Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF083018\
Data File : VF060195.D
Acq On : 29 Aug 2018 17:53
Operator : VA/AP
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC150

Quant Time: Aug 30 03:52:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F083018S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 30 02:37:52 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.05 | 168 | 157191 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 5.77 | 114 | 246951 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 9.93 | 117 | 252569 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.64 | 152 | 159142 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.03 | 65 | 429447 | 328.25 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 656.50% | | | | |
| 35) Dibromofluoromethane | 4.30 | 113 | 321148 | 186.70 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 373.40% | | | | |
| 50) Toluene-d8 | 7.72 | 98 | 792793 | 143.88 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 287.76% | | | | |
| 62) 4-Bromofluorobenzene | 11.51 | 95 | 450048 | 199.25 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 398.50% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 0.96 | 85 | 400547 | 127.007 | ug/l | | 98 |
| 3) Chloromethane | 1.08 | 50 | 249739 | 194.149 | ug/l | | 93 |
| 4) Vinyl Chloride | 1.12 | 62 | 195334 | 160.659 | ug/l | | 100 |
| 5) Bromomethane | 1.32 | 94 | 150552 | 217.803 | ug/l | | 97 |
| 6) Chloroethane | 1.39 | 64 | 91750 | 127.744 | ug/l | | 92 |
| 7) Trichlorofluoromethane | 1.48 | 101 | 299960 | 57.365 | ug/l | | 99 |
| 8) Diethyl Ether | 1.71 | 74 | 78632 | 307.354 | ug/l | | 87 |
| 9) 1,1,2-Trichlorotrifluoroet | 1.85 | 101 | 236979 | 102.972 | ug/l | | 94 |
| 10) Methyl Iodide | 1.93 | 142 | 205384 | 167.088 | ug/l | | 94 |
| 11) Tert butyl alcohol | 2.70 | 59 | 111469 | 3109.061 | ug/l | | 98 |
| 12) 1,1-Dichloroethene | 1.82 | 96 | 157123 | 108.074 | ug/l | | 97 |
| 13) Acrolein | 2.09 | 56 | 63063 | 2042.209 | ug/l | | 99 |
| 14) Allyl chloride | 2.19 | 41 | 213753 | 161.829 | ug/l | | 97 |
| 15) Acrylonitrile | 3.09 | 53 | 163633 | 2221.121 | ug/l | | 99 |
| 16) Acetone | 2.35 | 43 | 443681 | 2074.865 | ug/l | | 98 |
| 17) Carbon Disulfide | 1.84 | 76 | 532063 | 124.499 | ug/l | | 99 |
| 18) Methyl Acetate | 2.46 | 43 | 133929 | 312.128 | ug/l | | 98 |
| 19) Methyl tert-butyl Ether | 2.54 | 73 | 589457 | 378.648 | ug/l | | 98 |
| 20) Methylene Chloride | 2.28 | 84 | 180397 | 190.529 | ug/l | | 95 |
| 21) trans-1,2-Dichloroethene | 2.42 | 96 | 175403 | 139.764 | ug/l | | 95 |
| 22) Diisopropyl ether | 2.93 | 45 | 642931 | 268.387 | ug/l | | 97 |
| 23) Vinyl Acetate | 3.34 | 43 | 2075849 | 2454.448 | ug/l | # | 93 |
| 24) 1,1-Dichloroethane | 3.01 | 63 | 397139 | 176.473 | ug/l | | 100 |
| 25) 2-Butanone | 4.52 | 43 | 585056 | 2543.430 | ug/l | | 99 |
| 26) 2,2-Dichloropropane | 3.77 | 77 | 509511 | 281.197 | ug/l | | 98 |
| 27) cis-1,2-Dichloroethene | 3.64 | 96 | 251434 | 247.860 | ug/l | | 94 |
| 28) Bromochloromethane | 3.89 | 49 | 130130 | 231.732 | ug/l | | 100 |
| 29) Tetrahydrofuran | 4.26 | 42 | 217870 | 2328.614 | ug/l | | 95 |
| 30) Chloroform | 4.04 | 83 | 621899 | 226.746 | ug/l | | 94 |
| 31) Cyclohexane | 3.86 | 56 | 292436 | 144.707 | ug/l | | 98 |
| 32) 1,1,1-Trichloroethane | 4.28 | 97 | 587968 | 166.463 | ug/l | | 99 |
| 36) 1,1-Dichloropropene | 4.47 | 75 | 405904 | 122.746 | ug/l | | 96 |
| 37) Ethyl Acetate | 4.30 | 43 | 238674 | 377.599 | ug/l | # | 76 |
| 38) Carbon Tetrachloride | 4.17 | 117 | 551618 | 123.023 | ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF083018\
Data File : VF060195.D
Acq On : 29 Aug 2018 17:53
Operator : VA/AP
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC150

Quant Time: Aug 30 03:52:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F083018S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 30 02:37:52 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 5.63 | 83 | 352943 | 114.256 | ug/l | | 97 |
| 40) Benzene | 4.81 | 78 | 755550 | 158.412 | ug/l | | 98 |
| 41) Methacrylonitrile | 4.93 | 41 | 111977 | 344.574 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 5.13 | 62 | 540473 | 266.985 | ug/l | | 100 |
| 43) Isopropyl Acetate | 7.12 | 43 | 308253 | 398.976 | ug/l | | 100 |
| 44) Trichloroethene | 5.68 | 130 | 261262 | 132.633 | ug/l | | 100 |
| 45) 1,2-Dichloropropane | 6.41 | 63 | 215214 | 198.236 | ug/l | | 92 |
| 46) Dibromomethane | 6.26 | 93 | 207825 | 309.827 | ug/l | | 94 |
| 47) Bromodichloromethane | 6.56 | 83 | 524329 | 237.850 | ug/l | | 96 |
| 48) Methyl methacrylate | 6.88 | 41 | 216257 | 352.408 | ug/l | | 95 |
| 49) 1,4-Dioxane | 6.87 | 88 | 38735 | 9098.573 | ug/l | | 91 |
| 51) 4-Methyl-2-Pentanone | 8.41 | 43 | 1180185 | 1692.196 | ug/l | | 100 |
| 52) Toluene | 7.79 | 92 | 547317 | 151.583 | ug/l | | 93 |
| 53) t-1,3-Dichloropropene | 8.44 | 75 | 448829 | 309.263 | ug/l | | 97 |
| 54) cis-1,3-Dichloropropene | 7.46 | 75 | 473960 | 269.429 | ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 8.65 | 97 | 225409 | 287.486 | ug/l | | 96 |
| 56) Ethyl methacrylate | 8.76 | 69 | 291993 | 378.197 | ug/l | | 94 |
| 57) 1,3-Dichloropropane | 9.00 | 76 | 404571 | 297.018 | ug/l | | 95 |
| 58) 2-Chloroethyl Vinyl ether | 7.78 | 63 | 114728 | 764.569 | ug/l | | 100 |
| 59) 2-Hexanone | 9.63 | 43 | 950327 | 1811.761 | ug/l | | 99 |
| 60) Dibromochloromethane | 8.87 | 129 | 377331 | 295.611 | ug/l | | 89 |
| 61) 1,2-Dibromoethane | 9.14 | 107 | 285881 | 332.017 | ug/l | | 97 |
| 64) Tetrachloroethene | 8.31 | 164 | 268652 | 92.601 | ug/l | | 96 |
| 65) Chlorobenzene | 9.95 | 112 | 721443 | 141.747 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.07 | 131 | 321321 | 181.650 | ug/l | | 97 |
| 67) Ethyl Benzene | 10.05 | 91 | 1229513 | 111.633 | ug/l | | 97 |
| 68) m/p-Xylenes | 10.27 | 106 | 867565 | 235.753 | ug/l | | 96 |
| 69) o-Xylene | 10.83 | 106 | 488247 | 144.667 | ug/l | | 93 |
| 70) Styrene | 10.91 | 104 | 728814 | 167.642 | ug/l | | 99 |
| 71) Bromoform | 10.89 | 173 | 240623 | 321.516 | ug/l | # | 99 |
| 73) Isopropylbenzene | 11.23 | 105 | 1437371 | 89.433 | ug/l | | 99 |
| 74) N-amyl acetate | 11.46 | 43 | 492323 | 296.730 | ug/l | | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 11.79 | 83 | 297465 | 220.019 | ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 11.89 | 75 | 260010 | 227.067 | ug/l | | 95 |
| 77) Bromobenzene | 11.60 | 156 | 383322 | 148.817 | ug/l | | 91 |
| 78) n-propylbenzene | 11.69 | 91 | 1610669 | 83.040 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.82 | 91 | 989105 | 105.662 | ug/l | | 95 |
| 80) 1,3,5-Trimethylbenzene | 11.92 | 105 | 1237766 | 99.717 | ug/l | | 95 |
| 81) trans-1,4-Dichloro-2-buten | 11.96 | 75 | 152943 | 453.245 | ug/l | | 97 |
| 82) 4-Chlorotoluene | 12.00 | 91 | 1126898 | 120.763 | ug/l | | 95 |
| 83) tert-Butylbenzene | 12.22 | 119 | 1144900 | 87.915 | ug/l | | 97 |
| 84) 1,2,4-Trimethylbenzene | 12.29 | 105 | 1243044 | 114.889 | ug/l | | 98 |
| 85) sec-Butylbenzene | 12.39 | 105 | 1553910 | 81.613 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 12.54 | 119 | 1346627 | 94.187 | ug/l | | 97 |
| 87) 1,3-Dichlorobenzene | 12.56 | 146 | 679604 | 126.976 | ug/l | | 97 |
| 88) 1,4-Dichlorobenzene | 12.65 | 146 | 695828 | 141.010 | ug/l | | 97 |
| 89) n-Butylbenzene | 12.92 | 91 | 1341608 | 107.881 | ug/l | | 97 |
| 90) Hexachloroethane | 13.00 | 117 | 333875 | 108.091 | ug/l | | 77 |
| 91) 1,2-Dichlorobenzene | 13.02 | 146 | 668878 | 154.972 | ug/l | | 94 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.72 | 75 | 86602 | 329.458 | ug/l | | 72 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF083018\
Data File : VF060195.D
Acq On : 29 Aug 2018 17:53
Operator : VA/AP
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC150

Quant Time: Aug 30 03:52:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F083018S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 30 02:37:52 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.27 | 180 | 517091 | 238.586 | ug/l | 94 |
| 94) Hexachlorobutadiene | 14.25 | 225 | 333680 | 95.913 | ug/l | 99 |
| 95) Naphthalene | 14.53 | 128 | 1006287 | 448.733 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 14.67 | 180 | 535105 | 287.100 | ug/l | 95 |

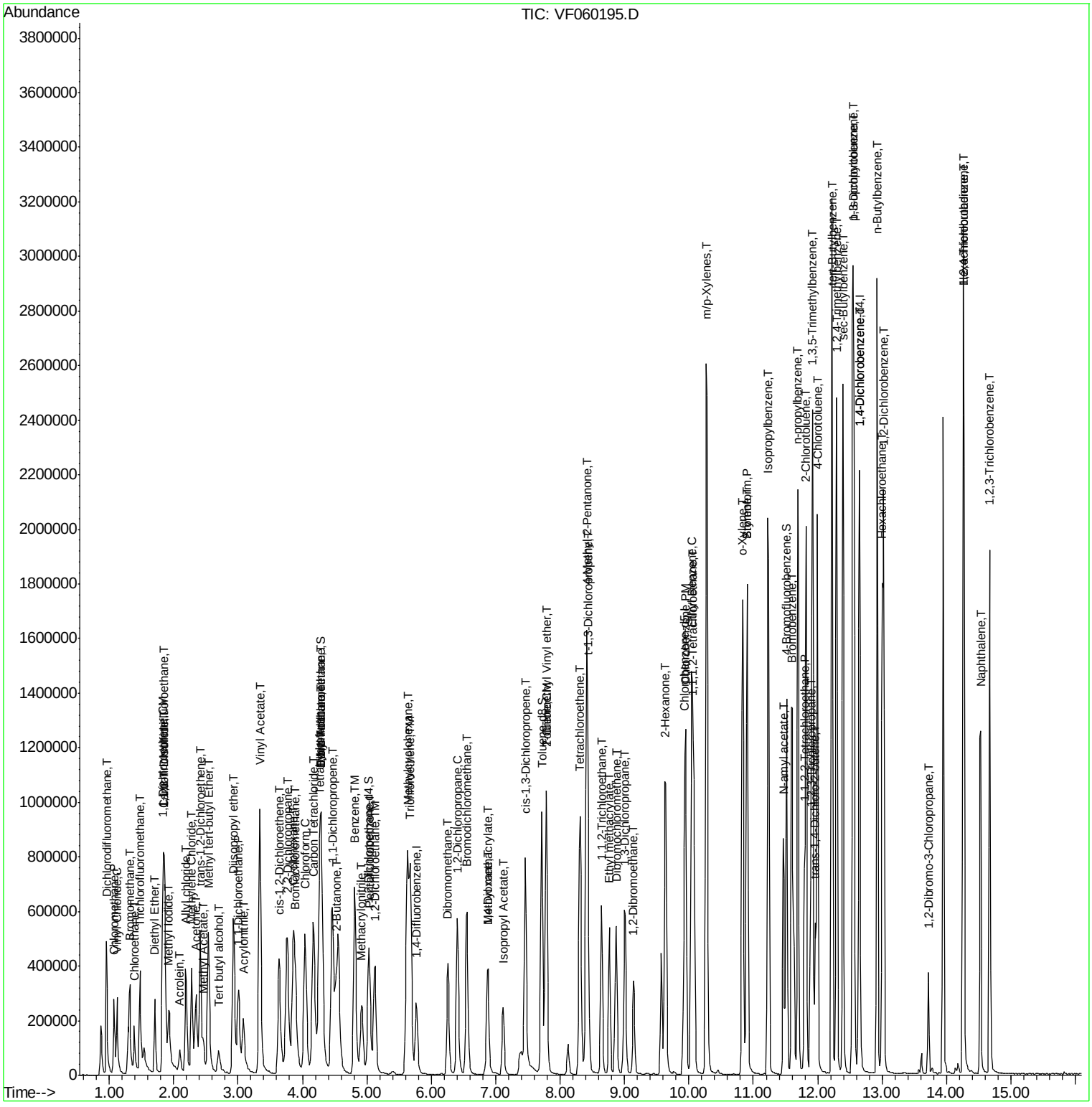
(#) = qualifier out of range (m) = manual integration (+) = signals summed

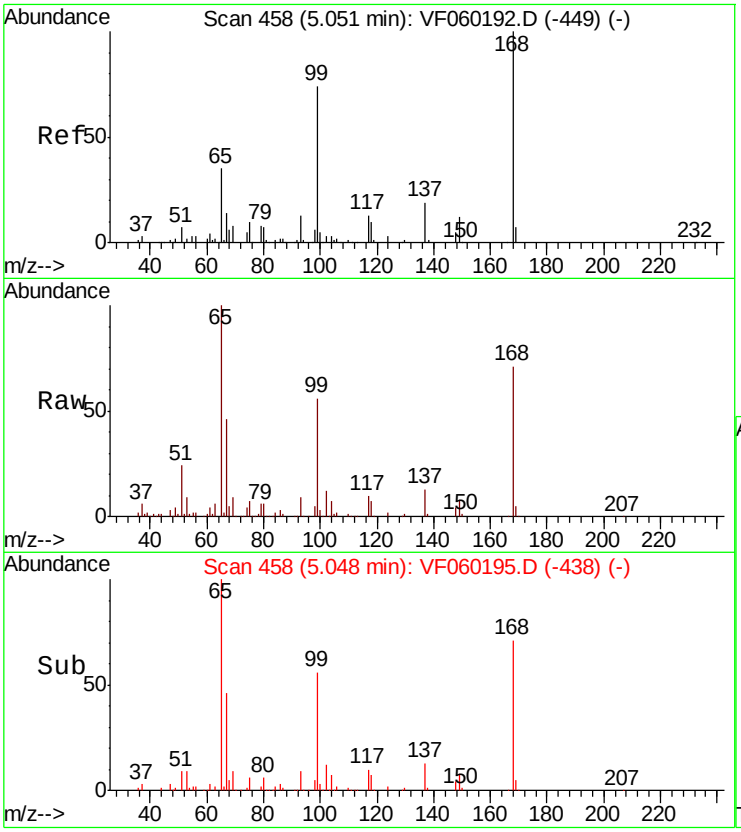
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF083018\
Data File : VF060195.D
Acq On : 29 Aug 2018 17:53
Operator : VA/AP
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Quant Time: Aug 30 03:52:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F083018S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 30 02:37:52 2018
Response via : Initial Calibration



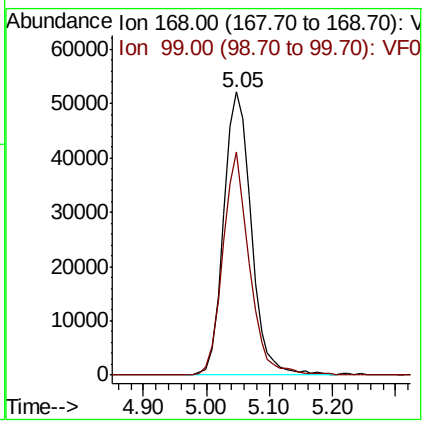


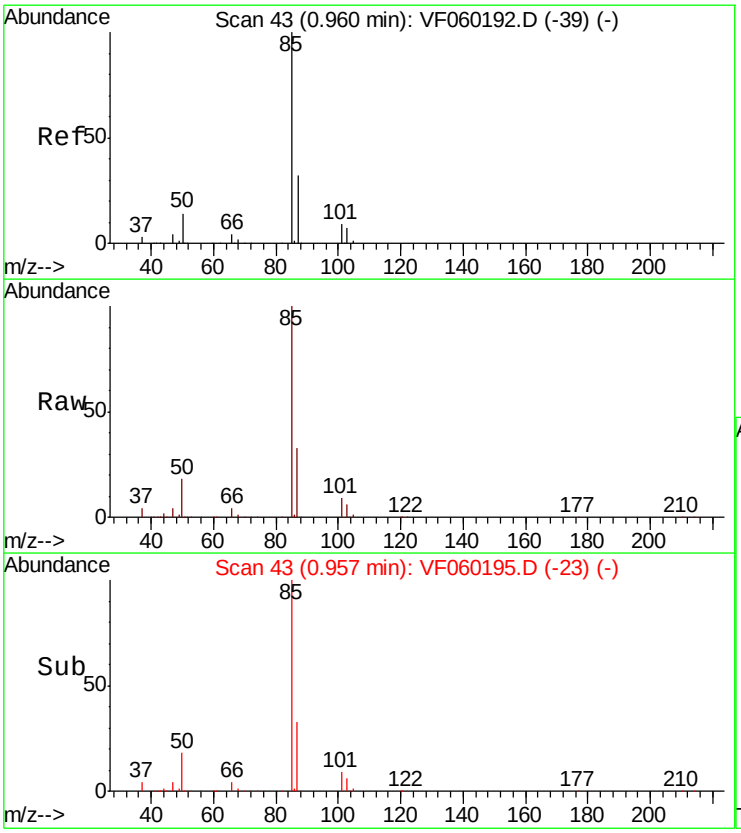

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 458
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion:168 Resp: 157191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 78.8 | 59.4 | 89.0 |

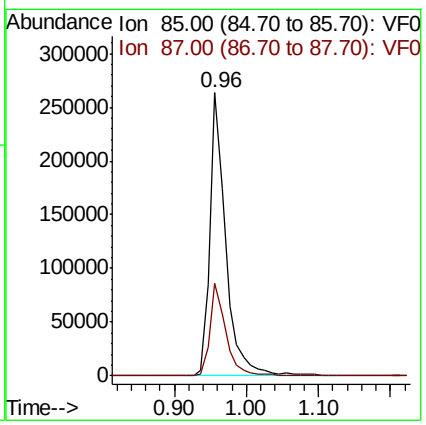


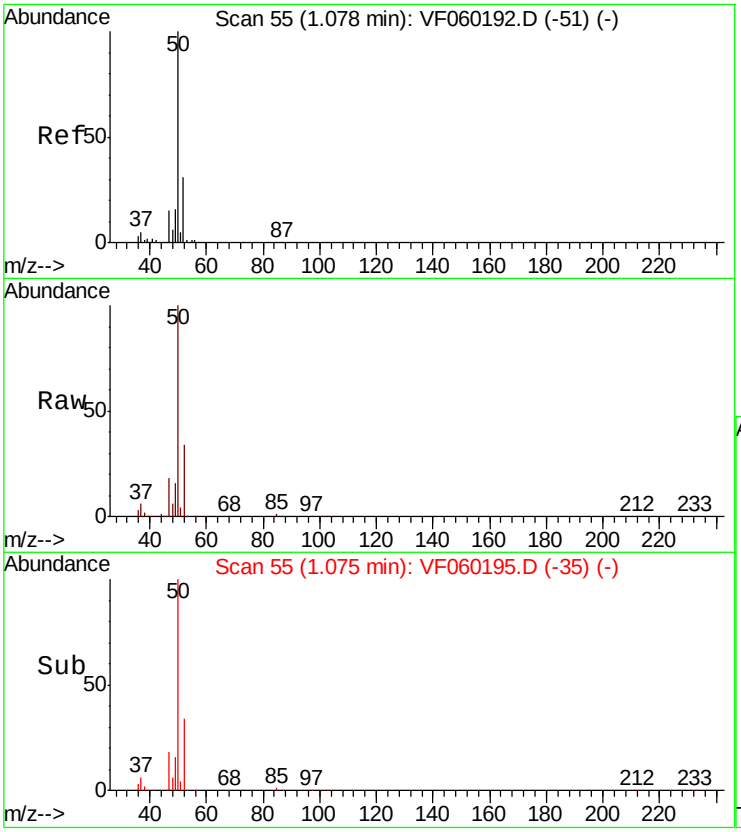




#2
Dichlorodifluoromethane
Concen: 127.007 ug/l
RT: 0.96 min Scan# 43
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 85 Resp: 400547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.9 | 15.9 | 47.7 |



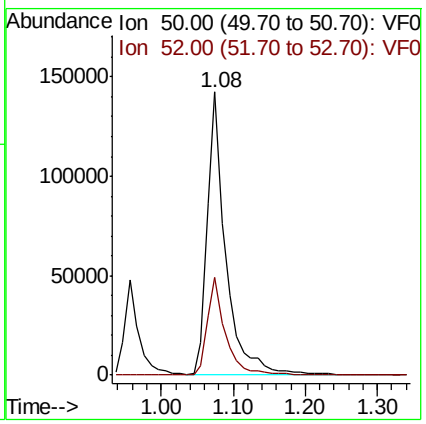


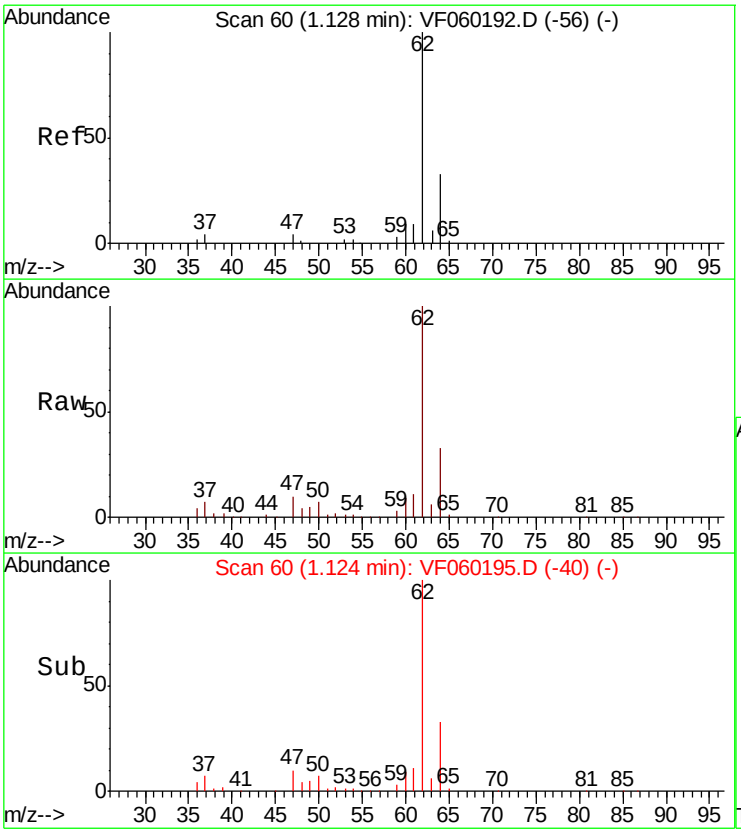

#3
Chloromethane
Concen: 194.149 ug/l
RT: 1.08 min Scan# 55
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 50 Resp: 249739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 34.4 | 24.3 | 36.5 |

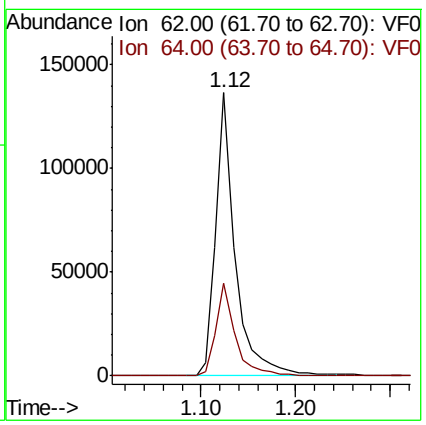


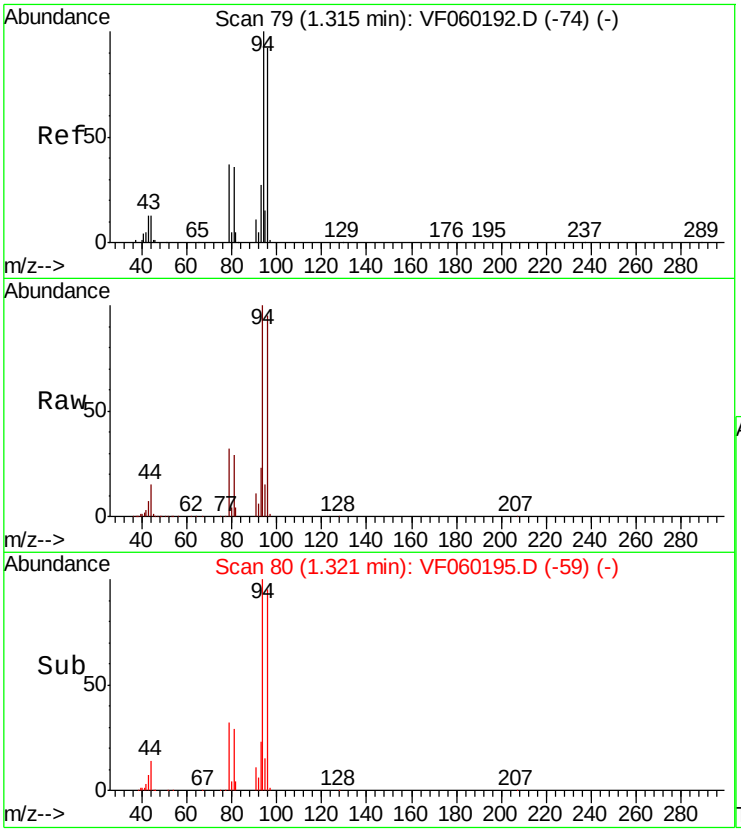




#4
Vinyl Chloride
Concen: 160.659 ug/l
RT: 1.12 min Scan# 60
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 62 Resp: 195334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.8 | 26.1 | 39.1 |



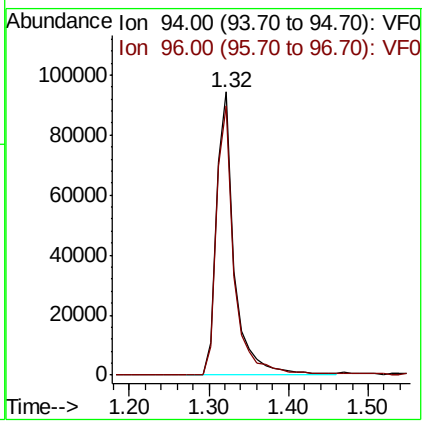


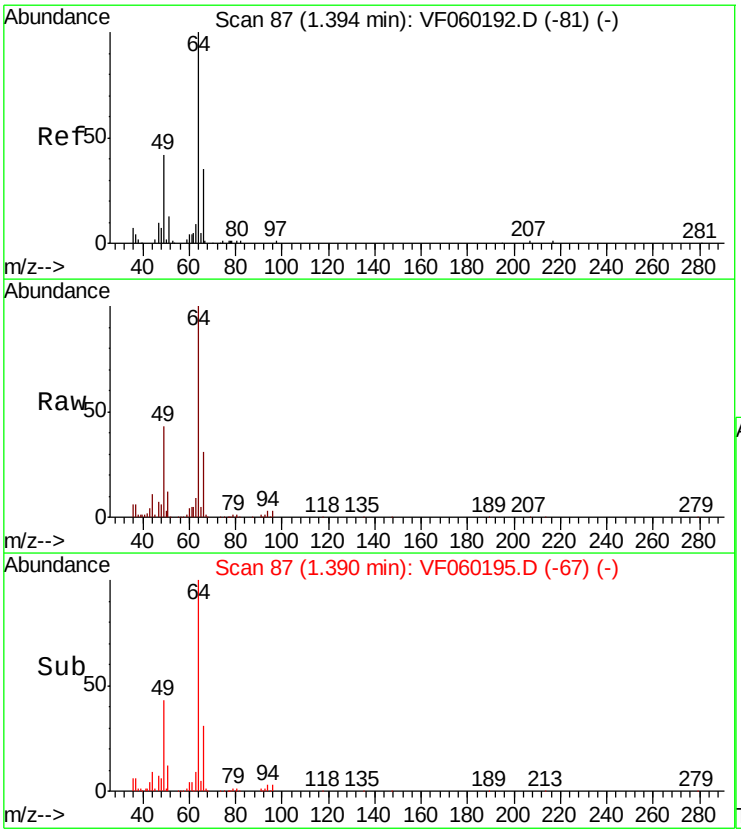

#5
Bromomethane
Concen: 217.803 ug/l
RT: 1.32 min Scan# 80
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 94 Resp: 150552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.1 | 73.6 | 110.4 |

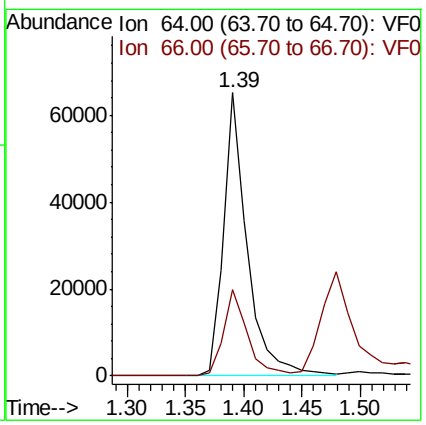


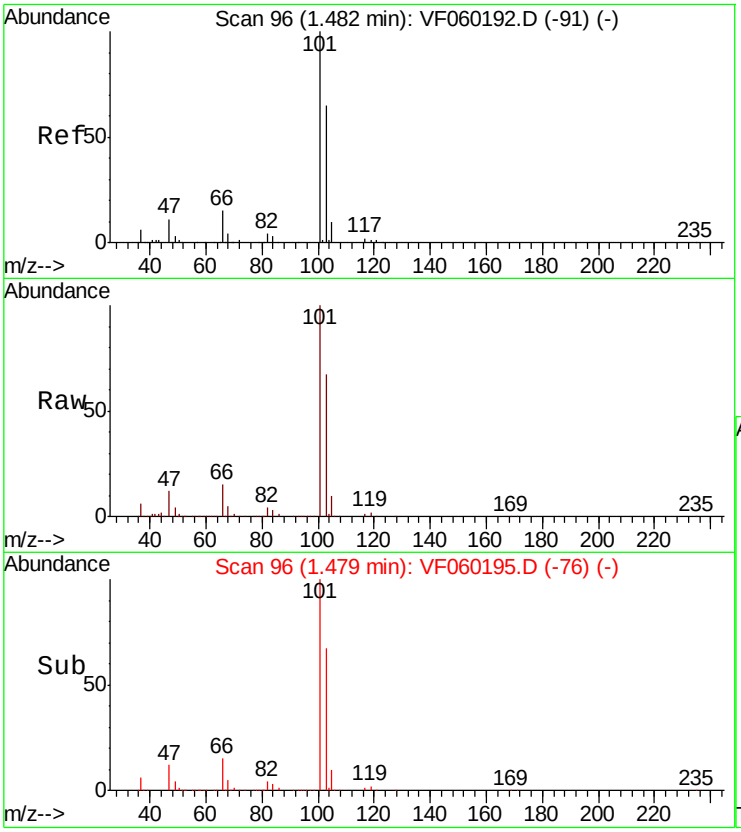




#6
Chloroethane
Concen: 127.744 ug/l
RT: 1.39 min Scan# 87
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 64 Resp: 91750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.7 | 28.2 | 42.4 |



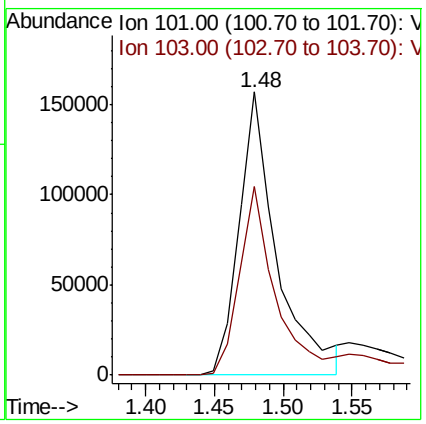


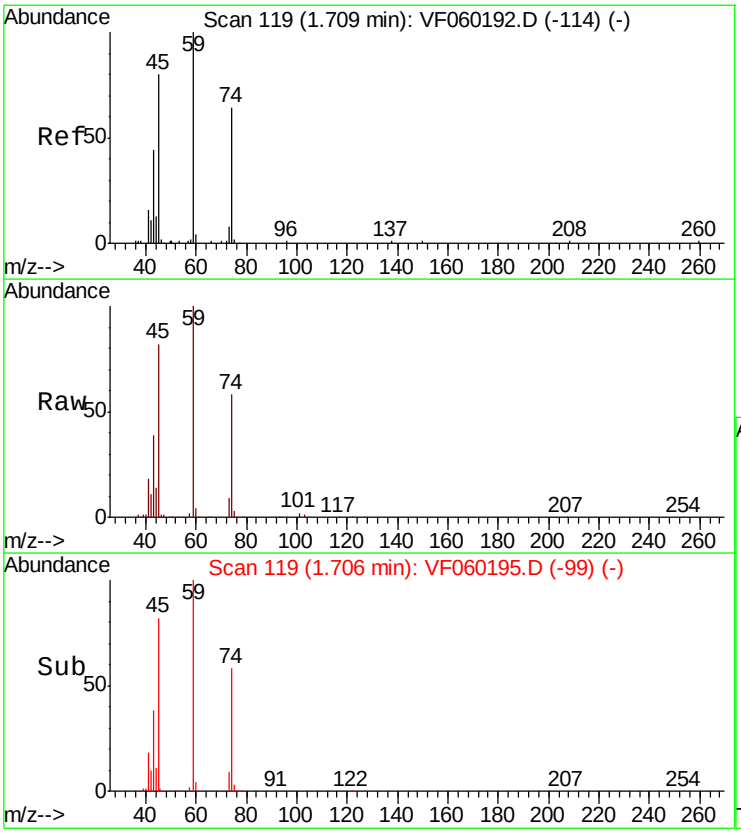

#7
Trichlorofluoromethane
Concen: 57.365 ug/l
RT: 1.48 min Scan# 96
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion:101 Resp: 299960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 66.6 | 52.4 | 78.6 |

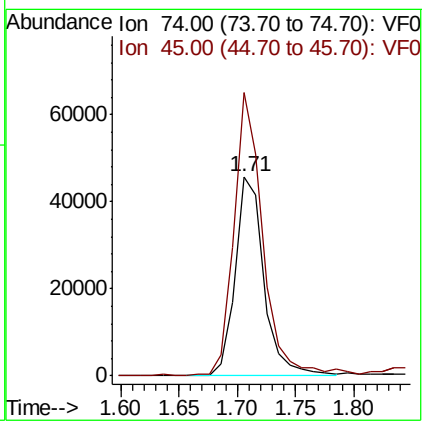


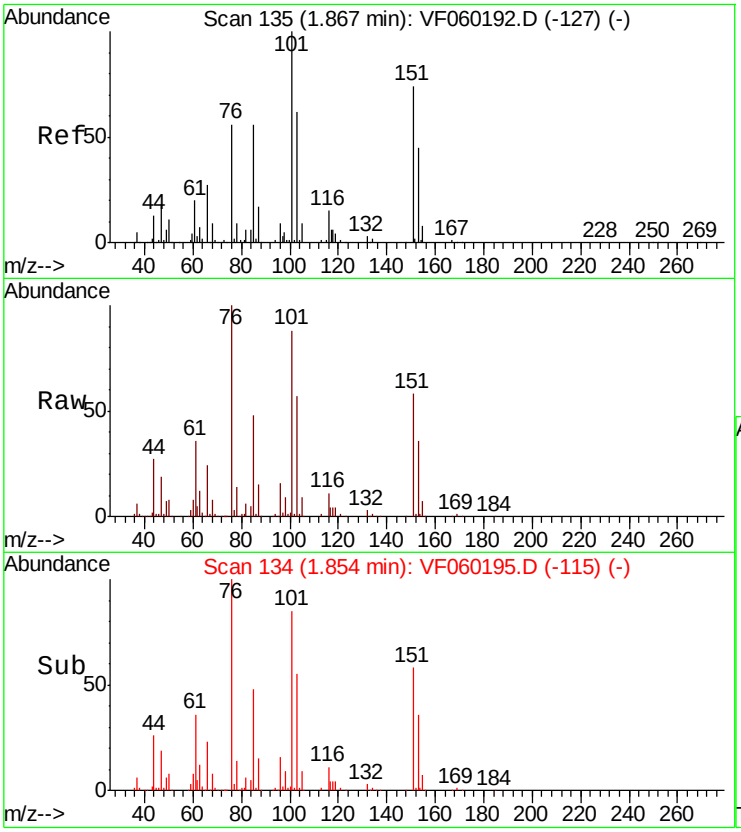




#8
Diethyl Ether
Concen: 307.354 ug/l
RT: 1.71 min Scan# 119
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 74 Resp: 78632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 141.9 | 63.3 | 190.0 |



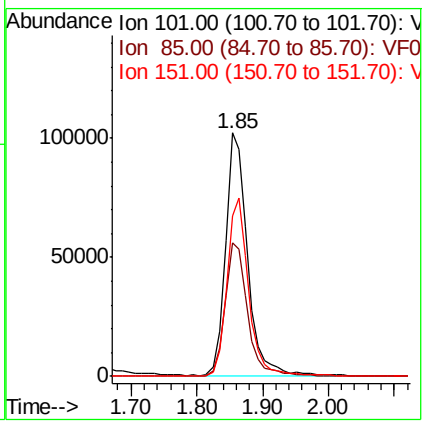


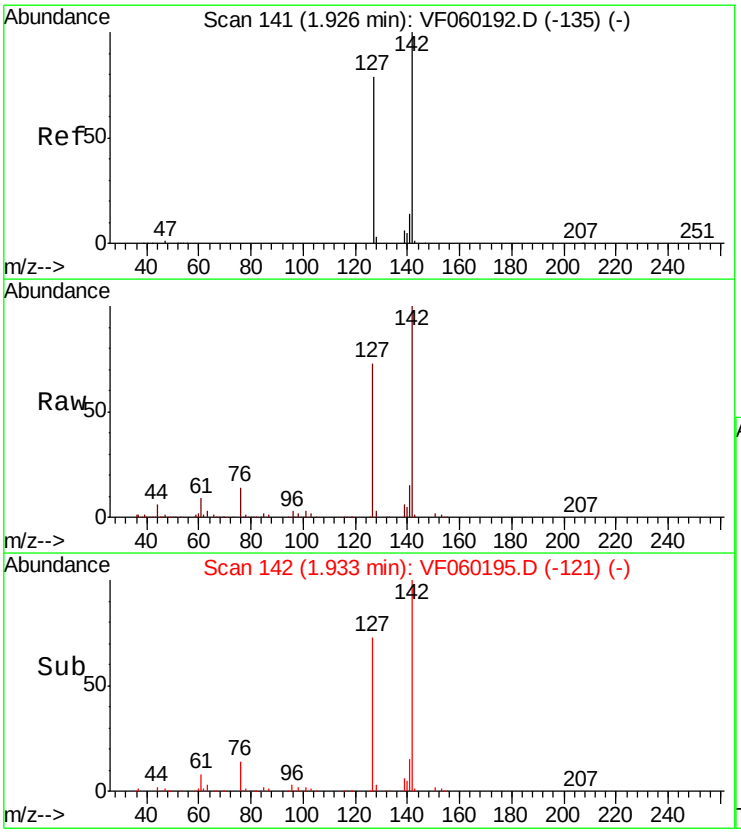

#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.972 ug/l
RT: 1.85 min Scan# 134
Delta R.T. -0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion:101 Resp: 236979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 54.6 | 44.5 | 66.7 |
| 151 | 66.0 | 58.8 | 88.2 |

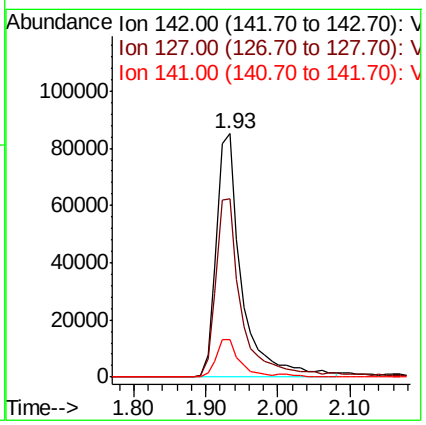


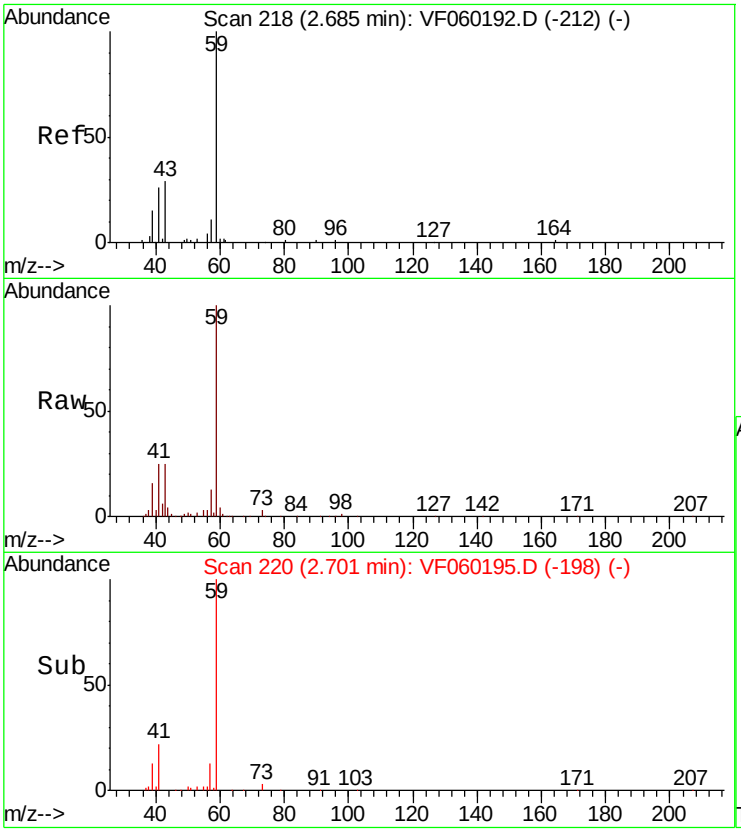




#10
Methyl Iodide
Concen: 167.088 ug/l
RT: 1.93 min Scan# 142
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion:142 Resp: 205384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 73.1 | 62.6 | 94.0 |
| 141 | 15.3 | 10.9 | 16.3 |



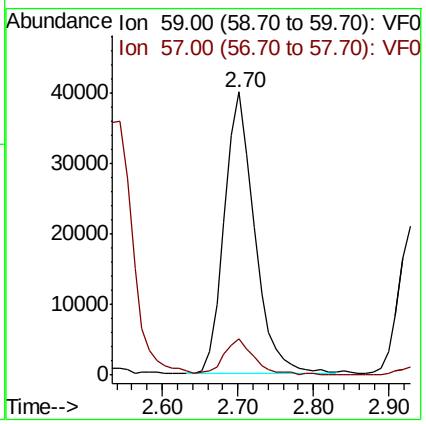


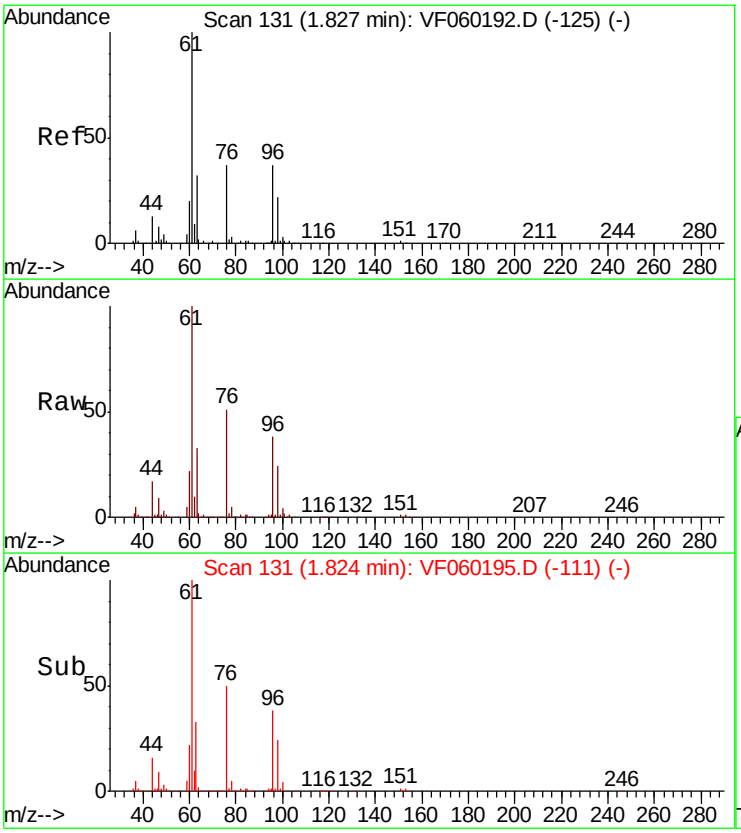

#11
Tert butyl alcohol
Concen: 3109.061 ug/l
RT: 2.70 min Scan# 220
Delta R.T. 0.02 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC150

Tgt Ion: 59 Resp: 111469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 12.7 | 10.7 | 16.1 |

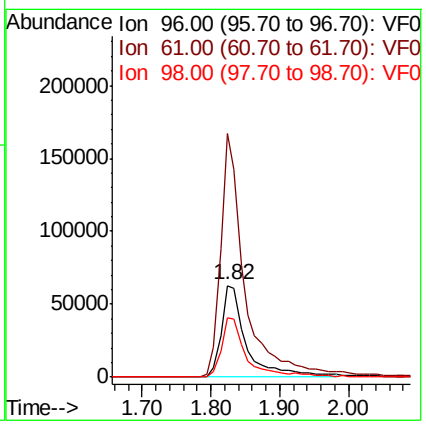


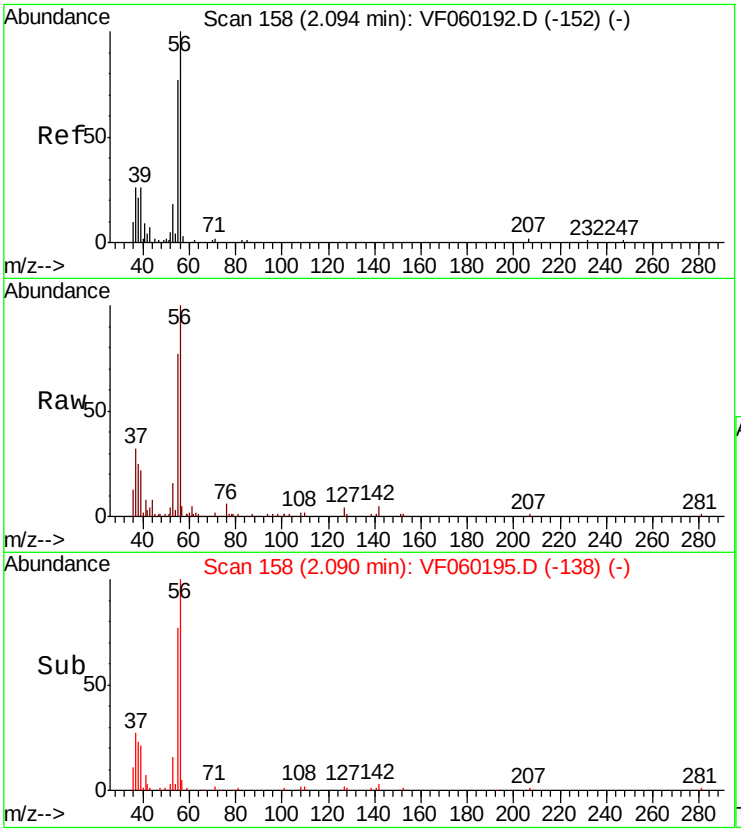




#12
1,1-Dichloroethene
Concen: 108.074 ug/l
RT: 1.82 min Scan# 131
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 96 Resp: 157123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 265.3 | 215.2 | 322.8 |
| 98 | 64.8 | 47.6 | 71.4 |



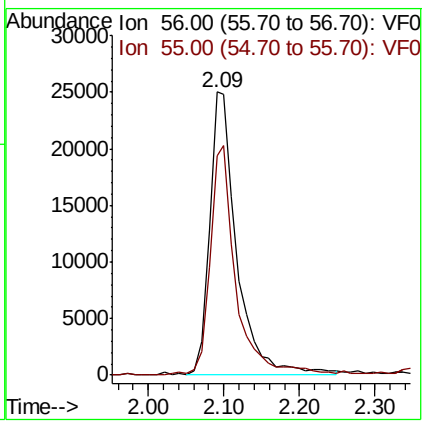


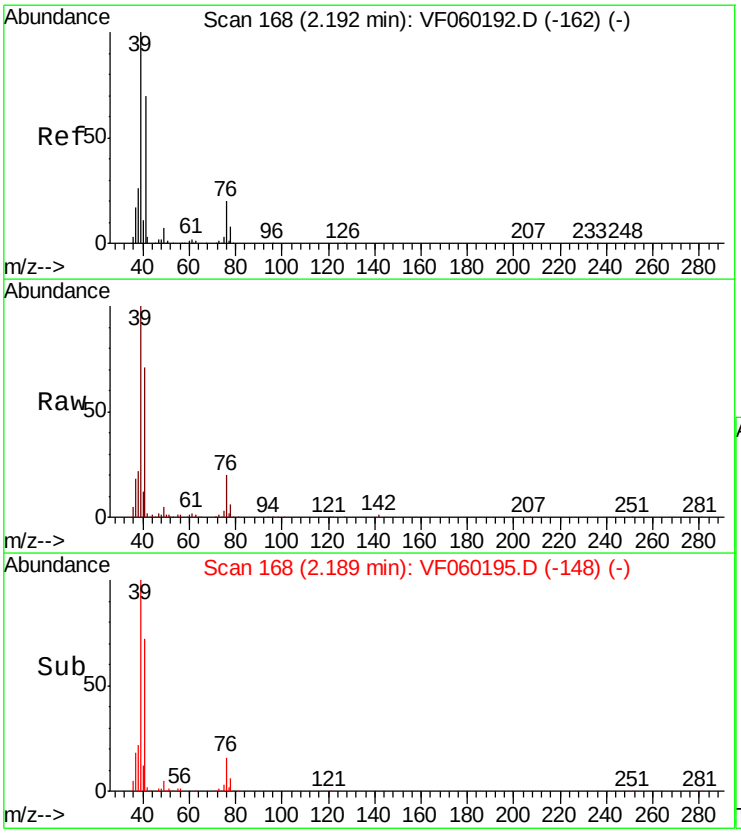

#13
Acrolein
Concen: 2042.209 ug/l
RT: 2.09 min Scan# 158
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 56 Resp: 63063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 77.5 | 61.4 | 92.0 |

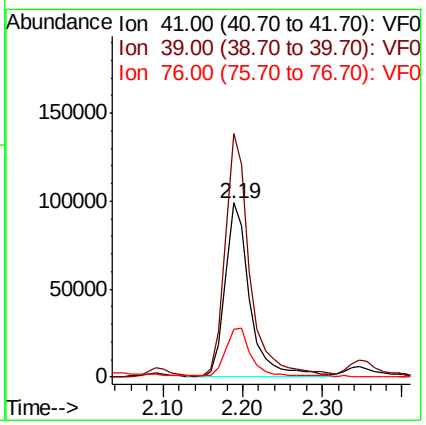


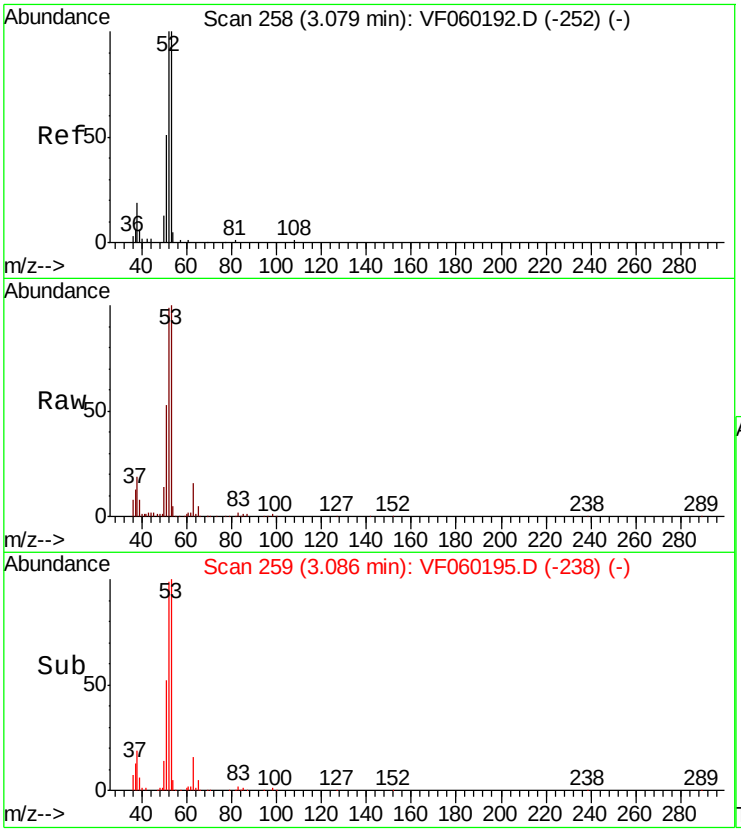




#14
Allyl chloride
Concen: 161.829 ug/l
RT: 2.19 min Scan# 168
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 41 Resp: 213753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 139.9 | 114.6 | 172.0 |
| 76 | 27.4 | 23.1 | 34.7 |



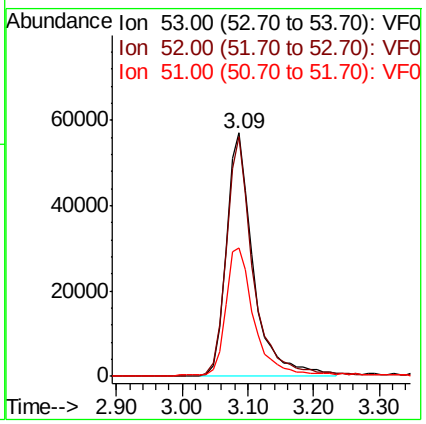


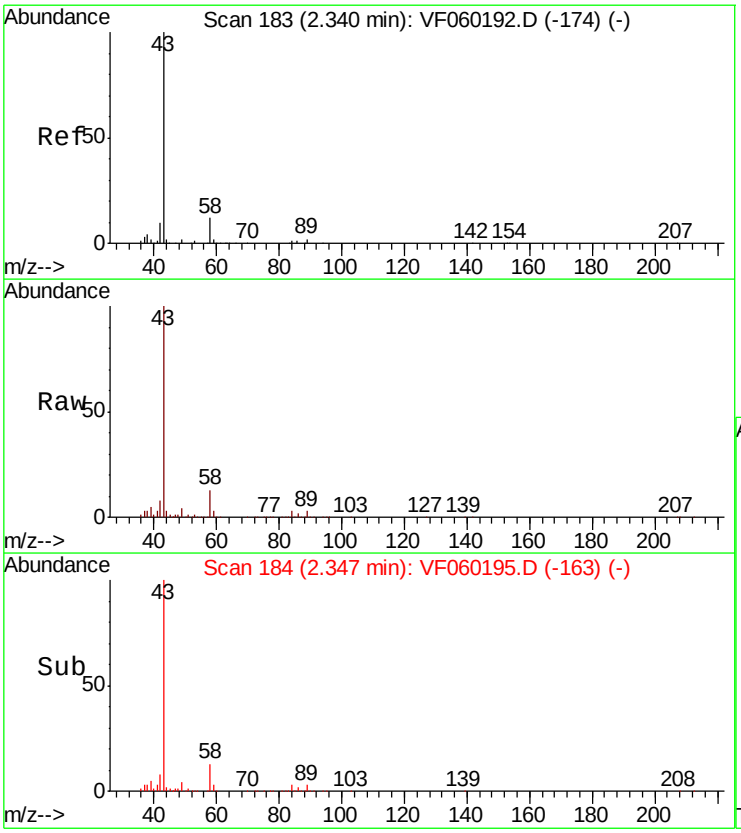

#15
Acrylonitrile
Concen: 2221.121 ug/l
RT: 3.09 min  Scan# 259
Delta R.T.  0.01 min
Lab File:  VF060195.D
Acq: 29 Aug 2018  17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 53 Resp:  163633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 98.6 | 80.2 | 120.4 |
| 51 | 52.6 | 42.4 | 63.6 |

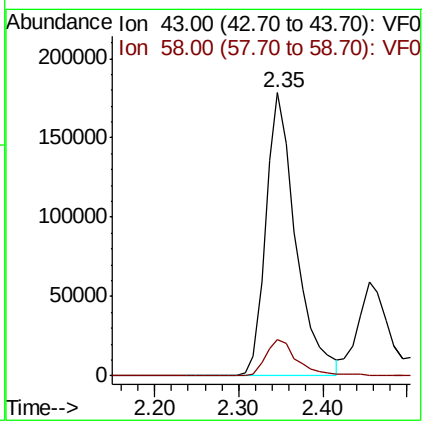


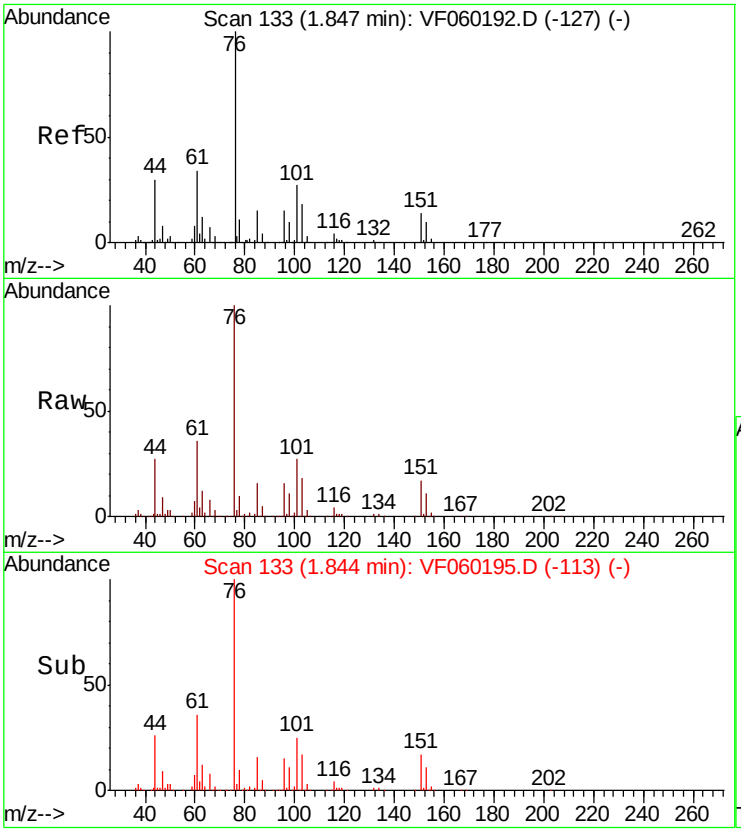




#16
Acetone
Concen: 2074.865 ug/l
RT: 2.35 min  Scan# 184
Delta R.T.  0.01 min
Lab File:  VF060195.D
Acq: 29 Aug 2018  17:53

Tgt Ion: 43 Resp:  443681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 12.8 | 9.6 | 14.4 |



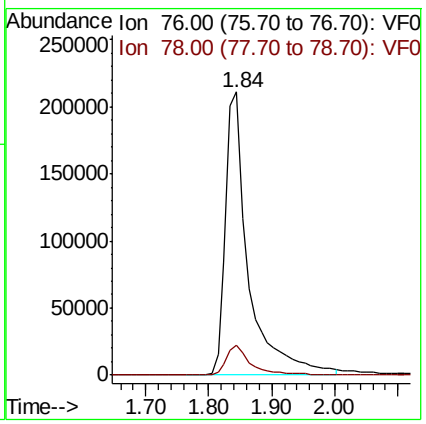


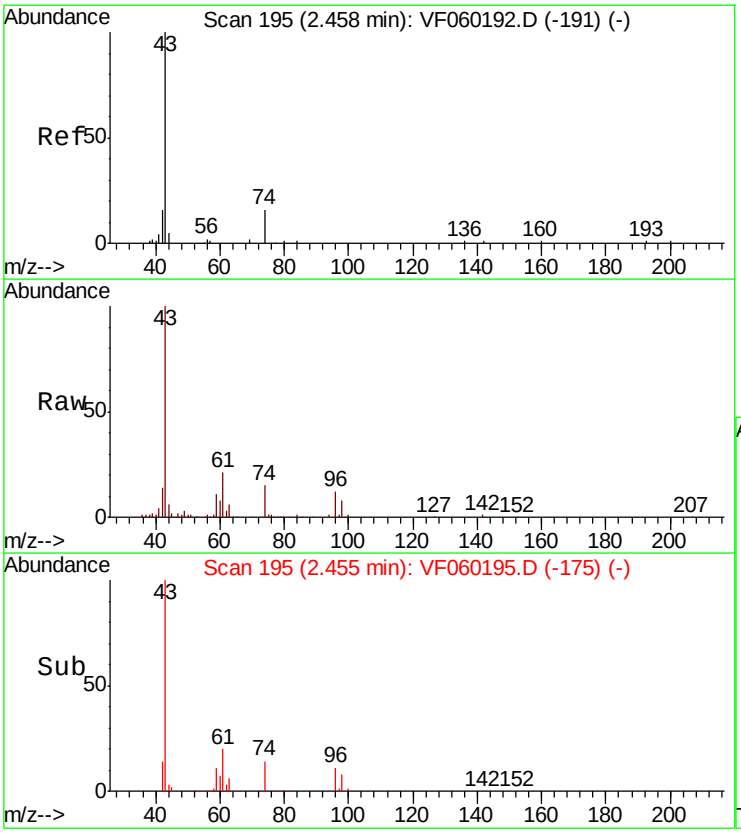

#17
Carbon Disulfide
Concen: 124.499 ug/l
RT: 1.84 min Scan# 133
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 76 Resp: 532063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.4 | 8.6 | 13.0 |

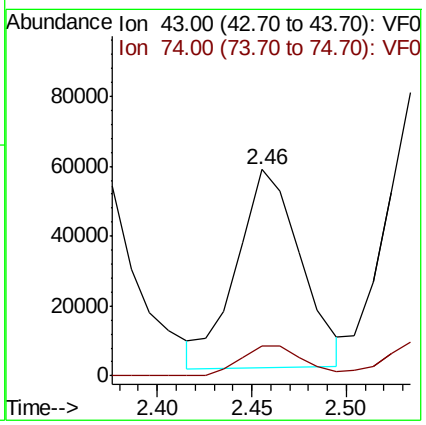


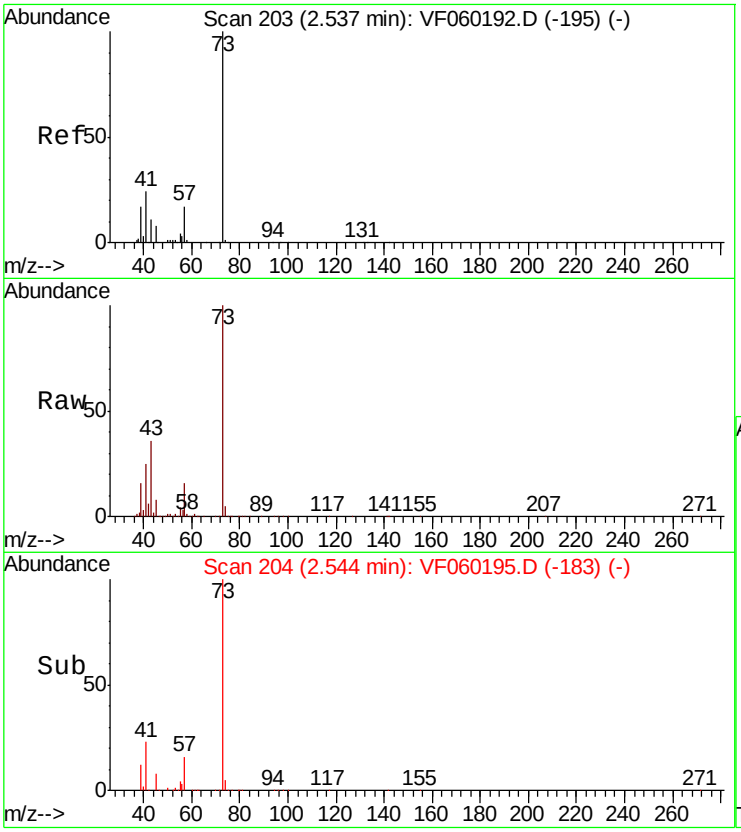




#18
Methyl Acetate
Concen: 312.128 ug/l
RT: 2.46 min Scan# 195
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 43 Resp: 133929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 14.6 | 11.0 | 16.4 |



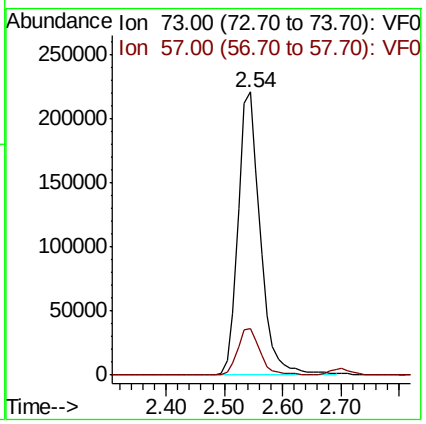


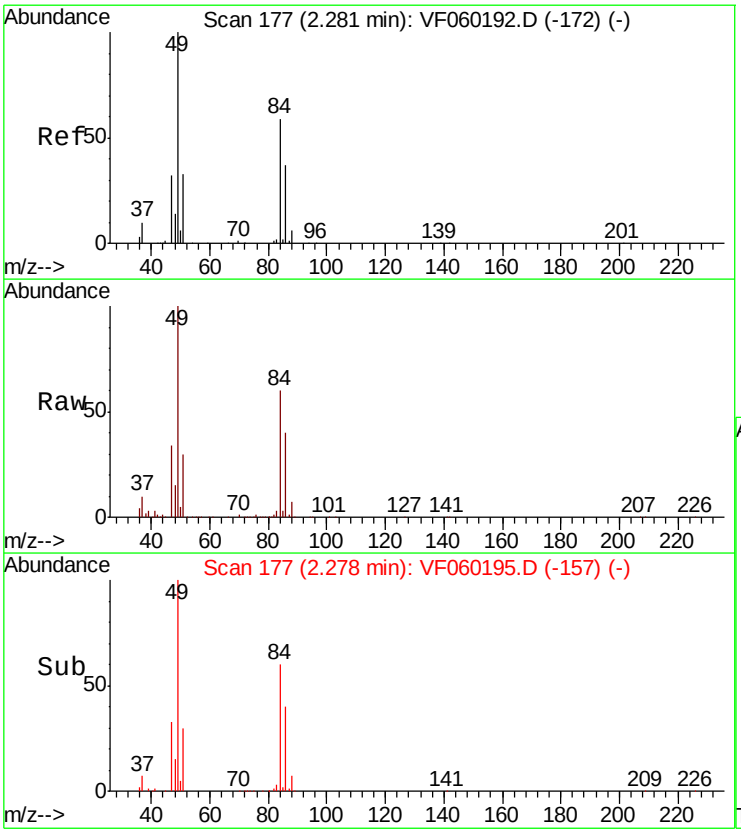

#19
Methyl tert-butyl Ether
Concen: 378.648 ug/l
RT: 2.54 min Scan# 204
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC150

Tgt Ion: 73 Resp: 589457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 16.3 | 13.6 | 20.4 |

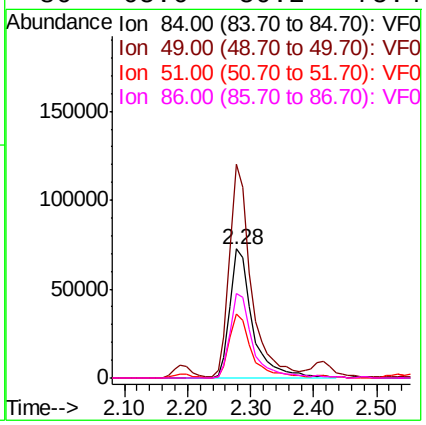


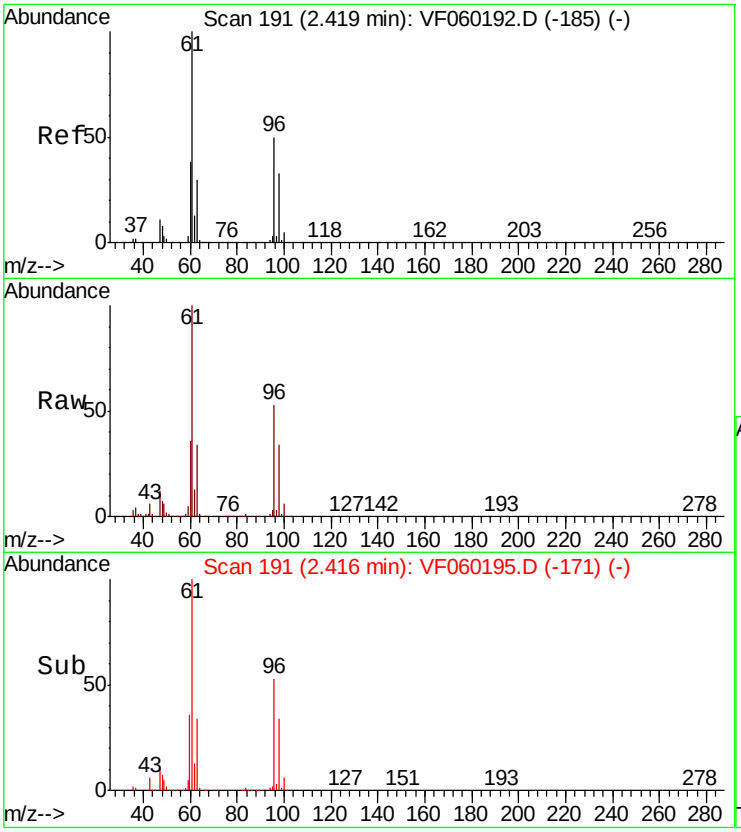




#20
Methylene Chloride
Concen: 190.529 ug/l
RT: 2.28 min Scan# 177
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 84 Resp: 180397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 165.7 | 136.4 | 204.6 |
| 51 | 49.6 | 45.1 | 67.7 |
| 86 | 65.6 | 50.2 | 75.4 |



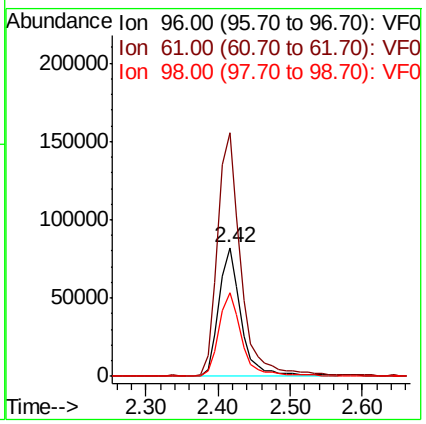


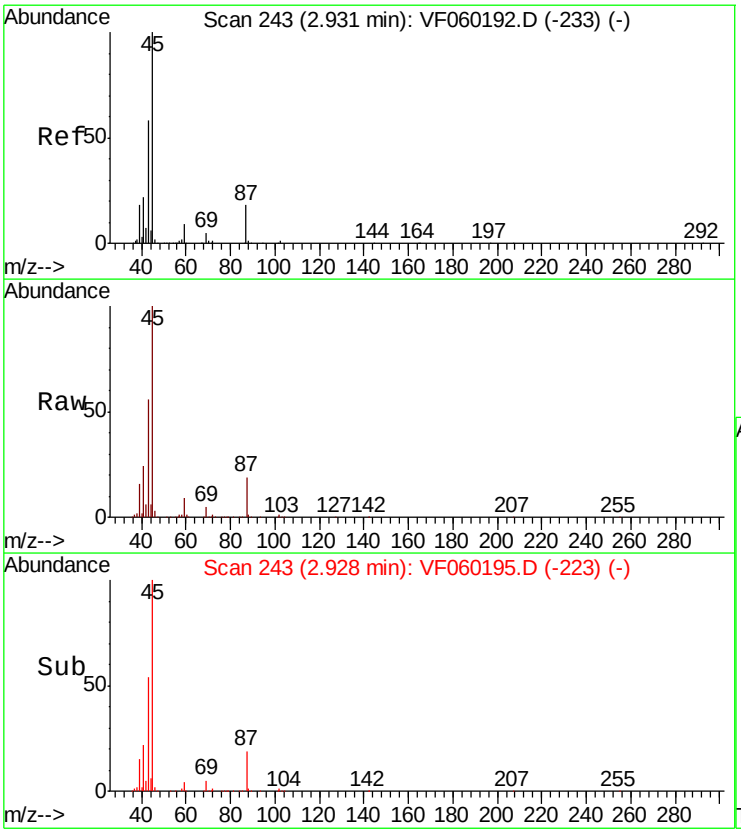

#21
trans-1,2-Dichloroethene
Concen: 139.764 ug/l
RT: 2.42 min Scan# 191
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC150

Tgt Ion: 96 Resp: 175403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 189.3 | 159.8 | 239.8 |
| 98 | 64.8 | 51.9 | 77.9 |

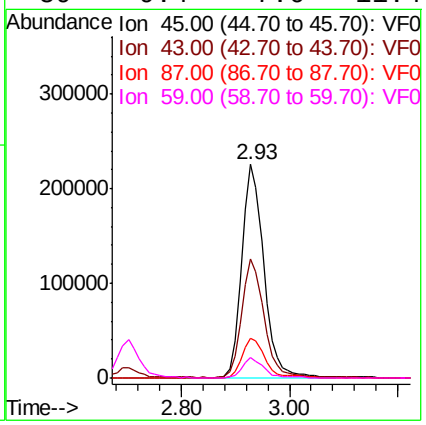


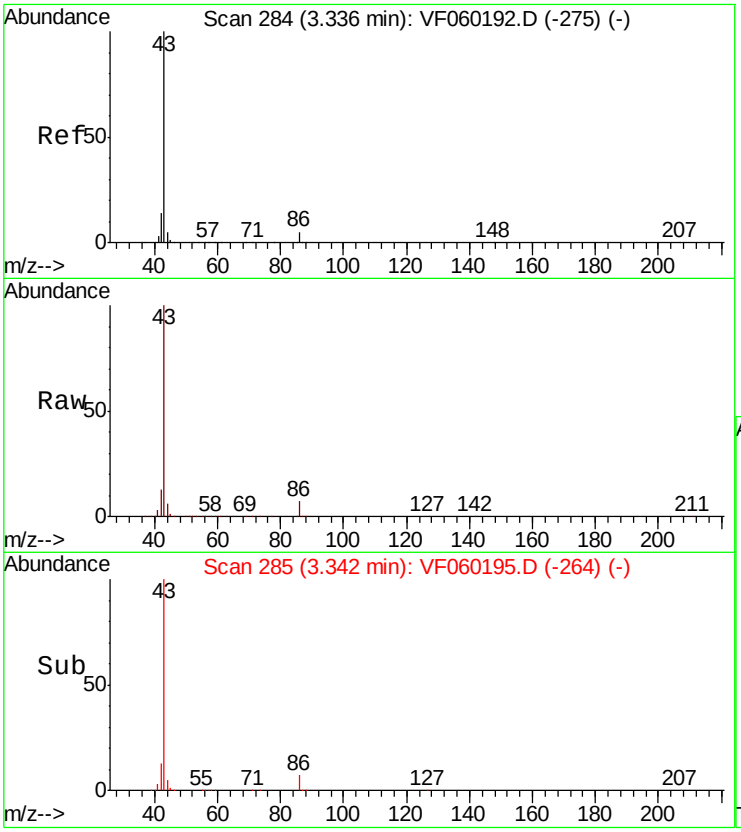




#22
Diisopropyl ether
Concen: 268.387 ug/l
RT: 2.93 min Scan# 243
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 45 Resp: 642931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 55.6 | 46.6 | 70.0 |
| 87 | 18.5 | 14.3 | 21.5 |
| 59 | 9.4 | 7.6 | 11.4 |



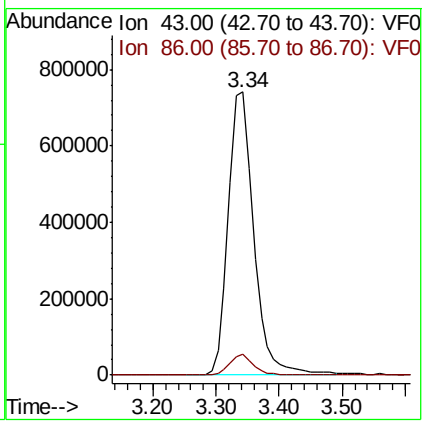


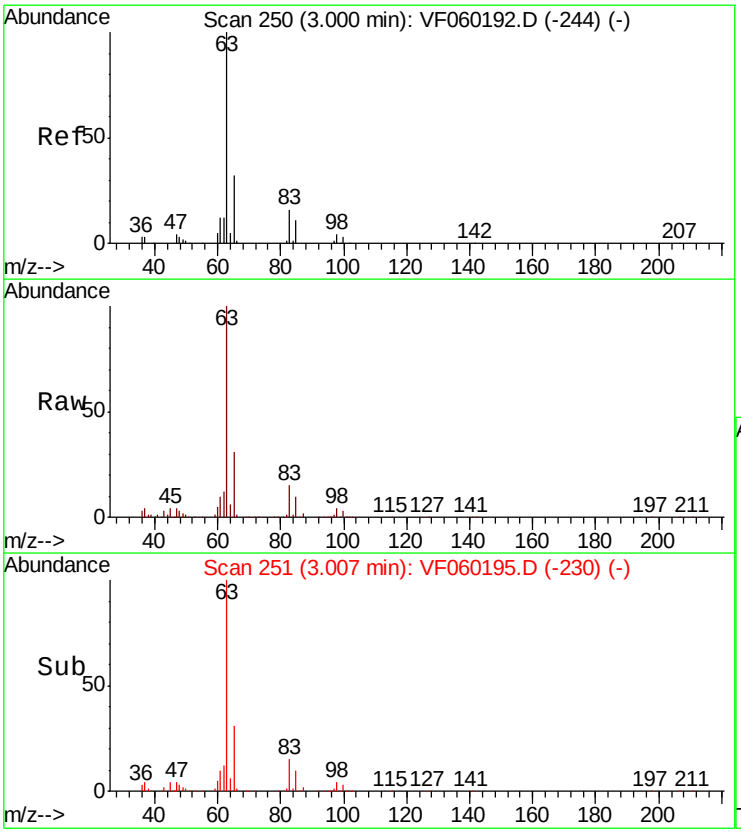

#23
Vinyl Acetate
Concen: 2454.448 ug/l
RT: 3.34 min Scan# 285
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC150

Tgt Ion: 43 Resp: 2075849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 7.2 | 4.0 | 6.0# |

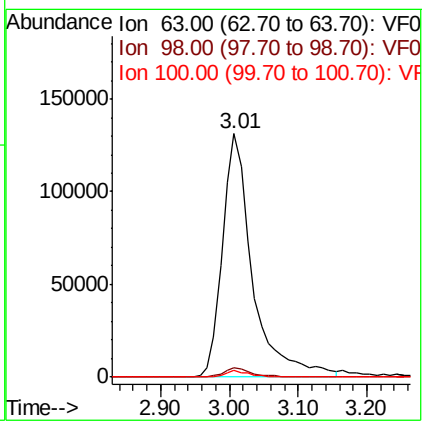


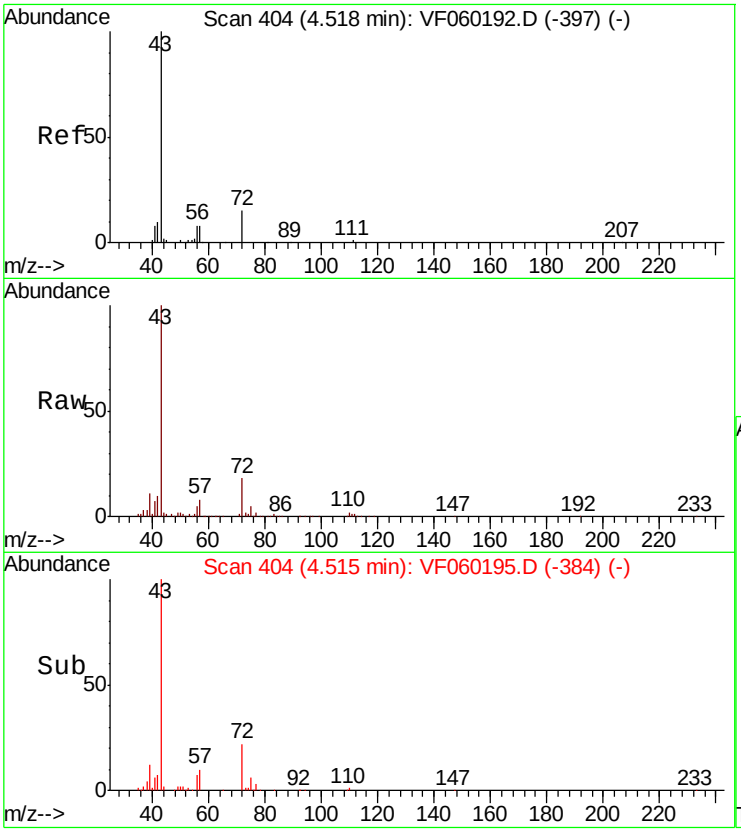




#24
1,1-Dichloroethane
Concen: 176.473 ug/l
RT: 3.01 min Scan# 251
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 63 Resp: 397139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 3.6 | 1.9 | 5.7 |
| 100 | 2.8 | 1.5 | 4.4 |



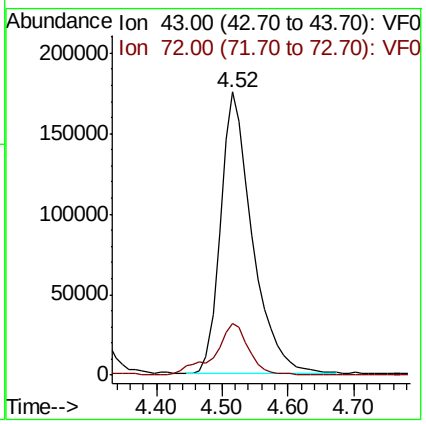


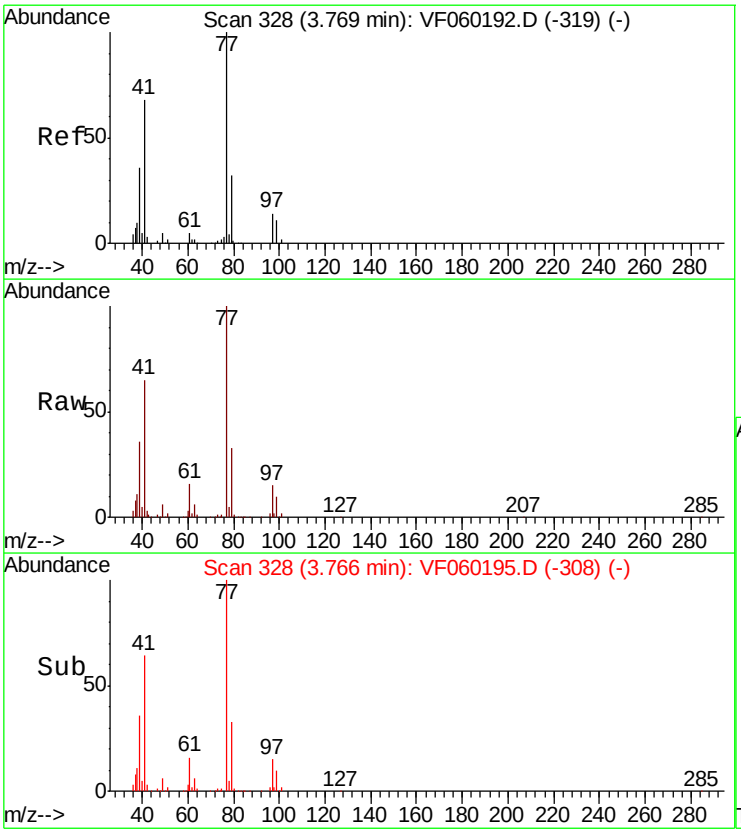

#25
2-Butanone
Concen: 2543.430 ug/l
RT: 4.52 min Scan# 404
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp: 585056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 18.3 | 14.4 | 21.6 |

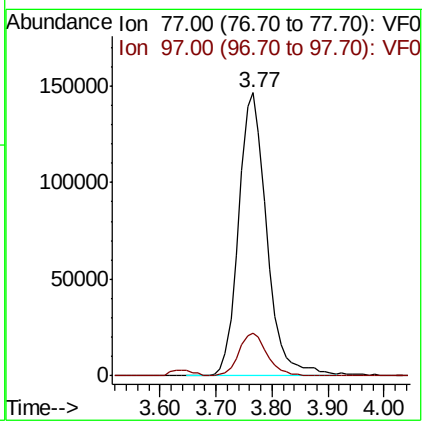


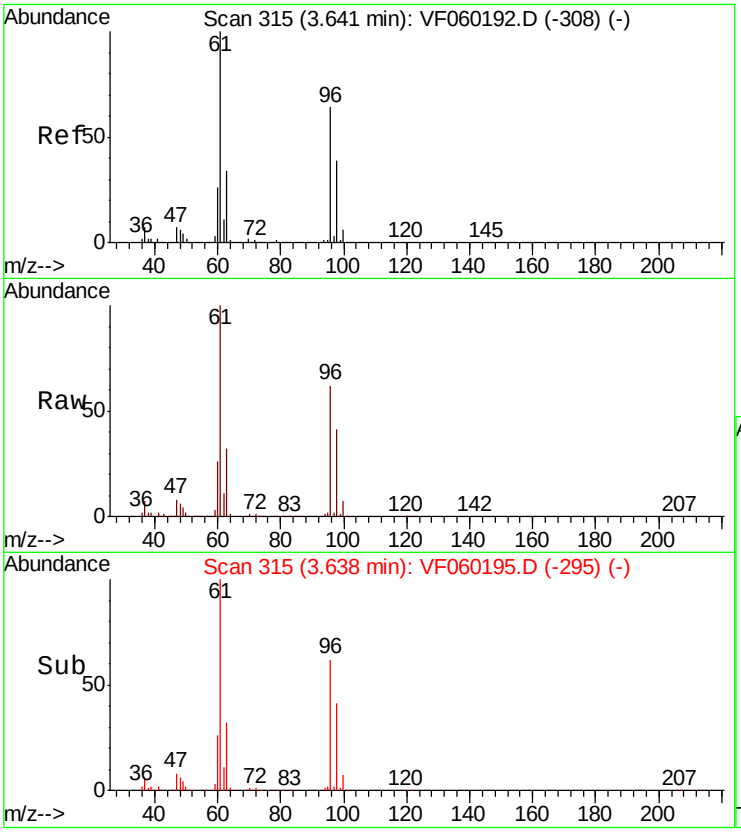




#26
2,2-Dichloropropane
Concen: 281.197 ug/l
RT: 3.77 min Scan# 328
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 77 Resp: 509511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 15.2 | 7.1 | 21.4 |



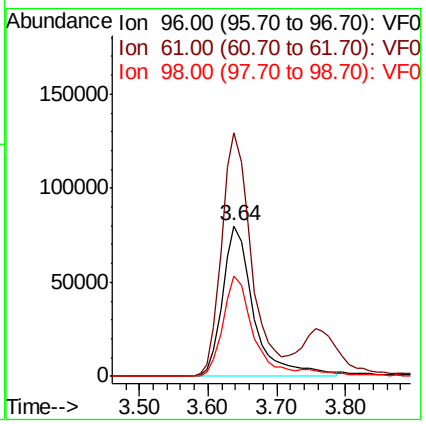


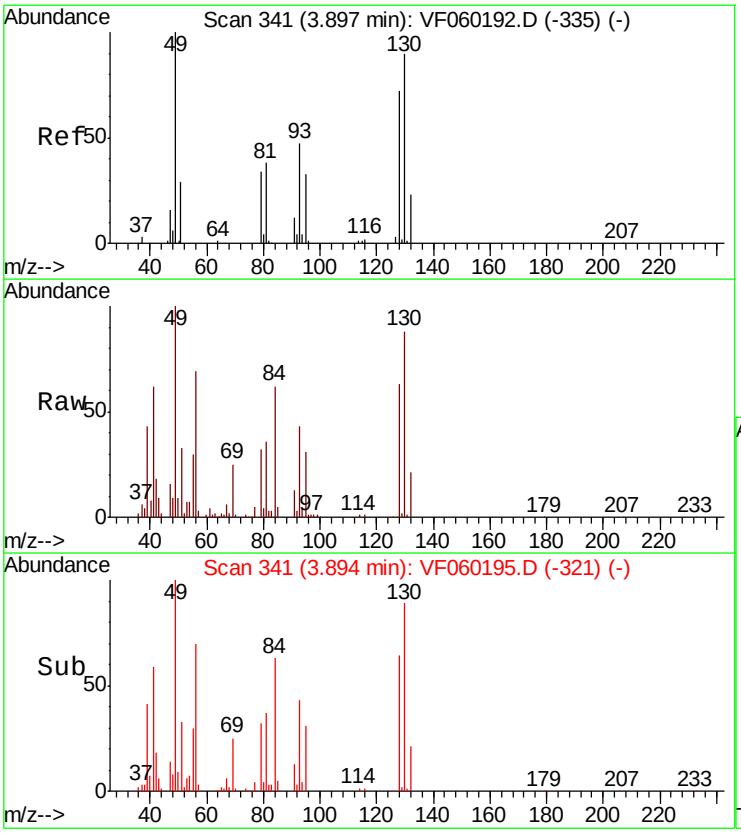

#27
cis-1,2-Dichloroethene
Concen: 247.860 ug/l
RT: 3.64 min Scan# 315
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 96 Resp: 251434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 161.8 | 0.0 | 311.8 |
| 98 | 67.0 | 0.0 | 121.4 |

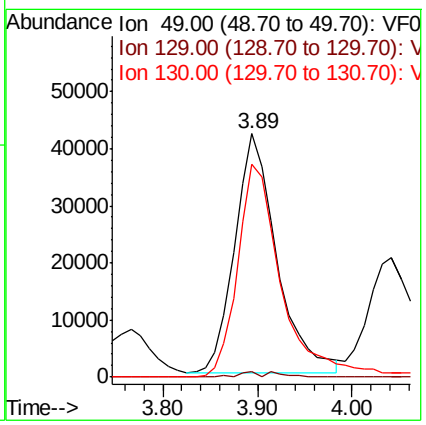


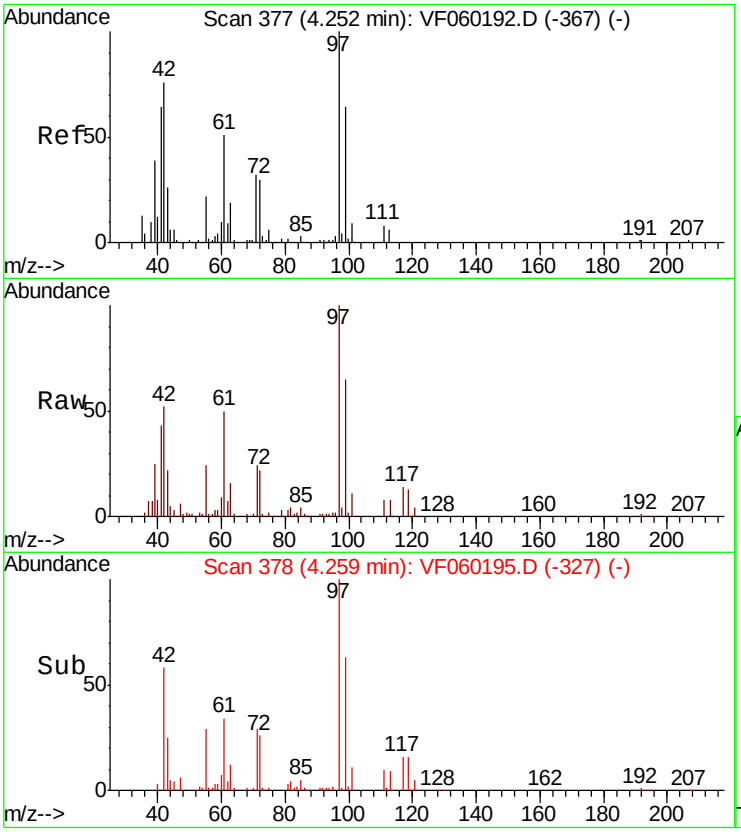




#28
Bromochloromethane
Concen: 231.732 ug/l
RT: 3.89 min Scan# 341
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 49 Resp: 130130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.3 | 0.0 | 3.8 |
| 130 | 87.6 | 70.3 | 105.5 |



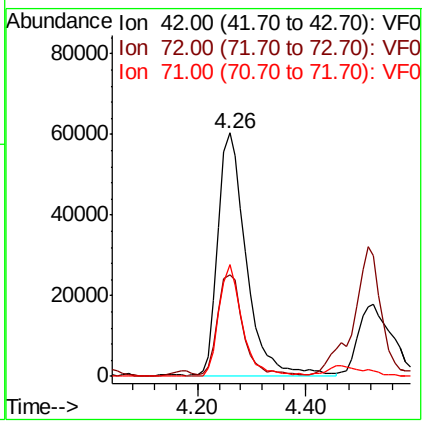


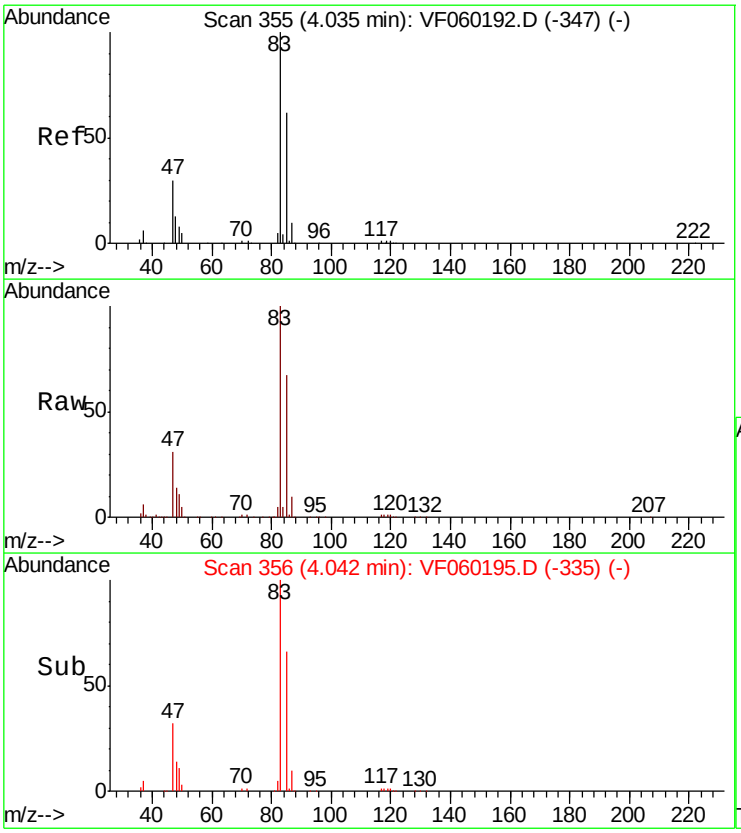

#29
Tetrahydrofuran
Concen: 2328.614 ug/l
RT: 4.26 min Scan# 378
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 42 Resp: 217870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 38.1 | 28.2 | 42.2 |
| 71 | 38.4 | 28.6 | 42.8 |

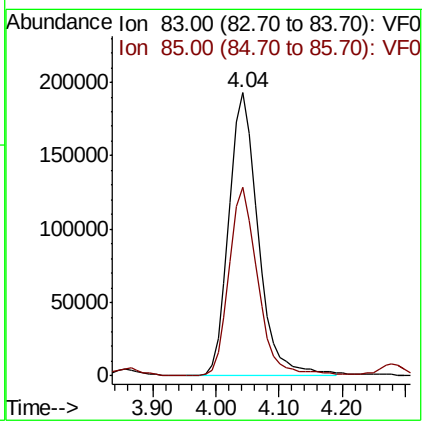


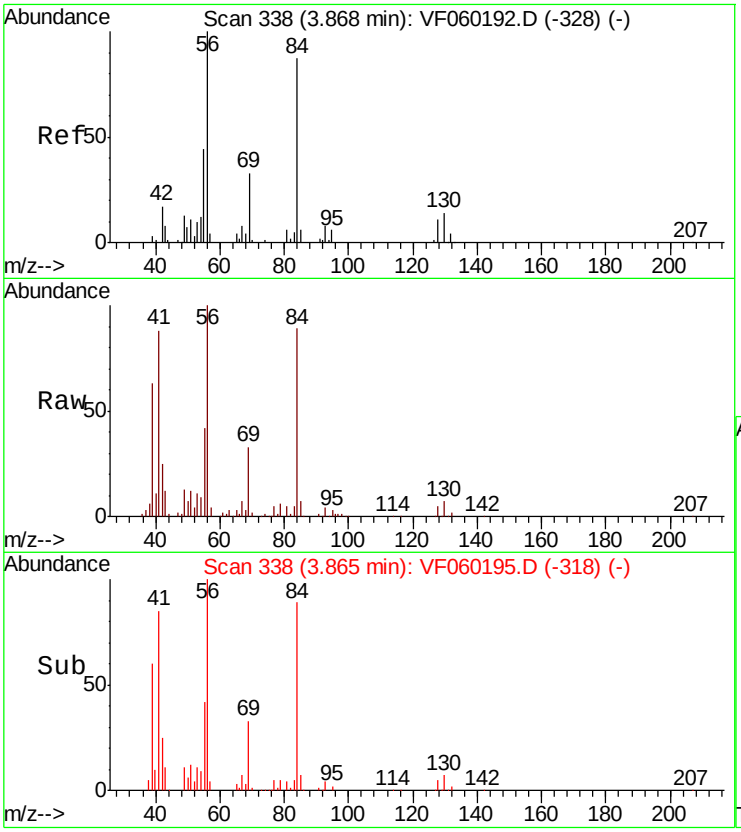




#30
Chloroform
Concen: 226.746 ug/l
RT: 4.04 min Scan# 356
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 83 Resp: 621899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.5 | 49.5 | 74.3 |



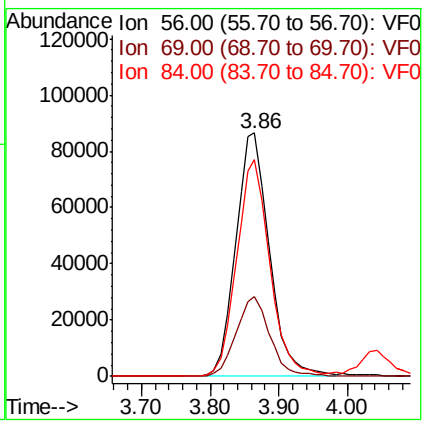


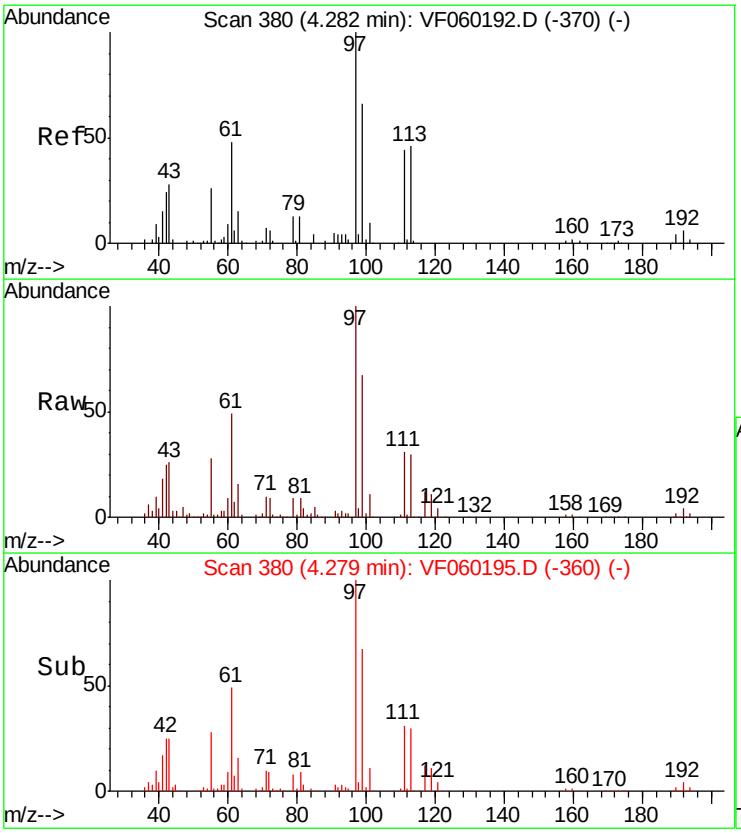

#31
Cyclohexane
Concen: 144.707 ug/l
RT: 3.86 min Scan# 338
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 56 Resp: 292436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.7 | 26.4 | 39.6 |
| 84 | 89.2 | 69.9 | 104.9 |

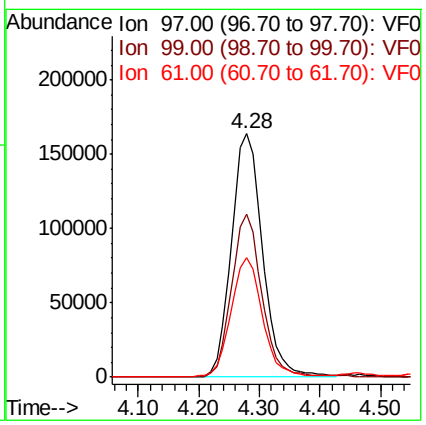


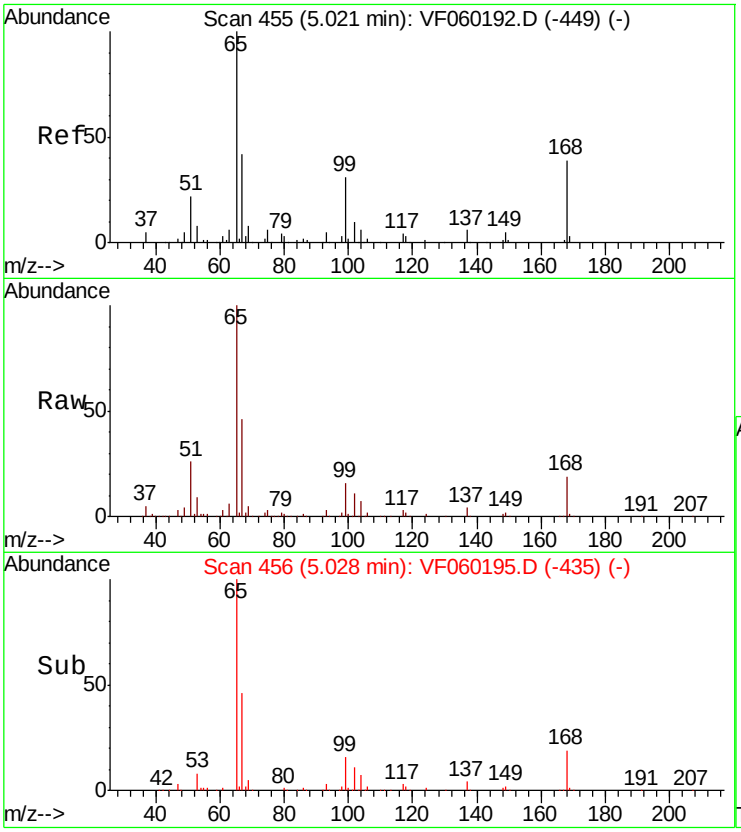




#32
1,1,1-Trichloroethane
Concen: 166.463 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 97 Resp: 587968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 66.7 | 53.0 | 79.6 |
| 61 | 49.0 | 38.9 | 58.3 |



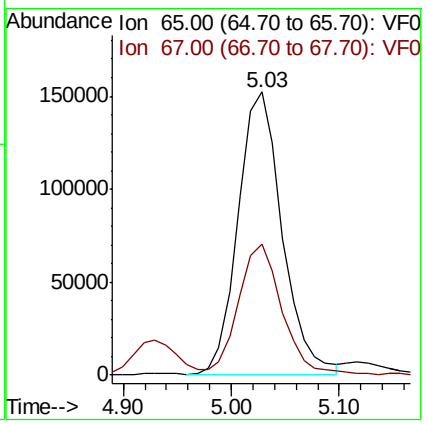


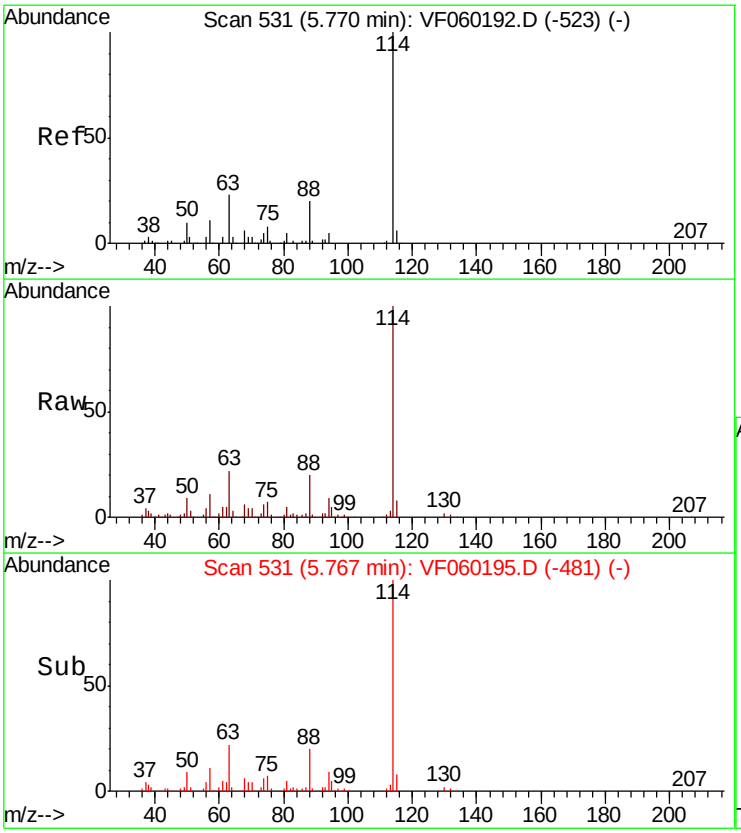

#33
1,2-Dichloroethane-d4
Concen: 328.249 ug/l
RT: 5.03 min Scan# 456
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 65 Resp: 429447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 46.5 | 0.0 | 87.8 |

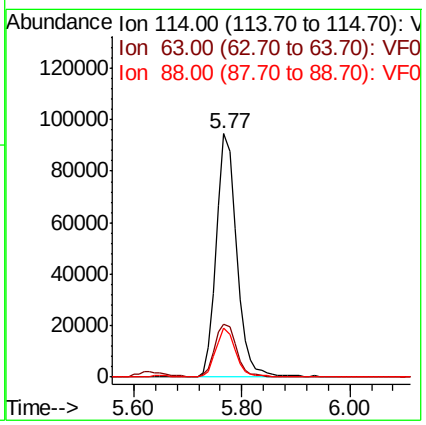


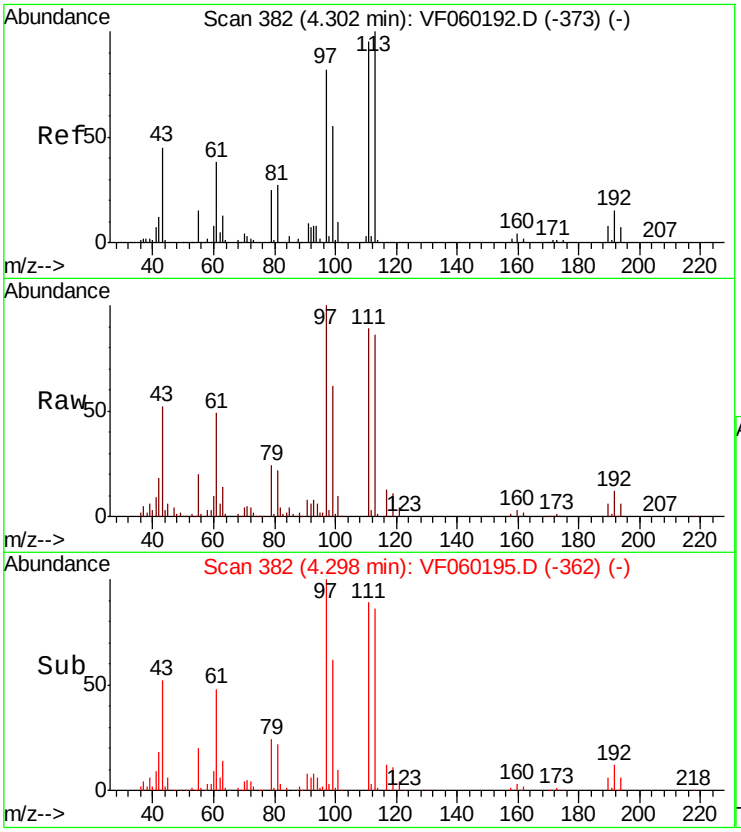




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 531
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion:114 Resp: 246951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.8 | 0.0 | 46.4 |
| 88 | 20.2 | 0.0 | 40.4 |



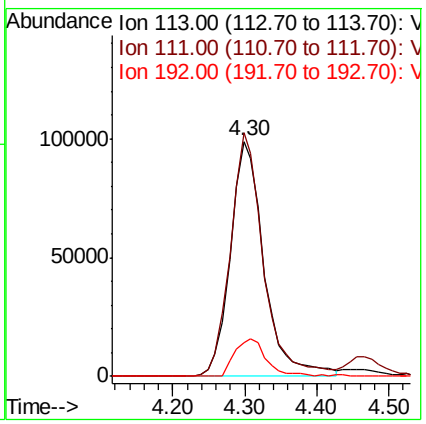


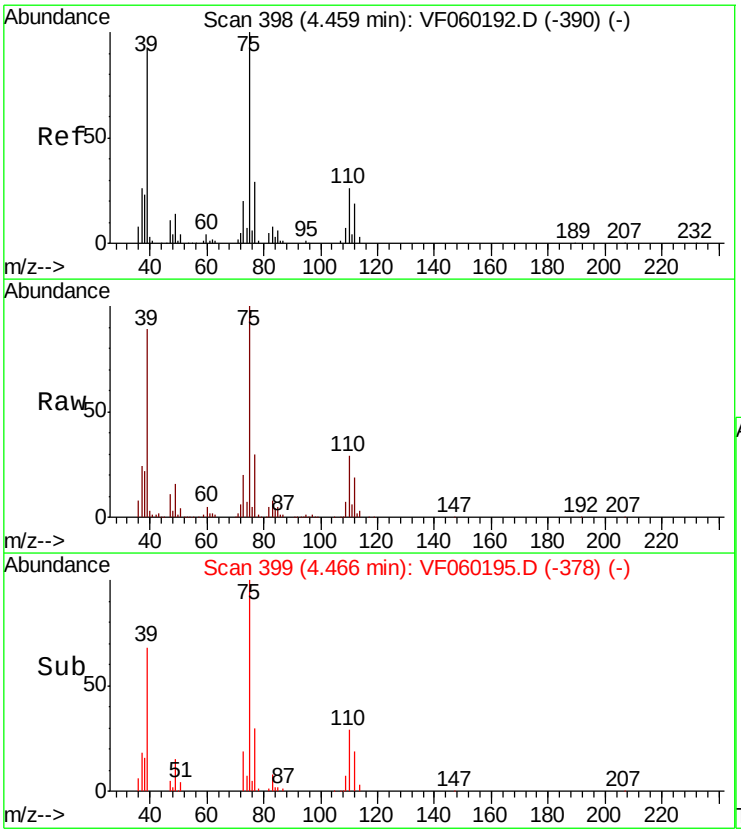

#35
Dibromofluoromethane
Concen: 186.703 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion:113 Resp: 321148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.6 | 75.8 | 113.8 |
| 192 | 14.3 | 12.2 | 18.4 |

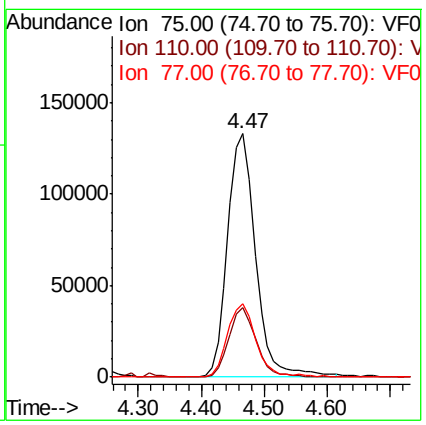


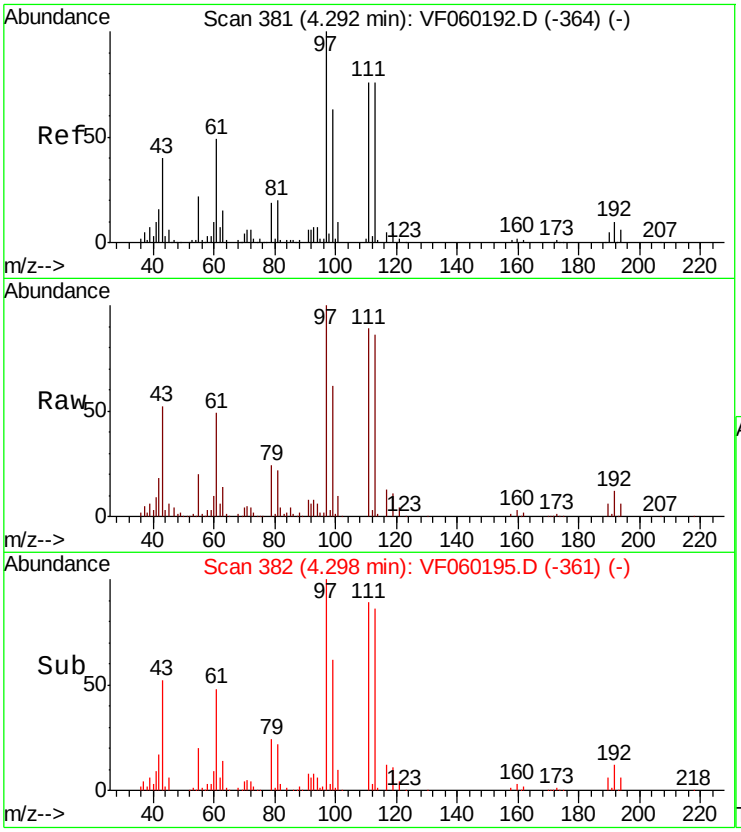




#36
1,1-Dichloropropene
Concen: 122.746 ug/l
RT: 4.47 min Scan# 399
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 75 Resp: 405904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 28.7 | 13.0 | 38.9 |
| 77 | 29.9 | 22.9 | 34.3 |



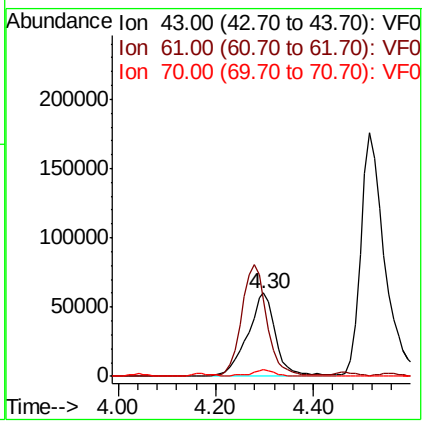


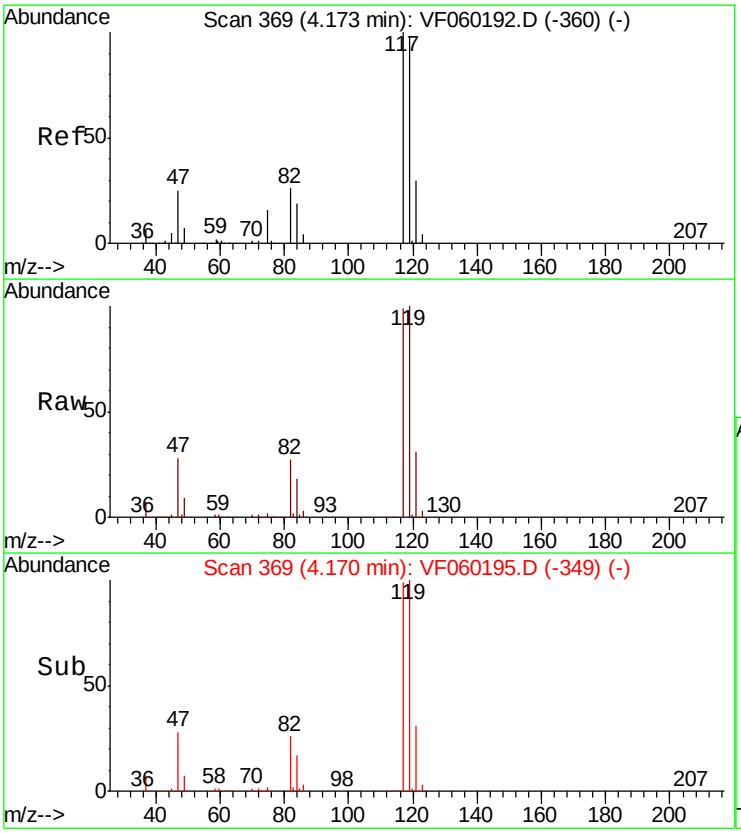

#37
Ethyl Acetate
Concen: 377.599 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp: 238674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 93.1 | 97.2 | 145.8# |
| 70 | 7.8 | 9.0 | 13.6# |

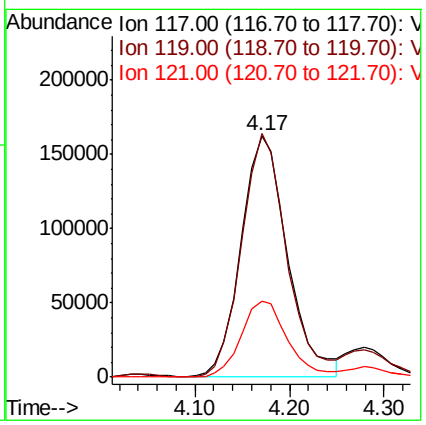


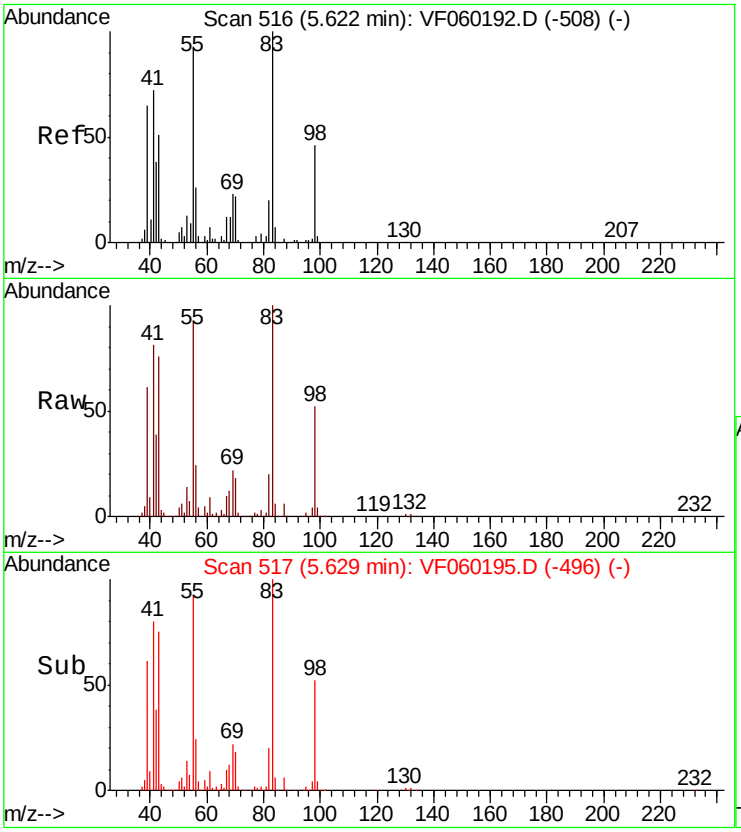




#38
Carbon Tetrachloride
Concen: 123.023 ug/l
RT: 4.17 min Scan# 369
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion:117 Resp: 551618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 100.7 | 79.0 | 118.6 |
| 121 | 31.6 | 24.6 | 37.0 |



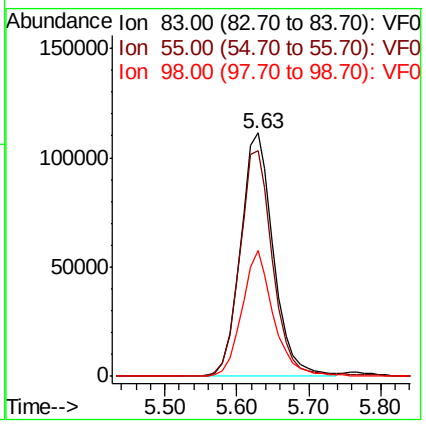


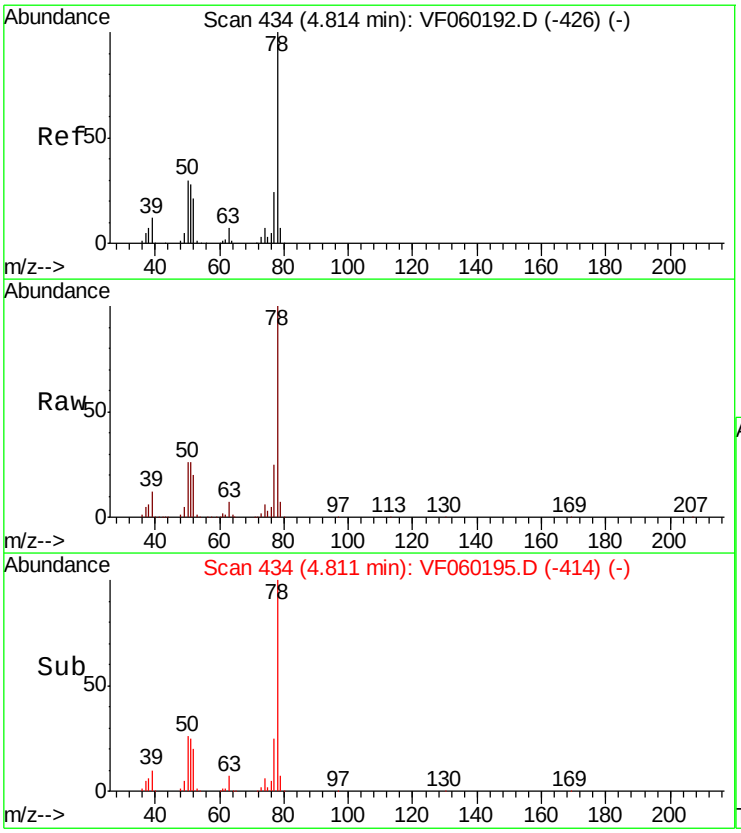

#39
Methylcyclohexane
Concen: 114.256 ug/l
RT: 5.63 min Scan# 517
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC150

Tgt Ion: 83 Resp: 352943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 92.5 | 74.5 | 111.7 |
| 98 | 51.8 | 36.7 | 55.1 |

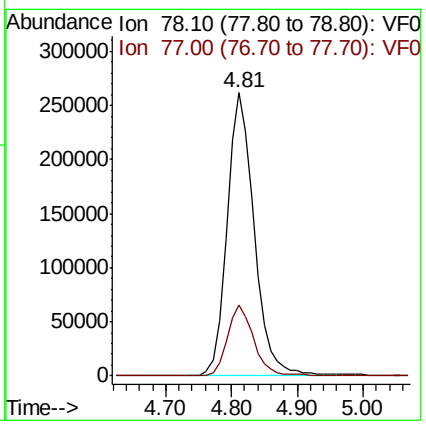


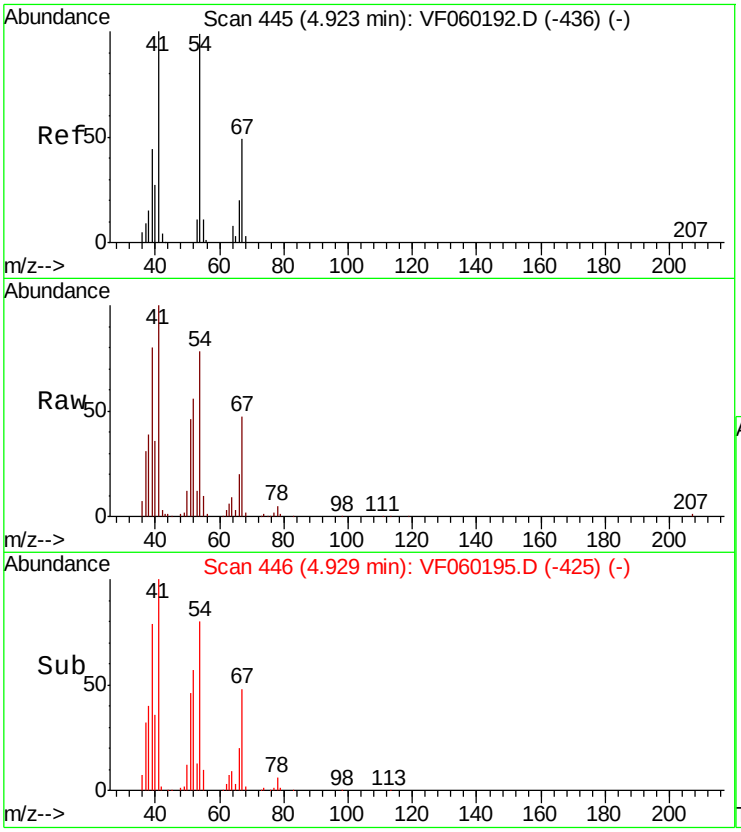




#40
Benzene
Concen: 158.412 ug/l
RT: 4.81 min Scan# 434
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 78 Resp: 755550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 25.1 | 19.4 | 29.0 |



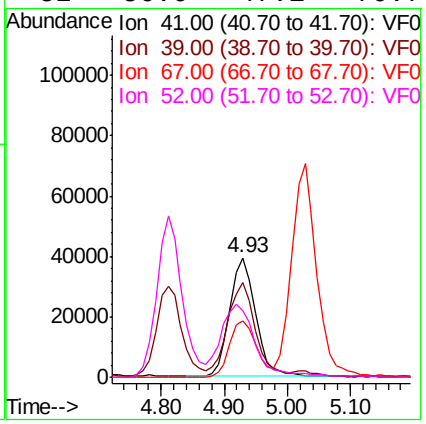


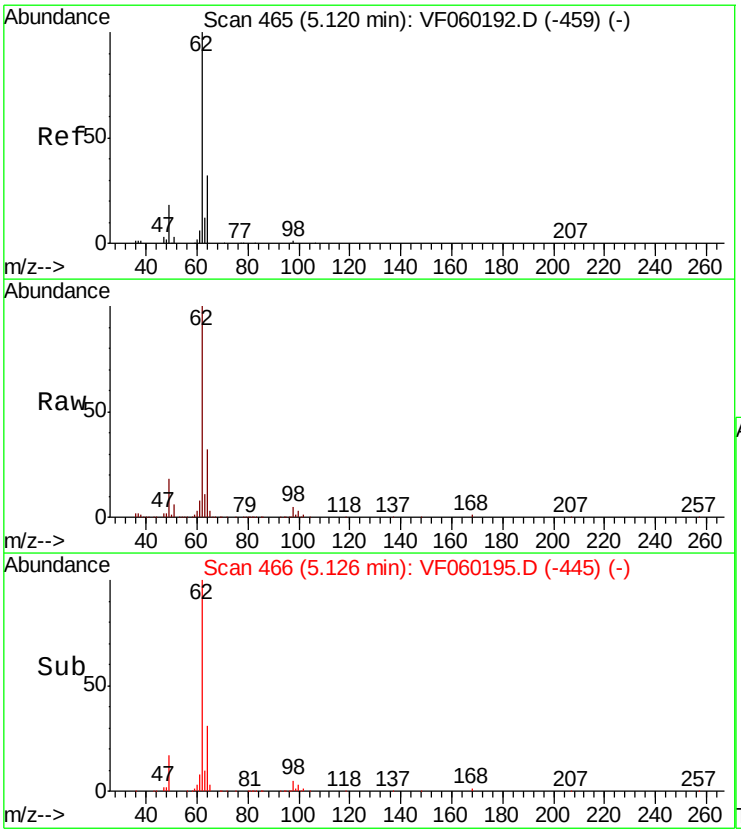

#41
Methacrylonitrile
Concen: 344.574 ug/l
RT: 4.93 min Scan# 446
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC150

Tgt Ion: 41 Resp: 111977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 79.6 | 64.5 | 96.7 |
| 67 | 47.1 | 38.5 | 57.7 |
| 52 | 56.0 | 47.1 | 70.7 |

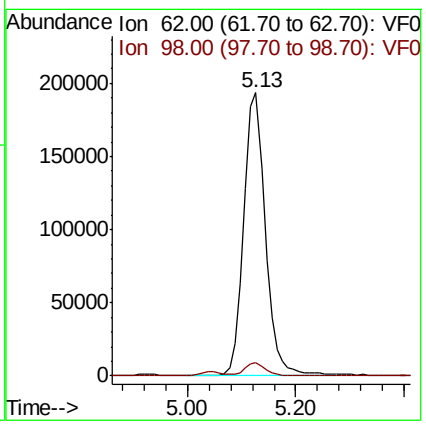


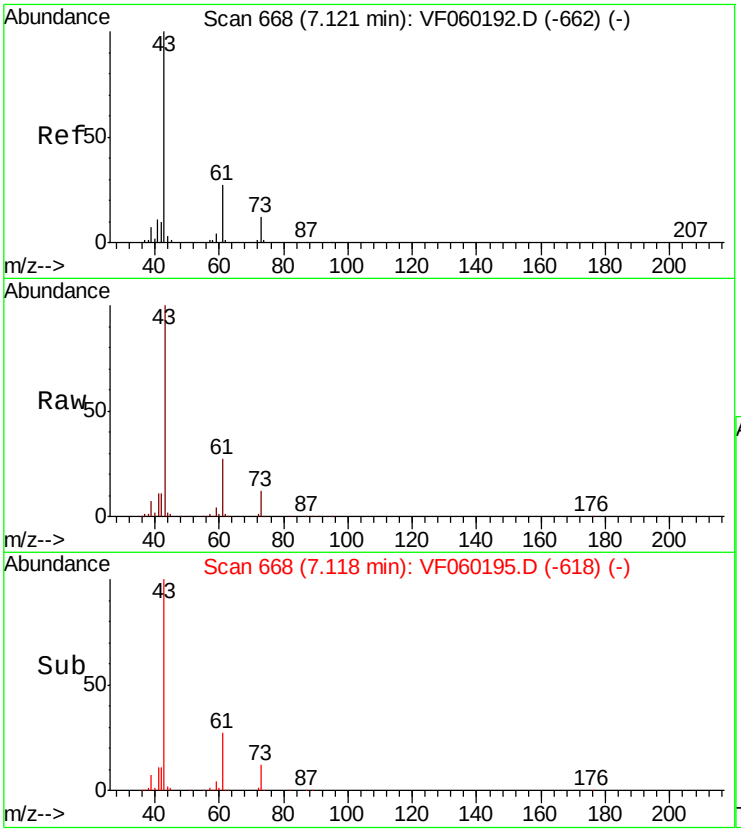




#42
1,2-Dichloroethane
Concen: 266.985 ug/l
RT: 5.13 min Scan# 466
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 62 Resp: 540473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 4.7 | 0.0 | 9.2 |



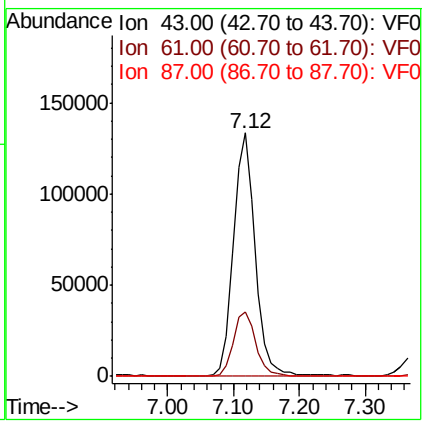


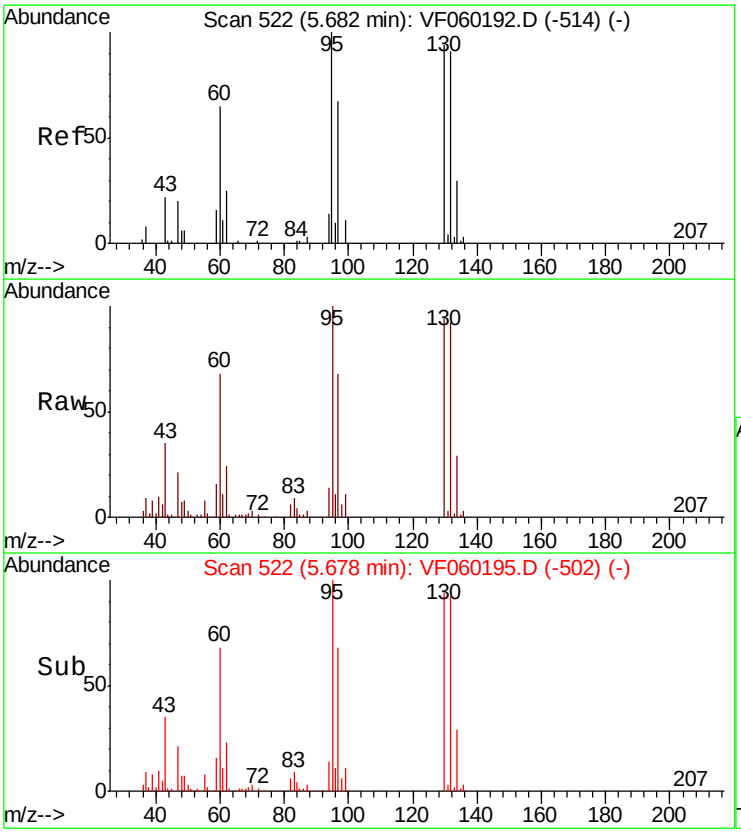

#43
Isopropyl Acetate
Concen: 398.976 ug/l
RT: 7.12 min Scan# 668
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp: 308253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 26.6 | 21.4 | 32.0 |
| 87 | 0.4 | 0.3 | 0.5 |

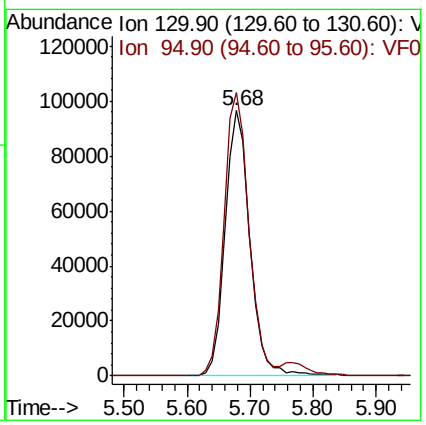


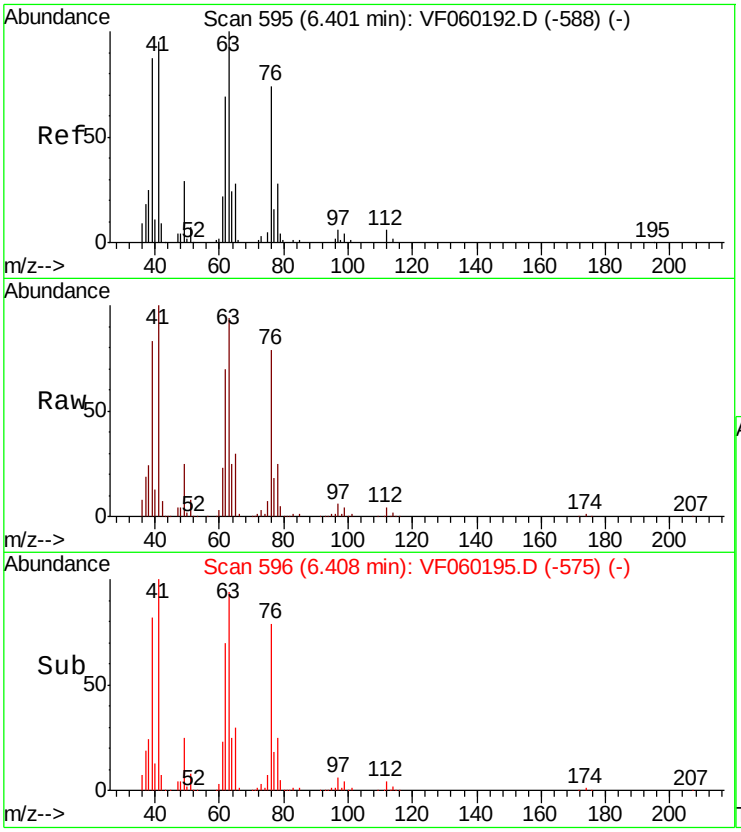




#44
Trichloroethene
Concen: 132.633 ug/l
RT: 5.68 min Scan# 522
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion:130 Resp: 261262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 106.8 | 0.0 | 213.4 |



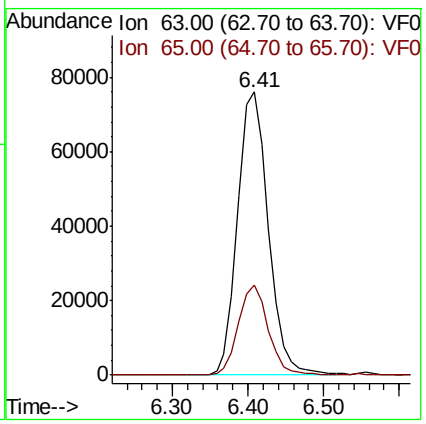


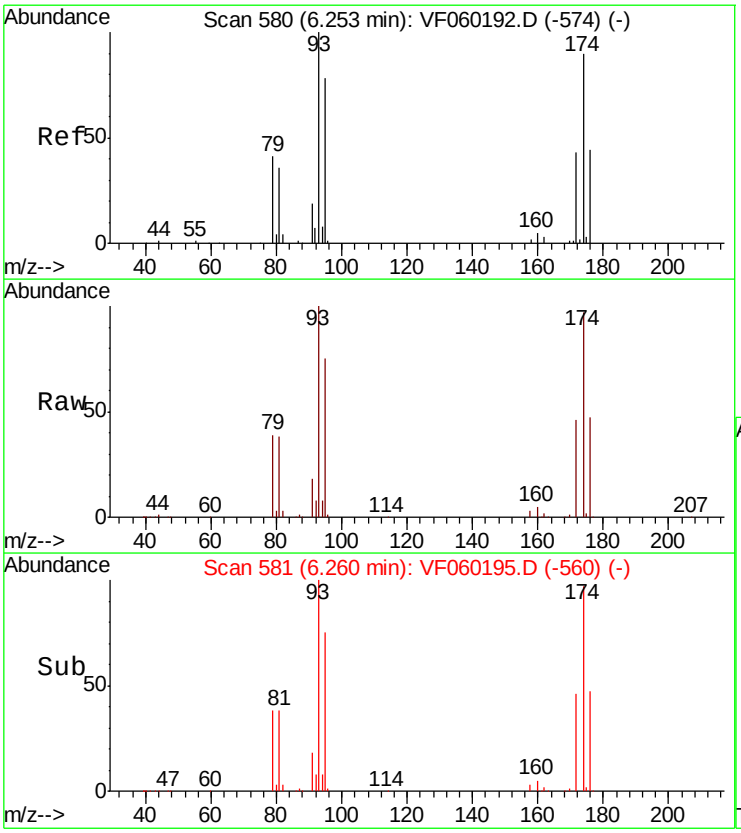

#45
1,2-Dichloropropane
Concen: 198.236 ug/l
RT: 6.41 min Scan# 596
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 63 Resp: 215214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.8 | 22.2 | 33.4 |

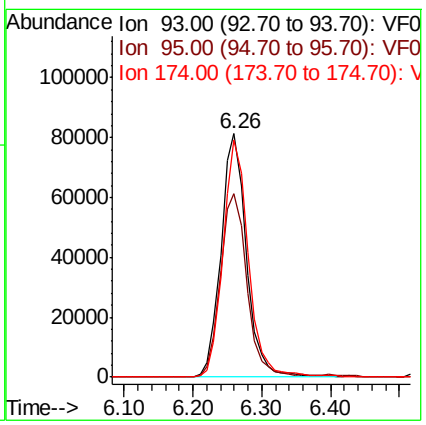


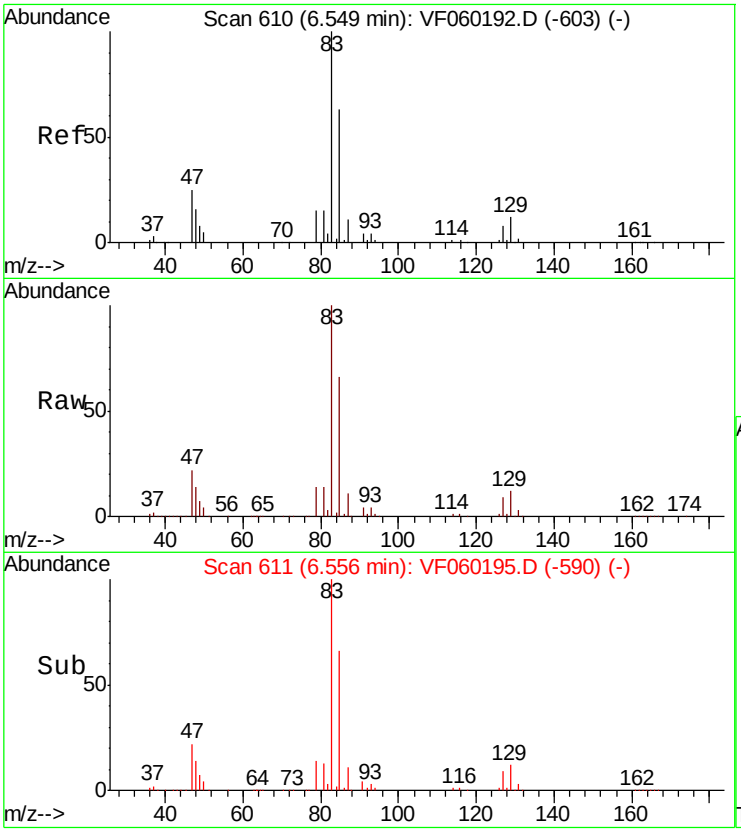




#46
Dibromomethane
Concen: 309.827 ug/l
RT: 6.26 min Scan# 581
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 93 Resp: 207825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 75.3 | 63.4 | 95.2 |
| 174 | 97.3 | 72.0 | 108.0 |



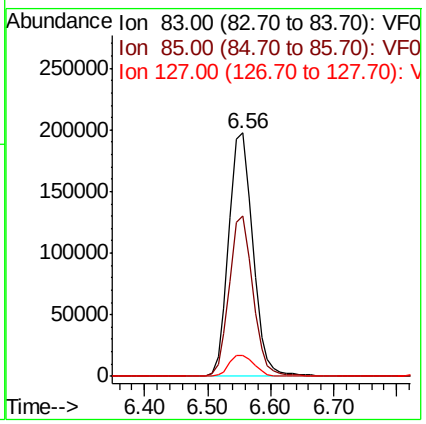


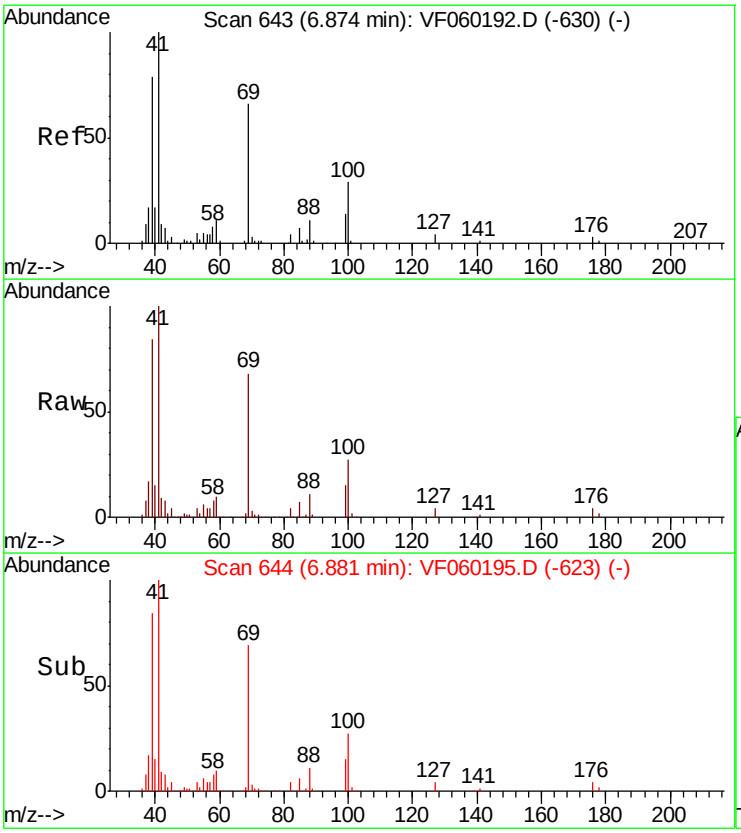

#47
Bromodichloromethane
Concen: 237.850 ug/l
RT: 6.56 min Scan# 611
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 83 Resp: 524329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.9 | 50.1 | 75.1 |
| 127 | 8.8 | 6.6 | 10.0 |

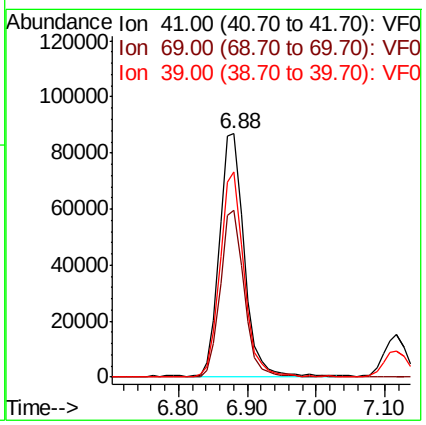


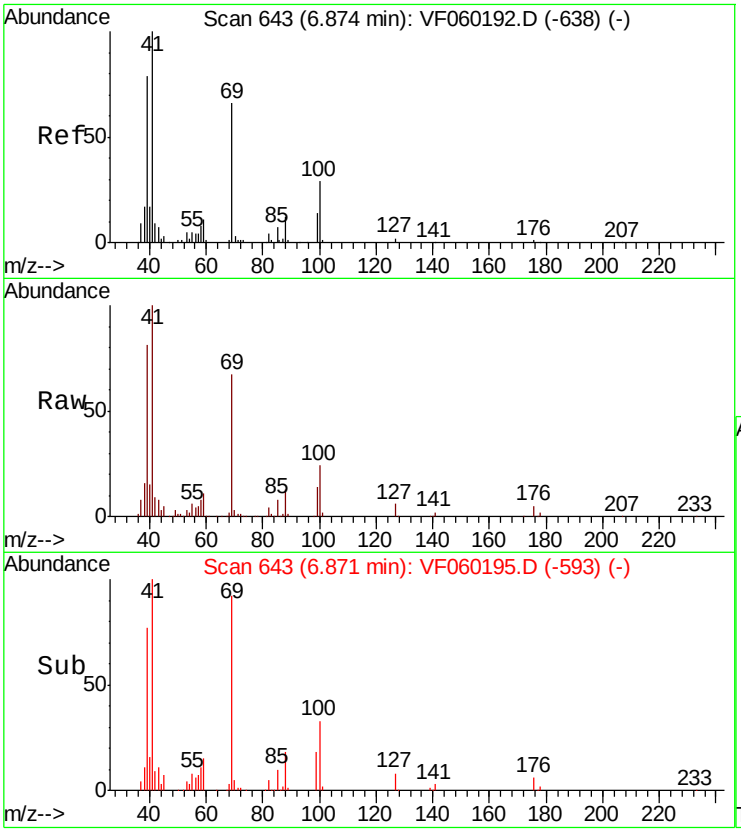




#48
Methyl methacrylate
Concen: 352.408 ug/l
RT: 6.88 min Scan# 644
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 41 Resp: 216257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 68.5 | 52.4 | 78.6 |
| 39 | 84.1 | 63.6 | 95.4 |



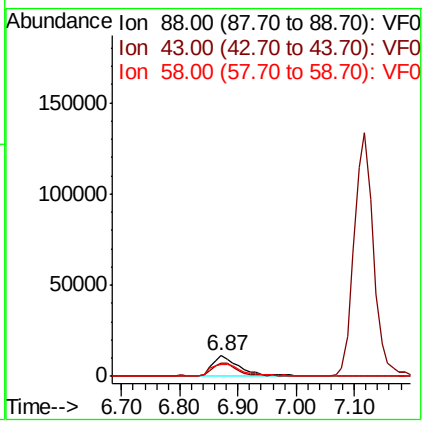


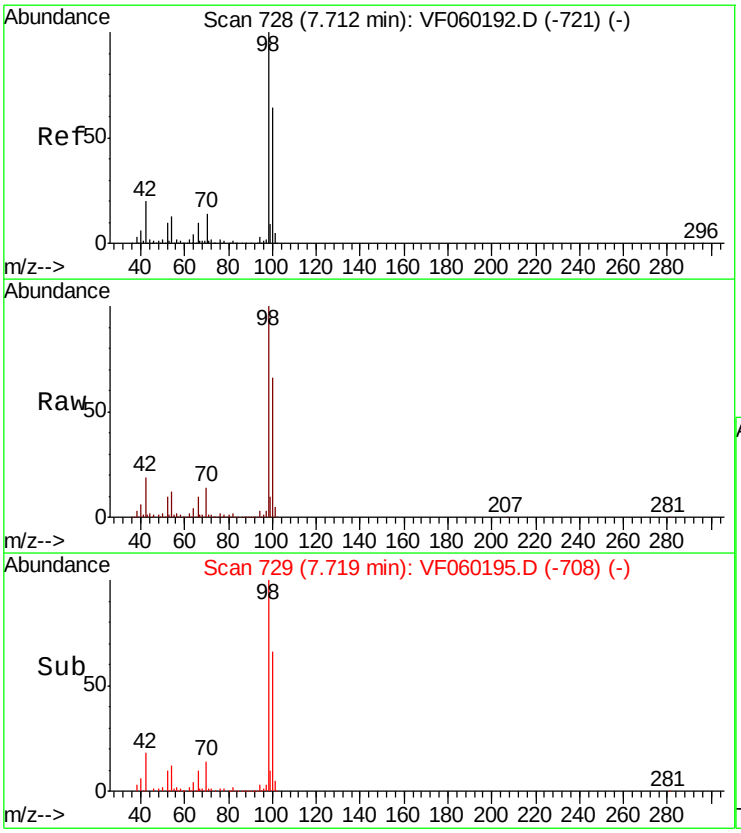

#49
1,4-Dioxane
Concen: 9098.573 ug/l
RT: 6.87 min Scan# 643
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 88 Resp: 38735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 62.6 | 56.5 | 84.7 |
| 58 | 61.1 | 53.5 | 80.3 |

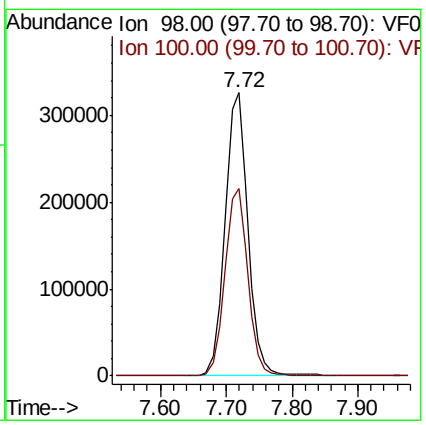


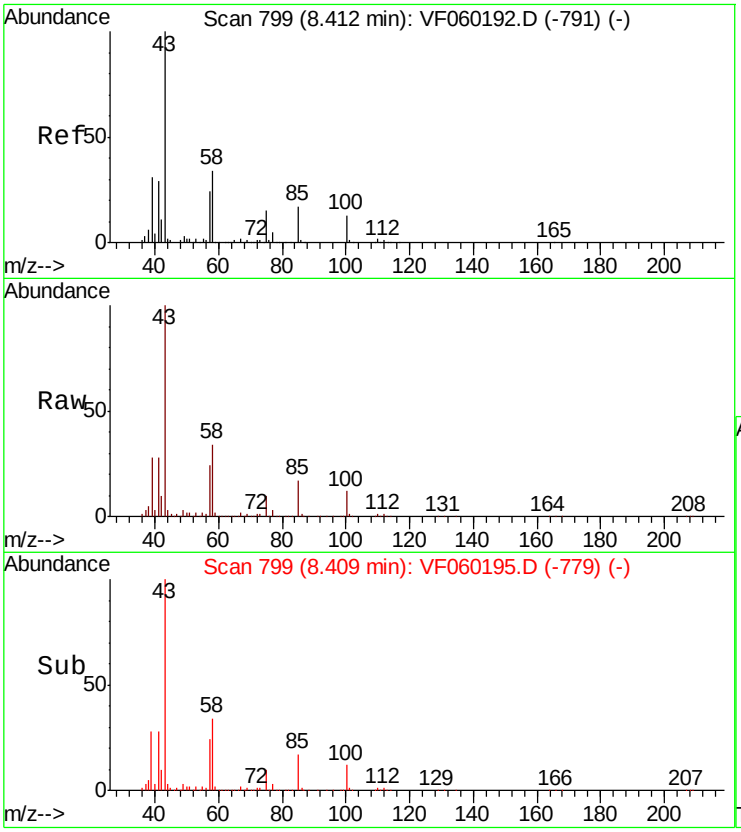




#50
Toluene-d8
Concen: 143.883 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 98 Resp: 792793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.0 | 51.2 | 76.8 |



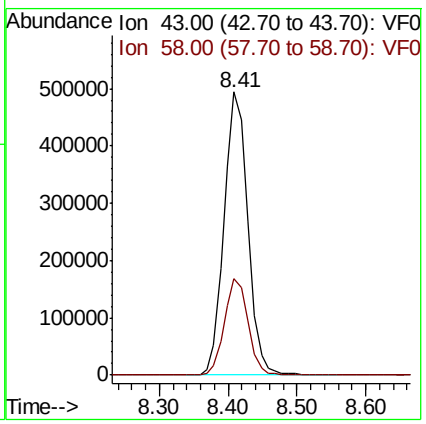


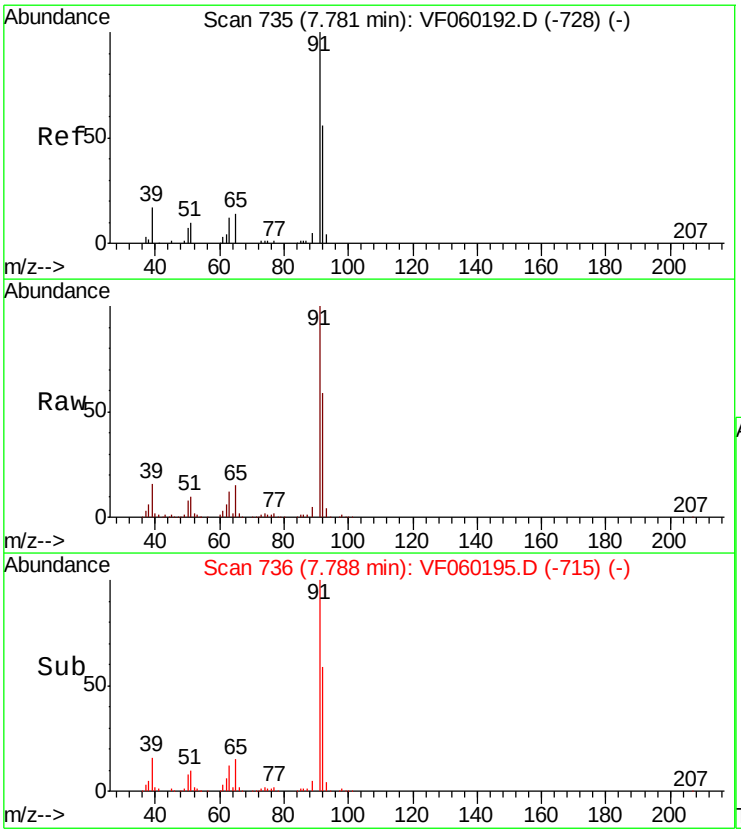

#51
4-Methyl-2-Pentanone
Concen: 1692.196 ug/l
RT: 8.41 min Scan# 799
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 43 Resp: 1180185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.1 | 27.2 | 40.8 |

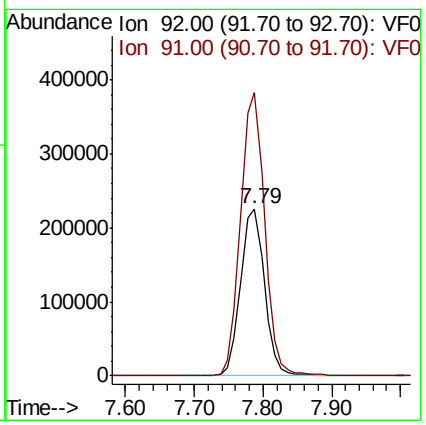


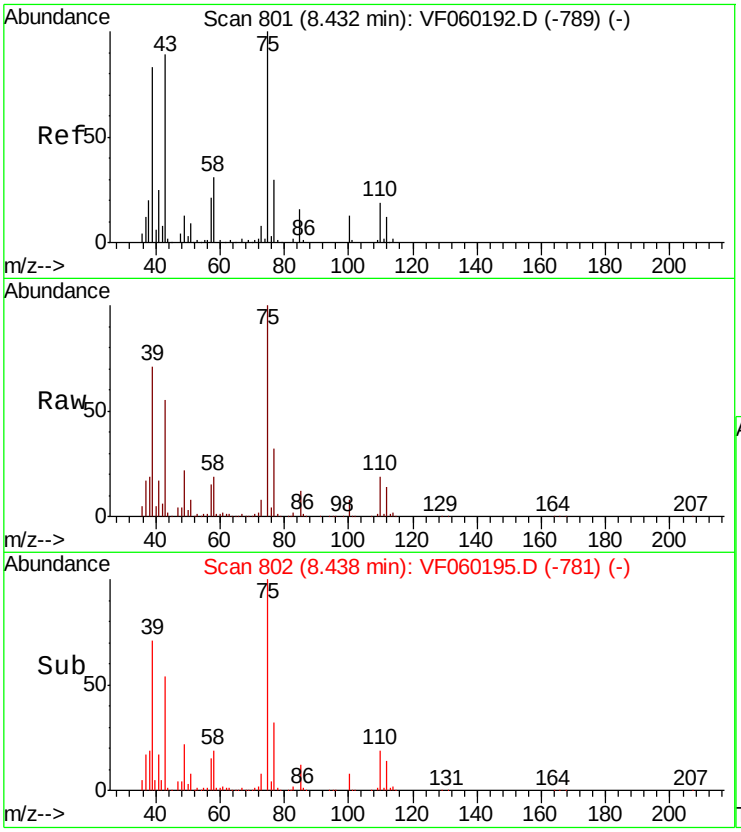




#52
Toluene
Concen: 151.583 ug/l
RT: 7.79 min Scan# 736
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 92 Resp: 547317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 169.6 | 143.2 | 214.8 |



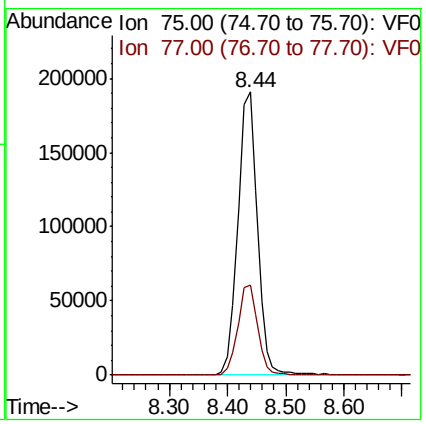


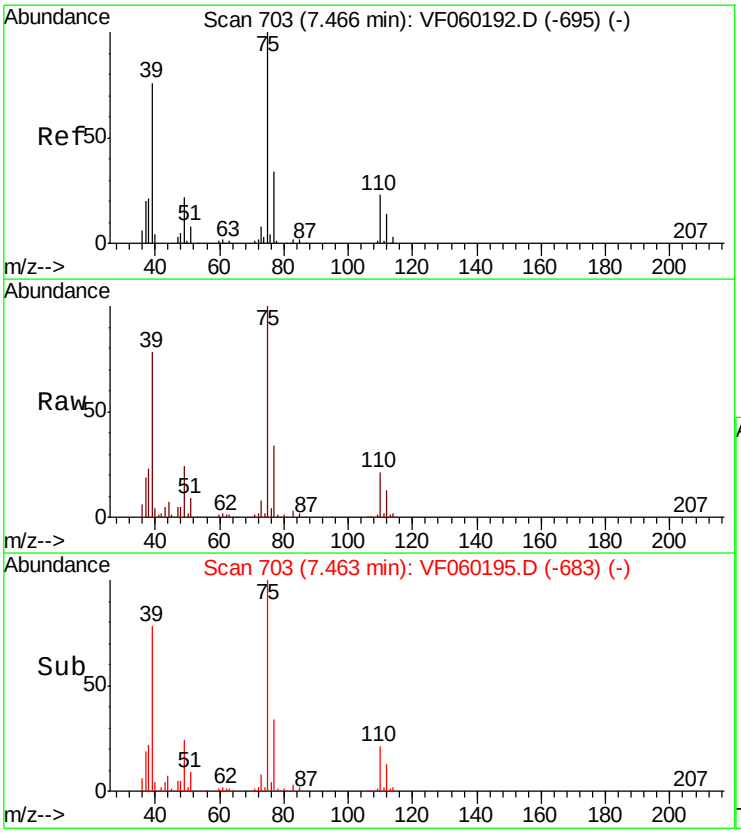

#53
t-1,3-Dichloropropene
Concen: 309.263 ug/l
RT: 8.44 min Scan# 802
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 75 Resp: 448829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.9 | 24.2 | 36.4 |

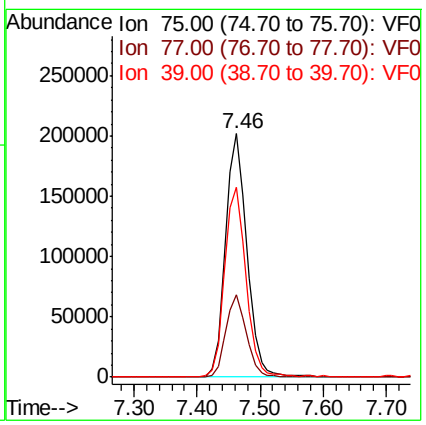


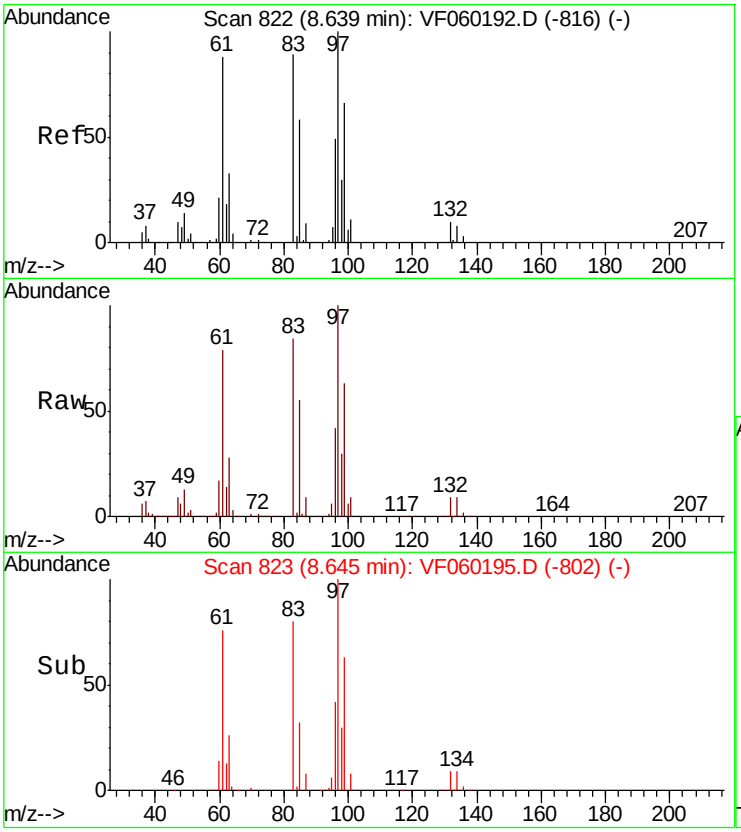




#54
cis-1,3-Dichloropropene
Concen: 269.429 ug/l
RT: 7.46 min Scan# 703
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 75 Resp: 473960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.7 | 27.0 | 40.4 |
| 39 | 77.8 | 61.4 | 92.0 |



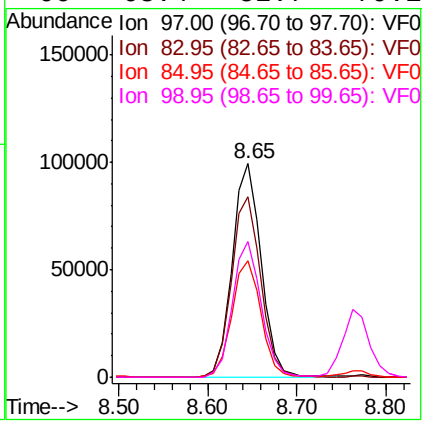


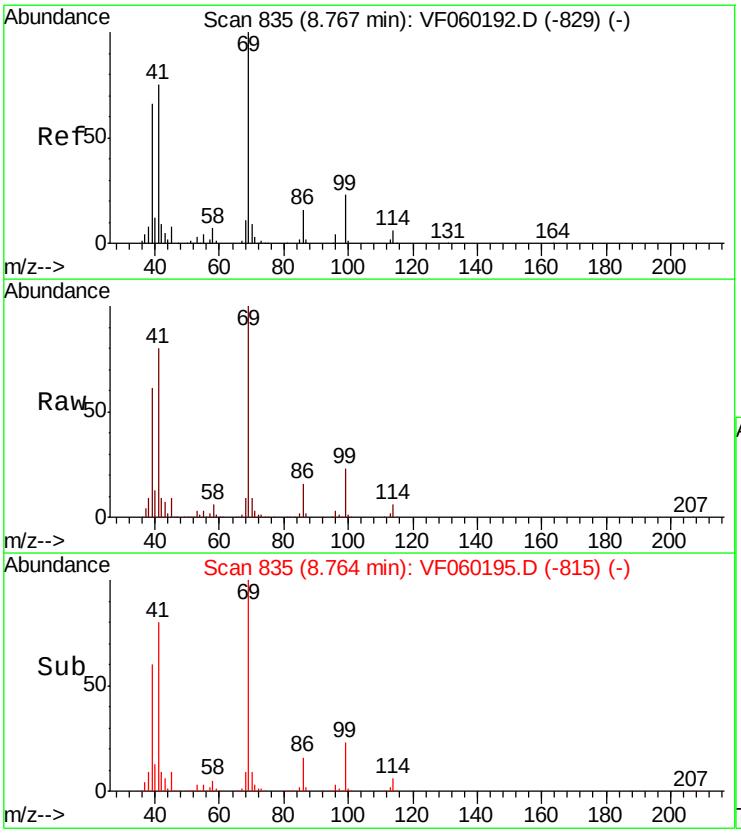

#55
1,1,2-Trichloroethane
Concen: 287.486 ug/l
RT: 8.65 min Scan# 823
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC150

Tgt Ion: 97 Resp: 225409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 84.2 | 71.0 | 106.4 |
| 85 | 54.7 | 46.6 | 70.0 |
| 99 | 63.4 | 52.7 | 79.1 |

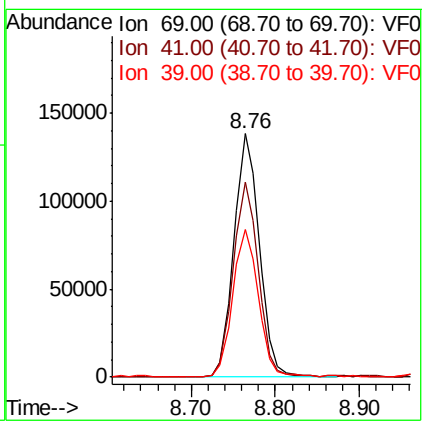


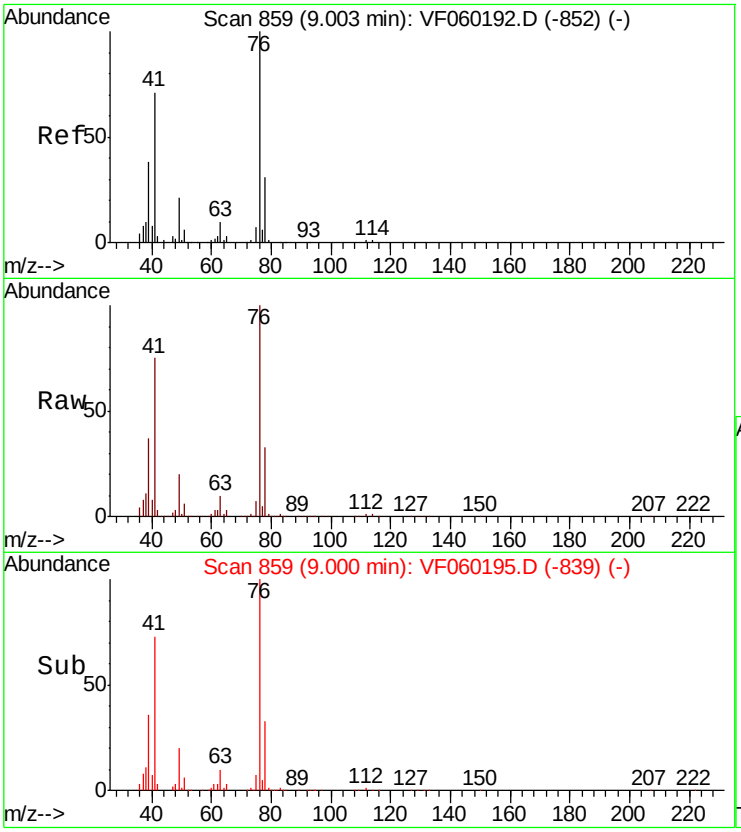




#56
Ethyl methacrylate
Concen: 378.197 ug/l
RT: 8.76 min Scan# 835
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 69 Resp: 291993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 80.1 | 60.6 | 90.8 |
| 39 | 60.5 | 53.4 | 80.2 |



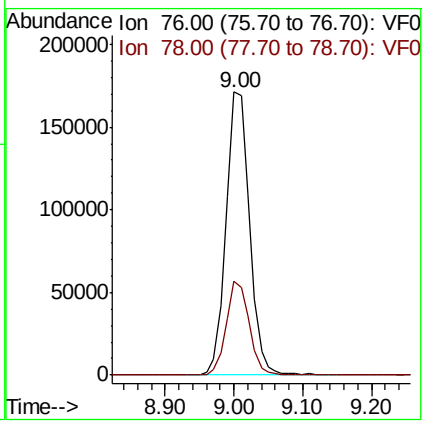


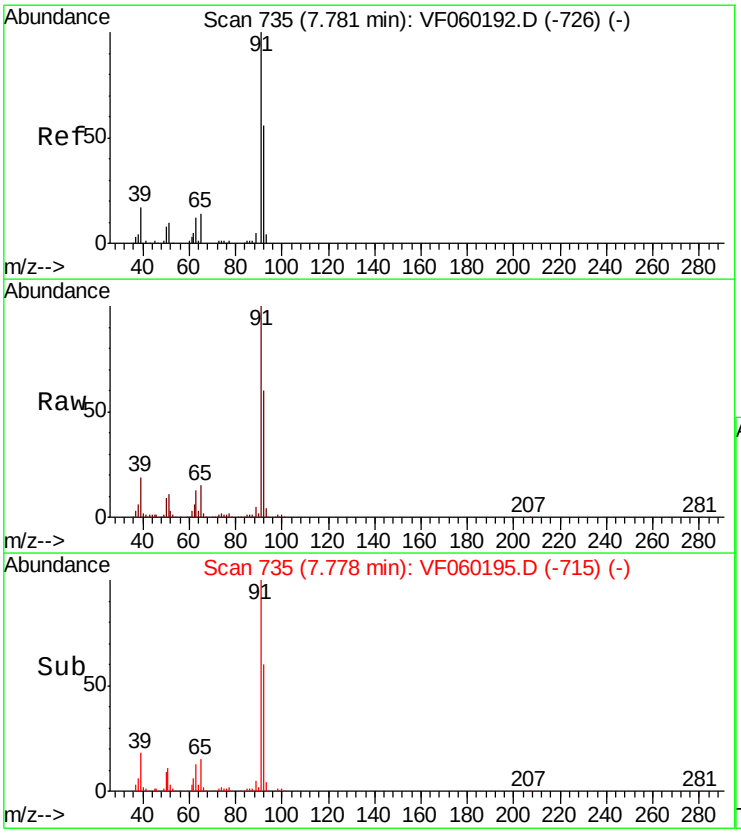

#57
1,3-Dichloropropane
Concen: 297.018 ug/l
RT: 9.00 min Scan# 859
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 76 Resp: 404571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 33.4 | 24.5 | 36.7 |

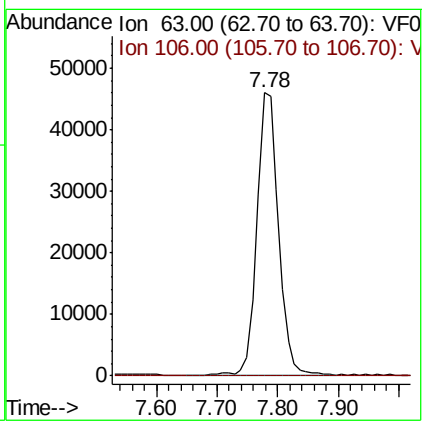


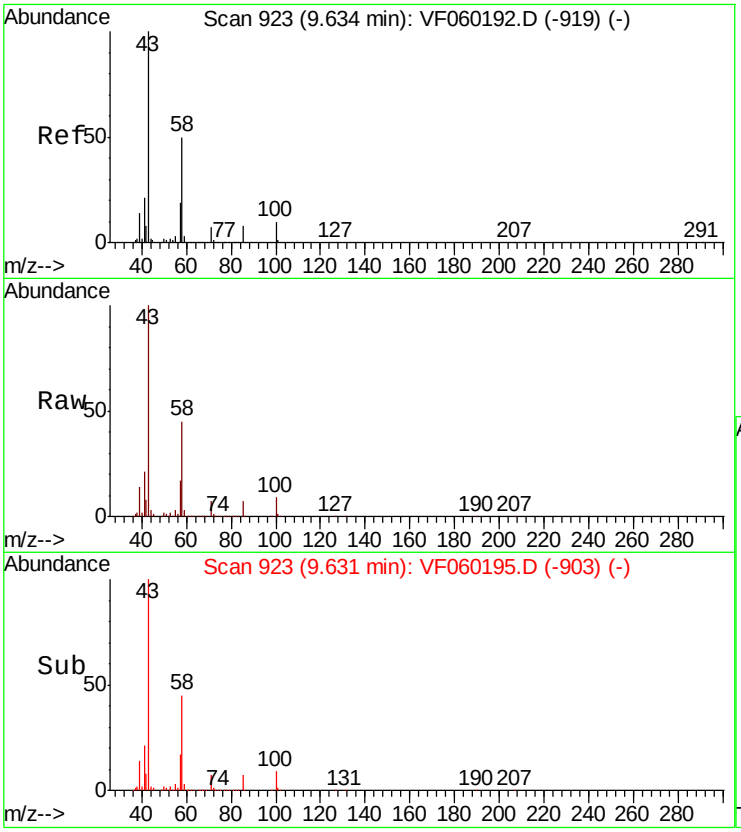




#58
2-Chloroethyl Vinyl ether
Concen: 764.569 ug/l
RT: 7.78 min Scan# 735
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 63 Resp: 114728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 0.0 | 0.0 | 0.0 |



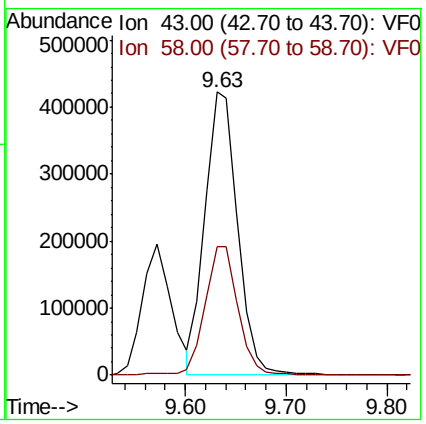


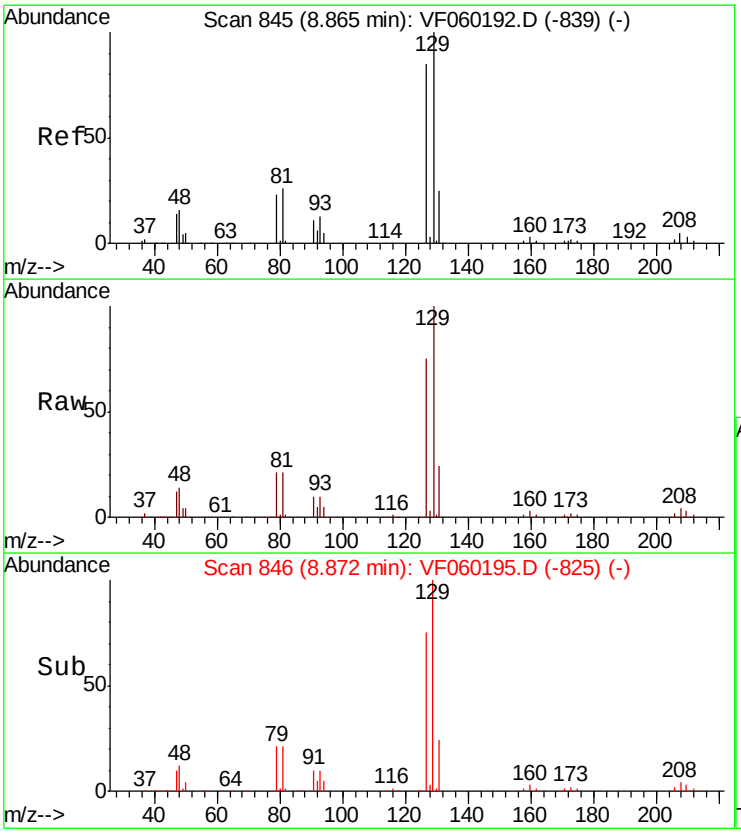

#59
2-Hexanone
Concen: 1811.761 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC150

Tgt Ion: 43 Resp: 950327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 45.4 | 23.0 | 69.0 |

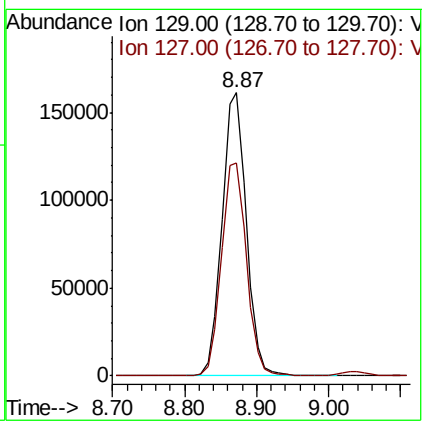


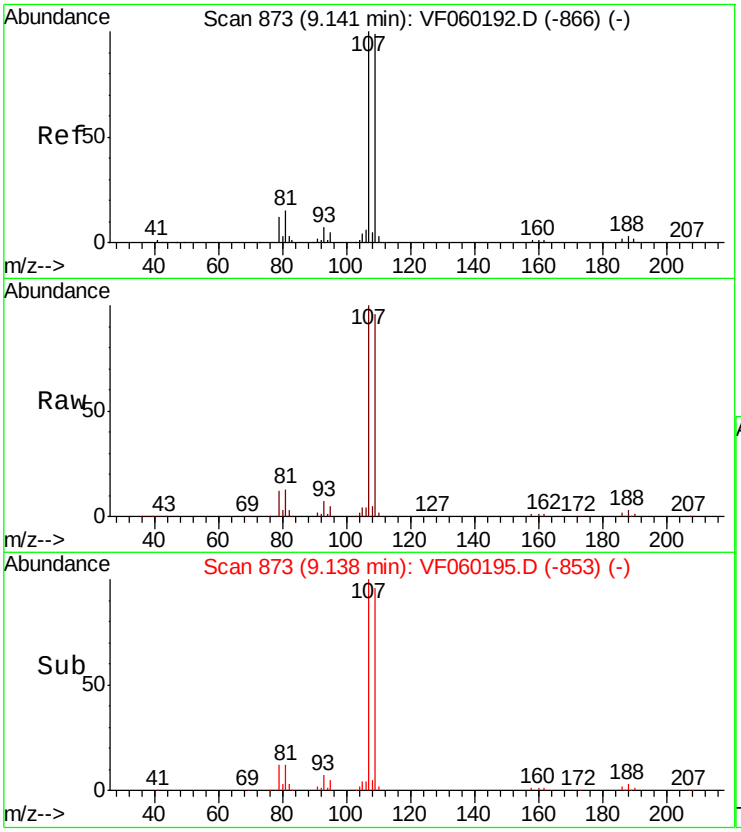




#60
Dibromochloromethane
Concen: 295.611 ug/l
RT: 8.87 min Scan# 846
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion:129 Resp: 377331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 75.1 | 42.5 | 127.5 |



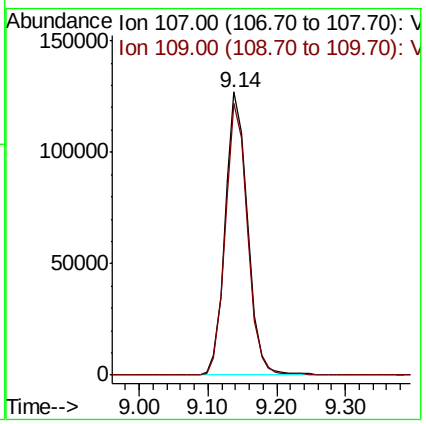


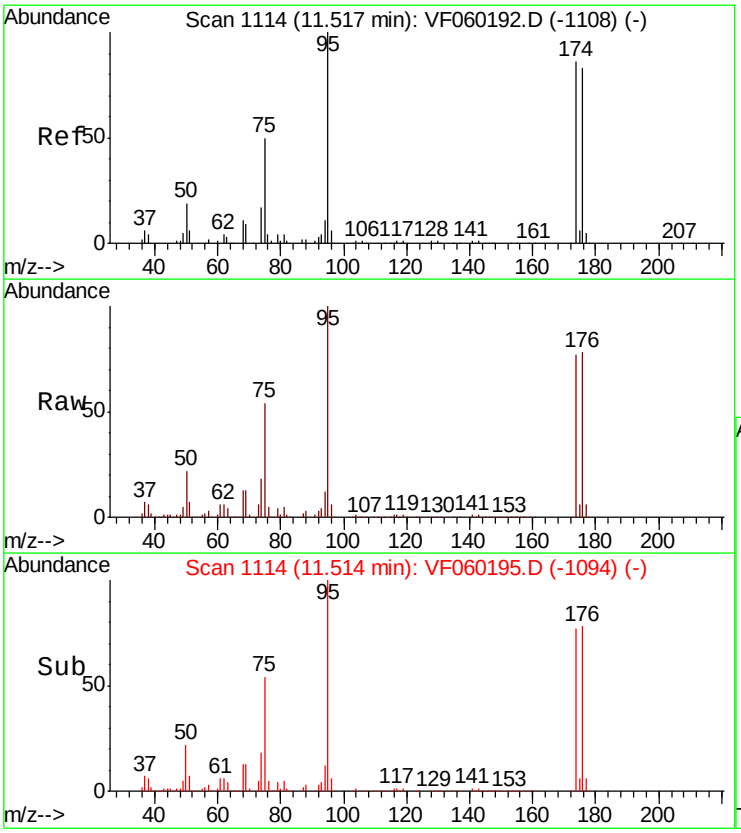

#61
1,2-Dibromoethane
Concen: 332.017 ug/l
RT: 9.14 min Scan# 873
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC150

Tgt Ion:107 Resp: 285881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 96.2 | 79.5 | 119.3 |

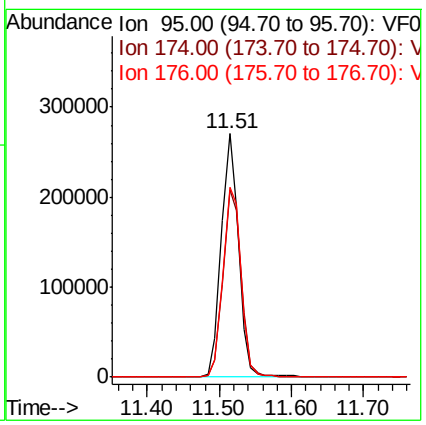


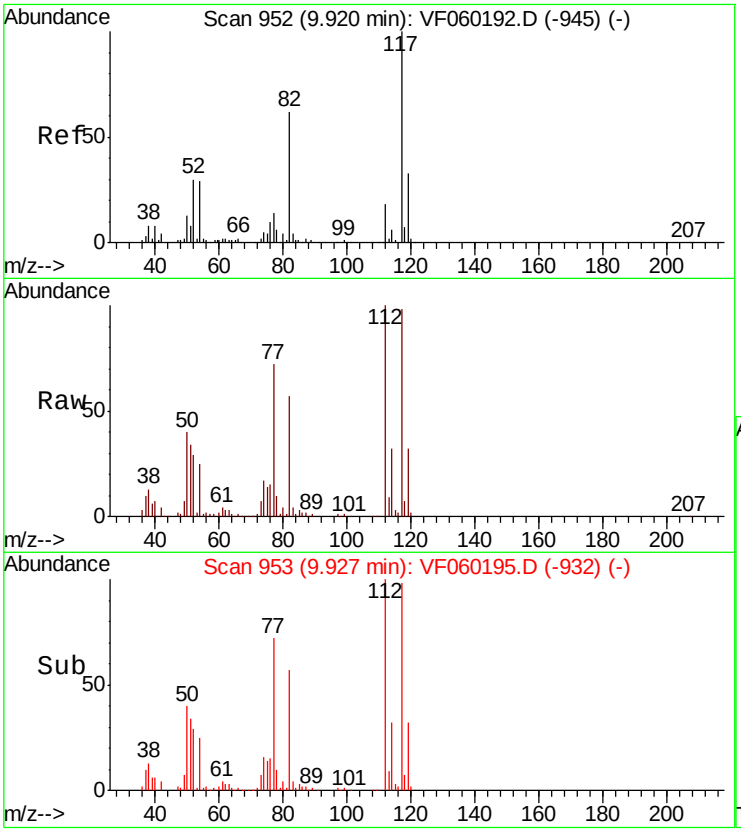




#62
4-Bromofluorobenzene
Concen: 199.249 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 95 Resp: 450048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.0 | 0.0 | 171.2 |
| 176 | 78.0 | 0.0 | 167.0 |



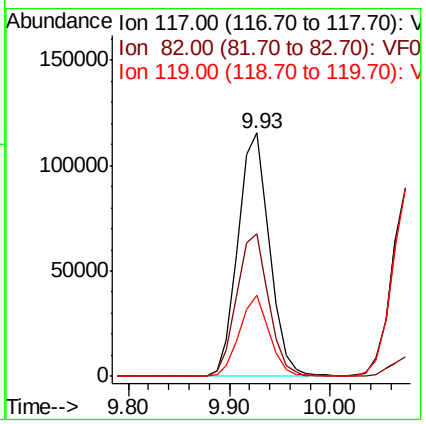


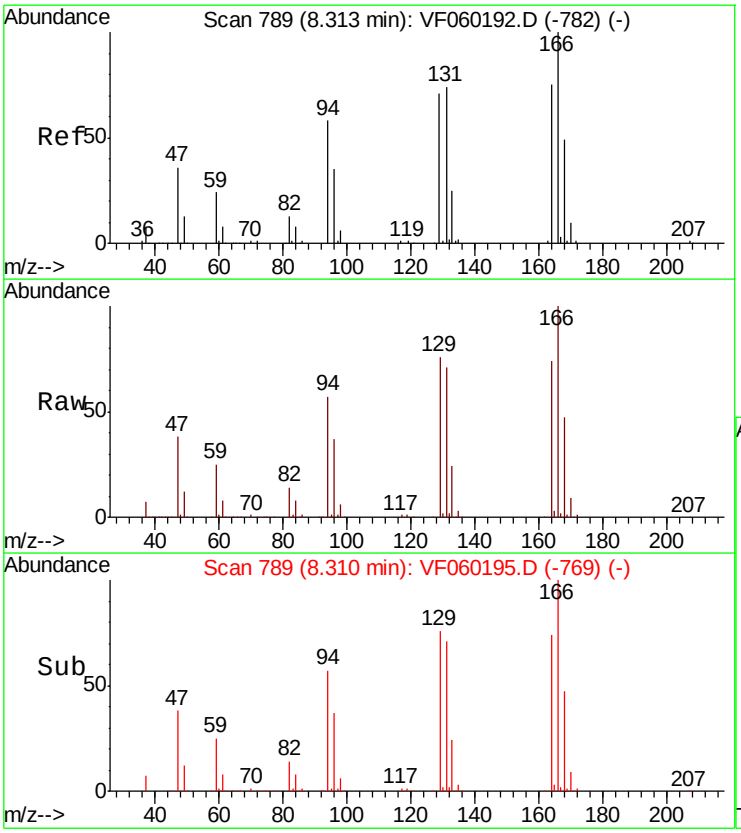

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC150

Tgt Ion:117 Resp: 252569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 58.5 | 49.9 | 74.9 |
| 119 | 33.2 | 26.5 | 39.7 |

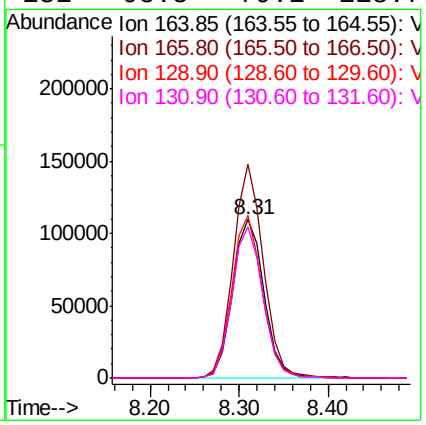


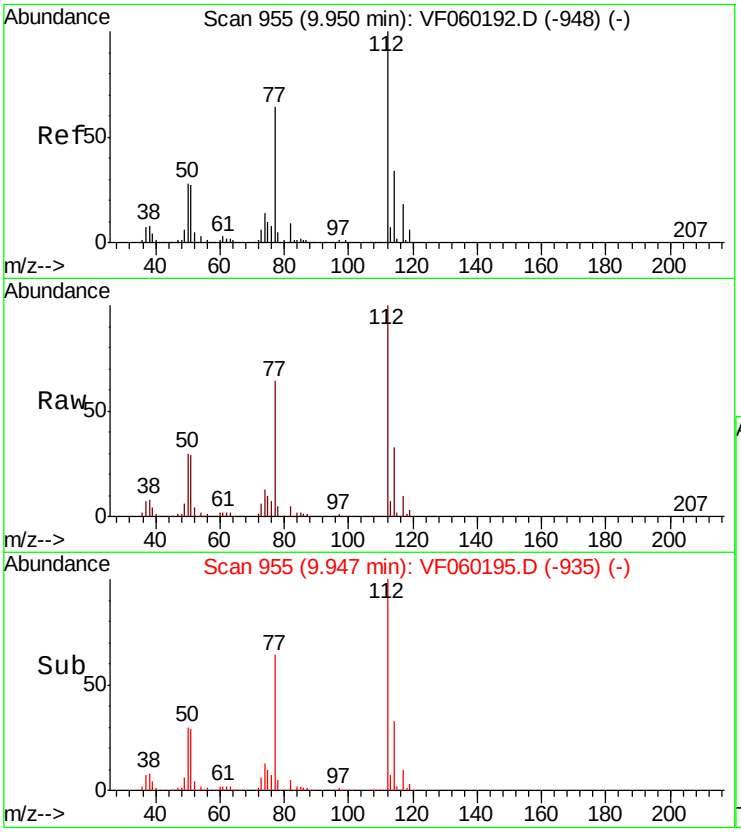




#64
Tetrachloroethene
Concen: 92.601 ug/l
RT: 8.31 min Scan# 789
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion:164 Resp: 268652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 134.6 | 106.6 | 160.0 |
| 129 | 102.1 | 75.4 | 113.0 |
| 131 | 95.5 | 79.1 | 118.7 |



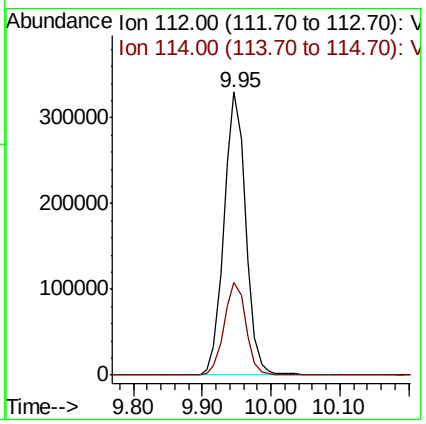


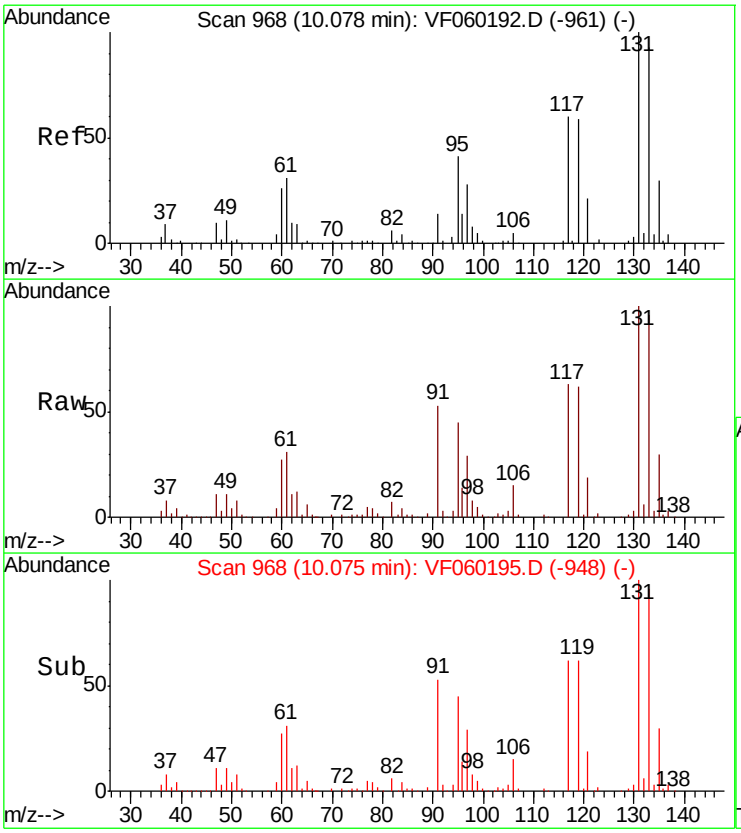

#65
Chlorobenzene
Concen: 141.747 ug/l
RT: 9.95 min Scan# 955
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion:112 Resp: 721443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.7 | 26.8 | 40.2 |

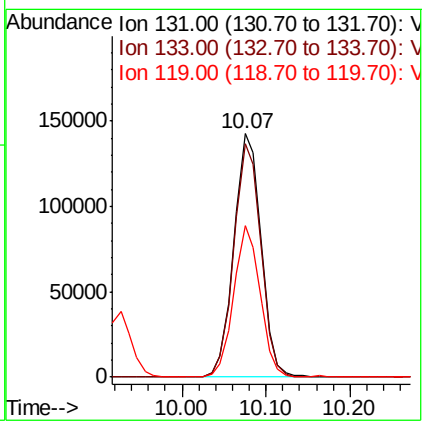


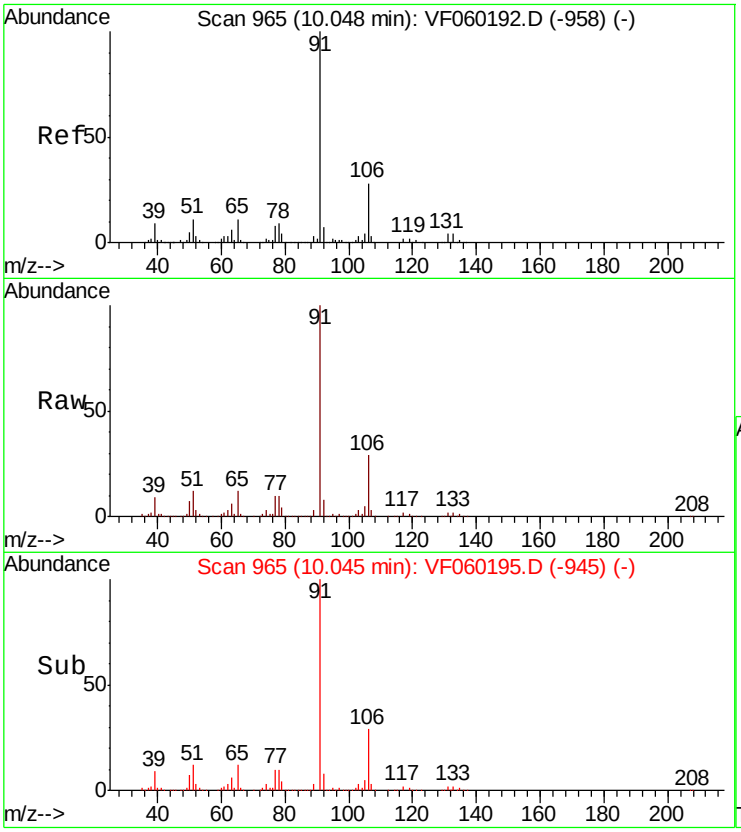




#66
1,1,1,2-Tetrachloroethane
Concen: 181.650 ug/l
RT: 10.07 min Scan# 968
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion:131 Resp: 321321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.7 | 46.6 | 139.7 |
| 119 | 62.3 | 29.9 | 89.7 |



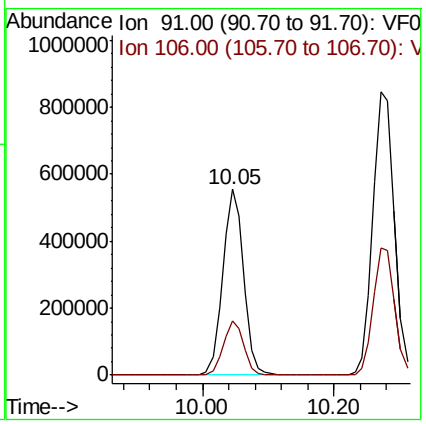


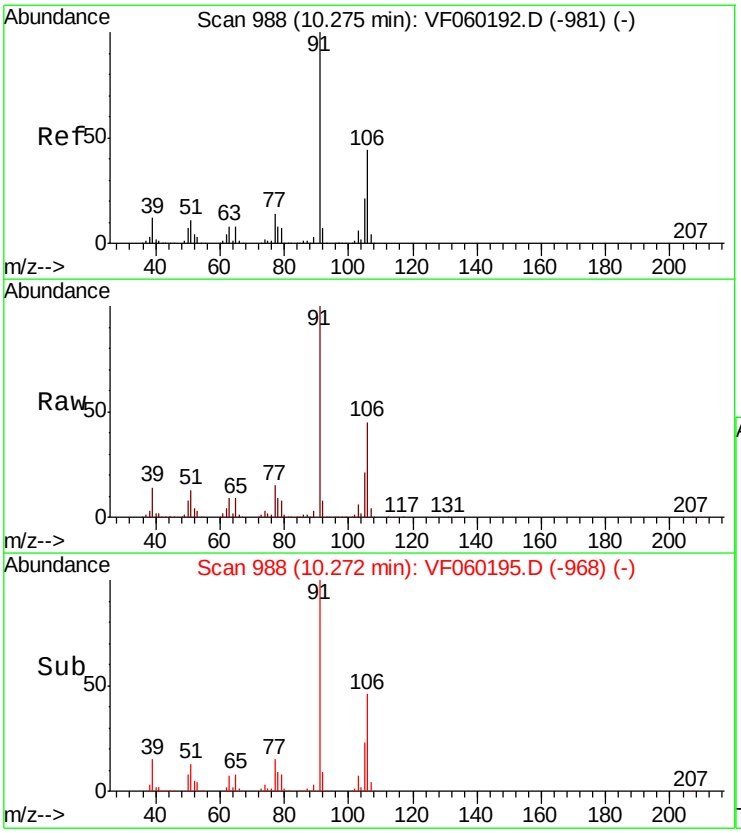

#67
Ethyl Benzene
Concen: 111.633 ug/l
RT: 10.05 min Scan# 965
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 91 Resp: 1229513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.1 | 22.0 | 33.0 |

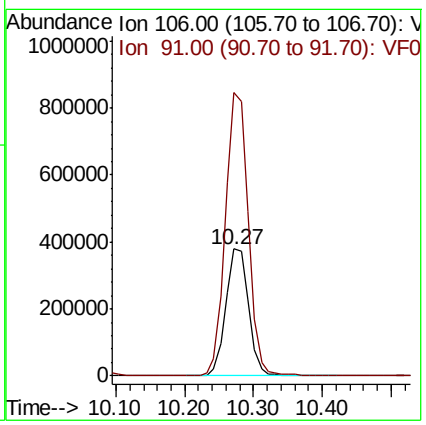


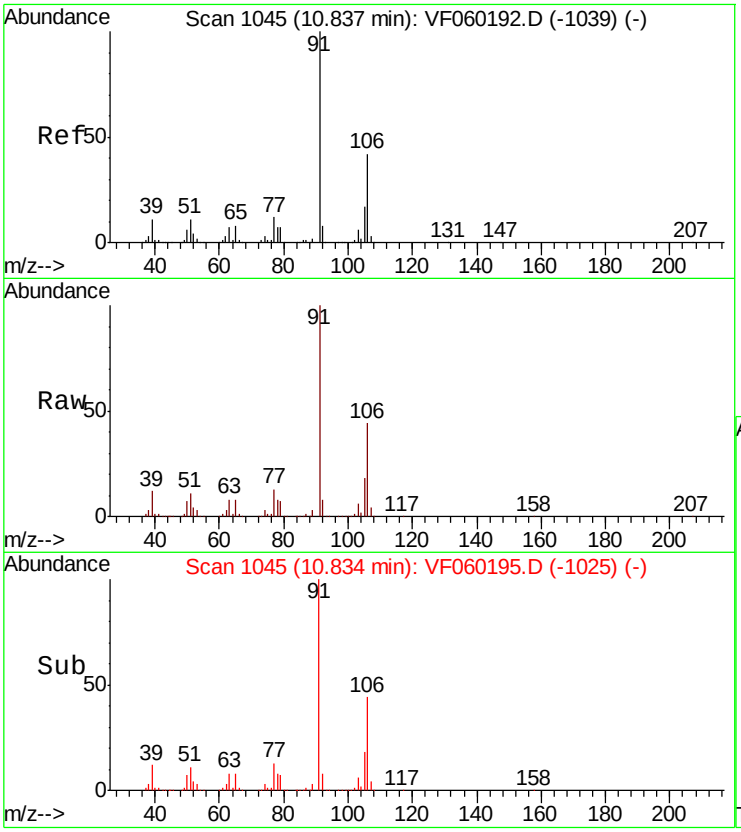




#68
m/p-Xylenes
Concen: 235.753 ug/l
RT: 10.27 min Scan# 988
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion:106 Resp: 867565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 222.8 | 183.4 | 275.0 |



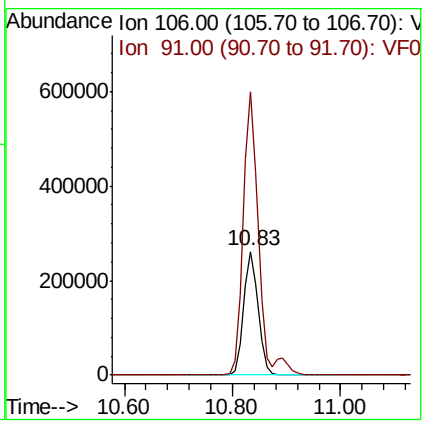


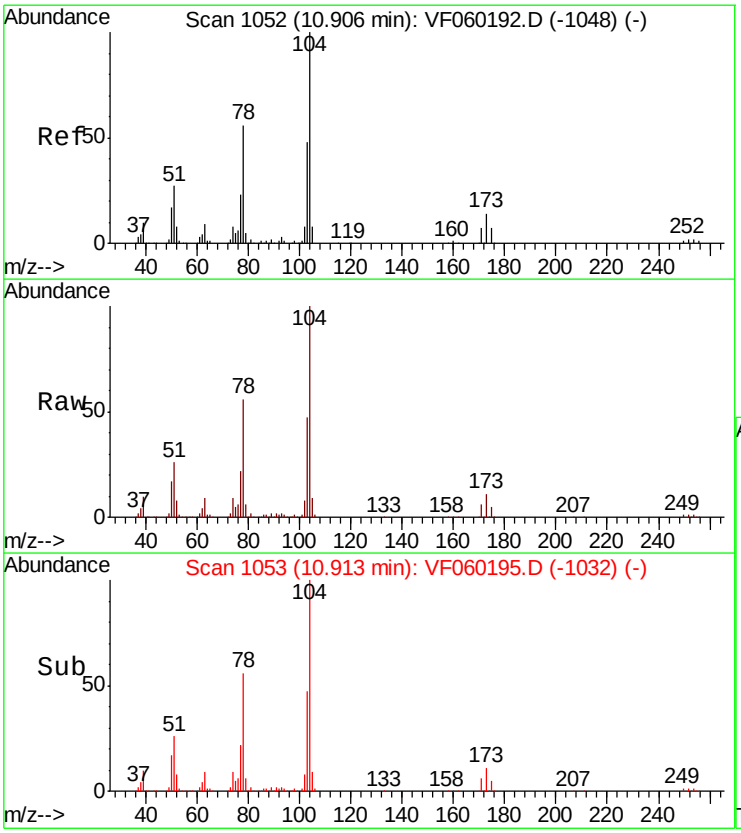

#69
o-Xylene
Concen: 144.667 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion:106 Resp: 488247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 228.4 | 120.2 | 360.6 |

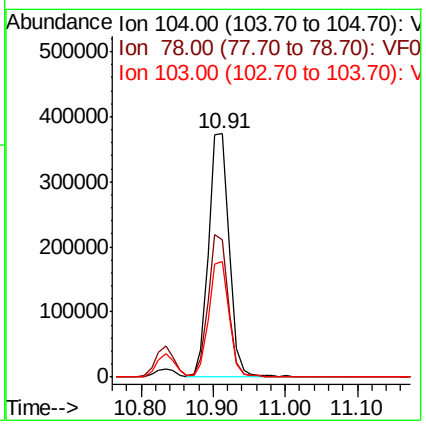


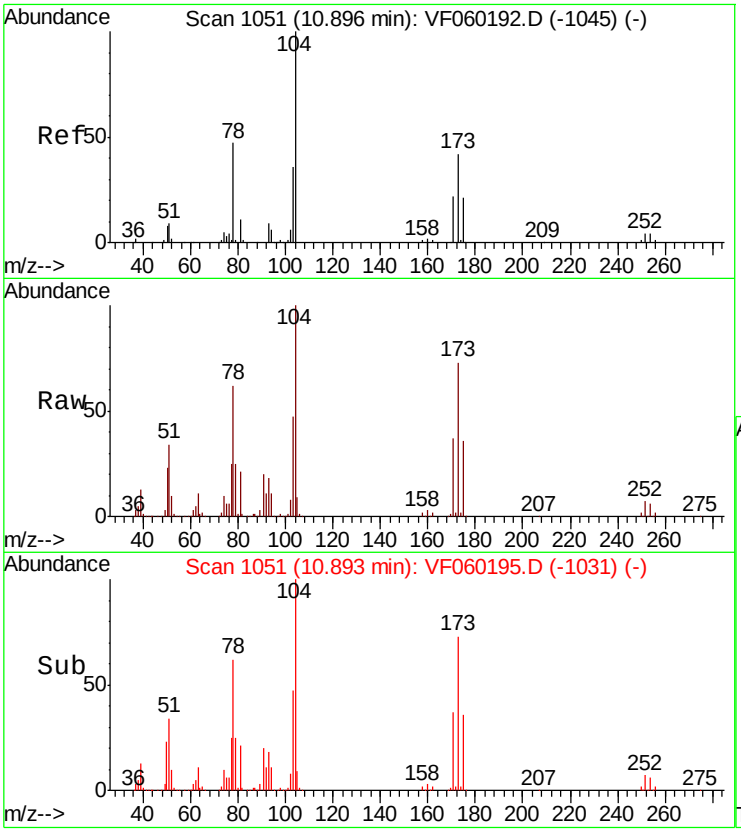




#70
Styrene
Concen: 167.642 ug/l
RT: 10.91 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion:104 Resp: 728814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 56.4 | 45.4 | 68.0 |
| 103 | 47.3 | 38.9 | 58.3 |



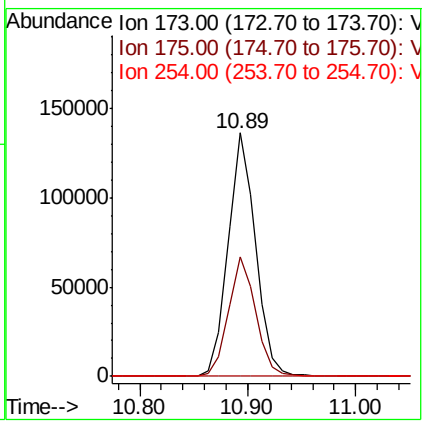


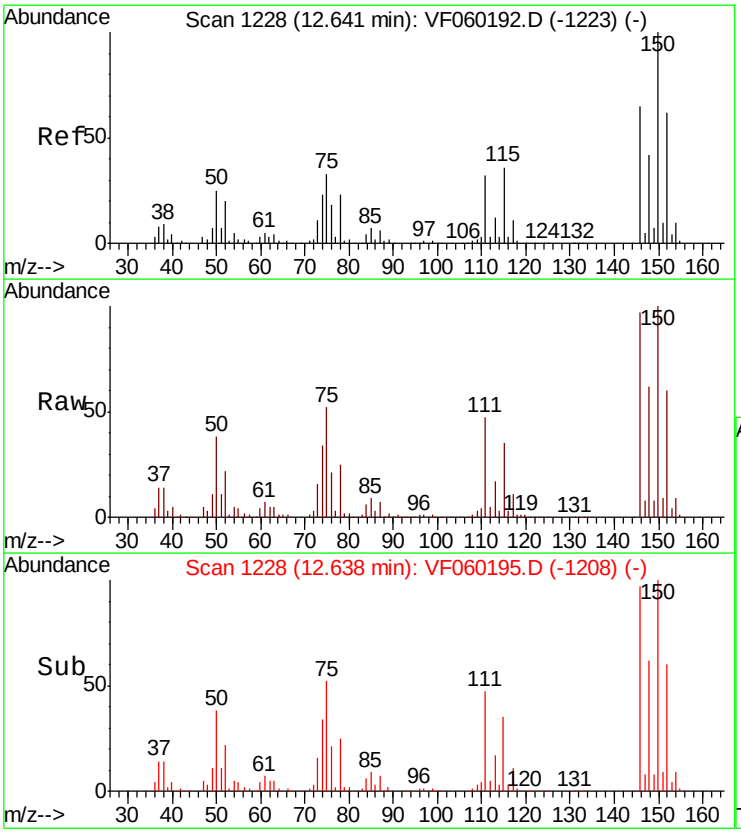

#71
Bromoform
Concen: 321.516 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion:173 Resp: 240623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.1 | 24.8 | 74.3 |
| 254 | 0.1 | 0.0 | 0.0# |

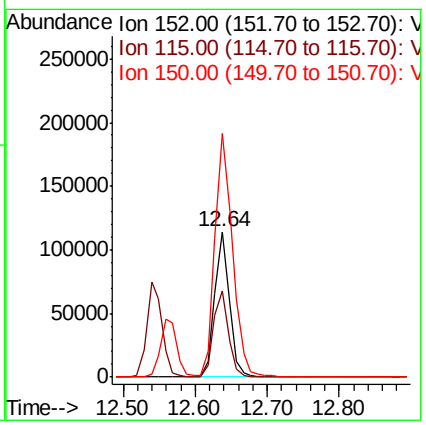


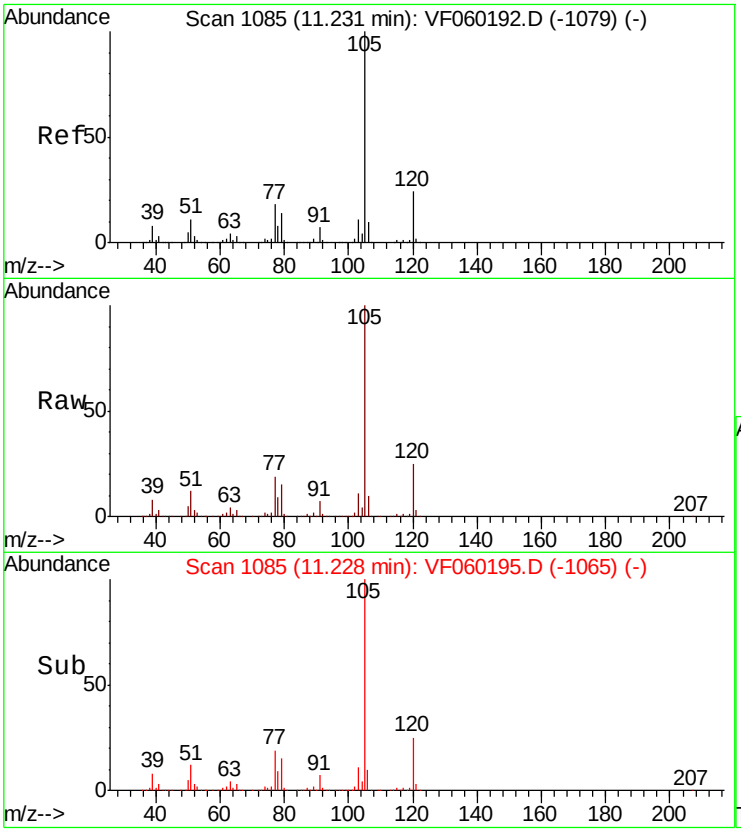




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion:152 Resp: 159142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.3 | 28.9 | 86.8 |
| 150 | 167.3 | 0.0 | 323.2 |



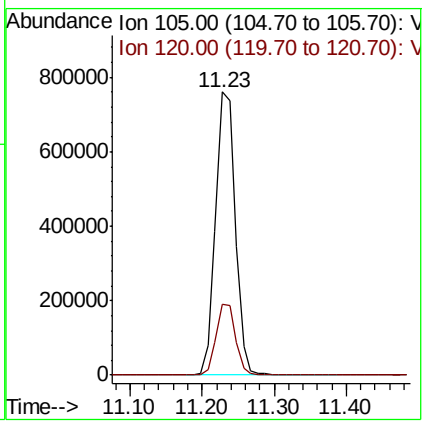


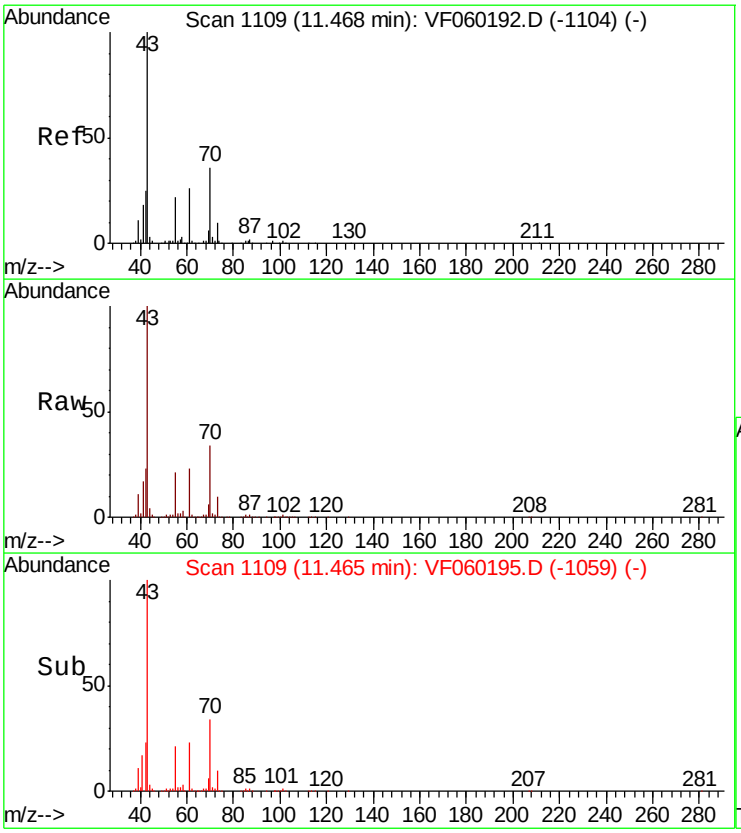

#73
Isopropylbenzene
Concen: 89.433 ug/l
RT: 11.23 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC150

Tgt Ion:105 Resp: 1437371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 24.8 | 12.3 | 36.8 |

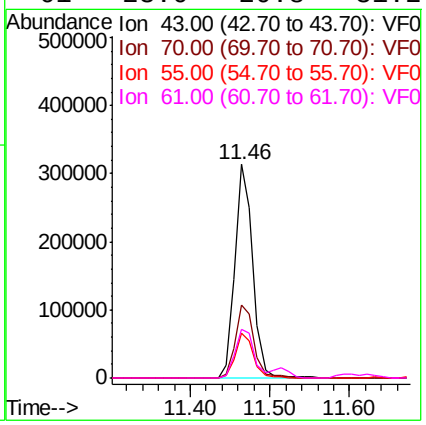


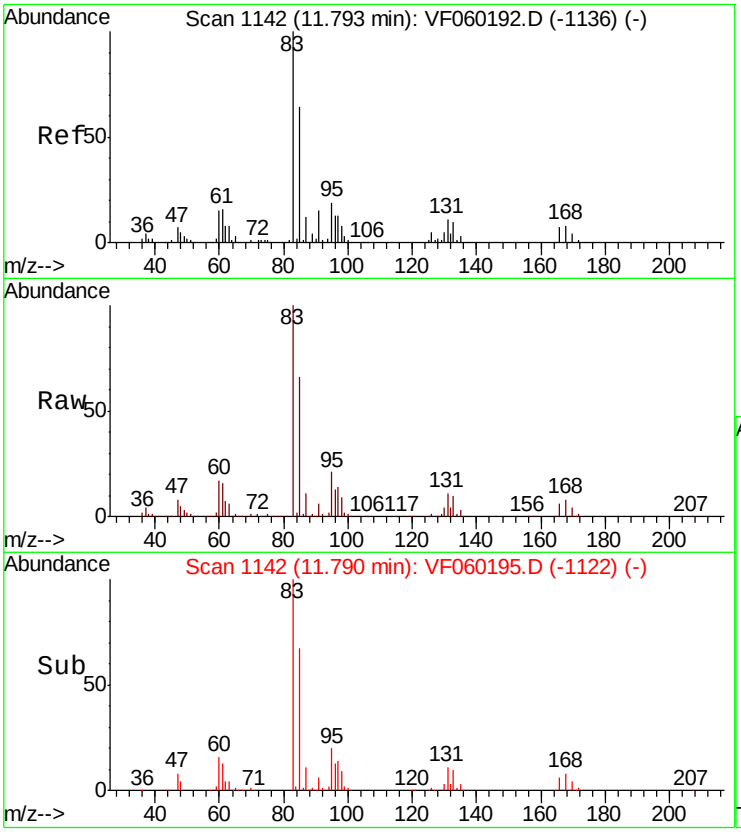




#74
N-amyl acetate
Concen: 296.730 ug/l
RT: 11.46 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 43 Resp: 492323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 33.9 | 28.6 | 43.0 |
| 55 | 20.9 | 17.4 | 26.2 |
| 61 | 23.0 | 20.8 | 31.2 |



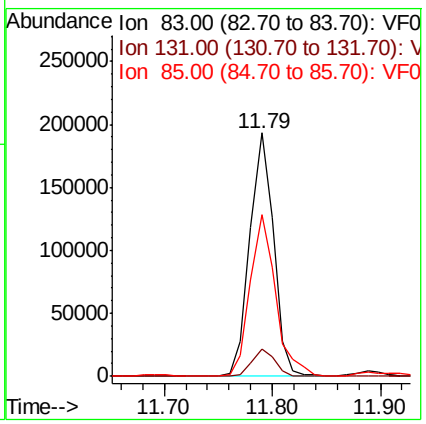


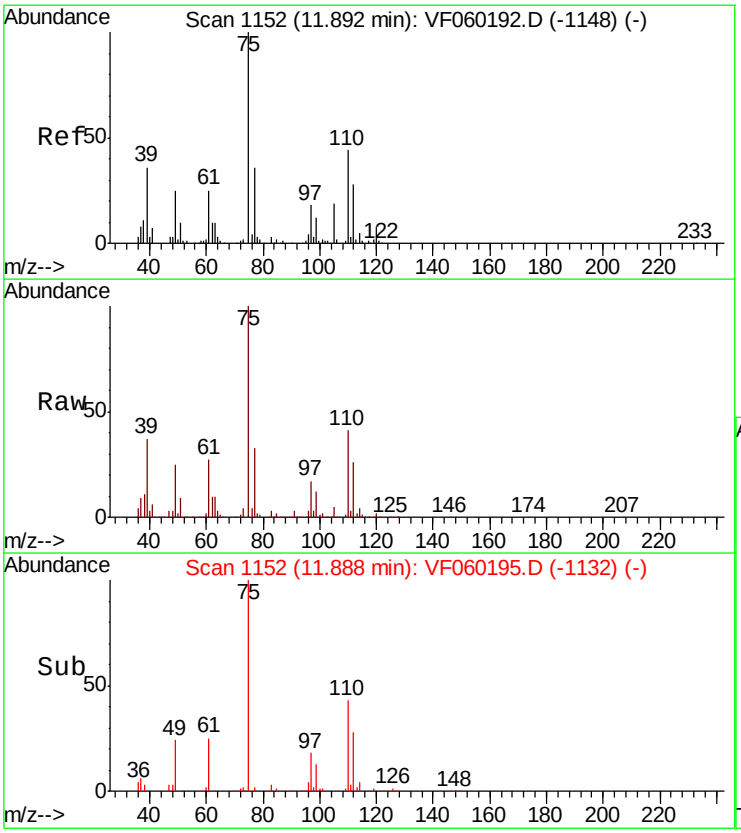

#75
1,1,2,2-Tetrachloroethane
Concen: 220.019 ug/l
RT: 11.79 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 83 Resp: 297465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.3 | 5.5 | 16.5 |
| 85 | 66.5 | 32.2 | 96.6 |

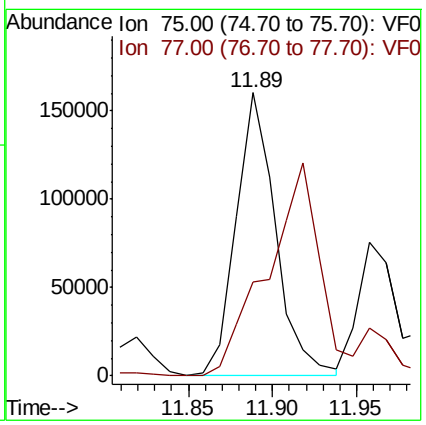


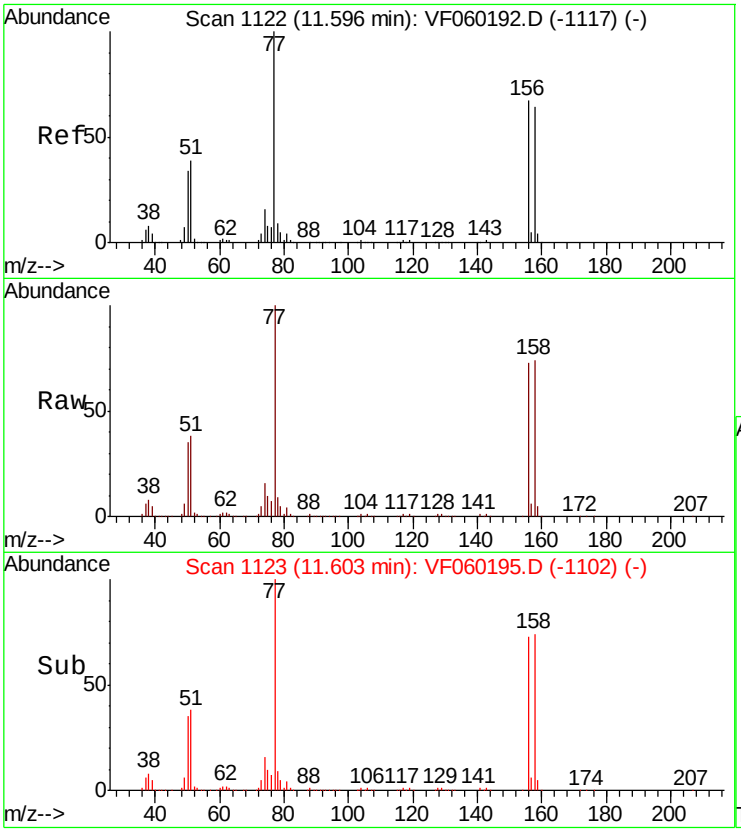




#76
1,2,3-Trichloropropane
Concen: 227.067 ug/l
RT: 11.89 min Scan# 1152
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 75 Resp: 260010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.2 | 17.9 | 53.8 |



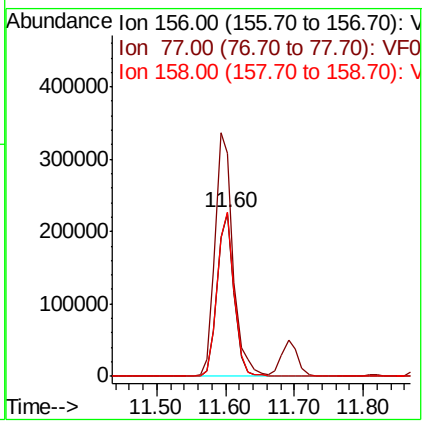


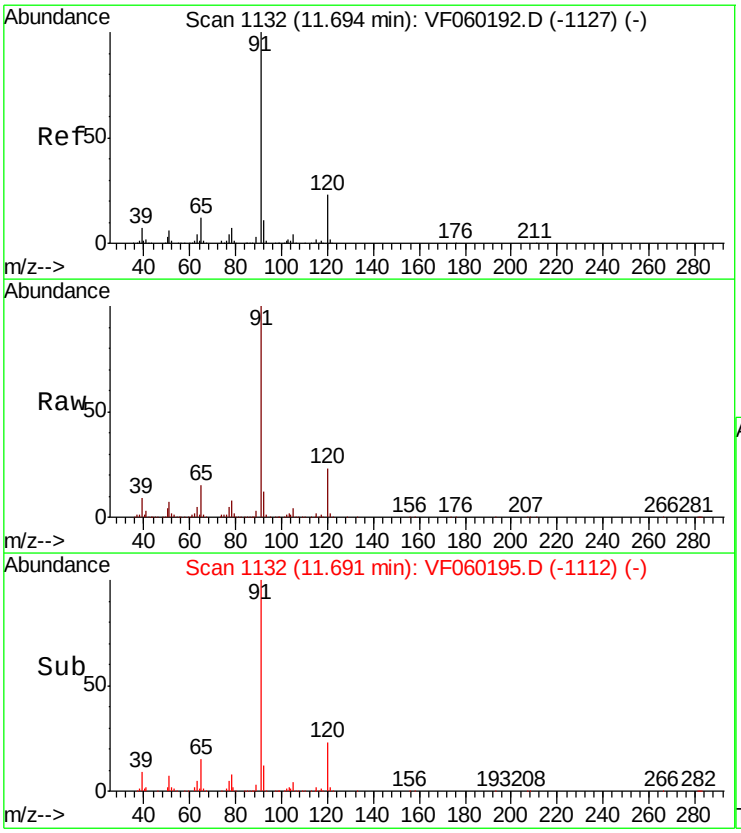

#77
Bromobenzene
Concen: 148.817 ug/l
RT: 11.60 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion:156 Resp: 383322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 136.4 | 74.5 | 223.5 |
| 158 | 100.6 | 47.3 | 141.8 |

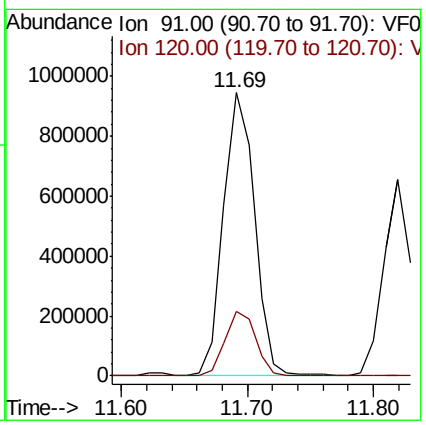


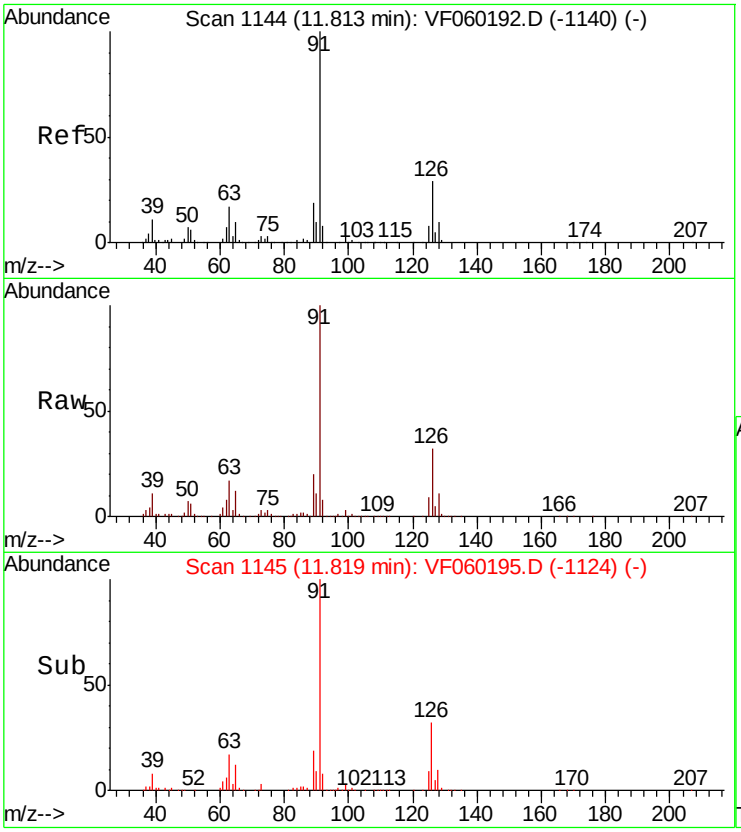




#78
n-propylbenzene
Concen: 83.040 ug/l
RT: 11.69 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 91 Resp: 1610669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.9 | 11.3 | 33.9 |



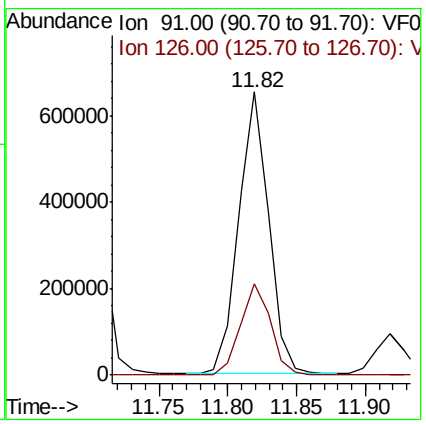


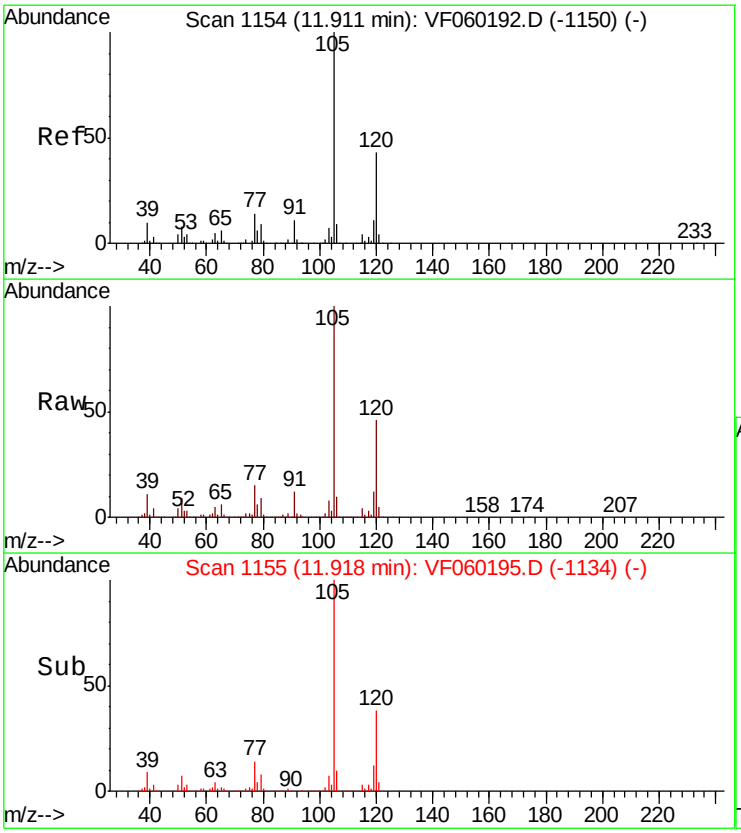

#79
2-Chlorotoluene
Concen: 105.662 ug/l
RT: 11.82 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 91 Resp: 989105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.2 | 14.7 | 44.1 |

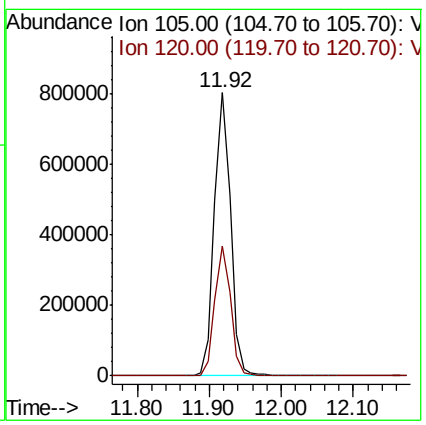


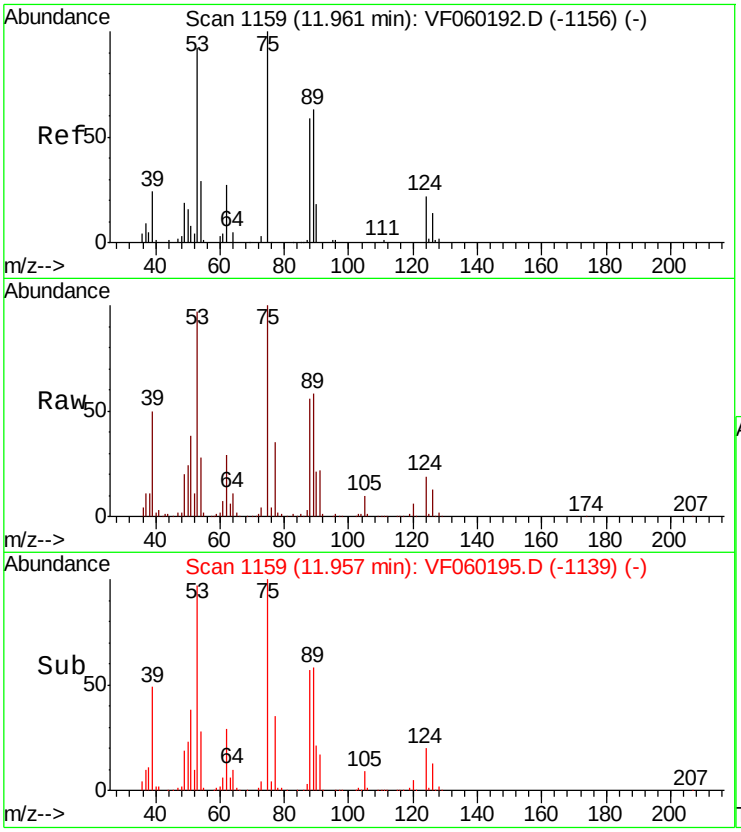




#80
1,3,5-Trimethylbenzene
Concen: 99.717 ug/l
RT: 11.92 min Scan# 1155
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion:105 Resp: 1237766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.9 | 21.5 | 64.5 |



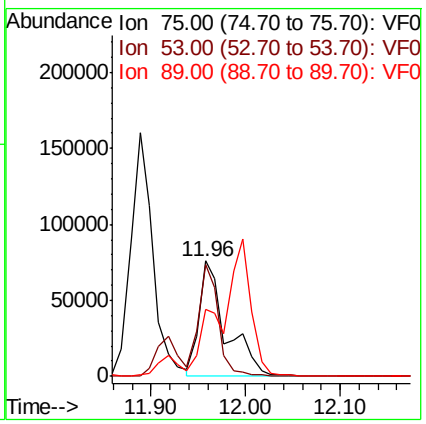


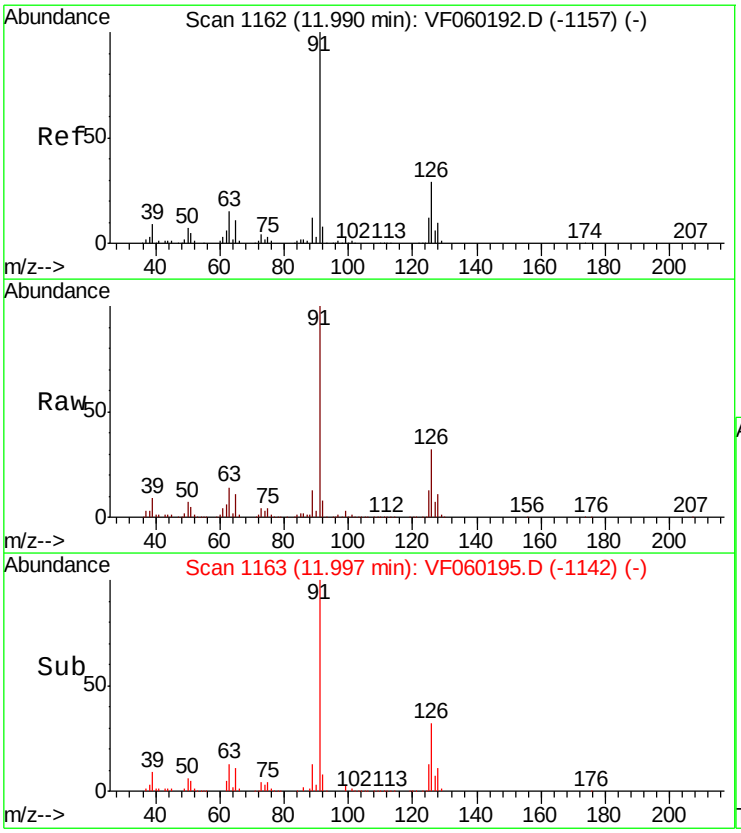

#81
trans-1,4-Dichloro-2-butene
Concen: 453.245 ug/l
RT: 11.96 min Scan# 1159
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 75 Resp: 152943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 97.3 | 78.0 | 117.0 |
| 89 | 58.2 | 51.8 | 77.6 |

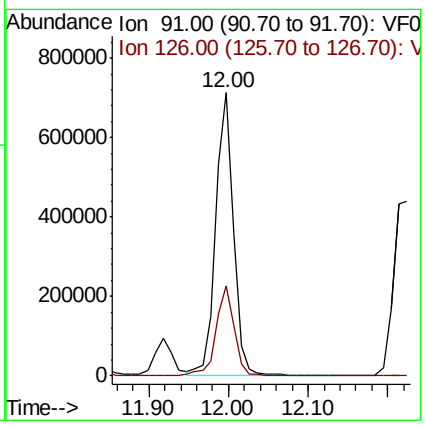


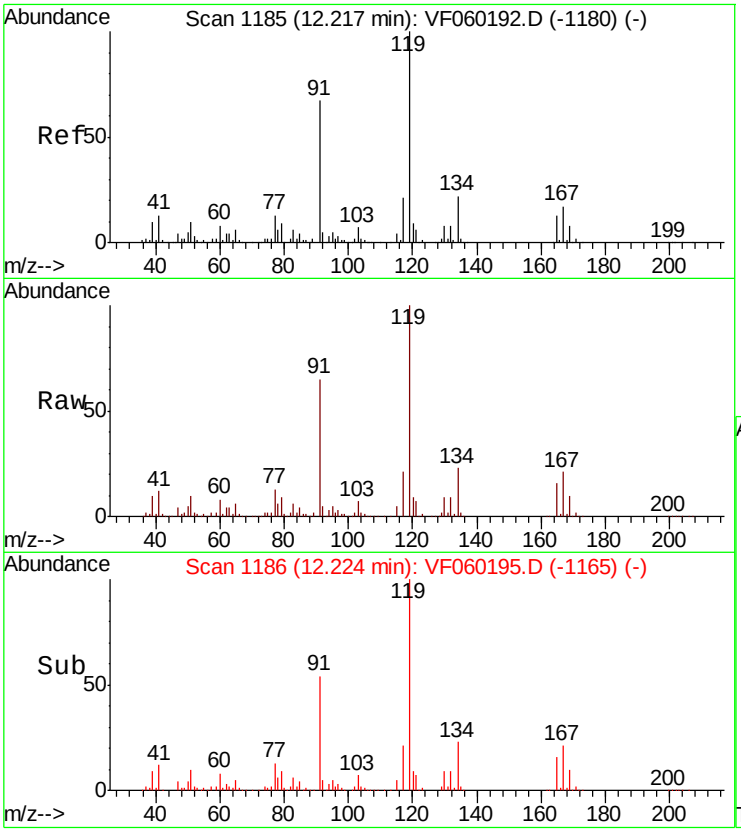




#82
4-Chlorotoluene
Concen: 120.763 ug/l
RT: 12.00 min Scan# 1163
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 91 Resp: 1126898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.7 | 14.6 | 44.0 |



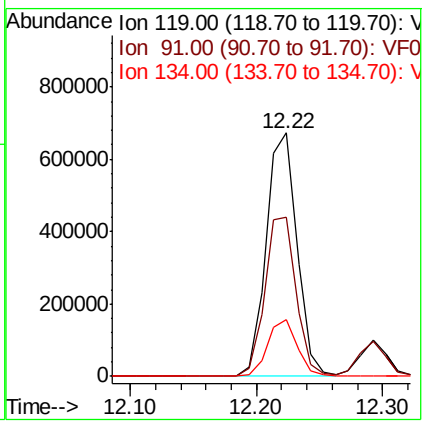


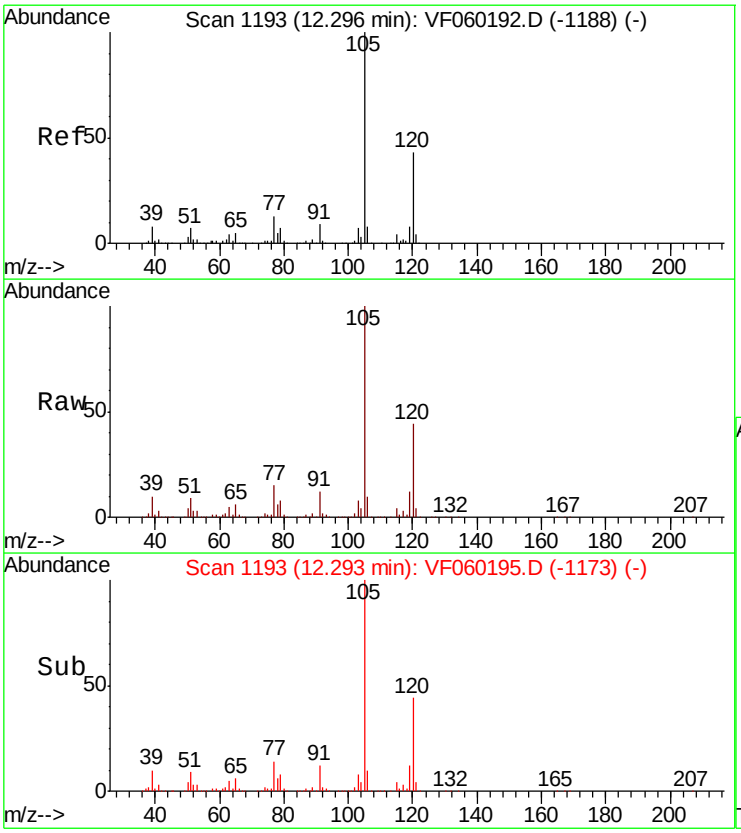

#83
tert-Butylbenzene
Concen: 87.915 ug/l
RT: 12.22 min Scan# 1186
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion:119 Resp: 1144900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 65.3 | 33.8 | 101.4 |
| 134 | 23.2 | 11.1 | 33.3 |

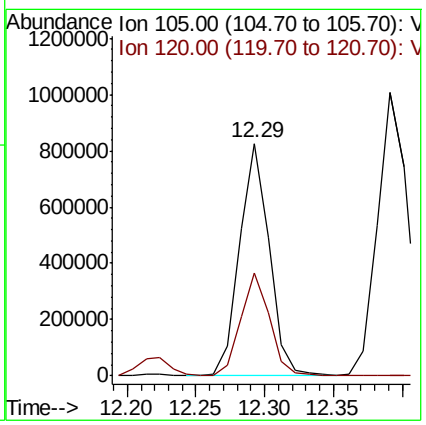


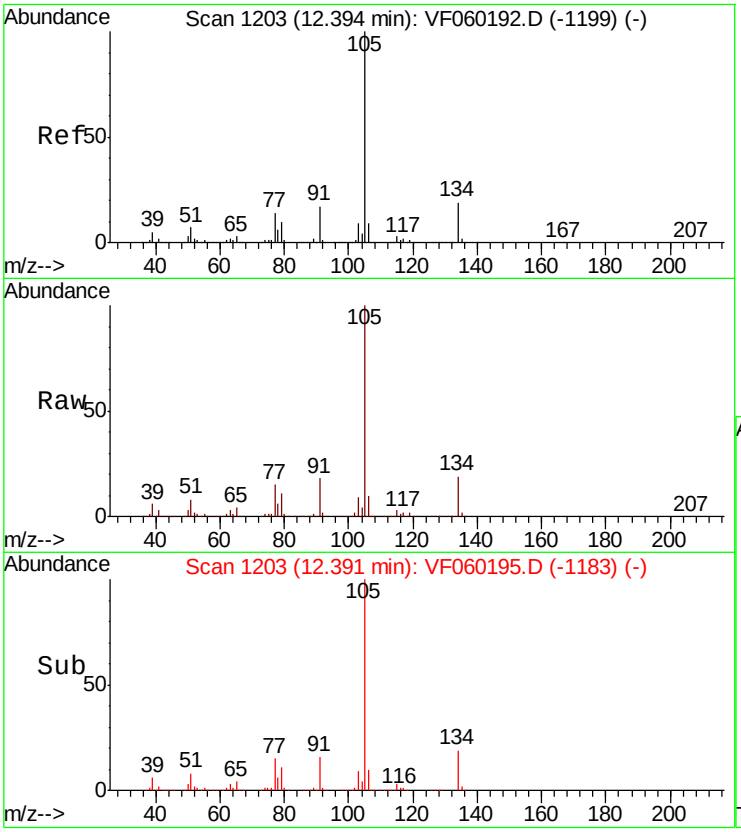




#84
1,2,4-Trimethylbenzene
Concen: 114.889 ug/l
RT: 12.29 min Scan# 1193
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion:105 Resp: 1243044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.3 | 21.6 | 64.6 |



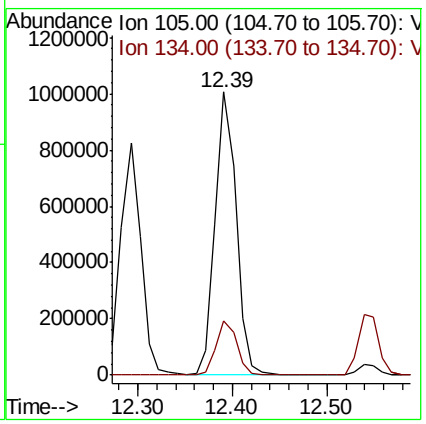


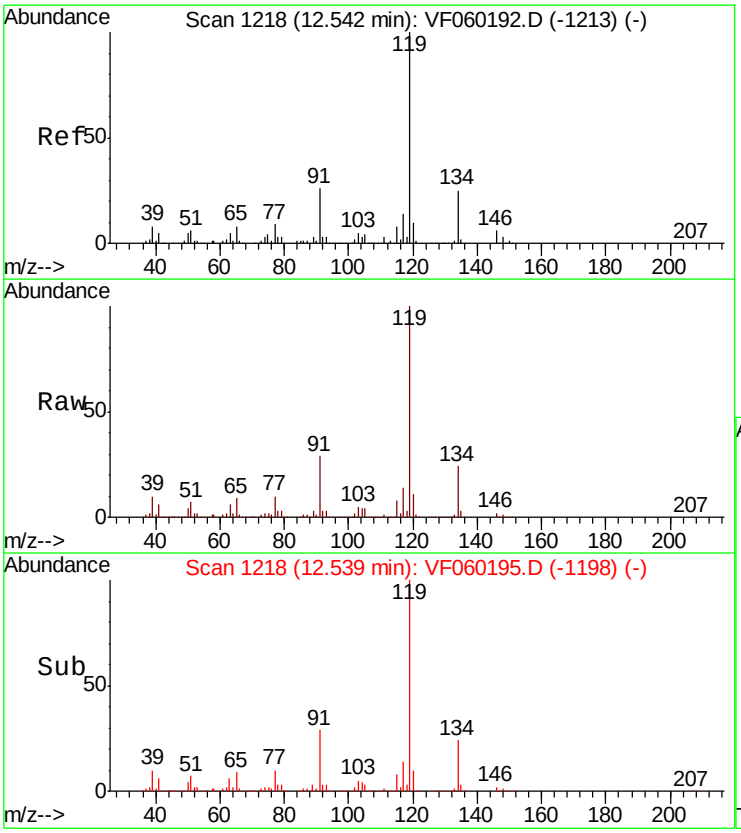

#85
sec-Butylbenzene
Concen: 81.613 ug/l
RT: 12.39 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion:105 Resp: 1553910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.2 | 9.4 | 28.3 |

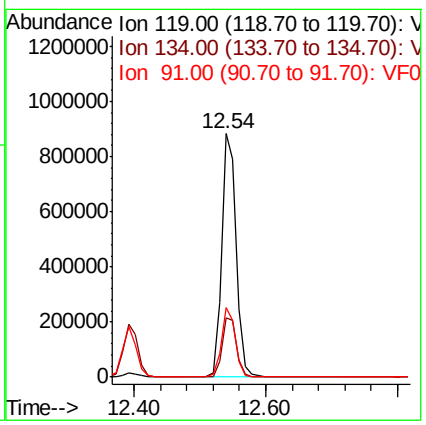


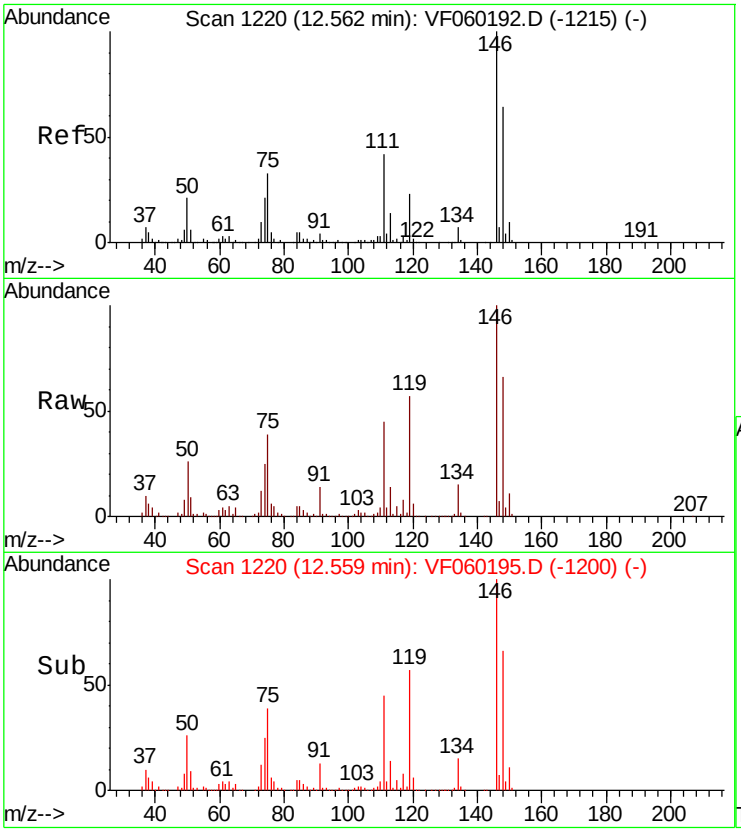




#86
p-Isopropyltoluene
Concen: 94.187 ug/l
RT: 12.54 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion:119 Resp: 1346627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 24.2 | 12.3 | 36.9 |
| 91 | 28.7 | 13.3 | 39.8 |



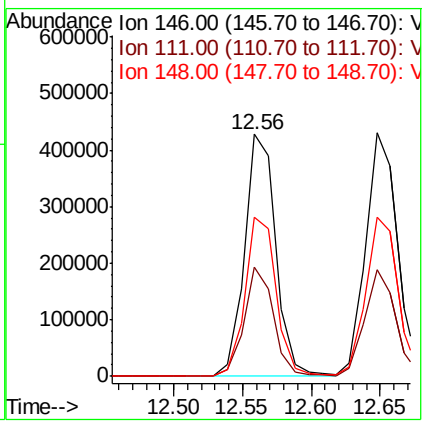


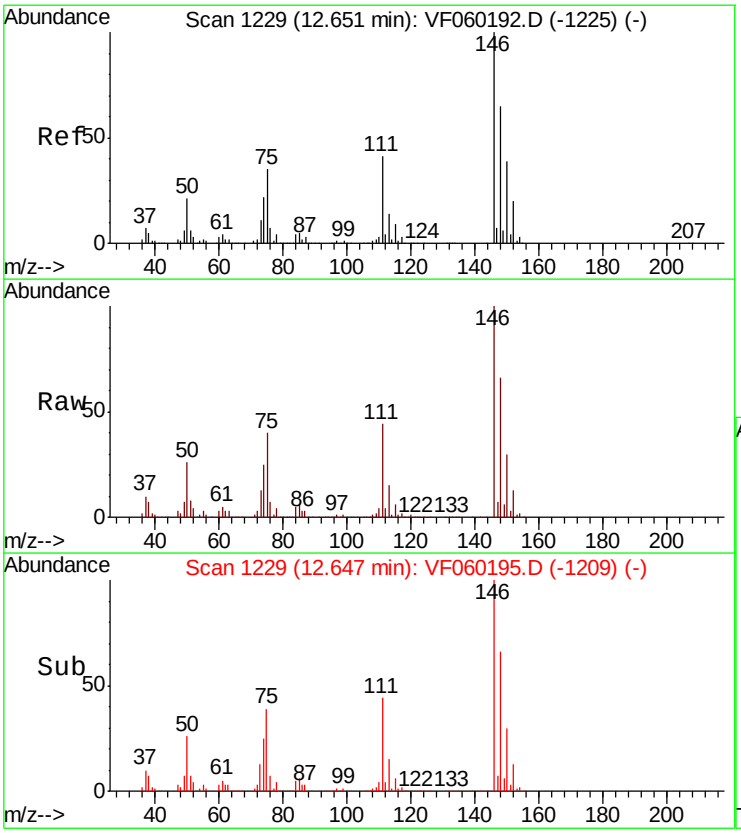

#87
1,3-Dichlorobenzene
Concen: 126.976 ug/l
RT: 12.56 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion:146 Resp: 679604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 45.0 | 20.8 | 62.4 |
| 148 | 65.8 | 32.0 | 96.2 |

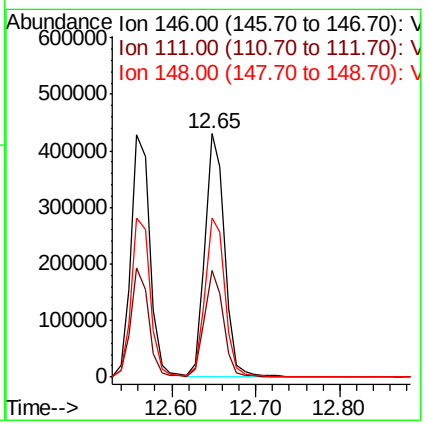


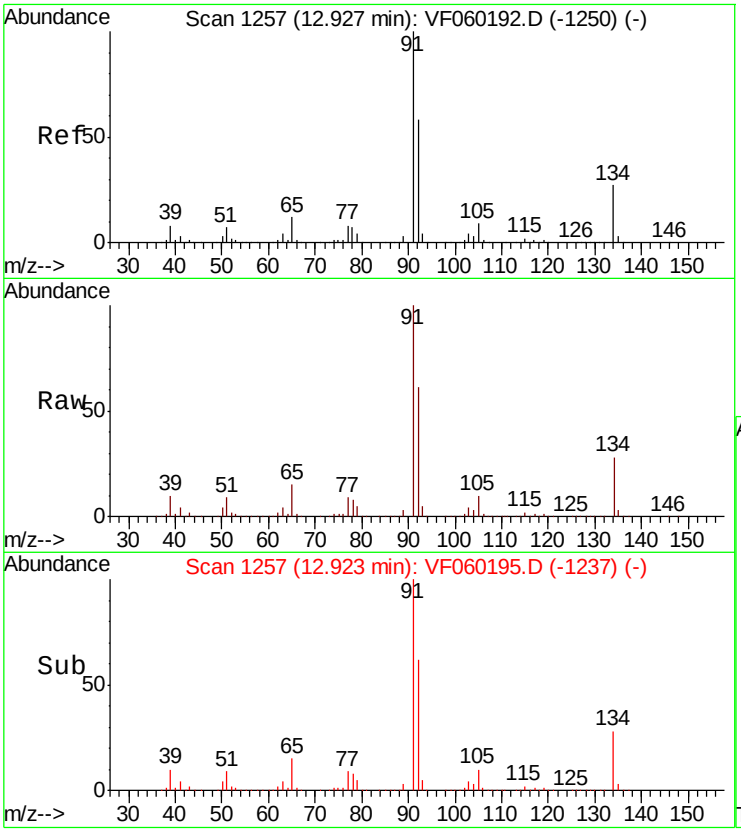




#88
1,4-Dichlorobenzene
Concen: 141.010 ug/l
RT: 12.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion:146 Resp: 695828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.1 | 20.5 | 61.5 |
| 148 | 65.5 | 32.4 | 97.0 |



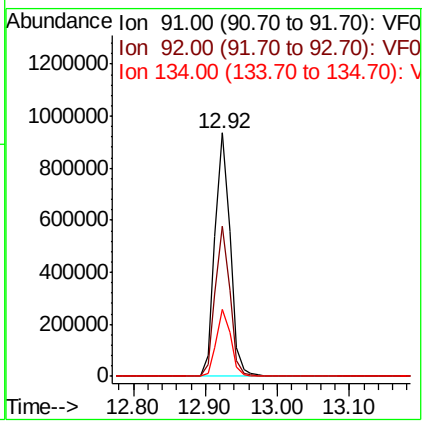


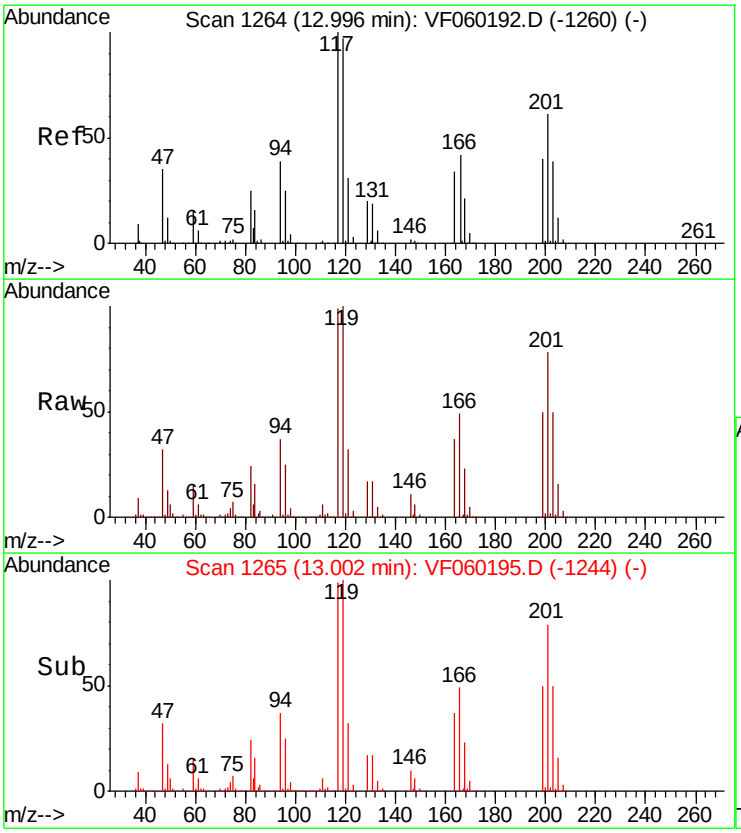

#89
n-Butylbenzene
Concen: 107.881 ug/l
RT: 12.92 min Scan# 1257
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion: 91 Resp: 1341608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 61.5 | 29.3 | 87.8 |
| 134 | 27.5 | 13.5 | 40.4 |

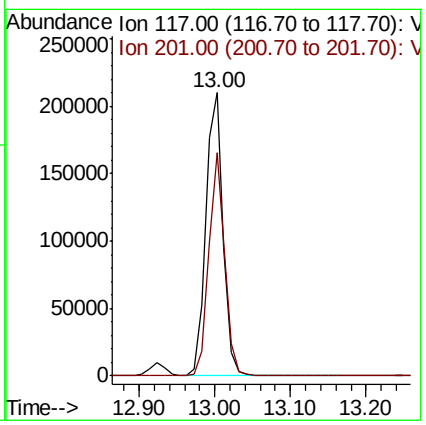


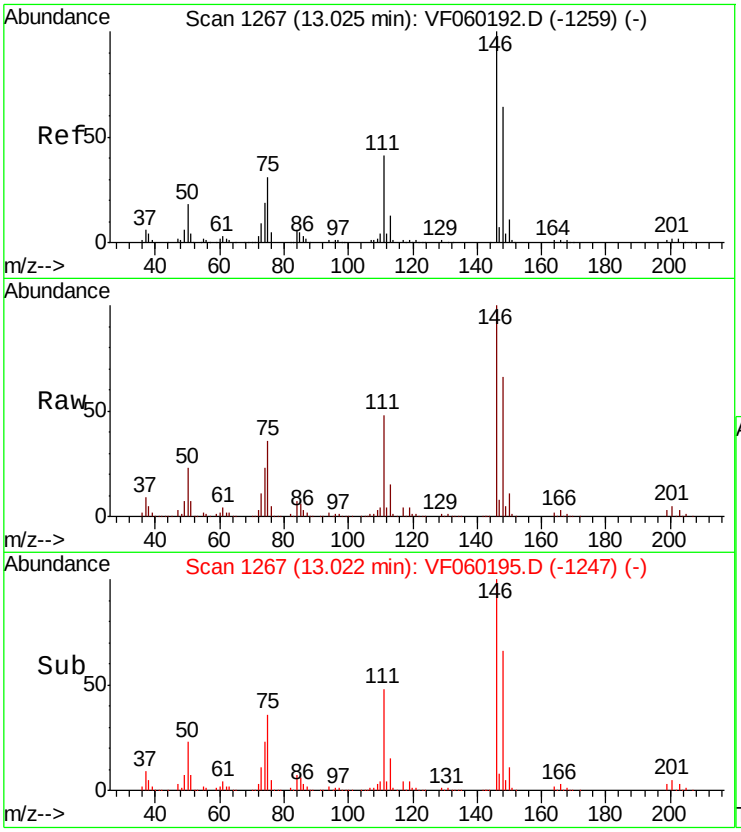




#90
Hexachloroethane
Concen: 108.091 ug/l
RT: 13.00 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion:117 Resp: 333875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 80.7 | 31.3 | 93.9 |



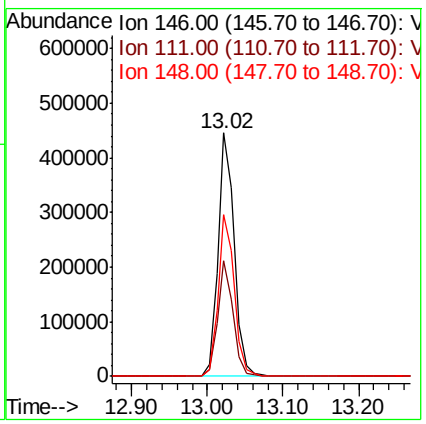


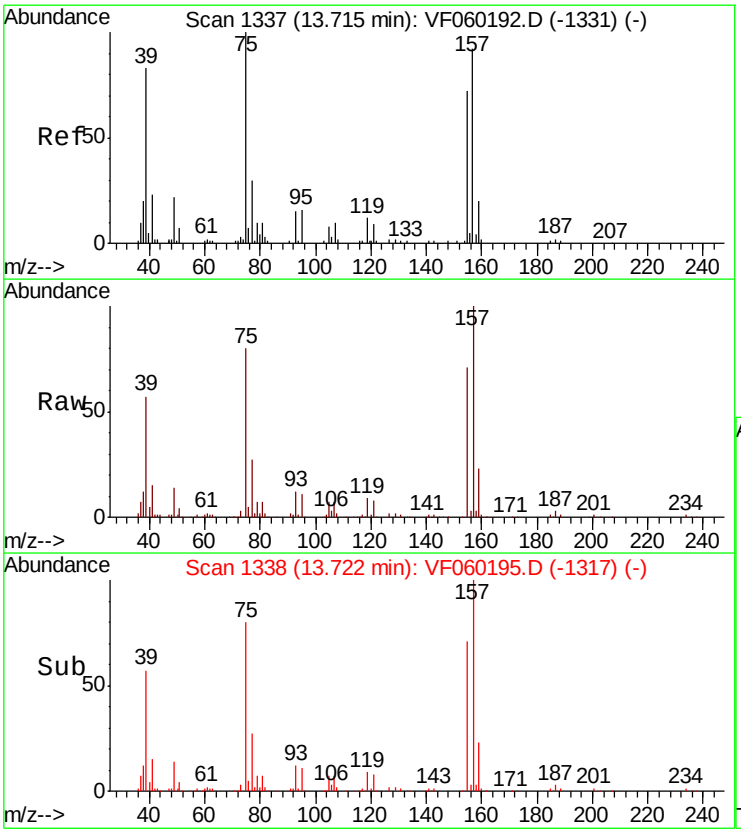

#91
1,2-Dichlorobenzene
Concen: 154.972 ug/l
RT: 13.02 min Scan# 1267
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion:146 Resp: 668878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 47.7 | 20.7 | 62.1 |
| 148 | 66.3 | 31.9 | 95.7 |

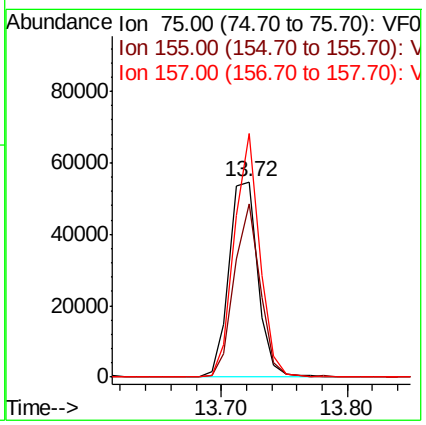


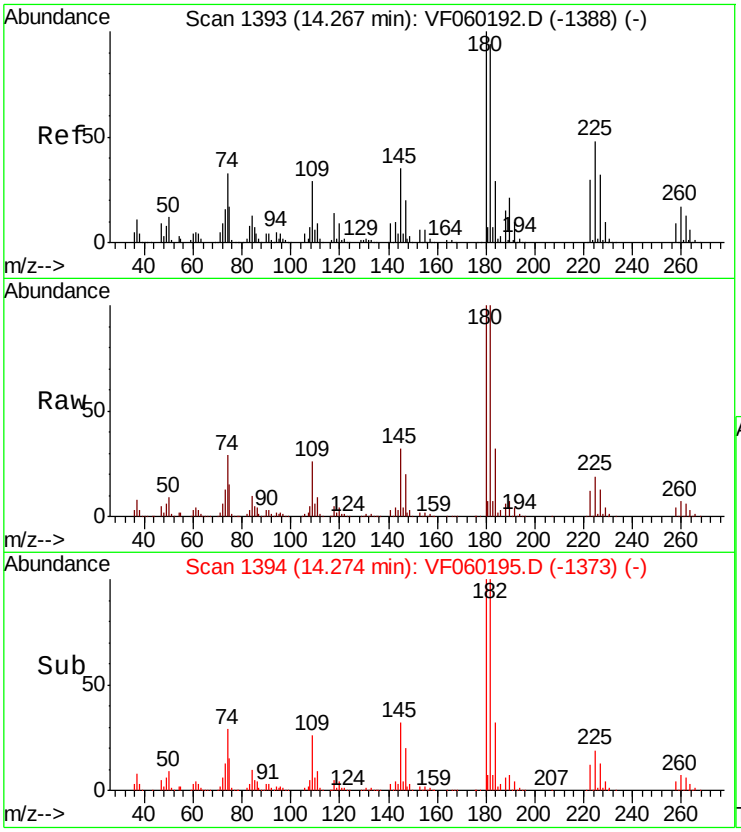




#92
1,2-Dibromo-3-Chloropropane
Concen: 329.458 ug/l
RT: 13.72 min Scan# 1338
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion: 75 Resp: 86602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 88.9 | 35.9 | 107.7 |
| 157 | 124.7 | 46.1 | 138.3 |



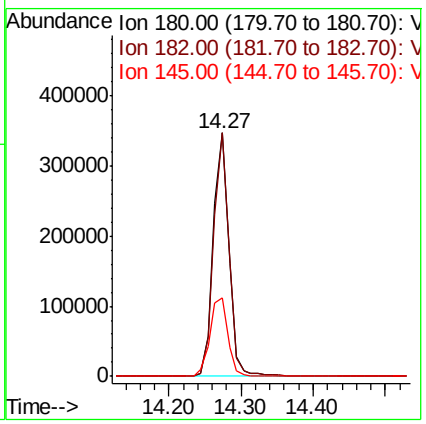


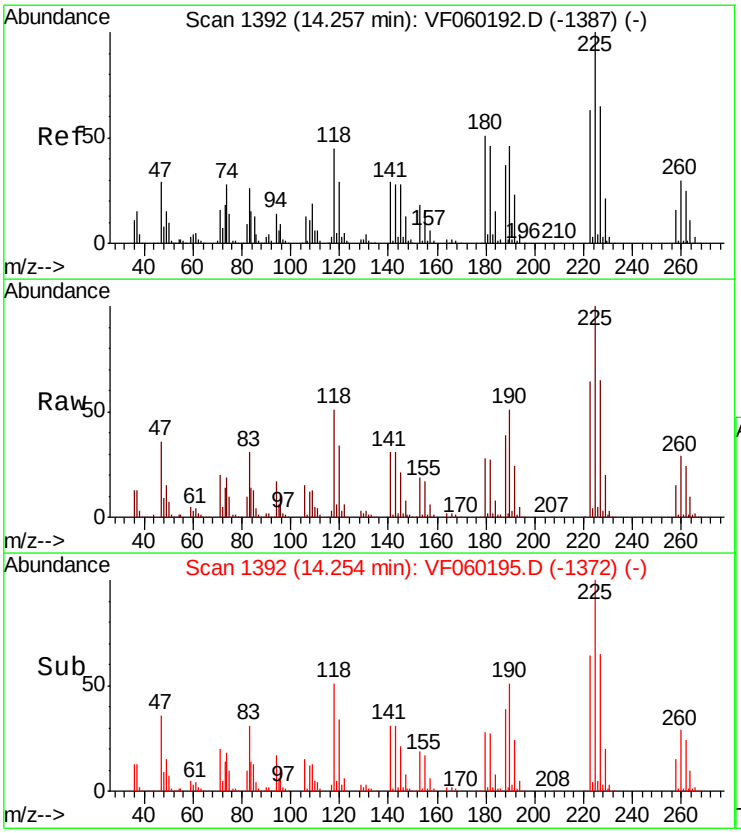

#93
1,2,4-Trichlorobenzene
Concen: 238.586 ug/l
RT: 14.27 min Scan# 1394
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion:180 Resp: 517091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 100.1 | 47.1 | 141.4 |
| 145 | 32.1 | 17.3 | 51.7 |

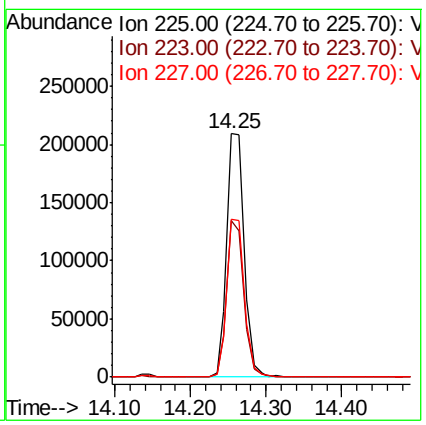


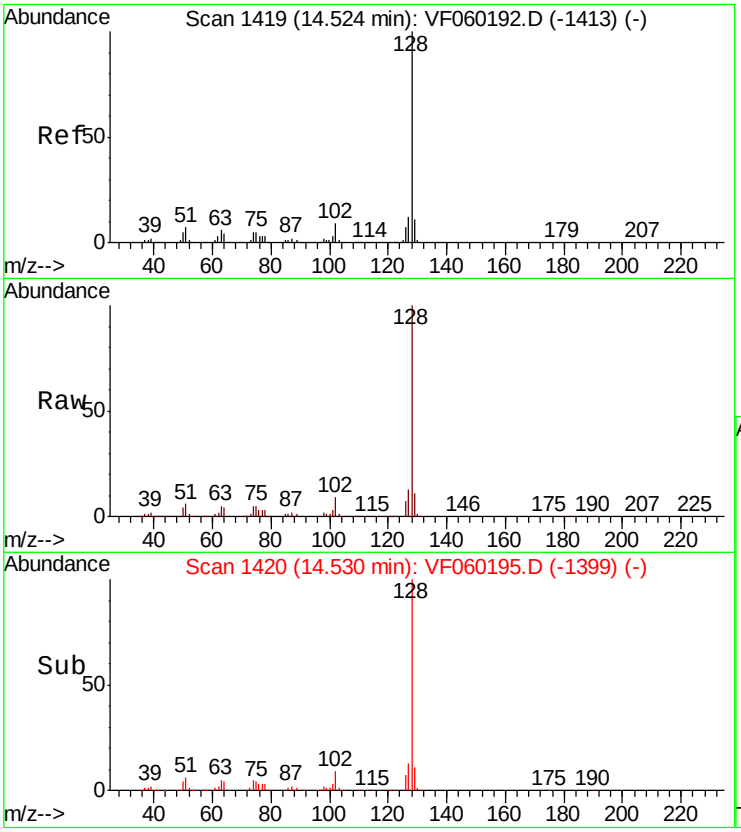




#94
Hexachlorobutadiene
Concen: 95.913 ug/l
RT: 14.25 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion:225 Resp: 333680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.1 | 31.6 | 95.0 |
| 227 | 64.6 | 32.3 | 96.9 |



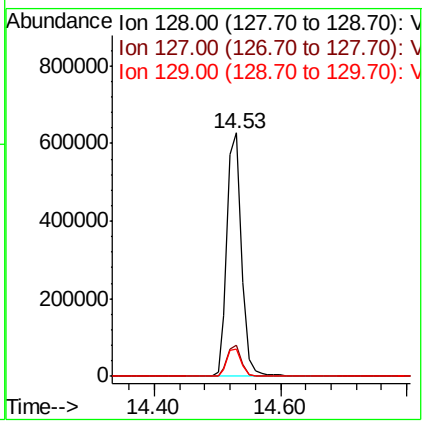


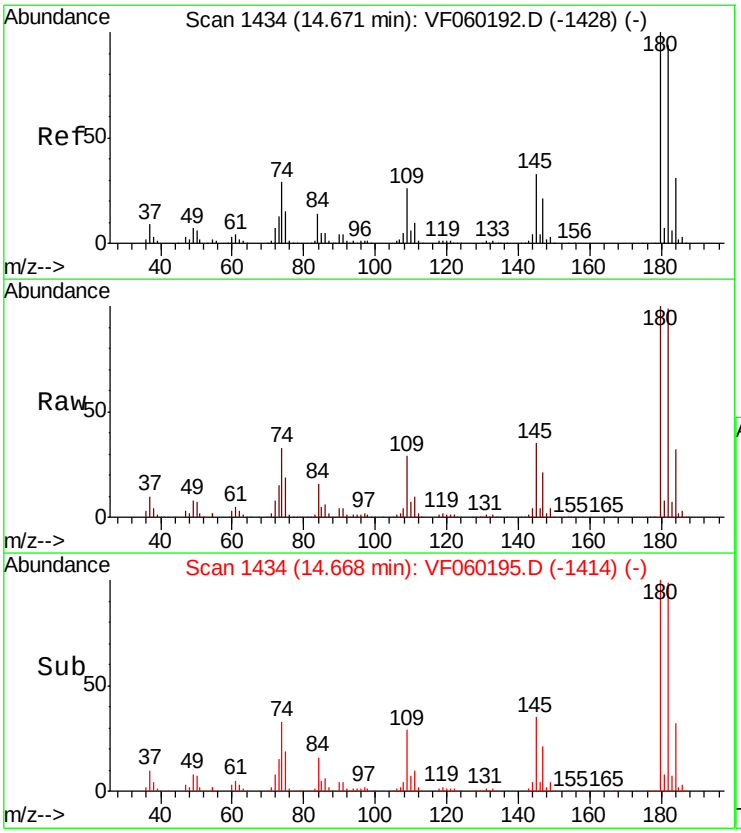

#95
Naphthalene
Concen: 448.733 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. 0.01 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC150

Tgt Ion:128 Resp: 1006287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.6 | 9.8 | 14.8 |
| 129 | 11.1 | 8.6 | 13.0 |




#96
1,2,3-Trichlorobenzene
Concen: 287.100 ug/l
RT: 14.67 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VF060195.D
Acq: 29 Aug 2018 17:53

Tgt Ion:180 Resp: 535105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 98.7 | 46.9 | 140.6 |
| 145 | 34.8 | 16.4 | 49.4 |