Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081020\
Data File : VD066164.D
Acq On : 10 Aug 2020 15:06
Operator : VA/SY
Sample : VD0810SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Quant Time: Aug 11 04:32:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.97 | 168 | 322886 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.86 | 114 | 471900 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.64 | 117 | 439944 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152 | 226156 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.33 | 65 | 148304 | 51.48 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.96% | | | | |
| 35) Dibromofluoromethane | 7.91 | 113 | 151227 | 50.59 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.18% | | | | |
| 50) Toluene-d8 | 10.34 | 98 | 577885 | 52.38 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.76% | | | | |
| 62) 4-Bromofluorobenzene | 12.63 | 95 | 205456 | 51.67 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.34% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.99 | 85 | 58019 | 20.395 | ug/l | | 94 |
| 3) Chloromethane | 2.20 | 50 | 41972 | 18.967 | ug/l | | 90 |
| 4) Vinyl Chloride | 2.34 | 62 | 37480 | 19.131 | ug/l | | 100 |
| 5) Bromomethane | 2.74 | 94 | 24540 | 18.880 | ug/l | | 95 |
| 6) Chloroethane | 2.91 | 64 | 23106 | 19.213 | ug/l | # | 82 |
| 7) Trichlorofluoromethane | 3.26 | 101 | 94907 | 18.581 | ug/l | | 98 |
| 8) Diethyl Ether | 3.70 | 74 | 26658 | 18.497 | ug/l | | 99 |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 56526 | 18.648 | ug/l | | 99 |
| 10) Methyl Iodide | 4.29 | 142 | 53282 | 23.427 | ug/l | | 98 |
| 11) Tert butyl alcohol | 5.20 | 59 | 24661 | 90.397 | ug/l | # | 85 |
| 12) 1,1-Dichloroethene | 4.06 | 96 | 52995 | 18.533 | ug/l | | 88 |
| 13) Acrolein | 3.91 | 56 | 19235 | 83.889 | ug/l | | 100 |
| 14) Allyl chloride | 4.70 | 41 | 79636 | 18.383 | ug/l | | 99 |
| 15) Acrylonitrile | 5.41 | 53 | 57605 | 94.853 | ug/l | | 97 |
| 16) Acetone | 4.16 | 43 | 52899 | 96.782 | ug/l | | 94 |
| 17) Carbon Disulfide | 4.40 | 76 | 162030 | 17.821 | ug/l | | 98 |
| 18) Methyl Acetate | 4.71 | 43 | 25190 | 18.144 | ug/l | | 98 |
| 19) Methyl tert-butyl Ether | 5.47 | 73 | 117449 | 17.920 | ug/l | | 100 |
| 20) Methylene Chloride | 4.96 | 84 | 73686 | 20.745 | ug/l | | 98 |
| 21) trans-1,2-Dichloroethene | 5.46 | 96 | 60109 | 18.298 | ug/l | | 94 |
| 22) Diisopropyl ether | 6.36 | 45 | 160010 | 18.678 | ug/l | | 93 |
| 23) Vinyl Acetate | 6.30 | 43 | 465349 | 92.722 | ug/l | | 99 |
| 24) 1,1-Dichloroethane | 6.26 | 63 | 99145 | 18.701 | ug/l | | 97 |
| 25) 2-Butanone | 7.20 | 43 | 72965 | 90.762 | ug/l | | 98 |
| 26) 2,2-Dichloropropane | 7.20 | 77 | 90864 | 19.122 | ug/l | | 99 |
| 27) cis-1,2-Dichloroethene | 7.20 | 96 | 62646 | 18.182 | ug/l | | 100 |
| 28) Bromochloromethane | 7.54 | 49 | 42087 | 22.602 | ug/l | | 96 |
| 29) Tetrahydrofuran | 7.56 | 42 | 44800 | 89.946 | ug/l | | 98 |
| 30) Chloroform | 7.70 | 83 | 100742 | 18.097 | ug/l | | 91 |
| 31) Cyclohexane | 7.98 | 56 | 94156 | 18.657 | ug/l | | 95 |
| 32) 1,1,1-Trichloroethane | 7.90 | 97 | 94466 | 18.098 | ug/l | | 99 |
| 36) 1,1-Dichloropropene | 8.10 | 75 | 80814 | 18.224 | ug/l | | 99 |
| 37) Ethyl Acetate | 7.28 | 43 | 33694 | 19.177 | ug/l | | 97 |
| 38) Carbon Tetrachloride | 8.08 | 117 | 89887 | 18.177 | ug/l | | 90 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081020\
Data File : VD066164.D
Acq On : 10 Aug 2020 15:06
Operator : VA/SY
Sample : VD0810SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Quant Time: Aug 11 04:32:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.35 | 83 | 97284 | 18.148 ug/l | | 93 |
| 40) Benzene | 8.34 | 78 | 225424 | 18.325 ug/l | | 96 |
| 41) Methacrylonitrile | 7.51 | 41 | 13286 | 12.861 ug/l | # | 74 |
| 42) 1,2-Dichloroethane | 8.42 | 62 | 64626 | 17.883 ug/l | | 99 |
| 43) Isopropyl Acetate | 8.44 | 43 | 61182 | 17.674 ug/l | | 99 |
| 44) Trichloroethene | 9.11 | 130 | 66722 | 18.000 ug/l | | 94 |
| 45) 1,2-Dichloropropane | 9.38 | 63 | 56435 | 18.758 ug/l | | 94 |
| 46) Dibromomethane | 9.47 | 93 | 31076 | 18.752 ug/l | | 97 |
| 47) Bromodichloromethane | 9.66 | 83 | 79813 | 18.222 ug/l | | 93 |
| 48) Methyl methacrylate | 9.45 | 41 | 27793 | 15.723 ug/l | | 88 |
| 49) 1,4-Dioxane | 9.46 | 88 | 7737 | 363.391 ug/l | | 96 |
| 51) 4-Methyl-2-Pentanone | 10.23 | 43 | 158946 | 89.388 ug/l | | 98 |
| 52) Toluene | 10.40 | 92 | 148792 | 18.382 ug/l | | 97 |
| 53) t-1,3-Dichloropropene | 10.62 | 75 | 77088 | 18.546 ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 10.08 | 75 | 90172 | 18.516 ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 10.80 | 97 | 43338 | 18.161 ug/l | | 96 |
| 56) Ethyl methacrylate | 10.66 | 69 | 52648 | 18.366 ug/l | | 97 |
| 57) 1,3-Dichloropropane | 10.94 | 76 | 73836 | 18.638 ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 9.94 | 63 | 138000 | 107.021 ug/l | | 98 |
| 59) 2-Hexanone | 10.98 | 43 | 112753 | 90.351 ug/l | | 97 |
| 60) Dibromochloromethane | 11.14 | 129 | 59790 | 18.148 ug/l | | 100 |
| 61) 1,2-Dibromoethane | 11.24 | 107 | 42571 | 18.550 ug/l | | 99 |
| 64) Tetrachloroethene | 10.87 | 164 | 59272 | 17.545 ug/l | | 96 |
| 65) Chlorobenzene | 11.67 | 112 | 166474 | 18.640 ug/l | | 94 |
| 66) 1,1,1,2-Tetrachloroethane | 11.74 | 131 | 61598 | 17.627 ug/l | | 98 |
| 67) Ethyl Benzene | 11.74 | 91 | 287504 | 18.577 ug/l | | 99 |
| 68) m/p-Xylenes | 11.86 | 106 | 221053 | 36.865 ug/l | | 99 |
| 69) o-Xylene | 12.18 | 106 | 99840 | 18.304 ug/l | | 99 |
| 70) Styrene | 12.20 | 104 | 177861 | 18.606 ug/l | | 99 |
| 71) Bromoform | 12.36 | 173 | 36184 | 17.477 ug/l | # | 96 |
| 73) Isopropylbenzene | 12.48 | 105 | 277890 | 18.408 ug/l | | 100 |
| 74) N-amyl acetate | 12.29 | 43 | 57940 | 17.429 ug/l | | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 12.73 | 83 | 47445 | 18.431 ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 12.78 | 75 | 64189 | 34.035 ug/l | # | 100 |
| 77) Bromobenzene | 12.76 | 156 | 70968 | 18.262 ug/l | | 98 |
| 78) n-propylbenzene | 12.82 | 91 | 330236 | 18.818 ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.91 | 91 | 187921 | 18.724 ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 12.96 | 105 | 237648 | 18.823 ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75 | 16118 | 18.892 ug/l | | 99 |
| 82) 4-Chlorotoluene | 13.01 | 91 | 196812 | 18.576 ug/l | | 99 |
| 83) tert-Butylbenzene | 13.23 | 119 | 202114 | 18.203 ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 13.27 | 105 | 232173 | 18.375 ug/l | | 97 |
| 85) sec-Butylbenzene | 13.41 | 105 | 280176 | 18.690 ug/l | | 99 |
| 86) p-Isopropyltoluene | 13.52 | 119 | 267071 | 18.995 ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.52 | 146 | 138119 | 18.911 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.60 | 146 | 134891 | 18.519 ug/l | | 99 |
| 89) n-Butylbenzene | 13.85 | 91 | 237186 | 18.829 ug/l | | 99 |
| 90) Hexachloroethane | 14.11 | 117 | 51162 | 18.245 ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 13.90 | 146 | 117585 | 18.204 ug/l | | 97 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75 | 7490 | 16.929 ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081020\
Data File : VD066164.D
Acq On : 10 Aug 2020 15:06
Operator : VA/SY
Sample : VD0810SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Quant Time: Aug 11 04:32:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180 | 84641 | 17.781 | ug/l | 98 |
| 94) Hexachlorobutadiene | 15.27 | 225 | 51259 | 18.287 | ug/l | 99 |
| 95) Naphthalene | 15.41 | 128 | 137997 | 17.792 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180 | 75663 | 18.006 | ug/l | 97 |

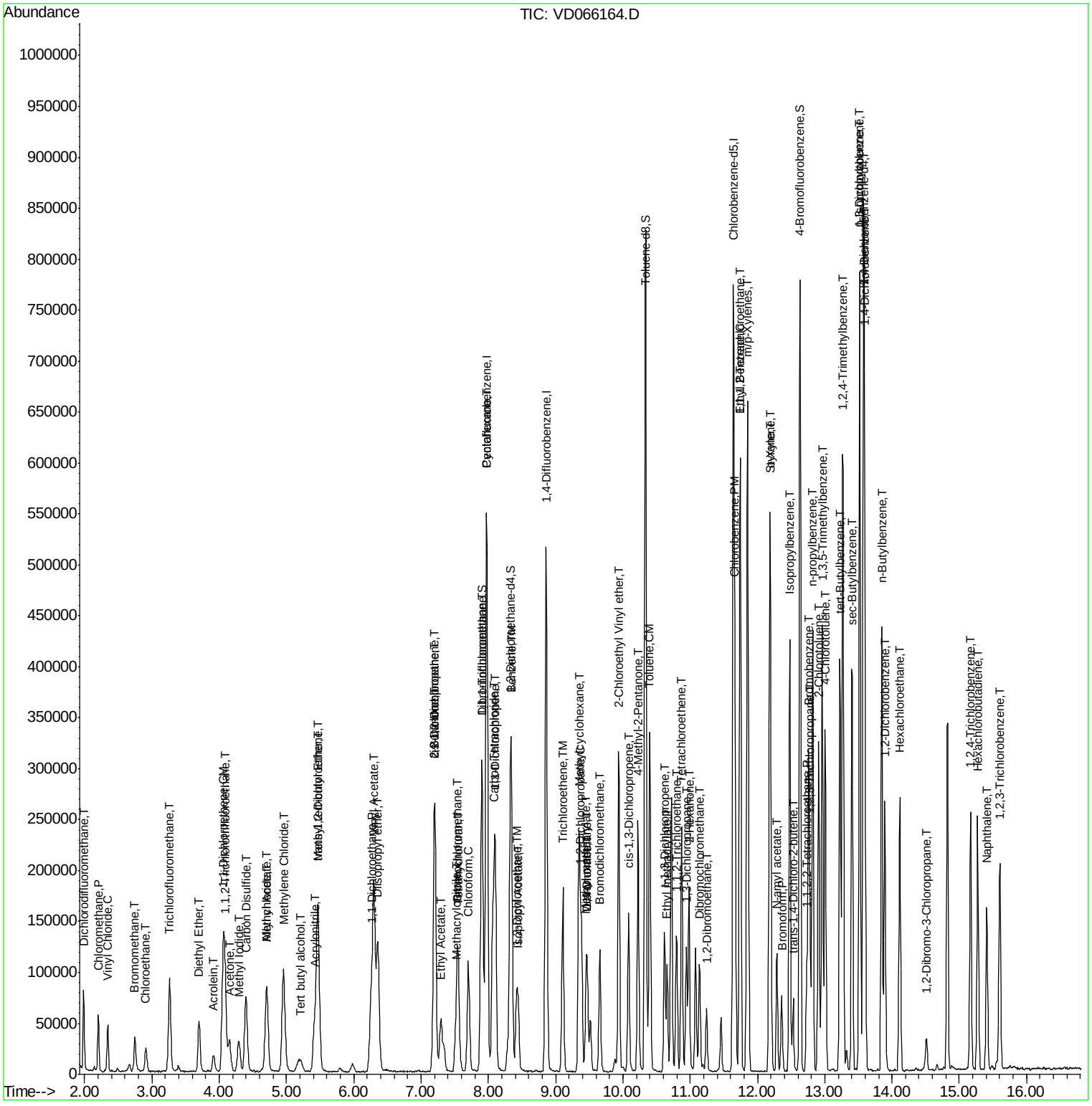
(#) = qualifier out of range (m) = manual integration (+) = signals summed

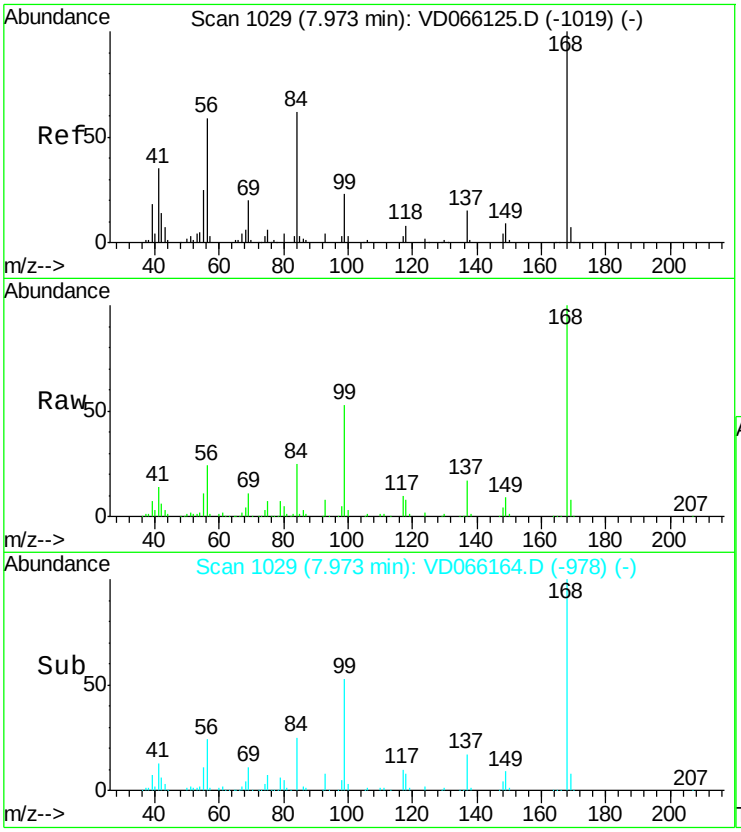
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081020\
Data File : VD066164.D
Acq On : 10 Aug 2020 15:06
Operator : VA/SY
Sample : VD0810SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Quant Time: Aug 11 04:32:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration



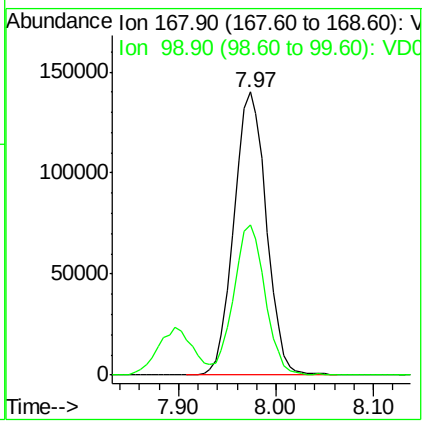


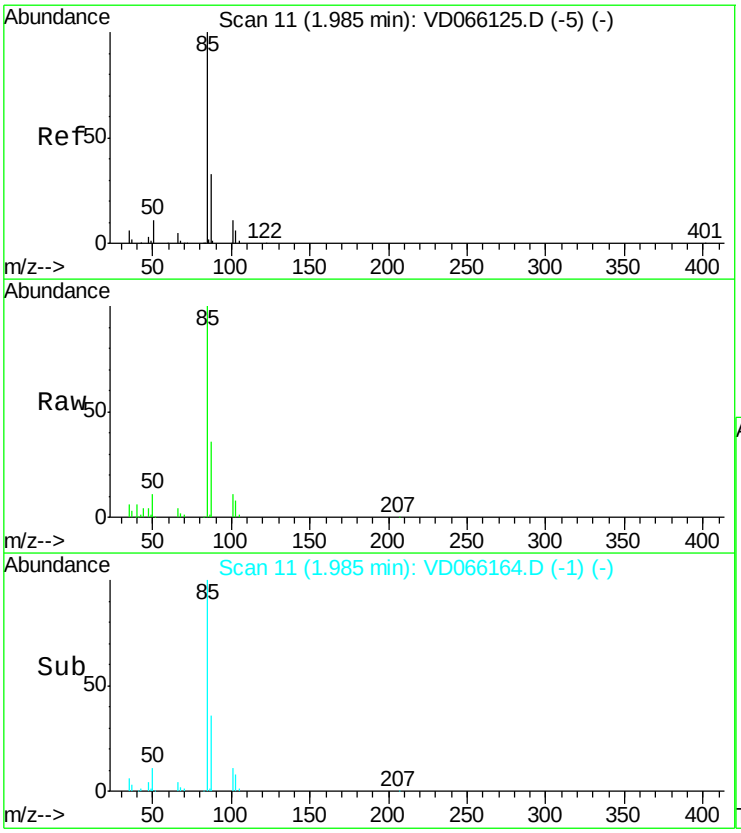

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0810SBS01

Tgt Ion:168 Resp: 322886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 53.0 | 42.2 | 63.4 |

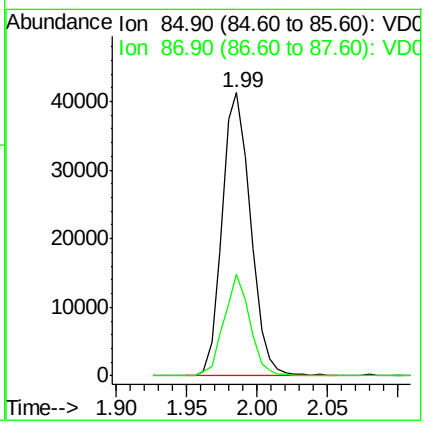


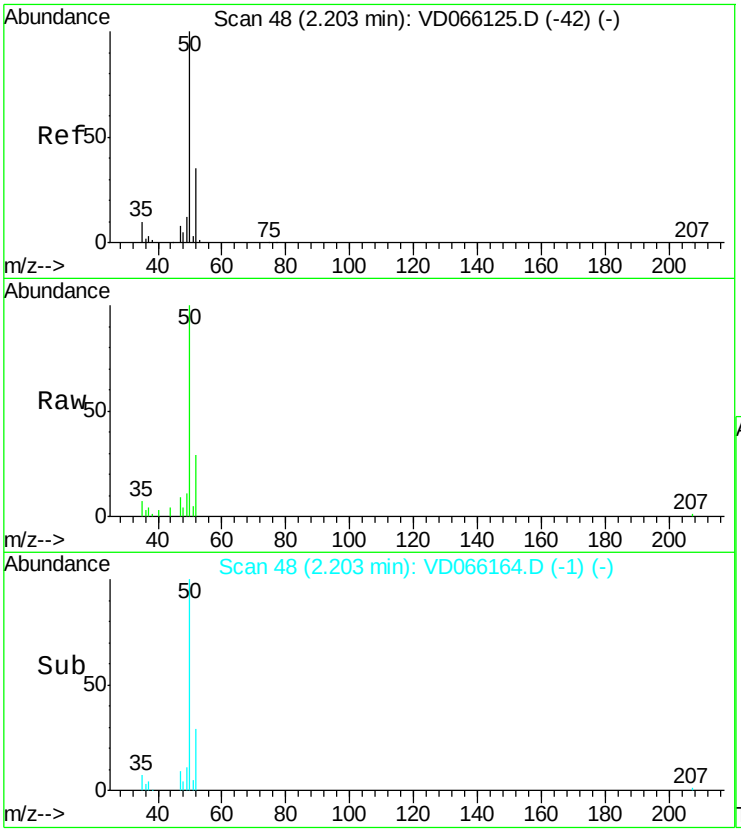




#2
Dichlorodifluoromethane
Concen: 20.395 ug/l
RT: 1.99 min Scan# 11
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 85 Resp: 58019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 35.8 | 16.3 | 48.8 |



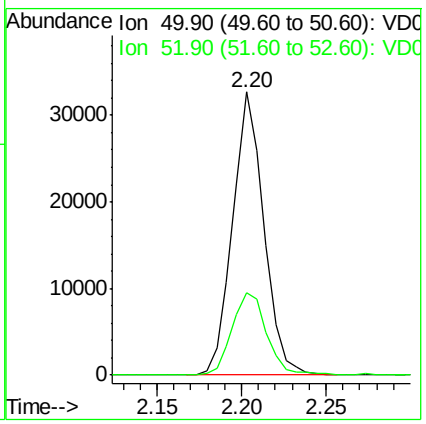


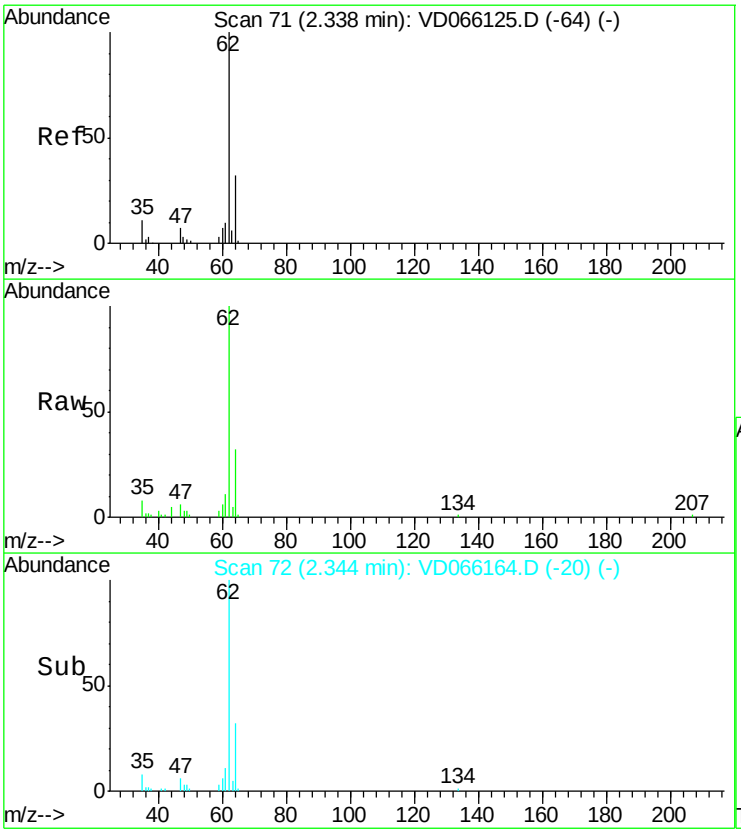

#3
Chloromethane
Concen: 18.967 ug/l
RT: 2.20 min Scan# 48
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0810SBS01

Tgt Ion: 50 Resp: 41972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 29.0 | 27.9 | 41.9 |

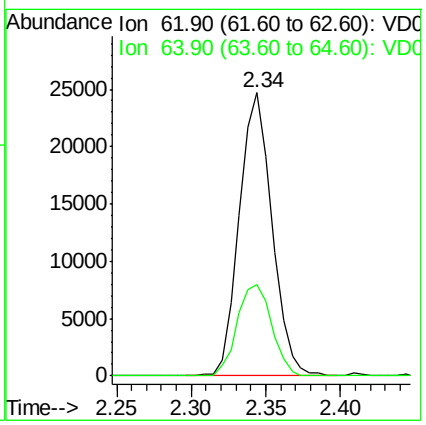


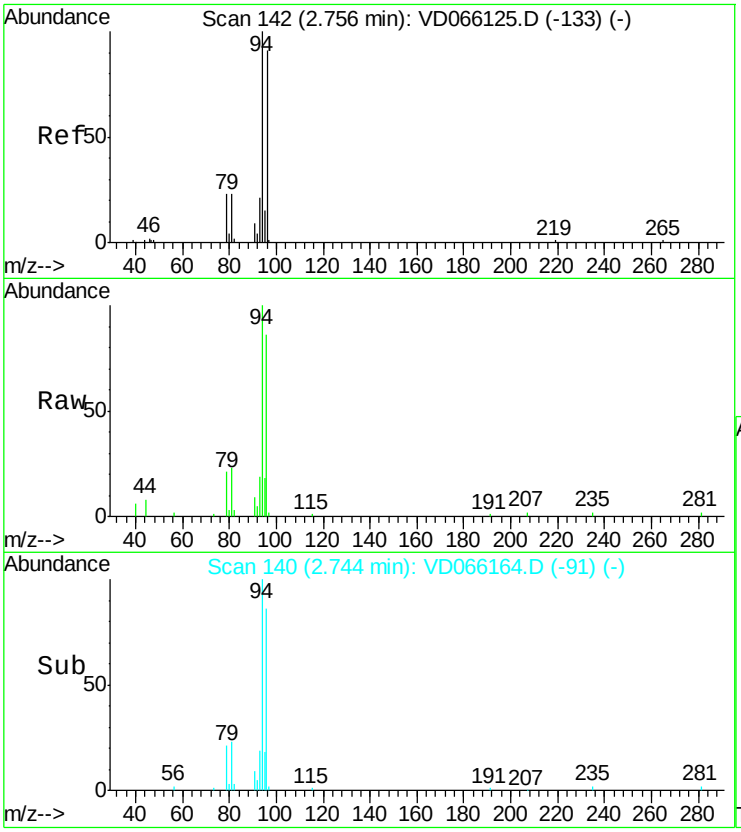




#4
Vinyl Chloride
Concen: 19.131 ug/l
RT: 2.34 min Scan# 72
Delta R.T. 0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 62 Resp: 37480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.3 | 25.8 | 38.8 |



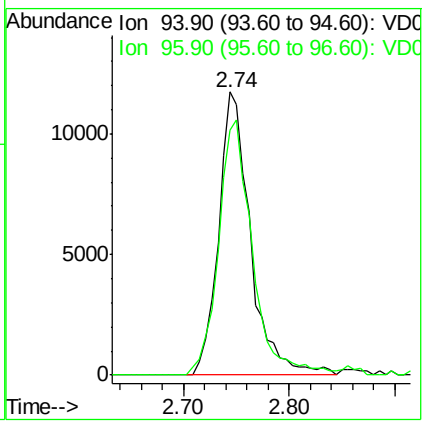


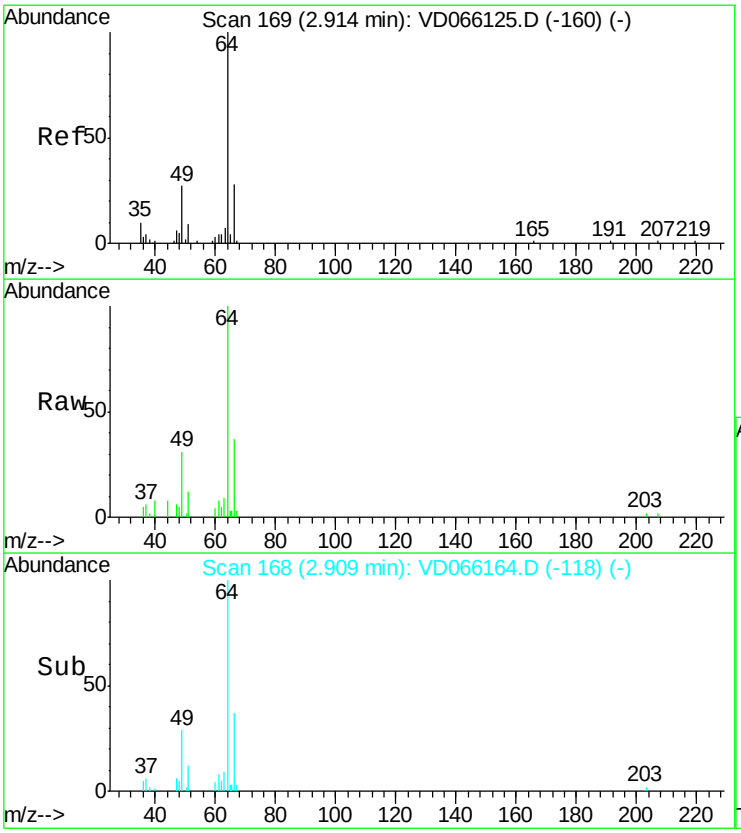

#5
Bromomethane
Concen: 18.880 ug/l
RT: 2.74 min Scan# 140
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0810SBS01

Tgt Ion: 94 Resp: 24540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 86.3 | 72.6 | 109.0 |

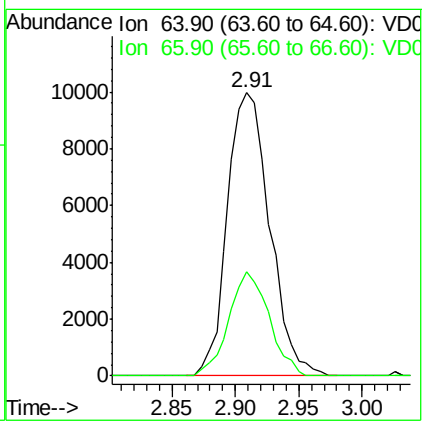


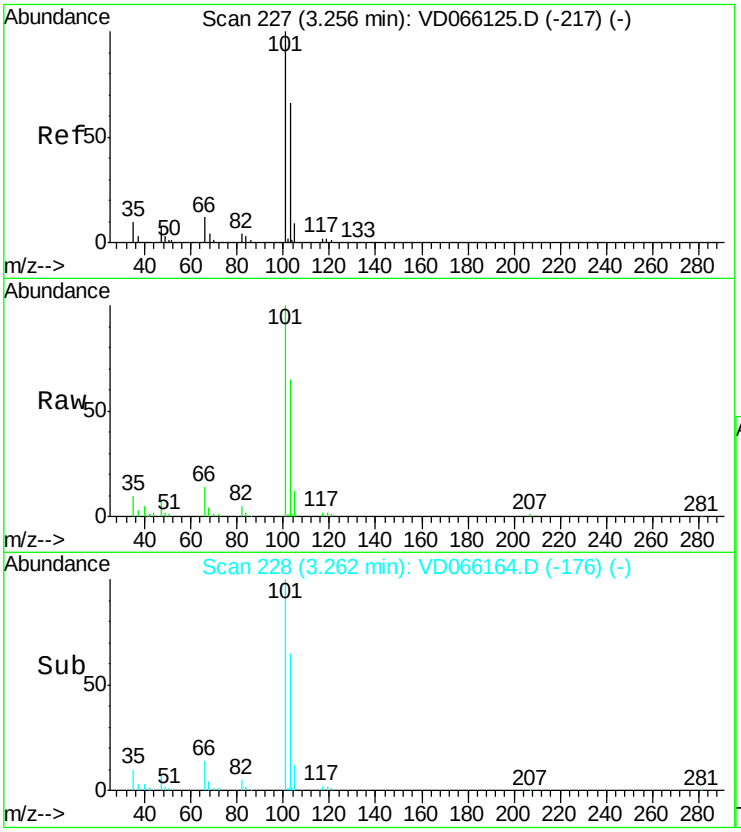




#6
Chloroethane
Concen: 19.213 ug/l
RT: 2.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 64 Resp: 23106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 37.0 | 22.0 | 33.0# |



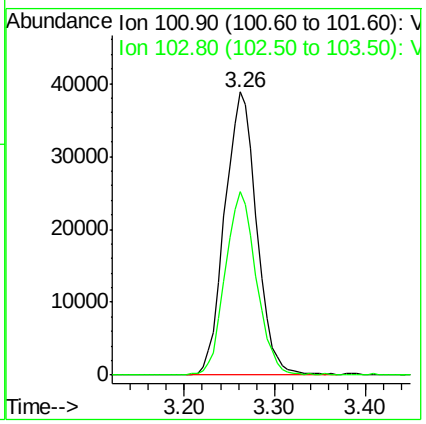


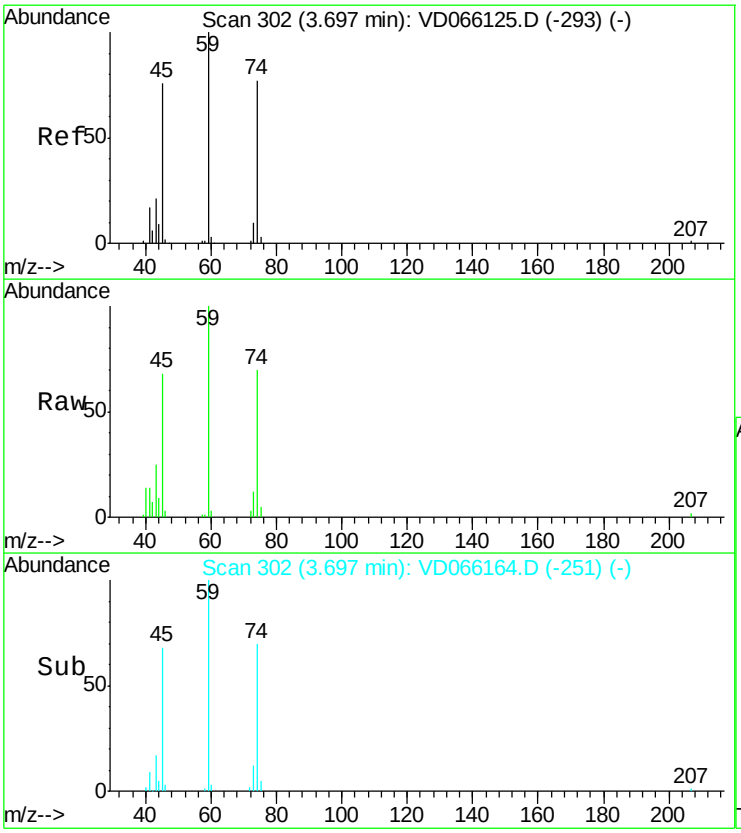

#7
Trichlorofluoromethane
Concen: 18.581 ug/l
RT: 3.26 min Scan# 228
Delta R.T. 0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0810SBS01

Tgt Ion:101 Resp: 94907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.8 | 53.0 | 79.6 |

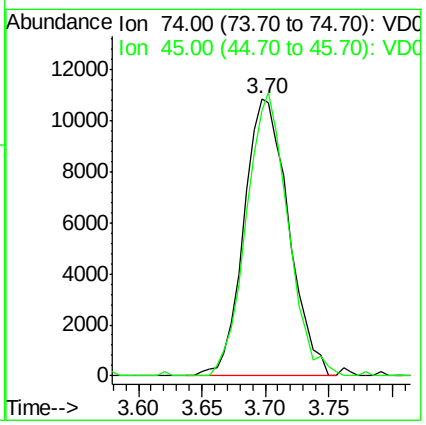


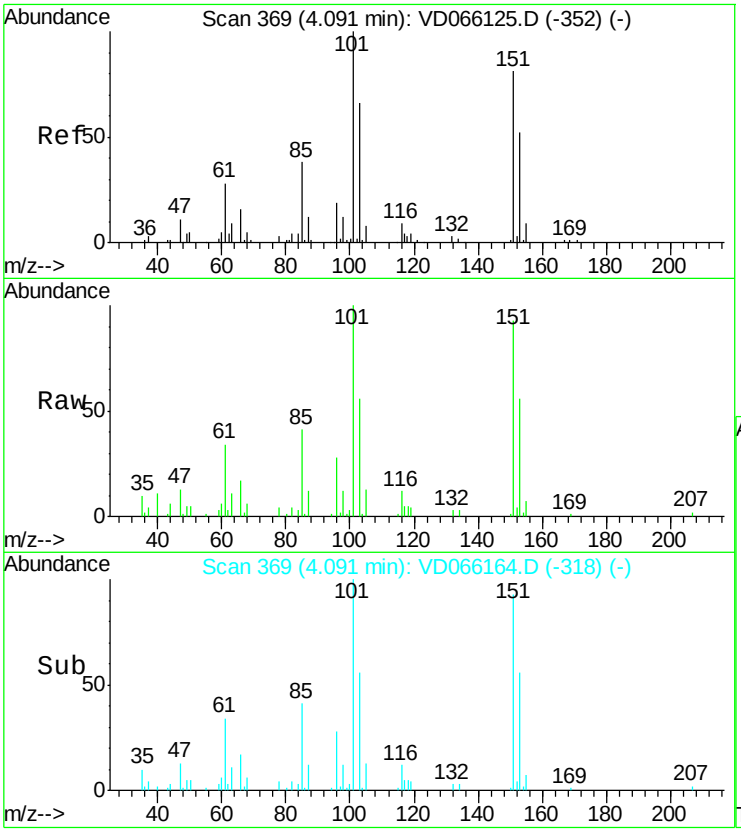




#8
Diethyl Ether
Concen: 18.497 ug/l
RT: 3.70 min Scan# 302
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 74 Resp: 26658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 95.4 | 48.4 | 145.2 |



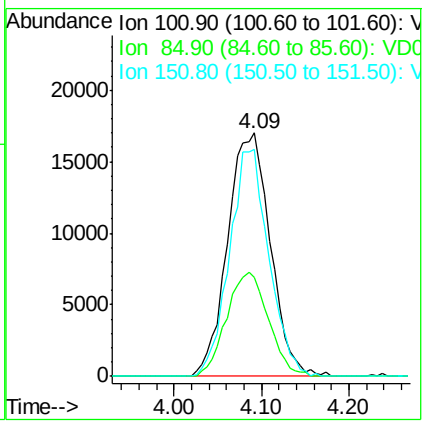


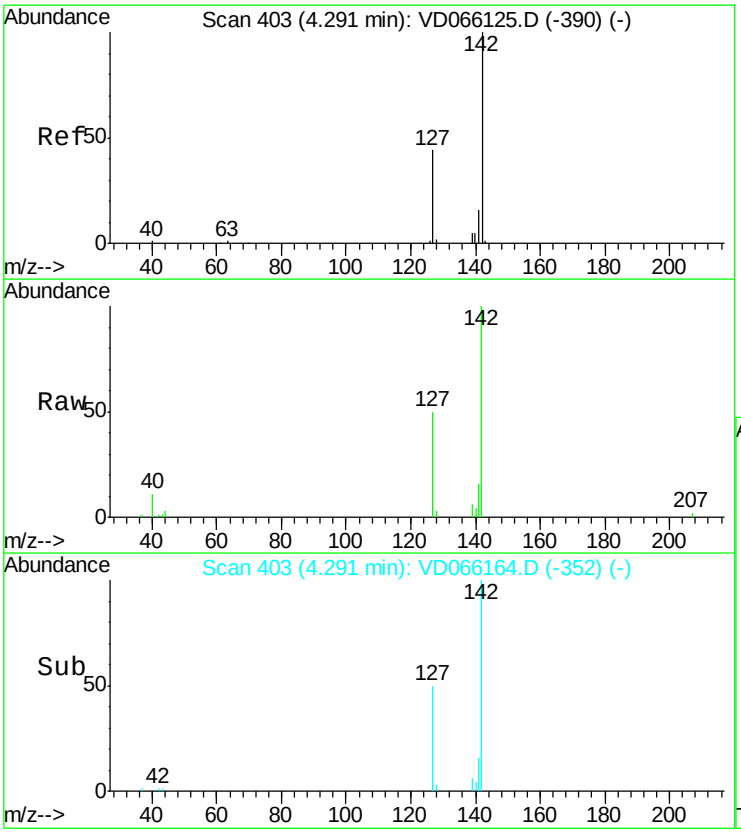

#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.648 ug/l
RT: 4.09 min Scan# 369
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0810SBS01

Tgt Ion:101 Resp: 56526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 41.8 | 33.5 | 50.3 |
| 151 | 85.9 | 67.8 | 101.8 |

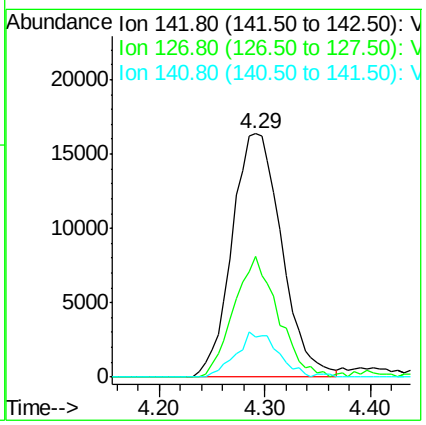


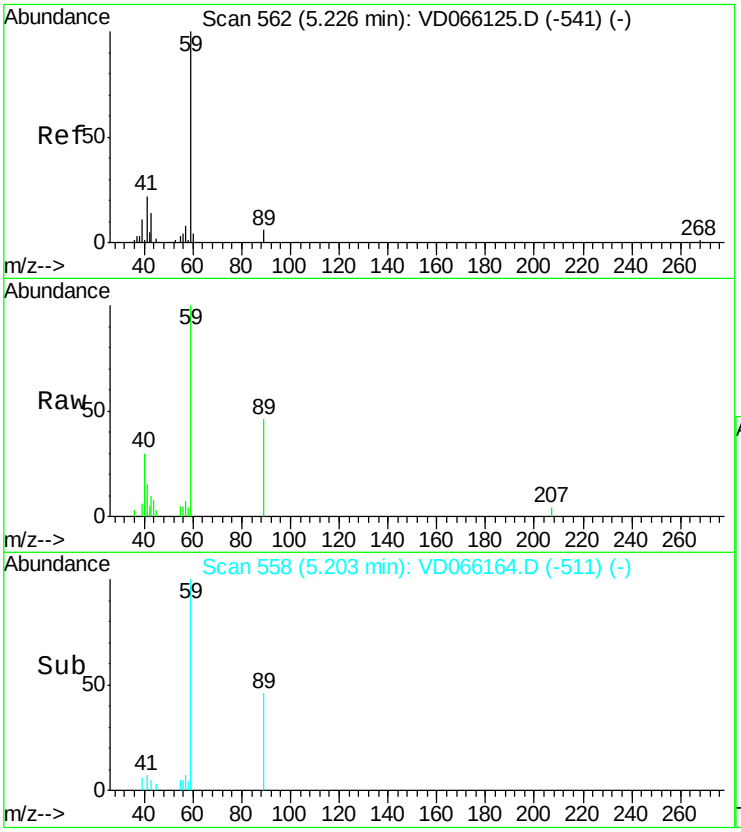




#10
Methyl Iodide
Concen: 23.427 ug/l
RT: 4.29 min Scan# 403
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion:142 Resp: 53282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 43.8 | 36.2 | 54.4 |
| 141 | 15.4 | 12.6 | 18.8 |



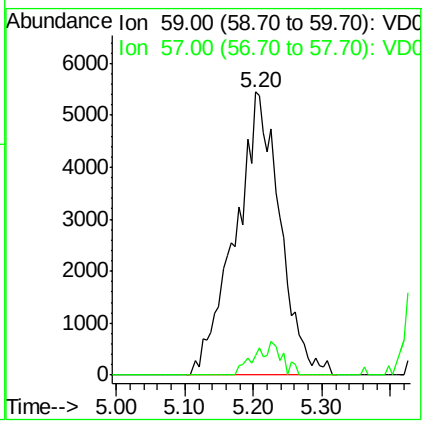


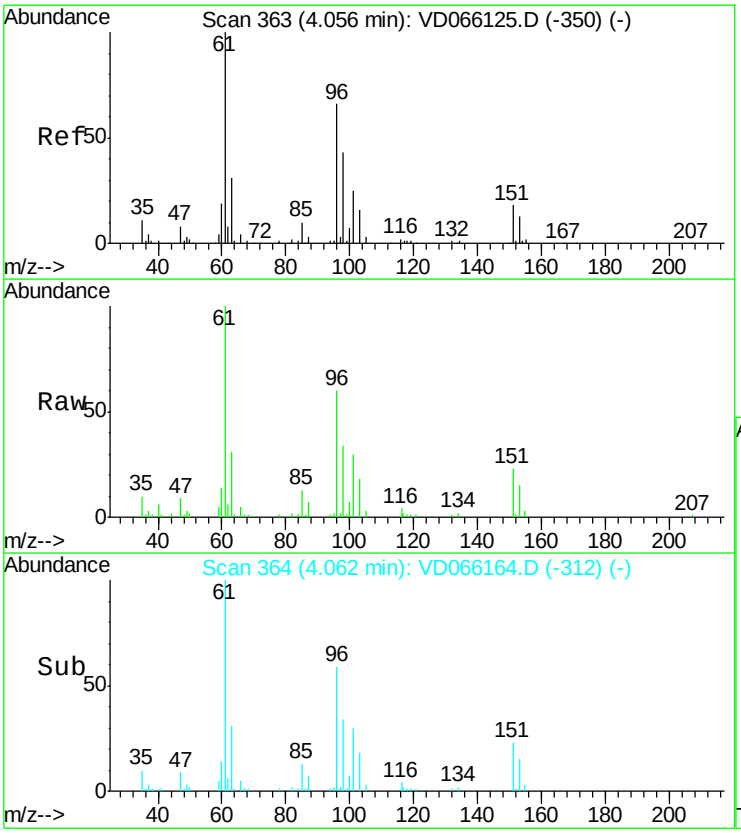

#11
Tert butyl alcohol
Concen: 90.397 ug/l
RT: 5.20 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 59 Resp: 24661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 3.1 | 7.0 | 10.4# |

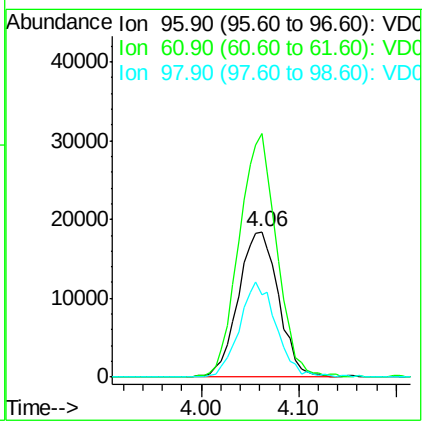


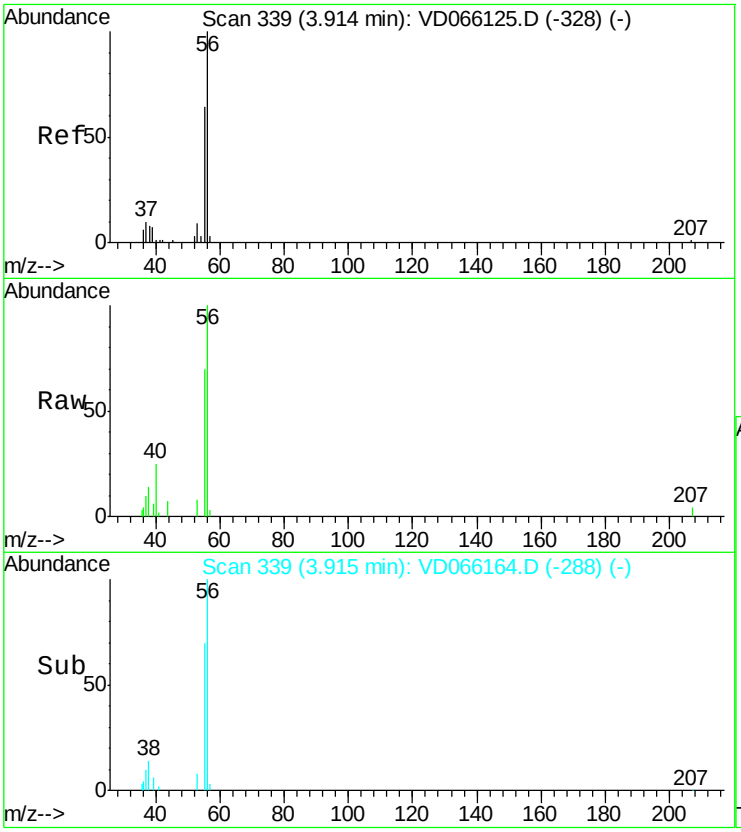




#12
1,1-Dichloroethene
Concen: 18.533 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 96 Resp: 52995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 167.5 | 121.6 | 182.4 |
| 98 | 56.6 | 52.0 | 78.0 |



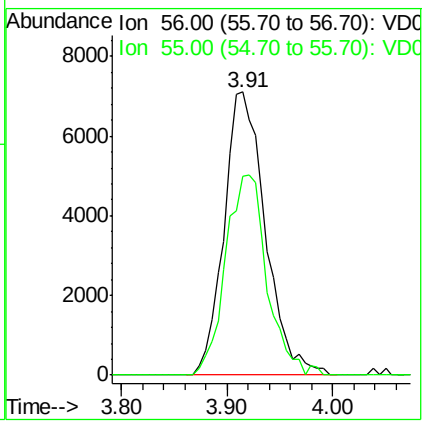


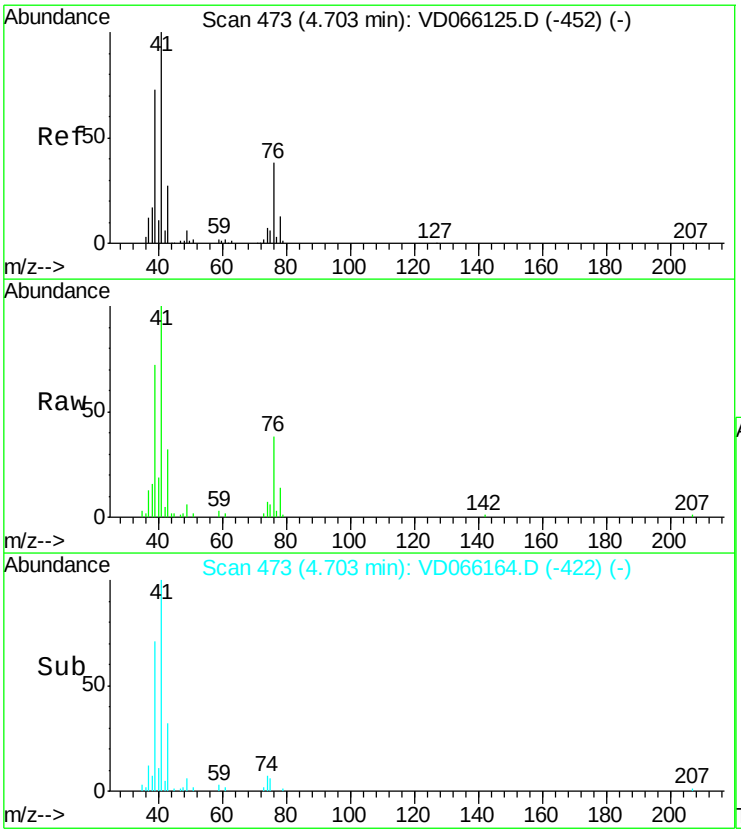

#13
Acrolein
Concen: 83.889 ug/l
RT: 3.91 min Scan# 339
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 56 Resp: 19235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.7 | 56.7 | 85.1 |

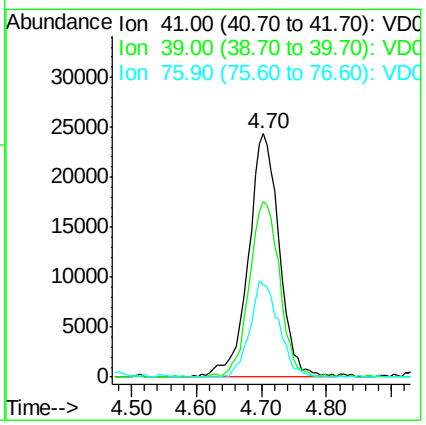


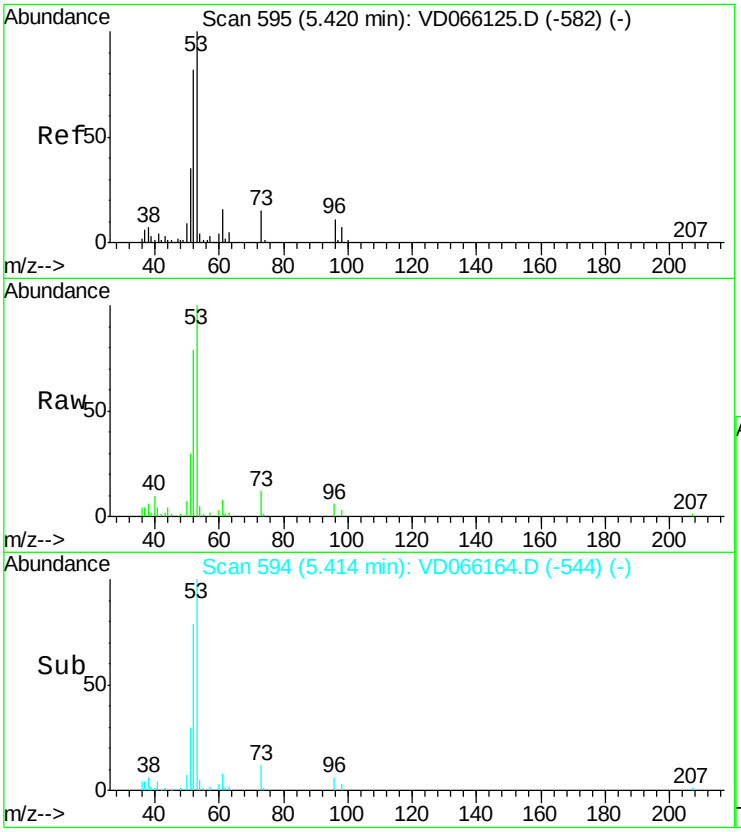




#14
Allyl chloride
Concen: 18.383 ug/l
RT: 4.70 min Scan# 473
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 41 Resp: 79636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 70.7 | 57.4 | 86.0 |
| 76 | 36.9 | 30.1 | 45.1 |



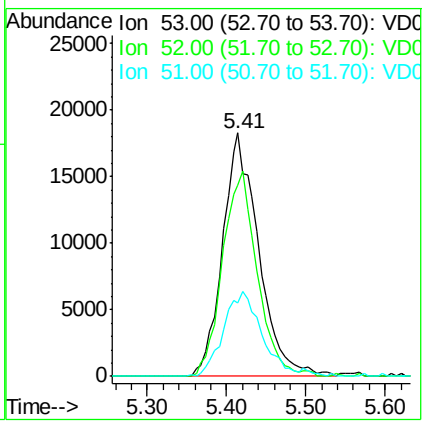


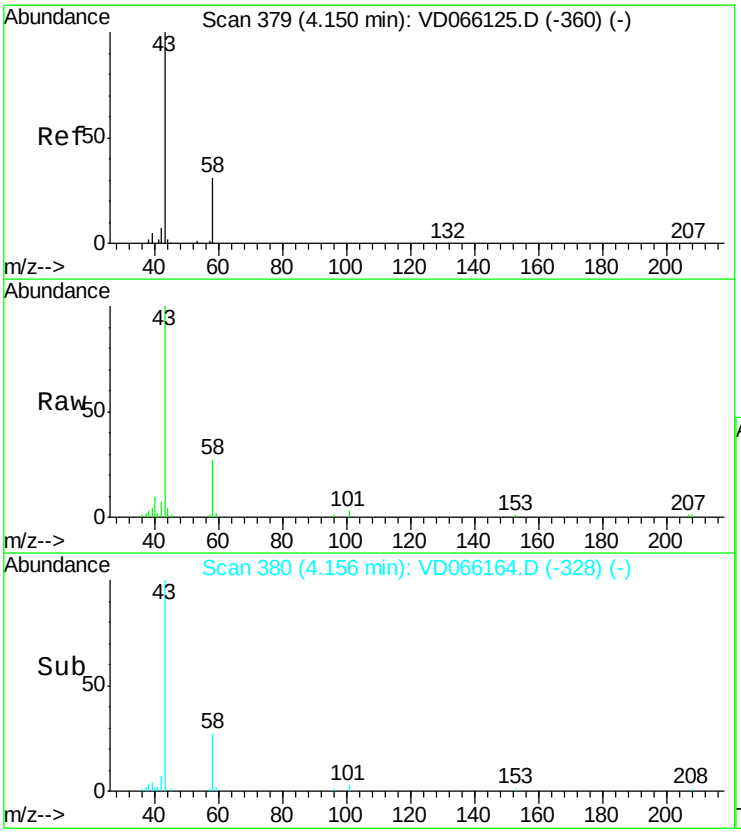

#15
Acrylonitrile
Concen: 94.853 ug/l
RT: 5.41 min Scan# 594
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 53 Resp: 57605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 80.4 | 66.1 | 99.1 |
| 51 | 36.6 | 30.8 | 46.2 |

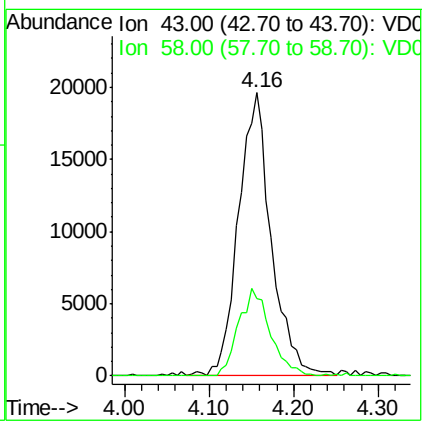


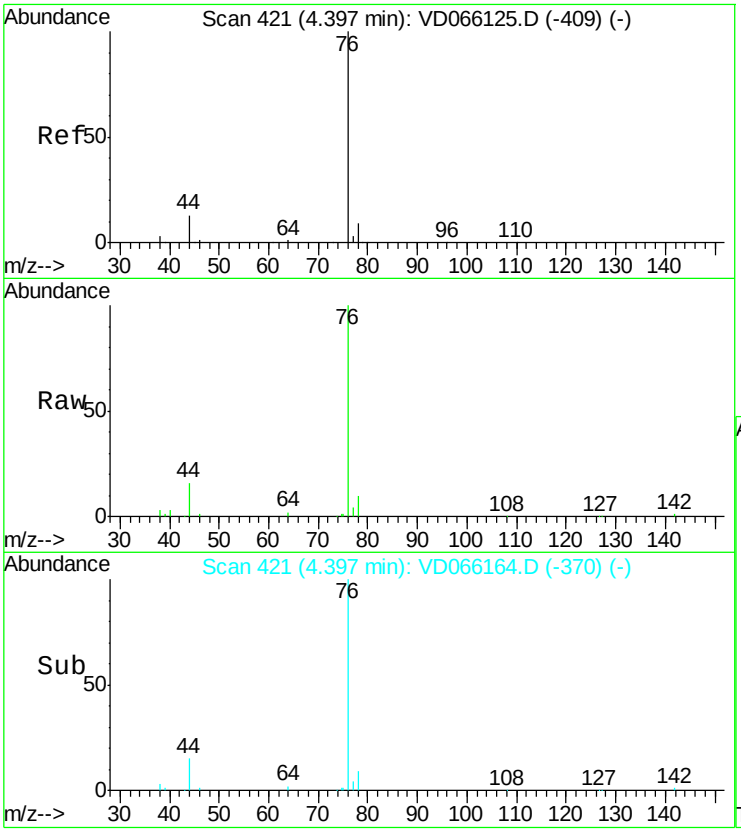




#16
Acetone
Concen: 96.782 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 43 Resp: 52899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.5 | 24.7 | 37.1 |



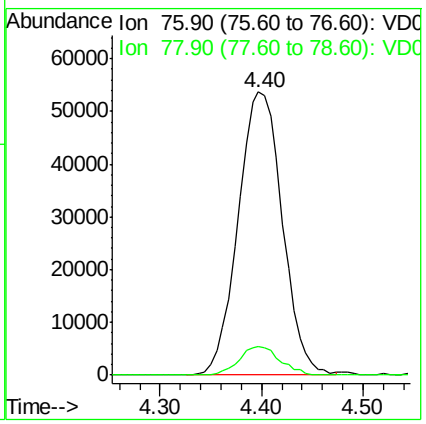


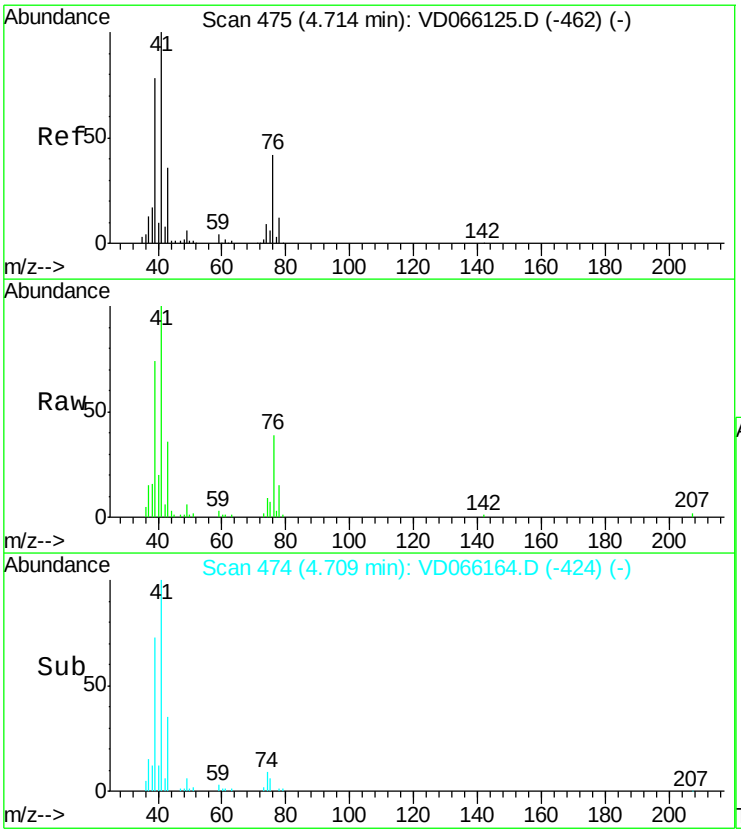

#17
Carbon Disulfide
Concen: 17.821 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0810SBS01

Tgt Ion: 76 Resp: 162030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.0 | 7.5 | 11.3 |

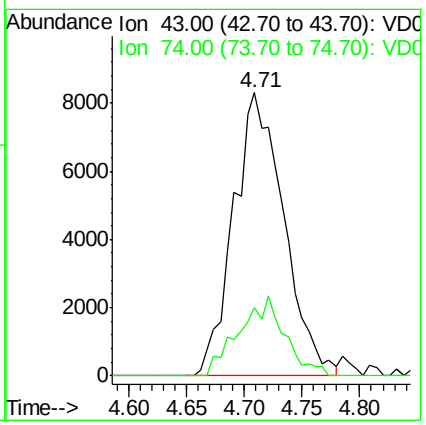


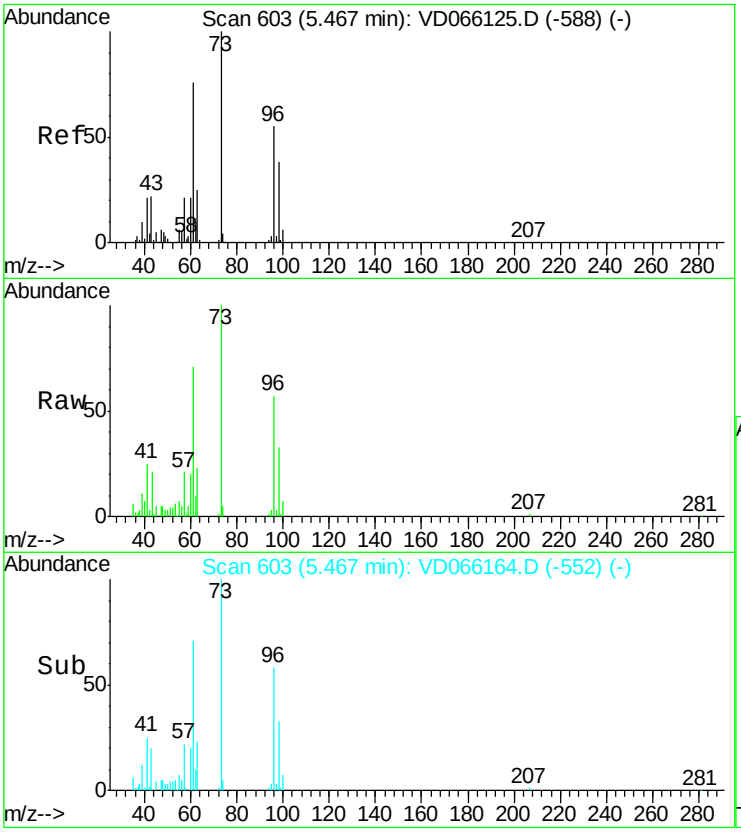




#18
Methyl Acetate
Concen: 18.144 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 43 Resp: 25190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.7 | 21.2 | 31.8 |



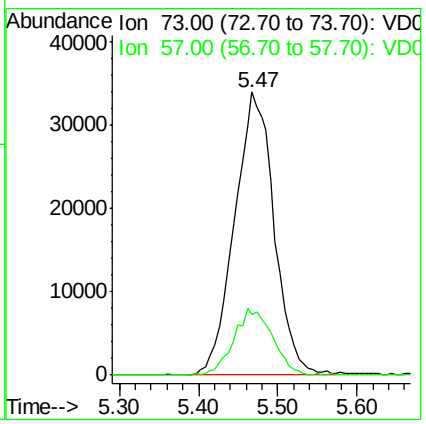


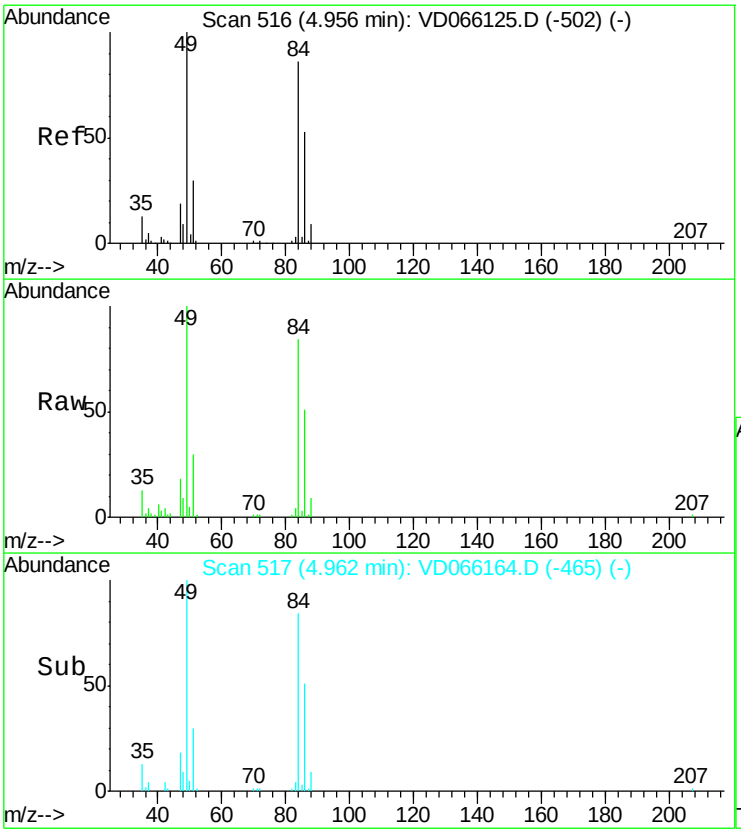

#19
Methyl tert-butyl Ether
Concen: 17.920 ug/l
RT: 5.47 min Scan# 603
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 73 Resp: 117449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.5 | 17.1 | 25.7 |

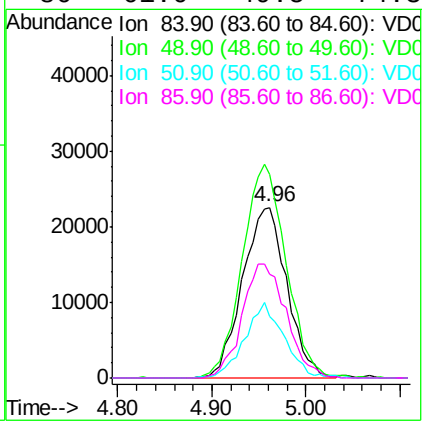


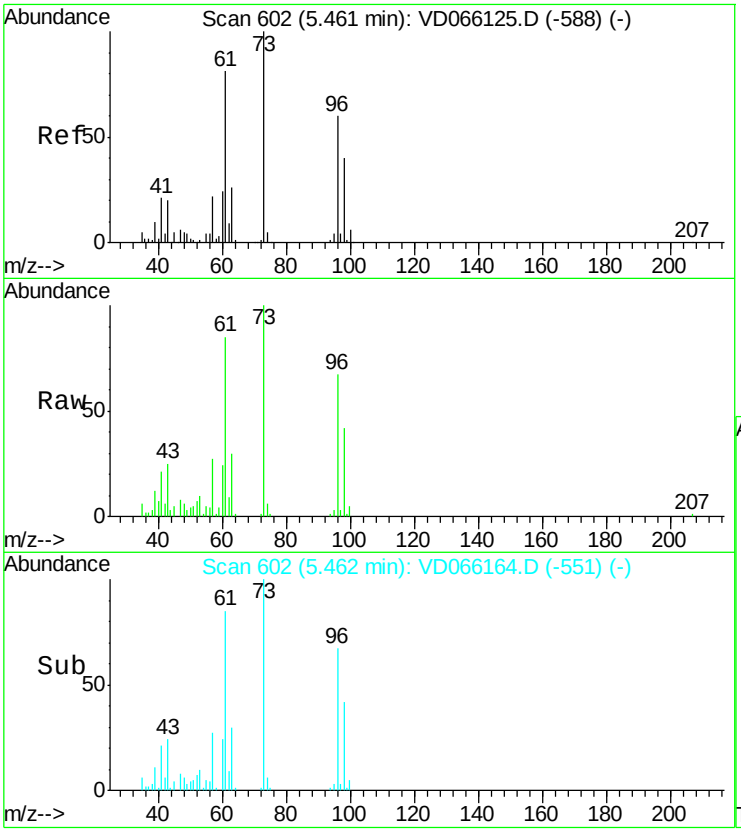




#20
Methylene Chloride
Concen: 20.745 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 84 Resp: 73686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 119.3 | 93.5 | 140.3 |
| 51 | 36.1 | 28.2 | 42.4 |
| 86 | 61.0 | 49.5 | 74.3 |



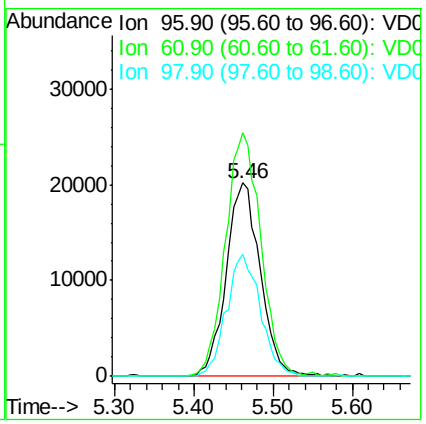


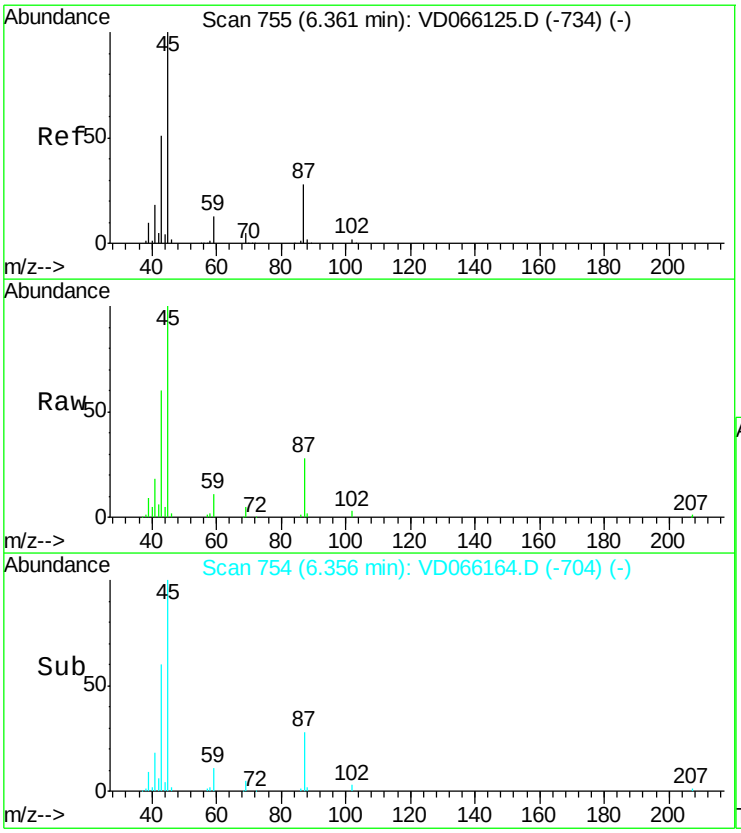

#21
trans-1,2-Dichloroethene
Concen: 18.298 ug/l
RT: 5.46 min Scan# 602
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 96 Resp: 60109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 125.9 | 106.9 | 160.3 |
| 98 | 62.8 | 53.4 | 80.0 |

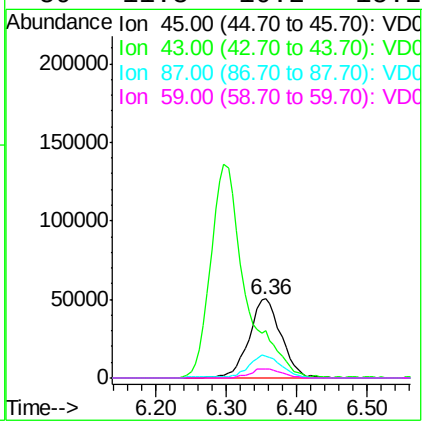


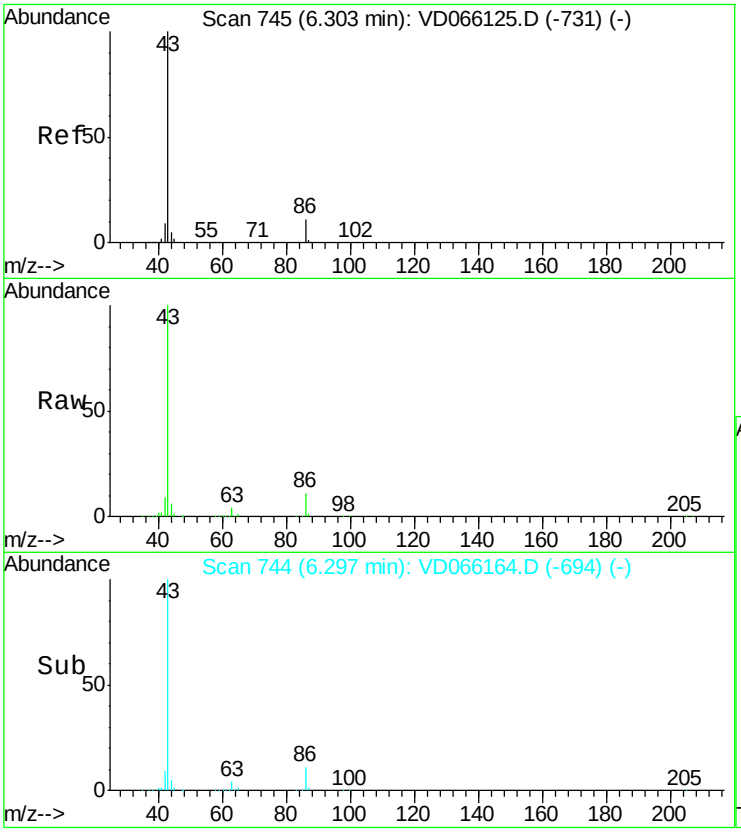




#22
Diisopropyl ether
Concen: 18.678 ug/l
RT: 6.36 min Scan# 754
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 45 Resp: 160010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 58.7 | 41.2 | 61.8 |
| 87 | 27.6 | 22.8 | 34.2 |
| 59 | 11.3 | 10.2 | 15.2 |



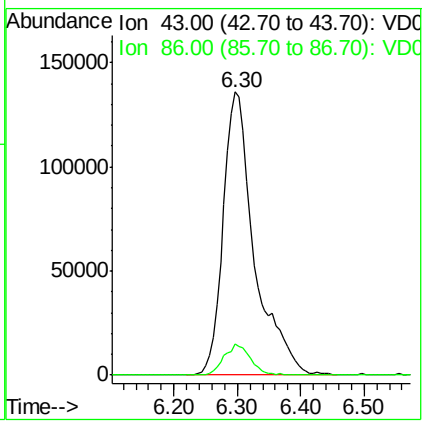


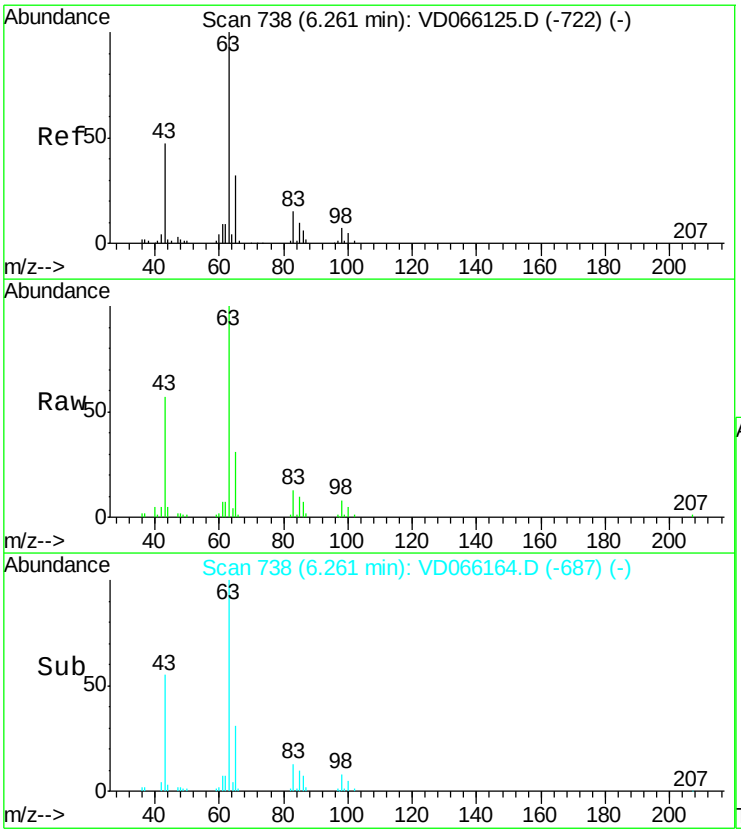

#23
Vinyl Acetate
Concen: 92.722 ug/l
RT: 6.30 min Scan# 744
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 43 Resp: 465349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.1 | 9.1 | 13.7 |

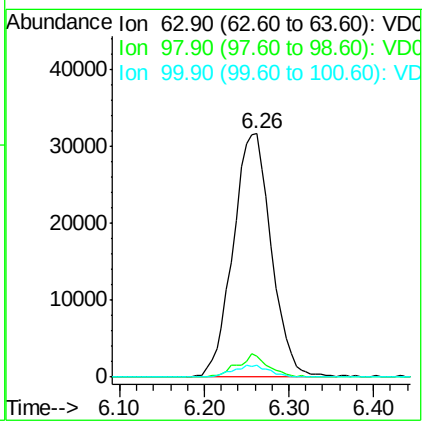


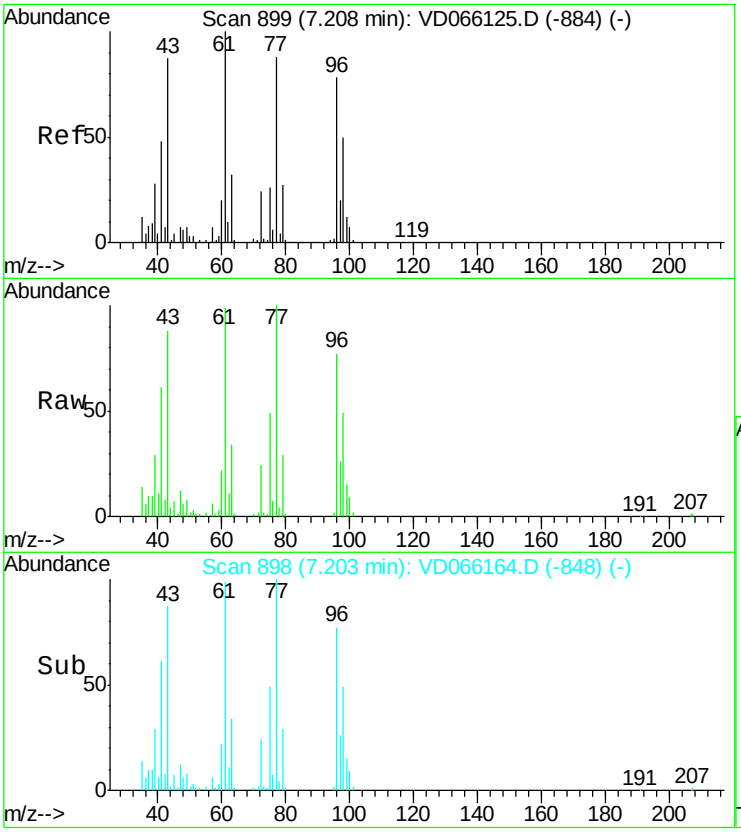




#24
1,1-Dichloroethane
Concen: 18.701 ug/l
RT: 6.26 min Scan# 738
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 63 Resp: 99145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 8.4 | 3.5 | 10.5 |
| 100 | 5.2 | 2.4 | 7.2 |



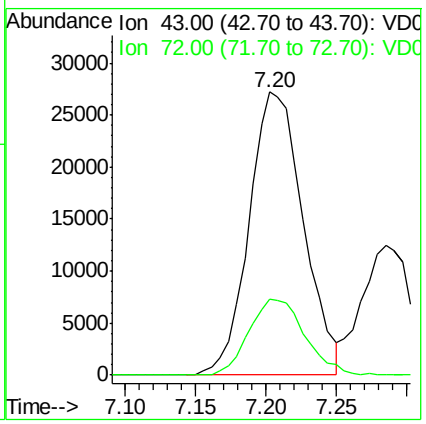


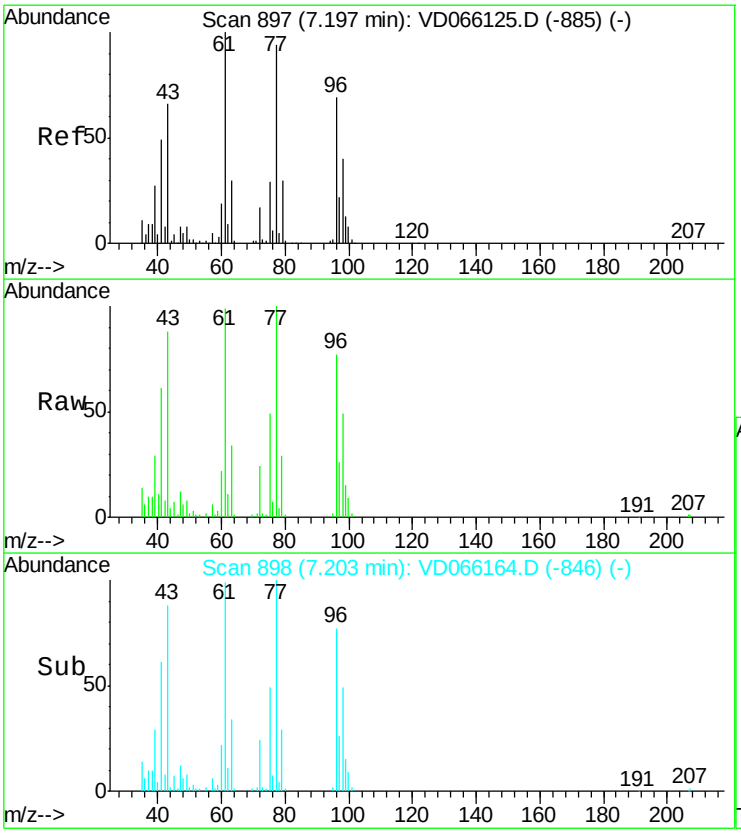

#25
2-Butanone
Concen: 90.762 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0810SBS01

Tgt Ion: 43 Resp: 72965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.8 | 22.2 | 33.2 |

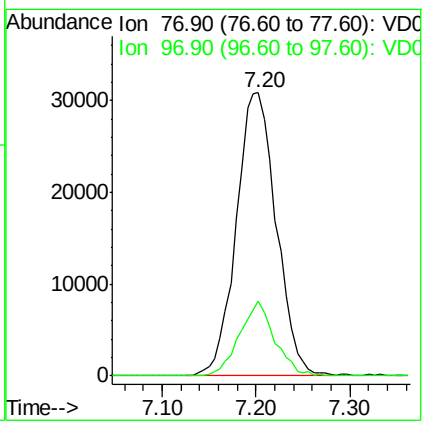


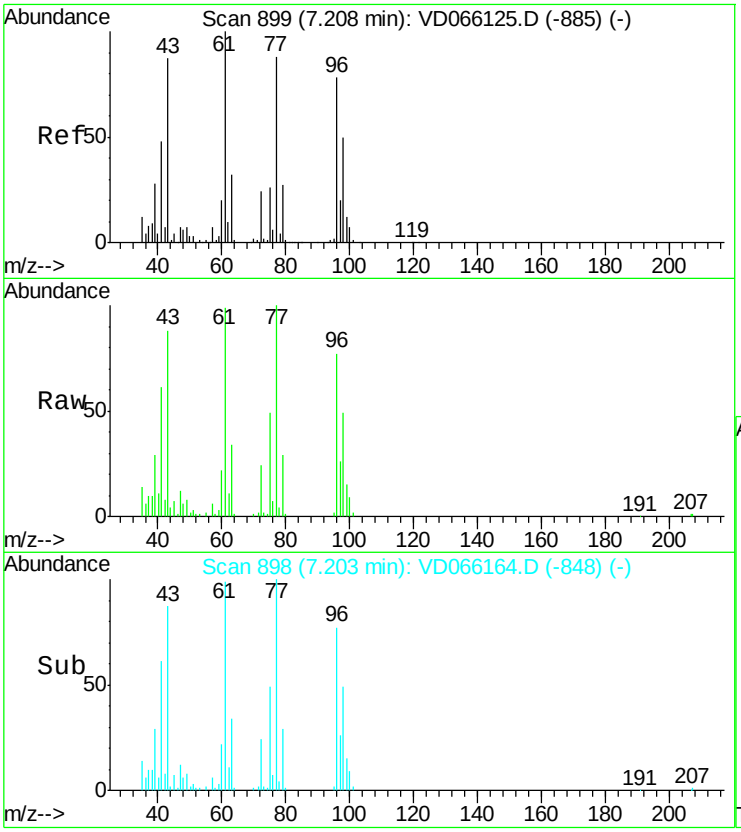




#26
2,2-Dichloropropane
Concen: 19.122 ug/l
RT: 7.20 min Scan# 898
Delta R.T. 0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 77 Resp: 90864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.1 | 11.8 | 35.3 |



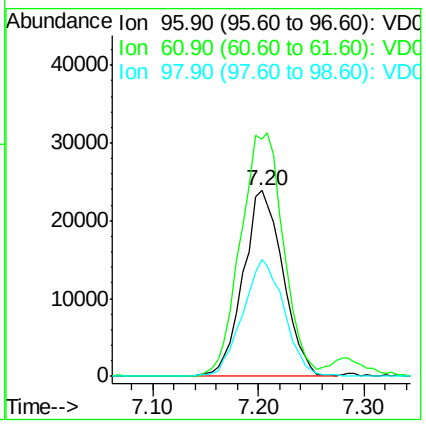


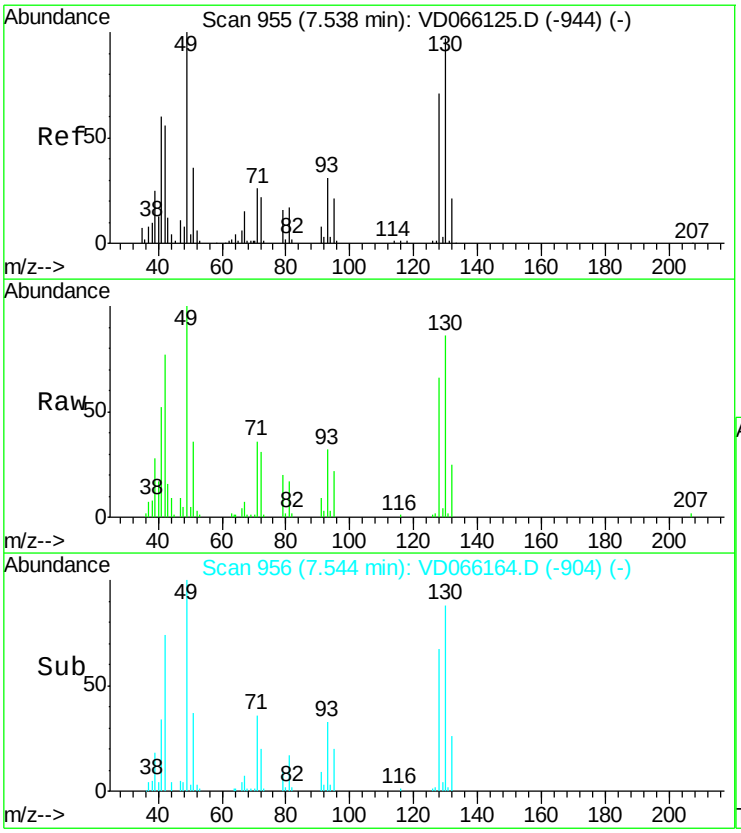

#27
cis-1,2-Dichloroethene
Concen: 18.182 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 96 Resp: 62646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 140.8 | 0.0 | 281.6 |
| 98 | 65.1 | 0.0 | 130.8 |

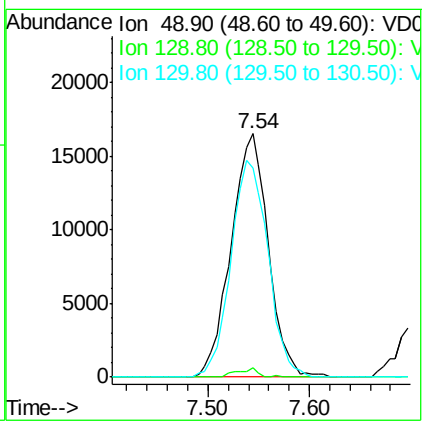


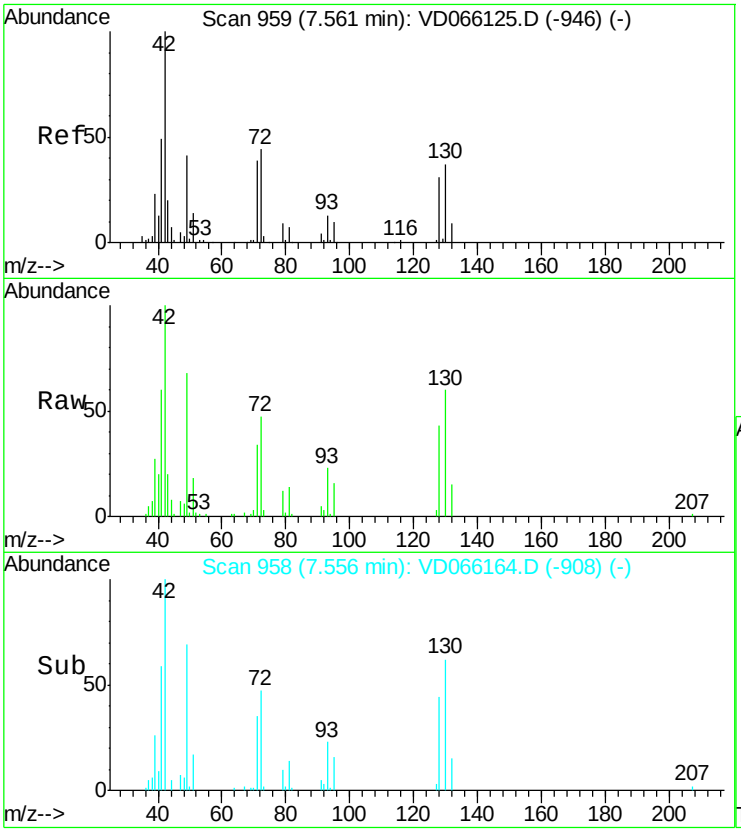




#28
Bromochloromethane
Concen: 22.602 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 49 Resp: 42087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.9 | 0.0 | 6.0 |
| 130 | 88.7 | 73.8 | 110.6 |



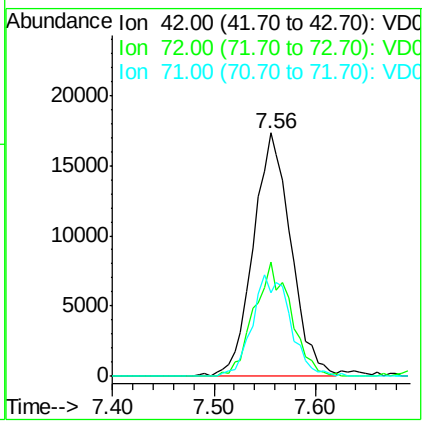


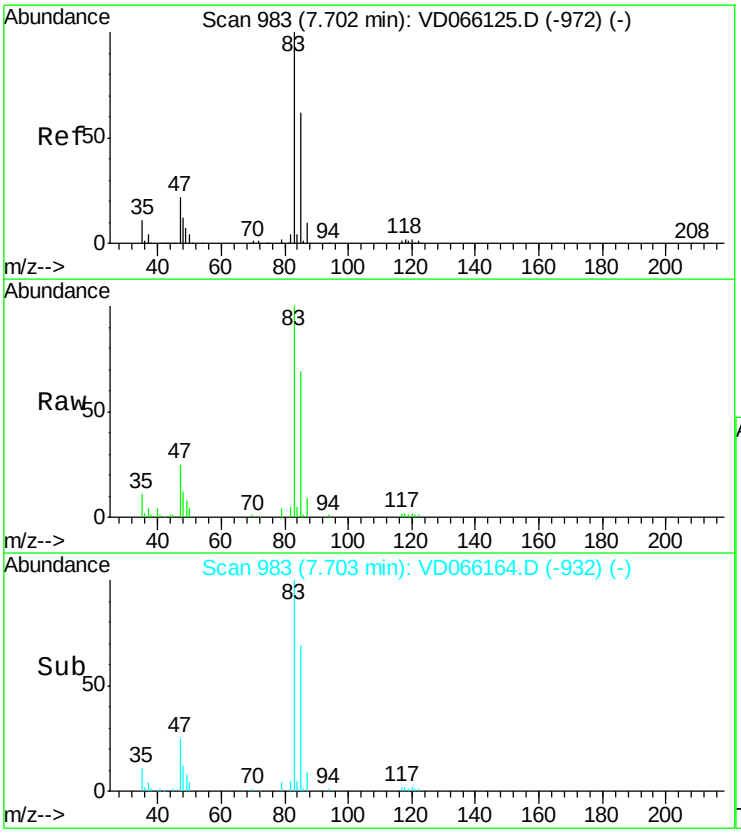

#29
Tetrahydrofuran
Concen: 89.946 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 42 Resp: 44800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 46.0 | 34.8 | 52.2 |
| 71 | 41.6 | 33.5 | 50.3 |

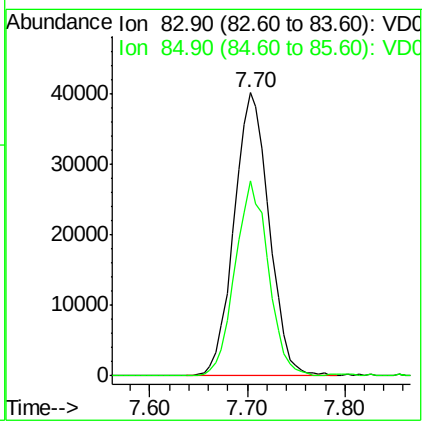


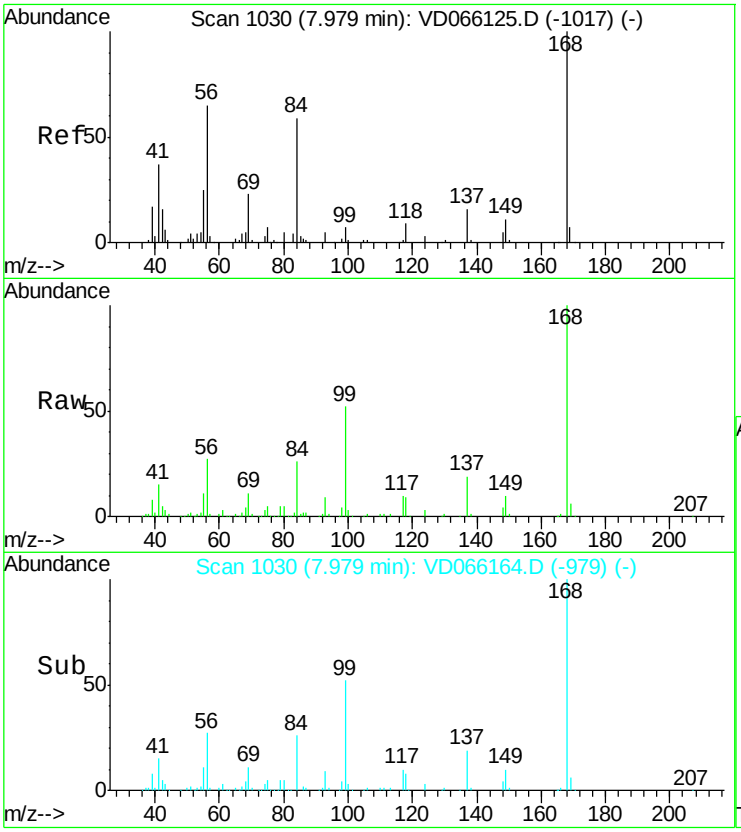




#30
Chloroform
Concen: 18.097 ug/l
RT: 7.70 min Scan# 983
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 83 Resp: 100742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 68.8 | 49.5 | 74.3 |



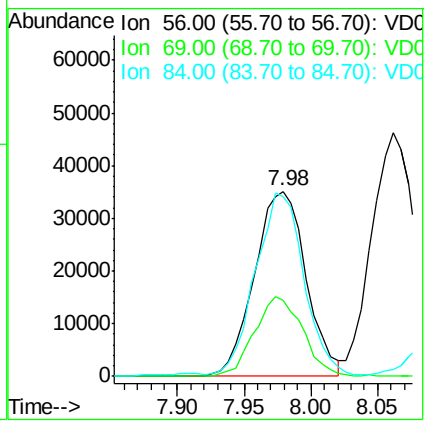


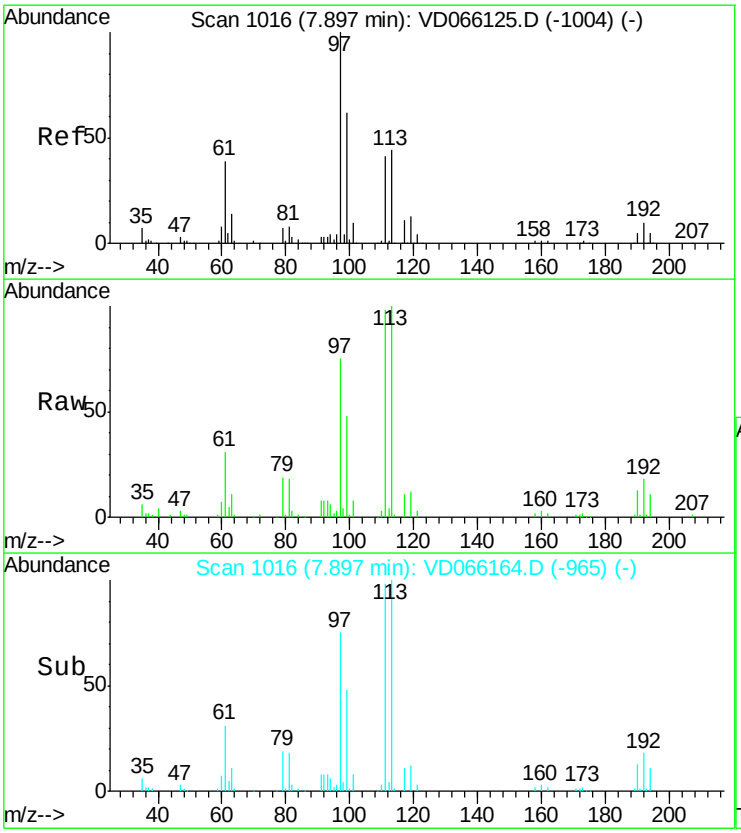

#31
Cyclohexane
Concen: 18.657 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 56 Resp: 94156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 41.1 | 28.8 | 43.2 |
| 84 | 94.8 | 73.0 | 109.6 |

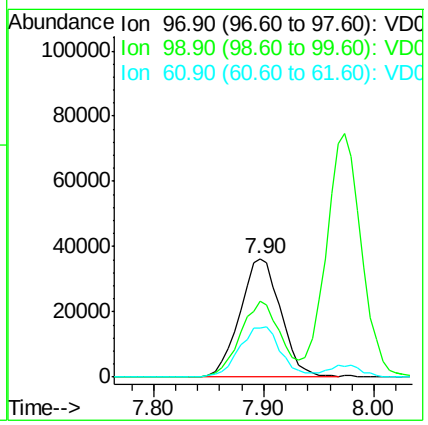


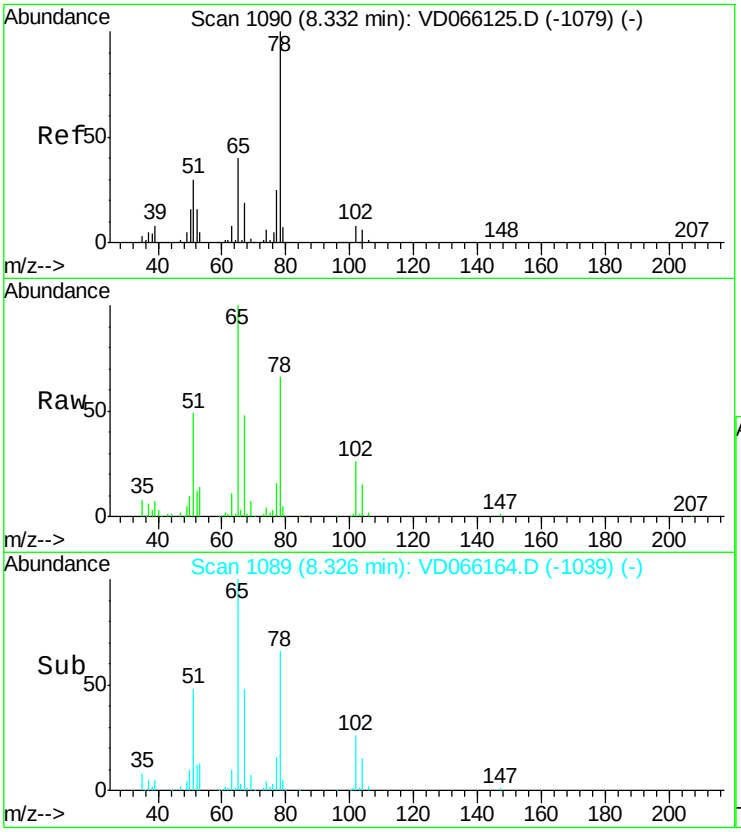




#32
1,1,1-Trichloroethane
Concen: 18.098 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 97 Resp: 94466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.6 | 51.1 | 76.7 |
| 61 | 42.7 | 32.7 | 49.1 |



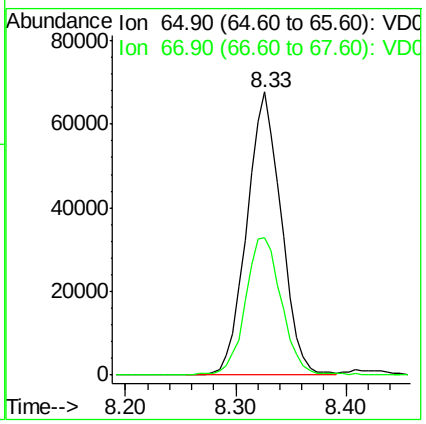


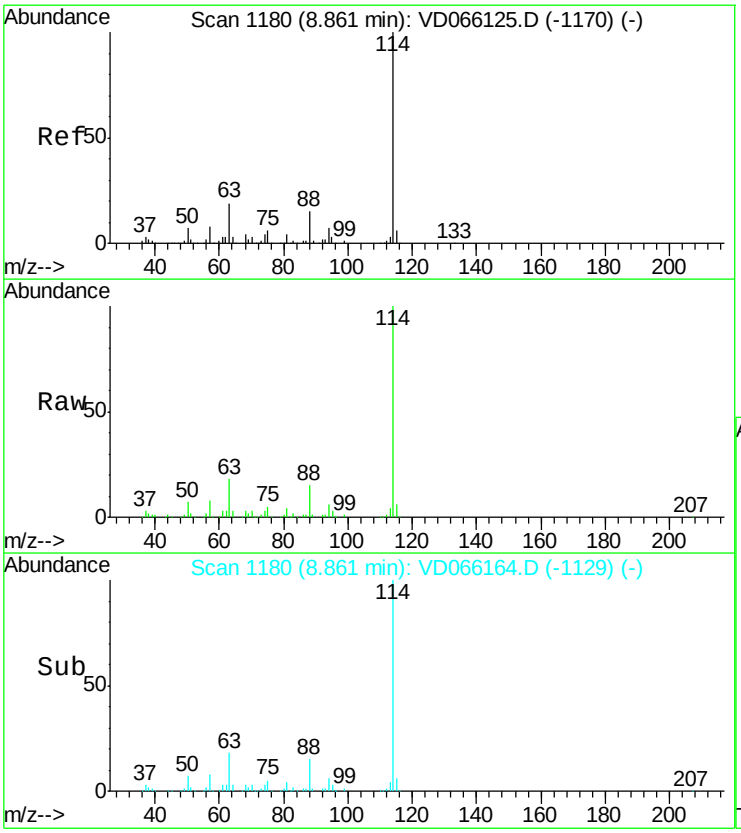

#33
1,2-Dichloroethane-d4
Concen: 51.483 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 65 Resp: 148304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.9 | 0.0 | 104.6 |

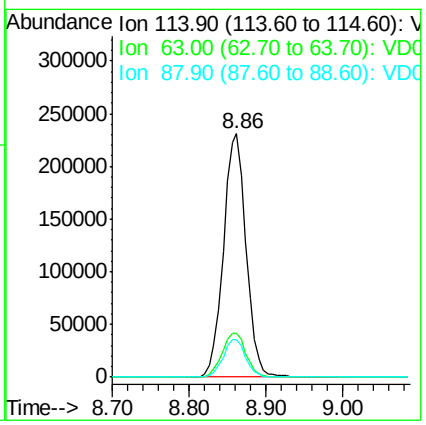


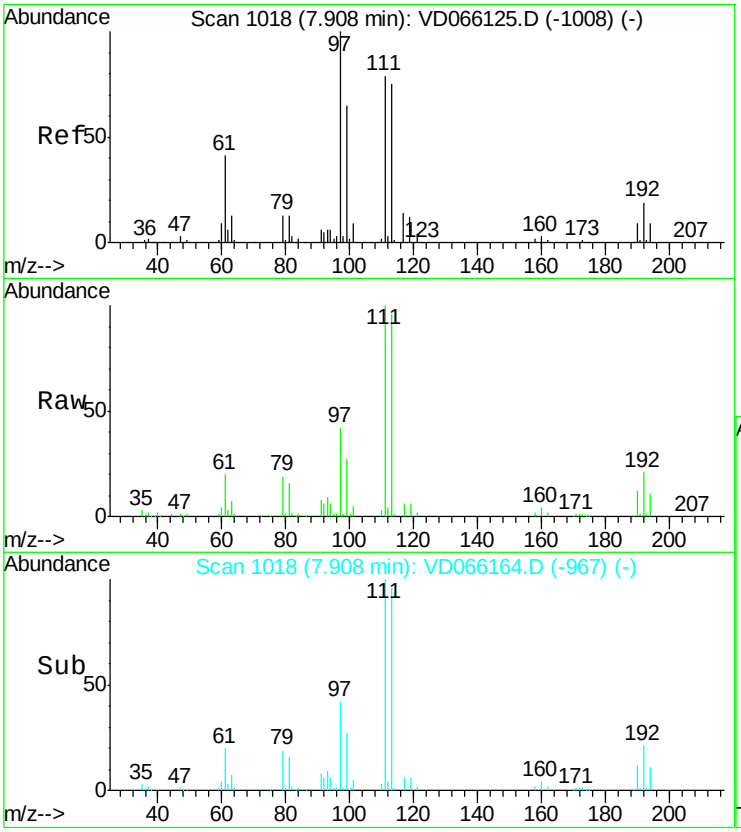




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion:114 Resp: 471900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.1 | 0.0 | 38.6 |
| 88 | 15.4 | 0.0 | 30.0 |



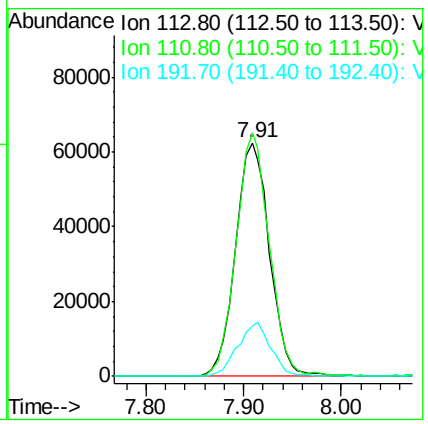


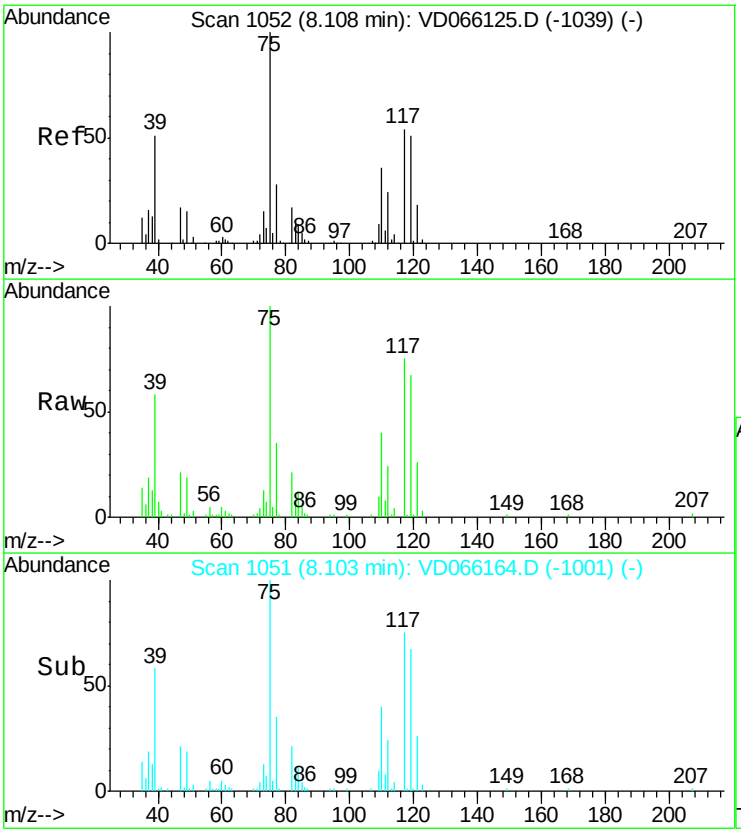

#35
Dibromofluoromethane
Concen: 50.587 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion:113 Resp: 151227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.2 | 80.7 | 121.1 |
| 192 | 22.3 | 18.4 | 27.6 |

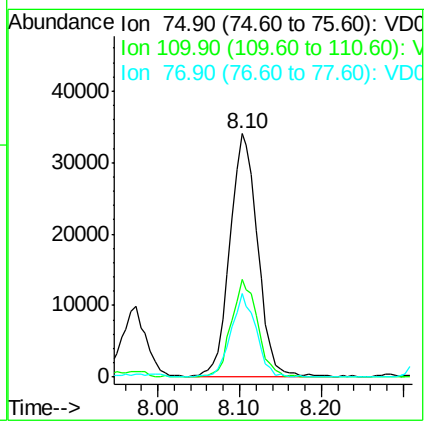


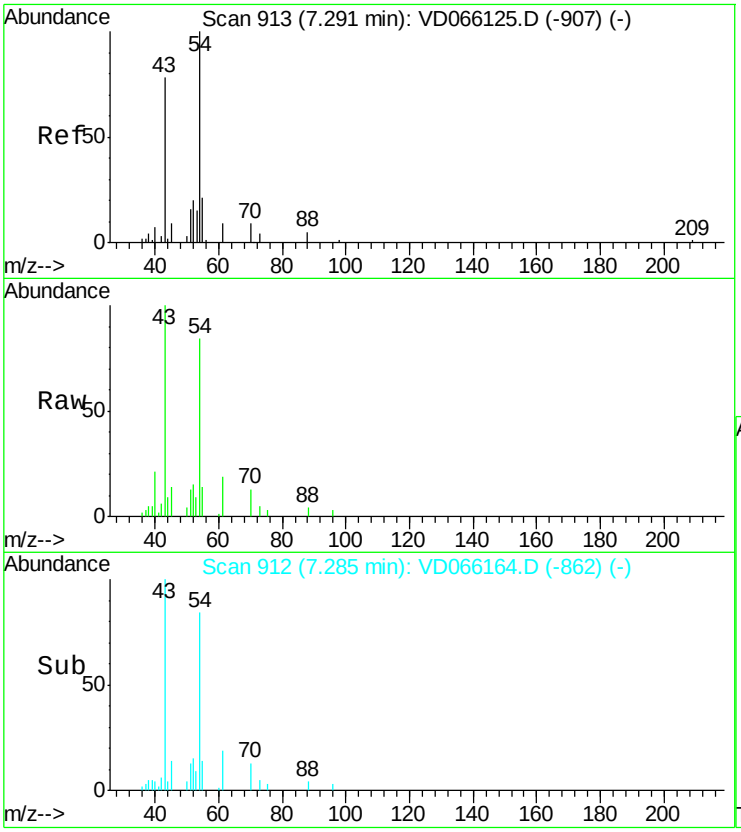




#36
1,1-Dichloropropene
Concen: 18.224 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 75 Resp: 80814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 37.5 | 18.8 | 56.3 |
| 77 | 30.9 | 24.2 | 36.2 |



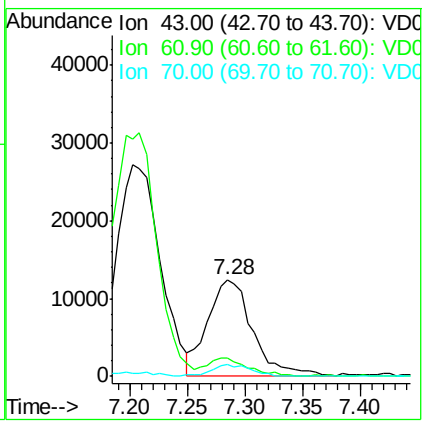


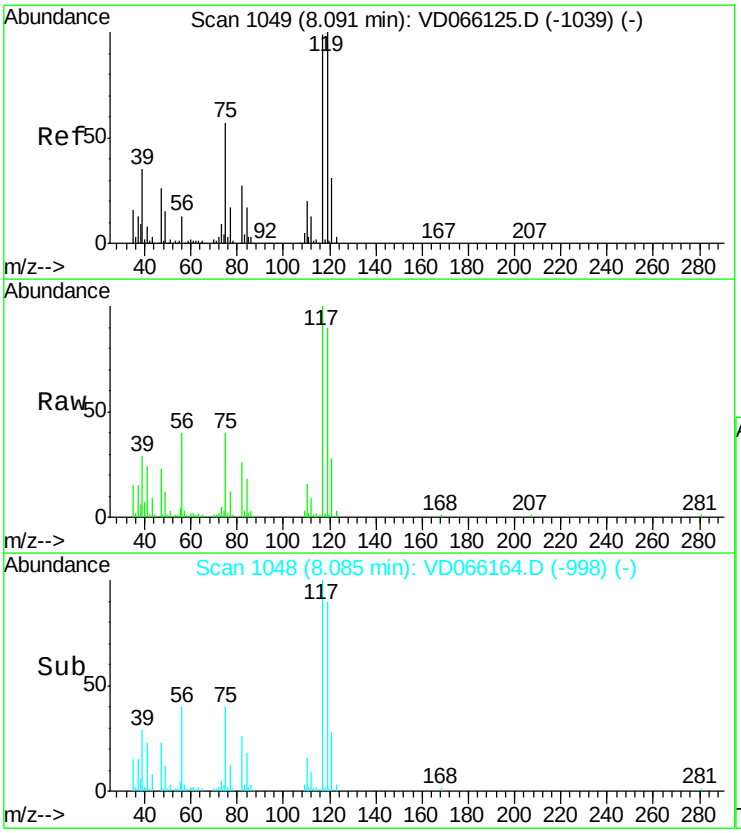

#37
Ethyl Acetate
Concen: 19.177 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 43 Resp: 33694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 16.1 | 12.0 | 18.0 |
| 70 | 10.6 | 9.7 | 14.5 |

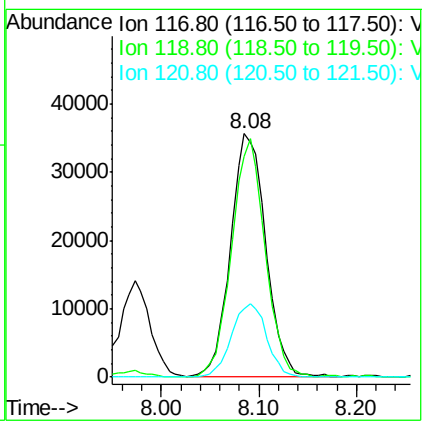


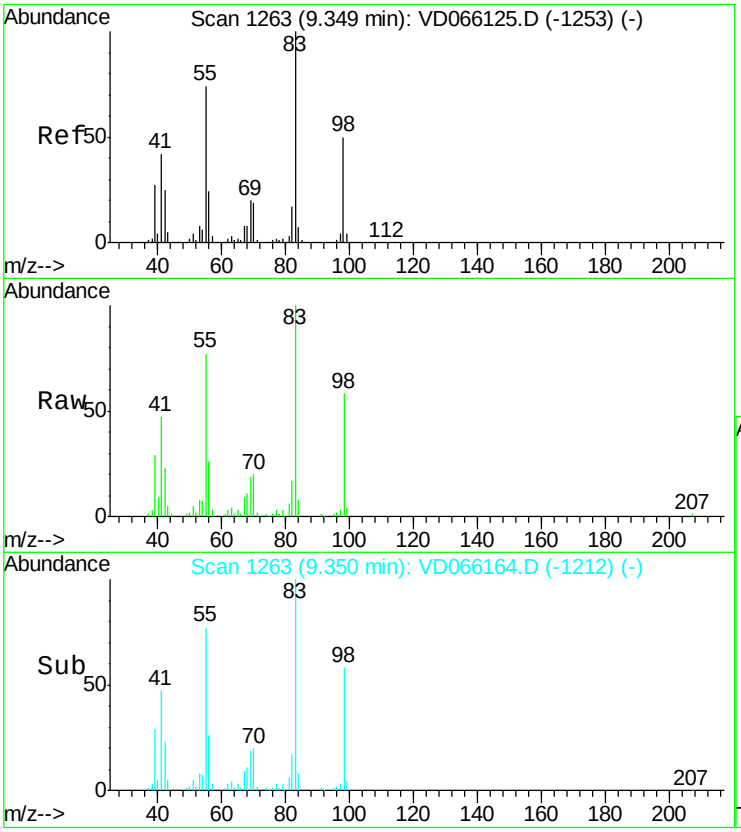




#38
Carbon Tetrachloride
Concen: 18.177 ug/l
RT: 8.08 min Scan# 1048
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion:117 Resp: 89887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 90.4 | 81.0 | 121.4 |
| 121 | 27.8 | 24.8 | 37.2 |



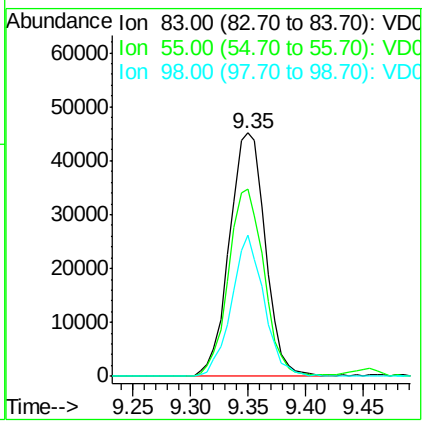


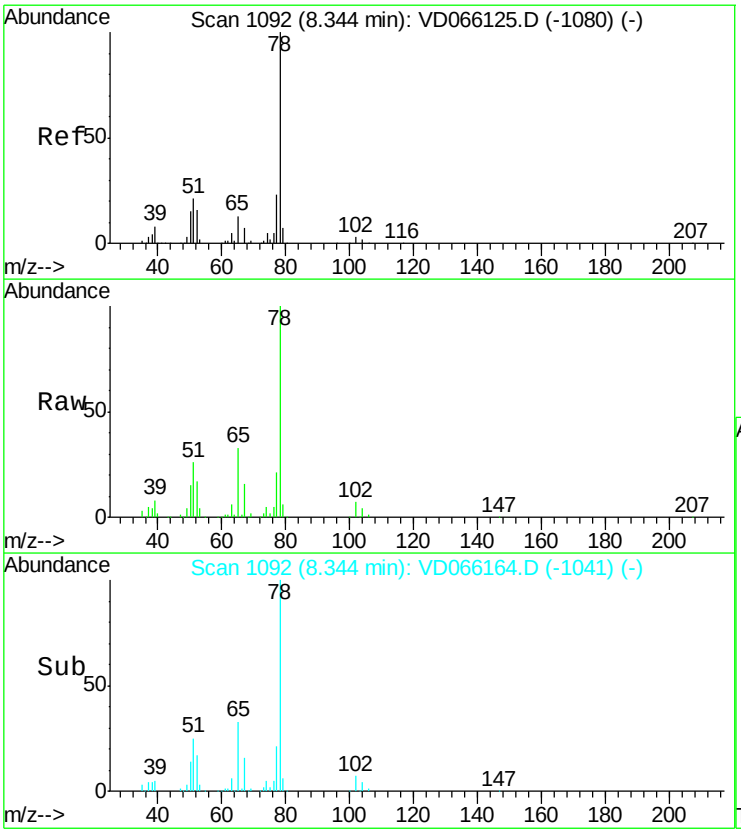

#39
Methylcyclohexane
Concen: 18.148 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 83 Resp: 97284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 76.8 | 59.2 | 88.8 |
| 98 | 57.8 | 39.8 | 59.6 |

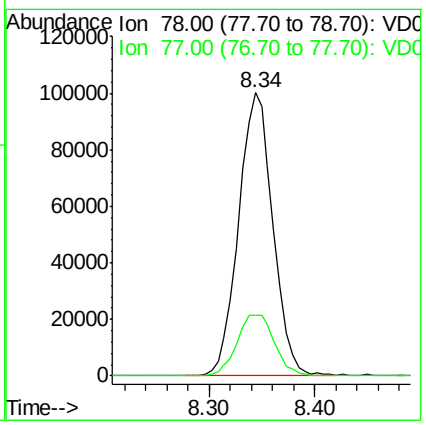


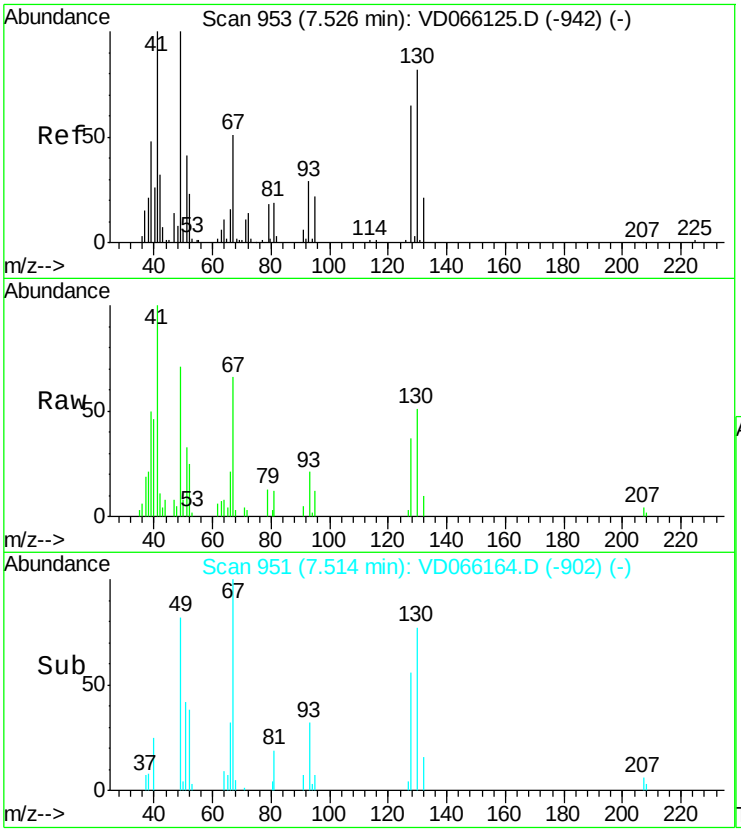




#40
Benzene
Concen: 18.325 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 78 Resp: 225424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 21.3 | 18.6 | 27.8 |



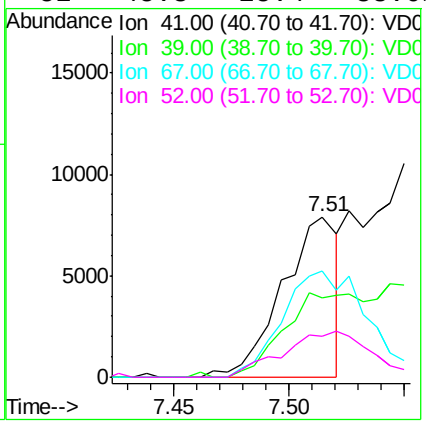


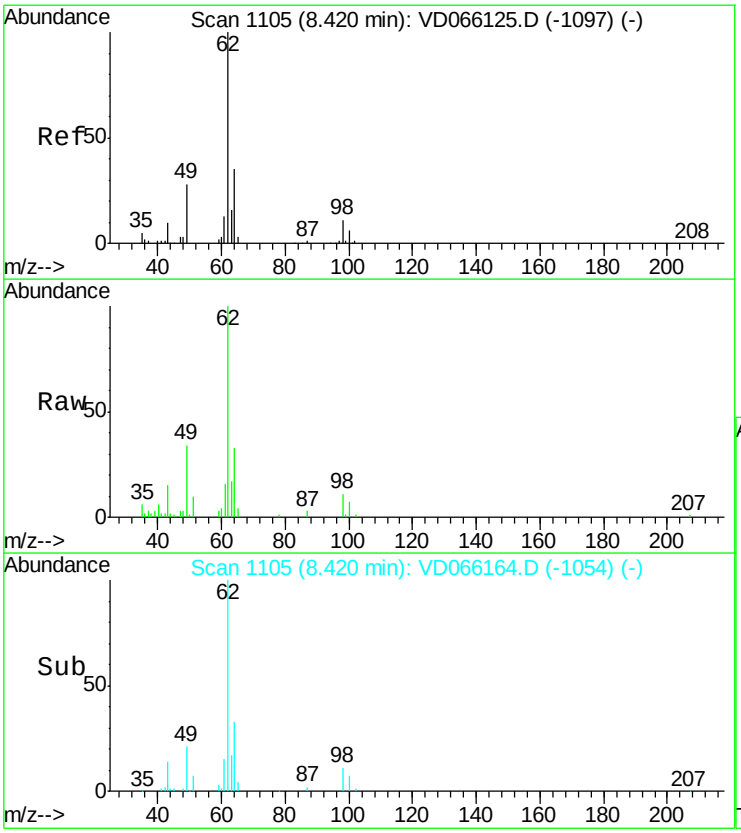

#41
Methacrylonitrile
Concen: 12.861 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 41 Resp: 13286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 73.1 | 47.5 | 71.3# |
| 67 | 101.3 | 59.1 | 88.7# |
| 52 | 45.3 | 25.4 | 38.0# |

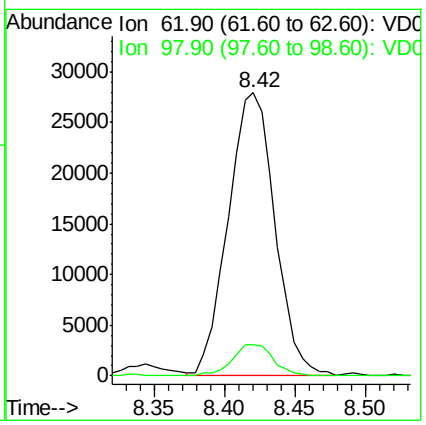


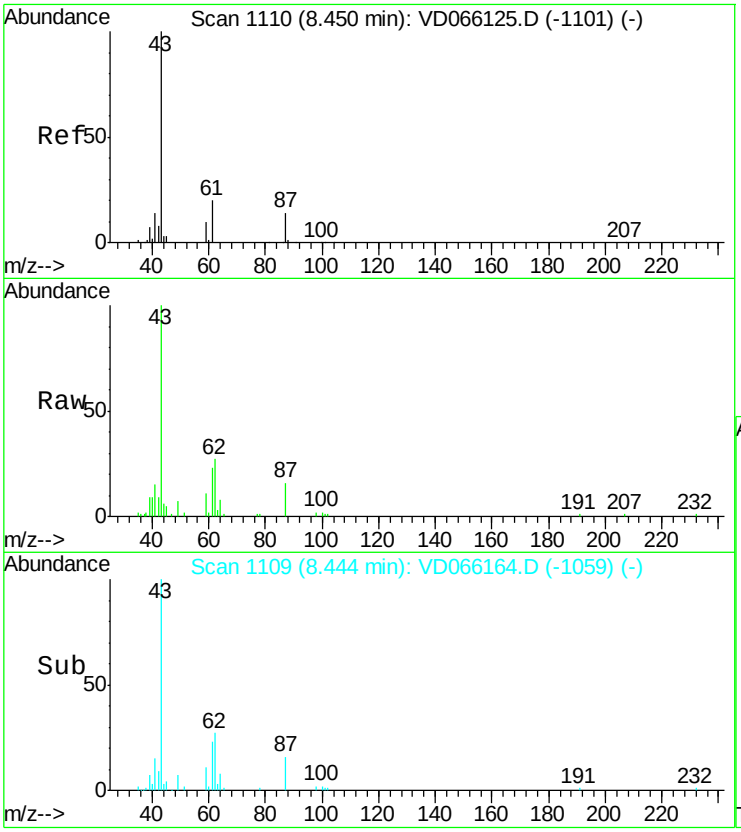




#42
1,2-Dichloroethane
Concen: 17.883 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 62 Resp: 64626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.8 | 0.0 | 20.4 |



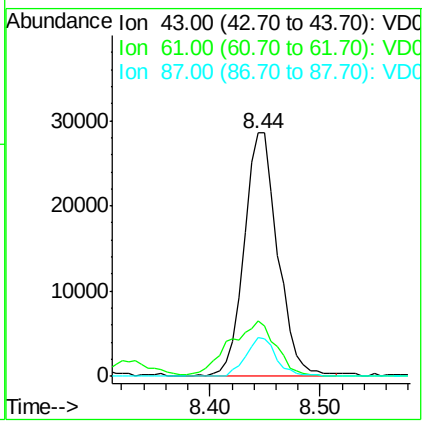


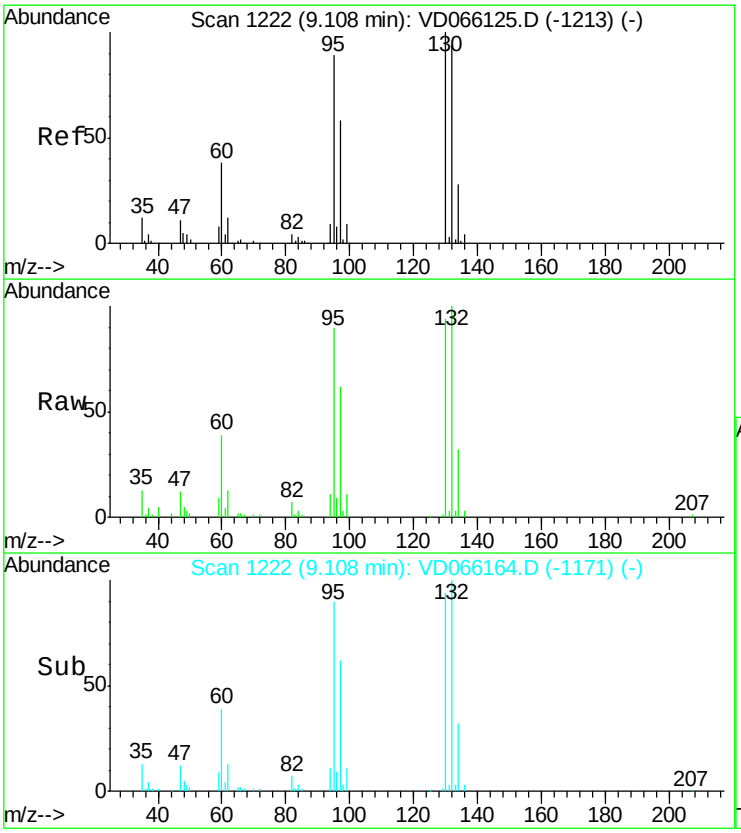

#43
Isopropyl Acetate
Concen: 17.674 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 43 Resp: 61182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 31.5 | 25.5 | 38.3 |
| 87 | 14.5 | 11.2 | 16.8 |

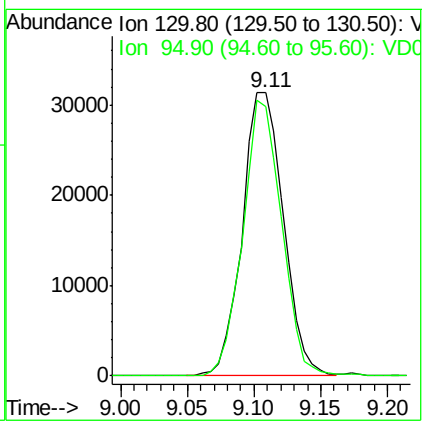


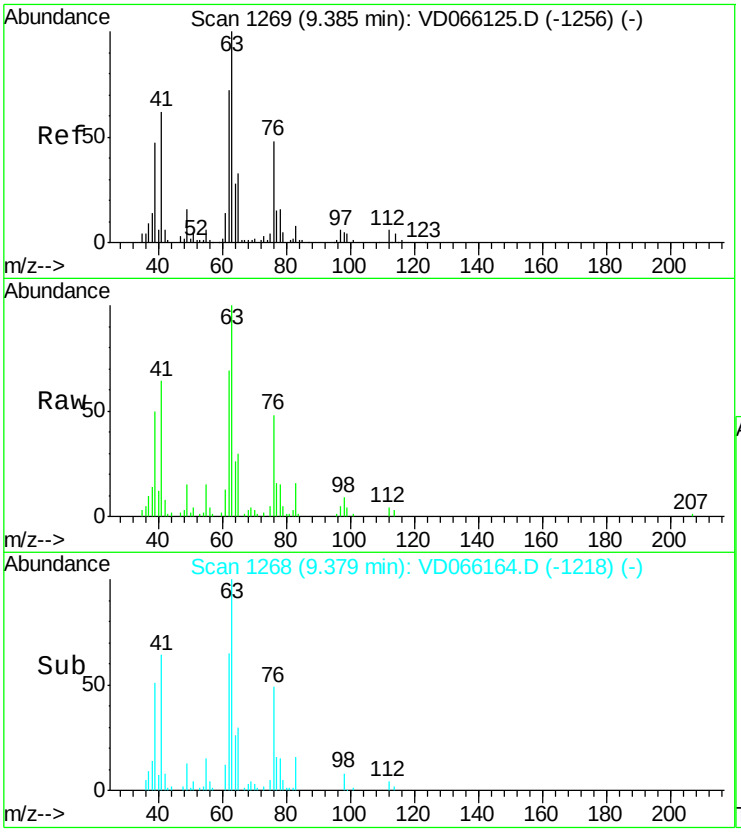




#44
Trichloroethene
Concen: 18.000 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion:130 Resp: 66722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 95.0 | 0.0 | 178.4 |



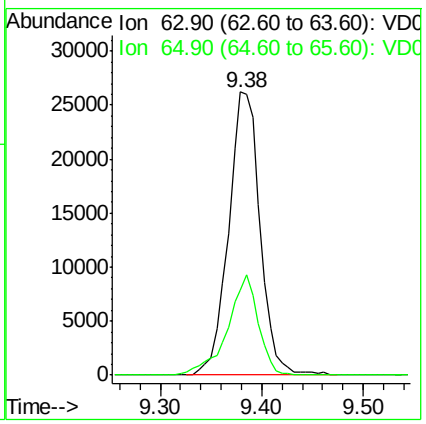


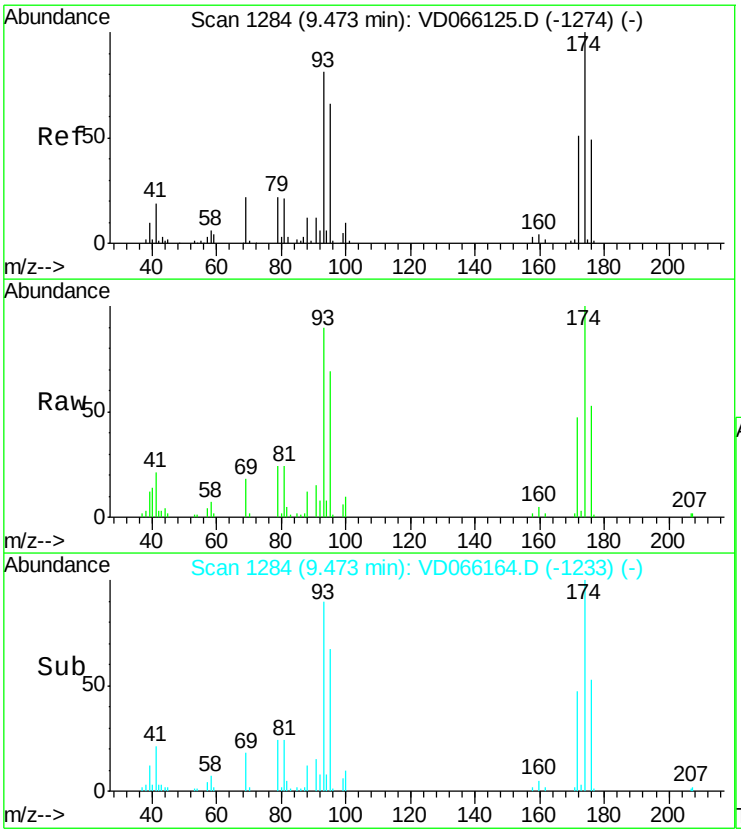

#45
1,2-Dichloropropane
Concen: 18.758 ug/l
RT: 9.38 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 63 Resp: 56435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.9 | 26.5 | 39.7 |

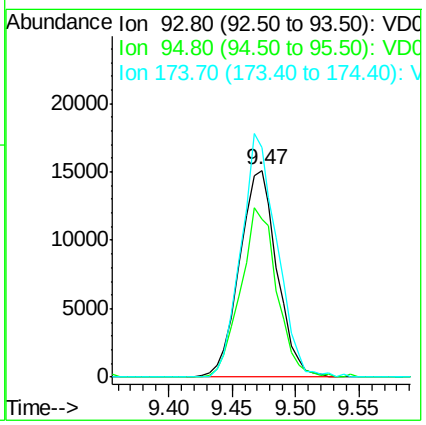


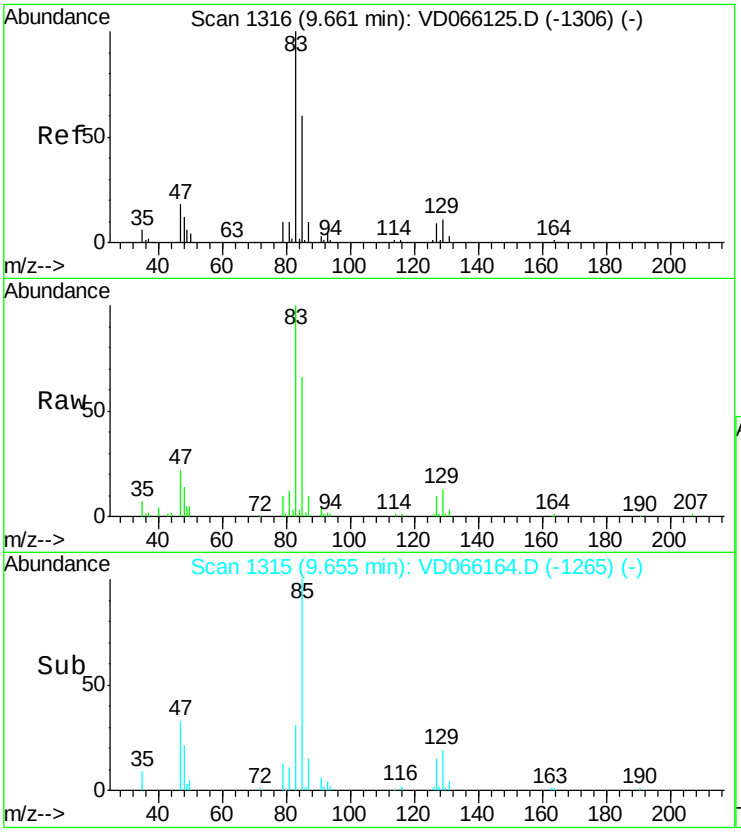




#46
Dibromomethane
Concen: 18.752 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 93 Resp: 31076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 79.1 | 65.8 | 98.6 |
| 174 | 112.5 | 92.8 | 139.2 |



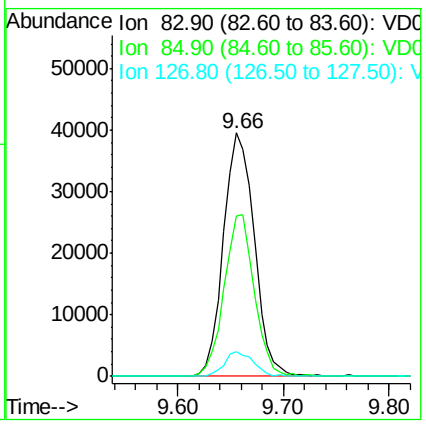


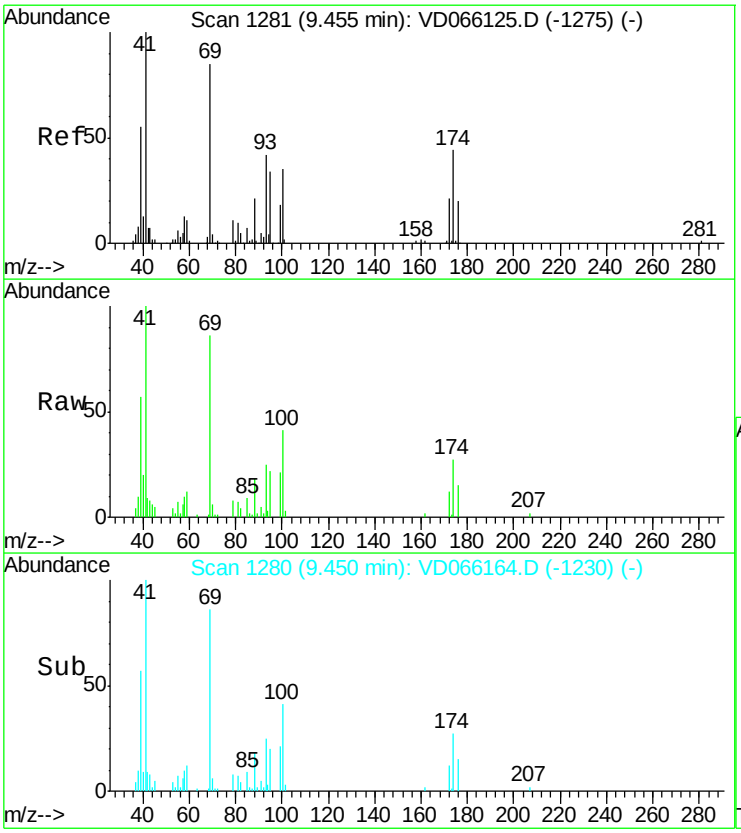

#47
Bromodichloromethane
Concen: 18.222 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 83 Resp: 79813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.0 | 48.2 | 72.4 |
| 127 | 10.2 | 7.3 | 10.9 |

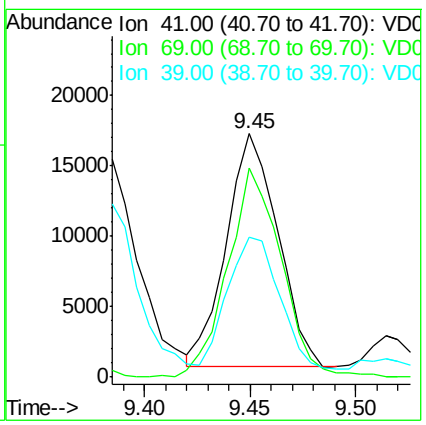


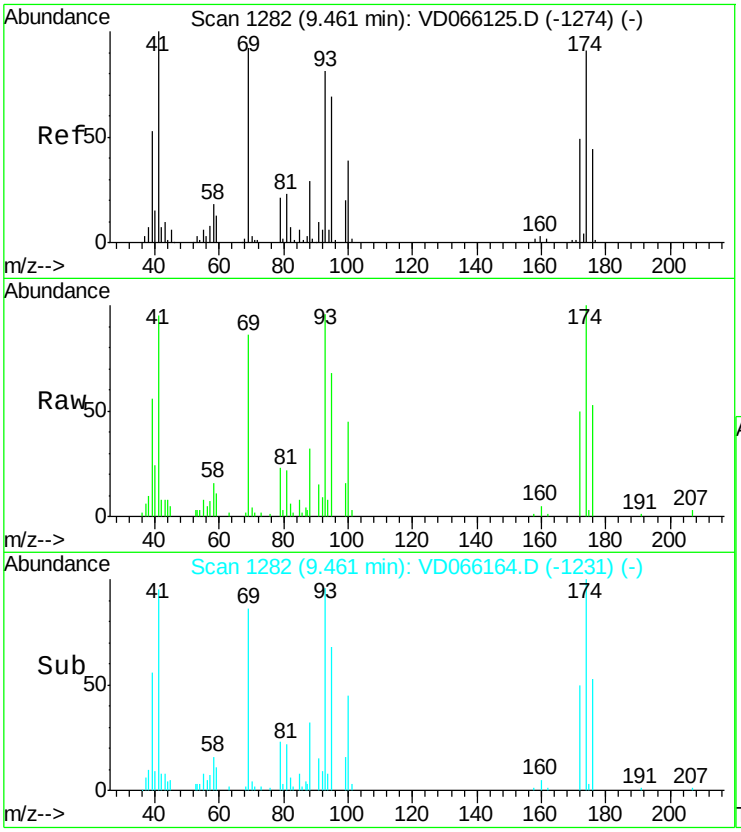




#48
Methyl methacrylate
Concen: 15.723 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 41 Resp: 27793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 94.0 | 63.9 | 95.9 |
| 39 | 58.2 | 42.6 | 64.0 |



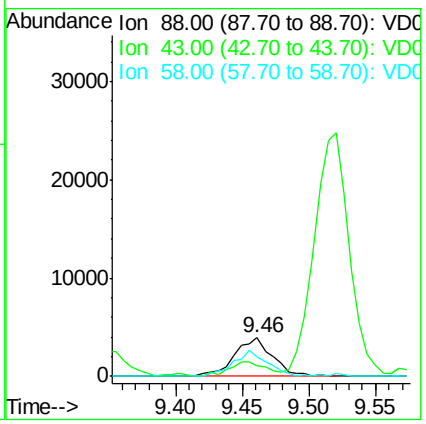


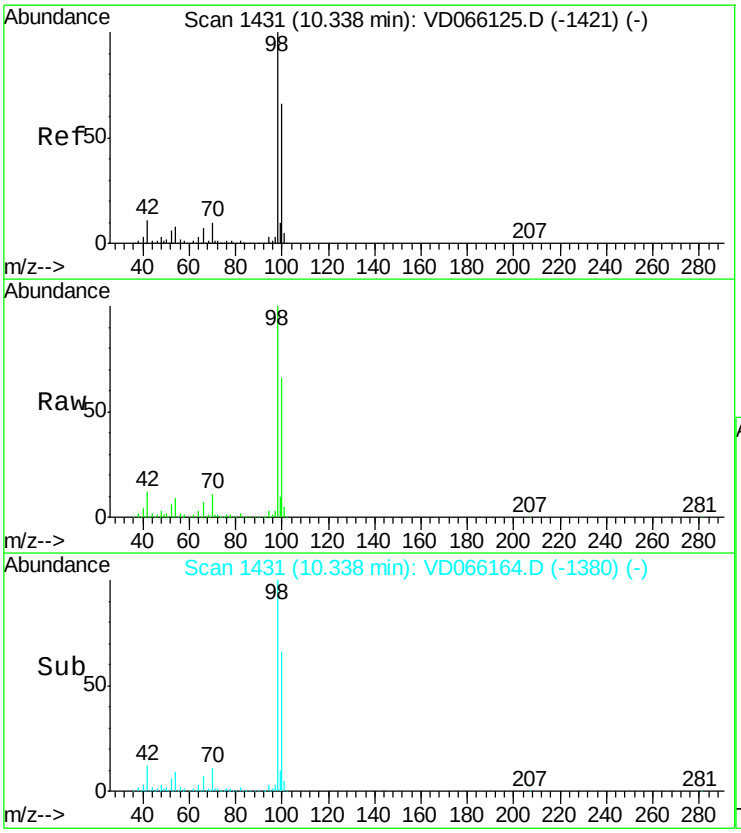

#49
1,4-Dioxane
Concen: 363.391 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0810SBS01

Tgt Ion: 88 Resp: 7737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 37.0 | 27.5 | 41.3 |
| 58 | 60.2 | 50.2 | 75.4 |

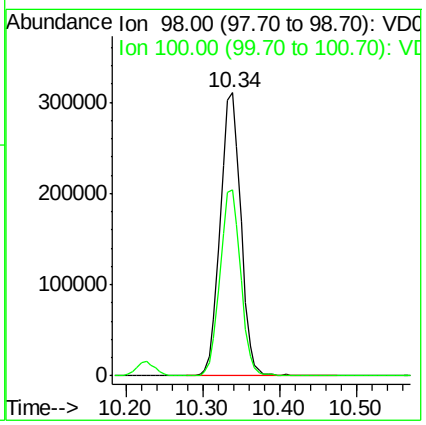


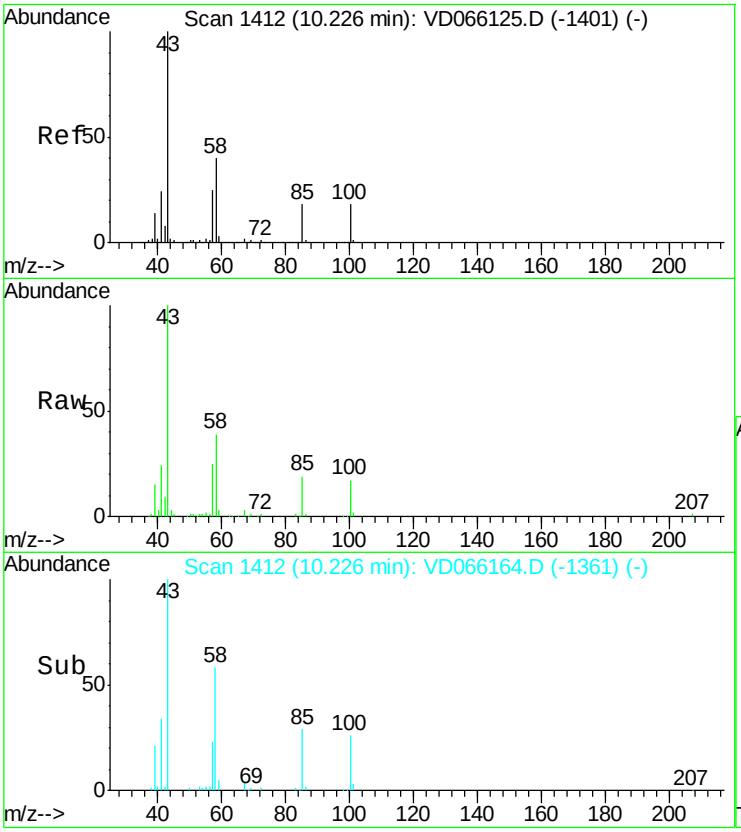




#50
Toluene-d8
Concen: 52.384 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 98 Resp: 577885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.2 | 52.6 | 78.8 |



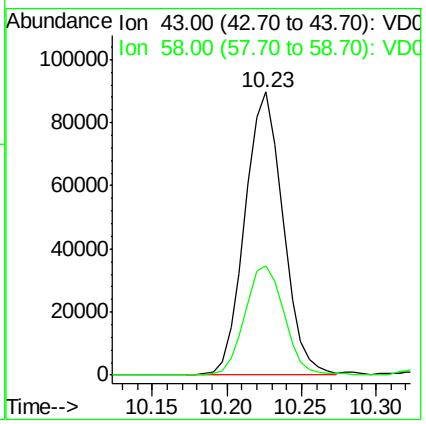


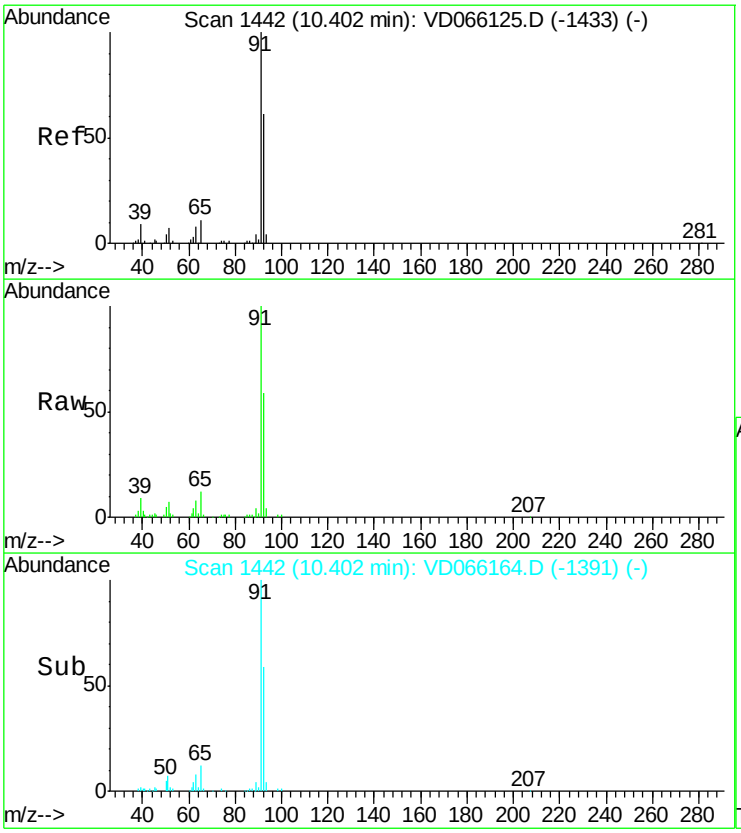

#51
4-Methyl-2-Pentanone
Concen: 89.388 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 43 Resp: 158946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.9 | 31.1 | 46.7 |

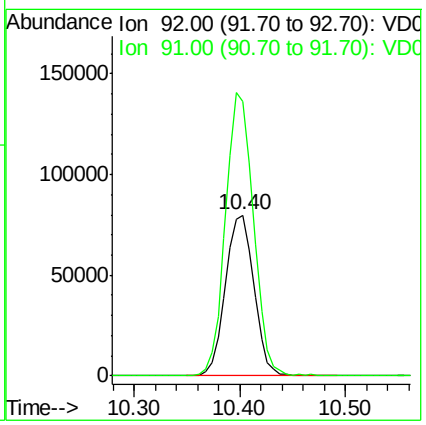


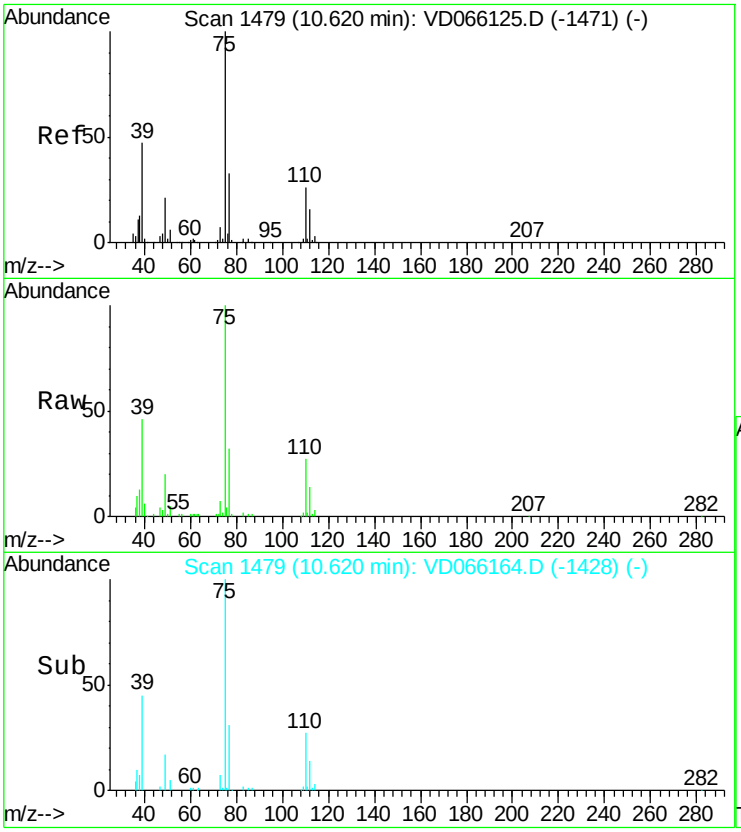




#52
Toluene
Concen: 18.382 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 92 Resp: 148792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.6 | 135.2 | 202.8 |



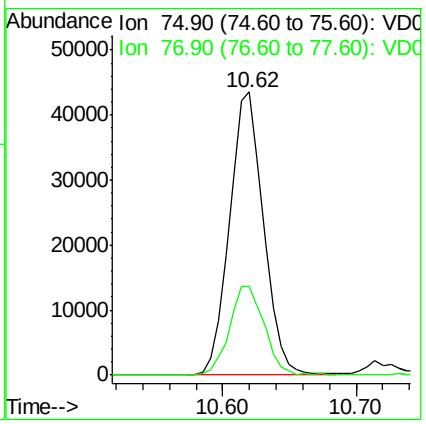


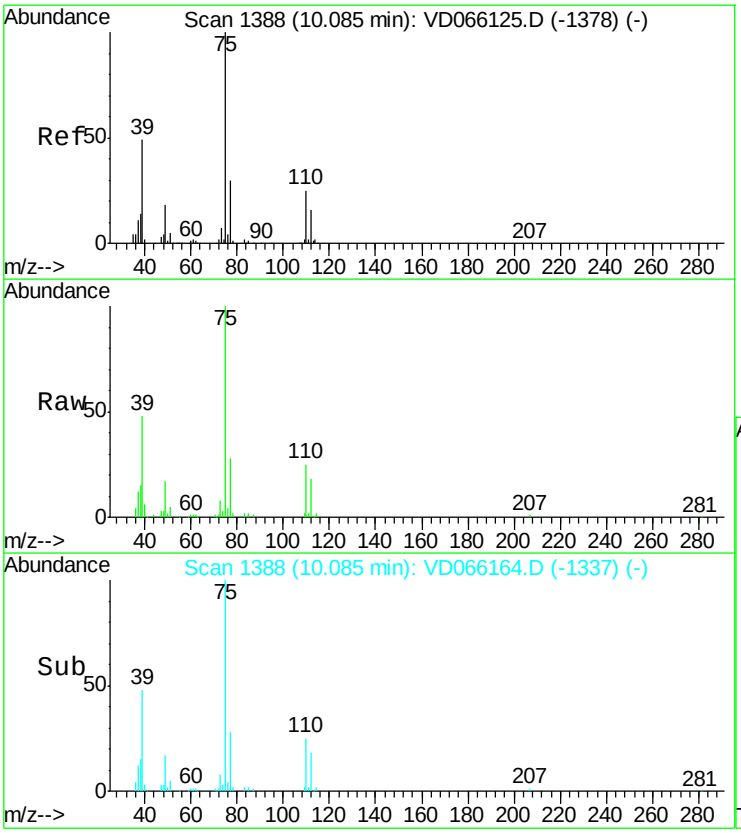

#53
t-1,3-Dichloropropene
Concen: 18.546 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 75 Resp: 77088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.6 | 26.2 | 39.2 |

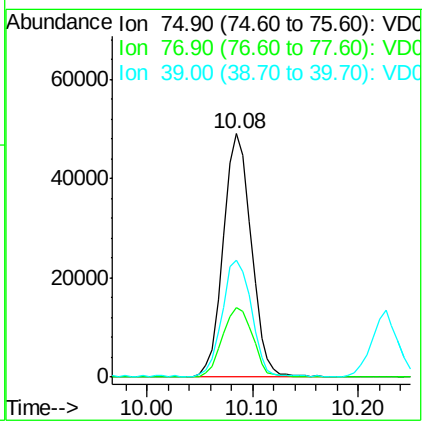


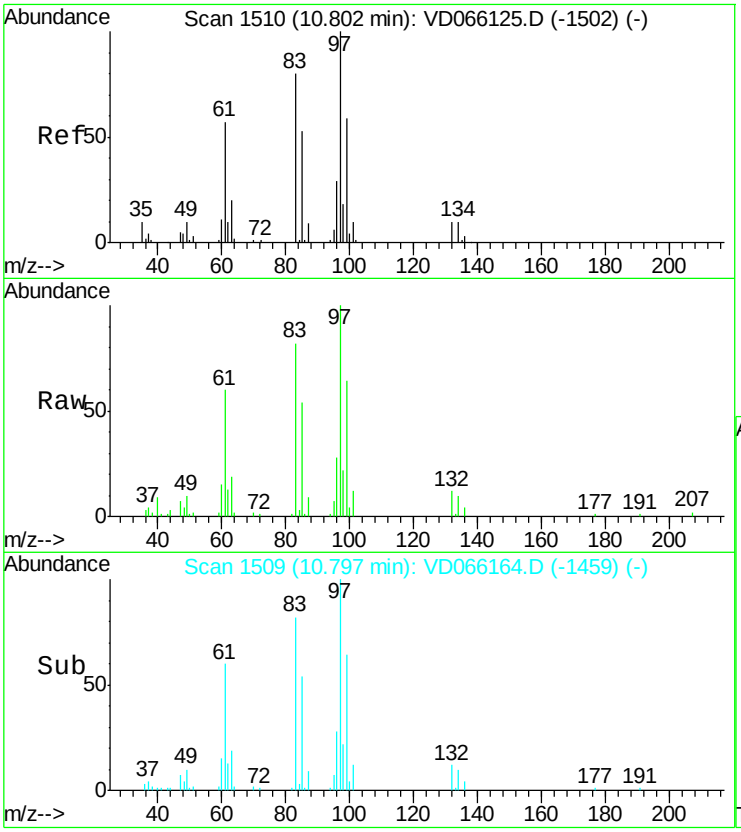




#54
cis-1,3-Dichloropropene
Concen: 18.516 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 75 Resp: 90172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 28.5 | 24.3 | 36.5 |
| 39 | 48.0 | 39.3 | 58.9 |



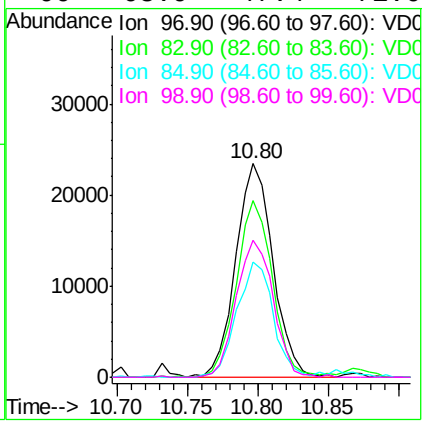


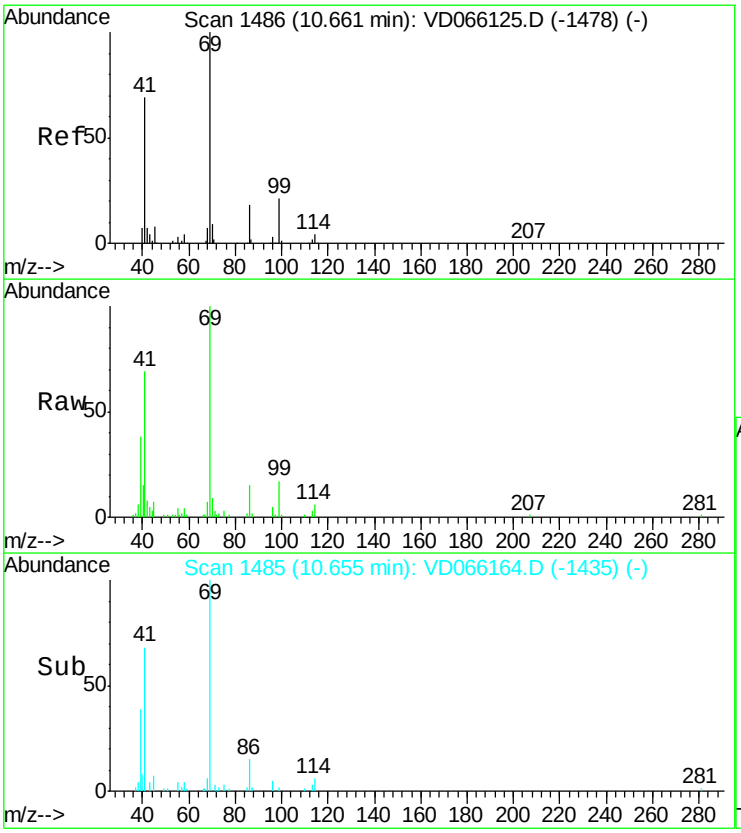

#55
1,1,2-Trichloroethane
Concen: 18.161 ug/l
RT: 10.80 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 97 Resp: 43338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 82.5 | 63.9 | 95.9 |
| 85 | 54.1 | 42.5 | 63.7 |
| 99 | 63.9 | 47.4 | 71.0 |

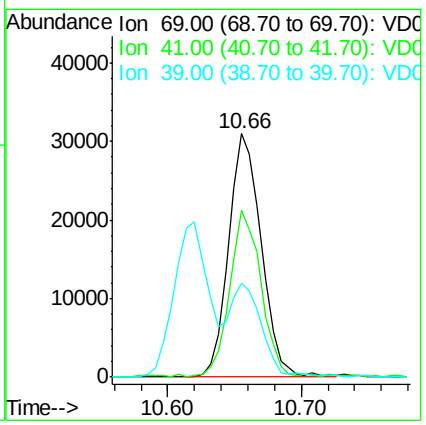


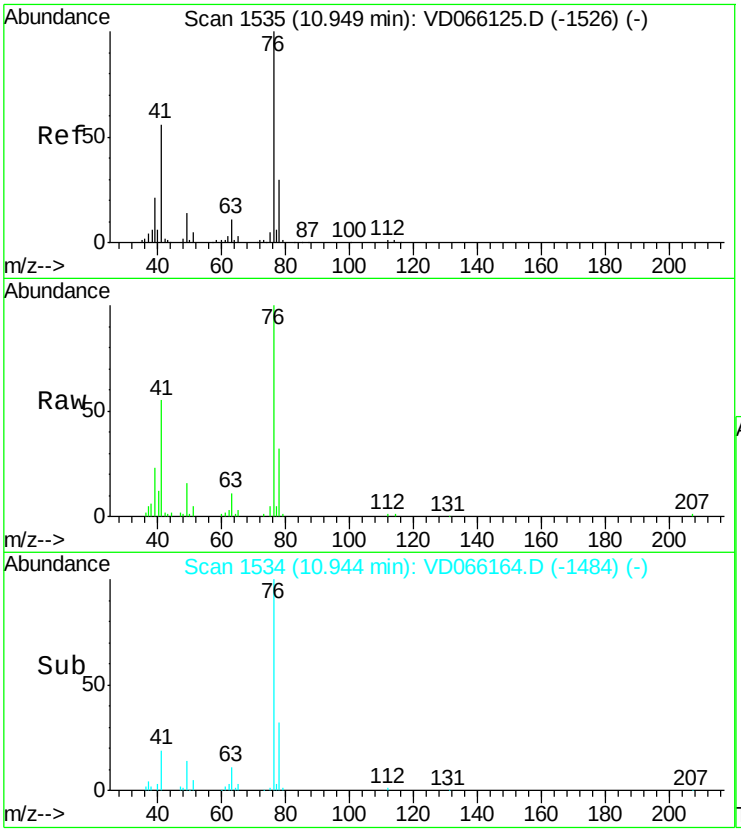




#56
Ethyl methacrylate
Concen: 18.366 ug/l
RT: 10.66 min Scan# 1485
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 69 Resp: 52648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 66.3 | 54.1 | 81.1 |
| 39 | 39.3 | 28.6 | 43.0 |



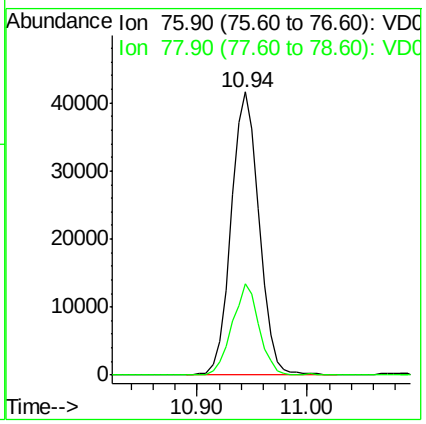


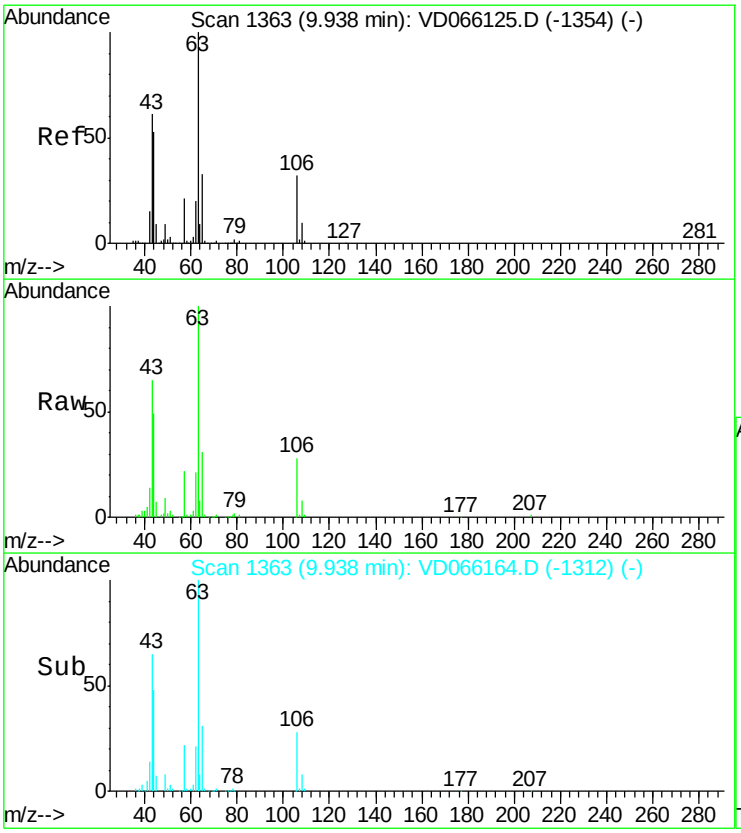

#57
1,3-Dichloropropane
Concen: 18.638 ug/l
RT: 10.94 min Scan# 1534
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 76 Resp: 73836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.3 | 25.5 | 38.3 |

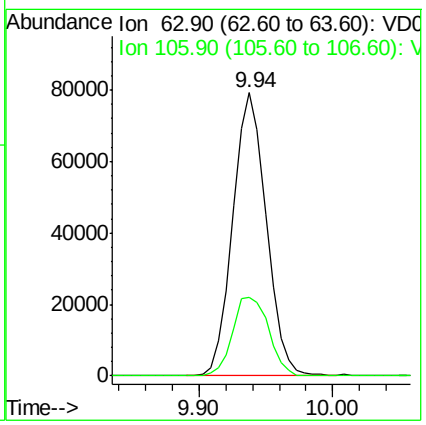


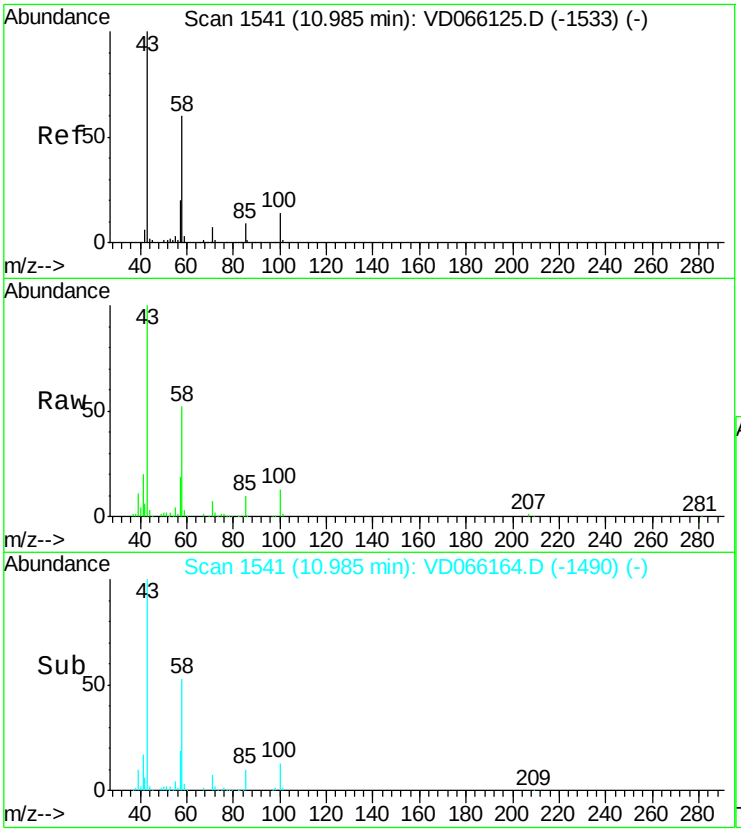




#58
2-Chloroethyl Vinyl ether
Concen: 107.021 ug/l
RT: 9.94 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 63 Resp: 138000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 30.2 | 25.3 | 37.9 |



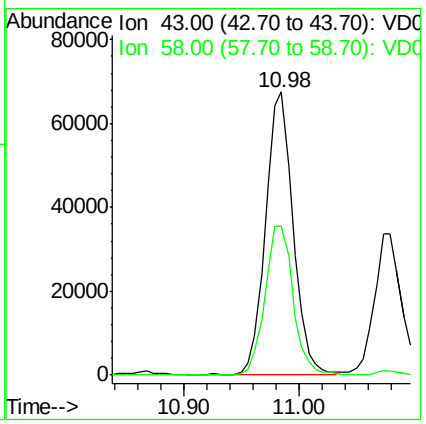


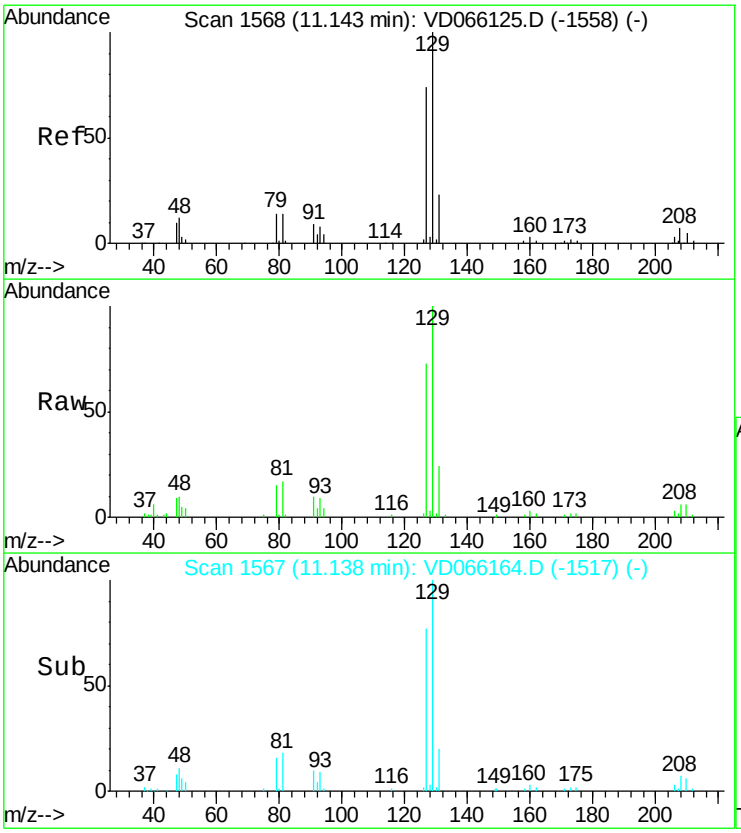

#59
2-Hexanone
Concen: 90.351 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 43 Resp: 112753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 53.8 | 27.8 | 83.4 |

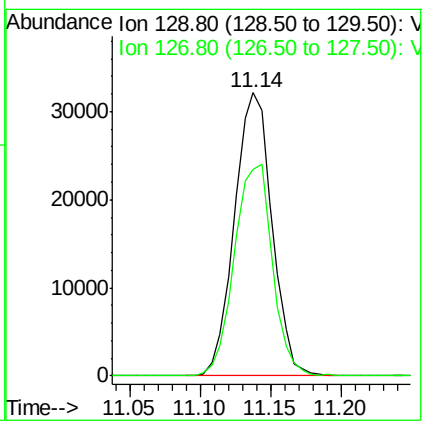


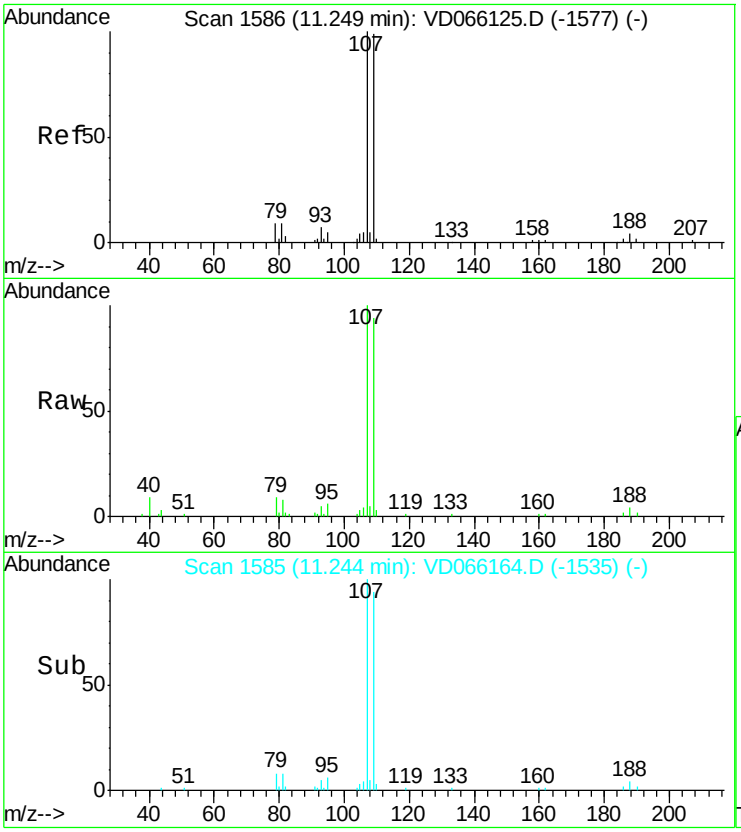




#60
Dibromochloromethane
Concen: 18.148 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion:129 Resp: 59790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 75.8 | 38.0 | 114.1 |



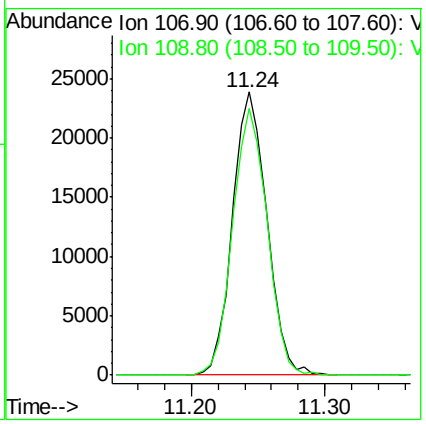


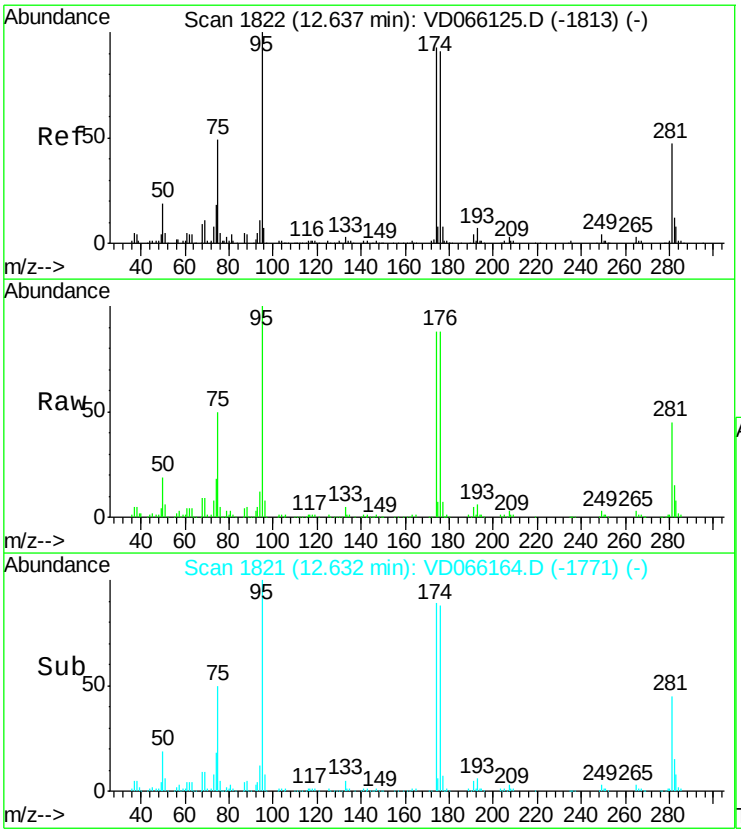

#61
1,2-Dibromoethane
Concen: 18.550 ug/l
RT: 11.24 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion:107 Resp: 42571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.6 | 76.5 | 114.7 |

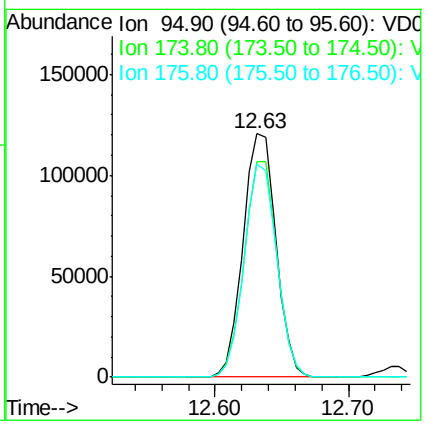


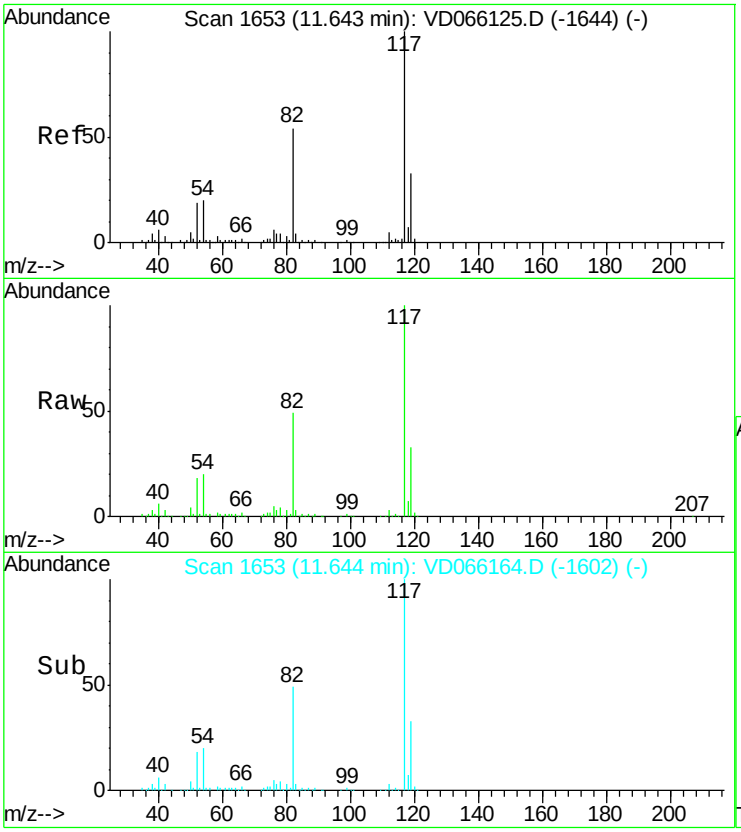




#62
4-Bromofluorobenzene
Concen: 51.667 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 95 Resp: 205456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 88.1 | 0.0 | 180.8 |
| 176 | 86.9 | 0.0 | 181.2 |



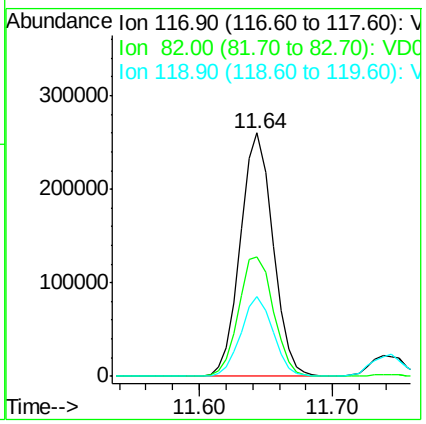


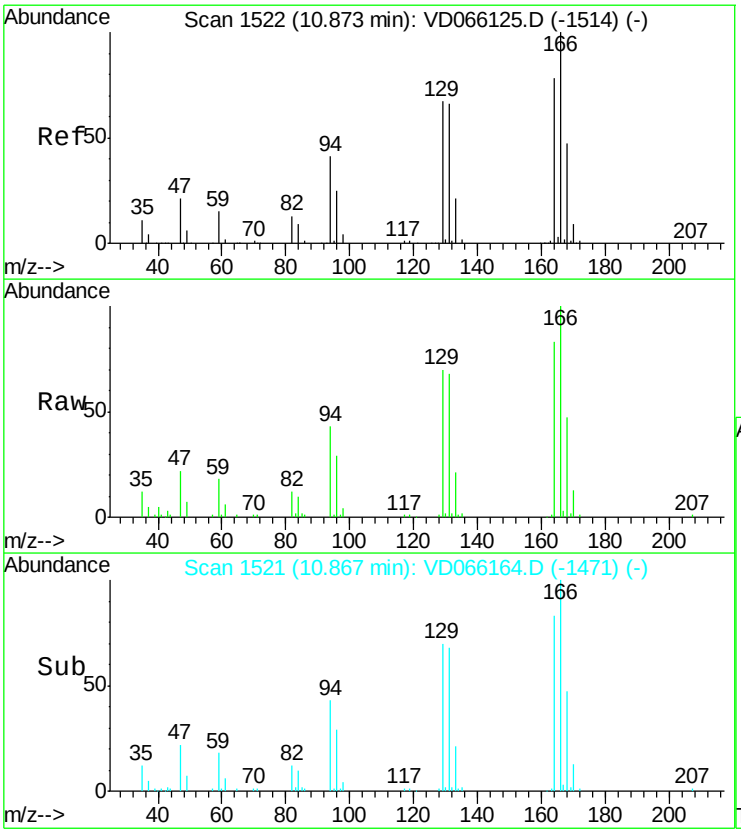

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion:117 Resp: 439944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 48.9 | 43.0 | 64.4 |
| 119 | 32.9 | 26.1 | 39.1 |

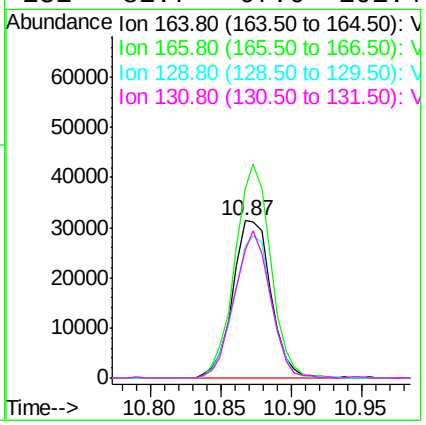


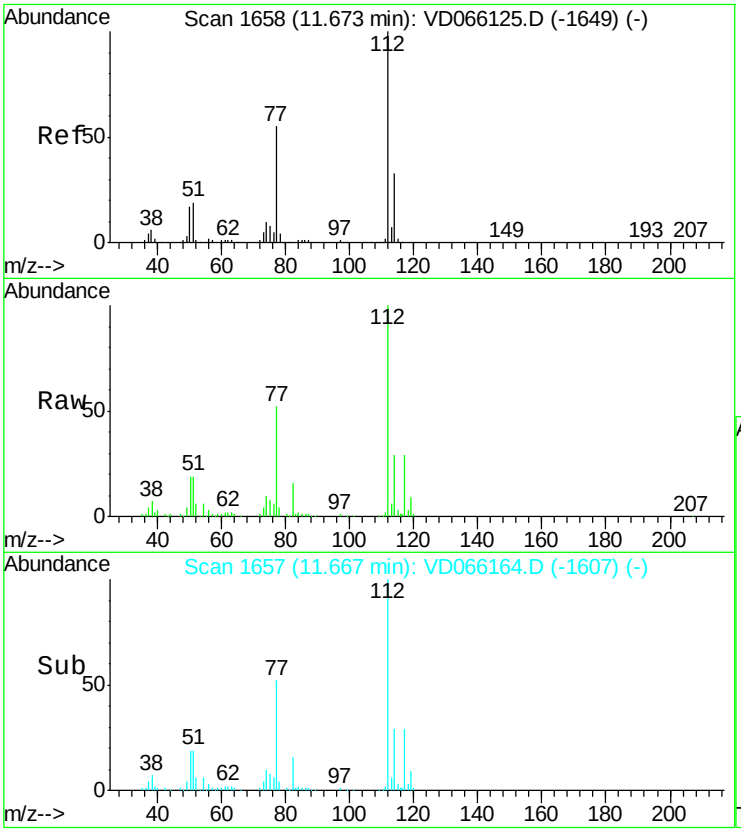




#64
Tetrachloroethene
Concen: 17.545 ug/l
RT: 10.87 min Scan# 1521
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion:164 Resp: 59272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 120.2 | 101.9 | 152.9 |
| 129 | 84.1 | 68.1 | 102.1 |
| 131 | 81.7 | 67.6 | 101.4 |



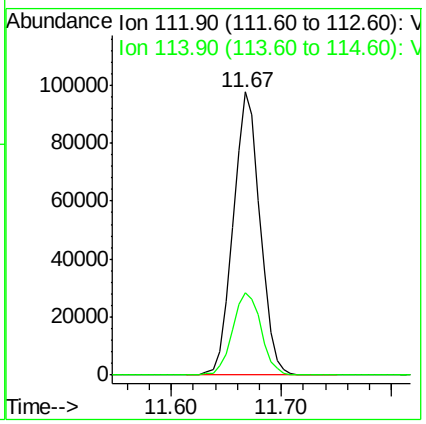


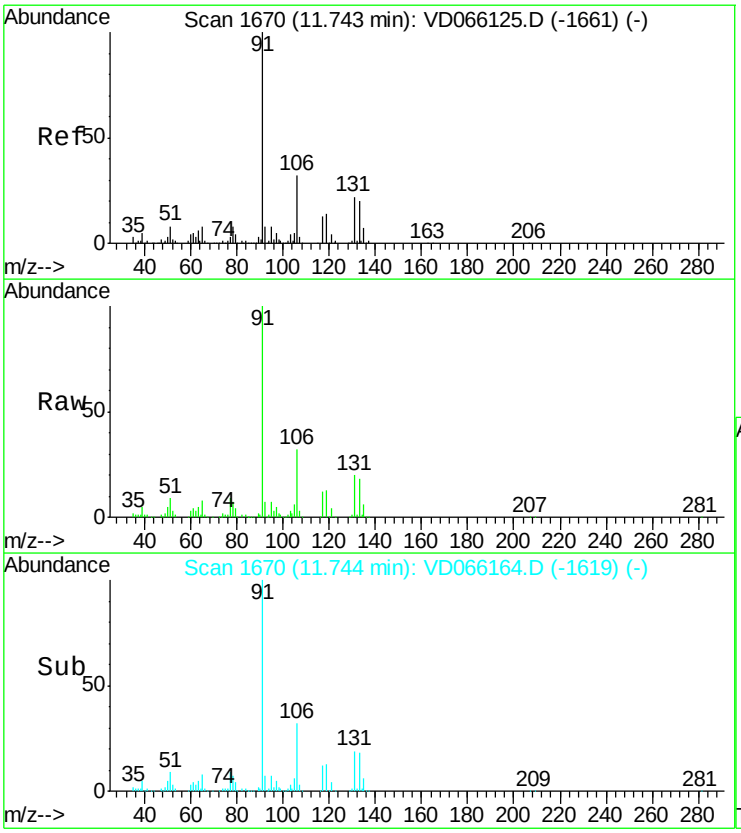

#65
Chlorobenzene
Concen: 18.640 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion:112 Resp: 166474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 29.3 | 26.1 | 39.1 |

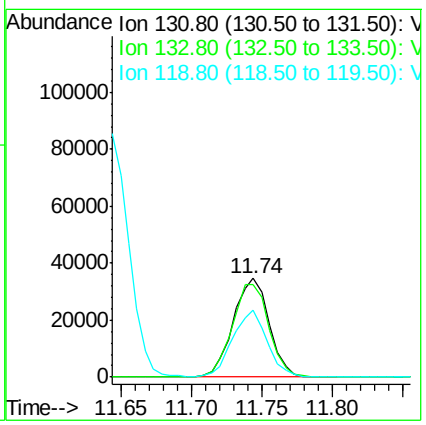


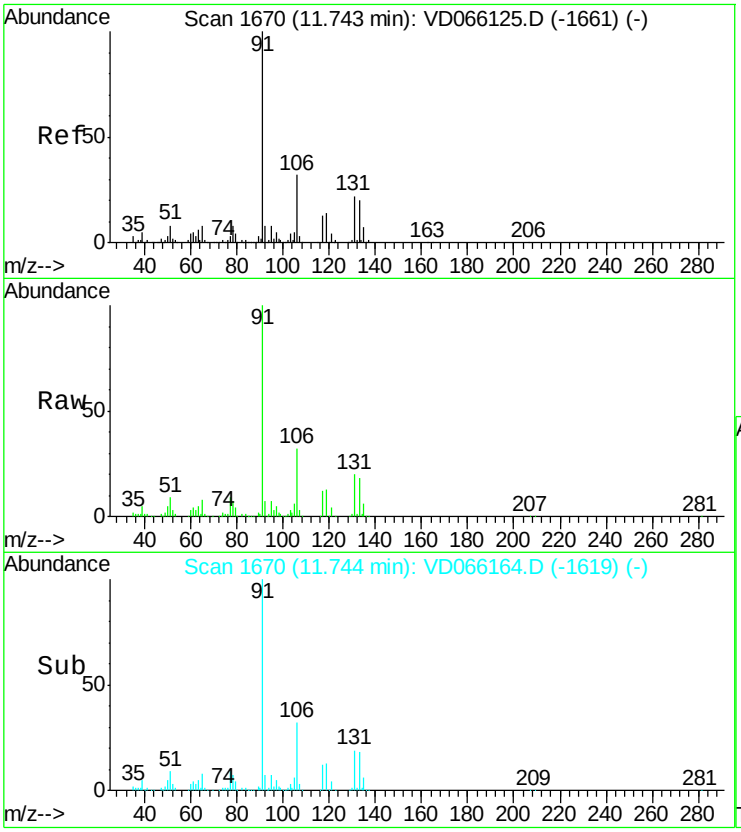




#66
1,1,1,2-Tetrachloroethane
Concen: 17.627 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion:131 Resp: 61598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.5 | 47.1 | 141.4 |
| 119 | 64.8 | 31.6 | 94.7 |



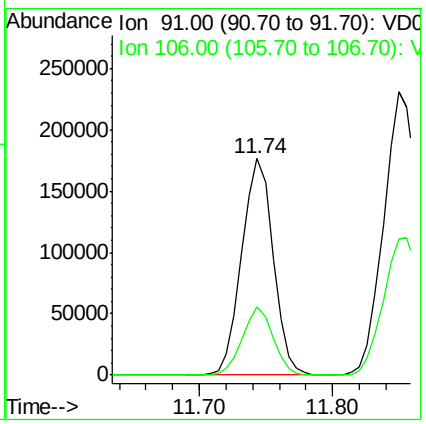


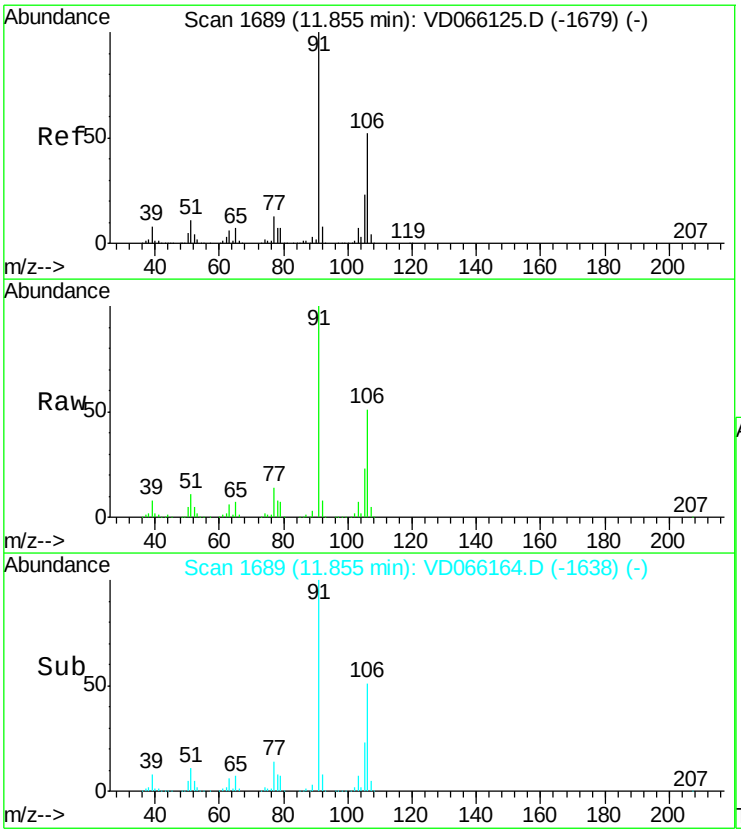

#67
Ethyl Benzene
Concen: 18.577 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 91 Resp: 287504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.6 | 25.7 | 38.5 |

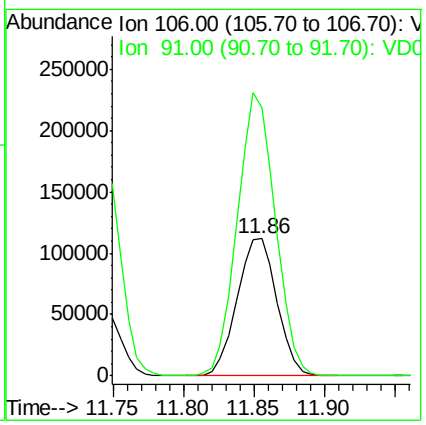


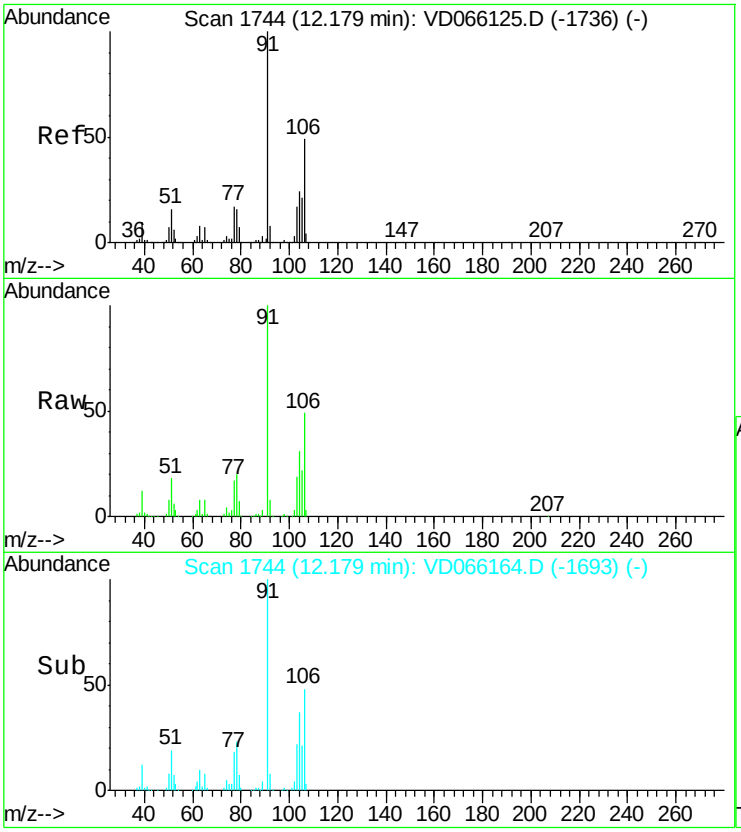




#68
m/p-Xylenes
Concen: 36.865 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion:106 Resp: 221053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 196.9 | 156.6 | 235.0 |



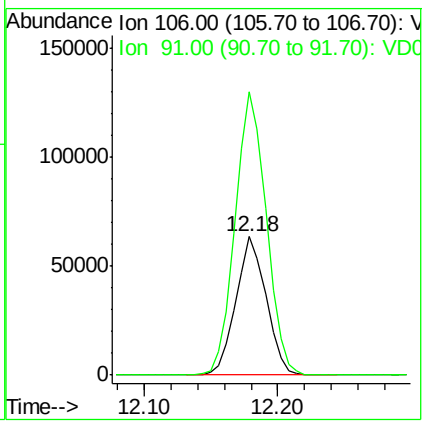


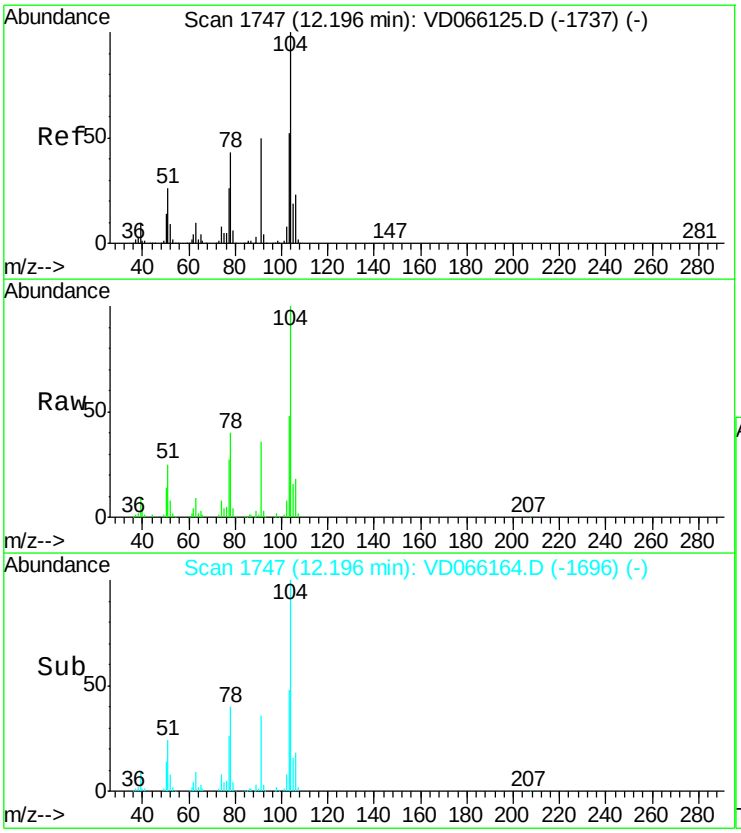

#69
o-Xylene
Concen: 18.304 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0810SBS01

Tgt Ion:106 Resp: 99840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.5 | 105.7 | 317.1 |

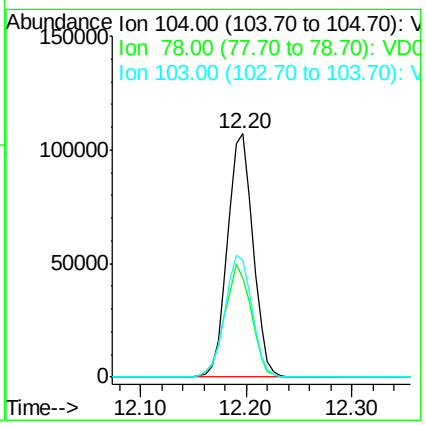


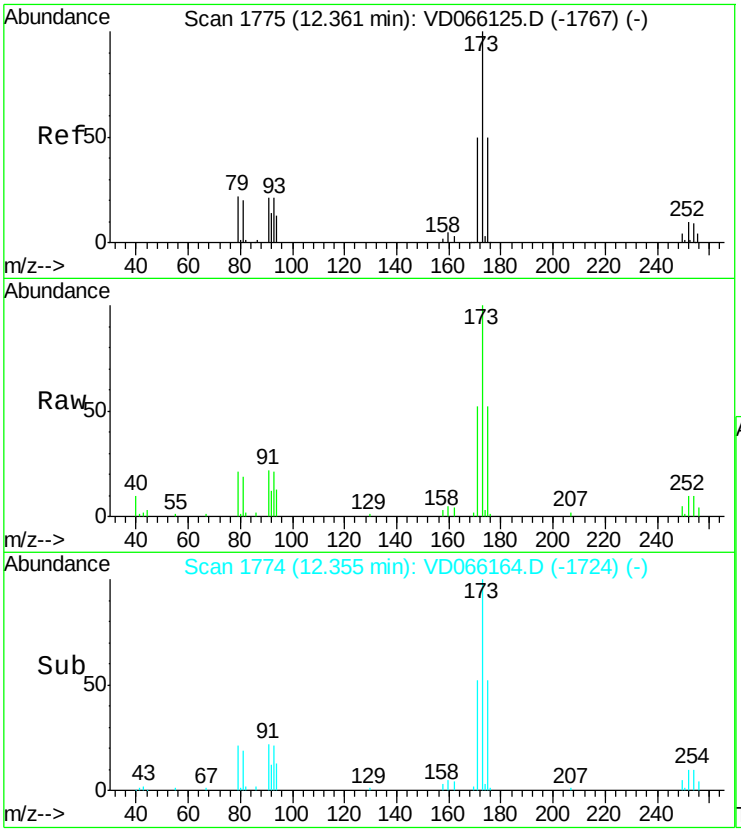




#70
Styrene
Concen: 18.606 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion:104 Resp: 177861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 48.4 | 38.6 | 58.0 |
| 103 | 53.4 | 44.1 | 66.1 |



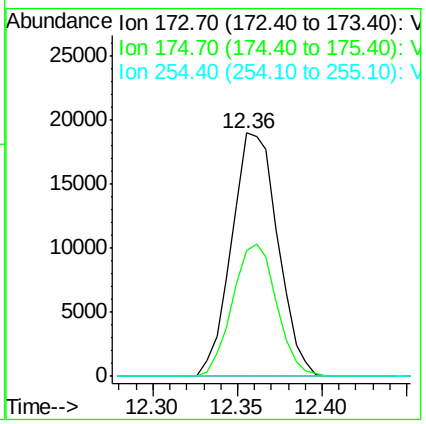


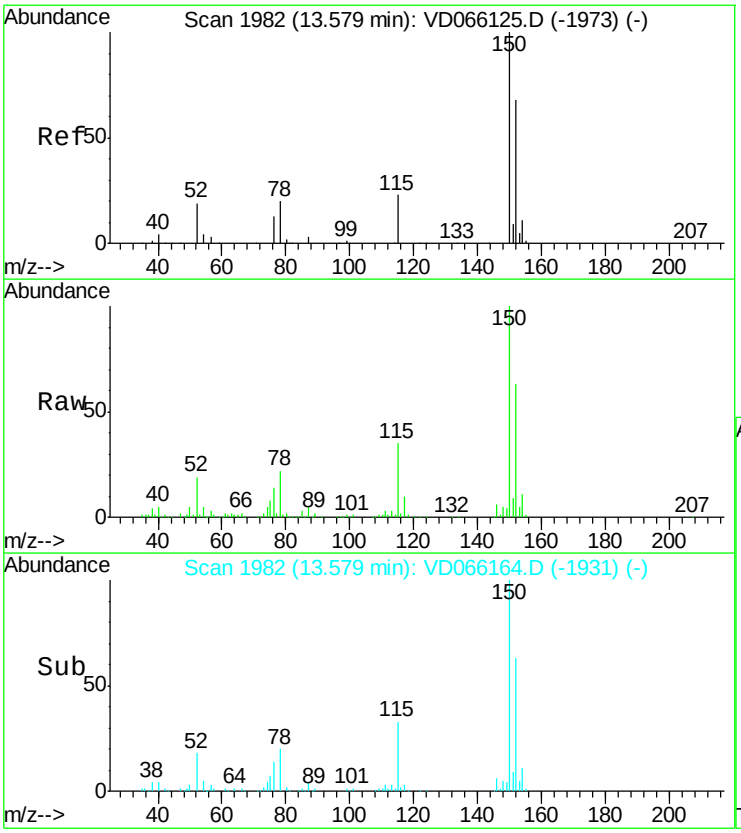

#71
Bromoform
Concen: 17.477 ug/l
RT: 12.36 min Scan# 1774
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion:173 Resp: 36184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 51.7 | 24.6 | 73.6 |
| 254 | 0.0 | 0.2 | 0.2# |

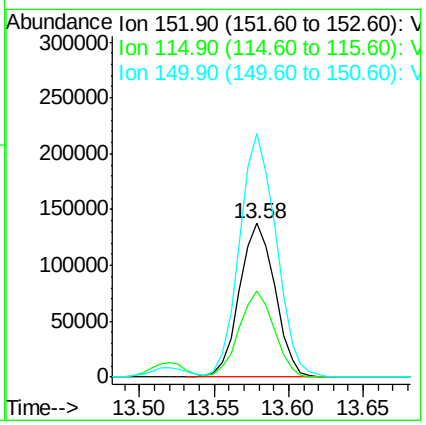


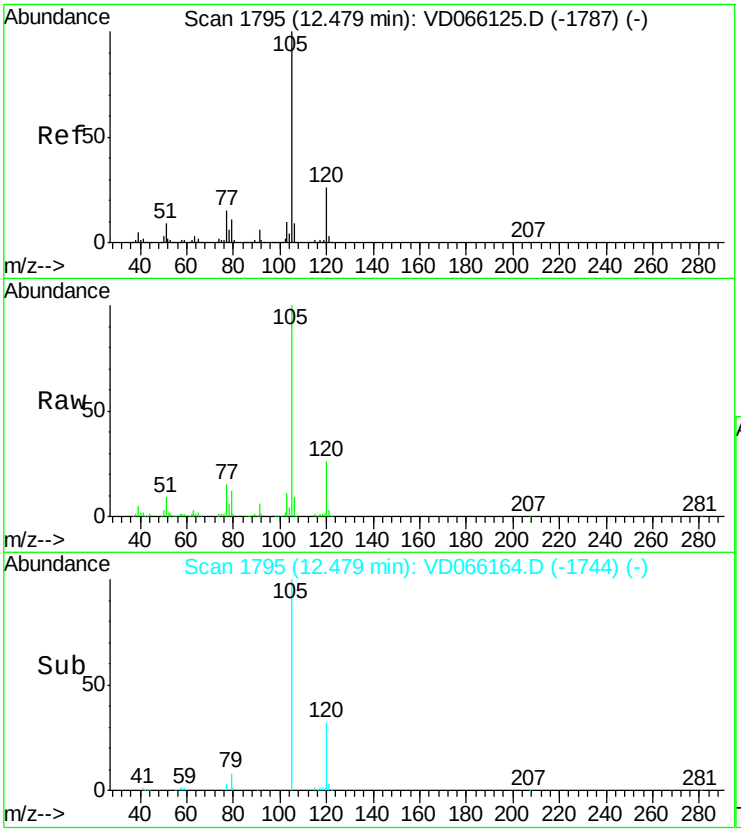




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion:152 Resp: 226156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.7 | 28.0 | 83.9 |
| 150 | 163.5 | 0.0 | 346.4 |



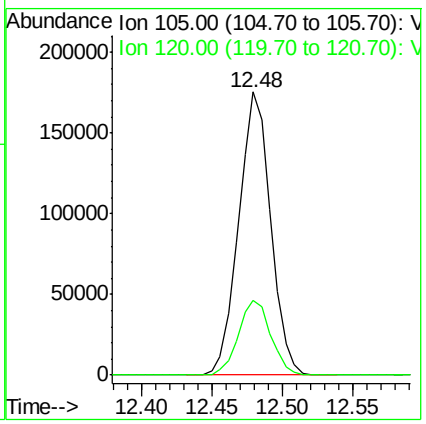


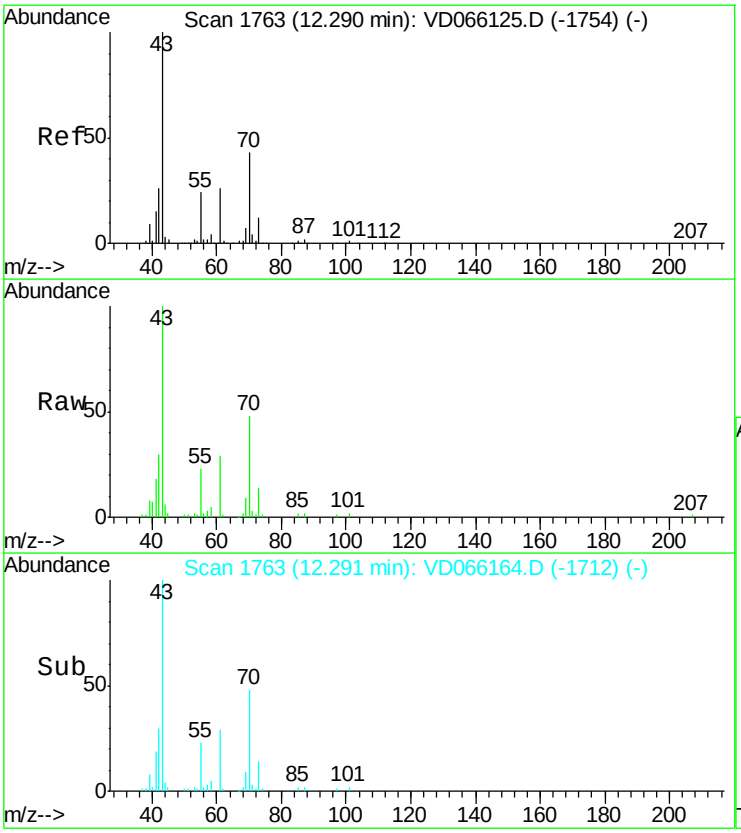

#73
Isopropylbenzene
Concen: 18.408 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion:105 Resp: 277890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.7 | 13.3 | 39.9 |

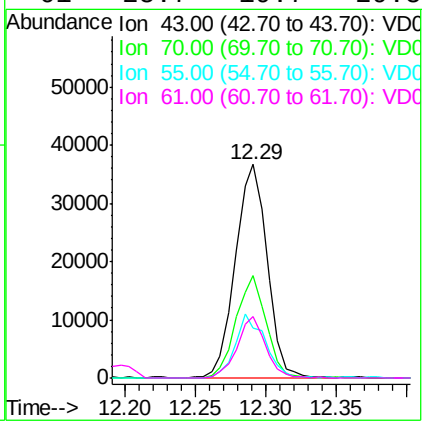


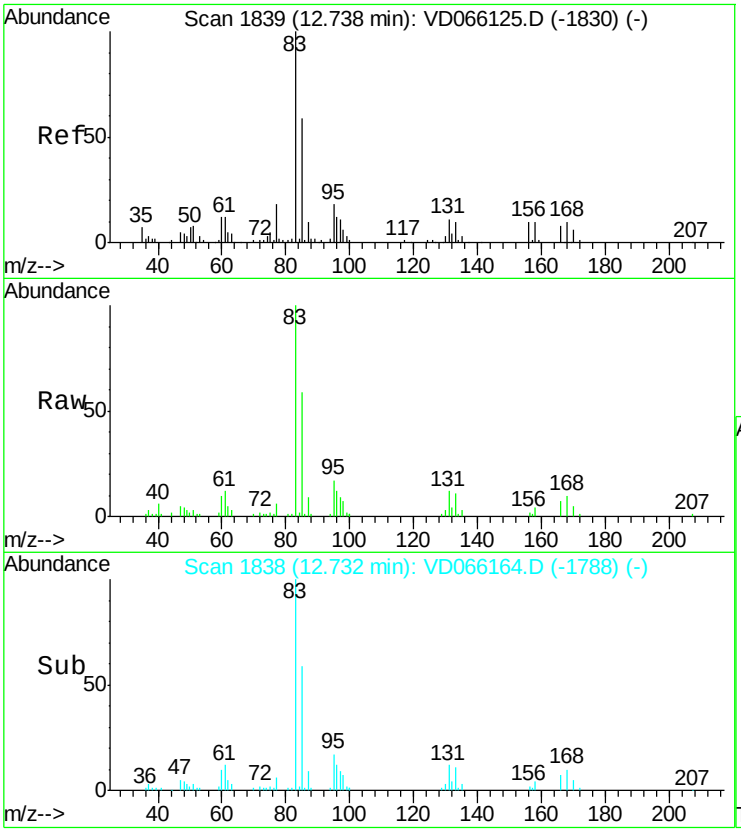




#74
N-amyl acetate
Concen: 17.429 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 43 Resp: 57940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 45.3 | 34.9 | 52.3 |
| 55 | 28.0 | 19.2 | 28.8 |
| 61 | 25.7 | 19.7 | 29.5 |



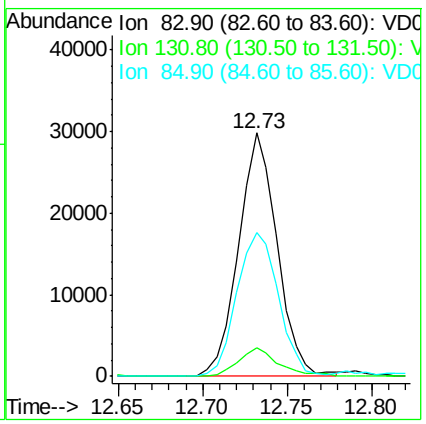


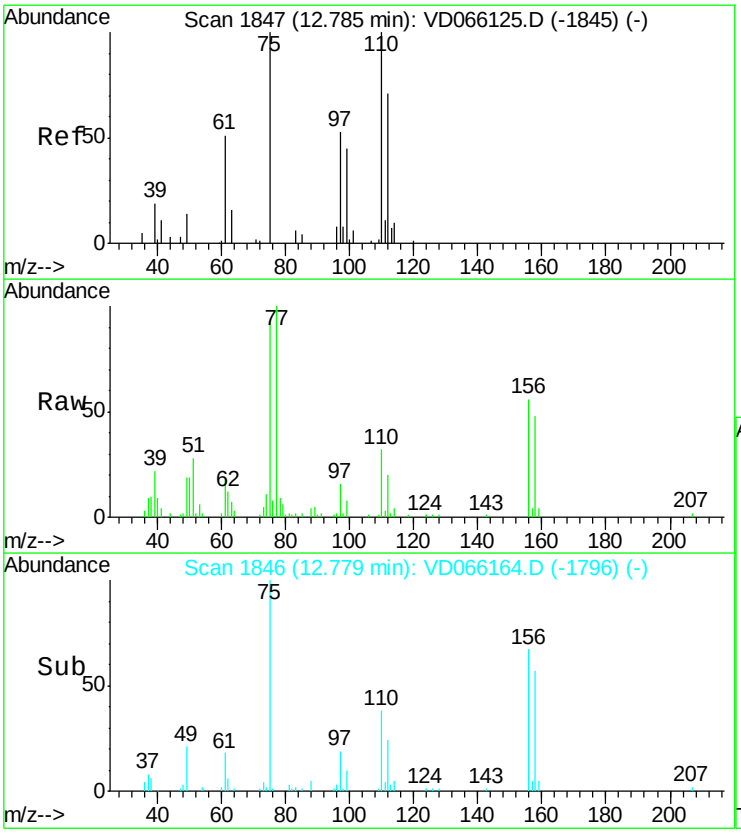

#75
1,1,2,2-Tetrachloroethane
Concen: 18.431 ug/l
RT: 12.73 min Scan# 1838
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0810SBS01

Tgt Ion: 83 Resp: 47445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 12.1 | 6.2 | 18.6 |
| 85 | 63.7 | 32.4 | 97.2 |

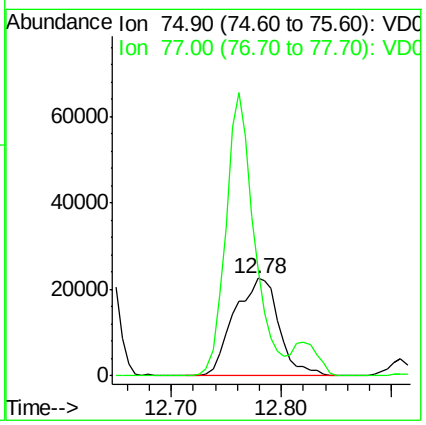


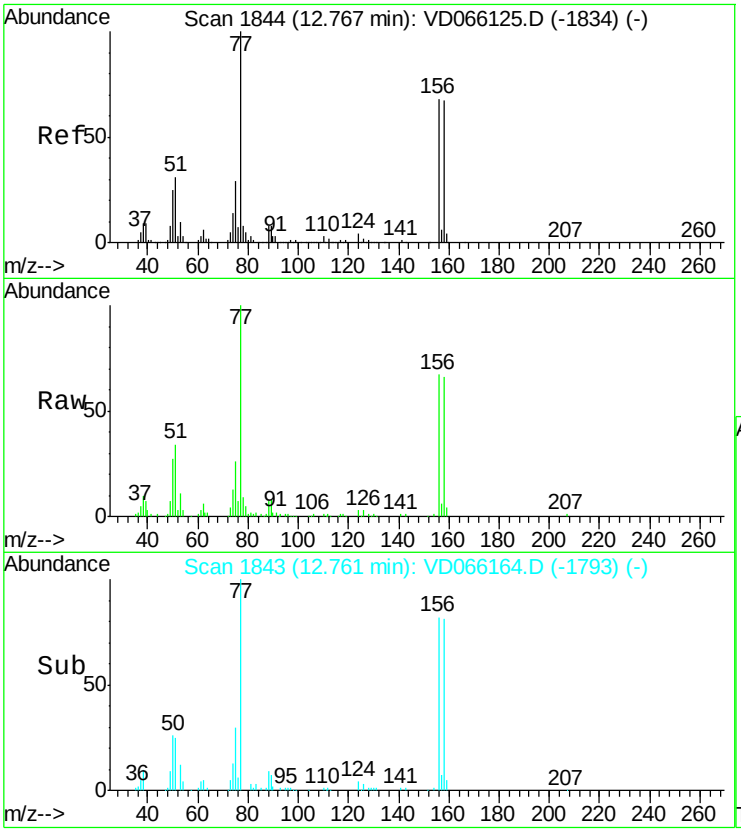




#76
1,2,3-Trichloropropane
Concen: 34.035 ug/l
RT: 12.78 min Scan# 1846
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 75 Resp: 64189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 184.3 | 0.0 | 0.0# |



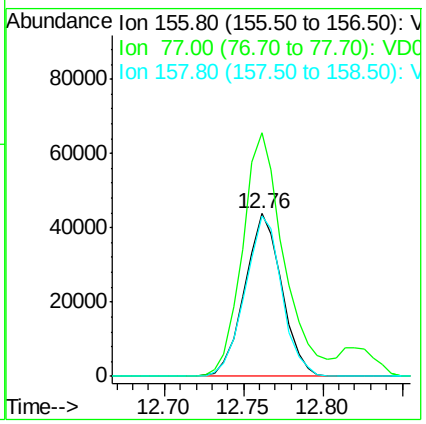


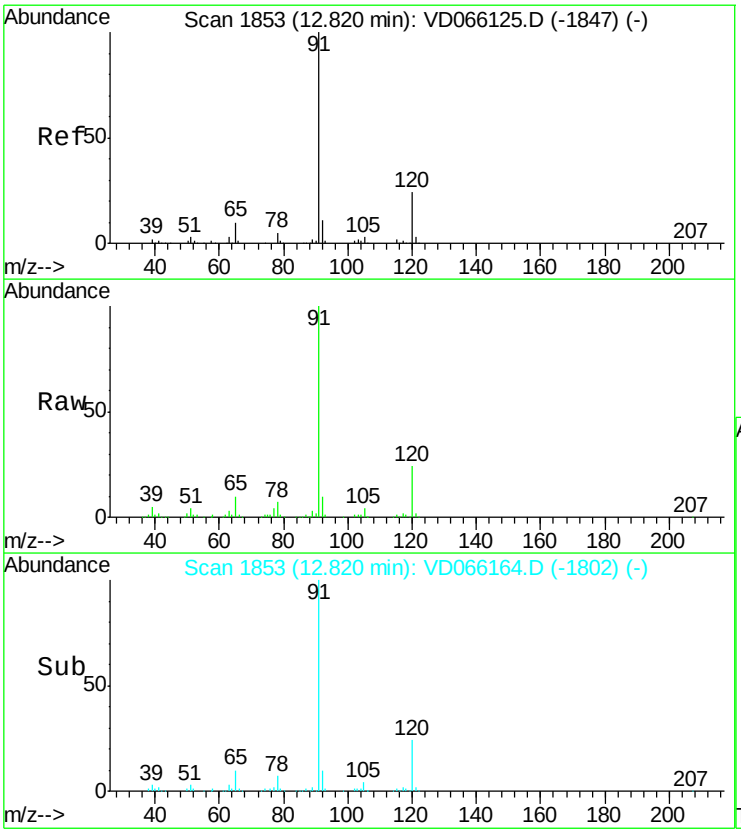

#77
Bromobenzene
Concen: 18.262 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion:156 Resp: 70968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 166.7 | 81.0 | 243.1 |
| 158 | 97.9 | 48.8 | 146.3 |

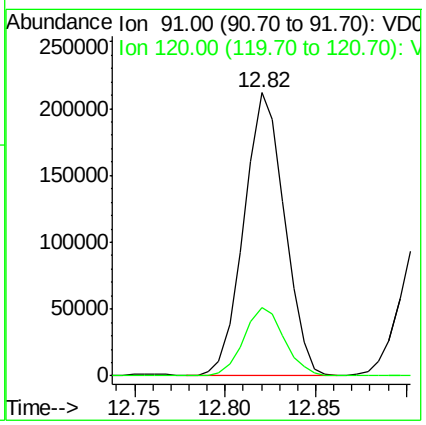


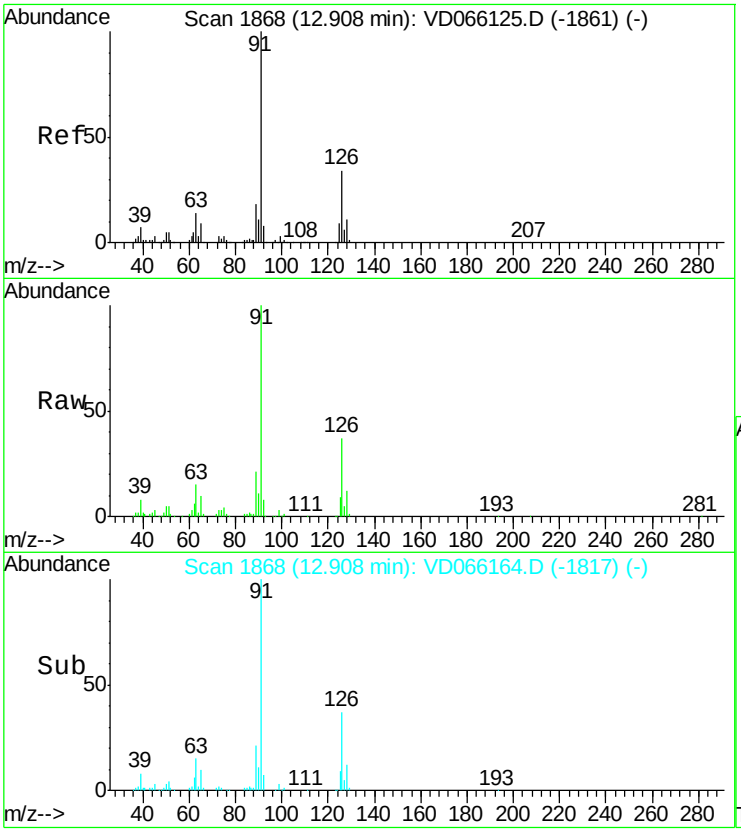




#78
n-propylbenzene
Concen: 18.818 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 91 Resp: 330236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 24.0 | 12.0 | 36.0 |



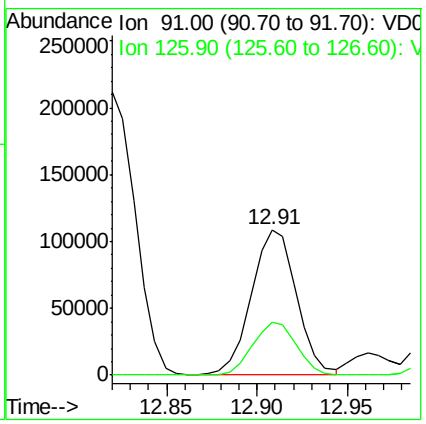


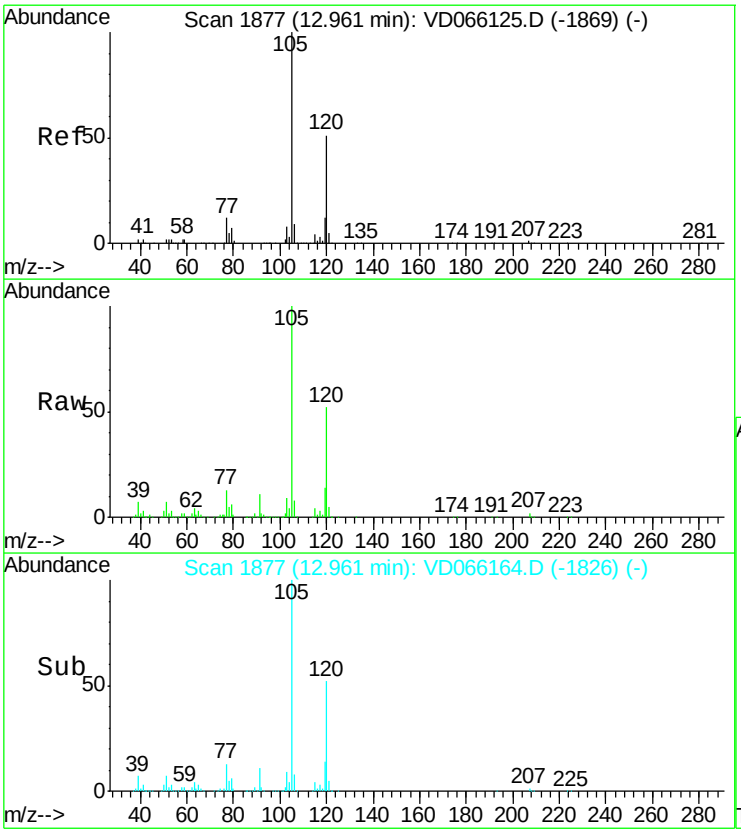

#79
2-Chlorotoluene
Concen: 18.724 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 91 Resp: 187921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.5 | 17.5 | 52.6 |

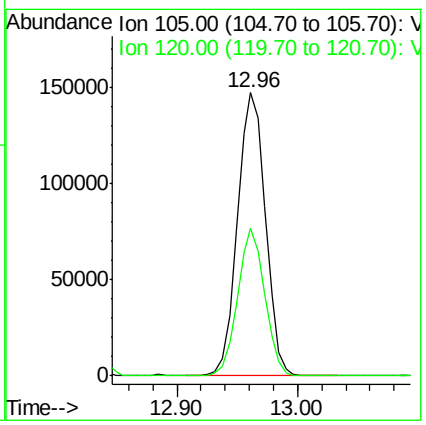


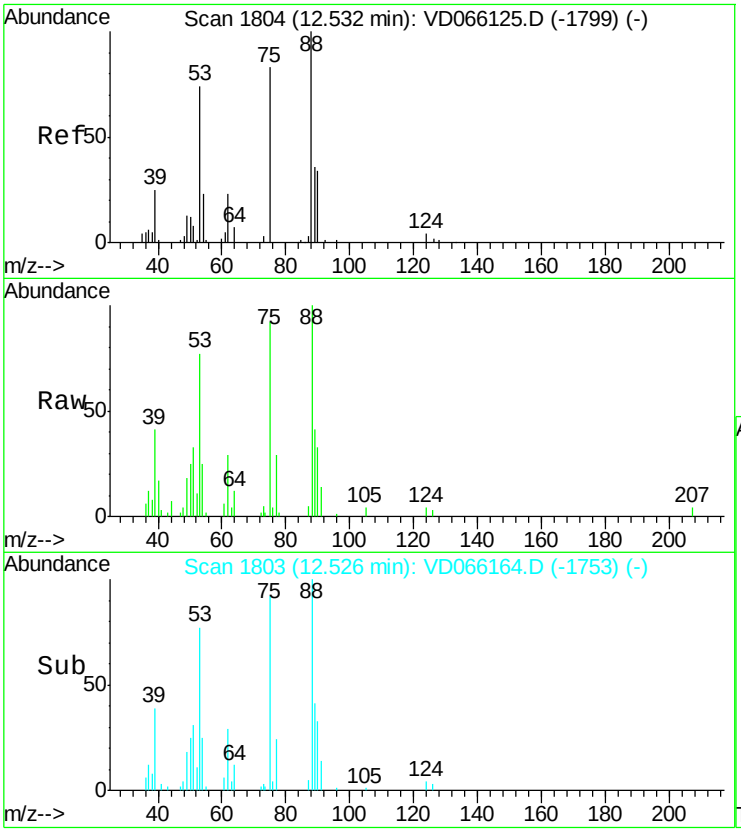




#80
1,3,5-Trimethylbenzene
Concen: 18.823 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion:105 Resp: 237648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.3 | 25.3 | 75.8 |



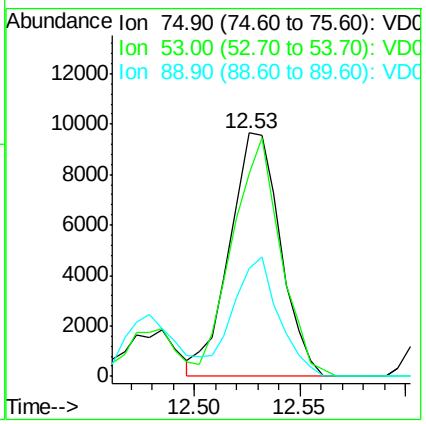


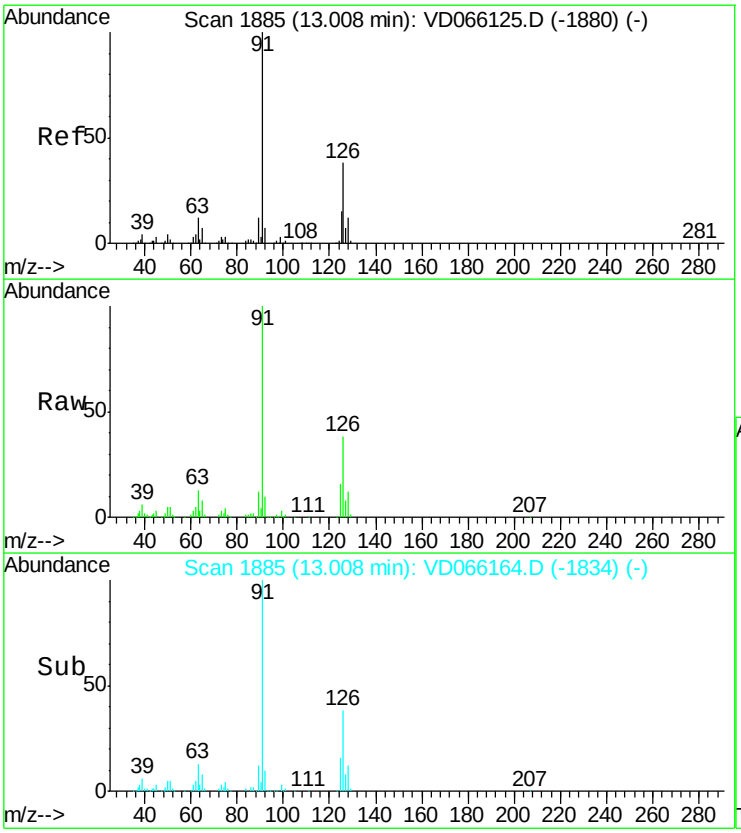

#81
trans-1,4-Dichloro-2-butene
Concen: 18.892 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0810SBS01

Tgt Ion: 75 Resp: 16118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 92.8 | 73.4 | 110.2 |
| 89 | 44.5 | 36.6 | 55.0 |

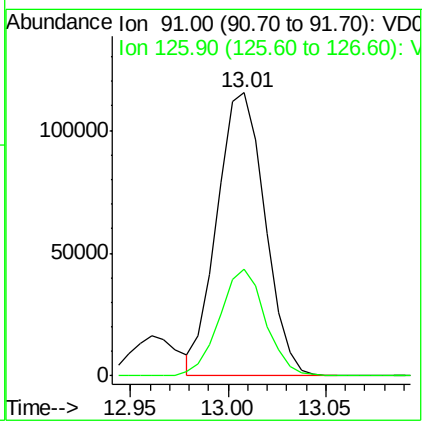


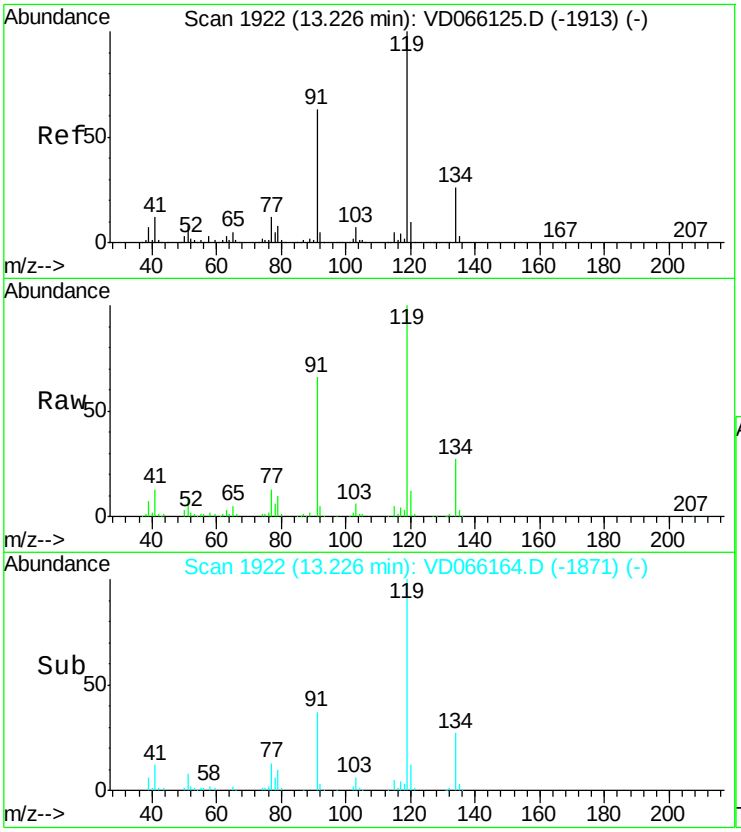




#82
4-Chlorotoluene
Concen: 18.576 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 91 Resp: 196812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 36.1 | 17.8 | 53.3 |



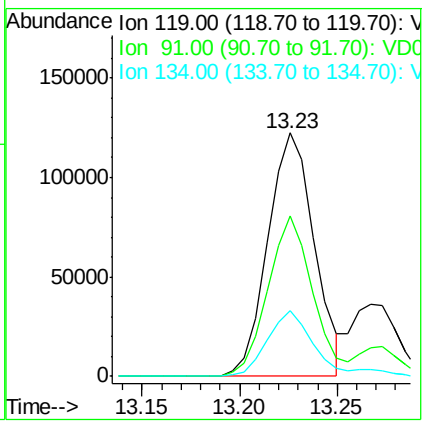


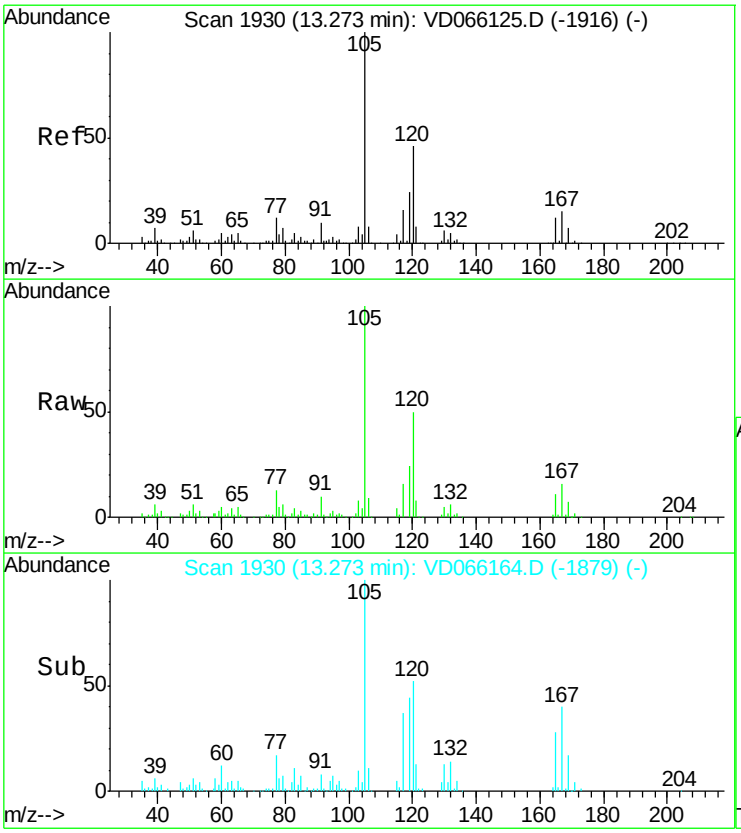

#83
tert-Butylbenzene
Concen: 18.203 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion:119 Resp: 202114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 63.7 | 30.8 | 92.4 |
| 134 | 27.9 | 13.6 | 40.8 |

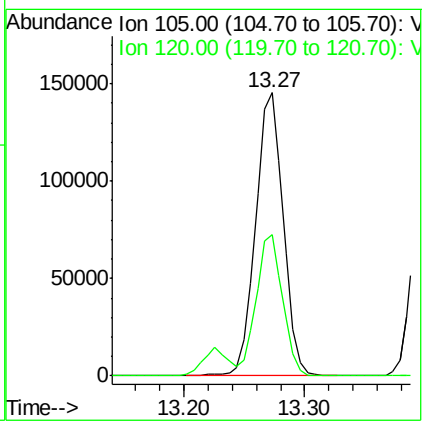


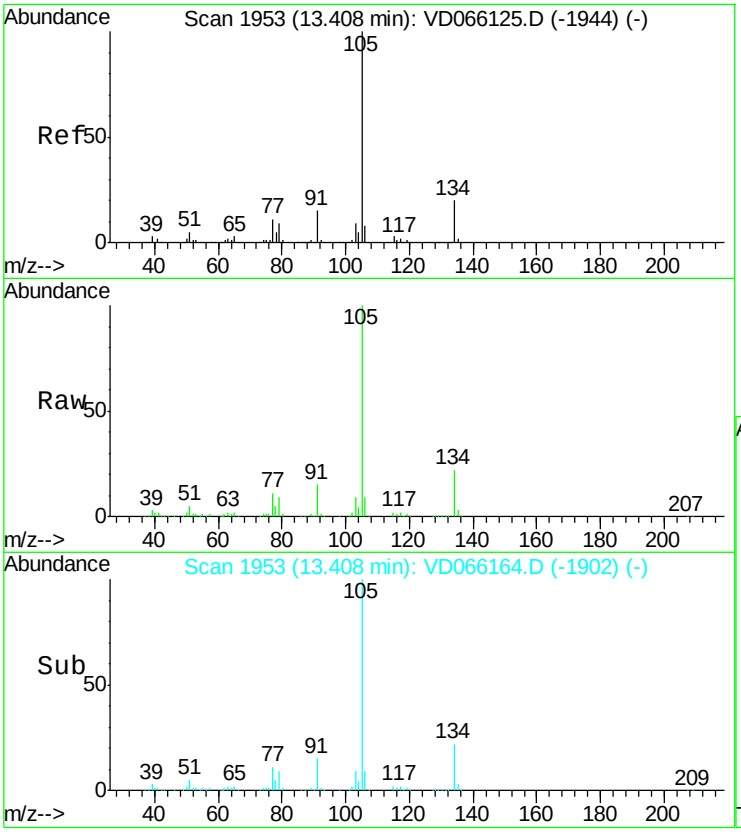




#84
1,2,4-Trimethylbenzene
Concen: 18.375 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion:105 Resp: 232173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.8 | 23.1 | 69.2 |



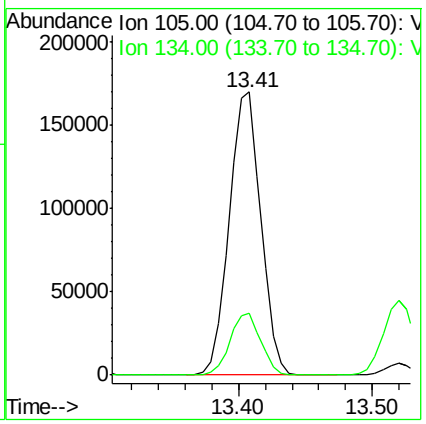


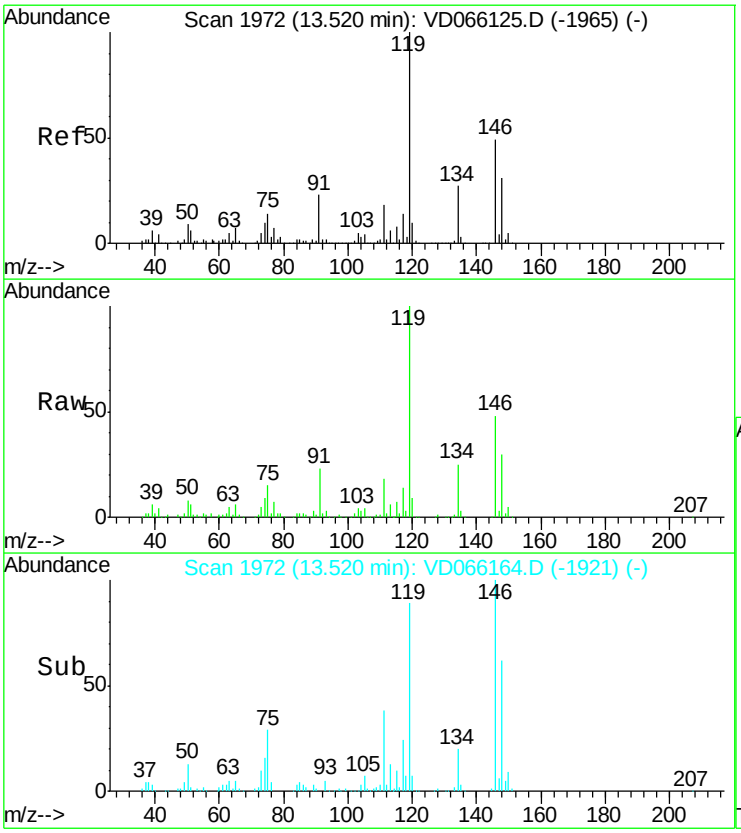

#85
sec-Butylbenzene
Concen: 18.690 ug/l
RT: 13.41 min Scan# 1953
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0810SBS01

Tgt Ion:105 Resp: 280176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.4 | 10.4 | 31.4 |

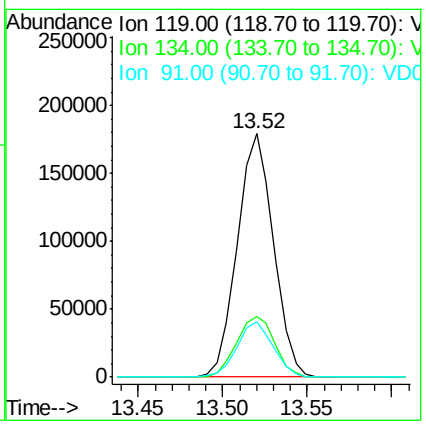


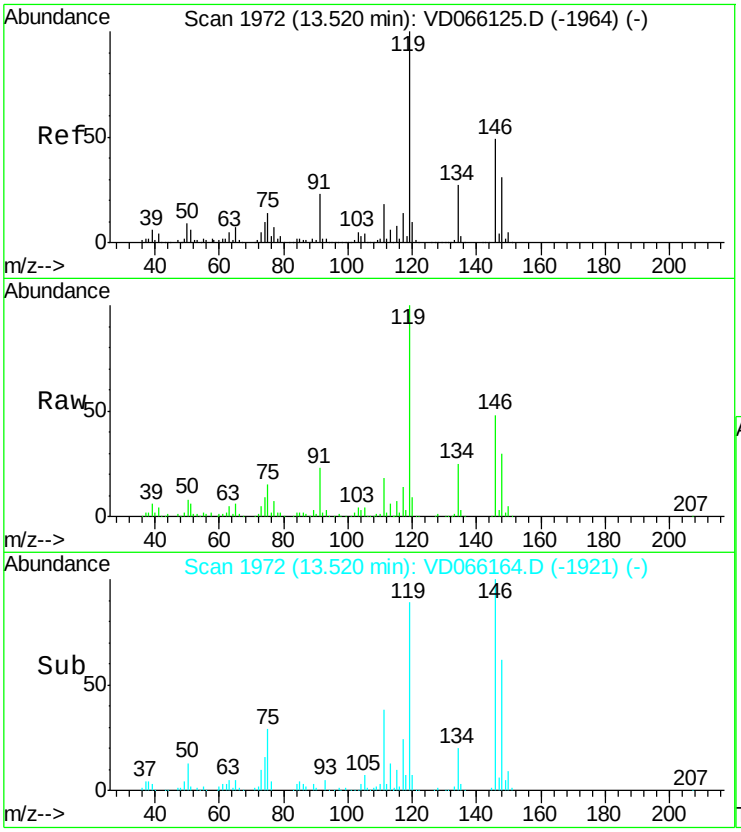




#86
p-Isopropyltoluene
Concen: 18.995 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion:119 Resp: 267071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.3 | 13.5 | 40.4 |
| 91 | 22.9 | 11.2 | 33.5 |



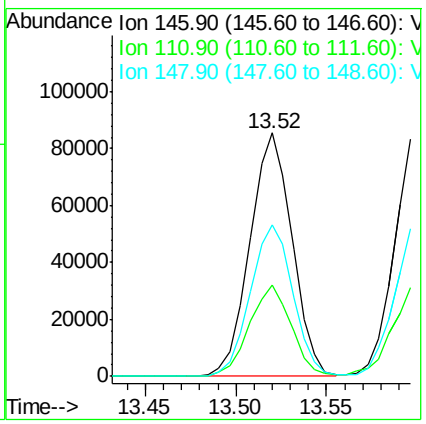


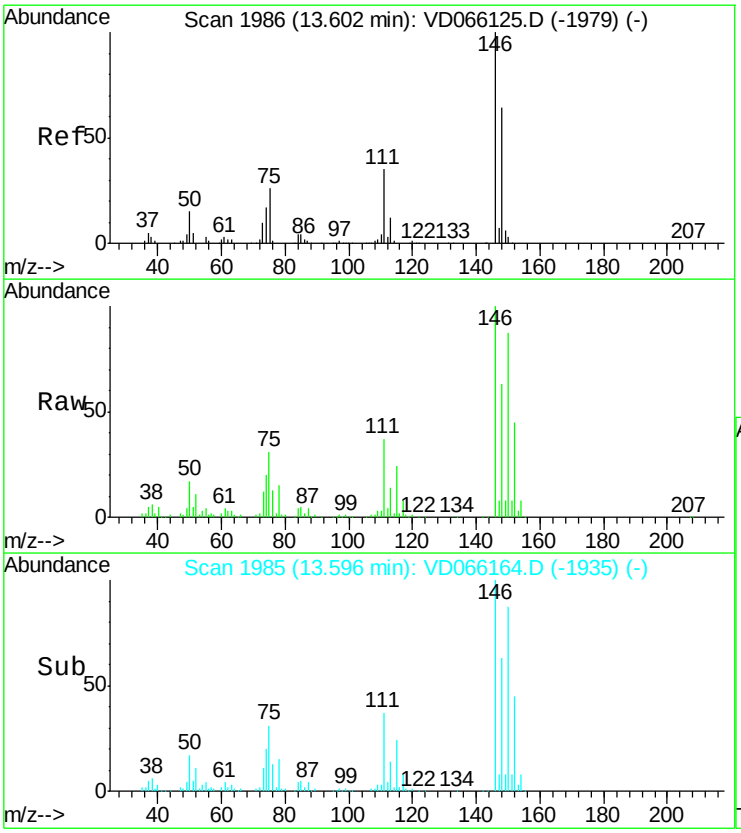

#87
1,3-Dichlorobenzene
Concen: 18.911 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion:146 Resp: 138119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.9 | 18.9 | 56.9 |
| 148 | 62.8 | 31.8 | 95.3 |

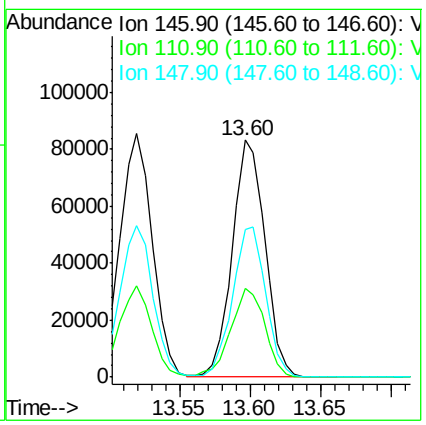


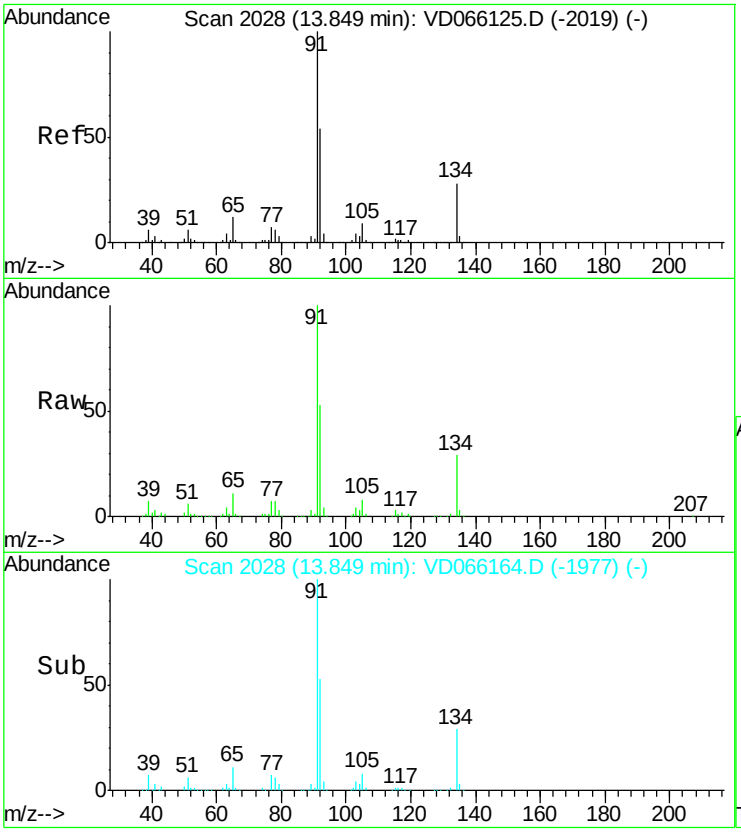




#88
1,4-Dichlorobenzene
Concen: 18.519 ug/l
RT: 13.60 min Scan# 1985
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion:146 Resp: 134891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.8 | 18.6 | 55.8 |
| 148 | 64.3 | 32.4 | 97.0 |



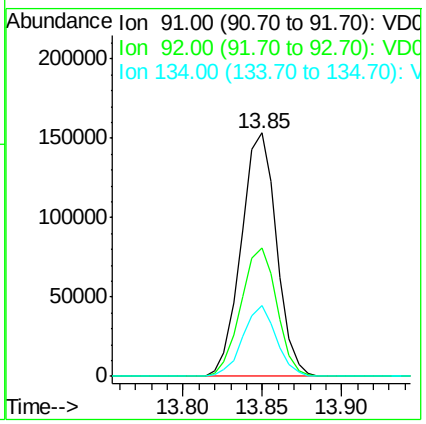


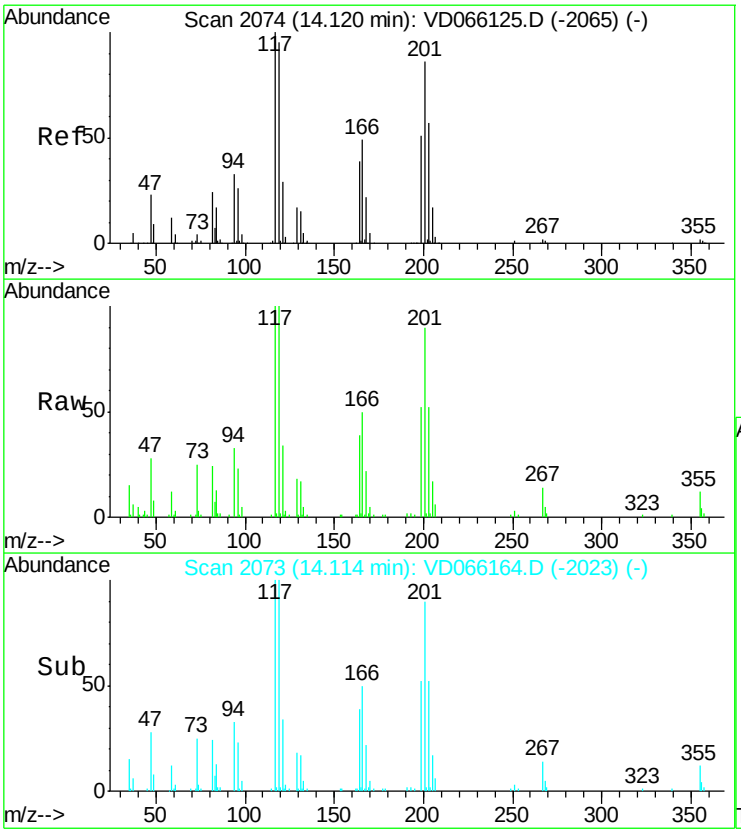

#89
n-Butylbenzene
Concen: 18.829 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion: 91 Resp: 237186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.9 | 26.8 | 80.3 |
| 134 | 27.6 | 14.0 | 41.9 |

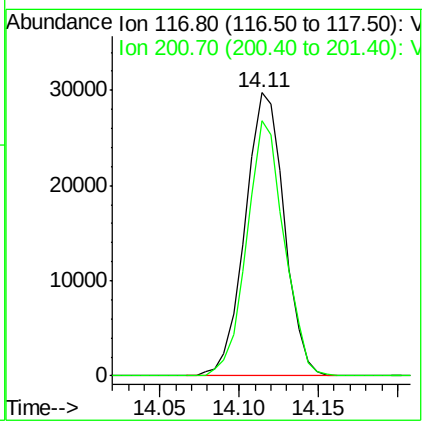


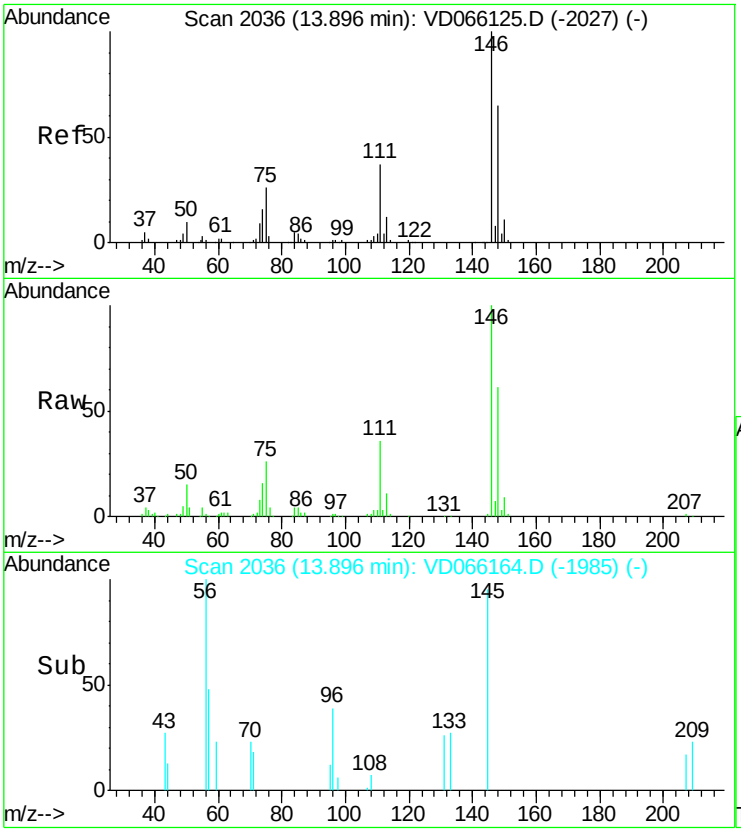




#90
Hexachloroethane
Concen: 18.245 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion:117 Resp: 51162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 85.9 | 42.7 | 128.1 |



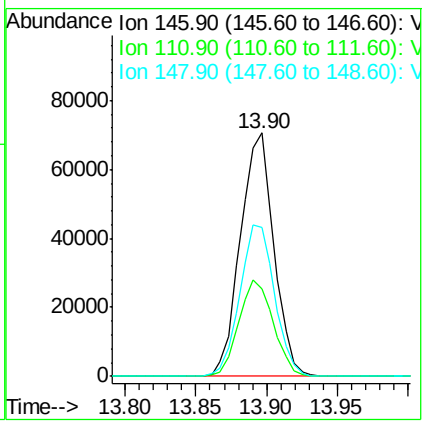


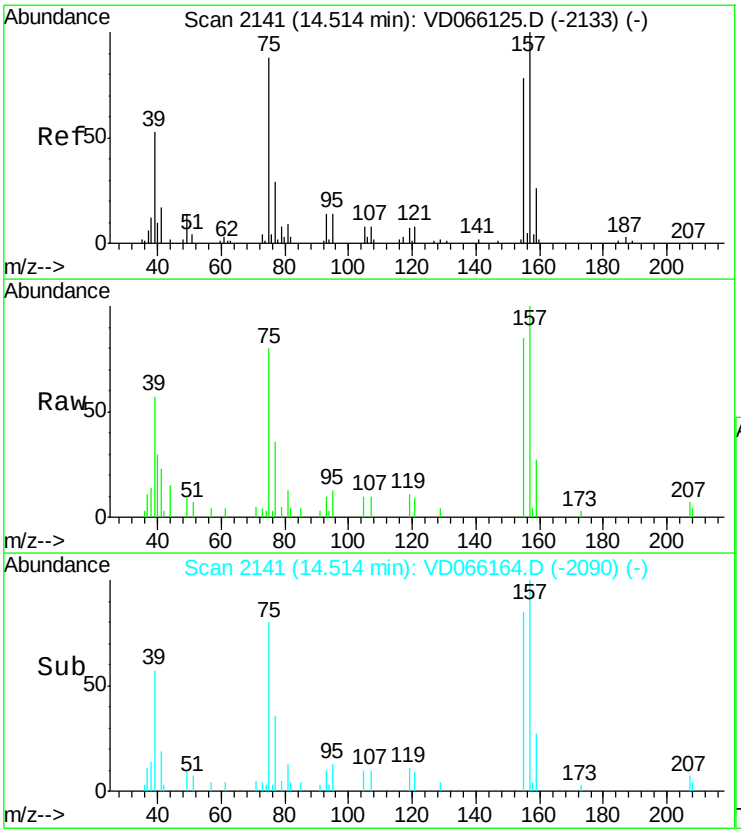

#91
1,2-Dichlorobenzene
Concen: 18.204 ug/l
RT: 13.90 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion:146 Resp: 117585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.4 | 18.8 | 56.3 |
| 148 | 64.6 | 31.9 | 95.5 |

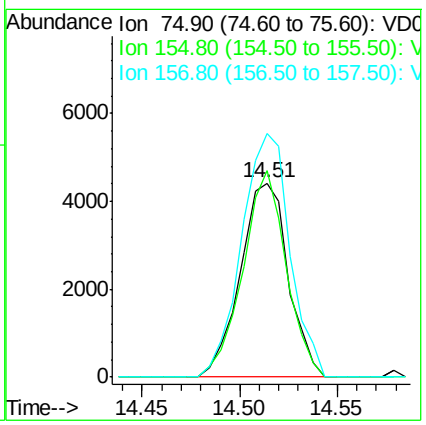


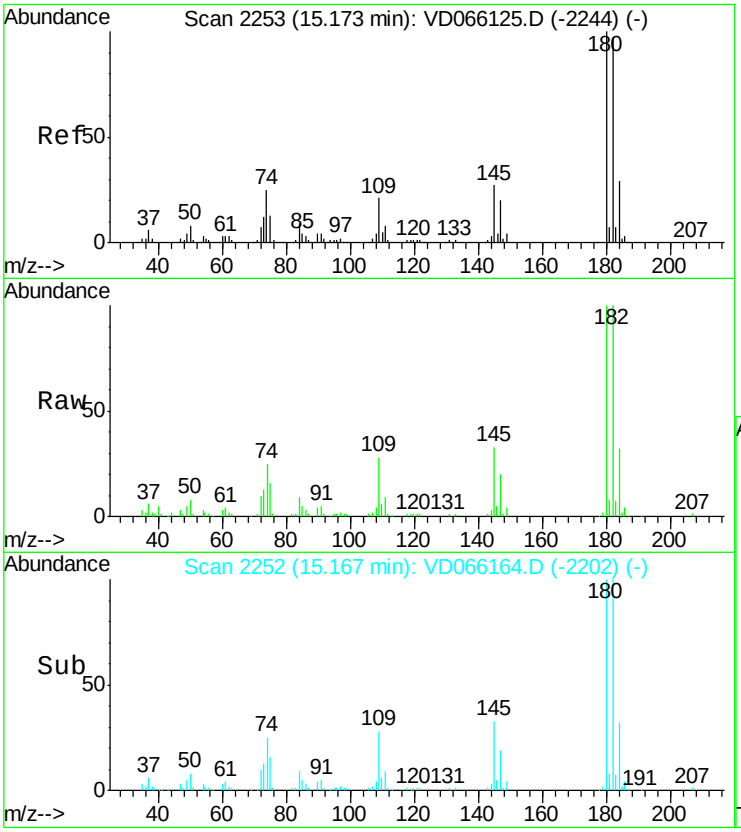




#92
1,2-Dibromo-3-Chloropropane
Concen: 16.929 ug/l
RT: 14.51 min Scan# 2141
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion: 75 Resp: 7490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 96.4 | 47.7 | 143.1 |
| 157 | 126.7 | 62.1 | 186.2 |



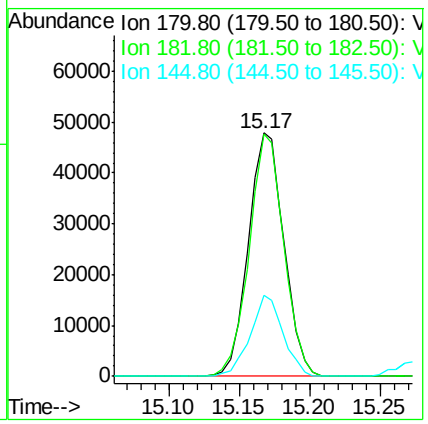


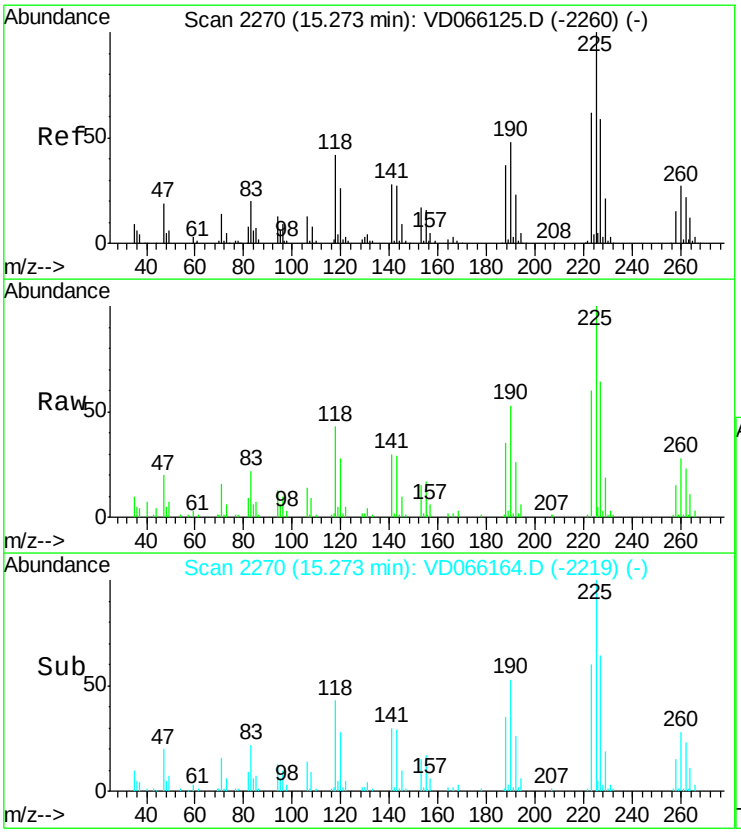

#93
1,2,4-Trichlorobenzene
Concen: 17.781 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.01 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :** MSVOA_D
**ClientSampleId :** VD0810SBS01

Tgt Ion:180 Resp: 84641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.9 | 47.4 | 142.2 |
| 145 | 30.7 | 14.5 | 43.6 |

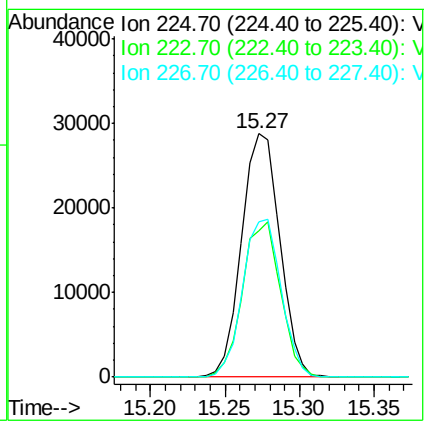


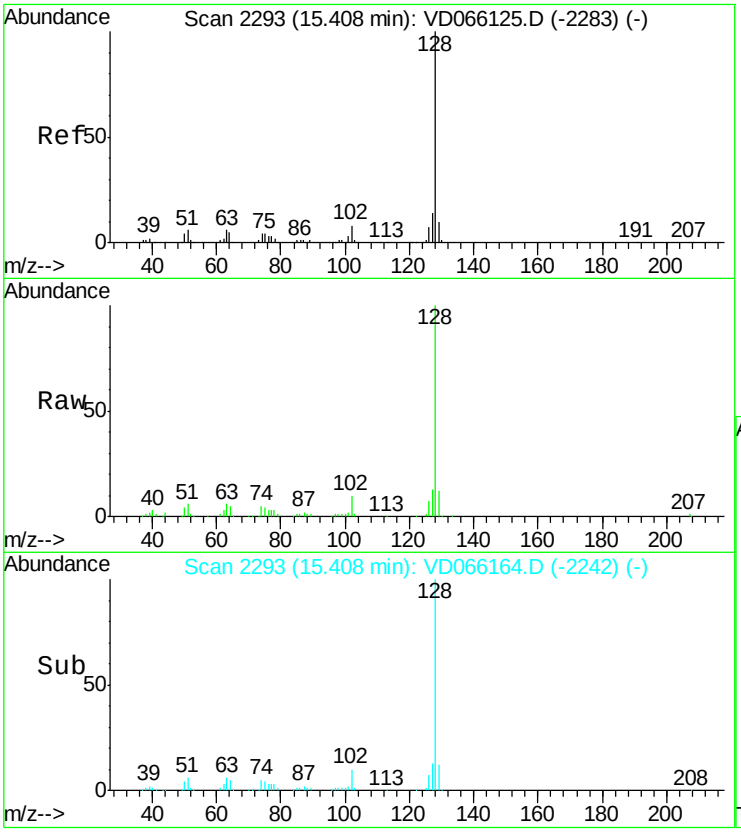




#94
Hexachlorobutadiene
Concen: 18.287 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion:225 Resp: 51259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.8 | 32.3 | 96.9 |
| 227 | 64.8 | 32.1 | 96.5 |



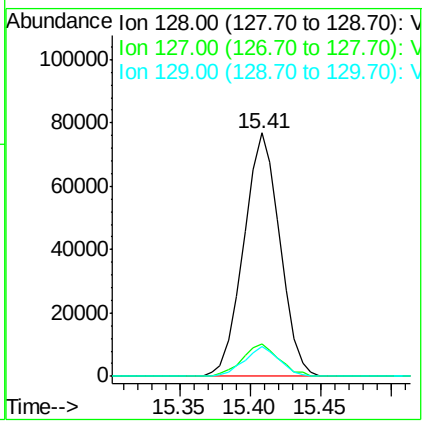


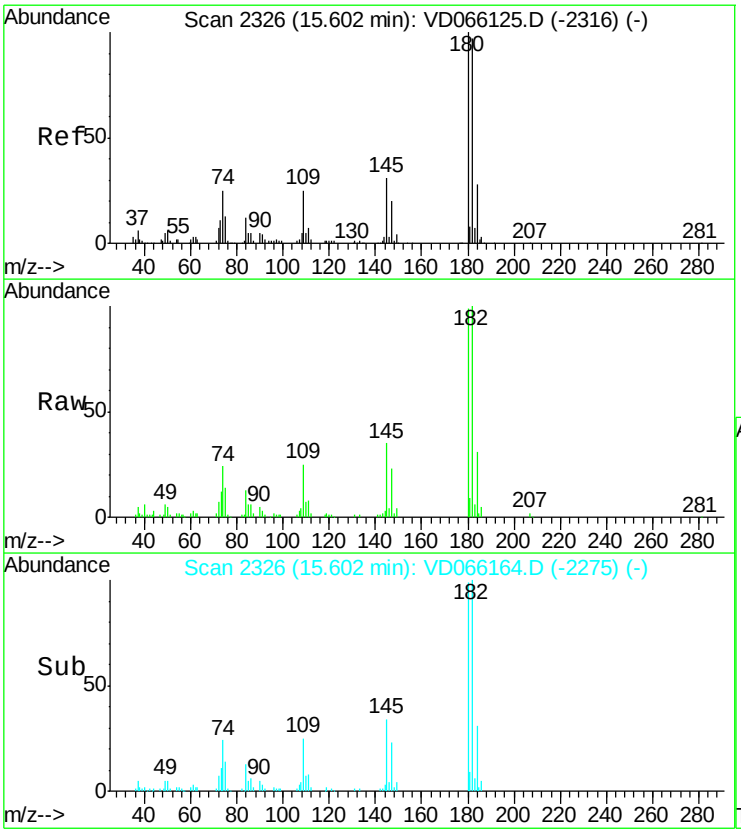

#95
Naphthalene
Concen: 17.792 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

**Instrument :**
MSVOA_D
**ClientSampleId :**
VD0810SBS01

Tgt Ion:128 Resp: 137997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.4 | 11.0 | 16.4 |
| 129 | 11.7 | 8.8 | 13.2 |




#96
1,2,3-Trichlorobenzene
Concen: 18.006 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066164.D
Acq: 10 Aug 2020 15:06

Tgt Ion:180 Resp: 75663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.0 | 47.1 | 141.4 |
| 145 | 30.9 | 14.9 | 44.9 |