Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050119\
Data File : VD062096.D
Acq On : 1 May 2019 11:47
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Quant Time: May 02 01:00:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 08:37:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.01 | 168 | 618588 | 50.00 | ug/l | -0.04 |
| 34) 1,4-Difluorobenzene | 8.19 | 114 | 1001848 | 50.00 | ug/l | -0.03 |
| 63) Chlorobenzene-d5 | 12.35 | 117 | 772560 | 50.00 | ug/l | -0.02 |
| 72) 1,4-Dichlorobenzene-d4 | 14.50 | 152 | 377844 | 50.00 | ug/l | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.43 | 65 | 259844 | 53.67 | ug/l | -0.03 |
| Spiked Amount 50.000 | | | Recovery = 107.34% | | | |
| 35) Dibromofluoromethane | 6.89 | 113 | 361995 | 52.25 | ug/l | -0.04 |
| Spiked Amount 50.000 | | | Recovery = 104.50% | | | |
| 50) Toluene-d8 | 10.38 | 98 | 920818 | 55.85 | ug/l | -0.04 |
| Spiked Amount 50.000 | | | Recovery = 111.70% | | | |
| 62) 4-Bromofluorobenzene | 13.54 | 95 | 351001 | 53.08 | ug/l | -0.02 |
| Spiked Amount 50.000 | | | Recovery = 106.16% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.57 | 85 | 254111 | 46.005 | ug/l | 98 |
| 3) Chloromethane | 1.74 | 50 | 197902 | 42.155 | ug/l | 98 |
| 4) Vinyl Chloride | 1.83 | 62 | 200658 | 47.158 | ug/l | 99 |
| 5) Bromomethane | 2.14 | 94 | 60075 | 54.767 | ug/l | 93 |
| 6) Chloroethane | 2.25 | 64 | 82923 | 53.913 | ug/l | 100 |
| 7) Trichlorofluoromethane | 2.51 | 101 | 352999 | 54.868 | ug/l | 99 |
| 8) Diethyl Ether | 2.85 | 74 | 79957 | 46.371 | ug/l | 92 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.13 | 101 | 296356 | 50.005 | ug/l | 99 |
| 10) Methyl Iodide | 3.28 | 142 | 411906 | 46.095 | ug/l | 96 |
| 11) Tert butyl alcohol | 4.03 | 59 | 74541 | 272.502 | ug/l # | 95 |
| 12) 1,1-Dichloroethene | 3.11 | 96 | 243811 | 48.354 | ug/l | 94 |
| 13) Acrolein | 3.02 | 56 | 71545 | 252.080 | ug/l | 92 |
| 14) Allyl chloride | 3.60 | 41 | 349969 | 50.830 | ug/l | 99 |
| 15) Acrylonitrile | 4.16 | 53 | 220402 | 260.204 | ug/l | 97 |
| 16) Acetone | 3.19 | 43 | 343935 | 297.525 | ug/l | 97 |
| 17) Carbon Disulfide | 3.35 | 76 | 656088 | 45.029 | ug/l | 99 |
| 18) Methyl Acetate | 3.62 | 43 | 111528 | 53.342 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 4.21 | 73 | 480829 | 48.062 | ug/l | 94 |
| 20) Methylene Chloride | 3.79 | 84 | 272092 | 48.237 | ug/l | 97 |
| 21) trans-1,2-Dichloroethene | 4.19 | 96 | 260588 | 45.051 | ug/l | 94 |
| 22) Diisopropyl ether | 5.08 | 45 | 755906 | 47.025 | ug/l | 96 |
| 23) Vinyl Acetate | 5.01 | 43 | 2161616 | 258.221 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 4.94 | 63 | 450538 | 46.372 | ug/l | 98 |
| 25) 2-Butanone | 6.04 | 43 | 363077 | 259.054 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 5.99 | 77 | 416586 | 49.149 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 6.00 | 96 | 300130 | 45.611 | ug/l | 98 |
| 28) Bromochloromethane | 6.40 | 49 | 172699 | 46.456 | ug/l | 99 |
| 29) Tetrahydrofuran | 6.42 | 42 | 158678 | 229.775 | ug/l | 96 |
| 30) Chloroform | 6.64 | 83 | 522565 | 47.354 | ug/l | 99 |
| 31) Cyclohexane | 6.92 | 56 | 339656 | 47.099 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 6.83 | 97 | 449098 | 46.773 | ug/l | 97 |
| 36) 1,1-Dichloropropene | 7.12 | 75 | 399993 | 51.245 | ug/l | 98 |
| 37) Ethyl Acetate | 6.15 | 43 | 160399 | 48.223 | ug/l | 98 |
| 38) Carbon Tetrachloride | 7.08 | 117 | 495401m | 50.087 | ug/l | |

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050119\
Data File : VD062096.D
Acq On : 1 May 2019 11:47
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Quant Time: May 02 01:00:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 08:37:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 8.83 | 83 | 399538 | 51.881 ug/l | | 96 |
| 40) Benzene | 7.43 | 78 | 916946 | 47.452 ug/l | | 97 |
| 41) Methacrylonitrile | 6.40 | 41 | 185875 | 47.894 ug/l | # | 94 |
| 42) 1,2-Dichloroethane | 7.54 | 62 | 342916 | 52.265 ug/l | | 97 |
| 43) Isopropyl Acetate | 9.21 | 43 | 239144 | 49.206 ug/l | | 100 |
| 44) Trichloroethene | 8.51 | 130 | 359538 | 47.993 ug/l | | 99 |
| 45) 1,2-Dichloropropane | 8.91 | 63 | 235873 | 48.115 ug/l | | 97 |
| 46) Dibromomethane | 9.04 | 93 | 165550 | 46.932 ug/l | | 93 |
| 47) Bromodichloromethane | 9.35 | 83 | 420665 | 50.471 ug/l | | 99 |
| 48) Methyl methacrylate | 9.09 | 41 | 137446 | 49.568 ug/l | | 95 |
| 49) 1,4-Dioxane | 9.05 | 88 | 29747 | 995.037 ug/l | | 96 |
| 51) 4-Methyl-2-Pentanone | 10.27 | 43 | 735685 | 247.523 ug/l | | 98 |
| 52) Toluene | 10.48 | 92 | 626116 | 50.817 ug/l | | 96 |
| 53) t-1,3-Dichloropropene | 10.89 | 75 | 355399 | 50.800 ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 10.01 | 75 | 450900 | 52.991 ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 11.17 | 97 | 190613 | 46.081 ug/l | | 97 |
| 56) Ethyl methacrylate | 11.02 | 69 | 229906 | 50.184 ug/l | | 96 |
| 57) 1,3-Dichloropropane | 11.38 | 76 | 311308 | 48.728 ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 9.84 | 63 | 473130 | 222.130 ug/l | | 99 |
| 59) 2-Hexanone | 11.51 | 43 | 600291 | 269.241 ug/l | | 98 |
| 60) Dibromochloromethane | 11.66 | 129 | 341704 | 49.925 ug/l | | 98 |
| 61) 1,2-Dibromoethane | 11.79 | 107 | 241469 | 49.210 ug/l | | 95 |
| 64) Tetrachloroethene | 11.24 | 164 | 282880 | 51.329 ug/l | | 98 |
| 65) Chlorobenzene | 12.38 | 112 | 722534 | 49.493 ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 12.50 | 131 | 319567 | 51.606 ug/l | | 98 |
| 67) Ethyl Benzene | 12.51 | 91 | 1194668 | 50.138 ug/l | | 100 |
| 68) m/p-Xylenes | 12.65 | 106 | 815533 | 94.698 ug/l | | 98 |
| 69) o-Xylene | 13.04 | 106 | 383922 | 48.723 ug/l | | 96 |
| 70) Styrene | 13.06 | 104 | 712378 | 52.359 ug/l | | 99 |
| 71) Bromoform | 13.21 | 173 | 196769 | 55.736 ug/l | | 99 |
| 73) Isopropylbenzene | 13.39 | 105 | 1080530 | 42.870 ug/l | | 97 |
| 74) N-amyl acetate | 13.25 | 43 | 314245 | 48.411 ug/l | | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 13.69 | 83 | 242185 | 49.033 ug/l | | 96 |
| 76) 1,2,3-Trichloropropane | 13.72 | 75 | 243529 | 50.756 ug/l | | 97 |
| 77) Bromobenzene | 13.66 | 156 | 346881 | 47.975 ug/l | | 96 |
| 78) n-propylbenzene | 13.76 | 91 | 1294334 | 44.859 ug/l | | 97 |
| 79) 2-Chlorotoluene | 13.82 | 91 | 771583 | 44.148 ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 13.92 | 105 | 825188 | 41.059 ug/l | | 98 |
| 81) trans-1,4-Dichloro-2-buten | 13.46 | 75 | 68911 | 47.394 ug/l | | 98 |
| 82) 4-Chlorotoluene | 13.93 | 91 | 843045 | 43.801 ug/l | | 96 |
| 83) tert-Butylbenzene | 14.18 | 119 | 1109025 | 47.635 ug/l | | 94 |
| 84) 1,2,4-Trimethylbenzene | 14.23 | 105 | 951795 | 49.599 ug/l | | 99 |
| 85) sec-Butylbenzene | 14.36 | 105 | 1246422 | 49.548 ug/l | | 96 |
| 86) p-Isopropyltoluene | 14.47 | 119 | 1028246 | 45.671 ug/l | | 95 |
| 87) 1,3-Dichlorobenzene | 14.44 | 146 | 588496 | 46.478 ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 14.52 | 146 | 565390 | 47.747 ug/l | | 94 |
| 89) n-Butylbenzene | 14.79 | 91 | 929509 | 45.987 ug/l | | 97 |
| 90) Hexachloroethane | 15.00 | 117 | 293853 | 48.268 ug/l | | 97 |
| 91) 1,2-Dichlorobenzene | 14.80 | 146 | 465056 | 44.526 ug/l | | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 15.37 | 75 | 33598 | 46.250 ug/l | | 89 |

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050119\
Data File : VD062096.D
Acq On : 1 May 2019 11:47
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Quant Time: May 02 01:00:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 08:37:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.93 | 180 | 259257 | 46.004 | ug/l | 96 |
| 94) Hexachlorobutadiene | 16.03 | 225 | 192639 | 46.192 | ug/l | 99 |
| 95) Naphthalene | 16.11 | 128 | 436038 | 47.921 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 16.26 | 180 | 157343 | 49.208 | ug/l | 98 |

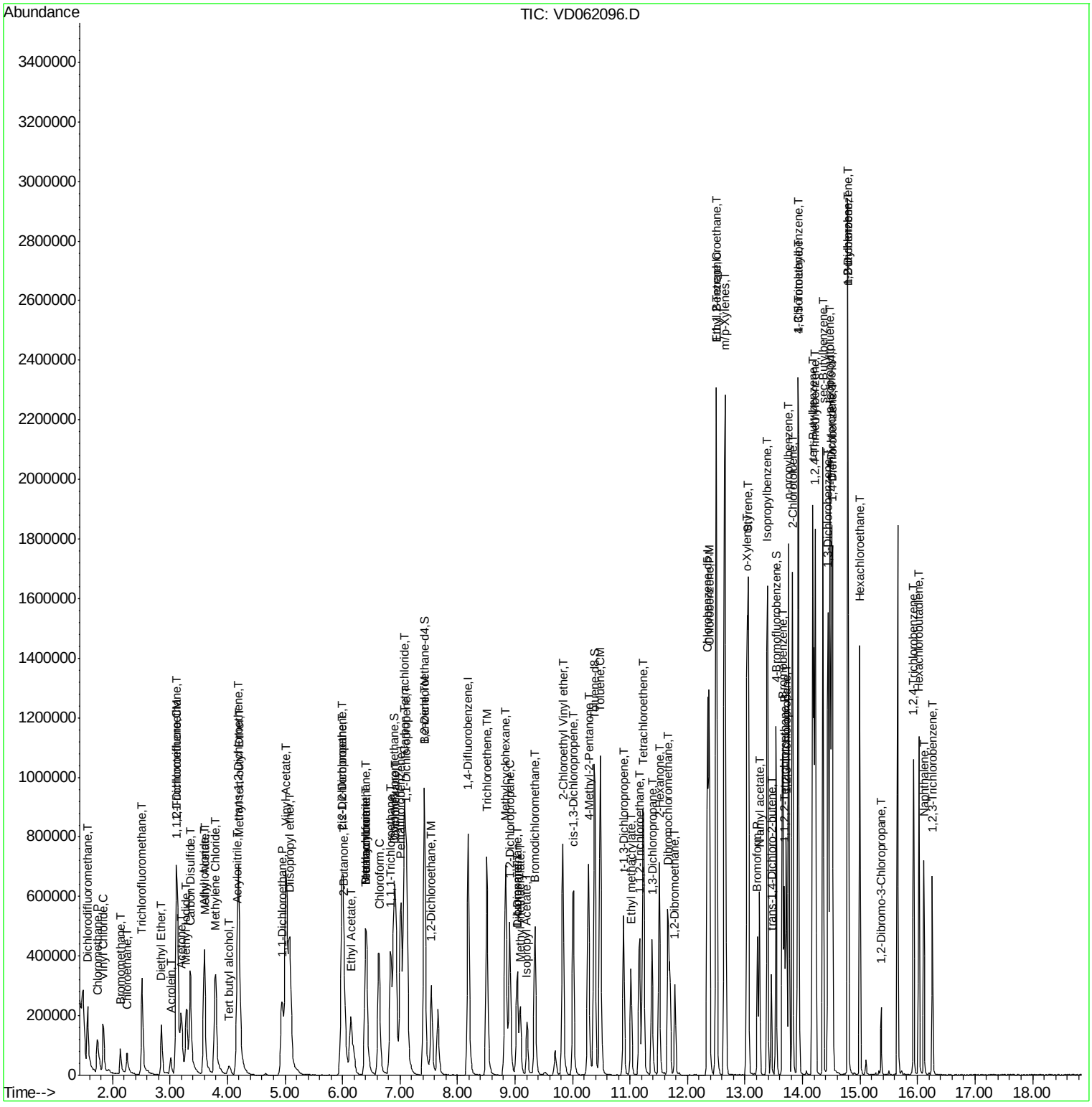
(#) = qualifier out of range (m) = manual integration (+) = signals summed

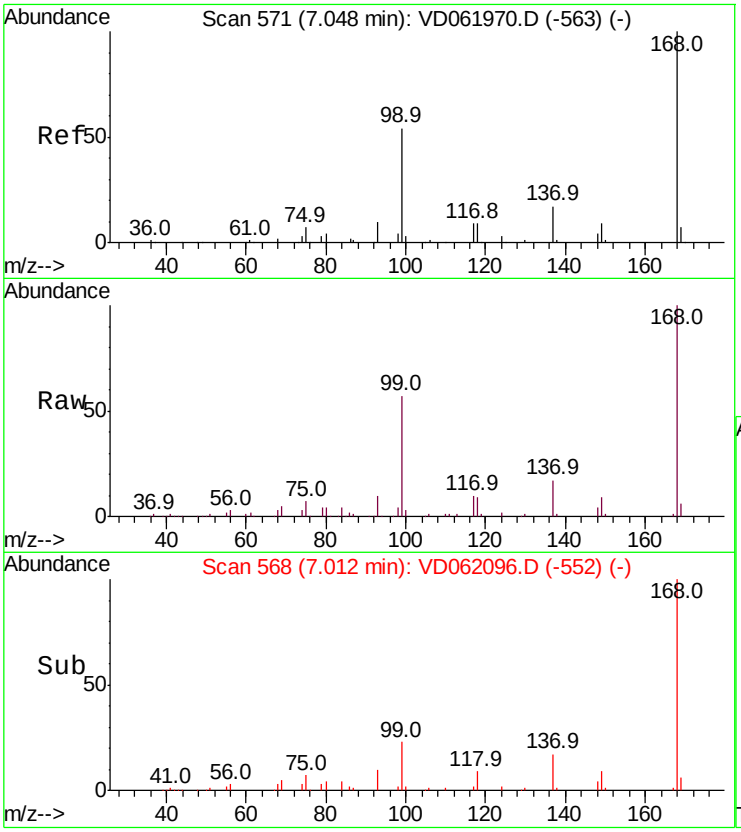
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050119\
Data File : VD062096.D
Acq On : 1 May 2019 11:47
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Quant Time: May 02 01:00:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 08:37:17 2019
Response via : Initial Calibration



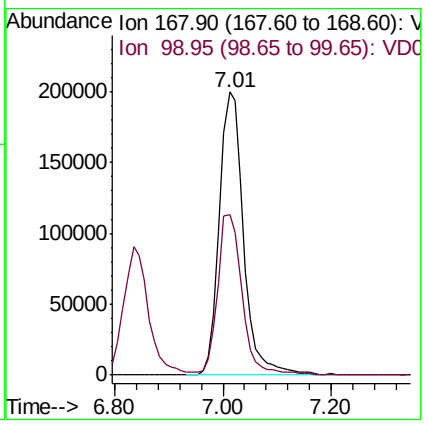


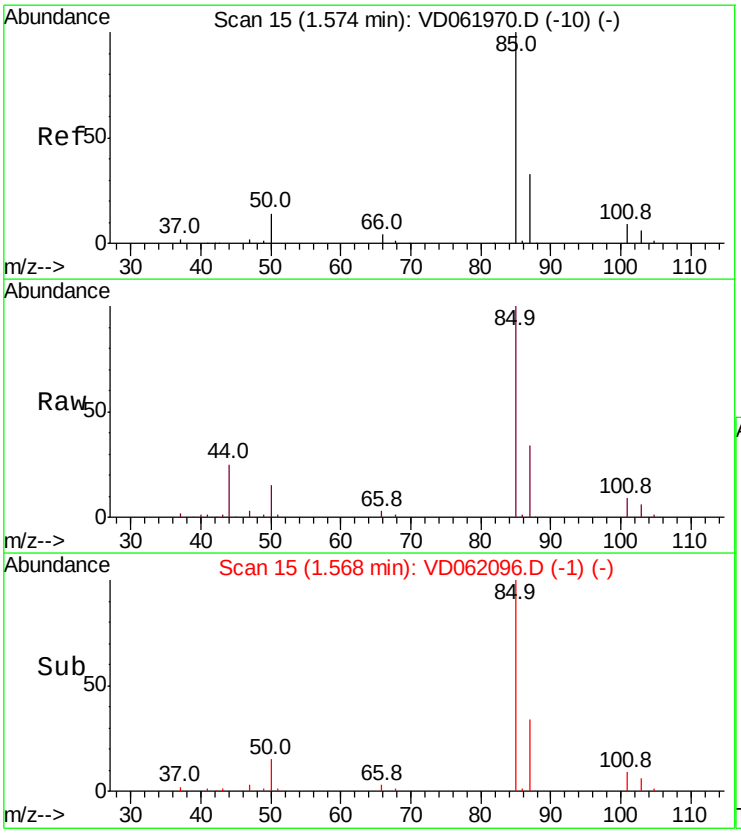

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.01 min Scan# 568
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion:168 Resp: 618588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 56.5 | 46.5 | 69.7 |

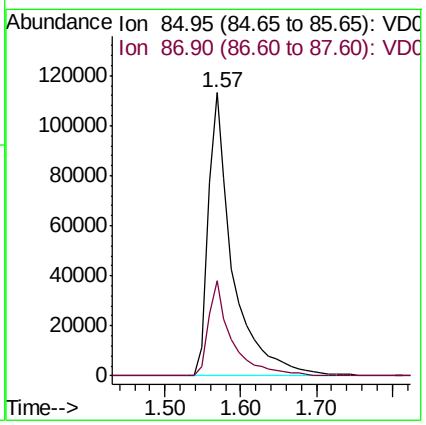


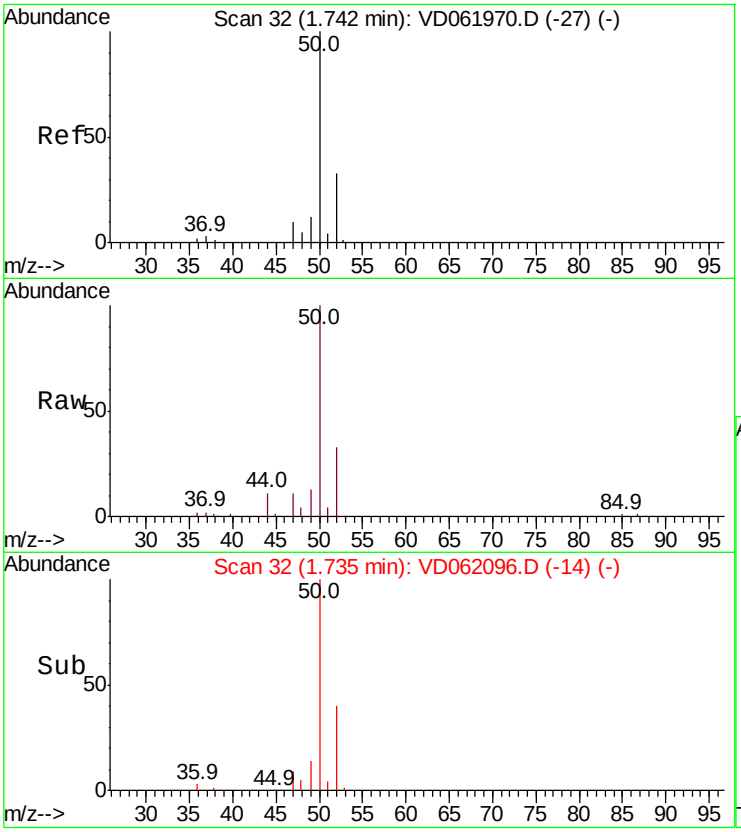




#2
Dichlorodifluoromethane
Concen: 46.005 ug/l
RT: 1.57 min Scan# 15
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 85 Resp: 254111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.7 | 16.2 | 48.6 |



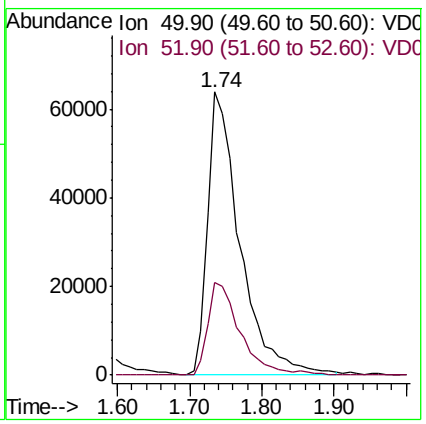


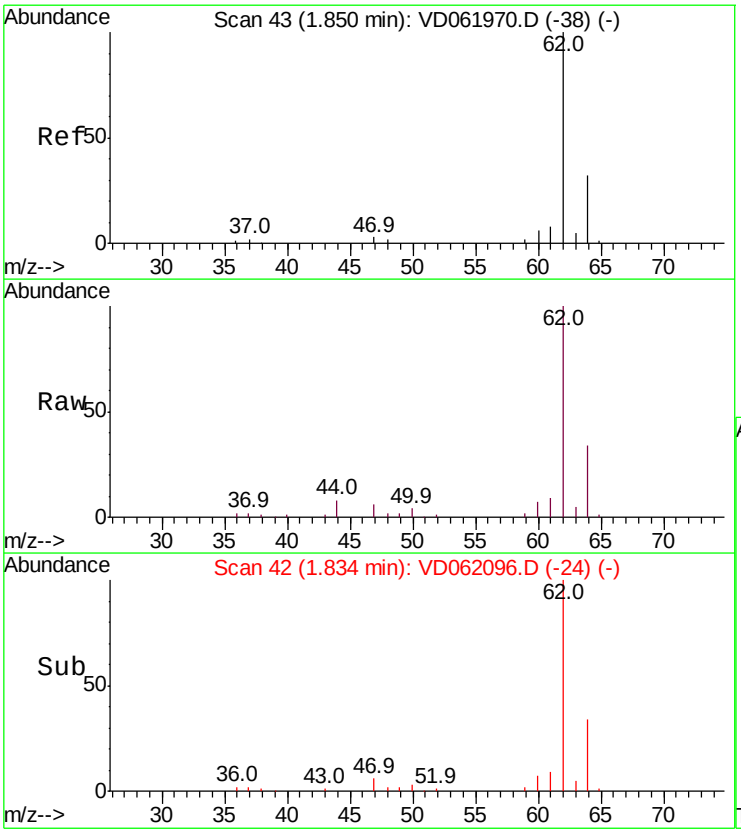

#3
Chloromethane
Concen: 42.155 ug/l
RT: 1.74 min Scan# 32
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 50 Resp: 197902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.9 | 25.2 | 37.8 |

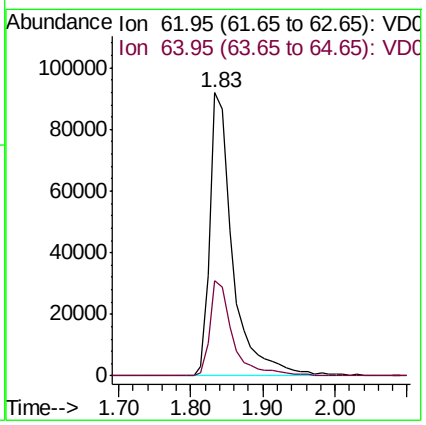


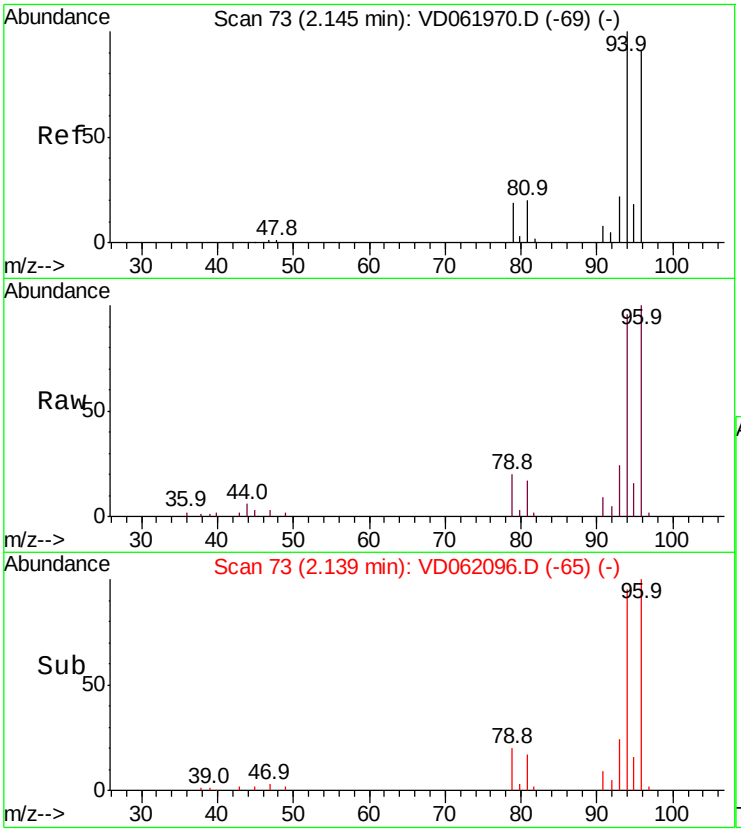




#4
Vinyl Chloride
Concen: 47.158 ug/l
RT: 1.83 min Scan# 42
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 62 Resp: 200658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 33.8 | 26.5 | 39.7 |



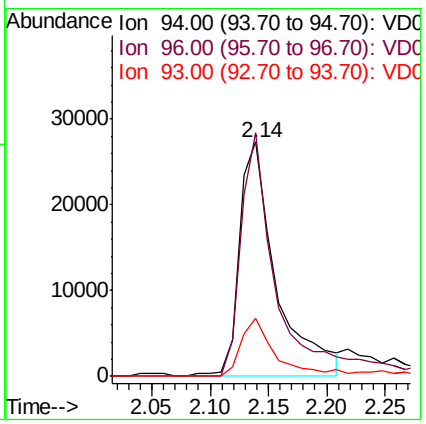


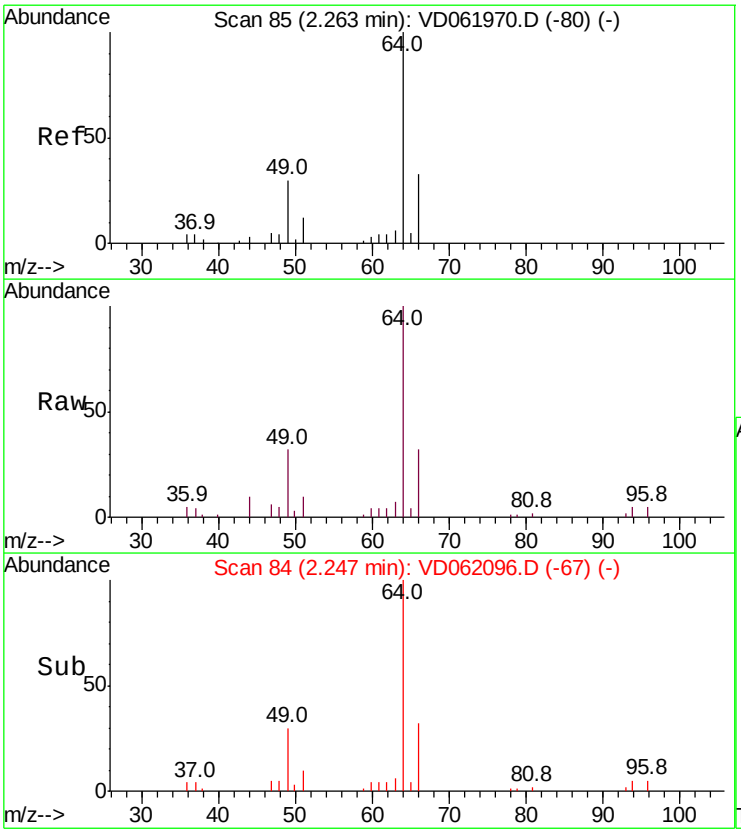

#5
Bromomethane
Concen: 54.767 ug/l
RT: 2.14 min Scan# 73
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 94 Resp: 60075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 103.9 | 76.6 | 115.0 |
| 93 | 24.6 | 18.5 | 27.7 |

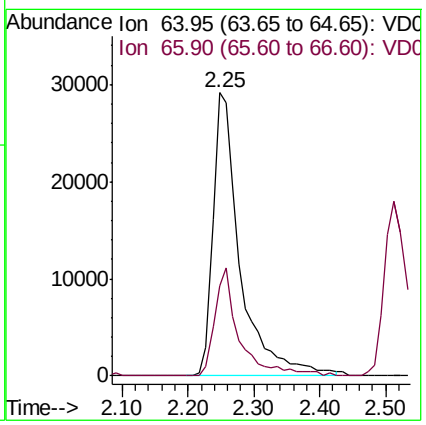


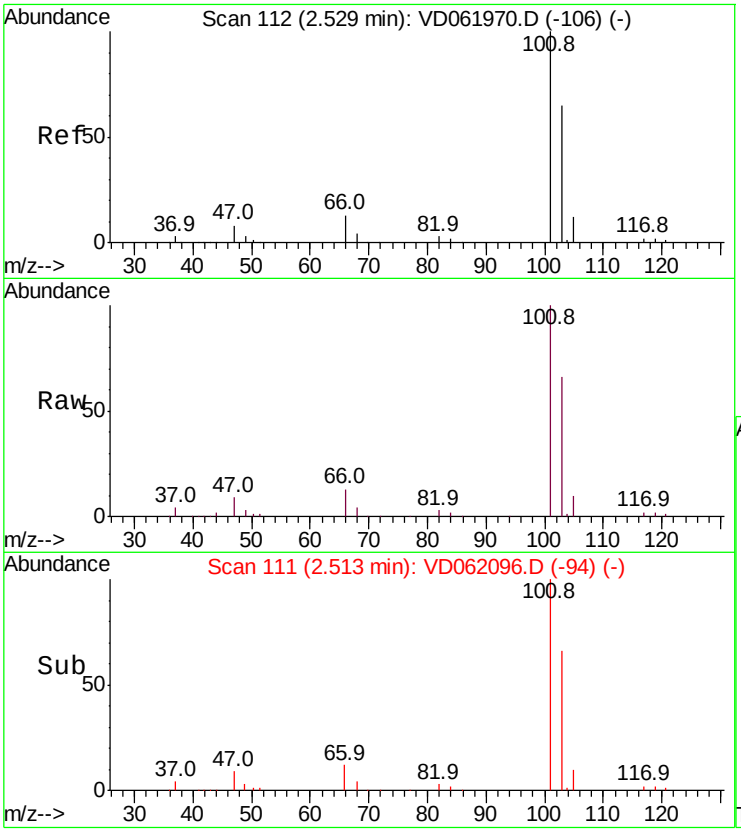




#6
Chloroethane
Concen: 53.913 ug/l
RT: 2.25 min Scan# 84
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 64 Resp: 82923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.7 | 25.6 | 38.4 |



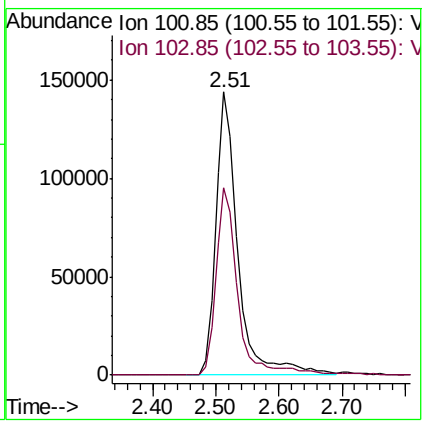


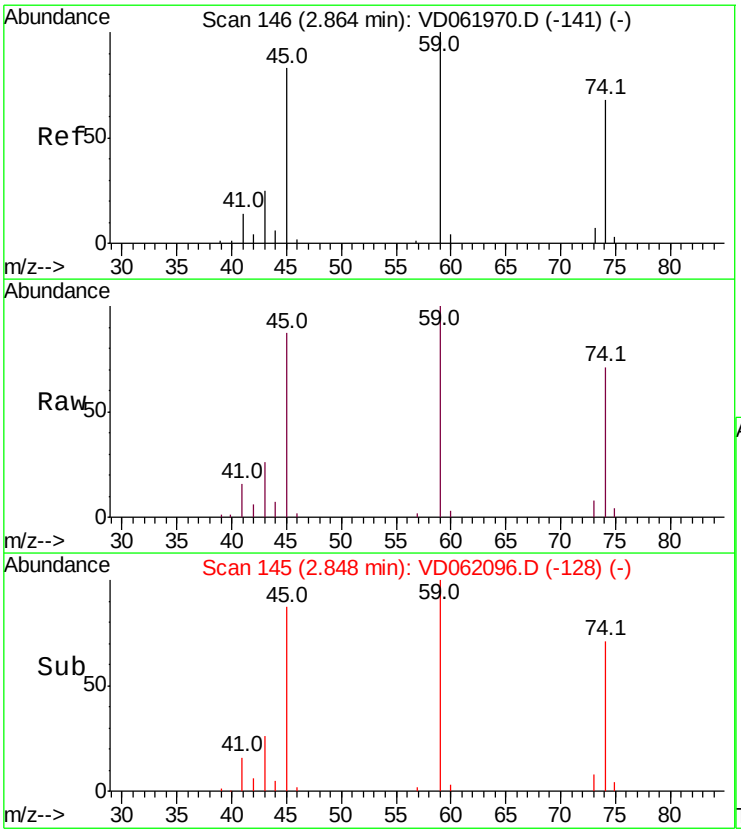

#7
Trichlorofluoromethane
Concen: 54.868 ug/l
RT: 2.51 min Scan# 111
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:101 Resp: 352999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 66.1 | 53.6 | 80.4 |

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

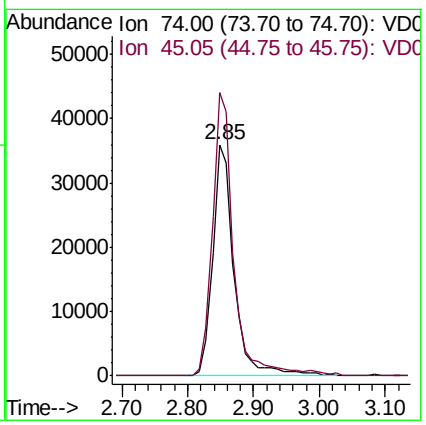


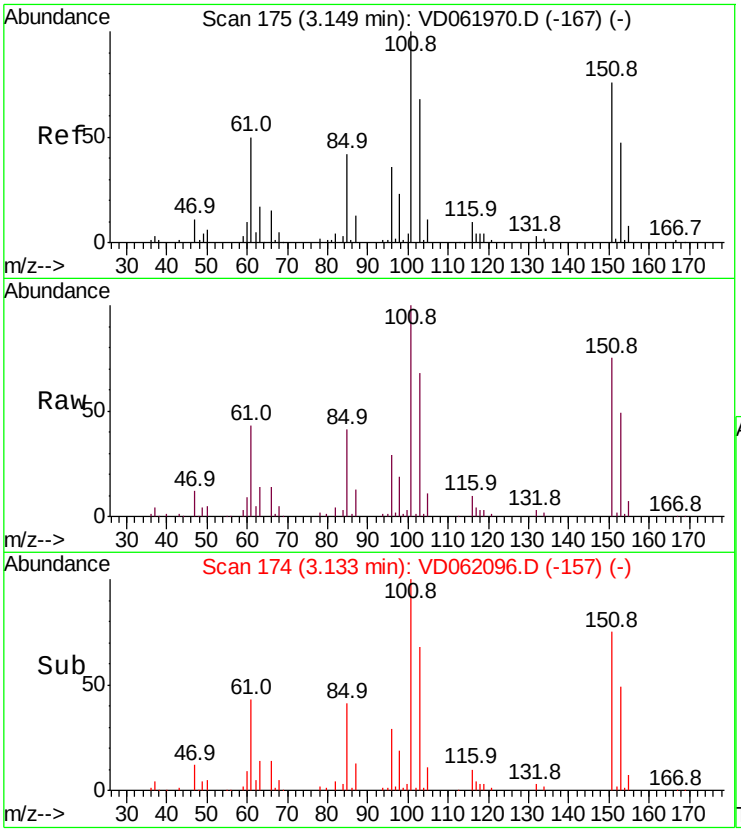




#8
Diethyl Ether
Concen: 46.371 ug/l
RT: 2.85 min Scan# 145
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 74 Resp: 79957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 122.5 | 56.9 | 170.7 |



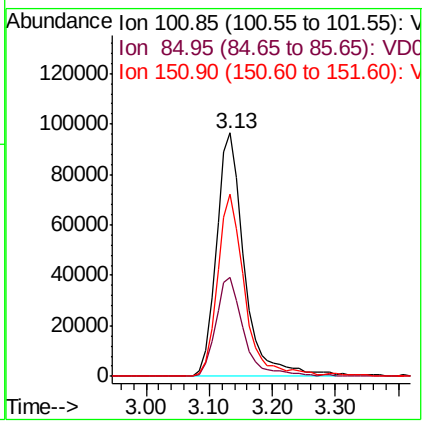


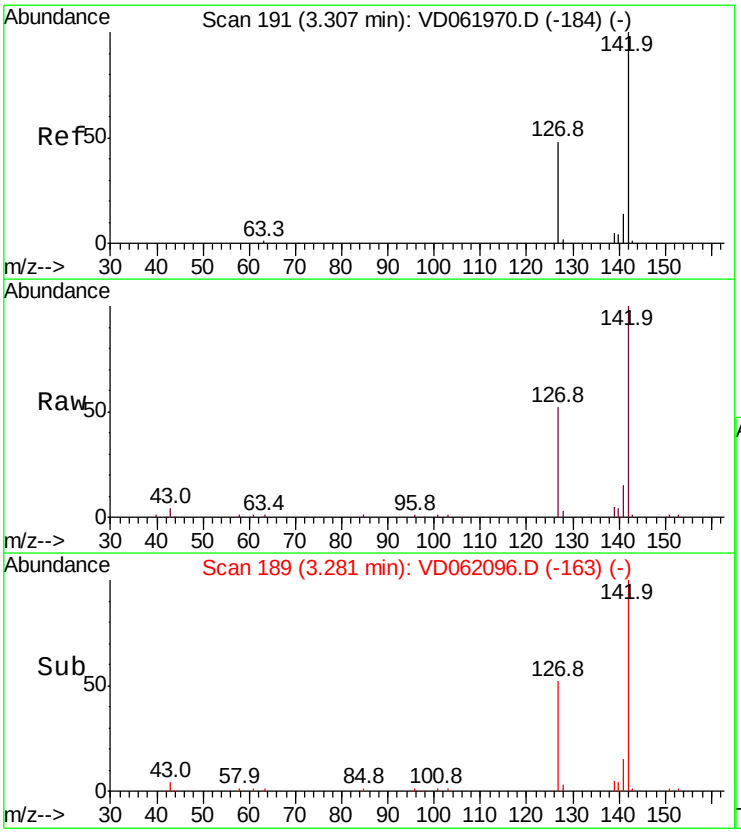

#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.005 ug/l
RT: 3.13 min Scan# 174
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion:101 Resp: 296356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 40.9 | 32.4 | 48.6 |
| 151 | 75.0 | 59.4 | 89.0 |

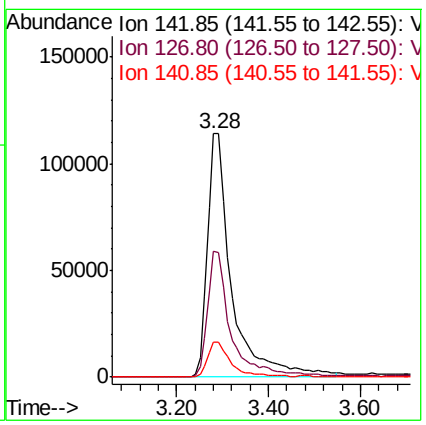


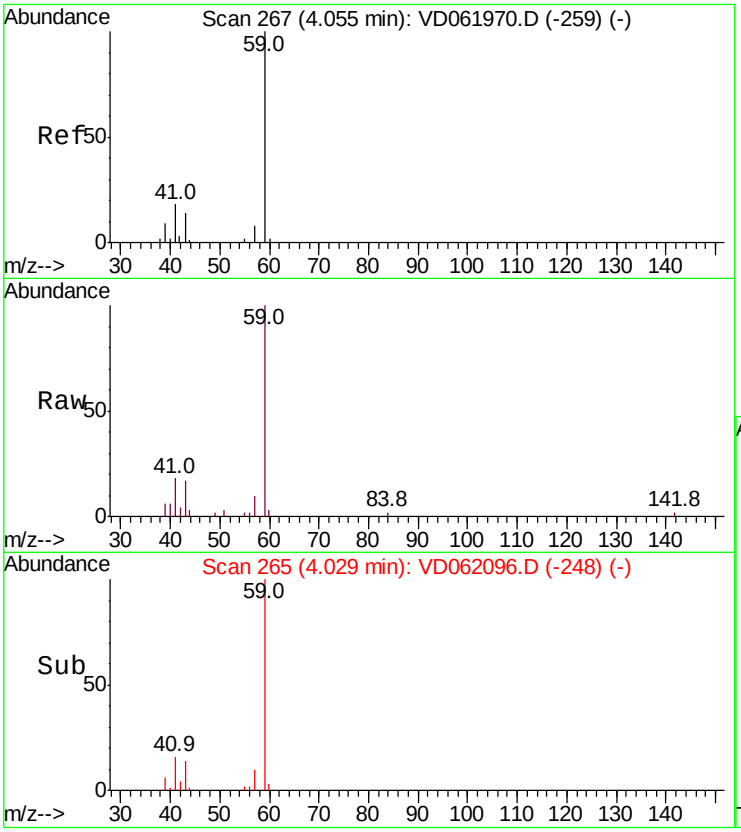




#10
Methyl Iodide
Concen: 46.095 ug/l
RT: 3.28 min Scan# 189
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:142 Resp: 411906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 51.6 | 38.8 | 58.2 |
| 141 | 14.5 | 11.4 | 17.0 |



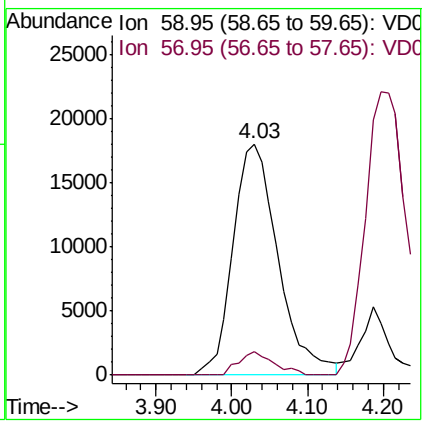


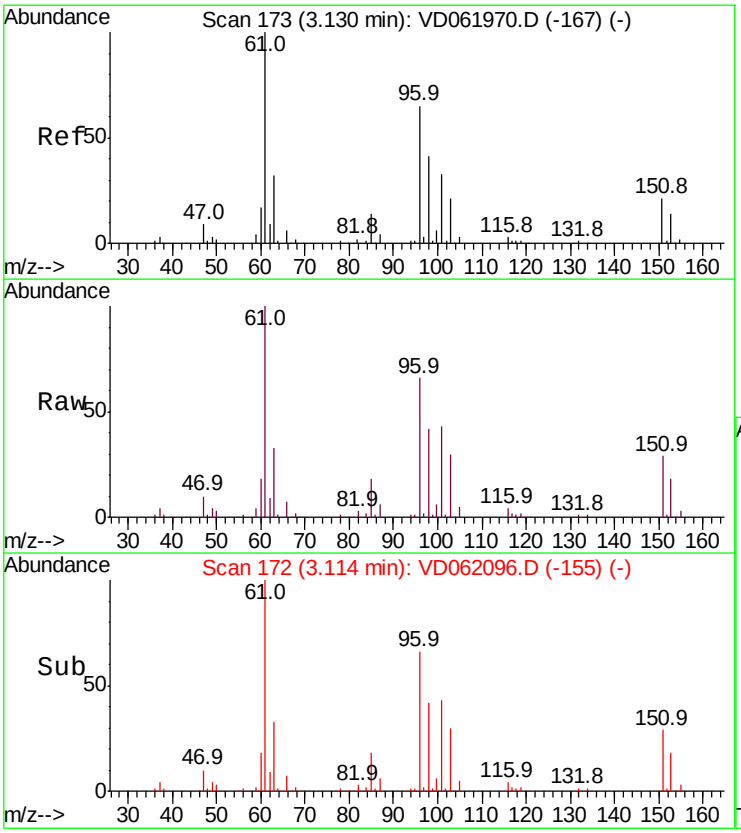

#11
Tert butyl alcohol
Concen: 272.502 ug/l
RT: 4.03 min Scan# 265
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion: 59 Resp: 74541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.3 | 6.9 | 10.3# |

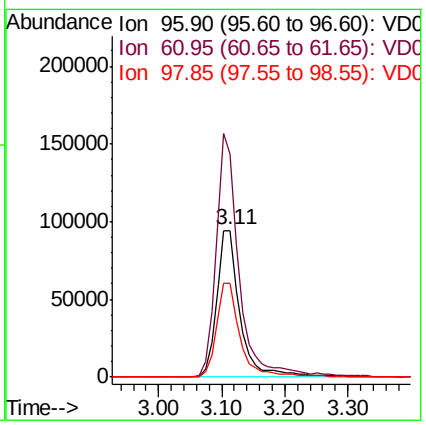


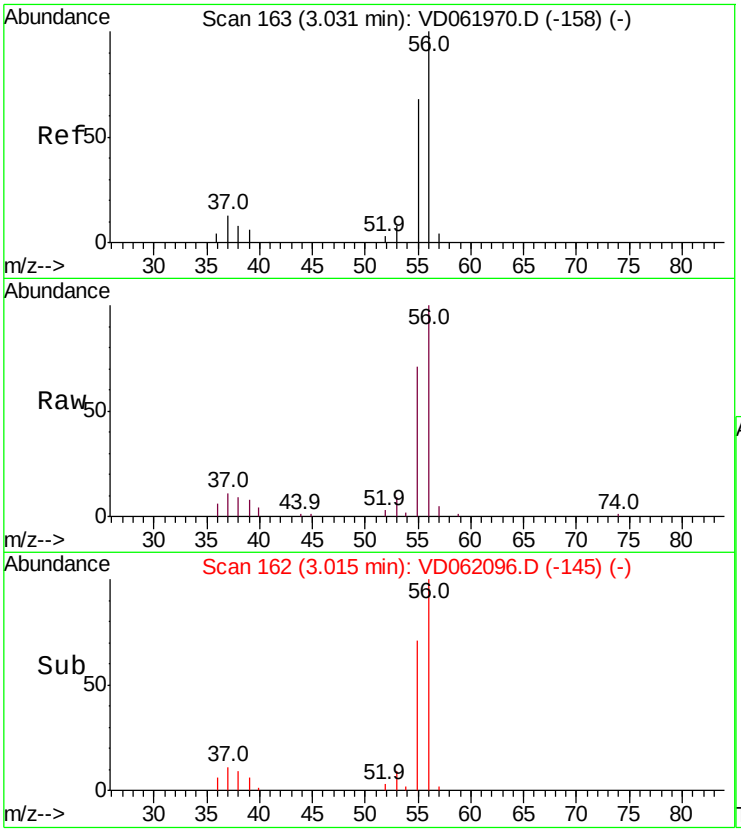




#12
1,1-Dichloroethene
Concen: 48.354 ug/l
RT: 3.11 min Scan# 172
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 96 Resp: 243811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 151.7 | 129.8 | 194.8 |
| 98 | 63.8 | 51.2 | 76.8 |



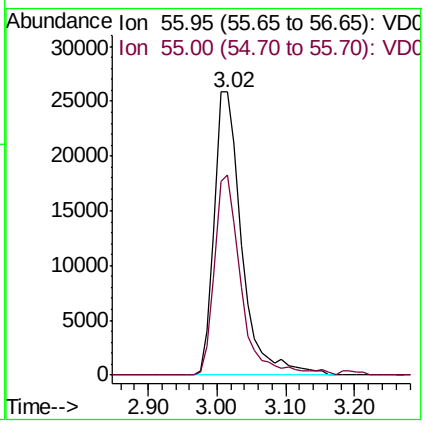


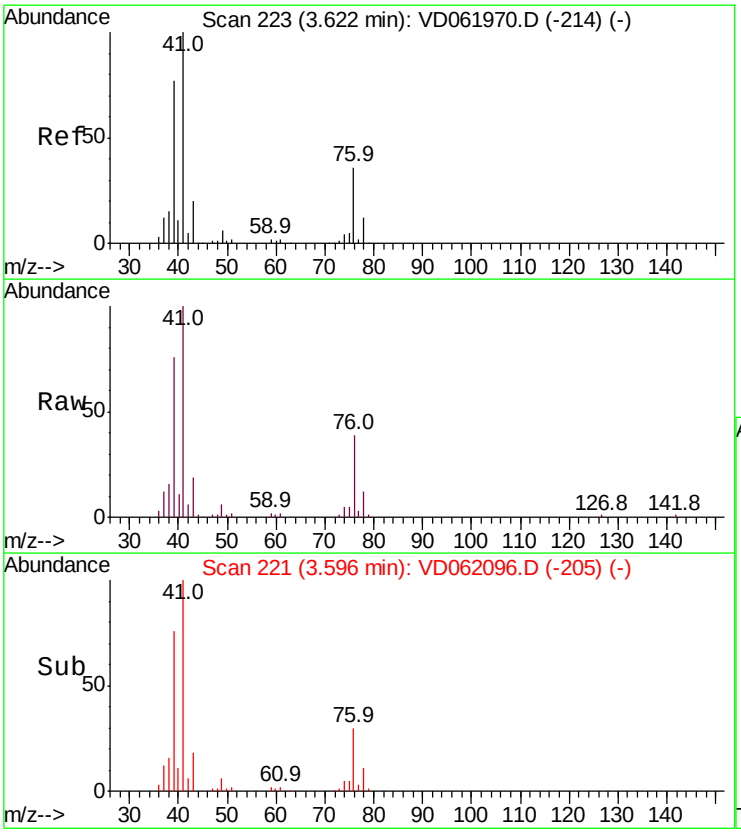

#13
Acrolein
Concen: 252.080 ug/l
RT: 3.02 min Scan# 162
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 56 Resp: 71545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.7 | 51.4 | 77.2 |

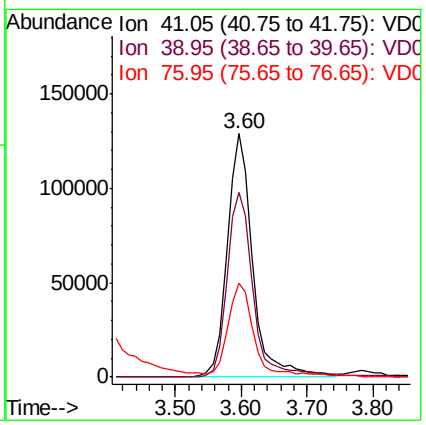


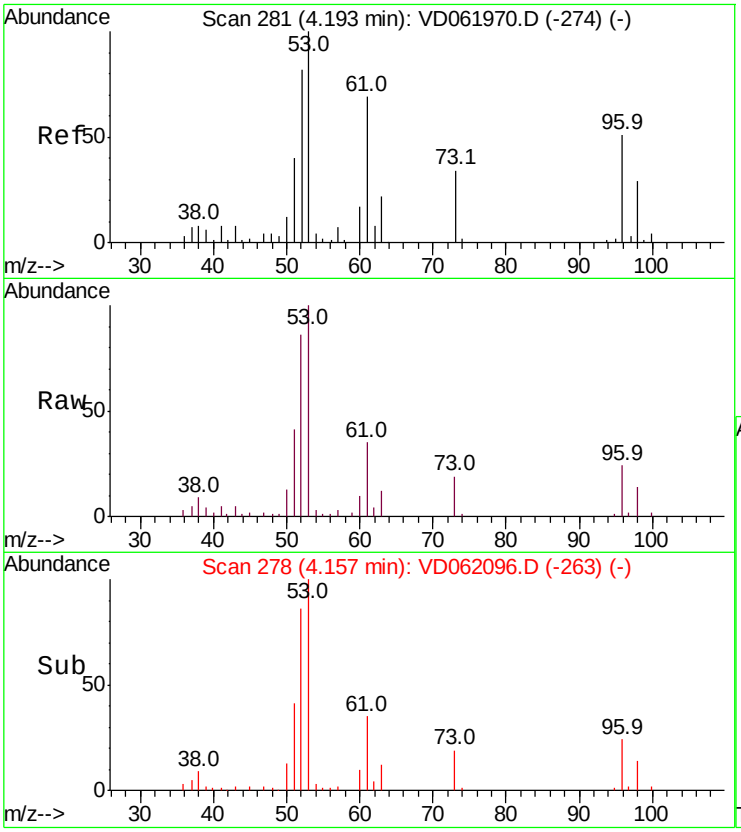




#14
Allyl chloride
Concen: 50.830 ug/l
RT: 3.60 min Scan# 221
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 41 Resp: 349969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 76.0 | 60.5 | 90.7 |
| 76 | 38.6 | 31.8 | 47.8 |



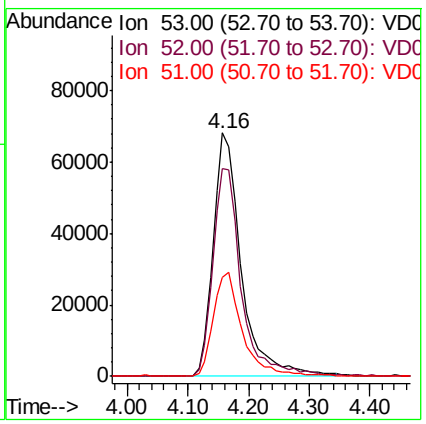


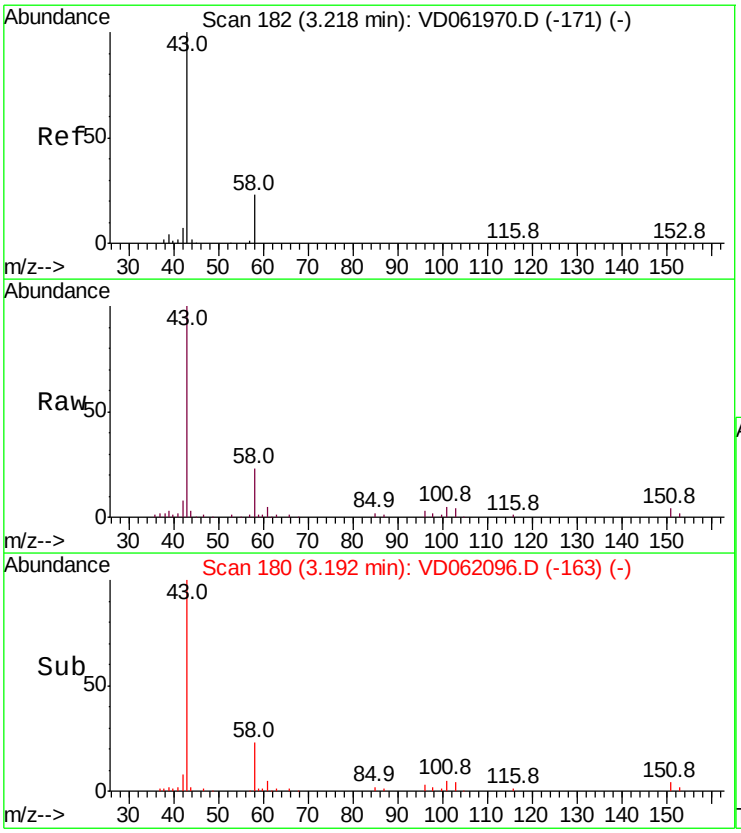

#15
Acrylonitrile
Concen: 260.204 ug/l
RT: 4.16 min Scan# 278
Delta R.T. -0.05 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 53 Resp: 220402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 85.5 | 65.0 | 97.4 |
| 51 | 40.9 | 32.6 | 48.8 |

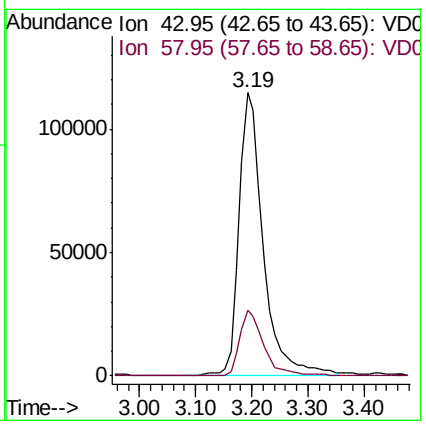


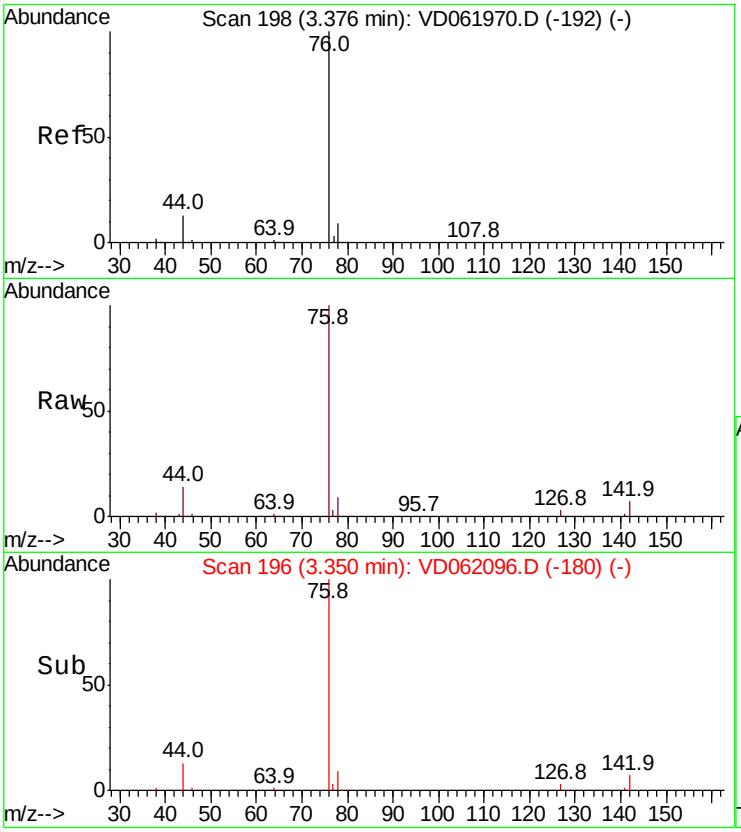




#16
Acetone
Concen: 297.525 ug/l
RT: 3.19 min Scan# 180
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 43 Resp: 343935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 23.3 | 19.9 | 29.9 |



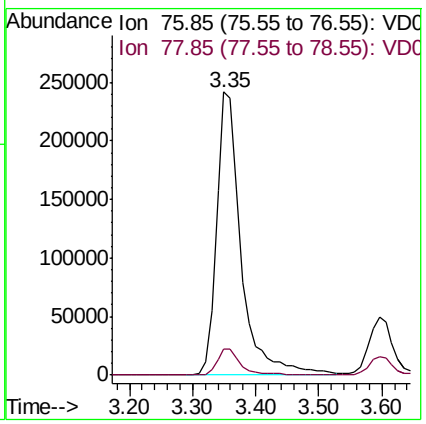


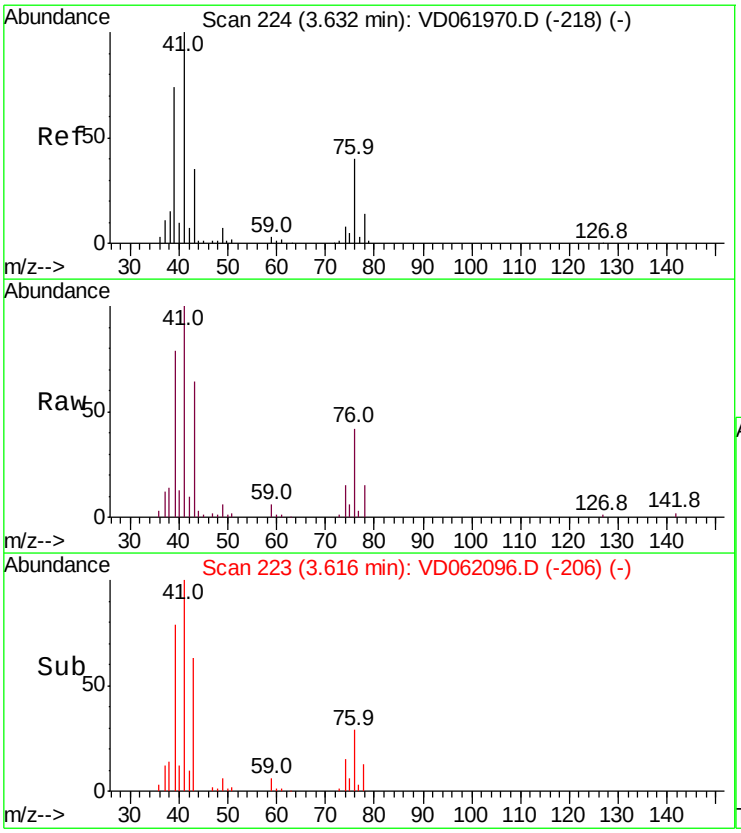

#17
Carbon Disulfide
Concen: 45.029 ug/l
RT: 3.35 min Scan# 196
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 76 Resp: 656088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 7.2 | 10.8 |

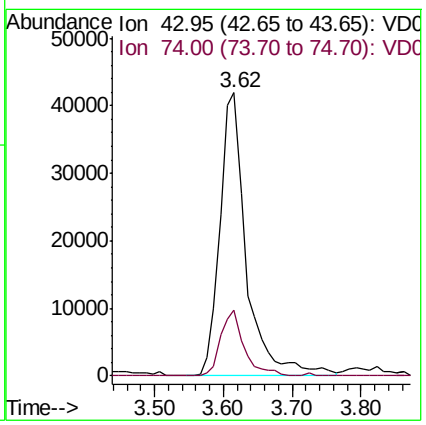


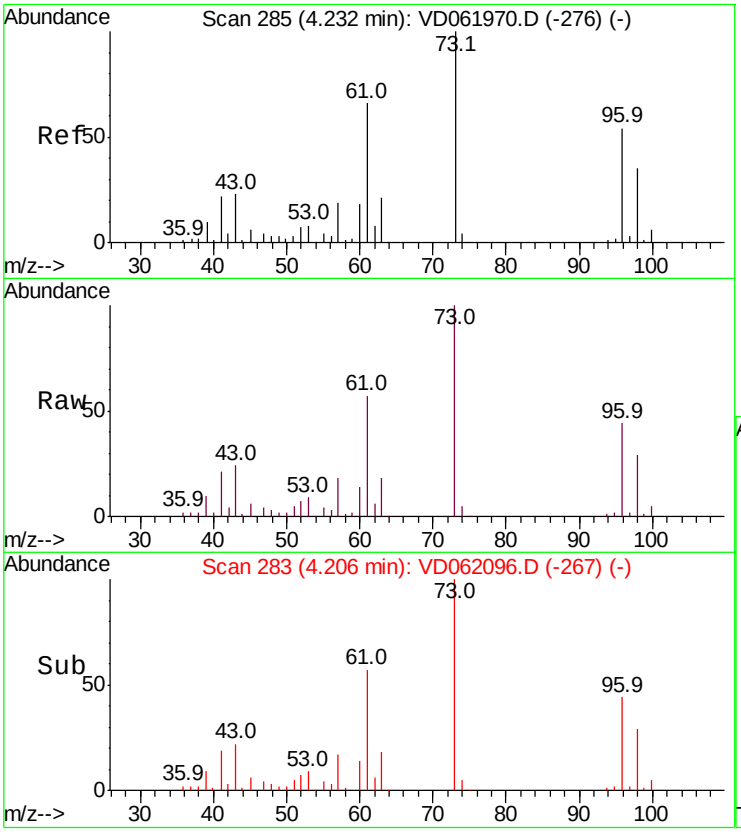




#18
Methyl Acetate
Concen: 53.342 ug/l
RT: 3.62 min Scan# 223
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 43 Resp: 111528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.2 | 18.0 | 27.0 |



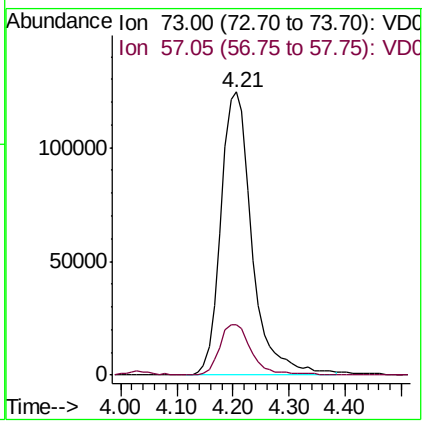


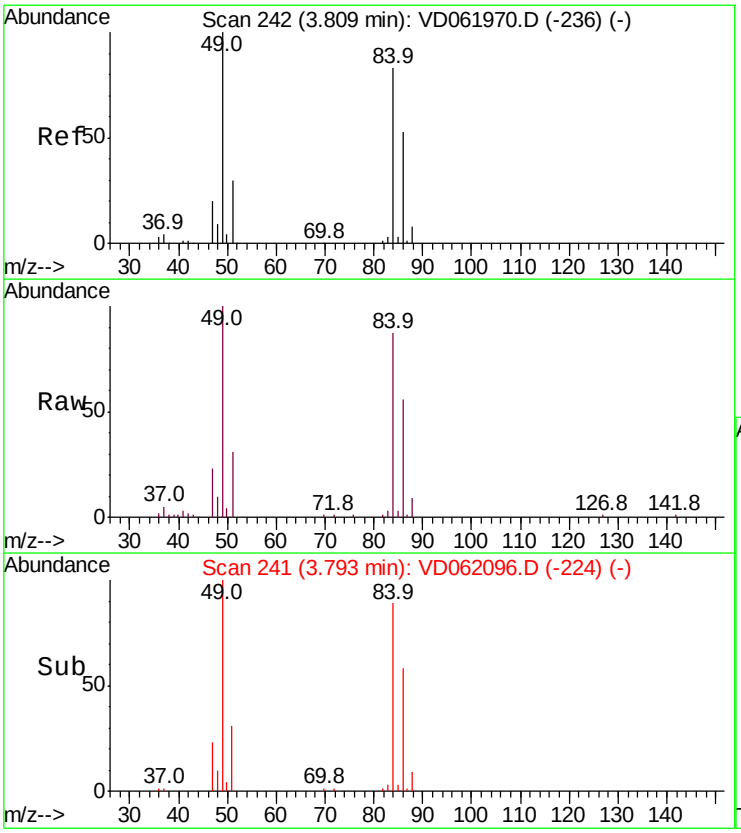

#19
Methyl tert-butyl Ether
Concen: 48.062 ug/l
RT: 4.21 min Scan# 283
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 73 Resp: 480829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 17.7 | 16.3 | 24.5 |

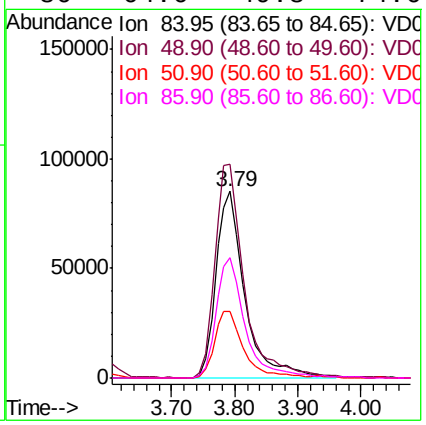


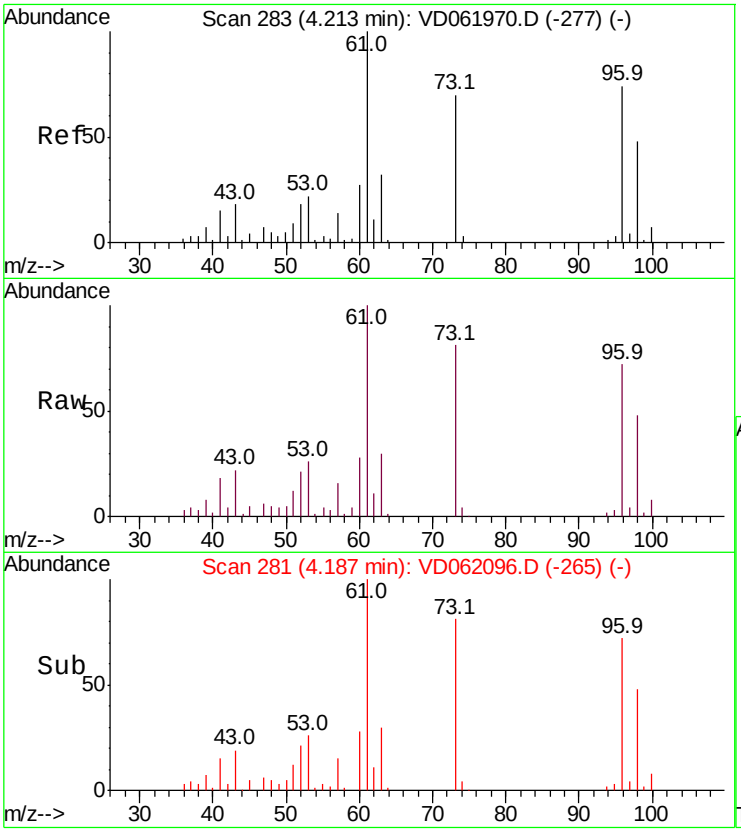




#20
Methylene Chloride
Concen: 48.237 ug/l
RT: 3.79 min Scan# 241
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 84 Resp: 272092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 114.5 | 94.0 | 141.0 |
| 51 | 35.5 | 29.0 | 43.4 |
| 86 | 64.6 | 49.8 | 74.6 |



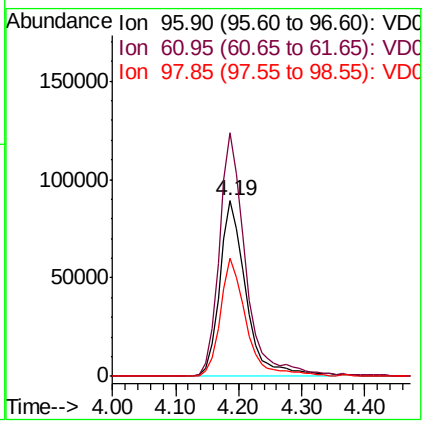


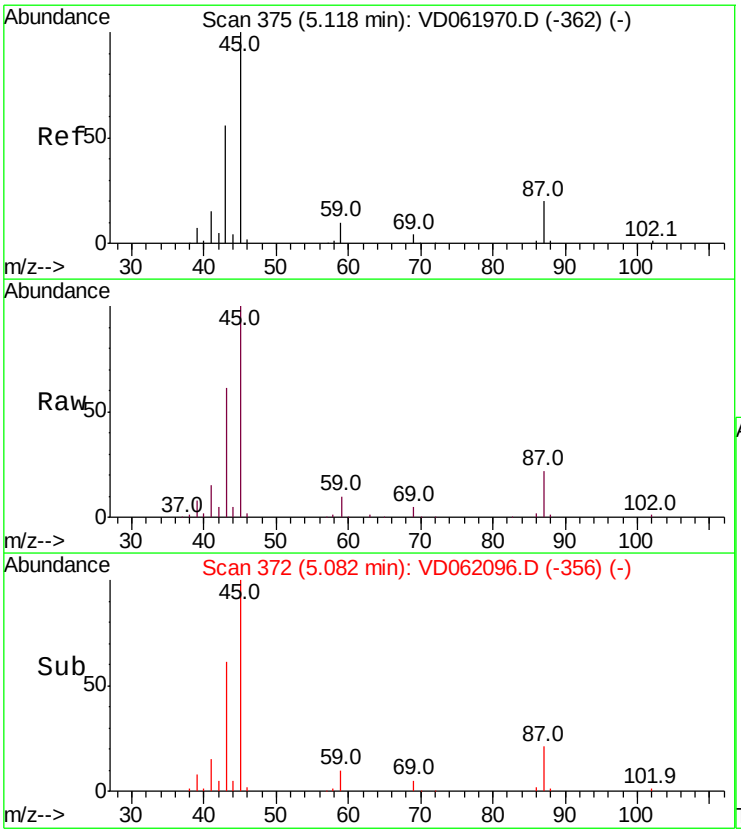

#21
trans-1,2-Dichloroethene
Concen: 45.051 ug/l
RT: 4.19 min Scan# 281
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 96 Resp: 260588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 139.0 | 104.4 | 156.6 |
| 98 | 67.2 | 51.8 | 77.8 |

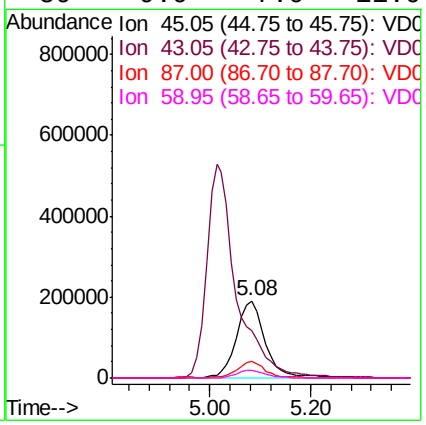


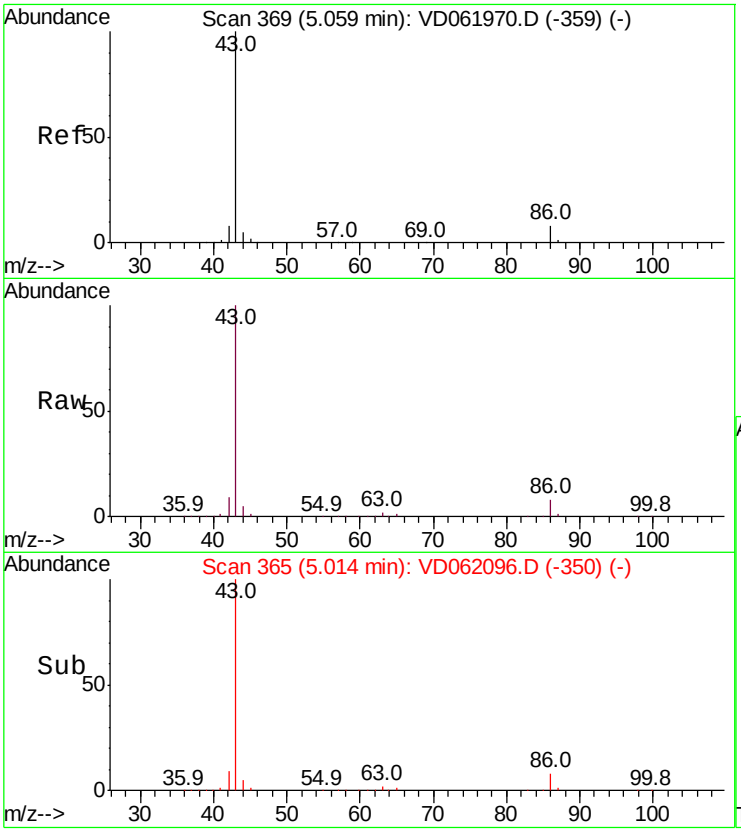




#22
Diisopropyl ether
Concen: 47.025 ug/l
RT: 5.08 min Scan# 372
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 45 Resp: 755906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 61.5 | 46.2 | 69.2 |
| 87 | 21.8 | 15.9 | 23.9 |
| 59 | 9.9 | 7.9 | 11.9 |



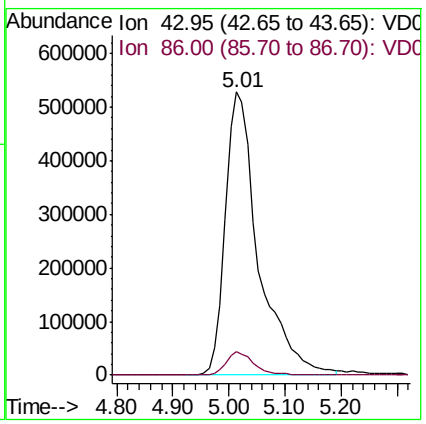


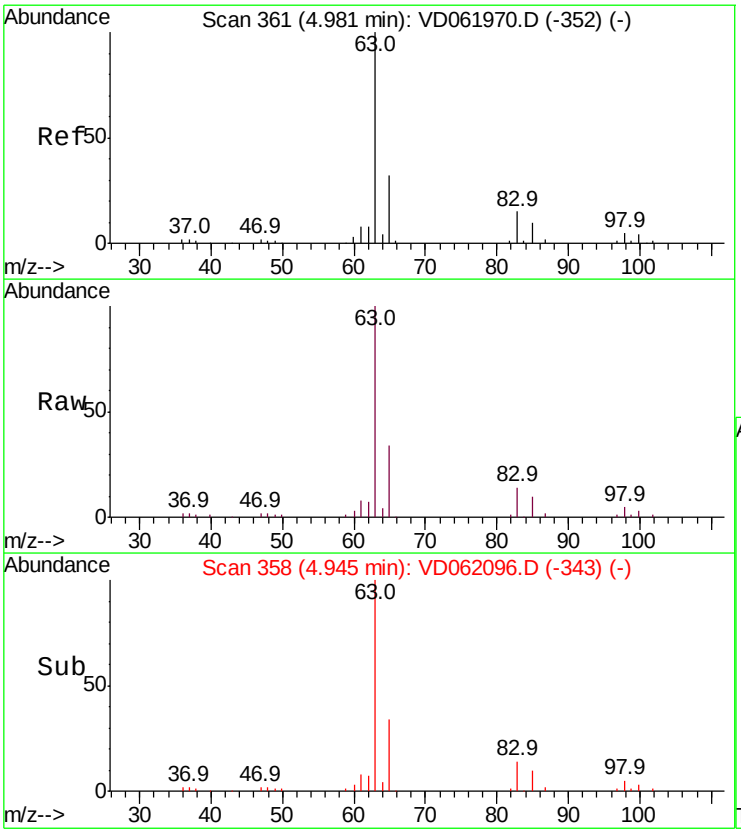

#23
Vinyl Acetate
Concen: 258.221 ug/l
RT: 5.01 min Scan# 365
Delta R.T. -0.05 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion: 43 Resp: 2161616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.5 | 6.4 | 9.6 |

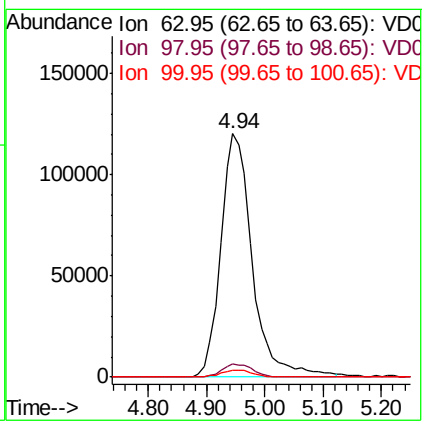


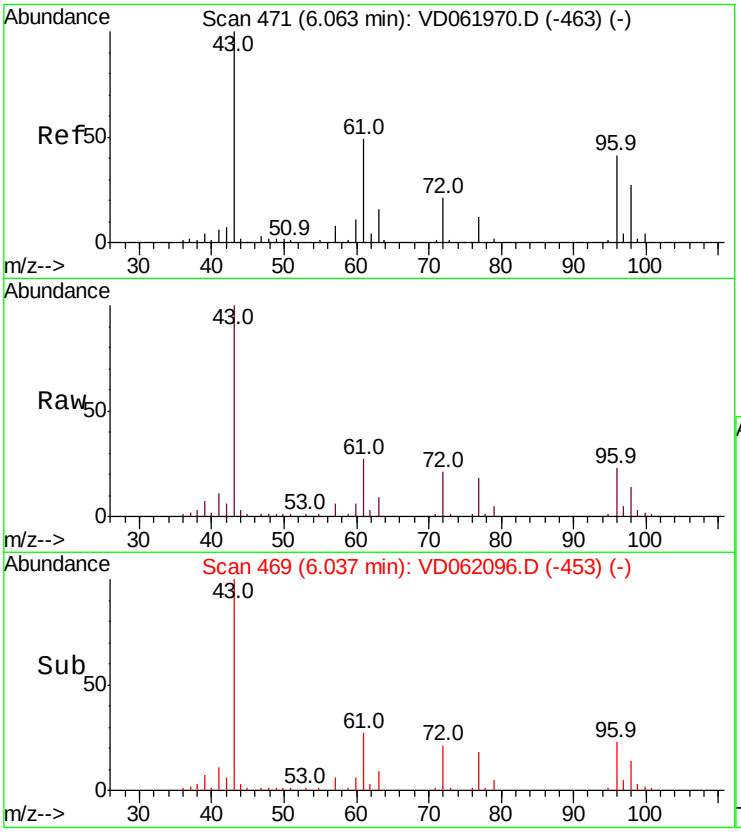




#24
1,1-Dichloroethane
Concen: 46.372 ug/l
RT: 4.94 min Scan# 358
Delta R.T. -0.05 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 63 Resp: 450538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.3 | 2.8 | 8.4 |
| 100 | 2.8 | 1.8 | 5.5 |



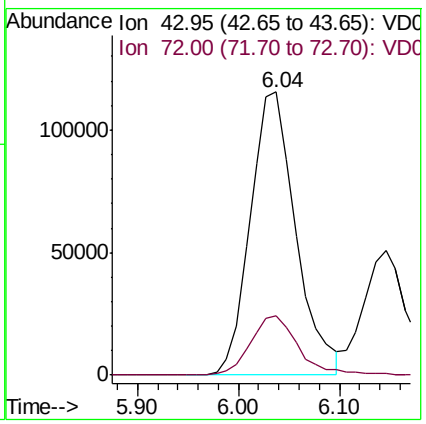


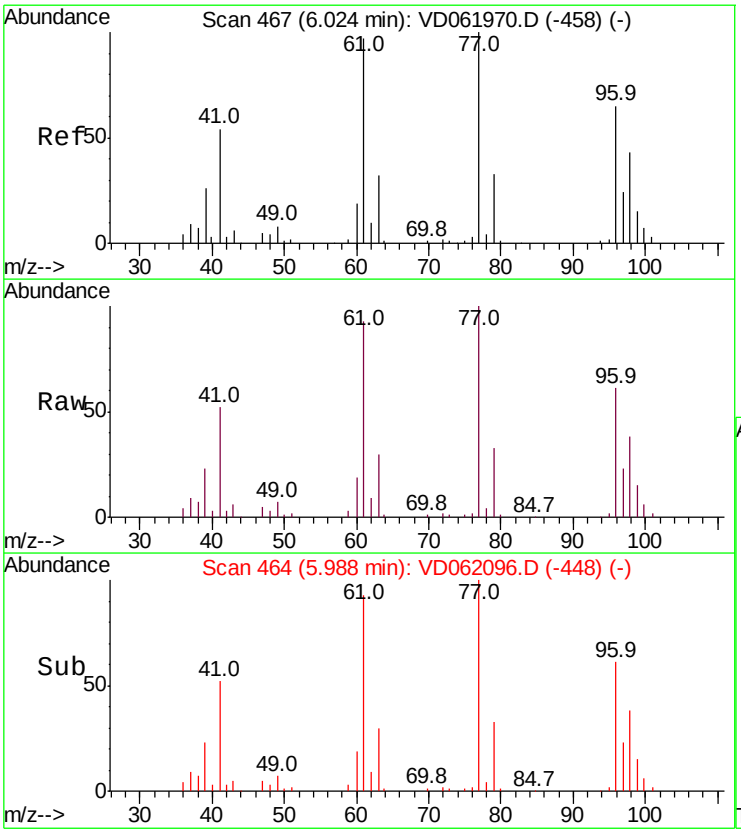

#25
2-Butanone
Concen: 259.054 ug/l
RT: 6.04 min Scan# 469
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 363077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.2 | 16.2 | 24.4 |

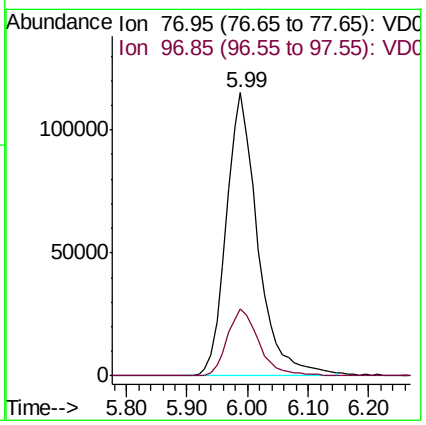


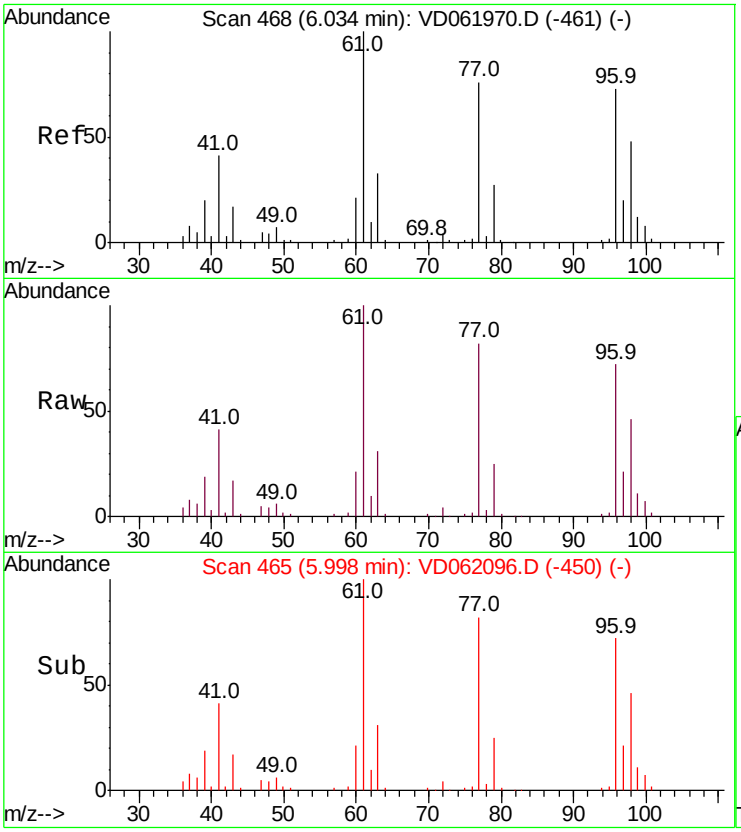




#26
2,2-Dichloropropane
Concen: 49.149 ug/l
RT: 5.99 min Scan# 464
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 77 Resp: 416586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.5 | 11.9 | 35.9 |



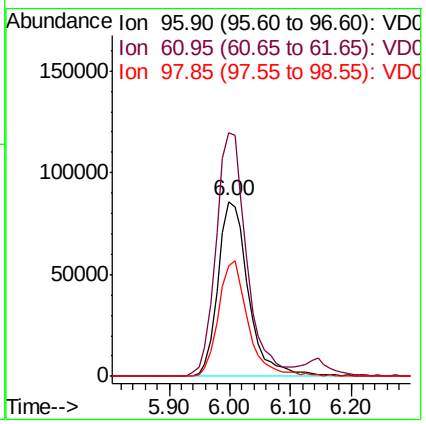


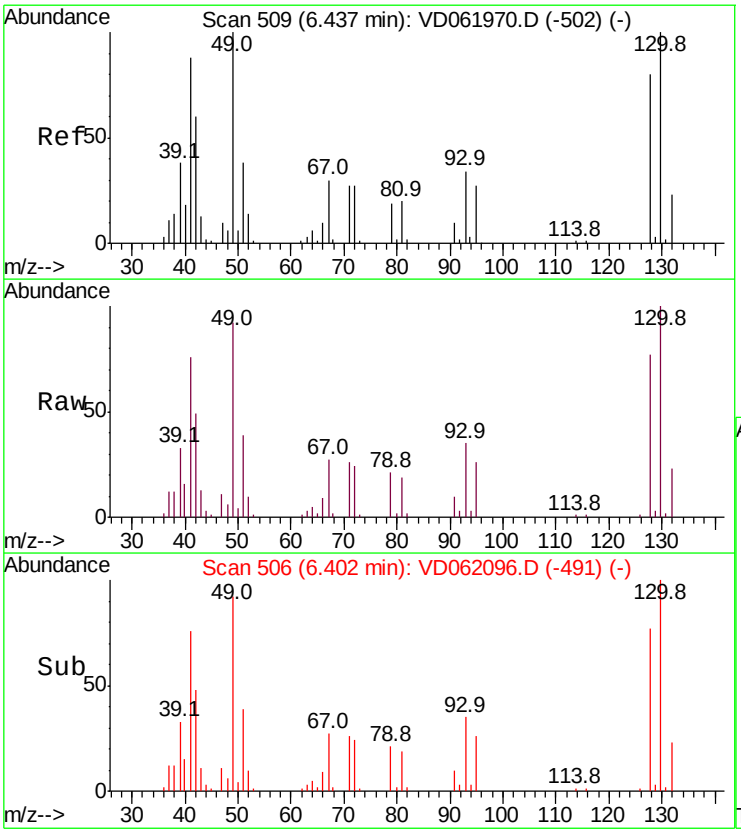

#27
cis-1,2-Dichloroethene
Concen: 45.611 ug/l
RT: 6.00 min Scan# 465
Delta R.T. -0.05 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 96 Resp: 300130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 139.5 | 0.0 | 279.8 |
| 98 | 63.6 | 0.0 | 136.0 |

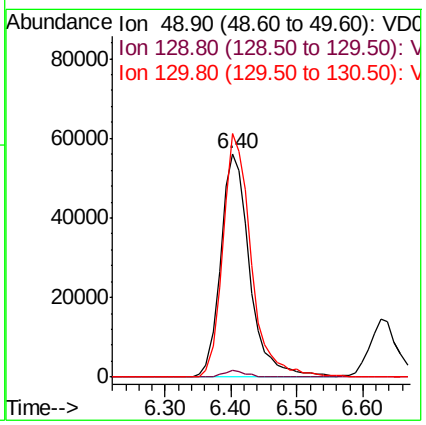


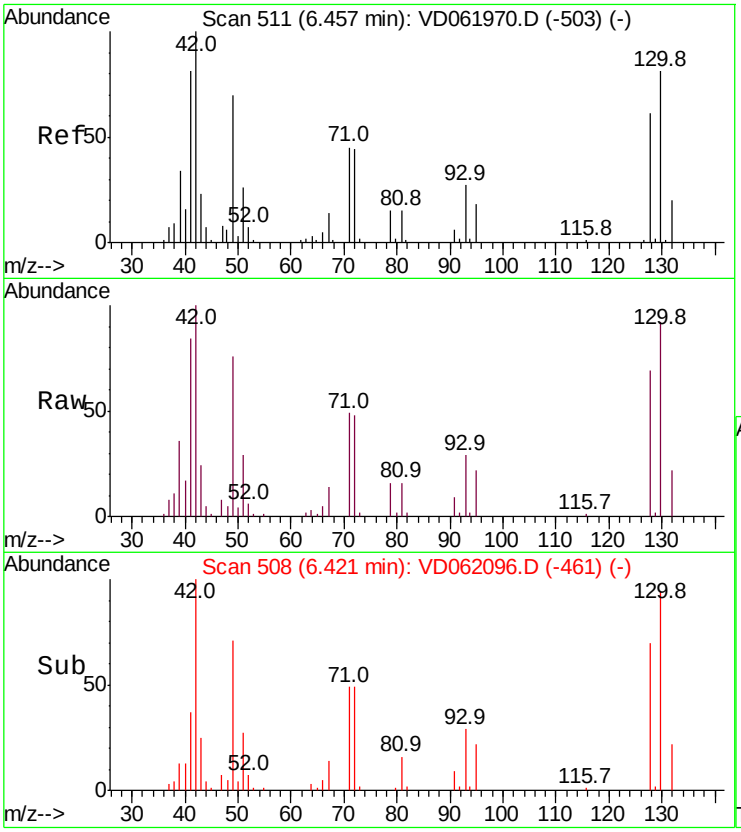




#28
Bromochloromethane
Concen: 46.456 ug/l
RT: 6.40 min Scan# 506
Delta R.T. -0.05 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 49 Resp: 172699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.9 | 0.0 | 6.6 |
| 130 | 109.0 | 86.7 | 130.1 |



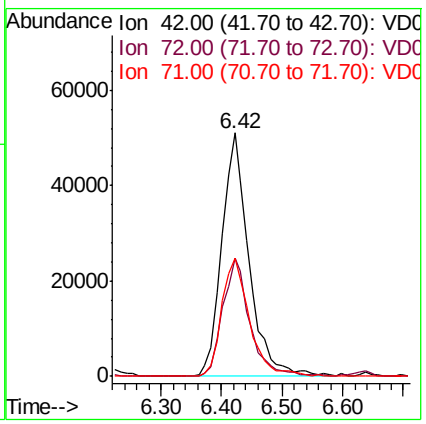


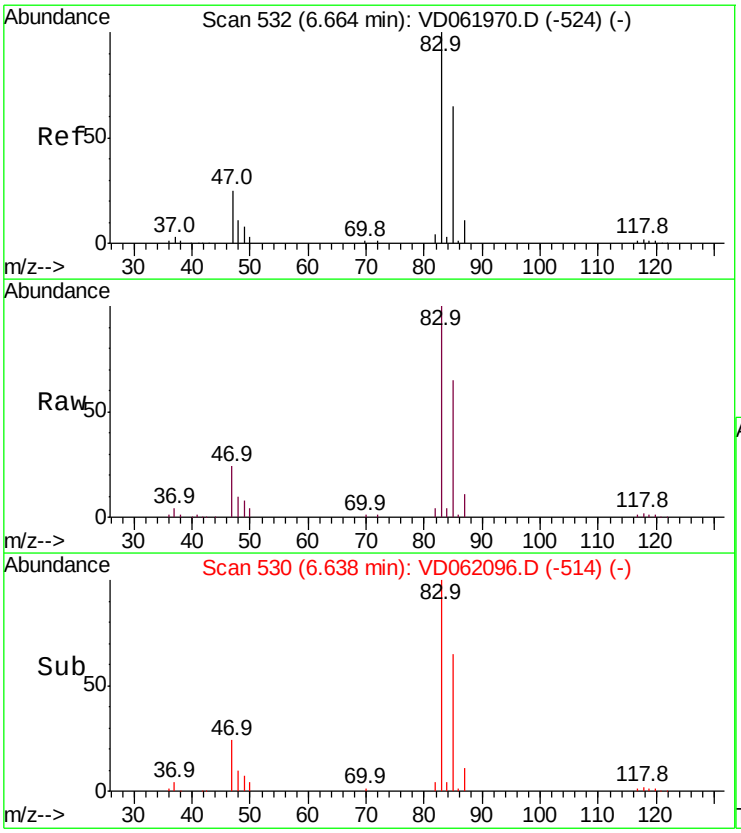

#29
Tetrahydrofuran
Concen: 229.775 ug/l
RT: 6.42 min Scan# 508
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 42 Resp: 158678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 48.5 | 37.8 | 56.6 |
| 71 | 49.5 | 36.7 | 55.1 |

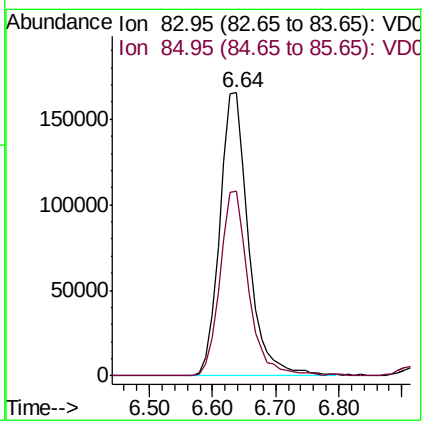


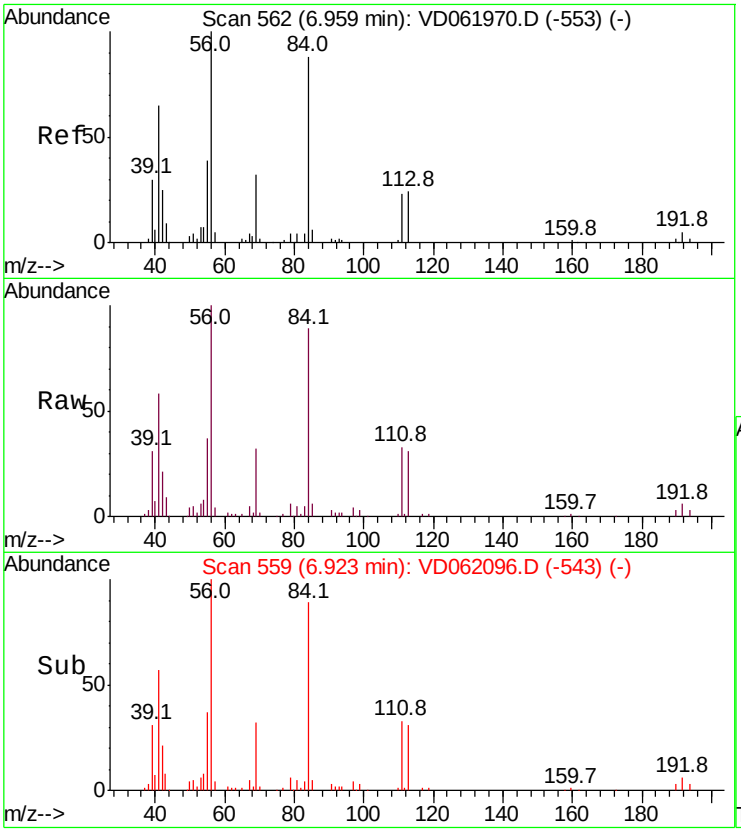




#30
Chloroform
Concen: 47.354 ug/l
RT: 6.64 min Scan# 530
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 83 Resp: 522565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.2 | 51.7 | 77.5 |



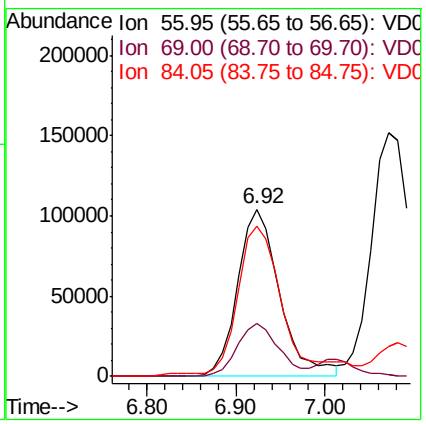


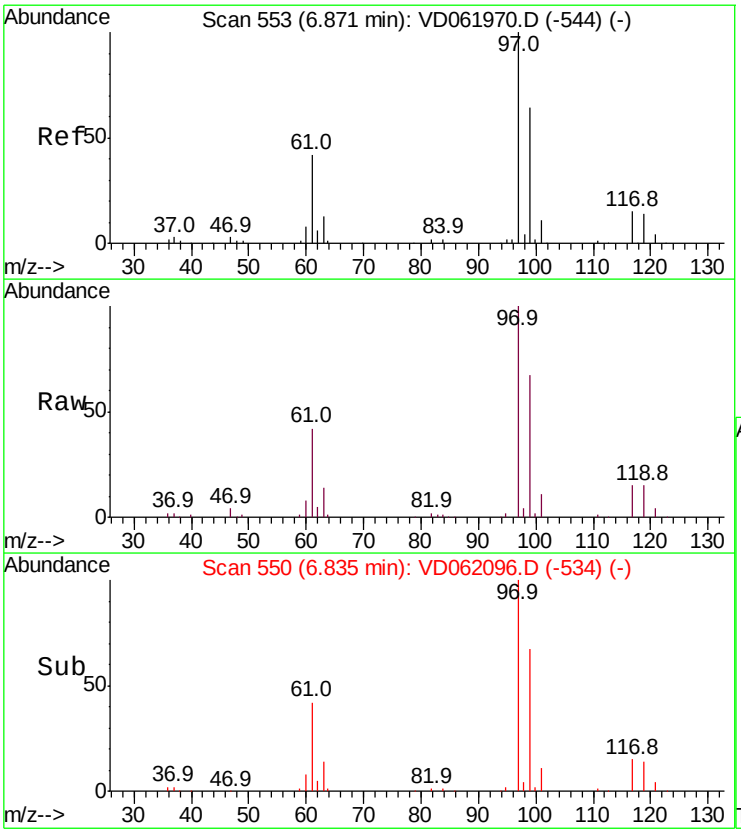

#31
Cyclohexane
Concen: 47.099 ug/l
RT: 6.92 min Scan# 559
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion: 56 Resp: 339656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.9 | 25.8 | 38.6 |
| 84 | 89.5 | 72.2 | 108.4 |

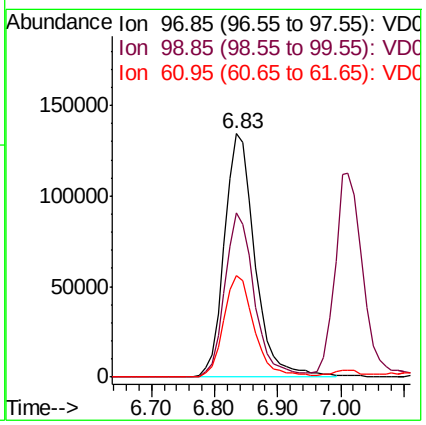


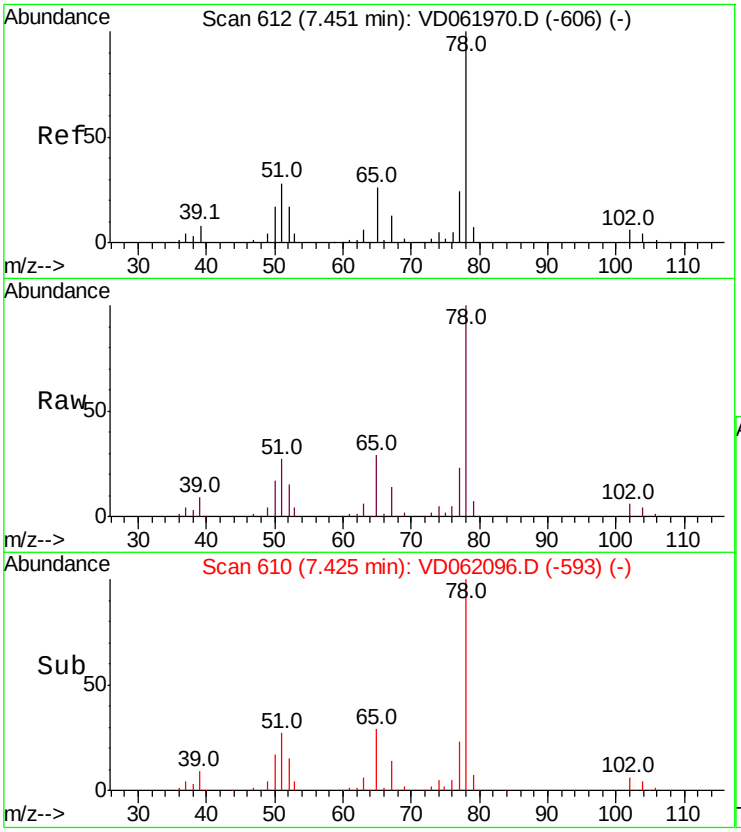




#32
1,1,1-Trichloroethane
Concen: 46.773 ug/l
RT: 6.83 min Scan# 550
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 97 Resp: 449098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 67.5 | 52.2 | 78.2 |
| 61 | 41.9 | 32.4 | 48.6 |



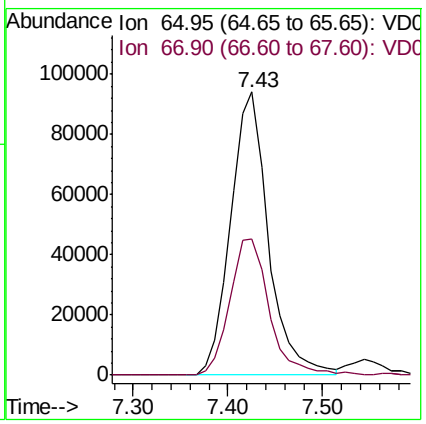


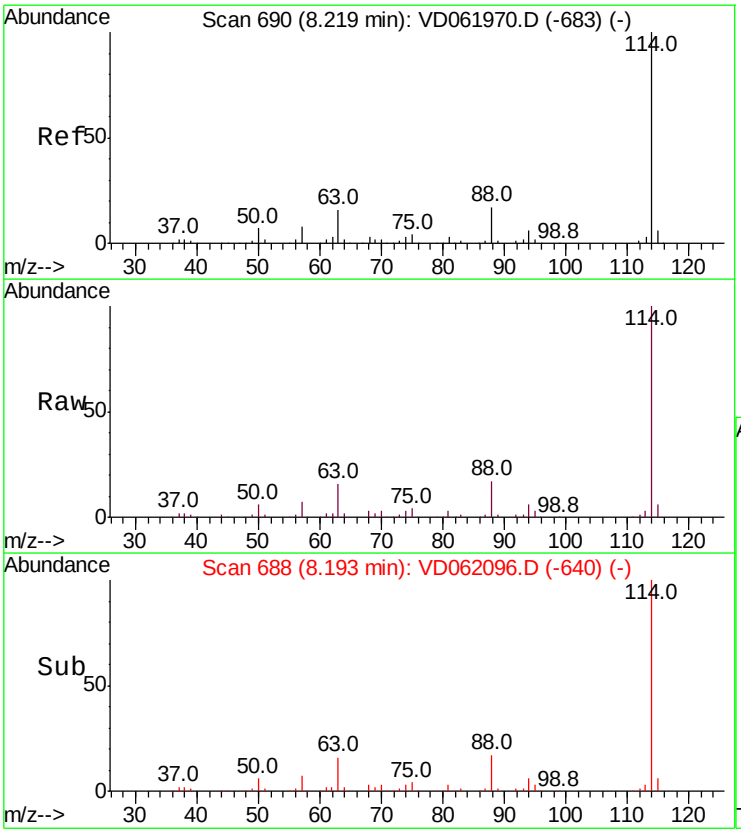

#33
1,2-Dichloroethane-d4
Concen: 53.671 ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 65 Resp: 259844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 48.1 | 0.0 | 98.0 |

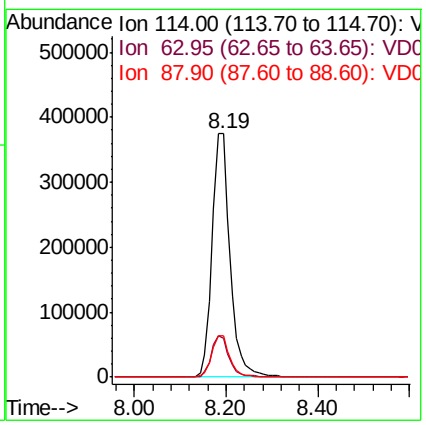


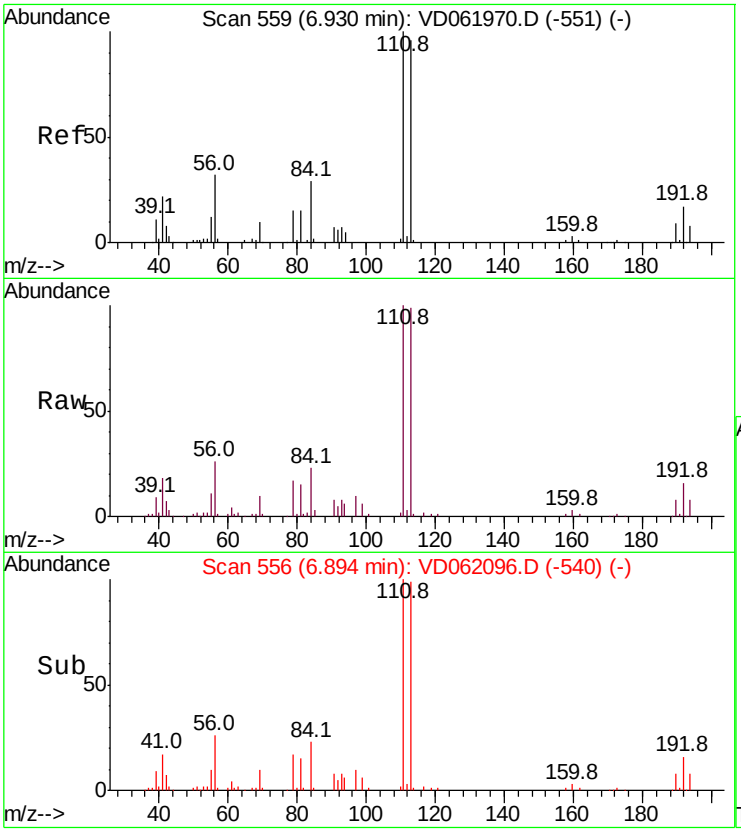




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.19 min Scan# 688
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:114 Resp: 1001848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 15.8 | 0.0 | 32.4 |
| 88 | 16.9 | 0.0 | 33.6 |



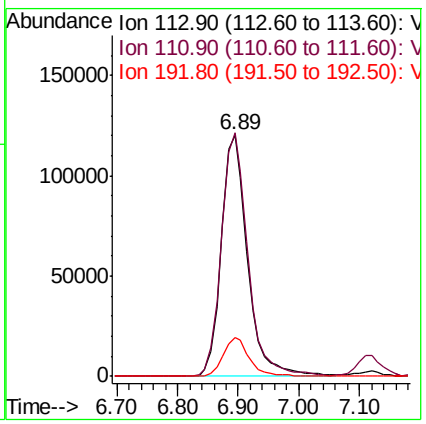


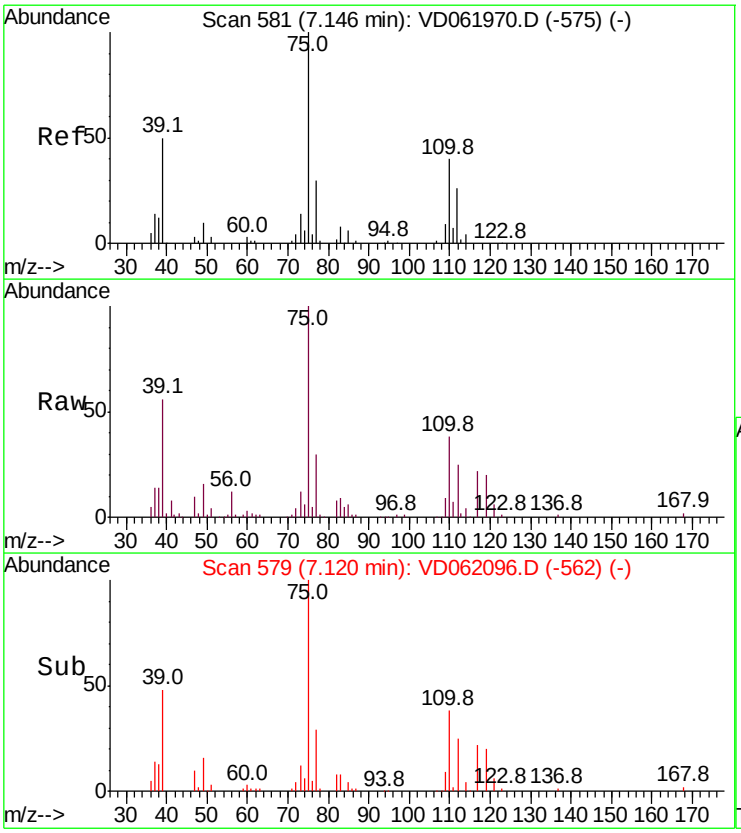

#35
Dibromofluoromethane
Concen: 52.245 ug/l
RT: 6.89 min Scan# 556
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion:113 Resp: 361995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.8 | 78.5 | 117.7 |
| 192 | 16.2 | 13.0 | 19.4 |

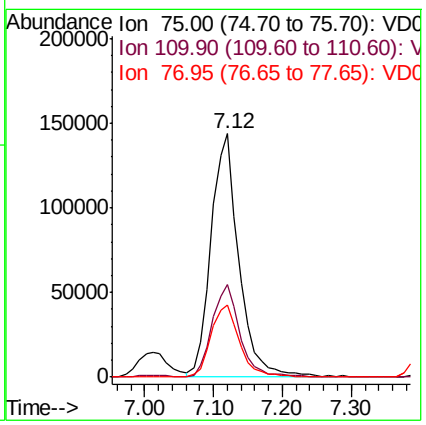


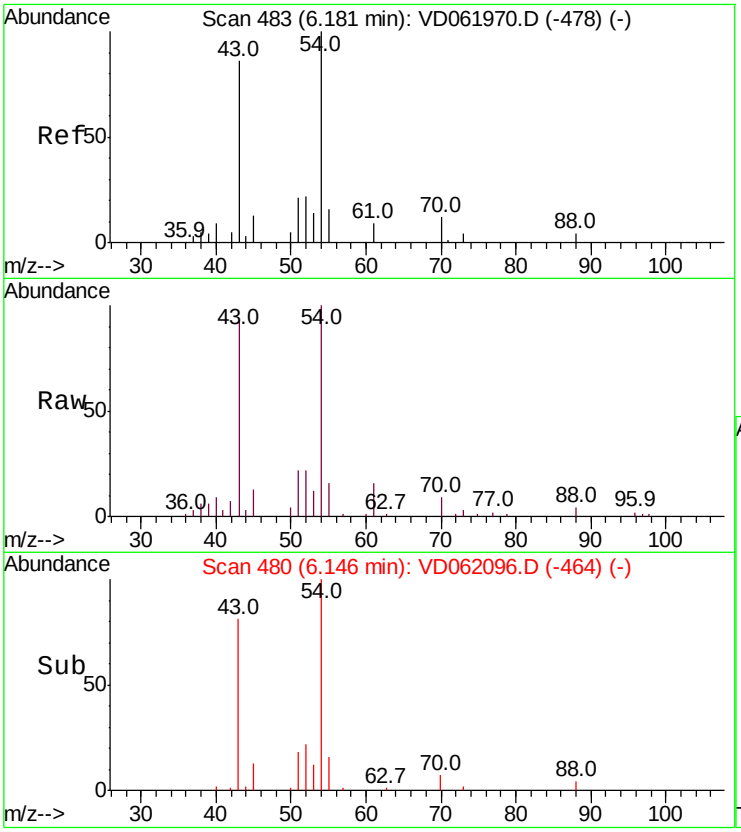




#36
1,1-Dichloropropene
Concen: 51.245 ug/l
RT: 7.12 min Scan# 579
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 75 Resp: 399993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 38.1 | 19.1 | 57.1 |
| 77 | 29.8 | 25.6 | 38.4 |



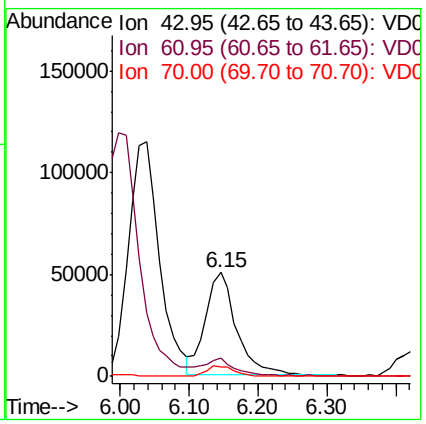


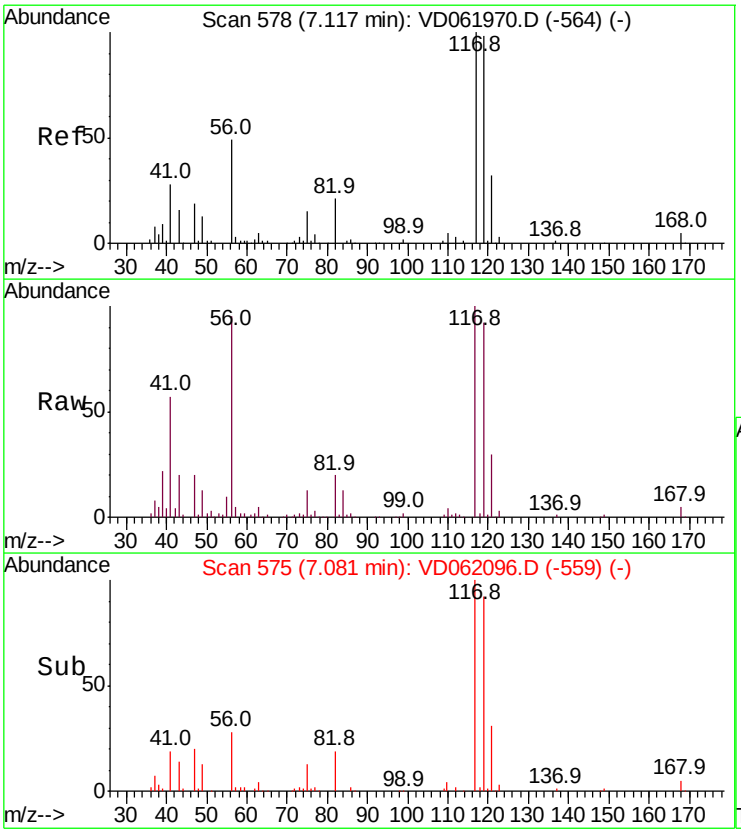

#37
Ethyl Acetate
Concen: 48.223 ug/l
RT: 6.15 min Scan# 480
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 160399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 17.2 | 14.7 | 22.1 |
| 70 | 9.2 | 7.8 | 11.6 |

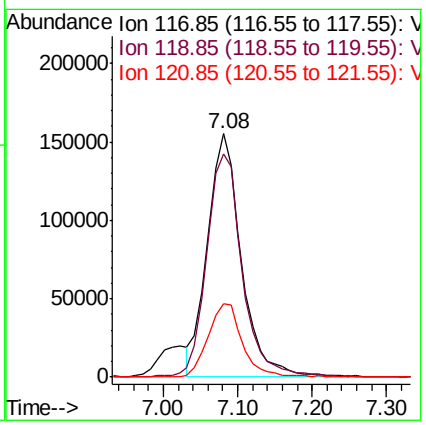


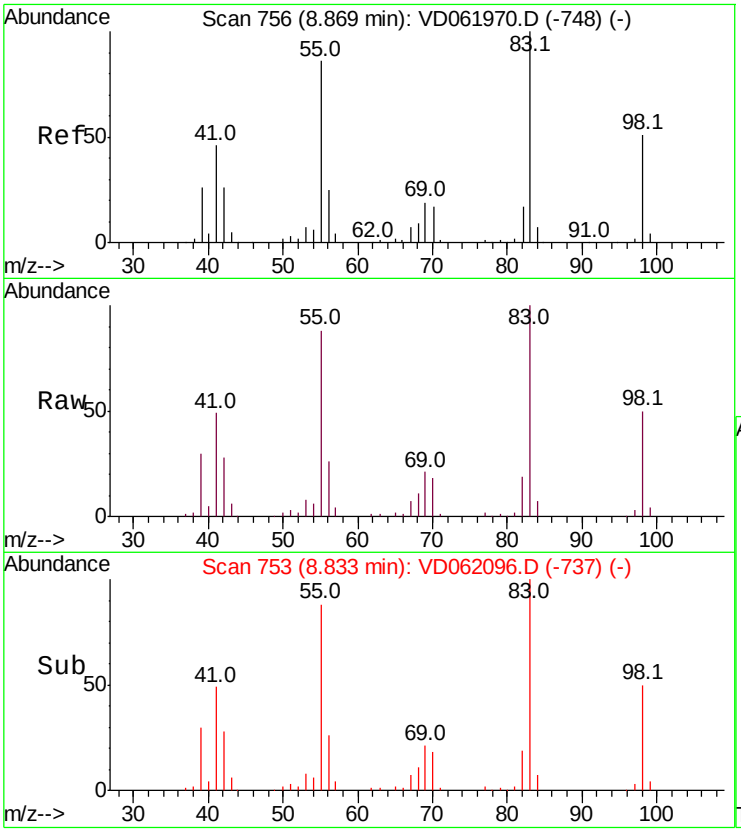




#38
Carbon Tetrachloride
Concen: 50.087 ug/l m
RT: 7.08 min Scan# 575
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:117 Resp: 495401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.8 | 75.8 | 113.8 |
| 121 | 30.4 | 25.9 | 38.9 |



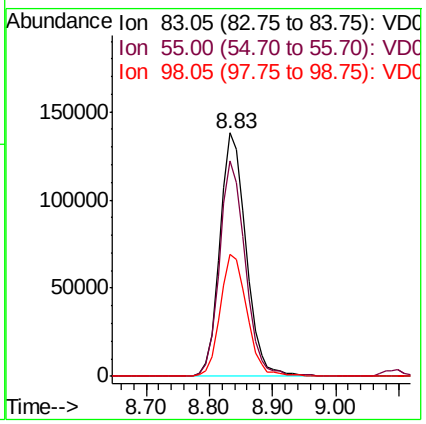


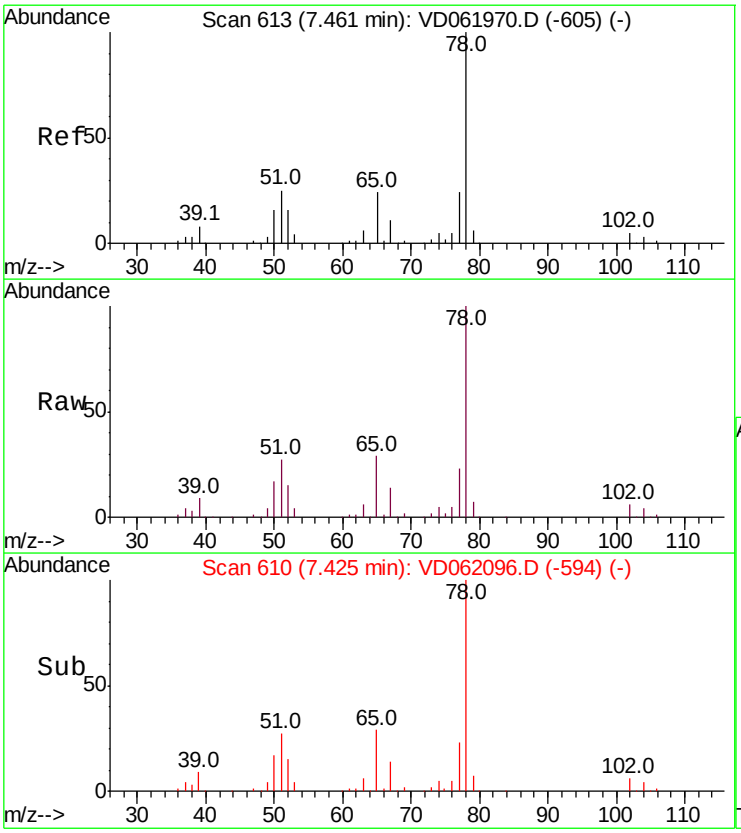

#39
Methylcyclohexane
Concen: 51.881 ug/l
RT: 8.83 min Scan# 753
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion: 83 Resp: 399538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 88.5 | 68.2 | 102.4 |
| 98 | 50.3 | 38.2 | 57.4 |

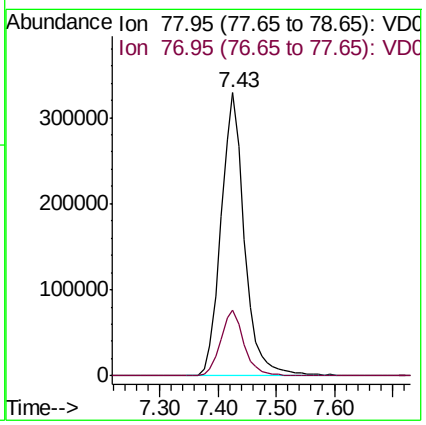


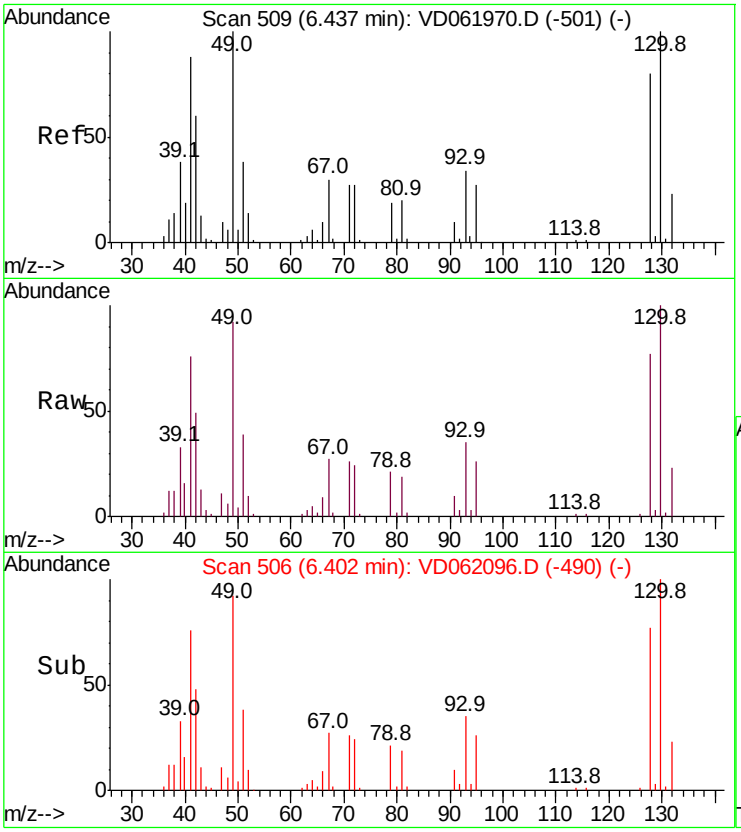




#40
Benzene
Concen: 47.452 ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 78 Resp: 916946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.3 | 19.7 | 29.5 |



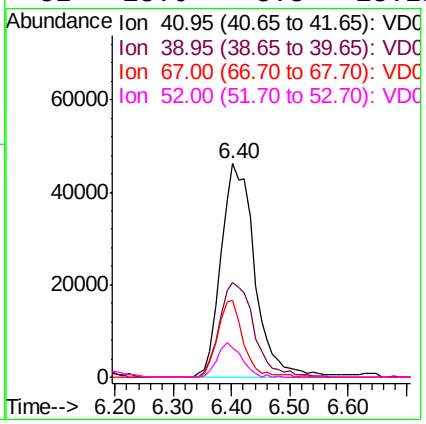


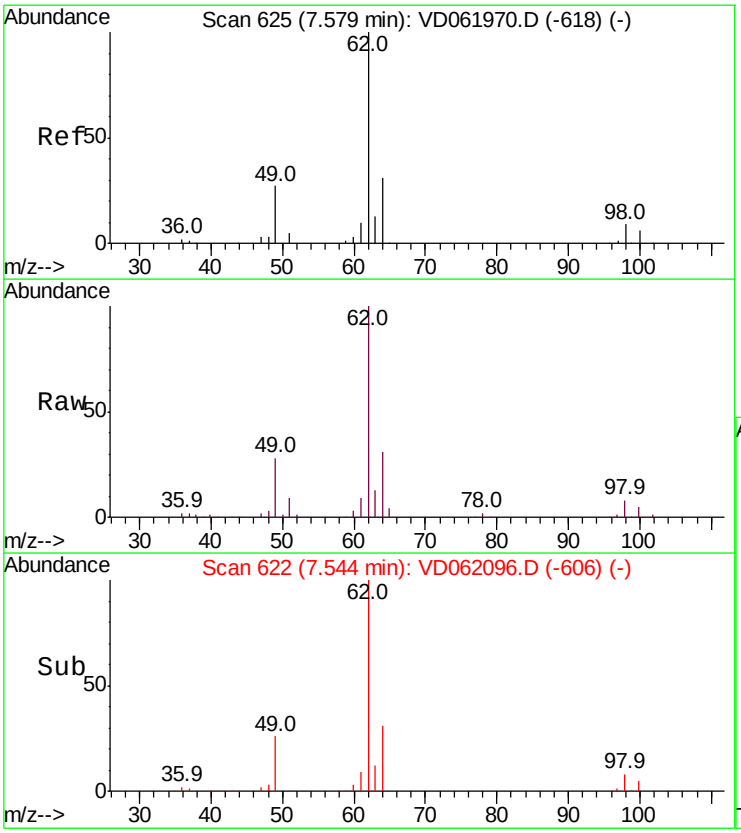

#41
Methacrylonitrile
Concen: 47.894 ug/l
RT: 6.40 min Scan# 506
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion: 41 Resp: 185875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 44.2 | 34.1 | 51.1 |
| 67 | 35.8 | 23.8 | 35.6# |
| 52 | 13.6 | 8.8 | 13.2# |

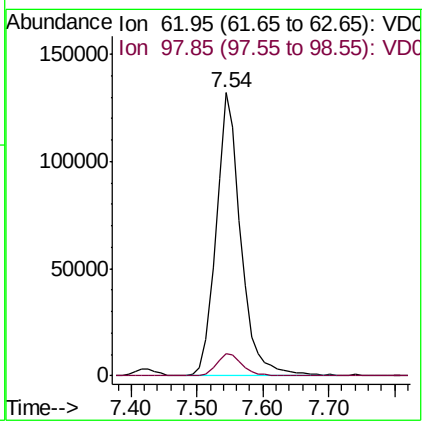


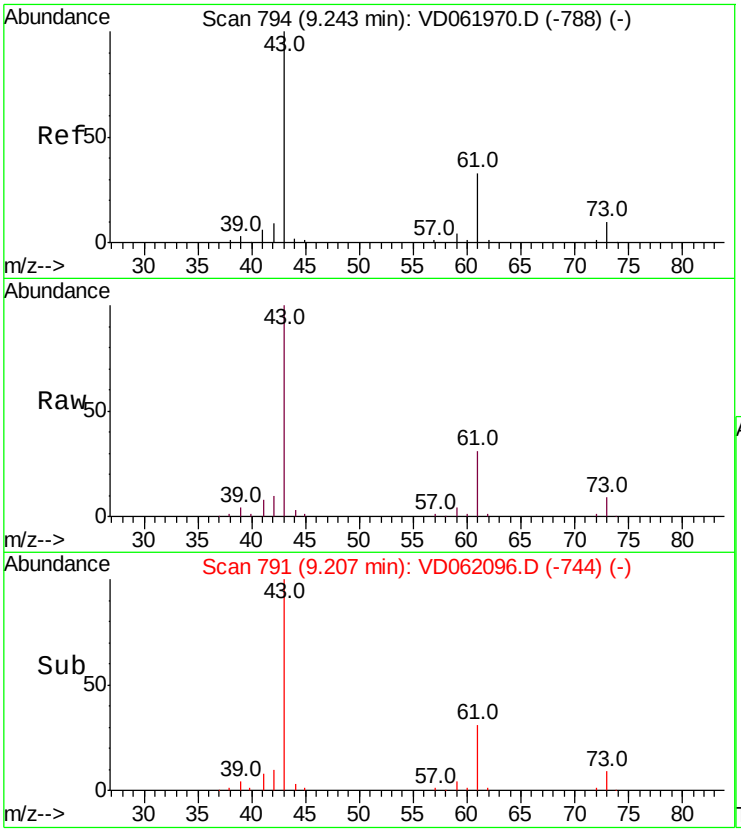




#42
1,2-Dichloroethane
Concen: 52.265 ug/l
RT: 7.54 min Scan# 622
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 62 Resp: 342916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.0 | 0.0 | 17.8 |



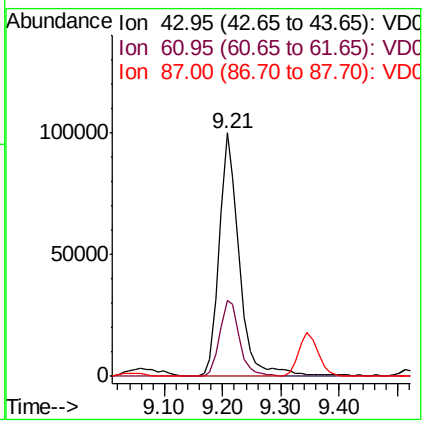


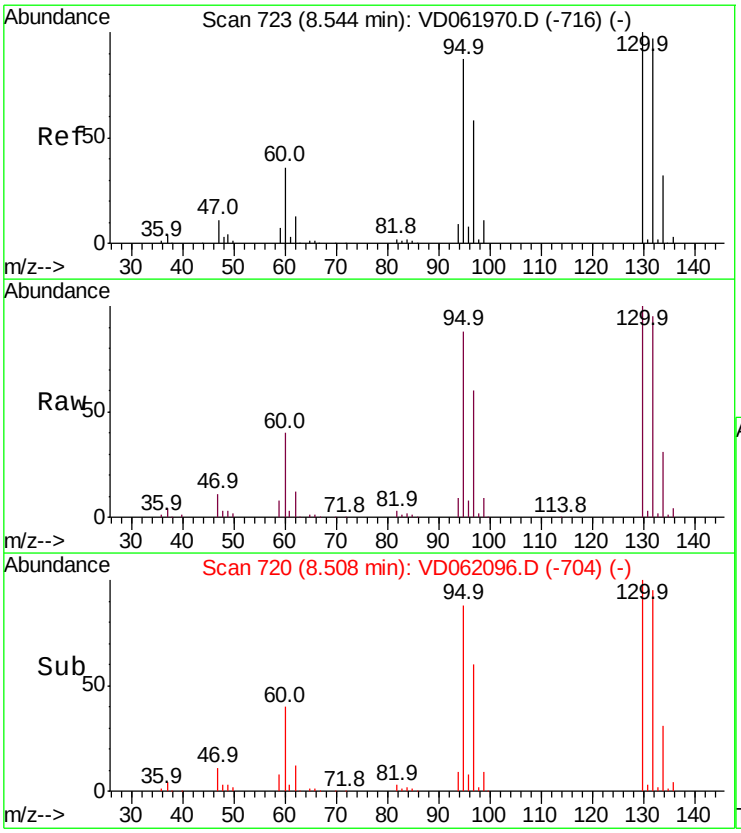

#43
Isopropyl Acetate
Concen: 49.206 ug/l
RT: 9.21 min Scan# 791
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion: 43 Resp: 239144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 31.3 | 25.1 | 37.7 |
| 87 | 0.0 | 0.0 | 0.0 |

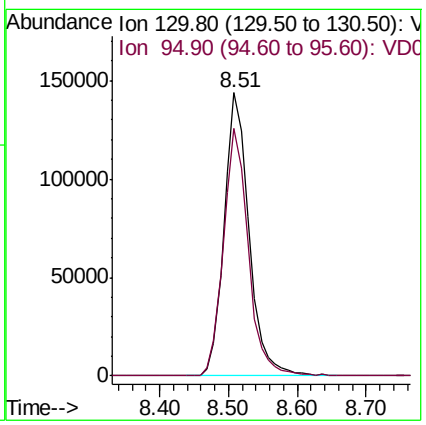


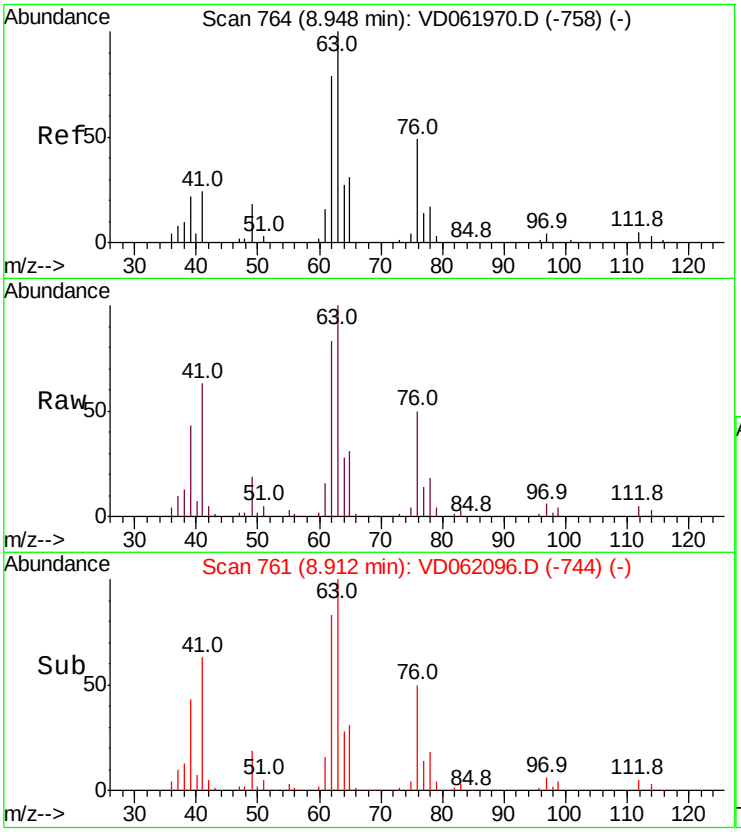




#44
Trichloroethene
Concen: 47.993 ug/l
RT: 8.51 min Scan# 720
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:130 Resp: 359538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 87.6 | 0.0 | 174.0 |



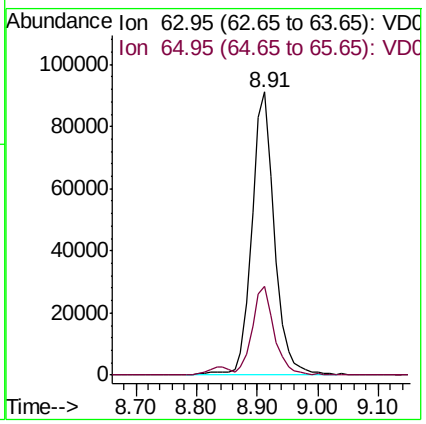


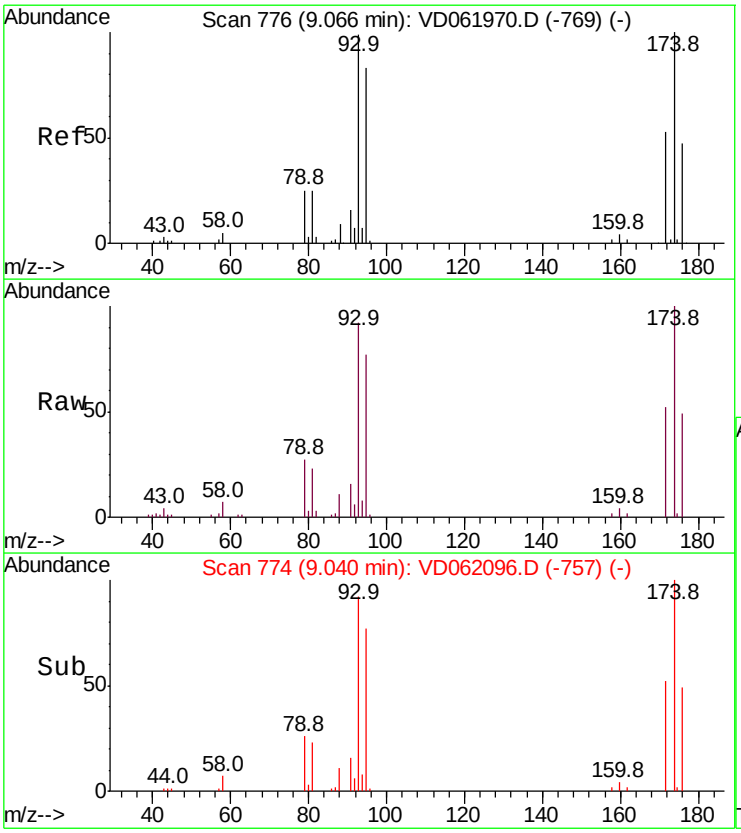

#45
1,2-Dichloropropane
Concen: 48.115 ug/l
RT: 8.91 min Scan# 761
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 63 Resp: 235873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.5 | 23.8 | 35.6 |

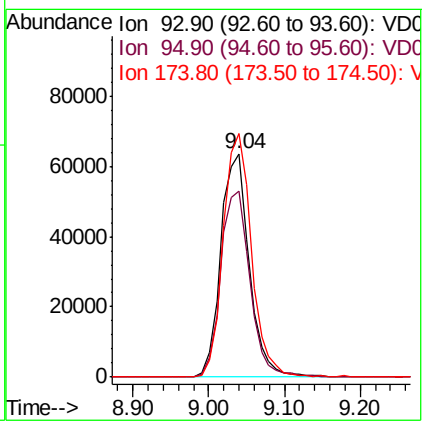


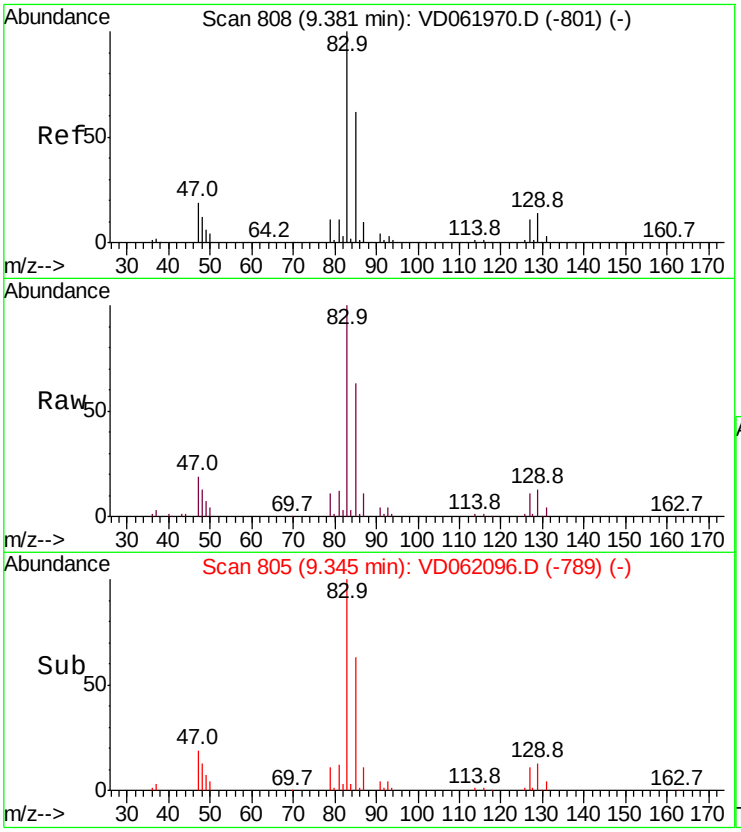




#46
Dibromomethane
Concen: 46.932 ug/l
RT: 9.04 min Scan# 774
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 93 Resp: 165550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.4 | 64.8 | 97.2 |
| 174 | 108.9 | 79.3 | 118.9 |



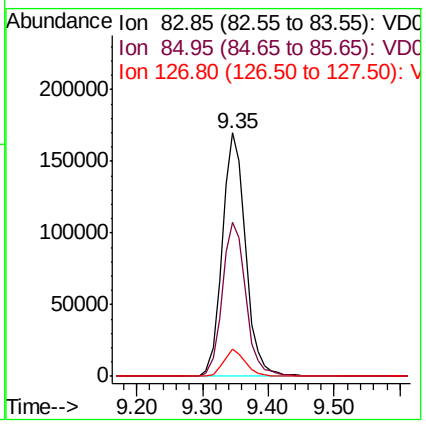


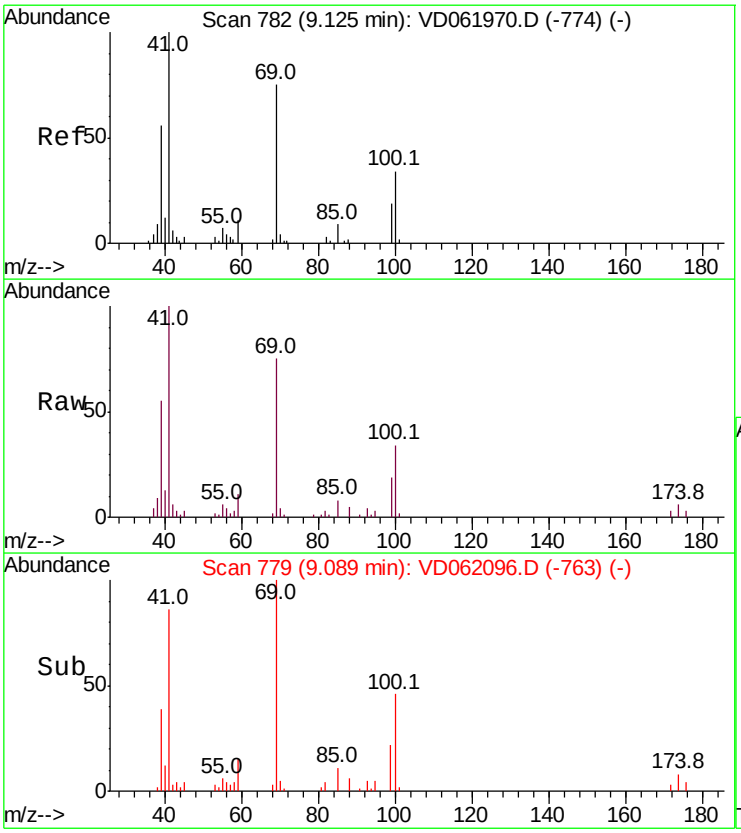

#47
Bromodichloromethane
Concen: 50.471 ug/l
RT: 9.35 min Scan# 805
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 420665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.1 | 50.9 | 76.3 |
| 127 | 11.3 | 8.1 | 12.1 |

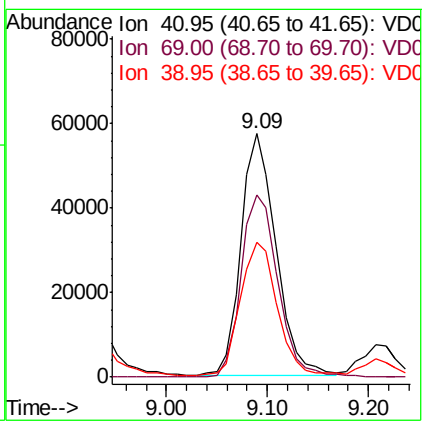


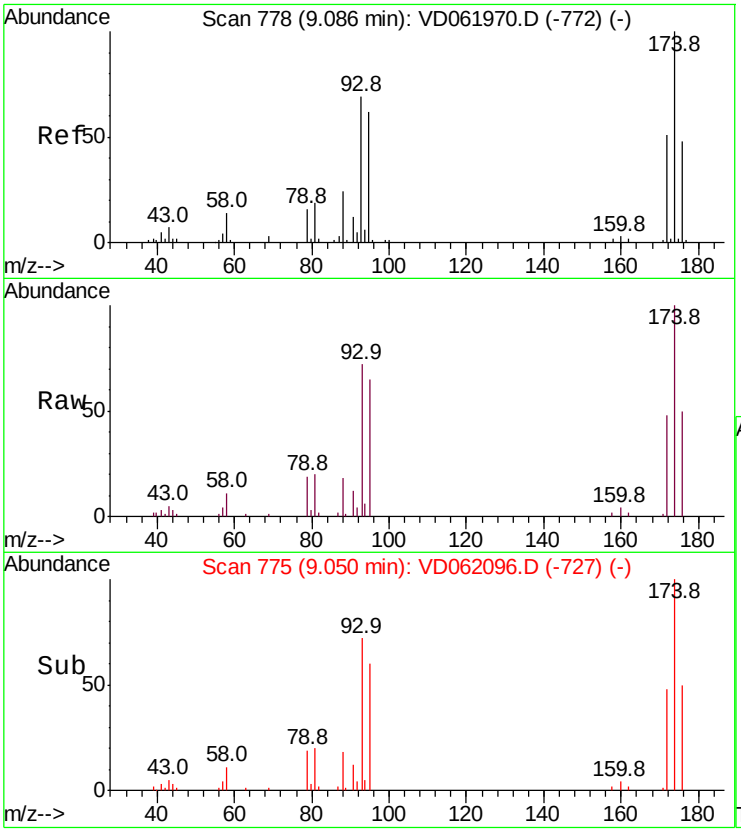




#48
Methyl methacrylate
Concen: 49.568 ug/l
RT: 9.09 min Scan# 779
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 41 Resp: 137446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 74.9 | 64.2 | 96.2 |
| 39 | 55.4 | 46.8 | 70.2 |



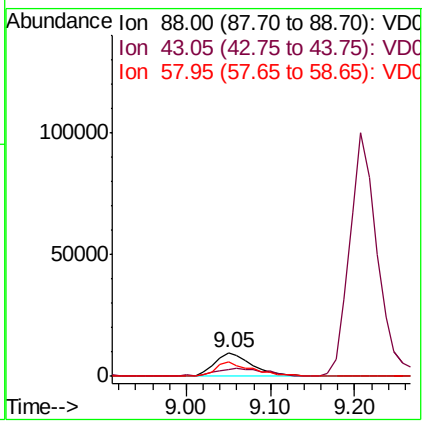


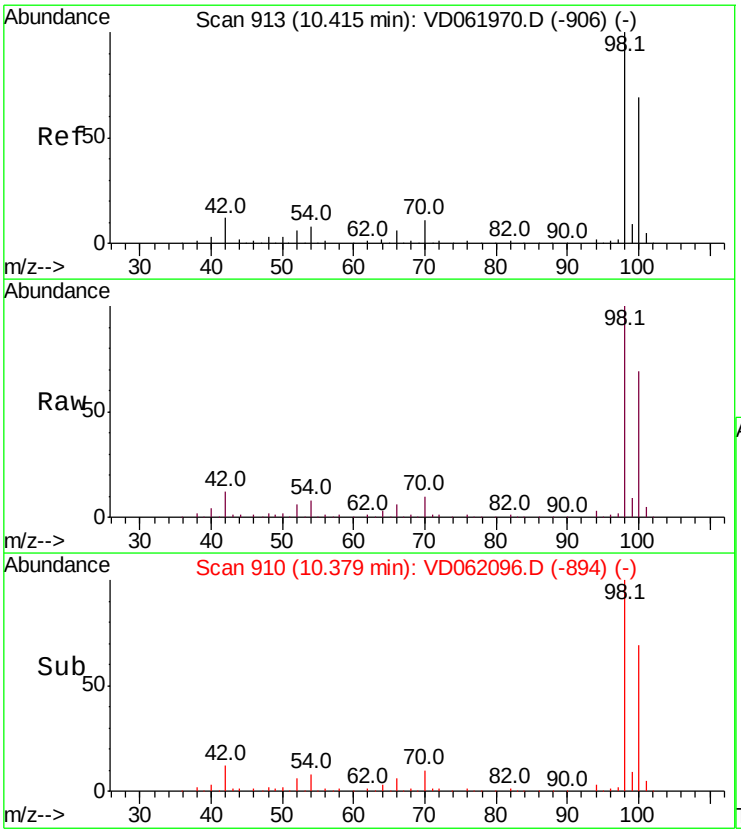

#49
1,4-Dioxane
Concen: 995.037 ug/l
RT: 9.05 min Scan# 775
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion: 88 Resp: 29747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 29.7 | 23.4 | 35.0 |
| 58 | 59.2 | 44.0 | 66.0 |

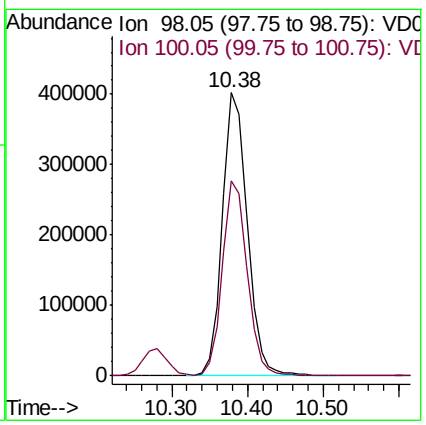


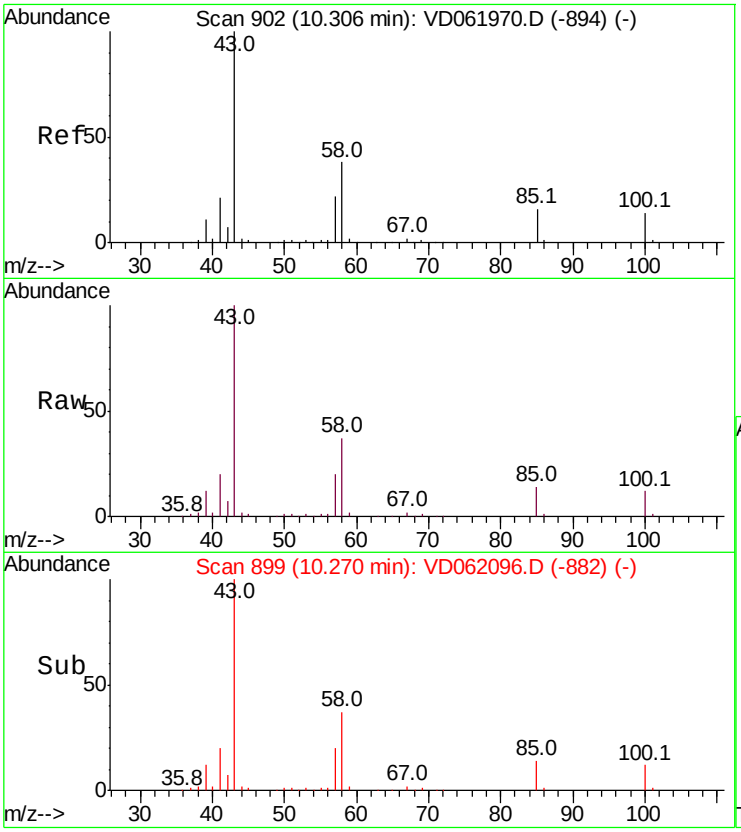




#50
Toluene-d8
Concen: 55.851 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 98 Resp: 920818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 69.0 | 53.8 | 80.8 |



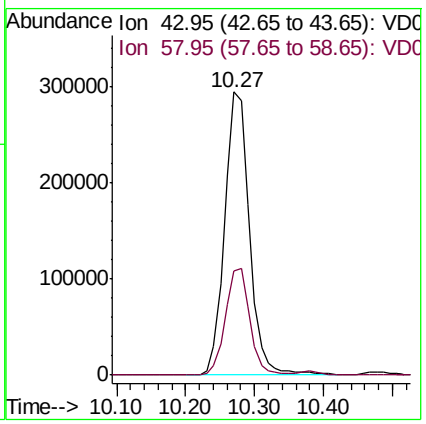


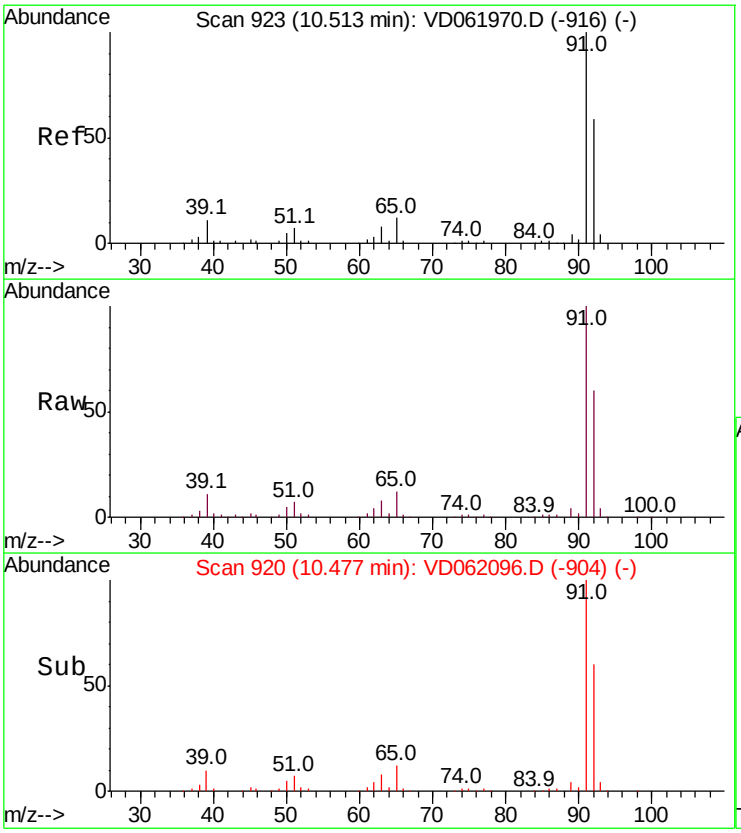

#51
4-Methyl-2-Pentanone
Concen: 247.523 ug/l
RT: 10.27 min Scan# 899
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion: 43 Resp: 735685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.9 | 30.4 | 45.6 |

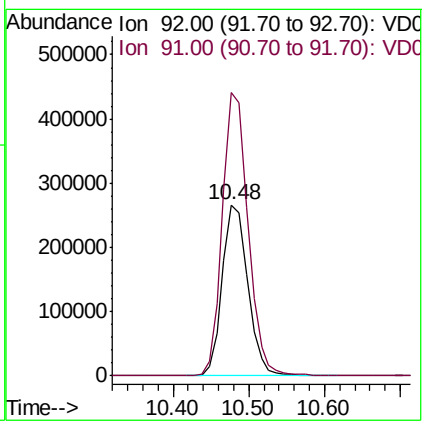


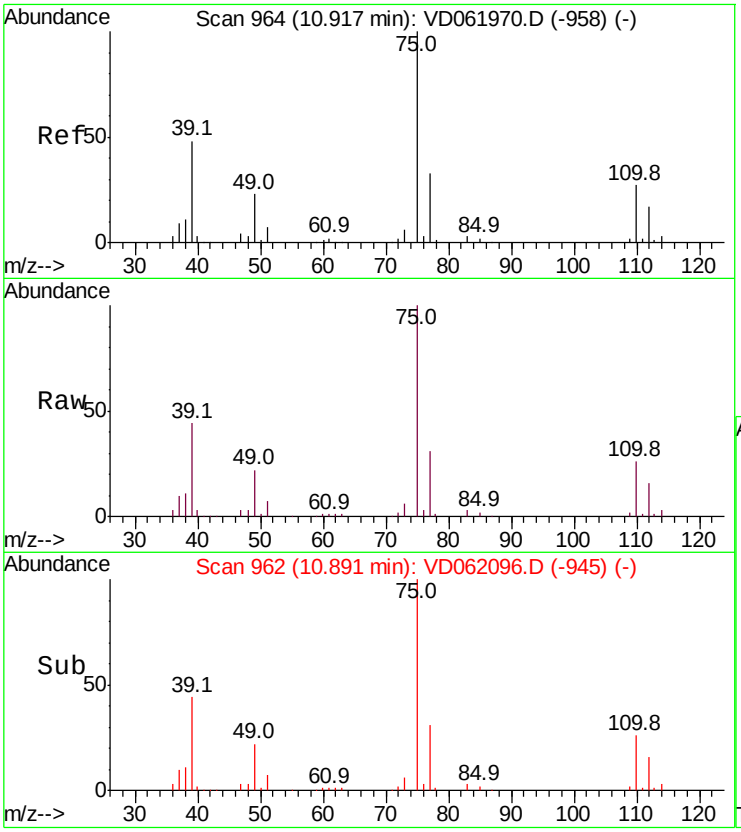




#52
Toluene
Concen: 50.817 ug/l
RT: 10.48 min Scan# 920
Delta R.T. -0.04 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 92 Resp: 626116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 165.6 | 136.6 | 204.8 |



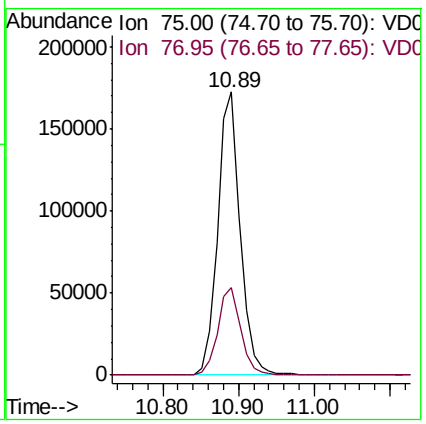


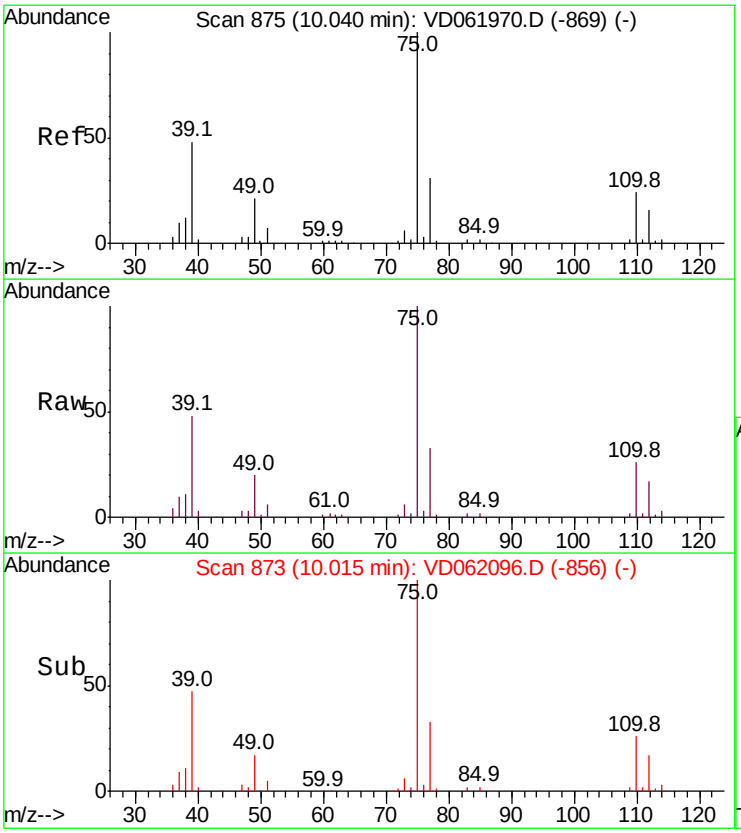

#53
t-1,3-Dichloropropene
Concen: 50.800 ug/l
RT: 10.89 min Scan# 962
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion: 75 Resp: 355399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.1 | 25.8 | 38.8 |

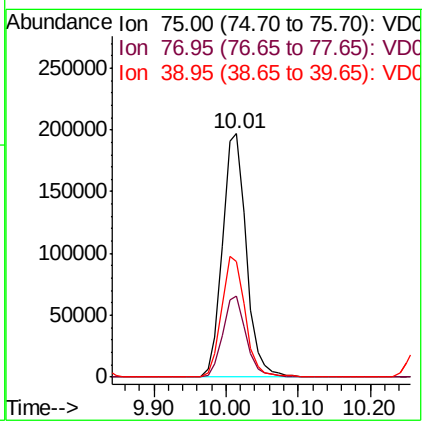


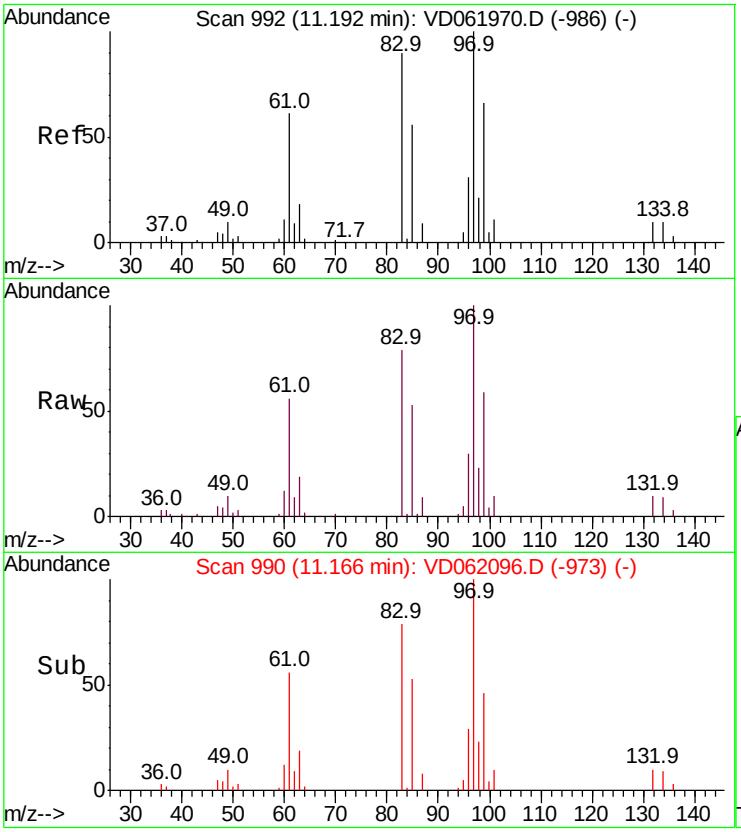




#54
cis-1,3-Dichloropropene
Concen: 52.991 ug/l
RT: 10.01 min Scan# 873
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 75 Resp: 450900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.1 | 25.5 | 38.3 |
| 39 | 47.5 | 39.4 | 59.2 |



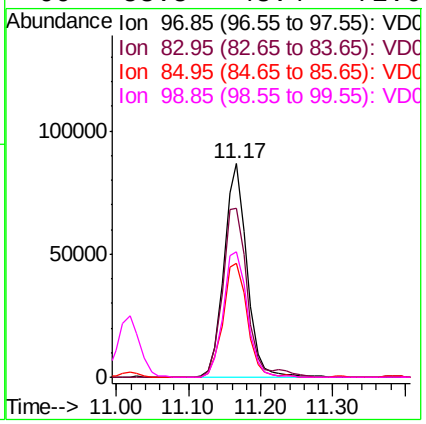


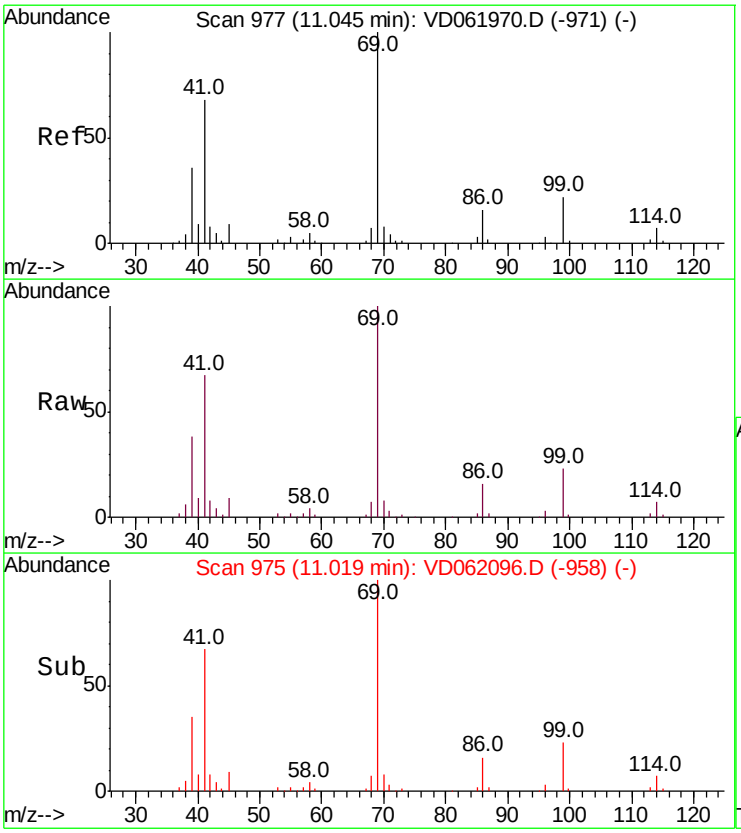

#55
1,1,2-Trichloroethane
Concen: 46.081 ug/l
RT: 11.17 min Scan# 990
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 97 Resp: 190613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 79.4 | 65.7 | 98.5 |
| 85 | 53.5 | 45.6 | 68.4 |
| 99 | 58.5 | 48.4 | 72.6 |

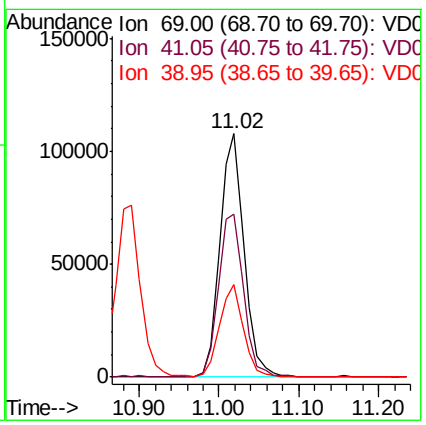


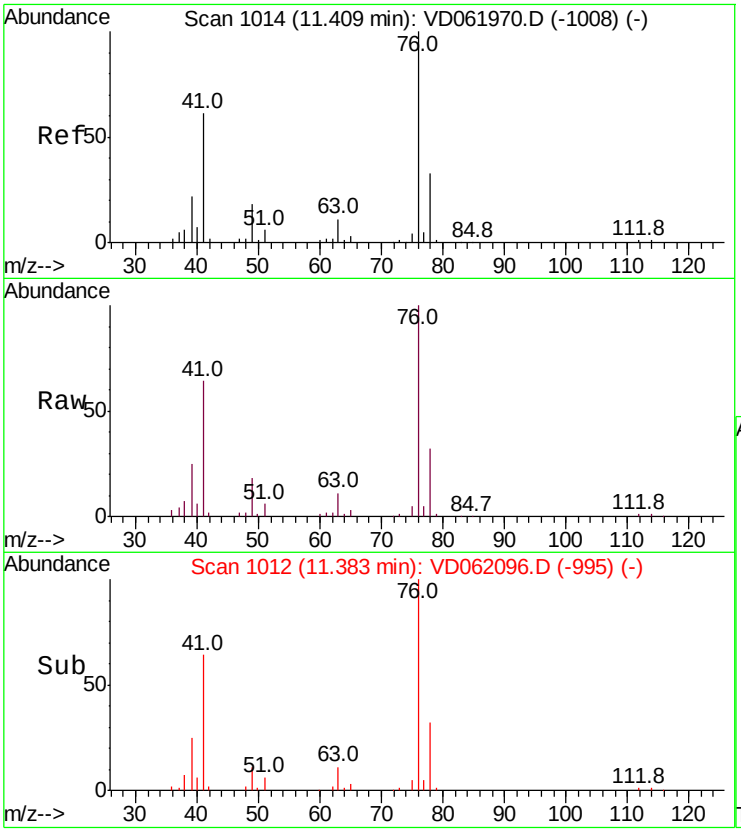




#56
Ethyl methacrylate
Concen: 50.184 ug/l
RT: 11.02 min Scan# 975
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 69 Resp: 229906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 66.8 | 56.3 | 84.5 |
| 39 | 37.9 | 29.4 | 44.2 |



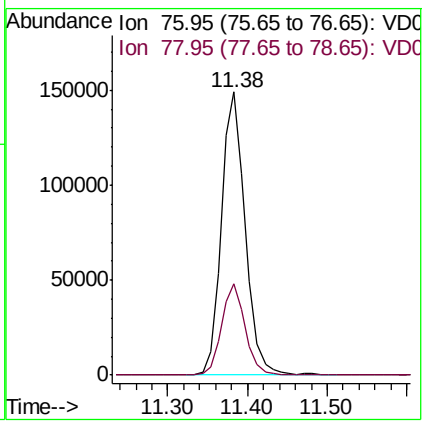


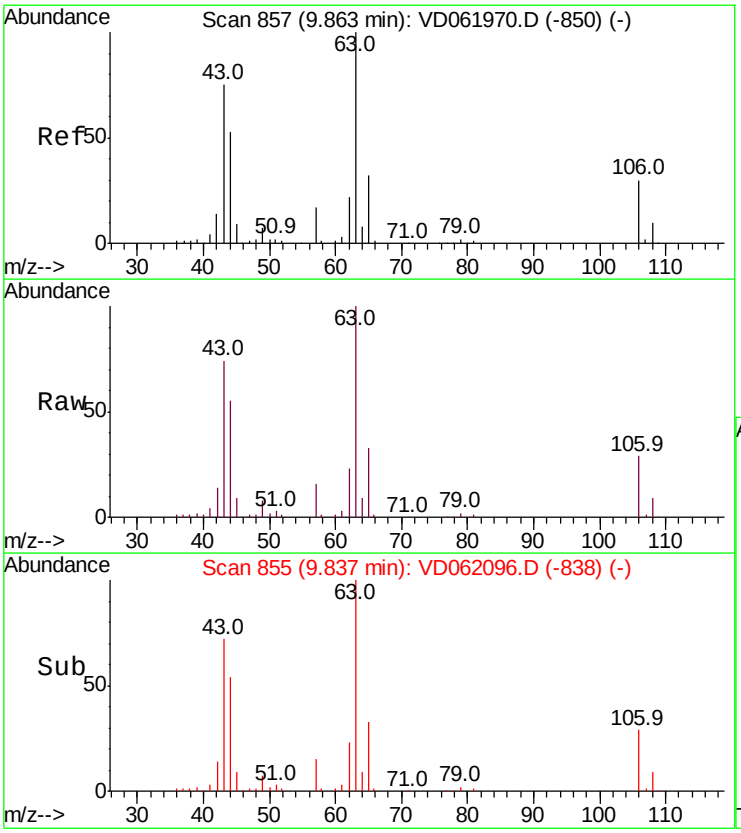

#57
1,3-Dichloropropane
Concen: 48.728 ug/l
RT: 11.38 min Scan# 1012
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion: 76 Resp: 311308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.1 | 26.2 | 39.2 |

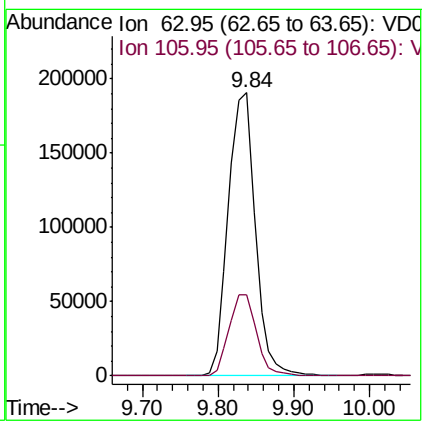


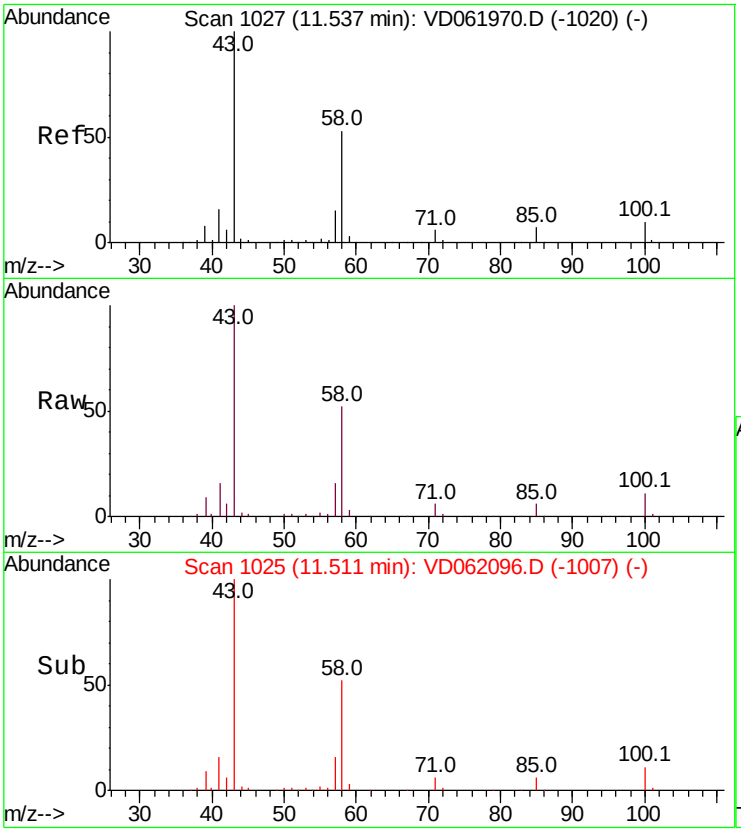




#58
2-Chloroethyl Vinyl ether
Concen: 222.130 ug/l
RT: 9.84 min Scan# 855
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 63 Resp: 473130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.7 | 22.6 | 34.0 |



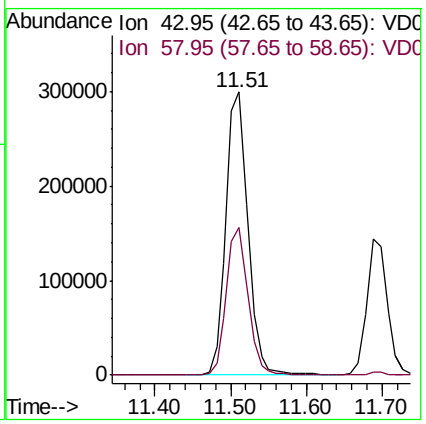


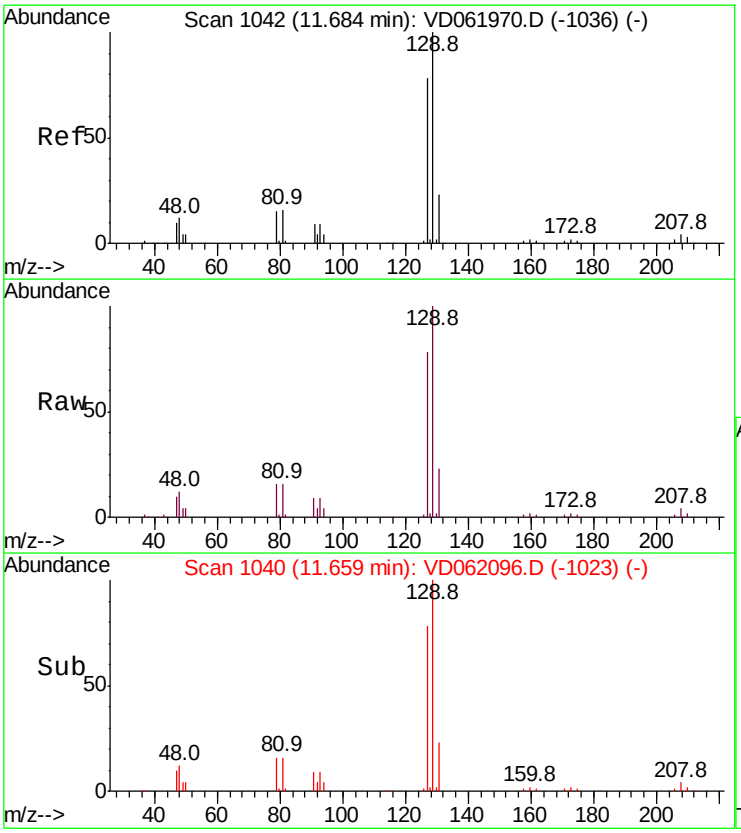

#59
2-Hexanone
Concen: 269.241 ug/l
RT: 11.51 min Scan# 1025
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion: 43 Resp: 600291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 52.3 | 25.4 | 76.4 |

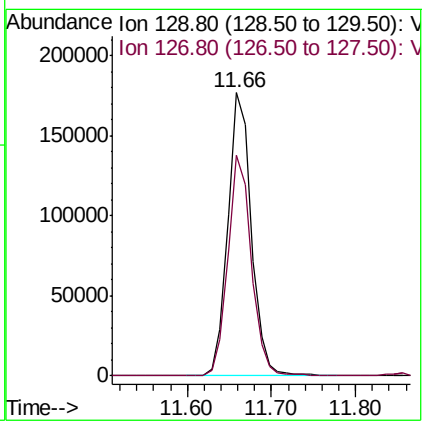


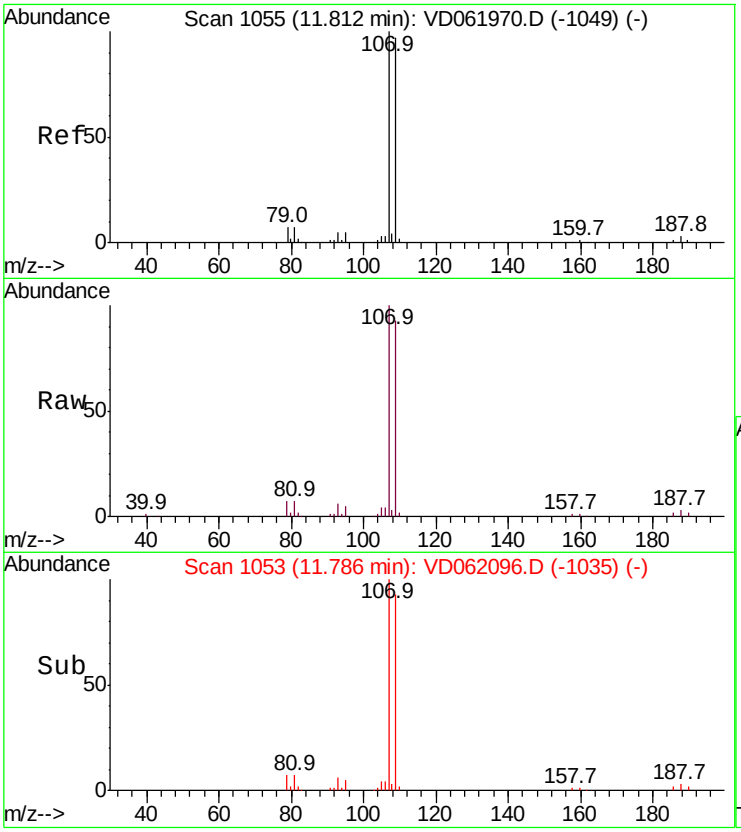




#60
Dibromochloromethane
Concen: 49.925 ug/l
RT: 11.66 min Scan# 1040
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:129 Resp: 341704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.9 | 38.0 | 113.9 |



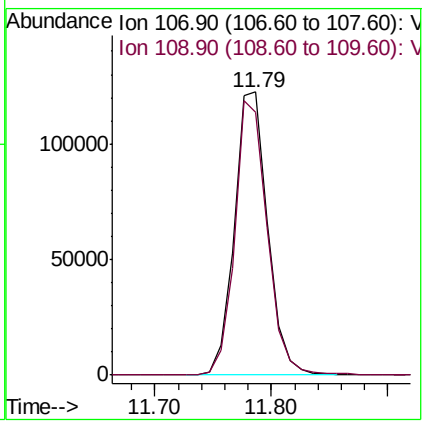


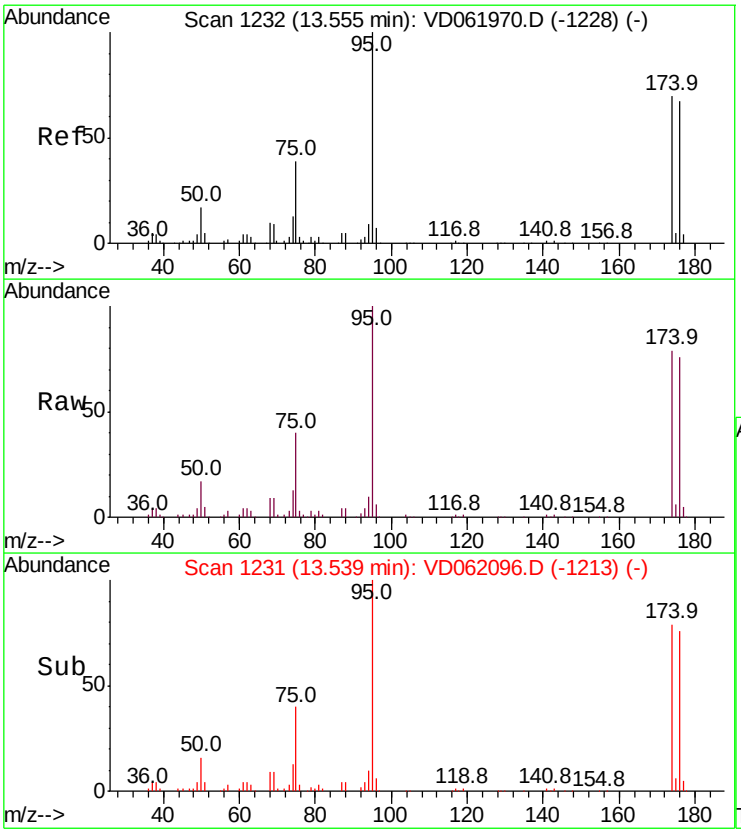

#61
1,2-Dibromoethane
Concen: 49.210 ug/l
RT: 11.79 min Scan# 1053
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion:107 Resp: 241469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 92.7 | 78.3 | 117.5 |

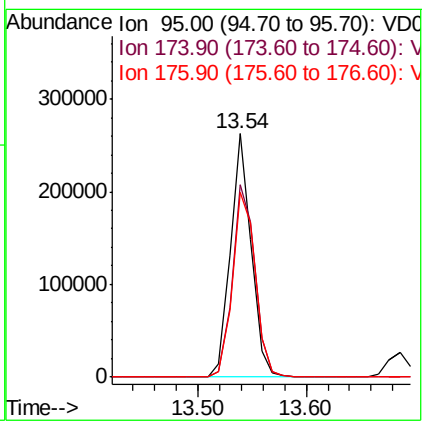


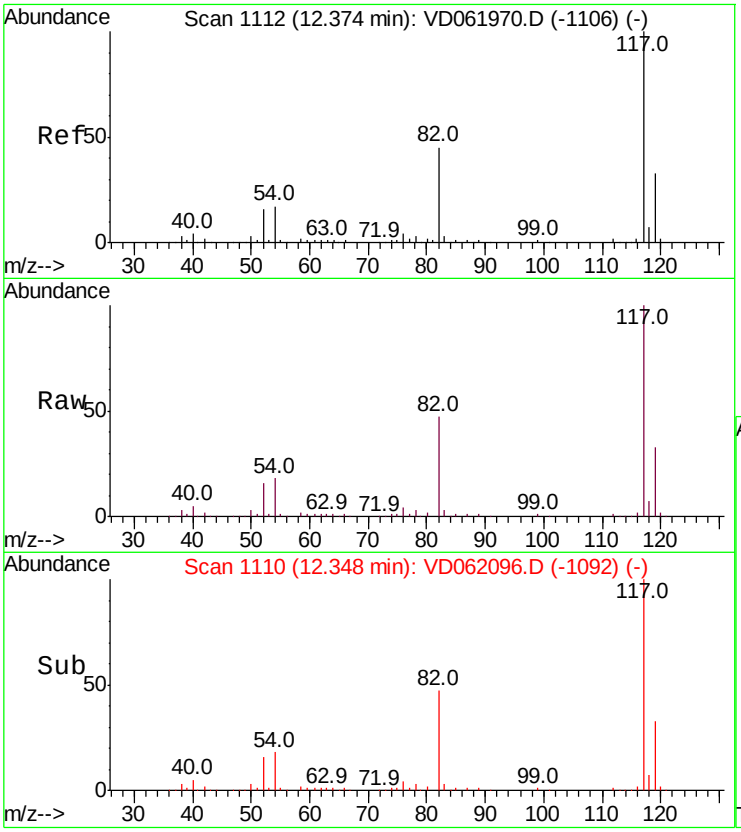




#62
4-Bromofluorobenzene
Concen: 53.079 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 95 Resp: 351001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 78.8 | 0.0 | 181.8 |
| 176 | 75.7 | 0.0 | 174.4 |



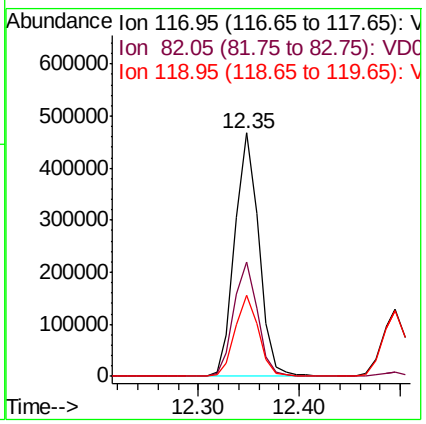


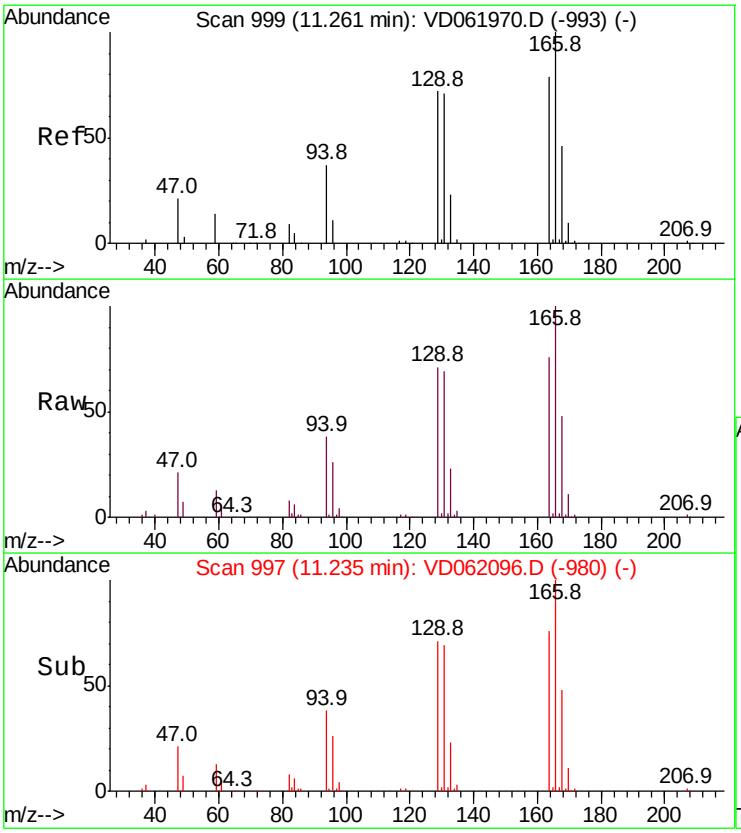

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion:117 Resp: 772560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 46.8 | 36.2 | 54.2 |
| 119 | 33.4 | 26.2 | 39.4 |

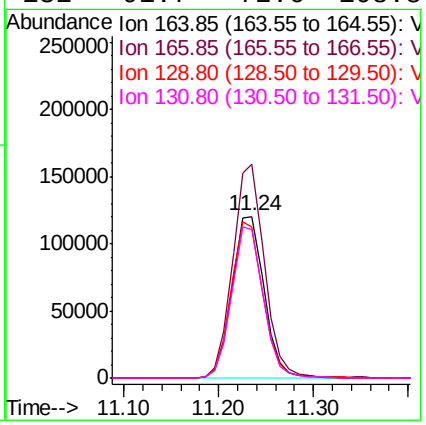


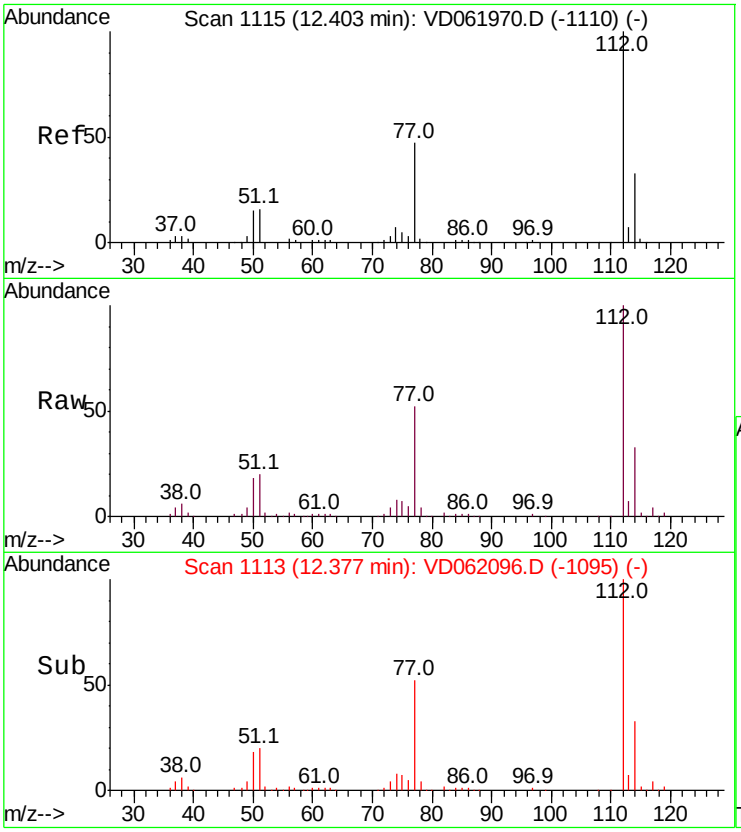




#64
Tetrachloroethene
Concen: 51.329 ug/l
RT: 11.24 min Scan# 997
Delta R.T. -0.03 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:164 Resp: 282880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 132.0 | 101.5 | 152.3 |
| 129 | 93.3 | 74.6 | 112.0 |
| 131 | 91.7 | 72.6 | 108.8 |



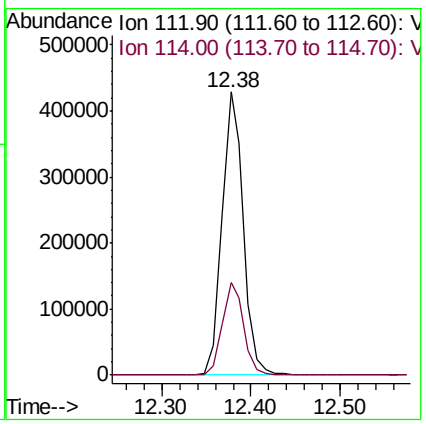


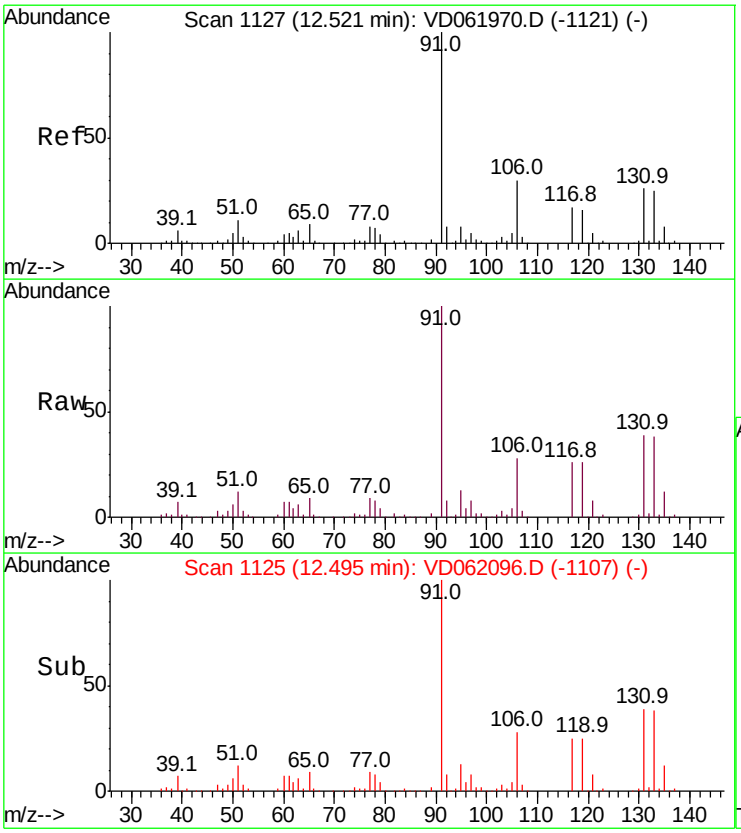

#65
Chlorobenzene
Concen: 49.493 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion:112 Resp: 722534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.9 | 25.8 | 38.8 |

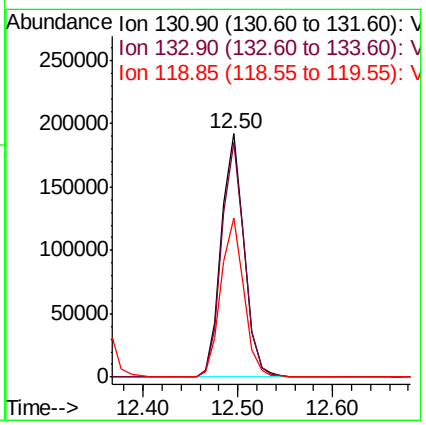


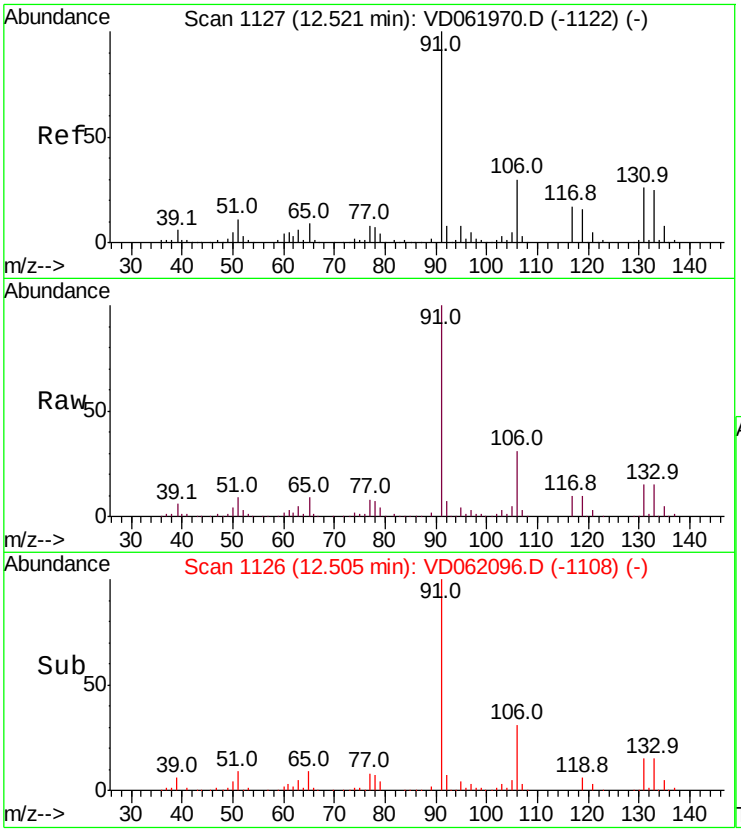




#66
1,1,1,2-Tetrachloroethane
Concen: 51.606 ug/l
RT: 12.50 min Scan# 1125
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:131 Resp: 319567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.5 | 48.6 | 145.8 |
| 119 | 65.6 | 34.7 | 104.1 |



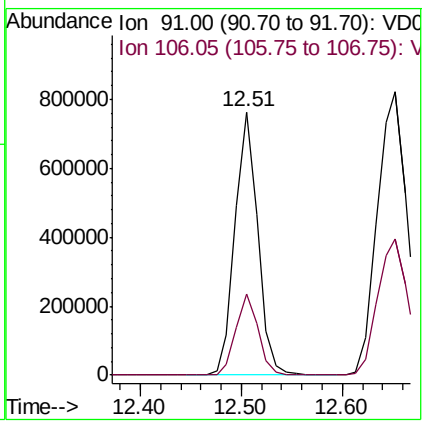


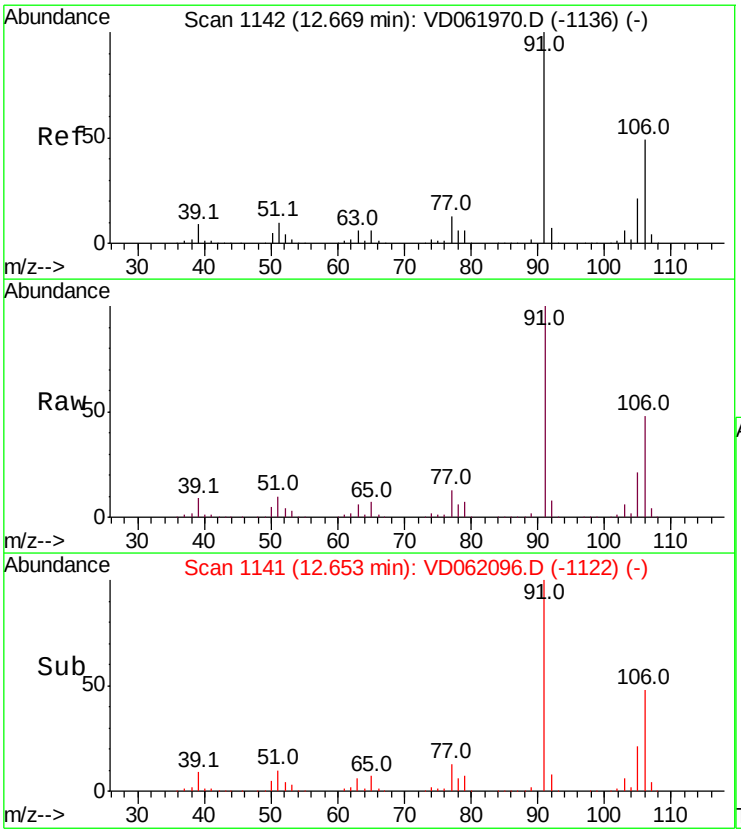

#67
Ethyl Benzene
Concen: 50.138 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion: 91 Resp: 1194668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.7 | 24.7 | 37.1 |

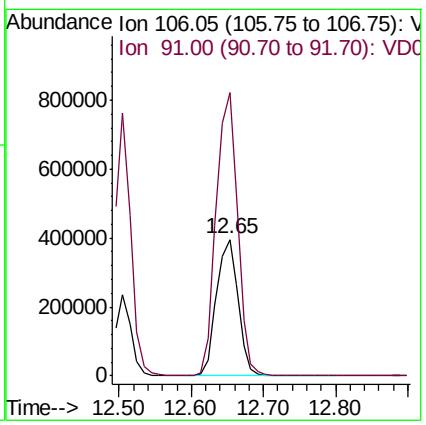


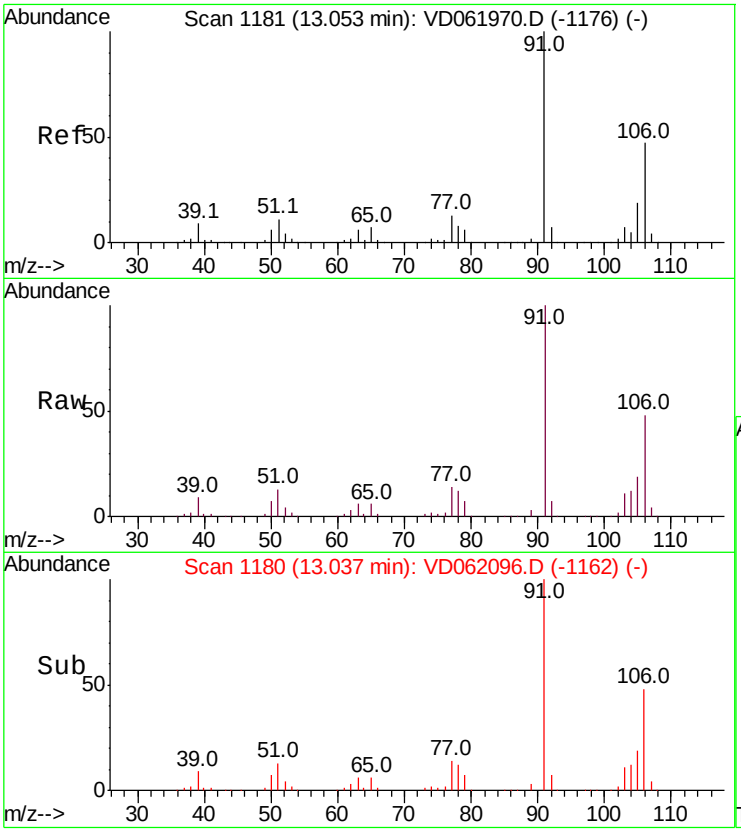




#68
m/p-Xylenes
Concen: 94.698 ug/l
RT: 12.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:106 Resp: 815533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 207.7 | 164.0 | 246.0 |



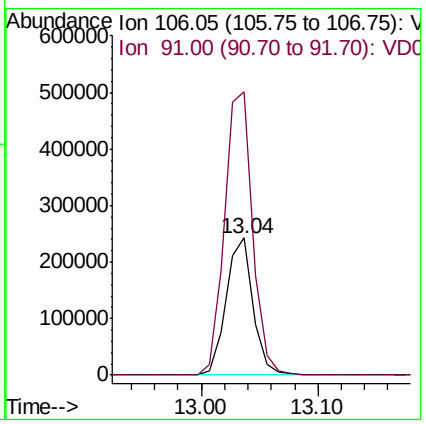


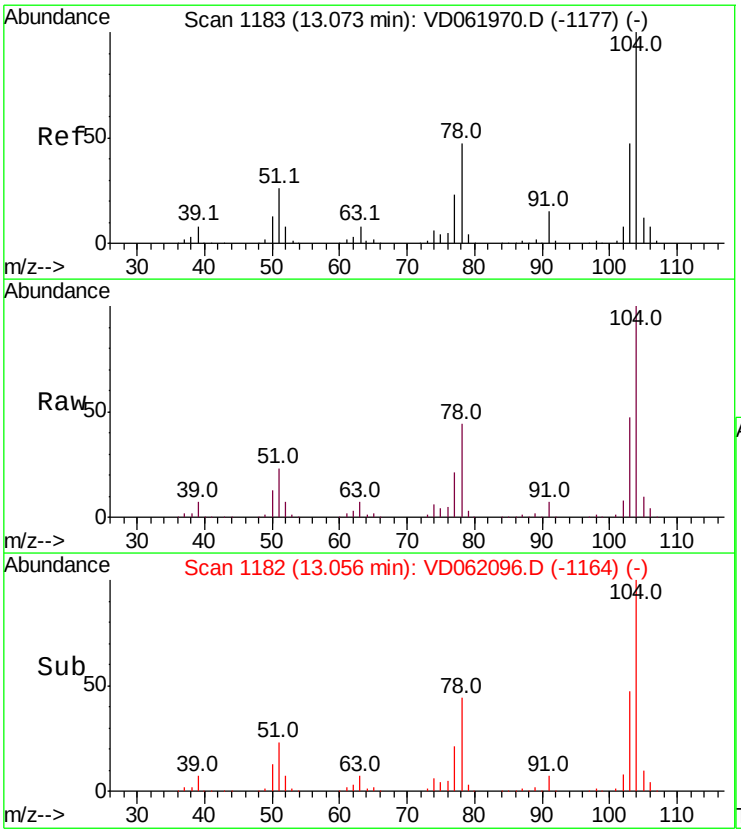

#69
o-Xylene
Concen: 48.723 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion:106 Resp: 383922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 206.3 | 106.7 | 319.9 |

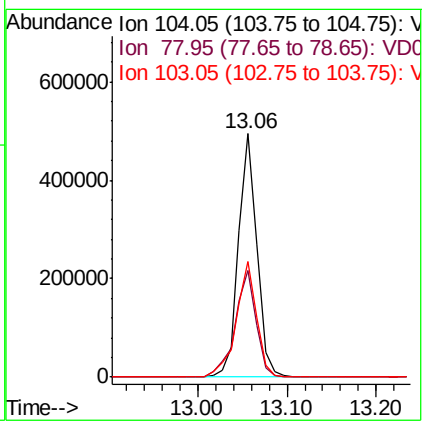


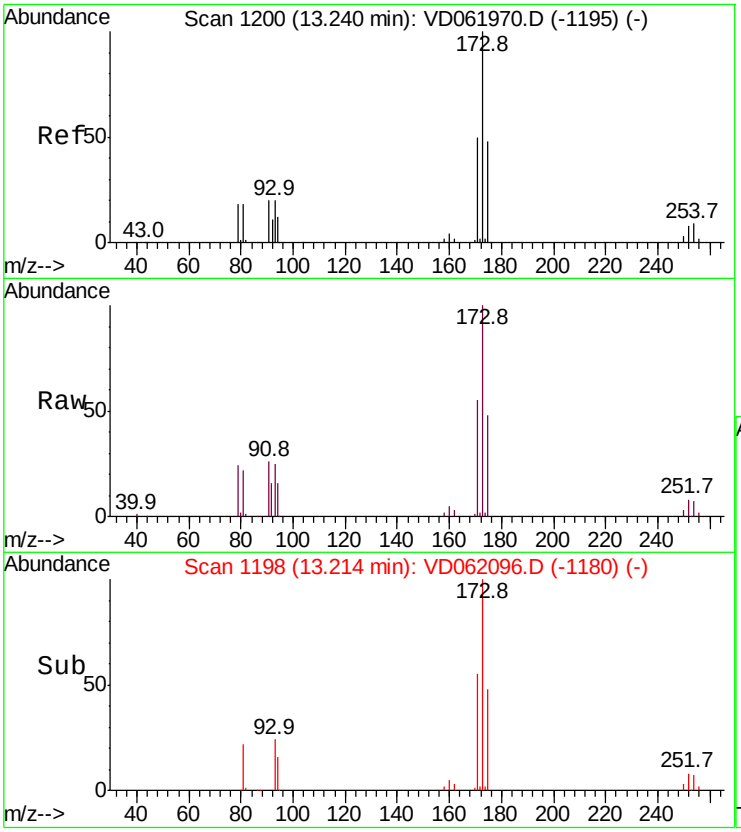




#70
Styrene
Concen: 52.359 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:104 Resp: 712378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 43.7 | 35.4 | 53.2 |
| 103 | 47.2 | 37.5 | 56.3 |



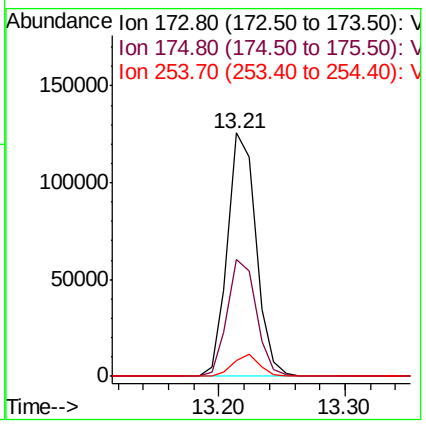


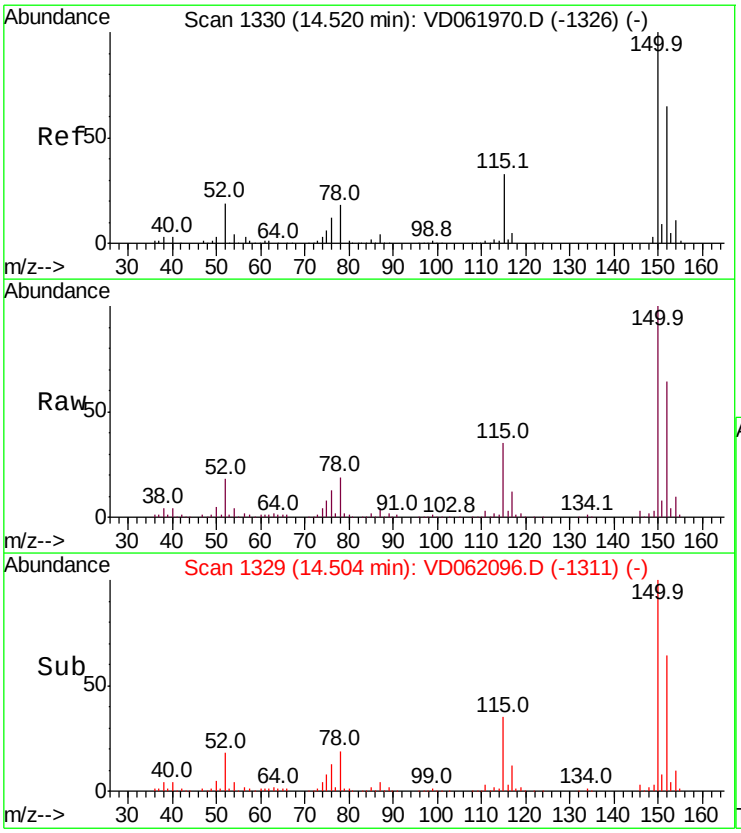

#71
Bromoform
Concen: 55.736 ug/l
RT: 13.21 min Scan# 1198
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion:173 Resp: 196769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 47.9 | 24.4 | 73.4 |
| 254 | 6.6 | 5.4 | 8.2 |

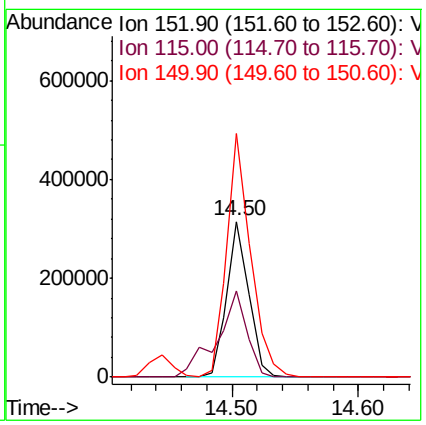


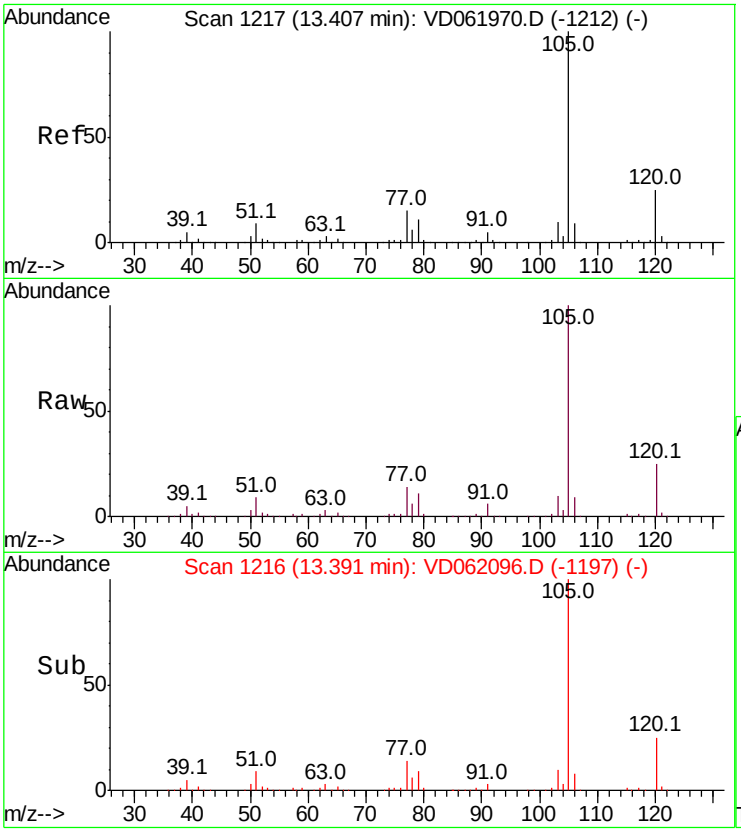




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:152 Resp: 377844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.1 | 30.9 | 92.7 |
| 150 | 156.4 | 0.0 | 314.8 |



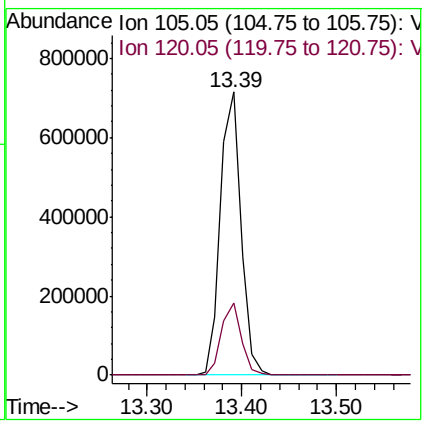


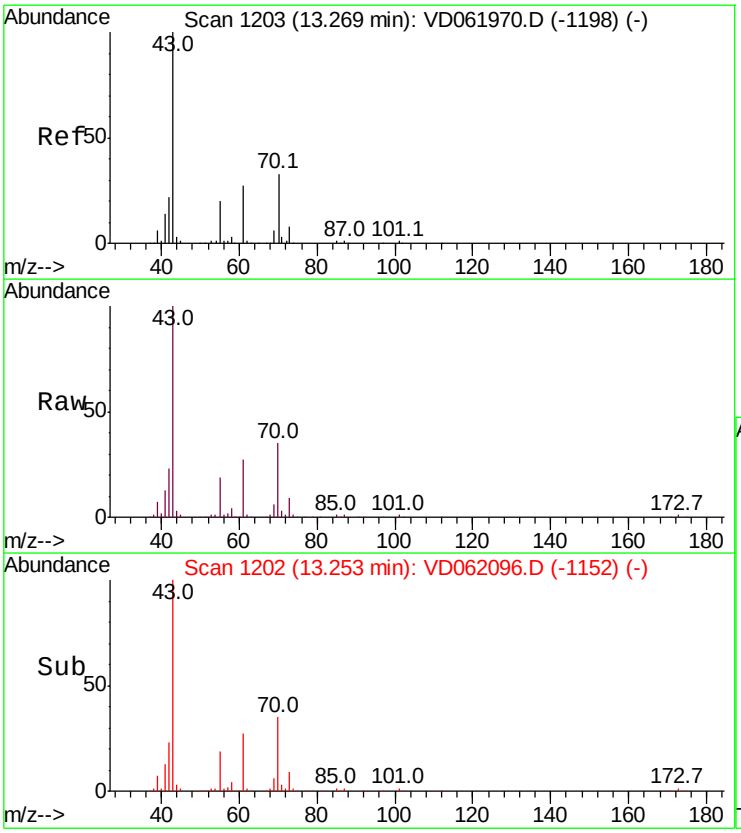

#73
Isopropylbenzene
Concen: 42.870 ug/l
RT: 13.39 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion:105 Resp: 1080530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.5 | 12.0 | 36.1 |

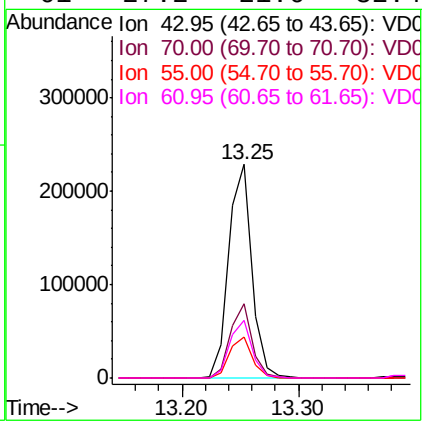


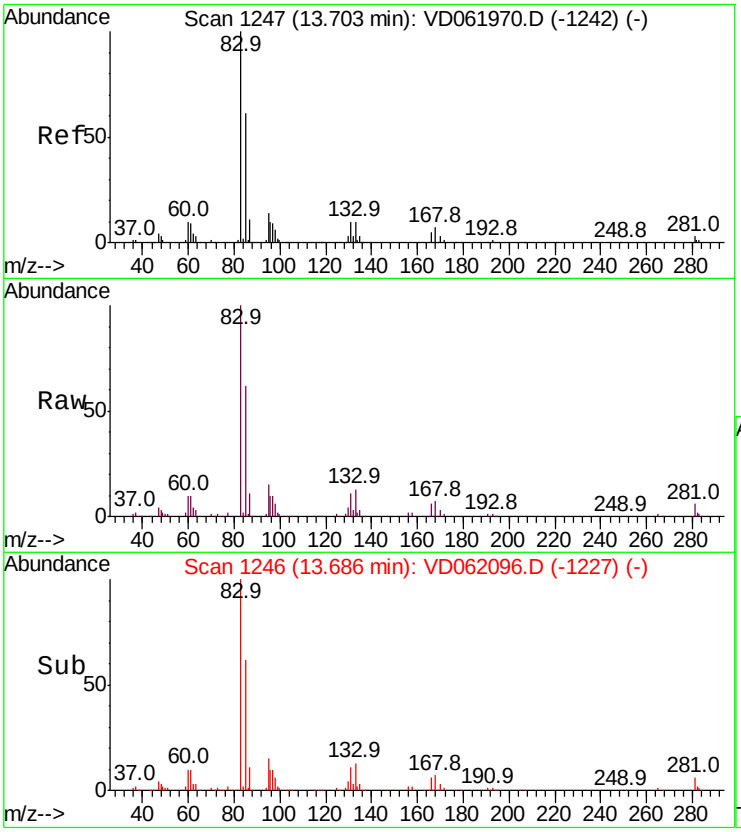




#74
N-amyl acetate
Concen: 48.411 ug/l
RT: 13.25 min Scan# 1202
Delta R.T. -0.01 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 43 Resp: 314245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 34.7 | 24.2 | 36.4 |
| 55 | 19.2 | 16.0 | 24.0 |
| 61 | 27.2 | 21.6 | 32.4 |



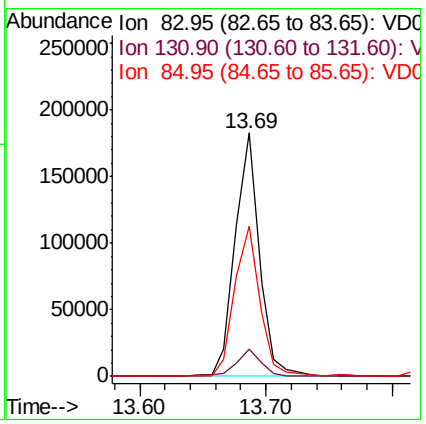


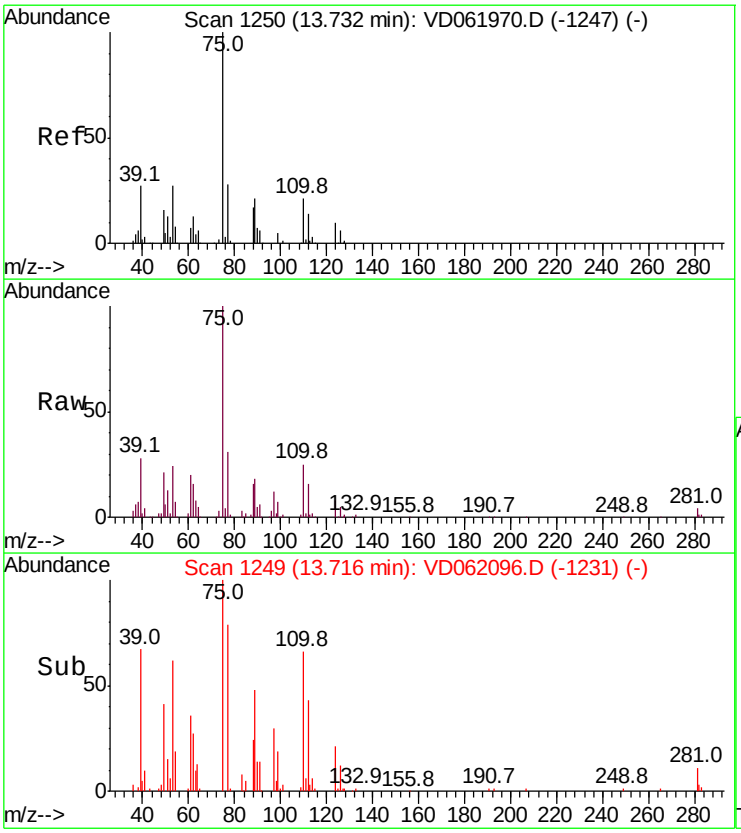

#75
1,1,2,2-Tetrachloroethane
Concen: 49.033 ug/l
RT: 13.69 min Scan# 1246
Delta R.T. -0.01 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 242185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.3 | 5.0 | 14.9 |
| 85 | 61.9 | 32.6 | 97.7 |

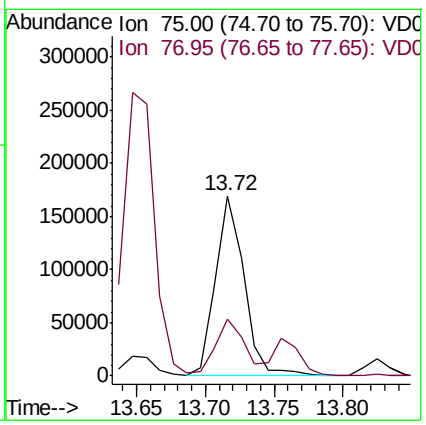


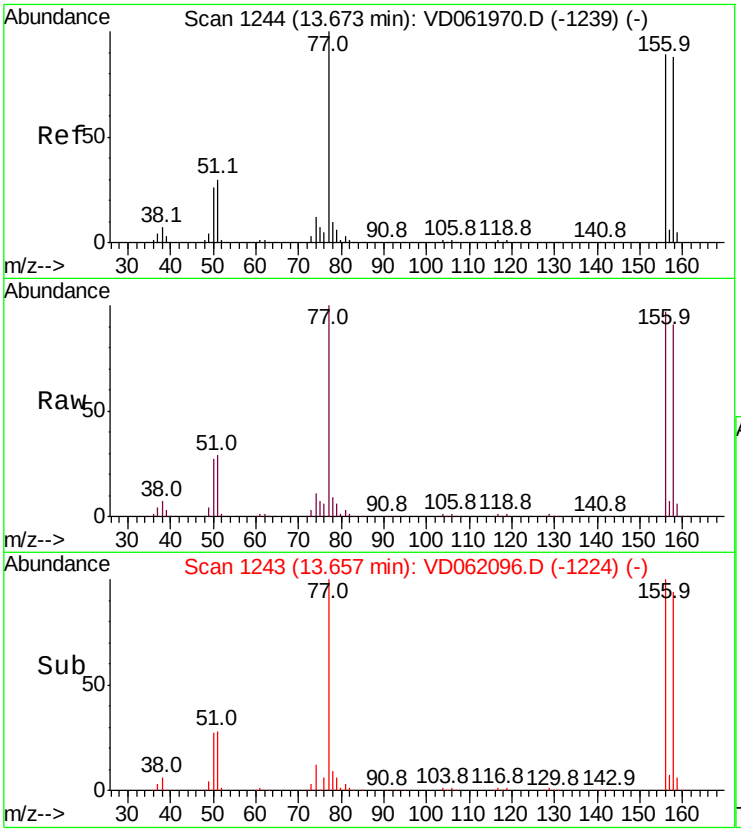




#76
1,2,3-Trichloropropane
Concen: 50.756 ug/l
RT: 13.72 min Scan# 1249
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 75 Resp: 243529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.2 | 16.4 | 49.4 |



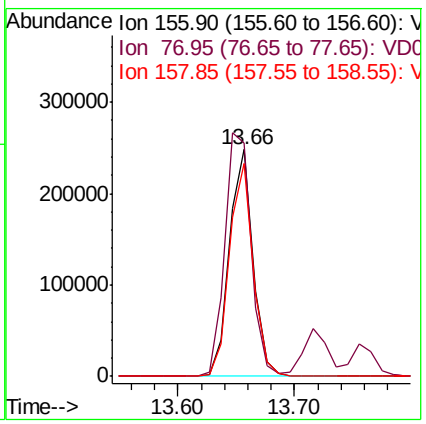


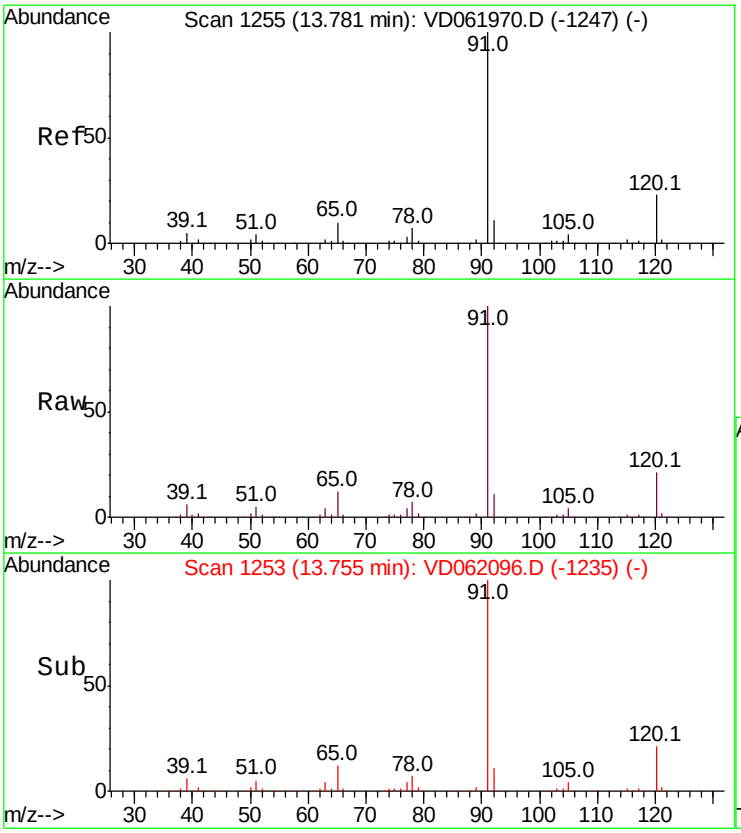

#77
Bromobenzene
Concen: 47.975 ug/l
RT: 13.66 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion:156 Resp: 346881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 102.9 | 53.1 | 159.4 |
| 158 | 93.9 | 49.4 | 148.0 |

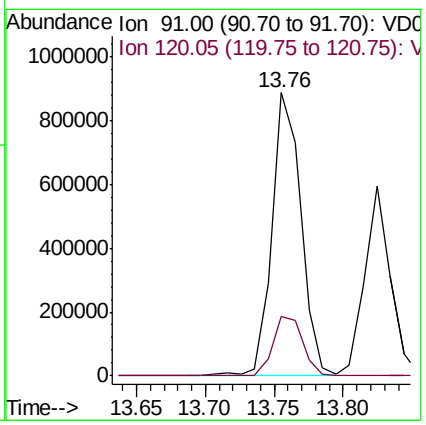


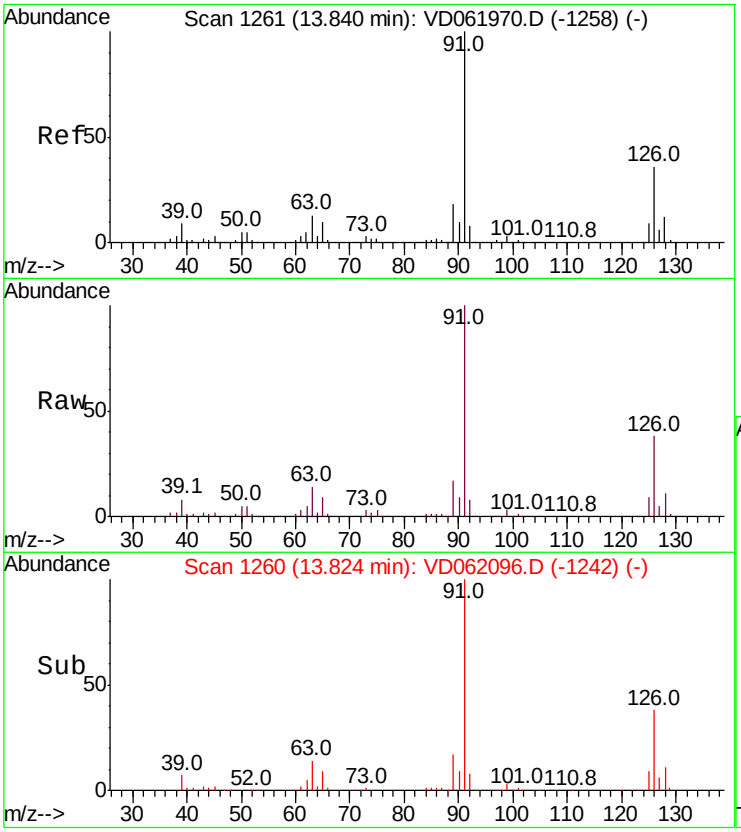




#78
n-propylbenzene
Concen: 44.859 ug/l
RT: 13.76 min Scan# 1253
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 91 Resp: 1294334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 20.9 | 11.1 | 33.1 |



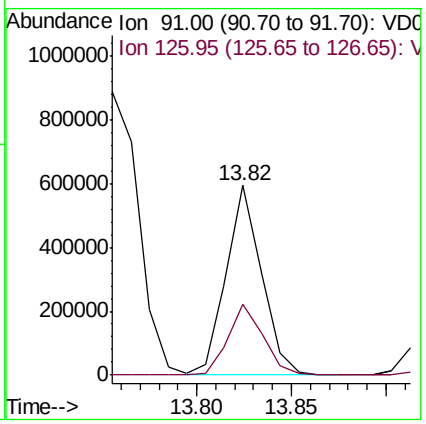


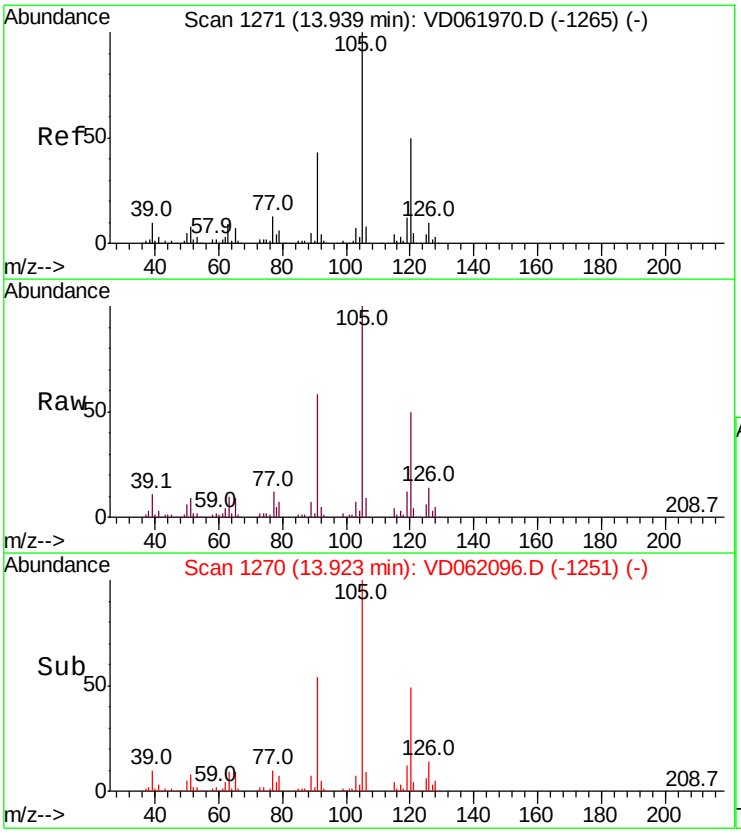

#79
2-Chlorotoluene
Concen: 44.148 ug/l
RT: 13.82 min Scan# 1260
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 91 Resp: 771583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 37.7 | 18.6 | 55.8 |

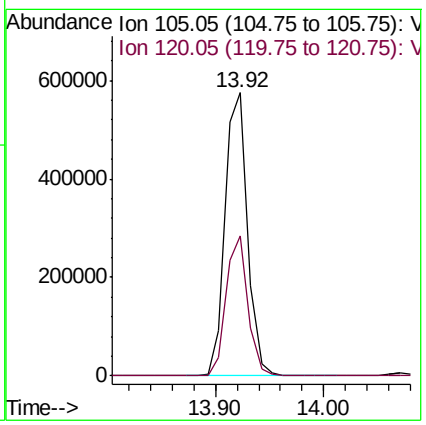


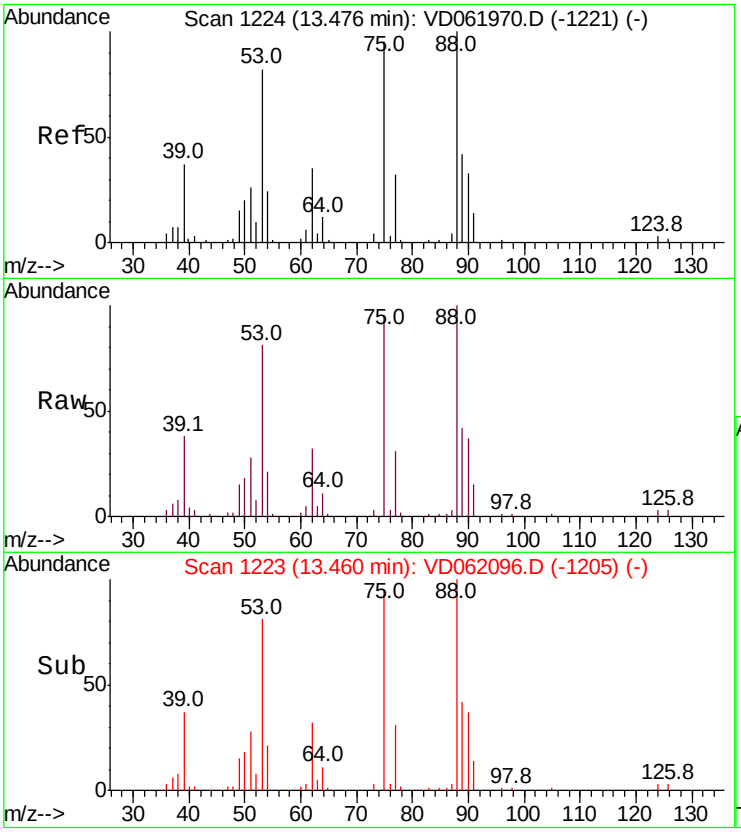




#80
1,3,5-Trimethylbenzene
Concen: 41.059 ug/l
RT: 13.92 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:105 Resp: 825188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.7 | 24.0 | 72.0 |



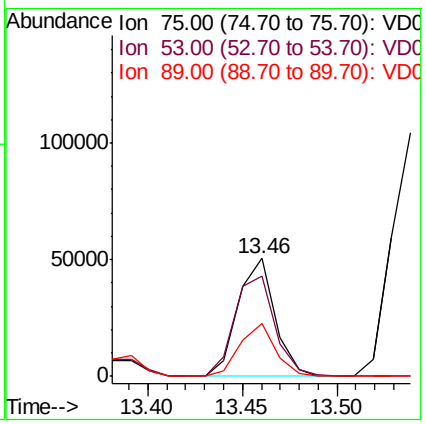


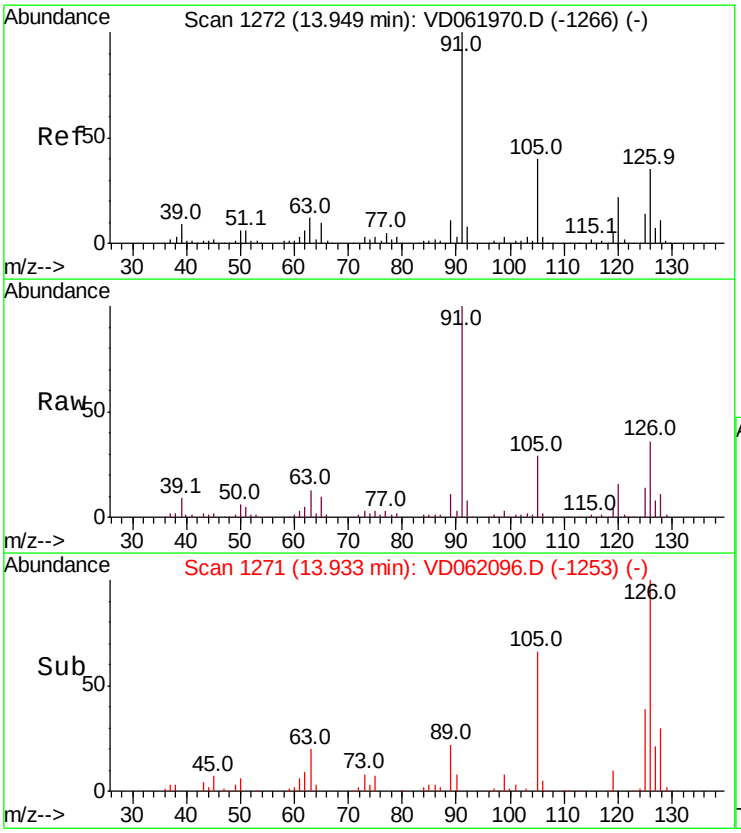

#81
trans-1,4-Dichloro-2-butene
Concen: 47.394 ug/l
RT: 13.46 min Scan# 1223
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion: 75 Resp: 68911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 84.8 | 65.8 | 98.8 |
| 89 | 44.6 | 35.0 | 52.6 |

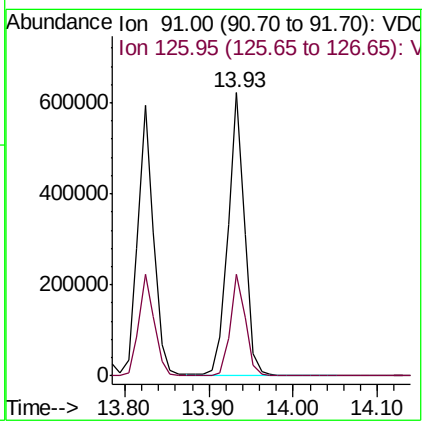


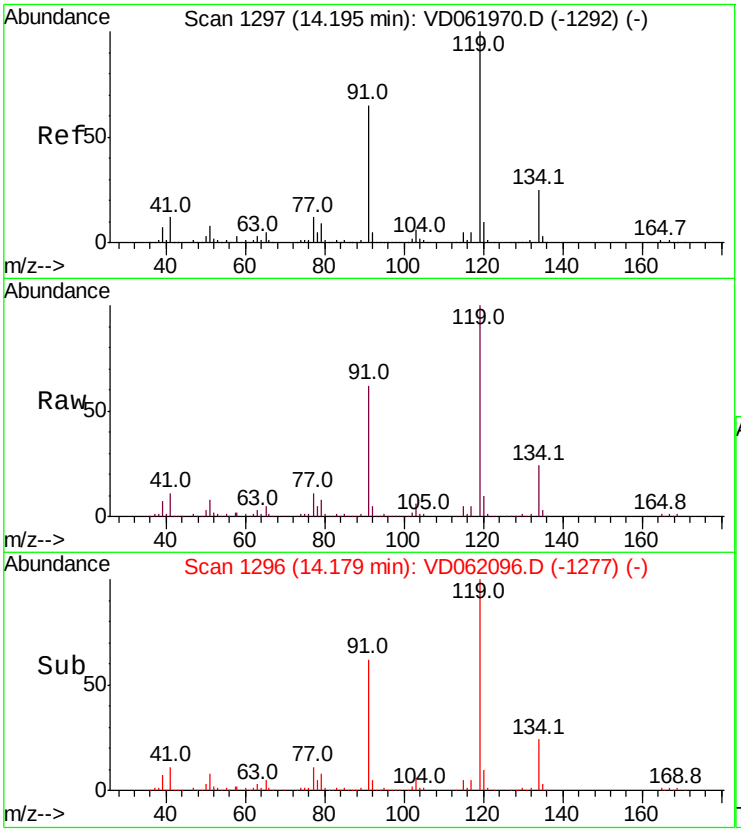




#82
4-Chlorotoluene
Concen: 43.801 ug/l
RT: 13.93 min Scan# 1271
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 91 Resp: 843045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 36.1 | 19.1 | 57.5 |



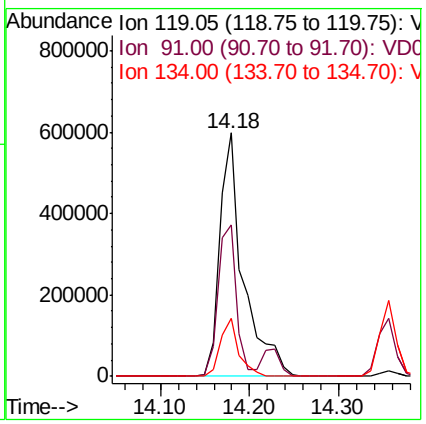


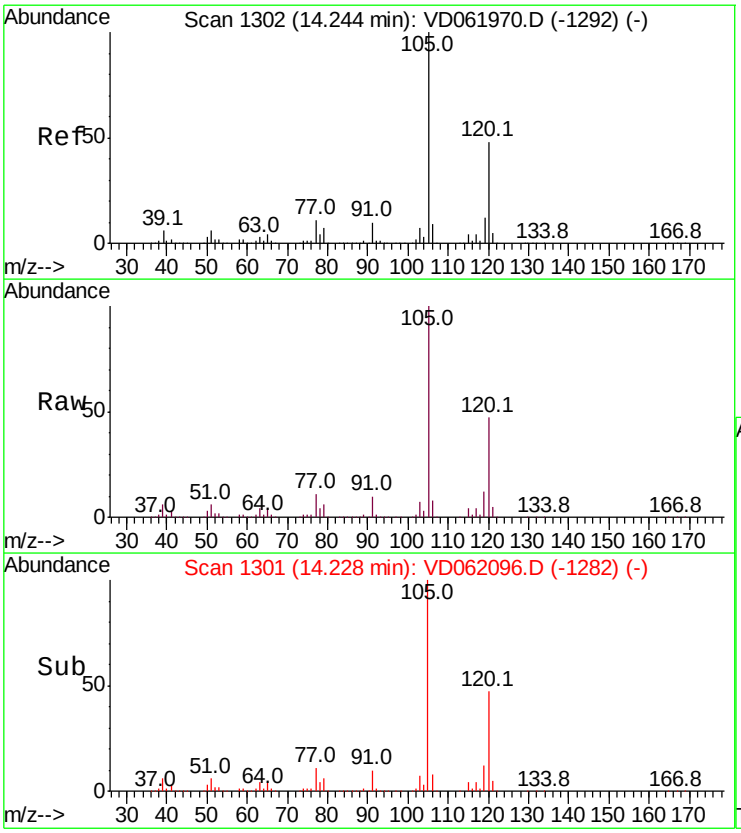

#83
tert-Butylbenzene
Concen: 47.635 ug/l
RT: 14.18 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion:119 Resp: 1109025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 62.3 | 34.2 | 102.6 |
| 134 | 24.0 | 12.0 | 36.0 |

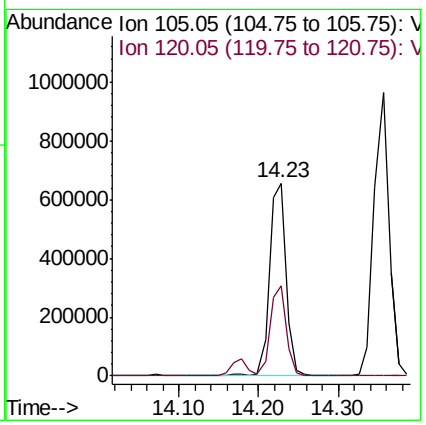


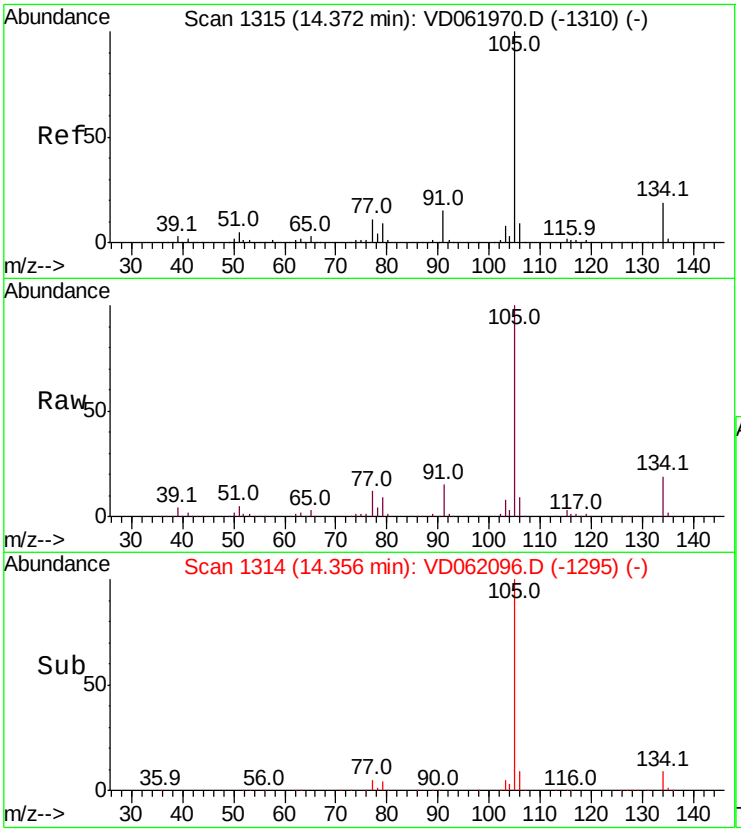




#84
1,2,4-Trimethylbenzene
Concen: 49.599 ug/l
RT: 14.23 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:105 Resp: 951795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.5 | 23.1 | 69.2 |



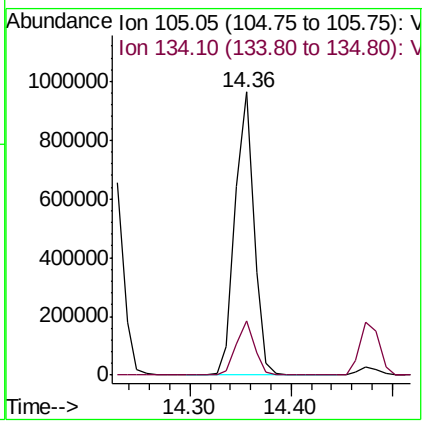


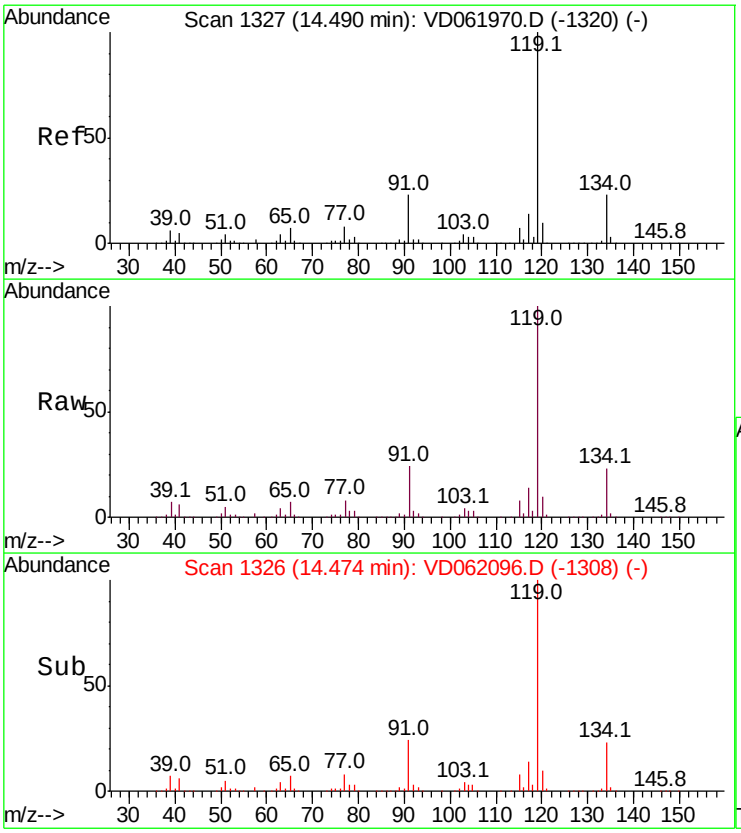

#85
sec-Butylbenzene
Concen: 49.548 ug/l
RT: 14.36 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion:105 Resp: 1246422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.4 | 8.9 | 26.7 |

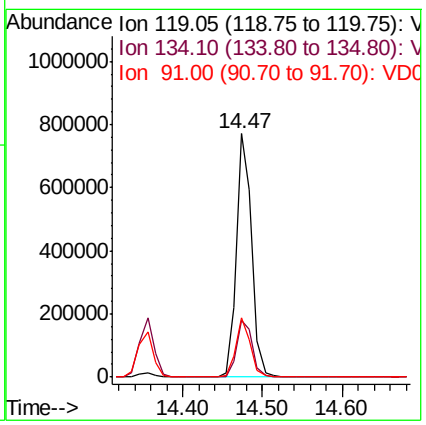


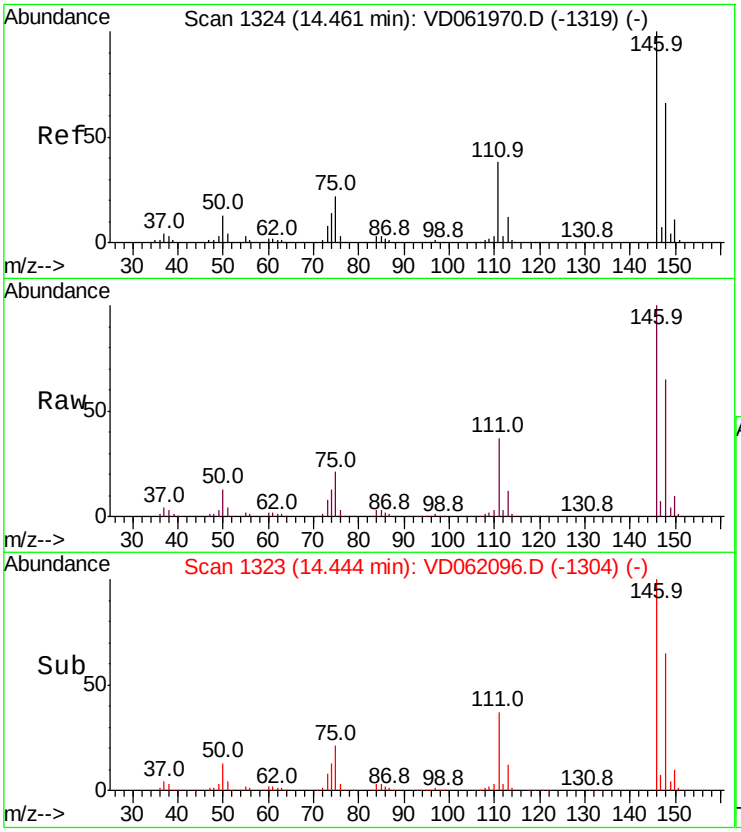




#86
p-Isopropyltoluene
Concen: 45.671 ug/l
RT: 14.47 min Scan# 1326
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:119 Resp: 1028246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 23.3 | 12.8 | 38.3 |
| 91 | 24.3 | 10.7 | 32.1 |



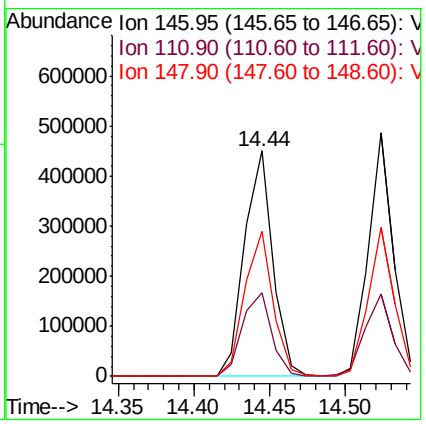


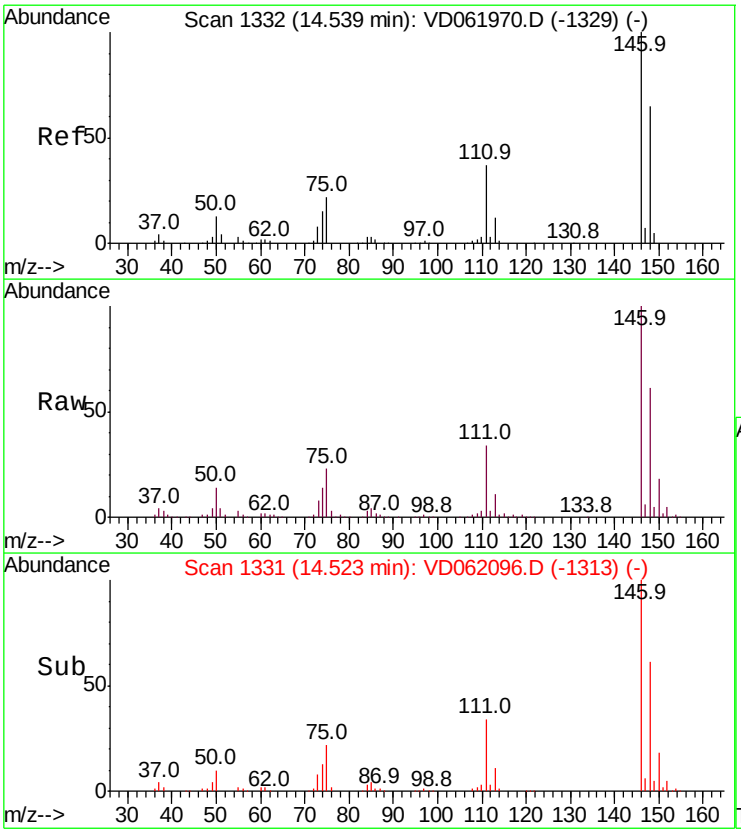

#87
1,3-Dichlorobenzene
Concen: 46.478 ug/l
RT: 14.44 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion:146 Resp: 588496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.3 | 20.0 | 60.0 |
| 148 | 64.6 | 31.8 | 95.4 |

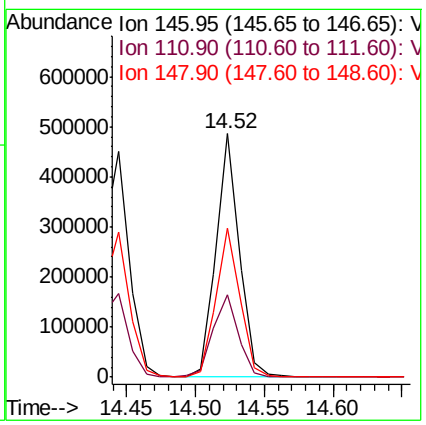


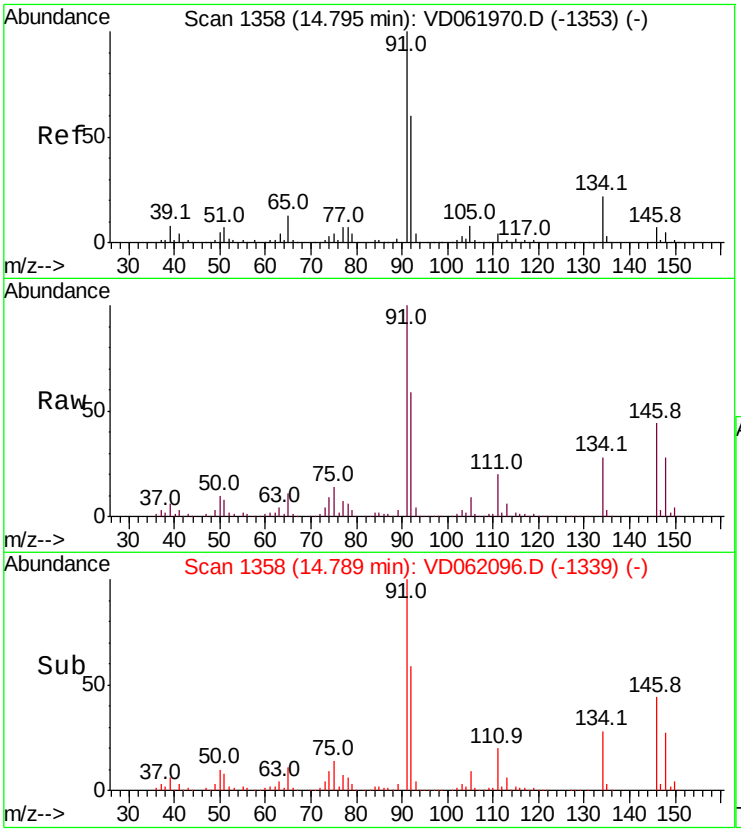




#88
1,4-Dichlorobenzene
Concen: 47.747 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:146 Resp: 565390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 34.1 | 20.2 | 60.5 |
| 148 | 61.3 | 32.0 | 96.2 |



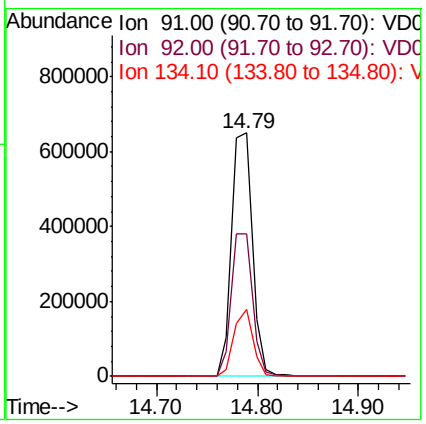


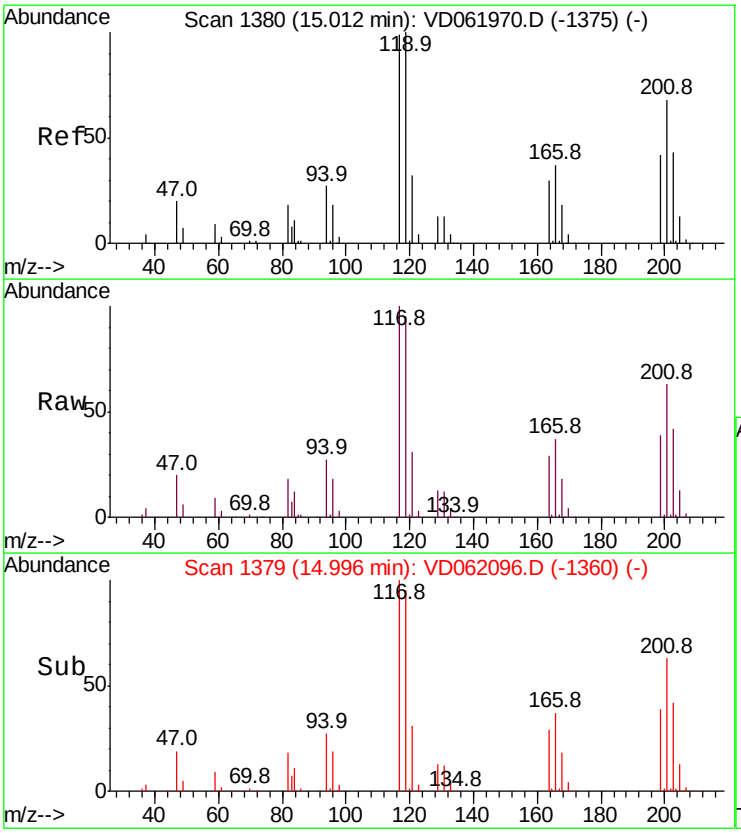

#89
n-Butylbenzene
Concen: 45.987 ug/l
RT: 14.79 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :** MSVOA_D
**ClientSampleId :** VSTDCCC050

Tgt Ion: 91 Resp: 929509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 58.7 | 30.3 | 91.0 |
| 134 | 27.7 | 14.5 | 43.6 |

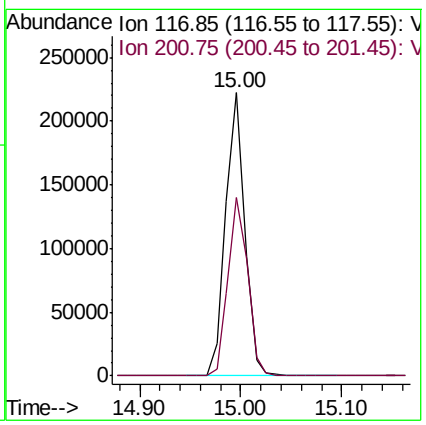


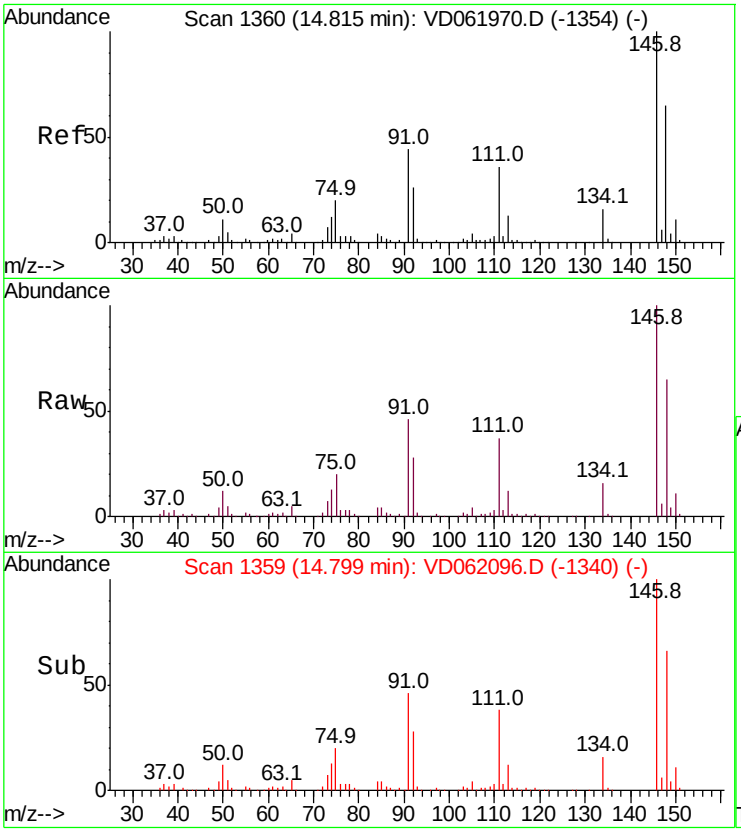




#90
Hexachloroethane
Concen: 48.268 ug/l
RT: 15.00 min Scan# 1379
Delta R.T. -0.01 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:117 Resp: 293853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 62.9 | 30.2 | 90.6 |



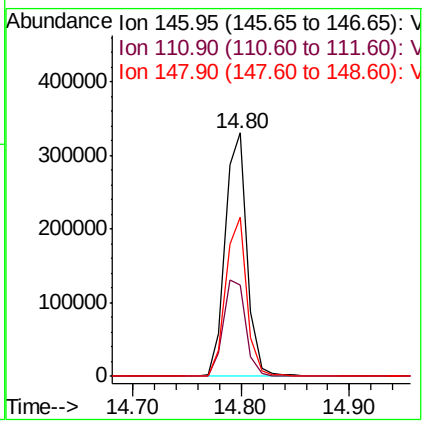


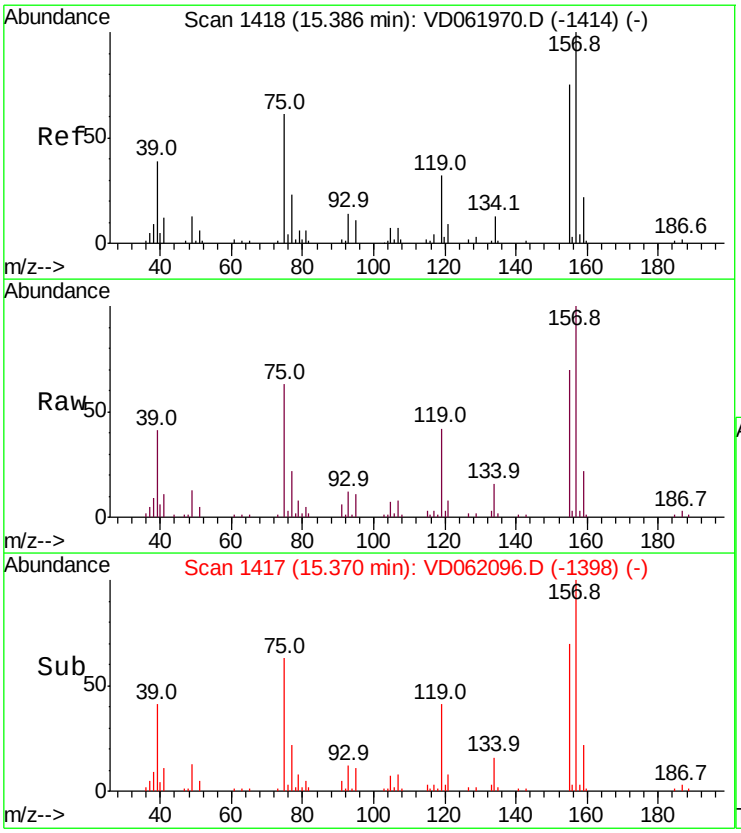

#91
1,2-Dichlorobenzene
Concen: 44.526 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. -0.01 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion:146 Resp: 465056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.5 | 20.0 | 59.9 |
| 148 | 65.4 | 32.3 | 96.8 |

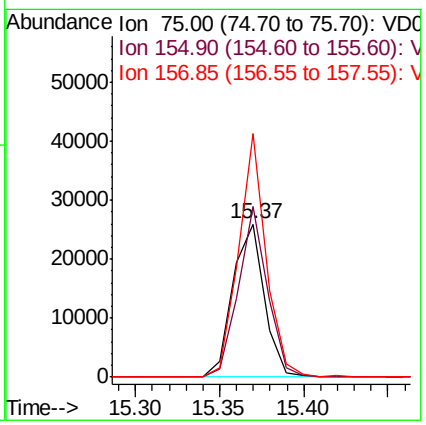


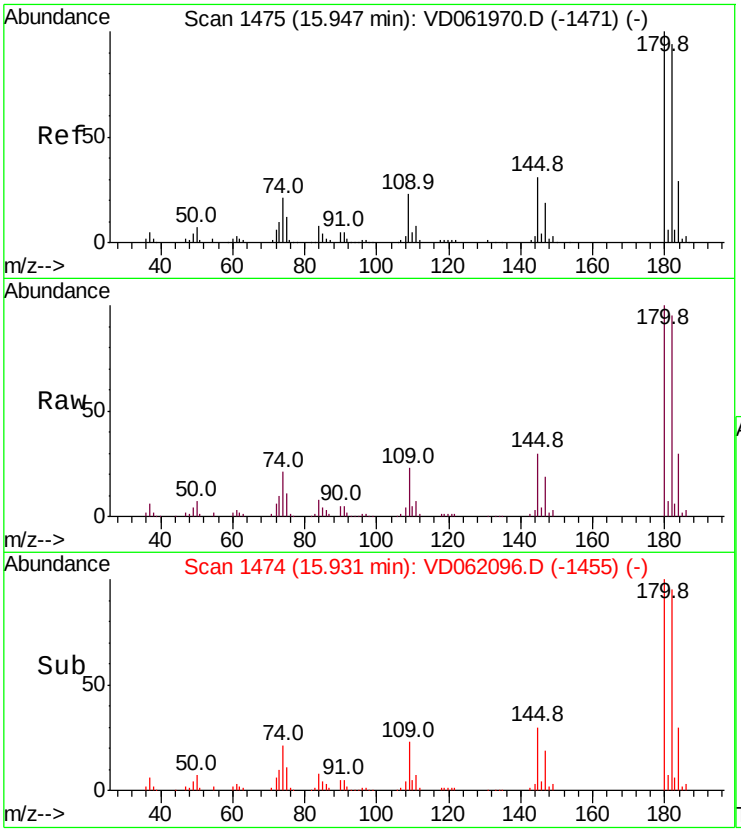




#92
1,2-Dibromo-3-Chloropropane
Concen: 46.250 ug/l
RT: 15.37 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion: 75 Resp: 33598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 111.5 | 55.3 | 165.8 |
| 157 | 159.3 | 67.8 | 203.2 |



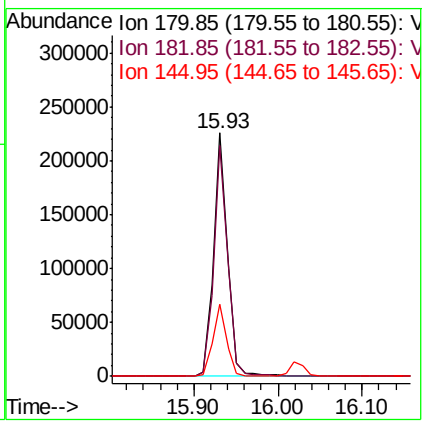


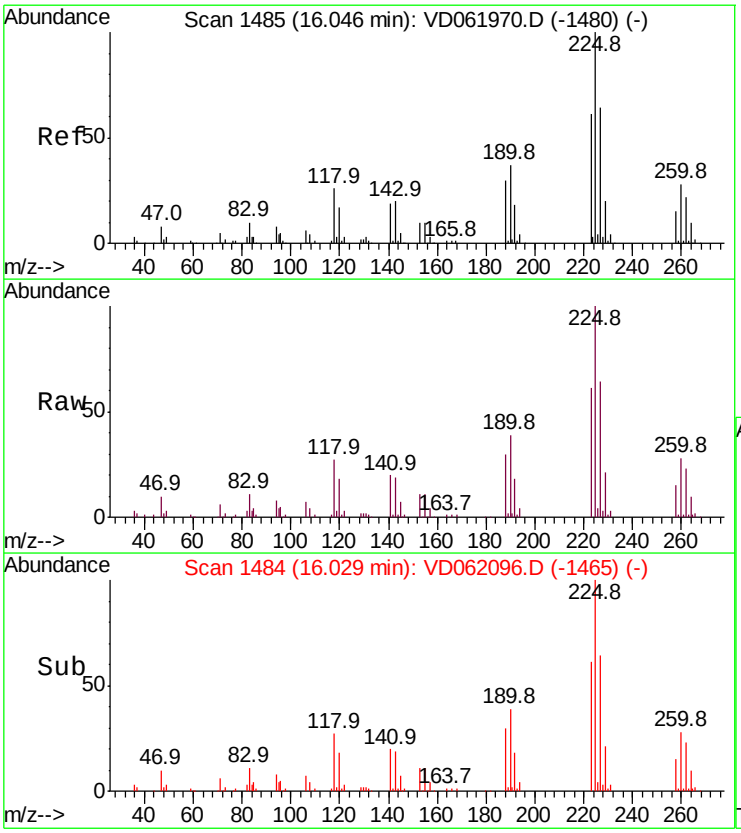

#93
1,2,4-Trichlorobenzene
Concen: 46.004 ug/l
RT: 15.93 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion:180 Resp: 259257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.9 | 49.3 | 147.8 |
| 145 | 29.5 | 16.2 | 48.6 |

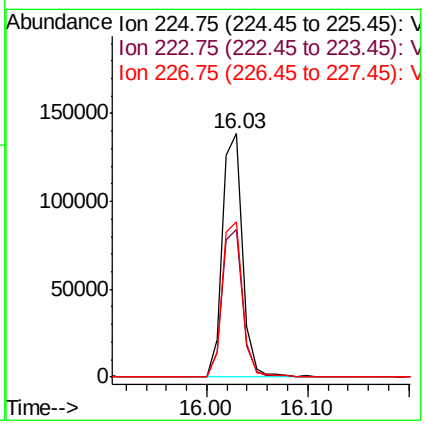


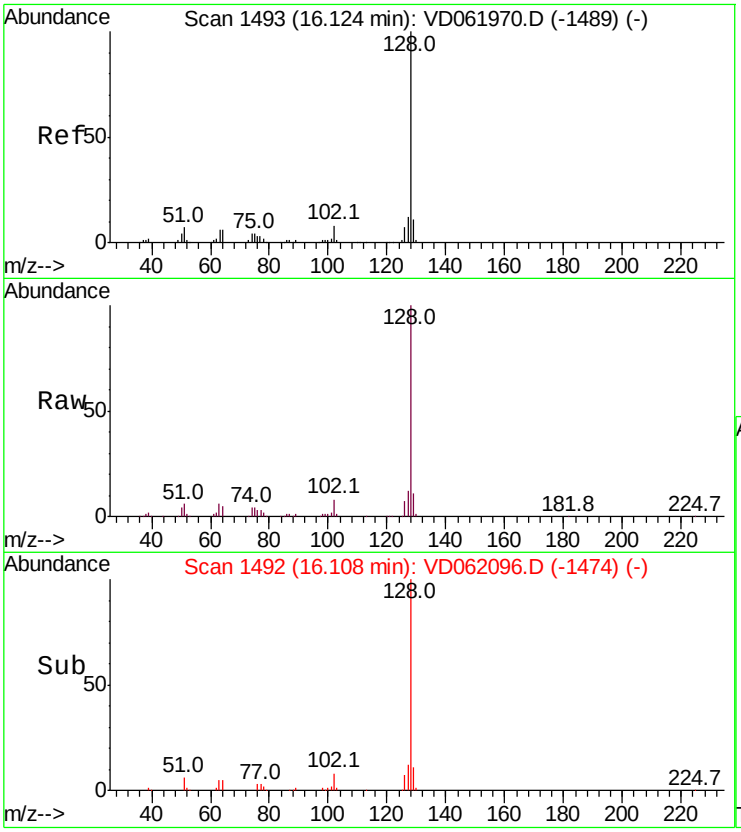




#94
Hexachlorobutadiene
Concen: 46.192 ug/l
RT: 16.03 min Scan# 1484
Delta R.T. -0.01 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:225 Resp: 192639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.5 | 30.6 | 92.0 |
| 227 | 63.6 | 32.0 | 96.2 |



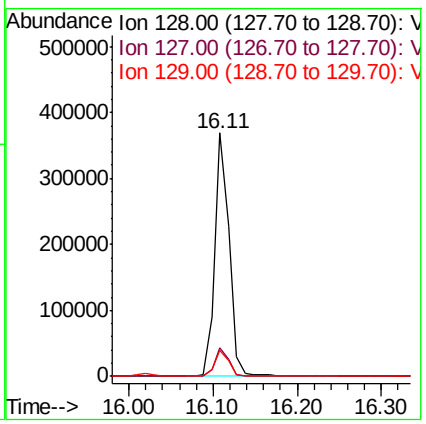


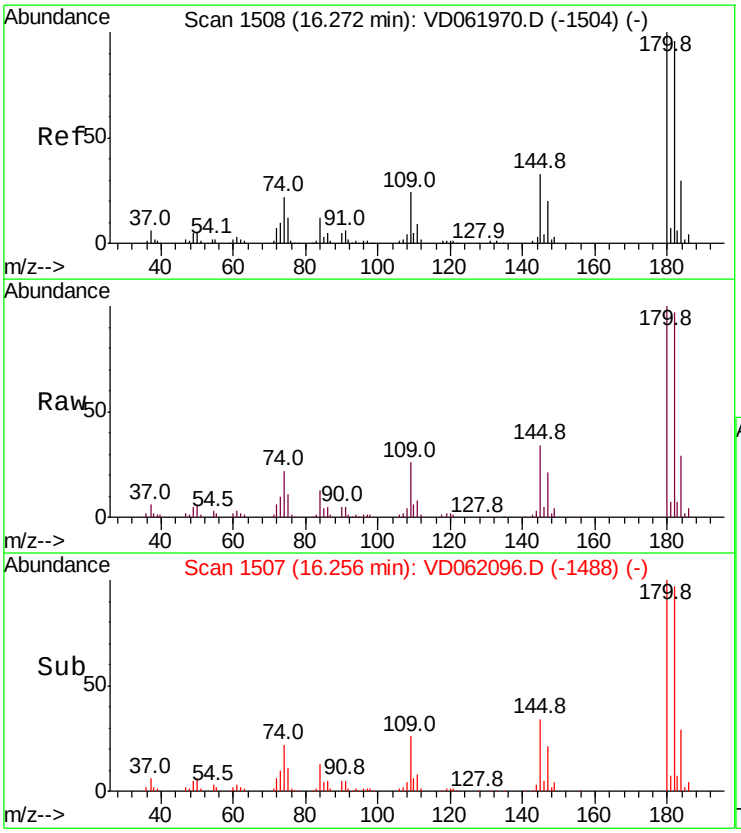

#95
Naphthalene
Concen: 47.921 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.02 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

**Instrument :**
MSVOA_D
**ClientSampleId :**
VSTDCCC050

Tgt Ion:128 Resp: 436038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 11.9 | 9.8 | 14.8 |
| 129 | 10.5 | 8.8 | 13.2 |




#96
1,2,3-Trichlorobenzene
Concen: 49.208 ug/l
RT: 16.26 min Scan# 1507
Delta R.T. -0.01 min
Lab File: VD062096.D
Acq: 1 May 2019 11:47

Tgt Ion:180 Resp: 157343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.5 | 47.0 | 141.0 |
| 145 | 34.2 | 17.0 | 51.0 |