Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF020819\
Data File : VF061578.D
Acq On : 9 Feb 2019 00:58
Operator : VA/AP
Sample : K1390-07RE
Misc : 5.97g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :** SB-05(8-9)RE

Quant Time: Feb 09 04:34:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 4.86 | 168 | 1525 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 5.59 | 114 | 1735 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.77 | 117 | 1289 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.55 | 152 | 247 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 4.82 | 65 | 95 | 5.05 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 10.10% | | | |
| 35) Dibromofluoromethane | 4.10 | 113 | 531 | 38.79 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 77.58% | | | |
| 50) Toluene-d8 | 7.55 | 98 | 1886 | 50.28 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.56% | | | |
| 62) 4-Bromofluorobenzene | 11.39 | 95 | 263 | 15.01 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 30.02% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.11 | 50 | 76 | 3.459 | ug/l # | 1 |
| 4) Vinyl Chloride | 1.14 | 62 | 60 | 3.070 | ug/l # | 43 |
| 5) Bromomethane | 1.37 | 94 | 397 | 31.151 | ug/l # | 2 |
| 6) Chloroethane | 1.39 | 64 | 67 | 7.737 | ug/l # | 1 |
| 8) Diethyl Ether | 1.53 | 74 | 66 | 13.557 | ug/l | 65 |
| 10) Methyl Iodide | 1.88 | 142 | 65 | 2.297 | ug/l # | 27 |
| 11) Tert butyl alcohol | 2.58 | 59 | 67 | 84.070 | ug/l # | 64 |
| 12) 1,1-Dichloroethene | 1.79 | 96 | 227 | 16.736 | ug/l # | 1 |
| 13) Acrolein | 2.01 | 56 | 244 | 351.089 | ug/l # | 1 |
| 14) Allyl chloride | 2.09 | 41 | 91 | Below Cal | # | 49 |
| 15) Acrylonitrile | 2.91 | 53 | 376 | 184.186 | ug/l # | 47 |
| 16) Acetone | 2.28 | 43 | 669 | 177.118 | ug/l | 99 |
| 17) Carbon Disulfide | 1.86 | 76 | 72 | 1.702 | ug/l # | 69 |
| 18) Methyl Acetate | 2.32 | 43 | 251 | 33.508 | ug/l # | 61 |
| 19) Methyl tert-butyl Ether | 2.45 | 73 | 66 | 2.171 | ug/l # | 59 |
| 20) Methylene Chloride | 2.08 | 84 | 111 | 7.151 | ug/l # | 1 |
| 21) trans-1,2-Dichloroethene | 2.26 | 96 | 68 | 4.557 | ug/l # | 1 |
| 22) Diisopropyl ether | 2.82 | 45 | 429 | 8.888 | ug/l # | 43 |
| 23) Vinyl Acetate | 3.16 | 43 | 203 | 12.633 | ug/l # | 78 |
| 24) 1,1-Dichloroethane | 2.90 | 63 | 90 | 2.971 | ug/l # | 85 |
| 25) 2-Butanone | 4.32 | 43 | 430 | 68.458 | ug/l # | 57 |
| 26) 2,2-Dichloropropane | 3.63 | 77 | 74 | 3.976 | ug/l # | 61 |
| 27) cis-1,2-Dichloroethene | 3.50 | 96 | 75 | 3.405 | ug/l | 1 |
| 29) Tetrahydrofuran | 4.05 | 42 | 60 | 22.184 | ug/l # | 38 |
| 31) Cyclohexane | 3.74 | 56 | 63 | 2.082 | ug/l # | 13 |
| 37) Ethyl Acetate | 4.09 | 43 | 111 | 13.804 | ug/l # | 5 |
| 39) Methylcyclohexane | 5.54 | 83 | 62 | 2.844 | ug/l # | 15 |
| 41) Methacrylonitrile | 4.73 | 41 | 159 | 37.160 | ug/l # | 29 |
| 43) Isopropyl Acetate | 6.92 | 43 | 171 | 16.944 | ug/l # | 51 |
| 44) Trichloroethene | 5.61 | 130 | 80 | 5.826 | ug/l | 1 |
| 48) Methyl methacrylate | 6.68 | 41 | 170 | 25.085 | ug/l # | 48 |
| 51) 4-Methyl-2-Pentanone | 8.23 | 43 | 396 | 53.373 | ug/l # | 39 |
| 59) 2-Hexanone | 9.48 | 43 | 168 | 32.472 | ug/l # | 26 |
| 66) 1,1,1,2-Tetrachloroethane | 10.07 | 131 | 70 | 6.704 | ug/l # | 8 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF020819\
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Acq On : 9 Feb 2019 00:58
Operator : VA/AP
Sample : K1390-07RE
Misc : 5.97g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :** SB-05(8-9)RE

Quant Time: Feb 09 04:34:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 67) Ethyl Benzene | 9.96 | 91 | 80 | 1.670 | ug/l | # | 46 |
| 73) Isopropylbenzene | 11.01 | 105 | 64 | 3.186 | ug/l | # | 50 |
| 74) N-amyl acetate | 11.40 | 43 | 74 | 15.578 | ug/l | # | 47 |
| 76) 1,2,3-Trichloropropane | 11.81 | 75 | 78 | 30.332 | ug/l | # | 42 |
| 78) n-propylbenzene | 11.55 | 91 | 77 | 3.023 | ug/l | # | 54 |
| 79) 2-Chlorotoluene | 11.55 | 91 | 77 | 5.524 | ug/l | # | 45 |
| 80) 1,3,5-Trimethylbenzene | 11.95 | 105 | 68 | 4.194 | ug/l | # | 28 |
| 81) trans-1,4-Dichloro-2-buten | 11.81 | 75 | 78 | 69.776 | ug/l | # | 19 |
| 84) 1,2,4-Trimethylbenzene | 12.21 | 105 | 63 | 3.773 | ug/l | # | 28 |
| 85) sec-Butylbenzene | 12.21 | 105 | 63 | 2.765 | ug/l | # | 56 |

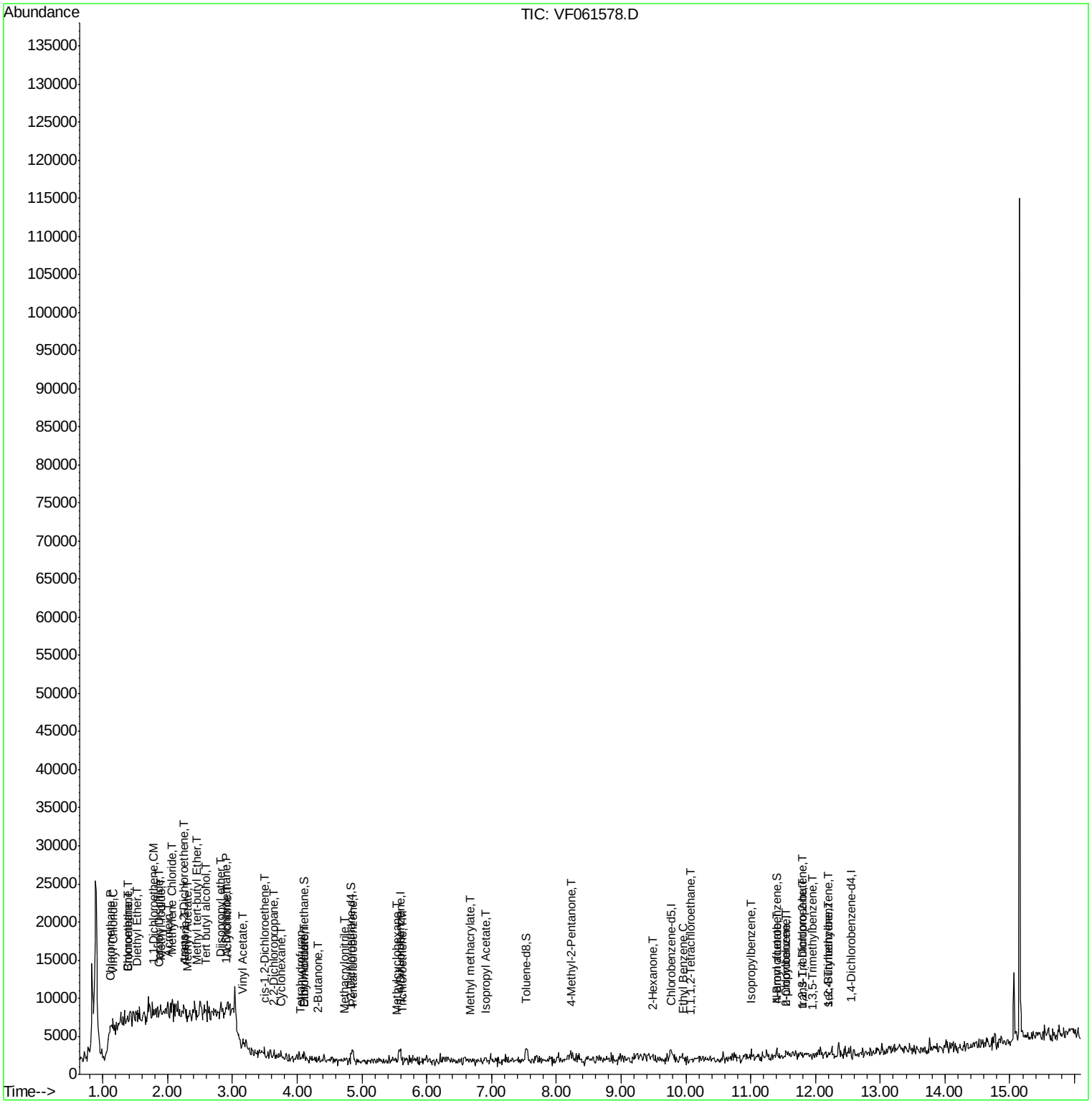
(#) = qualifier out of range (m) = manual integration (+) = signals summed

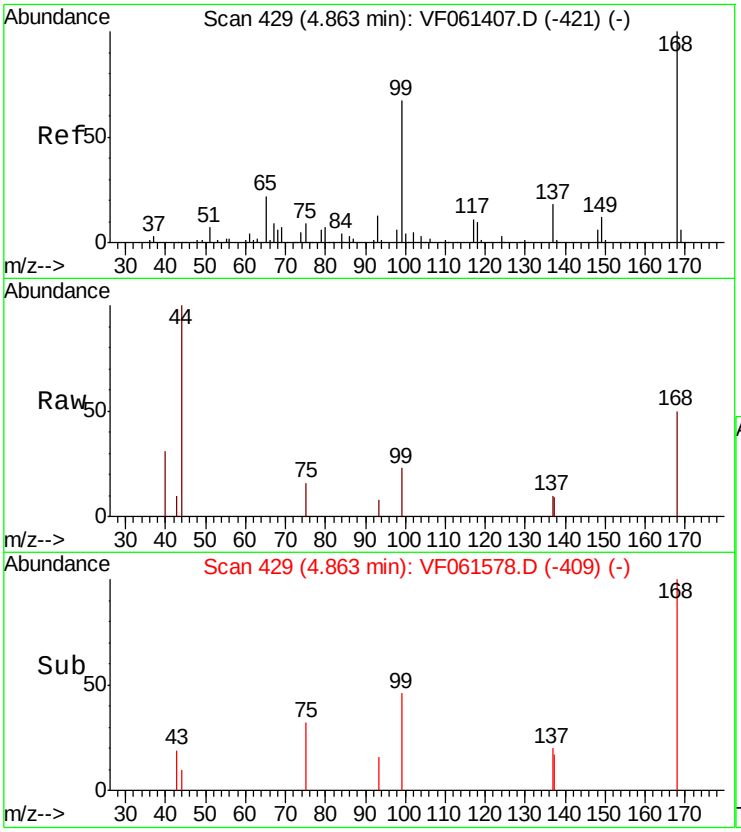
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF020819\
Data File : VF061578.D
Acq On : 9 Feb 2019 00:58
Operator : VA/AP
Sample : K1390-07RE
Misc : 5.97g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Quant Time: Feb 09 04:34:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration



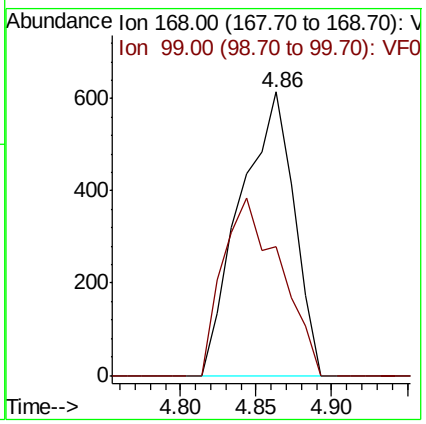


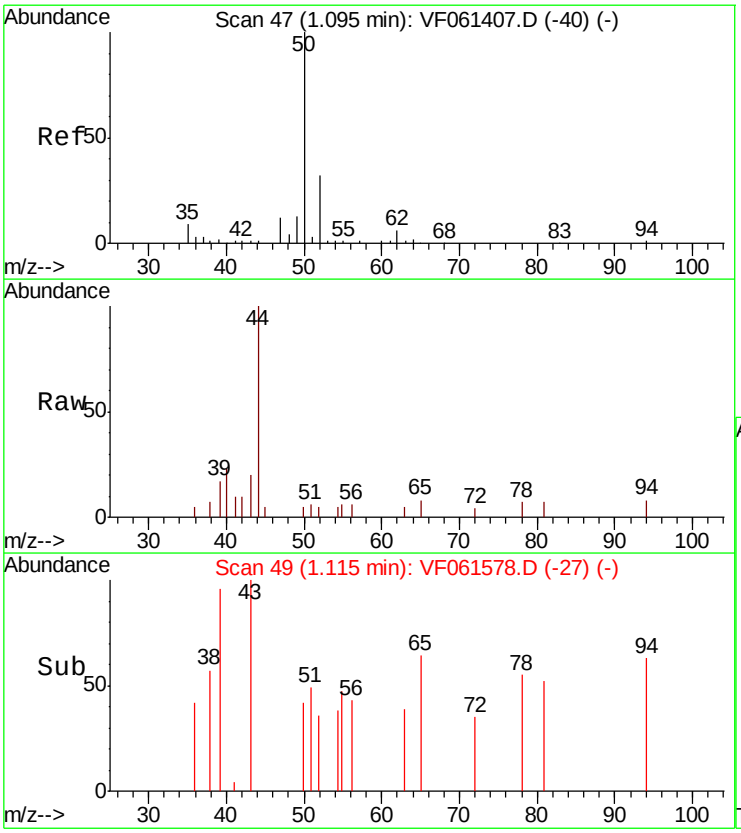

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.00 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion:168 Resp: 1525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 45.6 | 53.5 | 80.3# |

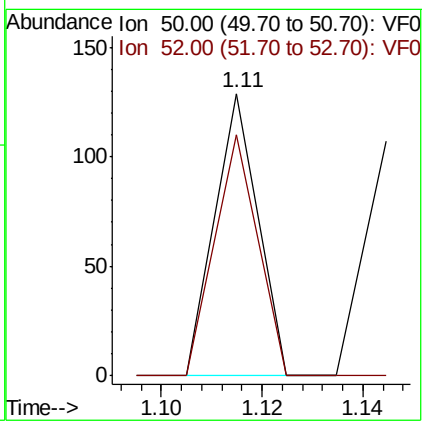


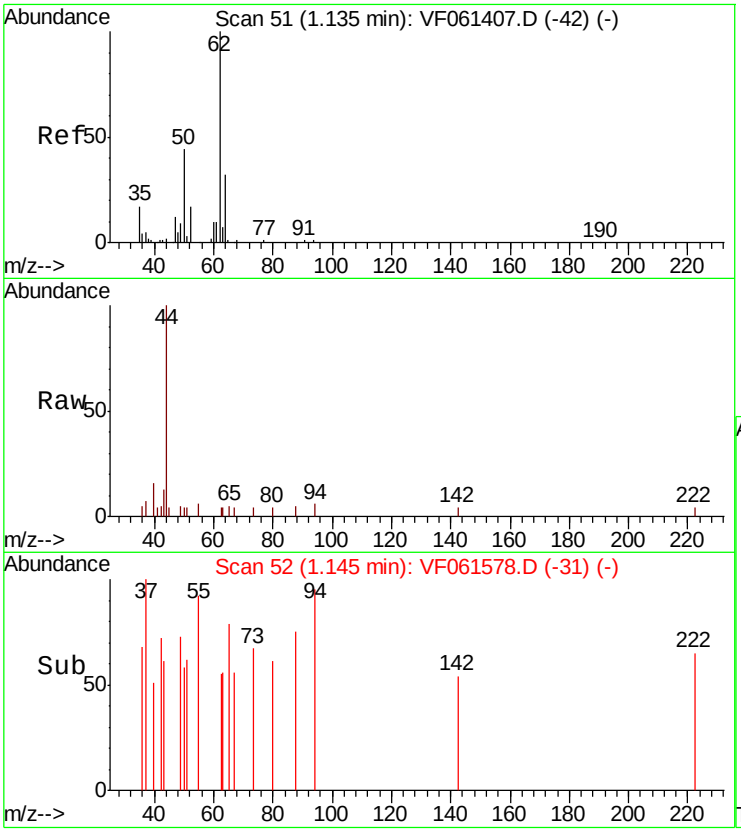




#3
Chloromethane
Concen: 3.459 ug/l
RT: 1.11 min Scan# 49
Delta R.T. 0.02 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 50 Resp: 76

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 85.3 | 24.6 | 36.8# |



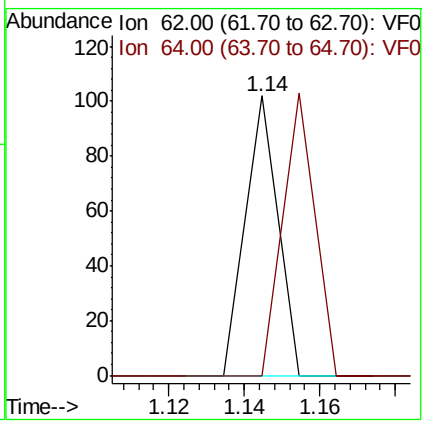


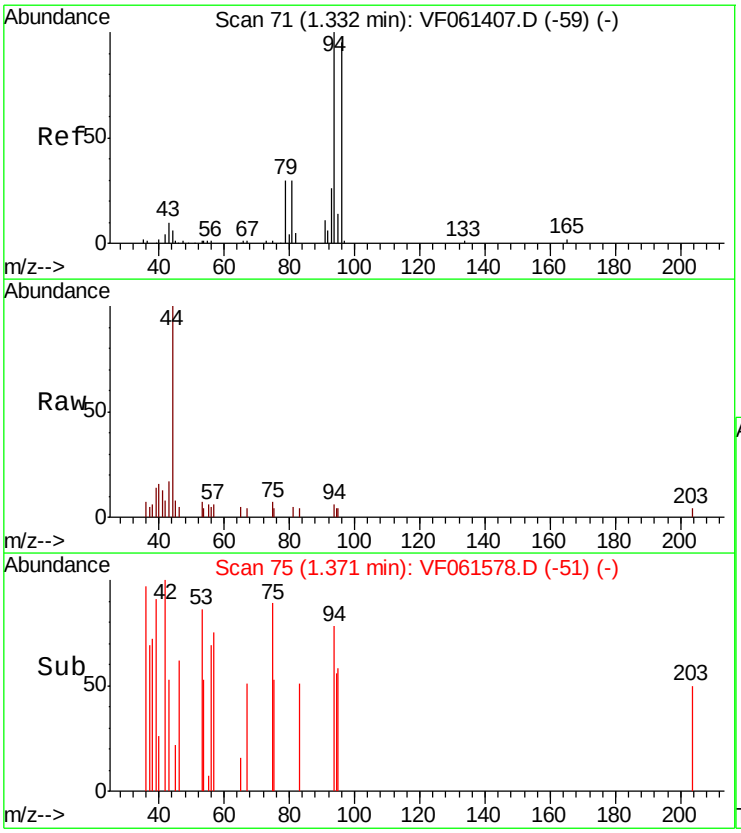

#4
Vinyl Chloride
Concen: 3.070 ug/l
RT: 1.14 min Scan# 52
Delta R.T. 0.01 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion: 62 Resp: 60

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 0.0 | 25.6 | 38.4# |

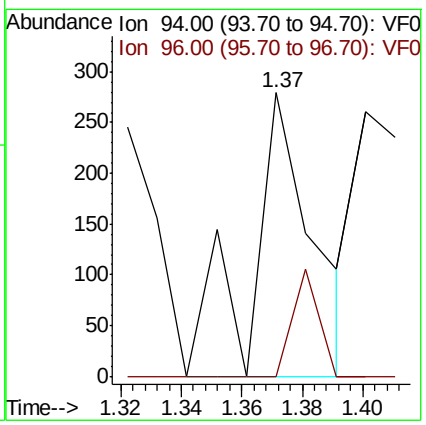


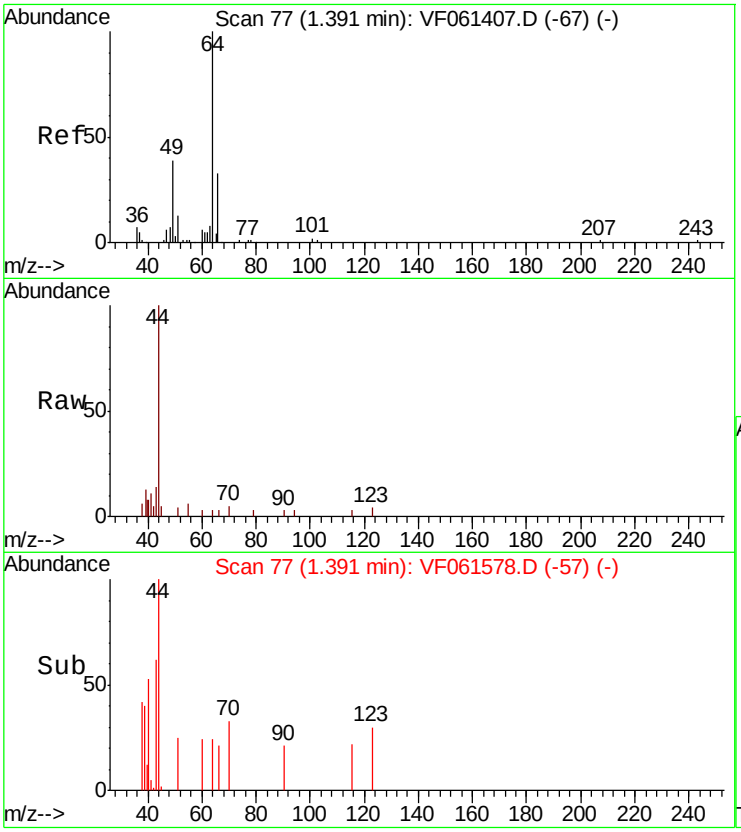




#5
Bromomethane
Concen: 31.151 ug/l
RT: 1.37 min Scan# 75
Delta R.T. 0.04 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 94 Resp: 397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 0.0 | 76.0 | 114.0# |



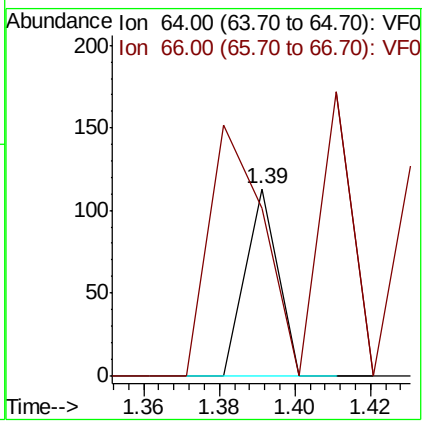


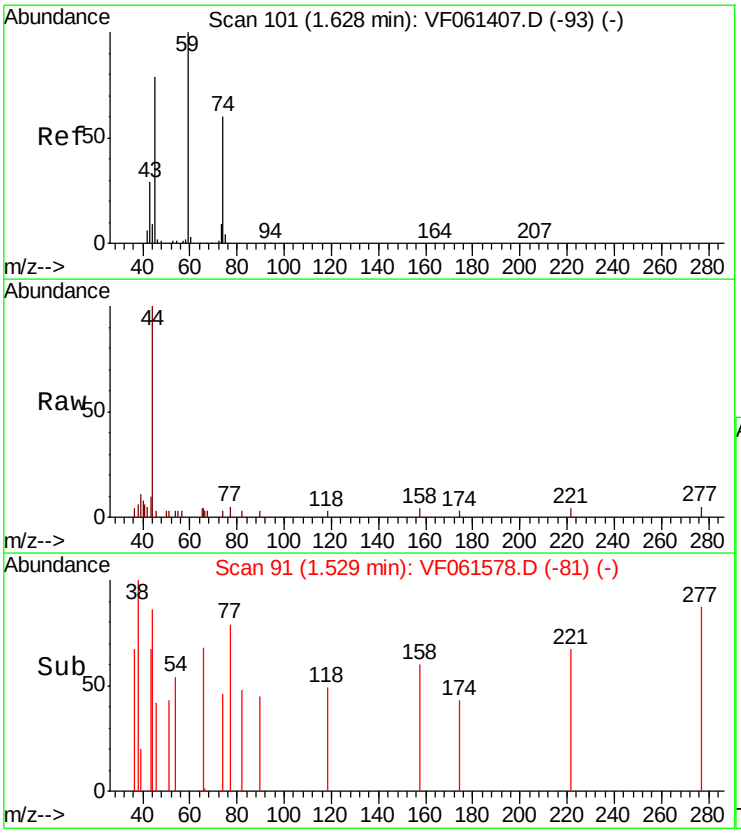

#6
Chloroethane
Concen: 7.737 ug/l
RT: 1.39 min Scan# 77
Delta R.T. -0.00 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion: 64 Resp: 67

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 89.4 | 26.6 | 40.0# |

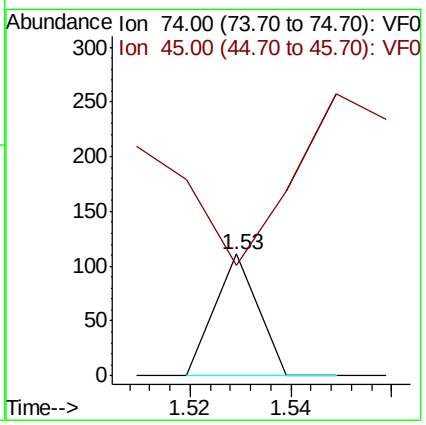


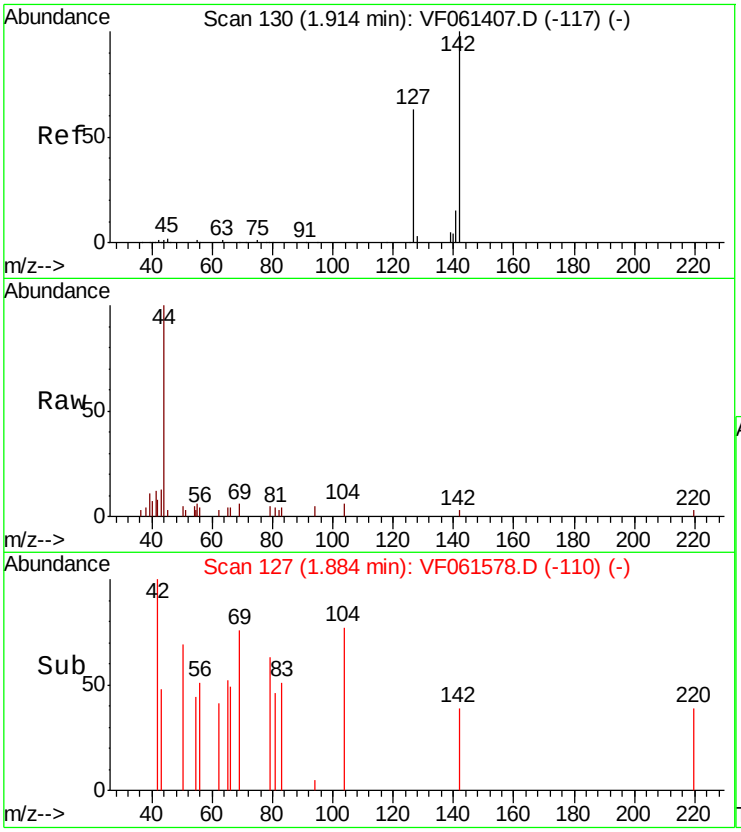




#8
Diethyl Ether
Concen: 13.557 ug/l
RT: 1.53 min Scan# 91
Delta R.T. -0.10 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 74 Resp: 66

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 91.0 | 65.8 | 197.5 |



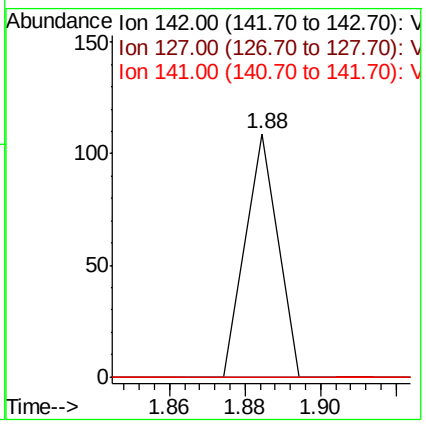


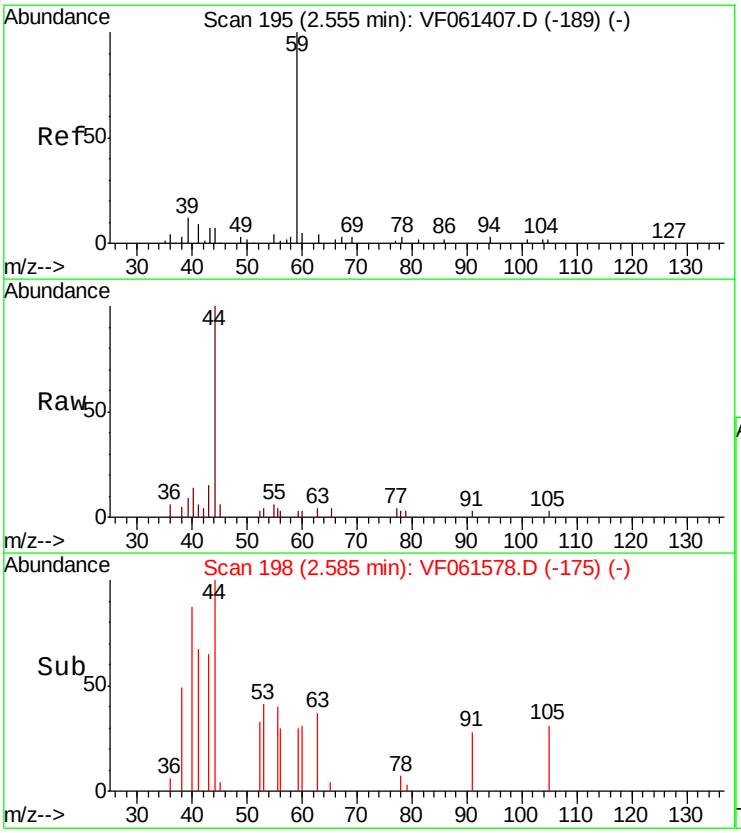

#10
Methyl Iodide
Concen: 2.297 ug/l
RT: 1.88 min Scan# 127
Delta R.T. -0.03 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion:142 Resp: 65

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 0.0 | 50.7 | 76.1# |
| 141 | 0.0 | 11.8 | 17.6# |

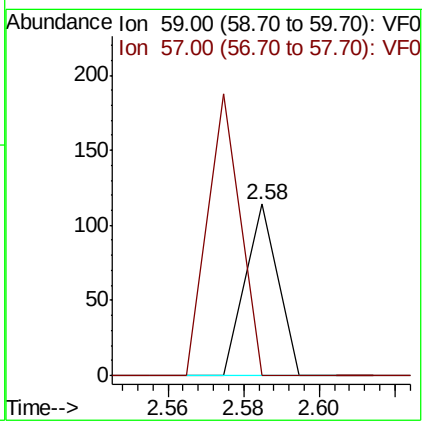


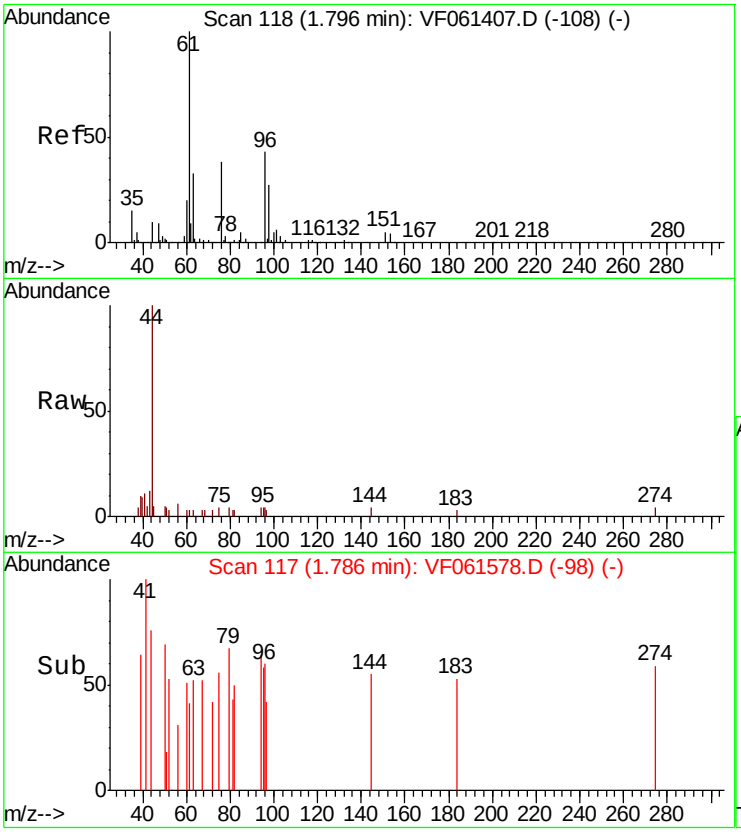




#11
Tert butyl alcohol
Concen: 84.070 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.03 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 59 Resp: 67

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 11.9 | 17.9# |



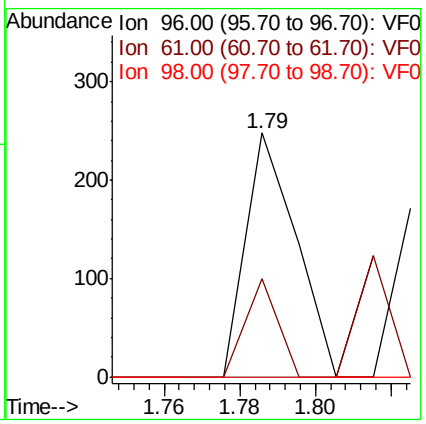


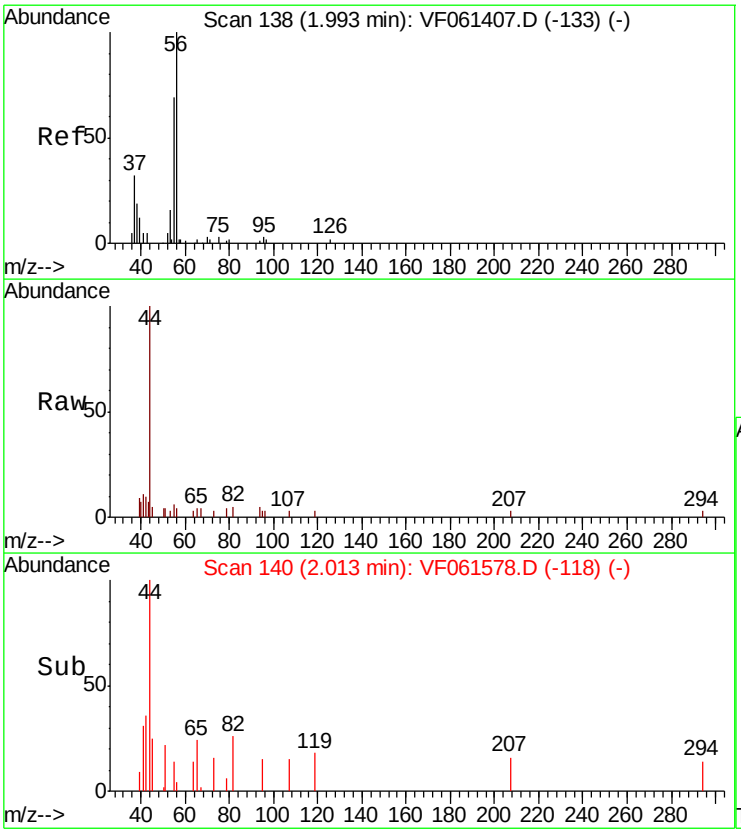

#12
1,1-Dichloroethene
Concen: 16.736 ug/l
RT: 1.79 min Scan# 117
Delta R.T. -0.01 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion: 96 Resp: 227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 40.3 | 186.9 | 280.3# |
| 98 | 0.0 | 53.0 | 79.4# |

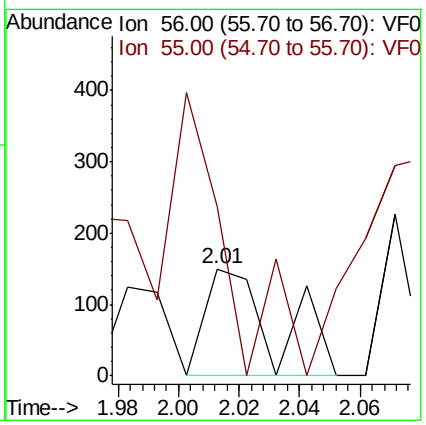


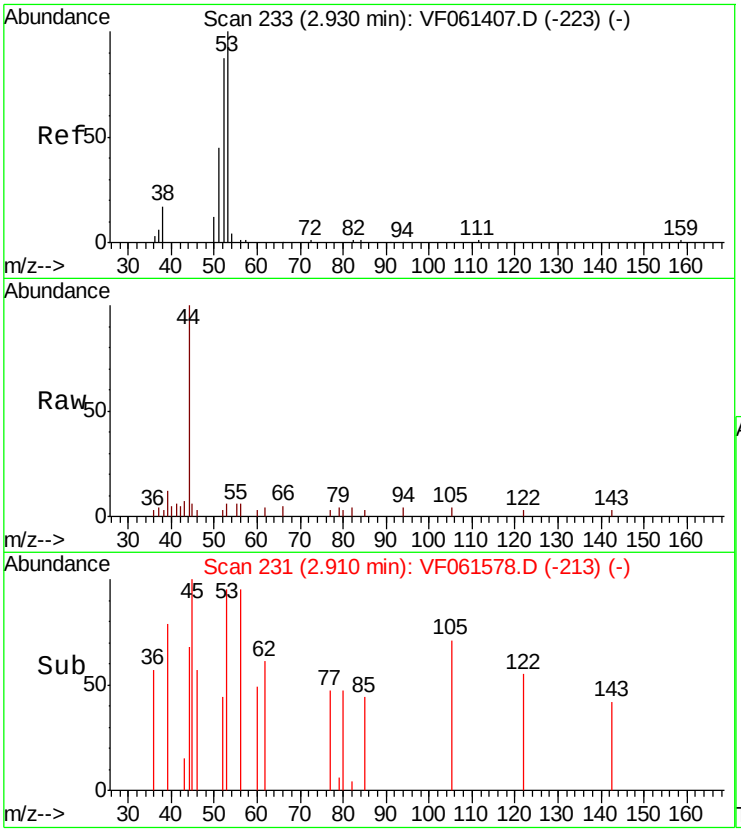




#13
Acrolein
Concen: 351.089 ug/l
RT: 2.01 min Scan# 140
Delta R.T. 0.02 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 56 Resp: 244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 158.7 | 57.5 | 86.3# |



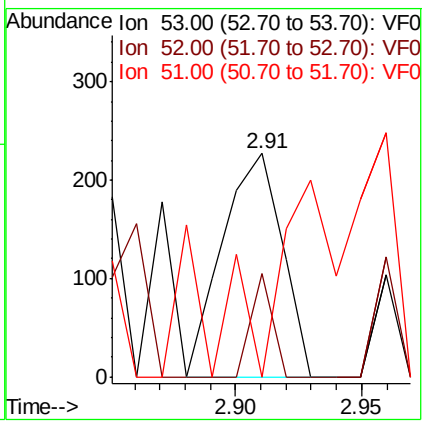


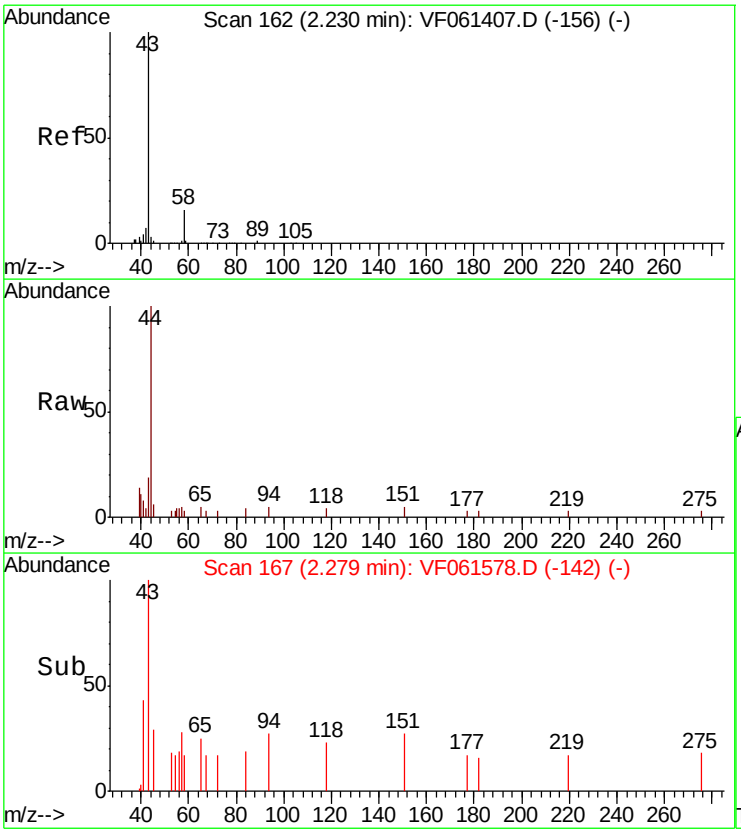

#15
Acrylonitrile
Concen: 184.186 ug/l
RT: 2.91 min Scan# 231
Delta R.T. -0.02 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion: 53 Resp: 376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 46.3 | 69.6 | 104.4# |
| 51 | 0.0 | 36.8 | 55.2# |

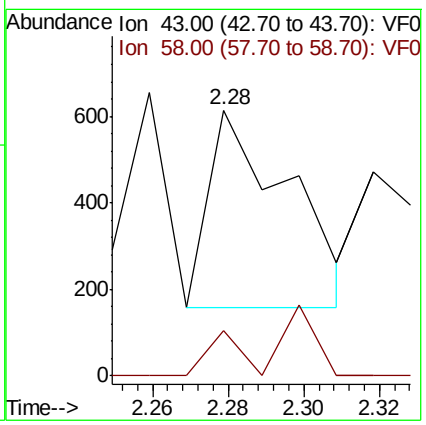


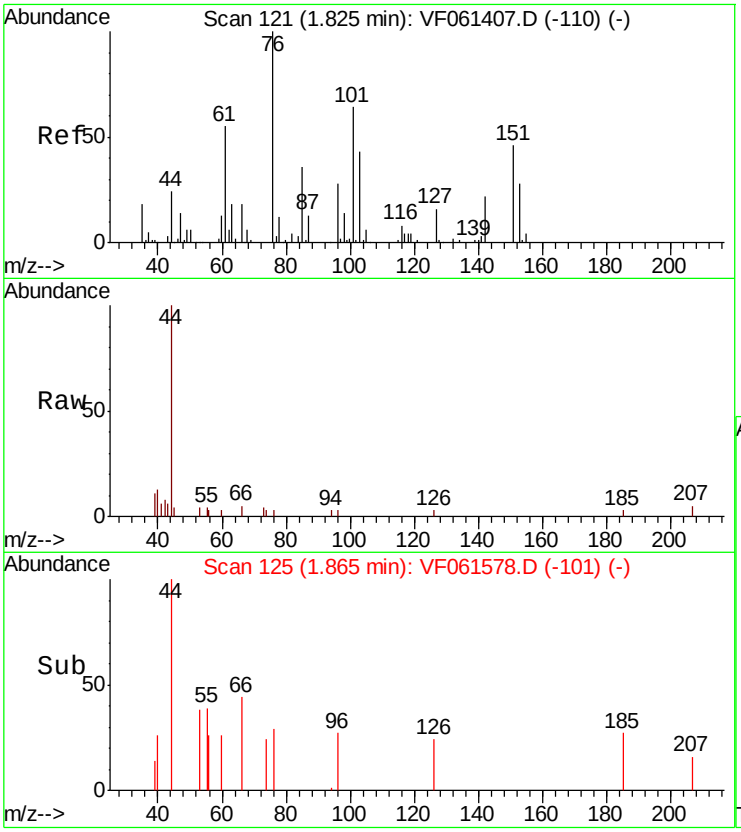




#16
Acetone
Concen: 177.118 ug/l
RT: 2.28 min Scan# 167
Delta R.T. 0.05 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 43 Resp: 669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 16.9 | 13.3 | 19.9 |



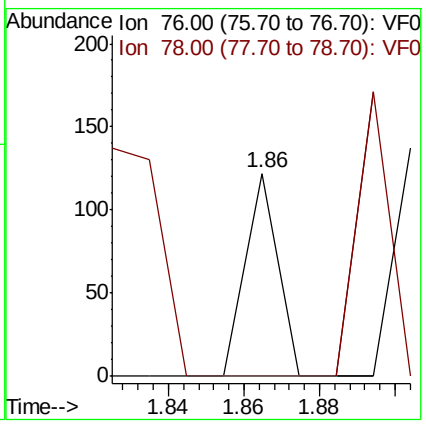


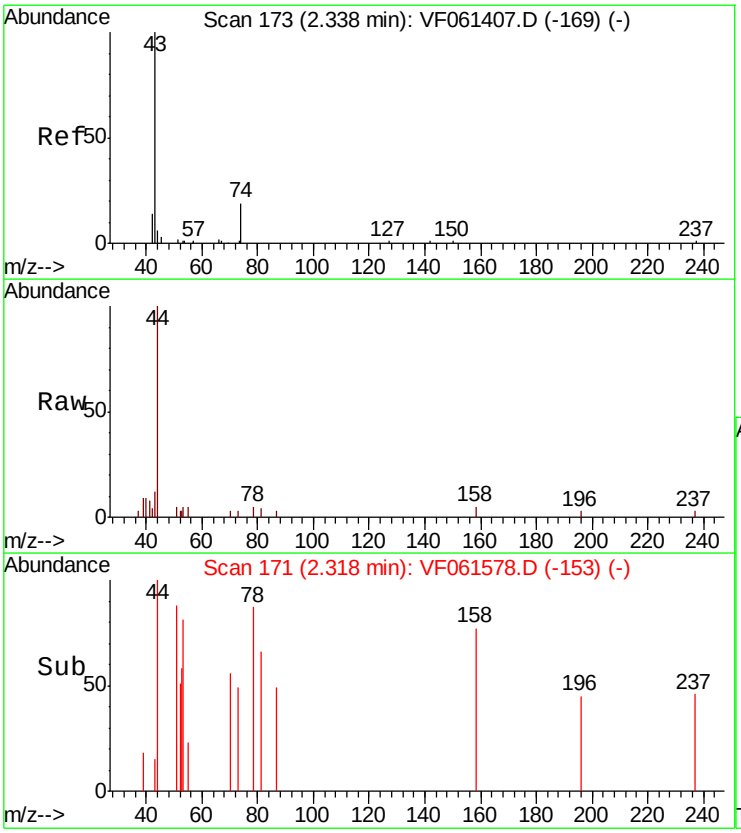

#17
Carbon Disulfide
Concen: 1.702 ug/l
RT: 1.86 min Scan# 125
Delta R.T. 0.04 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion: 76 Resp: 72

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 0.0 | 9.6 | 14.4# |

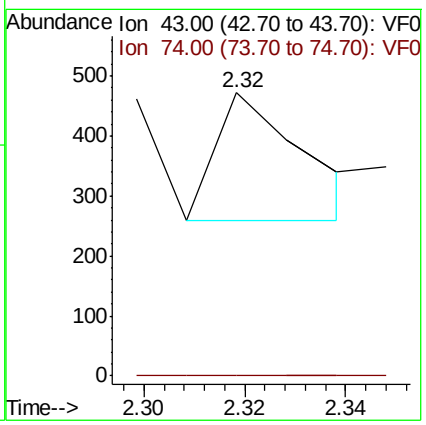


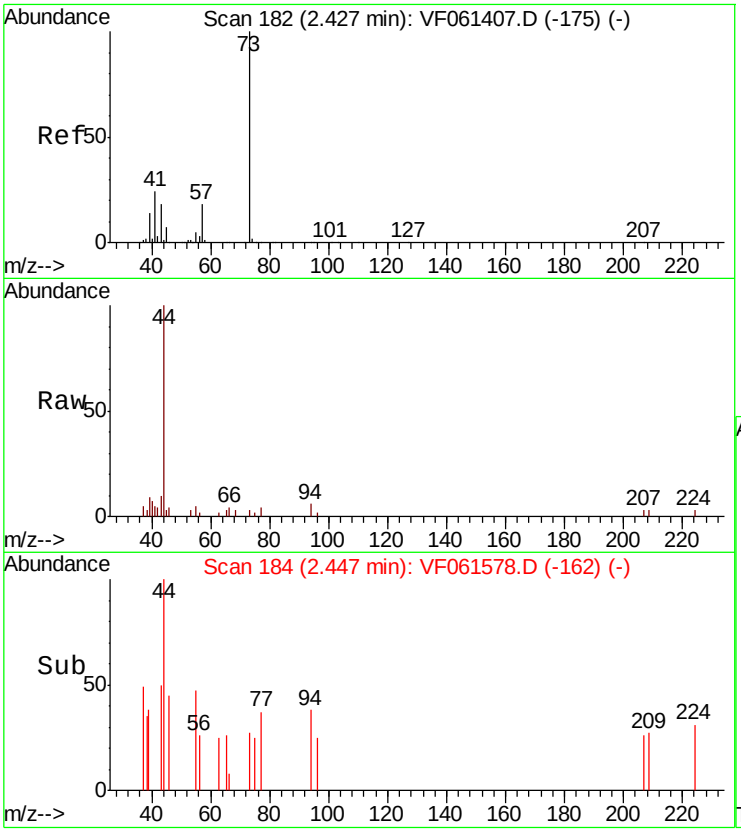




#18
Methyl Acetate
Concen: 33.508 ug/l
RT: 2.32 min Scan# 171
Delta R.T. -0.02 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 43 Resp: 251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 13.4 | 20.0# |



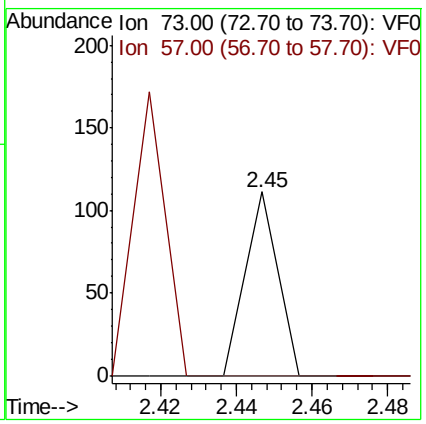


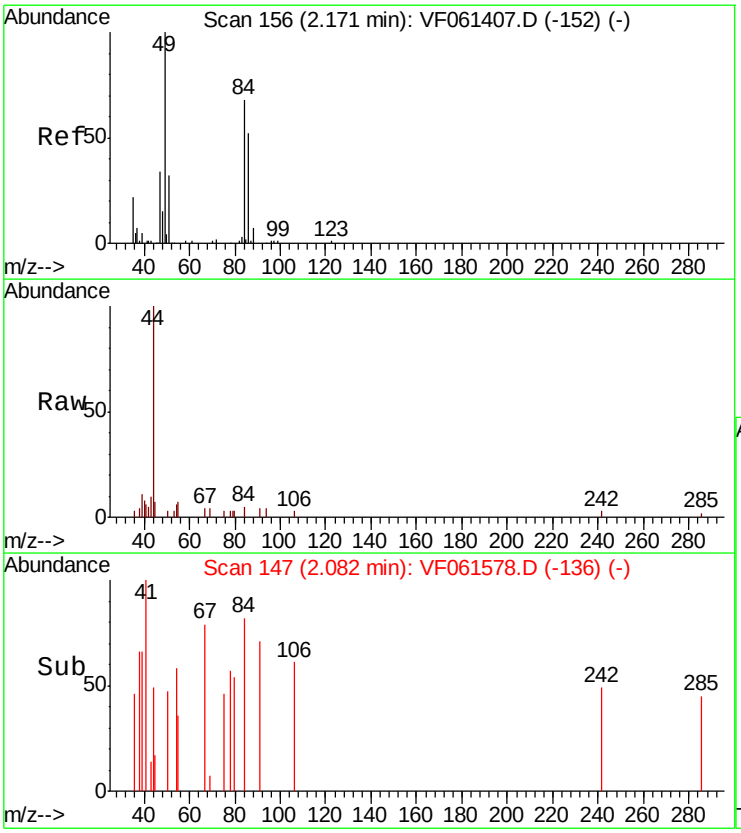

#19
Methyl tert-butyl Ether
Concen: 2.171 ug/l
RT: 2.45 min Scan# 184
Delta R.T. 0.02 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :** MSVOA_F
**ClientSampleId :** SB-05(8-9)RE

Tgt Ion: 73 Resp: 66

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 0.0 | 14.8 | 22.2# |

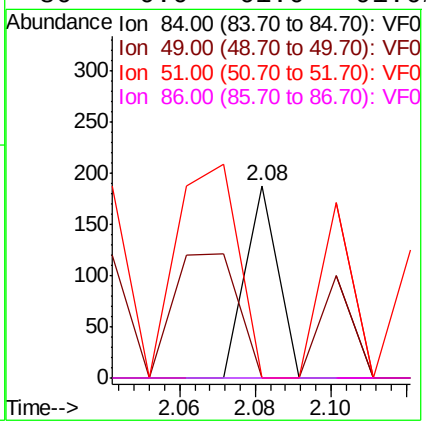


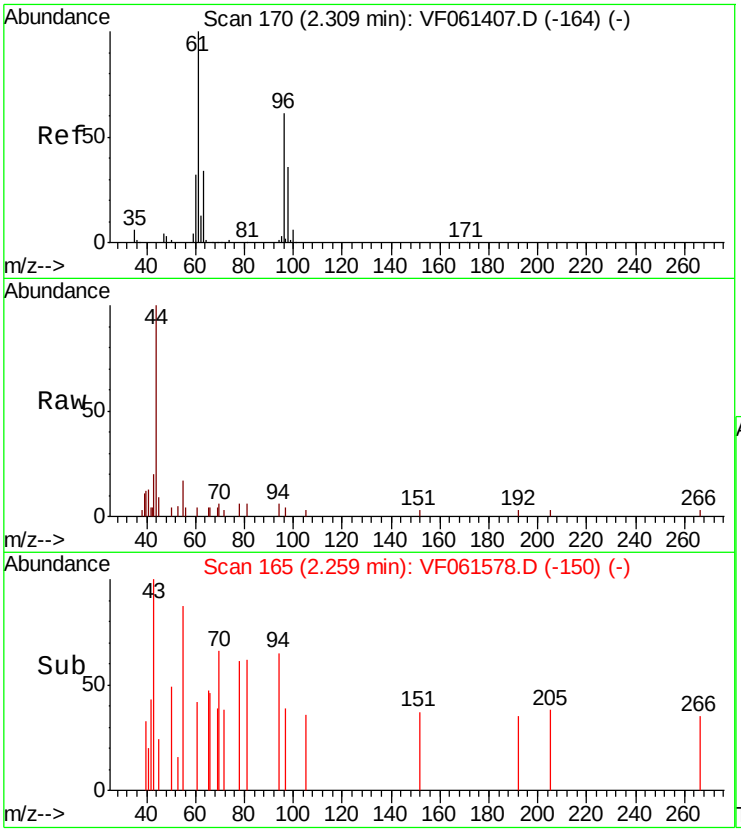




#20
Methylene Chloride
Concen: 7.151 ug/l
RT: 2.08 min Scan# 147
Delta R.T. -0.09 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 84 Resp: 111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 0.0 | 120.0 | 180.0# |
| 51 | 0.0 | 38.6 | 58.0# |
| 86 | 0.0 | 61.0 | 91.6# |



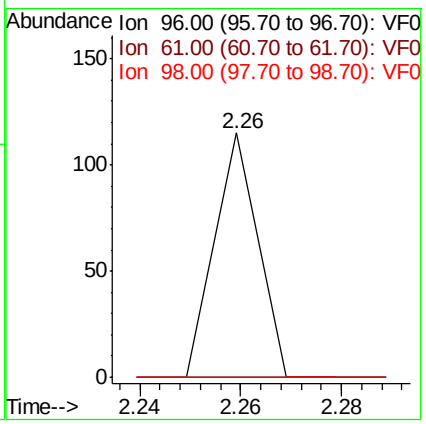


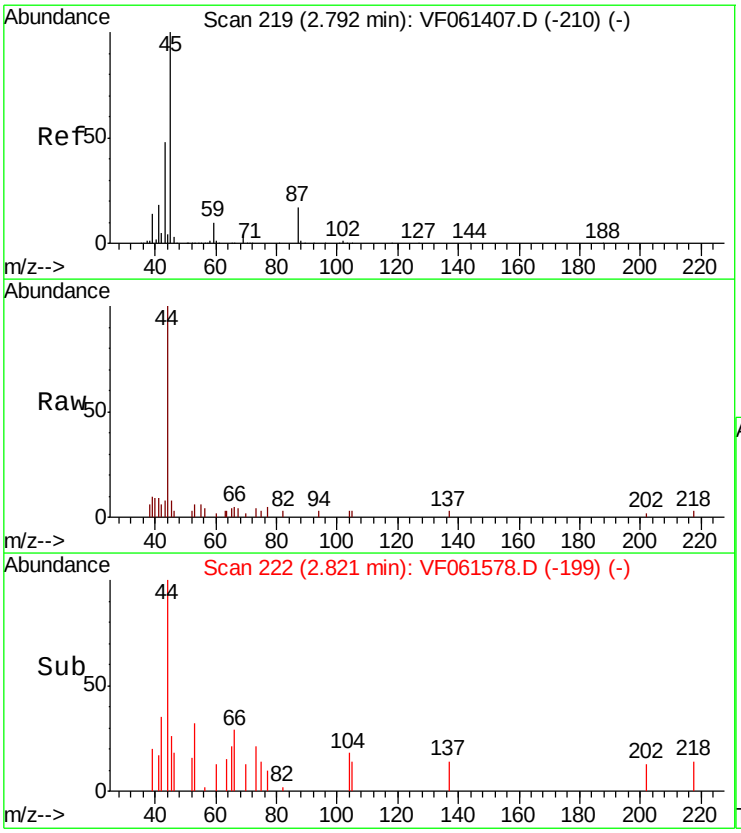

#21
trans-1,2-Dichloroethene
Concen: 4.557 ug/l
RT: 2.26 min Scan# 165
Delta R.T. -0.05 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion: 96 Resp: 68

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 0.0 | 131.8 | 197.8# |
| 98 | 0.0 | 47.4 | 71.0# |

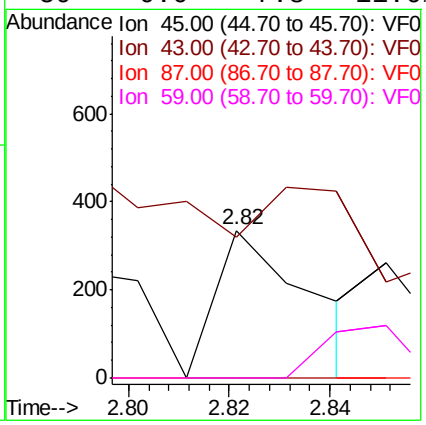


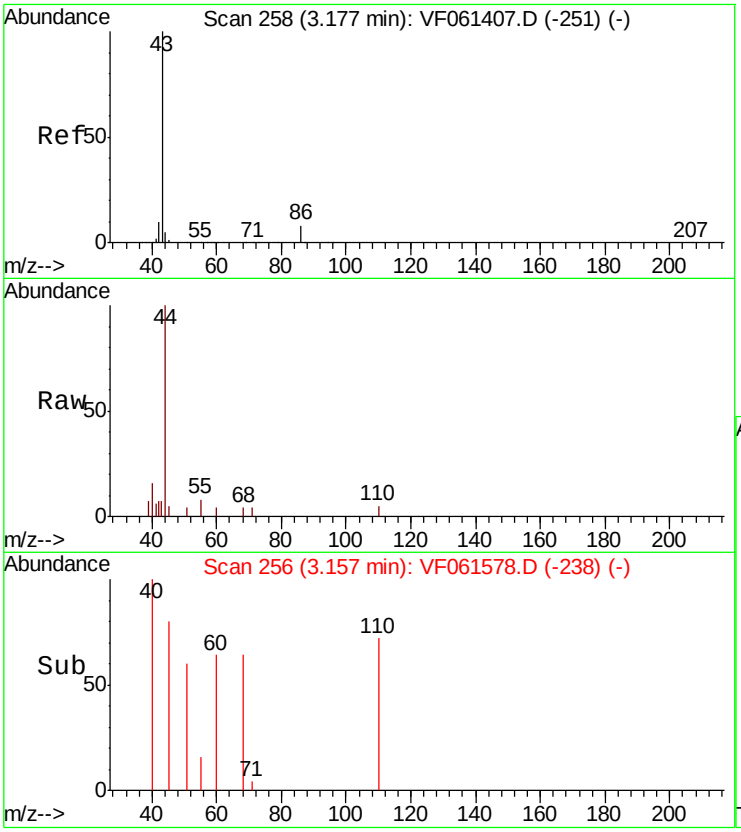




#22
Diisopropyl ether
Concen: 8.888 ug/l
RT: 2.82 min Scan# 222
Delta R.T. 0.03 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 45 Resp: 429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 95.8 | 39.0 | 58.6# |
| 87 | 0.0 | 13.9 | 20.9# |
| 59 | 0.0 | 7.8 | 11.6# |



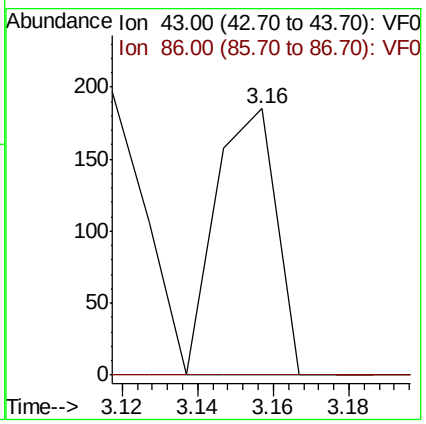


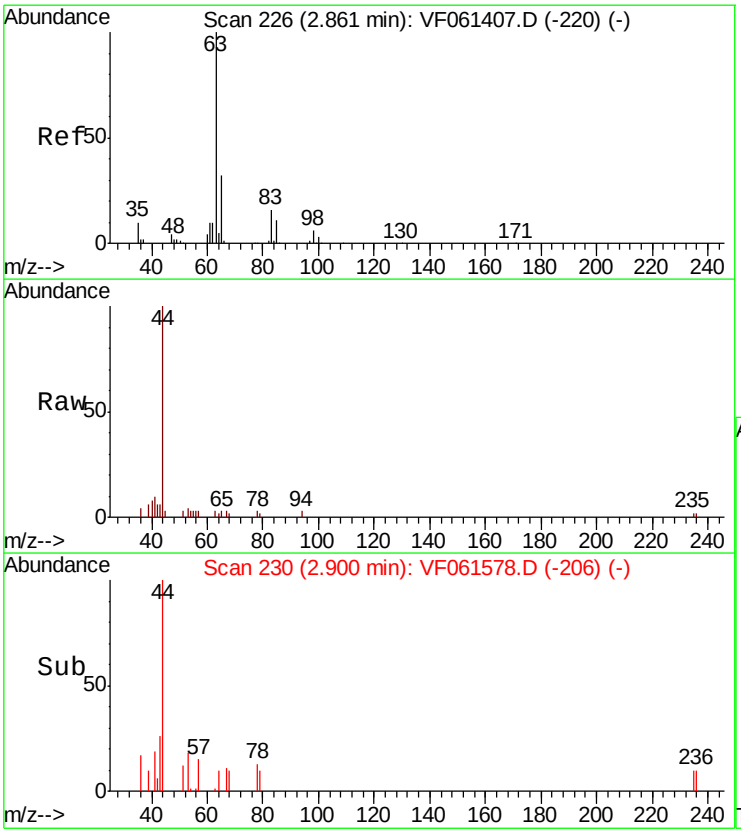

#23
Vinyl Acetate
Concen: 12.633 ug/l
RT: 3.16 min Scan# 256
Delta R.T. -0.02 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :** MSVOA_F
**ClientSampleId :** SB-05(8-9)RE

Tgt Ion: 43 Resp: 203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 0.0 | 6.2 | 9.4# |

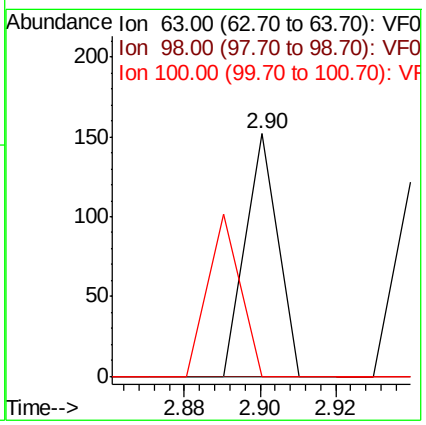


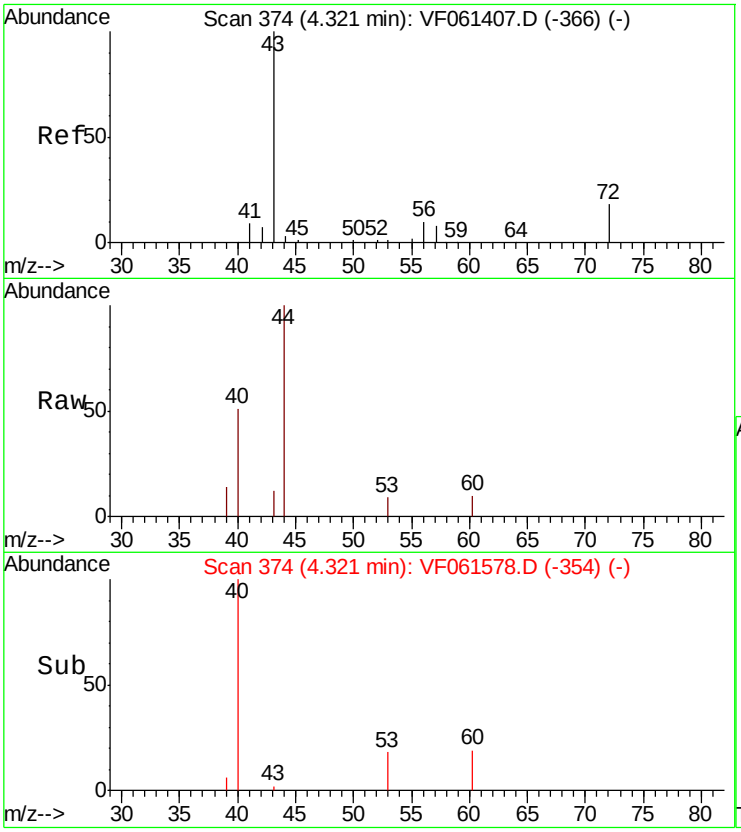




#24
1,1-Dichloroethane
Concen: 2.971 ug/l
RT: 2.90 min Scan# 230
Delta R.T. 0.04 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 63 Resp: 90

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 0.0 | 2.9 | 8.8# |
| 100 | 0.0 | 1.6 | 4.8# |



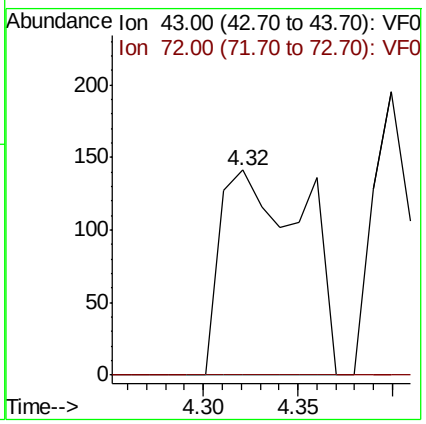


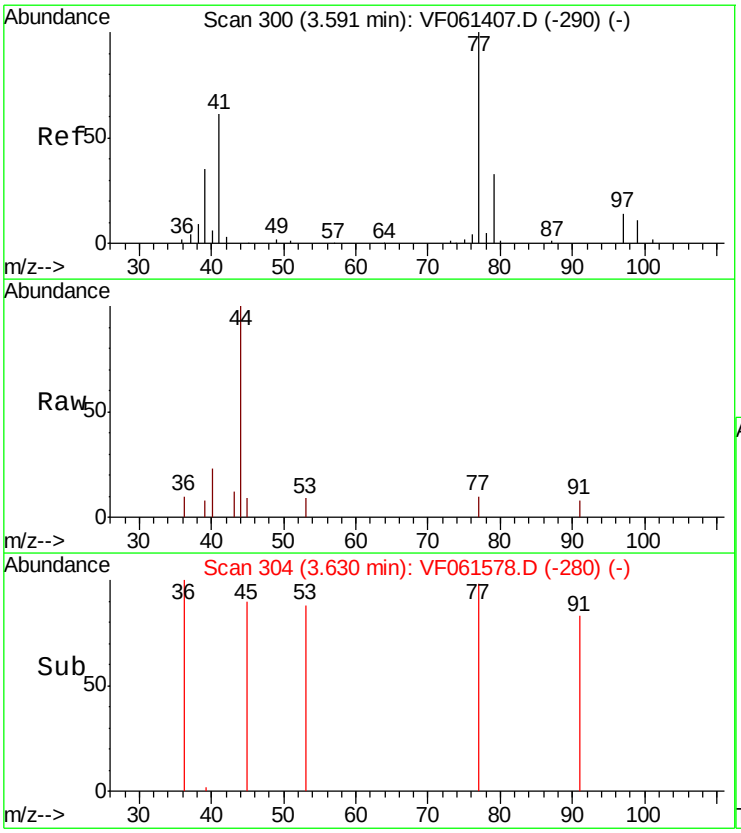

#25
2-Butanone
Concen: 68.458 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.00 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion: 43 Resp: 430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 15.8 | 23.6# |

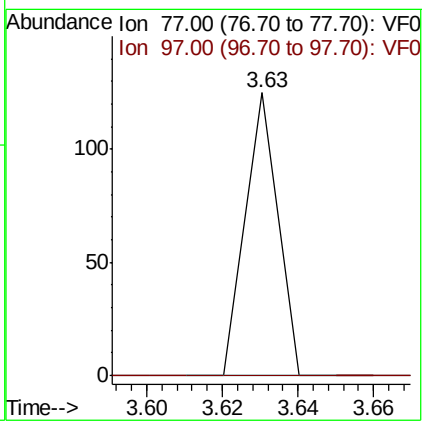


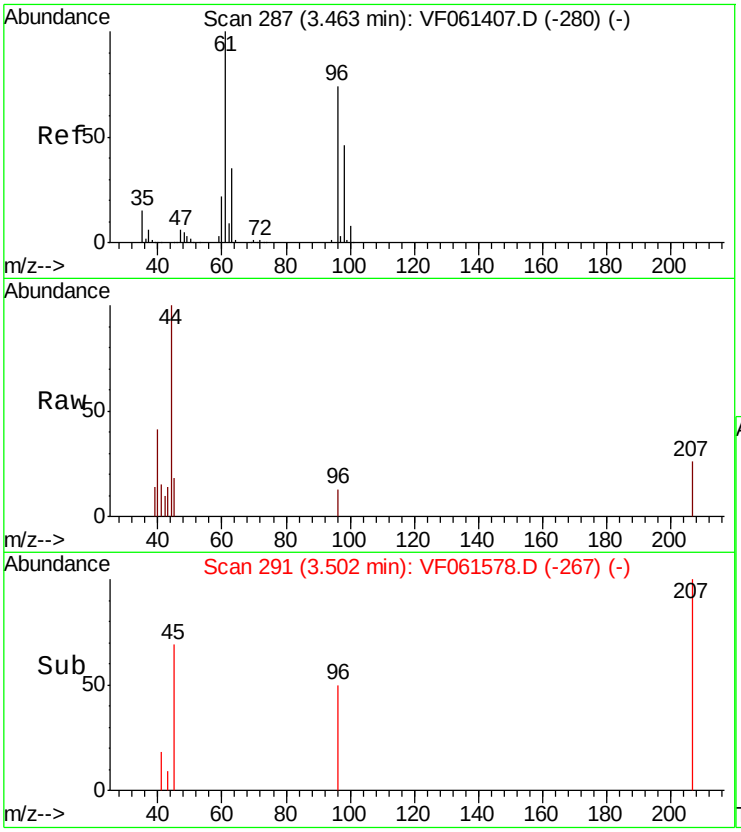




#26
2,2-Dichloropropane
Concen: 3.976 ug/l
RT: 3.63 min Scan# 304
Delta R.T. 0.04 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 77 Resp: 74

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 0.0 | 8.5 | 25.5# |



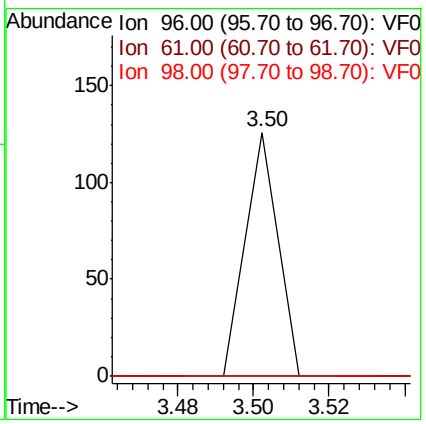


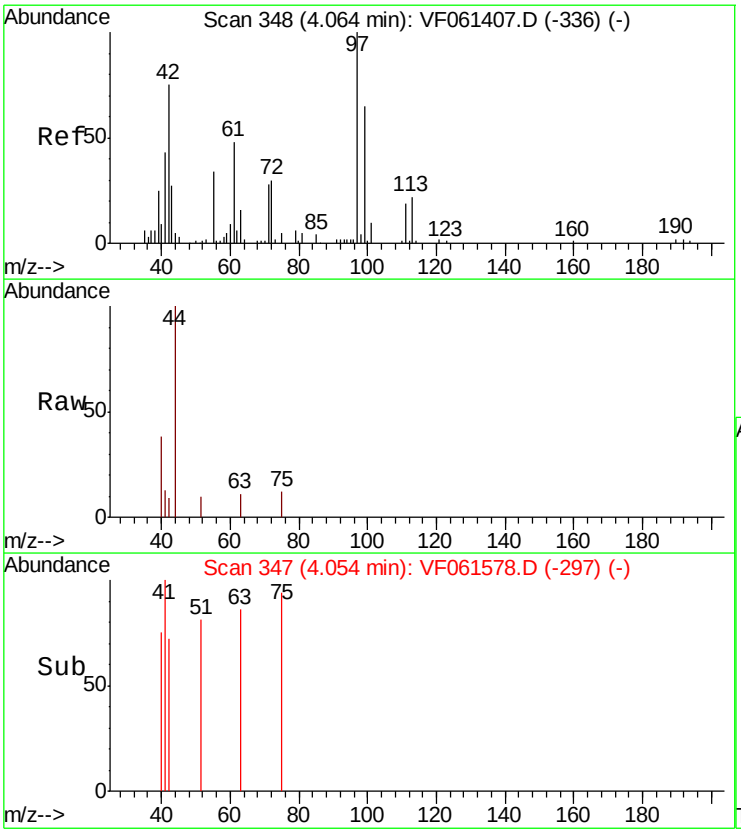

#27
cis-1,2-Dichloroethene
Concen: 3.405 ug/l
RT: 3.50 min Scan# 291
Delta R.T. 0.04 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion: 96 Resp: 75

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 0.0 | 0.0 | 270.2 |
| 98 | 0.0 | 0.0 | 124.0 |

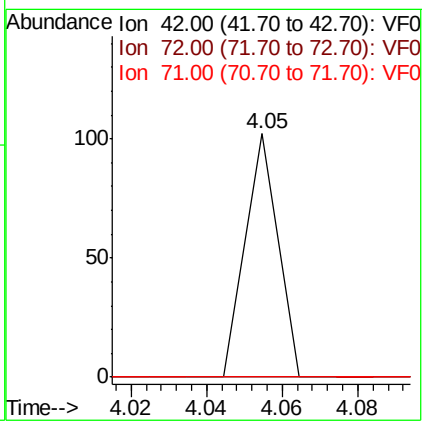


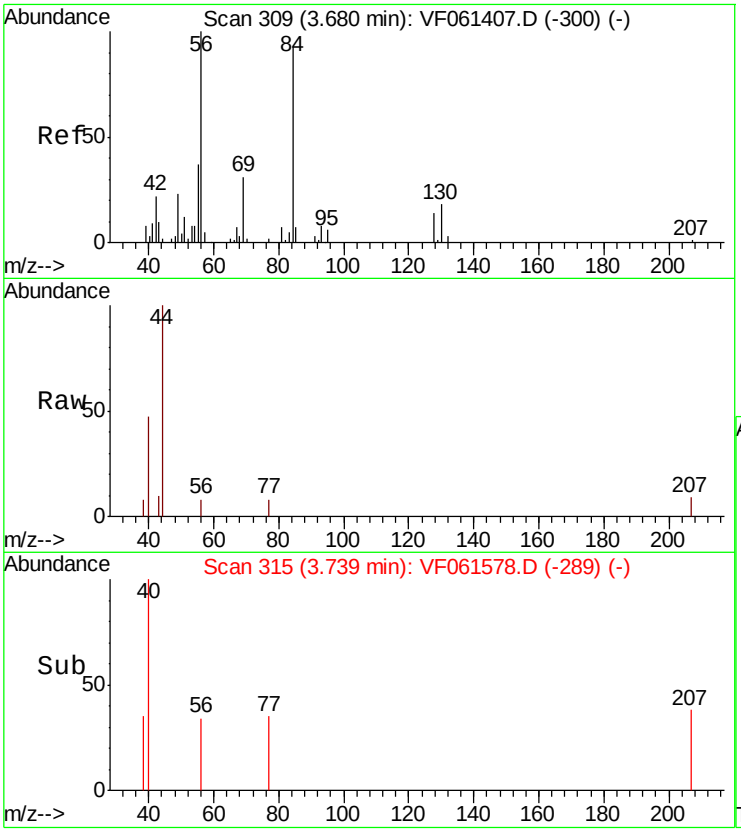




#29
Tetrahydrofuran
Concen: 22.184 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.01 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 42 Resp: 60

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 0.0 | 28.9 | 43.3# |
| 71 | 0.0 | 29.6 | 44.4# |



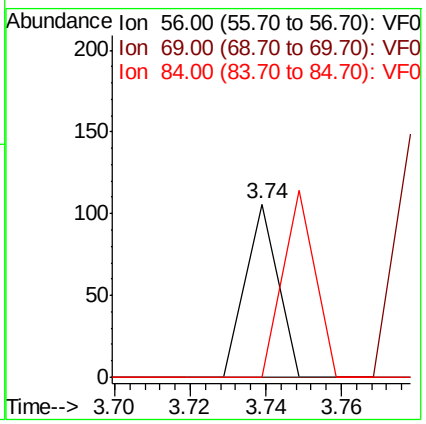


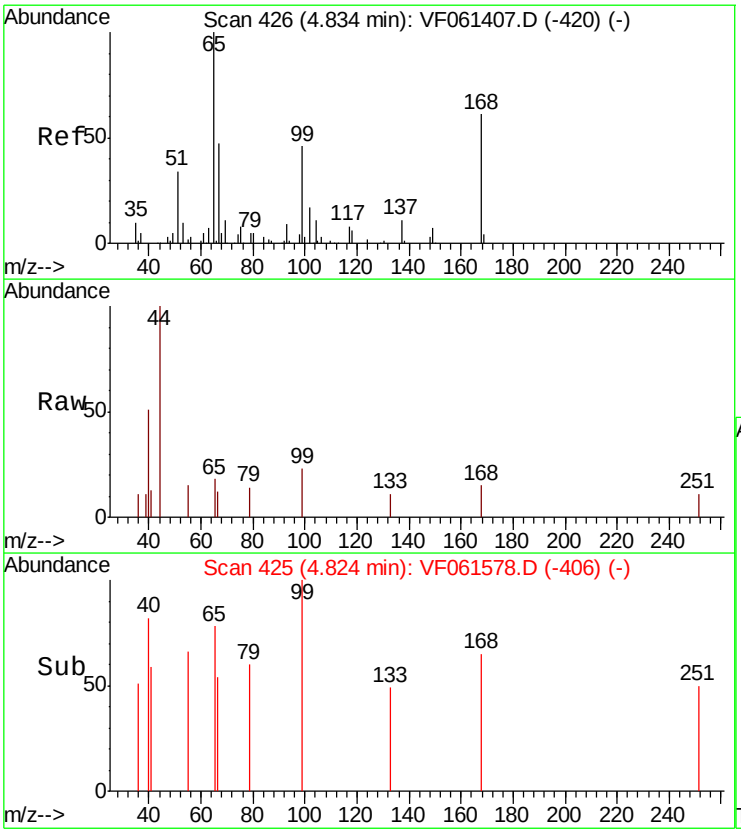

#31
Cyclohexane
Concen: 2.082 ug/l
RT: 3.74 min Scan# 315
Delta R.T. 0.06 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :** MSVOA_F
**ClientSampleId :** SB-05(8-9)RE

Tgt Ion: 56 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 0.0 | 24.6 | 36.8# |
| 84 | 0.0 | 74.2 | 111.2# |

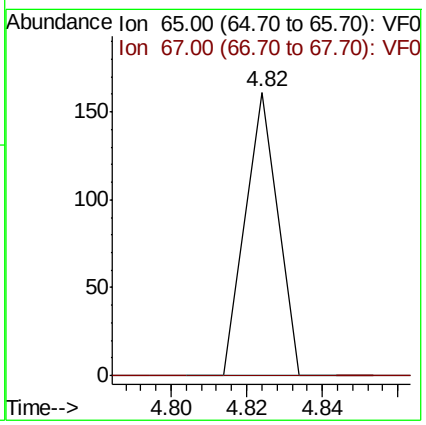


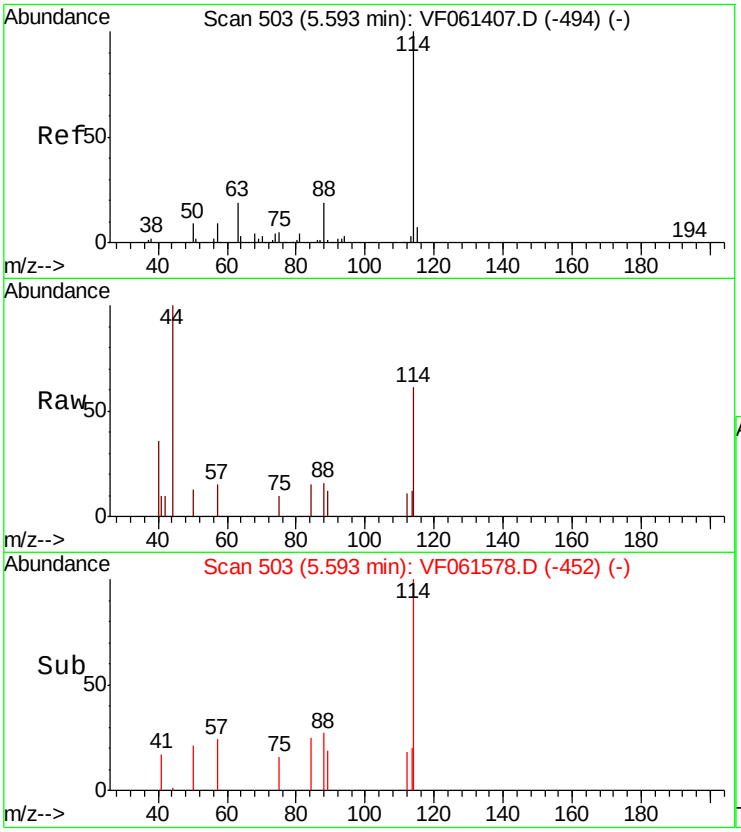




#33
1,2-Dichloroethane-d4
Concen: 5.046 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.01 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 65 Resp: 95

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 0.0 | 0.0 | 99.8 |



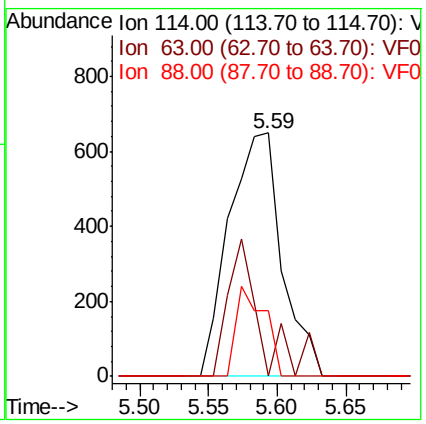


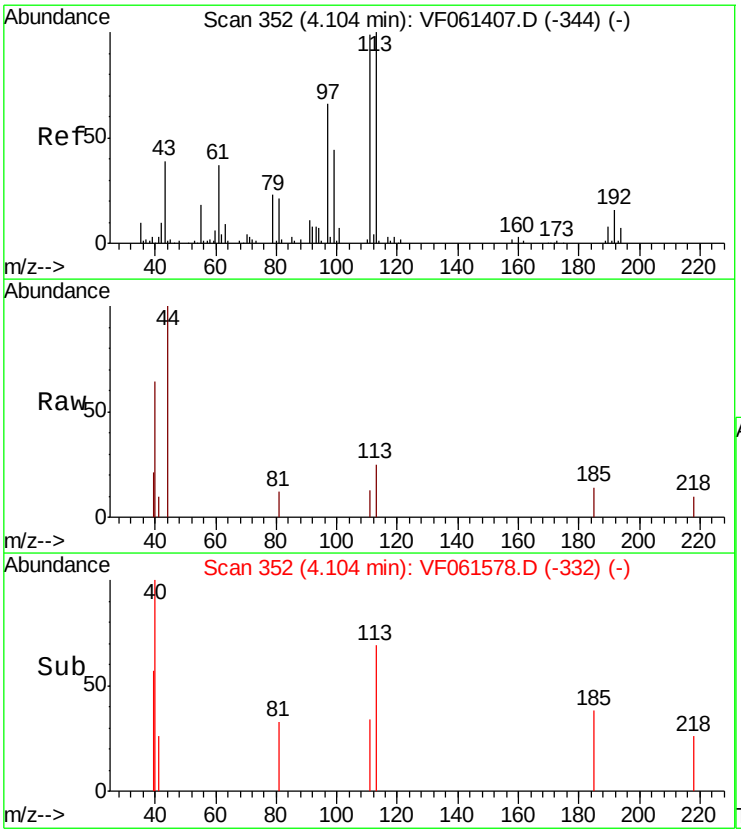

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.00 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion:114 Resp: 1735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 0.0 | 0.0 | 39.0 |
| 88 | 27.0 | 0.0 | 37.4 |

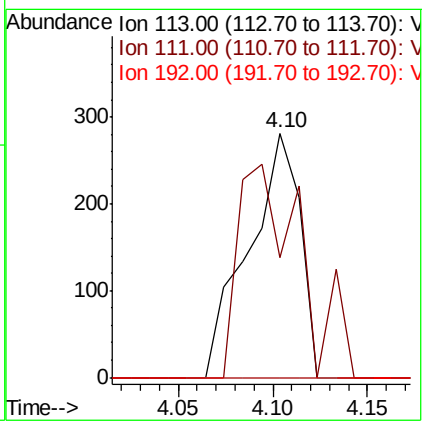


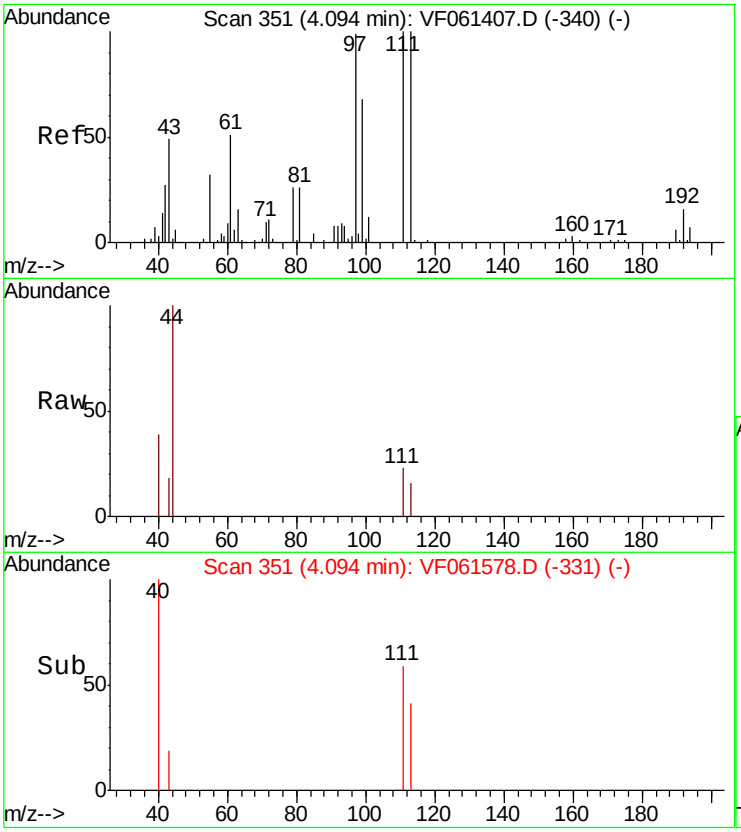




#35
Dibromofluoromethane
Concen: 38.786 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.00 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion:113 Resp: 531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 49.1 | 79.4 | 119.0# |
| 192 | 0.0 | 12.4 | 18.6# |



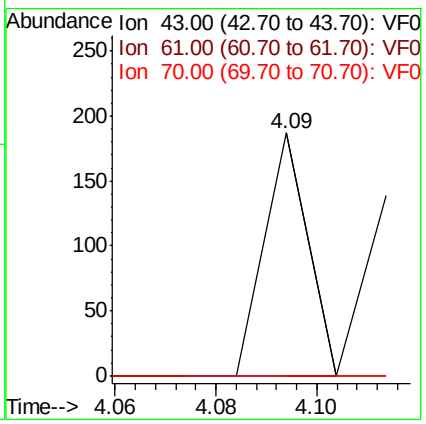


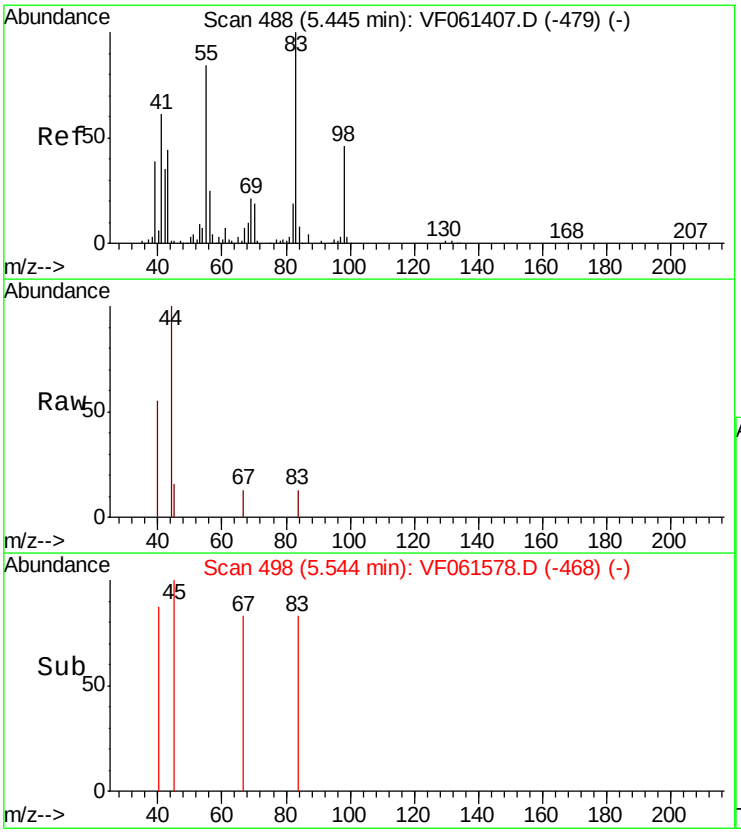

#37
Ethyl Acetate
Concen: 13.804 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.00 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion: 43 Resp: 111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 81.7 | 122.5# |
| 70 | 0.0 | 6.2 | 9.2# |

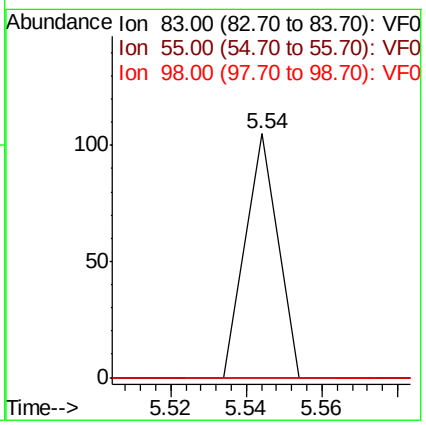


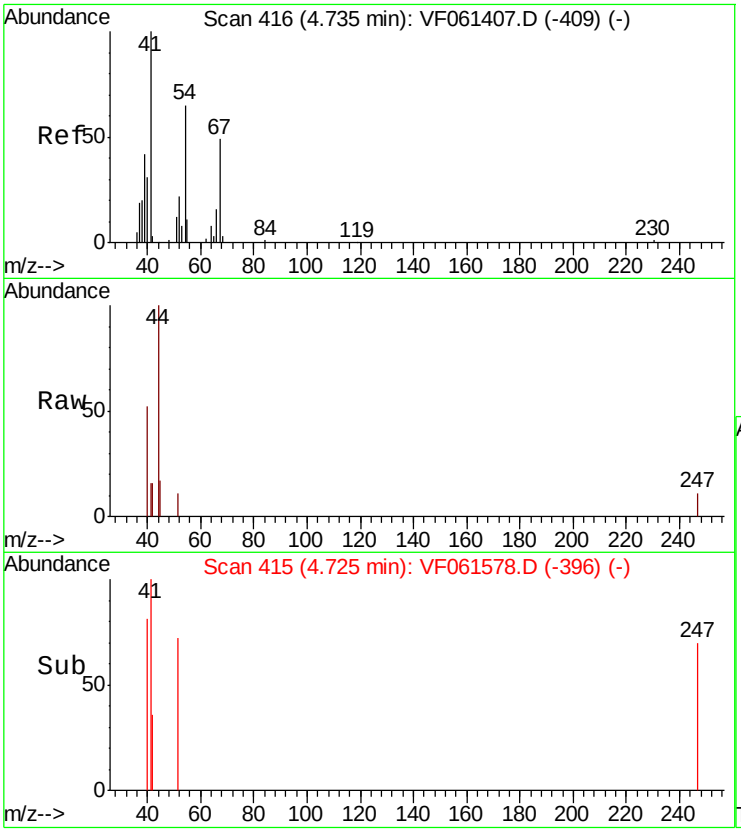




#39
Methylcyclohexane
Concen: 2.844 ug/l
RT: 5.54 min Scan# 498
Delta R.T. 0.10 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 83 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 67.4 | 101.2# |
| 98 | 0.0 | 36.7 | 55.1# |



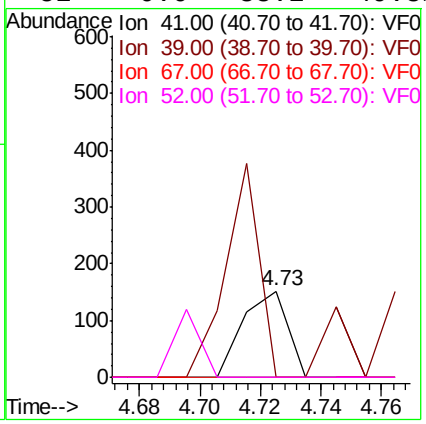


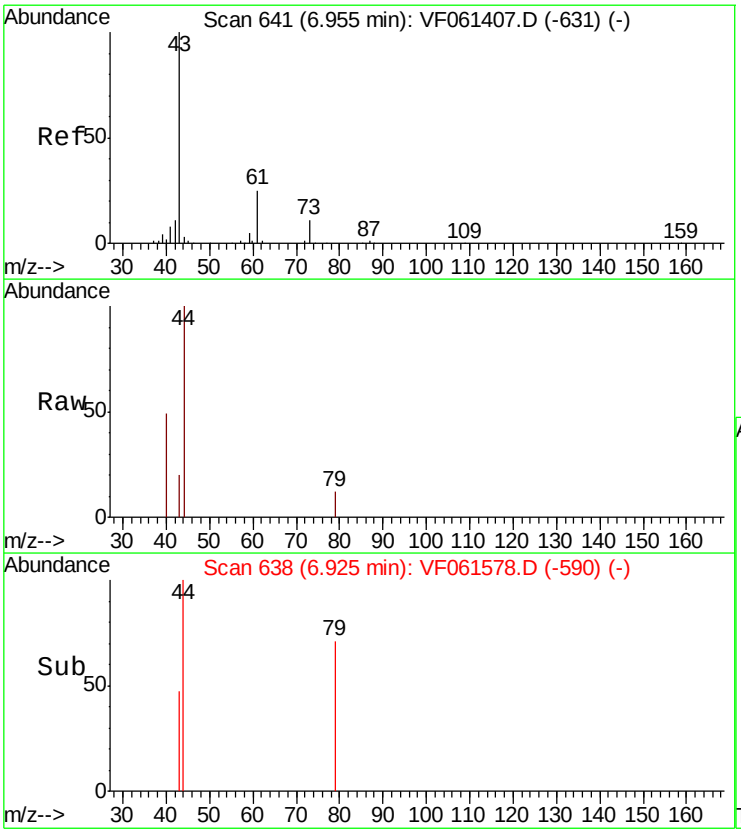

#41
Methacrylonitrile
Concen: 37.160 ug/l
RT: 4.73 min Scan# 415
Delta R.T. -0.01 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion: 41 Resp: 159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 0.0 | 43.1 | 64.7# |
| 67 | 0.0 | 38.8 | 58.2# |
| 52 | 0.0 | 33.2 | 49.8# |

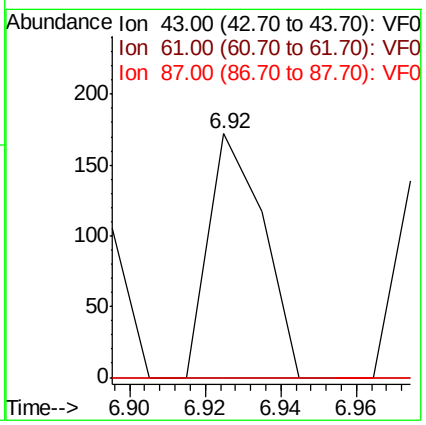


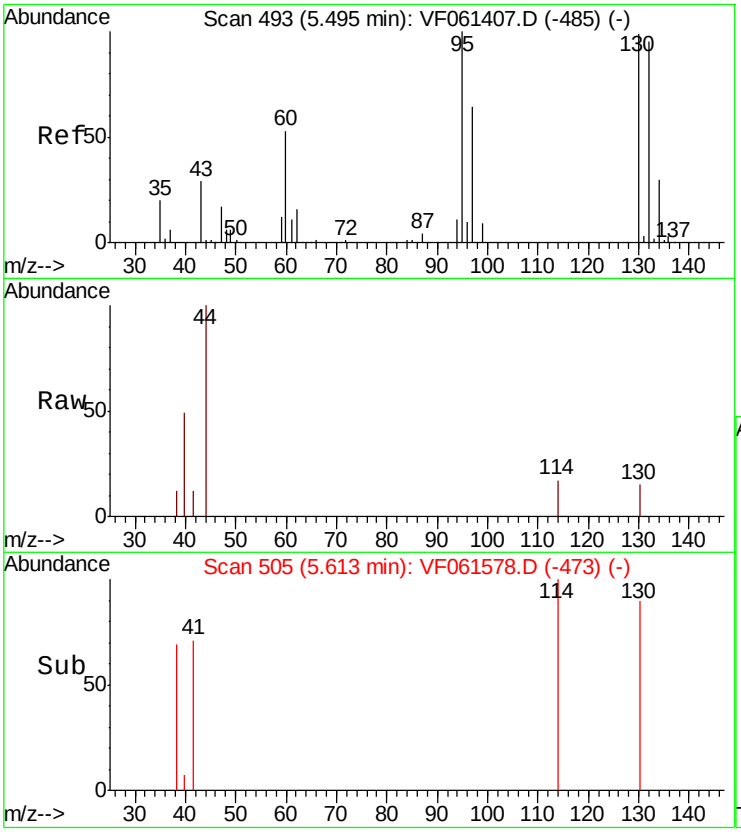




#43
Isopropyl Acetate
Concen: 16.944 ug/l
RT: 6.92 min Scan# 638
Delta R.T. -0.03 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 43 Resp: 171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 20.3 | 30.5# |
| 87 | 0.0 | 0.5 | 0.7# |



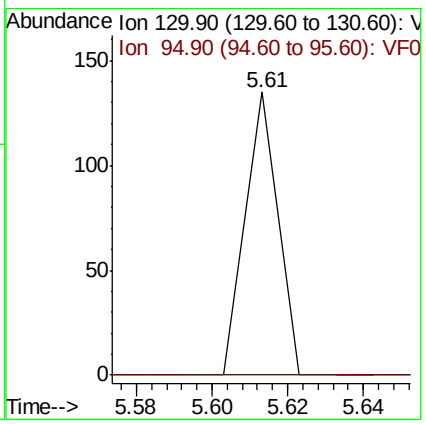


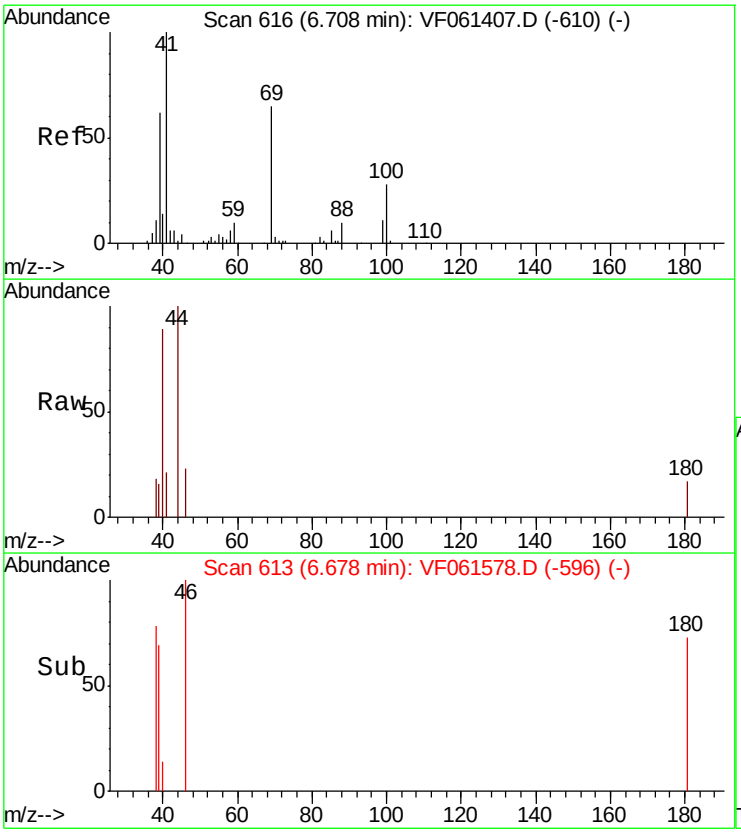

#44
Trichloroethene
Concen: 5.826 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.12 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion:130 Resp: 80

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 0.0 | 0.0 | 202.8 |

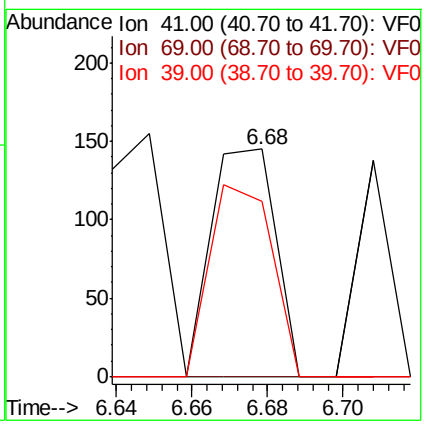


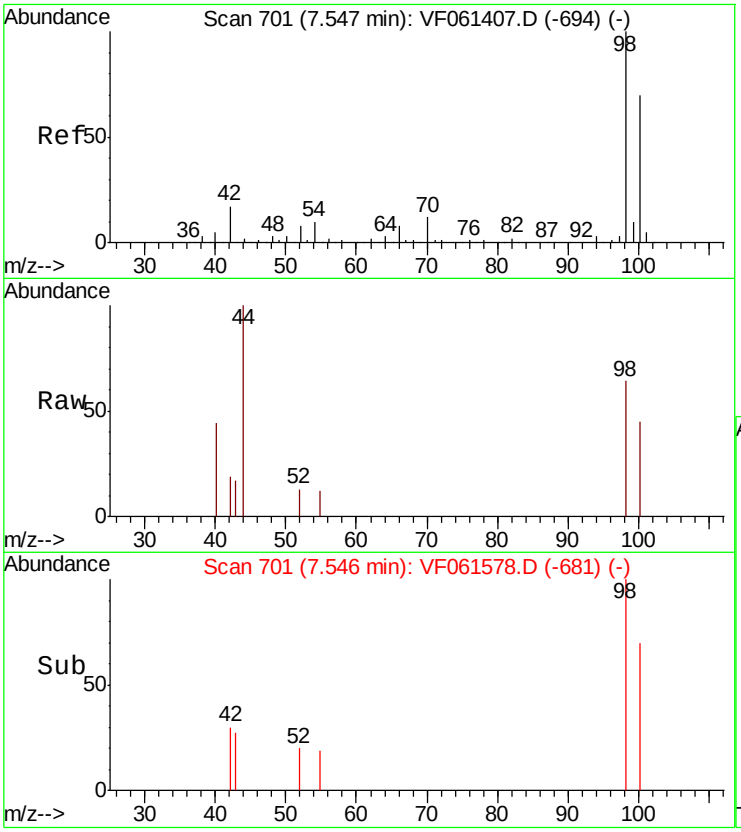




#48
Methyl methacrylate
Concen: 25.085 ug/l
RT: 6.68 min Scan# 613
Delta R.T. -0.03 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 41 Resp: 170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 0.0 | 51.7 | 77.5# |
| 39 | 77.2 | 49.2 | 73.8# |



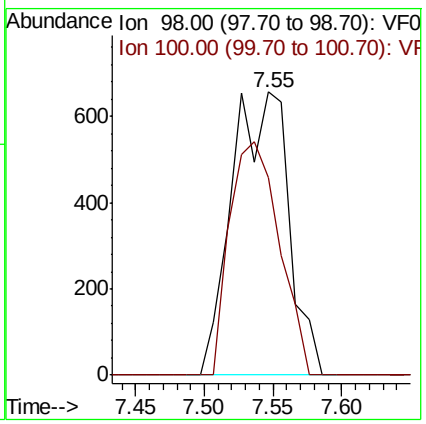


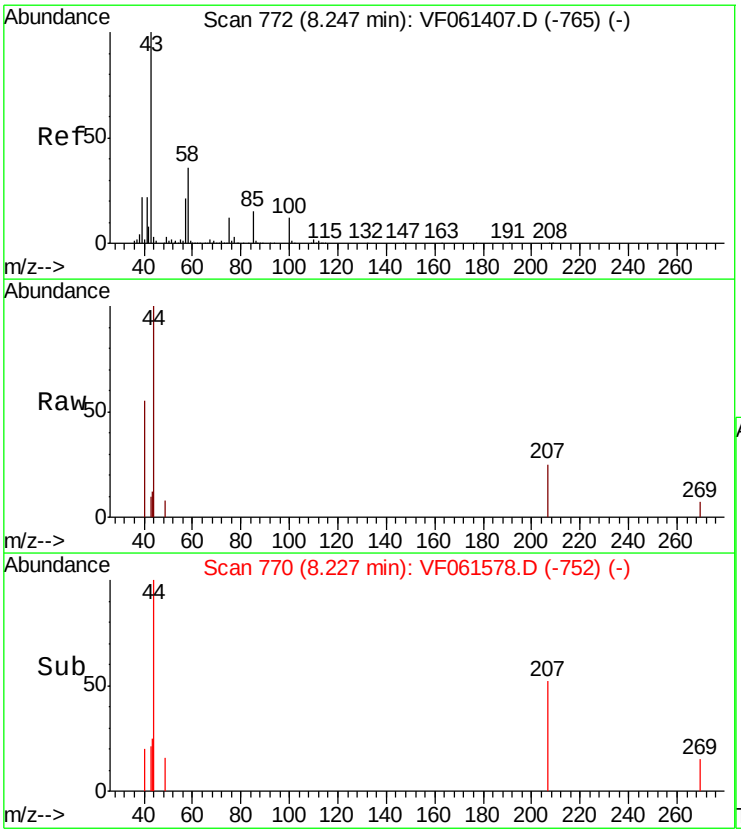

#50
Toluene-d8
Concen: 50.280 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.00 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion: 98 Resp: 1886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 69.7 | 55.6 | 83.4 |

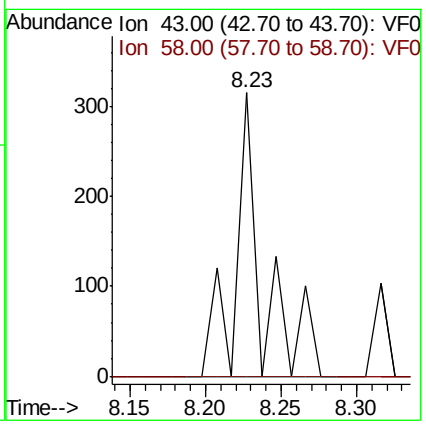


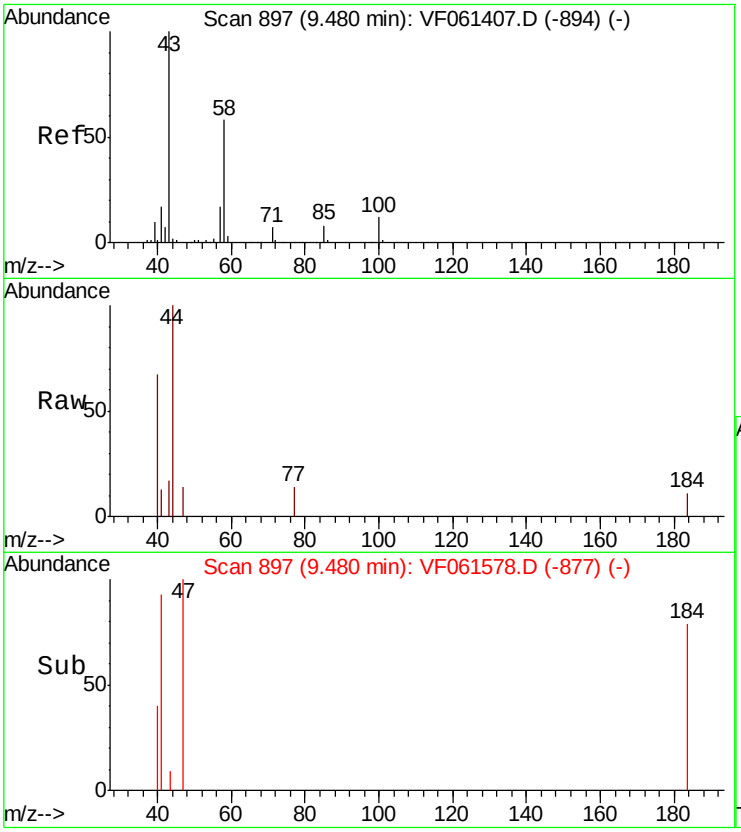




#51
4-Methyl-2-Pentanone
Concen: 53.373 ug/l
RT: 8.23 min Scan# 770
Delta R.T. -0.02 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 43 Resp: 396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 28.8 | 43.2# |



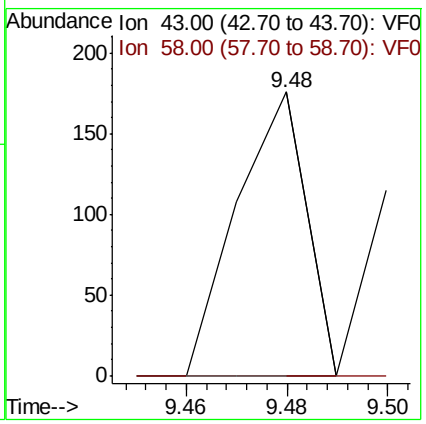


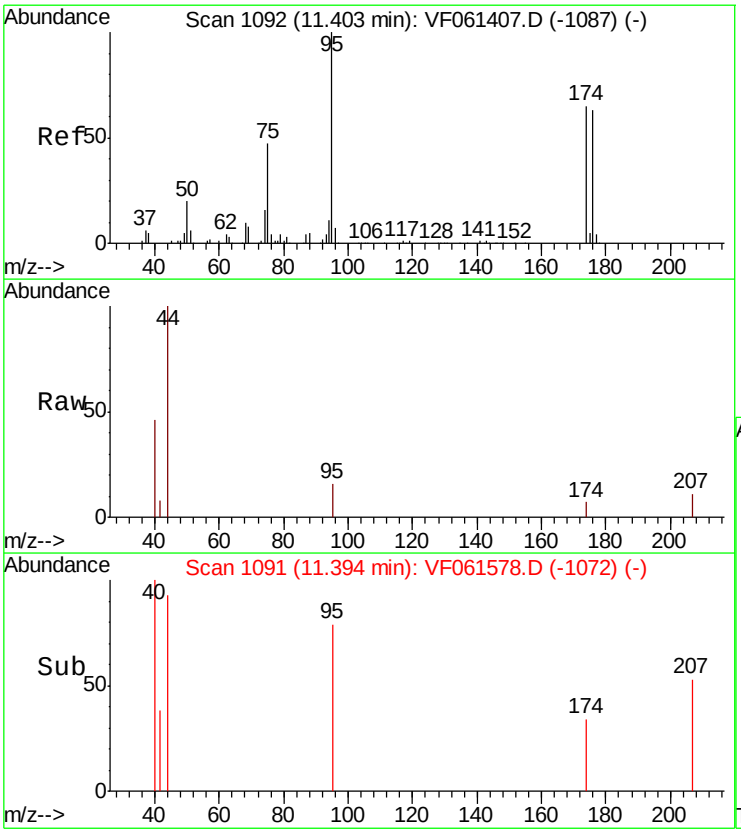

#59
2-Hexanone
Concen: 32.472 ug/l
RT: 9.48 min Scan# 897
Delta R.T. -0.00 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion: 43 Resp: 168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 25.9 | 77.6# |

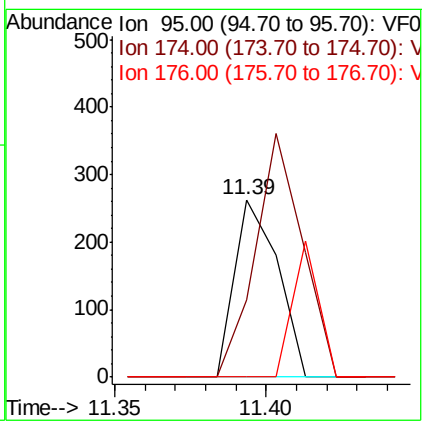


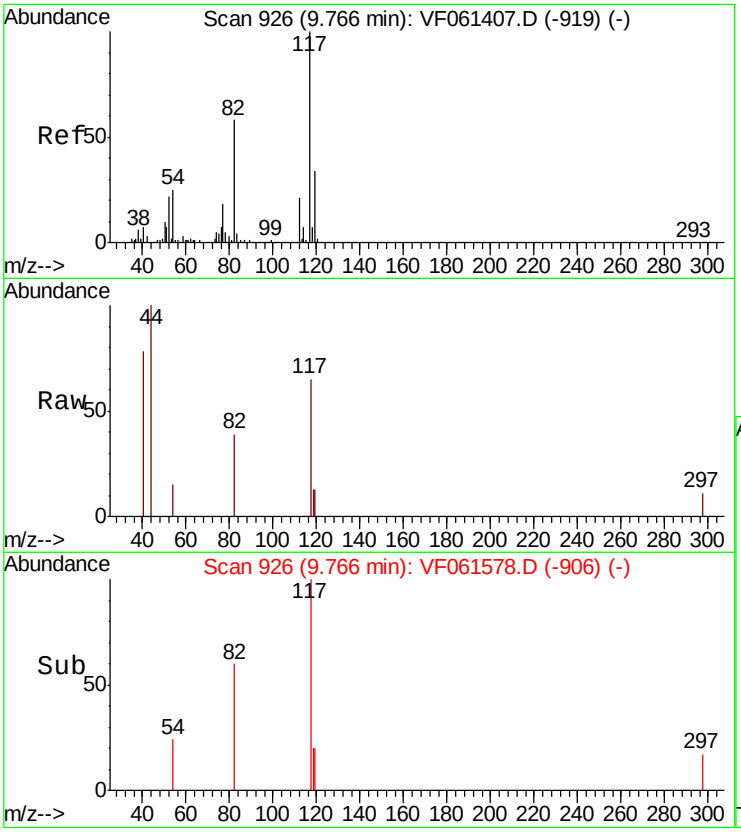




#62
4-Bromofluorobenzene
Concen: 15.007 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 95 Resp: 263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 43.7 | 0.0 | 130.4 |
| 176 | 0.0 | 0.0 | 126.2 |



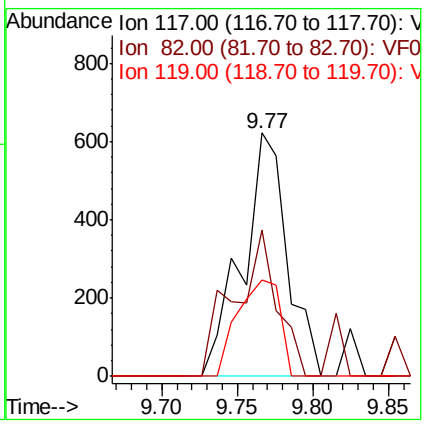


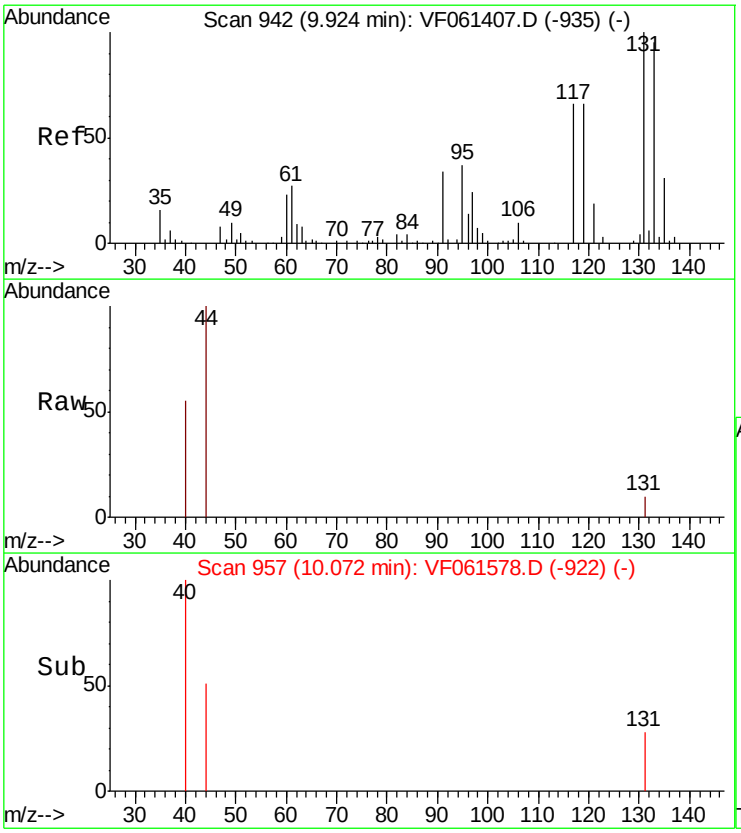

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.00 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion:117 Resp: 1289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 60.3 | 46.4 | 69.6 |
| 119 | 39.7 | 27.2 | 40.8 |

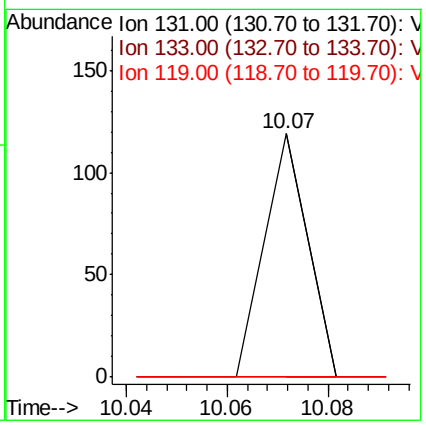


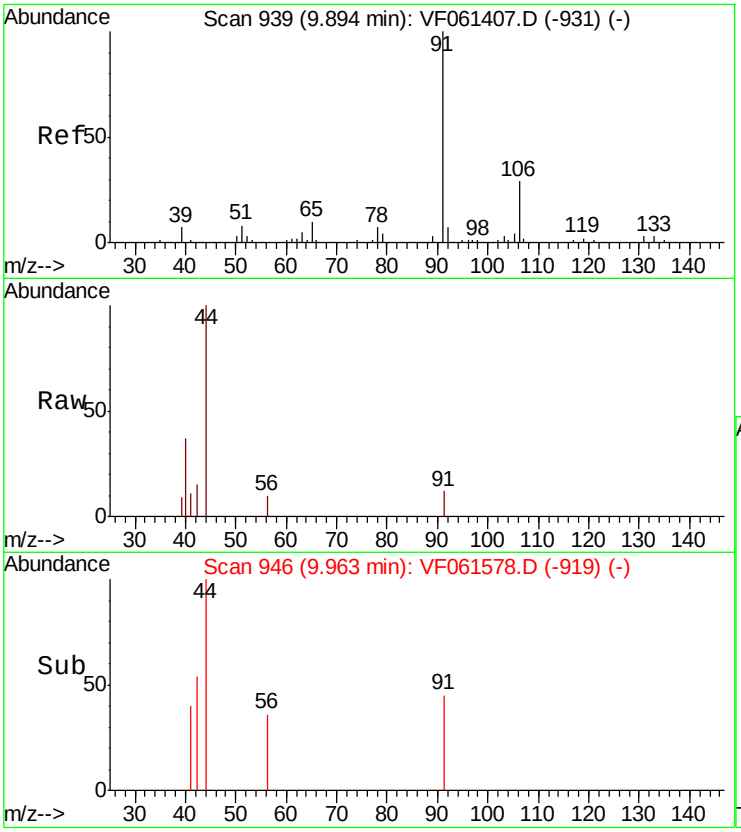




#66
1,1,1,2-Tetrachloroethane
Concen: 6.704 ug/l
RT: 10.07 min Scan# 957
Delta R.T. 0.15 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion:131 Resp: 70

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 0.0 | 47.4 | 142.2# |
| 119 | 0.0 | 33.1 | 99.3# |



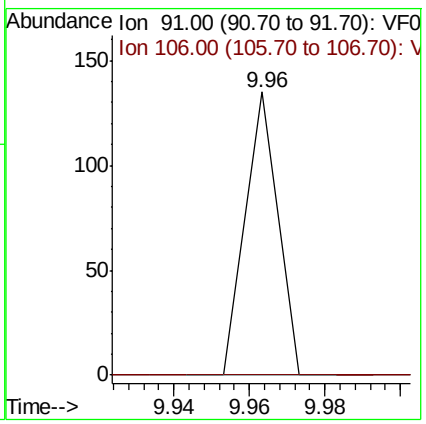


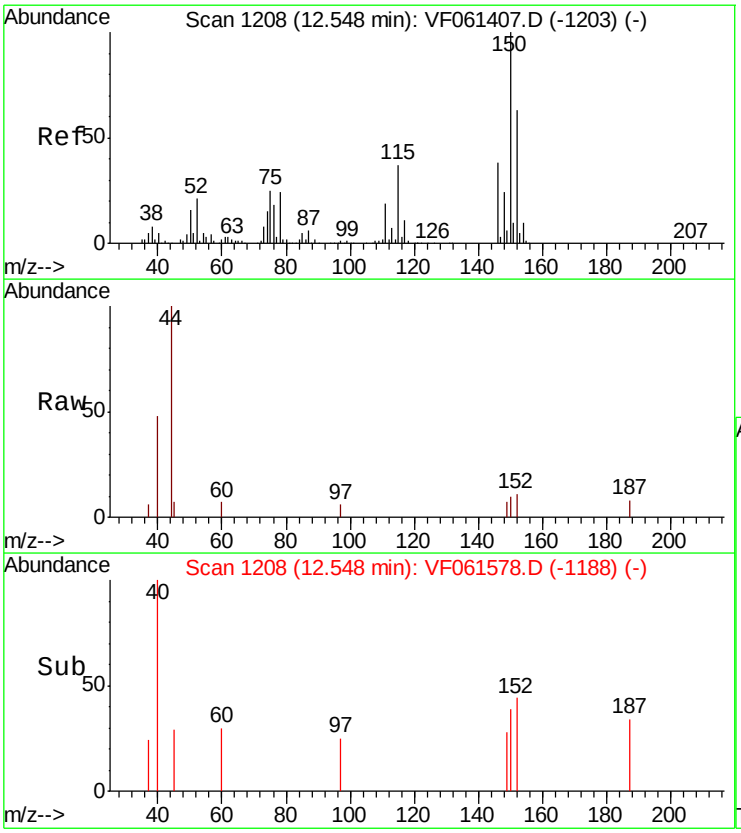

#67
Ethyl Benzene
Concen: 1.670 ug/l
RT: 9.96 min Scan# 946
Delta R.T. 0.07 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :** MSVOA_F
**ClientSampleId :** SB-05(8-9)RE

Tgt Ion: 91 Resp: 80

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 0.0 | 23.1 | 34.7# |

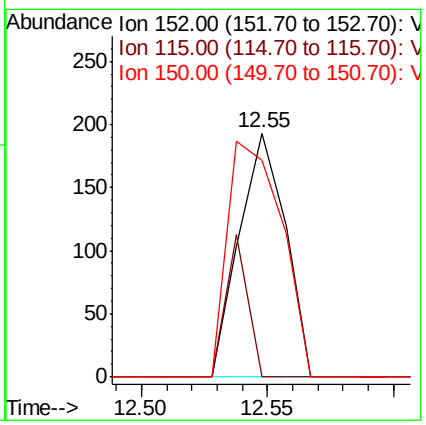


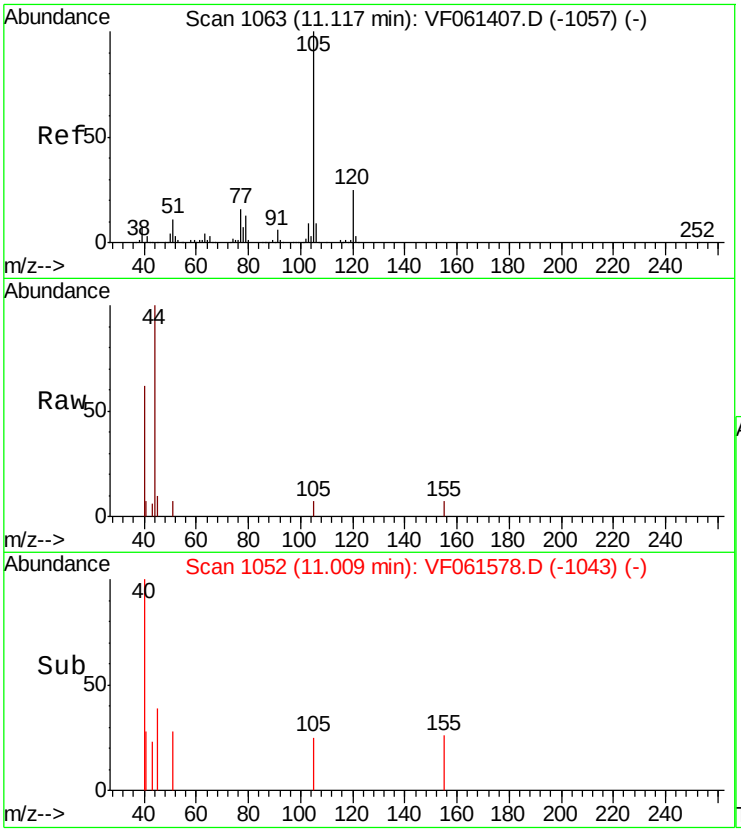




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion:152 Resp: 247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 0.0 | 30.0 | 90.0# |
| 150 | 89.1 | 0.0 | 321.4 |



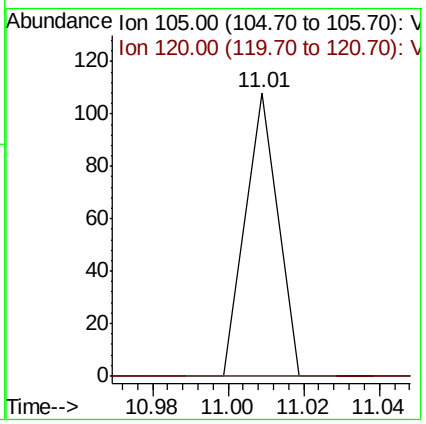


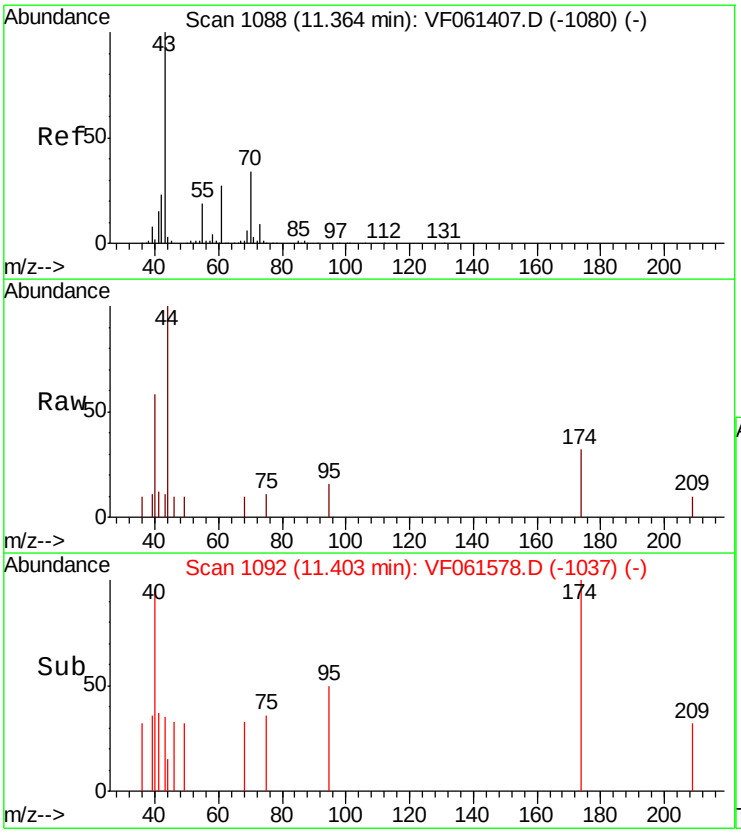

#73
Isopropylbenzene
Concen: 3.186 ug/l
RT: 11.01 min Scan# 1052
Delta R.T. -0.11 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion:105 Resp: 64

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 0.0 | 12.6 | 37.8# |

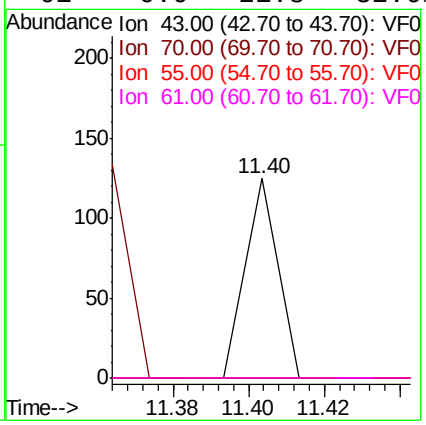


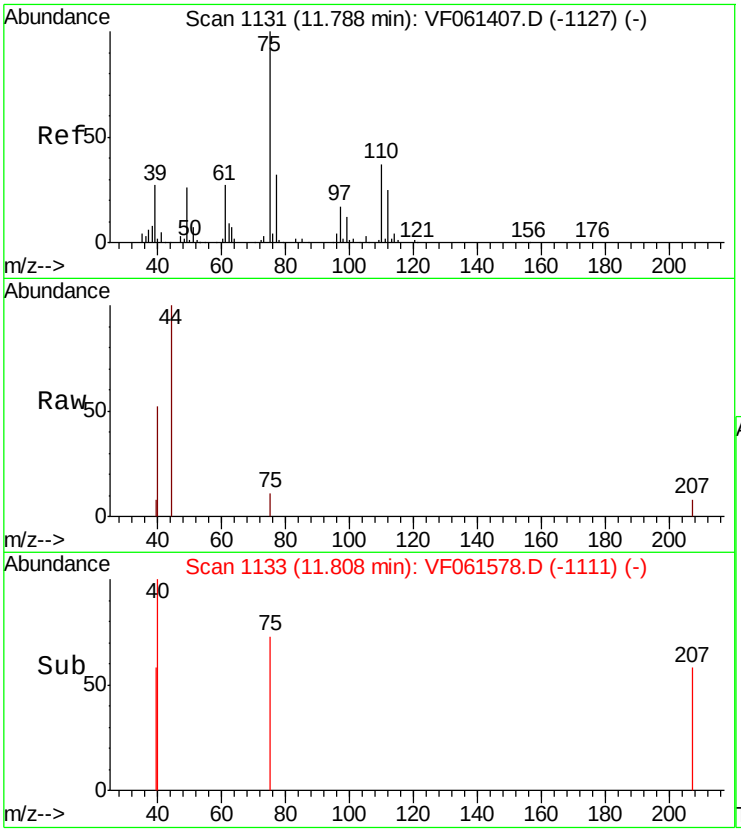




#74
N-amyl acetate
Concen: 15.578 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. 0.04 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 43 Resp: 74

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 0.0 | 27.6 | 41.4# |
| 55 | 0.0 | 15.4 | 23.2# |
| 61 | 0.0 | 21.8 | 32.6# |



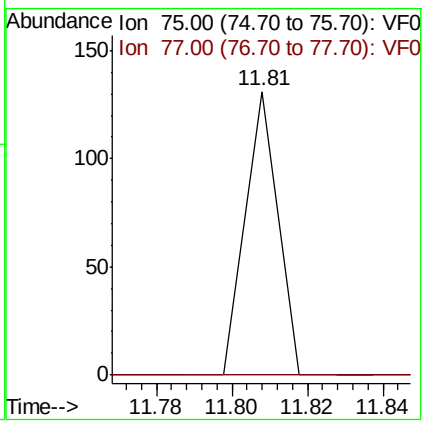


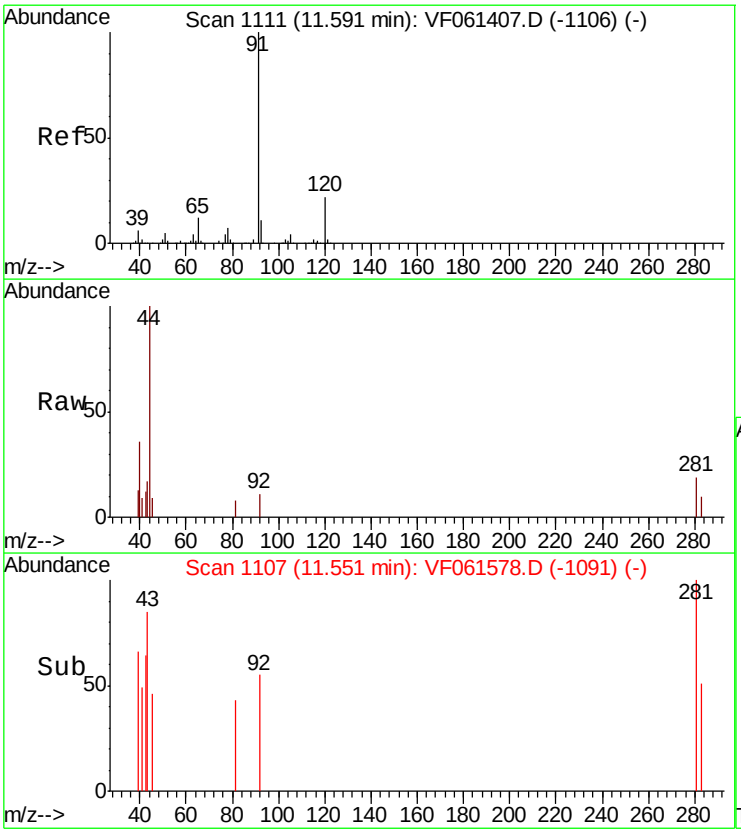

#76
1,2,3-Trichloropropane
Concen: 30.332 ug/l
RT: 11.81 min Scan# 1133
Delta R.T. 0.02 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :** MSVOA_F
**ClientSampleId :** SB-05(8-9)RE

Tgt Ion: 75 Resp: 78

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 16.1 | 48.3# |

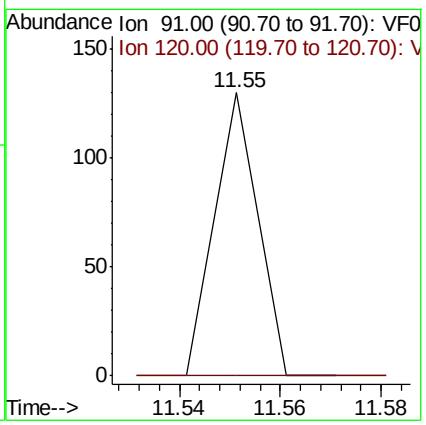


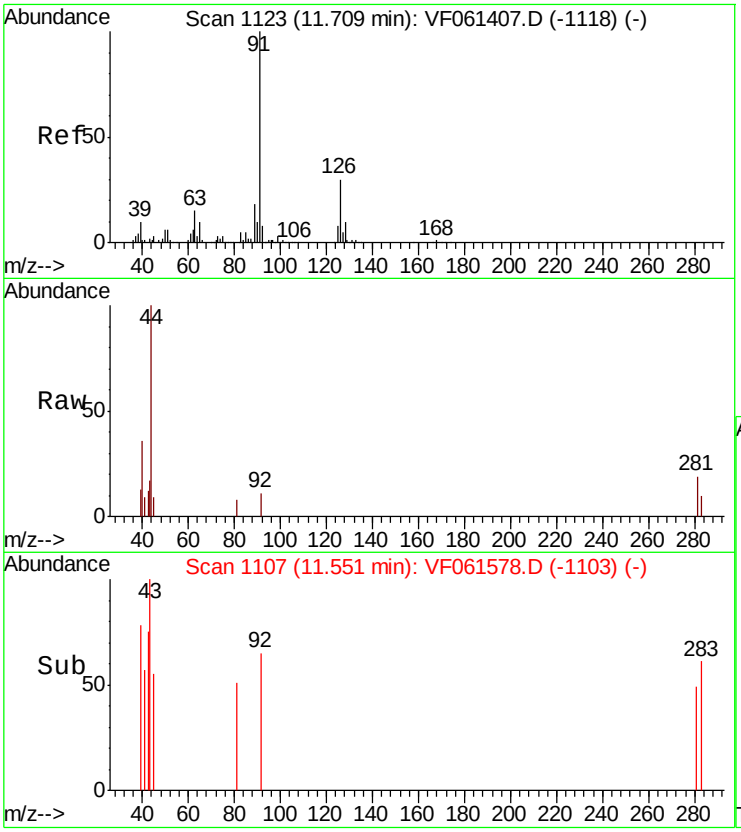




#78
n-propylbenzene
Concen: 3.023 ug/l
RT: 11.55 min Scan# 1107
Delta R.T. -0.04 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion: 91 Resp: 77

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 0.0 | 10.9 | 32.6# |



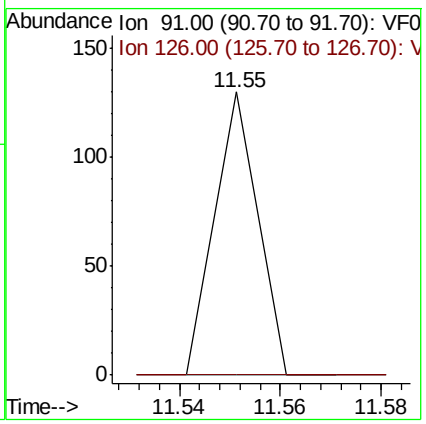


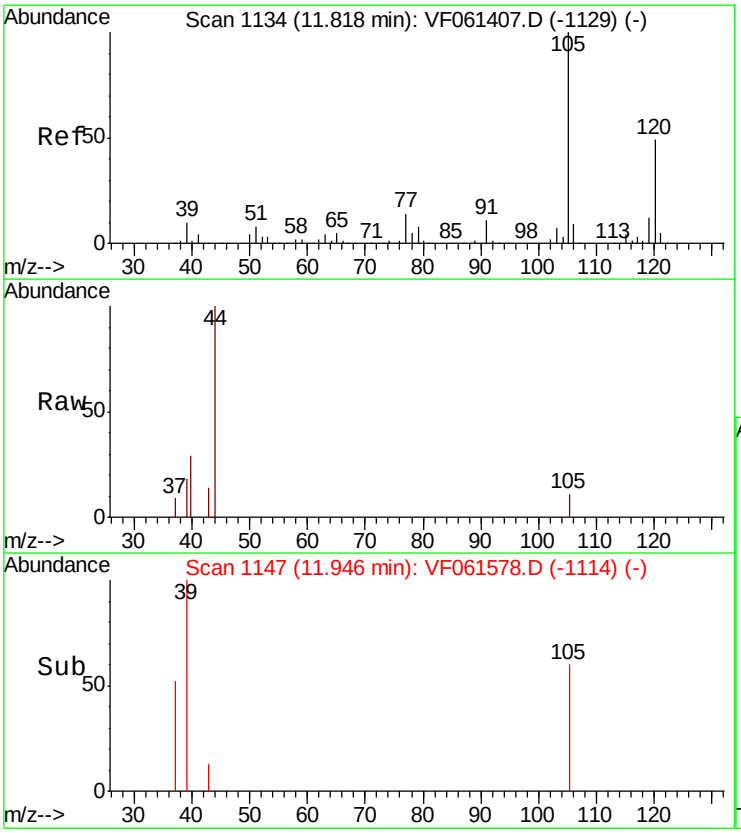

#79
2-Chlorotoluene
Concen: 5.524 ug/l
RT: 11.55 min Scan# 1107
Delta R.T. -0.16 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion: 91 Resp: 77

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 15.0 | 45.1# |

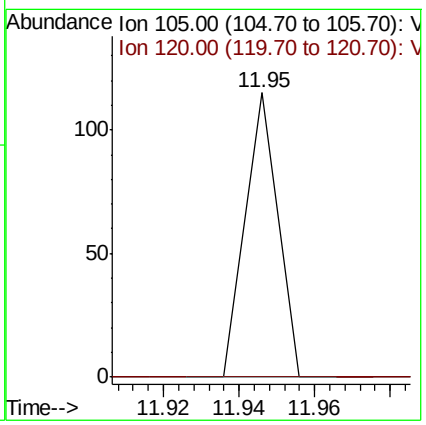


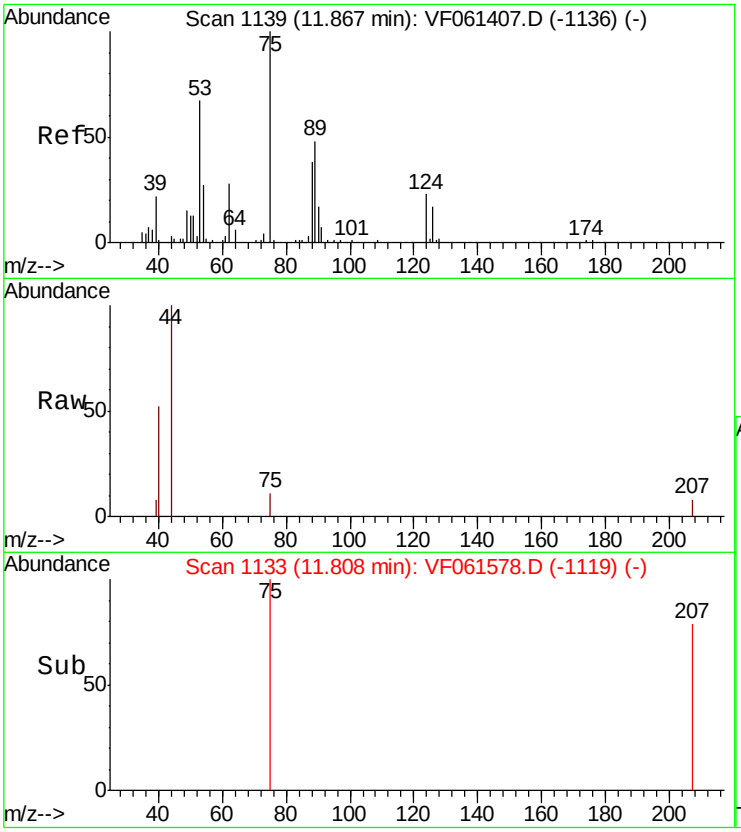




#80
1,3,5-Trimethylbenzene
Concen: 4.194 ug/l
RT: 11.95 min Scan# 1147
Delta R.T. 0.13 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion:105 Resp: 68

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 0.0 | 24.7 | 74.1# |



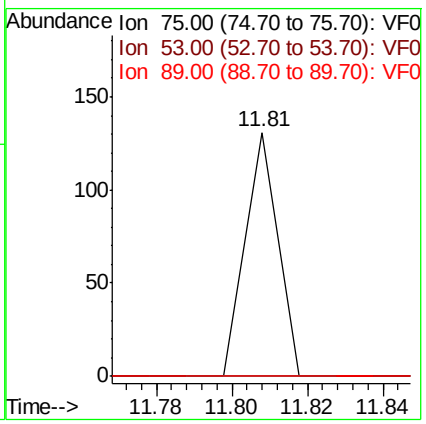


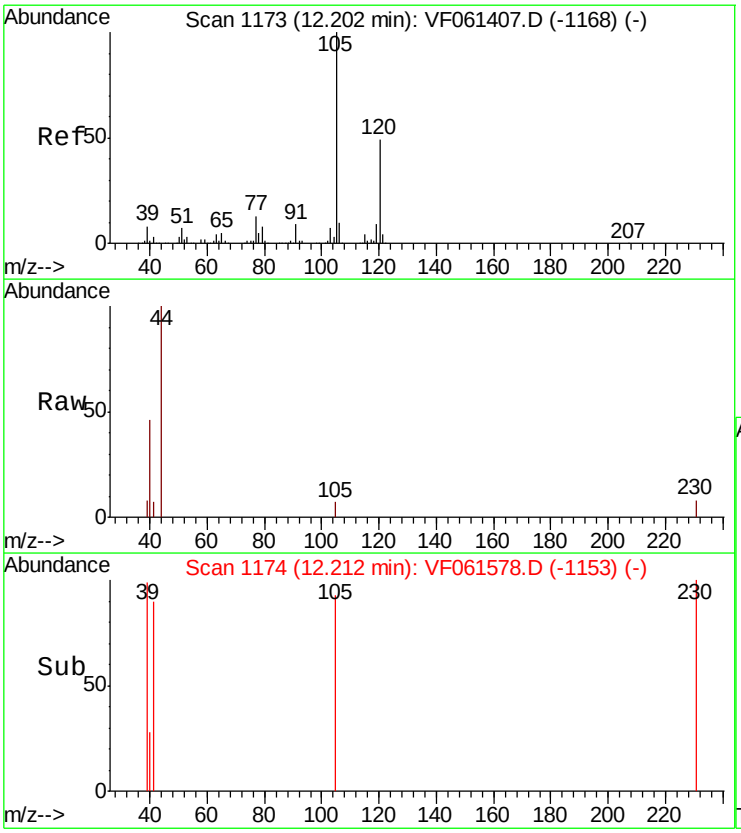

#81
trans-1,4-Dichloro-2-butene
Concen: 69.776 ug/l
RT: 11.81 min Scan# 1133
Delta R.T. -0.06 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion: 75 Resp: 78

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 57.8 | 86.6# |
| 89 | 0.0 | 40.7 | 61.1# |

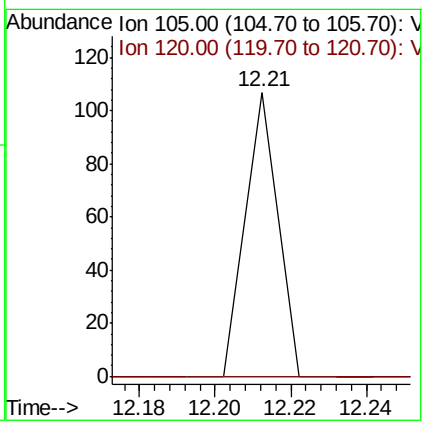


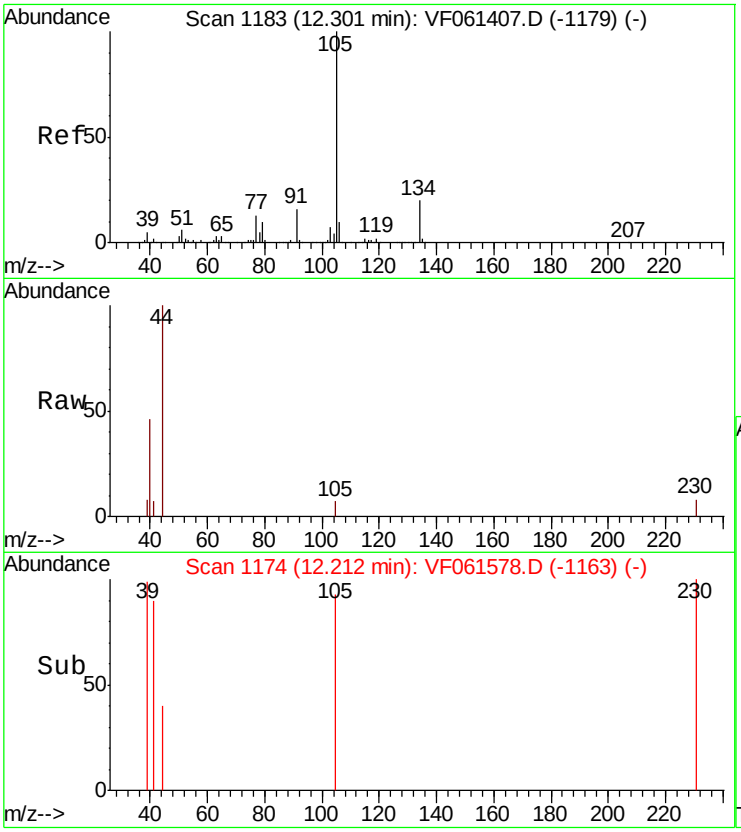




#84
1,2,4-Trimethylbenzene
Concen: 3.773 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. 0.01 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

Tgt Ion:105 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 0.0 | 24.9 | 74.6# |






#85
sec-Butylbenzene
Concen: 2.765 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. -0.09 min
Lab File: VF061578.D
Acq: 9 Feb 2019 00:58

**Instrument :**
MSVOA_F
**ClientSampleId :**
SB-05(8-9)RE

Tgt Ion:105 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 0.0 | 10.0 | 30.0# |