Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF070518\
Data File : VF059427.D
Acq On : 5 Jul 2018 11:43
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jul 06 02:02:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.00 | 168 | 268763 | 50.00 | ug/l | -0.03 |
| 34) 1,4-Difluorobenzene | 5.73 | 114 | 403347 | 50.00 | ug/l | -0.03 |
| 63) Chlorobenzene-d5 | 9.88 | 117 | 399632 | 50.00 | ug/l | -0.03 |
| 72) 1,4-Dichlorobenzene-d4 | 12.61 | 152 | 238379 | 50.00 | ug/l | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 4.98 | 65 | 172390 | 49.65 | ug/l | -0.03 |
| Spiked Amount 50.000 | | | Recovery = 99.30% | | | |
| 35) Dibromofluoromethane | 4.25 | 113 | 148222 | 50.29 | ug/l | -0.03 |
| Spiked Amount 50.000 | | | Recovery = 100.58% | | | |
| 50) Toluene-d8 | 7.67 | 98 | 351004 | 48.10 | ug/l | -0.03 |
| Spiked Amount 50.000 | | | Recovery = 96.20% | | | |
| 62) 4-Bromofluorobenzene | 11.49 | 95 | 199372 | 48.44 | ug/l | -0.02 |
| Spiked Amount 50.000 | | | Recovery = 96.88% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 0.98 | 85 | 117005 | 47.650 | ug/l | 96 |
| 3) Chloromethane | 1.08 | 50 | 71015 | 43.048 | ug/l | 99 |
| 4) Vinyl Chloride | 1.14 | 62 | 73001 | 44.957 | ug/l | 98 |
| 5) Bromomethane | 1.32 | 94 | 42285 | 46.275 | ug/l | 97 |
| 6) Chloroethane | 1.41 | 64 | 34440 | 42.110 | ug/l | 94 |
| 7) Trichlorofluoromethane | 1.50 | 101 | 170964 | 53.243 | ug/l | 94 |
| 8) Diethyl Ether | 1.69 | 74 | 38813 | 47.142 | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 1.88 | 101 | 83820 | 44.720 | ug/l | 94 |
| 10) Methyl Iodide | 1.94 | 142 | 145641 | 42.611 | ug/l | 96 |
| 11) Tert butyl alcohol | 2.66 | 59 | 57704 | 249.618 | ug/l | 95 |
| 12) 1,1-Dichloroethene | 1.84 | 96 | 82813 | 52.264 | ug/l | 98 |
| 13) Acrolein | 2.07 | 56 | 28535 | 259.619 | ug/l | 93 |
| 14) Allyl chloride | 2.16 | 41 | 139993 | 47.066 | ug/l | 98 |
| 15) Acrylonitrile | 3.05 | 53 | 99155 | 243.574 | ug/l | 98 |
| 16) Acetone | 2.32 | 43 | 252406 | 292.799 | ug/l | 99 |
| 17) Carbon Disulfide | 1.86 | 76 | 162820 | 43.684 | ug/l | 99 |
| 18) Methyl Acetate | 2.43 | 43 | 96685 | 61.969 | ug/l | 94 |
| 19) Methyl tert-butyl Ether | 2.52 | 73 | 310292 | 52.501 | ug/l | 96 |
| 20) Methylene Chloride | 2.30 | 84 | 86918 | 43.704 | ug/l | 95 |
| 21) trans-1,2-Dichloroethene | 2.39 | 96 | 81333 | 48.118 | ug/l | 93 |
| 22) Diisopropyl ether | 2.90 | 45 | 344107 | 52.243 | ug/l # | 98 |
| 23) Vinyl Acetate | 3.29 | 43 | 1048336 | 249.916 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 2.97 | 63 | 201388 | 49.314 | ug/l | 98 |
| 25) 2-Butanone | 4.47 | 43 | 292140 | 278.427 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 3.72 | 77 | 145634 | 51.704 | ug/l | 95 |
| 27) cis-1,2-Dichloroethene | 3.59 | 96 | 123957 | 48.302 | ug/l | 93 |
| 28) Bromochloromethane | 3.85 | 49 | 75153 | 47.728 | ug/l | 99 |
| 29) Tetrahydrofuran | 4.21 | 42 | 115990 | 260.064 | ug/l | 98 |
| 30) Chloroform | 3.99 | 83 | 302706 | 51.202 | ug/l | 99 |
| 31) Cyclohexane | 3.82 | 56 | 115853 | 43.305 | ug/l | 96 |
| 32) 1,1,1-Trichloroethane | 4.23 | 97 | 204062 | 47.168 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 4.41 | 75 | 179726 | 51.007 | ug/l | 97 |
| 37) Ethyl Acetate | 4.25 | 43 | 123341 | 54.865 | ug/l # | 97 |
| 38) Carbon Tetrachloride | 4.12 | 117 | 264008 | 59.372 | ug/l | 96 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF070518\
Data File : VF059427.D
Acq On : 5 Jul 2018 11:43
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jul 06 02:02:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 5.58 | 83 | 144325 | 46.222 | ug/l | | 95 |
| 40) Benzene | 4.76 | 78 | 367161 | 46.997 | ug/l | | 99 |
| 41) Methacrylonitrile | 4.87 | 41 | 59883 | 49.822 | ug/l | # | 88 |
| 42) 1,2-Dichloroethane | 5.08 | 62 | 240270 | 52.632 | ug/l | | 96 |
| 43) Isopropyl Acetate | 7.07 | 43 | 154657 | 52.695 | ug/l | # | 95 |
| 44) Trichloroethene | 5.63 | 130 | 132682 | 49.508 | ug/l | | 95 |
| 45) 1,2-Dichloropropane | 6.36 | 63 | 112878 | 50.570 | ug/l | | 98 |
| 46) Dibromomethane | 6.21 | 93 | 103274 | 53.307 | ug/l | | 97 |
| 47) Bromodichloromethane | 6.51 | 83 | 254691 | 54.309 | ug/l | | 98 |
| 48) Methyl methacrylate | 6.83 | 41 | 109500 | 55.667 | ug/l | | 93 |
| 49) 1,4-Dioxane | 6.82 | 88 | 11623 | 1112.206 | ug/l | | 89 |
| 51) 4-Methyl-2-Pentanone | 8.37 | 43 | 562611 | 258.747 | ug/l | | 99 |
| 52) Toluene | 7.74 | 92 | 279346 | 47.785 | ug/l | | 96 |
| 53) t-1,3-Dichloropropene | 8.39 | 75 | 222397 | 52.026 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 7.42 | 75 | 242414 | 52.208 | ug/l | | 94 |
| 55) 1,1,2-Trichloroethane | 8.60 | 97 | 118924 | 52.395 | ug/l | | 99 |
| 56) Ethyl methacrylate | 8.73 | 69 | 143524 | 51.045 | ug/l | | 96 |
| 57) 1,3-Dichloropropane | 8.96 | 76 | 200201 | 51.429 | ug/l | | 96 |
| 58) 2-Chloroethyl Vinyl ether | 7.74 | 63 | 52690 | 249.862 | ug/l | | 100 |
| 59) 2-Hexanone | 9.59 | 43 | 481967 | 298.315 | ug/l | | 96 |
| 60) Dibromochloromethane | 8.82 | 129 | 196035 | 55.944 | ug/l | | 95 |
| 61) 1,2-Dibromoethane | 9.10 | 107 | 134638 | 48.911 | ug/l | | 98 |
| 64) Tetrachloroethene | 8.26 | 164 | 138740 | 53.528 | ug/l | | 99 |
| 65) Chlorobenzene | 9.90 | 112 | 369912 | 49.953 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 10.03 | 131 | 171756 | 53.627 | ug/l | | 96 |
| 67) Ethyl Benzene | 10.00 | 91 | 652432 | 51.935 | ug/l | | 97 |
| 68) m/p-Xylenes | 10.23 | 106 | 465155 | 104.030 | ug/l | | 97 |
| 69) o-Xylene | 10.80 | 106 | 248490 | 49.686 | ug/l | | 99 |
| 70) Styrene | 10.88 | 104 | 384402 | 50.457 | ug/l | | 99 |
| 71) Bromoform | 10.86 | 173 | 123790 | 56.390 | ug/l | | 97 |
| 73) Isopropylbenzene | 11.20 | 105 | 788423 | 56.773 | ug/l | | 99 |
| 74) N-amyl acetate | 11.44 | 43 | 280241 | 55.608 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.76 | 83 | 180268 | 51.398 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.86 | 75 | 144895 | 54.767 | ug/l | | 96 |
| 77) Bromobenzene | 11.57 | 156 | 203950 | 52.934 | ug/l | | 93 |
| 78) n-propylbenzene | 11.66 | 91 | 866960 | 51.982 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.78 | 91 | 528881 | 51.904 | ug/l | | 95 |
| 80) 1,3,5-Trimethylbenzene | 11.89 | 105 | 658128 | 54.101 | ug/l | | 98 |
| 81) trans-1,4-Dichloro-2-buten | 11.93 | 75 | 86518 | 54.944 | ug/l | | 97 |
| 82) 4-Chlorotoluene | 11.96 | 91 | 576304 | 52.803 | ug/l | | 93 |
| 83) tert-Butylbenzene | 12.19 | 119 | 674276 | 55.419 | ug/l | | 92 |
| 84) 1,2,4-Trimethylbenzene | 12.26 | 105 | 683442 | 53.345 | ug/l | | 100 |
| 85) sec-Butylbenzene | 12.36 | 105 | 874867 | 54.247 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.51 | 119 | 761448 | 56.260 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 12.53 | 146 | 367740 | 58.600 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 12.62 | 146 | 365744 | 53.154 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.90 | 91 | 762168 | 55.472 | ug/l | | 98 |
| 90) Hexachloroethane | 12.97 | 117 | 182070 | 53.975 | ug/l | | 98 |
| 91) 1,2-Dichlorobenzene | 12.99 | 146 | 371570 | 53.122 | ug/l | | 97 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.69 | 75 | 44864 | 57.704 | ug/l | | 88 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070518\
Data File : VF059427.D
Acq On : 5 Jul 2018 11:43
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jul 06 02:02:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.25 | 180 | 295795 | 57.192 | ug/l | 97 |
| 94) Hexachlorobutadiene | 14.24 | 225 | 176355 | 61.046 | ug/l | 96 |
| 95) Naphthalene | 14.50 | 128 | 635462 | 58.724 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 14.65 | 180 | 288938 | 58.973 | ug/l | 97 |

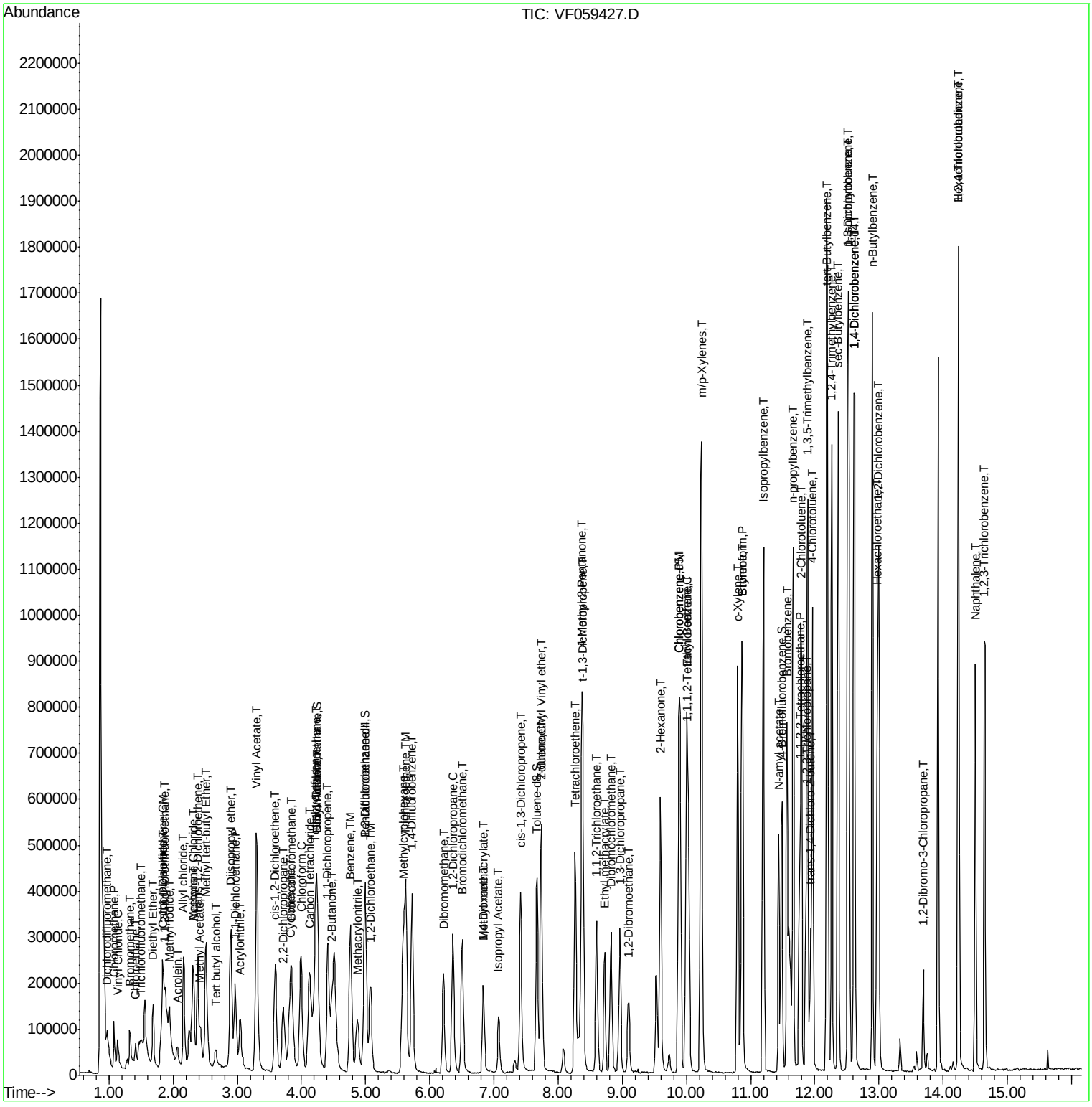
(#) = qualifier out of range (m) = manual integration (+) = signals summed

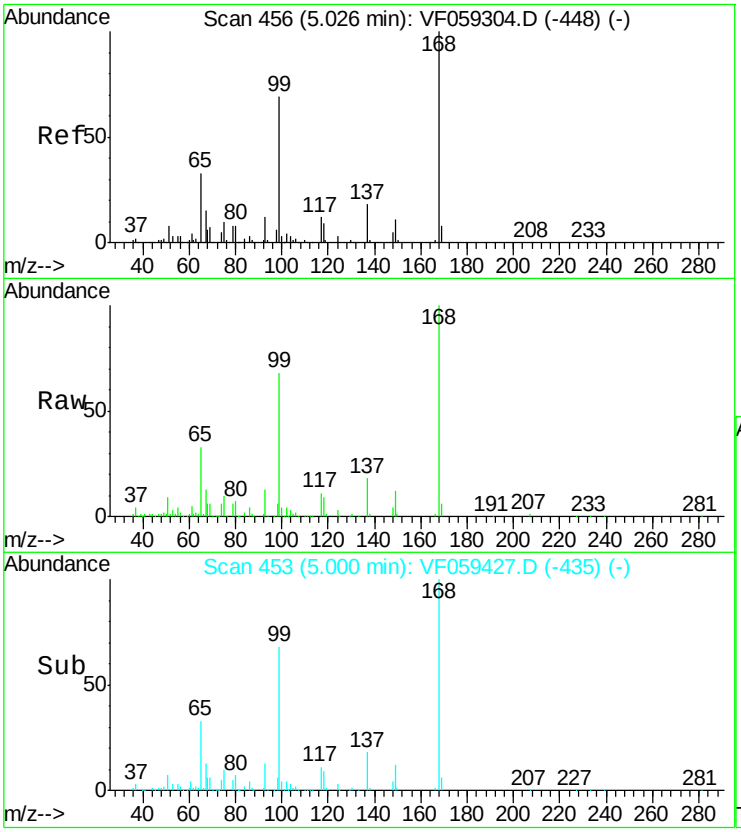
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF070518\
Data File : VF059427.D
Acq On : 5 Jul 2018 11:43
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jul 06 02:02:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration



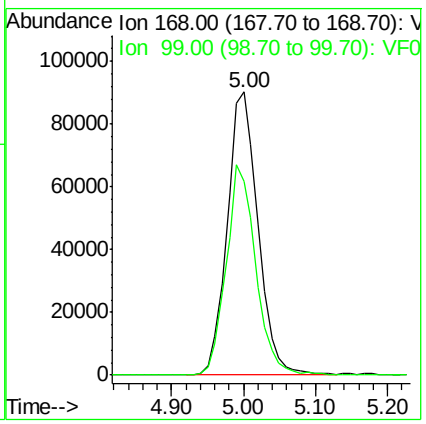


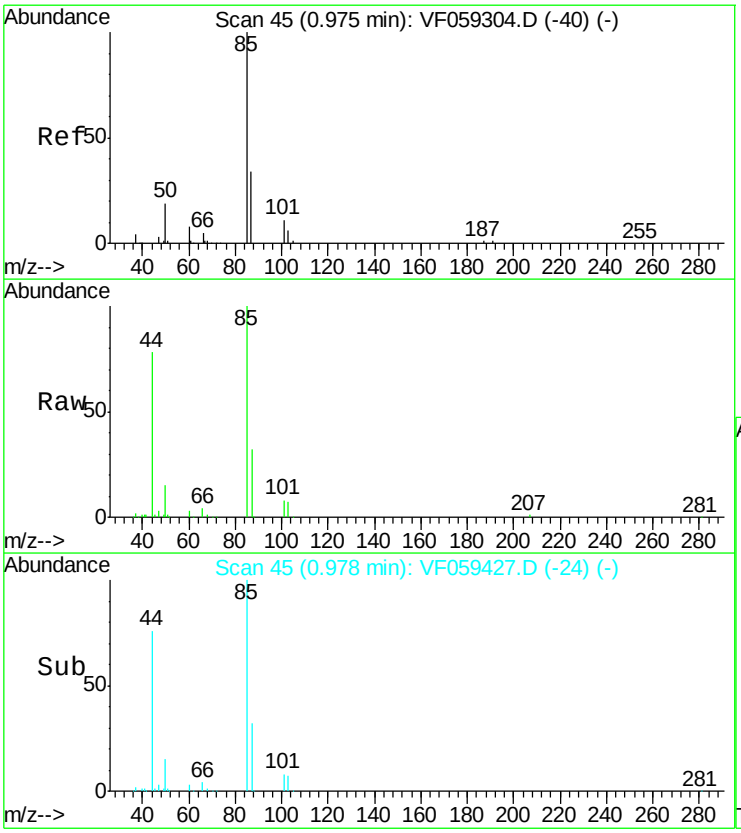

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.00 min Scan# 453
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion:168 Resp: 268763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 68.4 | 54.9 | 82.3 |

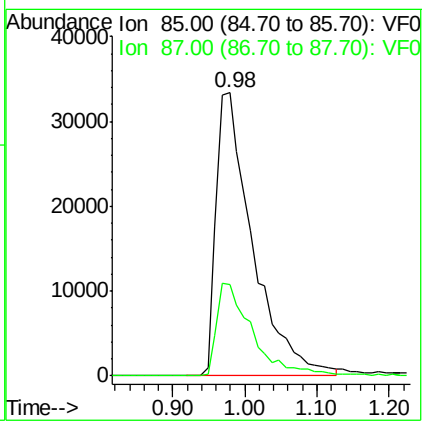


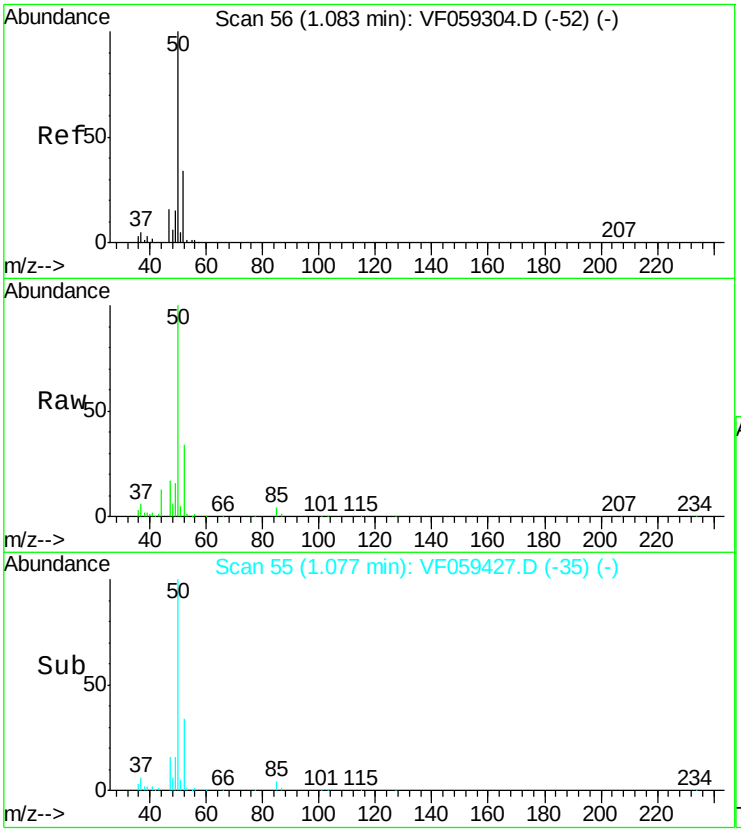




#2
Dichlorodifluoromethane
Concen: 47.650 ug/l
RT: 0.98 min Scan# 45
Delta R.T. 0.00 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 85 Resp: 117005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.1 | 17.1 | 51.3 |



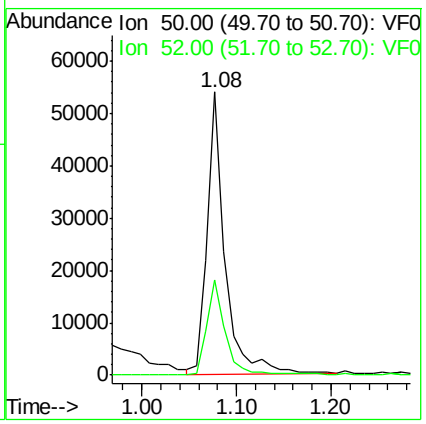


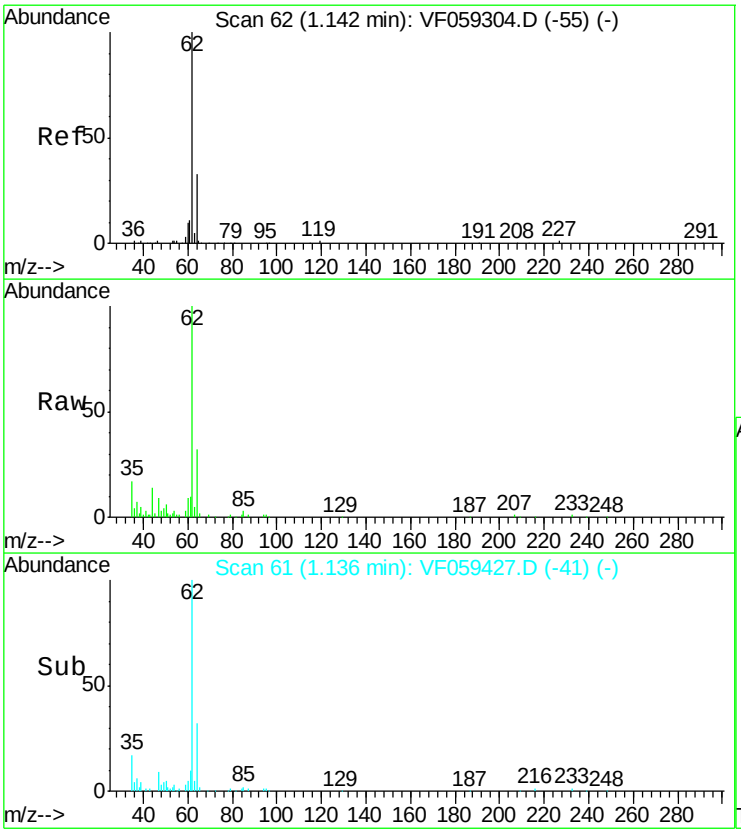

#3
Chloromethane
Concen: 43.048 ug/l
RT: 1.08 min Scan# 55
Delta R.T. -0.01 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 50 Resp: 71015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.8 | 26.7 | 40.1 |

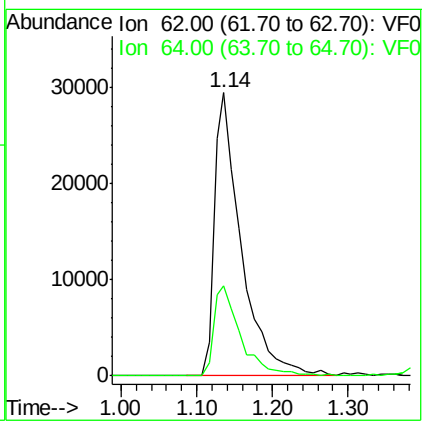


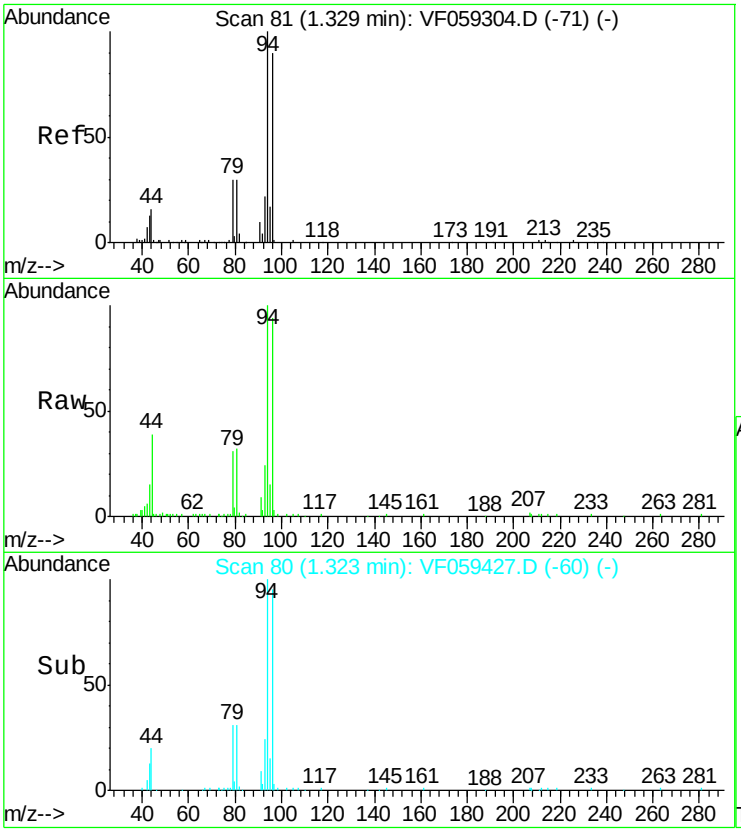




#4
Vinyl Chloride
Concen: 44.957 ug/l
RT: 1.14 min Scan# 61
Delta R.T. -0.01 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 62 Resp: 73001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.9 | 26.3 | 39.5 |



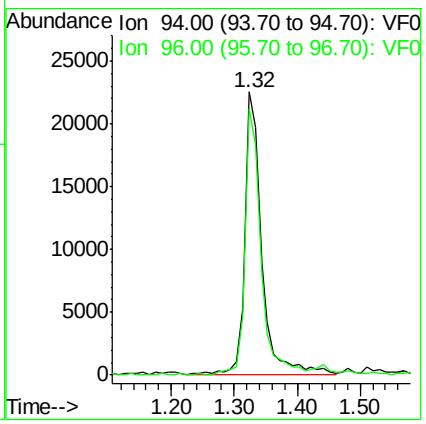


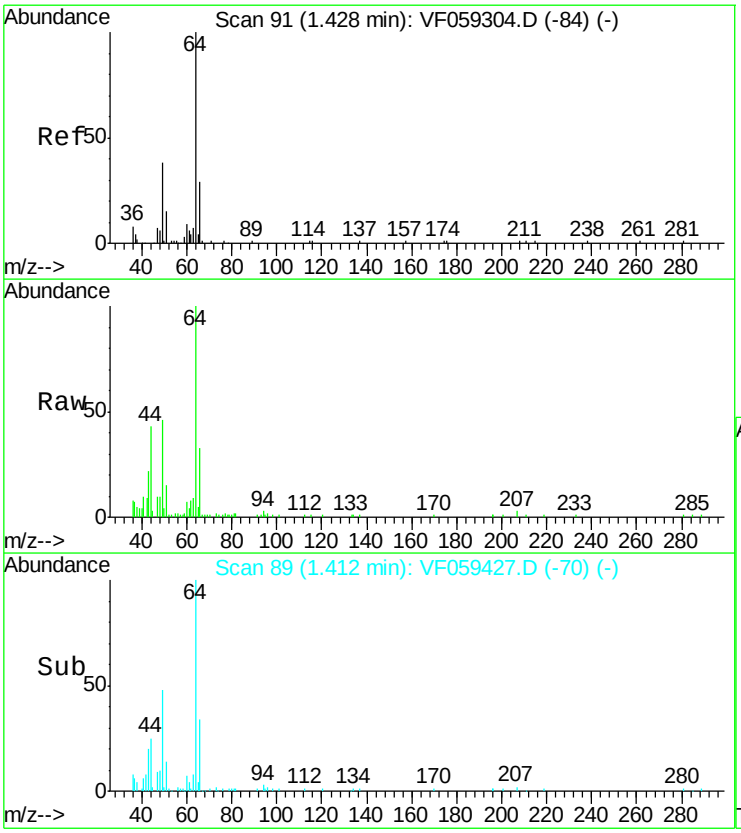

#5
Bromomethane
Concen: 46.275 ug/l
RT: 1.32 min Scan# 80
Delta R.T. -0.01 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 94 Resp: 42285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.3 | 73.4 | 110.0 |

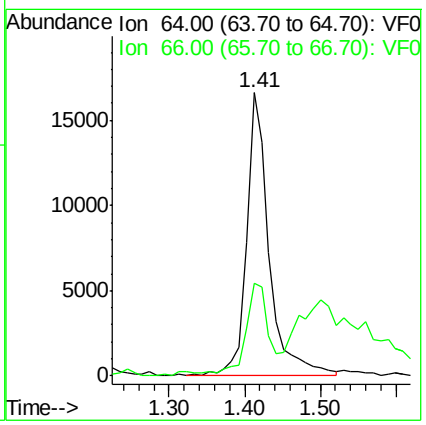


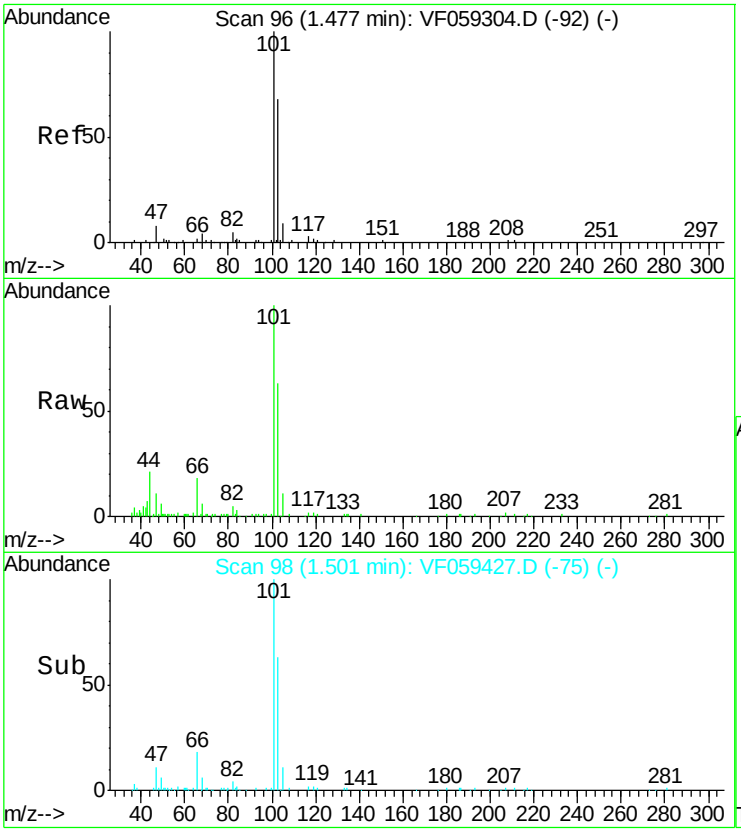




#6
Chloroethane
Concen: 42.110 ug/l
RT: 1.41 min Scan# 89
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 64 Resp: 34440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.9 | 23.9 | 35.9 |



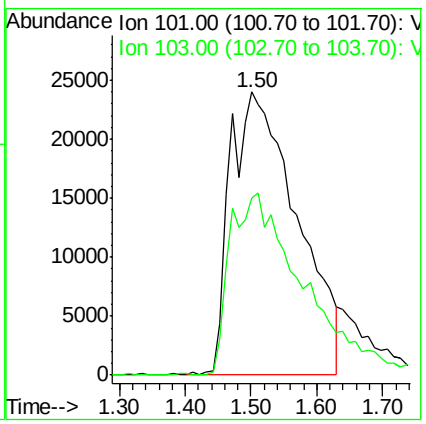


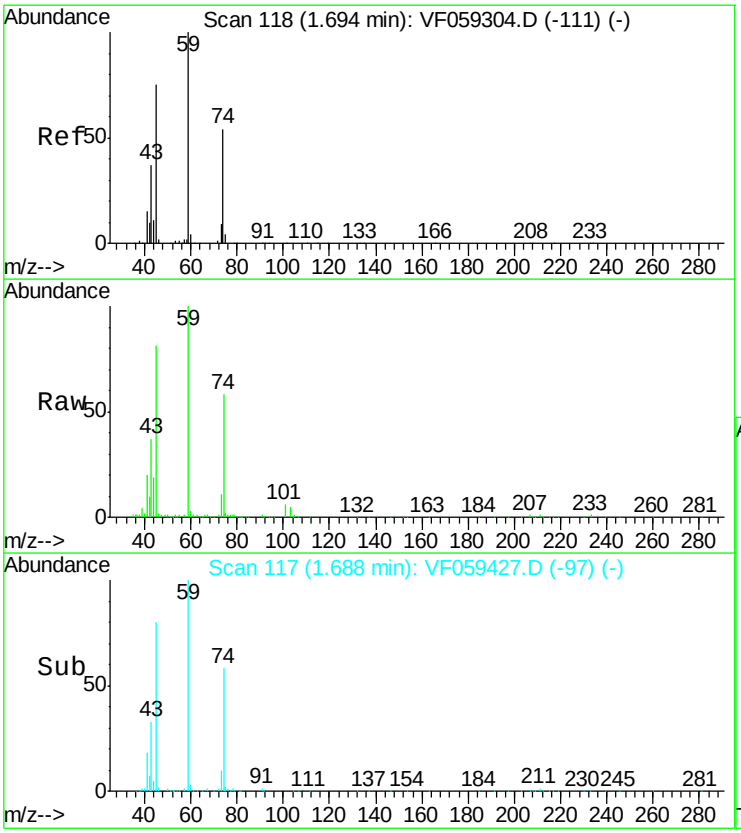

#7
Trichlorofluoromethane
Concen: 53.243 ug/l
RT: 1.50 min Scan# 98
Delta R.T. 0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion:101 Resp: 170964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.7 | 54.2 | 81.2 |

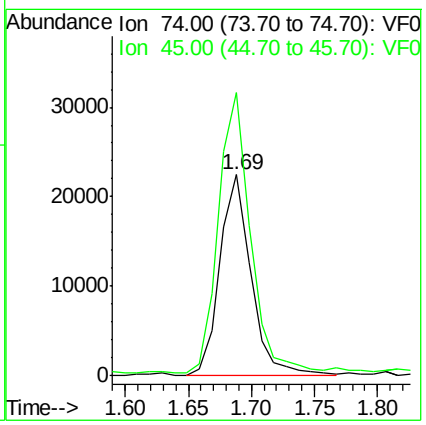


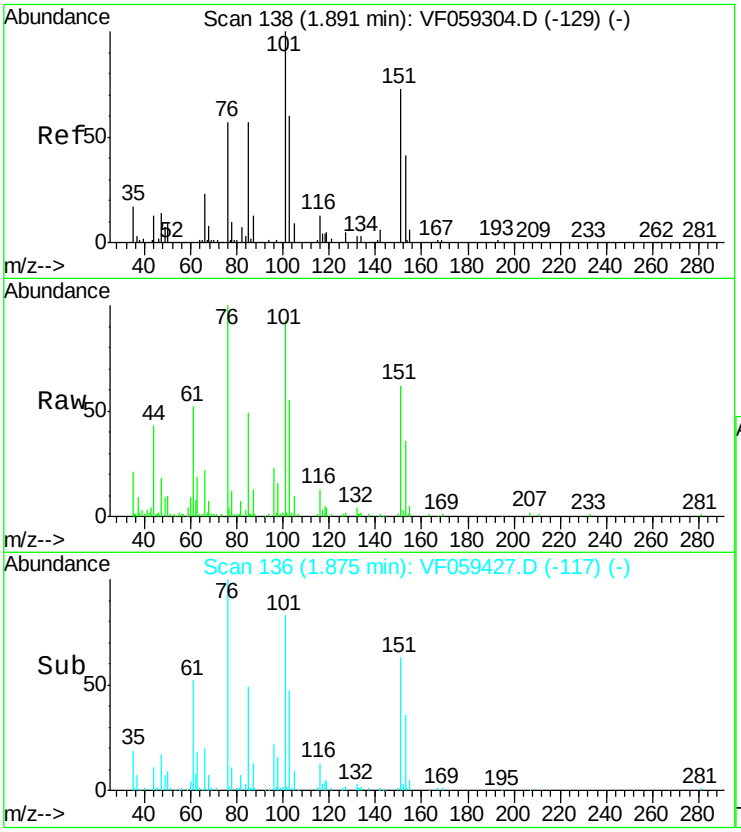




#8
Diethyl Ether
Concen: 47.142 ug/l
RT: 1.69 min Scan# 117
Delta R.T. -0.01 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 74 Resp: 38813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 140.6 | 70.0 | 210.0 |



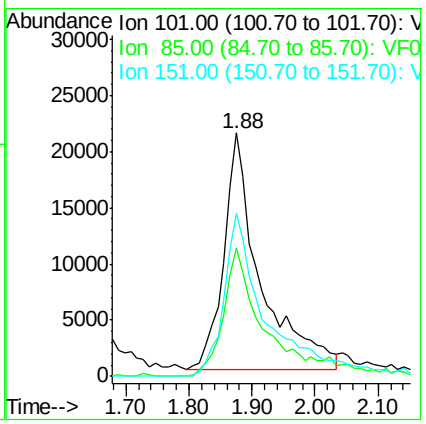


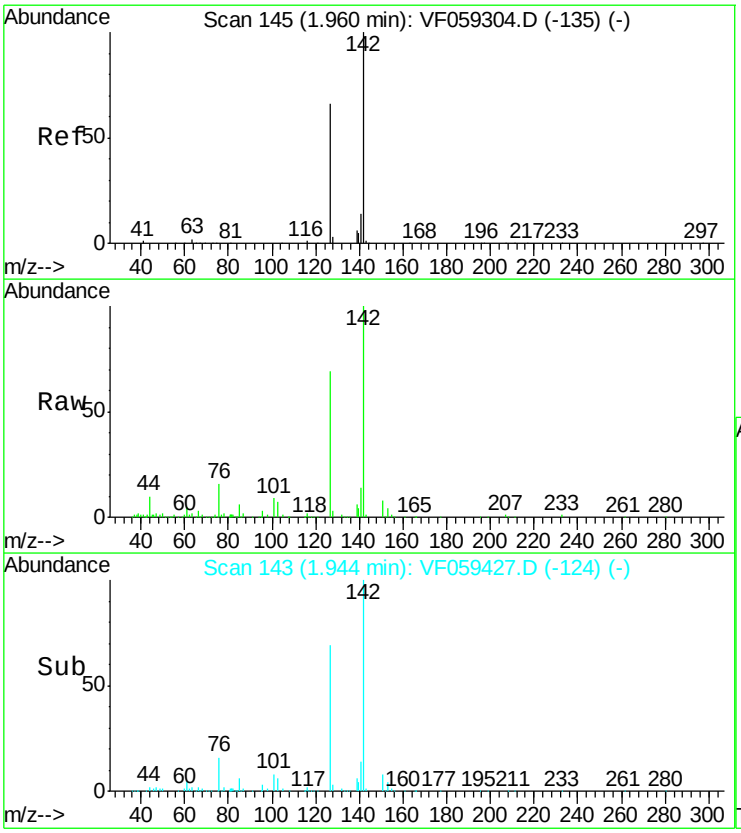

#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.720 ug/l
RT: 1.88 min Scan# 136
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion:101 Resp: 83820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 52.4 | 44.5 | 66.7 |
| 151 | 65.6 | 56.8 | 85.2 |

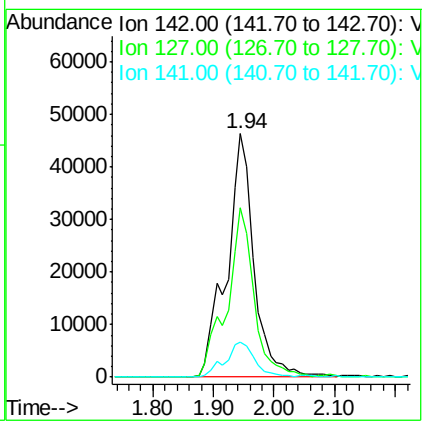


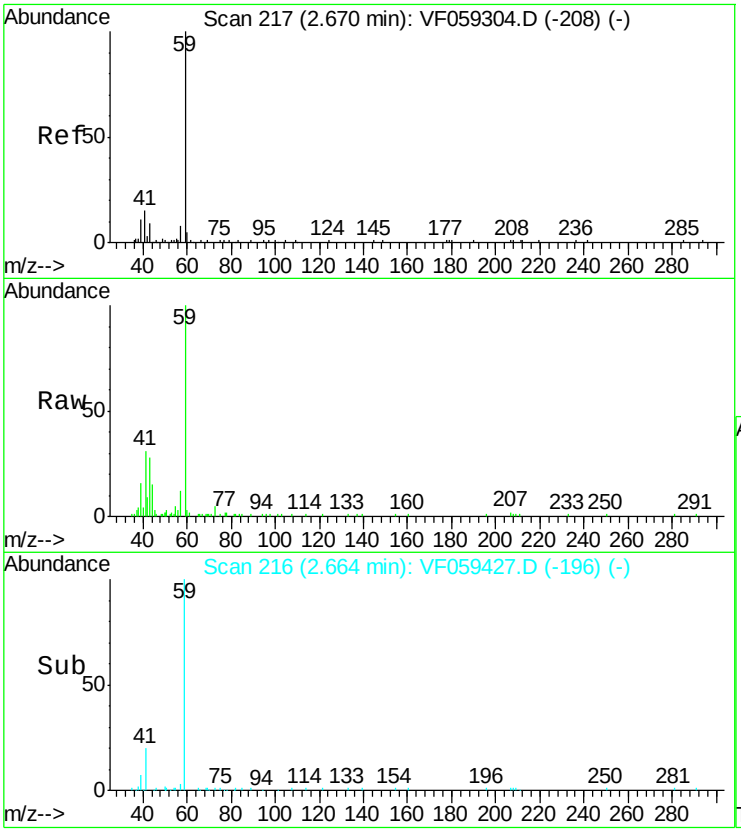




#10
Methyl Iodide
Concen: 42.611 ug/l
RT: 1.94 min Scan# 143
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion:142 Resp: 145641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 69.4 | 52.5 | 78.7 |
| 141 | 14.5 | 11.5 | 17.3 |



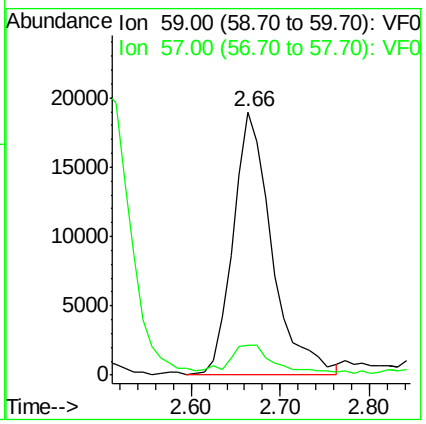


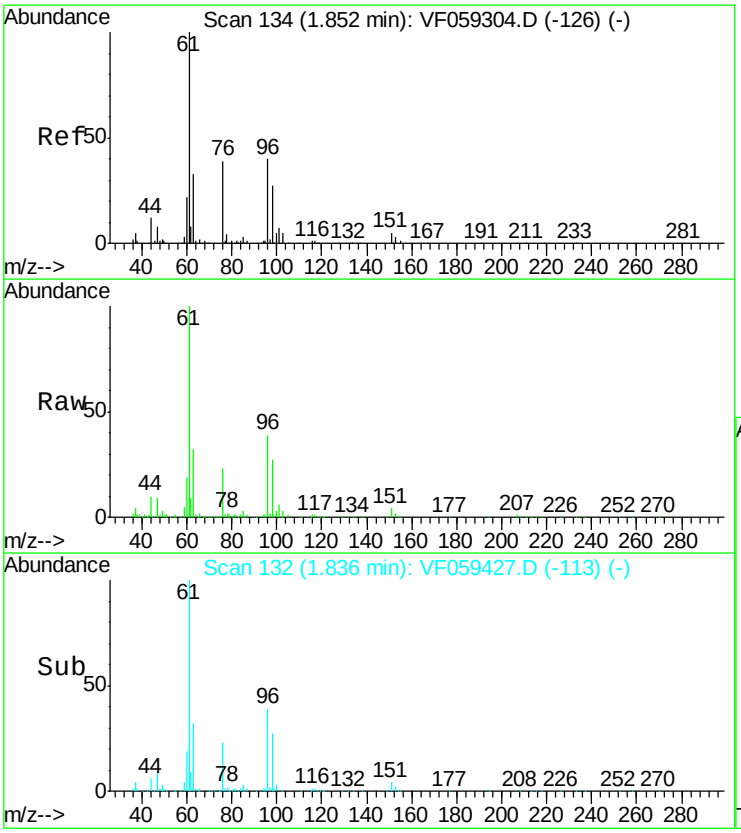

#11
Tert butyl alcohol
Concen: 249.618 ug/l
RT: 2.66 min Scan# 216
Delta R.T. -0.01 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 59 Resp: 57704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 11.5 | 11.0 | 16.4 |

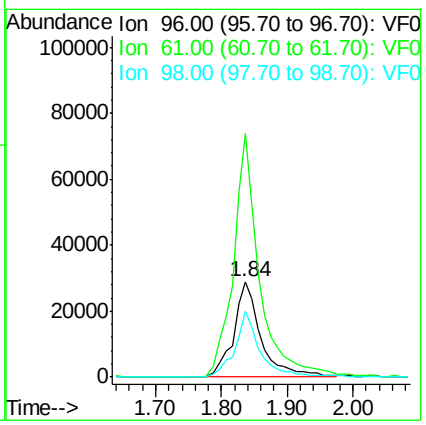


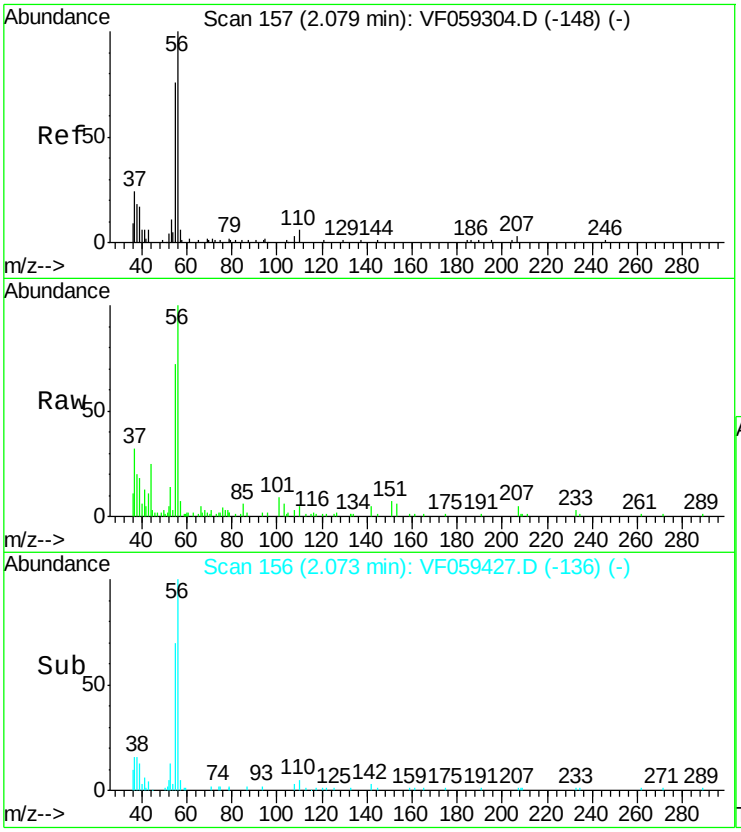




#12
1,1-Dichloroethene
Concen: 52.264 ug/l
RT: 1.84 min Scan# 132
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 96 Resp: 82813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 255.2 | 201.1 | 301.7 |
| 98 | 68.7 | 53.9 | 80.9 |



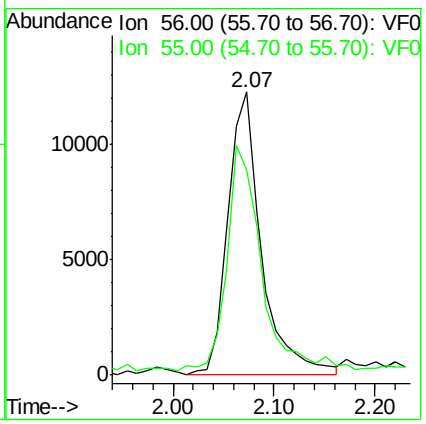


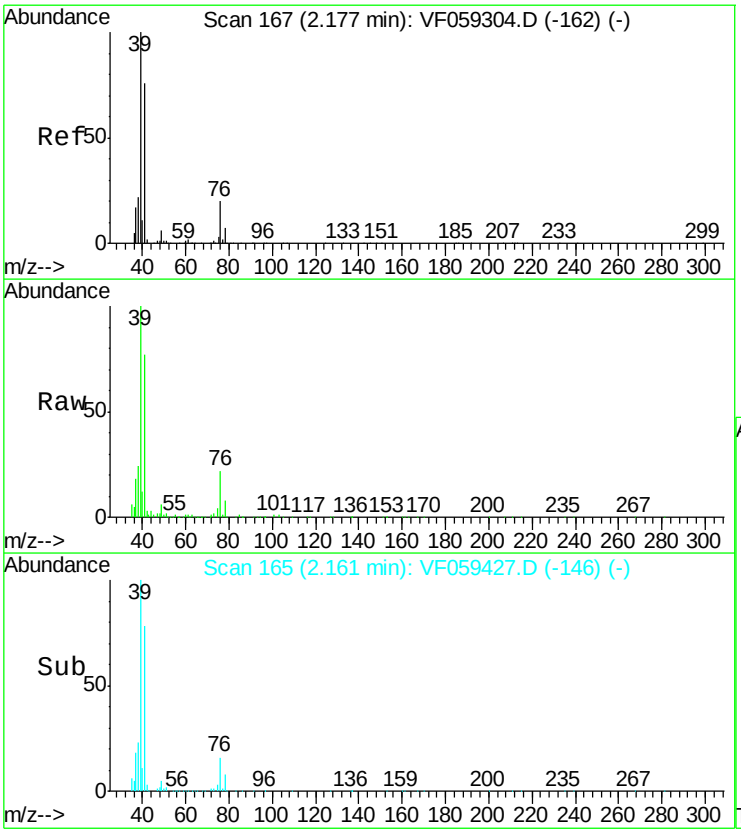

#13
Acrolein
Concen: 259.619 ug/l
RT: 2.07 min Scan# 156
Delta R.T. -0.01 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 56 Resp: 28535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 72.3 | 62.4 | 93.6 |

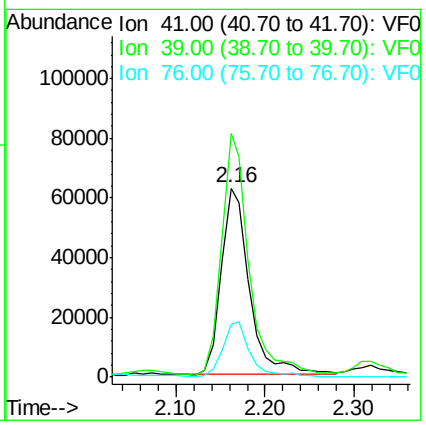


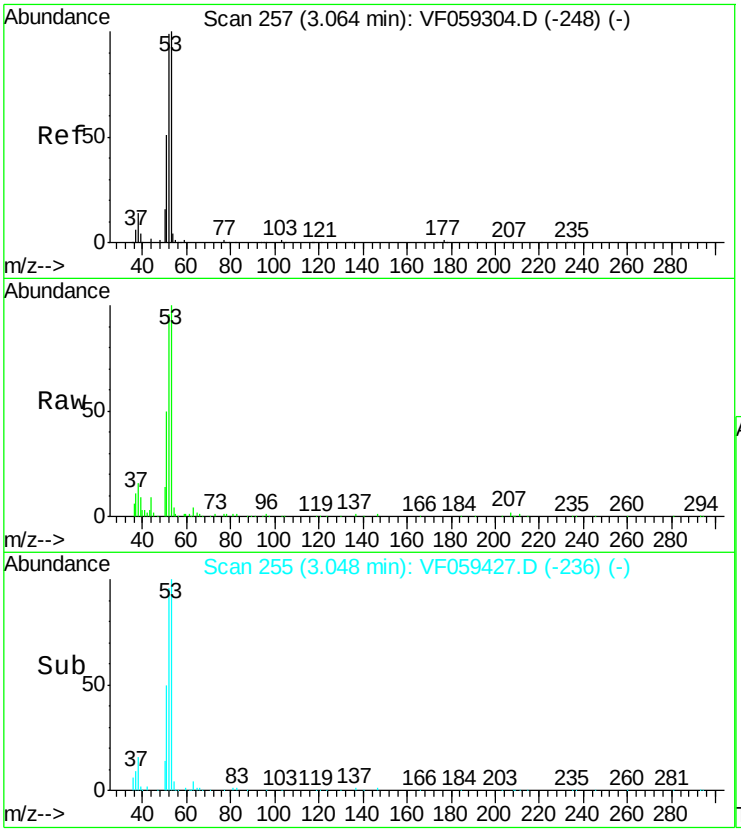




#14
Allyl chloride
Concen: 47.066 ug/l
RT: 2.16 min Scan# 165
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 41 Resp: 139993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 129.1 | 105.6 | 158.4 |
| 76 | 27.9 | 21.6 | 32.4 |



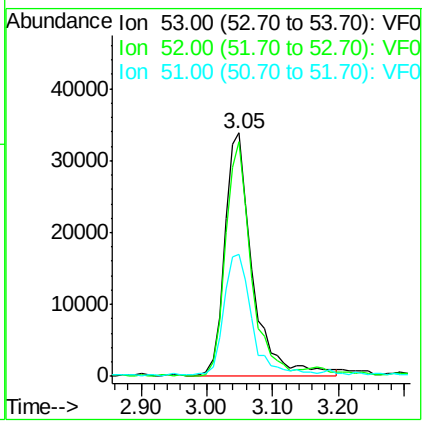


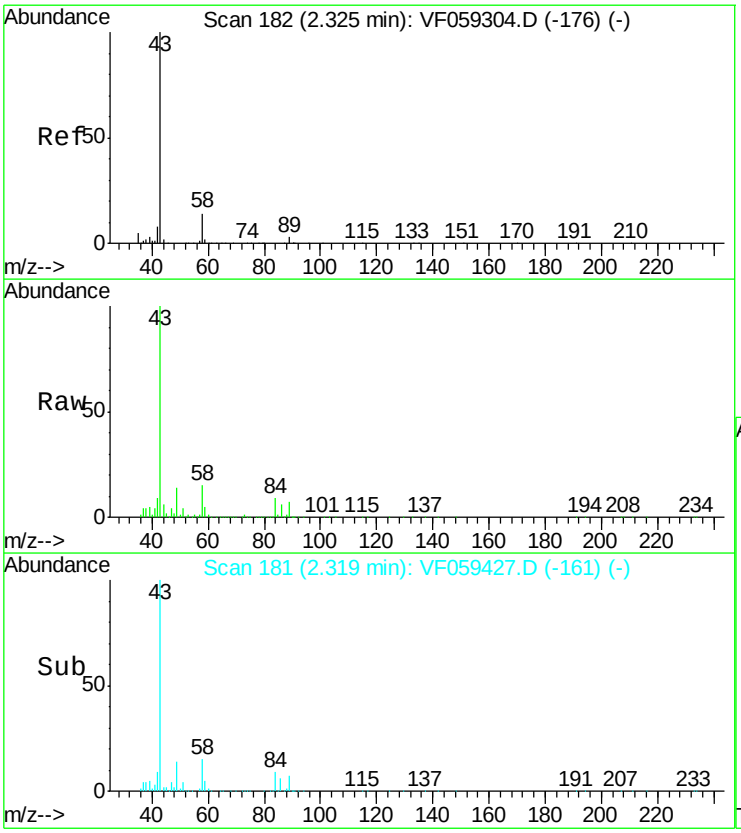

#15
Acrylonitrile
Concen: 243.574 ug/l
RT: 3.05 min Scan# 255
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 53 Resp: 99155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 96.5 | 79.2 | 118.8 |
| 51 | 50.3 | 40.9 | 61.3 |

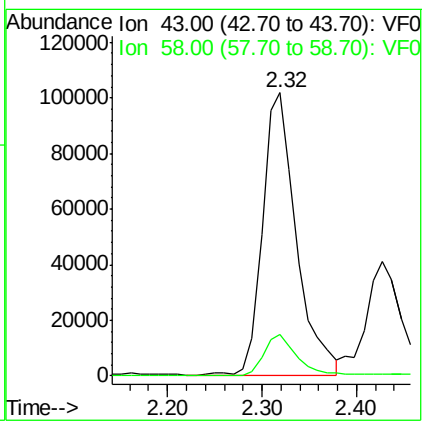


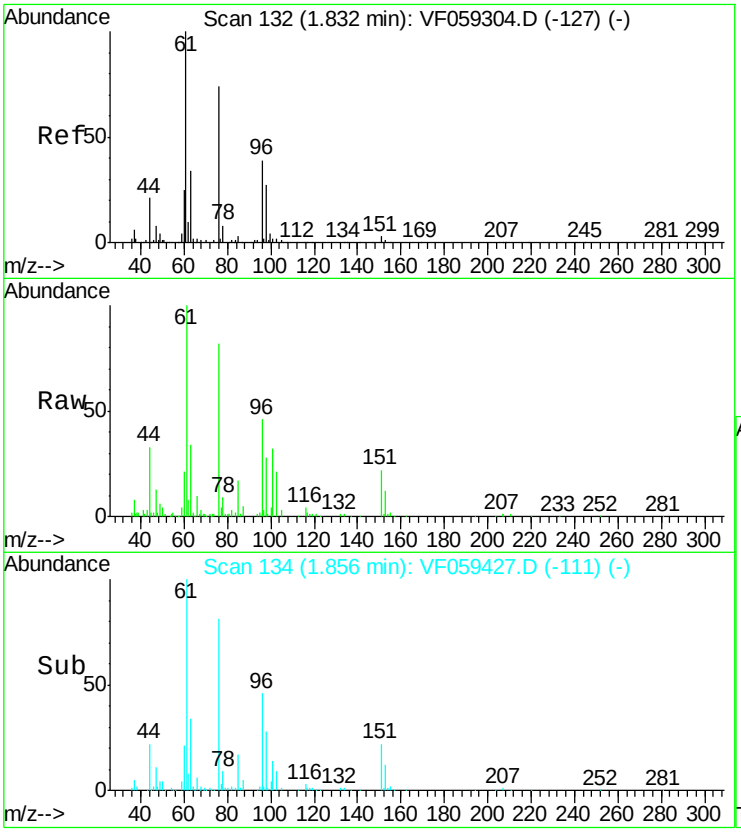




#16
Acetone
Concen: 292.799 ug/l
RT: 2.32 min Scan# 181
Delta R.T. -0.01 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 43 Resp: 252406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 14.7 | 11.4 | 17.0 |



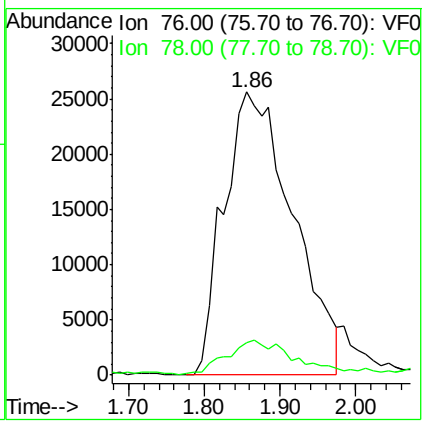


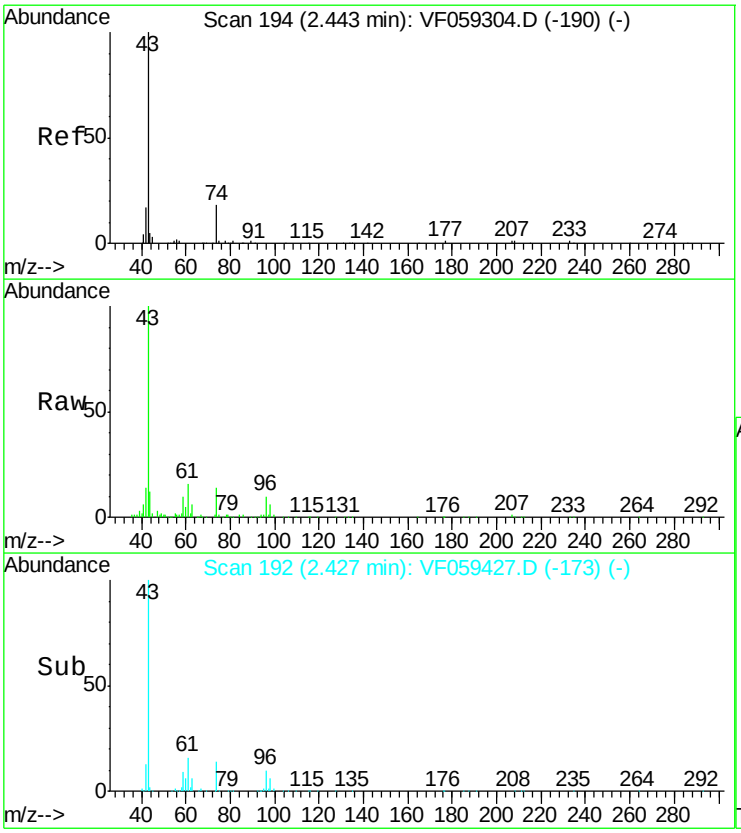

#17
Carbon Disulfide
Concen: 43.684 ug/l
RT: 1.86 min Scan# 134
Delta R.T. 0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 76 Resp: 162820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 11.6 | 8.9 | 13.3 |

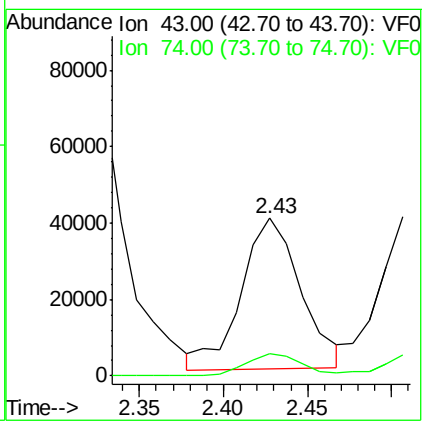


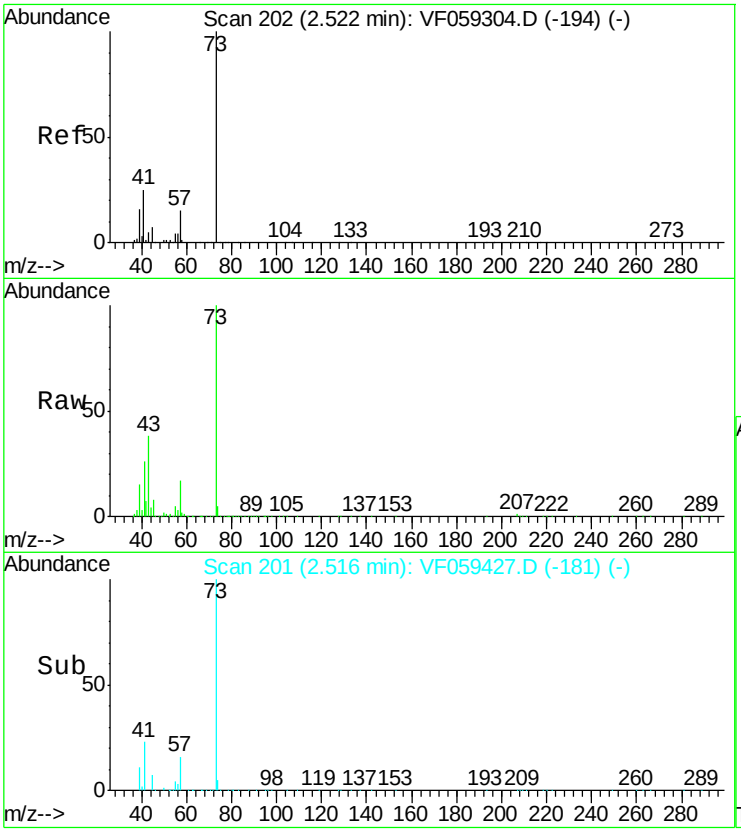




#18
Methyl Acetate
Concen: 61.969 ug/l
RT: 2.43 min Scan# 192
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 43 Resp: 96685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 14.2 | 13.3 | 19.9 |



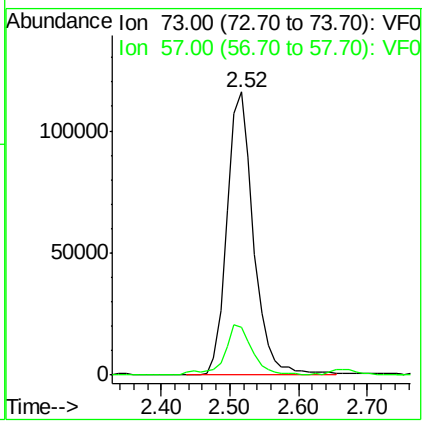


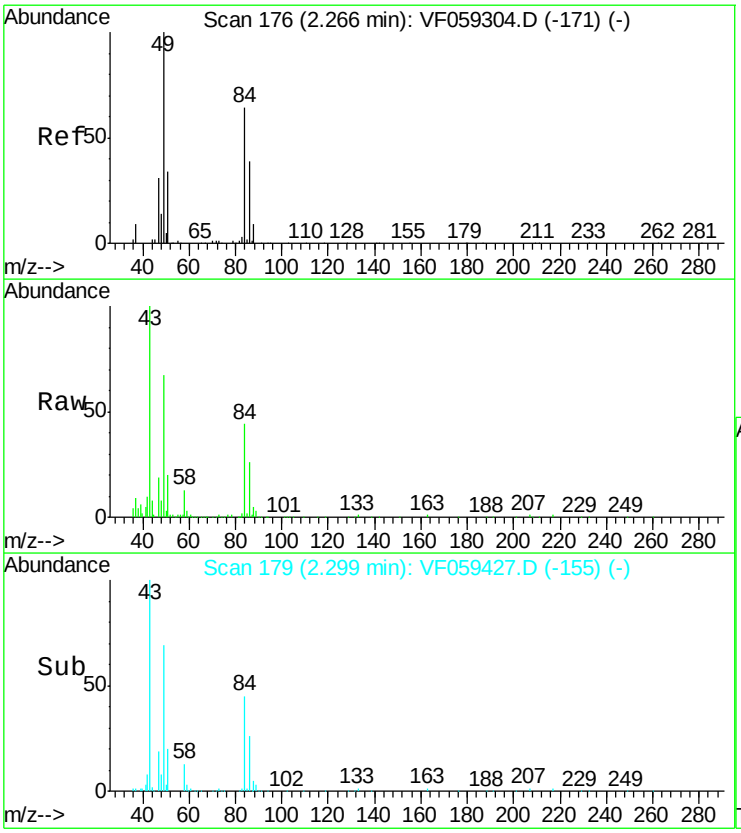

#19
Methyl tert-butyl Ether
Concen: 52.501 ug/l
RT: 2.52 min Scan# 201
Delta R.T. -0.01 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 73 Resp: 310292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 16.9 | 12.3 | 18.5 |

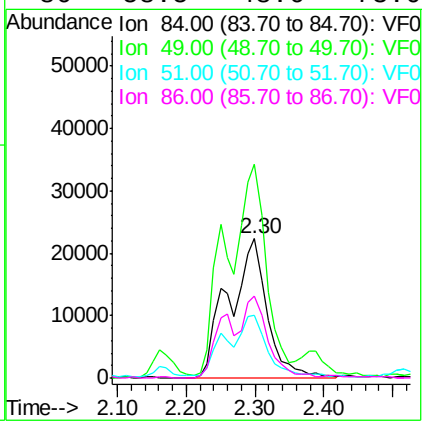


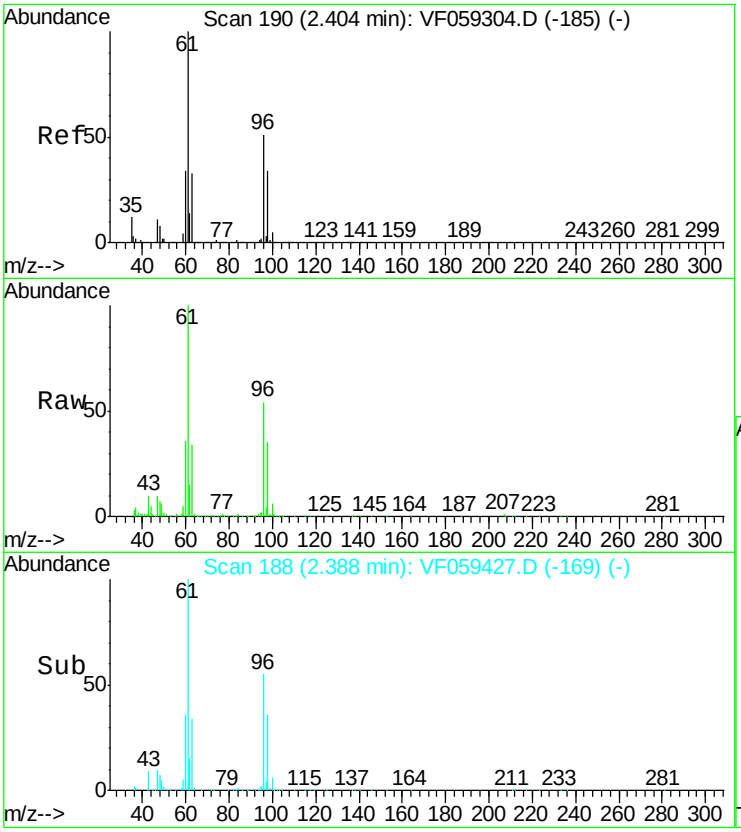




#20
Methylene Chloride
Concen: 43.704 ug/l
RT: 2.30 min Scan# 179
Delta R.T. 0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 84 Resp: 86918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 153.4 | 126.5 | 189.7 |
| 51 | 45.1 | 42.9 | 64.3 |
| 86 | 58.5 | 48.6 | 73.0 |



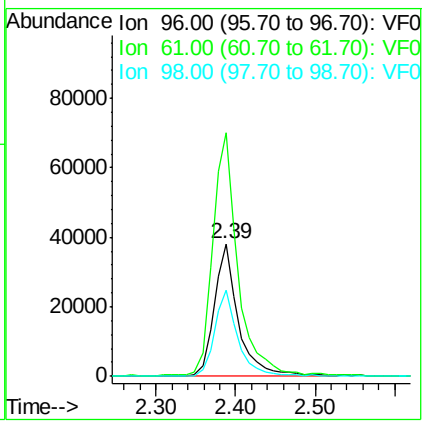


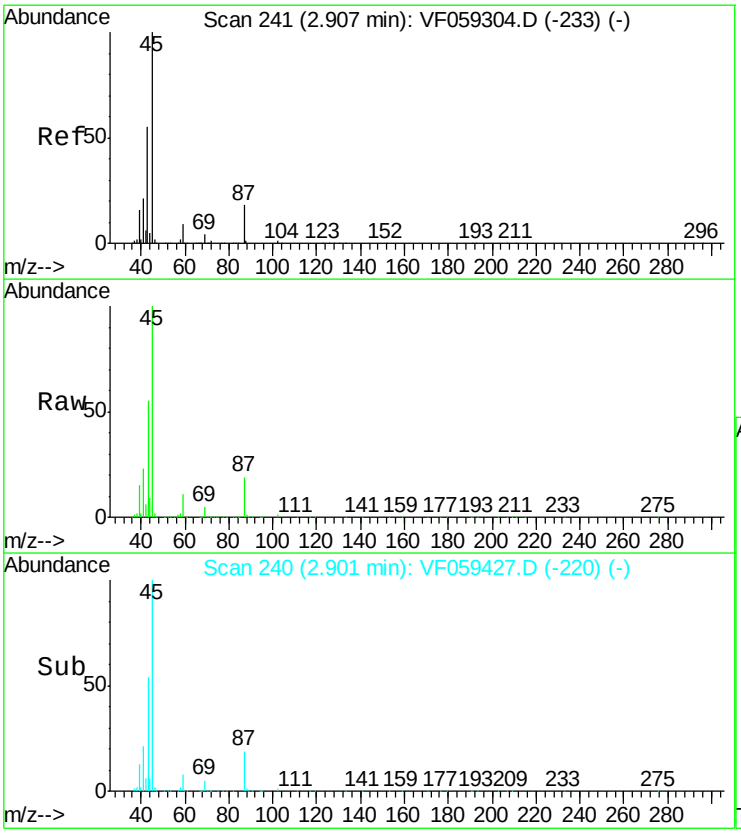

#21
trans-1,2-Dichloroethene
Concen: 48.118 ug/l
RT: 2.39 min Scan# 188
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 96 Resp: 81333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 183.7 | 157.4 | 236.2 |
| 98 | 64.9 | 53.7 | 80.5 |

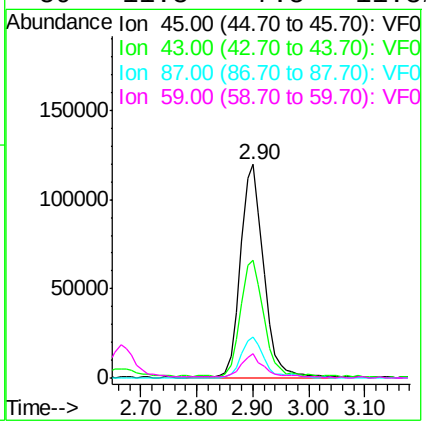


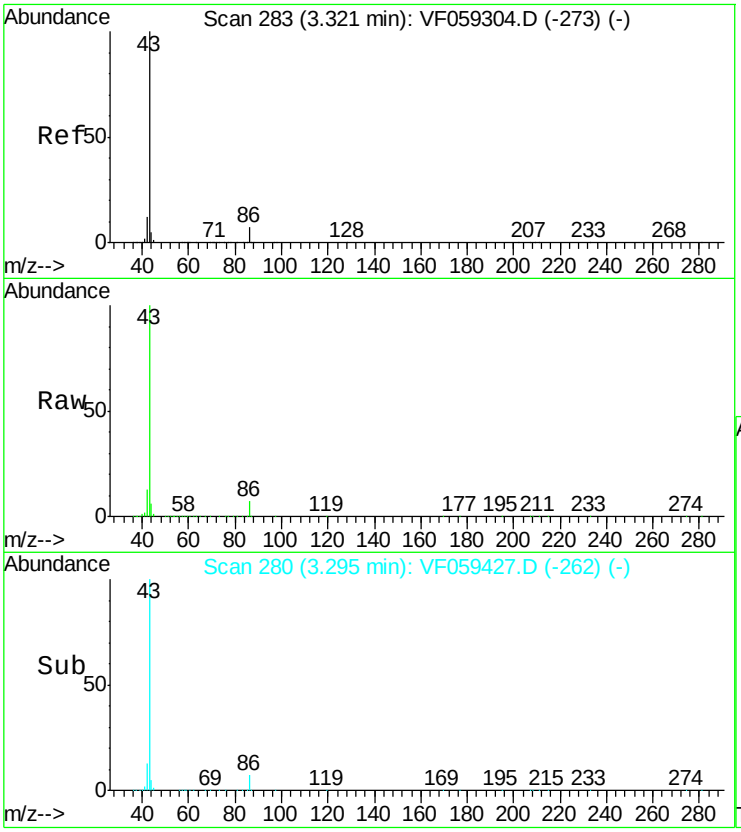




#22
Diisopropyl ether
Concen: 52.243 ug/l
RT: 2.90 min Scan# 240
Delta R.T. -0.01 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 45 Resp: 344107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 55.2 | 44.6 | 66.8 |
| 87 | 19.1 | 14.3 | 21.5 |
| 59 | 11.3 | 7.5 | 11.3# |



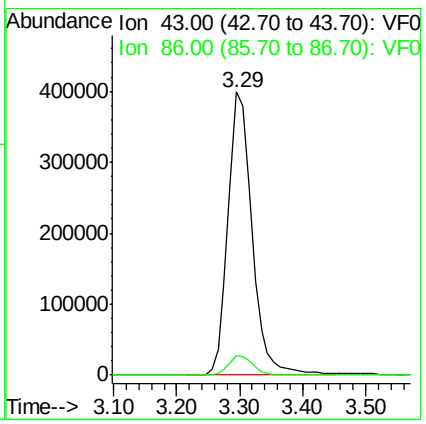


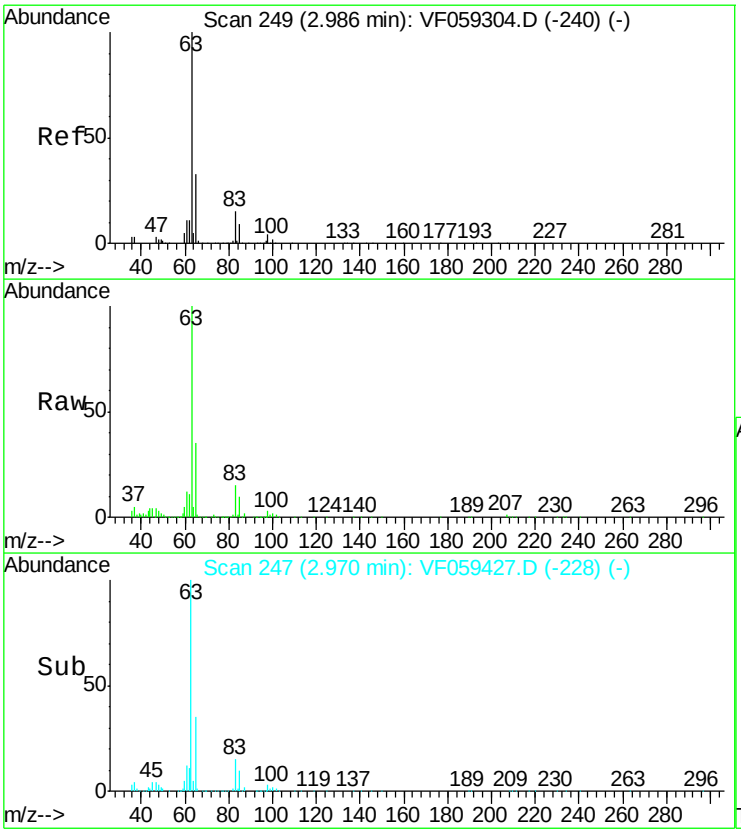

#23
Vinyl Acetate
Concen: 249.916 ug/l
RT: 3.29 min Scan# 280
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 43 Resp: 1048336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 6.7 | 5.8 | 8.6 |

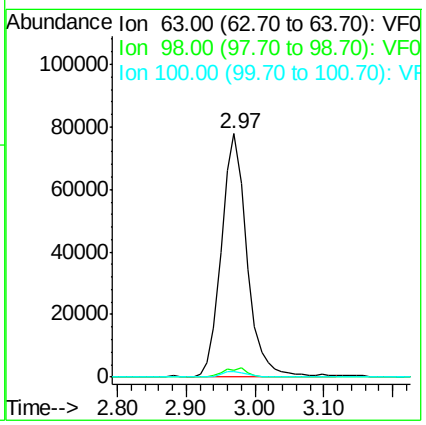


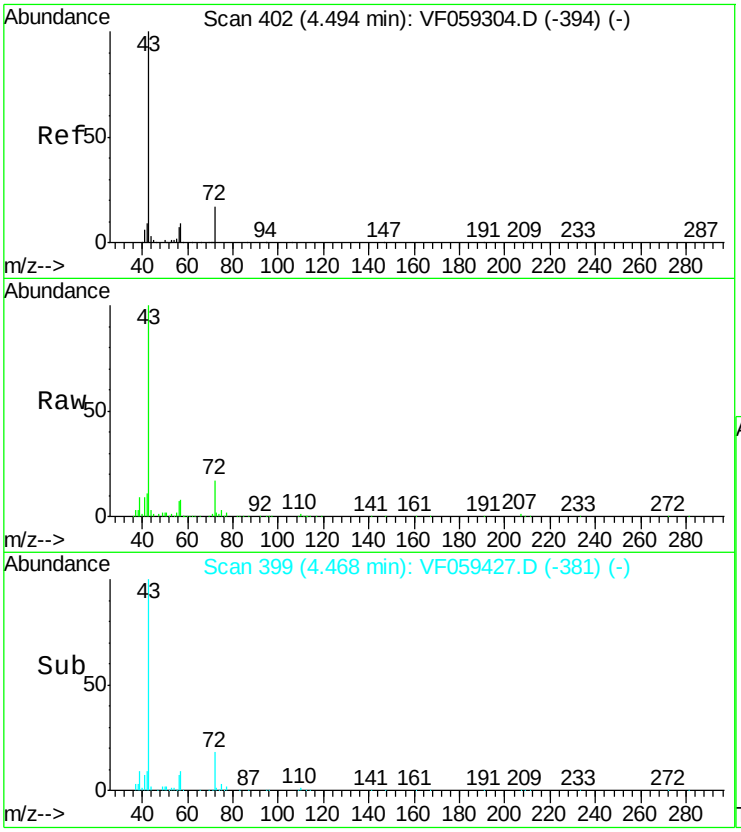




#24
1,1-Dichloroethane
Concen: 49.314 ug/l
RT: 2.97 min Scan# 247
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 63 Resp: 201388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 2.9 | 2.0 | 6.0 |
| 100 | 2.4 | 1.3 | 3.9 |



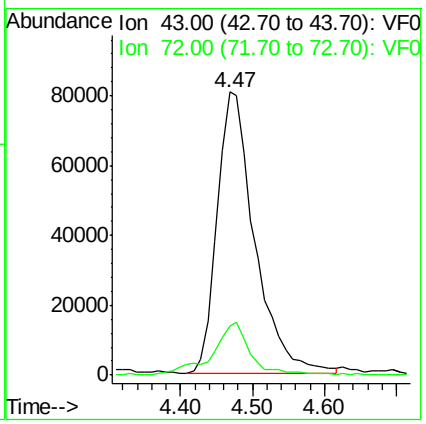


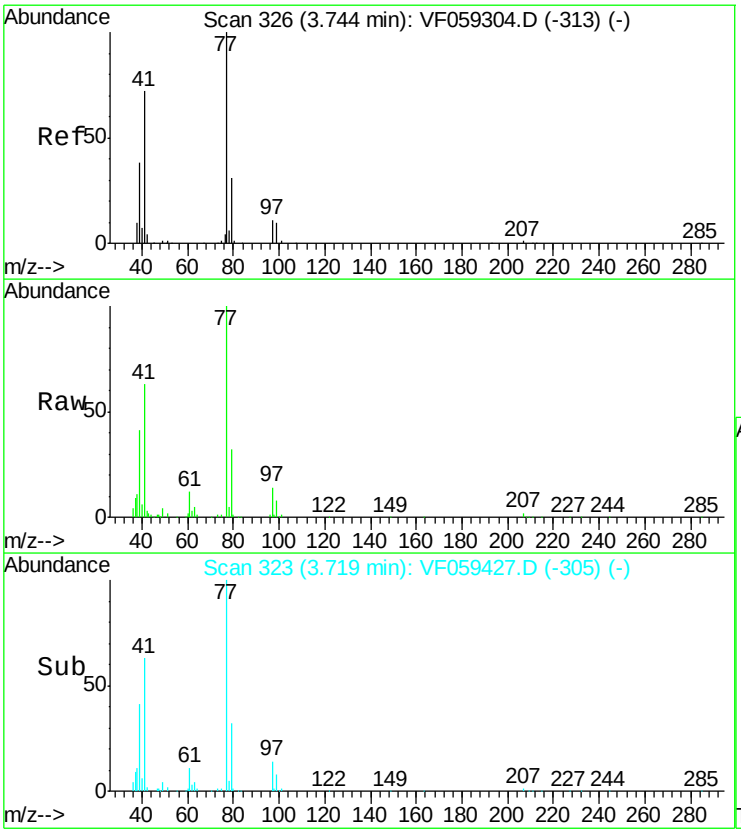

#25
2-Butanone
Concen: 278.427 ug/l
RT: 4.47 min Scan# 399
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 43 Resp: 292140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 17.5 | 14.4 | 21.6 |

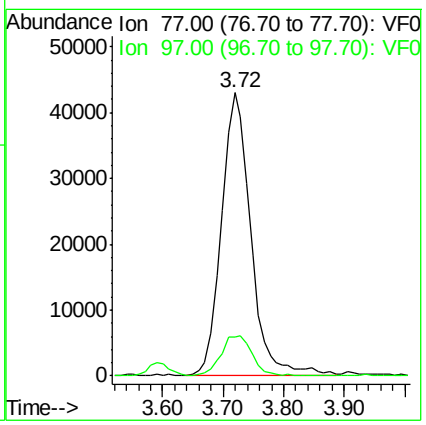


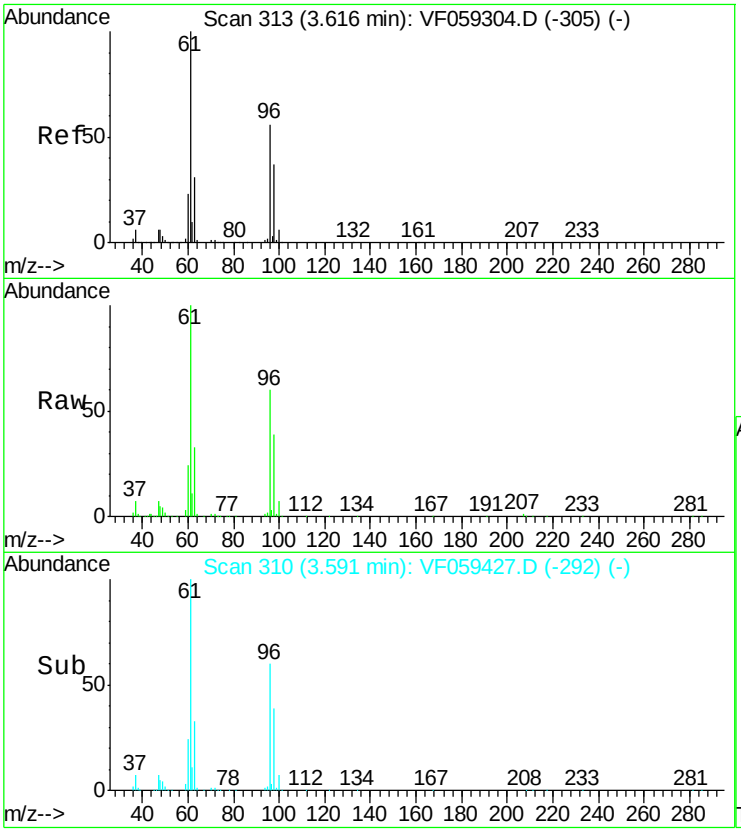




#26
2,2-Dichloropropane
Concen: 51.704 ug/l
RT: 3.72 min Scan# 323
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 77 Resp: 145634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 13.9 | 8.0 | 23.8 |



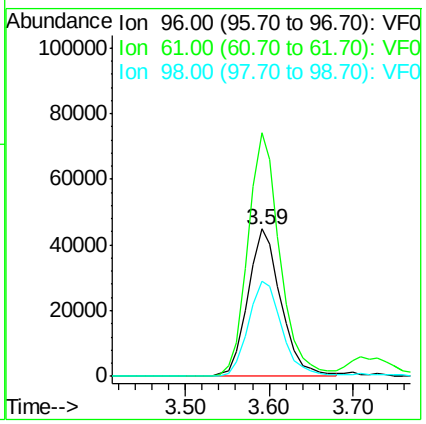


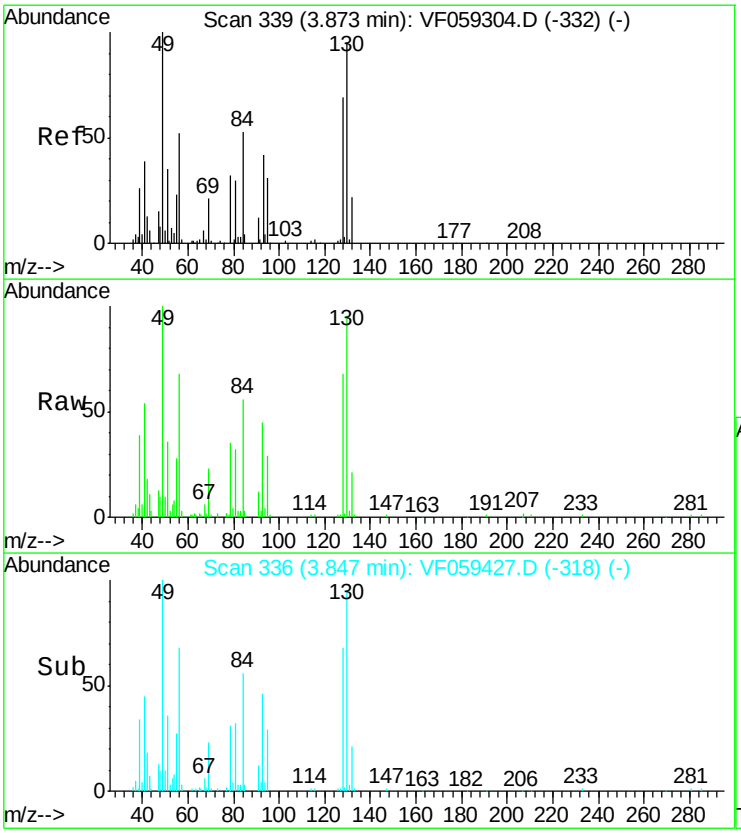

#27
cis-1,2-Dichloroethene
Concen: 48.302 ug/l
RT: 3.59 min Scan# 310
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 96 Resp: 123957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 165.3 | 0.0 | 355.4 |
| 98 | 64.7 | 0.0 | 131.0 |

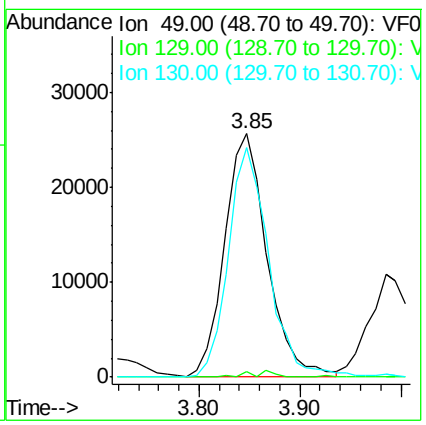


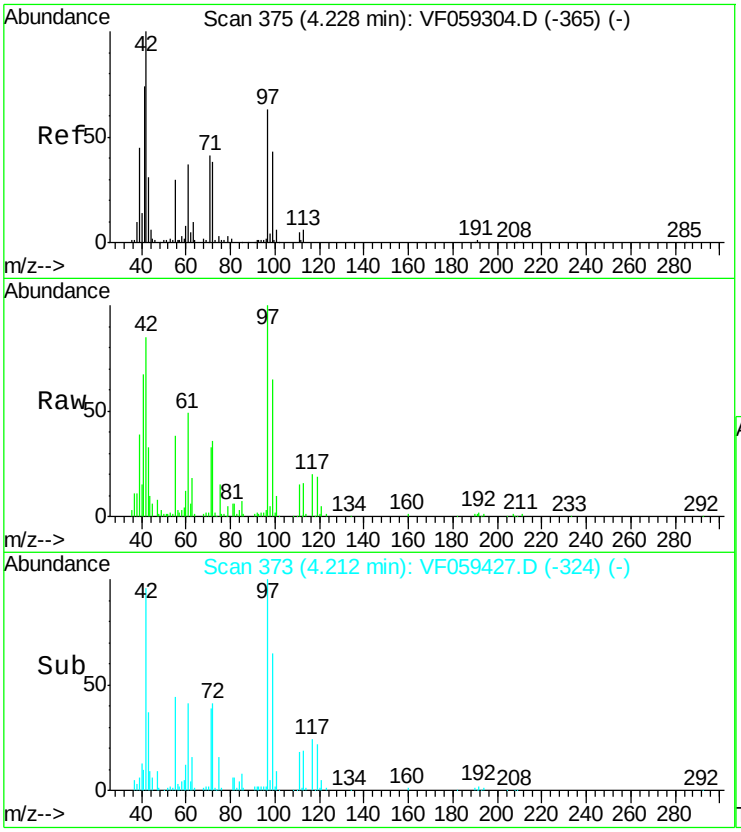




#28
Bromochloromethane
Concen: 47.728 ug/l
RT: 3.85 min Scan# 336
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 49 Resp: 75153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.2 | 0.0 | 6.4 |
| 130 | 94.5 | 75.1 | 112.7 |



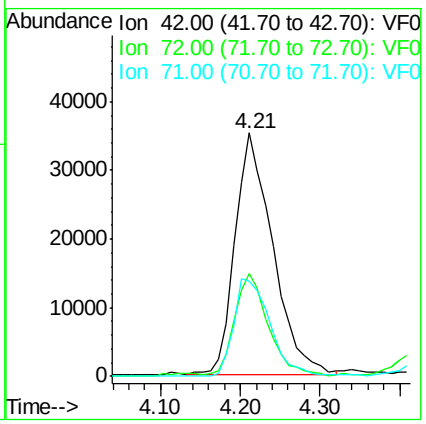


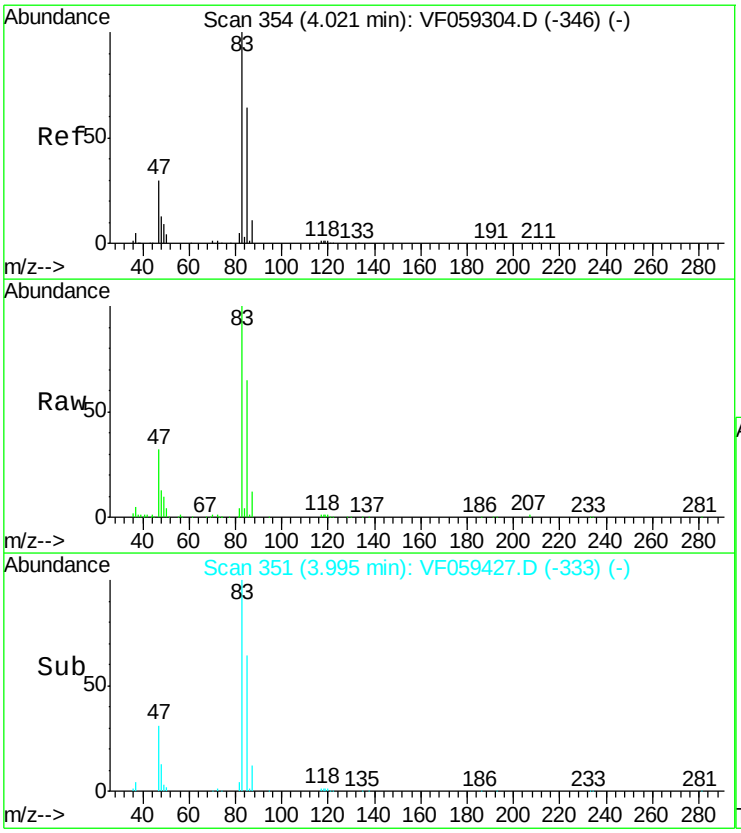

#29
Tetrahydrofuran
Concen: 260.064 ug/l
RT: 4.21 min Scan# 373
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 42 Resp: 115990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 37.6 | 30.5 | 45.7 |
| 71 | 38.8 | 32.5 | 48.7 |

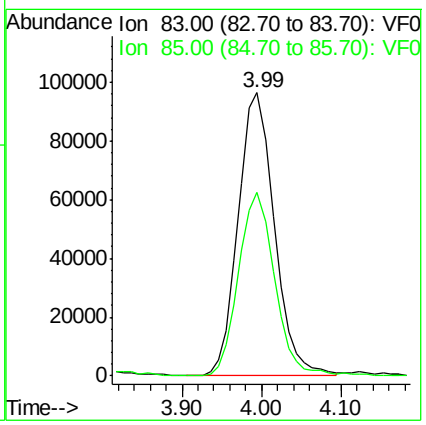


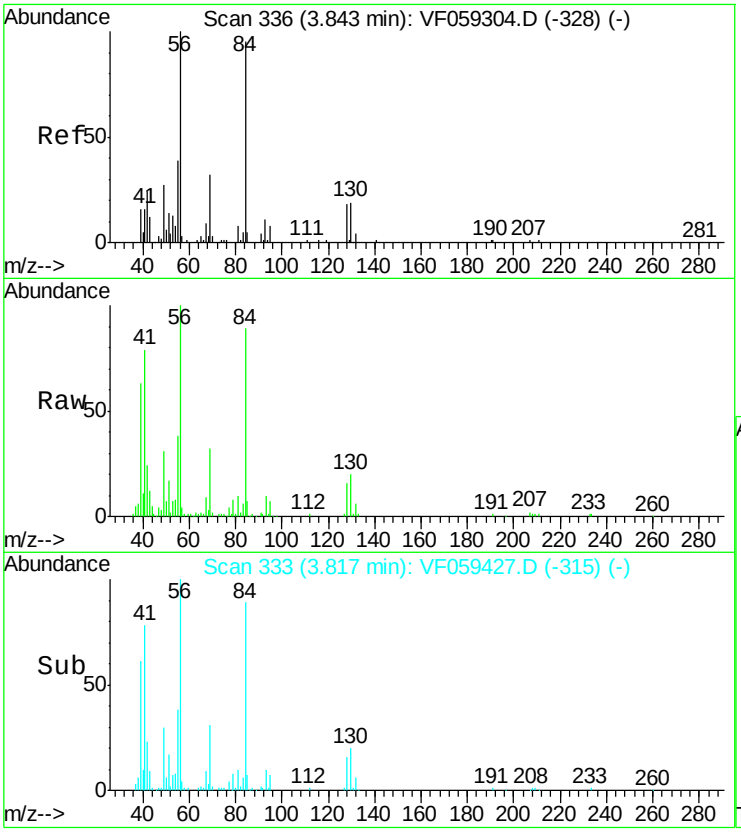




#30
Chloroform
Concen: 51.202 ug/l
RT: 3.99 min Scan# 351
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 83 Resp: 302706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.9 | 51.3 | 76.9 |



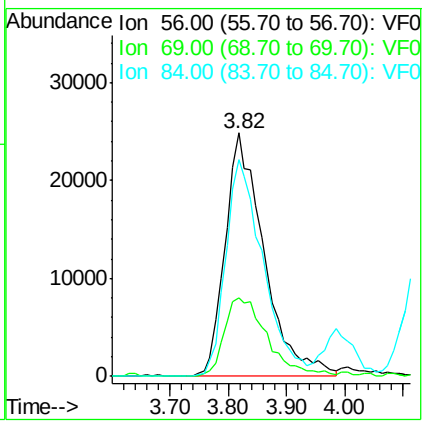


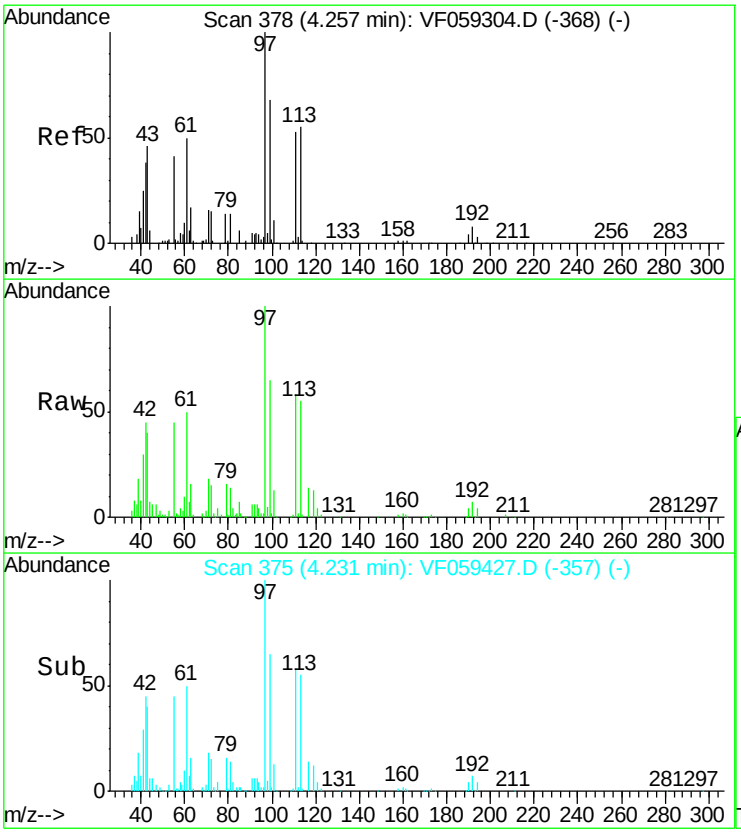

#31
Cyclohexane
Concen: 43.305 ug/l
RT: 3.82 min Scan# 333
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 56 Resp: 115853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.1 | 25.8 | 38.8 |
| 84 | 89.0 | 75.6 | 113.4 |

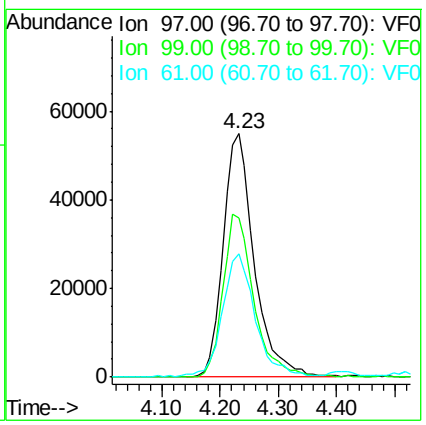


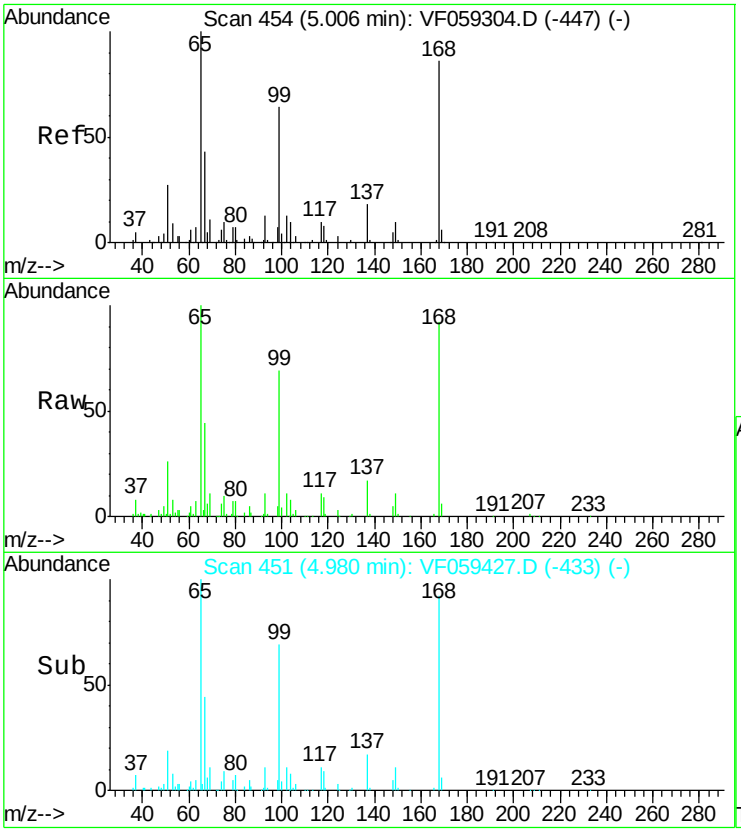




#32
1,1,1-Trichloroethane
Concen: 47.168 ug/l
RT: 4.23 min Scan# 375
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 97 Resp: 204062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.1 | 54.1 | 81.1 |
| 61 | 50.4 | 41.2 | 61.8 |



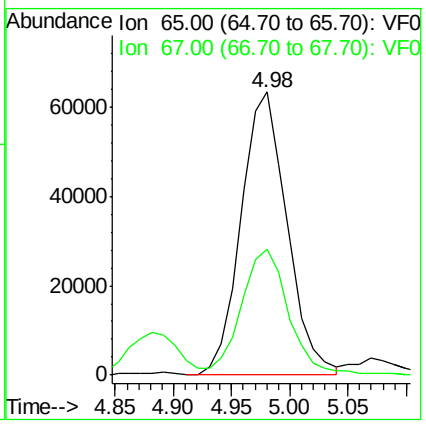


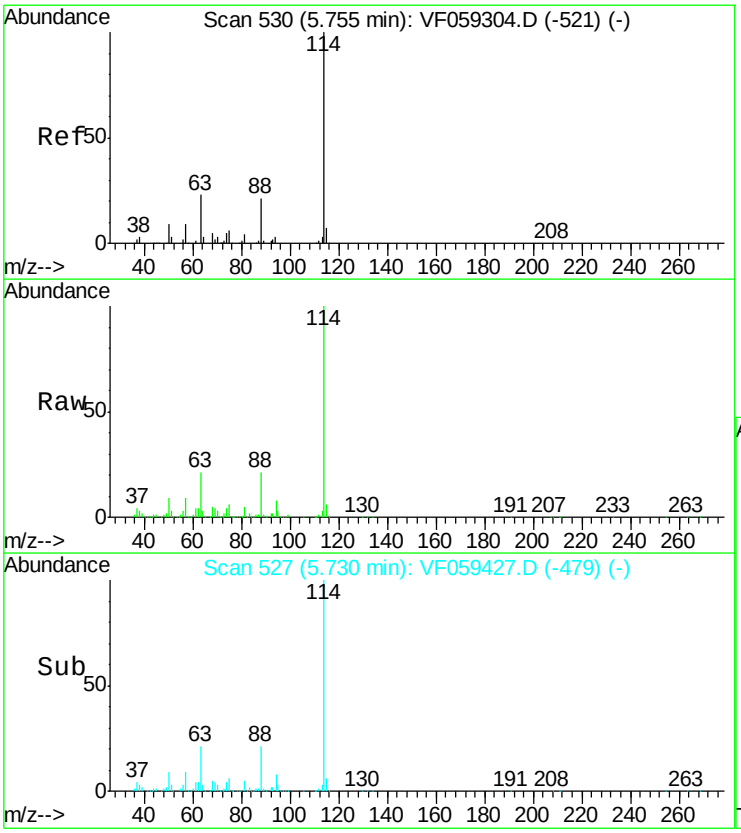

#33
1,2-Dichloroethane-d4
Concen: 49.646 ug/l
RT: 4.98 min Scan# 451
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 65 Resp: 172390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 44.4 | 0.0 | 96.8 |

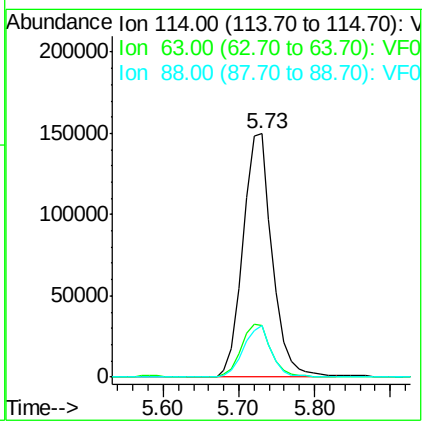


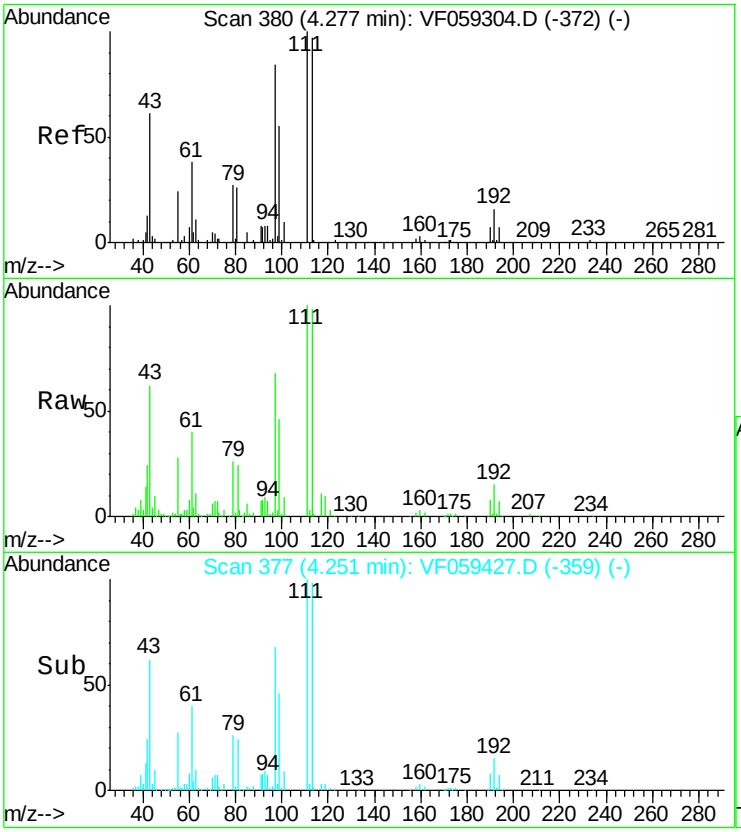




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.73 min Scan# 527
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion:114 Resp: 403347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.2 | 0.0 | 45.8 |
| 88 | 21.0 | 0.0 | 41.2 |



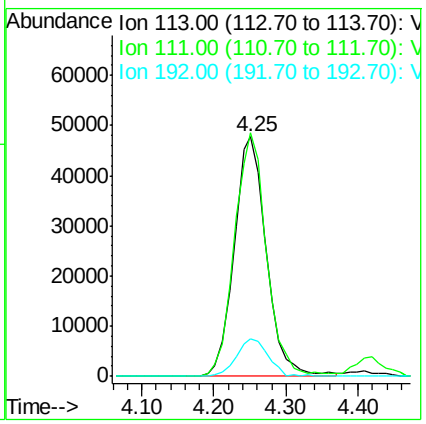


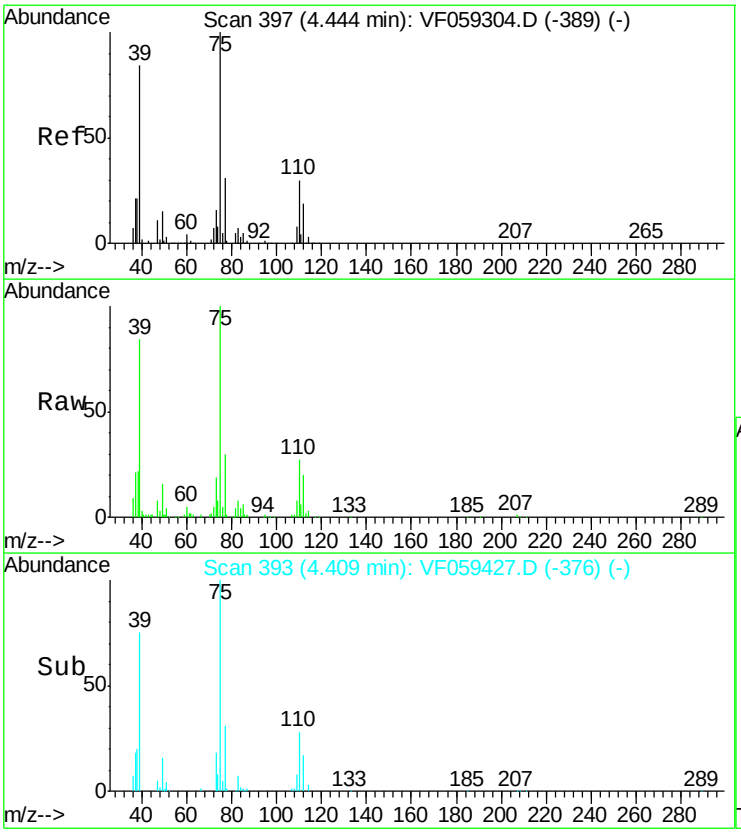

#35
Dibromofluoromethane
Concen: 50.294 ug/l
RT: 4.25 min Scan# 377
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion:113 Resp: 148222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.7 | 82.1 | 123.1 |
| 192 | 15.6 | 13.0 | 19.6 |

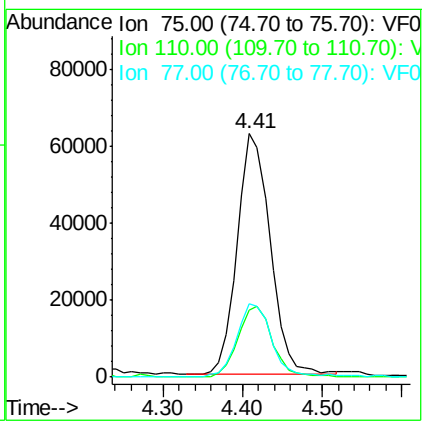


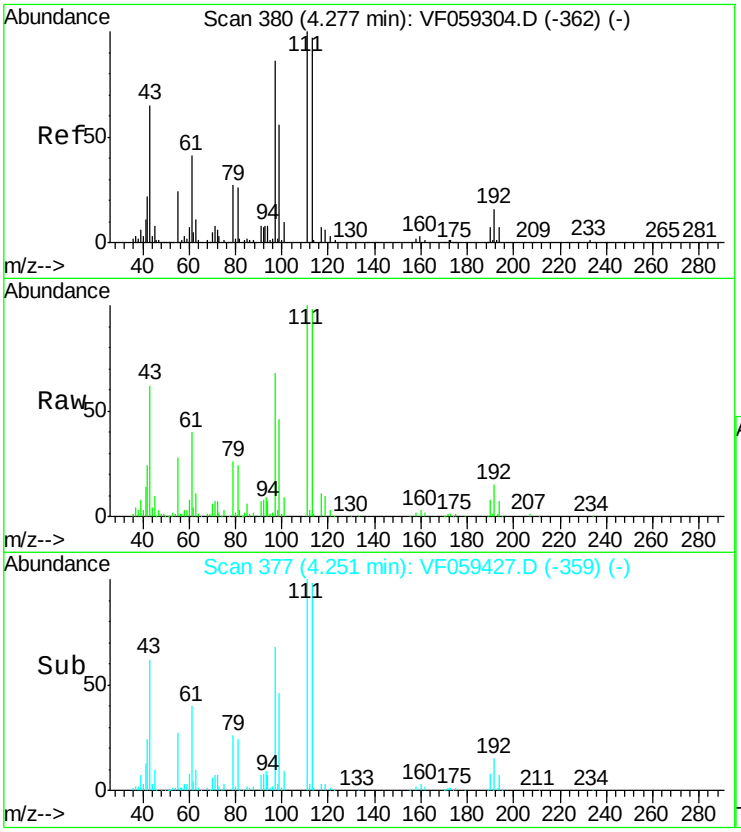




#36
1,1-Dichloropropene
Concen: 51.007 ug/l
RT: 4.41 min Scan# 393
Delta R.T. -0.04 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 75 Resp: 179726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 27.3 | 14.8 | 44.4 |
| 77 | 29.9 | 25.2 | 37.8 |



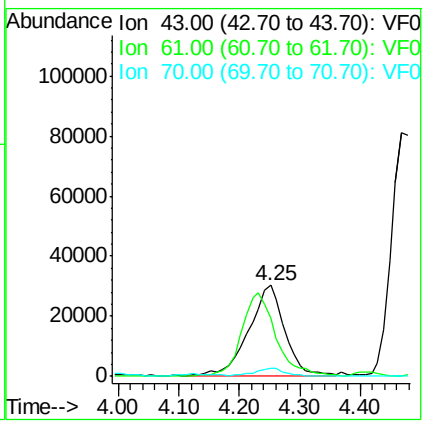


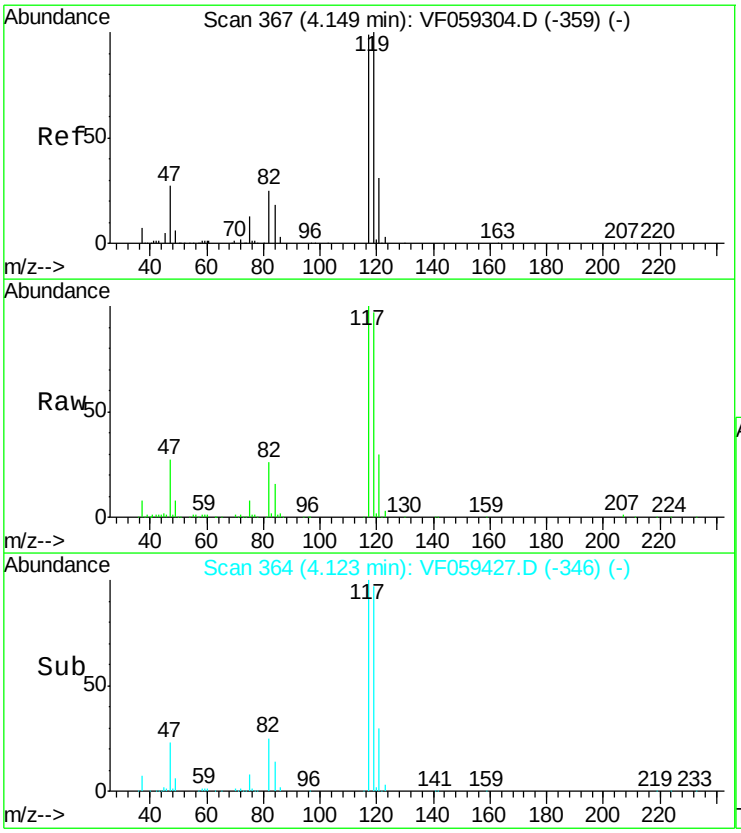

#37
Ethyl Acetate
Concen: 54.865 ug/l
RT: 4.25 min Scan# 377
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 43 Resp: 123341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 64.5 | 50.1 | 75.1 |
| 70 | 9.6 | 6.2 | 9.4# |

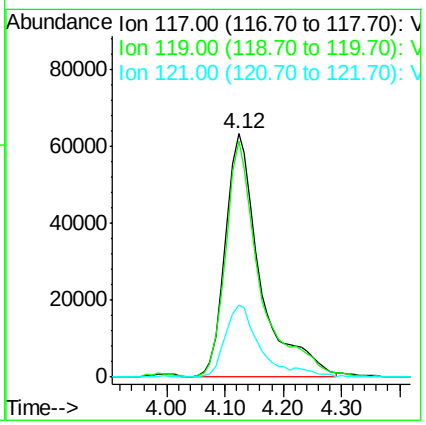


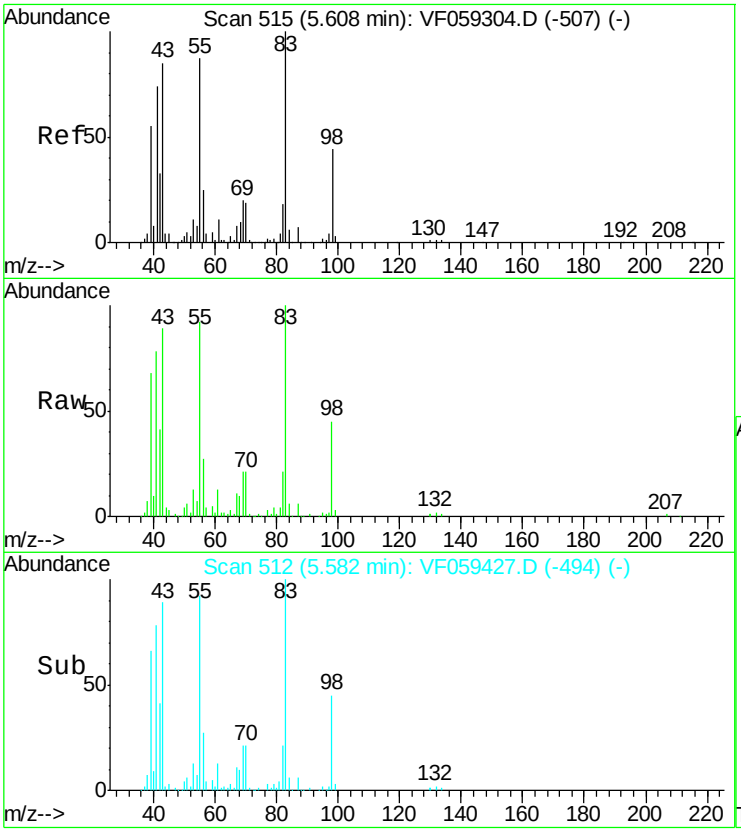




#38
Carbon Tetrachloride
Concen: 59.372 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion:117 Resp: 264008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.0 | 81.0 | 121.4 |
| 121 | 29.7 | 24.7 | 37.1 |



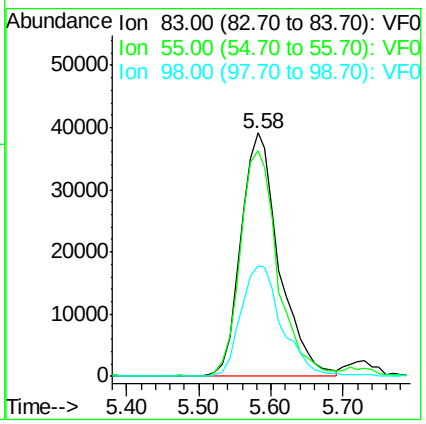


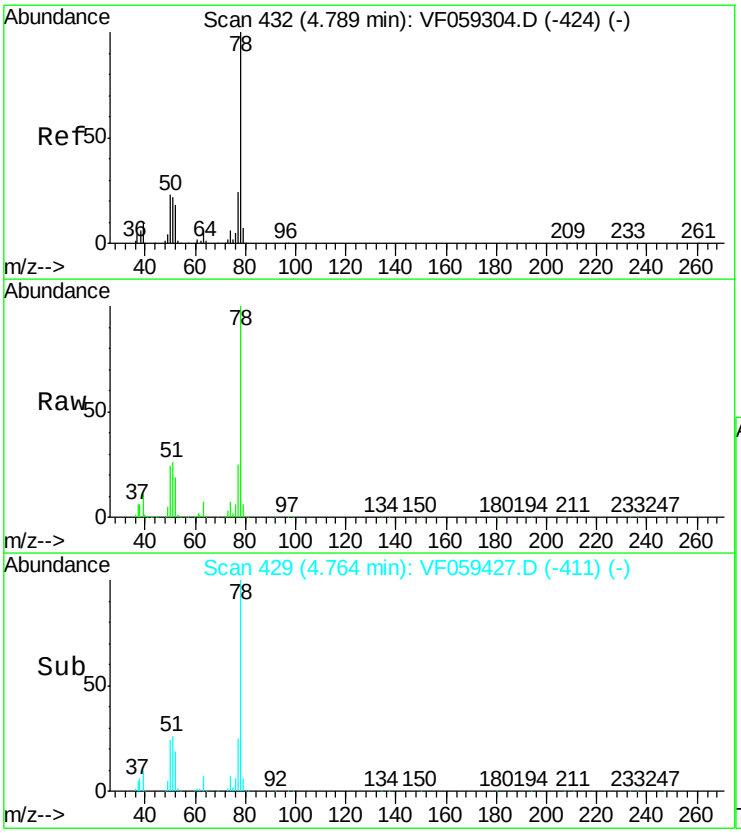

#39
Methylcyclohexane
Concen: 46.222 ug/l
RT: 5.58 min Scan# 512
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 83 Resp: 144325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 92.4 | 69.2 | 103.8 |
| 98 | 45.5 | 35.0 | 52.6 |

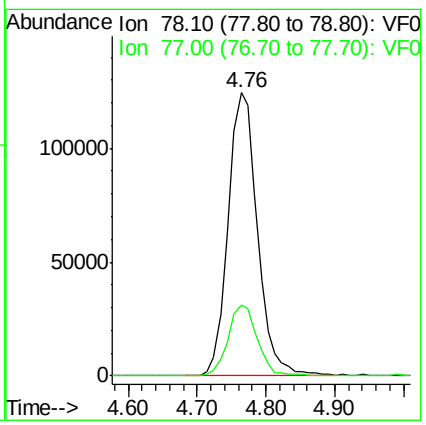


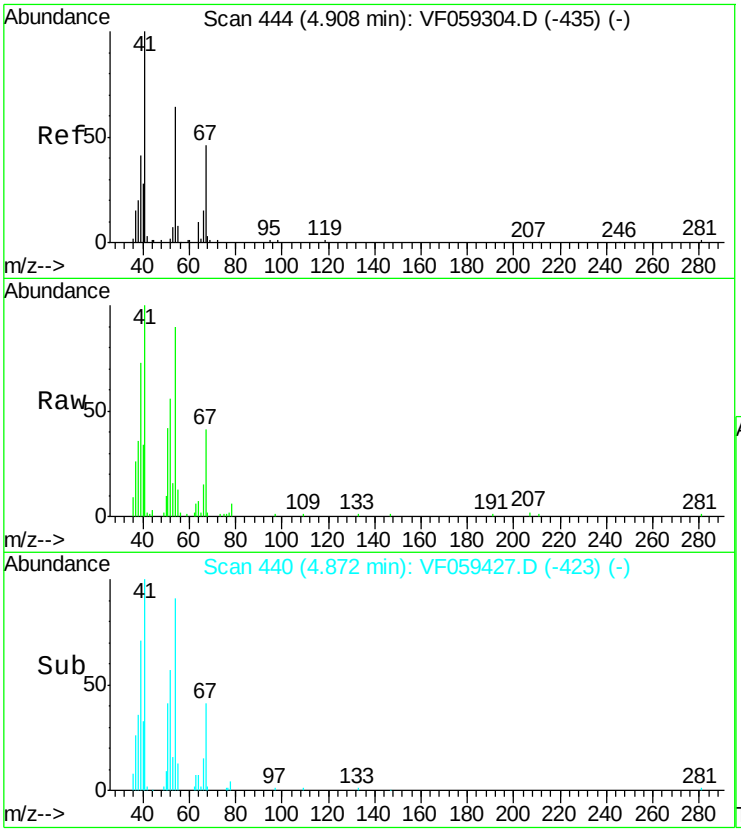




#40
Benzene
Concen: 46.997 ug/l
RT: 4.76 min Scan# 429
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 78 Resp: 367161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 25.1 | 19.6 | 29.4 |



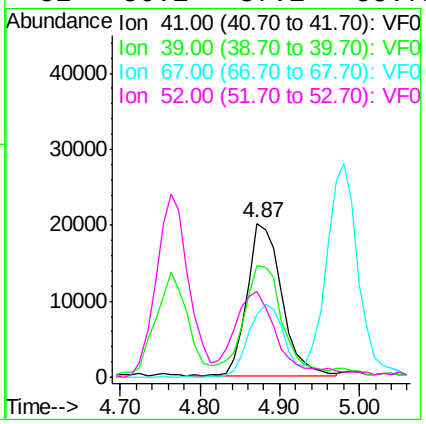


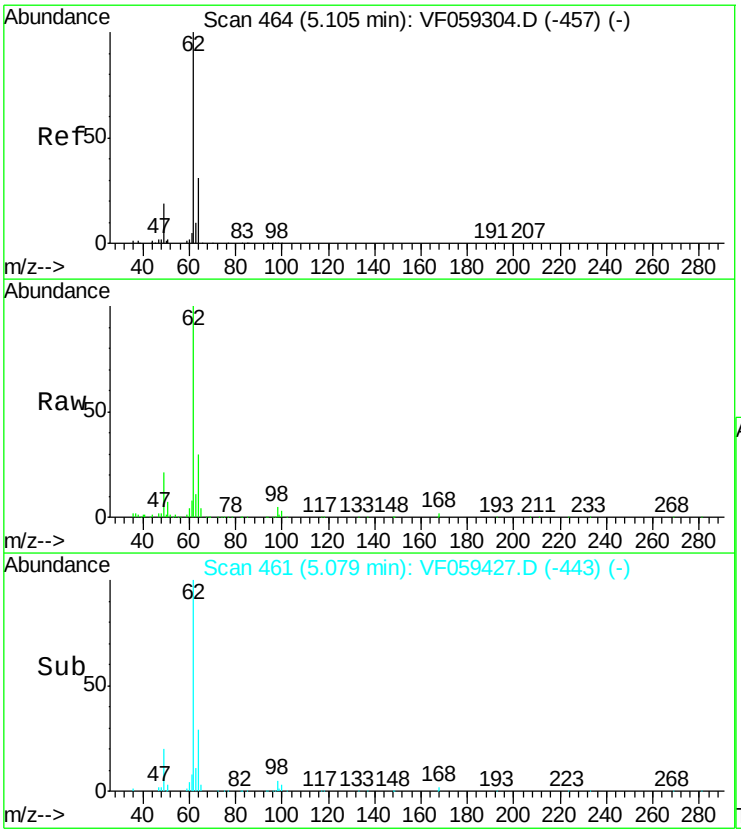

#41
Methacrylonitrile
Concen: 49.822 ug/l
RT: 4.87 min Scan# 440
Delta R.T. -0.04 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 41 Resp: 59883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 72.6 | 50.0 | 75.0 |
| 67 | 40.6 | 37.0 | 55.6 |
| 52 | 56.1 | 37.1 | 55.7# |

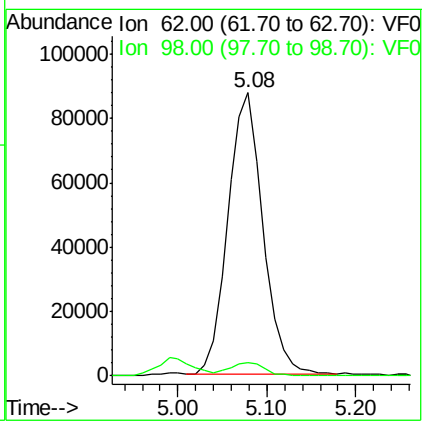


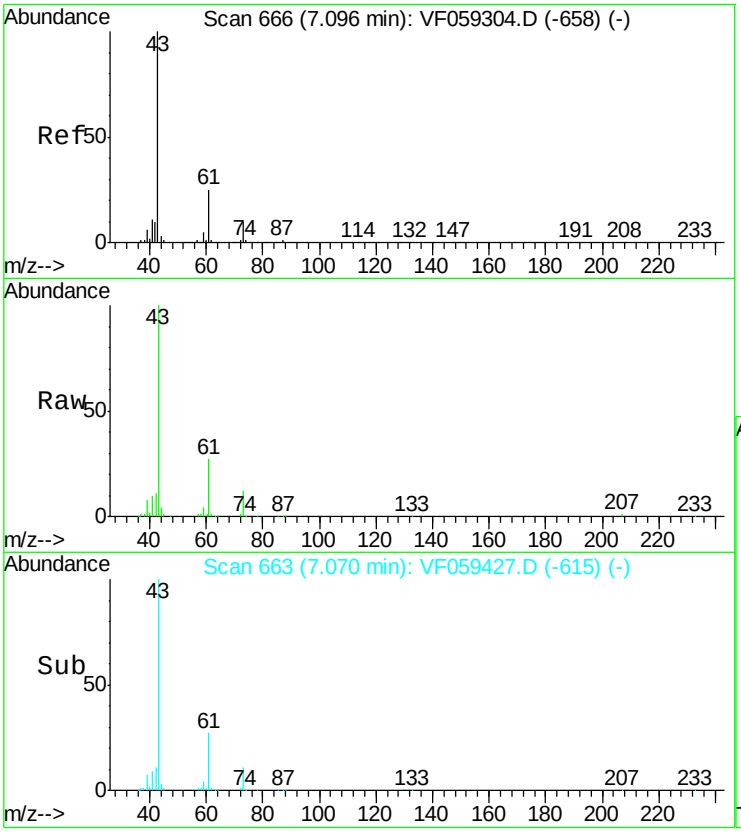




#42
1,2-Dichloroethane
Concen: 52.632 ug/l
RT: 5.08 min Scan# 461
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 62 Resp: 240270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 4.5 | 0.0 | 11.4 |



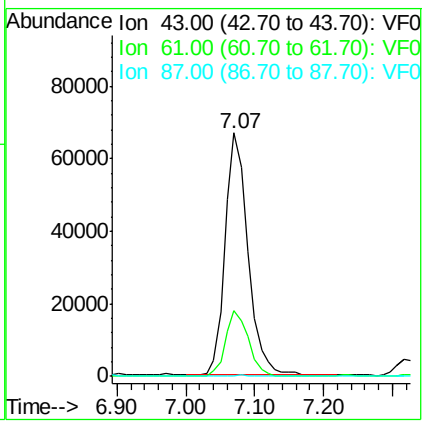


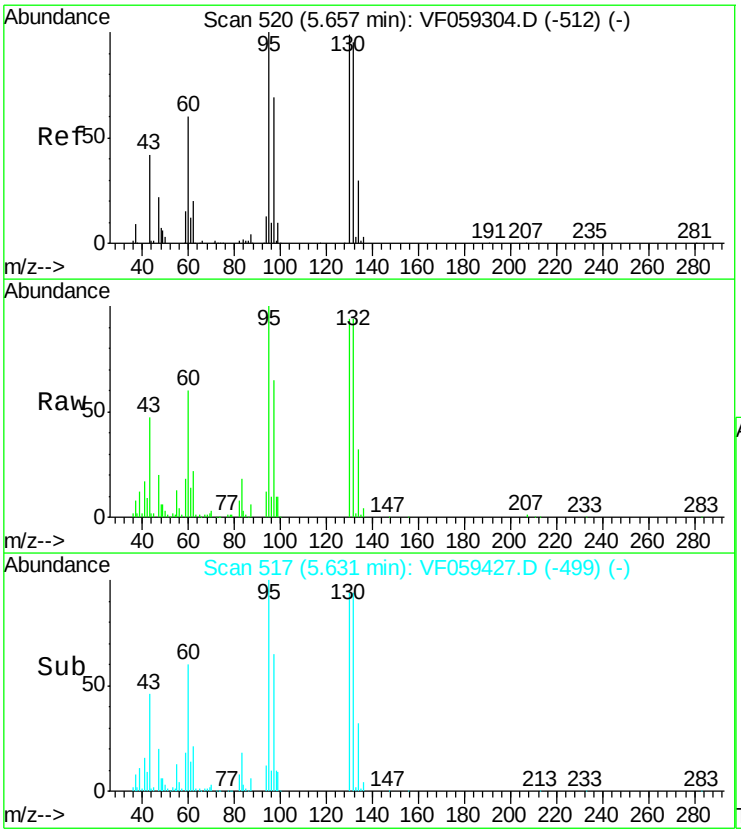

#43
Isopropyl Acetate
Concen: 52.695 ug/l
RT: 7.07 min Scan# 663
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 43 Resp: 154657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 27.1 | 19.7 | 29.5 |
| 87 | 0.2 | 0.5 | 0.7# |

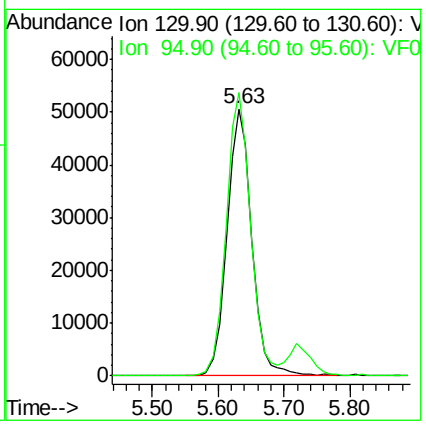


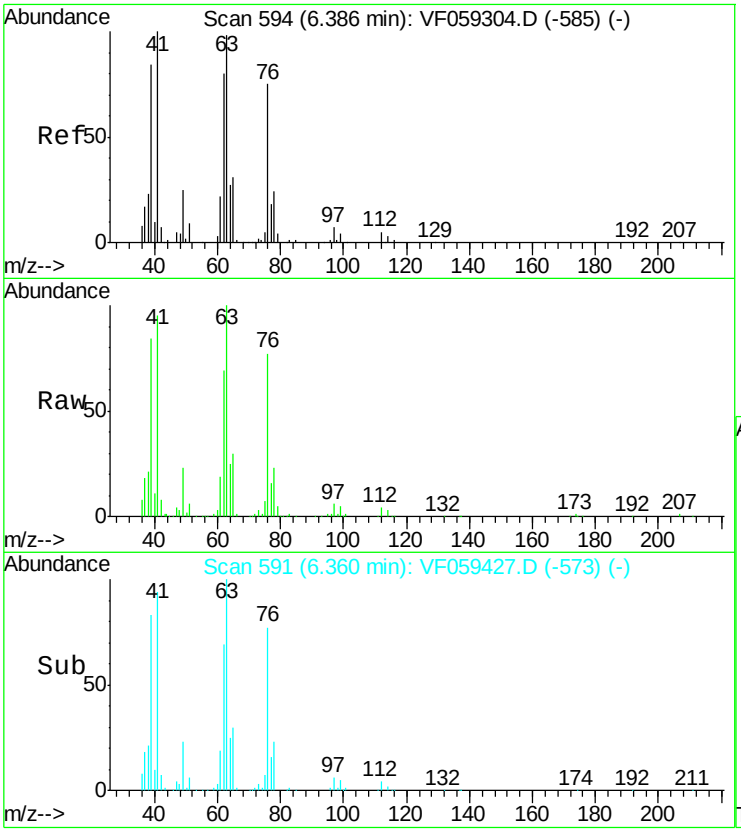




#44
Trichloroethene
Concen: 49.508 ug/l
RT: 5.63 min Scan# 517
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion:130 Resp: 132682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 106.0 | 0.0 | 202.4 |



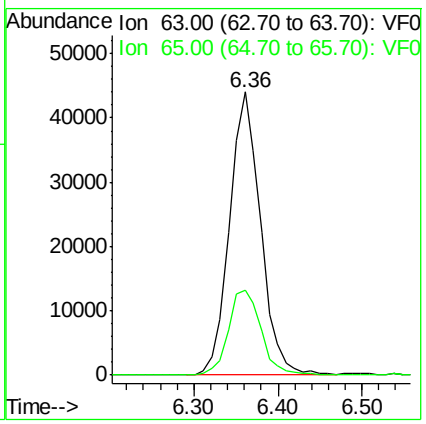


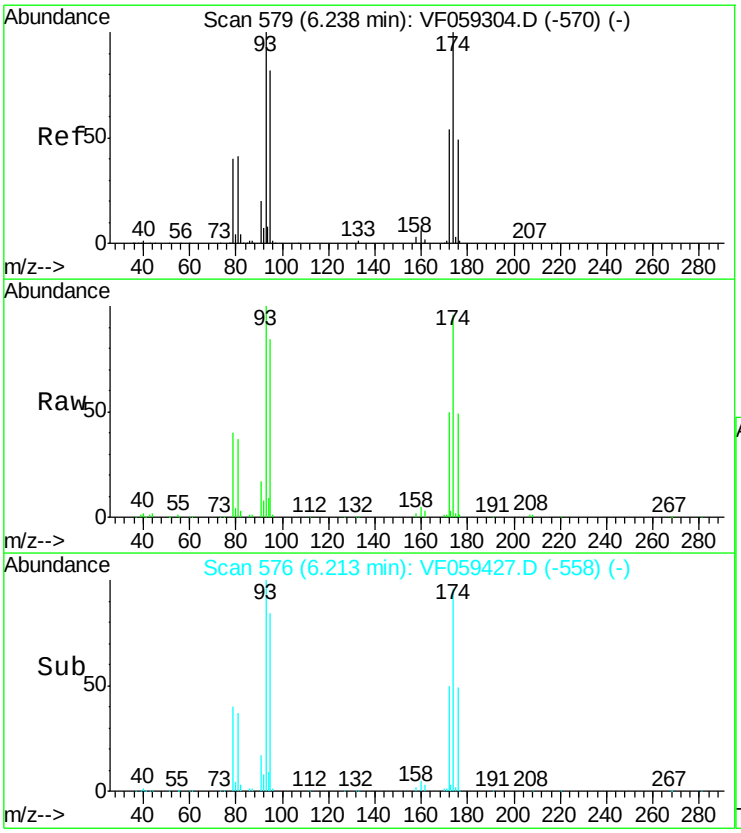

#45
1,2-Dichloropropane
Concen: 50.570 ug/l
RT: 6.36 min Scan# 591
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 63 Resp: 112878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.2 | 25.3 | 37.9 |

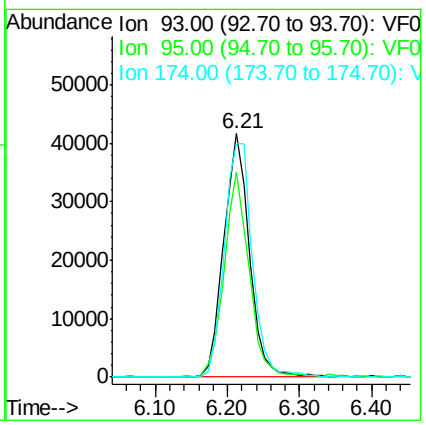


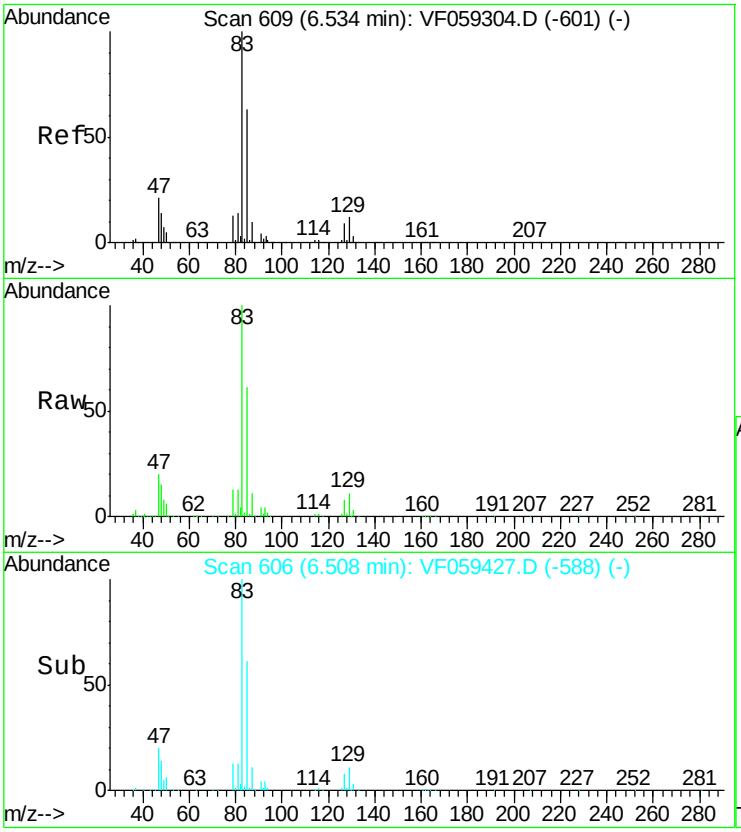




#46
Dibromomethane
Concen: 53.307 ug/l
RT: 6.21 min Scan# 576
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 93 Resp: 103274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.4 | 65.6 | 98.4 |
| 174 | 95.9 | 80.0 | 120.0 |



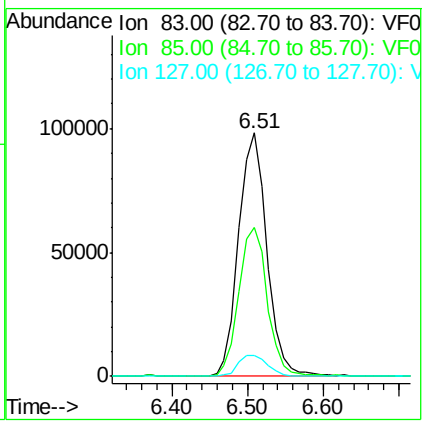


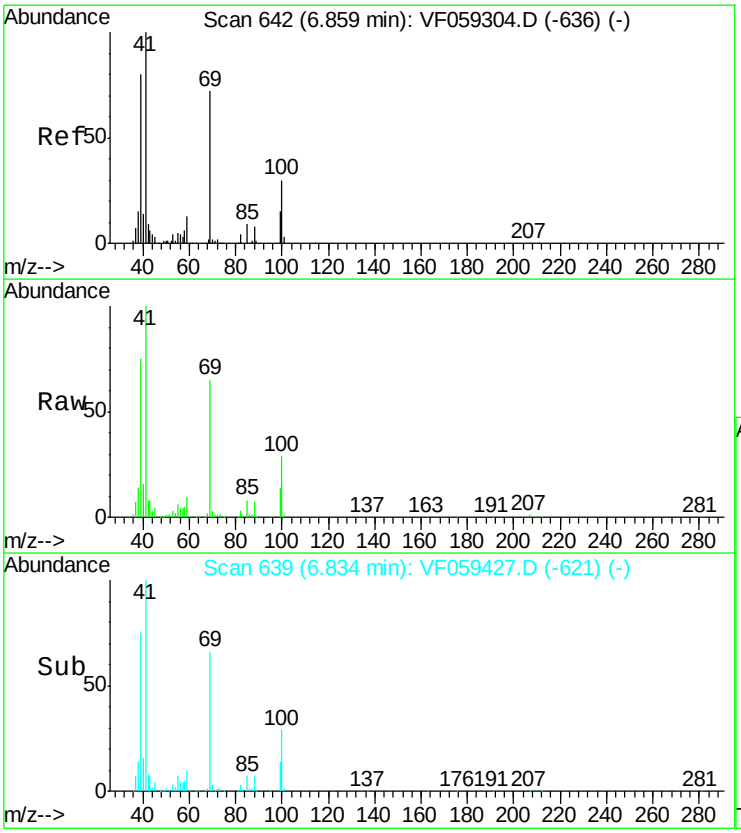

#47
Bromodichloromethane
Concen: 54.309 ug/l
RT: 6.51 min Scan# 606
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 83 Resp: 254691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 61.2 | 50.2 | 75.2 |
| 127 | 8.5 | 7.0 | 10.4 |

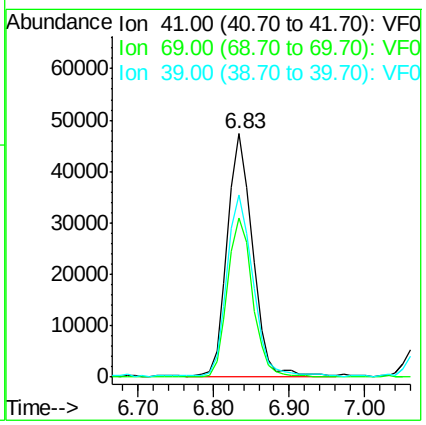


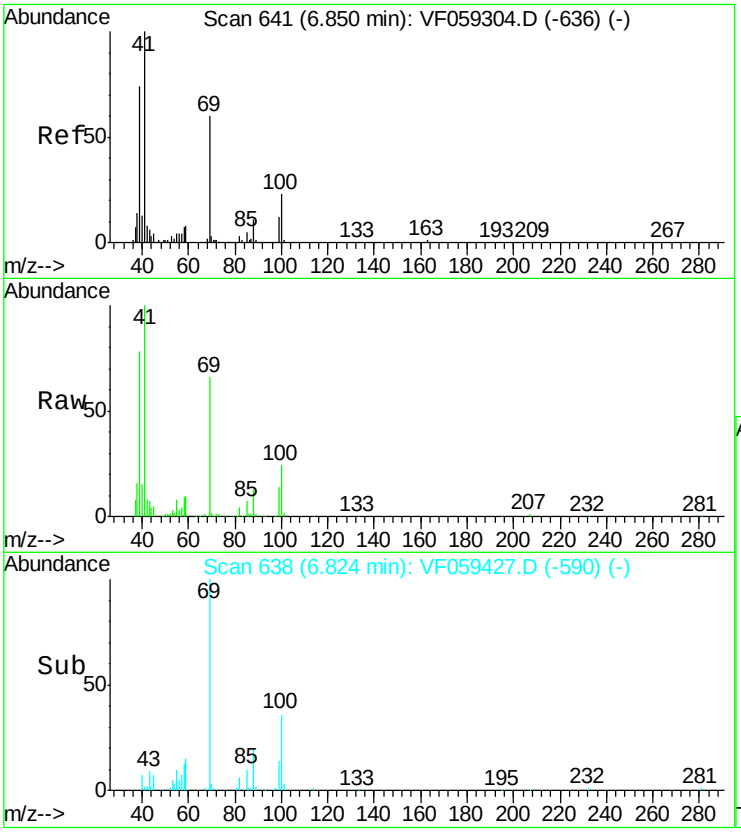




#48
Methyl methacrylate
Concen: 55.667 ug/l
RT: 6.83 min Scan# 639
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 41 Resp: 109500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 65.3 | 57.3 | 85.9 |
| 39 | 75.0 | 64.4 | 96.6 |



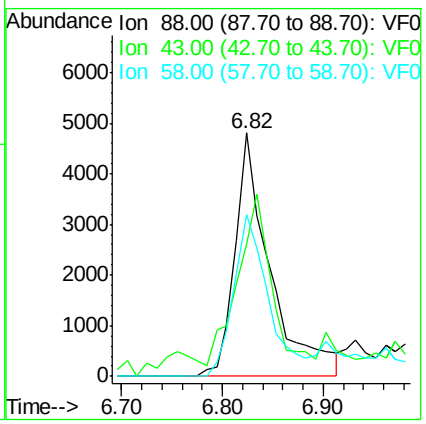


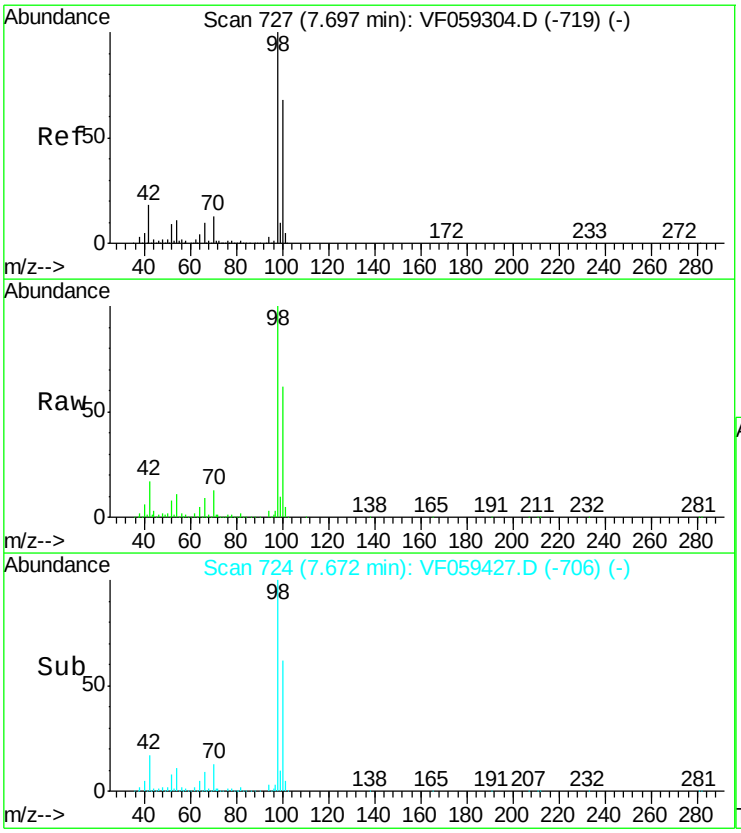

#49
1,4-Dioxane
Concen: 1112.206 ug/l
RT: 6.82 min Scan# 638
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 88 Resp: 11623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 54.1 | 50.6 | 75.8 |
| 58 | 66.5 | 46.6 | 69.8 |

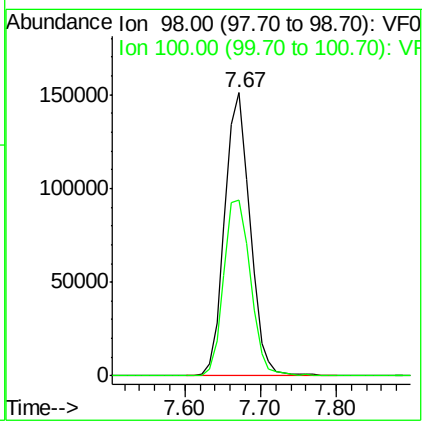


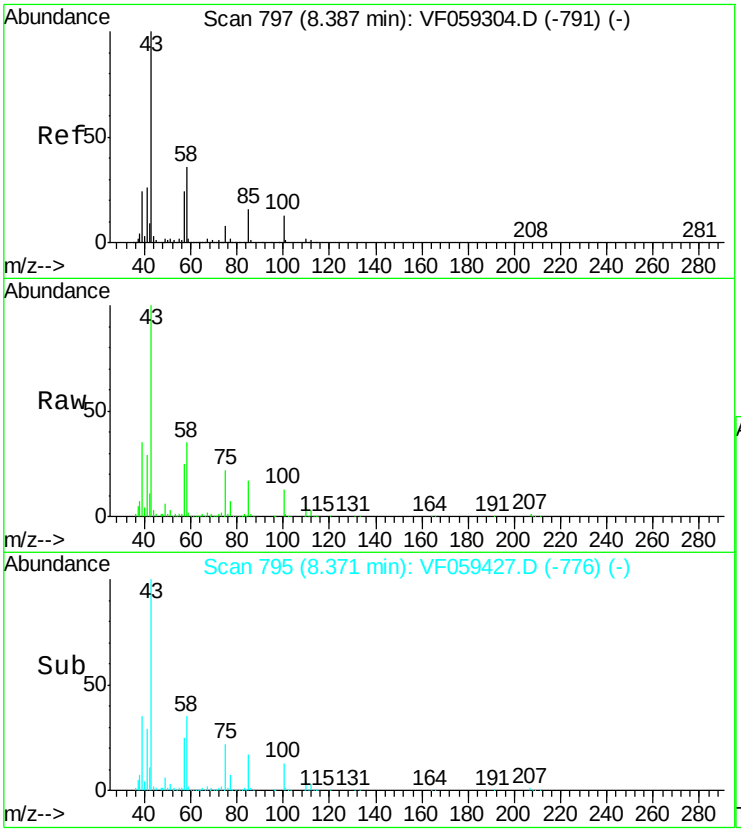




#50
Toluene-d8
Concen: 48.104 ug/l
RT: 7.67 min Scan# 724
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 98 Resp: 351004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 61.9 | 54.6 | 82.0 |



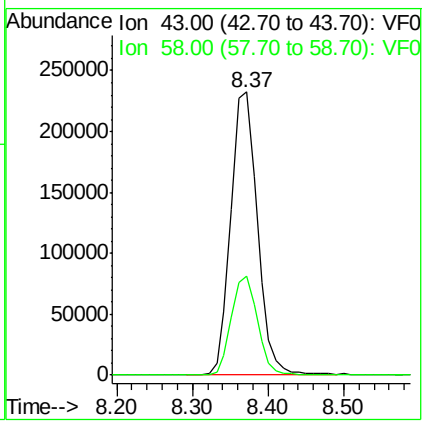


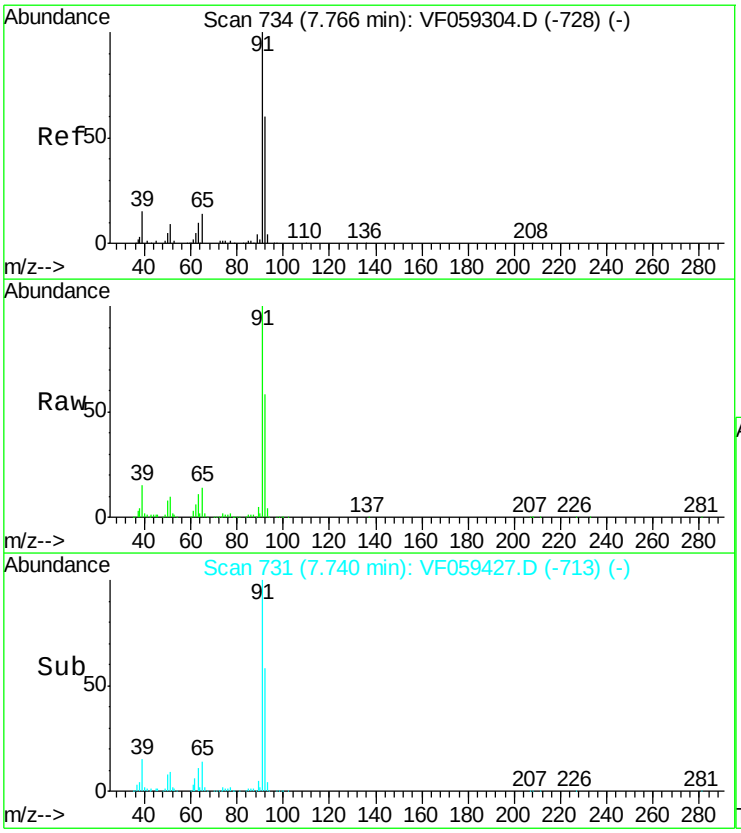

#51
4-Methyl-2-Pentanone
Concen: 258.747 ug/l
RT: 8.37 min Scan# 795
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 43 Resp: 562611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.9 | 28.4 | 42.6 |

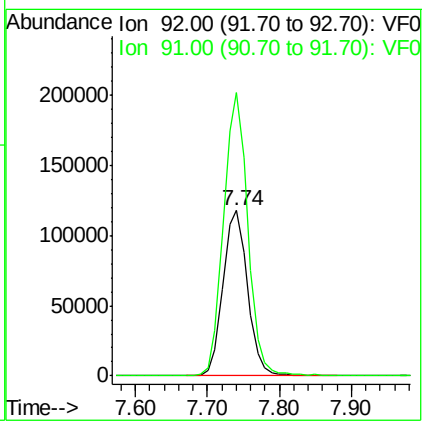


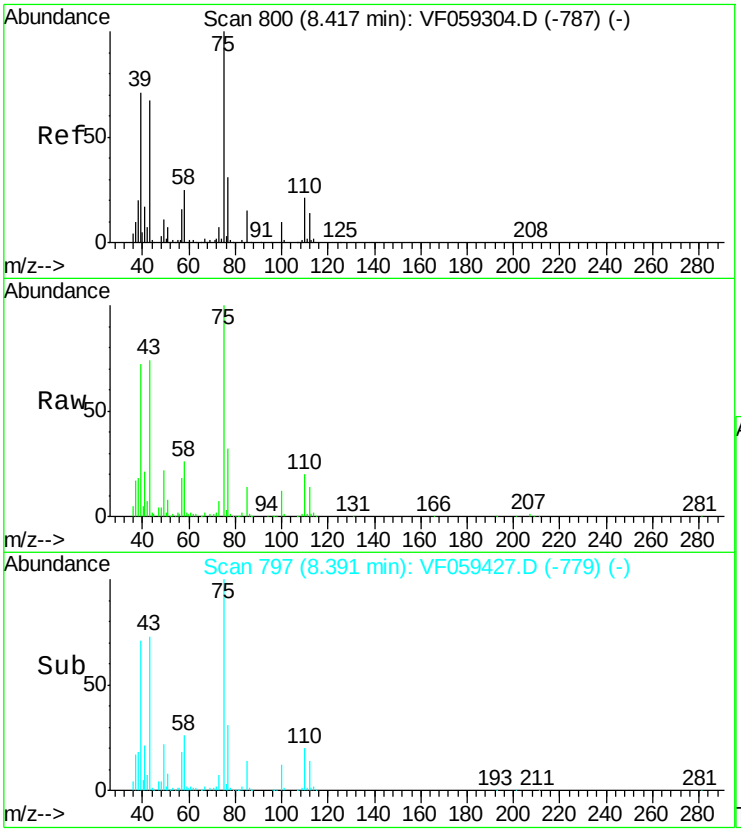




#52
Toluene
Concen: 47.785 ug/l
RT: 7.74 min Scan# 731
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 92 Resp: 279346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 171.2 | 132.8 | 199.2 |



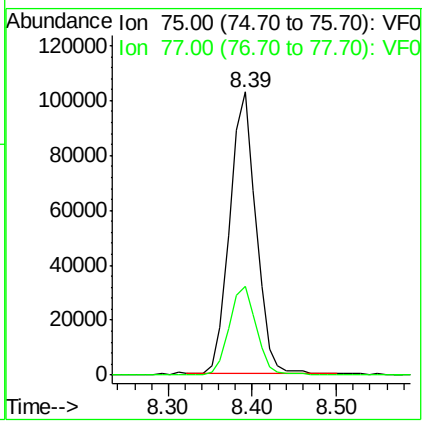


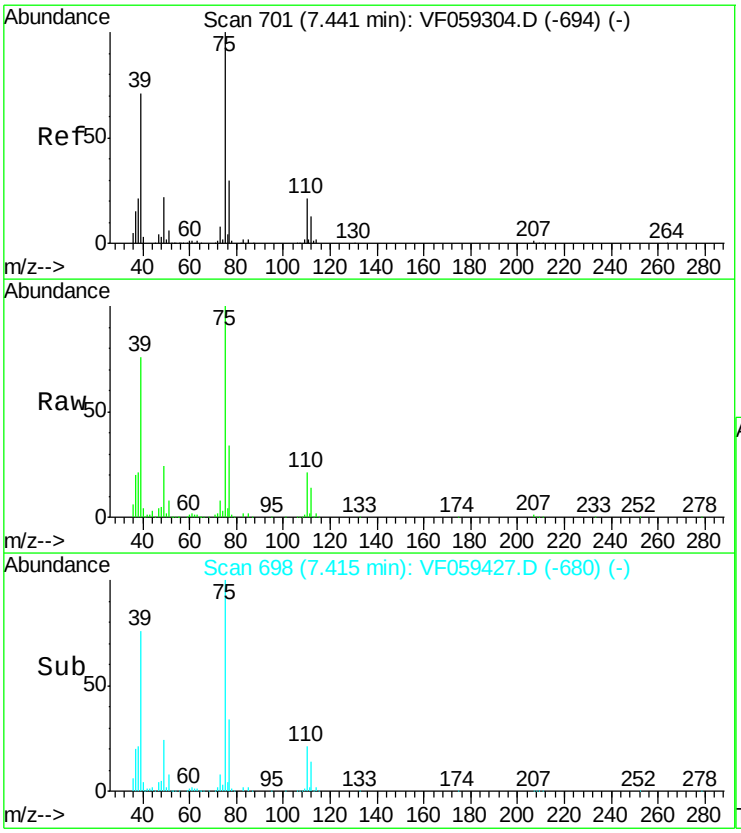

#53
t-1,3-Dichloropropene
Concen: 52.026 ug/l
RT: 8.39 min Scan# 797
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 75 Resp: 222397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.5 | 25.3 | 37.9 |

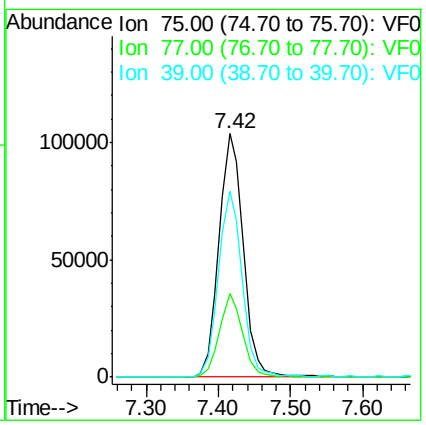


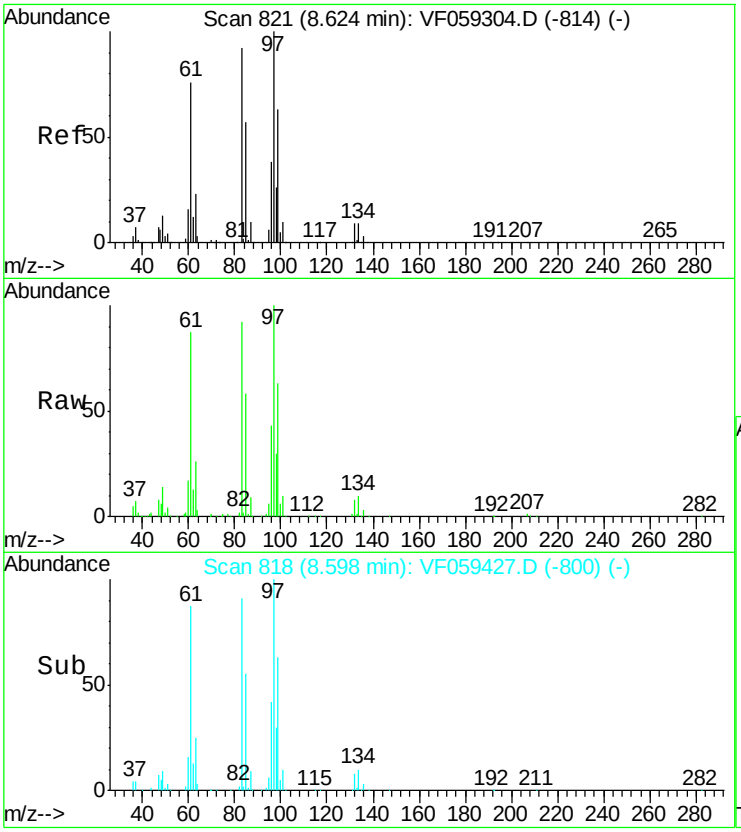




#54
cis-1,3-Dichloropropene
Concen: 52.208 ug/l
RT: 7.42 min Scan# 698
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 75 Resp: 242414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.2 | 24.3 | 36.5 |
| 39 | 76.5 | 57.2 | 85.8 |



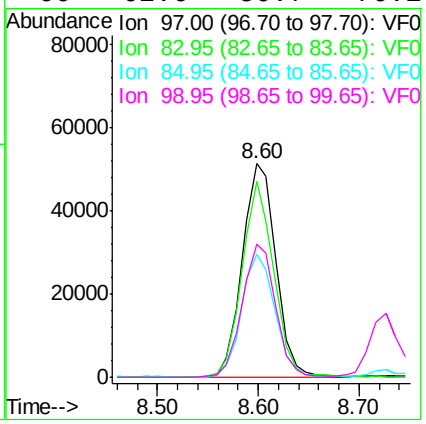


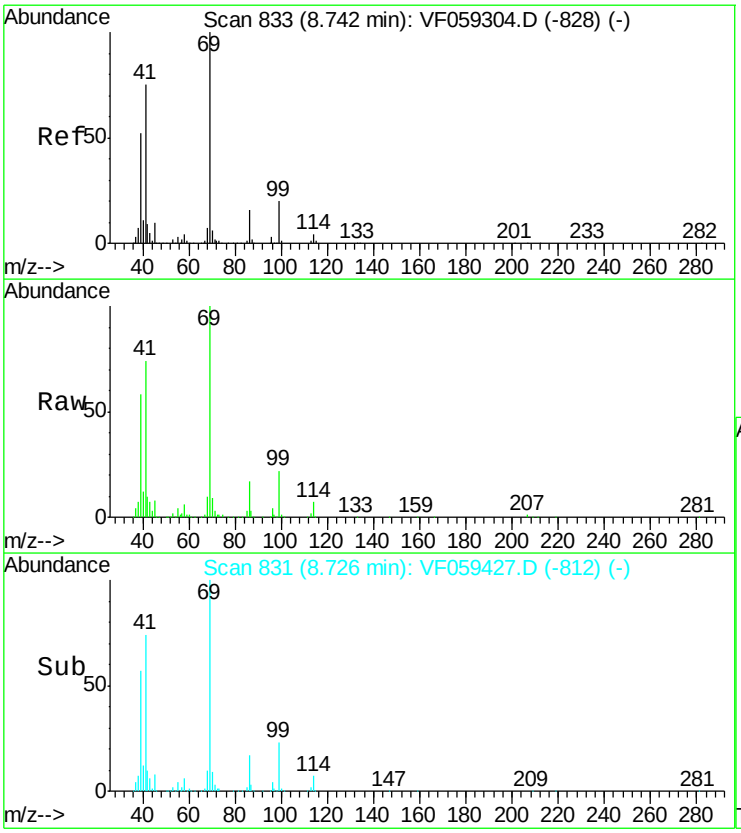

#55
1,1,2-Trichloroethane
Concen: 52.395 ug/l
RT: 8.60 min Scan# 818
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 97 Resp: 118924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 91.5 | 73.8 | 110.8 |
| 85 | 57.7 | 45.5 | 68.3 |
| 99 | 62.6 | 50.7 | 76.1 |

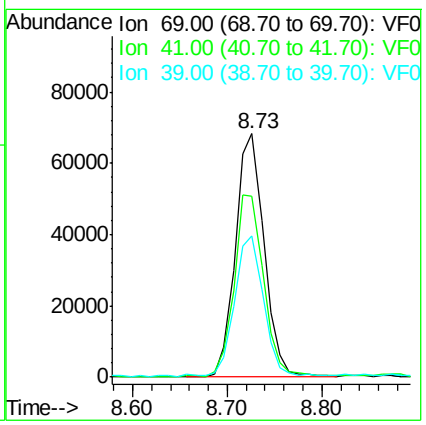


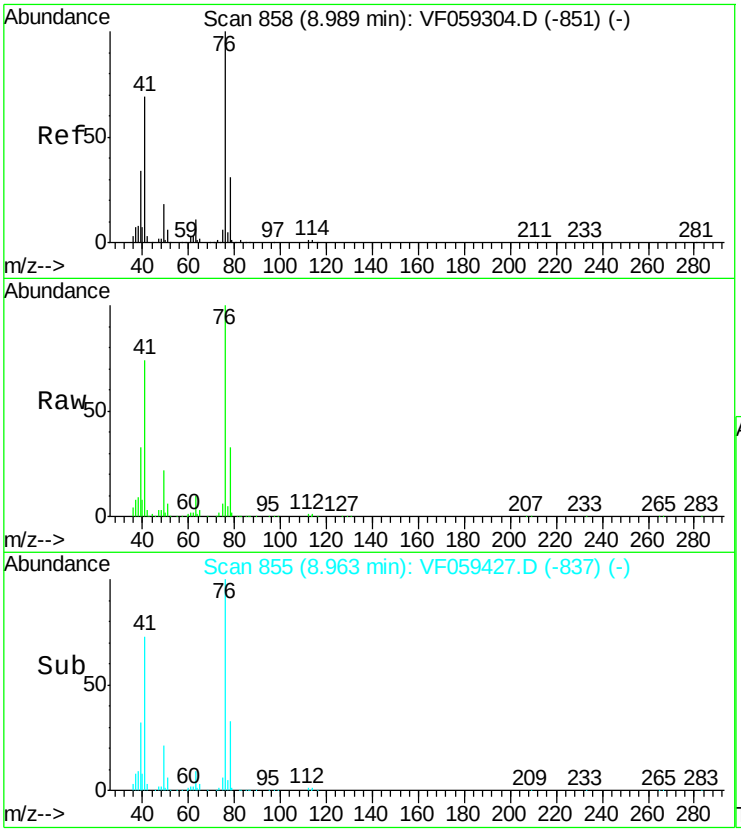




#56
Ethyl methacrylate
Concen: 51.045 ug/l
RT: 8.73 min Scan# 831
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 69 Resp: 143524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 74.4 | 60.3 | 90.5 |
| 39 | 58.2 | 42.2 | 63.4 |



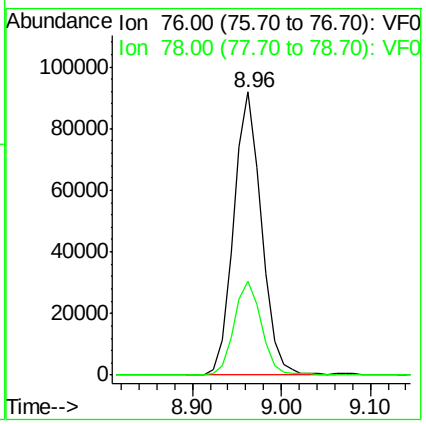


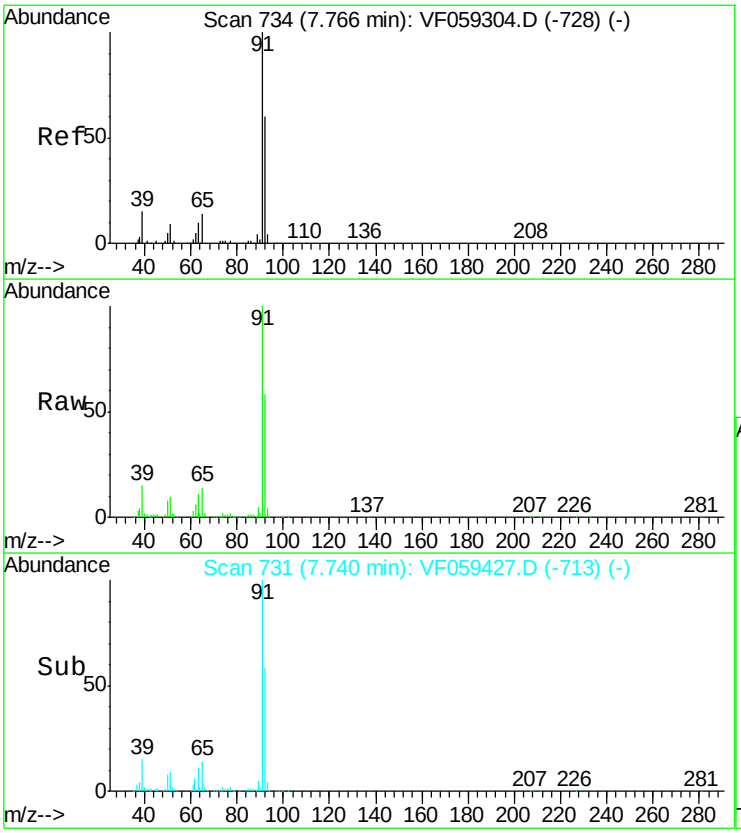

#57
1,3-Dichloropropane
Concen: 51.429 ug/l
RT: 8.96 min Scan# 855
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 76 Resp: 200201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 33.2 | 24.9 | 37.3 |

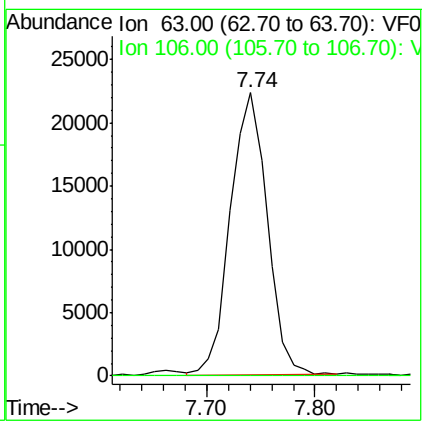


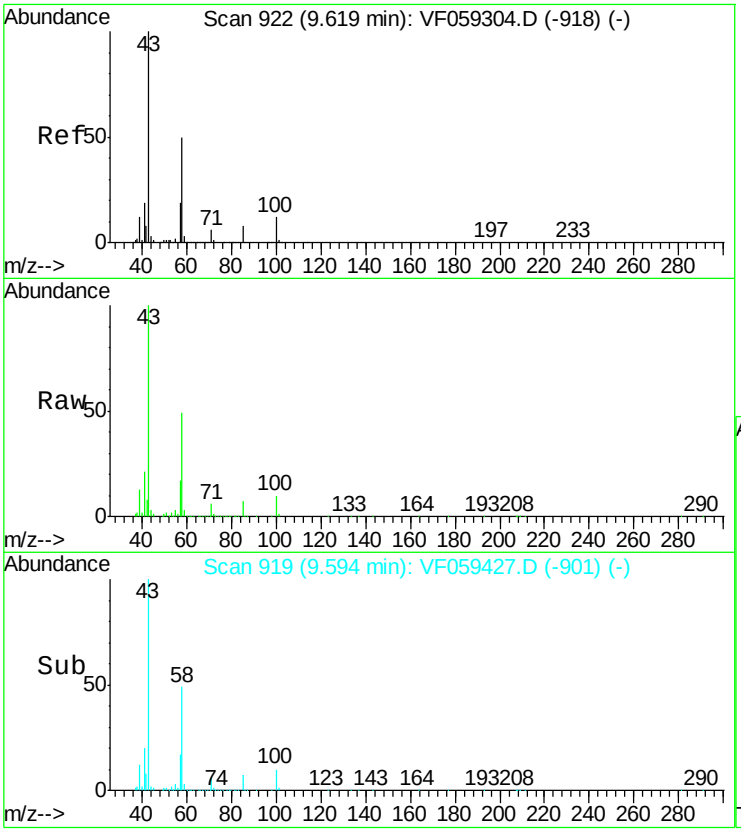




#58
2-Chloroethyl Vinyl ether
Concen: 249.862 ug/l
RT: 7.74 min Scan# 731
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 63 Resp: 52690

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



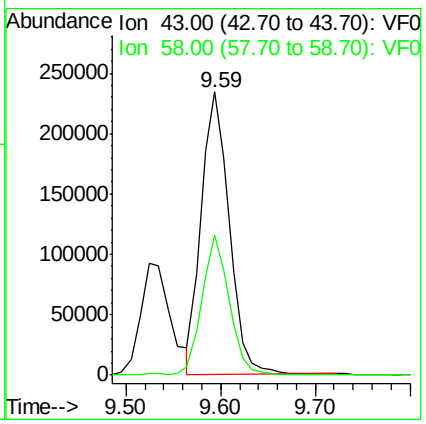


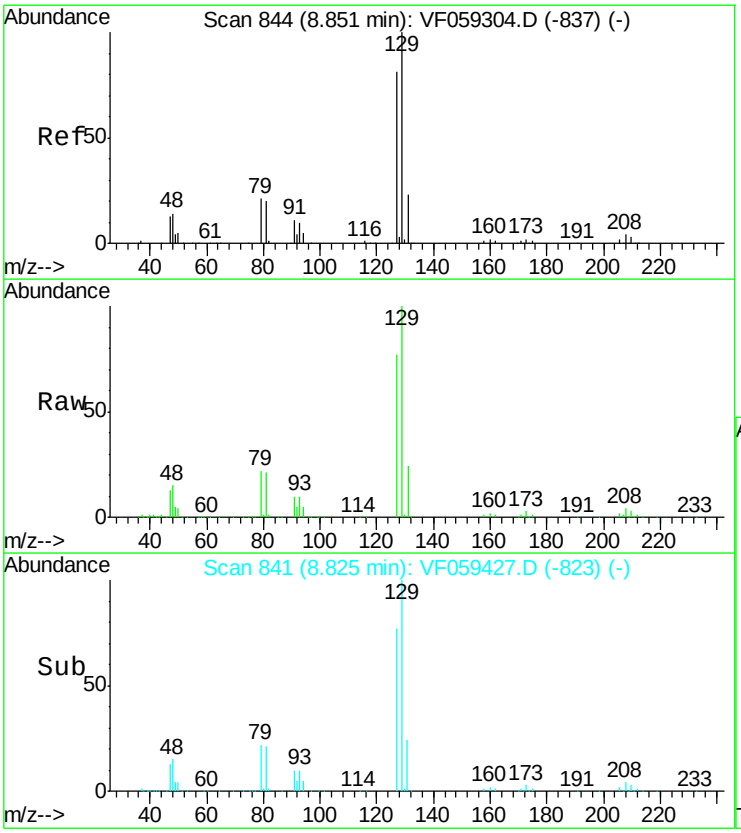

#59
2-Hexanone
Concen: 298.315 ug/l
RT: 9.59 min Scan# 919
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 43 Resp: 481967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 49.4 | 23.3 | 69.9 |

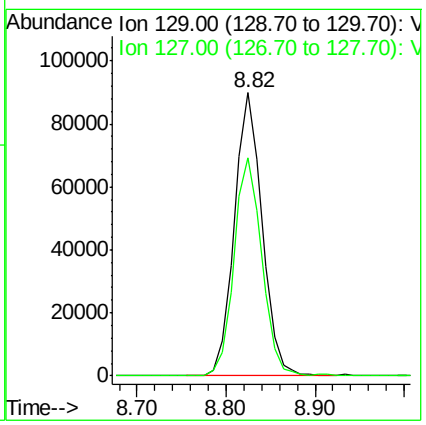


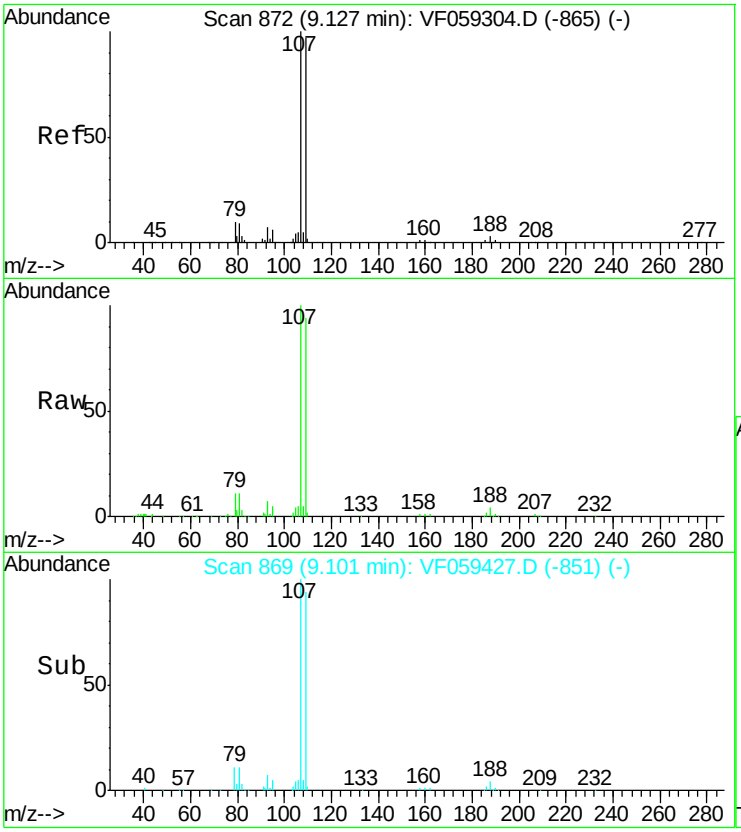




#60
Dibromochloromethane
Concen: 55.944 ug/l
RT: 8.82 min Scan# 841
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion:129 Resp: 196035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.1 | 40.7 | 122.1 |



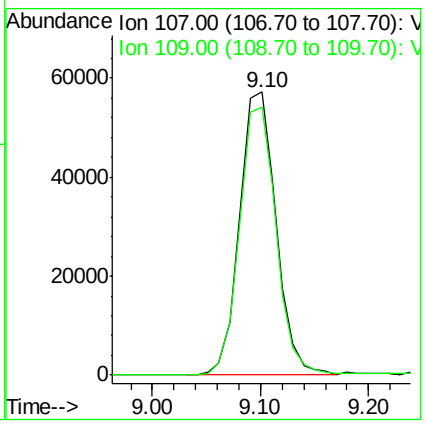


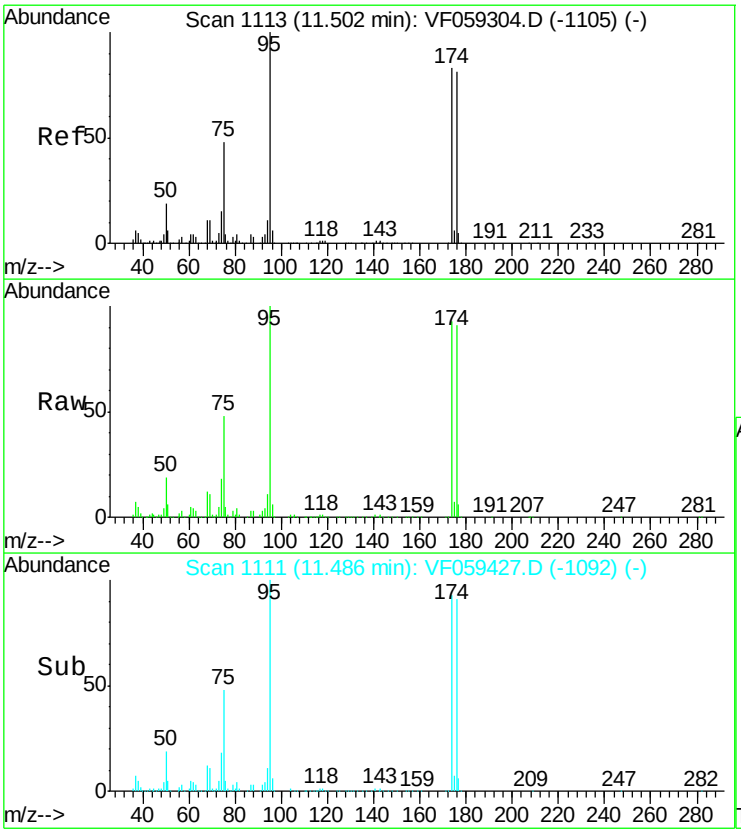

#61
1,2-Dibromoethane
Concen: 48.911 ug/l
RT: 9.10 min Scan# 869
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion:107 Resp: 134638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.5 | 77.3 | 115.9 |

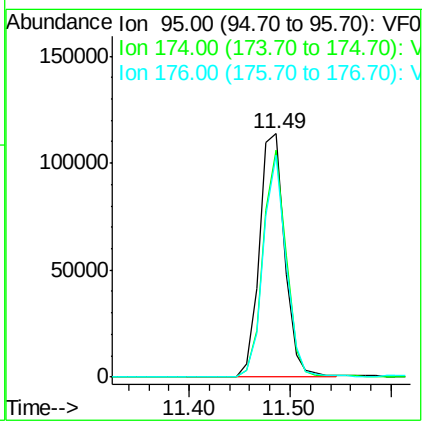


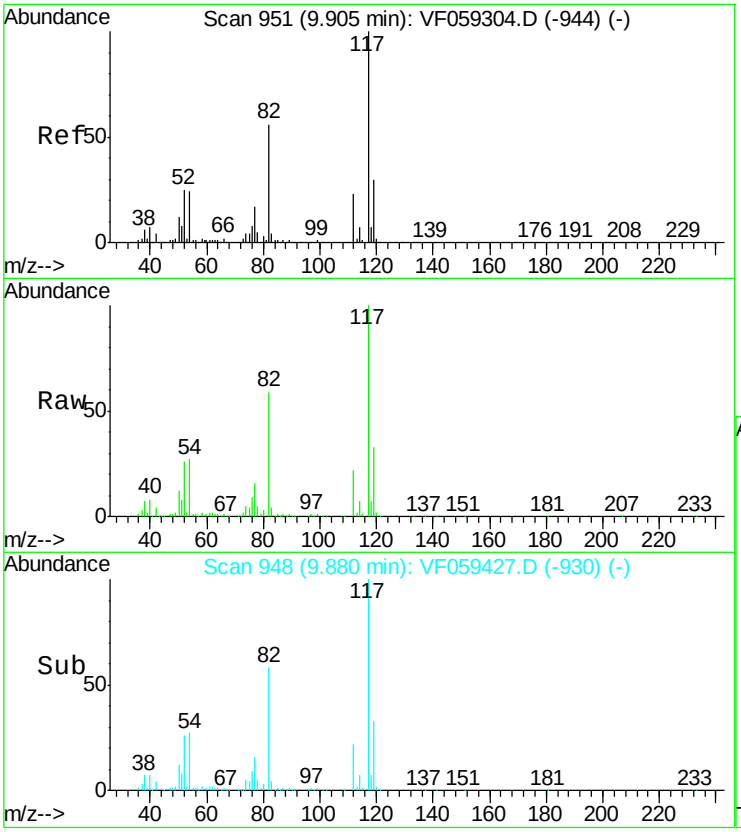




#62
4-Bromofluorobenzene
Concen: 48.438 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 95 Resp: 199372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 93.0 | 0.0 | 165.2 |
| 176 | 91.3 | 0.0 | 161.0 |



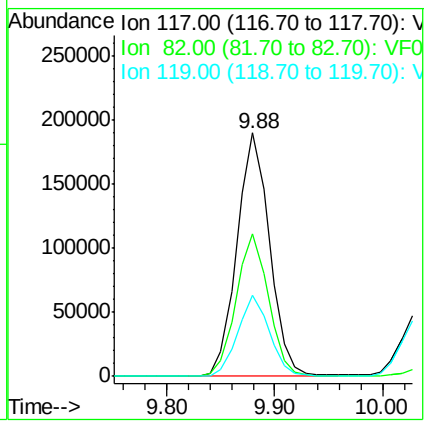


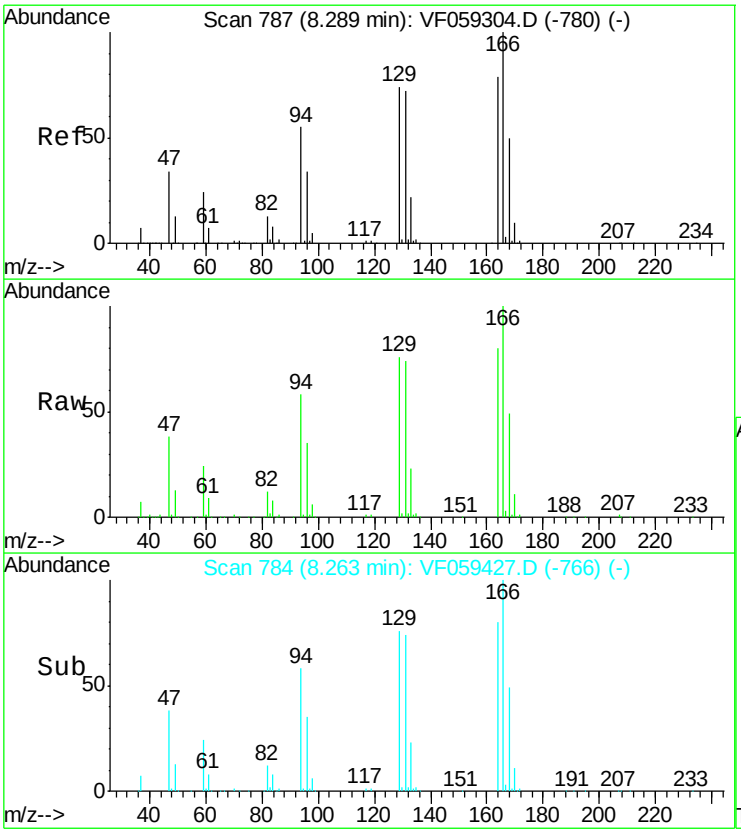

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.88 min Scan# 948
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion:117 Resp: 399632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 58.5 | 44.6 | 66.8 |
| 119 | 33.3 | 24.1 | 36.1 |

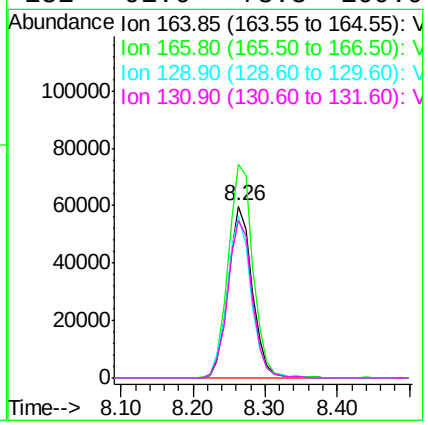


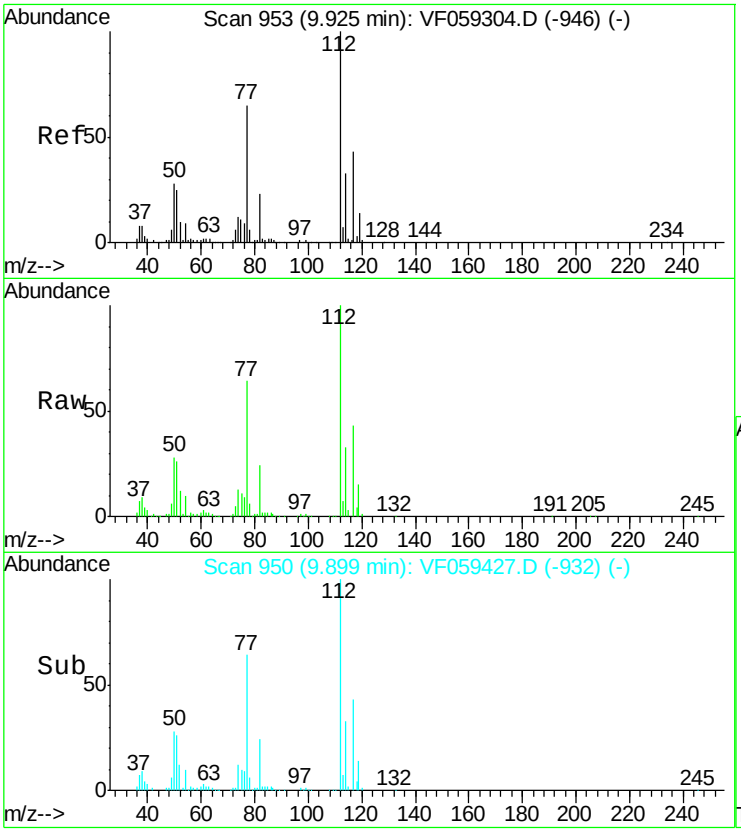




#64
Tetrachloroethene
Concen: 53.528 ug/l
RT: 8.26 min Scan# 784
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion:164 Resp: 138740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 124.3 | 101.1 | 151.7 |
| 129 | 93.9 | 75.0 | 112.4 |
| 131 | 91.6 | 73.3 | 109.9 |



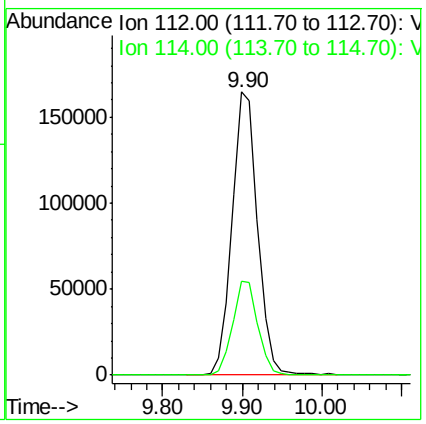


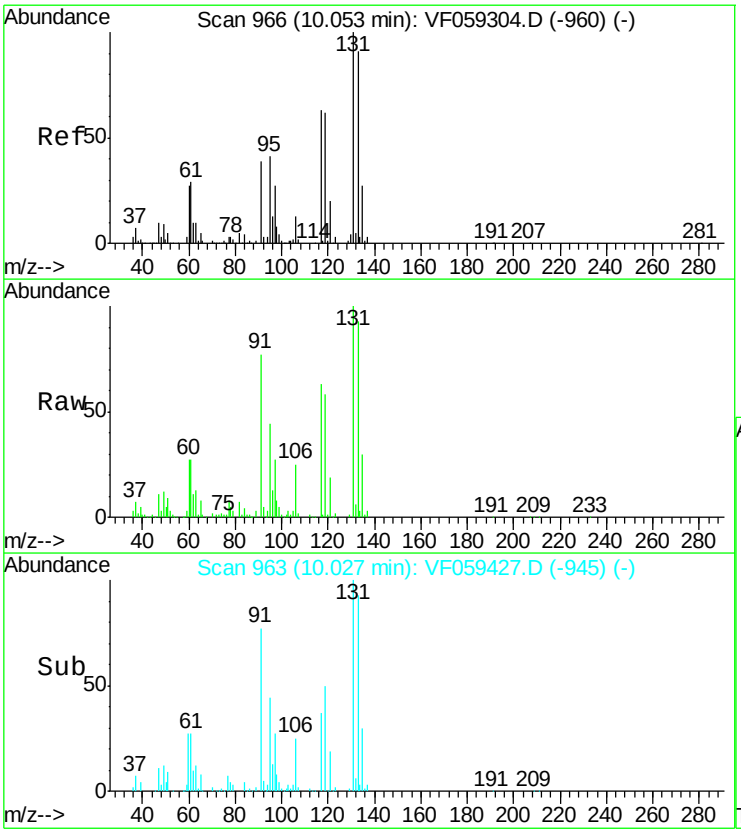

#65
Chlorobenzene
Concen: 49.953 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion:112 Resp: 369912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 33.1 | 26.5 | 39.7 |

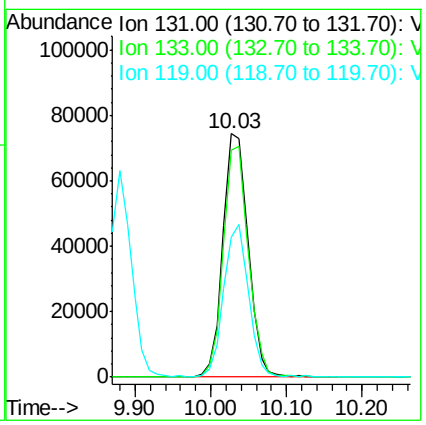


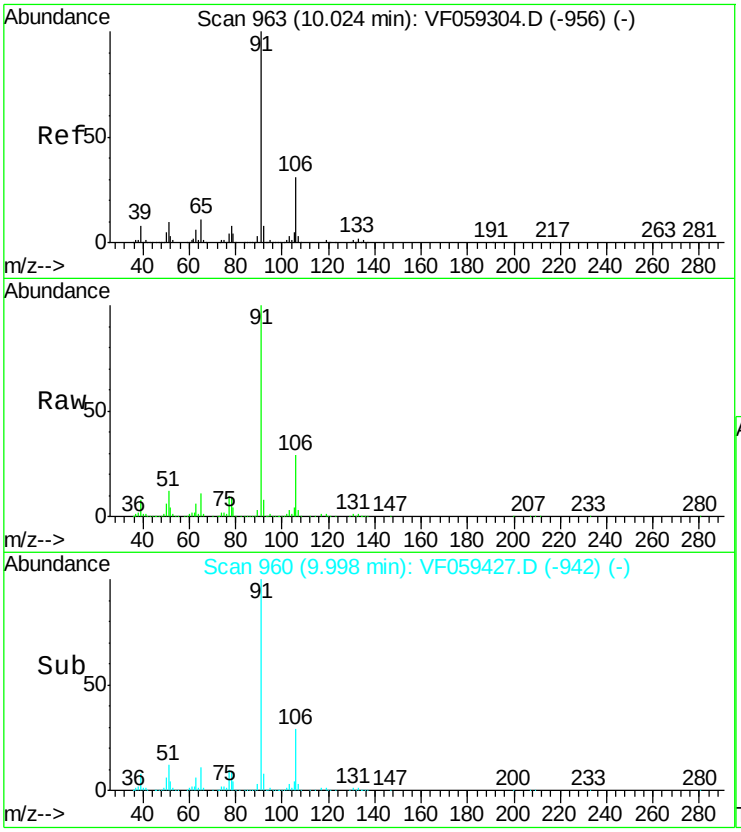




#66
1,1,1,2-Tetrachloroethane
Concen: 53.627 ug/l
RT: 10.03 min Scan# 963
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion:131 Resp: 171756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 93.4 | 45.3 | 135.9 |
| 119 | 57.7 | 31.3 | 93.9 |



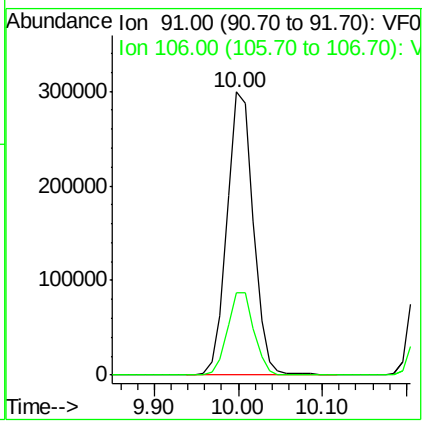


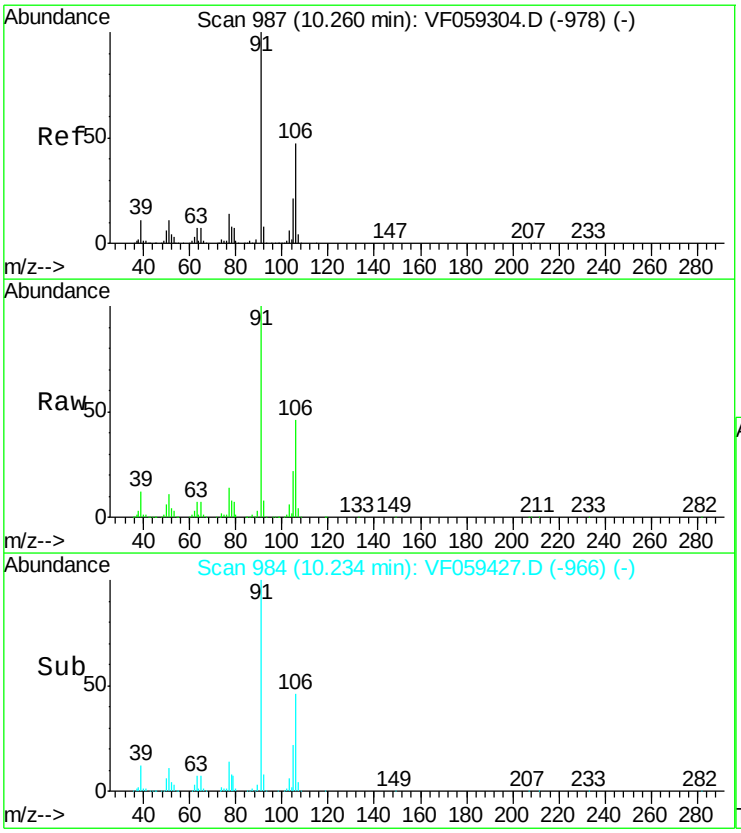

#67
Ethyl Benzene
Concen: 51.935 ug/l
RT: 10.00 min Scan# 960
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 91 Resp: 652432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.2 | 24.8 | 37.2 |

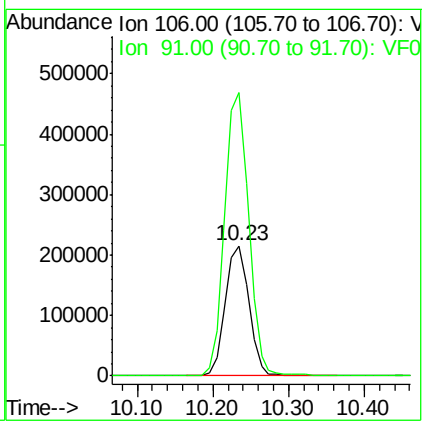


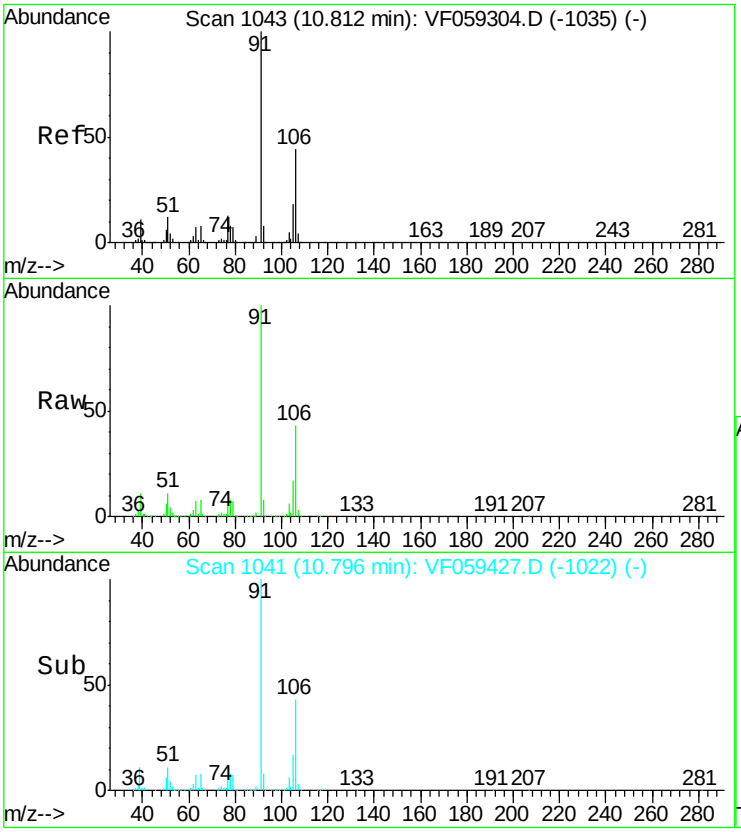




#68
m/p-Xylenes
Concen: 104.030 ug/l
RT: 10.23 min Scan# 984
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion:106 Resp: 465155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 217.9 | 170.8 | 256.2 |



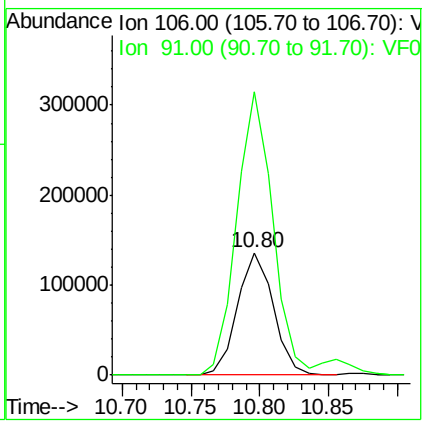


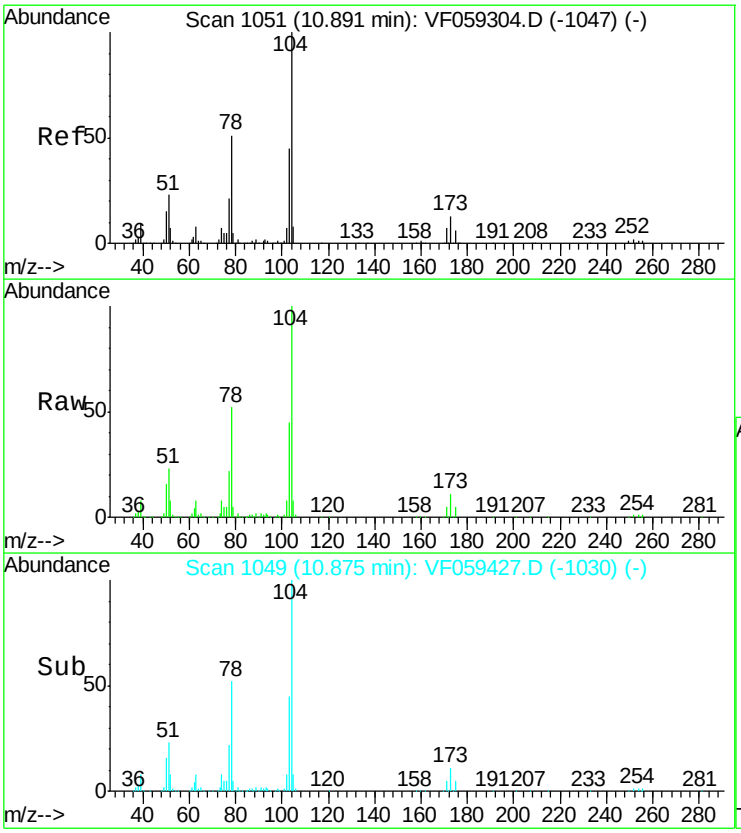

#69
o-Xylene
Concen: 49.686 ug/l
RT: 10.80 min Scan# 1041
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion:106 Resp: 248490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 230.8 | 114.6 | 343.6 |

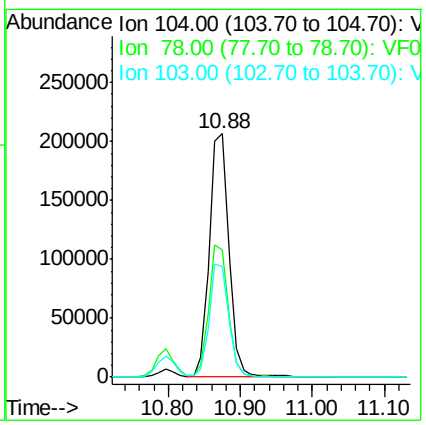


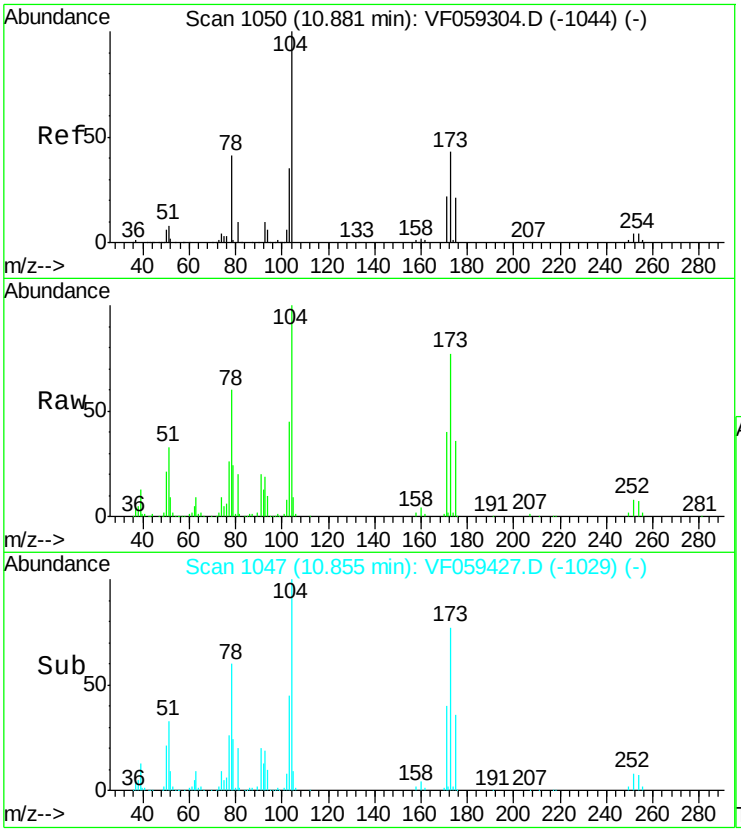




#70
Styrene
Concen: 50.457 ug/l
RT: 10.88 min Scan# 1049
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion:104 Resp: 384402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 52.2 | 40.9 | 61.3 |
| 103 | 45.4 | 36.5 | 54.7 |



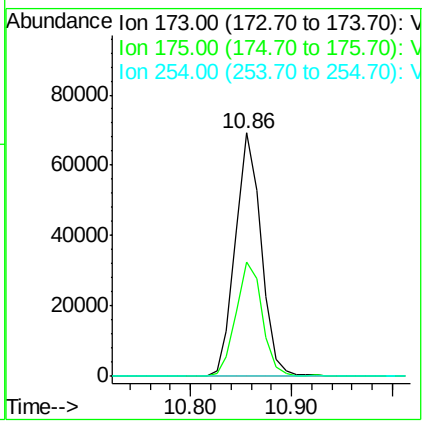


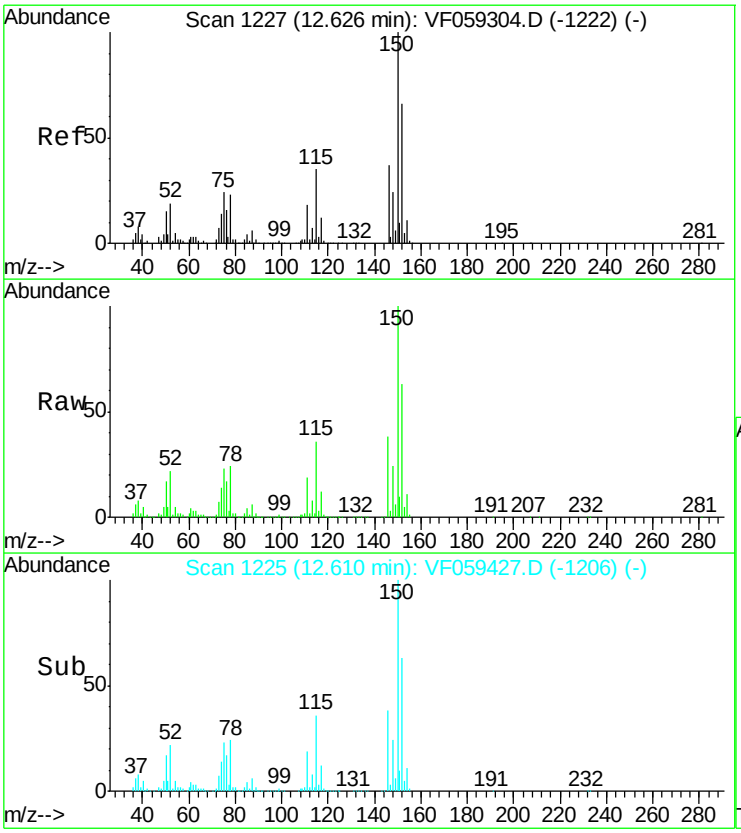

#71
Bromoform
Concen: 56.390 ug/l
RT: 10.86 min Scan# 1047
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion:173 Resp: 123790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 47.4 | 24.8 | 74.3 |
| 254 | 0.0 | 0.0 | 0.0 |

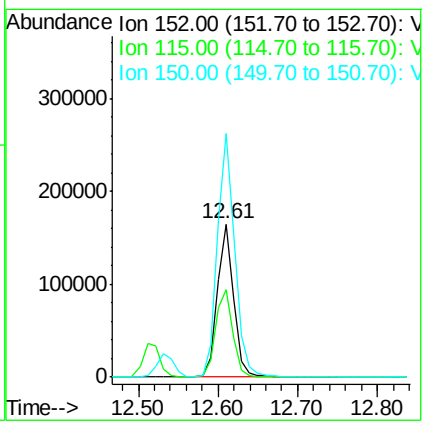


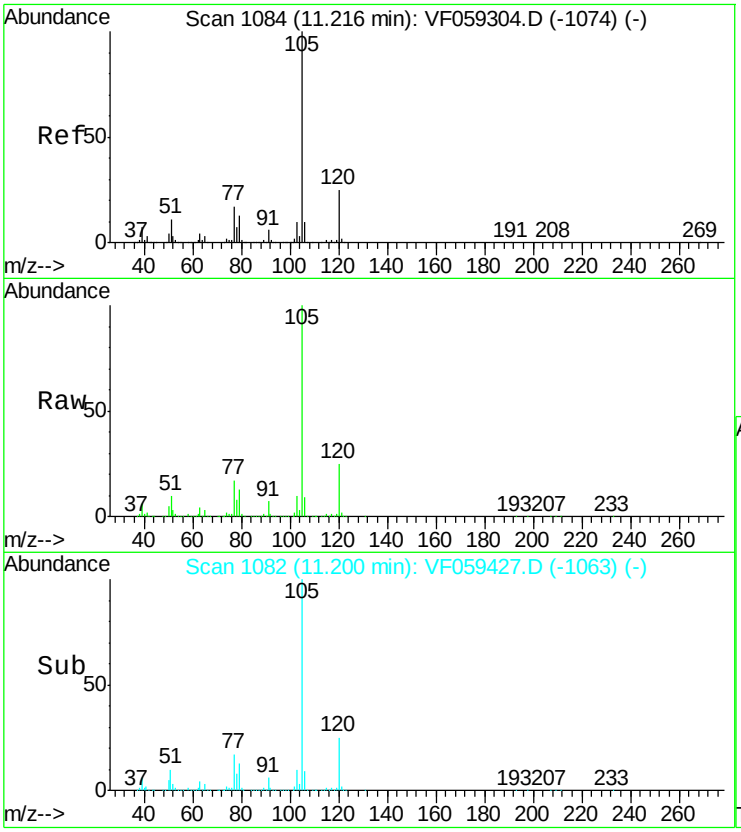




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion:152 Resp: 238379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 57.1 | 27.1 | 81.3 |
| 150 | 159.0 | 0.0 | 305.2 |



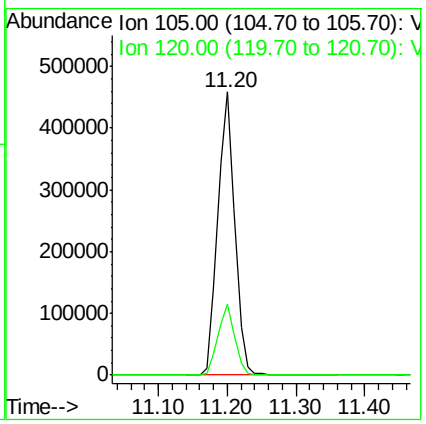


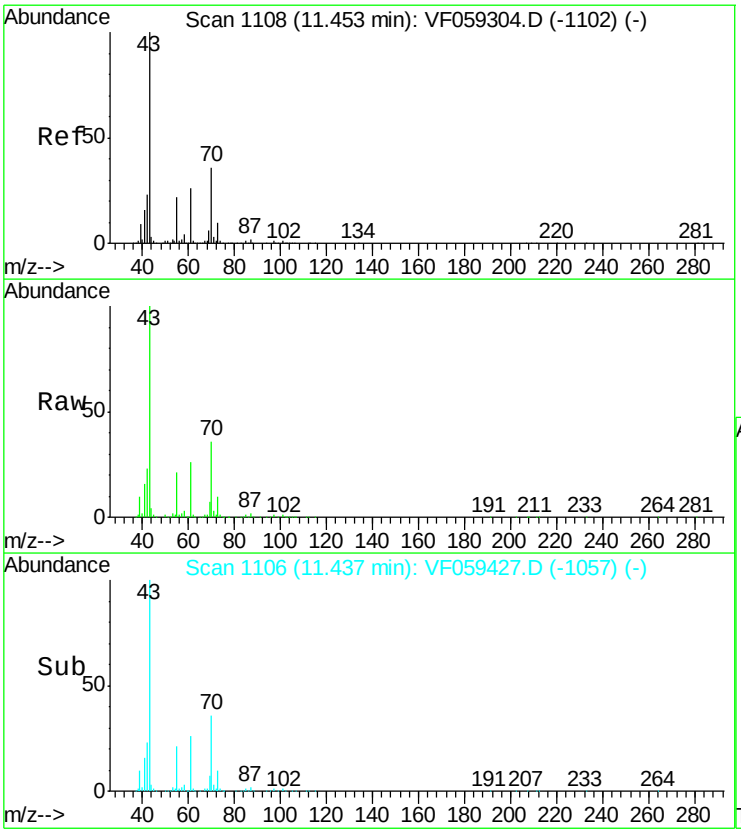

#73
Isopropylbenzene
Concen: 56.773 ug/l
RT: 11.20 min Scan# 1082
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion:105 Resp: 788423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 24.9 | 12.3 | 36.8 |

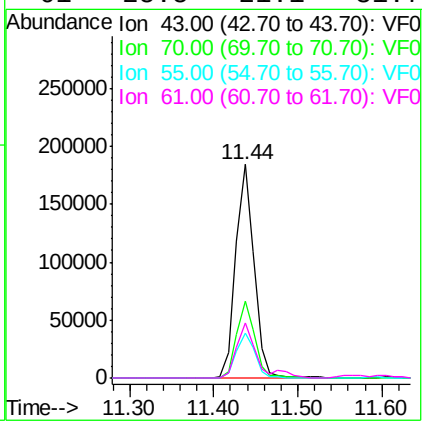


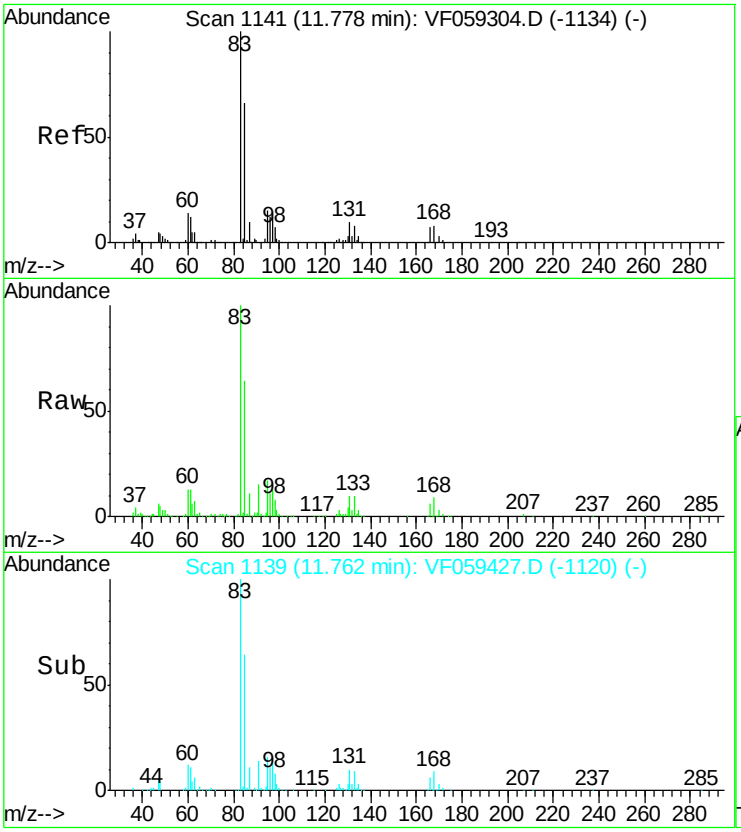




#74
N-amyl acetate
Concen: 55.608 ug/l
RT: 11.44 min Scan# 1106
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 43 Resp: 280241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 36.2 | 28.8 | 43.2 |
| 55 | 21.1 | 17.4 | 26.0 |
| 61 | 25.5 | 21.1 | 31.7 |



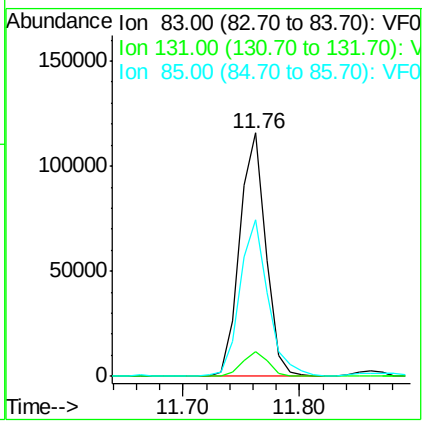


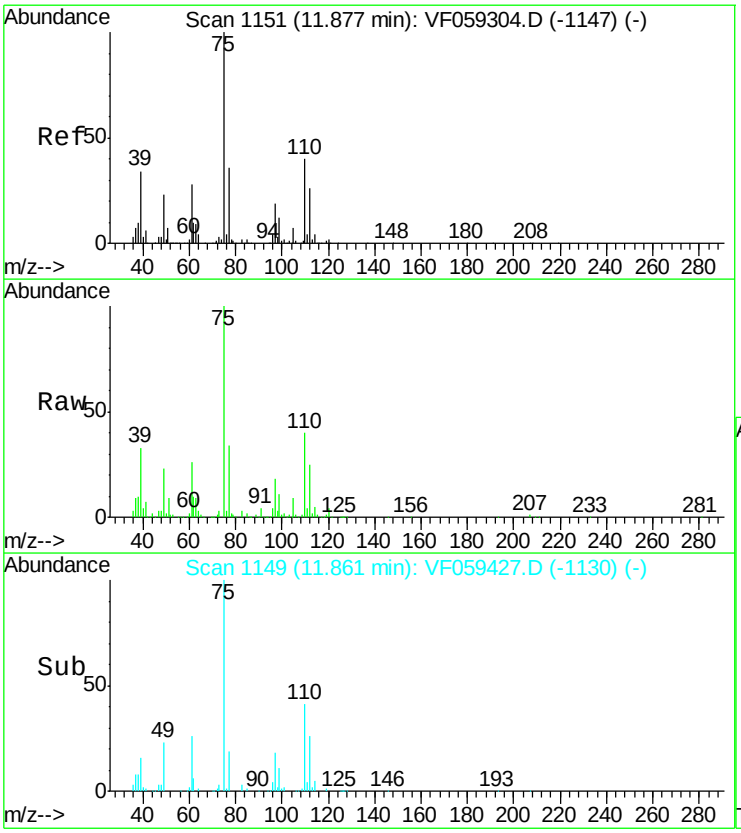

#75
1,1,2,2-Tetrachloroethane
Concen: 51.398 ug/l
RT: 11.76 min Scan# 1139
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 83 Resp: 180268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.0 | 4.9 | 14.6 |
| 85 | 64.4 | 32.8 | 98.4 |

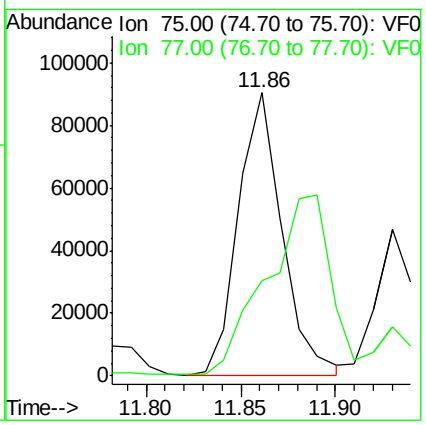


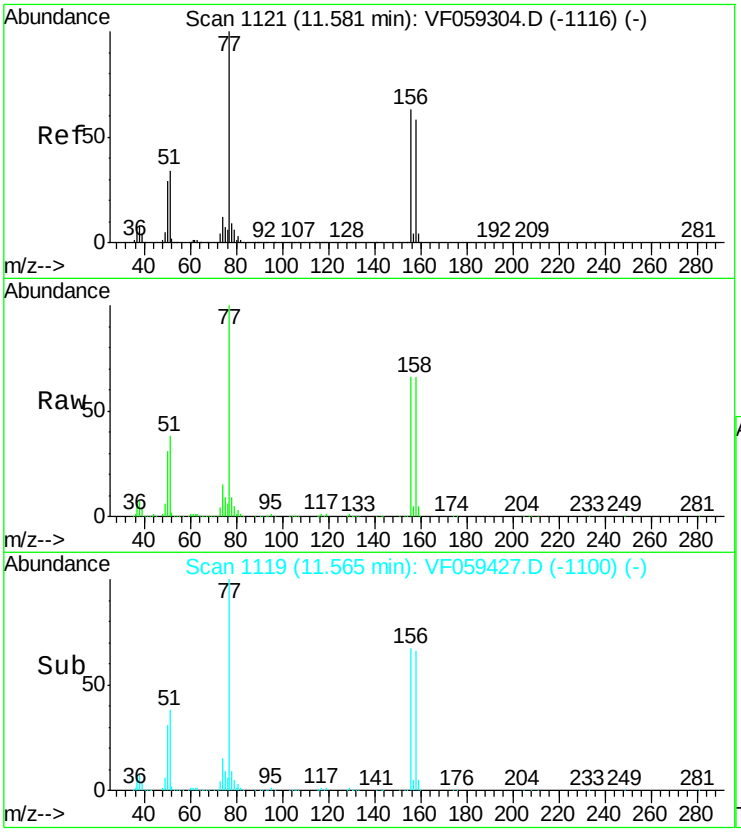




#76
1,2,3-Trichloropropane
Concen: 54.767 ug/l
RT: 11.86 min Scan# 1149
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 75 Resp: 144895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.6 | 18.0 | 54.0 |



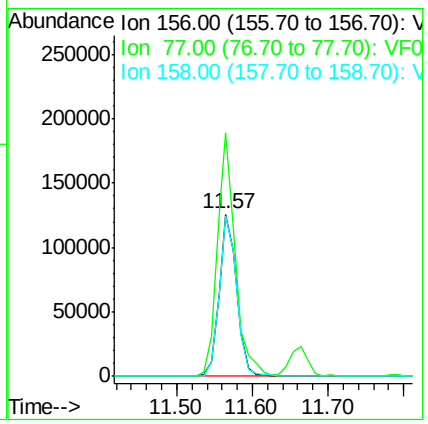


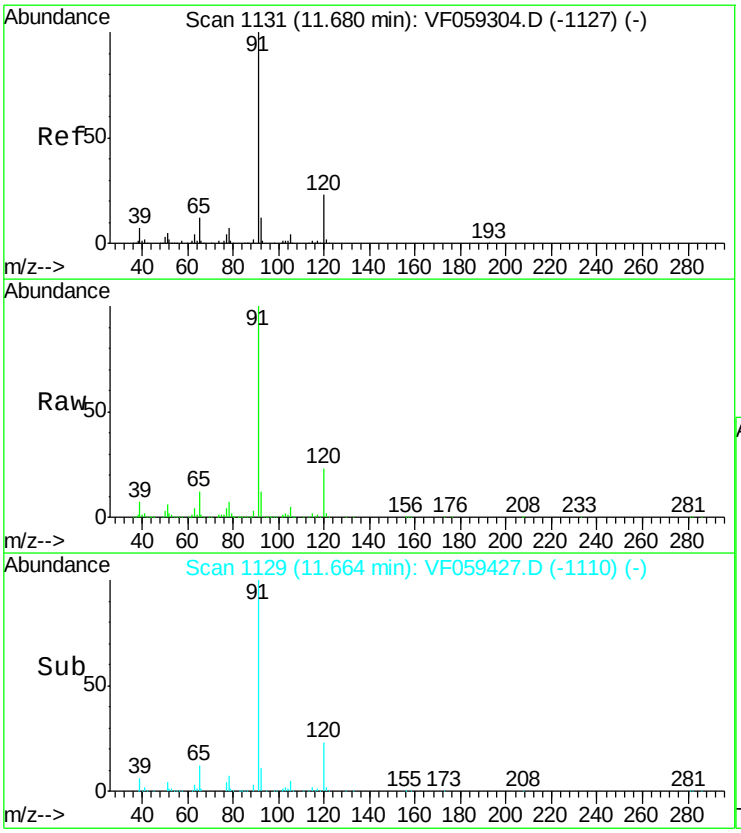

#77
Bromobenzene
Concen: 52.934 ug/l
RT: 11.57 min Scan# 1119
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion:156 Resp: 203950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 150.5 | 79.7 | 238.9 |
| 158 | 98.9 | 46.2 | 138.6 |

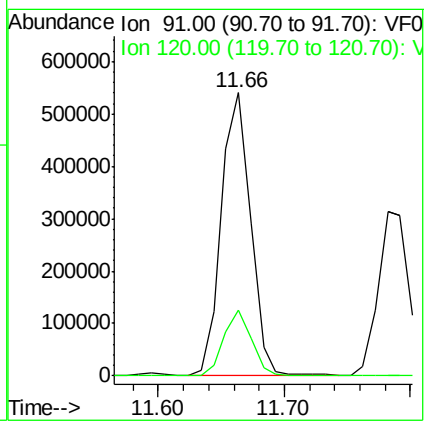


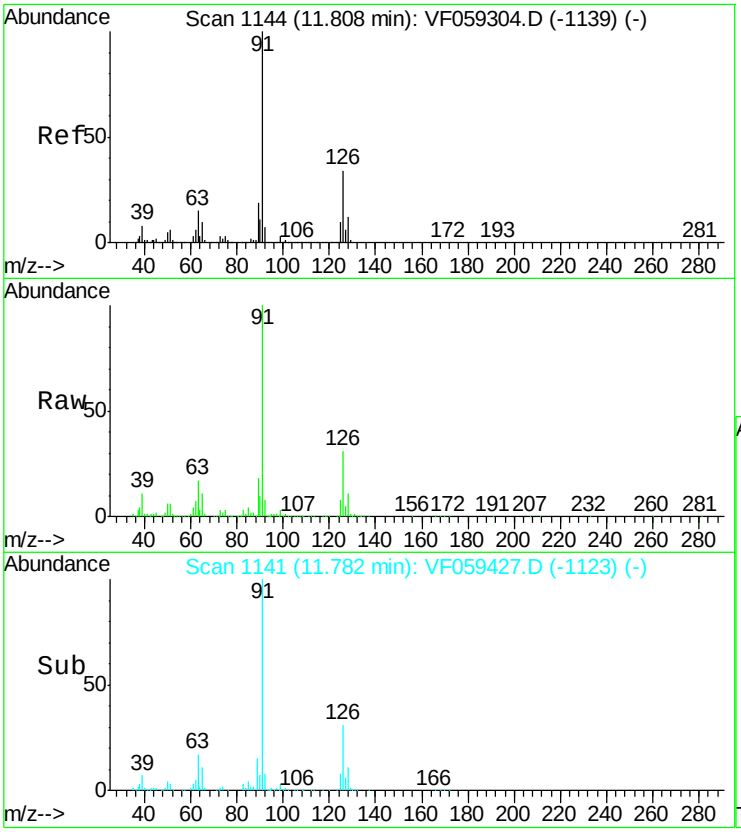




#78
n-propylbenzene
Concen: 51.982 ug/l
RT: 11.66 min Scan# 1129
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 91 Resp: 866960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.4 | 11.7 | 35.0 |



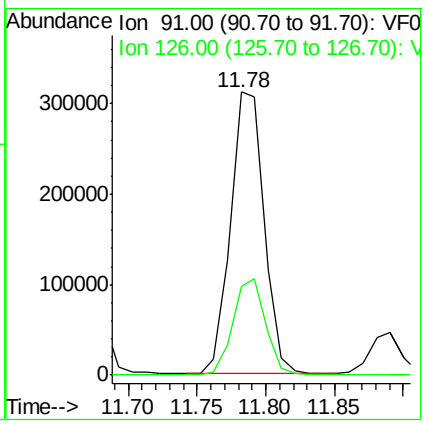


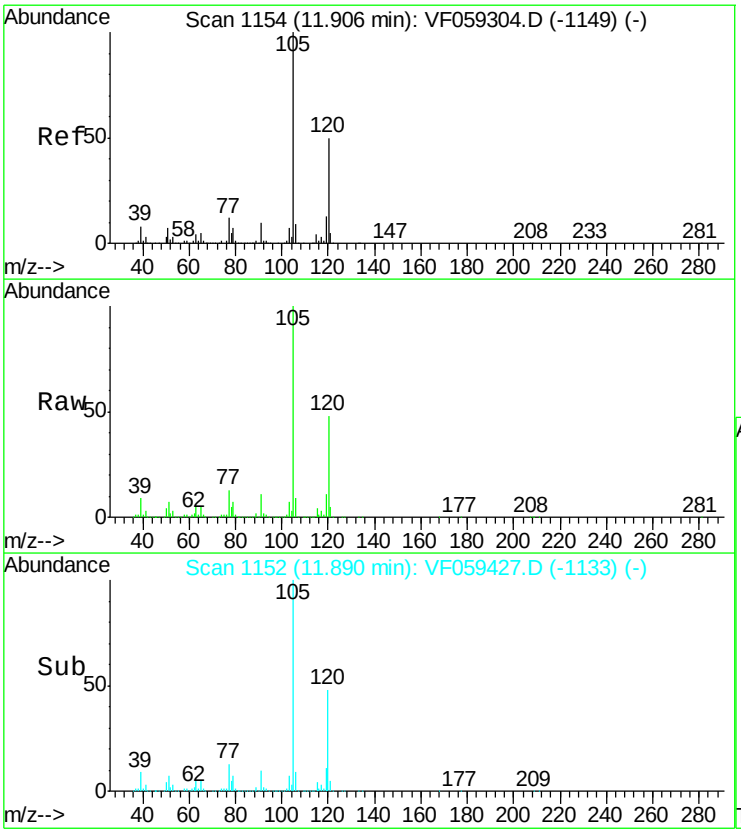

#79
2-Chlorotoluene
Concen: 51.904 ug/l
RT: 11.78 min Scan# 1141
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 91 Resp: 528881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.2 | 17.2 | 51.5 |

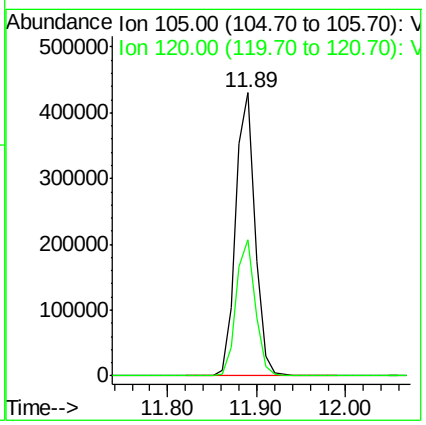


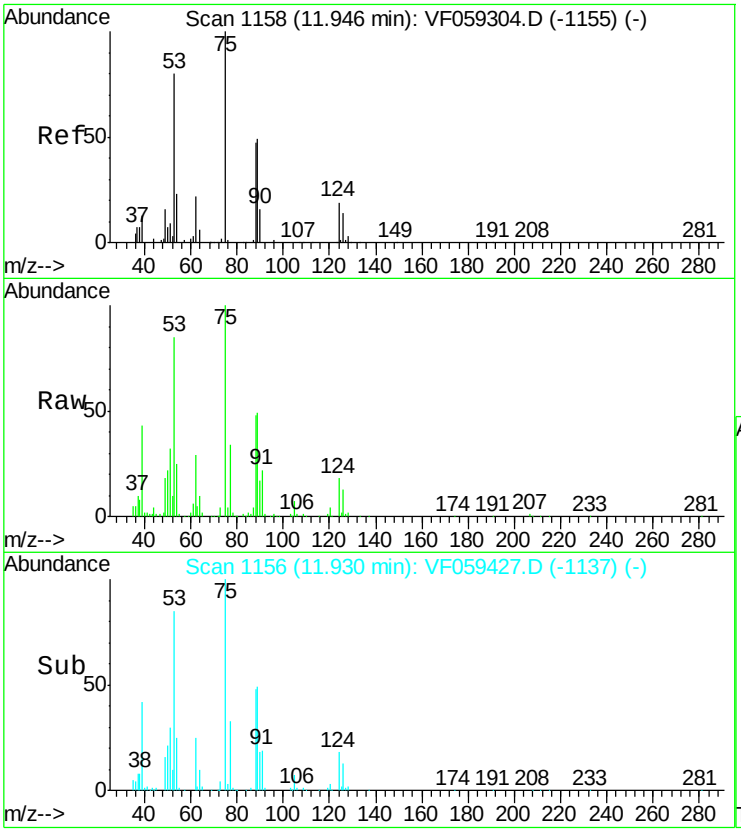




#80
1,3,5-Trimethylbenzene
Concen: 54.101 ug/l
RT: 11.89 min Scan# 1152
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion:105 Resp: 658128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.2 | 24.9 | 74.7 |



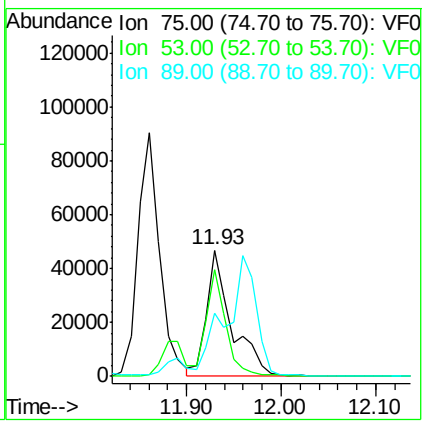


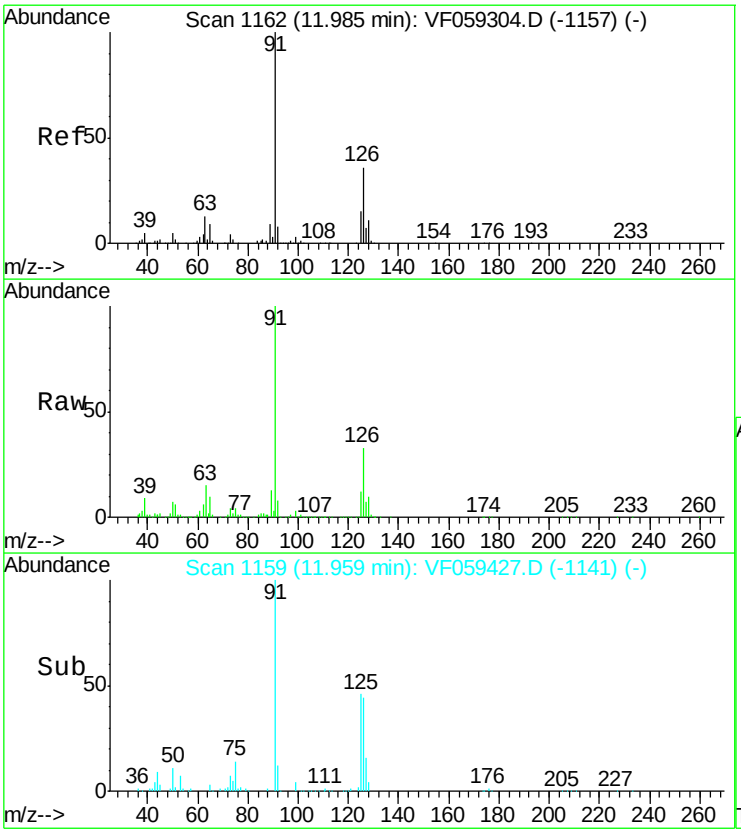

#81
trans-1,4-Dichloro-2-butene
Concen: 54.944 ug/l
RT: 11.93 min Scan# 1156
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 75 Resp: 86518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 84.6 | 68.8 | 103.2 |
| 89 | 49.5 | 42.0 | 63.0 |

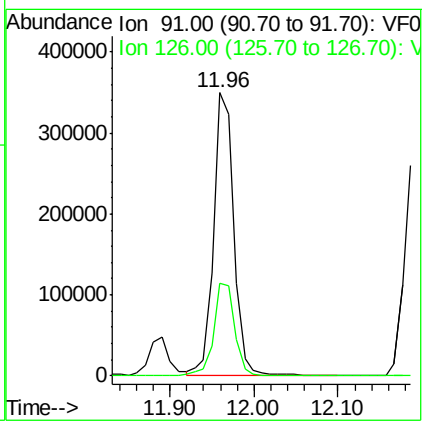


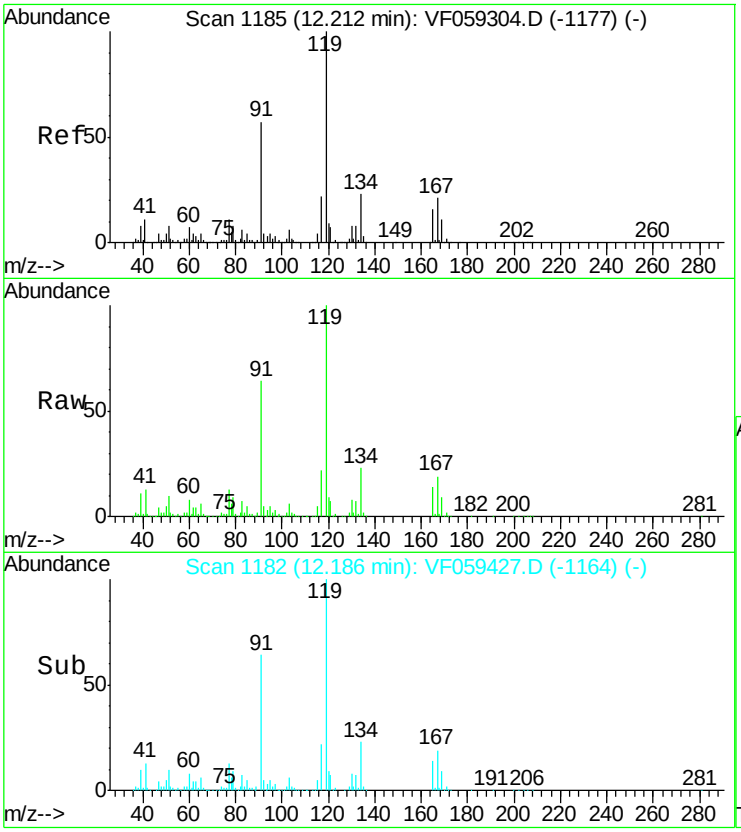




#82
4-Chlorotoluene
Concen: 52.803 ug/l
RT: 11.96 min Scan# 1159
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 91 Resp: 576304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.5 | 18.2 | 54.6 |



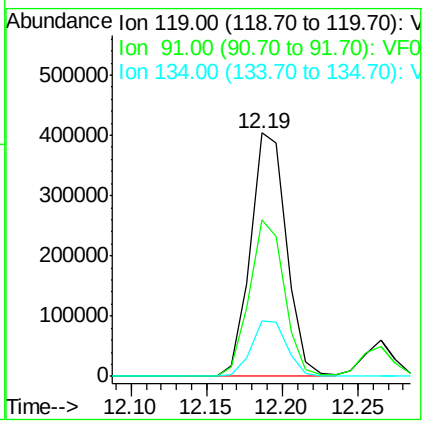


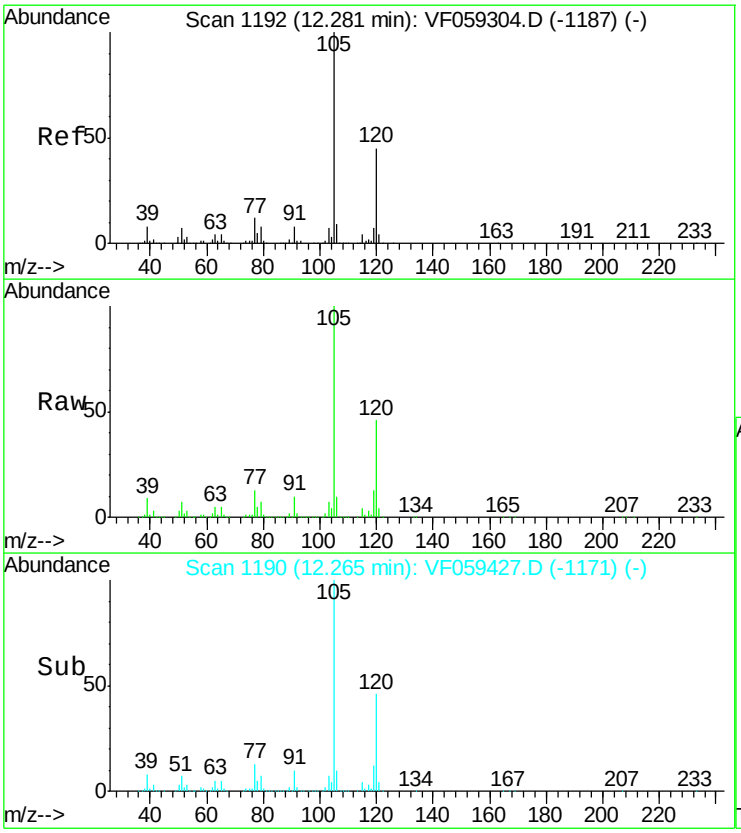

#83
tert-Butylbenzene
Concen: 55.419 ug/l
RT: 12.19 min Scan# 1182
Delta R.T. -0.03 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion:119 Resp: 674276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 64.5 | 28.4 | 85.2 |
| 134 | 22.6 | 11.7 | 35.1 |

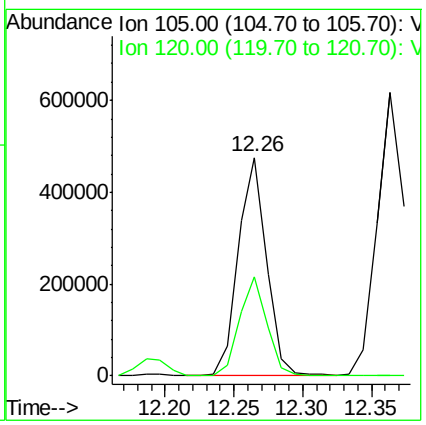


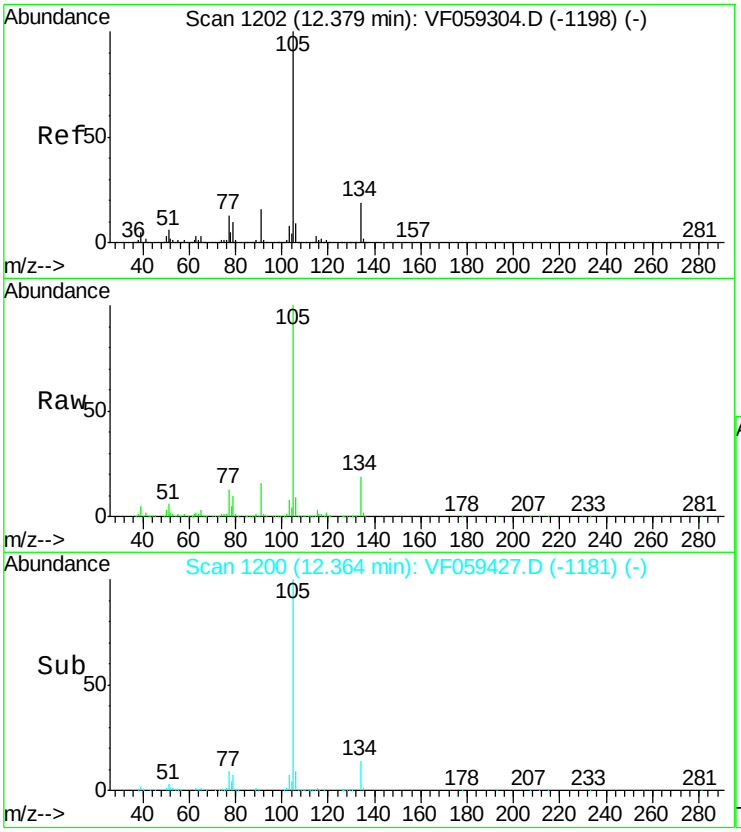




#84
1,2,4-Trimethylbenzene
Concen: 53.345 ug/l
RT: 12.26 min Scan# 1190
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion:105 Resp: 683442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.5 | 22.8 | 68.4 |



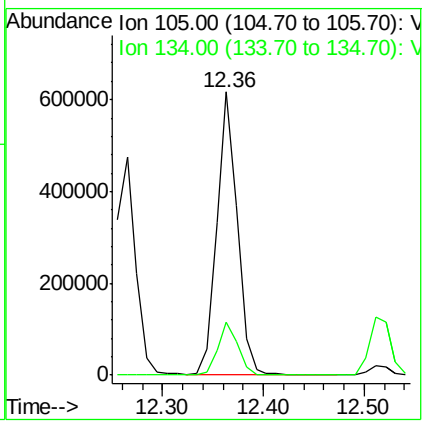


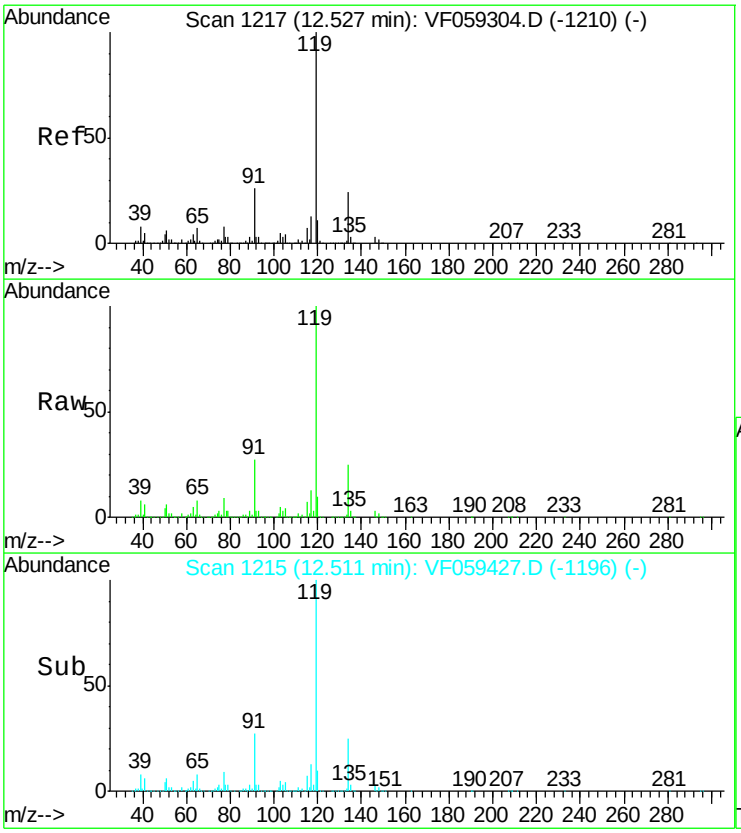

#85
sec-Butylbenzene
Concen: 54.247 ug/l
RT: 12.36 min Scan# 1200
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion:105 Resp: 874867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.8 | 9.4 | 28.3 |

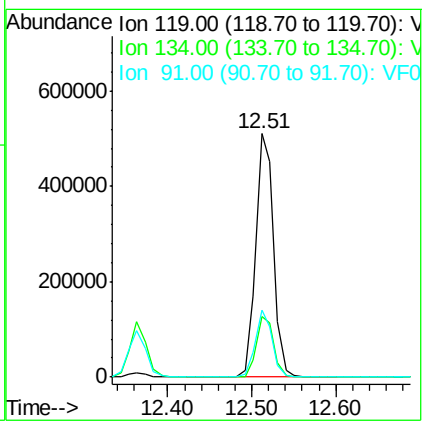


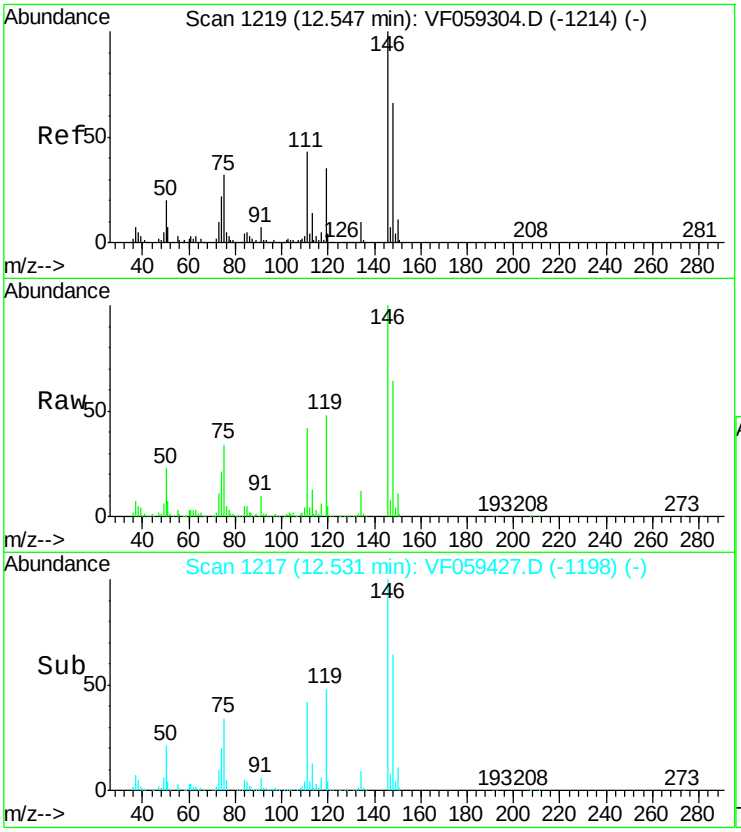




#86
p-Isopropyltoluene
Concen: 56.260 ug/l
RT: 12.51 min Scan# 1215
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion:119 Resp: 761448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 24.7 | 12.2 | 36.4 |
| 91 | 27.3 | 12.9 | 38.6 |



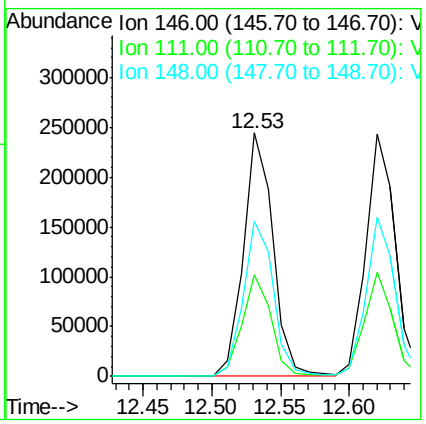


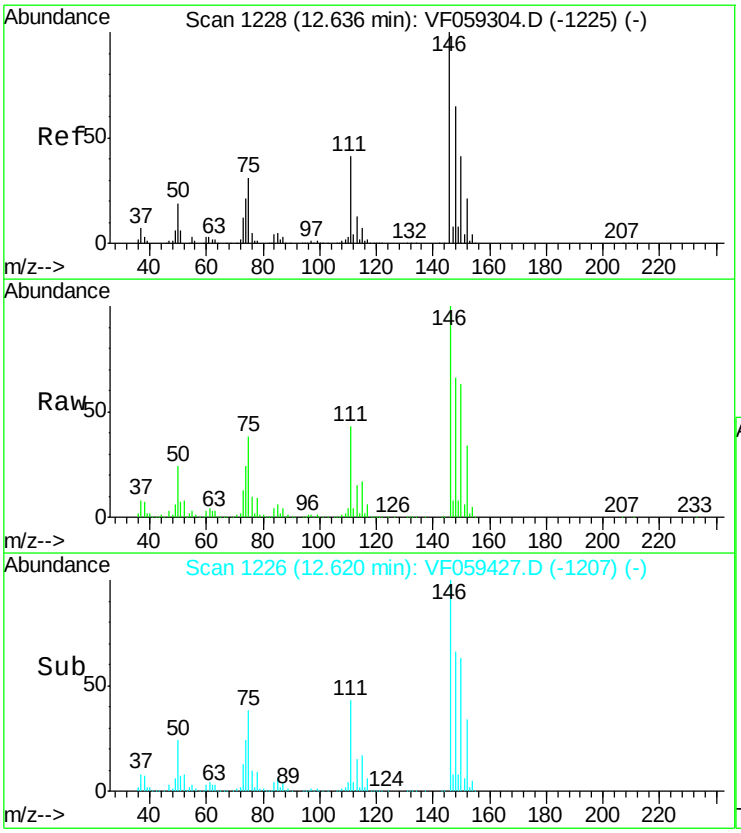

#87
1,3-Dichlorobenzene
Concen: 58.600 ug/l
RT: 12.53 min Scan# 1217
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion:146 Resp: 367740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.8 | 21.4 | 64.2 |
| 148 | 63.8 | 32.8 | 98.4 |

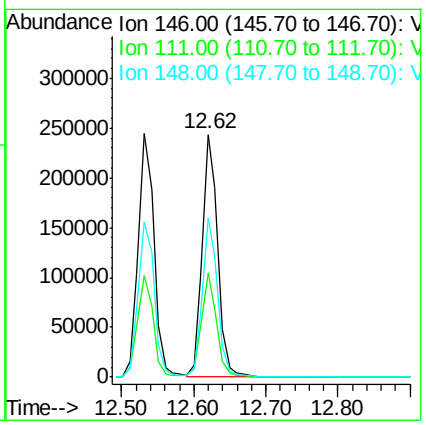


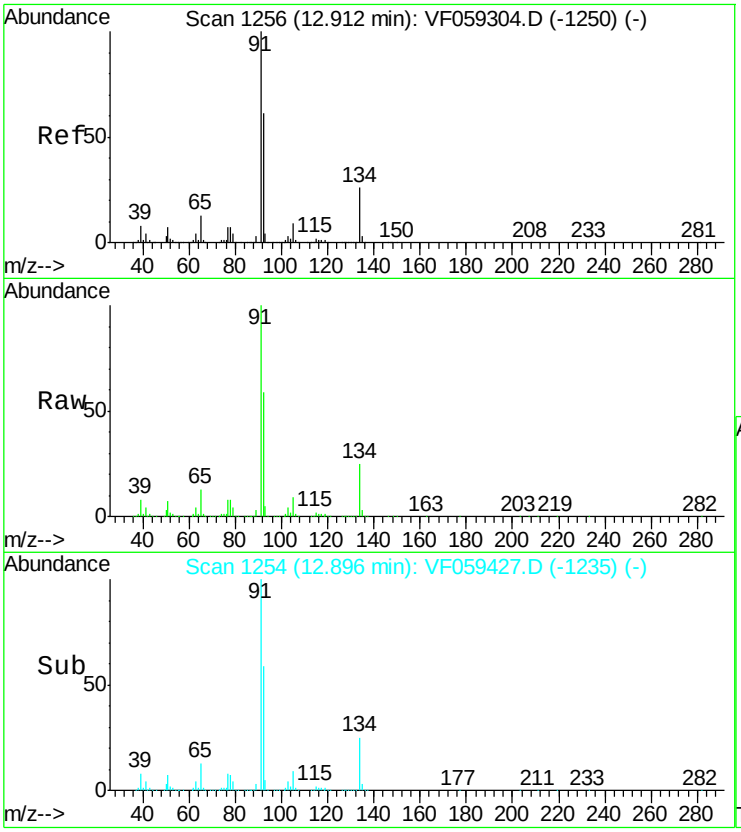




#88
1,4-Dichlorobenzene
Concen: 53.154 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion:146 Resp: 365744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.1 | 20.7 | 62.1 |
| 148 | 65.7 | 32.8 | 98.3 |



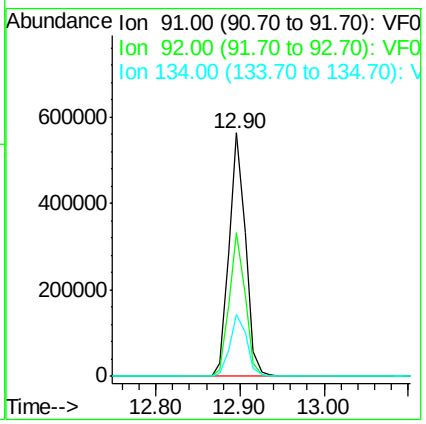


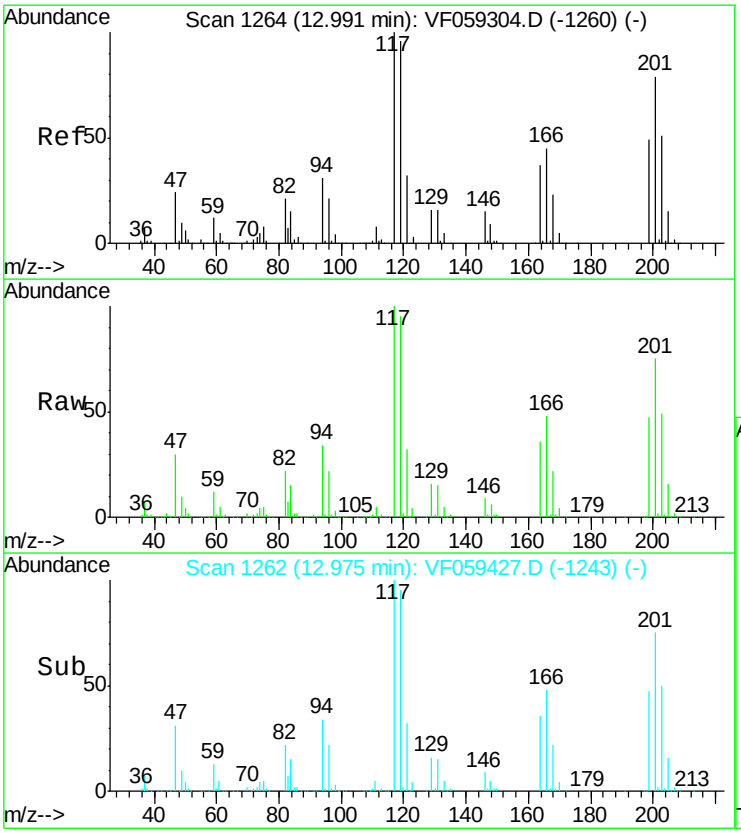

#89
n-Butylbenzene
Concen: 55.472 ug/l
RT: 12.90 min Scan# 1254
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion: 91 Resp: 762168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.3 | 30.3 | 91.0 |
| 134 | 25.2 | 12.9 | 38.7 |

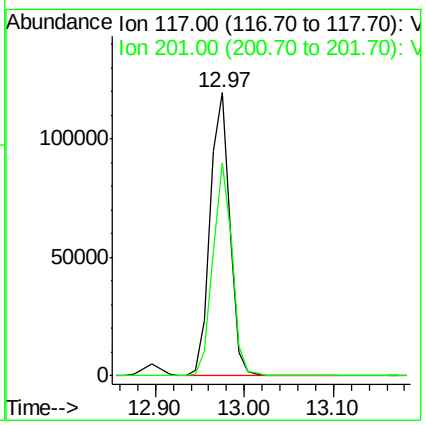


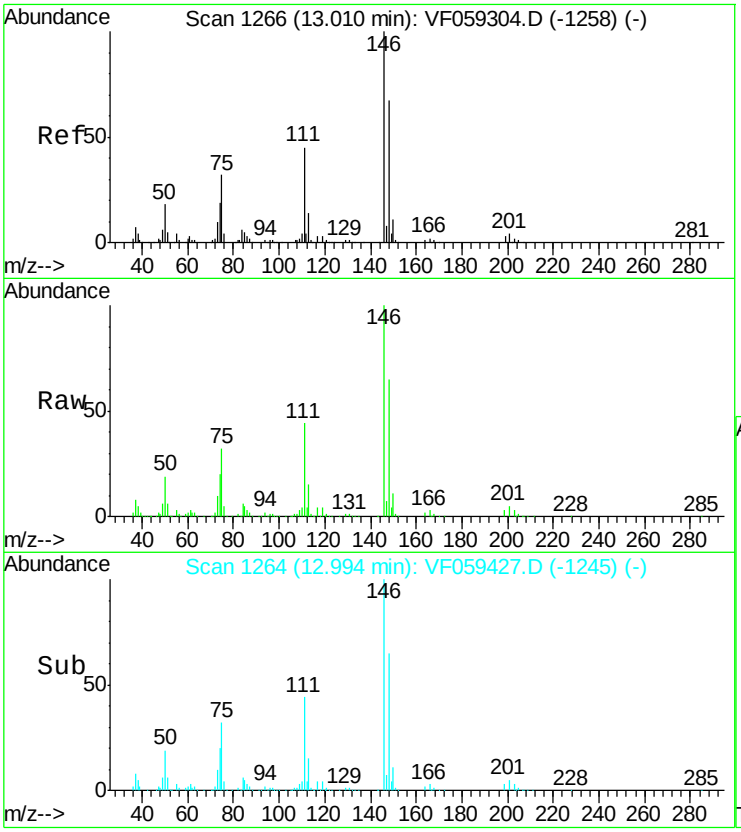




#90
Hexachloroethane
Concen: 53.975 ug/l
RT: 12.97 min Scan# 1262
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion:117 Resp: 182070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 76.9 | 39.5 | 118.5 |



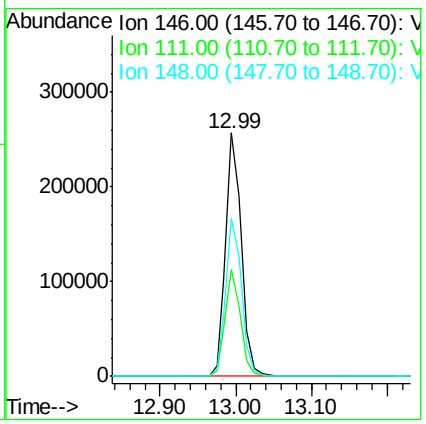


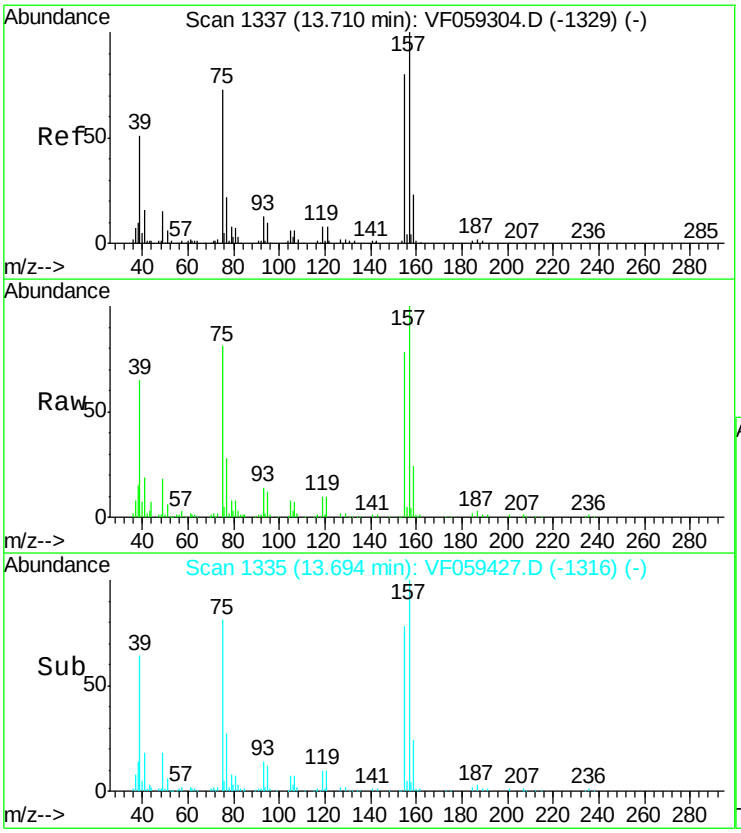

#91
1,2-Dichlorobenzene
Concen: 53.122 ug/l
RT: 12.99 min Scan# 1264
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion:146 Resp: 371570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.7 | 22.7 | 68.0 |
| 148 | 64.8 | 33.5 | 100.4 |

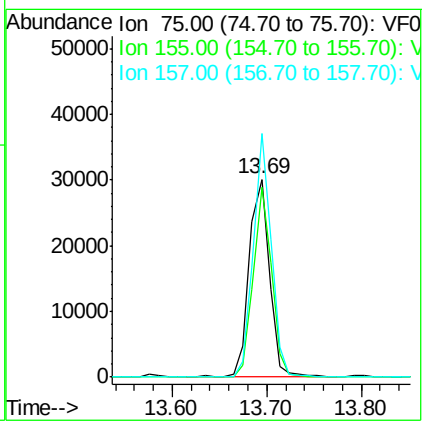


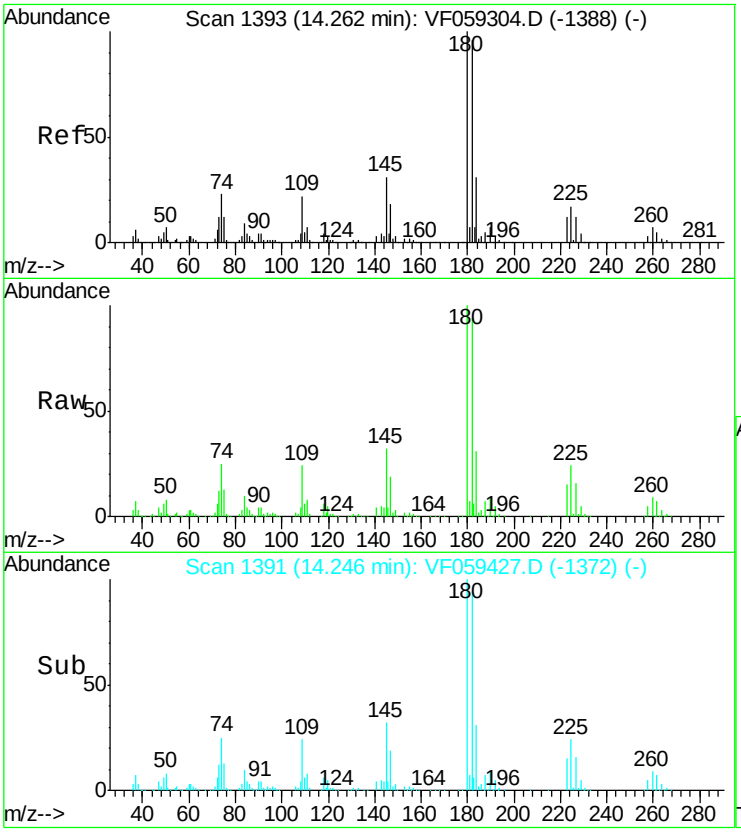




#92
1,2-Dibromo-3-Chloropropane
Concen: 57.704 ug/l
RT: 13.69 min Scan# 1335
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion: 75 Resp: 44864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 96.2 | 54.6 | 163.8 |
| 157 | 123.2 | 68.7 | 205.9 |



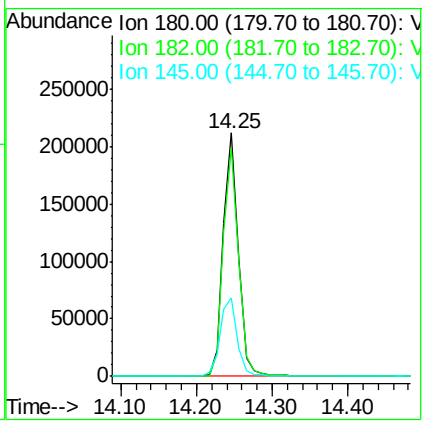


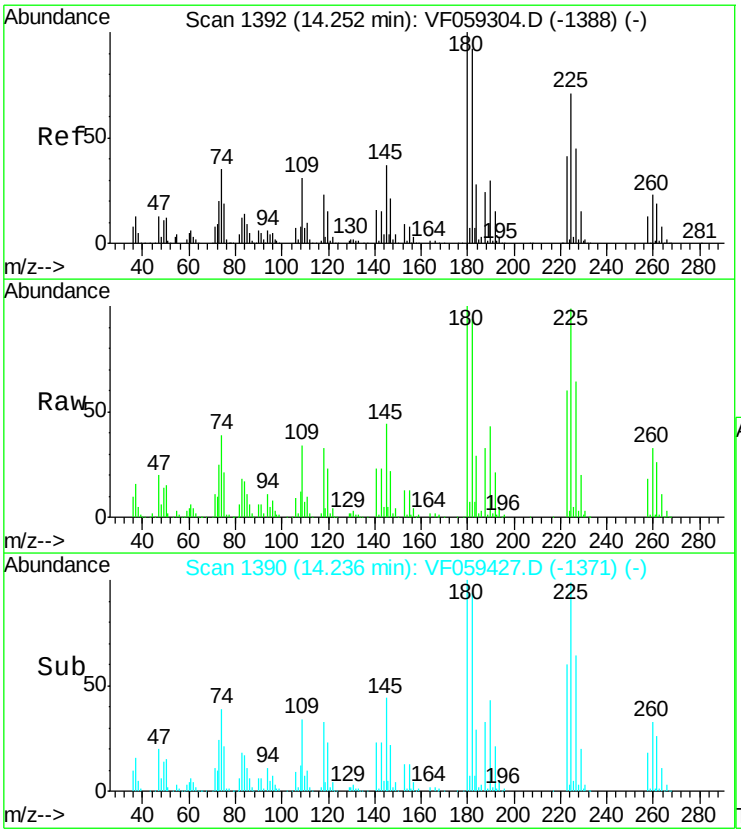

#93
1,2,4-Trichlorobenzene
Concen: 57.192 ug/l
RT: 14.25 min Scan# 1391
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion:180 Resp: 295795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.6 | 48.1 | 144.3 |
| 145 | 32.4 | 15.3 | 45.8 |

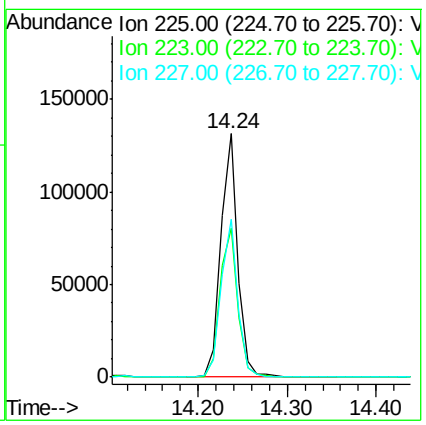


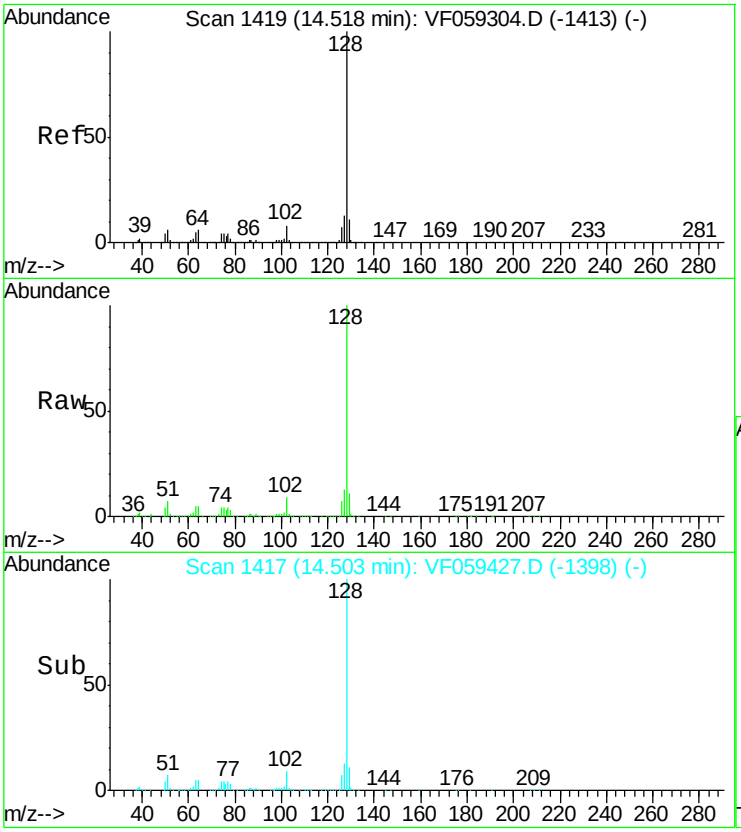




#94
Hexachlorobutadiene
Concen: 61.046 ug/l
RT: 14.24 min Scan# 1390
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion:225 Resp: 176355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.2 | 28.9 | 86.8 |
| 227 | 64.7 | 31.3 | 93.8 |



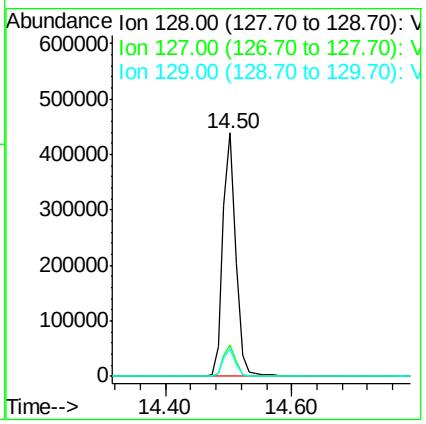


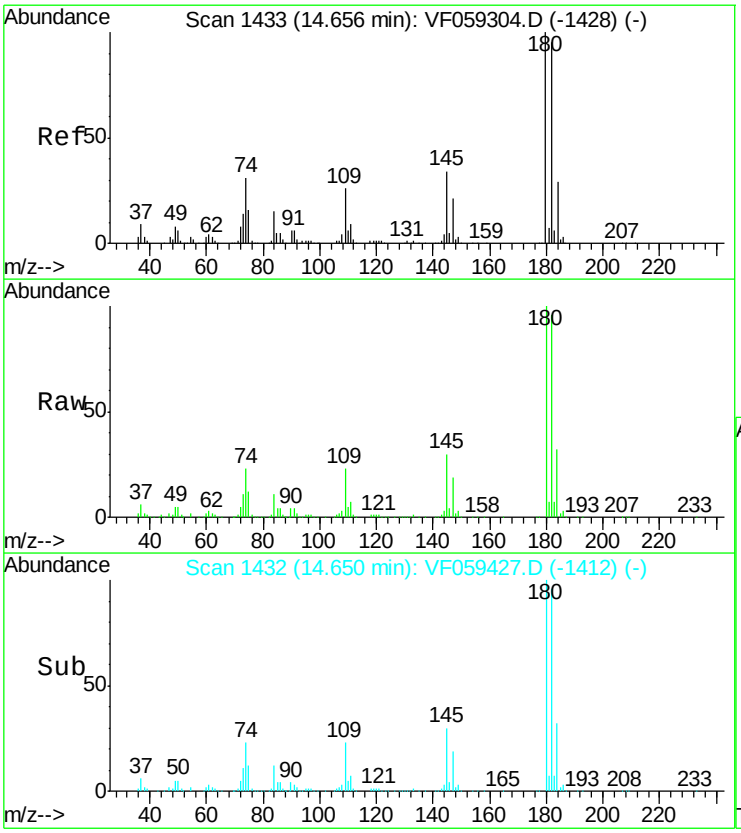

#95
Naphthalene
Concen: 58.724 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. -0.02 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

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

Tgt Ion:128 Resp: 635462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 10.1 | 15.1 |
| 129 | 11.3 | 8.8 | 13.2 |




#96
1,2,3-Trichlorobenzene
Concen: 58.973 ug/l
RT: 14.65 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VF059427.D
Acq: 5 Jul 2018 11:43

Tgt Ion:180 Resp: 288938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.2 | 47.5 | 142.5 |
| 145 | 29.6 | 17.0 | 50.9 |