Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071620\
Data File : VD065954.D
Acq On : 16 Jul 2020 13:45
Operator : VA/SY
Sample : VD0716SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Quant Time: Jul 17 03:37:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.98 | 168 | 360880 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.87 | 114 | 523797 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.64 | 117 | 475613 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152 | 248934 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.33 | 65 | 140404 | 43.90 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 87.80% | | | | |
| 35) Dibromofluoromethane | 7.92 | 113 | 155570 | 48.15 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.30% | | | | |
| 50) Toluene-d8 | 10.34 | 98 | 579770 | 49.18 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.36% | | | | |
| 62) 4-Bromofluorobenzene | 12.63 | 95 | 203735 | 50.32 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.64% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.99 | 85 | 66141 | 20.616 | ug/l | | 99 |
| 3) Chloromethane | 2.21 | 50 | 53807 | 16.918 | ug/l | | 97 |
| 4) Vinyl Chloride | 2.35 | 62 | 49820 | 17.060 | ug/l | | 98 |
| 5) Bromomethane | 2.76 | 94 | 32826 | 17.746 | ug/l | | 81 |
| 6) Chloroethane | 2.92 | 64 | 28456 | 16.301 | ug/l | | 90 |
| 7) Trichlorofluoromethane | 3.27 | 101 | 122529 | 19.577 | ug/l | | 91 |
| 8) Diethyl Ether | 3.71 | 74 | 32025 | 18.651 | ug/l | | 95 |
| 9) 1,1,2-Trichlorotrifluoroet | 4.10 | 101 | 73510 | 19.636 | ug/l | | 96 |
| 10) Methyl Iodide | 4.30 | 142 | 70944 | 19.600 | ug/l | | 98 |
| 11) Tert butyl alcohol | 5.22 | 59 | 20238 | 85.333 | ug/l | # | 91 |
| 12) 1,1-Dichloroethene | 4.06 | 96 | 69608 | 19.903 | ug/l | | 97 |
| 13) Acrolein | 3.92 | 56 | 15848 | 79.682 | ug/l | | 96 |
| 14) Allyl chloride | 4.71 | 41 | 108409 | 18.291 | ug/l | | 98 |
| 15) Acrylonitrile | 5.42 | 53 | 67803 | 90.191 | ug/l | | 98 |
| 16) Acetone | 4.16 | 43 | 66442 | 88.645 | ug/l | | 99 |
| 17) Carbon Disulfide | 4.41 | 76 | 214369 | 19.236 | ug/l | | 97 |
| 18) Methyl Acetate | 4.73 | 43 | 29748 | 16.931 | ug/l | | 94 |
| 19) Methyl tert-butyl Ether | 5.47 | 73 | 139077 | 18.783 | ug/l | | 92 |
| 20) Methylene Chloride | 4.96 | 84 | 109453 | 21.539 | ug/l | | 94 |
| 21) trans-1,2-Dichloroethene | 5.47 | 96 | 76733 | 19.500 | ug/l | | 98 |
| 22) Diisopropyl ether | 6.37 | 45 | 206631 | 18.551 | ug/l | | 96 |
| 23) Vinyl Acetate | 6.31 | 43 | 565393 | 88.930 | ug/l | | 99 |
| 24) 1,1-Dichloroethane | 6.26 | 63 | 124980 | 18.818 | ug/l | | 99 |
| 25) 2-Butanone | 7.21 | 43 | 87558 | 88.404 | ug/l | | 97 |
| 26) 2,2-Dichloropropane | 7.21 | 77 | 114461 | 19.700 | ug/l | | 99 |
| 27) cis-1,2-Dichloroethene | 7.21 | 96 | 80779 | 19.106 | ug/l | | 98 |
| 28) Bromochloromethane | 7.54 | 49 | 52640 | 20.981 | ug/l | | 95 |
| 29) Tetrahydrofuran | 7.56 | 42 | 55061 | 87.427 | ug/l | | 98 |
| 30) Chloroform | 7.71 | 83 | 127863 | 18.990 | ug/l | | 99 |
| 31) Cyclohexane | 7.98 | 56 | 120235 | 18.399 | ug/l | | 94 |
| 32) 1,1,1-Trichloroethane | 7.90 | 97 | 119025 | 19.371 | ug/l | | 99 |
| 36) 1,1-Dichloropropene | 8.11 | 75 | 103350 | 19.978 | ug/l | | 99 |
| 37) Ethyl Acetate | 7.30 | 43 | 37851 | 17.462 | ug/l | # | 94 |
| 38) Carbon Tetrachloride | 8.10 | 117 | 111690 | 20.143 | ug/l | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071620\
Data File : VD065954.D
Acq On : 16 Jul 2020 13:45
Operator : VA/SY
Sample : VD0716SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Quant Time: Jul 17 03:37:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.36 | 83 | 129130 | 20.331 | ug/l | | 96 |
| 40) Benzene | 8.35 | 78 | 288441 | 20.182 | ug/l | | 100 |
| 41) Methacrylonitrile | 7.56 | 41 | 53723 | 42.689 | ug/l | # | 25 |
| 42) 1,2-Dichloroethane | 8.43 | 62 | 74245 | 18.338 | ug/l | | 96 |
| 43) Isopropyl Acetate | 8.45 | 43 | 71284 | 17.668 | ug/l | | 93 |
| 44) Trichloroethene | 9.11 | 130 | 85914 | 20.460 | ug/l | | 97 |
| 45) 1,2-Dichloropropane | 9.39 | 63 | 67115 | 18.921 | ug/l | | 97 |
| 46) Dibromomethane | 9.47 | 93 | 36021 | 19.505 | ug/l | | 99 |
| 47) Bromodichloromethane | 9.66 | 83 | 97784 | 19.739 | ug/l | | 97 |
| 48) Methyl methacrylate | 9.46 | 41 | 38259 | 18.836 | ug/l | | 100 |
| 49) 1,4-Dioxane | 9.46 | 88 | 8230 | 375.062 | ug/l | | 92 |
| 51) 4-Methyl-2-Pentanone | 10.23 | 43 | 187167 | 91.758 | ug/l | | 100 |
| 52) Toluene | 10.40 | 92 | 190951 | 21.001 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 10.62 | 75 | 90046 | 19.332 | ug/l | | 97 |
| 54) cis-1,3-Dichloropropene | 10.09 | 75 | 110309 | 19.599 | ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 10.80 | 97 | 50347 | 19.787 | ug/l | | 94 |
| 56) Ethyl methacrylate | 10.66 | 69 | 59884 | 19.269 | ug/l | | 98 |
| 57) 1,3-Dichloropropane | 10.95 | 76 | 83725 | 18.816 | ug/l | | 96 |
| 58) 2-Chloroethyl Vinyl ether | 9.94 | 63 | 158209 | 105.116 | ug/l | | 98 |
| 59) 2-Hexanone | 10.98 | 43 | 132748 | 94.628 | ug/l | | 99 |
| 60) Dibromochloromethane | 11.14 | 129 | 68378 | 19.670 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 11.25 | 107 | 47886 | 18.876 | ug/l | | 96 |
| 64) Tetrachloroethene | 10.88 | 164 | 76617 | 22.151 | ug/l | | 93 |
| 65) Chlorobenzene | 11.67 | 112 | 201674 | 21.042 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 11.74 | 131 | 73920 | 20.620 | ug/l | | 100 |
| 67) Ethyl Benzene | 11.74 | 91 | 354893 | 20.843 | ug/l | | 99 |
| 68) m/p-Xylenes | 11.86 | 106 | 276252 | 42.704 | ug/l | | 100 |
| 69) o-Xylene | 12.18 | 106 | 124310 | 21.095 | ug/l | | 99 |
| 70) Styrene | 12.20 | 104 | 218789 | 21.507 | ug/l | | 98 |
| 71) Bromoform | 12.36 | 173 | 41464 | 20.441 | ug/l | # | 97 |
| 73) Isopropylbenzene | 12.48 | 105 | 350811 | 20.193 | ug/l | | 99 |
| 74) N-amyl acetate | 12.29 | 43 | 68815 | 17.652 | ug/l | | 100 |
| 75) 1,1,2,2-Tetrachloroethane | 12.73 | 83 | 52428 | 18.177 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 12.78 | 75 | 69783 | 33.417 | ug/l | # | 100 |
| 77) Bromobenzene | 12.76 | 156 | 85171 | 20.213 | ug/l | | 96 |
| 78) n-propylbenzene | 12.82 | 91 | 411484 | 20.202 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.91 | 91 | 228734 | 19.795 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 12.96 | 105 | 292557 | 20.588 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75 | 18430 | 18.964 | ug/l | | 99 |
| 82) 4-Chlorotoluene | 13.01 | 91 | 238159 | 19.645 | ug/l | | 97 |
| 83) tert-Butylbenzene | 13.23 | 119 | 247526 | 20.445 | ug/l | | 96 |
| 84) 1,2,4-Trimethylbenzene | 13.27 | 105 | 289333 | 20.455 | ug/l | | 99 |
| 85) sec-Butylbenzene | 13.40 | 105 | 345659 | 20.146 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.52 | 119 | 323814 | 20.634 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.52 | 146 | 164838 | 20.905 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 13.60 | 146 | 161700 | 20.556 | ug/l | | 99 |
| 89) n-Butylbenzene | 13.84 | 91 | 292448 | 19.845 | ug/l | | 100 |
| 90) Hexachloroethane | 14.11 | 117 | 61811 | 19.532 | ug/l | | 95 |
| 91) 1,2-Dichlorobenzene | 13.89 | 146 | 139095 | 20.183 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.50 | 75 | 9081 | 18.829 | ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071620\
Data File : VD065954.D
Acq On : 16 Jul 2020 13:45
Operator : VA/SY
Sample : VD0716SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Quant Time: Jul 17 03:37:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180 | 104404 | 21.256 ug/l | 97 |
| 94) Hexachlorobutadiene | 15.27 | 225 | 62158 | 20.921 ug/l | 99 |
| 95) Naphthalene | 15.40 | 128 | 157404 | 19.108 ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180 | 87684 | 20.697 ug/l | 99 |

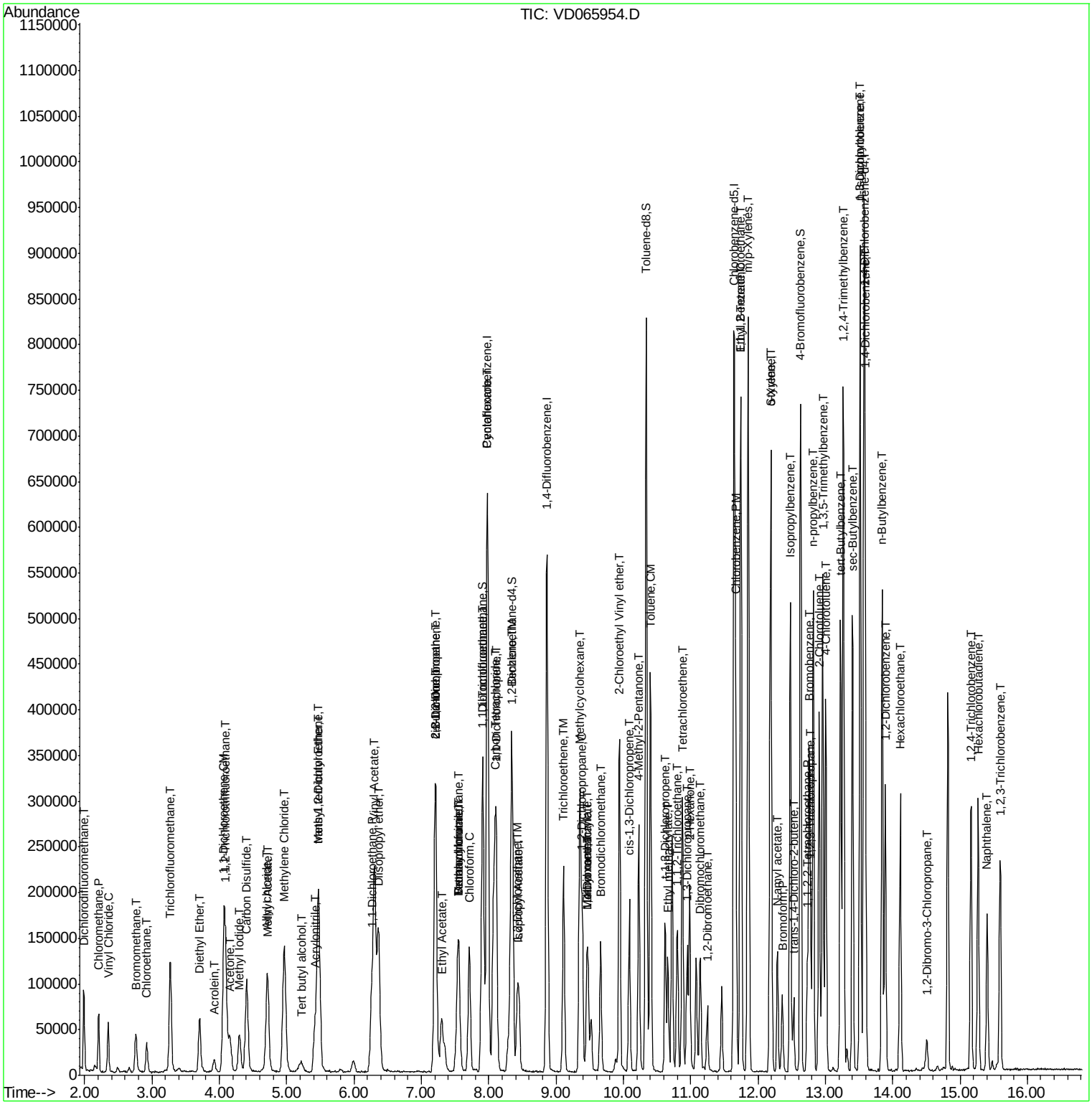
(#) = qualifier out of range (m) = manual integration (+) = signals summed

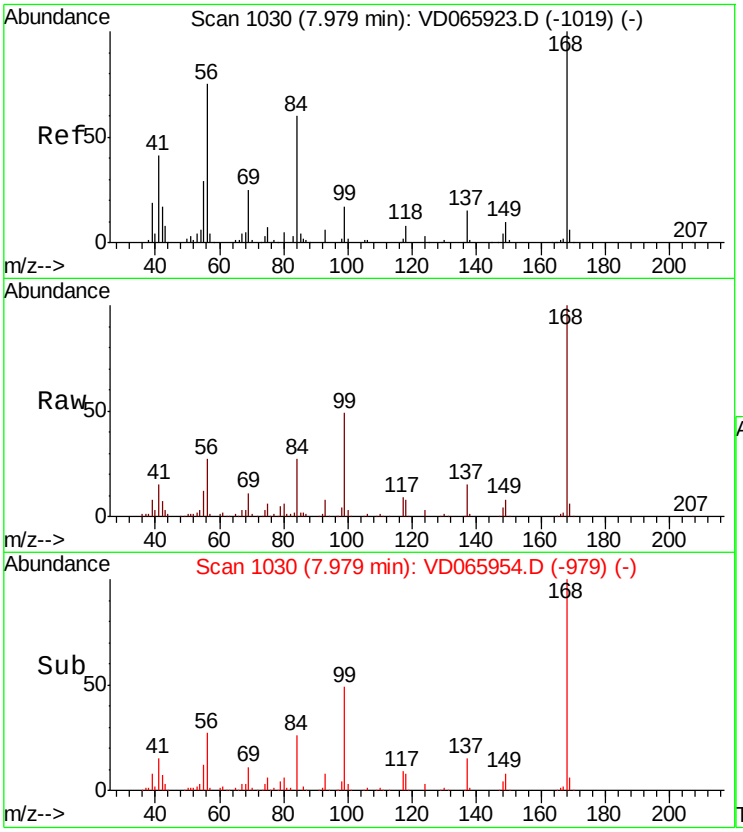
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071620\
Data File : VD065954.D
Acq On : 16 Jul 2020 13:45
Operator : VA/SY
Sample : VD0716SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Quant Time: Jul 17 03:37:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration



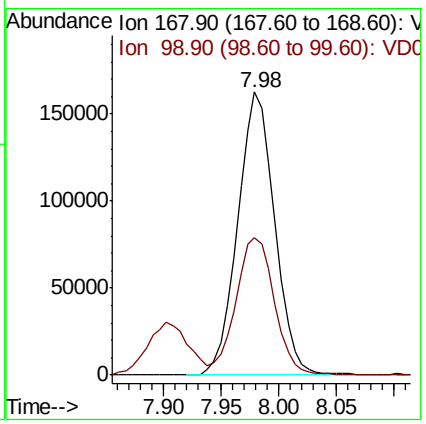


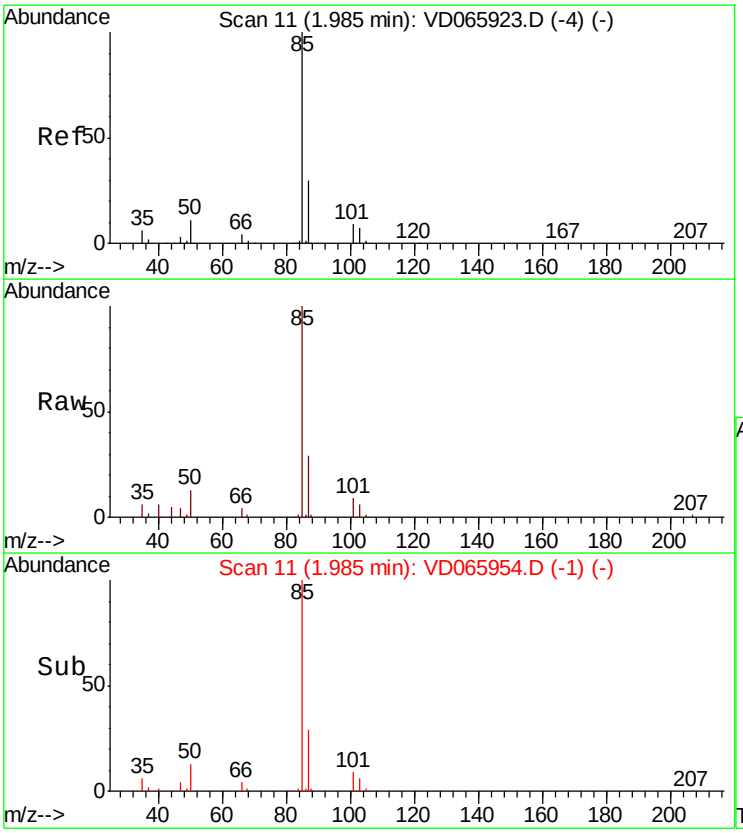

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion:168 Resp: 360880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.4 | 43.1 | 64.7 |

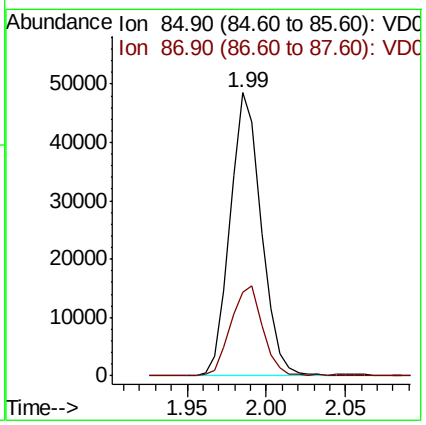


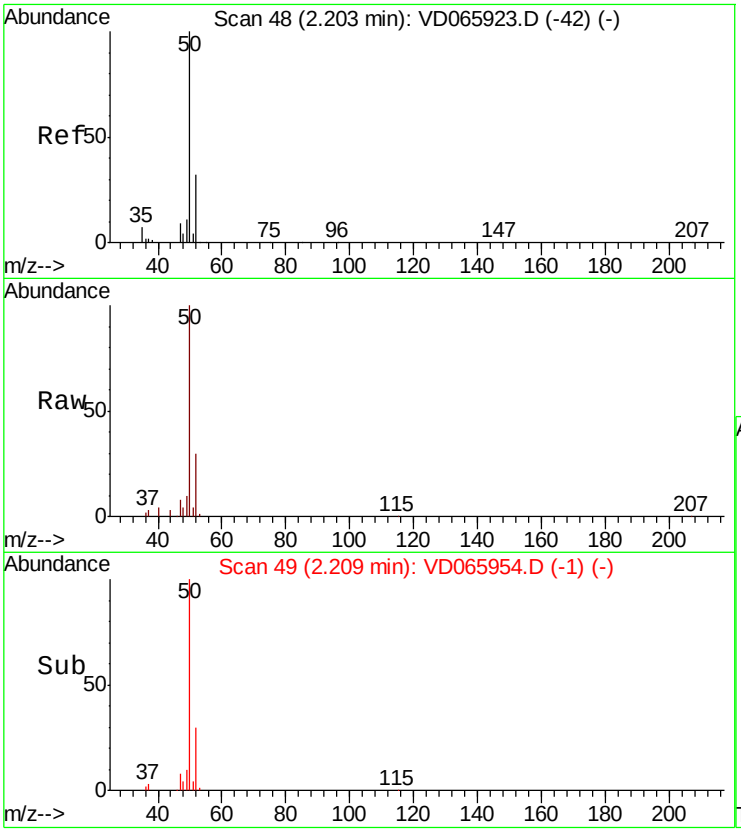




#2
Dichlorodifluoromethane
Concen: 20.616 ug/l
RT: 1.99 min Scan# 11
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 85 Resp: 66141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 29.4 | 14.9 | 44.9 |



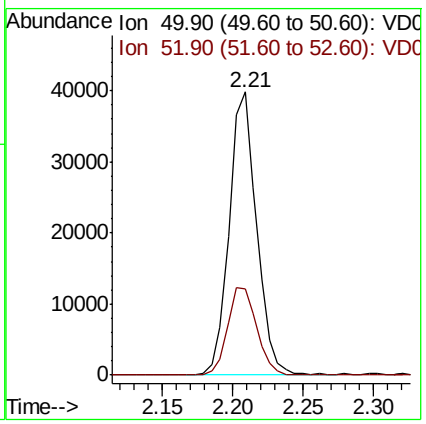


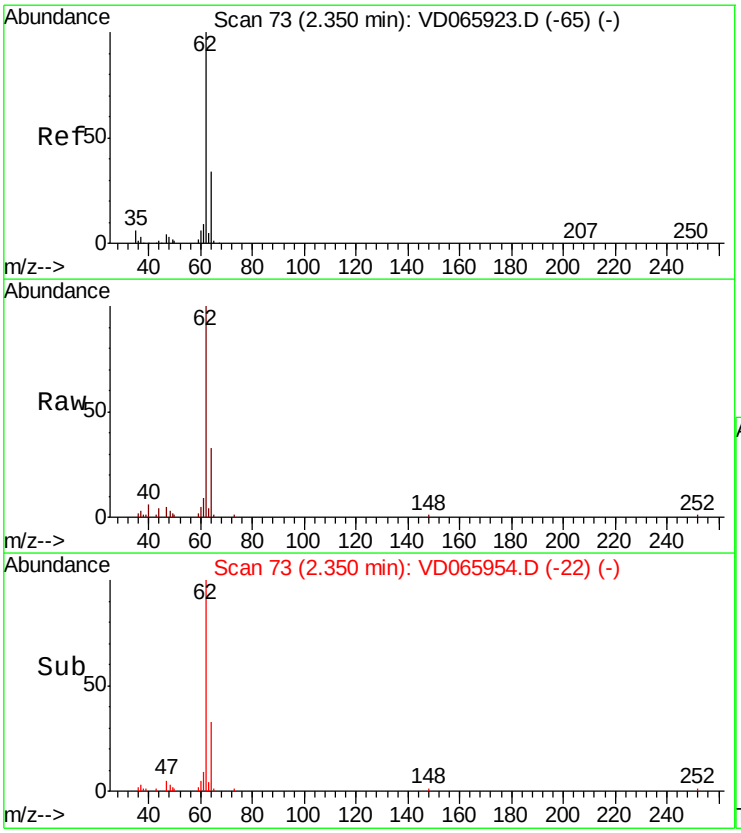

#3
Chloromethane
Concen: 16.918 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Tgt Ion: 50 Resp: 53807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 30.3 | 25.6 | 38.4 |

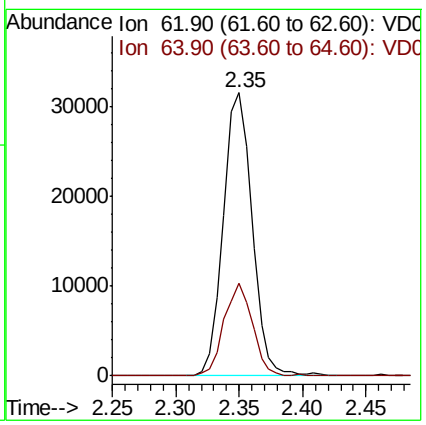


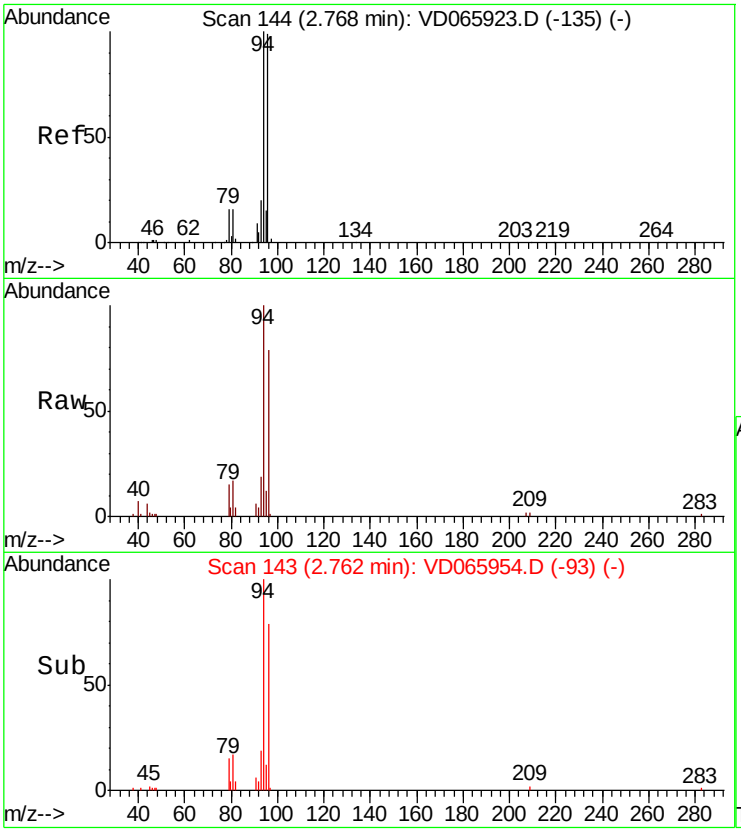




#4
Vinyl Chloride
Concen: 17.060 ug/l
RT: 2.35 min Scan# 73
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 62 Resp: 49820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.8 | 27.2 | 40.8 |



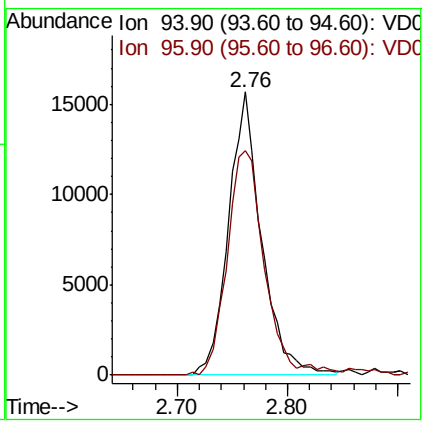


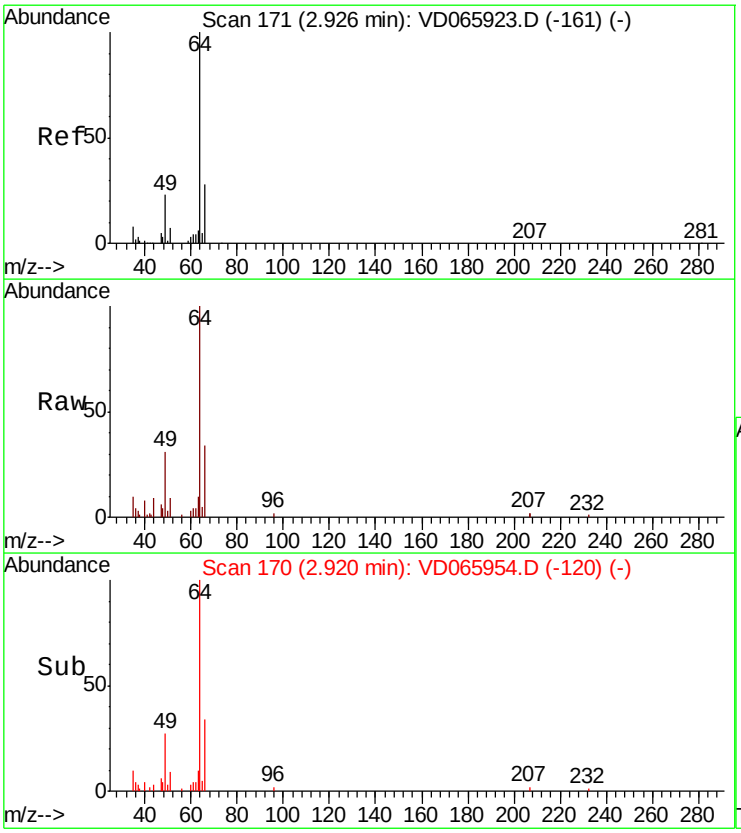

#5
Bromomethane
Concen: 17.746 ug/l
RT: 2.76 min Scan# 143
Delta R.T. -0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 94 Resp: 32826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 79.4 | 78.8 | 118.2 |

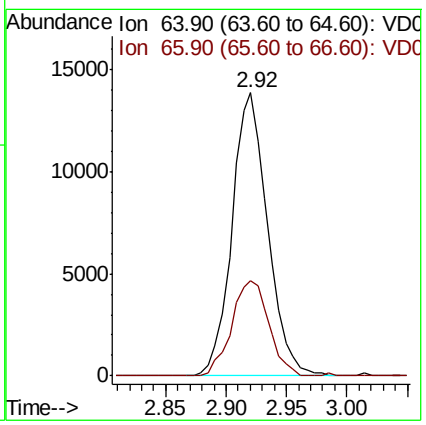


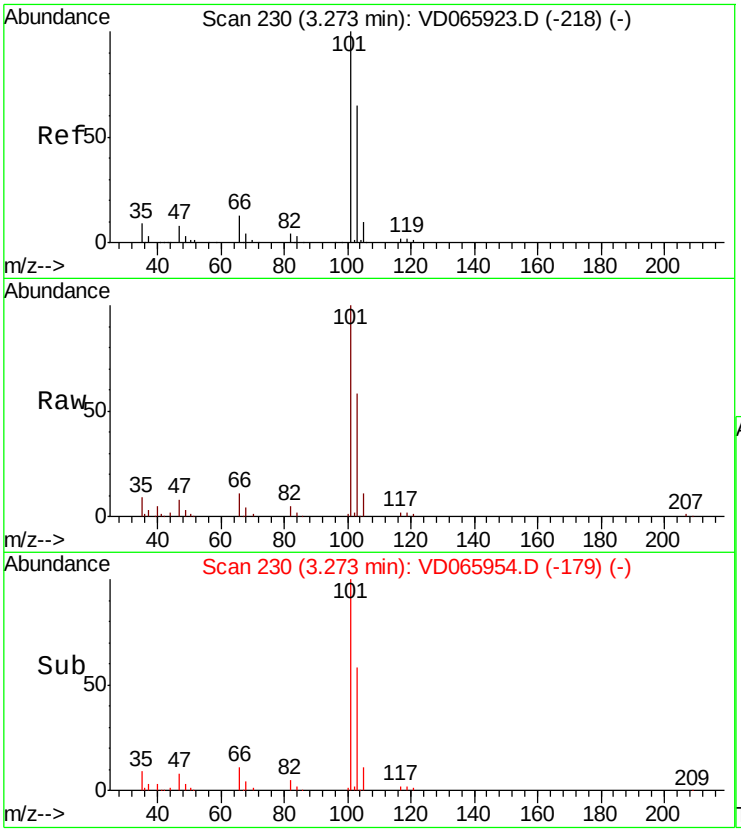




#6
Chloroethane
Concen: 16.301 ug/l
RT: 2.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 64 Resp: 28456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.7 | 22.6 | 33.8 |



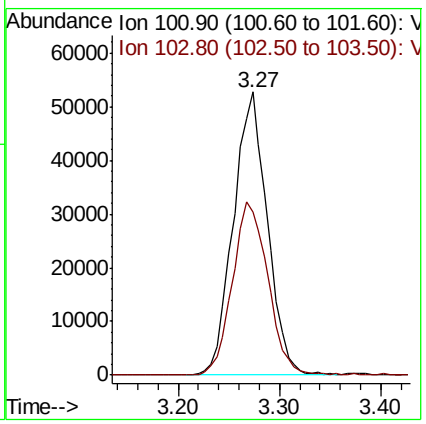


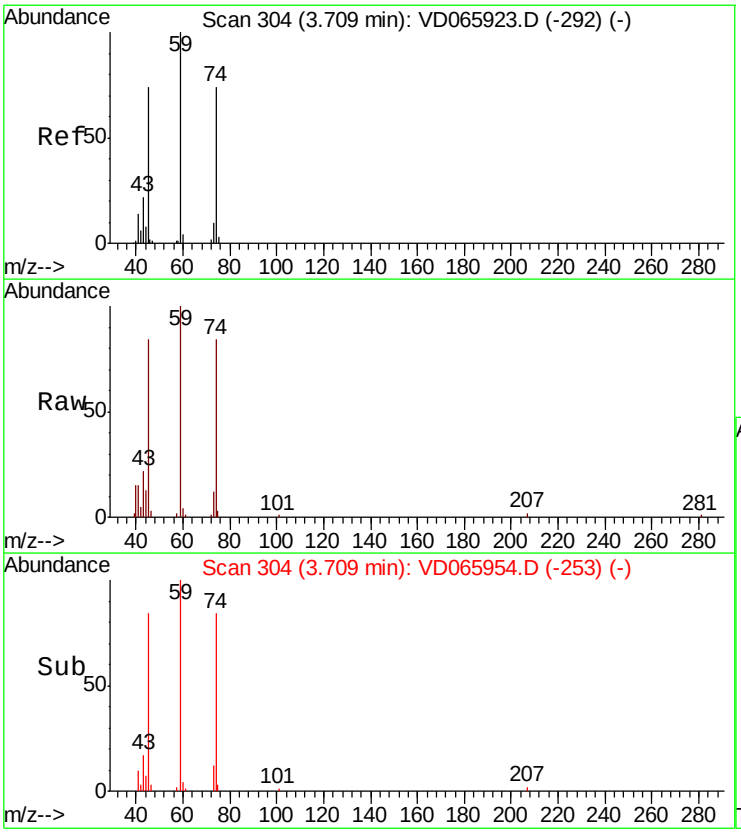

#7
Trichlorofluoromethane
Concen: 19.577 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion:101 Resp: 122529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 57.5 | 51.7 | 77.5 |

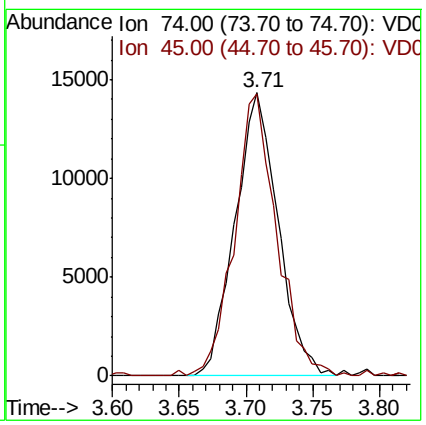


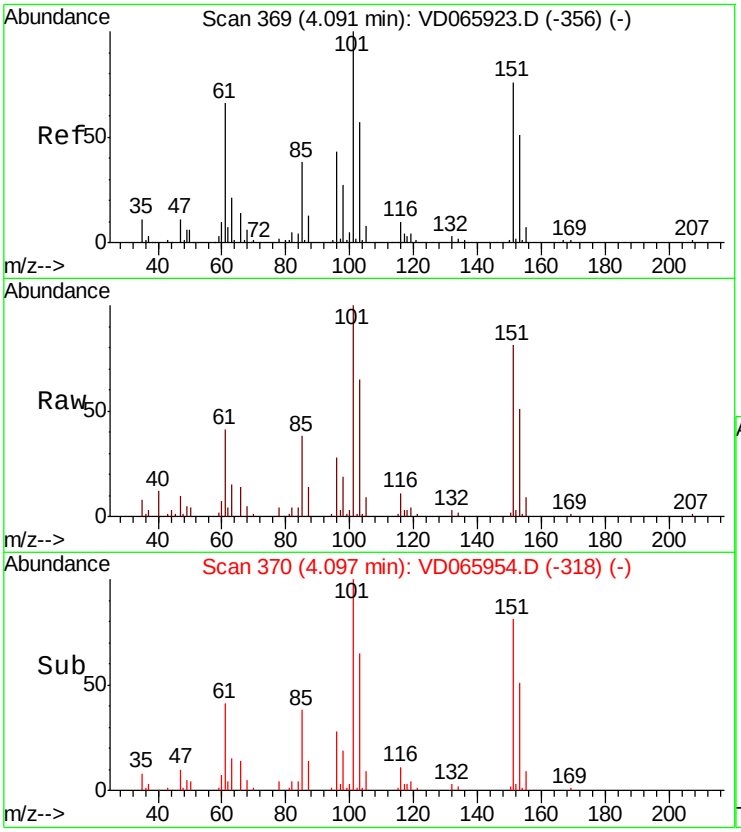




#8
Diethyl Ether
Concen: 18.651 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 74 Resp: 32025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 97.4 | 51.1 | 153.3 |



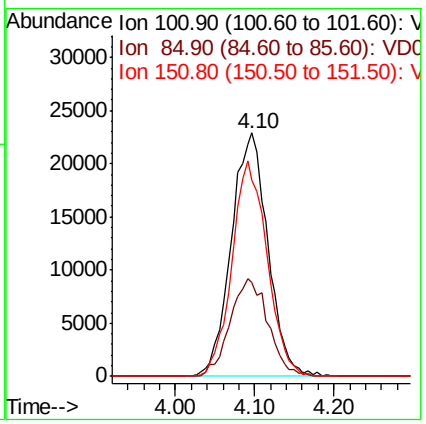


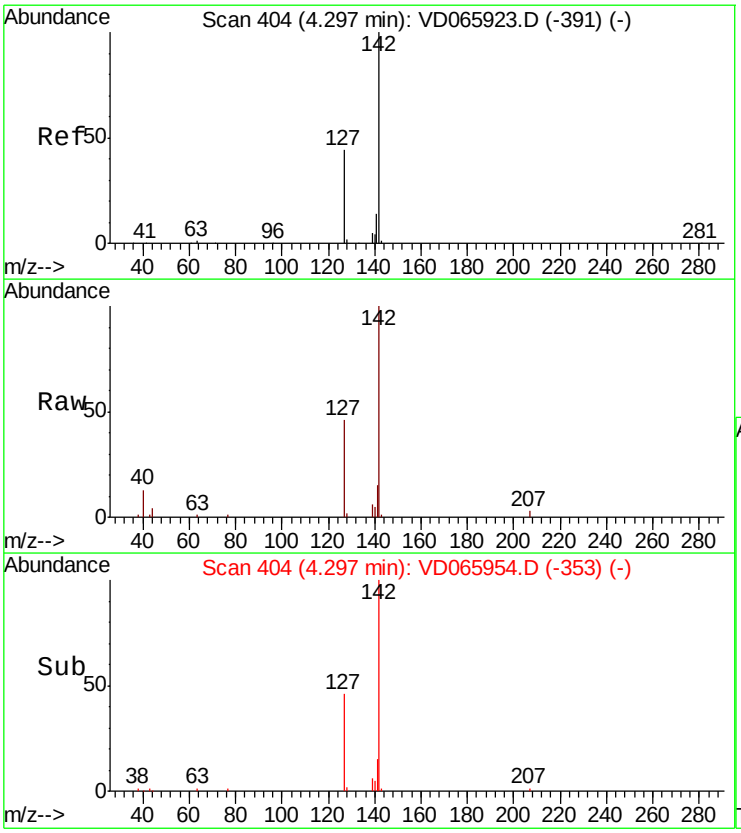

#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.636 ug/l
RT: 4.10 min Scan# 370
Delta R.T. 0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion:101 Resp: 73510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 41.5 | 33.8 | 50.8 |
| 151 | 84.7 | 64.1 | 96.1 |

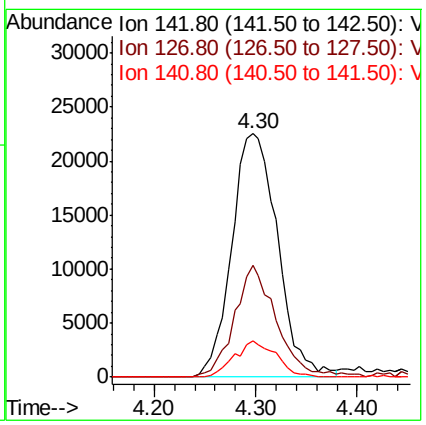


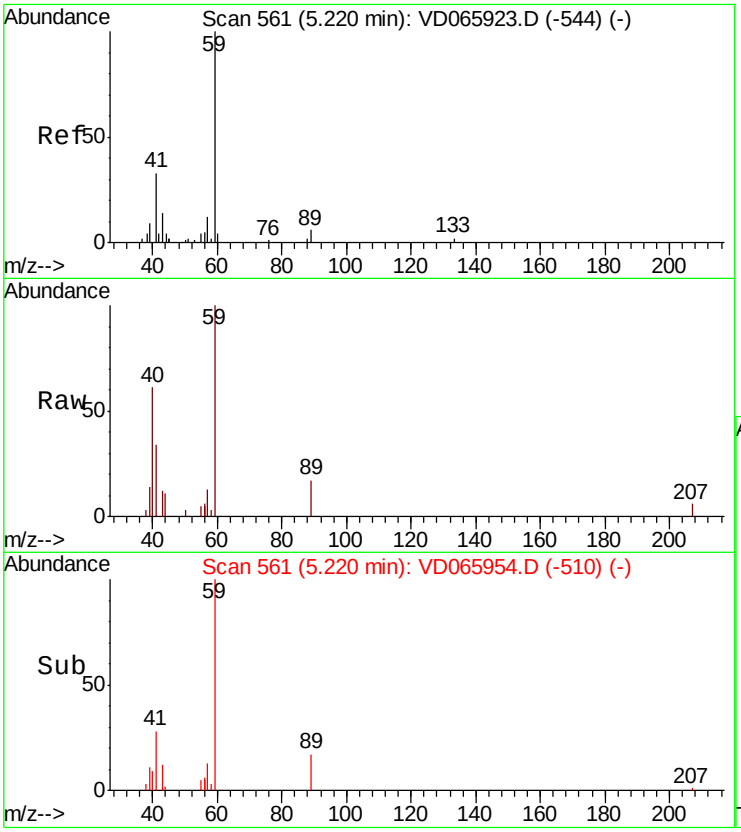




#10
Methyl Iodide
Concen: 19.600 ug/l
RT: 4.30 min Scan# 404
Delta R.T. 0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion:142 Resp: 70944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 42.2 | 34.6 | 51.8 |
| 141 | 13.6 | 11.6 | 17.4 |



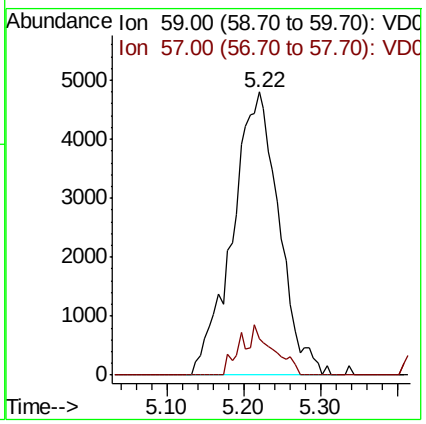


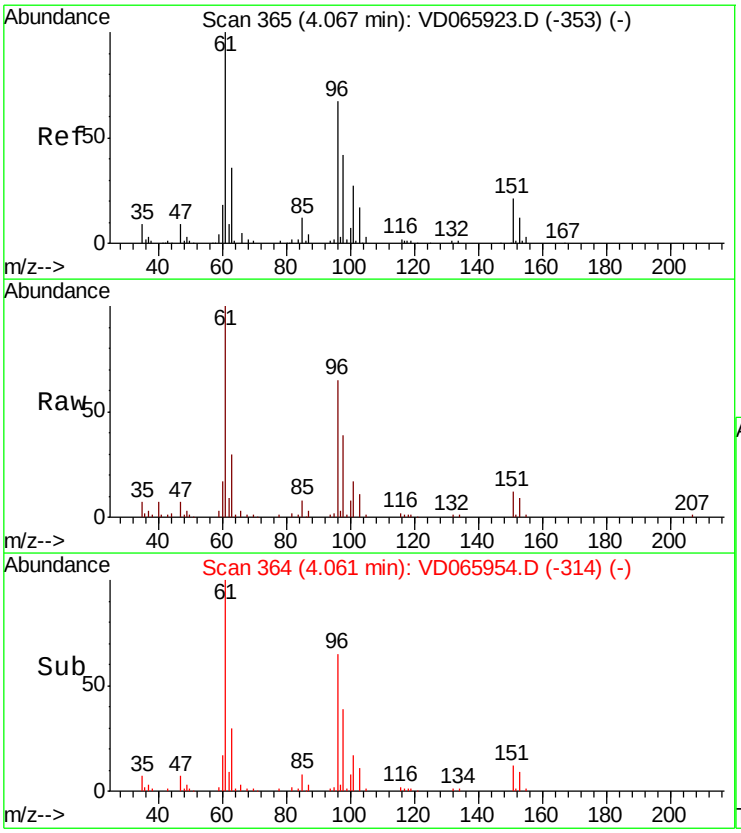

#11
Tert butyl alcohol
Concen: 85.333 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 59 Resp: 20238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 7.6 | 8.7 | 13.1# |

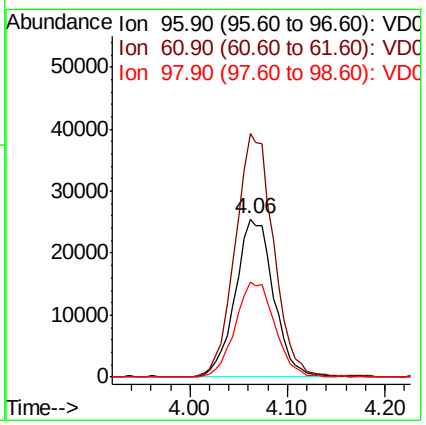


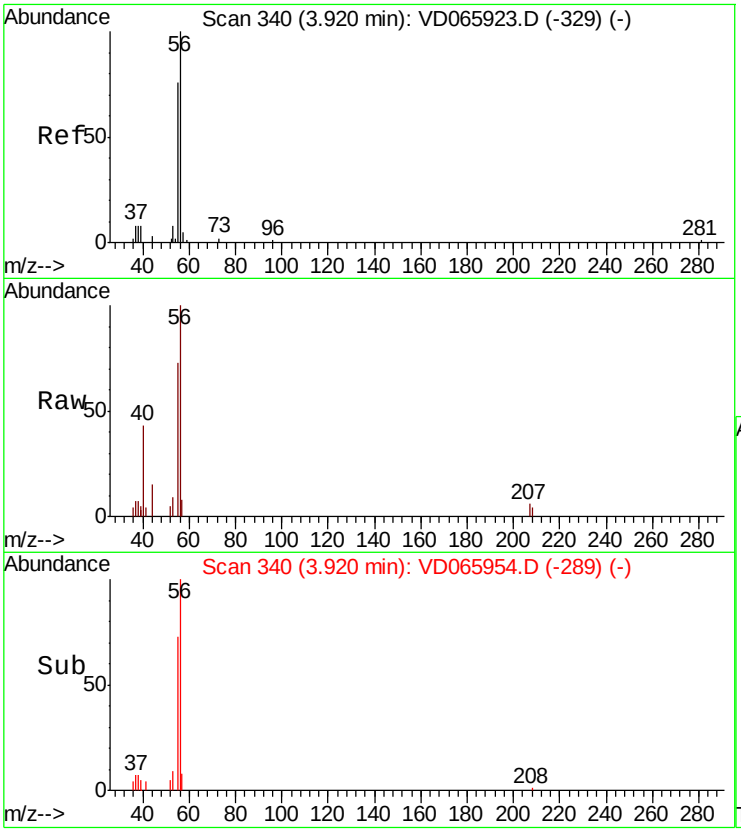




#12
1,1-Dichloroethene
Concen: 19.903 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 96 Resp: 69608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 153.9 | 120.2 | 180.2 |
| 98 | 59.8 | 50.6 | 76.0 |



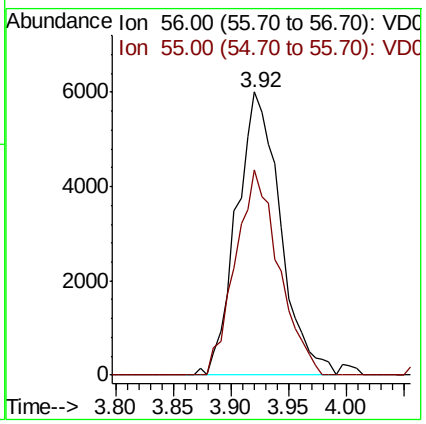


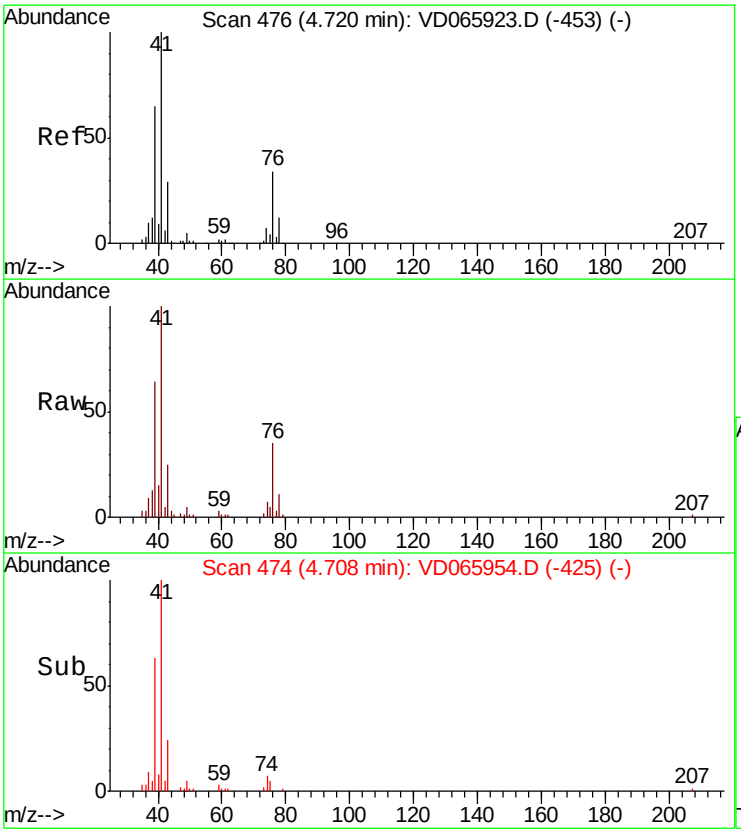

#13
Acrolein
Concen: 79.682 ug/l
RT: 3.92 min Scan# 340
Delta R.T. 0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 56 Resp: 15848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.8 | 55.0 | 82.6 |

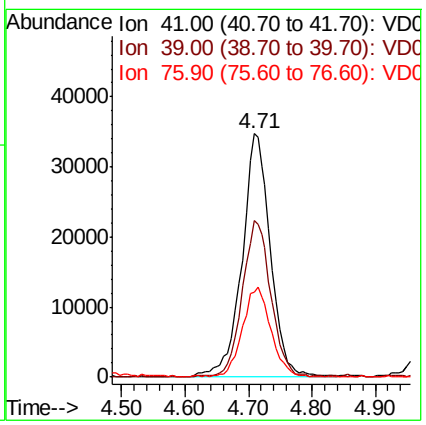


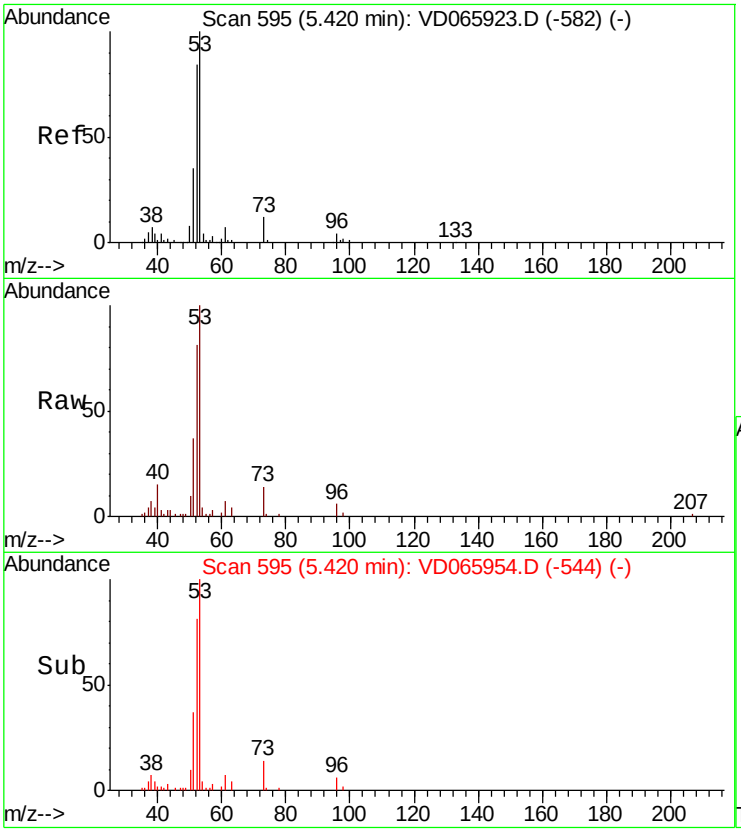




#14
Allyl chloride
Concen: 18.291 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 41 Resp: 108409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 64.8 | 52.2 | 78.4 |
| 76 | 37.1 | 28.1 | 42.1 |



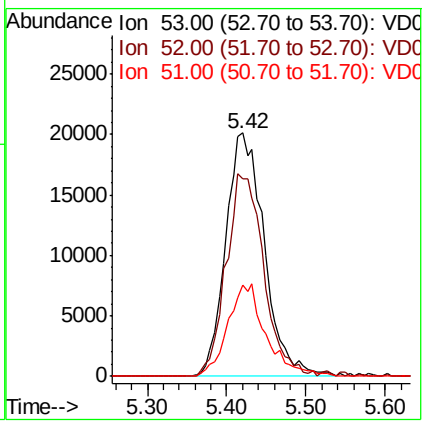


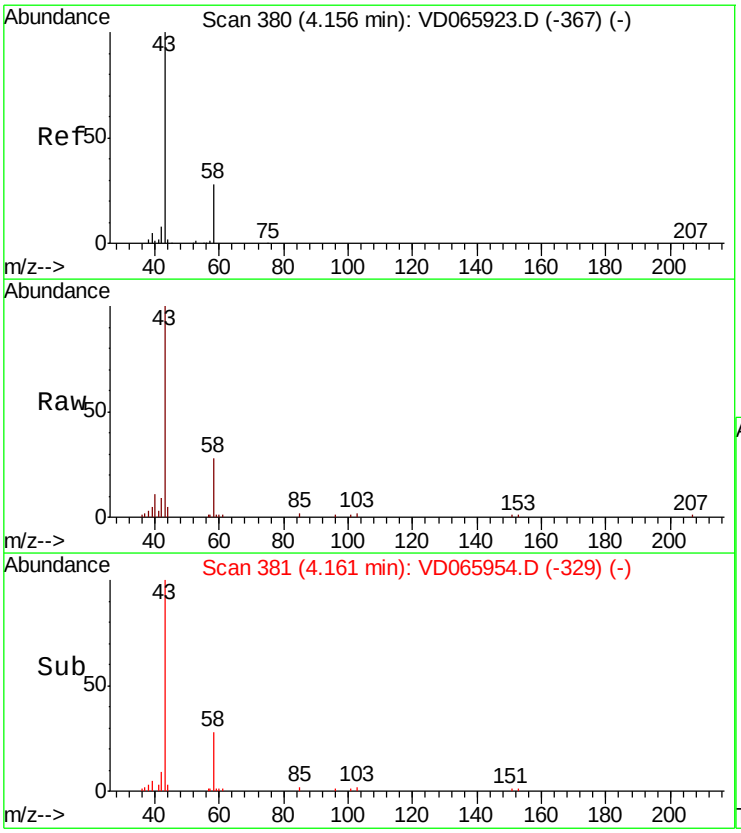

#15
Acrylonitrile
Concen: 90.191 ug/l
RT: 5.42 min Scan# 595
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 53 Resp: 67803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.0 | 66.3 | 99.5 |
| 51 | 37.5 | 29.8 | 44.8 |

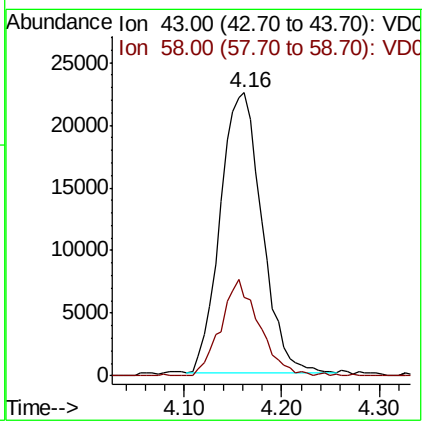


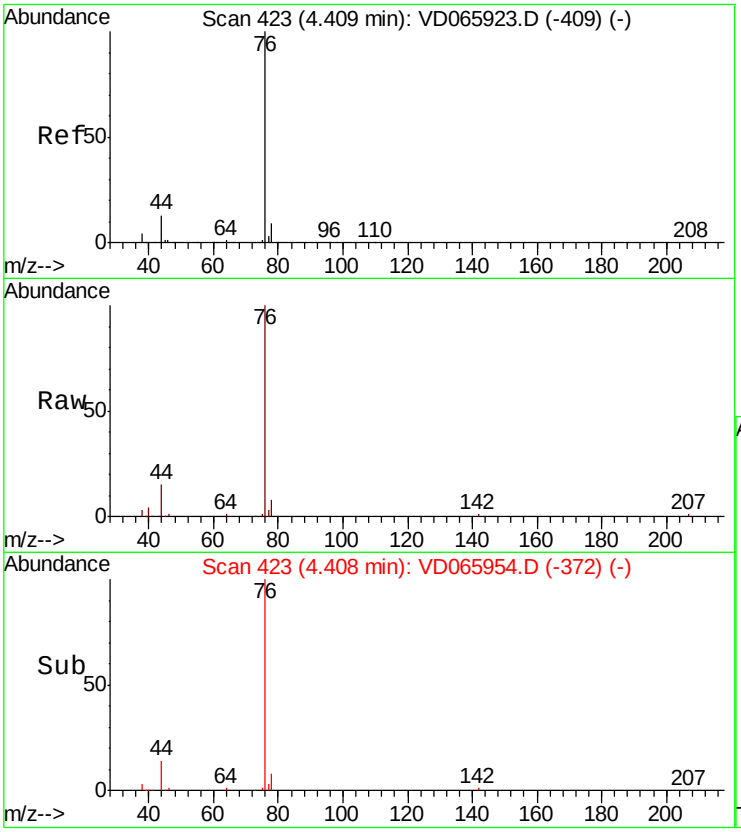




#16
Acetone
Concen: 88.645 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 43 Resp: 66442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.9 | 22.7 | 34.1 |



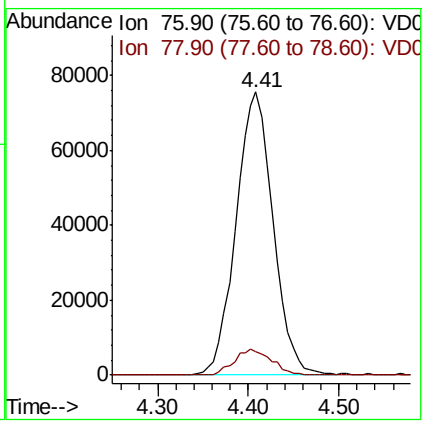


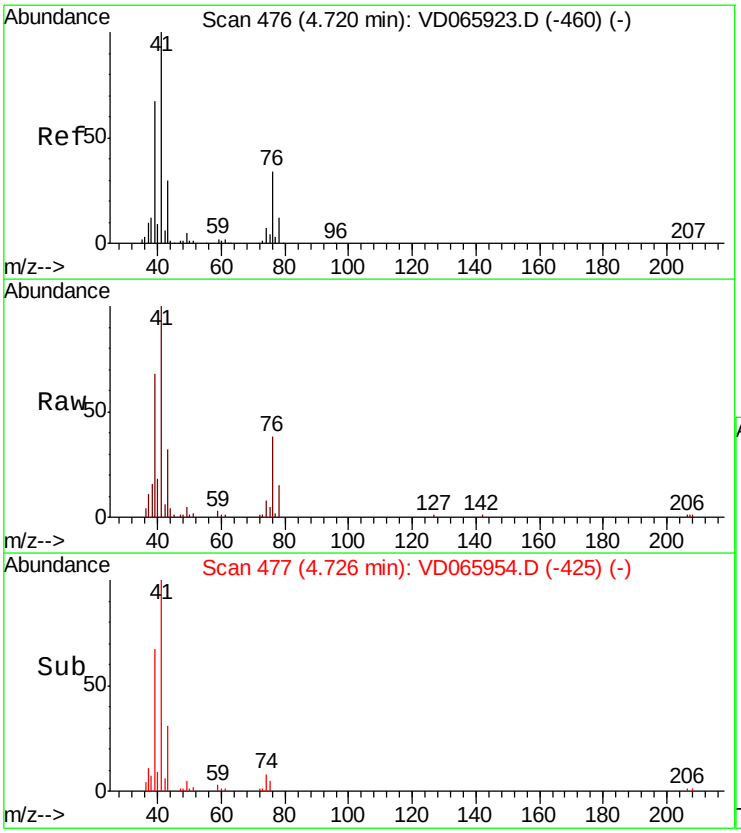

#17
Carbon Disulfide
Concen: 19.236 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Tgt Ion: 76 Resp: 214369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.3 | 7.5 | 11.3 |

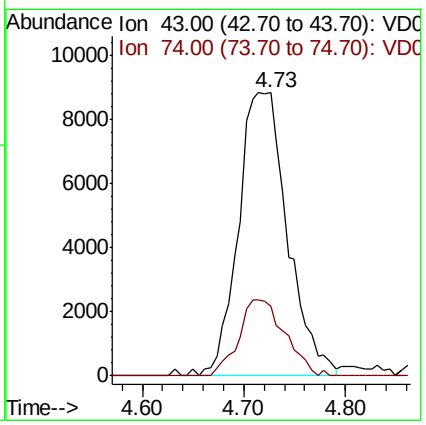


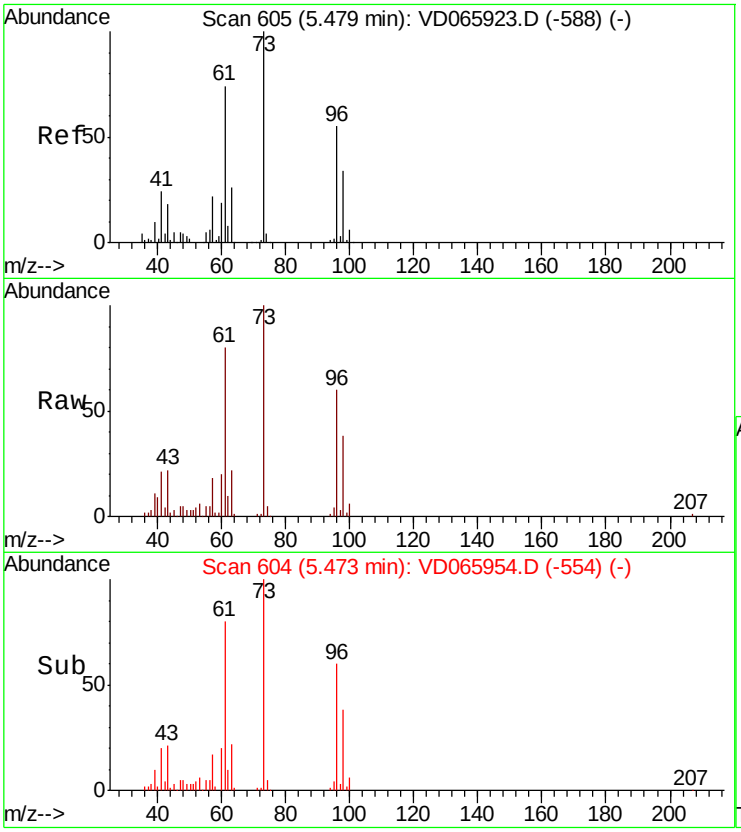




#18
Methyl Acetate
Concen: 16.931 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 43 Resp: 29748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.2 | 17.8 | 26.8 |



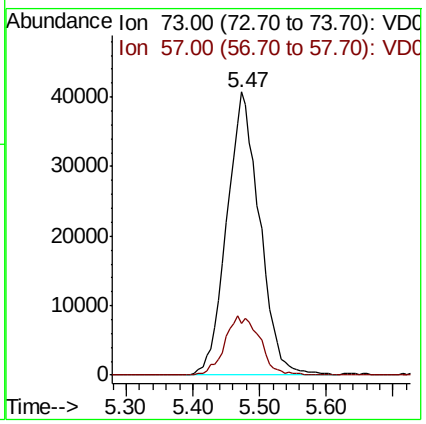


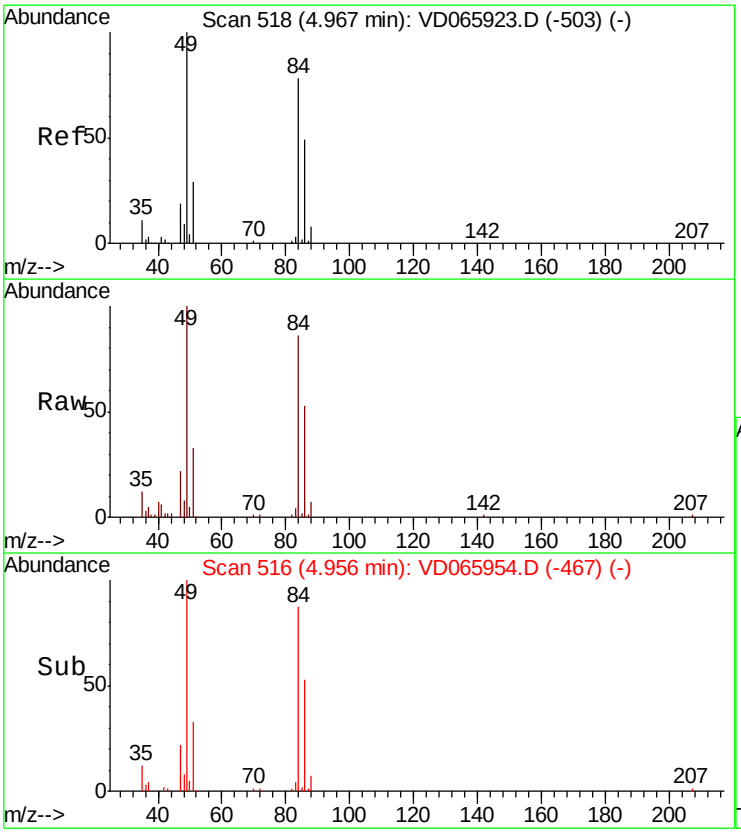

#19
Methyl tert-butyl Ether
Concen: 18.783 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Tgt Ion: 73 Resp: 139077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 18.3 | 17.7 | 26.5 |

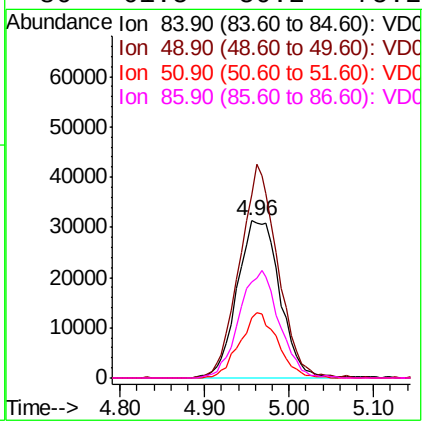


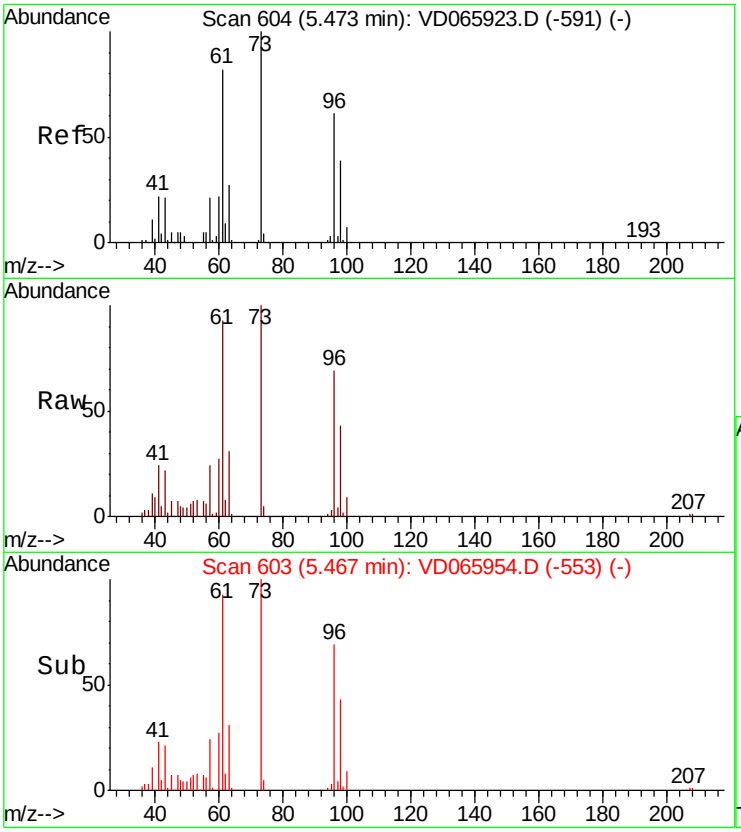




#20
Methylene Chloride
Concen: 21.539 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 84 Resp: 109453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 116.5 | 102.2 | 153.2 |
| 51 | 38.1 | 29.8 | 44.6 |
| 86 | 61.5 | 50.2 | 75.2 |



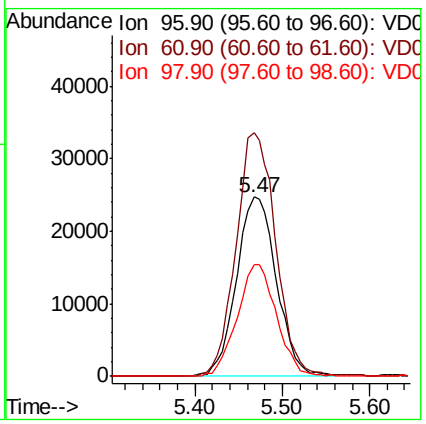


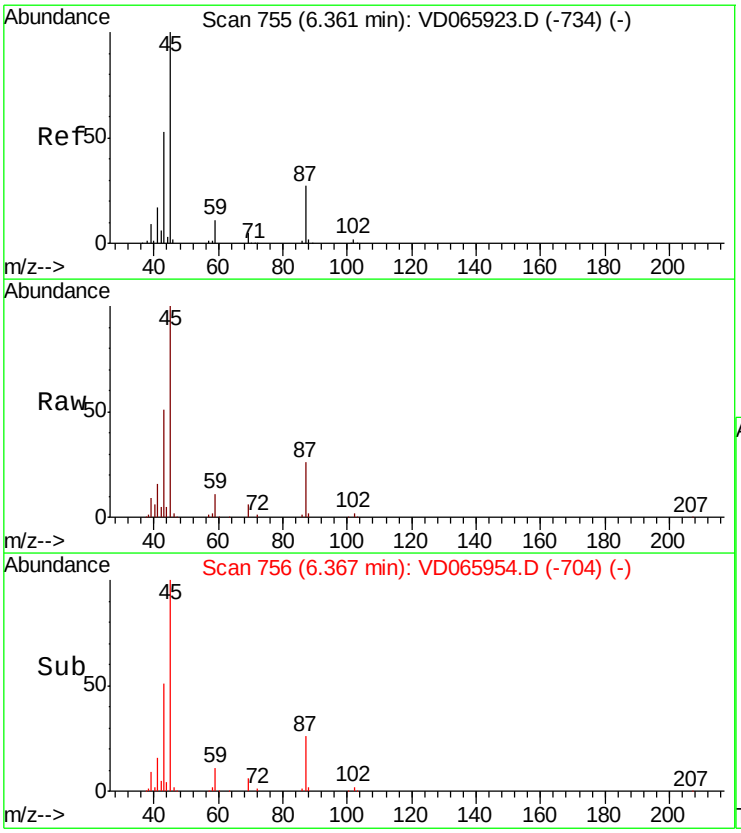

#21
trans-1,2-Dichloroethene
Concen: 19.500 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 96 Resp: 76733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 135.7 | 106.6 | 160.0 |
| 98 | 62.5 | 51.0 | 76.6 |

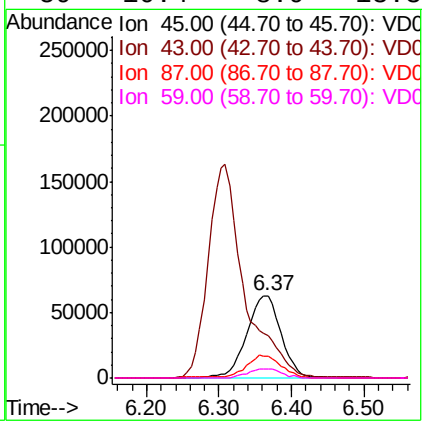


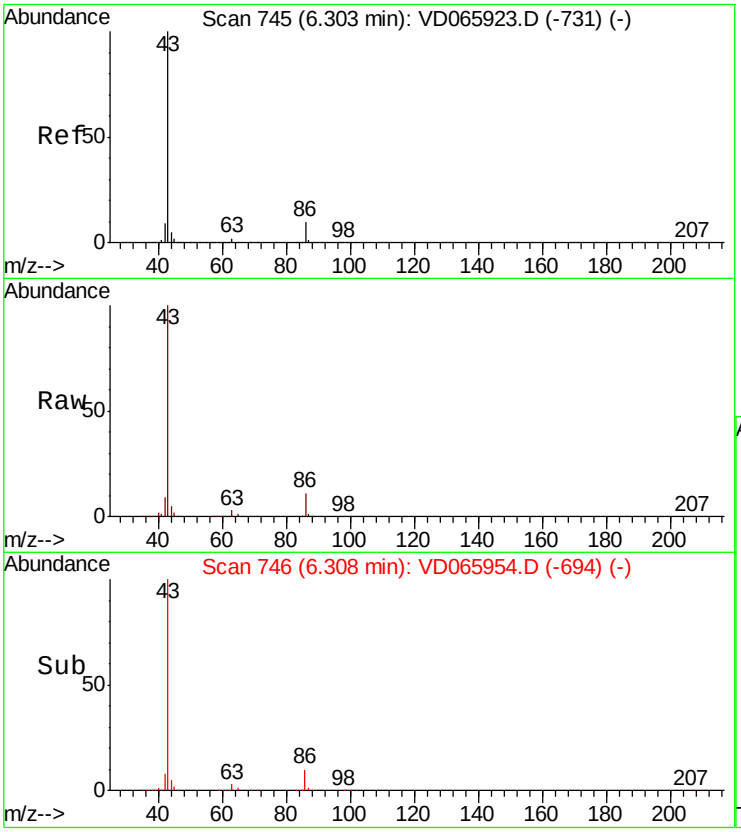




#22
Diisopropyl ether
Concen: 18.551 ug/l
RT: 6.37 min Scan# 756
Delta R.T. 0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 45 Resp: 206631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 50.0 | 42.5 | 63.7 |
| 87 | 25.8 | 22.2 | 33.2 |
| 59 | 10.4 | 8.9 | 13.3 |



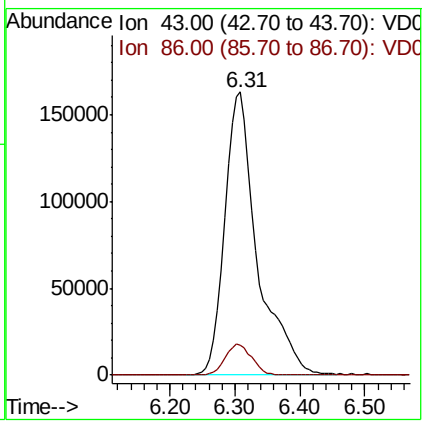


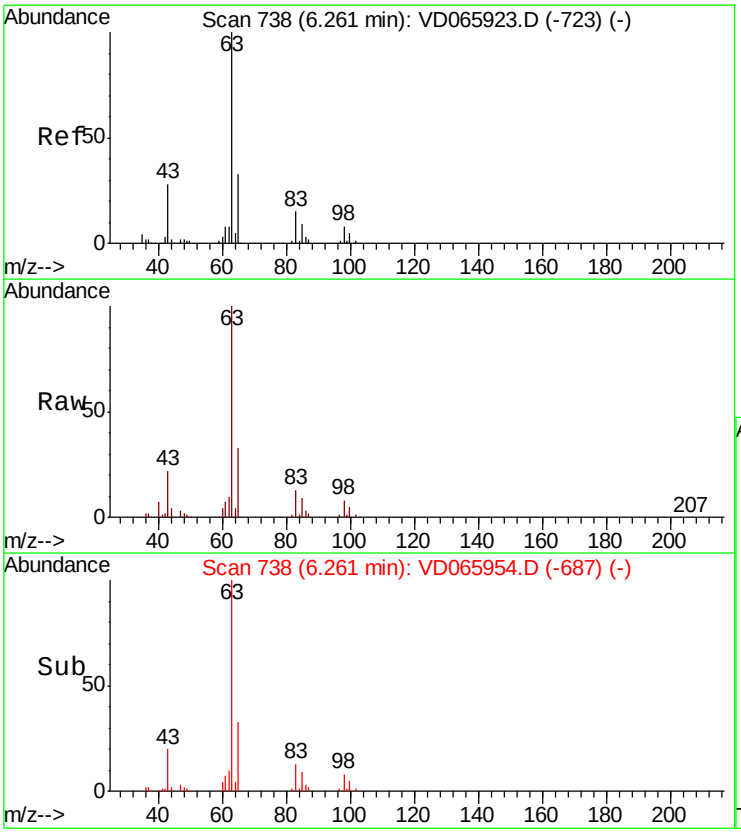

#23
Vinyl Acetate
Concen: 88.930 ug/l
RT: 6.31 min Scan# 746
Delta R.T. 0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Tgt Ion: 43 Resp: 565393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.6 | 8.1 | 12.1 |

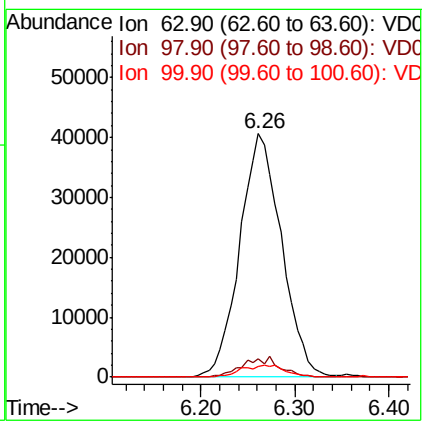


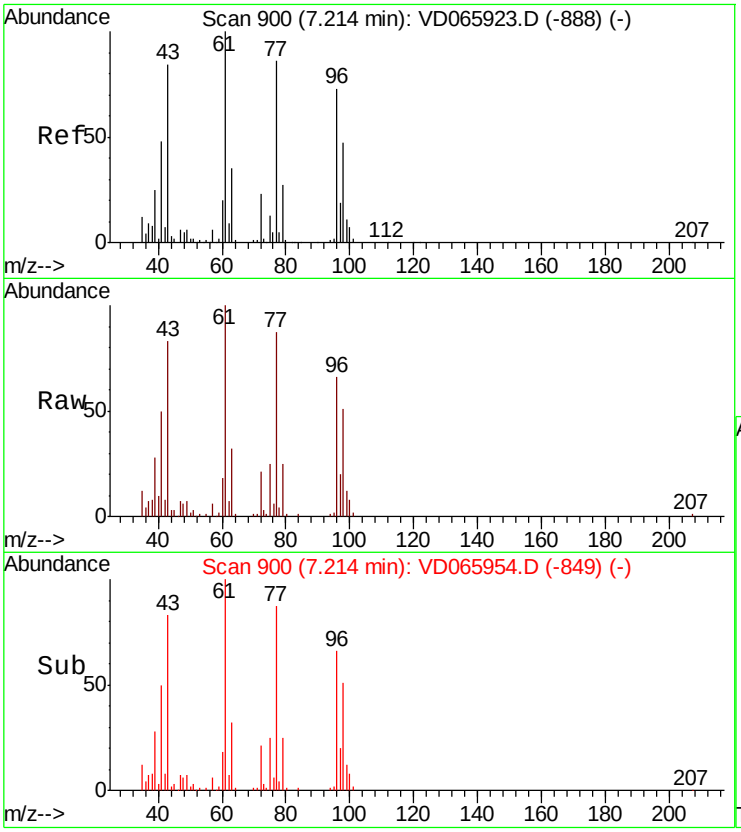




#24
1,1-Dichloroethane
Concen: 18.818 ug/l
RT: 6.26 min Scan# 738
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 63 Resp: 124980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.7 | 3.8 | 11.4 |
| 100 | 4.6 | 2.5 | 7.5 |



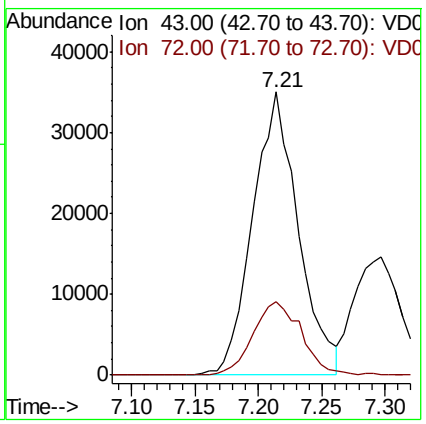


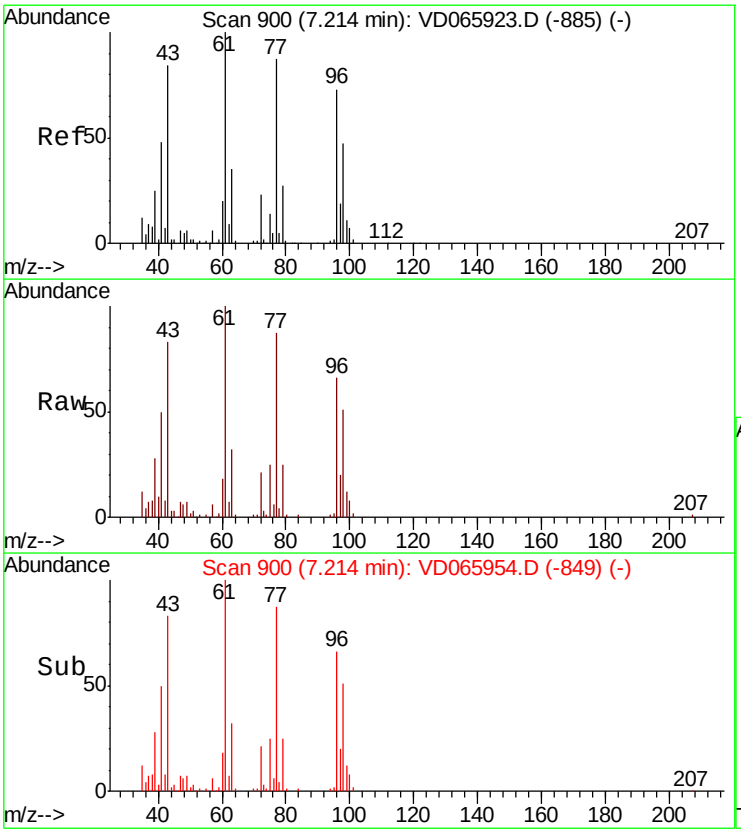

#25
2-Butanone
Concen: 88.404 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 43 Resp: 87558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.0 | 22.1 | 33.1 |

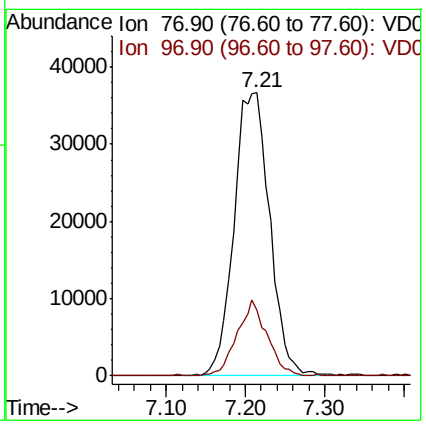


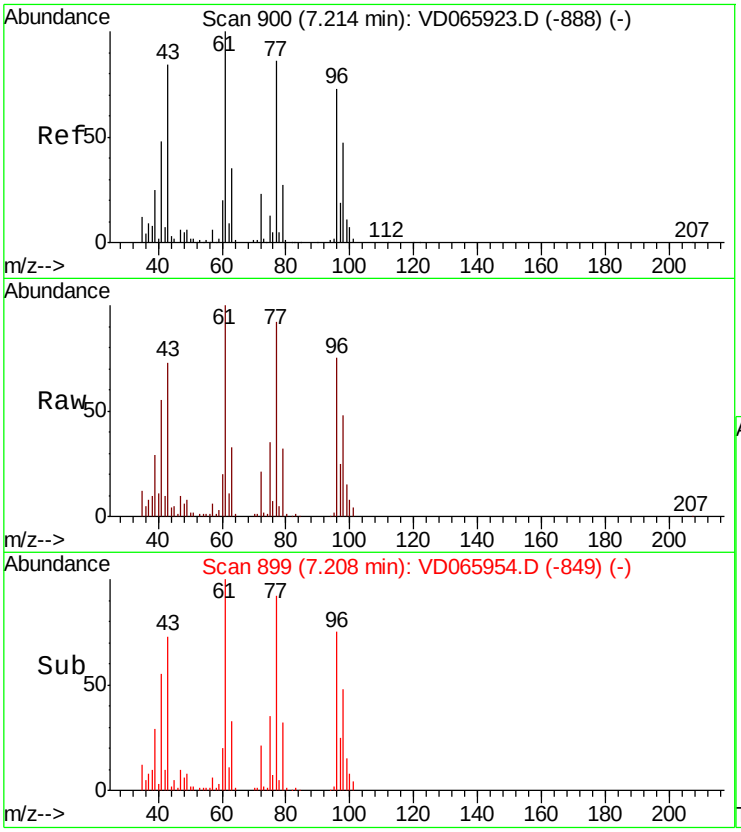




#26
2,2-Dichloropropane
Concen: 19.700 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 77 Resp: 114461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.5 | 11.6 | 34.8 |



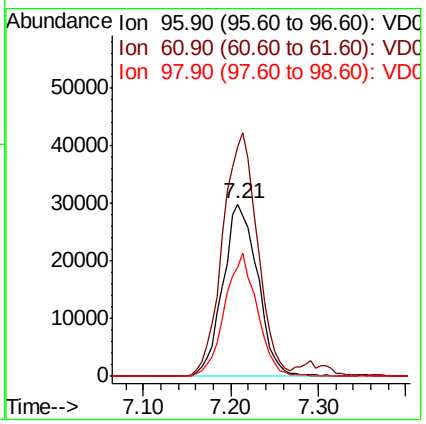


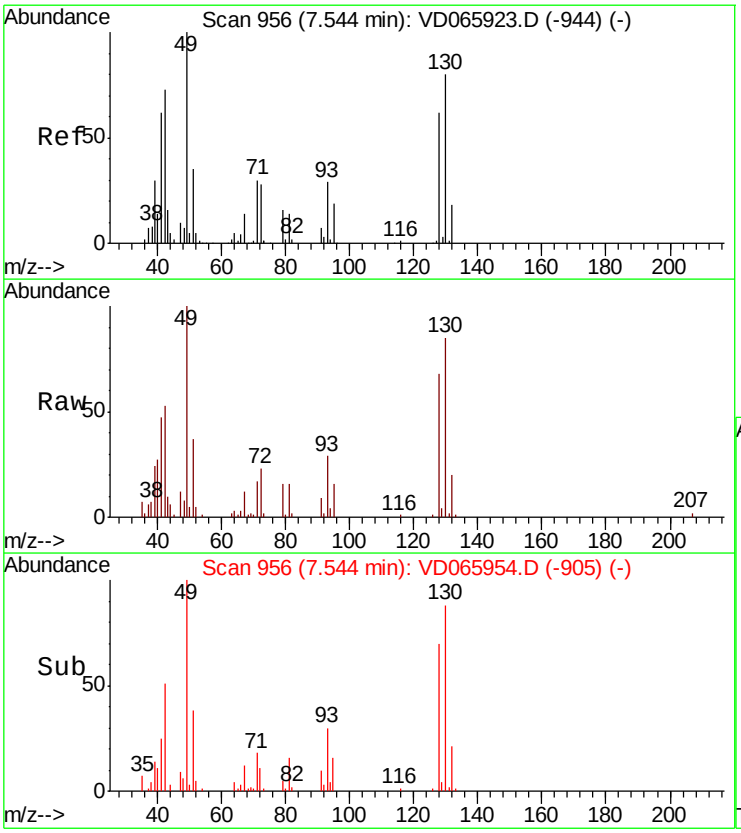

#27
cis-1,2-Dichloroethene
Concen: 19.106 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Tgt Ion: 96 Resp: 80779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 141.6 | 0.0 | 286.6 |
| 98 | 66.4 | 0.0 | 128.2 |

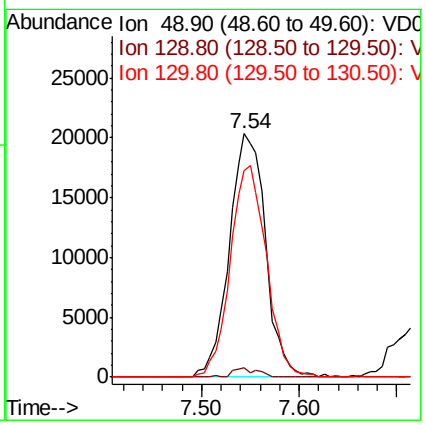


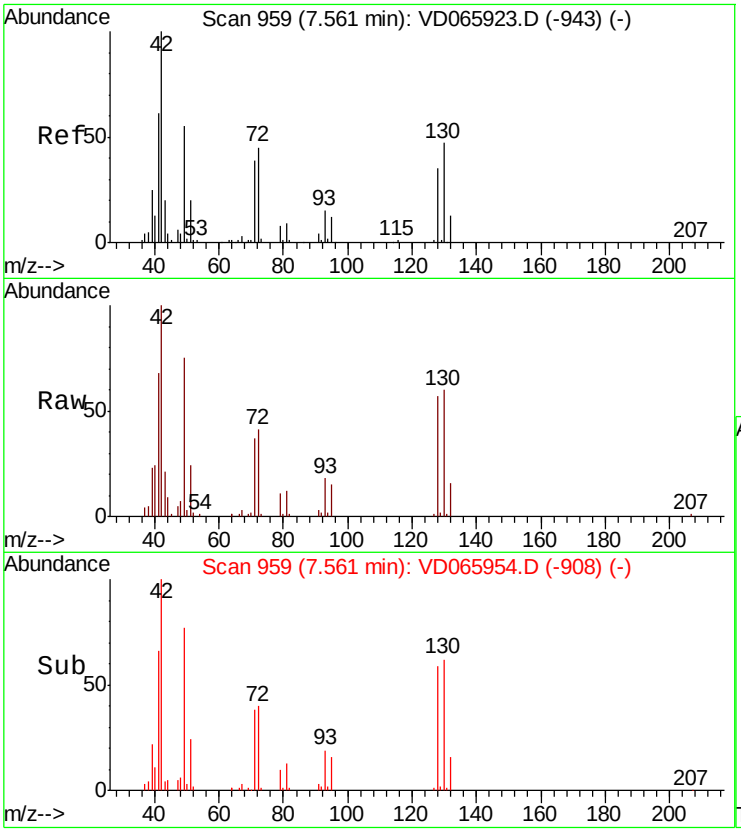




#28
Bromochloromethane
Concen: 20.981 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 49 Resp: 52640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.6 | 0.0 | 4.8 |
| 130 | 86.6 | 65.8 | 98.8 |



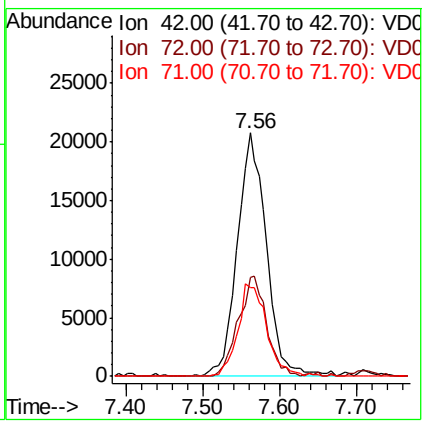


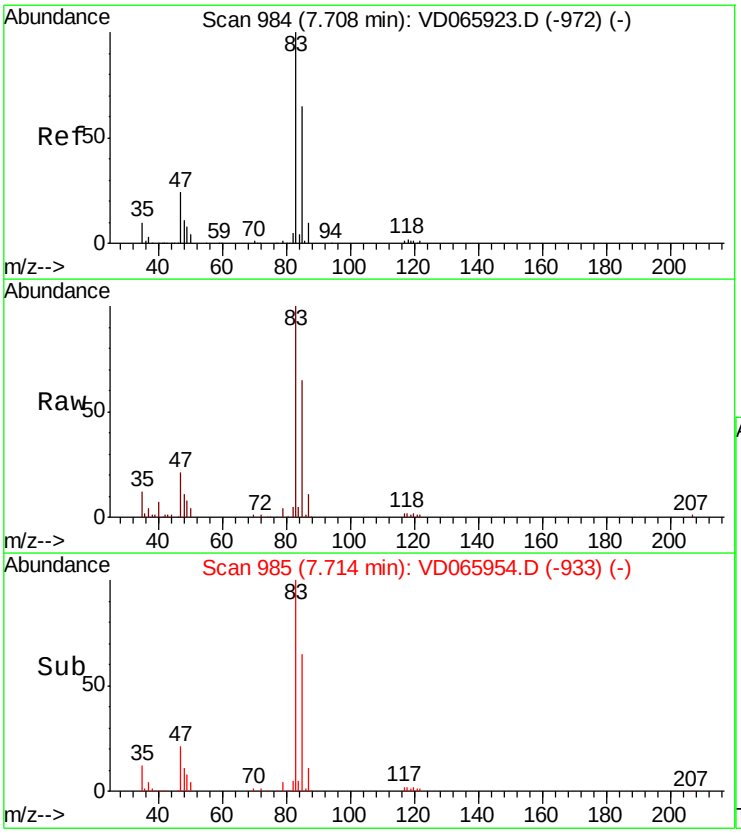

#29
Tetrahydrofuran
Concen: 87.427 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 42 Resp: 55061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 39.7 | 32.8 | 49.2 |
| 71 | 37.1 | 31.0 | 46.4 |

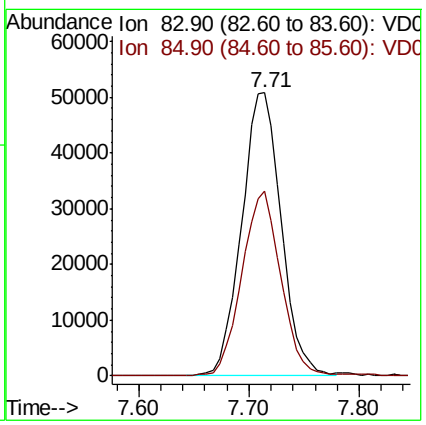


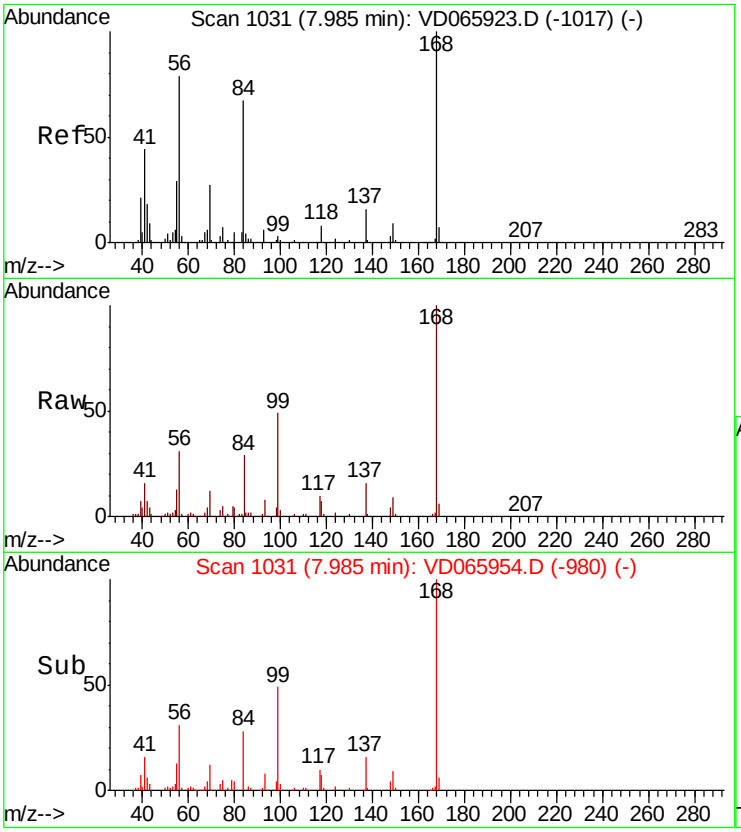




#30
Chloroform
Concen: 18.990 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 83 Resp: 127863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.4 | 51.6 | 77.4 |



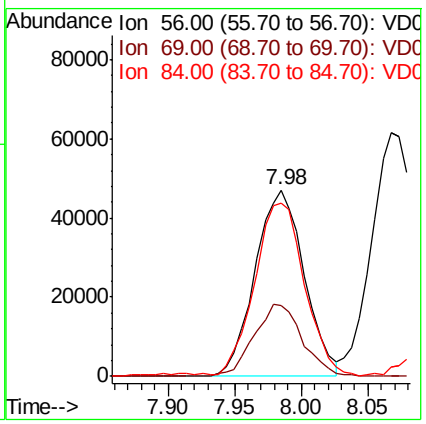


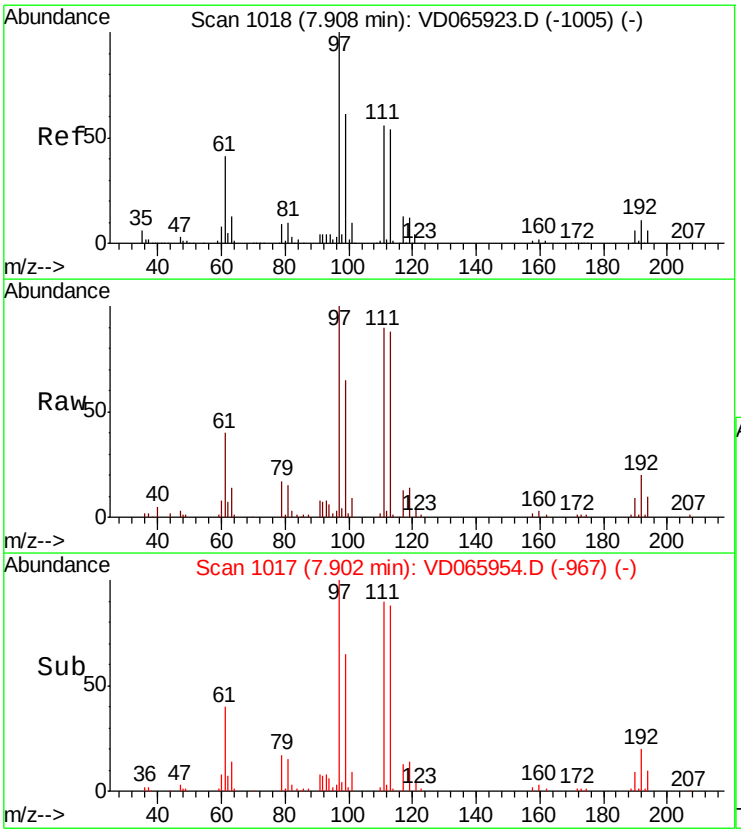

#31
Cyclohexane
Concen: 18.399 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 56 Resp: 120235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 37.7 | 27.4 | 41.0 |
| 84 | 91.6 | 68.6 | 102.8 |

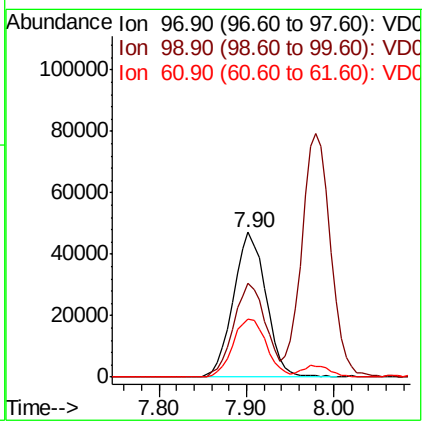


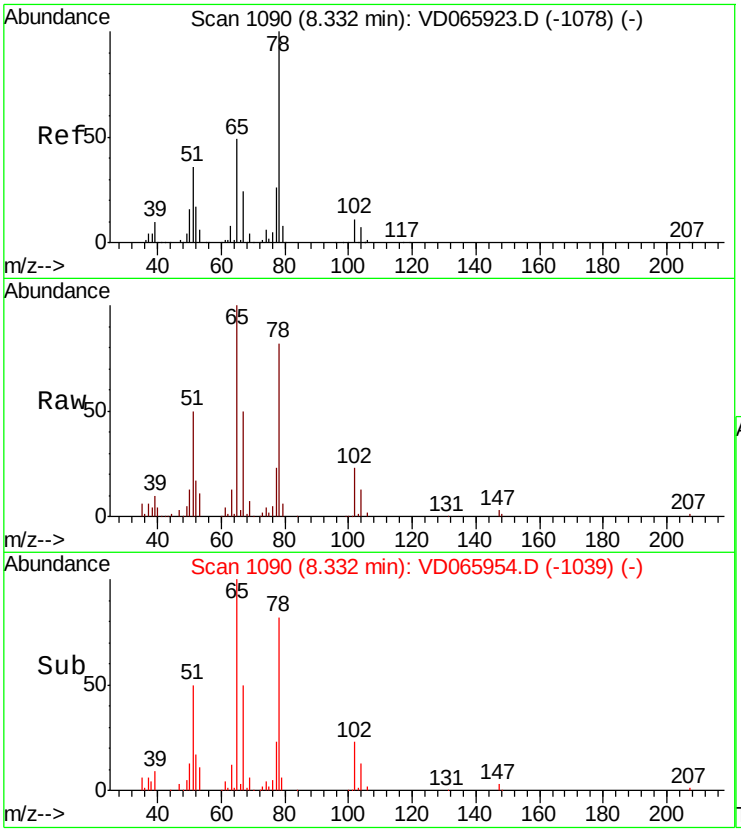




#32
1,1,1-Trichloroethane
Concen: 19.371 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 97 Resp: 119025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.9 | 51.6 | 77.4 |
| 61 | 41.2 | 33.6 | 50.4 |



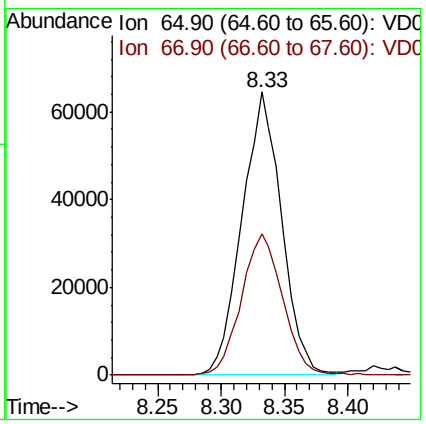


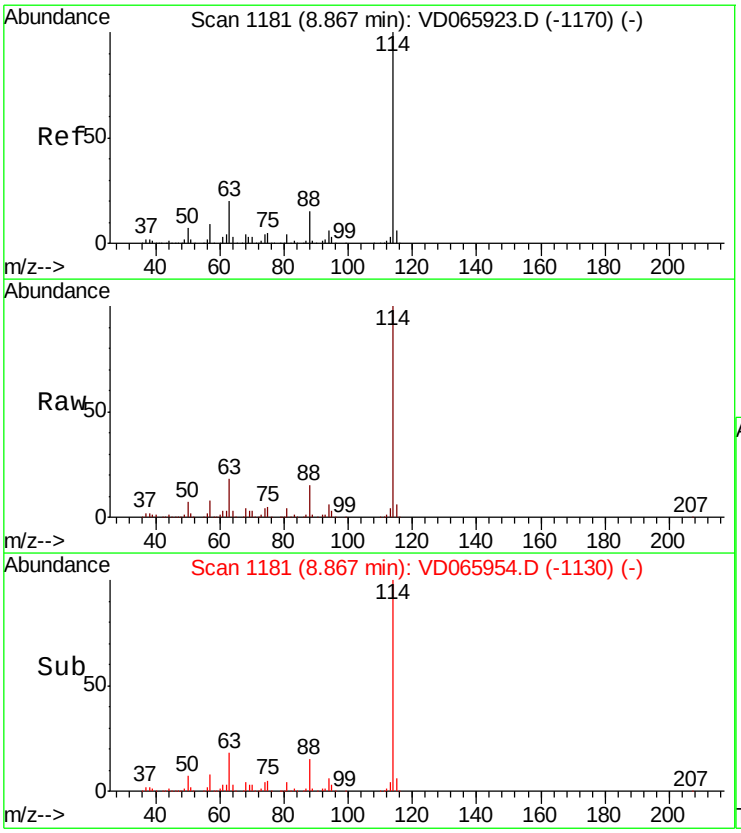

#33
1,2-Dichloroethane-d4
Concen: 43.901 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 65 Resp: 140404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.9 | 0.0 | 105.6 |

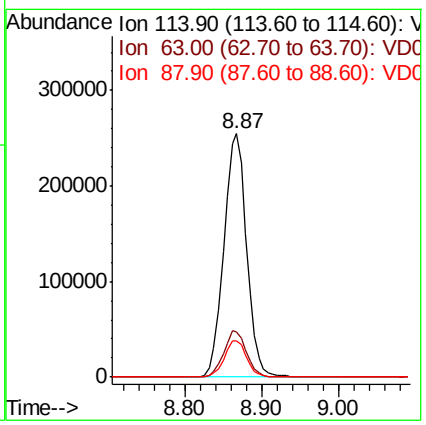


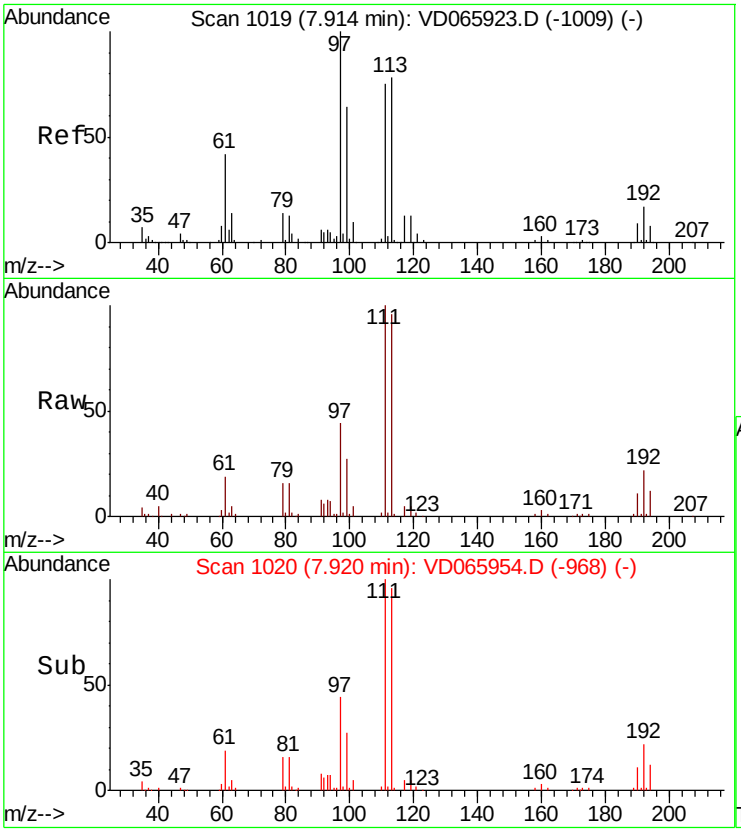




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion:114 Resp: 523797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.4 | 0.0 | 39.2 |
| 88 | 14.8 | 0.0 | 30.0 |



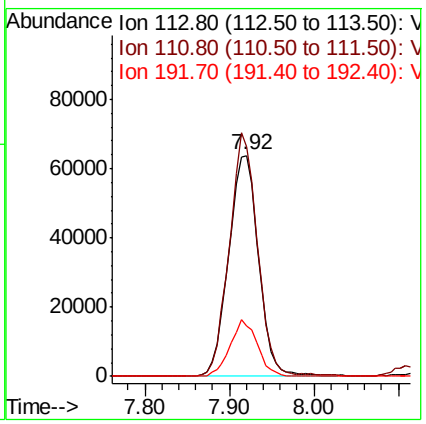


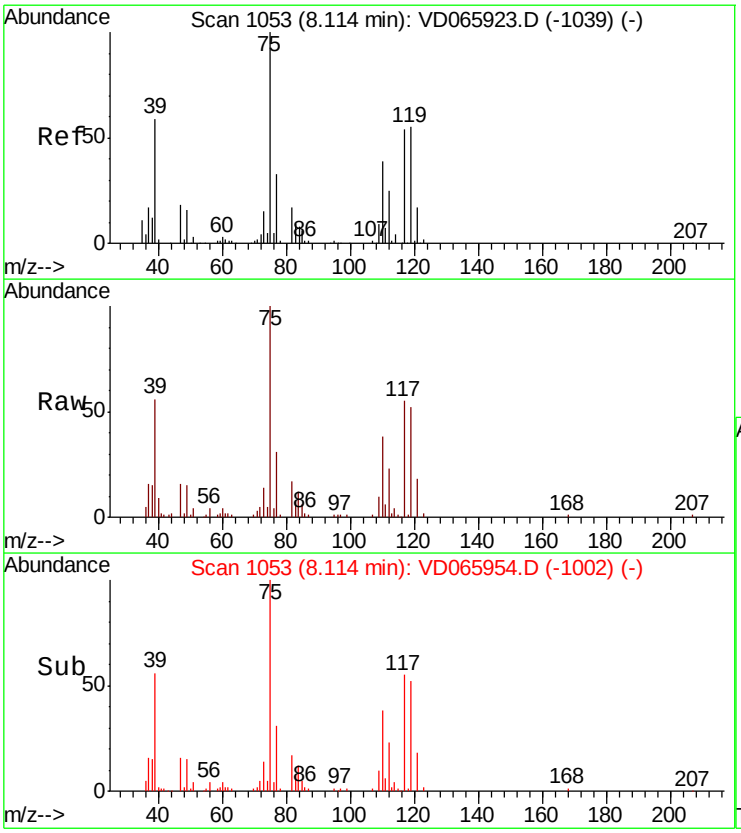

#35
Dibromofluoromethane
Concen: 48.146 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion:113 Resp: 155570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.0 | 80.9 | 121.3 |
| 192 | 23.3 | 17.1 | 25.7 |

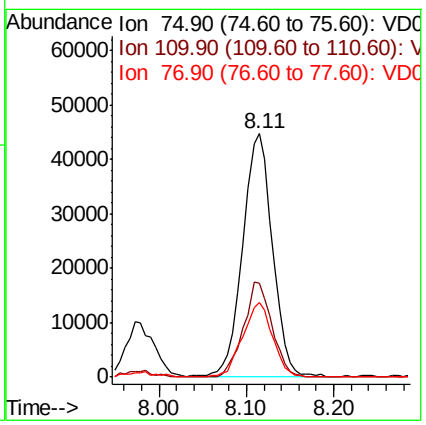


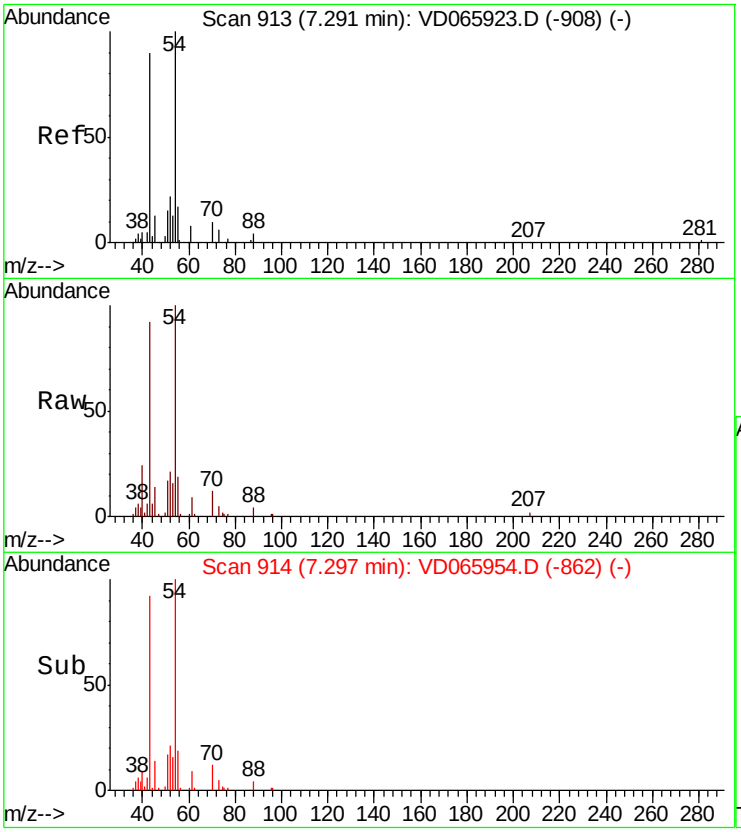




#36
1,1-Dichloropropene
Concen: 19.978 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 75 Resp: 103350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 37.2 | 18.5 | 55.5 |
| 77 | 30.7 | 25.6 | 38.4 |



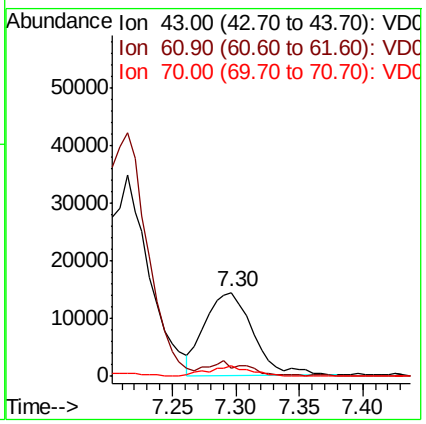


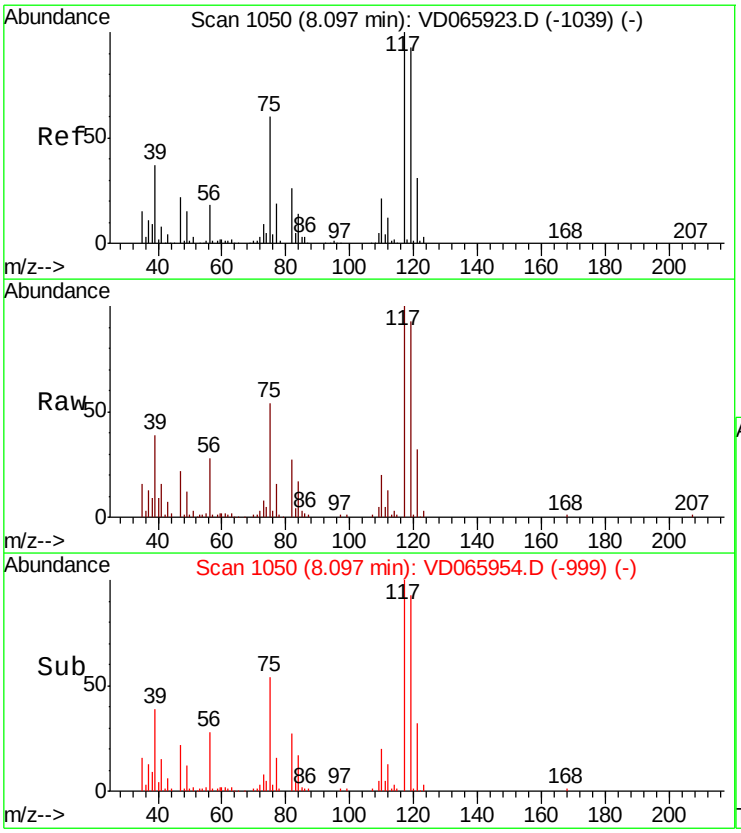

#37
Ethyl Acetate
Concen: 17.462 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Tgt Ion: 43 Resp: 37851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.6 | 9.4 | 14.0# |
| 70 | 10.7 | 8.3 | 12.5 |

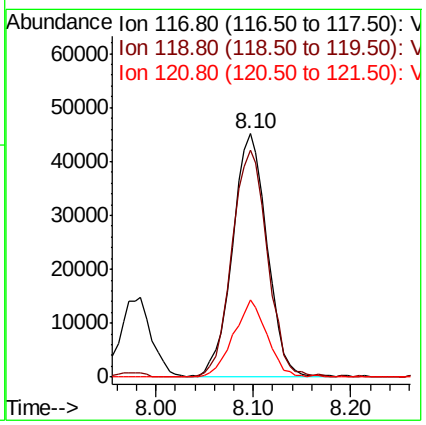


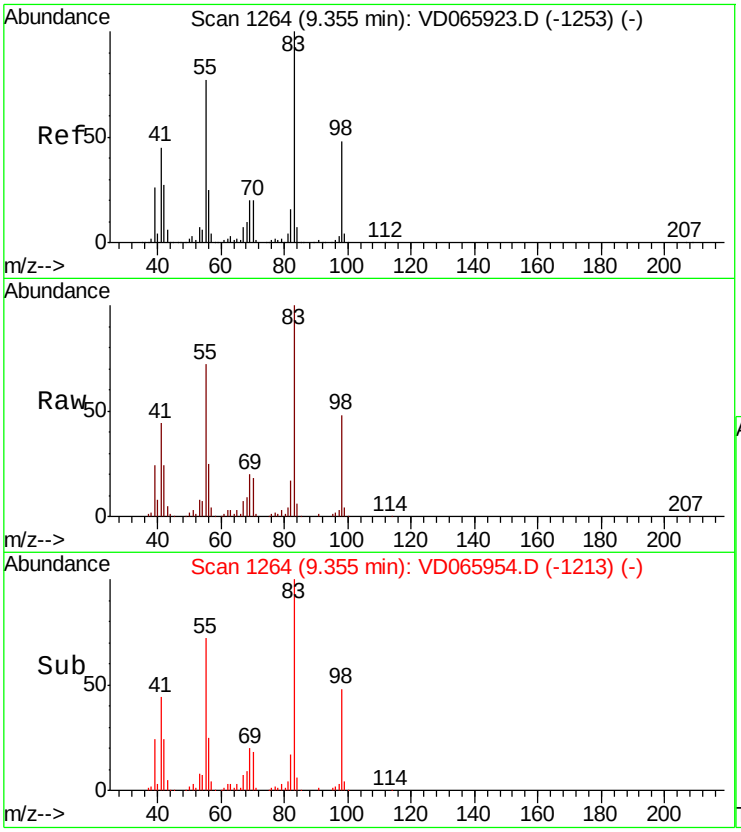




#38
Carbon Tetrachloride
Concen: 20.143 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion:117 Resp: 111690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.3 | 74.7 | 112.1 |
| 121 | 31.6 | 24.9 | 37.3 |



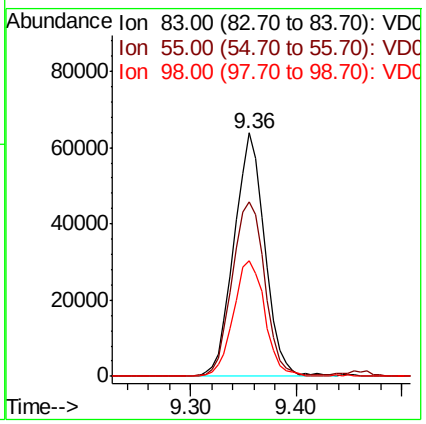


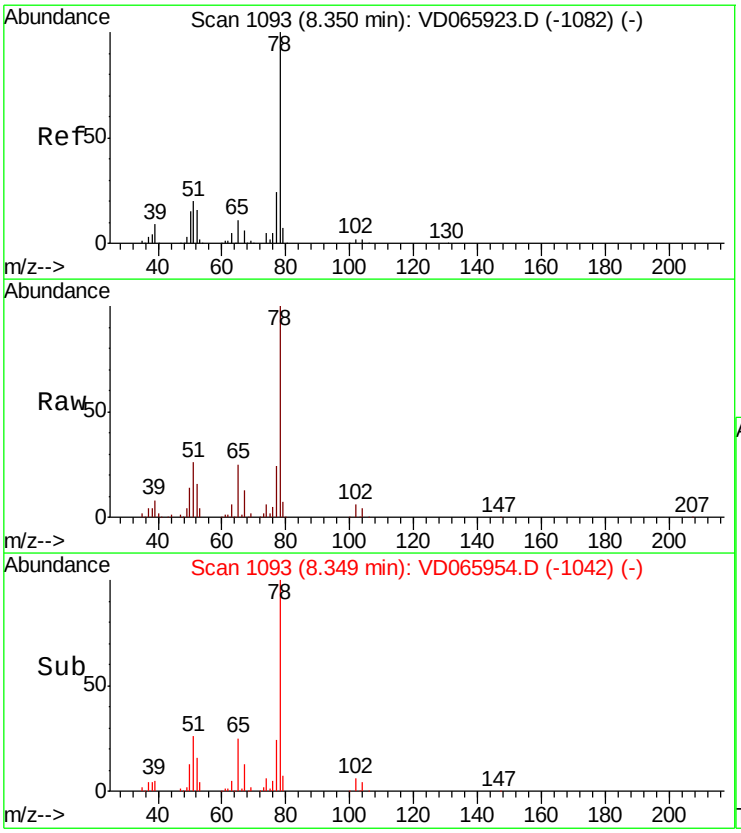

#39
Methylcyclohexane
Concen: 20.331 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 83 Resp: 129130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 71.5 | 61.7 | 92.5 |
| 98 | 47.6 | 38.6 | 58.0 |

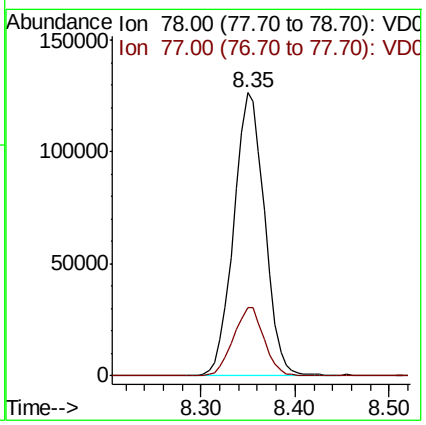


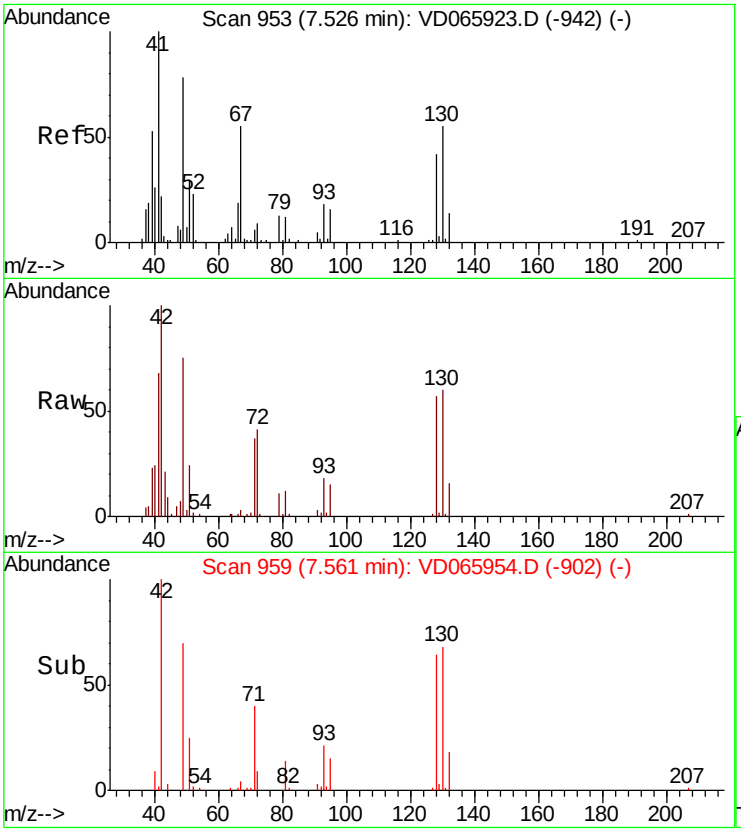




#40
Benzene
Concen: 20.182 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 78 Resp: 288441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.0 | 19.4 | 29.0 |



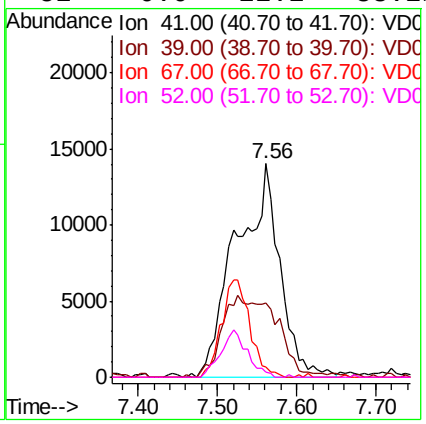


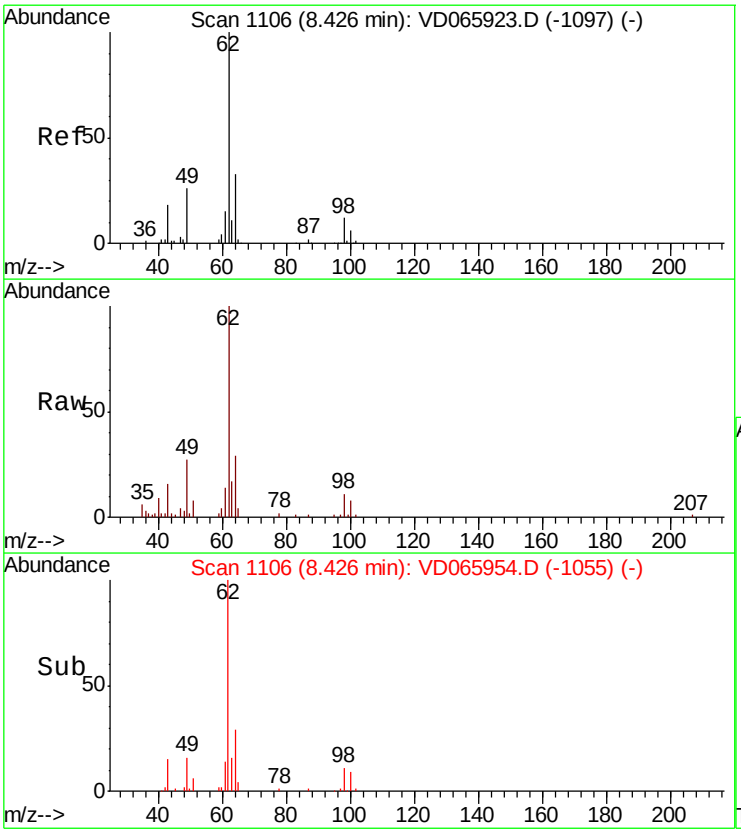

#41
Methacrylonitrile
Concen: 42.689 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Tgt Ion: 41 Resp: 53723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 0.0 | 42.4 | 63.6# |
| 67 | 0.0 | 53.6 | 80.4# |
| 52 | 0.0 | 22.2 | 33.2# |

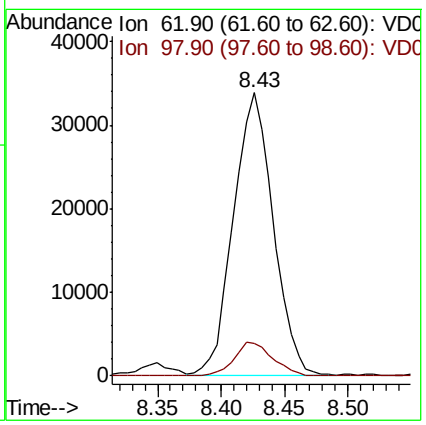


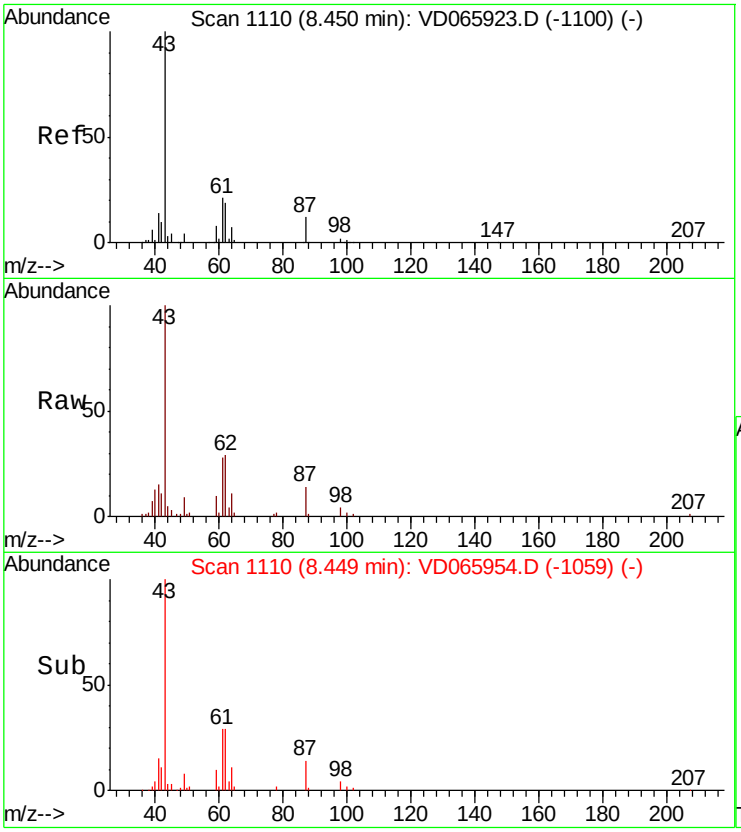




#42
1,2-Dichloroethane
Concen: 18.338 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 62 Resp: 74245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 11.3 | 0.0 | 20.0 |



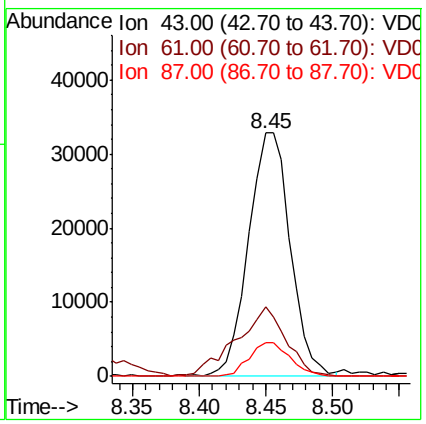


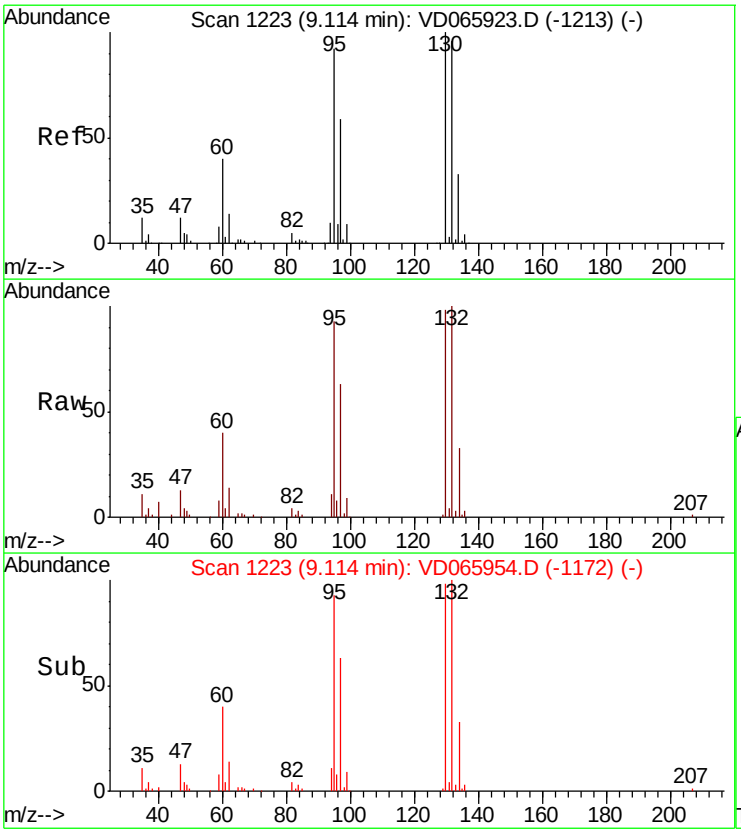

#43
Isopropyl Acetate
Concen: 17.668 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Tgt Ion: 43 Resp: 71284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 34.1 | 23.2 | 34.8 |
| 87 | 13.5 | 10.0 | 15.0 |

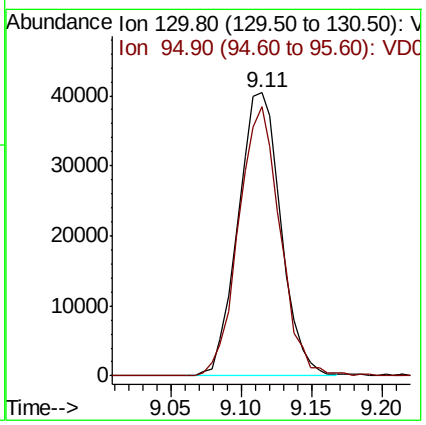


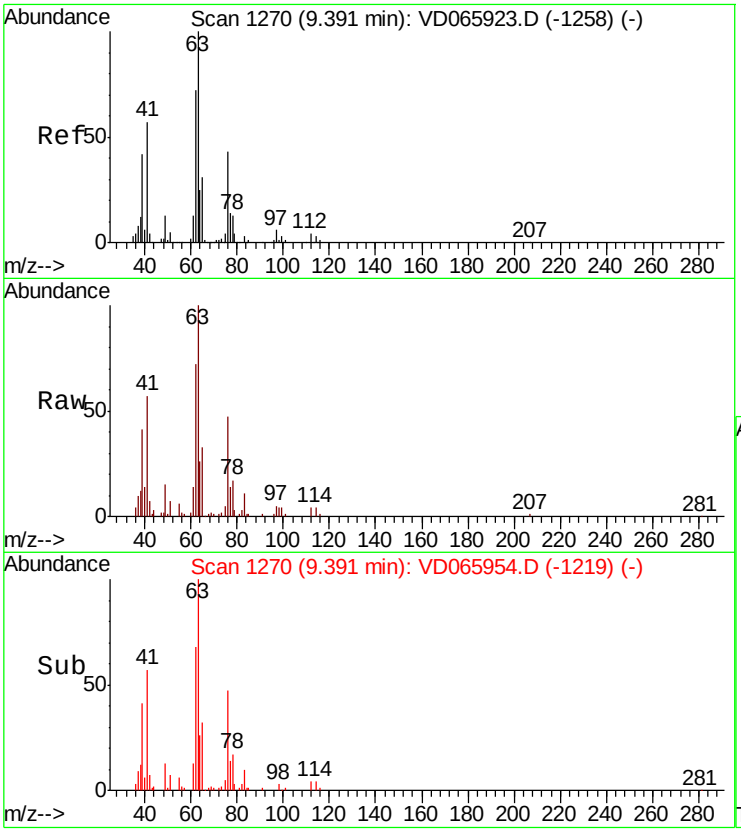




#44
Trichloroethene
Concen: 20.460 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion:130 Resp: 85914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 95.0 | 0.0 | 184.6 |



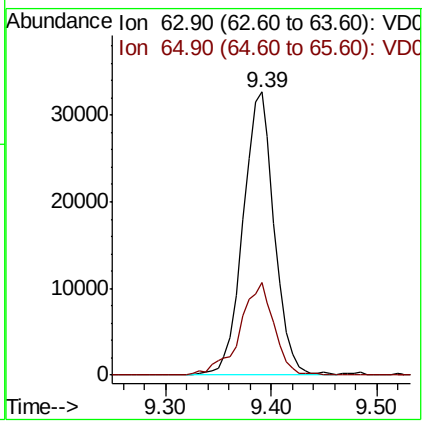


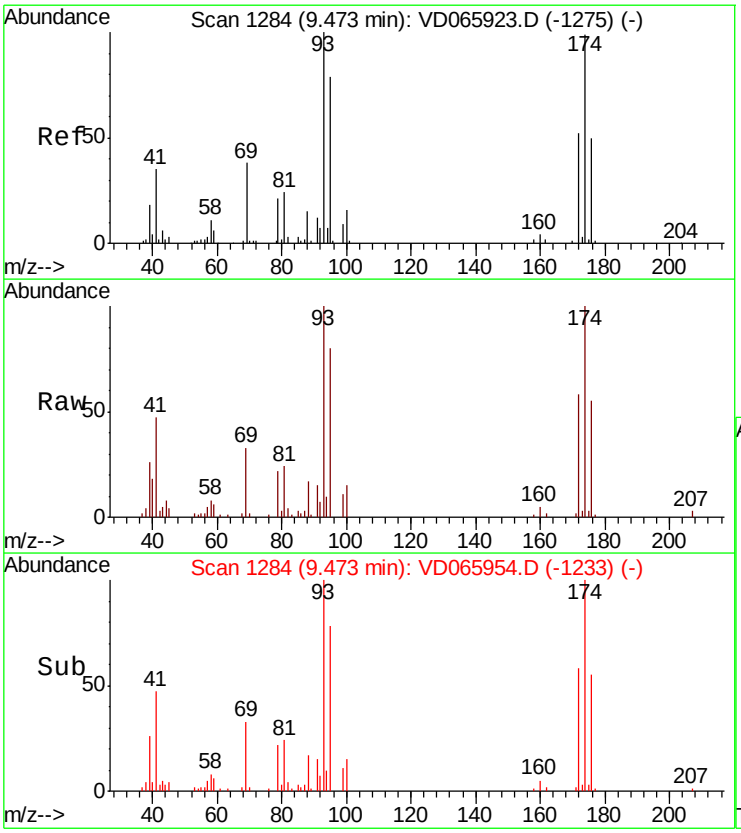

#45
1,2-Dichloropropane
Concen: 18.921 ug/l
RT: 9.39 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 63 Resp: 67115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.9 | 25.0 | 37.6 |

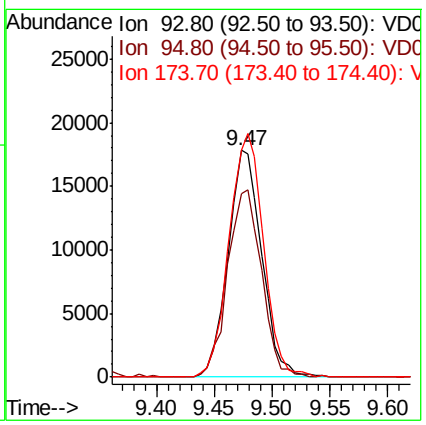


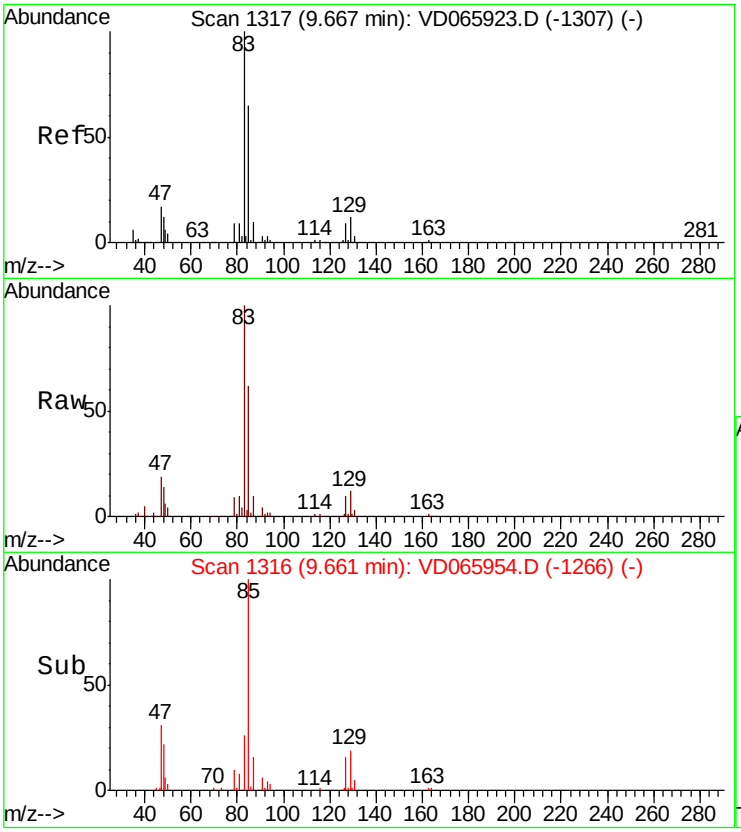




#46
Dibromomethane
Concen: 19.505 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 93 Resp: 36021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.2 | 68.2 | 102.2 |
| 174 | 109.6 | 88.0 | 132.0 |



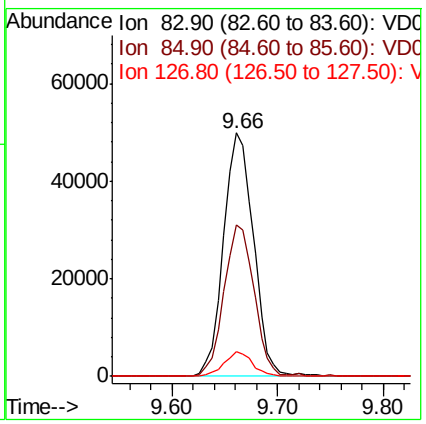


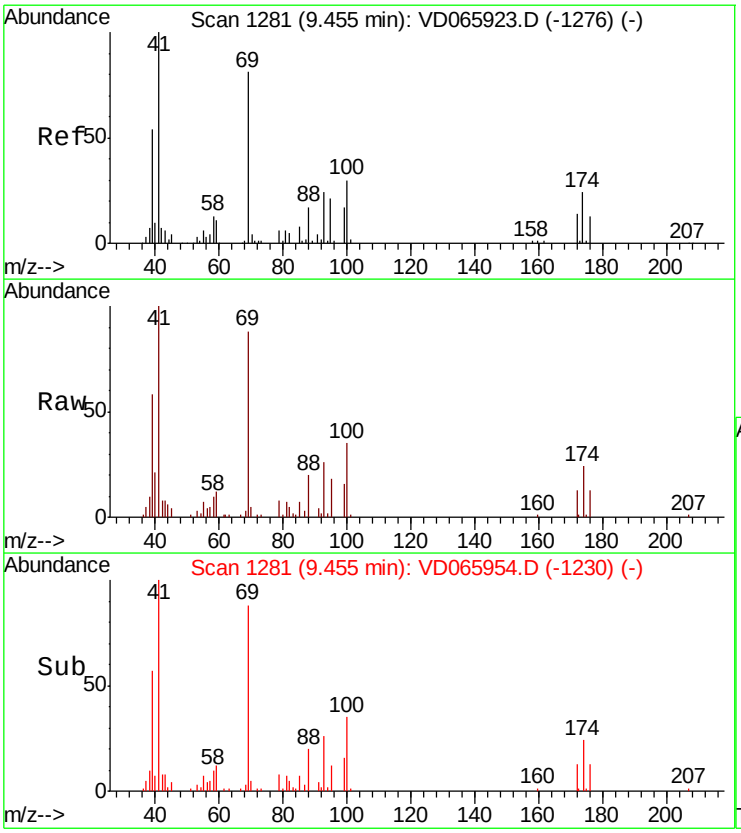

#47
Bromodichloromethane
Concen: 19.739 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Tgt Ion: 83 Resp: 97784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.2 | 51.6 | 77.4 |
| 127 | 10.0 | 7.2 | 10.8 |

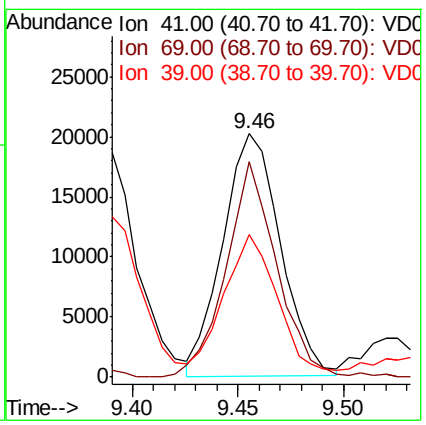


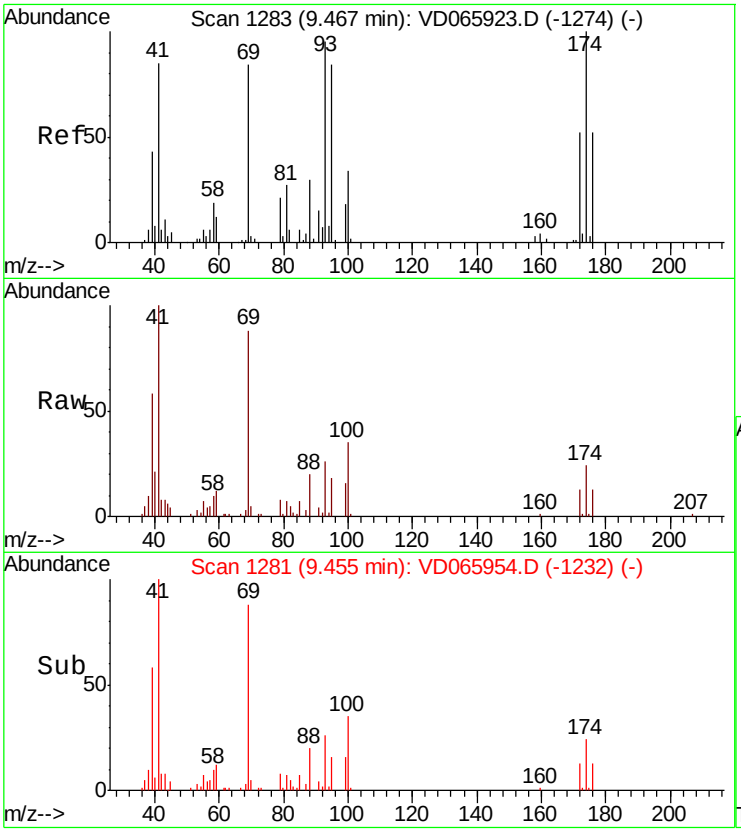




#48
Methyl methacrylate
Concen: 18.836 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 41 Resp: 38259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 77.6 | 62.2 | 93.4 |
| 39 | 49.6 | 39.9 | 59.9 |



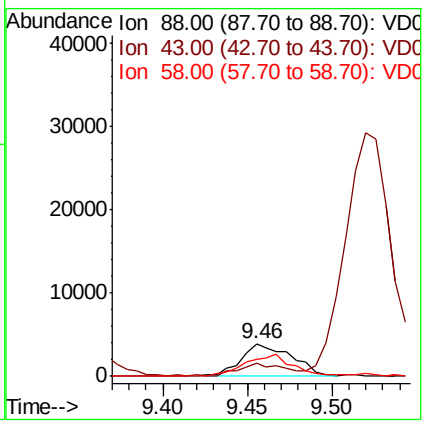


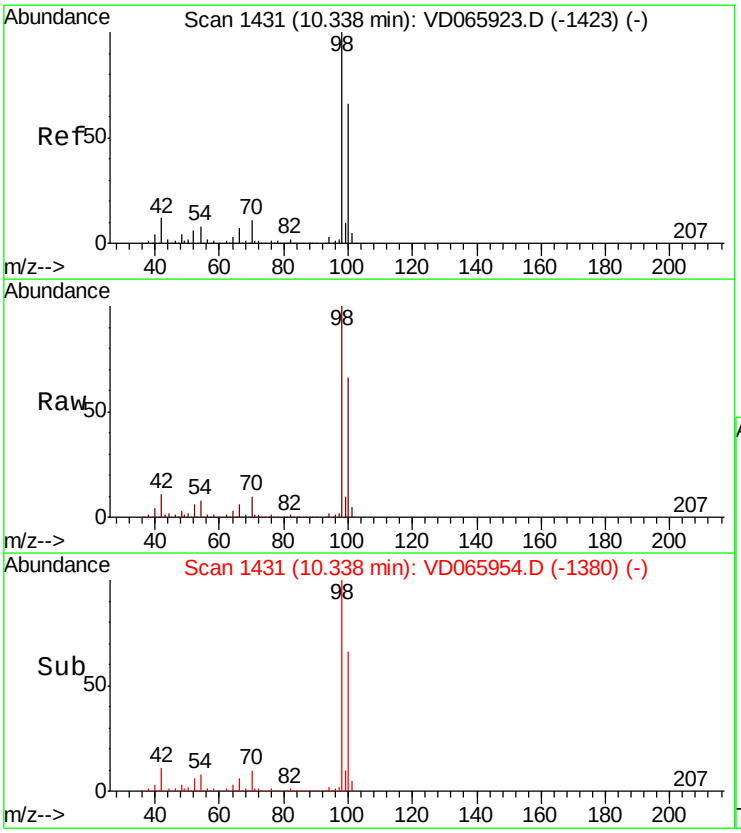

#49
1,4-Dioxane
Concen: 375.062 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 88 Resp: 8230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 34.7 | 28.2 | 42.4 |
| 58 | 64.1 | 58.6 | 87.8 |

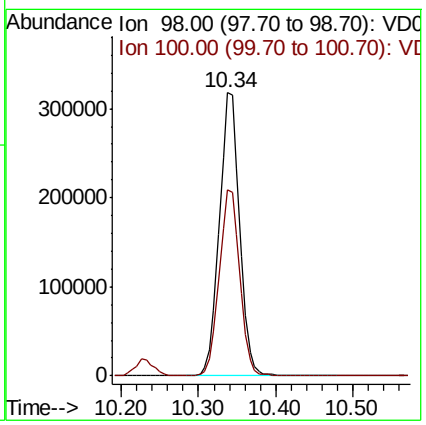


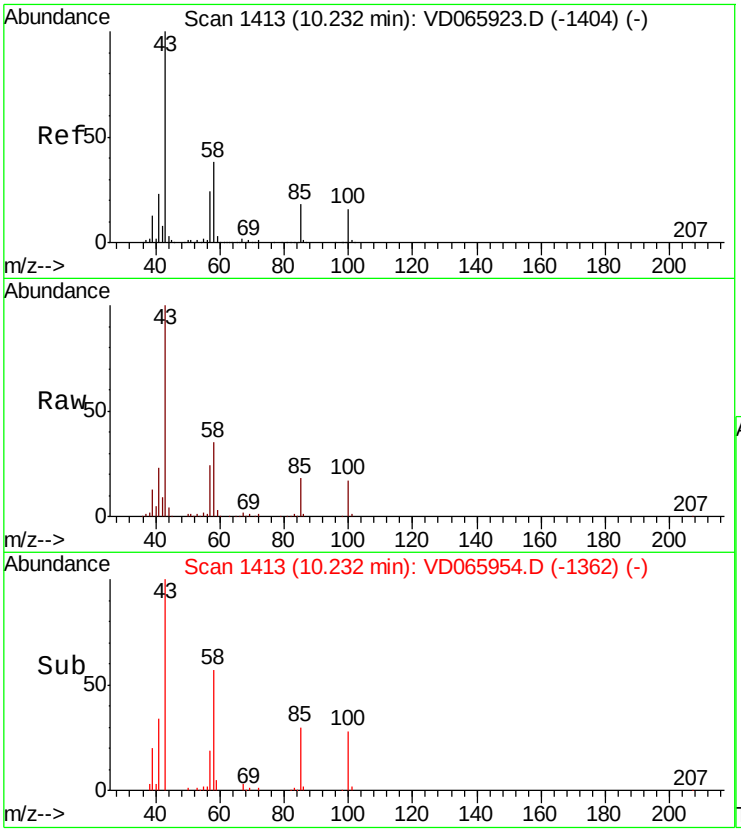




#50
Toluene-d8
Concen: 49.176 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 98 Resp: 579770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.5 | 53.1 | 79.7 |



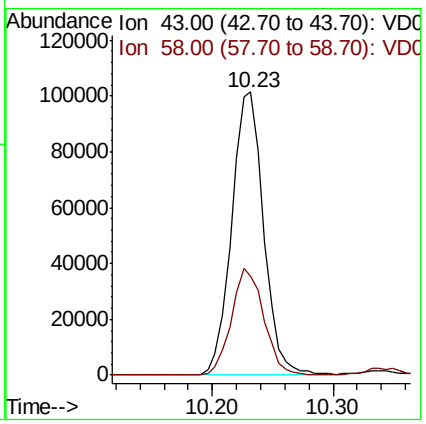


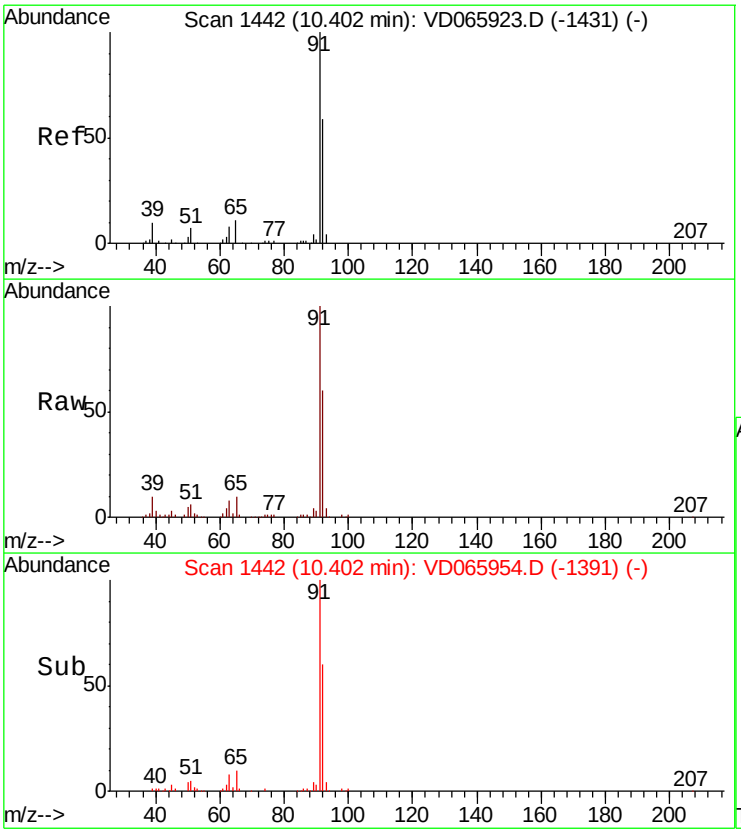

#51
4-Methyl-2-Pentanone
Concen: 91.758 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Tgt Ion: 43 Resp: 187167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.2 | 30.5 | 45.7 |

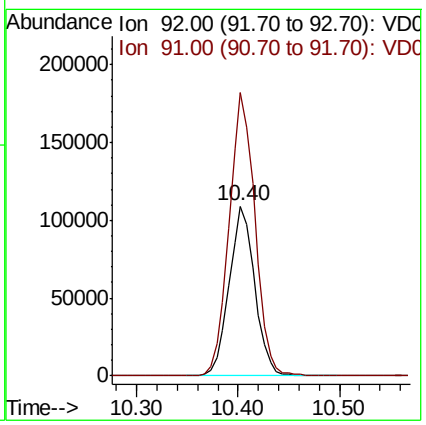


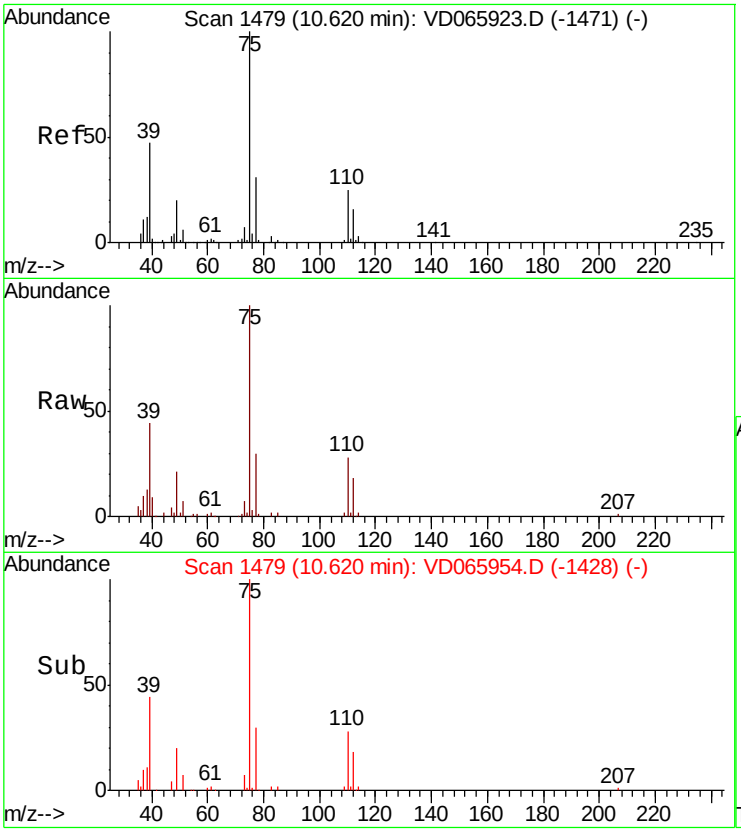




#52
Toluene
Concen: 21.001 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 92 Resp: 190951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 168.6 | 136.0 | 204.0 |



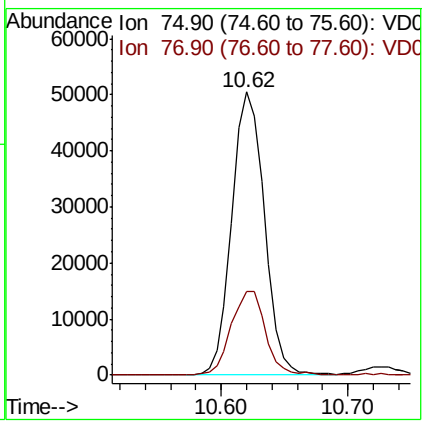


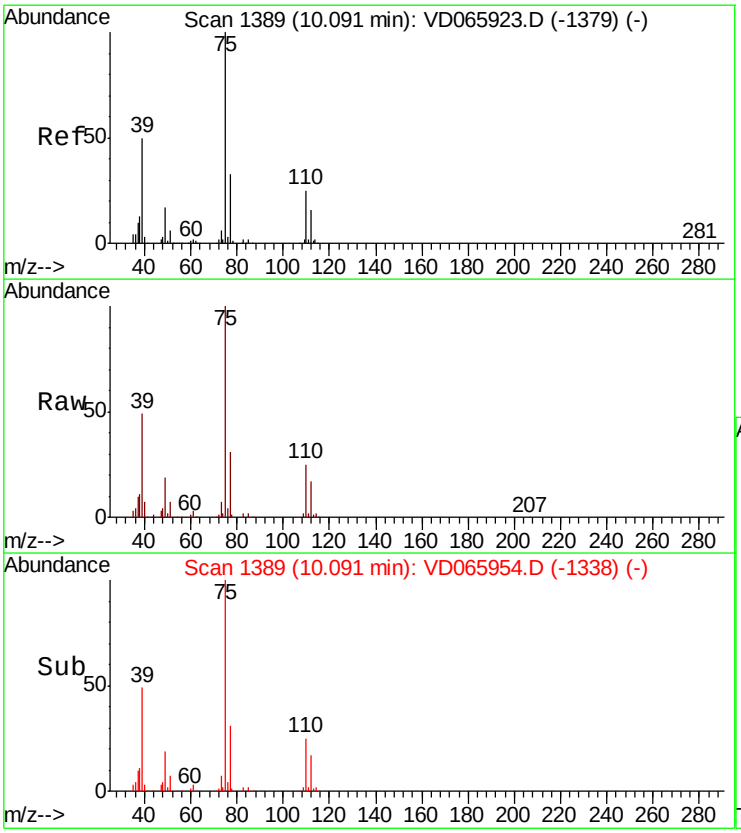

#53
t-1,3-Dichloropropene
Concen: 19.332 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Tgt Ion: 75 Resp: 90046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 29.7 | 25.1 | 37.7 |

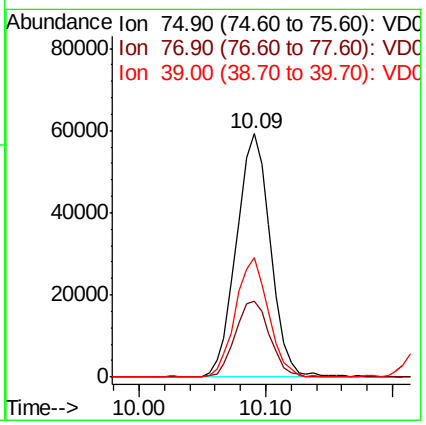


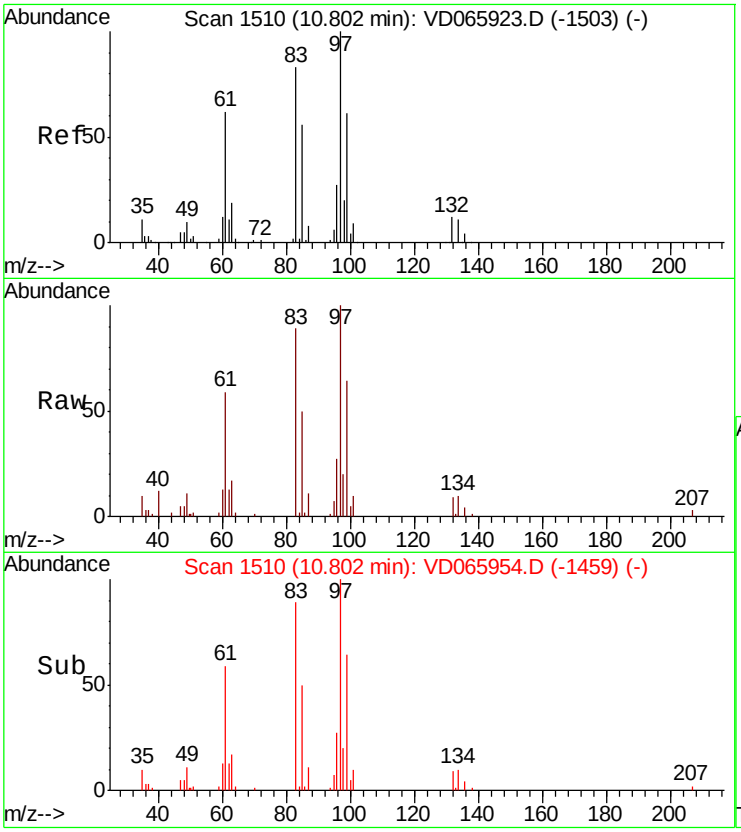




#54
cis-1,3-Dichloropropene
Concen: 19.599 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 75 Resp: 110309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.3 | 26.6 | 39.8 |
| 39 | 48.9 | 39.6 | 59.4 |



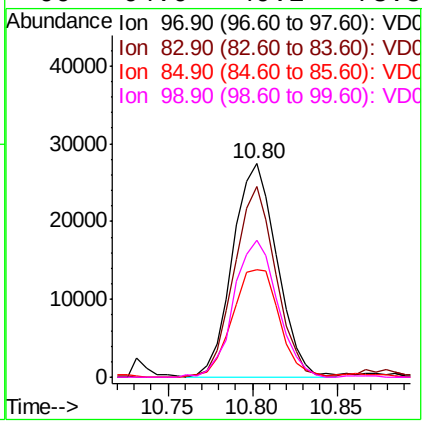


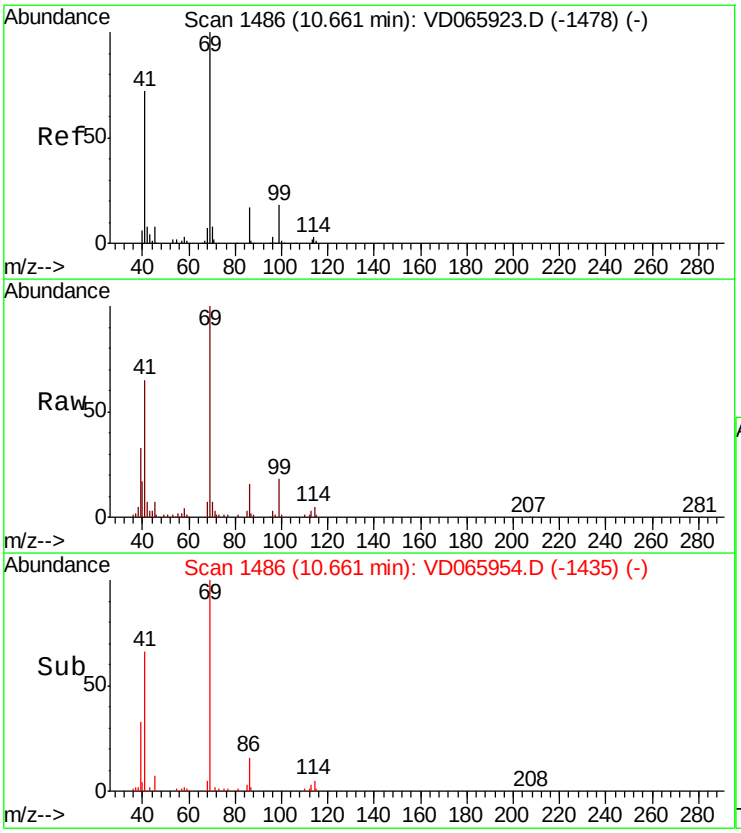

#55
1,1,2-Trichloroethane
Concen: 19.787 ug/l
RT: 10.80 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 97 Resp: 50347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 88.6 | 66.9 | 100.3 |
| 85 | 49.3 | 44.5 | 66.7 |
| 99 | 64.0 | 49.2 | 73.8 |

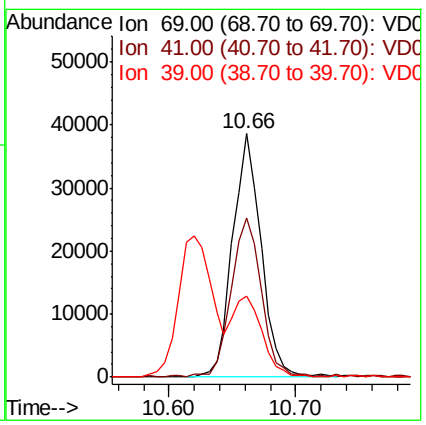


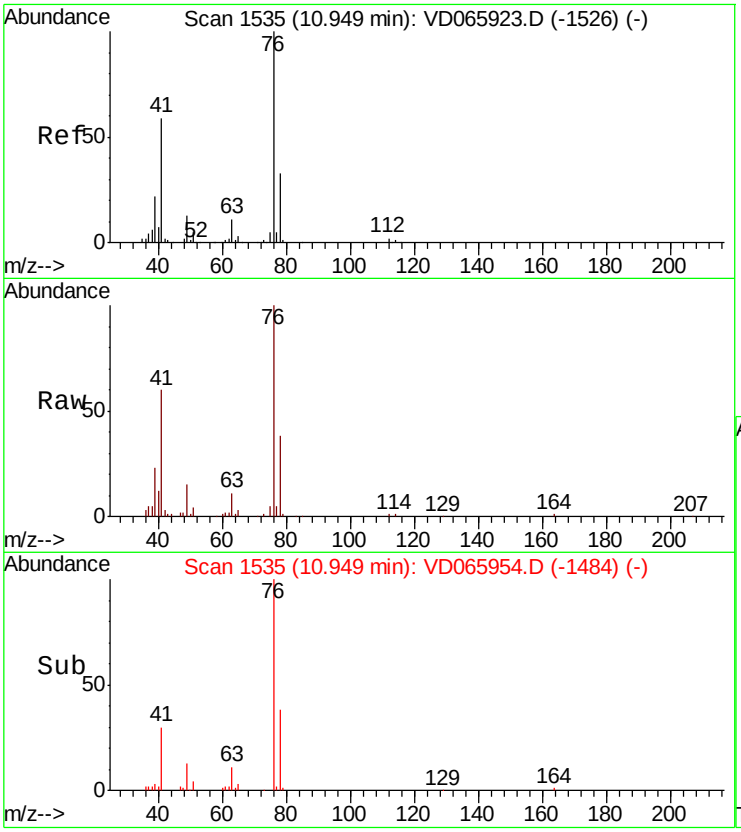




#56
Ethyl methacrylate
Concen: 19.269 ug/l
RT: 10.66 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 69 Resp: 59884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 70.1 | 56.5 | 84.7 |
| 39 | 34.5 | 29.2 | 43.8 |



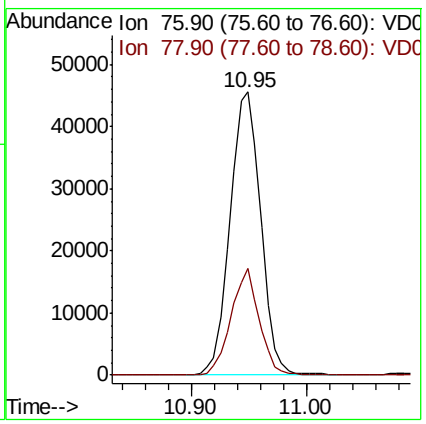


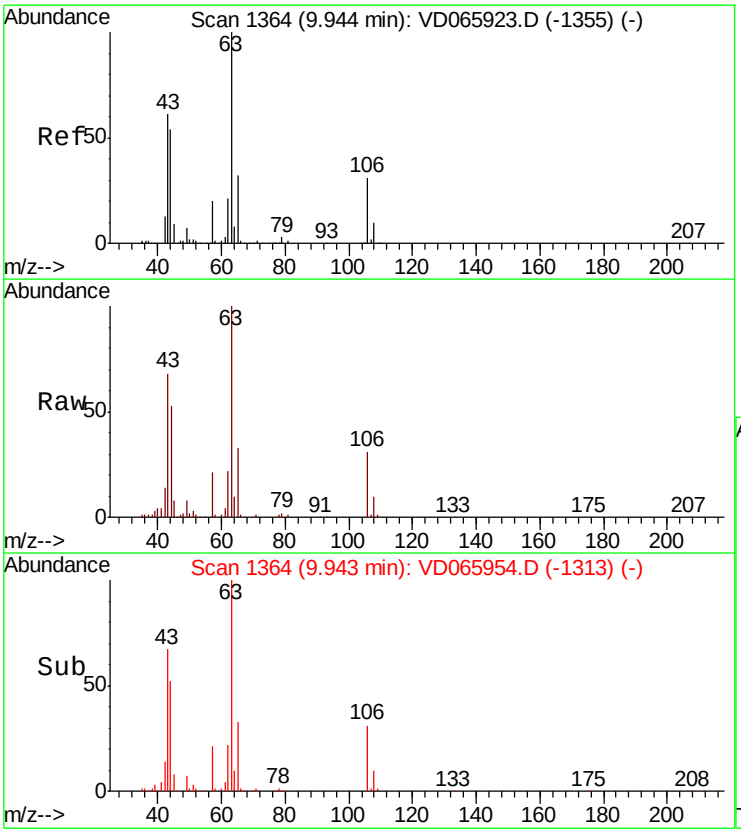

#57
1,3-Dichloropropane
Concen: 18.816 ug/l
RT: 10.95 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 76 Resp: 83725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 34.5 | 25.8 | 38.6 |

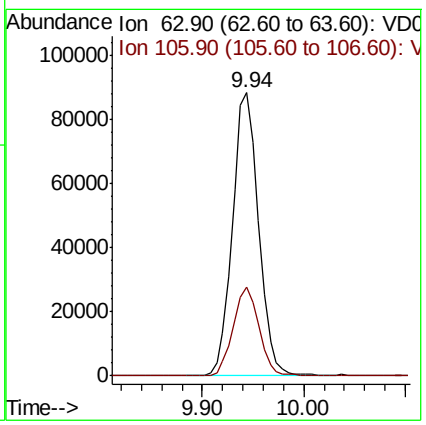


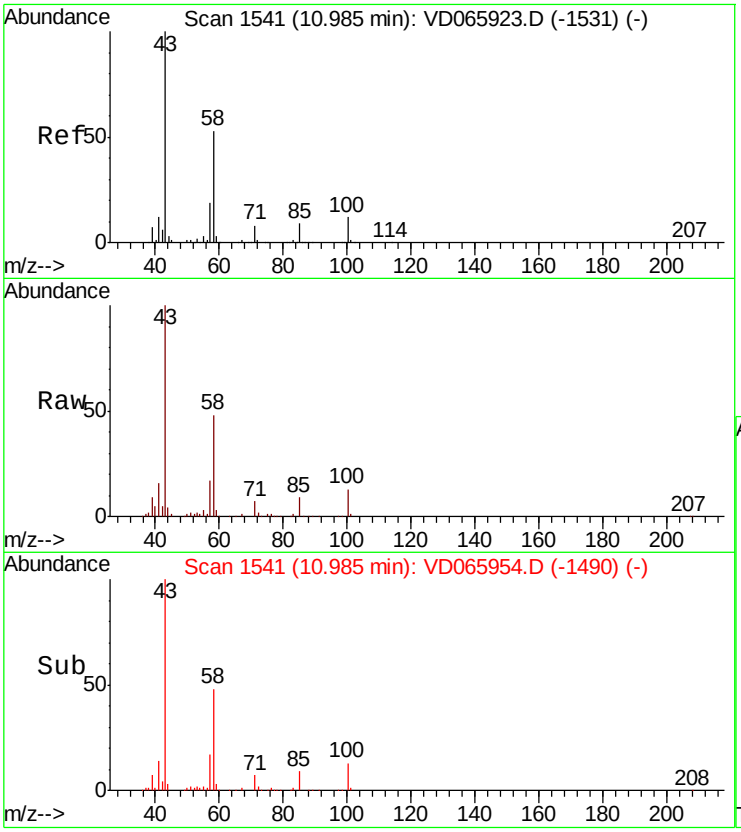




#58
2-Chloroethyl Vinyl ether
Concen: 105.116 ug/l
RT: 9.94 min Scan# 1364
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 63 Resp: 158209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 30.9 | 23.8 | 35.6 |



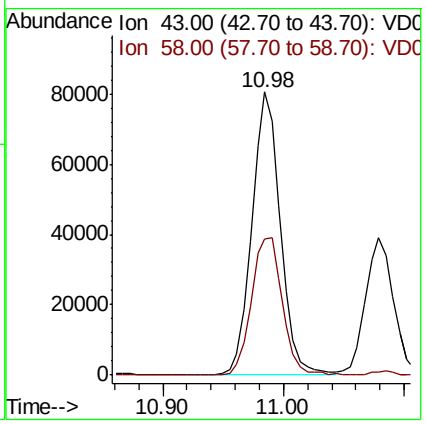


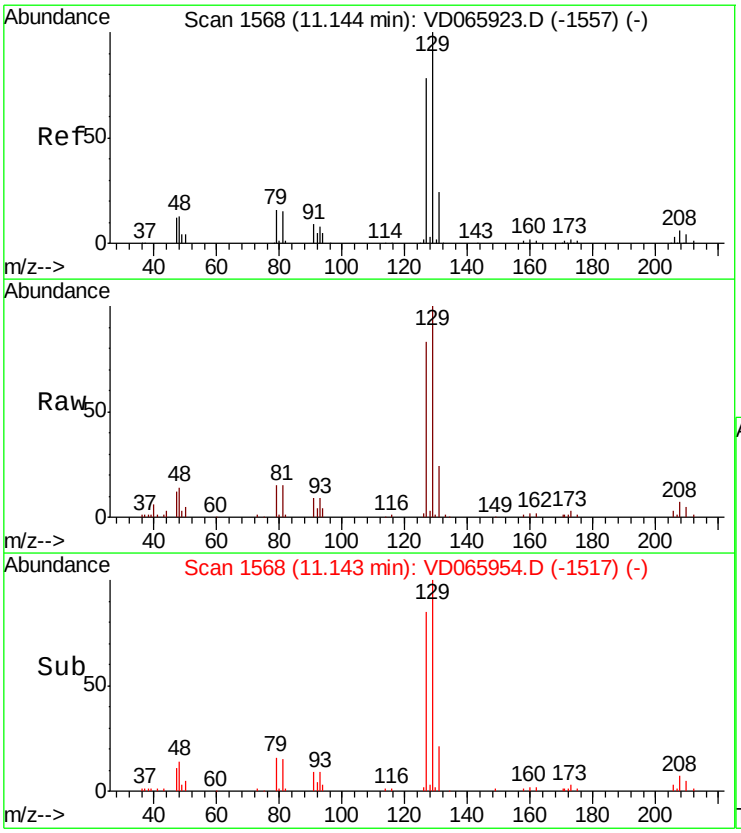

#59
2-Hexanone
Concen: 94.628 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 43 Resp: 132748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 52.7 | 26.6 | 79.8 |

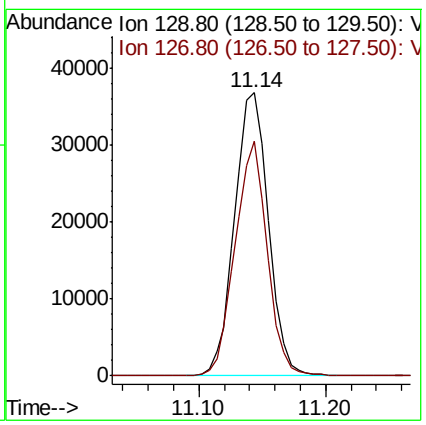


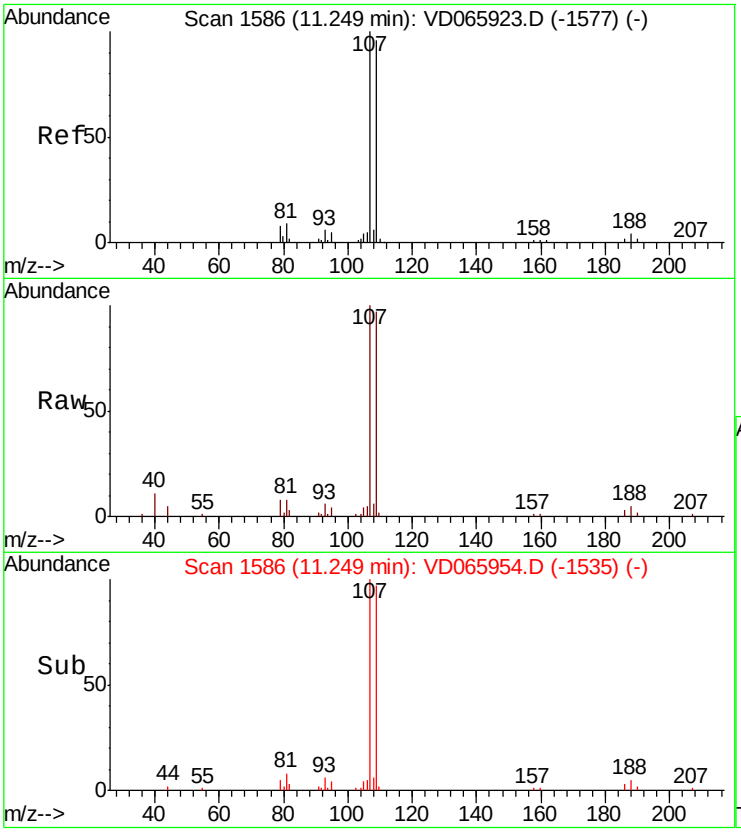




#60
Dibromochloromethane
Concen: 19.670 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion:129 Resp: 68378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.2 | 38.8 | 116.4 |



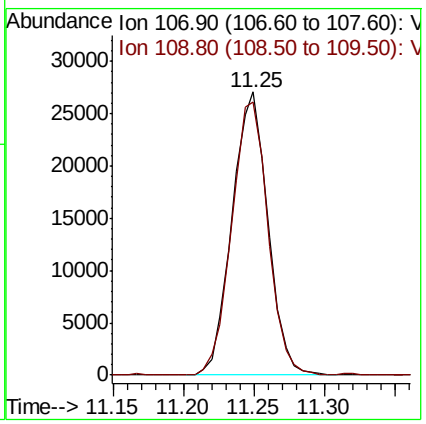


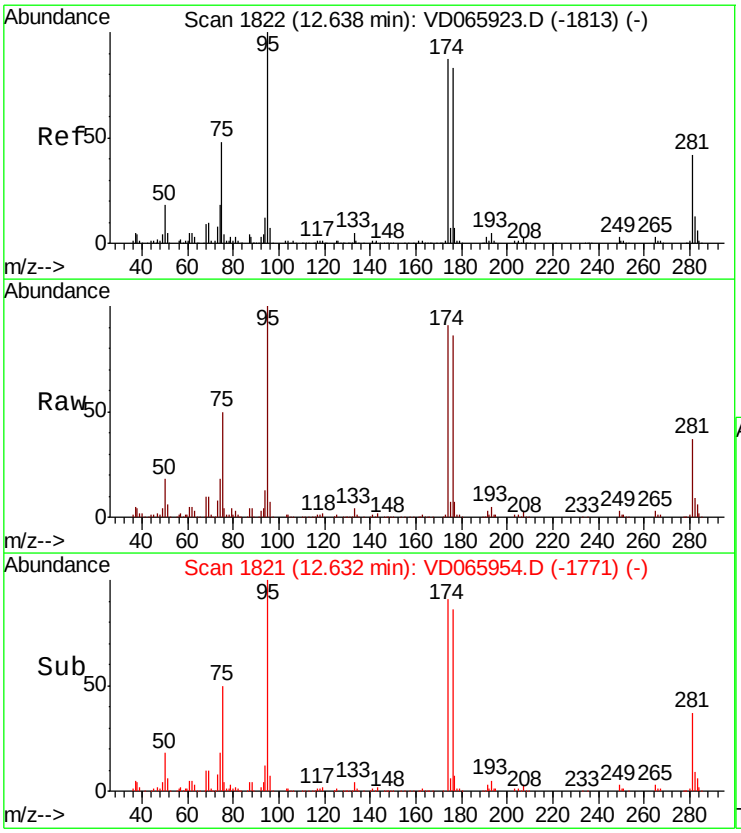

#61
1,2-Dibromoethane
Concen: 18.876 ug/l
RT: 11.25 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion:107 Resp: 47886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 97.9 | 75.4 | 113.0 |

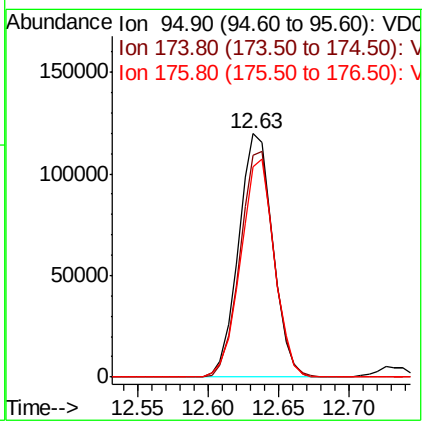


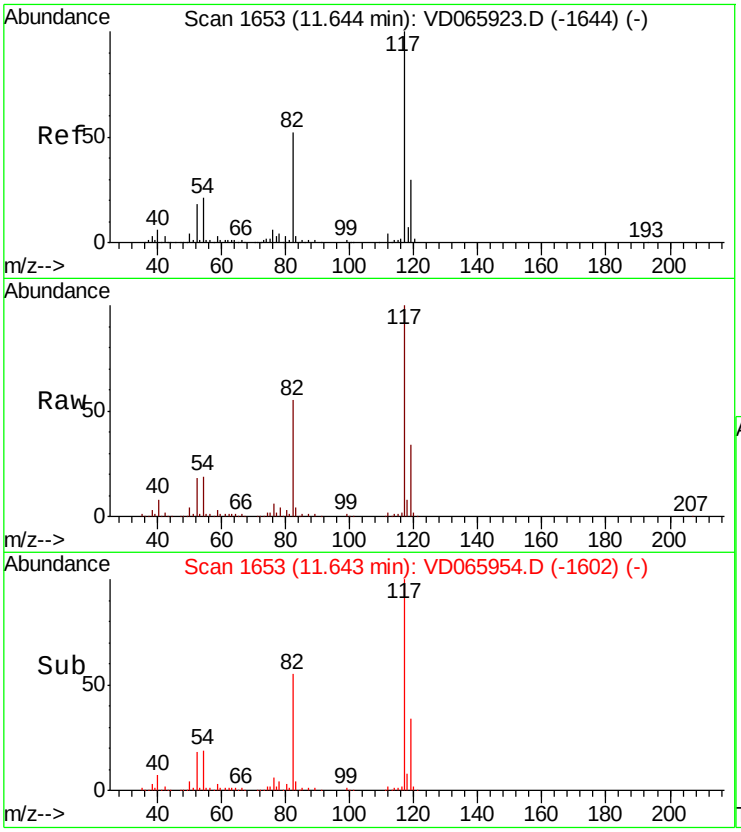




#62
4-Bromofluorobenzene
Concen: 50.322 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 95 Resp: 203735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 91.6 | 0.0 | 169.4 |
| 176 | 88.3 | 0.0 | 164.0 |



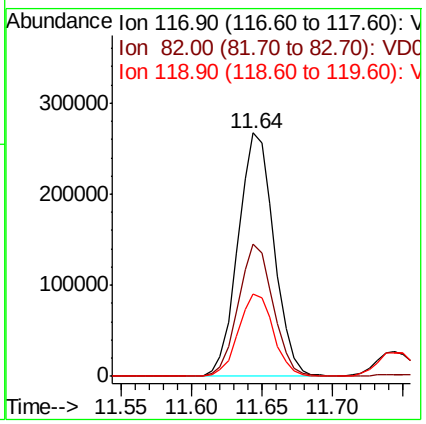


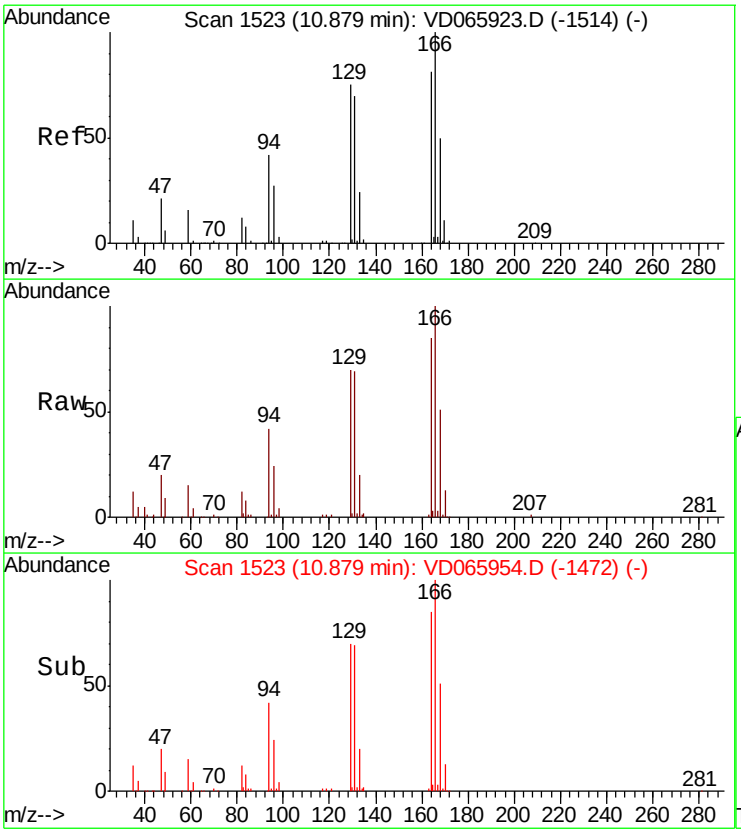

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Tgt Ion:117 Resp: 475613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.5 | 41.8 | 62.8 |
| 119 | 33.8 | 24.3 | 36.5 |

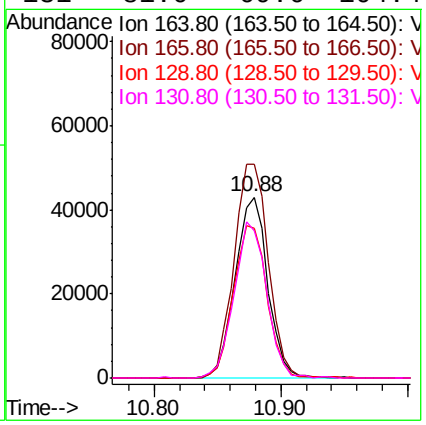


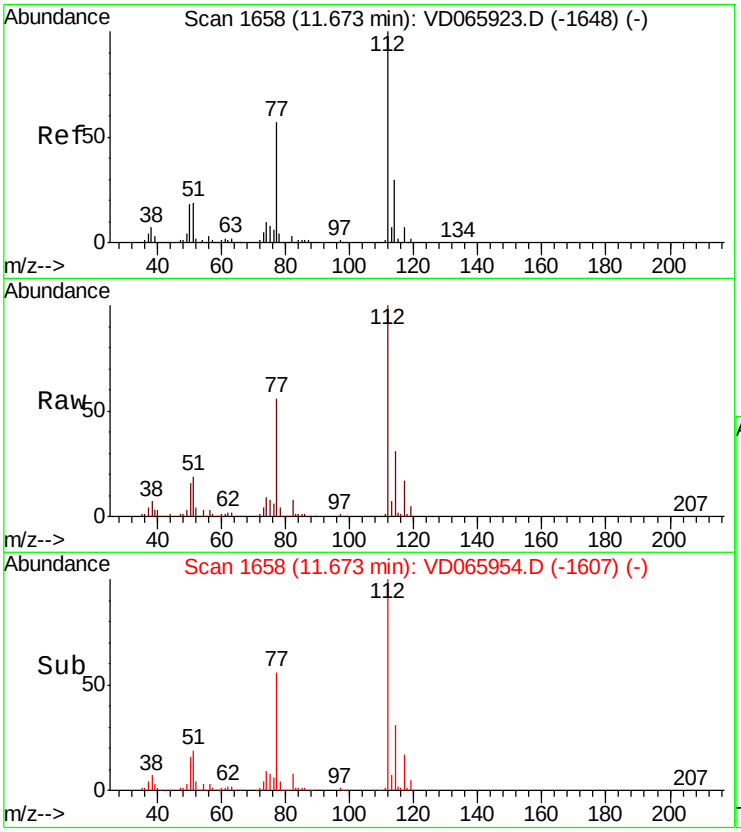




#64
Tetrachloroethene
Concen: 22.151 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion:164 Resp: 76617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 117.9 | 99.0 | 148.4 |
| 129 | 83.0 | 73.9 | 110.9 |
| 131 | 81.0 | 69.6 | 104.4 |



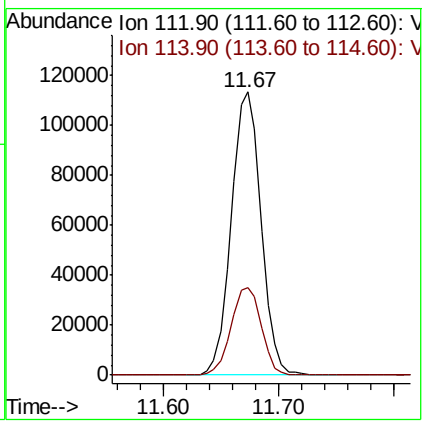


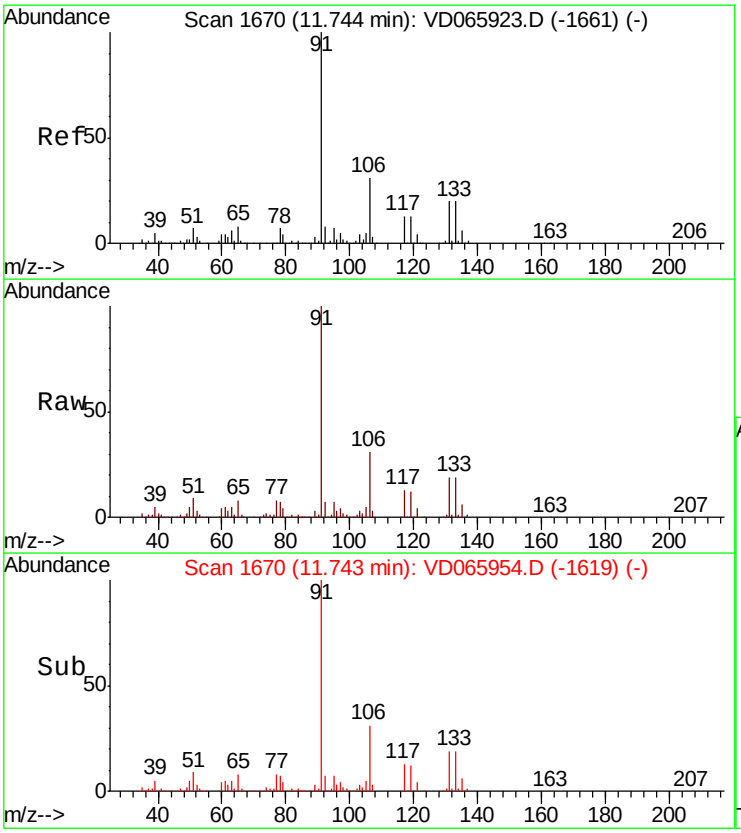

#65
Chlorobenzene
Concen: 21.042 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion:112 Resp: 201674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 30.9 | 24.2 | 36.4 |

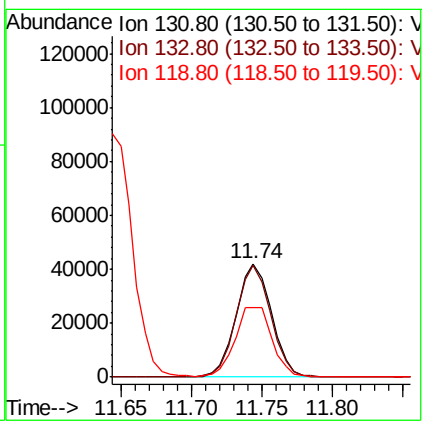


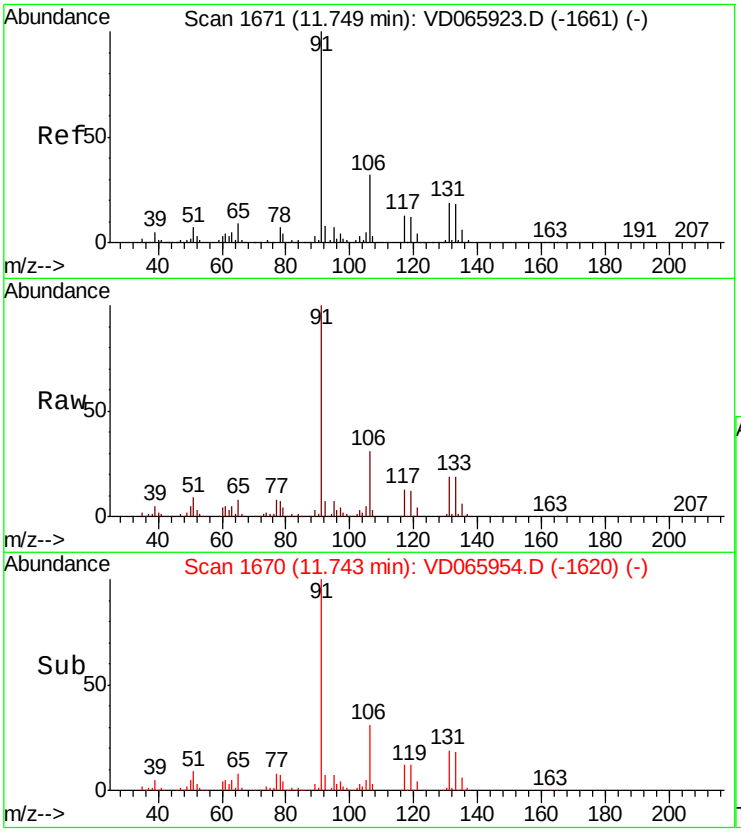




#66
1,1,1,2-Tetrachloroethane
Concen: 20.620 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion:131 Resp: 73920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.7 | 47.9 | 143.6 |
| 119 | 64.6 | 31.9 | 95.9 |



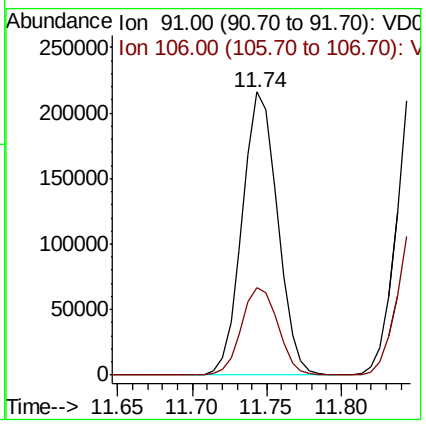


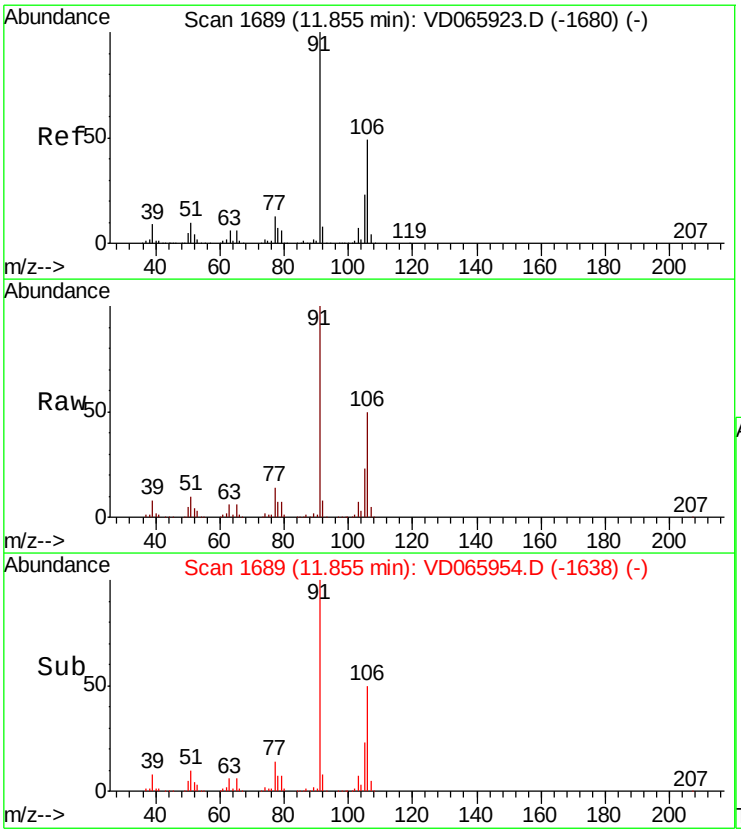

#67
Ethyl Benzene
Concen: 20.843 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 91 Resp: 354893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.1 | 25.2 | 37.8 |

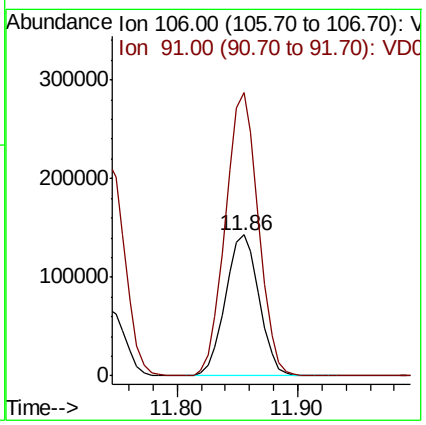


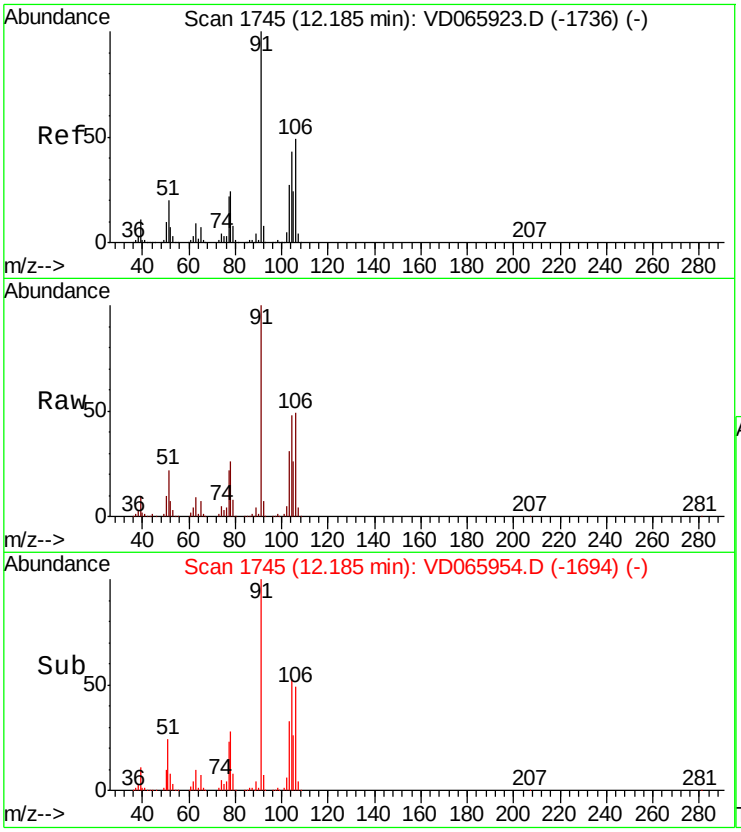




#68
m/p-Xylenes
Concen: 42.704 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion:106 Resp: 276252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 197.2 | 158.2 | 237.2 |



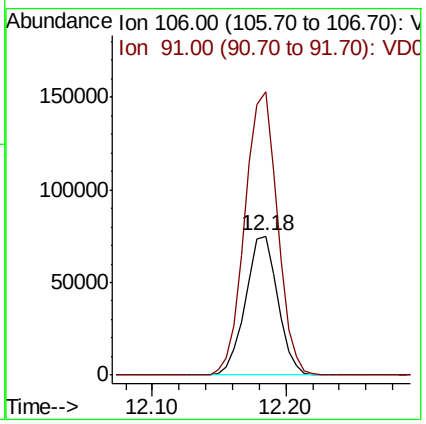


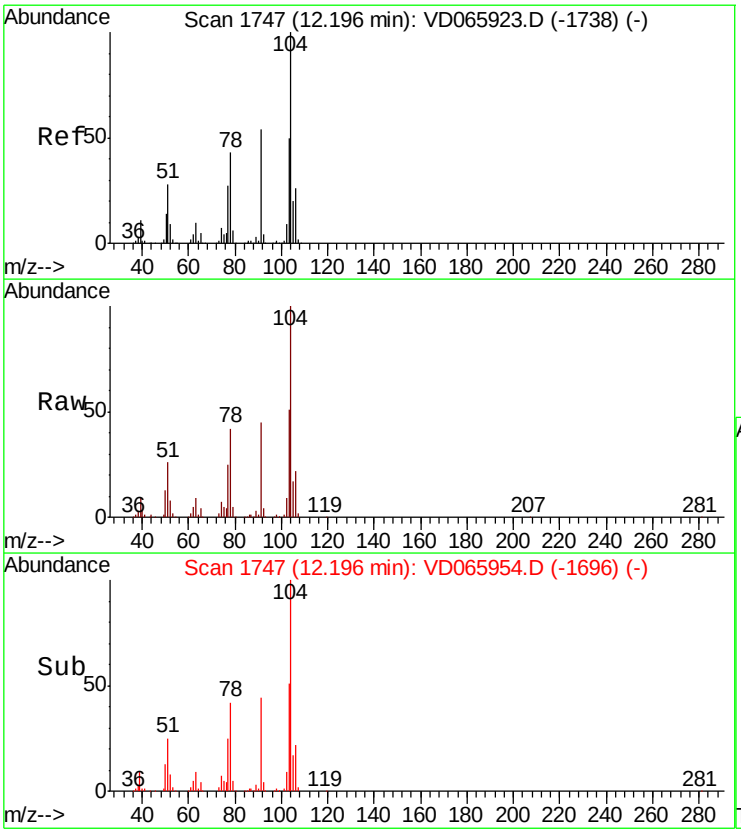

#69
o-Xylene
Concen: 21.095 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Tgt Ion:106 Resp: 124310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 206.9 | 104.1 | 312.2 |

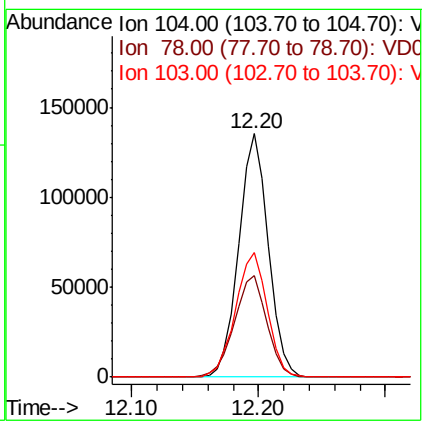


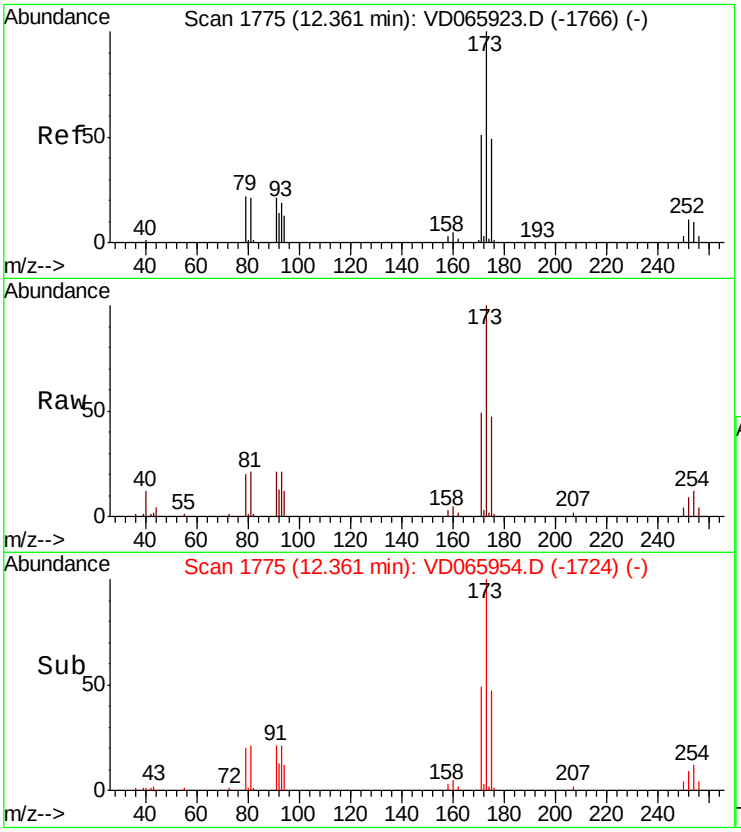




#70
Styrene
Concen: 21.507 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion:104 Resp: 218789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 45.8 | 38.8 | 58.2 |
| 103 | 54.9 | 43.6 | 65.4 |



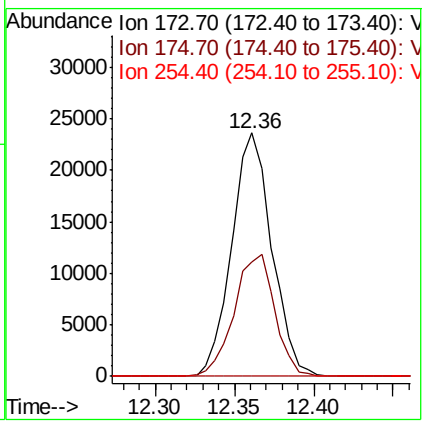


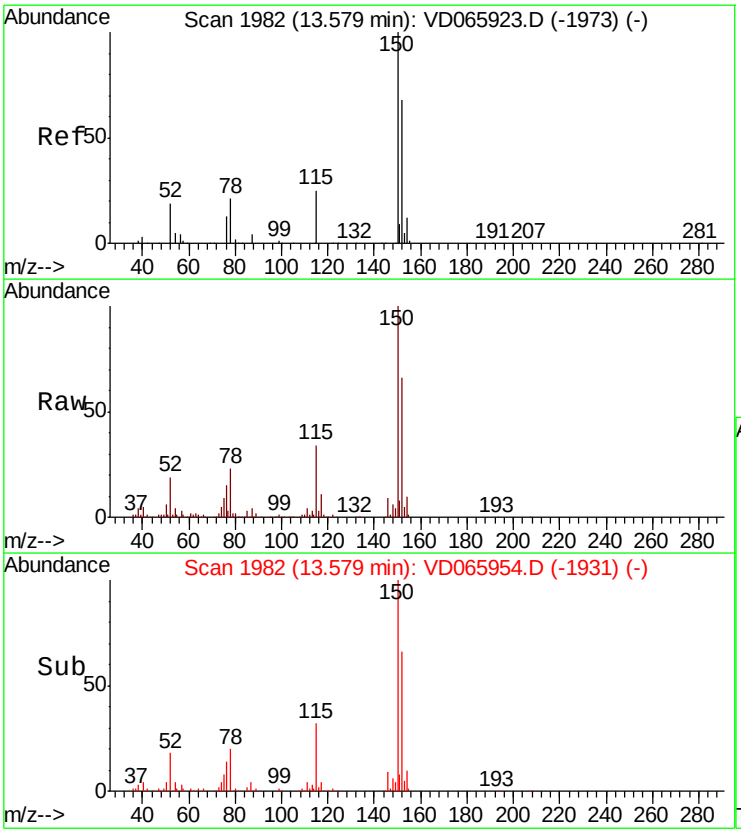

#71
Bromoform
Concen: 20.441 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion:173 Resp: 41464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 50.6 | 24.2 | 72.6 |
| 254 | 0.0 | 0.0 | 0.0 |

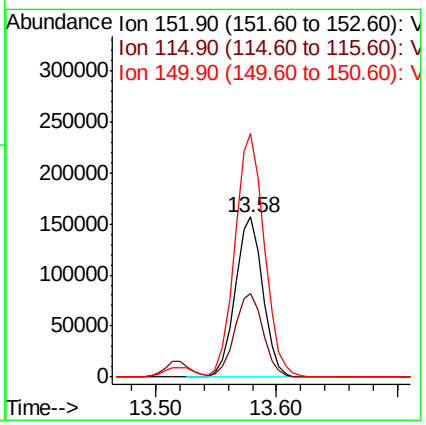


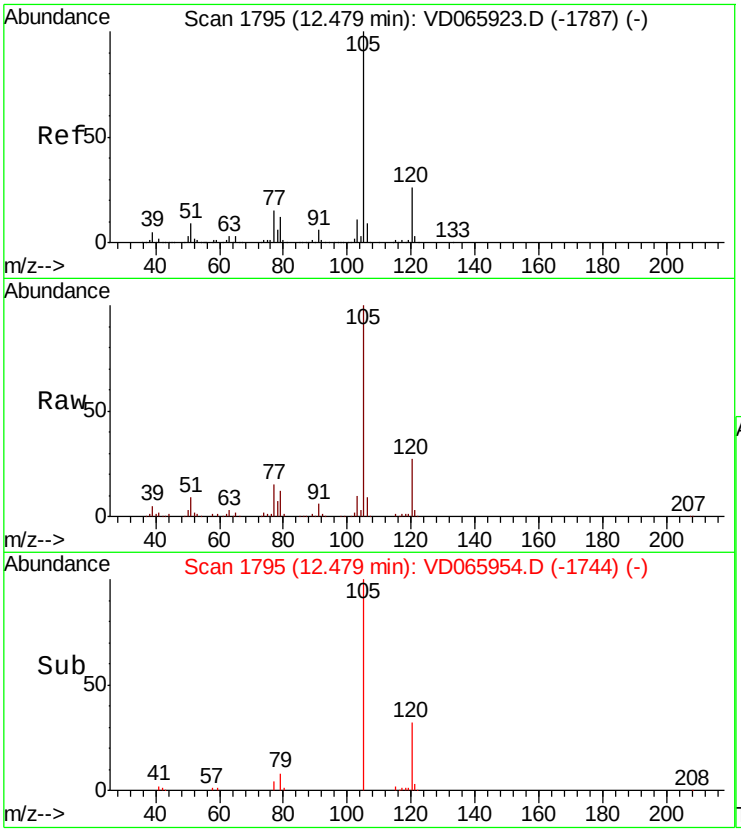




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion:152 Resp: 248934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.1 | 27.8 | 83.3 |
| 150 | 162.5 | 0.0 | 347.2 |



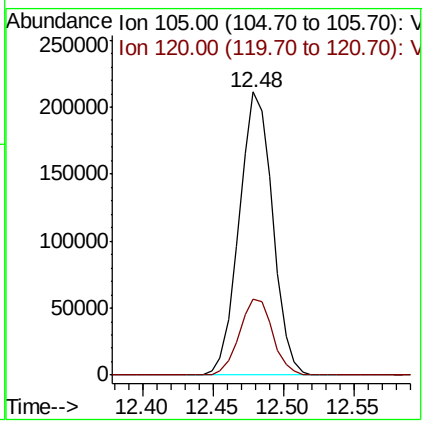


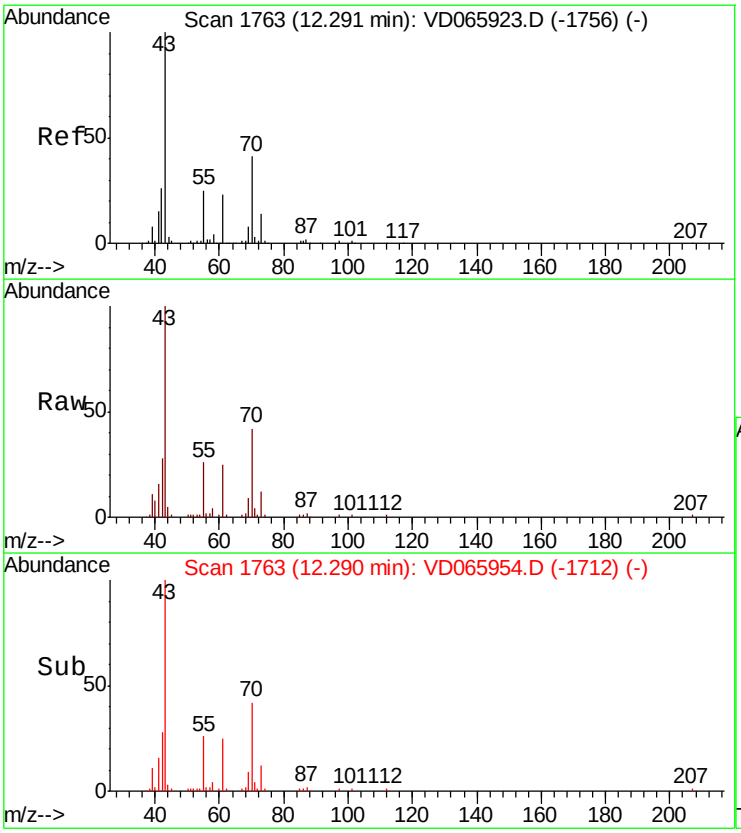

#73
Isopropylbenzene
Concen: 20.193 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Tgt Ion:105 Resp: 350811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.9 | 13.3 | 39.8 |

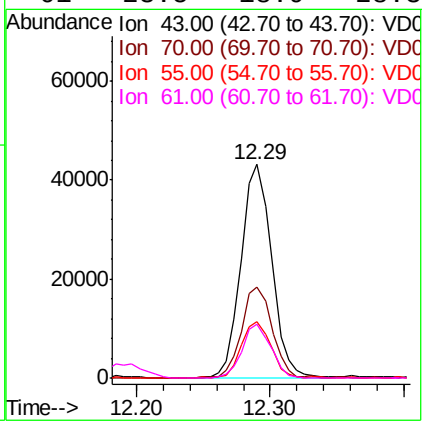


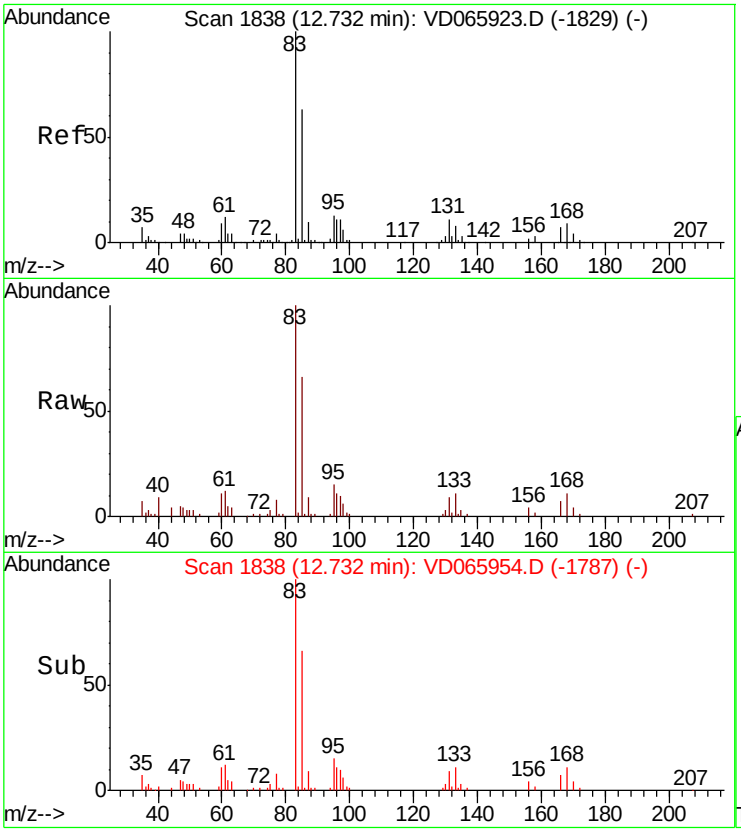




#74
N-amyl acetate
Concen: 17.652 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 43 Resp: 68815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 42.2 | 33.6 | 50.4 |
| 55 | 25.3 | 20.1 | 30.1 |
| 61 | 23.5 | 18.9 | 28.3 |



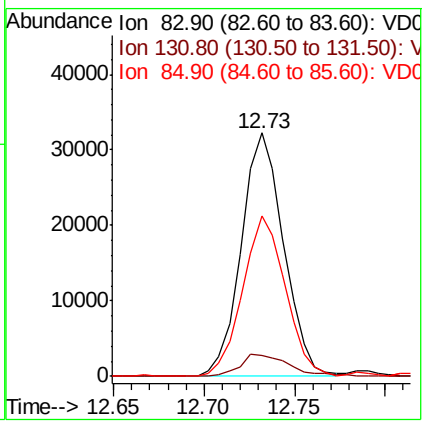


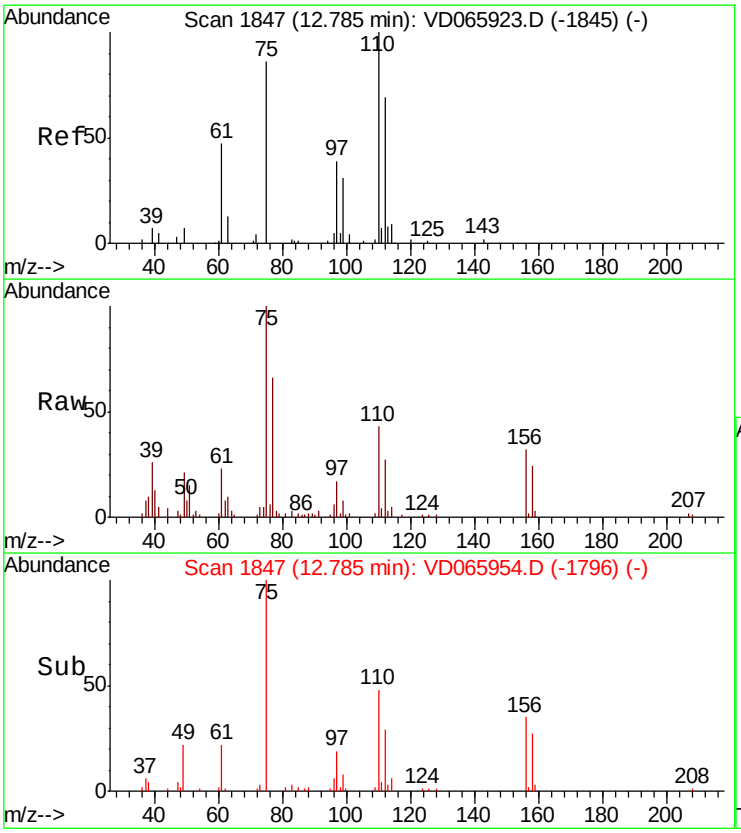

#75
1,1,2,2-Tetrachloroethane
Concen: 18.177 ug/l
RT: 12.73 min Scan# 1838
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 83 Resp: 52428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.7 | 5.6 | 16.8 |
| 85 | 66.4 | 32.6 | 98.0 |

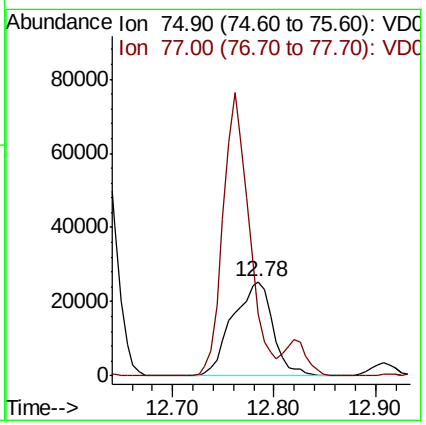


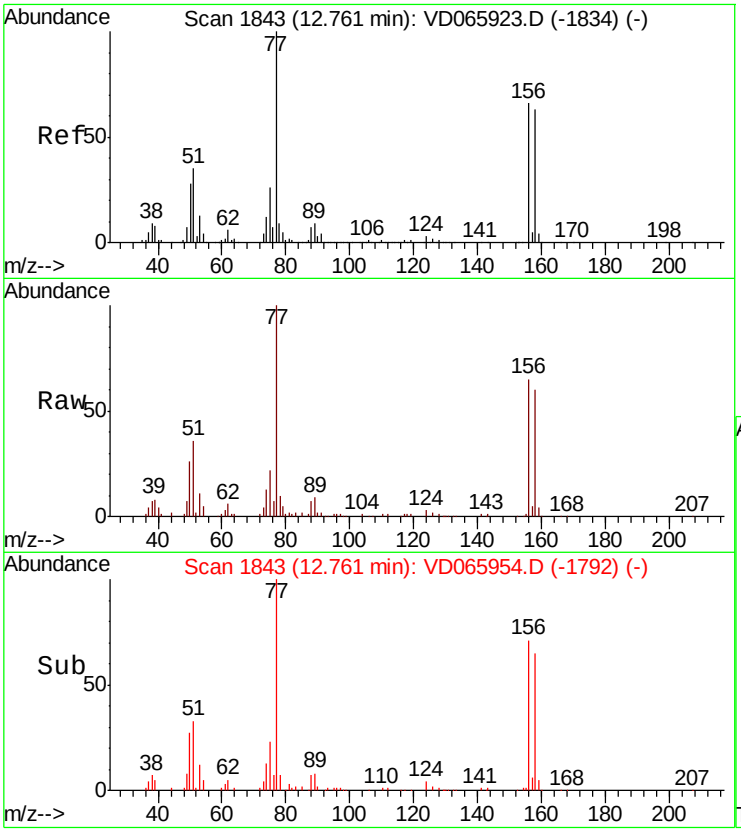




#76
1,2,3-Trichloropropane
Concen: 33.417 ug/l
RT: 12.78 min Scan# 1847
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 75 Resp: 69783

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



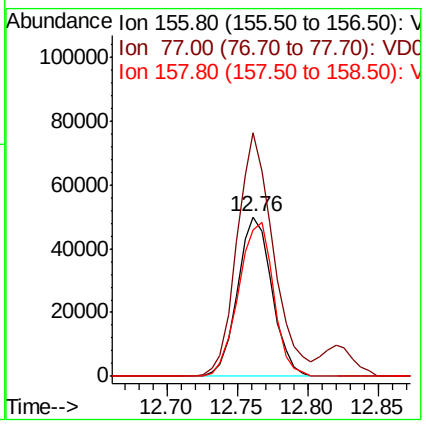


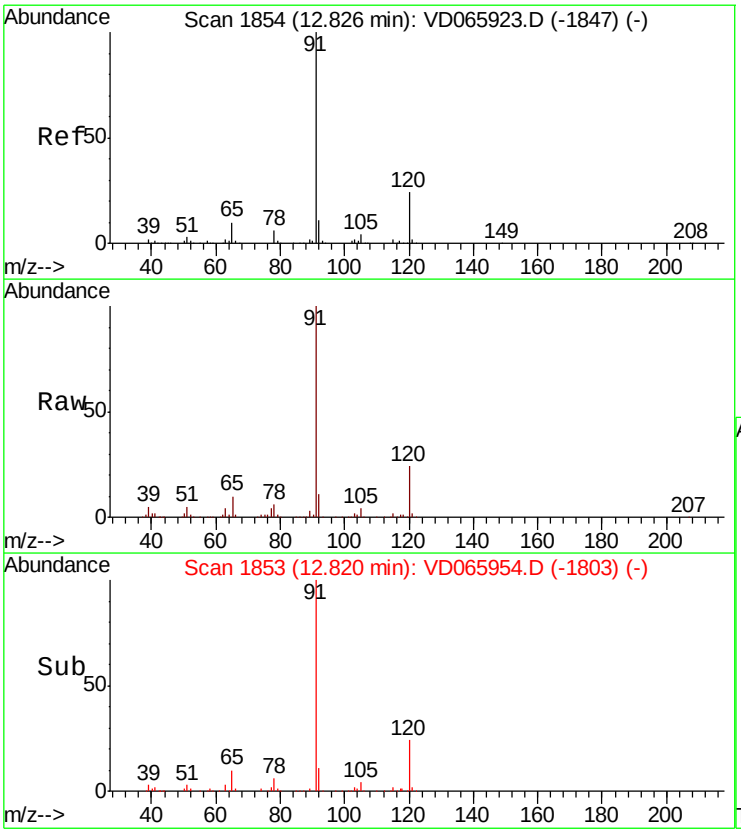

#77
Bromobenzene
Concen: 20.213 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Tgt Ion:156 Resp: 85171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 161.6 | 85.0 | 255.0 |
| 158 | 98.5 | 49.0 | 147.0 |

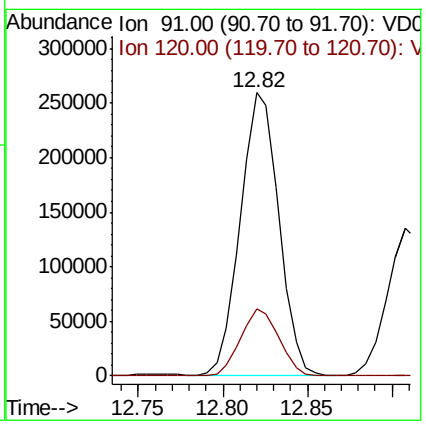


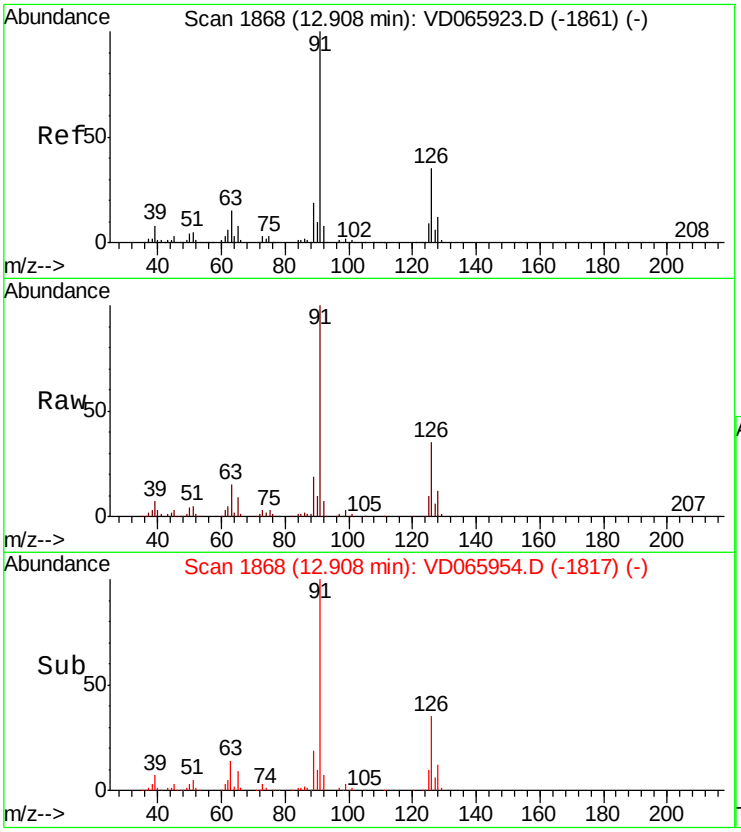




#78
n-propylbenzene
Concen: 20.202 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 91 Resp: 411484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.7 | 11.8 | 35.4 |



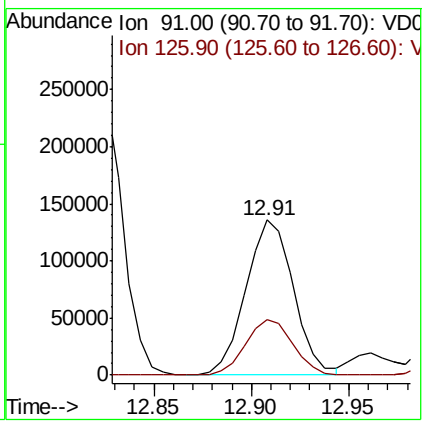


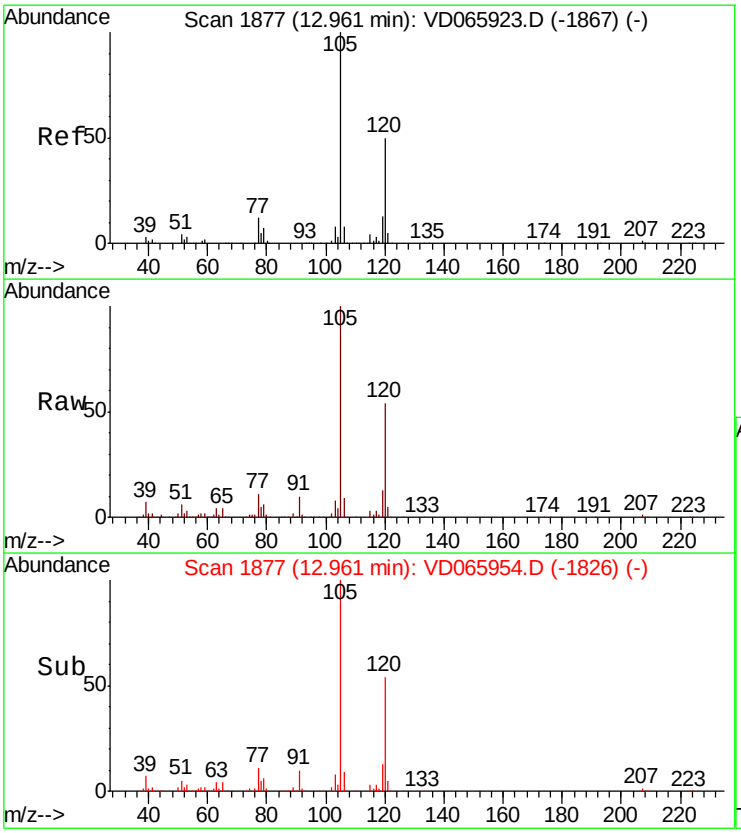

#79
2-Chlorotoluene
Concen: 19.795 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 91 Resp: 228734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.3 | 17.6 | 52.8 |

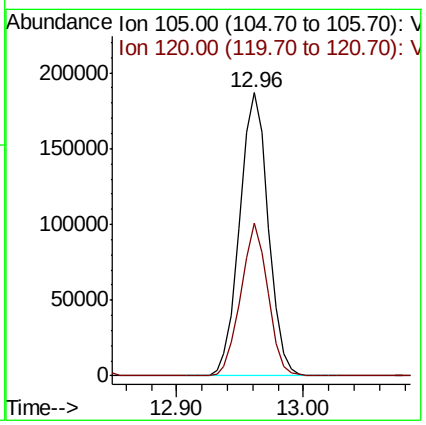


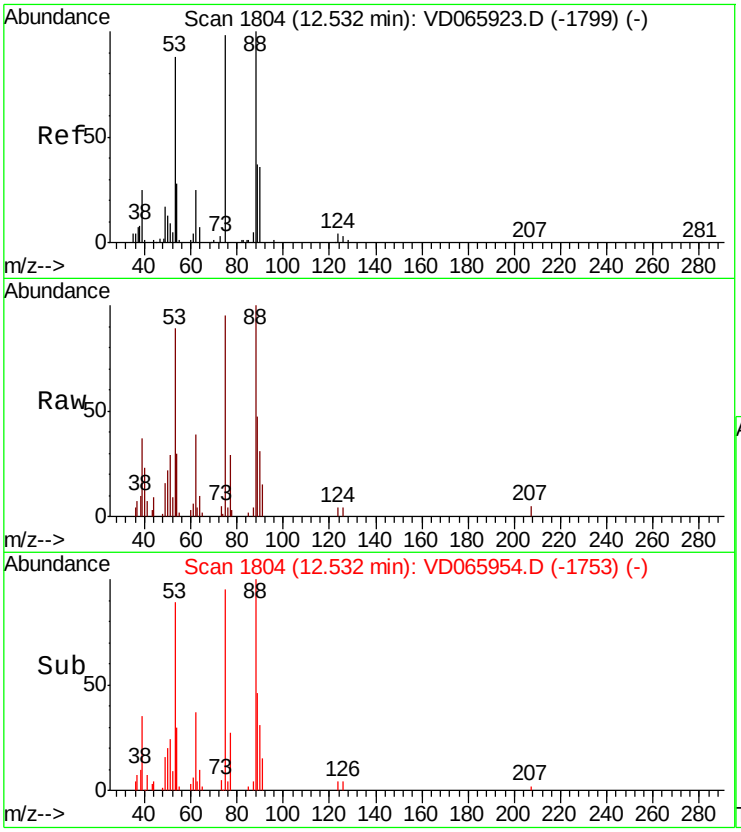




#80
1,3,5-Trimethylbenzene
Concen: 20.588 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion:105 Resp: 292557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 51.1 | 25.2 | 75.6 |



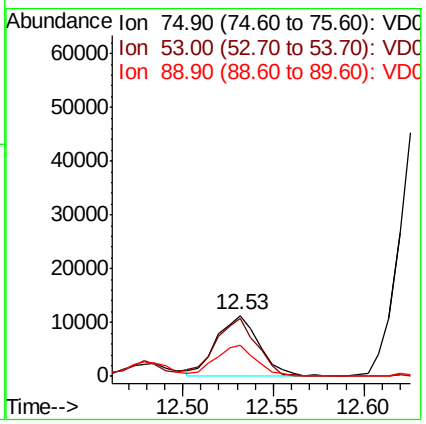


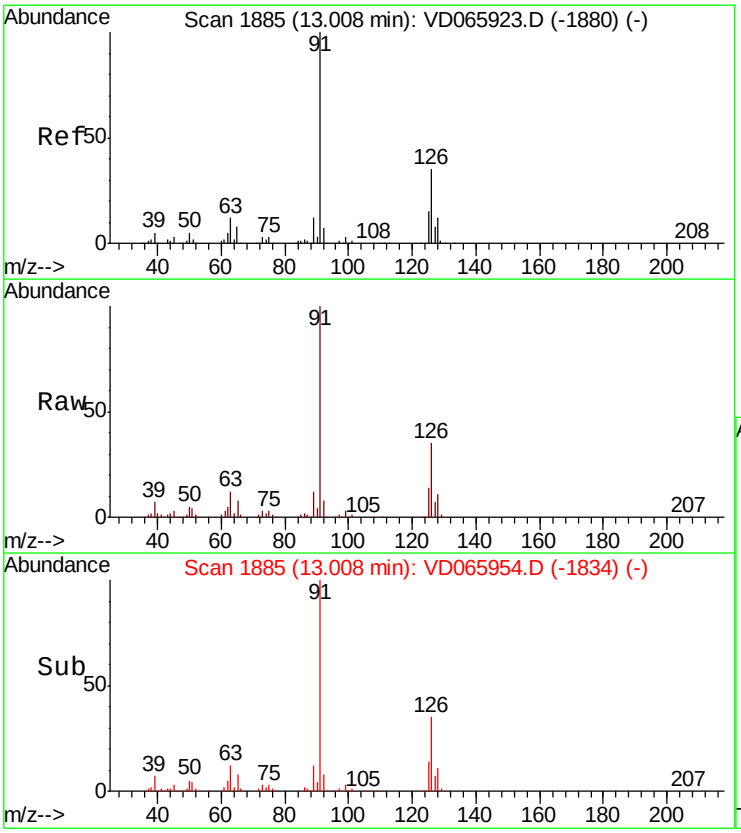

#81
trans-1,4-Dichloro-2-butene
Concen: 18.964 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 75 Resp: 18430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 93.5 | 75.8 | 113.8 |
| 89 | 48.1 | 37.5 | 56.3 |

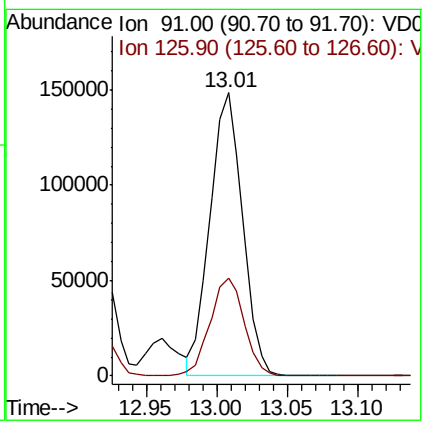


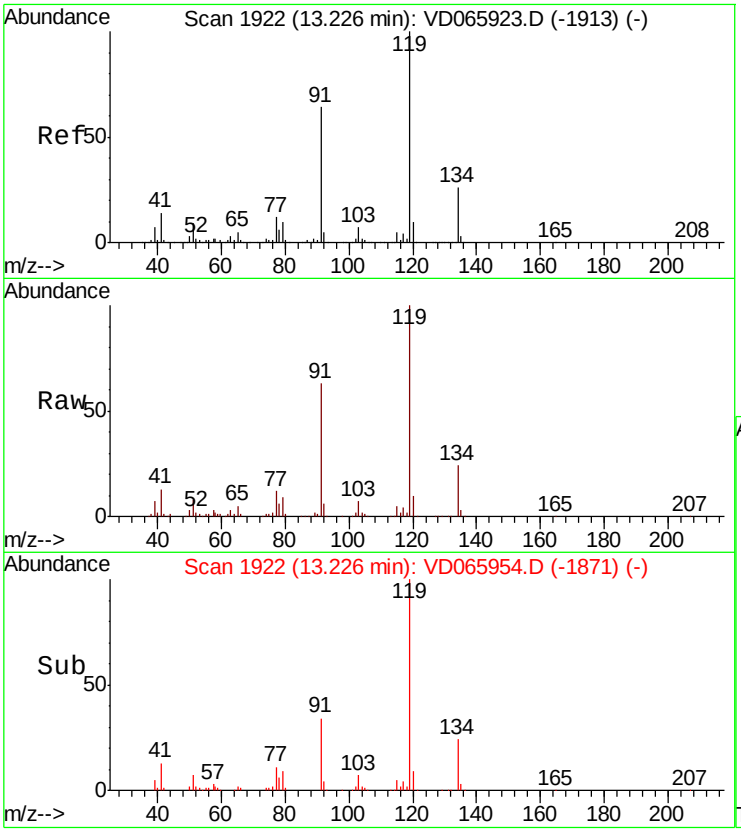




#82
4-Chlorotoluene
Concen: 19.645 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 91 Resp: 238159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 36.1 | 17.3 | 51.7 |



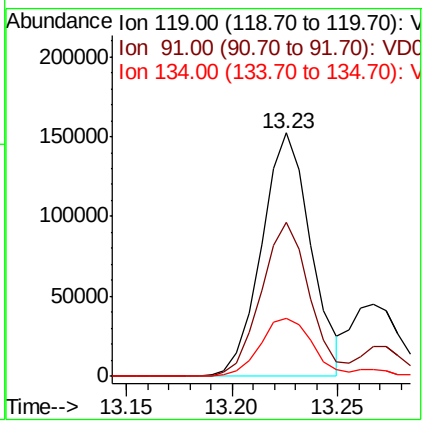


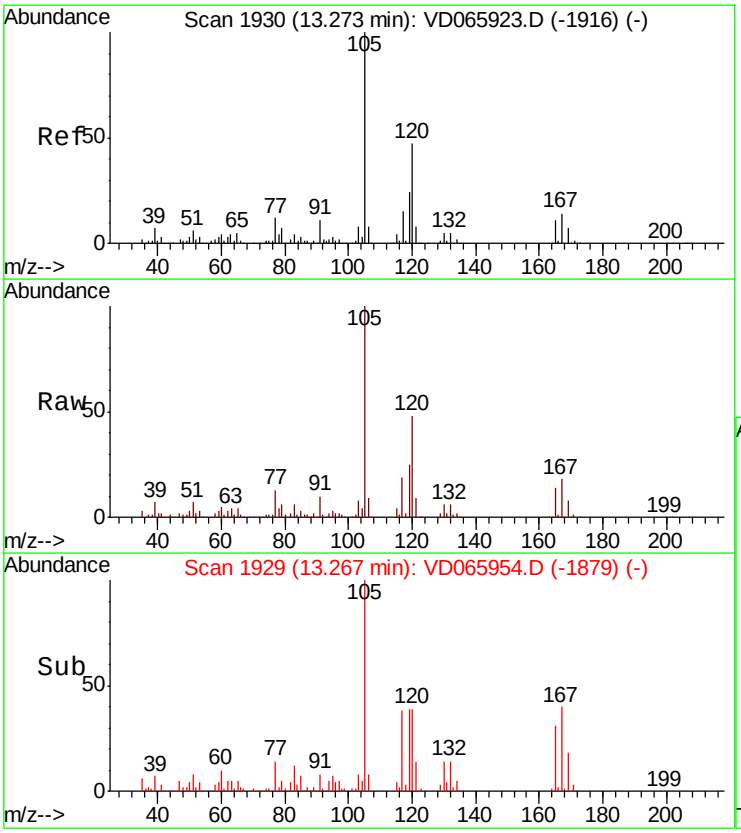

#83
tert-Butylbenzene
Concen: 20.445 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion:119 Resp: 247526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 62.5 | 32.4 | 97.2 |
| 134 | 25.2 | 14.1 | 42.4 |

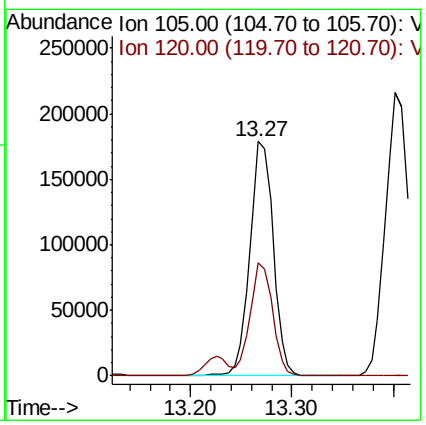


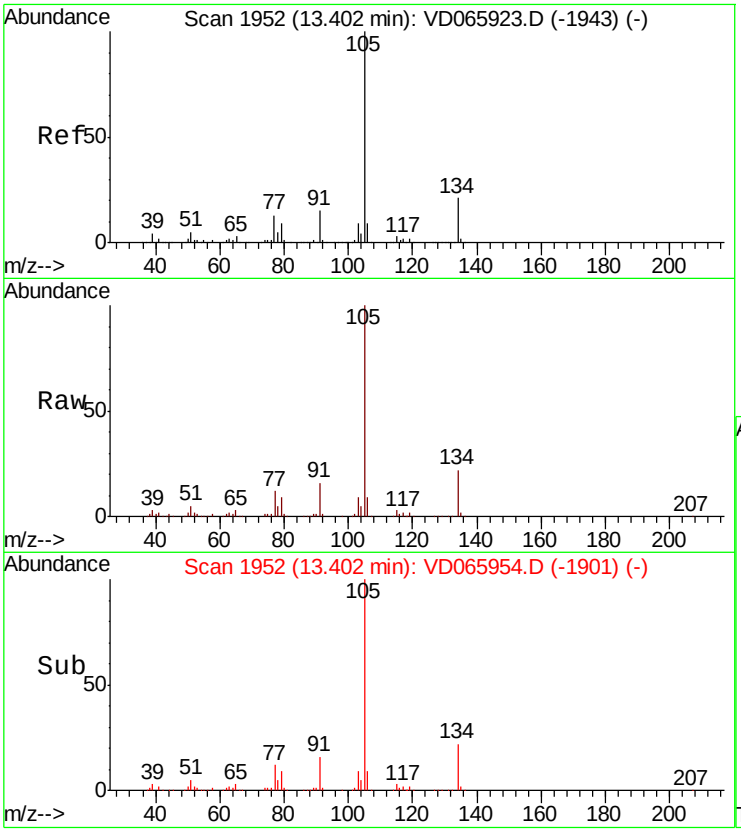




#84
1,2,4-Trimethylbenzene
Concen: 20.455 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion:105 Resp: 289333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.9 | 23.2 | 69.5 |



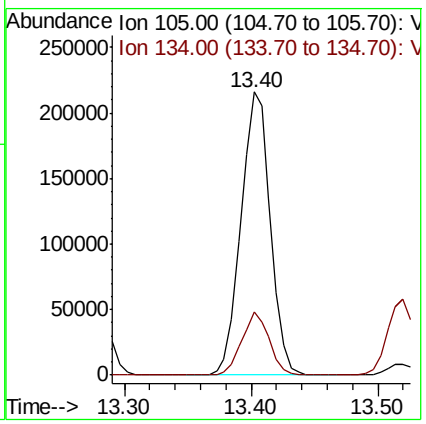


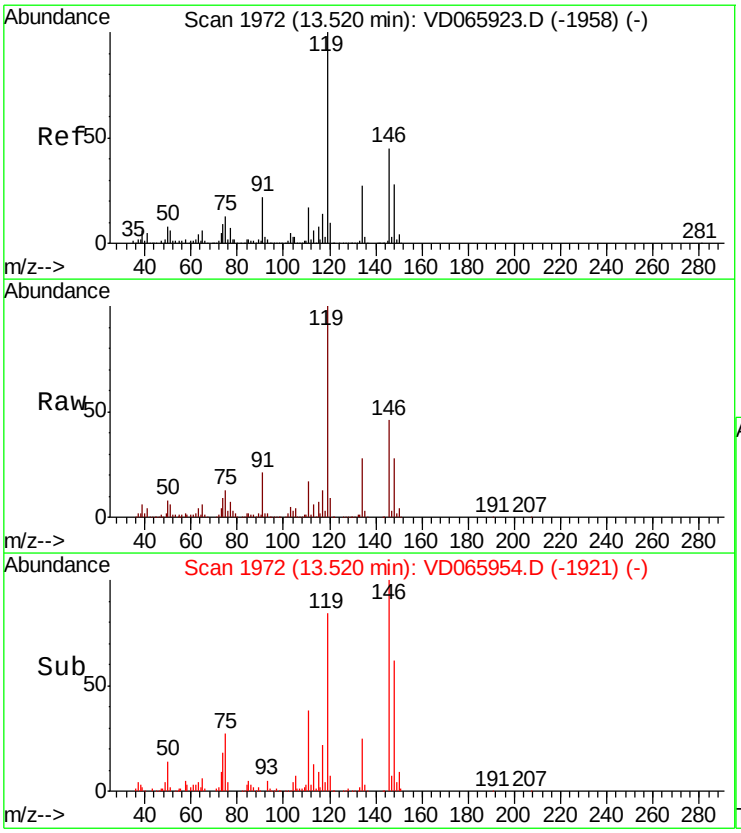

#85
sec-Butylbenzene
Concen: 20.146 ug/l
RT: 13.40 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion:105 Resp: 345659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.8 | 10.4 | 31.1 |

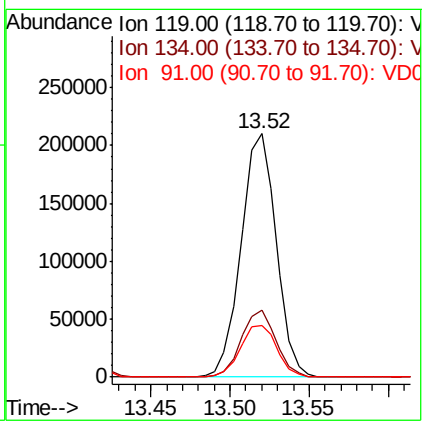


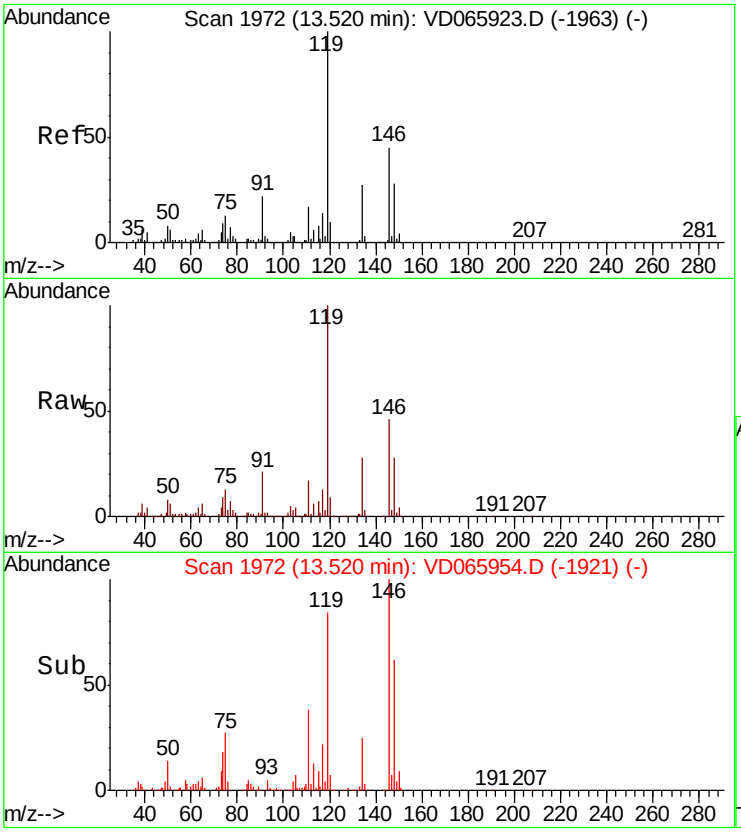




#86
p-Isopropyltoluene
Concen: 20.634 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion:119 Resp: 323814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.0 | 13.4 | 40.1 |
| 91 | 22.2 | 11.3 | 33.8 |



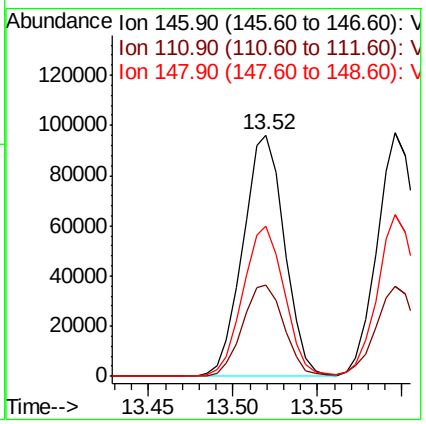


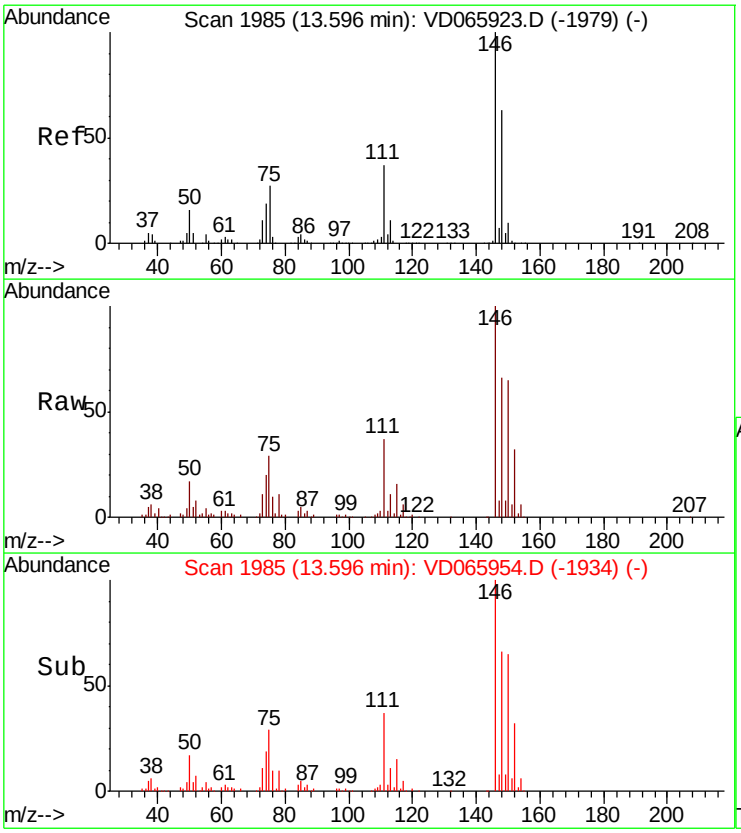

#87
1,3-Dichlorobenzene
Concen: 20.905 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion:146 Resp: 164838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.1 | 19.3 | 57.8 |
| 148 | 62.0 | 32.0 | 96.0 |

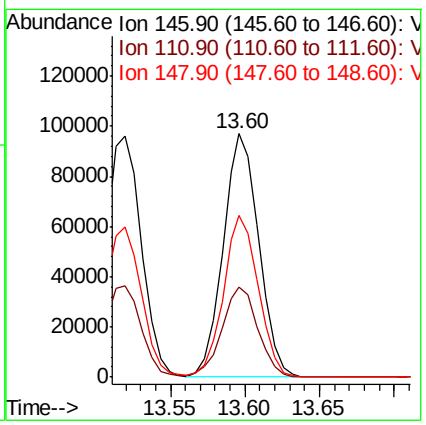


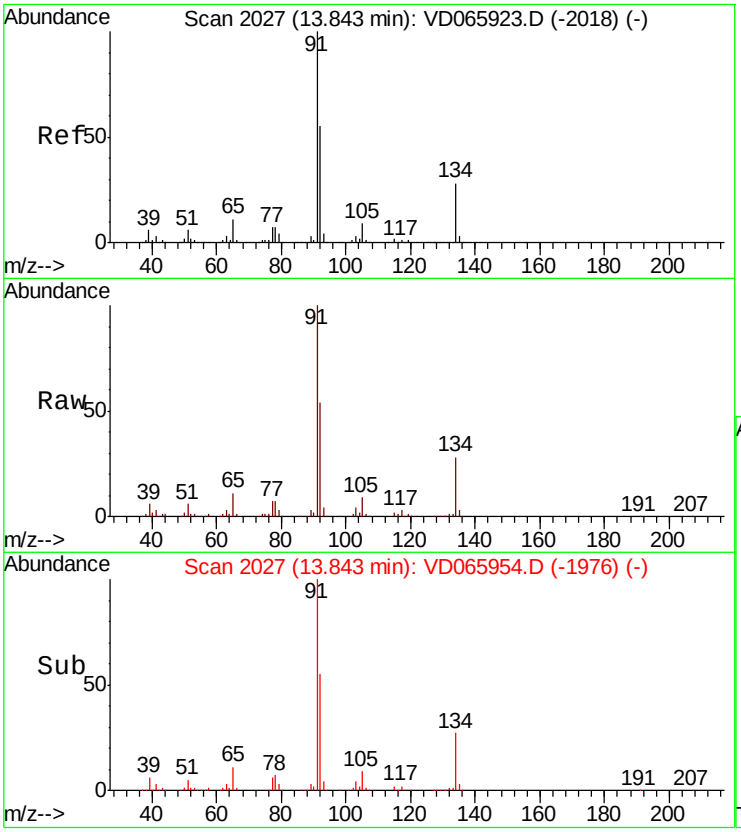




#88
1,4-Dichlorobenzene
Concen: 20.556 ug/l
RT: 13.60 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion:146 Resp: 161700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.6 | 18.9 | 56.7 |
| 148 | 65.2 | 32.1 | 96.3 |



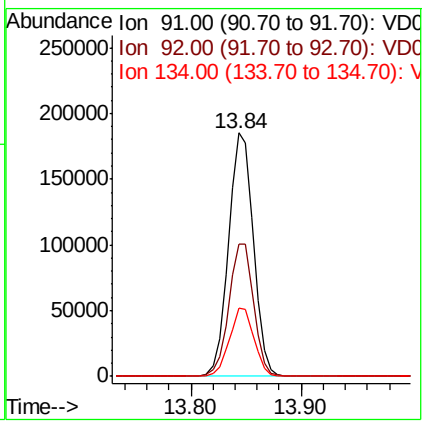


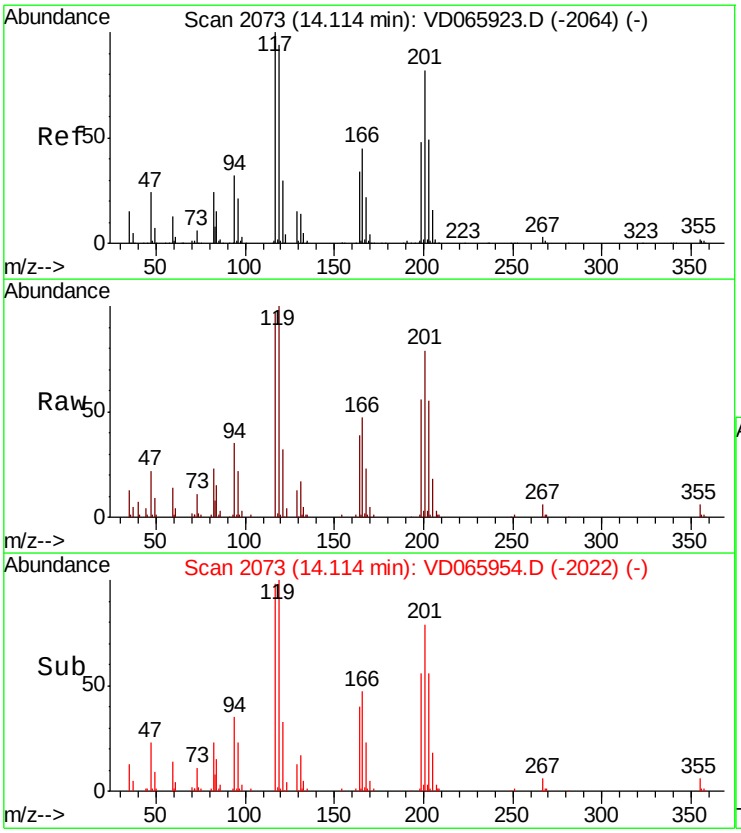

#89
n-Butylbenzene
Concen: 19.845 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion: 91 Resp: 292448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.2 | 27.2 | 81.6 |
| 134 | 27.9 | 13.8 | 41.3 |

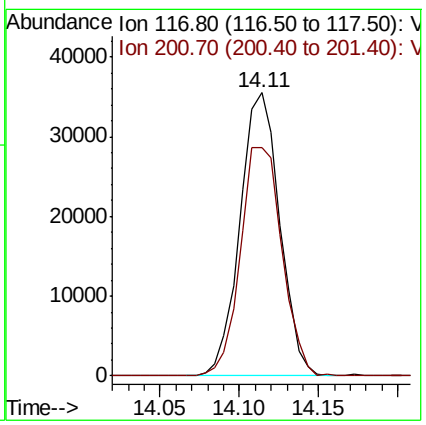


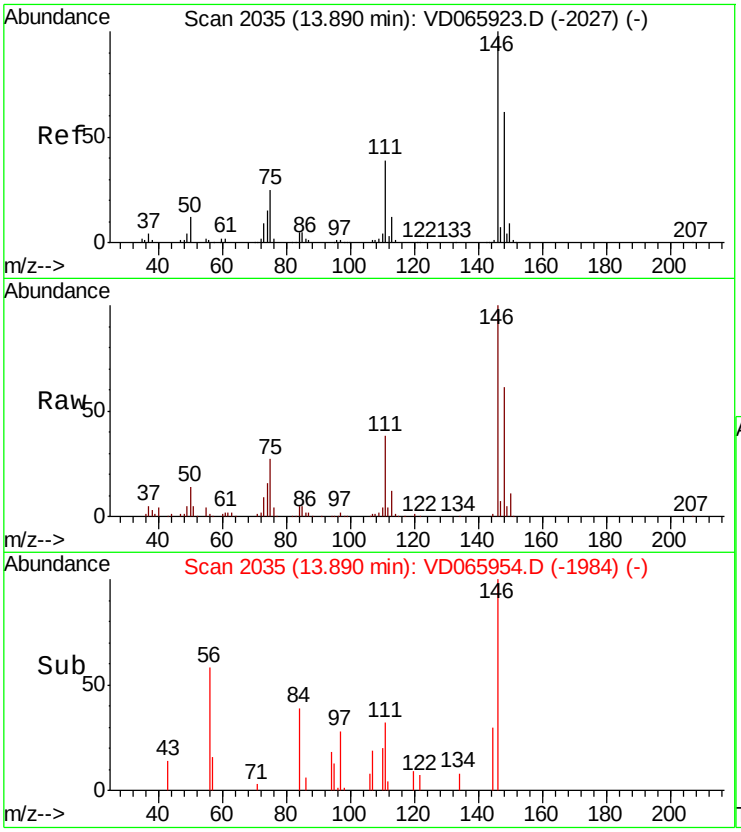




#90
Hexachloroethane
Concen: 19.532 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion:117 Resp: 61811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 84.8 | 40.0 | 120.0 |



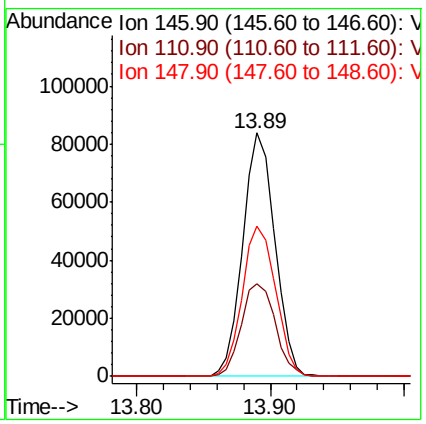


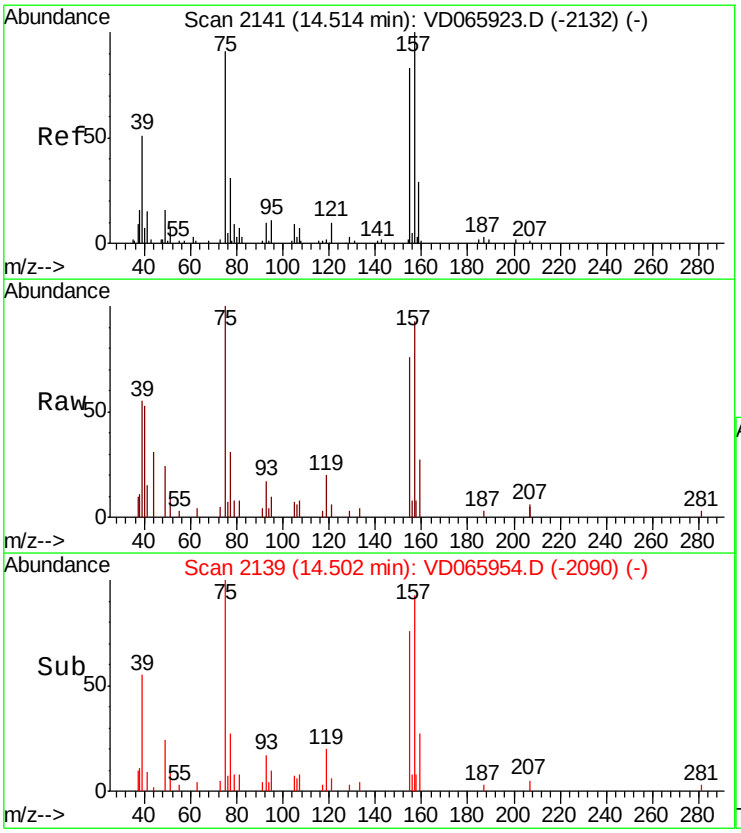

#91
1,2-Dichlorobenzene
Concen: 20.183 ug/l
RT: 13.89 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :** MSVOA_D
**ClientSampleId :** VD0716SBSD01

Tgt Ion:146 Resp: 139095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.2 | 19.7 | 59.0 |
| 148 | 64.0 | 32.5 | 97.5 |

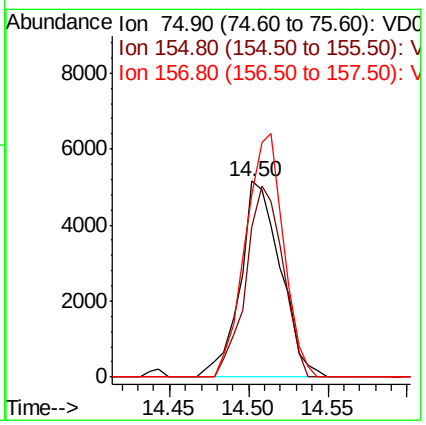


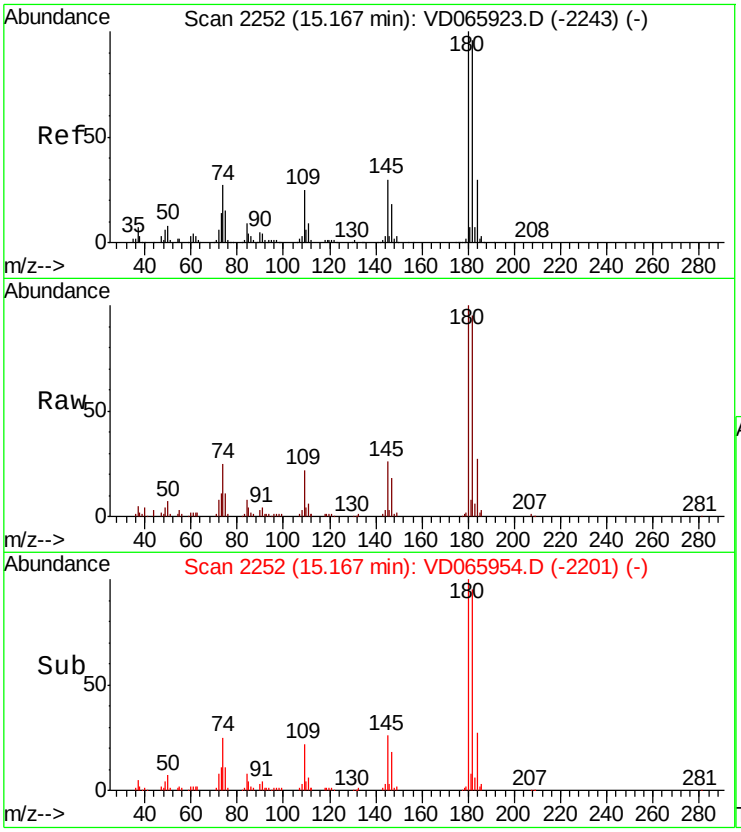




#92
1,2-Dibromo-3-Chloropropane
Concen: 18.829 ug/l
RT: 14.50 min Scan# 2139
Delta R.T. -0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion: 75 Resp: 9081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 89.8 | 45.3 | 135.8 |
| 157 | 117.8 | 56.9 | 170.6 |



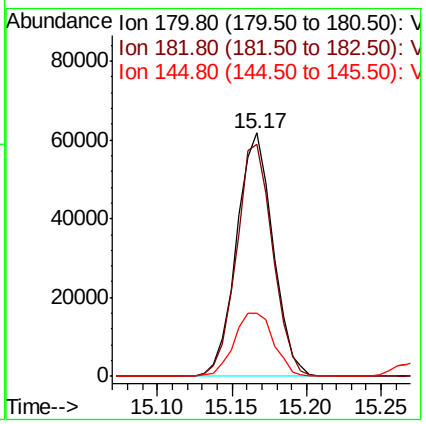


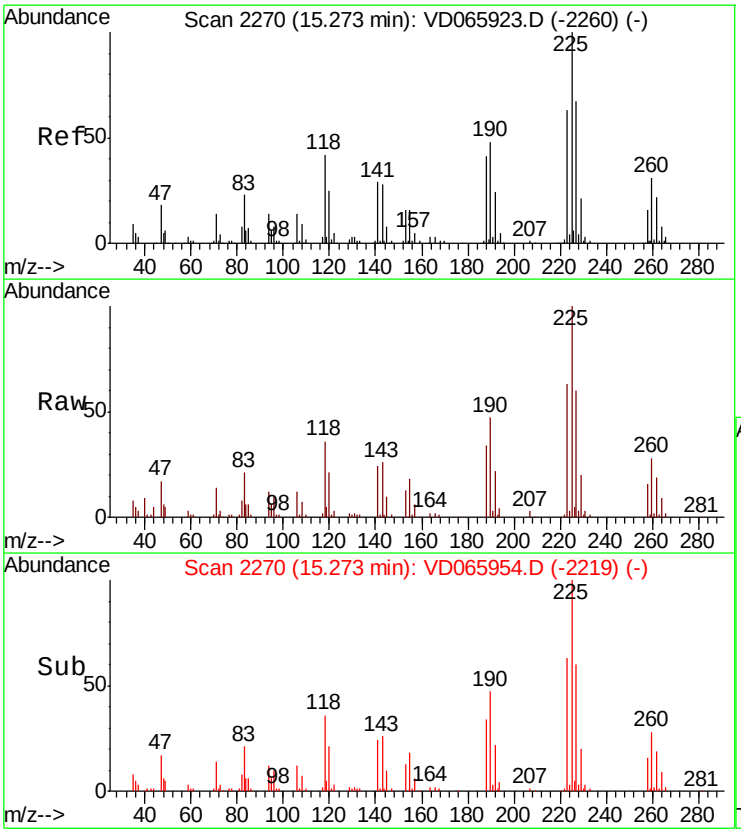

#93
1,2,4-Trichlorobenzene
Concen: 21.256 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion:180 Resp: 104404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.8 | 48.5 | 145.6 |
| 145 | 28.3 | 15.0 | 45.1 |

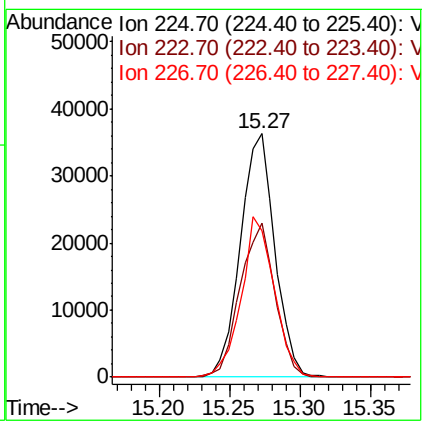


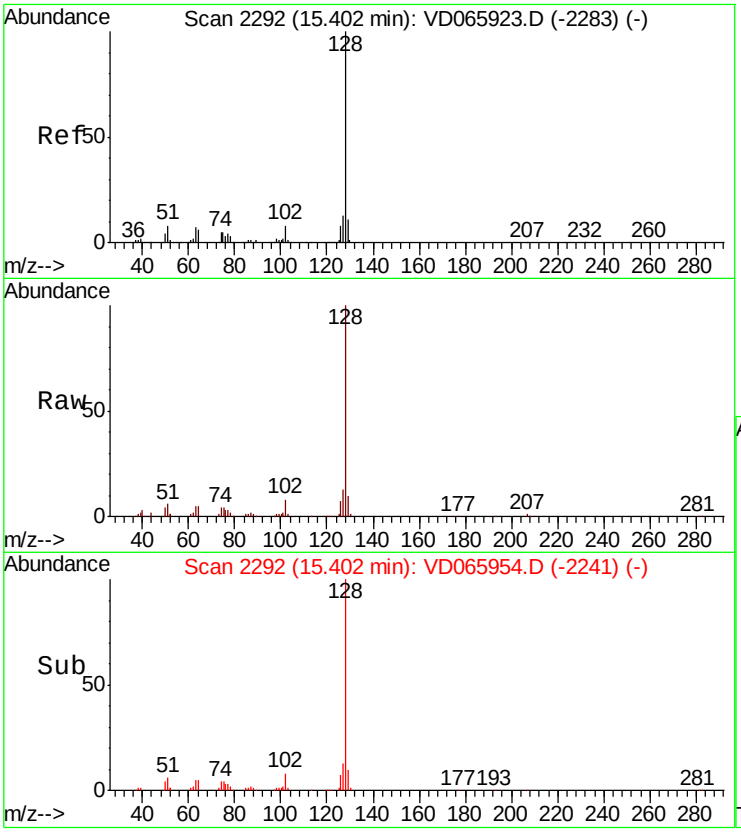




#94
Hexachlorobutadiene
Concen: 20.921 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion:225 Resp: 62158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.1 | 31.1 | 93.2 |
| 227 | 63.2 | 31.6 | 95.0 |



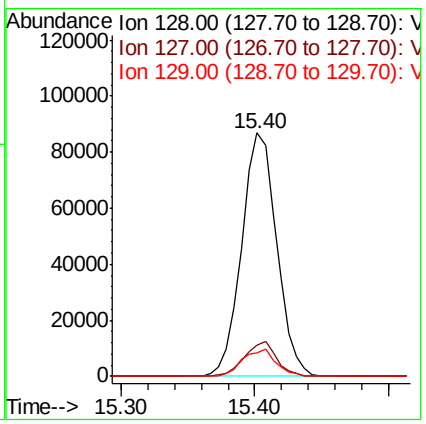


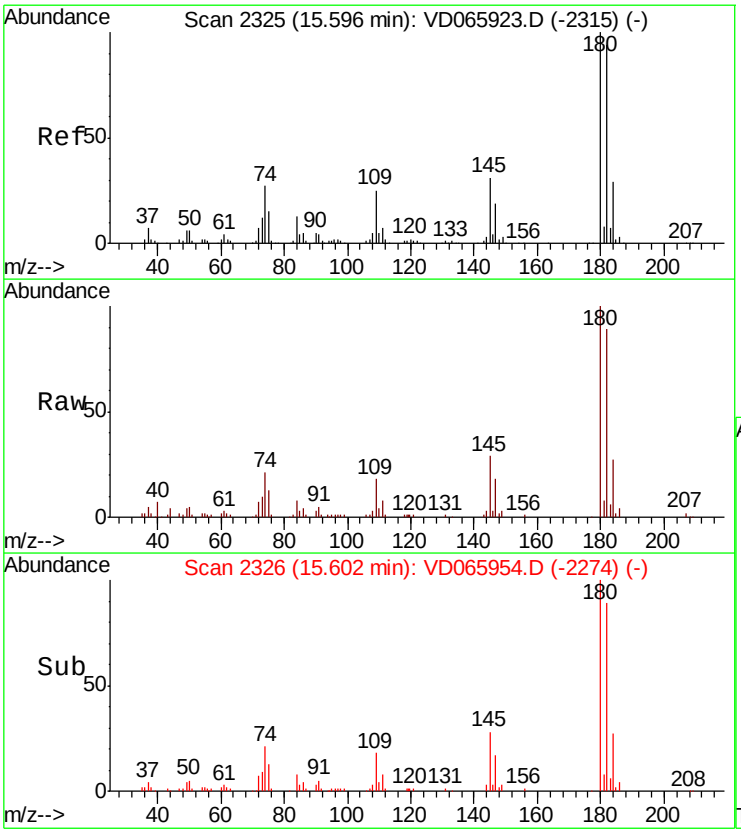

#95
Naphthalene
Concen: 19.108 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0716SBSD01

Tgt Ion:128 Resp: 157404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.0 | 10.8 | 16.2 |
| 129 | 10.8 | 8.9 | 13.3 |




#96
1,2,3-Trichlorobenzene
Concen: 20.697 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.01 min
Lab File: VD065954.D
Acq: 16 Jul 2020 13:45

Tgt Ion:180 Resp: 87684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.7 | 47.6 | 142.8 |
| 145 | 29.6 | 16.1 | 48.2 |