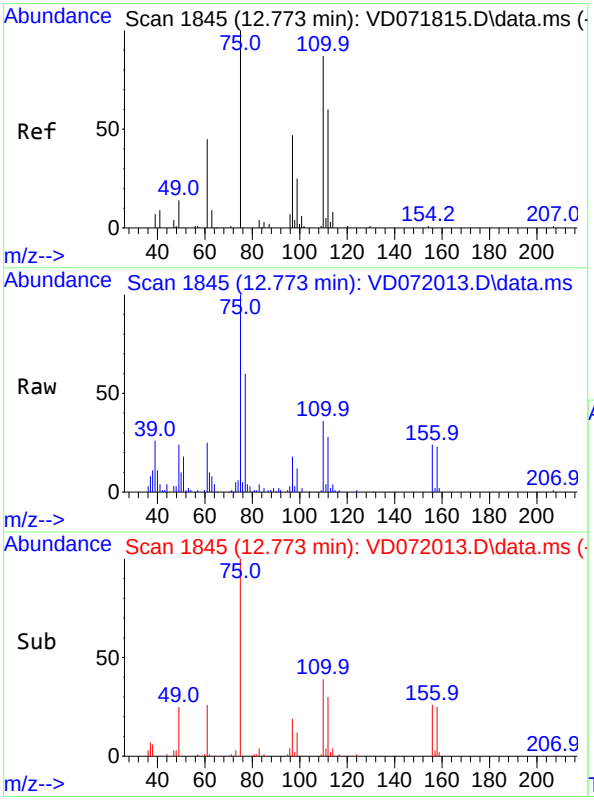

#75
1,1,2,2-Tetrachloroethane
Concen: 19.854 ug/l
RT: 12.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 83 Resp: 97894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.6 | 5.0 | 14.9 |
| 85 | 65.0 | 32.6 | 98.0 |

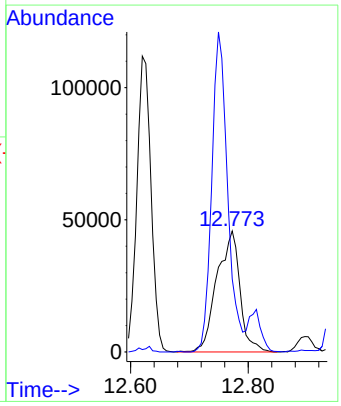


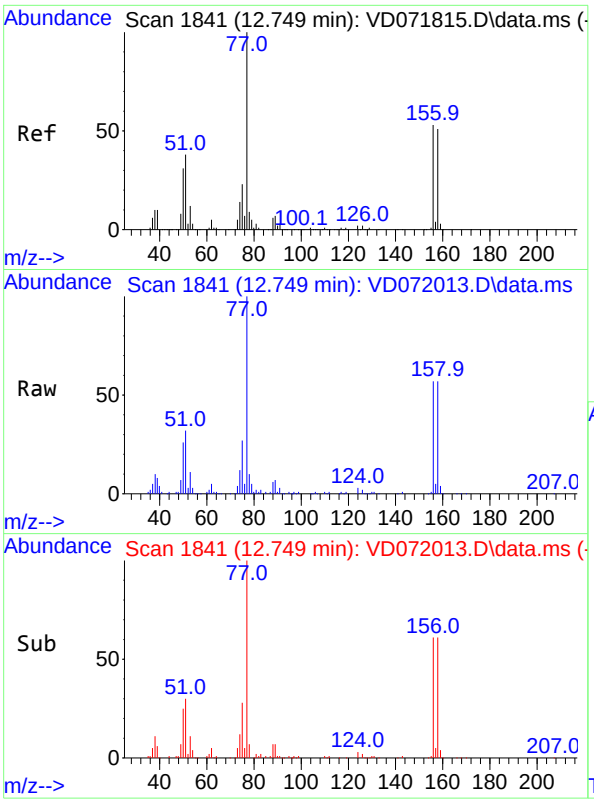




#76
1,2,3-Trichloropropane
Concen: 34.351 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 75 Resp: 124564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 0.0 | 0.0 |



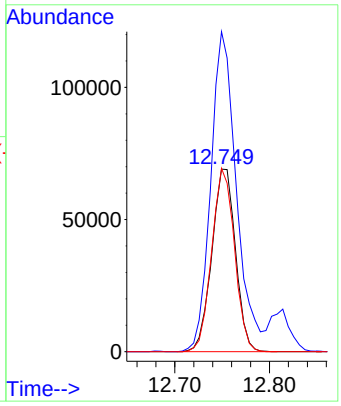


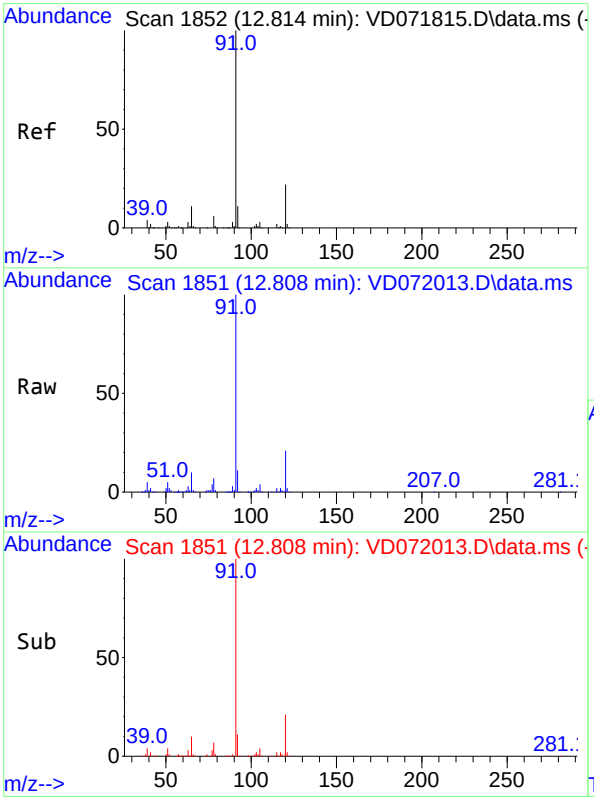

#77
Bromobenzene
Concen: 20.236 ug/l
RT: 12.749 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion:156 Resp: 119935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 188.7 | 102.8 | 308.3 |
| 158 | 96.7 | 48.7 | 146.1 |

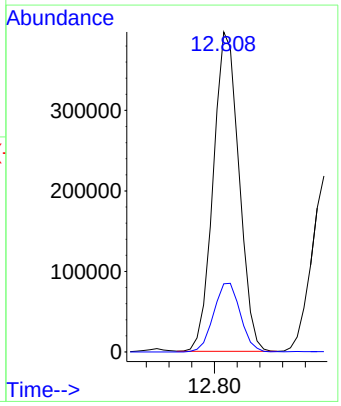


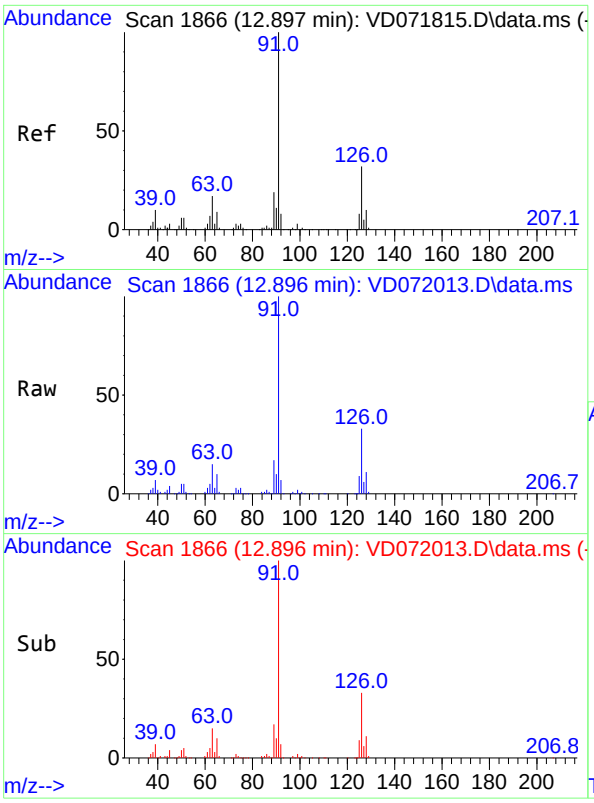




#78
n-propylbenzene
Concen: 18.695 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 91 Resp: 624571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.4 | 10.9 | 32.9 |



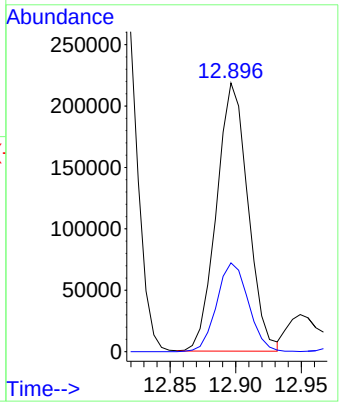


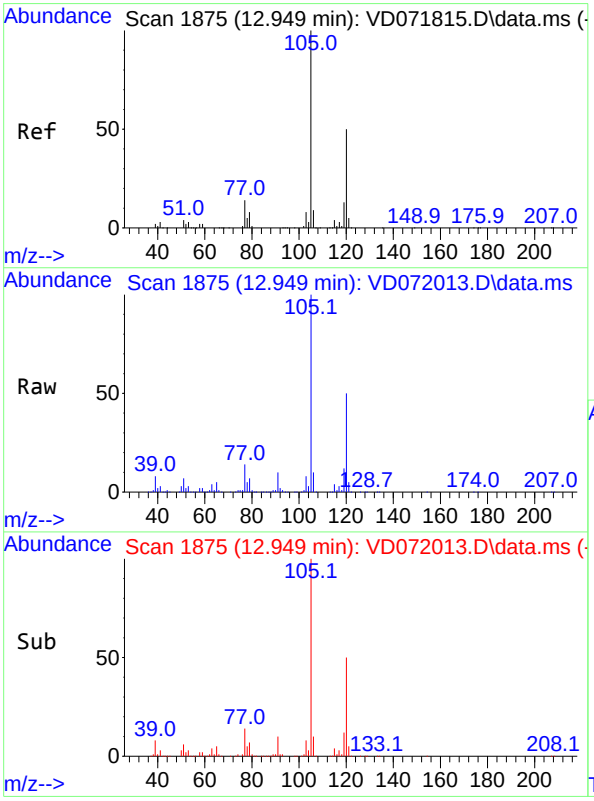

#79
2-Chlorotoluene
Concen: 19.269 ug/l
RT: 12.896 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 91 Resp: 364802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.3 | 16.2 | 48.6 |

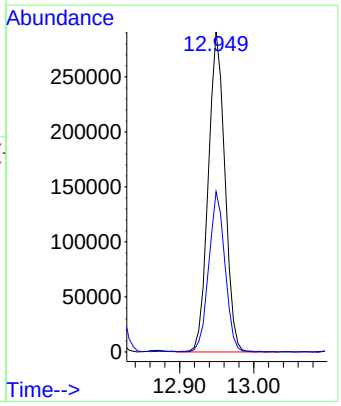


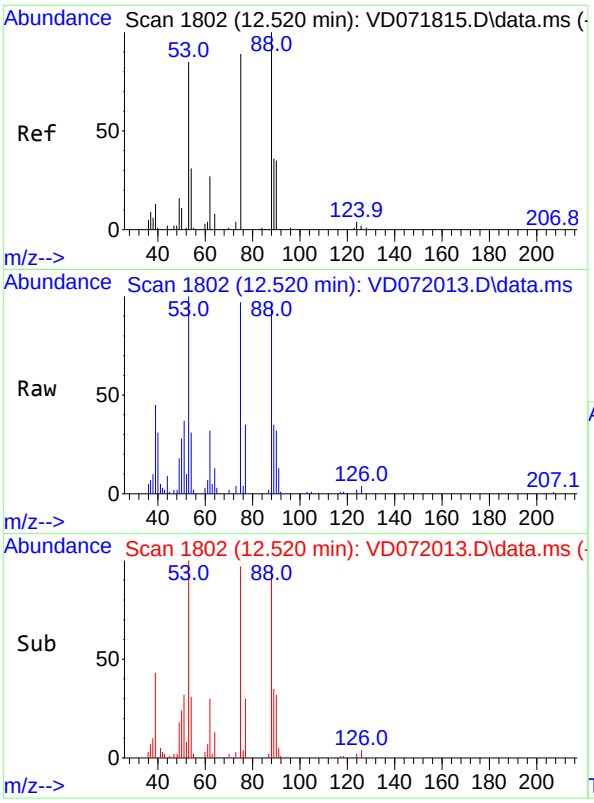




#80
1,3,5-Trimethylbenzene
Concen: 20.455 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion:105 Resp: 452048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.7 | 24.3 | 72.8 |



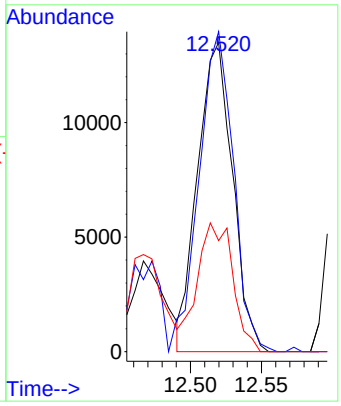


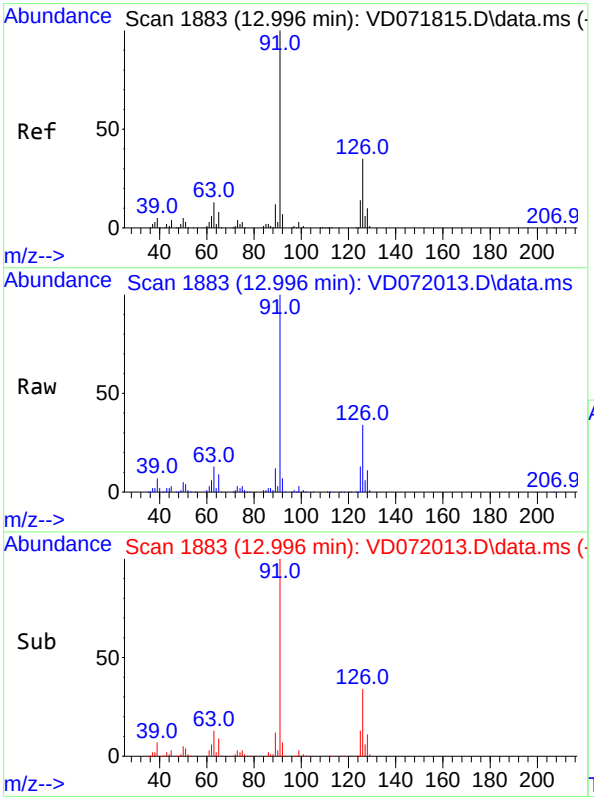

#81
trans-1,4-Dichloro-2-butene
Concen: 15.639 ug/l
RT: 12.520 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 75 Resp: 23064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 102.0 | 86.5 | 129.7 |
| 89 | 42.4 | 33.9 | 50.9 |

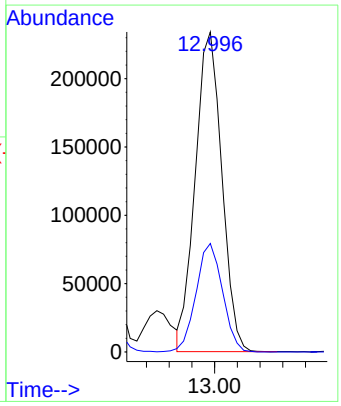


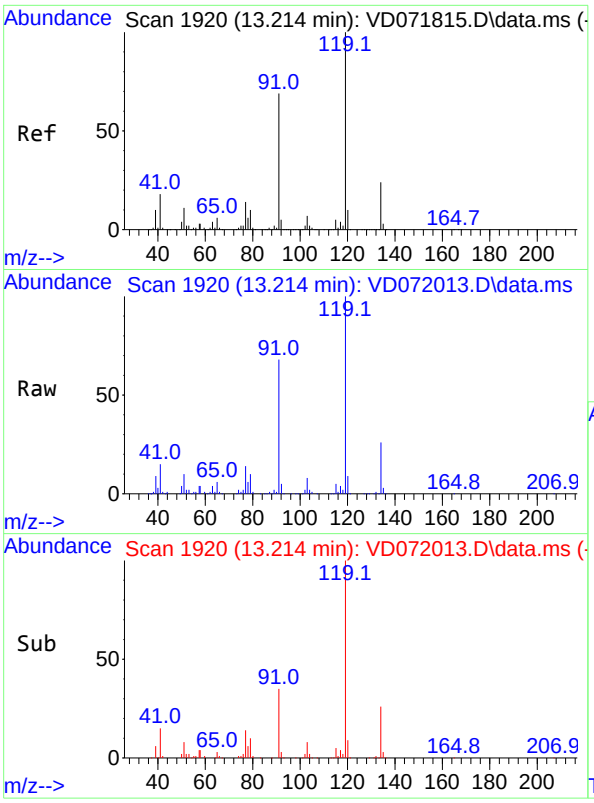




#82
4-Chlorotoluene
Concen: 19.264 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 91 Resp: 379443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.9 | 16.5 | 49.5 |



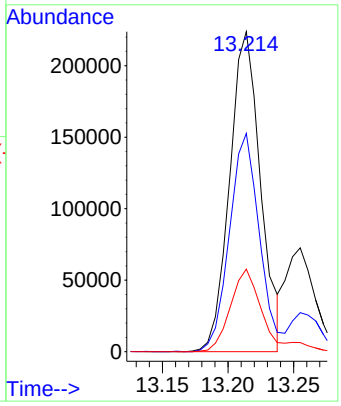


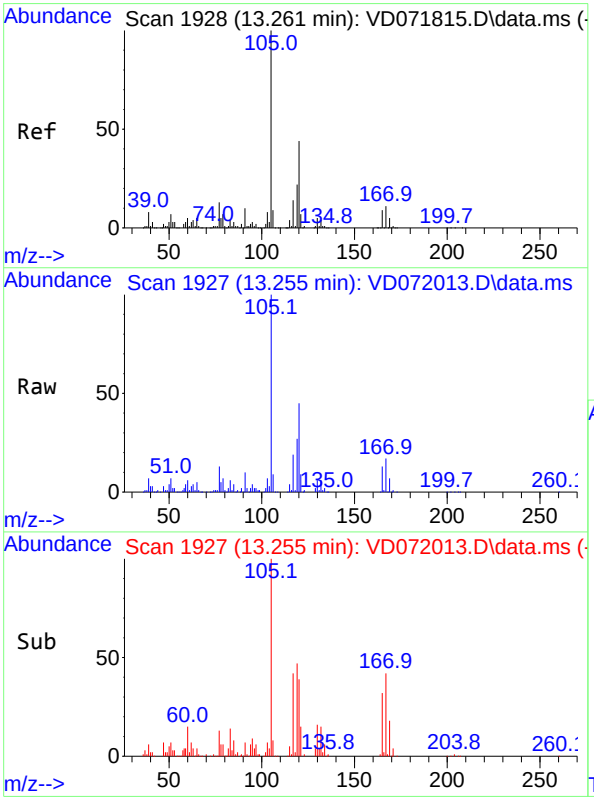

#83
tert-Butylbenzene
Concen: 20.021 ug/l
RT: 13.214 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion:119 Resp: 366683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 66.9 | 34.8 | 104.5 |
| 134 | 27.4 | 13.3 | 39.9 |

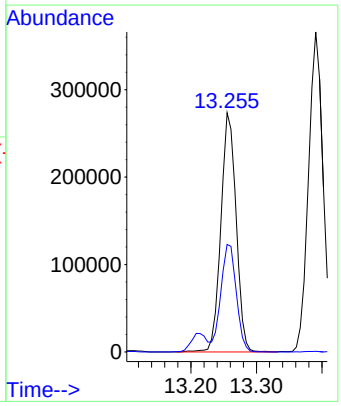


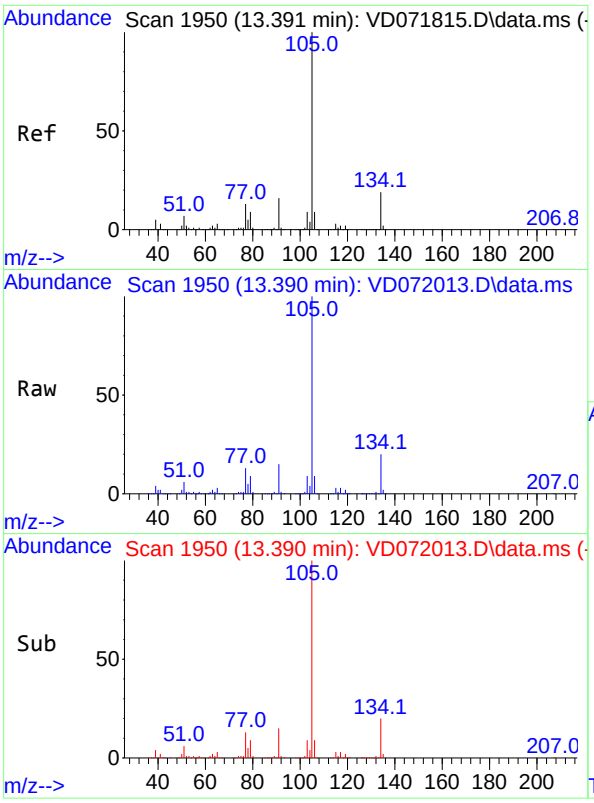




#84
1,2,4-Trimethylbenzene
Concen: 20.270 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion:105 Resp: 440658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.2 | 22.3 | 66.8 |



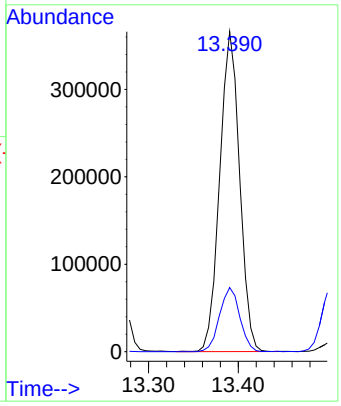


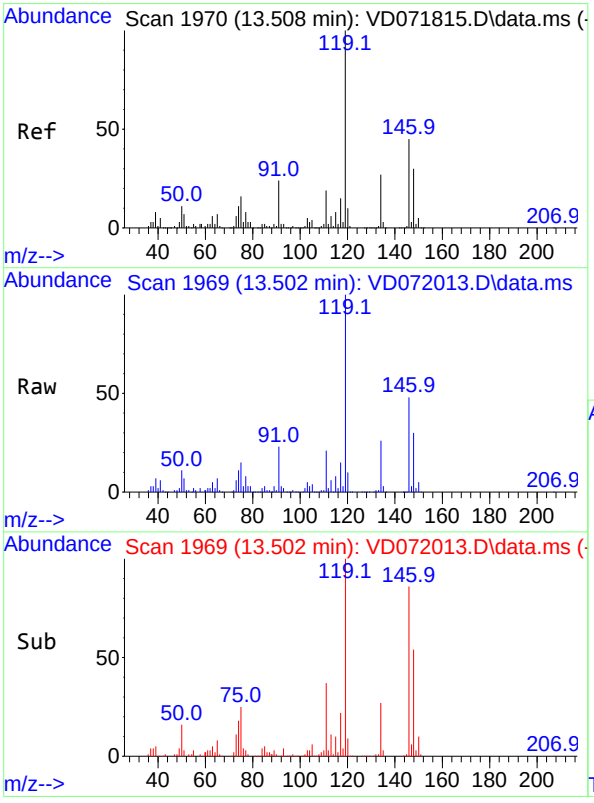

#85
sec-Butylbenzene
Concen: 19.632 ug/l
RT: 13.390 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion:105 Resp: 562618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.4 | 9.8 | 29.3 |

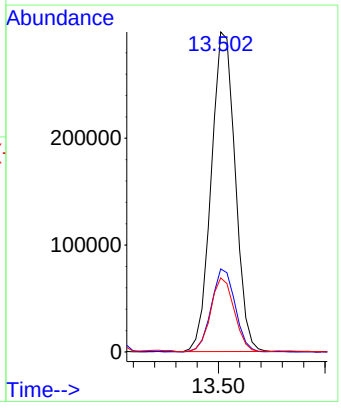


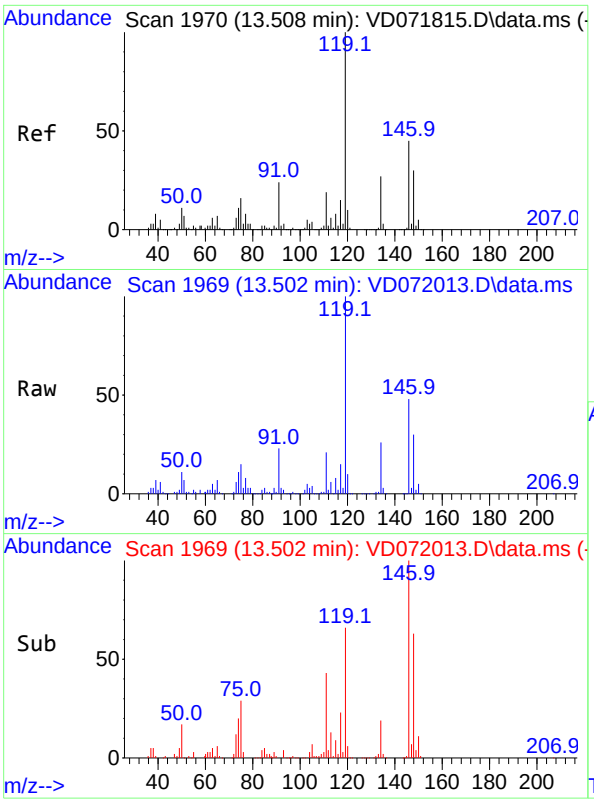




#86
p-Isopropyltoluene
Concen: 20.013 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion:119 Resp: 466065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.8 | 12.9 | 38.6 |
| 91 | 22.7 | 12.1 | 36.3 |



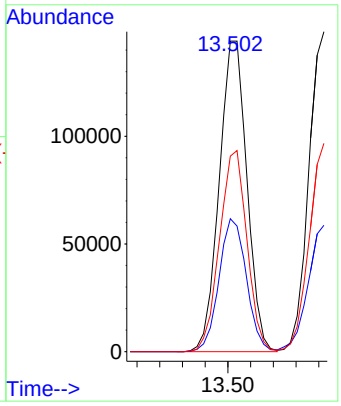


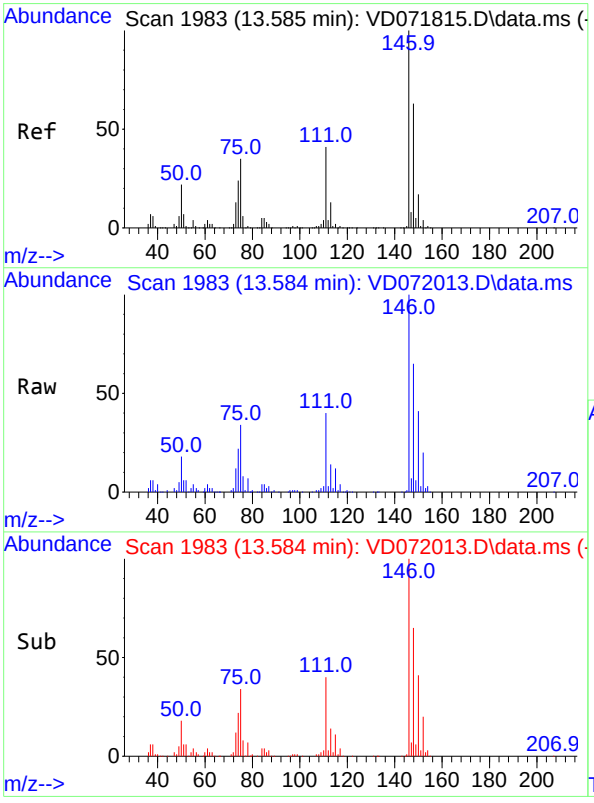

#87
1,3-Dichlorobenzene
Concen: 20.310 ug/l
RT: 13.502 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion:146 Resp: 244432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.4 | 20.4 | 61.3 |
| 148 | 64.1 | 31.9 | 95.7 |

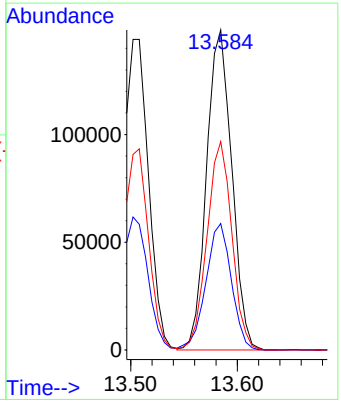


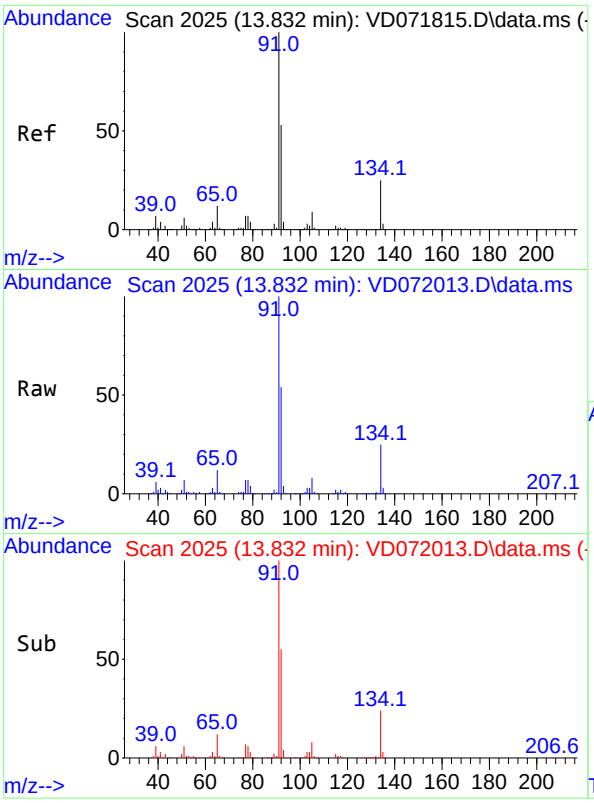




#88
1,4-Dichlorobenzene
Concen: 20.335 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion:146 Resp: 244246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.0 | 20.3 | 60.9 |
| 148 | 64.2 | 31.7 | 95.1 |



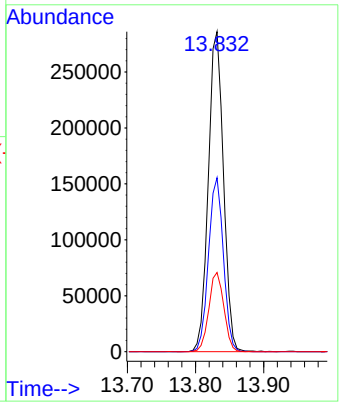


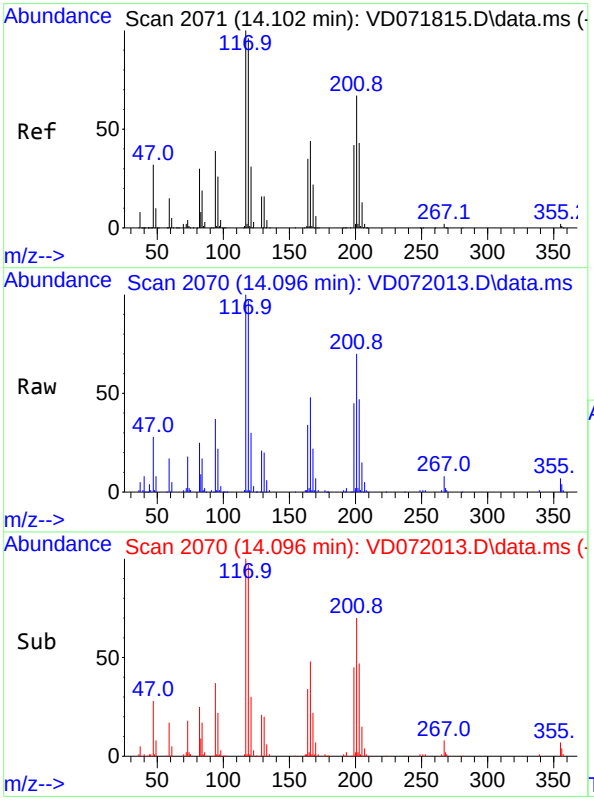

#89
n-Butylbenzene
Concen: 19.385 ug/l
RT: 13.832 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion: 91 Resp: 442911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.3 | 26.6 | 79.8 |
| 134 | 24.6 | 12.3 | 36.9 |

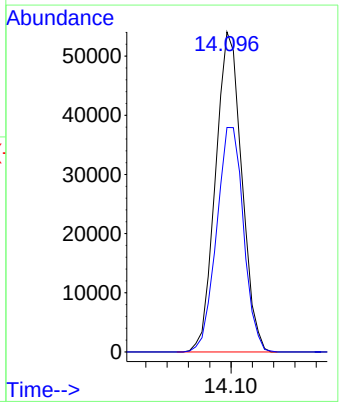


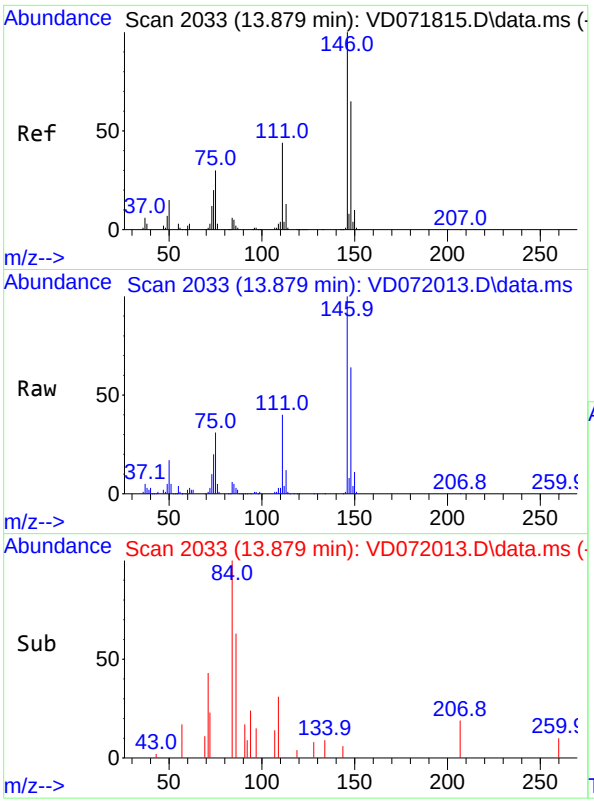




#90
Hexachloroethane
Concen: 19.947 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion:117 Resp: 92332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 72.2 | 33.4 | 100.2 |



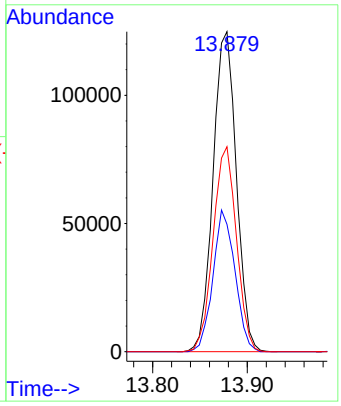


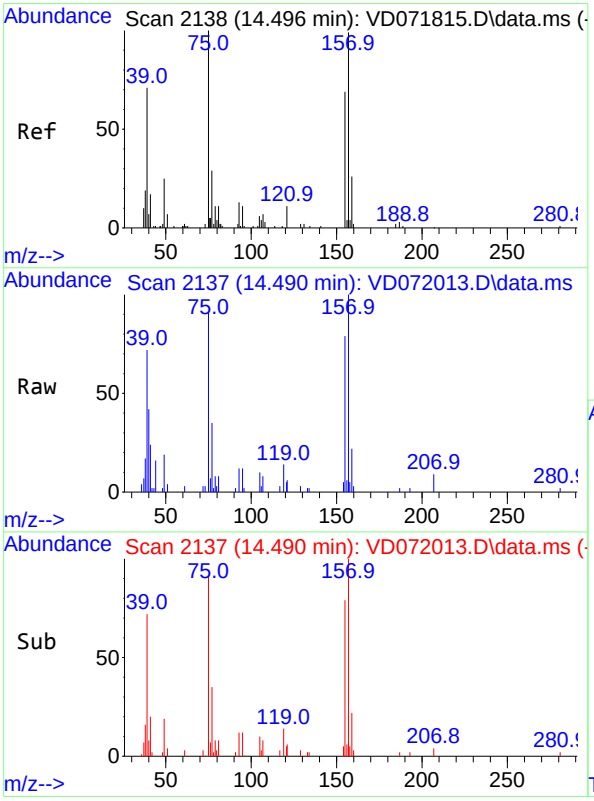

#91
1,2-Dichlorobenzene
Concen: 20.732 ug/l
RT: 13.879 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion:146 Resp: 213526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.9 | 21.1 | 63.3 |
| 148 | 64.3 | 31.7 | 95.1 |

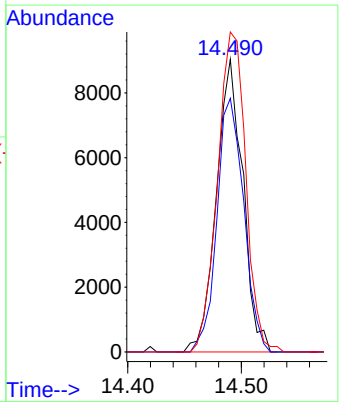


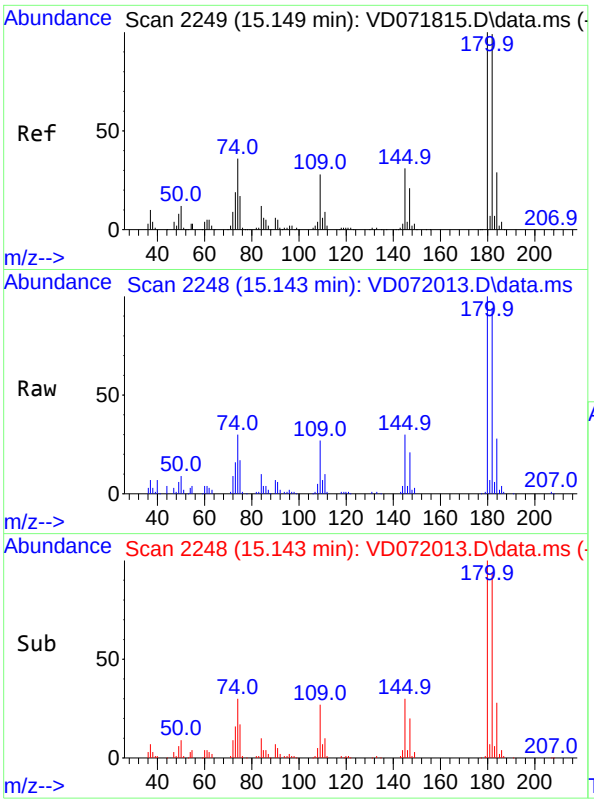




#92
1,2-Dibromo-3-Chloropropane
Concen: 17.891 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion: 75 Resp: 14609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 87.9 | 36.8 | 110.3 |
| 157 | 116.8 | 48.4 | 145.0 |



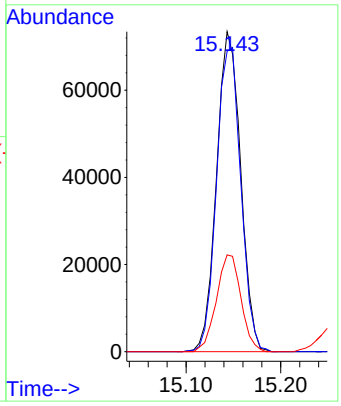


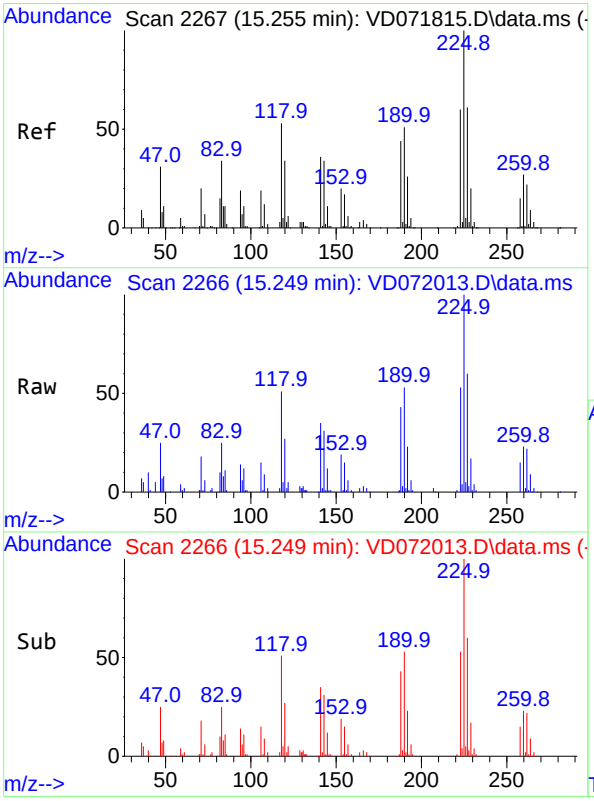

#93
1,2,4-Trichlorobenzene
Concen: 21.587 ug/l
RT: 15.143 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion:180 Resp: 129879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.9 | 47.3 | 142.0 |
| 145 | 30.8 | 16.2 | 48.5 |

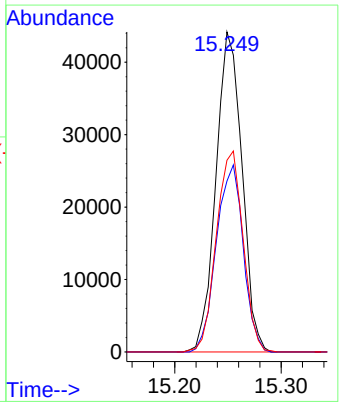


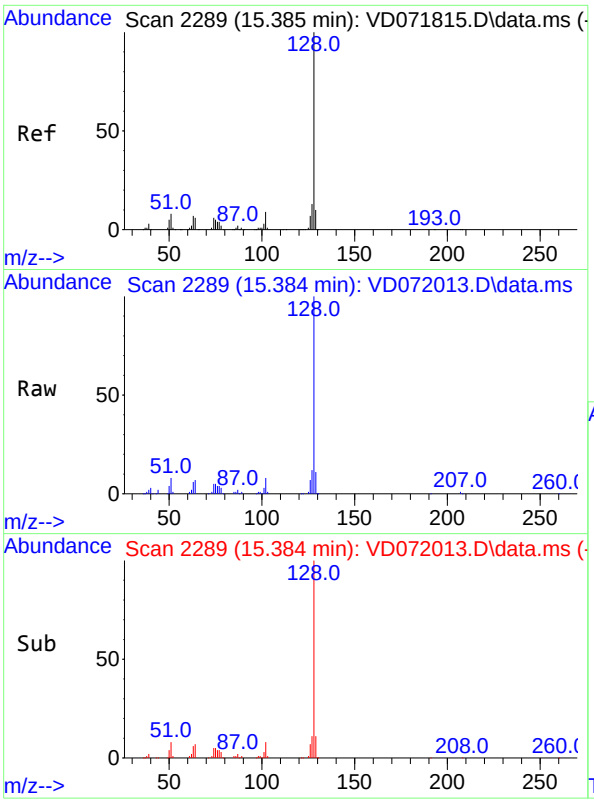




#94
Hexachlorobutadiene
Concen: 22.892 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion:225 Resp: 75099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.3 | 31.1 | 93.2 |
| 227 | 64.4 | 32.4 | 97.0 |



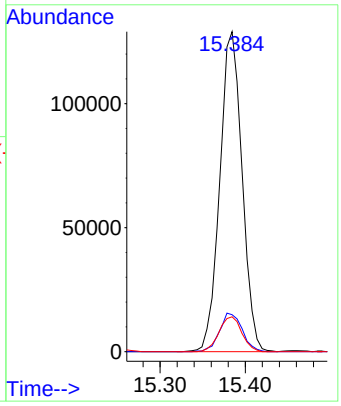


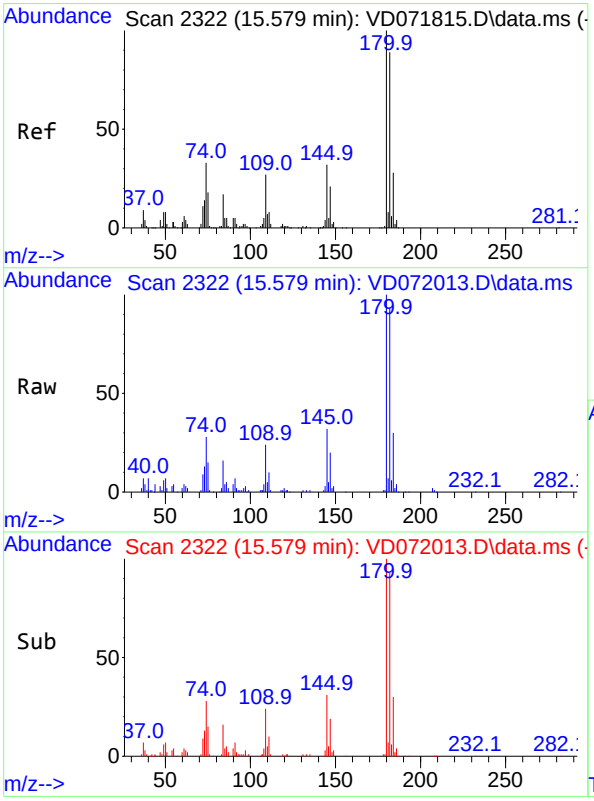

#95
Naphthalene
Concen: 20.486 ug/l
RT: 15.384 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

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

Tgt Ion:128 Resp: 234299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.3 | 10.3 | 15.5 |
| 129 | 11.2 | 8.4 | 12.6 |




#96
1,2,3-Trichlorobenzene
Concen: 22.266 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072013.D
Acq: 17 Feb 2022 16:30

Tgt Ion:180 Resp: 114825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.7 | 47.6 | 142.9 |
| 145 | 32.2 | 17.1 | 51.3 |