Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF010919\

Quantitation Report (Not Reviewed)

Data File : VF061304.D
Acq On : 9 Jan 2019 16:40
Operator : VA/AP
Sample : K1082-27
Misc : 4.29g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :** SP-1-1

Quant Time: Jan 10 05:55:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 4.89 | 168 | 994 | 50.00 | ug/l | 0.02 |
| 34) 1,4-Difluorobenzene | 5.61 | 114 | 1758 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.79 | 117 | 920 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 0.00 | 152 | 0 | 0.00 | ug/l | -12.56 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 4.80 | 65 | 60 | 5.42 | ug/l | -0.05 |
| Spiked Amount 50.000 | | | Recovery = 10.84% | | | |
| 35) Dibromofluoromethane | 4.13 | 113 | 221 | 16.43 | ug/l | 0.02 |
| Spiked Amount 50.000 | | | Recovery = 32.86% | | | |
| 50) Toluene-d8 | 7.58 | 98 | 1684 | 42.30 | ug/l | 0.02 |
| Spiked Amount 50.000 | | | Recovery = 84.60% | | | |
| 62) 4-Bromofluorobenzene | 11.42 | 95 | 291 | 16.74 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 33.48% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.11 | 50 | 106 | 6.488 | ug/l # | 18 |
| 4) Vinyl Chloride | 1.24 | 62 | 73 | 5.002 | ug/l # | 1 |
| 5) Bromomethane | 1.27 | 94 | 457 | 40.007 | ug/l # | 6 |
| 6) Chloroethane | 1.31 | 64 | 239 | 33.539 | ug/l # | 30 |
| 8) Diethyl Ether | 1.68 | 74 | 63 | 17.343 | ug/l | 94 |
| 11) Tert butyl alcohol | 2.56 | 59 | 107 | 241.549 | ug/l # | 58 |
| 12) 1,1-Dichloroethene | 1.79 | 96 | 95 | 9.095 | ug/l # | 1 |
| 13) Acrolein | 1.88 | 56 | 111 | 228.619 | ug/l | 97 |
| 14) Allyl chloride | 2.10 | 41 | 499 | 26.136 | ug/l # | 70 |
| 15) Acrylonitrile | 2.96 | 53 | 223 | 142.008 | ug/l # | 12 |
| 16) Acetone | 2.22 | 43 | 838 | 325.599 | ug/l | 96 |
| 17) Carbon Disulfide | 1.72 | 76 | 60 | 1.739 | ug/l # | 74 |
| 18) Methyl Acetate | 2.35 | 43 | 822 | 162.333 | ug/l # | 65 |
| 19) Methyl tert-butyl Ether | 2.49 | 73 | 67 | 3.366 | ug/l # | 57 |
| 20) Methylene Chloride | 2.28 | 84 | 66 | 6.062 | ug/l # | 1 |
| 21) trans-1,2-Dichloroethene | 2.31 | 96 | 66 | 5.963 | ug/l # | 1 |
| 22) Diisopropyl ether | 2.85 | 45 | 637 | 17.245 | ug/l # | 48 |
| 23) Vinyl Acetate | 3.16 | 43 | 873 | 80.817 | ug/l # | 77 |
| 24) 1,1-Dichloroethane | 2.91 | 63 | 62 | 2.902 | ug/l # | 87 |
| 25) 2-Butanone | 4.39 | 43 | 69 | 16.657 | ug/l # | 56 |
| 26) 2,2-Dichloropropane | 3.70 | 77 | 72 | 5.043 | ug/l # | 60 |
| 27) cis-1,2-Dichloroethene | 3.48 | 96 | 120 | 7.765 | ug/l | 1 |
| 28) Bromochloromethane | 3.66 | 49 | 73 | 7.749 | ug/l # | 13 |
| 29) Tetrahydrofuran | 4.09 | 42 | 452 | 260.976 | ug/l # | 49 |
| 31) Cyclohexane | 3.68 | 56 | 63 | 2.811 | ug/l # | 14 |
| 32) 1,1,1-Trichloroethane | 3.99 | 97 | 60 | 2.739 | ug/l # | 21 |
| 37) Ethyl Acetate | 4.15 | 43 | 592 | 79.187 | ug/l # | 1 |
| 41) Methacrylonitrile | 4.76 | 41 | 107 | 25.630 | ug/l # | 24 |
| 43) Isopropyl Acetate | 6.95 | 43 | 139 | 14.083 | ug/l # | 45 |
| 45) 1,2-Dichloropropane | 6.35 | 63 | 91 | 7.466 | ug/l # | 43 |
| 46) Dibromomethane | 6.05 | 93 | 60 | 8.018 | ug/l # | 8 |
| 48) Methyl methacrylate | 6.77 | 41 | 160 | 24.974 | ug/l # | 22 |
| 49) 1,4-Dioxane | 6.75 | 88 | 60 | 1484.245 | ug/l # | 20 |
| 51) 4-Methyl-2-Pentanone | 8.27 | 43 | 134 | 17.987 | ug/l # | 38 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF010919\

Quantitation Report (Not Reviewed)

Data File : VF061304.D
Acq On : 9 Jan 2019 16:40
Operator : VA/AP
Sample : K1082-27
Misc : 4.29g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :** SP-1-1

Quant Time: Jan 10 05:55:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 53) t-1,3-Dichloropropene | 8.27 | 75 | 77 | 5.268 | ug/l | # | 44 |
| 55) 1,1,2-Trichloroethane | 8.37 | 97 | 60 | 6.960 | ug/l | # | 15 |
| 56) Ethyl methacrylate | 8.66 | 69 | 59 | 6.124 | ug/l | # | 1 |
| 59) 2-Hexanone | 9.51 | 43 | 405 | 76.735 | ug/l | # | 27 |
| 60) Dibromochloromethane | 8.84 | 129 | 73 | 6.359 | ug/l | # | 10 |
| 67) Ethyl Benzene | 9.88 | 91 | 69 | 1.926 | ug/l | # | 48 |

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

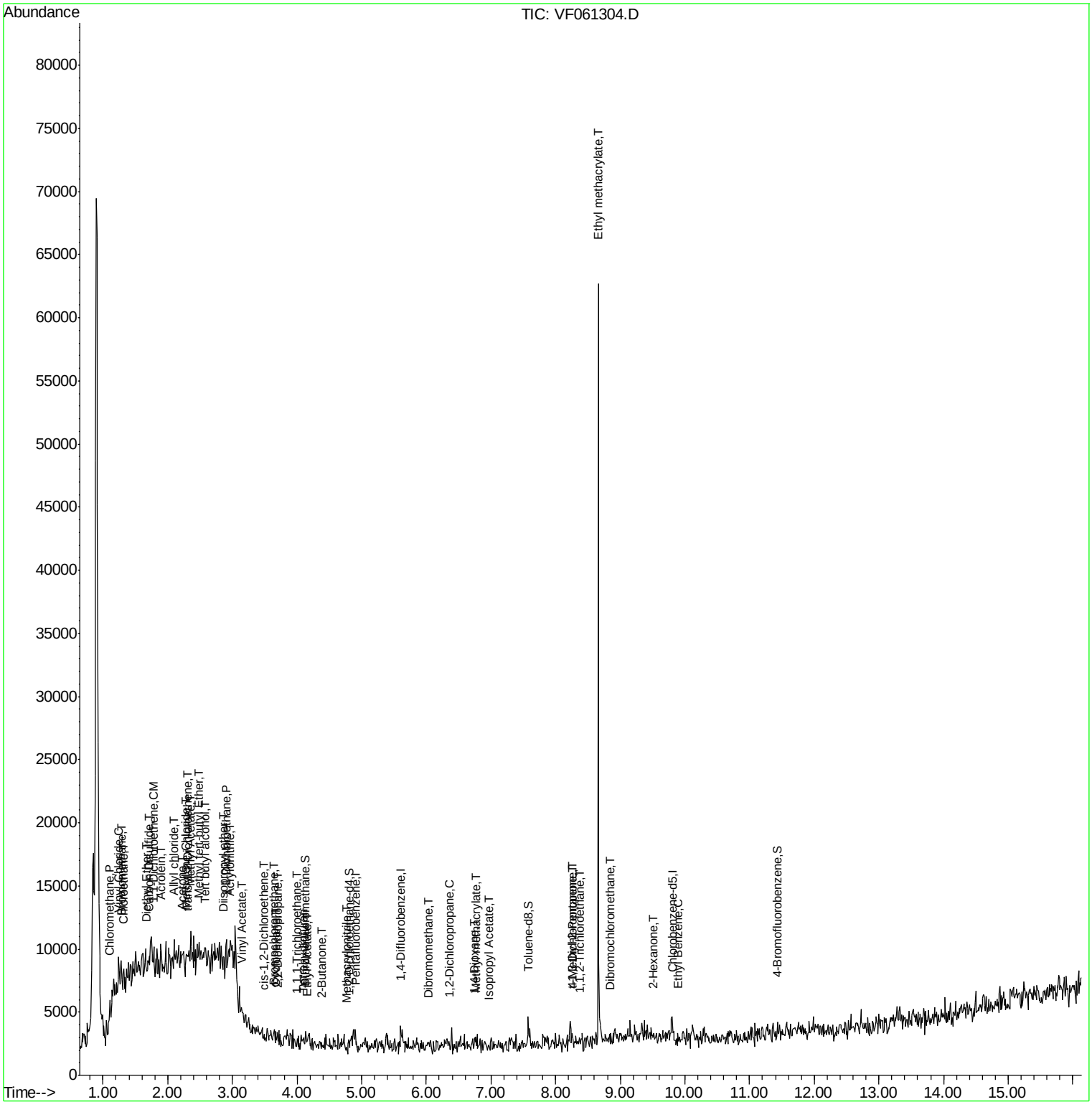
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF010919\

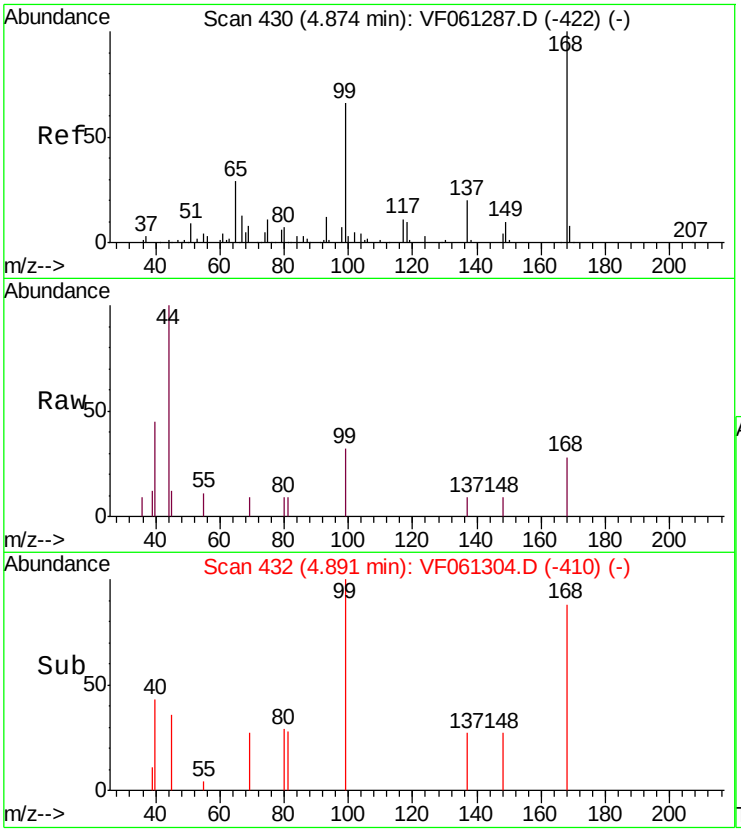
Quantitation Report (Not Reviewed)

Data File : VF061304.D
Acq On : 9 Jan 2019 16:40
Operator : VA/AP
Sample : K1082-27
Misc : 4.29g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Quant Time: Jan 10 05:55:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration



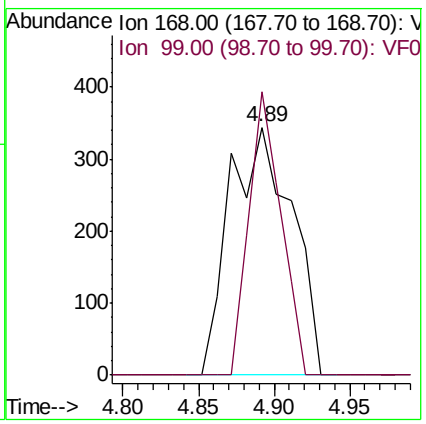


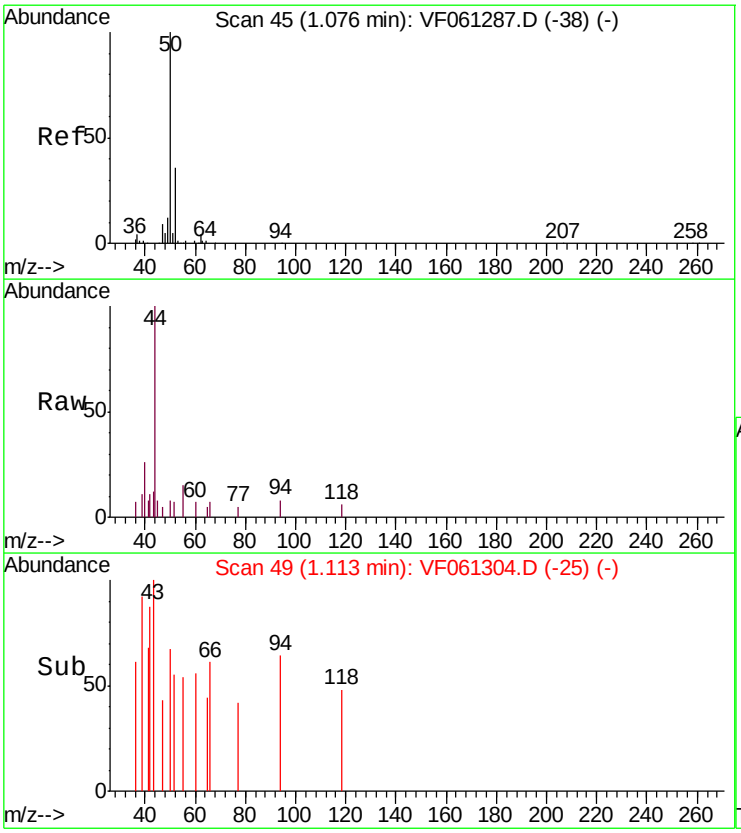

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. 0.02 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion:168 Resp: 994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 114.2 | 52.7 | 79.1# |

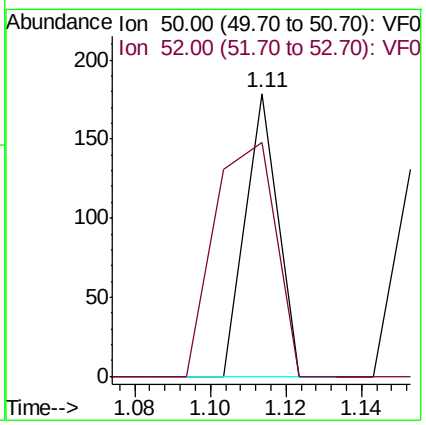


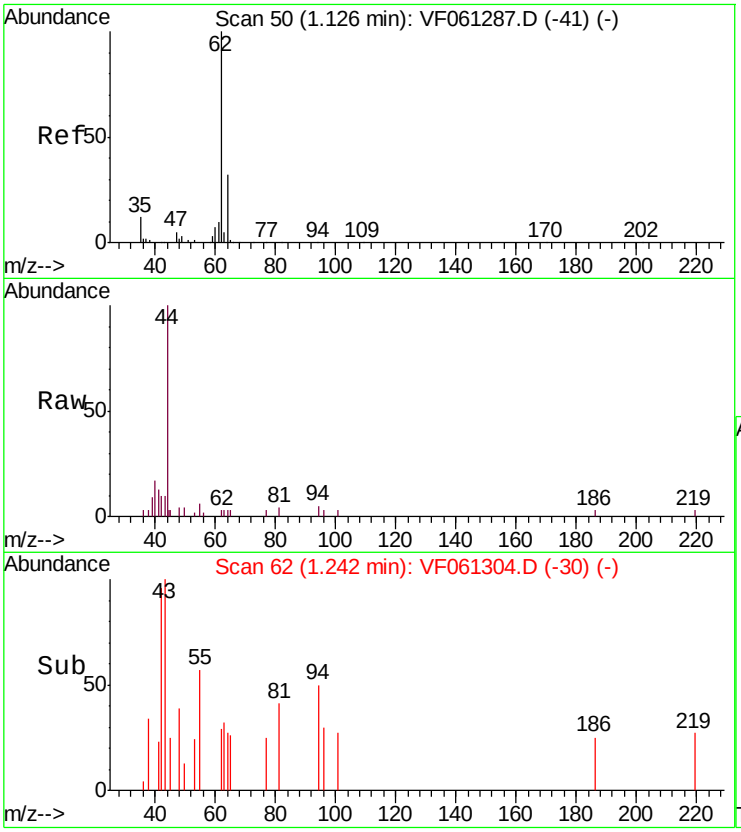




#3
Chloromethane
Concen: 6.488 ug/l
RT: 1.11 min Scan# 49
Delta R.T. 0.04 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 50 Resp: 106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 82.7 | 28.2 | 42.2# |



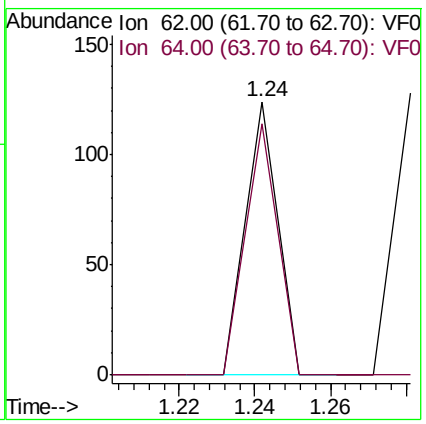


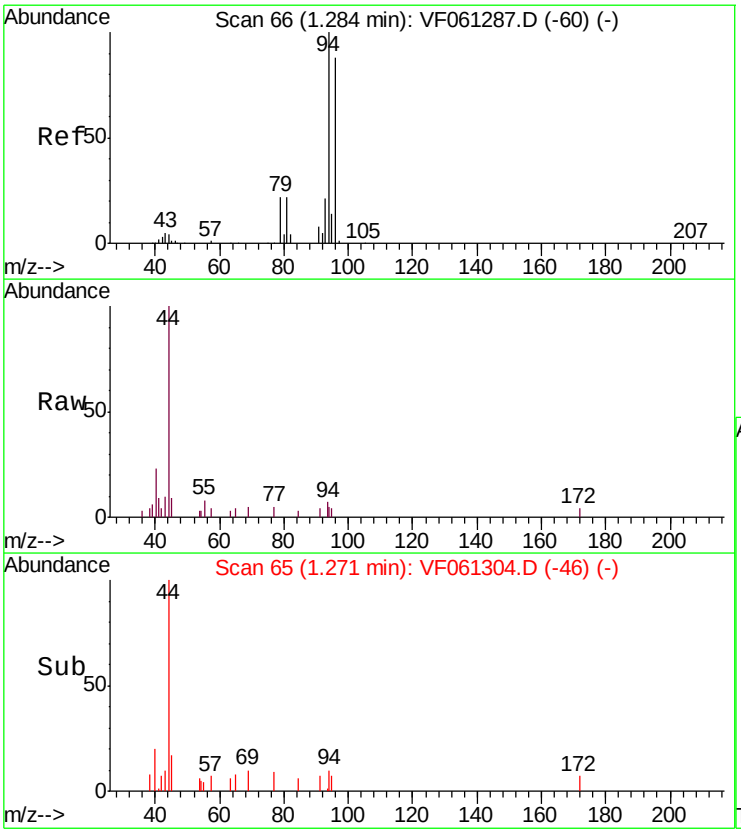

#4
Vinyl Chloride
Concen: 5.002 ug/l
RT: 1.24 min Scan# 62
Delta R.T. 0.12 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion: 62 Resp: 73

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 91.9 | 25.4 | 38.0# |

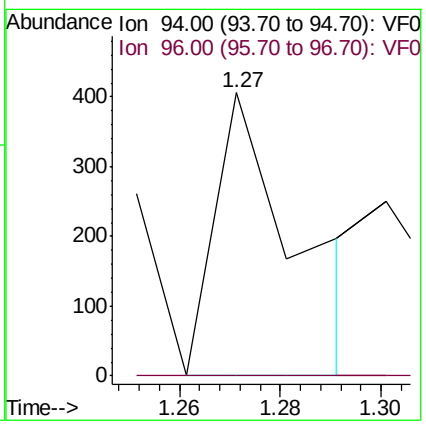


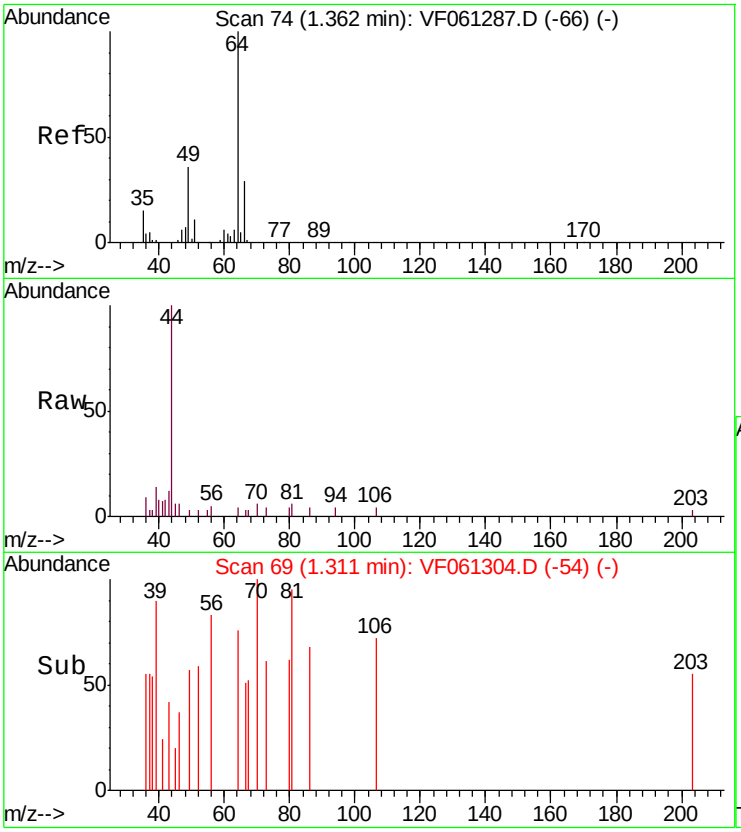




#5
Bromomethane
Concen: 40.007 ug/l
RT: 1.27 min Scan# 65
Delta R.T. -0.01 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 94 Resp: 457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 0.0 | 70.2 | 105.4# |



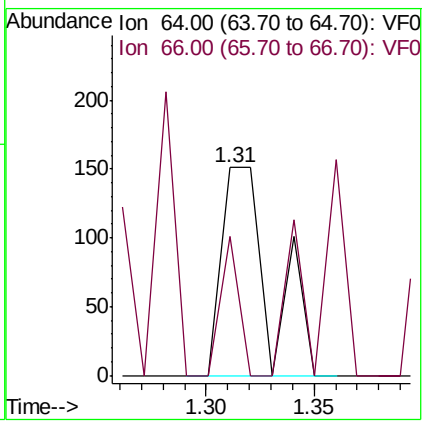


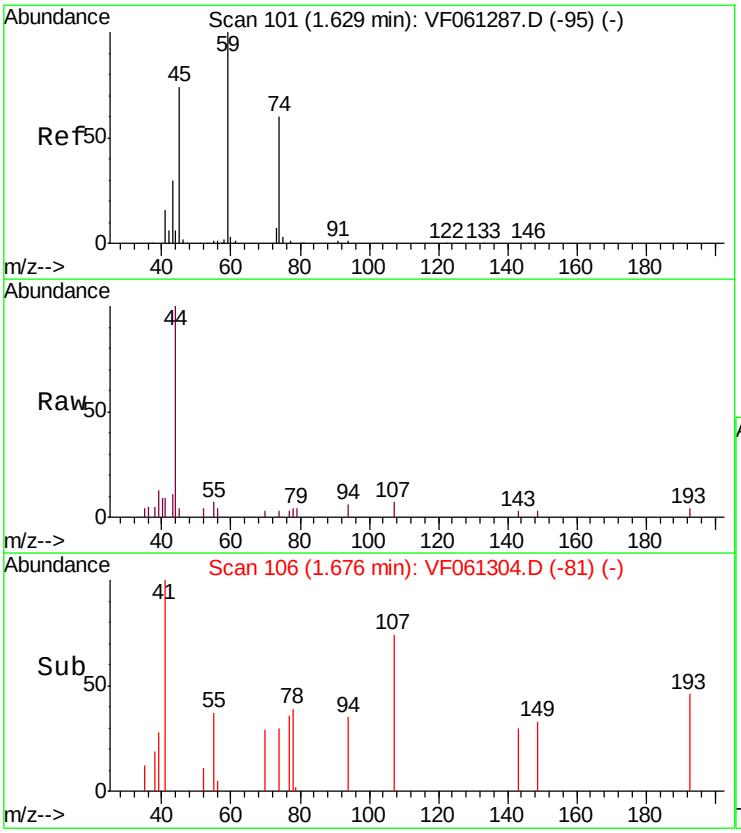

#6
Chloroethane
Concen: 33.539 ug/l
RT: 1.31 min Scan# 69
Delta R.T. -0.05 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion: 64 Resp: 239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 66.9 | 23.4 | 35.0# |

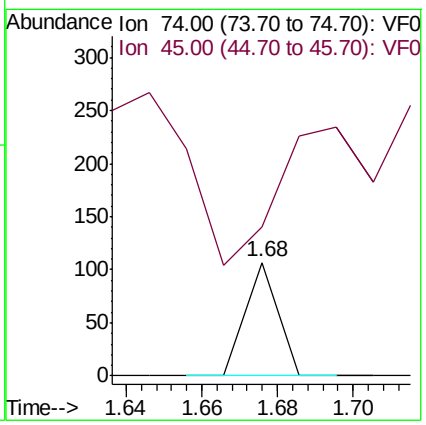


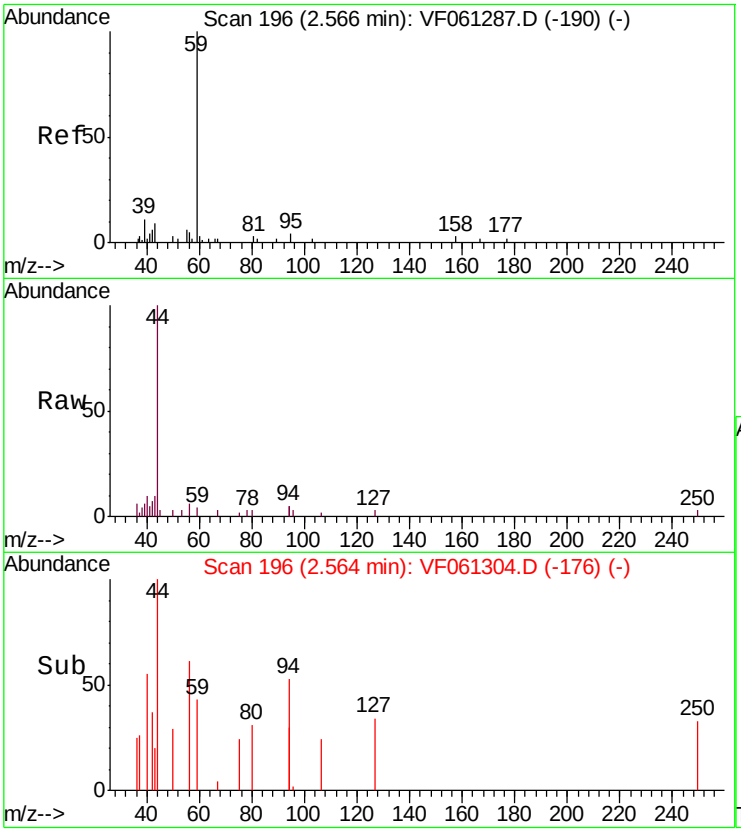




#8
Diethyl Ether
Concen: 17.343 ug/l
RT: 1.68 min Scan# 106
Delta R.T. 0.05 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 74 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 130.8 | 62.1 | 186.3 |



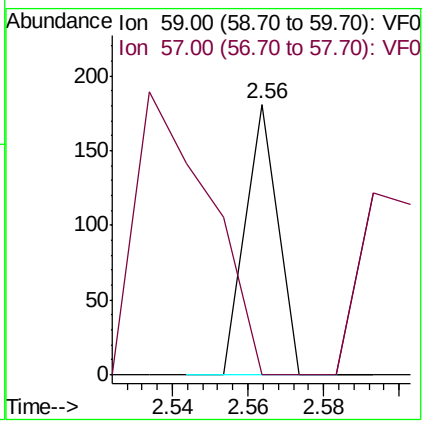


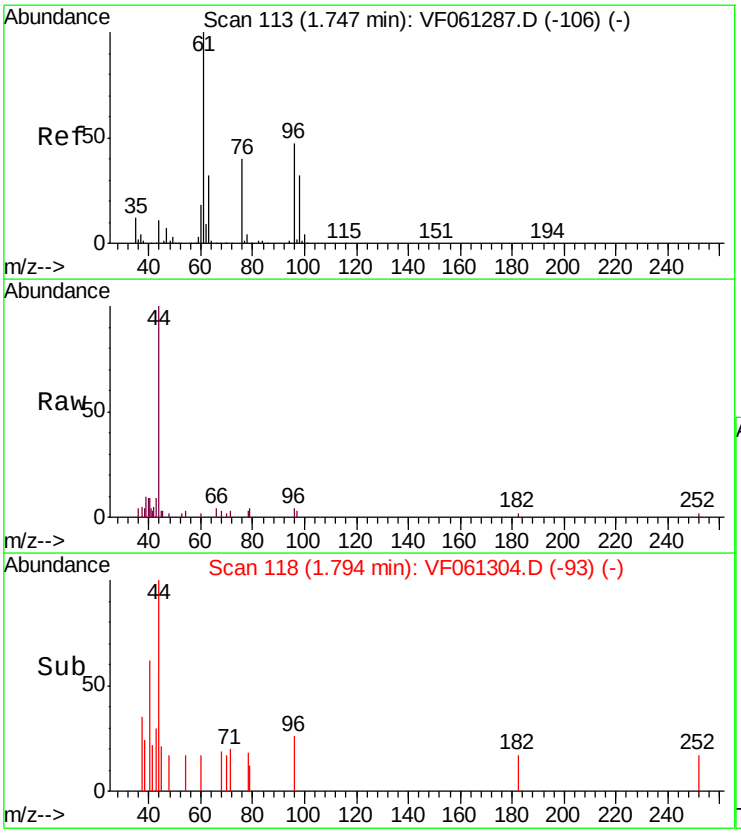

#11
Tert butyl alcohol
Concen: 241.549 ug/l
RT: 2.56 min Scan# 196
Delta R.T. -0.00 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion: 59 Resp: 107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 15.1 | 22.7# |

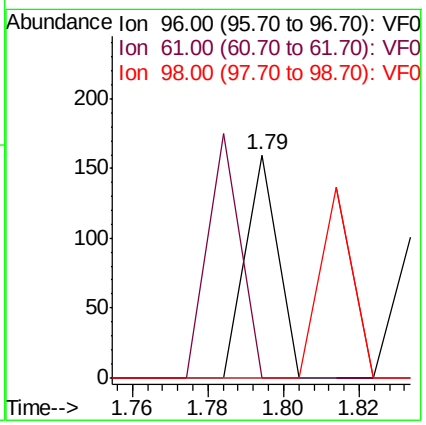


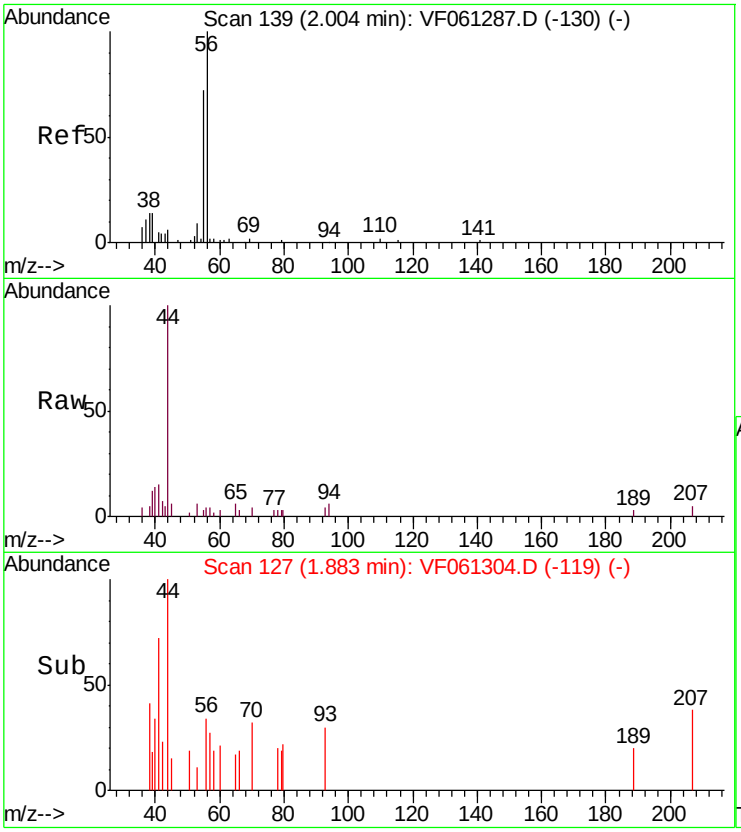




#12
1,1-Dichloroethene
Concen: 9.095 ug/l
RT: 1.79 min Scan# 118
Delta R.T. 0.05 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 96 Resp: 95

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 0.0 | 171.8 | 257.8# |
| 98 | 0.0 | 54.2 | 81.4# |



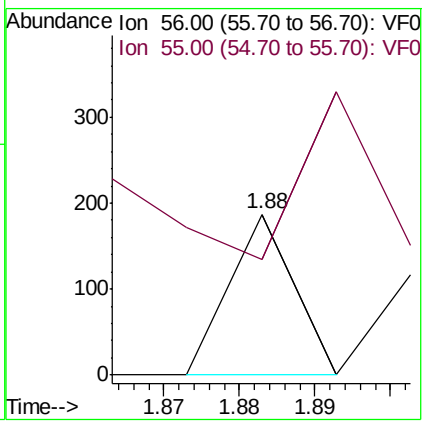


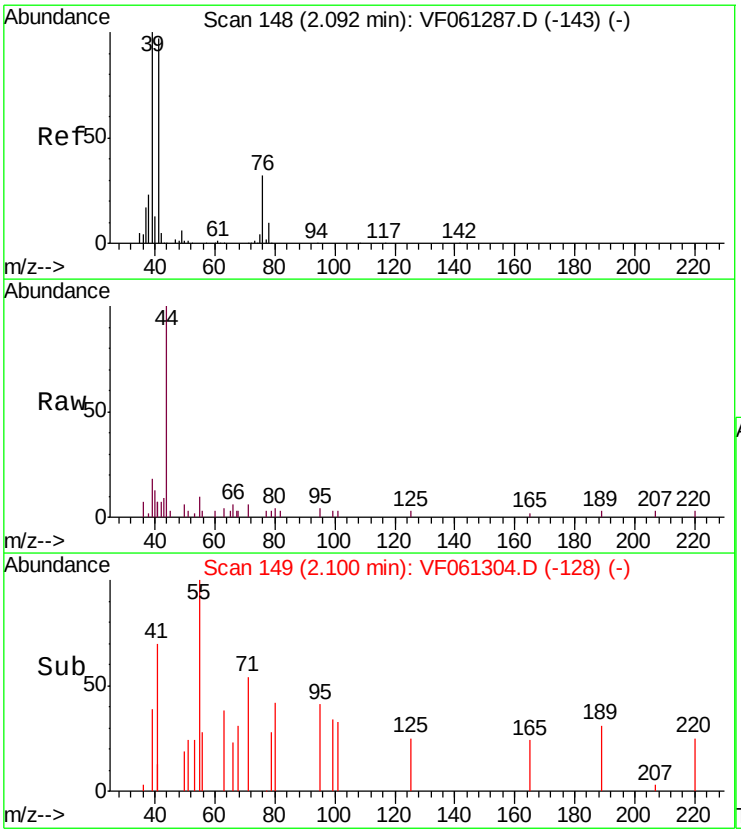

#13
Acrolein
Concen: 228.619 ug/l
RT: 1.88 min Scan# 127
Delta R.T. -0.12 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion: 56 Resp: 111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.7 | 59.4 | 89.0 |

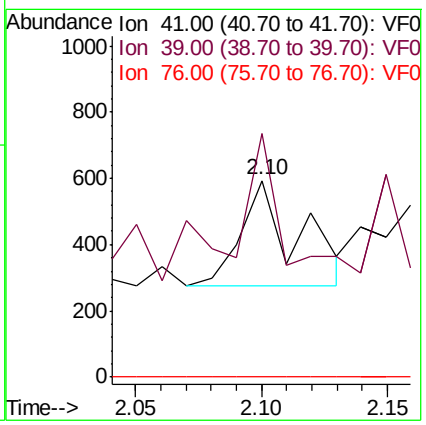


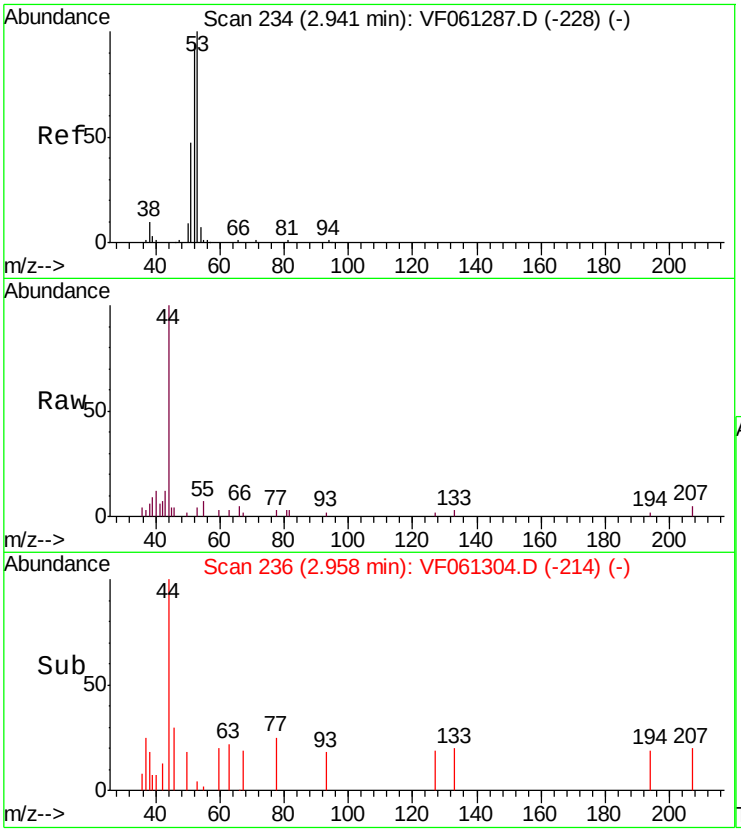




#14
Allyl chloride
Concen: 26.136 ug/l
RT: 2.10 min Scan# 149
Delta R.T. 0.01 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 41 Resp: 499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 123.7 | 82.6 | 123.8 |
| 76 | 0.0 | 26.9 | 40.3# |



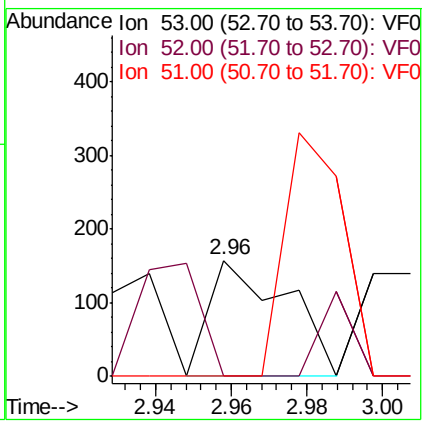


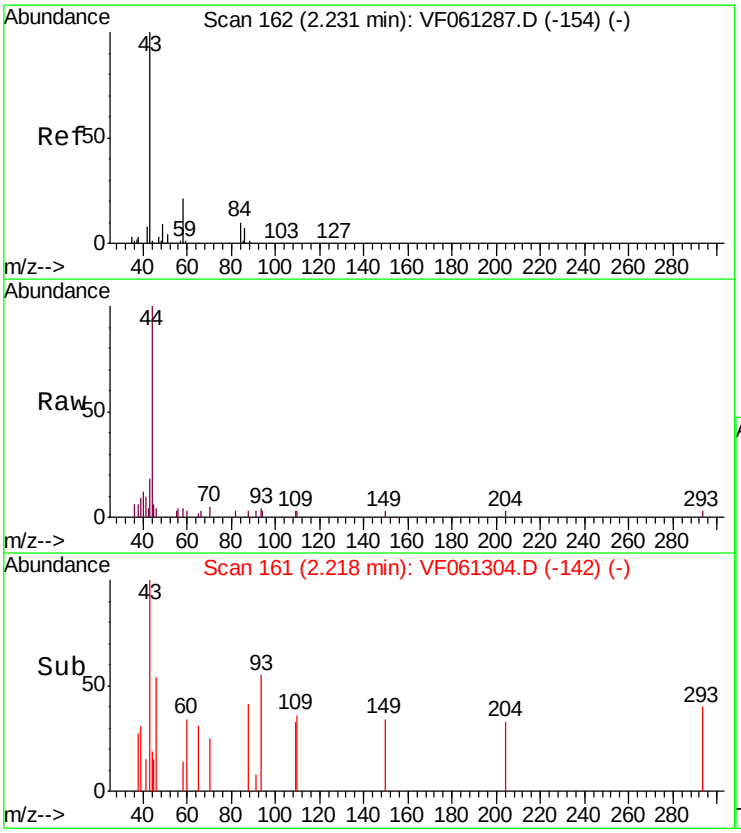

#15
Acrylonitrile
Concen: 142.008 ug/l
RT: 2.96 min Scan# 236
Delta R.T. 0.02 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion: 53 Resp: 223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 0.0 | 74.6 | 111.8# |
| 51 | 0.0 | 37.8 | 56.6# |

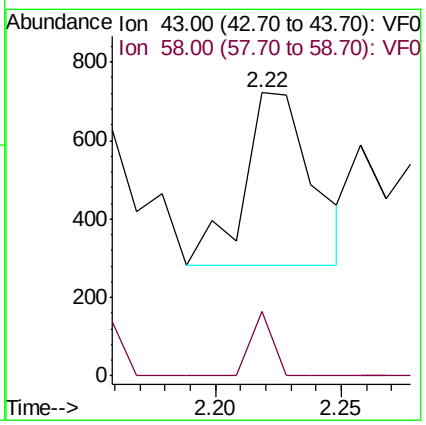


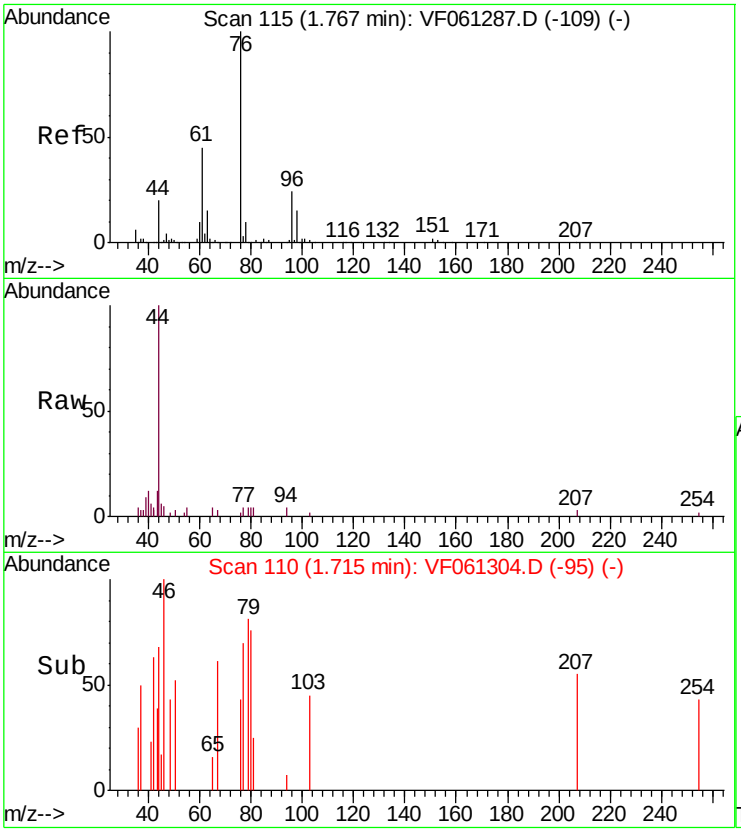




#16
Acetone
Concen: 325.599 ug/l
RT: 2.22 min Scan# 161
Delta R.T. -0.01 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 43 Resp: 838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 22.6 | 16.6 | 25.0 |



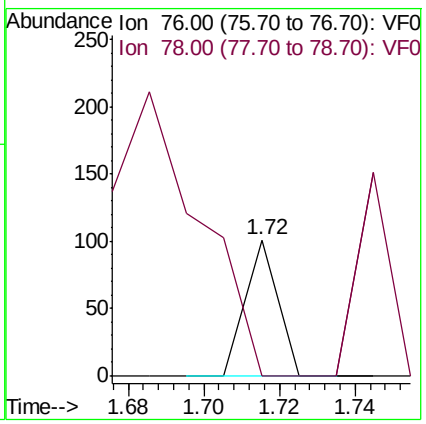


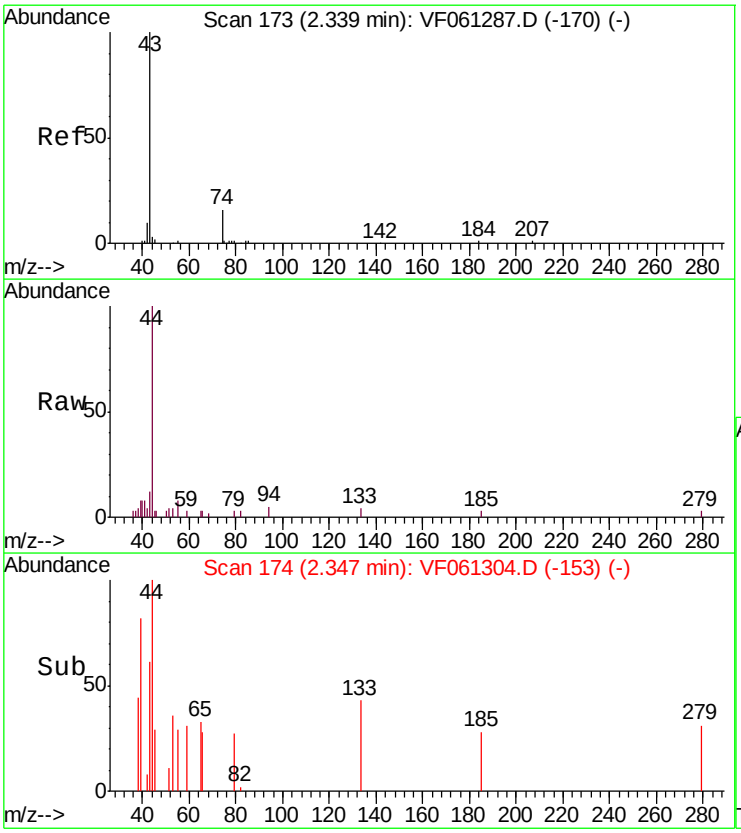

#17
Carbon Disulfide
Concen: 1.739 ug/l
RT: 1.72 min Scan# 110
Delta R.T. -0.05 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion: 76 Resp: 60

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 0.0 | 7.8 | 11.6# |

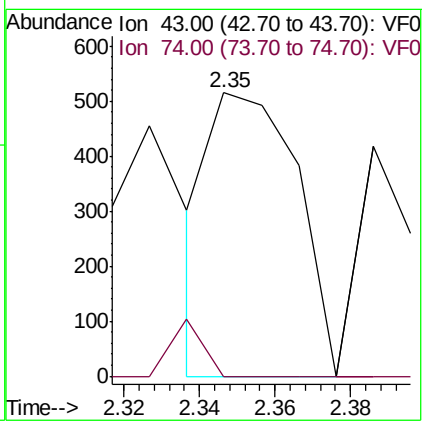


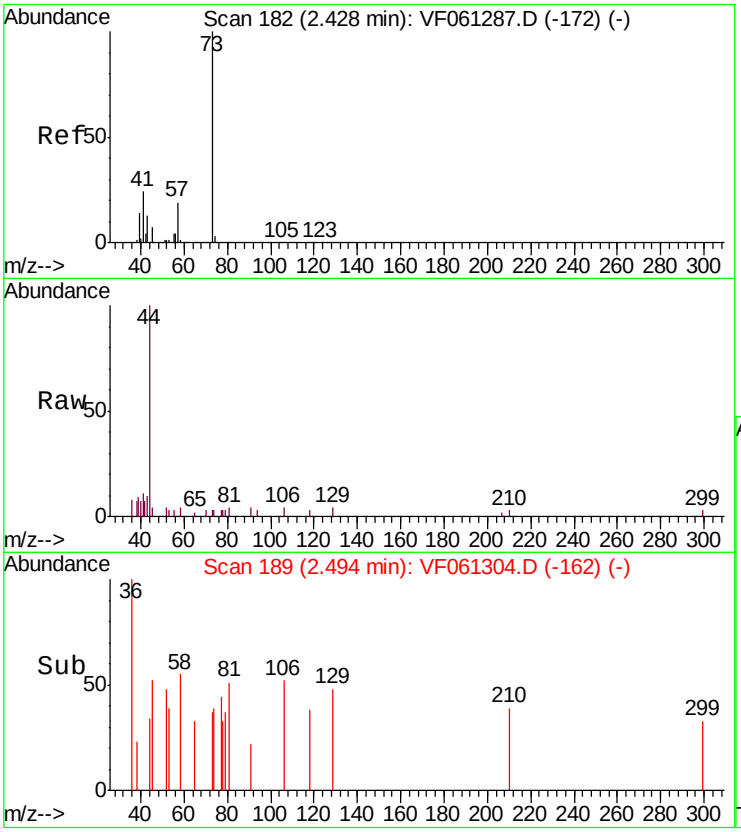




#18
Methyl Acetate
Concen: 162.333 ug/l
RT: 2.35 min Scan# 174
Delta R.T. 0.01 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 43 Resp: 822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 11.6 | 17.4# |



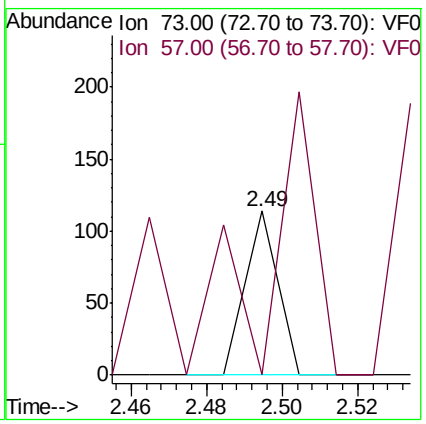


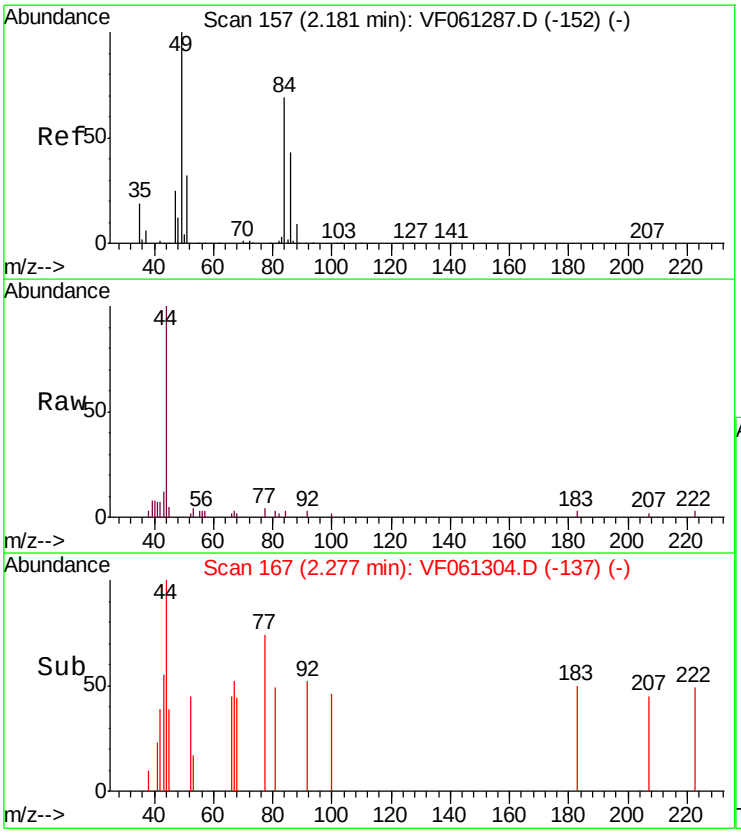

#19
Methyl tert-butyl Ether
Concen: 3.366 ug/l
RT: 2.49 min Scan# 189
Delta R.T. 0.07 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :** MSVOA_F
**ClientSampleId :** SP-1-1

Tgt Ion: 73 Resp: 67

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 0.0 | 15.5 | 23.3# |

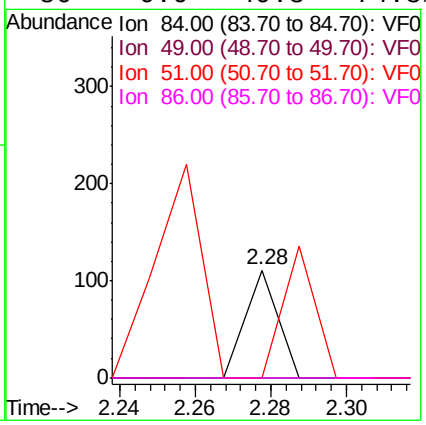


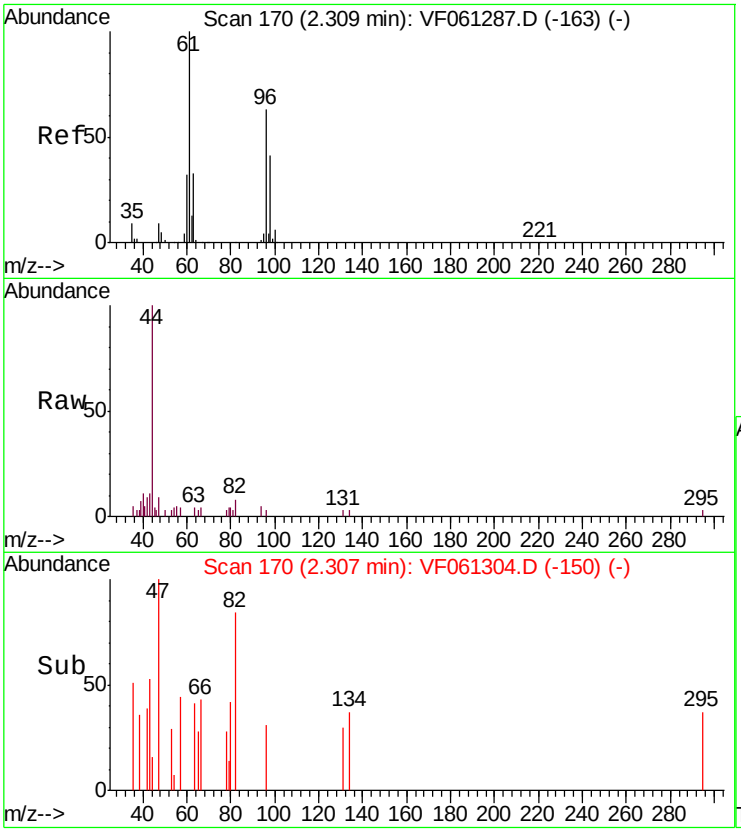




#20
Methylene Chloride
Concen: 6.062 ug/l
RT: 2.28 min Scan# 167
Delta R.T. 0.10 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 84 Resp: 66

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 0.0 | 116.6 | 175.0# |
| 51 | 0.0 | 37.7 | 56.5# |
| 86 | 0.0 | 49.8 | 74.8# |



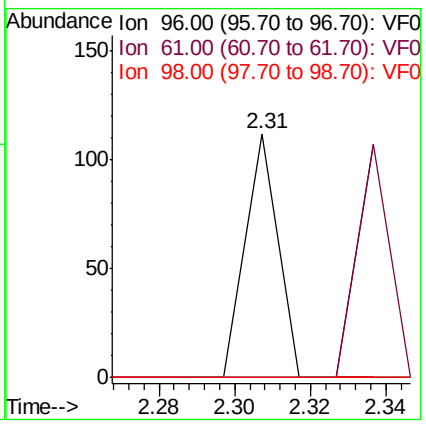


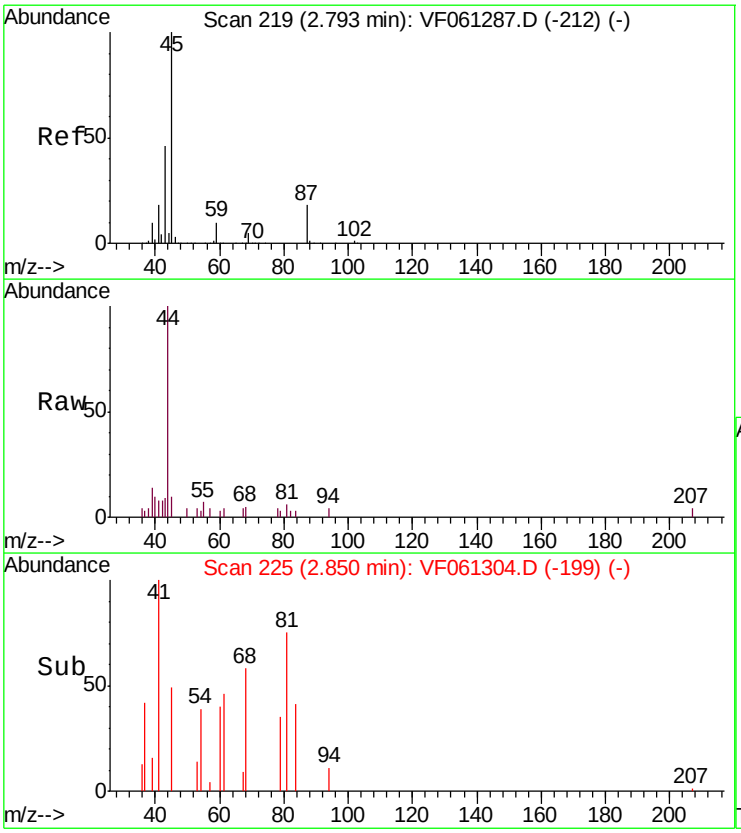

#21
trans-1,2-Dichloroethene
Concen: 5.963 ug/l
RT: 2.31 min Scan# 170
Delta R.T. -0.00 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion: 96 Resp: 66

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 0.0 | 127.0 | 190.4# |
| 98 | 0.0 | 51.7 | 77.5# |

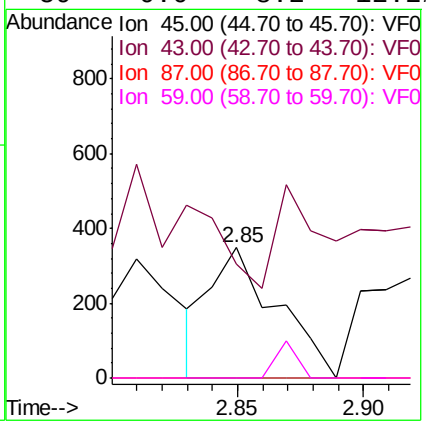


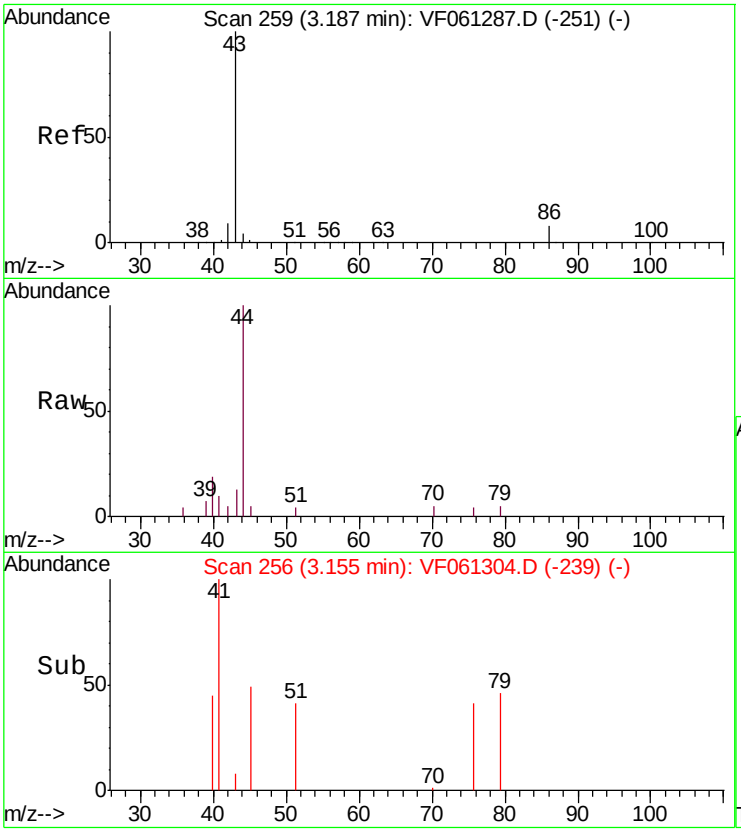




#22
Diisopropyl ether
Concen: 17.245 ug/l
RT: 2.85 min Scan# 225
Delta R.T. 0.06 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 45 Resp: 637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 87.9 | 37.4 | 56.2# |
| 87 | 0.0 | 14.2 | 21.2# |
| 59 | 0.0 | 8.2 | 12.2# |



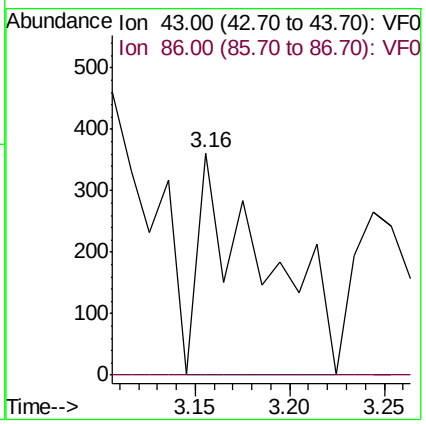


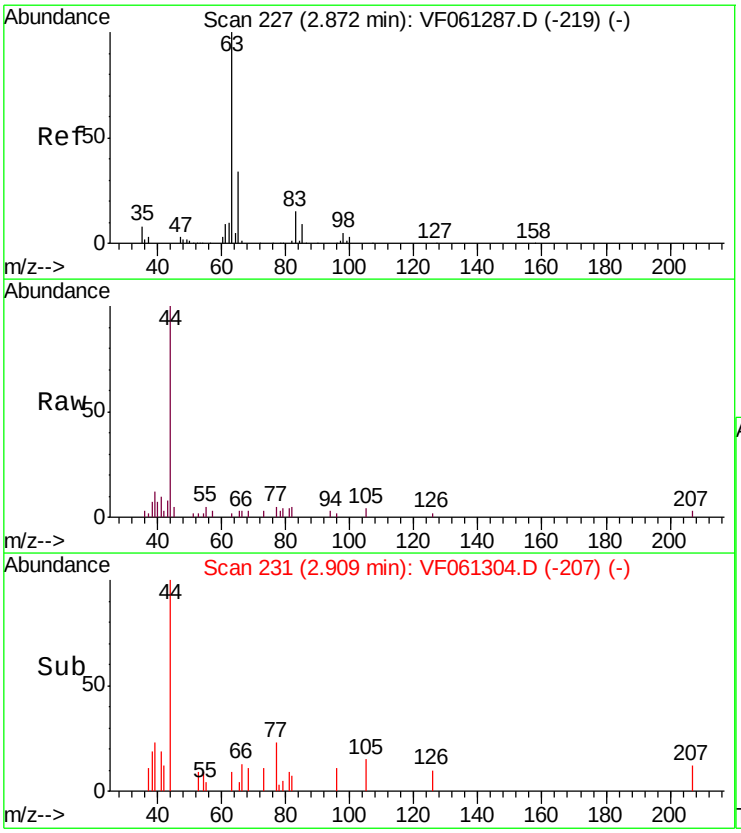

#23
Vinyl Acetate
Concen: 80.817 ug/l
RT: 3.16 min Scan# 256
Delta R.T. -0.03 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :** MSVOA_F
**ClientSampleId :** SP-1-1

Tgt Ion: 43 Resp: 873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 0.0 | 6.5 | 9.7# |

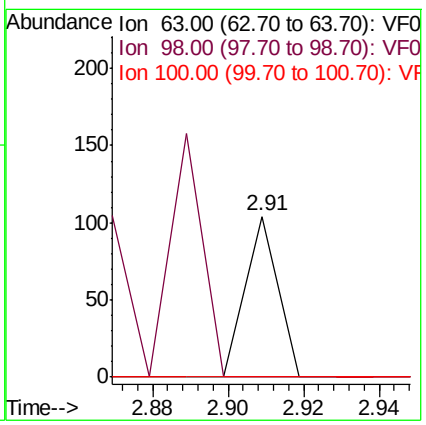


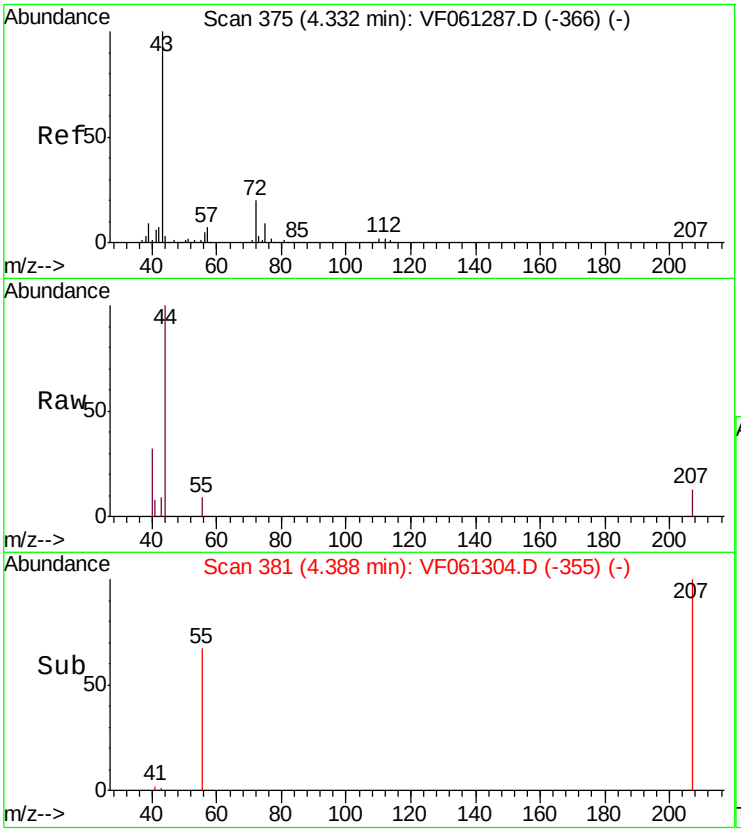




#24
1,1-Dichloroethane
Concen: 2.902 ug/l
RT: 2.91 min Scan# 231
Delta R.T. 0.04 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 63 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 0.0 | 2.5 | 7.6# |
| 100 | 0.0 | 1.7 | 5.0# |



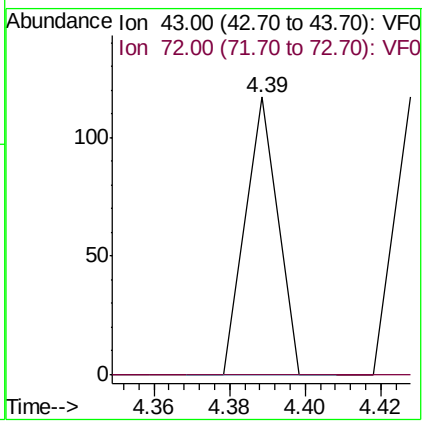


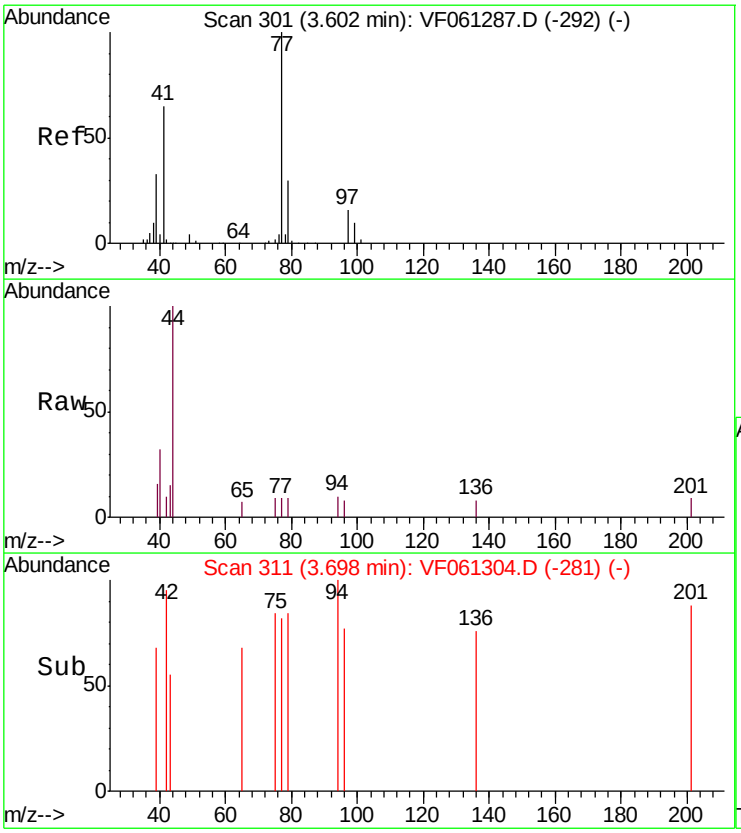

#25
2-Butanone
Concen: 16.657 ug/l
RT: 4.39 min Scan# 381
Delta R.T. 0.06 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion: 43 Resp: 69

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 16.5 | 24.7# |

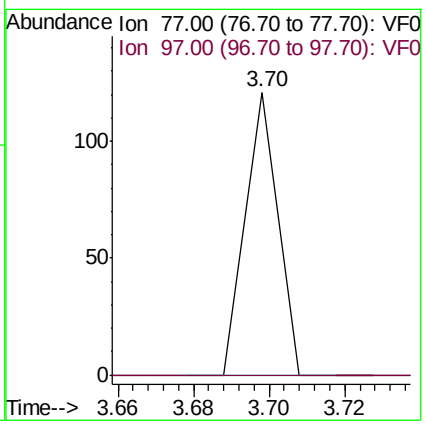


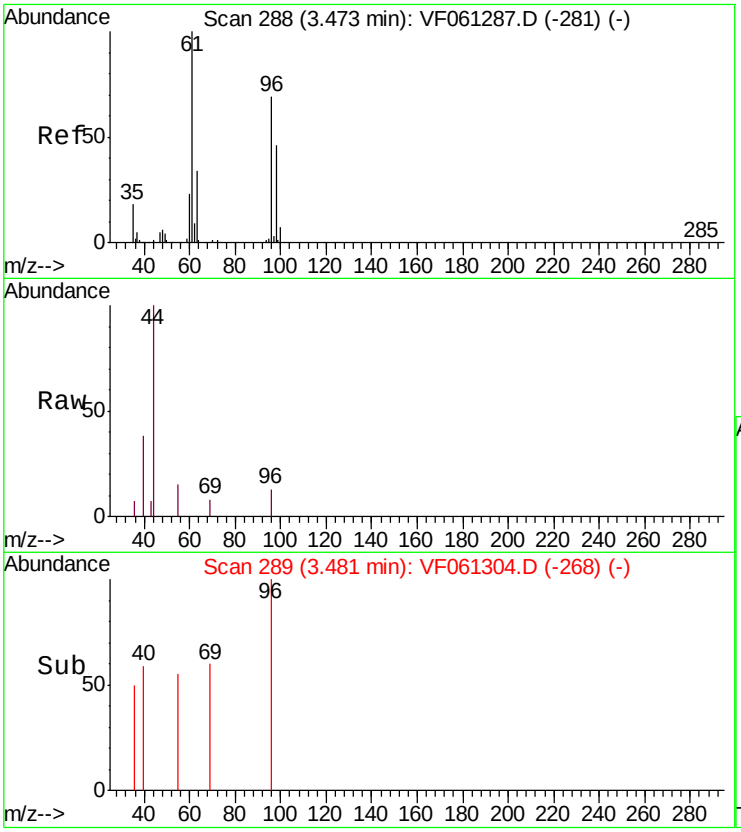




#26
2,2-Dichloropropane
Concen: 5.043 ug/l
RT: 3.70 min Scan# 311
Delta R.T. 0.10 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 77 Resp: 72

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 0.0 | 8.6 | 25.9# |



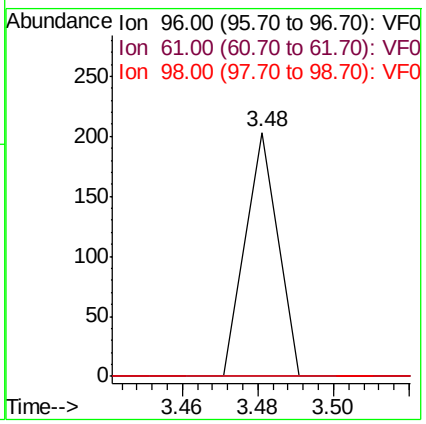


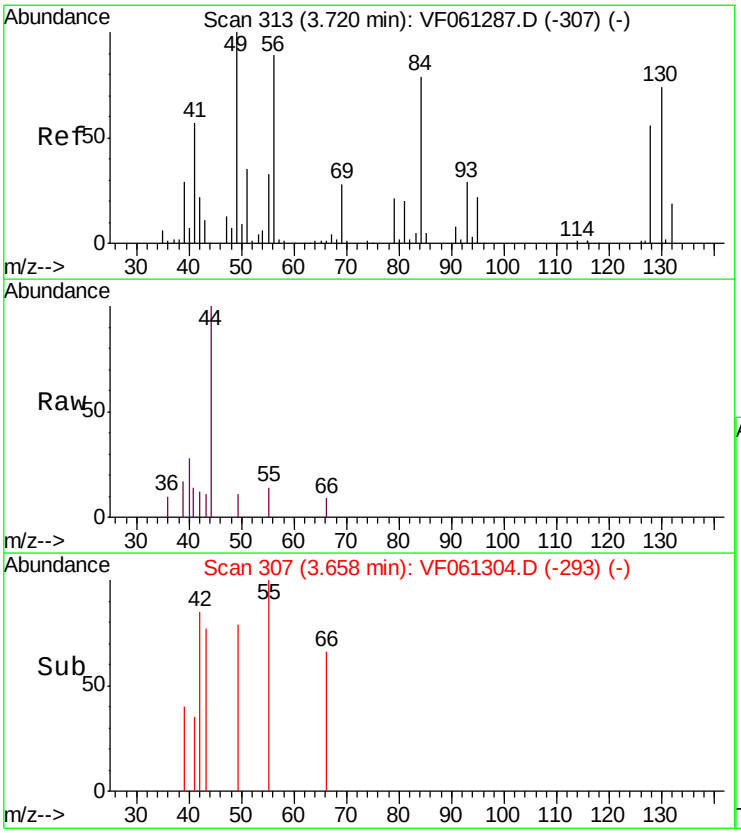

#27
cis-1,2-Dichloroethene
Concen: 7.765 ug/l
RT: 3.48 min Scan# 289
Delta R.T. 0.01 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion: 96 Resp: 120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 0.0 | 0.0 | 288.2 |
| 98 | 0.0 | 0.0 | 132.2 |

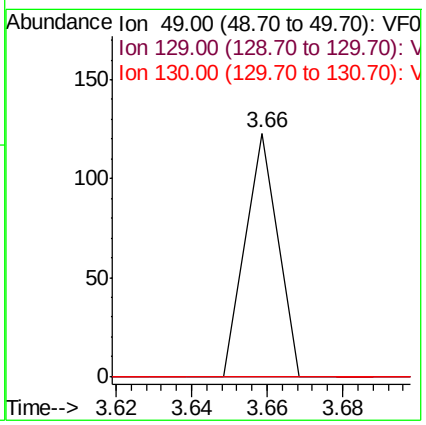


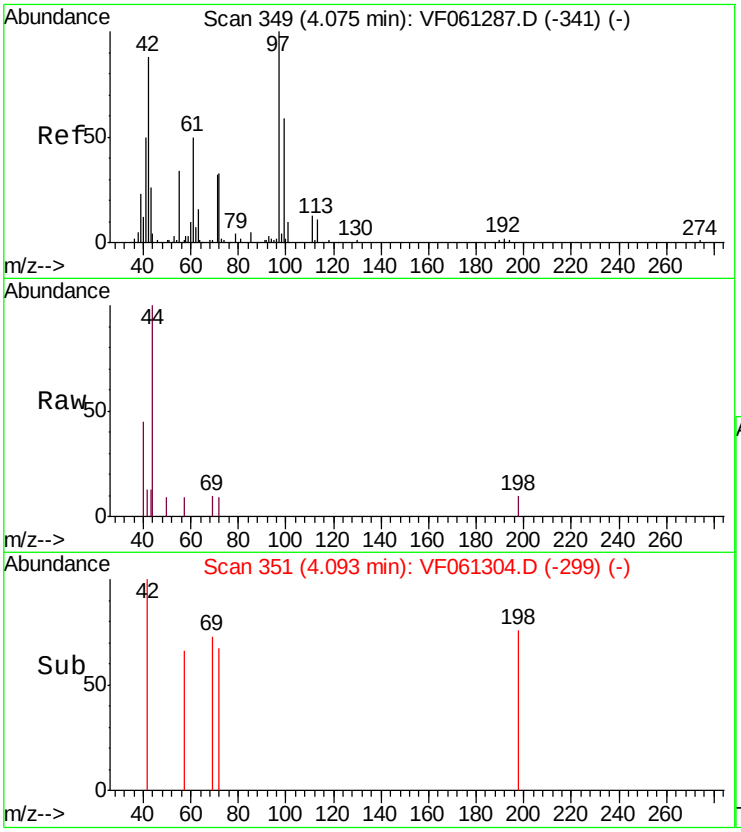




#28
Bromochloromethane
Concen: 7.749 ug/l
RT: 3.66 min Scan# 307
Delta R.T. -0.06 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 49 Resp: 73

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 0.0 |
| 130 | 0.0 | 58.6 | 88.0# |



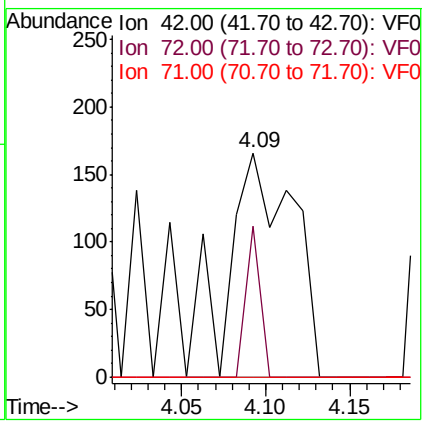


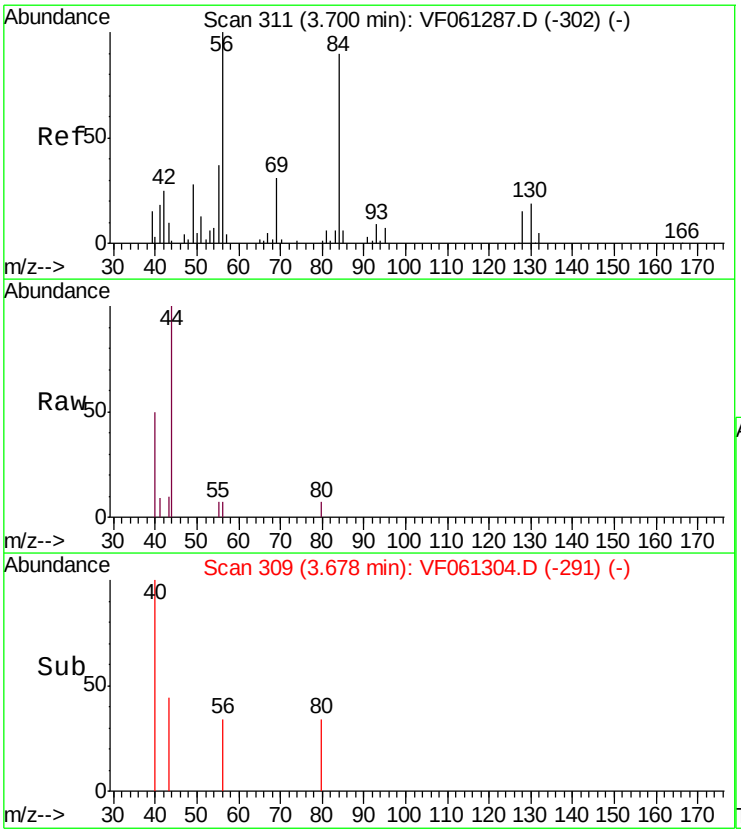

#29
Tetrahydrofuran
Concen: 260.976 ug/l
RT: 4.09 min Scan# 351
Delta R.T. 0.02 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :** MSVOA_F
**ClientSampleId :** SP-1-1

Tgt Ion: 42 Resp: 452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 14.6 | 32.3 | 48.5# |
| 71 | 0.0 | 29.5 | 44.3# |

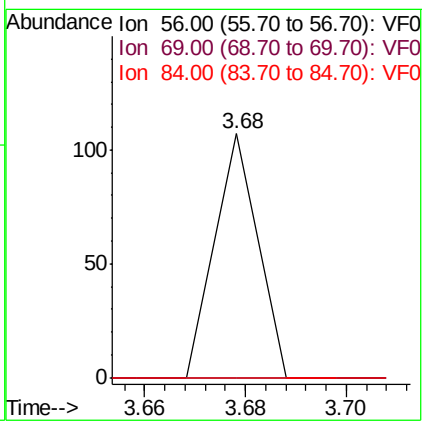


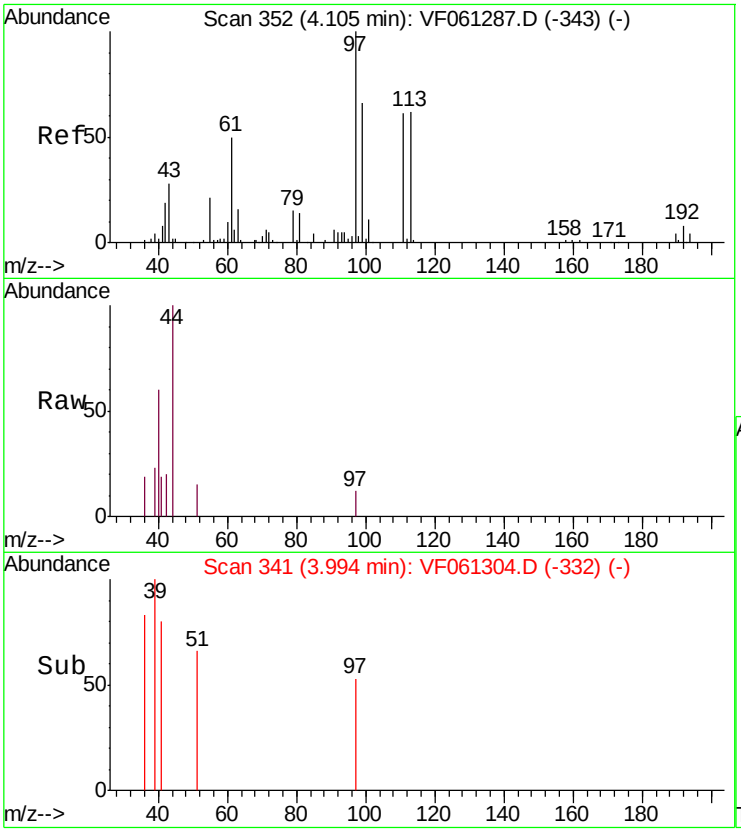




#31
Cyclohexane
Concen: 2.811 ug/l
RT: 3.68 min Scan# 309
Delta R.T. -0.02 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 56 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 0.0 | 24.7 | 37.1# |
| 84 | 0.0 | 72.2 | 108.4# |



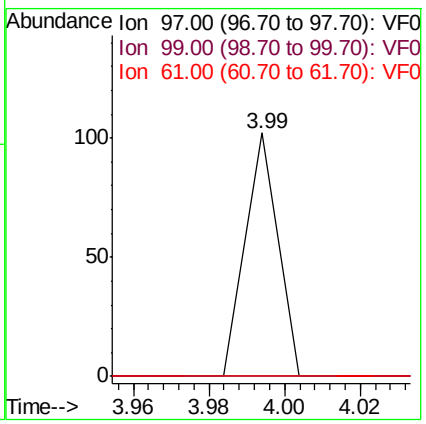


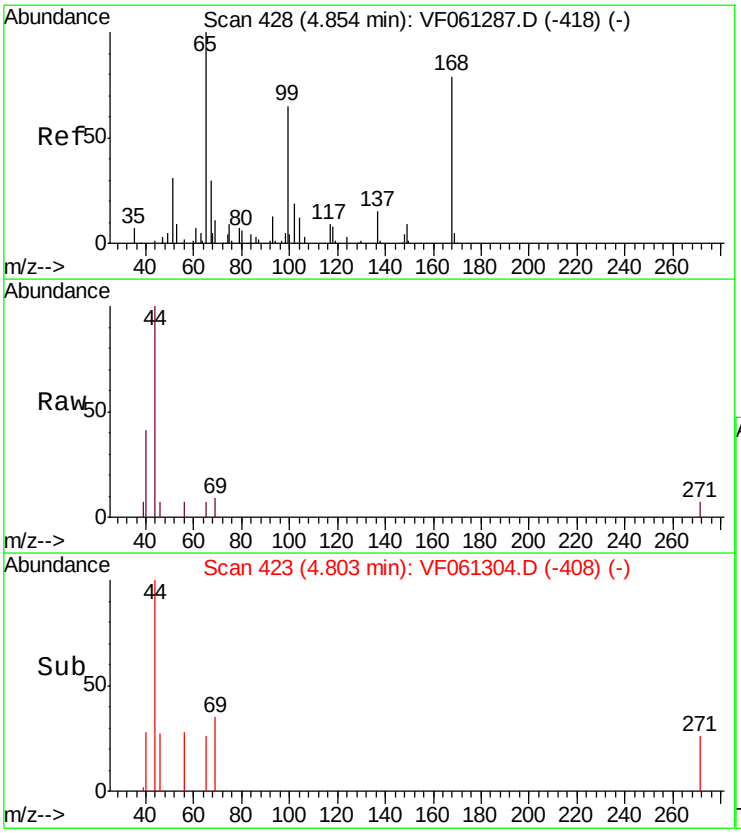

#32
1,1,1-Trichloroethane
Concen: 2.739 ug/l
RT: 3.99 min Scan# 341
Delta R.T. -0.11 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion: 97 Resp: 60

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 0.0 | 52.7 | 79.1# |
| 61 | 0.0 | 40.8 | 61.2# |

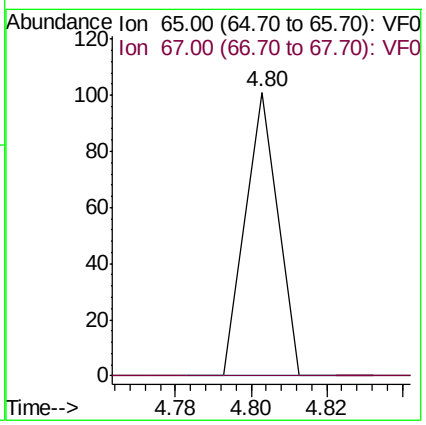


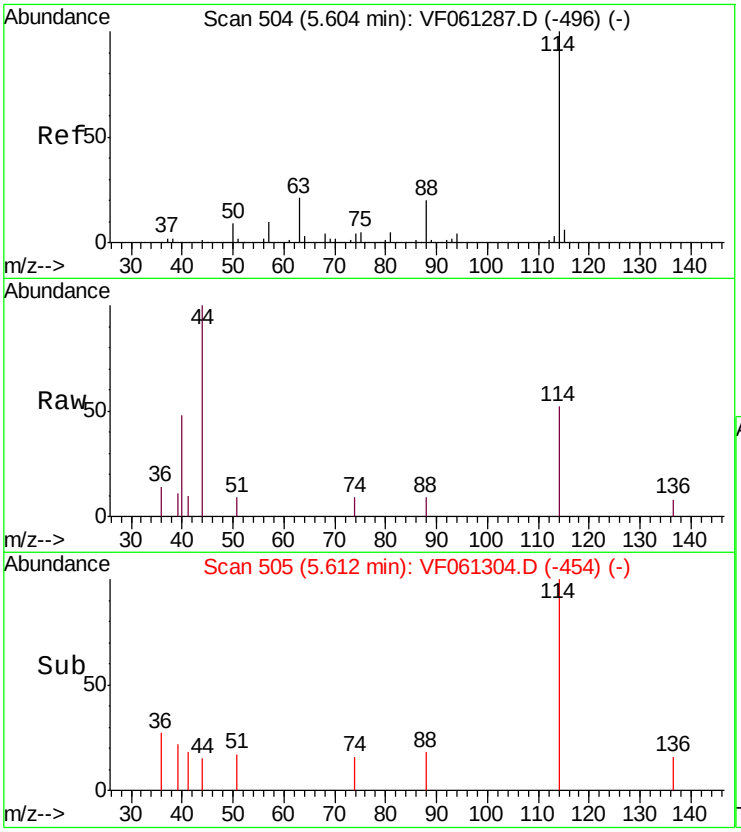




#33
1,2-Dichloroethane-d4
Concen: 5.423 ug/l
RT: 4.80 min Scan# 423
Delta R.T. -0.05 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 65 Resp: 60

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 0.0 | 0.0 | 98.2 |



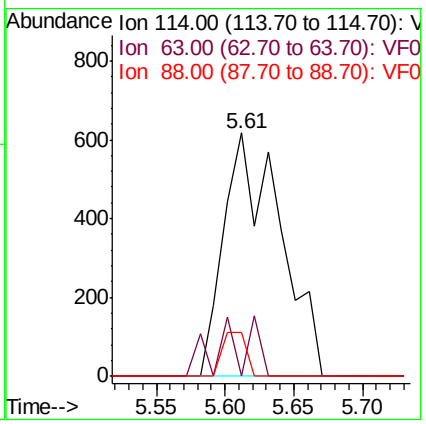


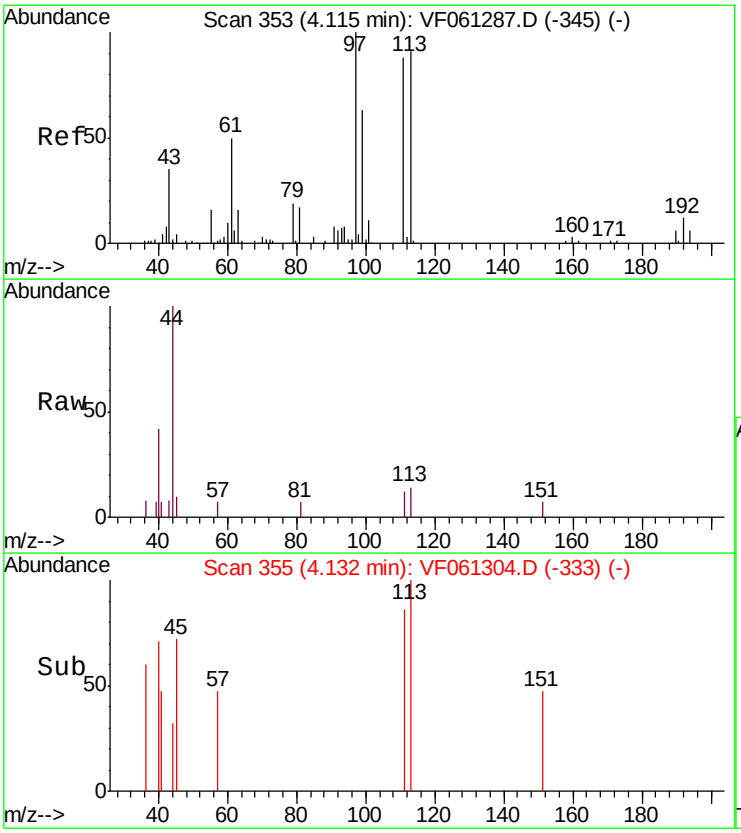

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.01 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion:114 Resp: 1758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 0.0 | 0.0 | 42.8 |
| 88 | 17.8 | 0.0 | 40.0 |

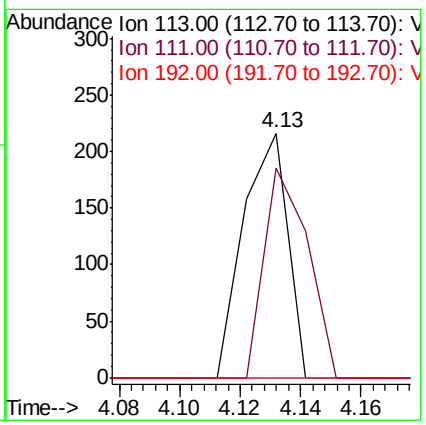


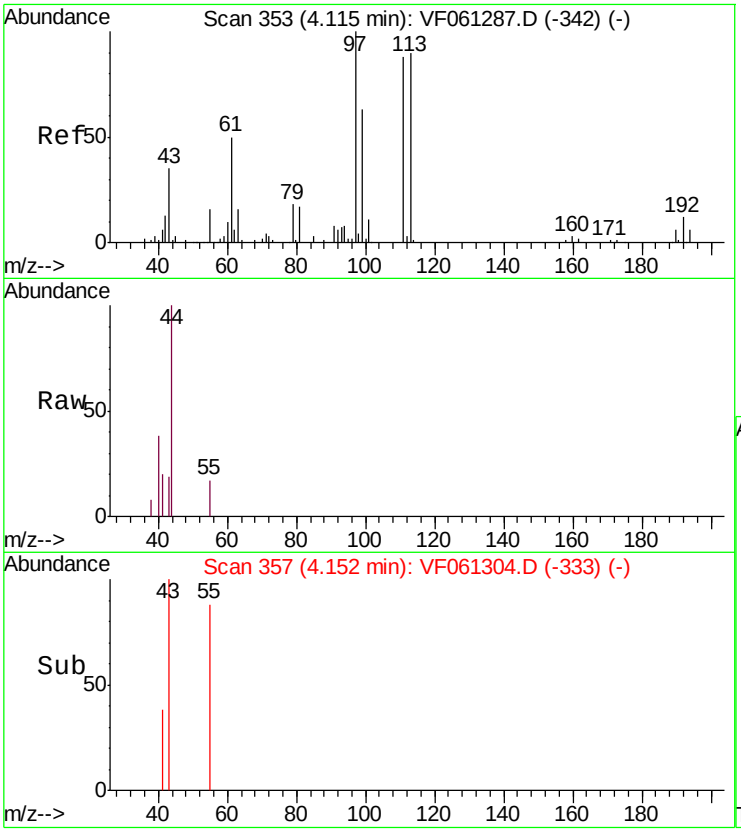




#35
Dibromofluoromethane
Concen: 16.429 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion:113 Resp: 221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 85.6 | 78.0 | 117.0 |
| 192 | 0.0 | 10.6 | 16.0# |



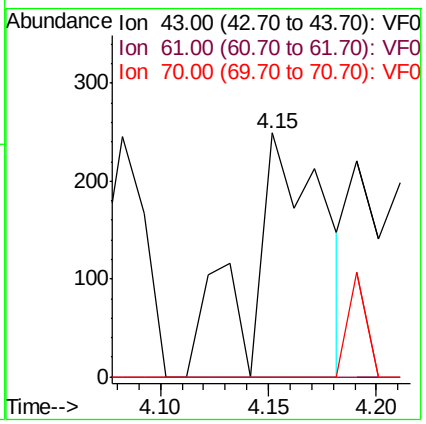


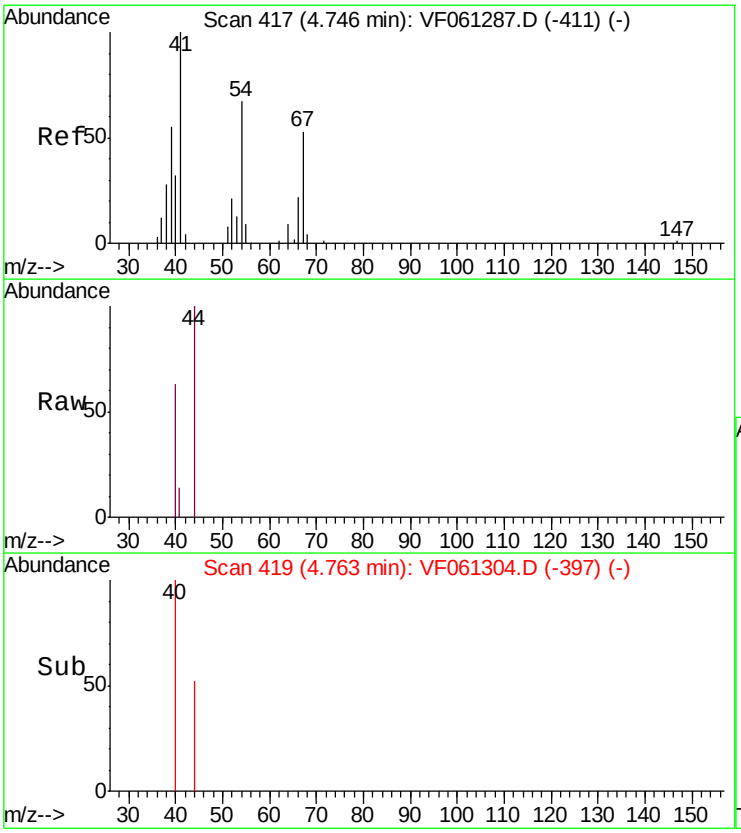

#37
Ethyl Acetate
Concen: 79.187 ug/l
RT: 4.15 min Scan# 357
Delta R.T. 0.04 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion: 43 Resp: 592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 113.3 | 169.9# |
| 70 | 0.0 | 9.4 | 14.0# |

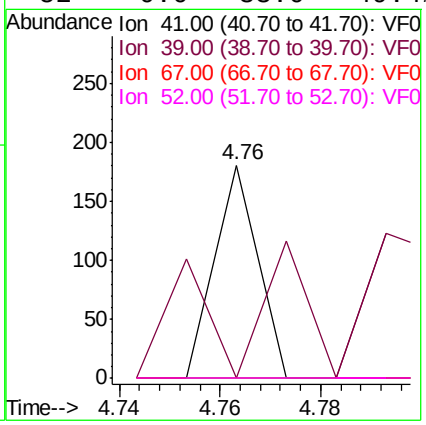


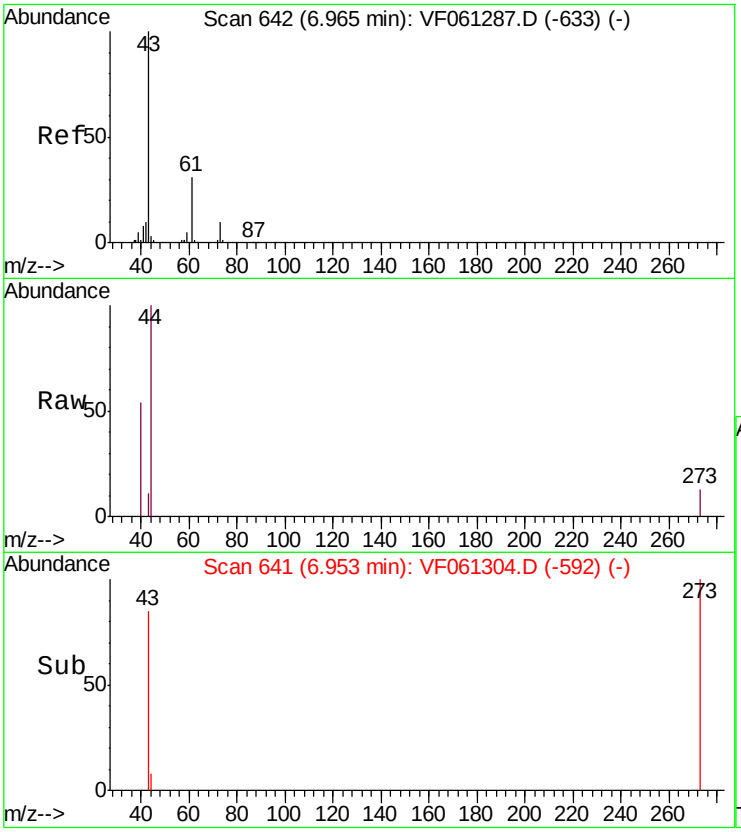




#41
Methacrylonitrile
Concen: 25.630 ug/l
RT: 4.76 min Scan# 419
Delta R.T. 0.02 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 41 Resp: 107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 0.0 | 52.7 | 79.1# |
| 67 | 0.0 | 41.4 | 62.2# |
| 52 | 0.0 | 33.0 | 49.4# |



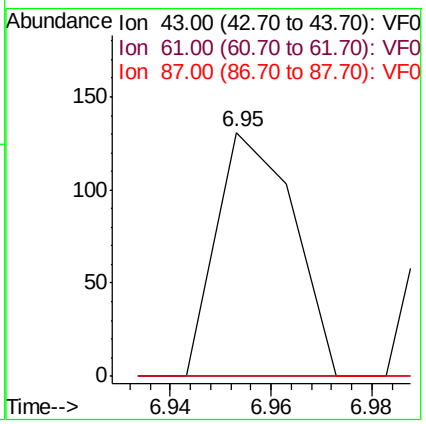


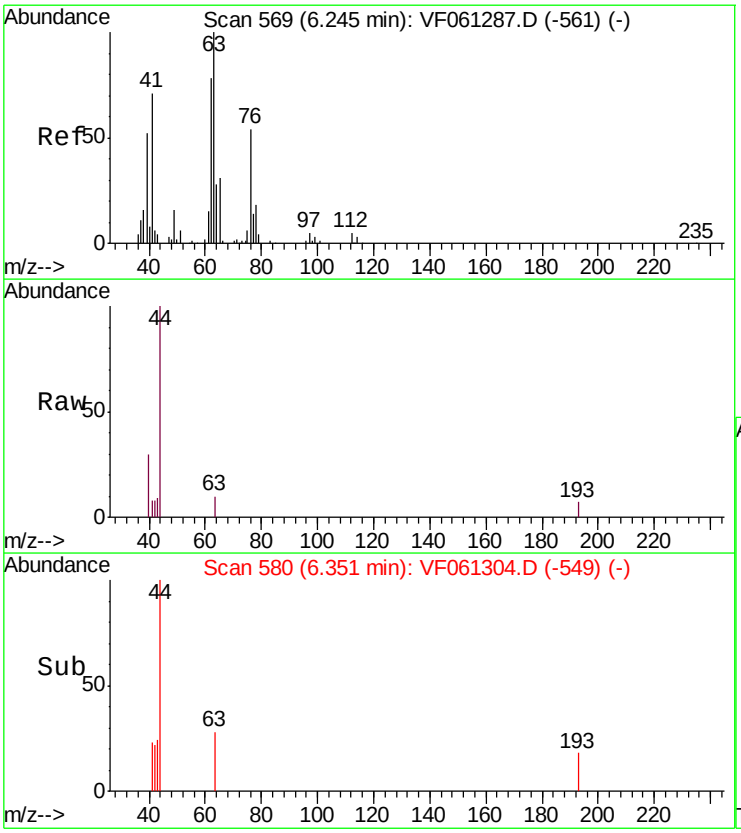

#43
Isopropyl Acetate
Concen: 14.083 ug/l
RT: 6.95 min Scan# 641
Delta R.T. -0.01 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion: 43 Resp: 139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 24.3 | 36.5# |
| 87 | 0.0 | 0.2 | 0.4# |

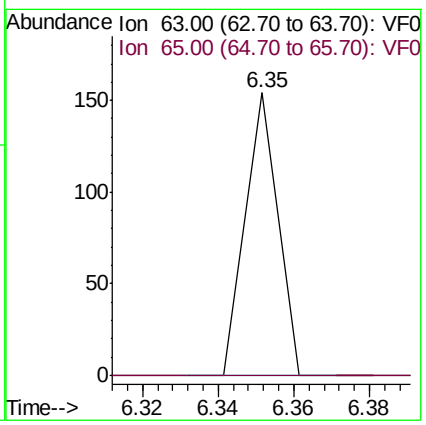


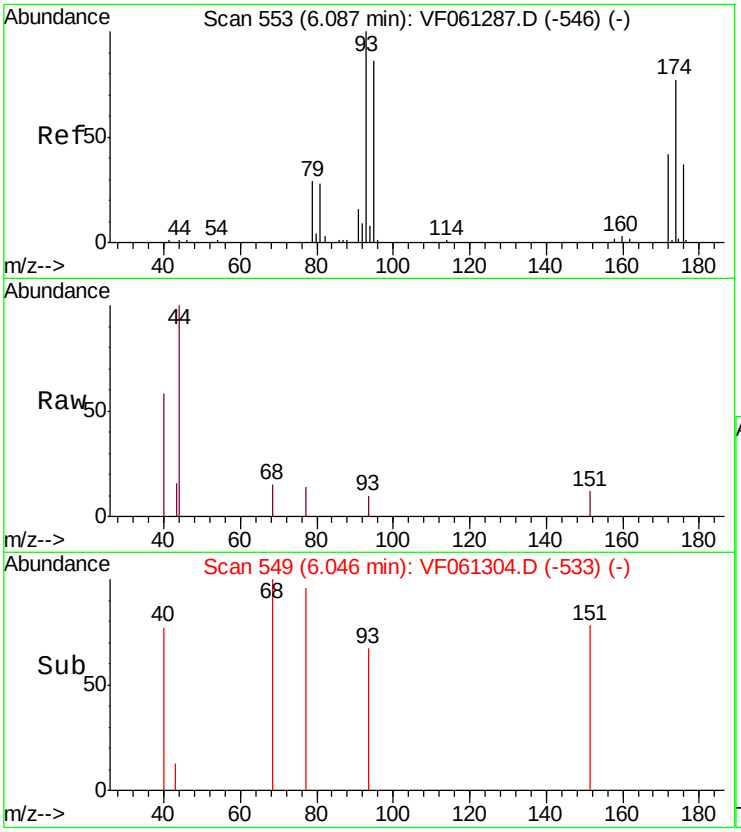




#45
1,2-Dichloropropane
Concen: 7.466 ug/l
RT: 6.35 min Scan# 580
Delta R.T. 0.11 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 63 Resp: 91

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 0.0 | 25.1 | 37.7# |



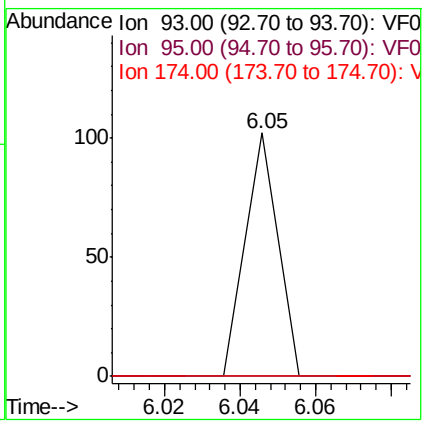


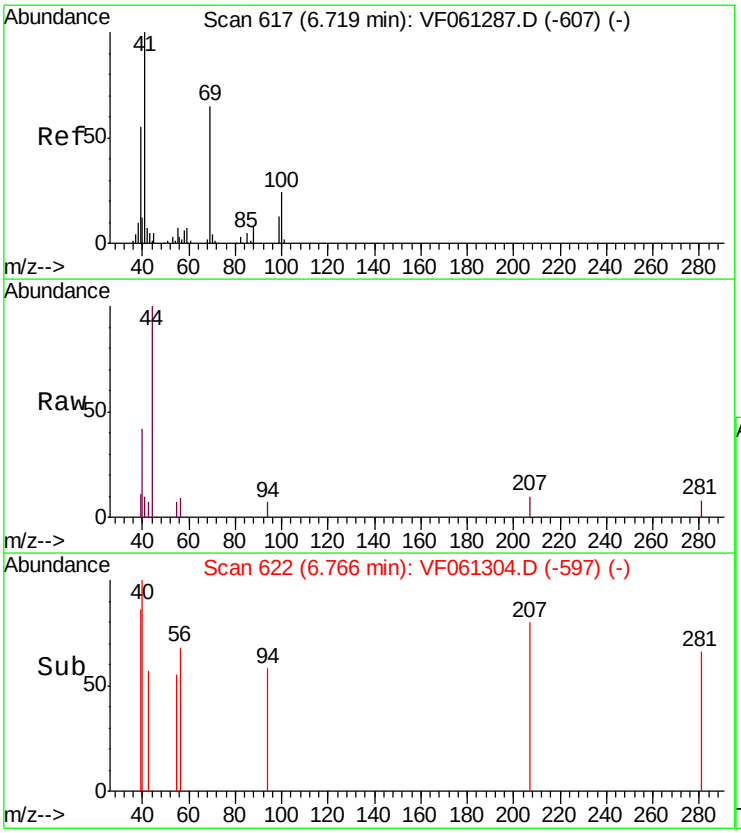

#46
Dibromomethane
Concen: 8.018 ug/l
RT: 6.05 min Scan# 549
Delta R.T. -0.04 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :** MSVOA_F
**ClientSampleId :** SP-1-1

Tgt Ion: 93 Resp: 60

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 0.0 | 68.8 | 103.2# |
| 174 | 0.0 | 62.9 | 94.3# |

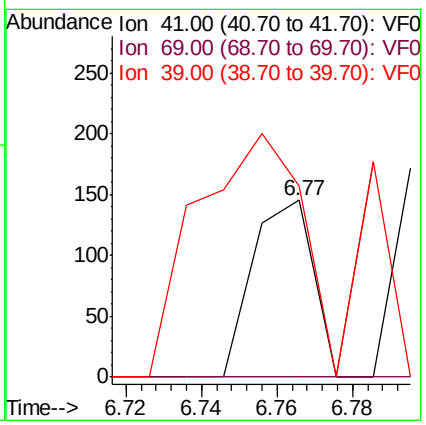


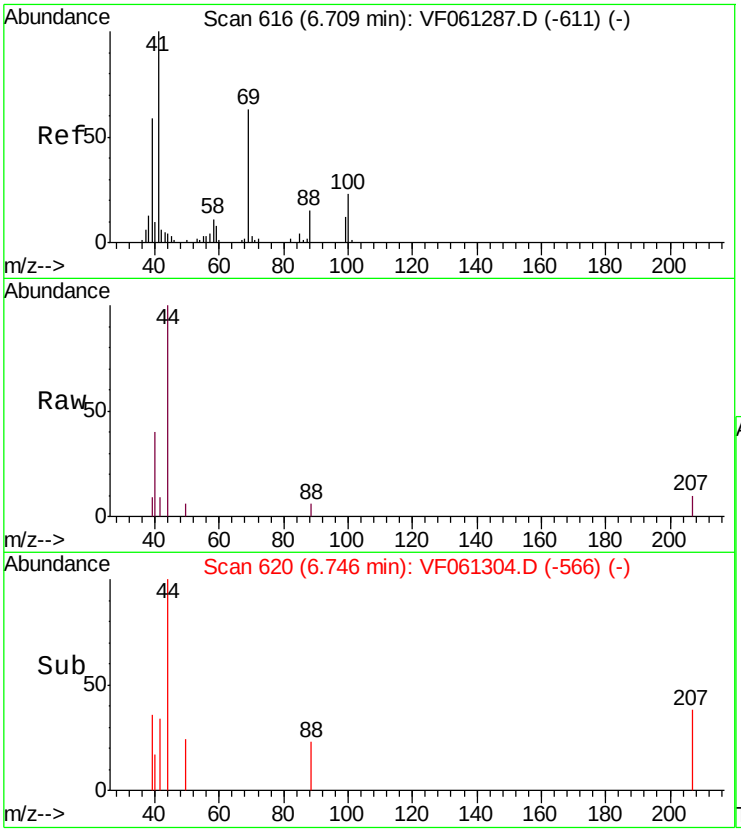




#48
Methyl methacrylate
Concen: 24.974 ug/l
RT: 6.77 min Scan# 622
Delta R.T. 0.05 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 41 Resp: 160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 0.0 | 51.5 | 77.3# |
| 39 | 108.3 | 44.1 | 66.1# |



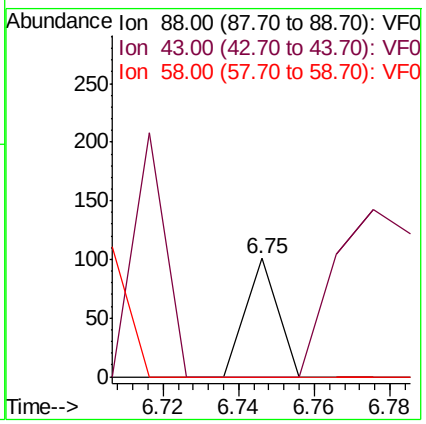


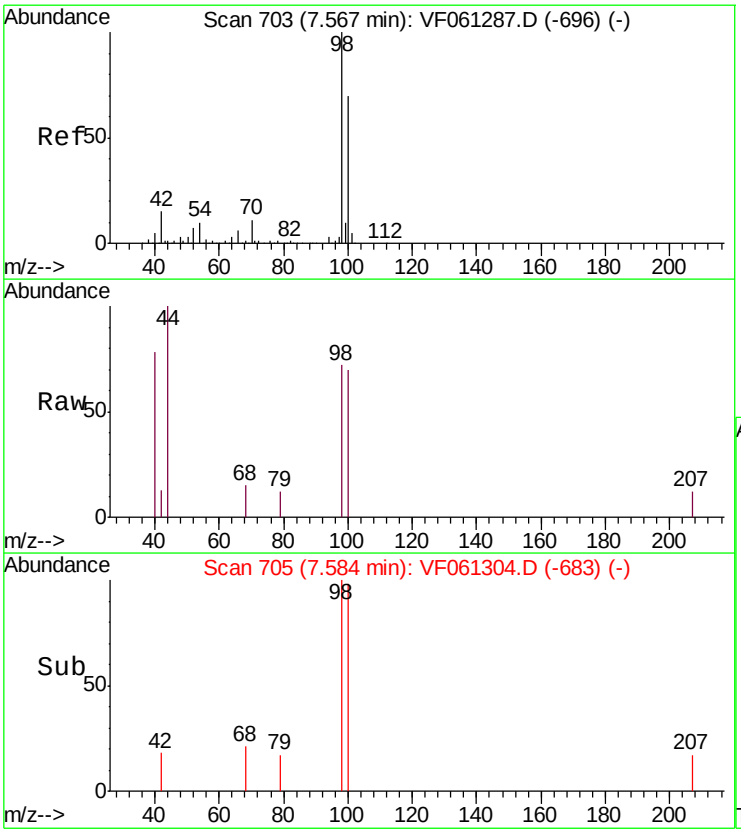

#49
1,4-Dioxane
Concen: 1484.245 ug/l
RT: 6.75 min Scan# 620
Delta R.T. 0.04 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion: 88 Resp: 60

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 0.0 | 38.5 | 57.7# |
| 58 | 0.0 | 57.0 | 85.4# |

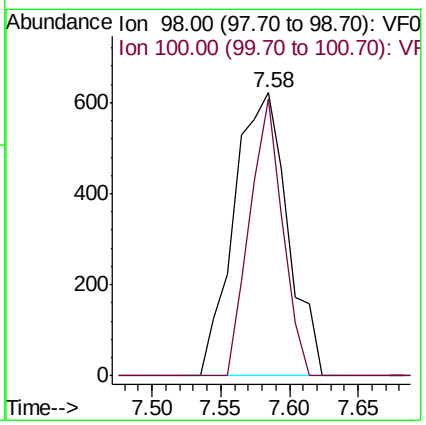


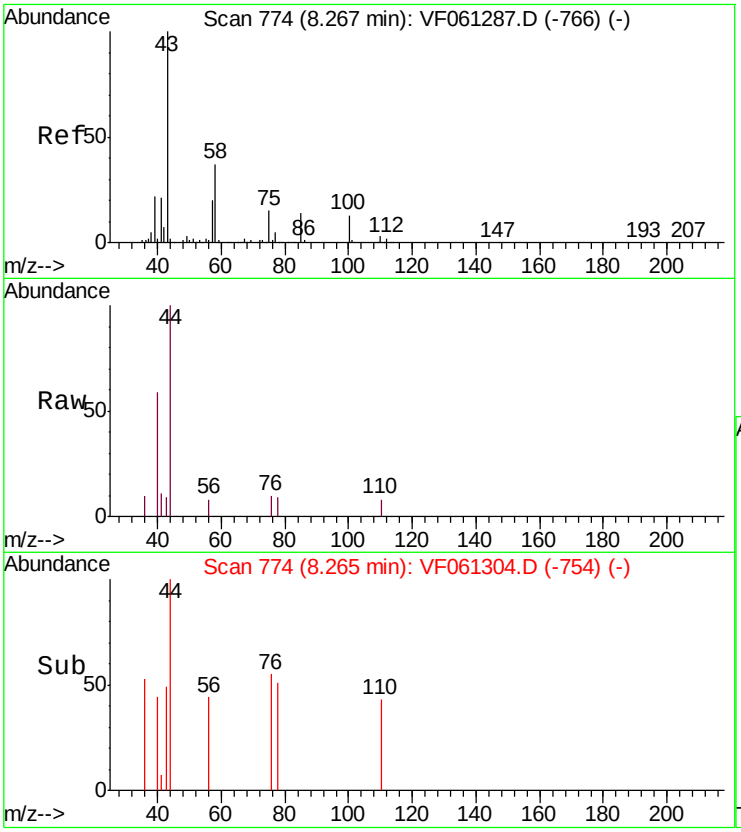




#50
Toluene-d8
Concen: 42.305 ug/l
RT: 7.58 min Scan# 705
Delta R.T. 0.02 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 98 Resp: 1684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 97.9 | 55.6 | 83.4# |



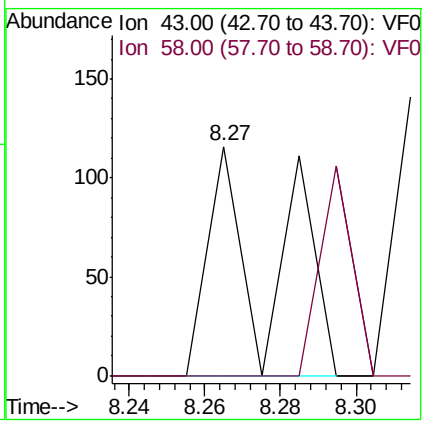


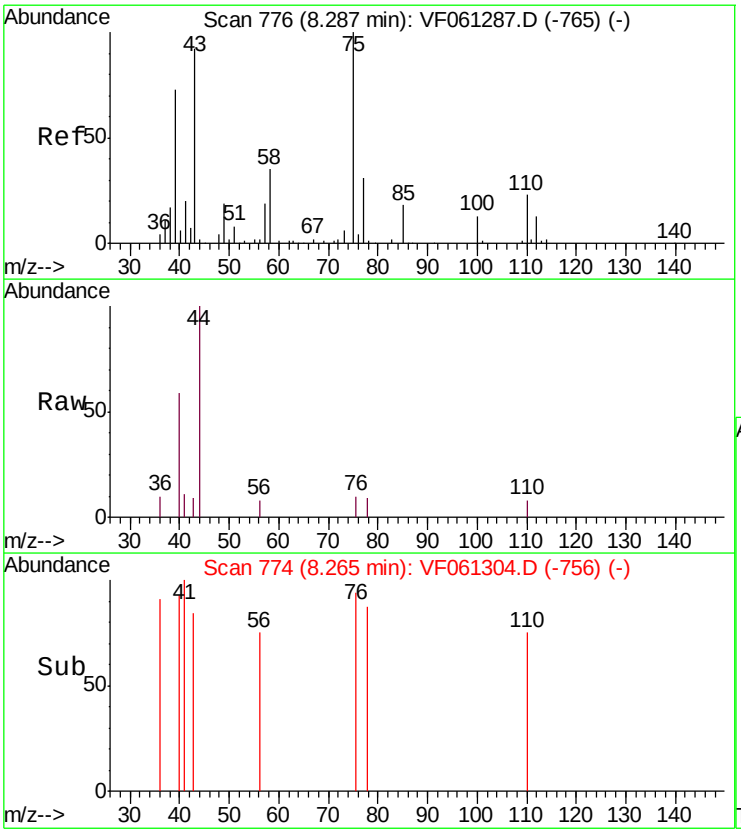

#51
4-Methyl-2-Pentanone
Concen: 17.987 ug/l
RT: 8.27 min Scan# 774
Delta R.T. -0.00 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion: 43 Resp: 134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 29.6 | 44.4# |

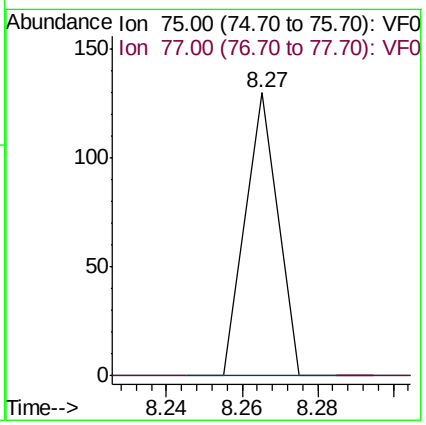


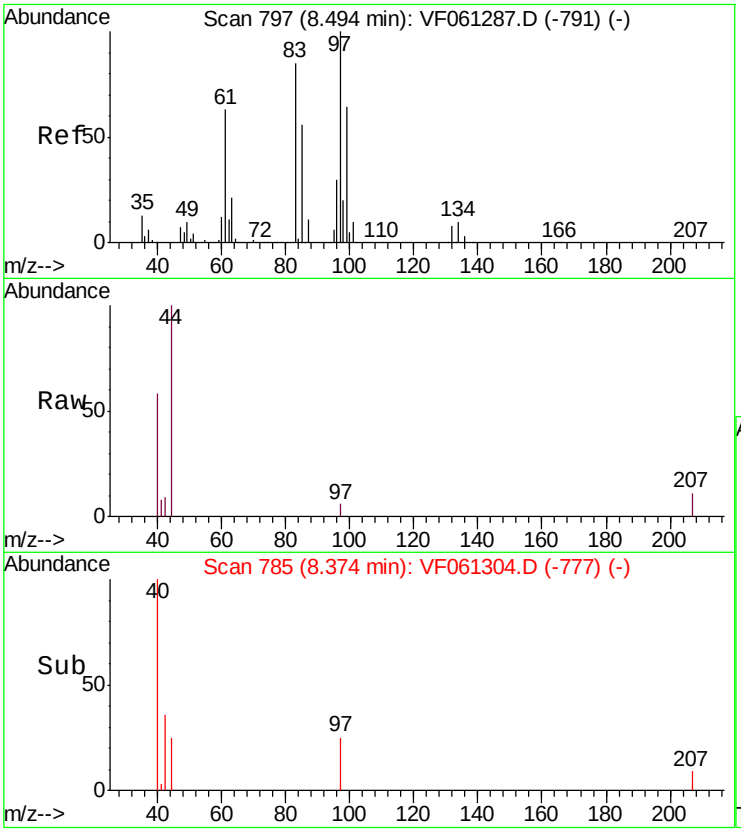




#53
t-1,3-Dichloropropene
Concen: 5.268 ug/l
RT: 8.27 min Scan# 774
Delta R.T. -0.02 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 75 Resp: 77

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 24.7 | 37.1# |



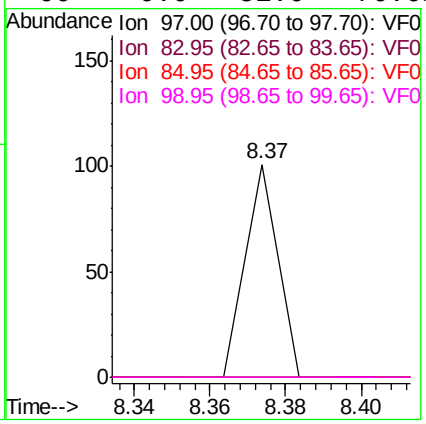


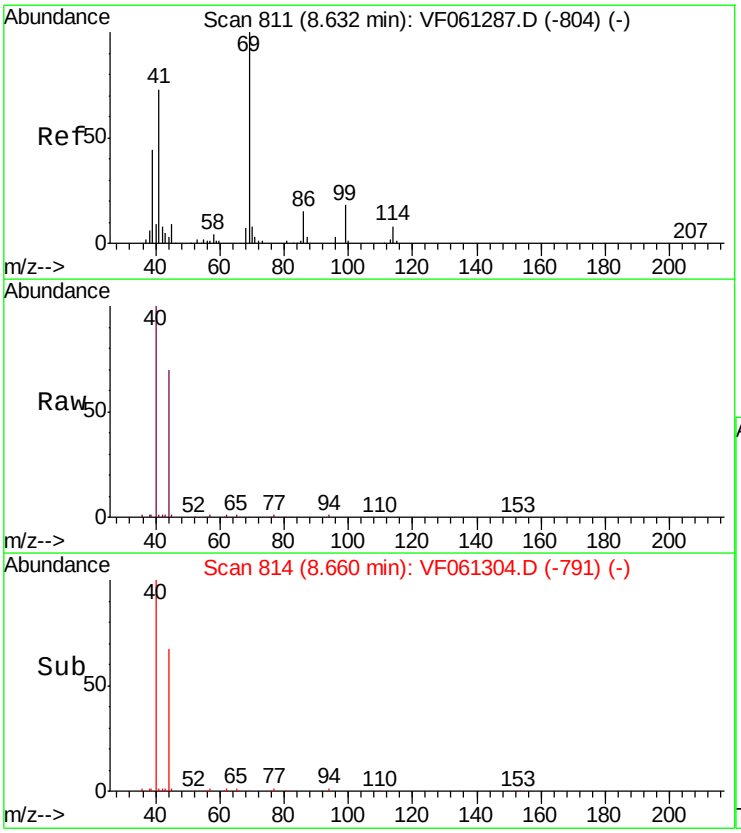

#55
1,1,2-Trichloroethane
Concen: 6.960 ug/l
RT: 8.37 min Scan# 785
Delta R.T. -0.12 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :** MSVOA_F
**ClientSampleId :** SP-1-1

Tgt Ion: 97 Resp: 60

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 0.0 | 67.8 | 101.6# |
| 85 | 0.0 | 45.1 | 67.7# |
| 99 | 0.0 | 51.0 | 76.6# |

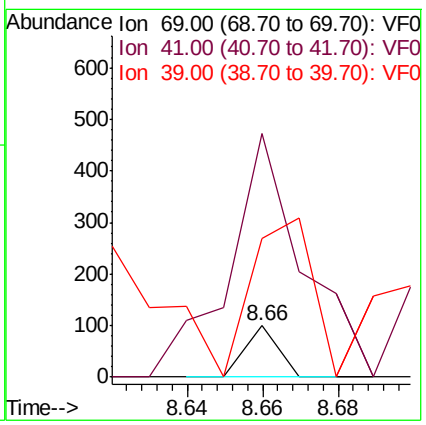


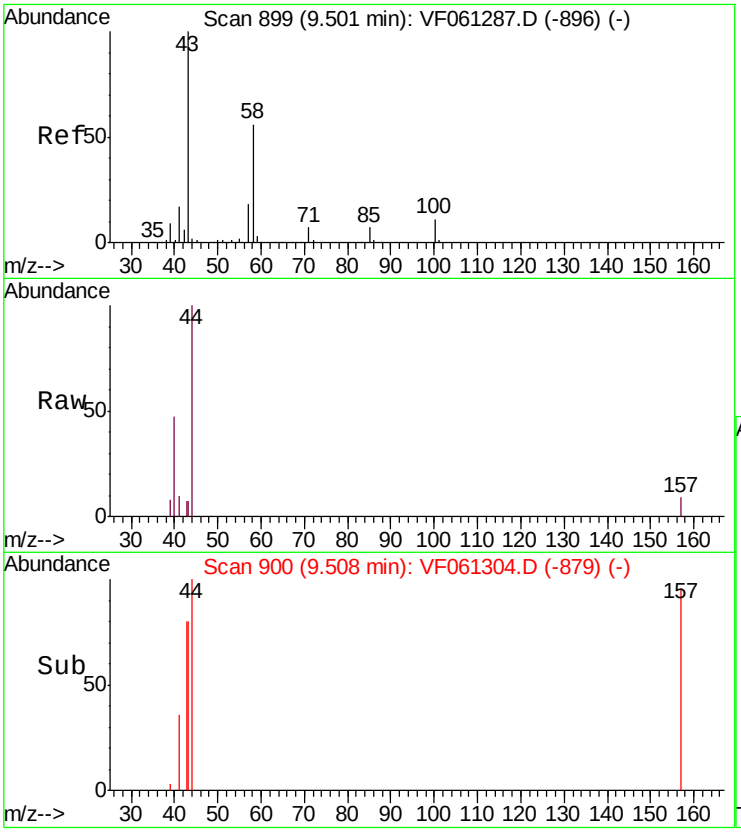




#56
Ethyl methacrylate
Concen: 6.124 ug/l
RT: 8.66 min Scan# 814
Delta R.T. 0.03 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 69 Resp: 59

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 472.0 | 59.0 | 88.4# |
| 39 | 270.0 | 35.3 | 52.9# |



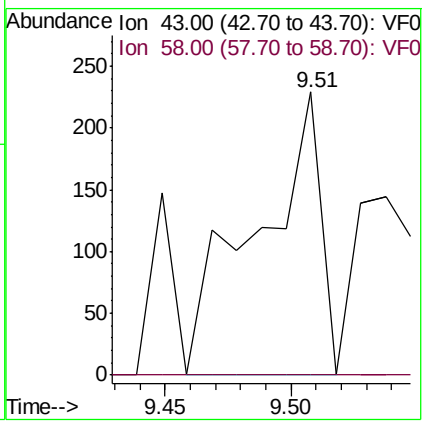


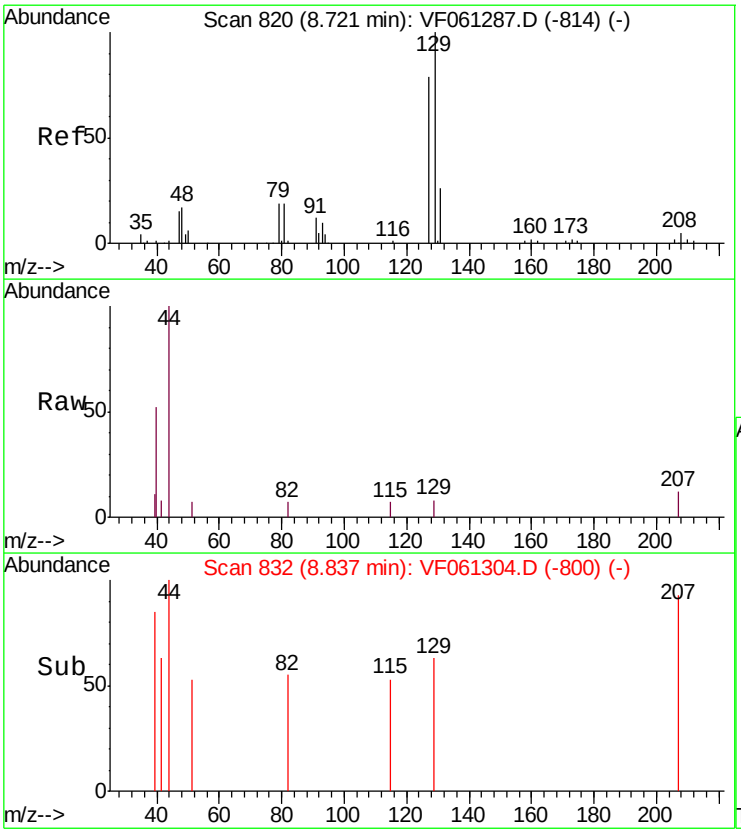

#59
2-Hexanone
Concen: 76.735 ug/l
RT: 9.51 min Scan# 900
Delta R.T. 0.01 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion: 43 Resp: 405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 25.6 | 76.8# |

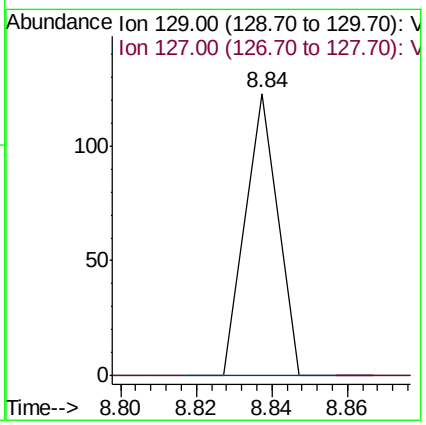


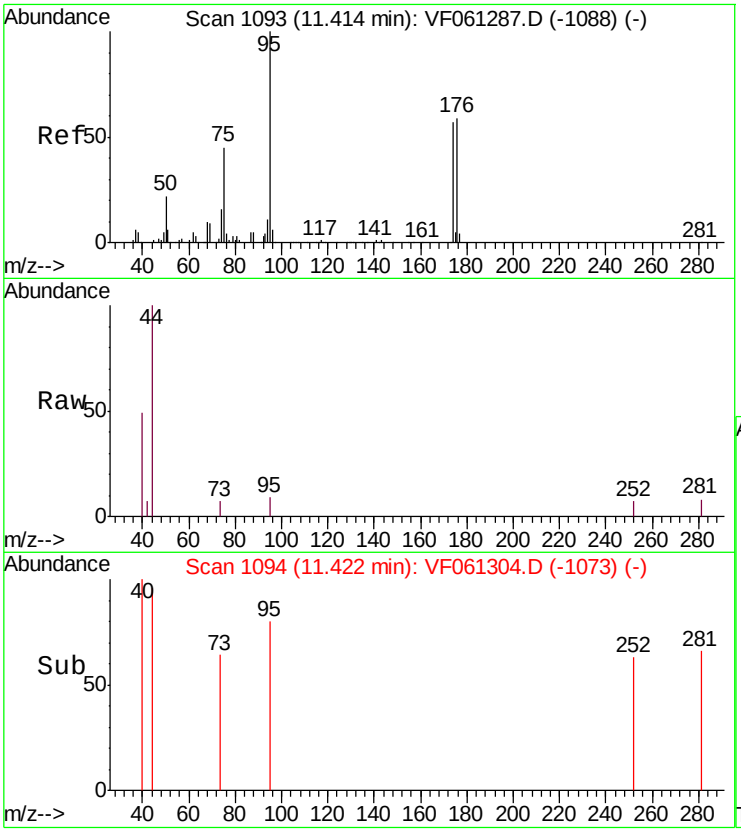




#60
Dibromochloromethane
Concen: 6.359 ug/l
RT: 8.84 min Scan# 832
Delta R.T. 0.12 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion:129 Resp: 73

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 39.4 | 118.1# |



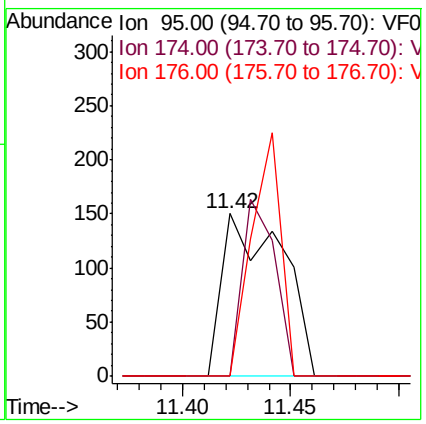


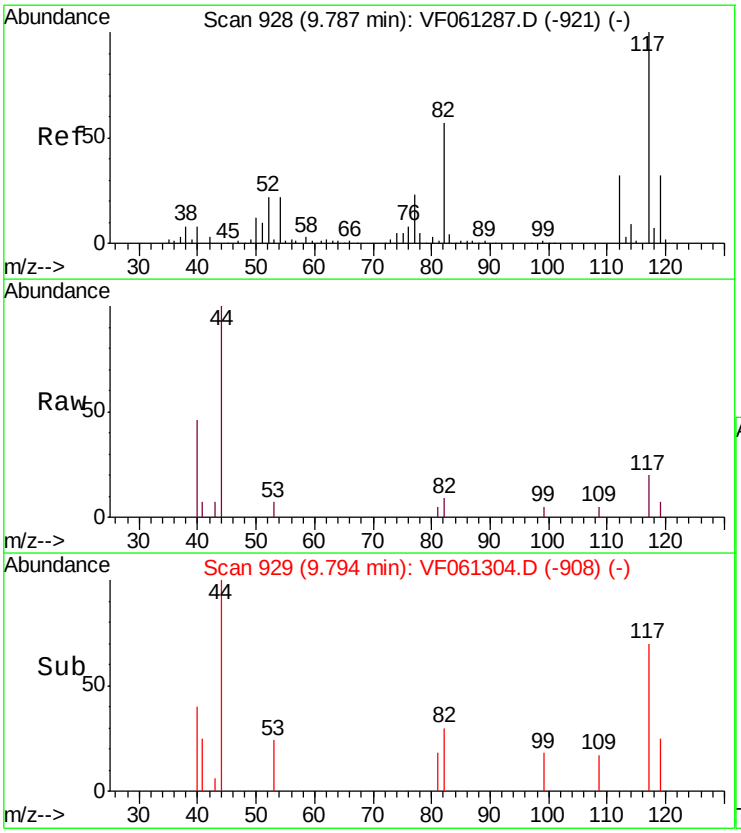

#62
4-Bromofluorobenzene
Concen: 16.741 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion: 95 Resp: 291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 0.0 | 0.0 | 114.2 |
| 176 | 0.0 | 0.0 | 117.8 |

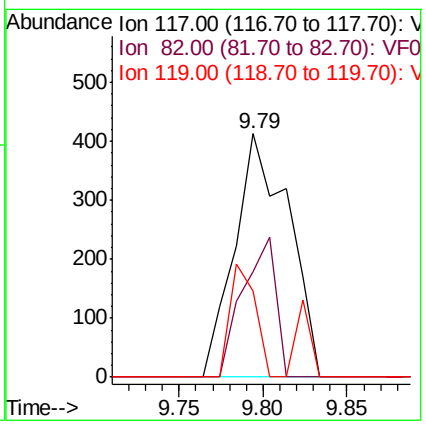


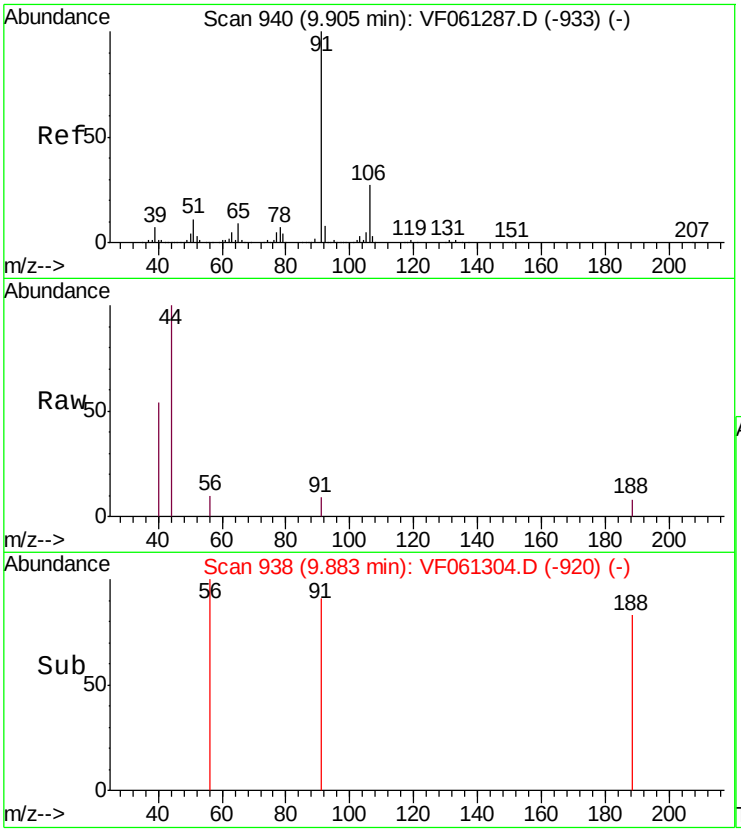




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion:117 Resp: 920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 43.1 | 45.3 | 67.9# |
| 119 | 35.6 | 25.4 | 38.0 |



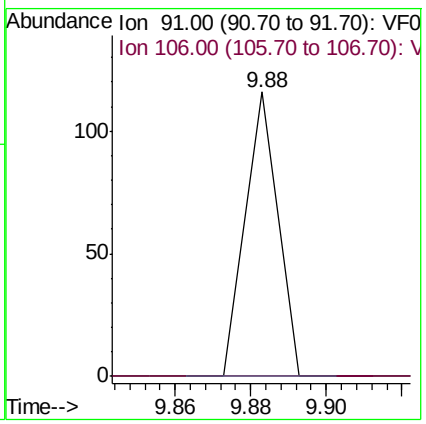


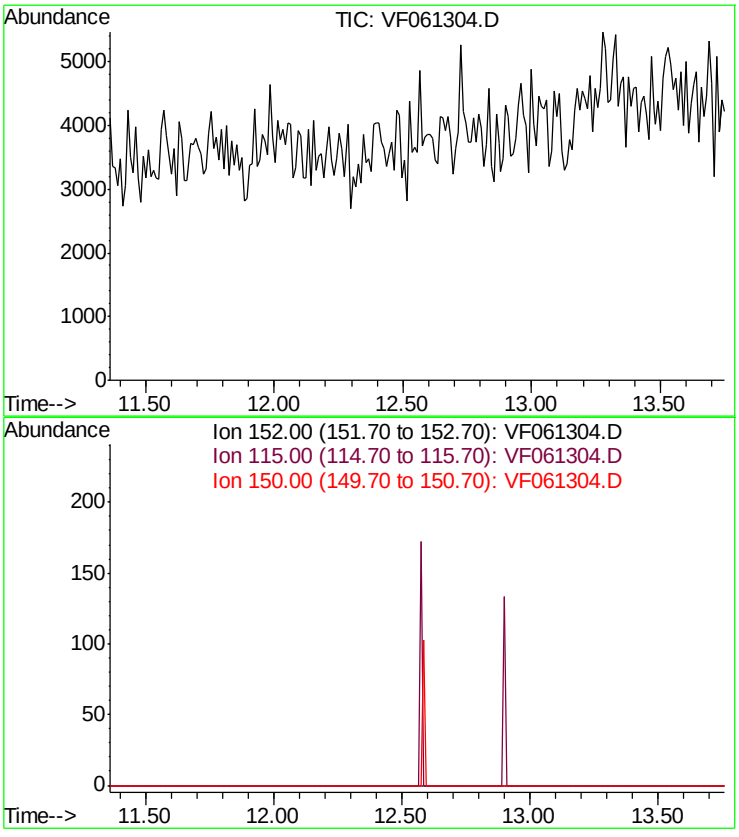

#67
Ethyl Benzene
Concen: 1.926 ug/l
RT: 9.88 min Scan# 938
Delta R.T. -0.02 min
Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

**Instrument :**
MSVOA_F
**ClientSampleId :**
SP-1-1

Tgt Ion: 91 Resp: 69

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 0.0 | 21.4 | 32.2# |




#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 12.56 min

Lab File: VF061304.D
Acq: 9 Jan 2019 16:40

Tgt Ion: 152

| Sig | Exp Ratio |
|---|---|
| 152 | 100 |
| 115 | 59.3 |
| 150 | 157.7 |