Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052219\
Data File : VF062714.D
Acq On : 22 May 2019 19:09
Operator : FY/SY
Sample : K3002-06RE
Misc : 5.01g/5mL/MSVOA_F/SOIL
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: May 23 01:24:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.04 | 168 | 107654 | 50.00 | ug/l | -0.02 |
| 34) 1,4-Difluorobenzene | 5.76 | 114 | 140772 | 50.00 | ug/l | -0.02 |
| 63) Chlorobenzene-d5 | 9.89 | 117 | 68632 | 50.00 | ug/l | -0.02 |
| 72) 1,4-Dichlorobenzene-d4 | 12.60 | 152 | 16255 | 50.00 | ug/l | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.01 | 65 | 12301 | 16.17 | ug/l | -0.02 |
| Spiked Amount 50.000 | | | Recovery = 32.34% | | | |
| 35) Dibromofluoromethane | 4.29 | 113 | 33889 | 31.46 | ug/l | -0.02 |
| Spiked Amount 50.000 | | | Recovery = 62.92% | | | |
| 50) Toluene-d8 | 7.70 | 98 | 101656 | 39.53 | ug/l | -0.01 |
| Spiked Amount 50.000 | | | Recovery = 79.06% | | | |
| 62) 4-Bromofluorobenzene | 11.48 | 95 | 19306 | 19.79 | ug/l | -0.02 |
| Spiked Amount 50.000 | | | Recovery = 39.58% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 6) Chloroethane | 1.45 | 64 | 788 | 1.728 | ug/l # | 34 |
| 8) Diethyl Ether | 1.75 | 74 | 342 | 1.035 | ug/l | 90 |
| 11) Tert butyl alcohol | 2.72 | 59 | 1059 | 21.085 | ug/l # | 29 |
| 12) 1,1-Dichloroethene | 1.86 | 96 | 1262 | 1.305 | ug/l # | 1 |
| 13) Acrolein | 2.17 | 56 | 713 | 13.600 | ug/l | 85 |
| 14) Allyl chloride | 2.17 | 41 | 1088 | 1.243 | ug/l # | 75 |
| 15) Acrylonitrile | 3.07 | 53 | 880 | 6.211 | ug/l # | 31 |
| 16) Acetone | 2.32 | 43 | 279 | 1.414 | ug/l # | 73 |
| 17) Carbon Disulfide | 1.87 | 76 | 7039 | 2.456 | ug/l # | 90 |
| 20) Methylene Chloride | 2.30 | 84 | 2777 | 2.807 | ug/l # | 77 |
| 25) 2-Butanone | 4.40 | 43 | 540 | 1.281 | ug/l | 92 |
| 29) Tetrahydrofuran | 4.27 | 42 | 366 | 2.145 | ug/l # | 1 |
| 37) Ethyl Acetate | 4.29 | 43 | 1456 | 2.472 | ug/l # | 33 |
| 41) Methacrylonitrile | 4.90 | 41 | 650 | 2.105 | ug/l # | 47 |
| 48) Methyl methacrylate | 6.87 | 41 | 1579 | 3.959 | ug/l # | 33 |
| 49) 1,4-Dioxane | 6.86 | 88 | 208 | 40.720 | ug/l # | 1 |
| 51) 4-Methyl-2-Pentanone | 8.41 | 43 | 2240 | 4.295 | ug/l # | 67 |
| 56) Ethyl methacrylate | 8.76 | 69 | 8591 | 11.817 | ug/l # | 66 |
| 59) 2-Hexanone | 9.73 | 43 | 202 | Below Cal | | 92 |
| 68) m/p-Xylenes | 10.25 | 106 | 1927 | 2.189 | ug/l # | 66 |
| 69) o-Xylene | 10.80 | 106 | 1187 | 1.309 | ug/l | 43 |
| 73) Isopropylbenzene | 11.21 | 105 | 1379 | 1.184 | ug/l | 80 |
| 74) N-amyl acetate | 11.34 | 43 | 8806 | 27.252 | ug/l # | 1 |
| 75) 1,1,2,2-Tetrachloroethane | 11.80 | 83 | 308 | 1.294 | ug/l # | 23 |
| 76) 1,2,3-Trichloropropane | 11.89 | 75 | 871 | 5.568 | ug/l # | 5 |
| 80) 1,3,5-Trimethylbenzene | 11.88 | 105 | 8779 | 9.398 | ug/l | 91 |
| 81) trans-1,4-Dichloro-2-buten | 11.94 | 75 | 250 | 3.595 | ug/l # | 35 |
| 82) 4-Chlorotoluene | 12.06 | 91 | 1357 | 1.771 | ug/l | 87 |
| 84) 1,2,4-Trimethylbenzene | 12.26 | 105 | 12657 | 13.999 | ug/l | 93 |
| 85) sec-Butylbenzene | 12.36 | 105 | 2044 | 1.607 | ug/l | 98 |
| 86) p-Isopropyltoluene | 12.50 | 119 | 1514 | 1.412 | ug/l # | 78 |
| 89) n-Butylbenzene | 12.88 | 91 | 4197 | 3.971 | ug/l # | 55 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.67 | 75 | 241 | 8.485 | ug/l # | 23 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052219\
Data File : VF062714.D
Acq On : 22 May 2019 19:09
Operator : FY/SY
Sample : K3002-06RE
Misc : 5.01g/5mL/MSVOA F/SOIL
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: May 23 01:24:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

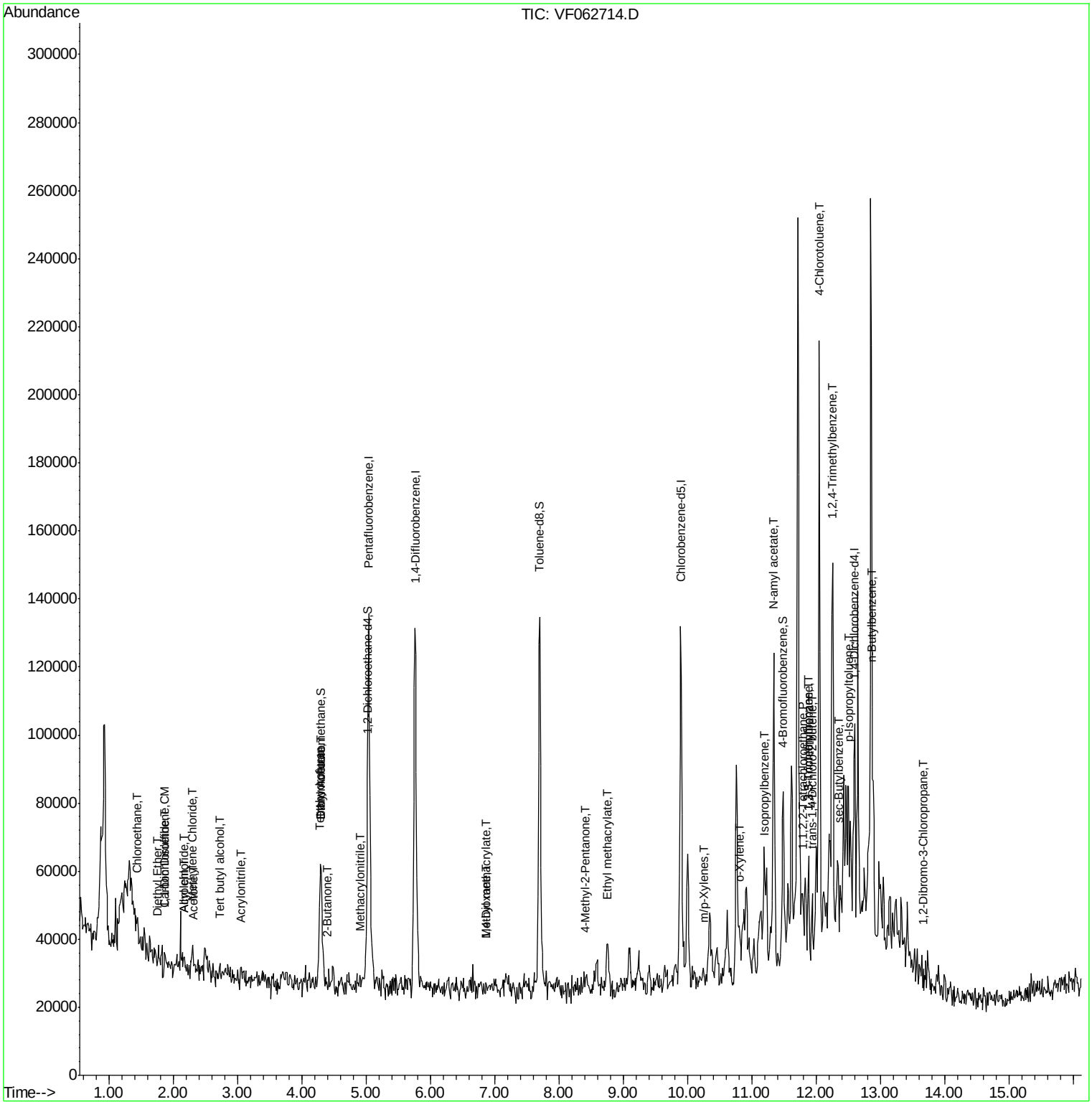
(#) = qualifier out of range (m) = manual integration (+) = signals summed

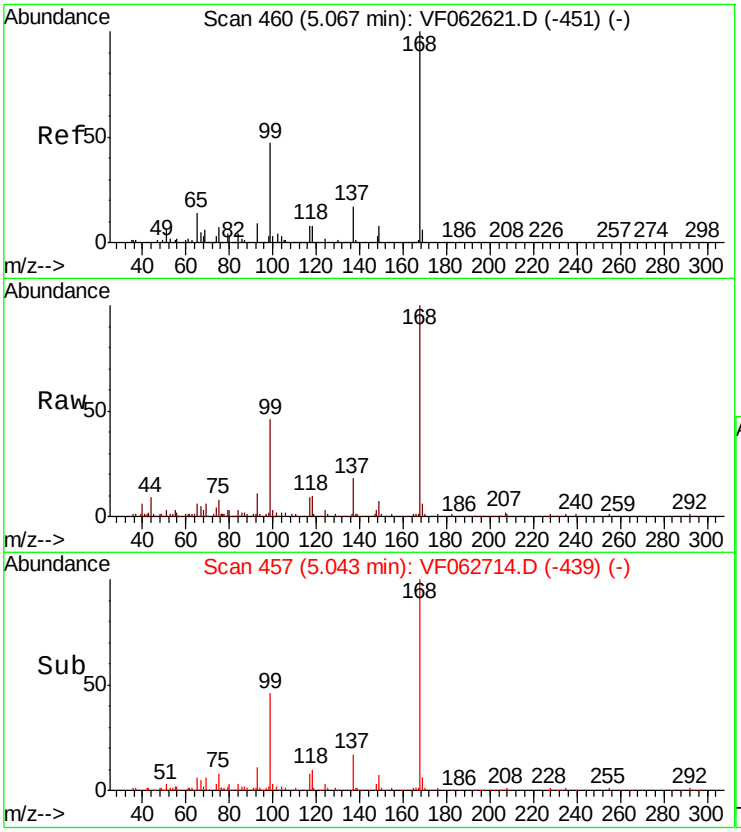
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052219\
Data File : VF062714.D
Acq On : 22 May 2019 19:09
Operator : FY/SY
Sample : K3002-06RE
Misc : 5.01g/5mL/MSVOA_F/SOIL
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: May 23 01:24:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration



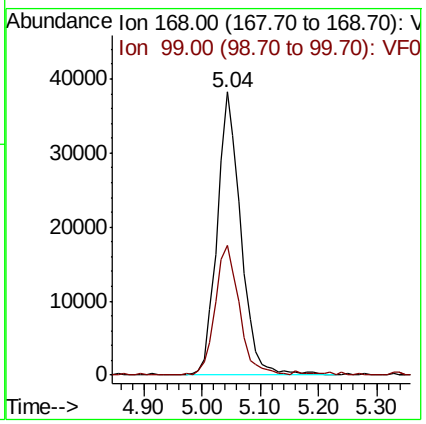


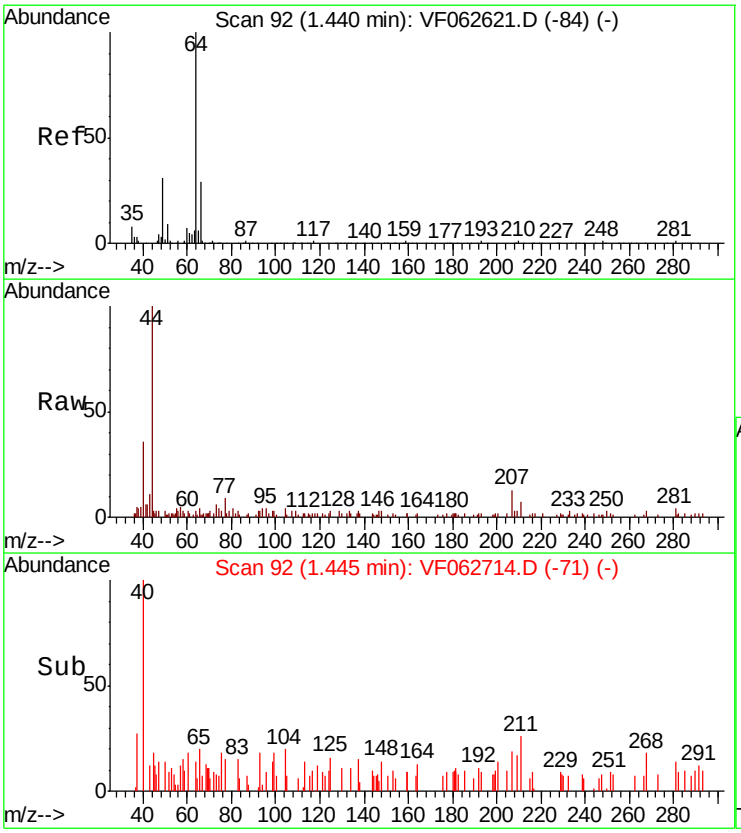

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 457
Delta R.T. -0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion:168 Resp: 107654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 45.7 | 37.8 | 56.8 |

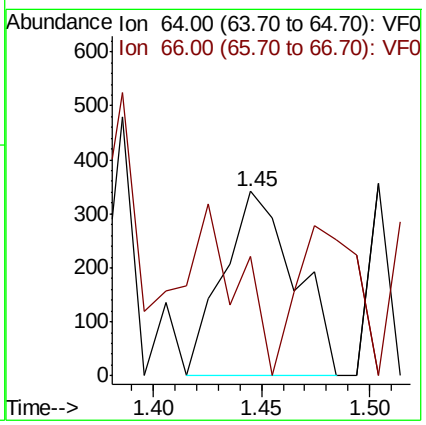


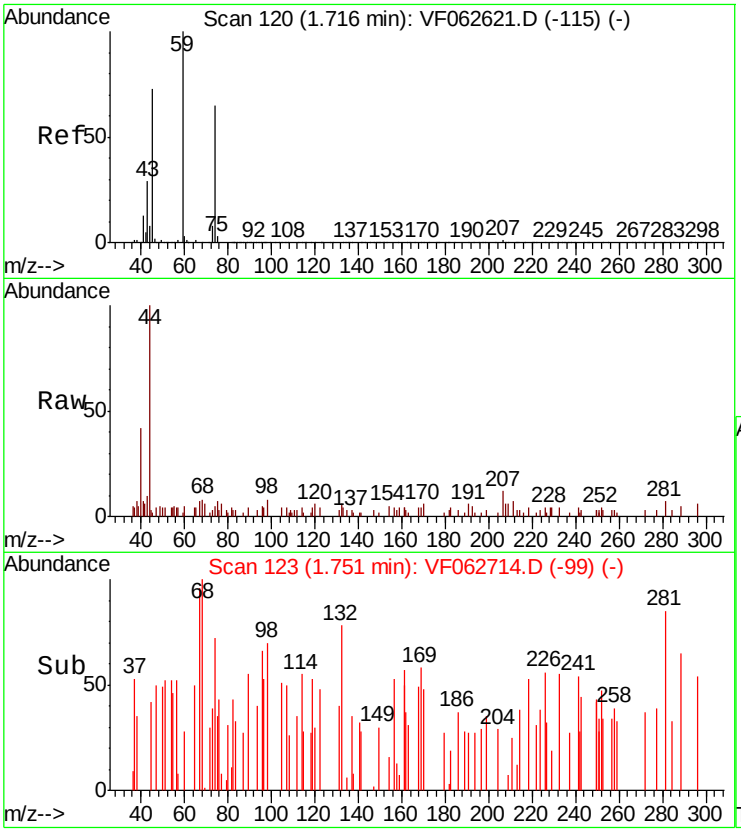




#6
Chloroethane
Concen: 1.728 ug/l
RT: 1.45 min Scan# 92
Delta R.T. 0.01 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion: 64 Resp: 788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 64.6 | 23.4 | 35.2# |



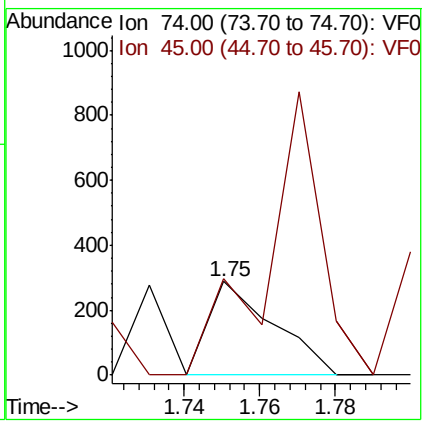


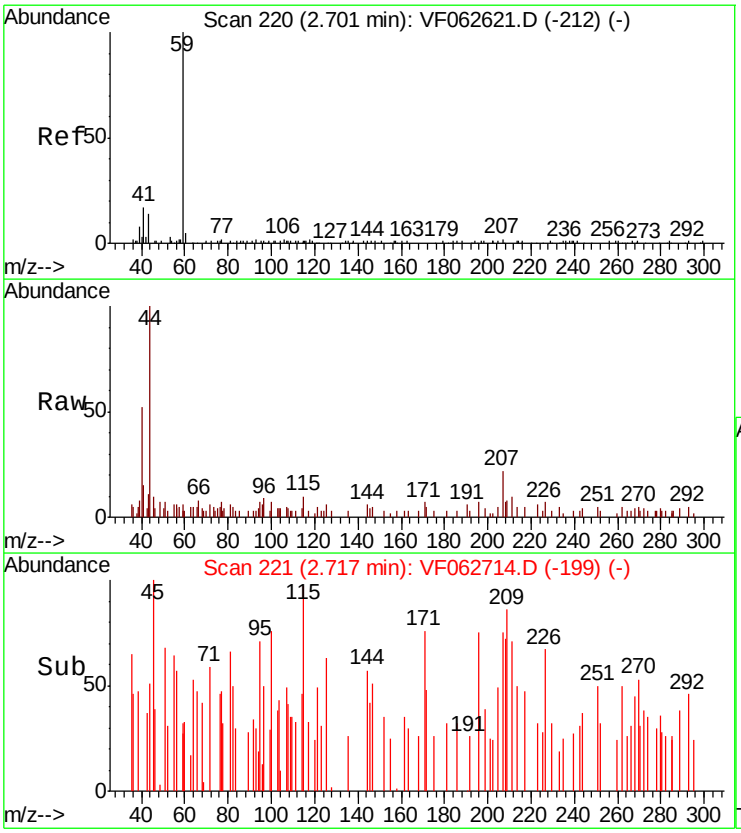

#8
Diethyl Ether
Concen: 1.035 ug/l
RT: 1.75 min Scan# 123
Delta R.T. 0.03 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion: 74 Resp: 342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 102.8 | 57.0 | 170.8 |

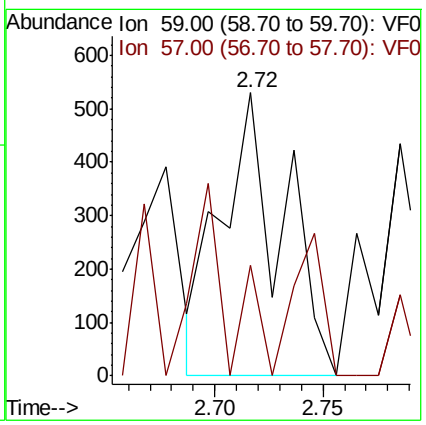


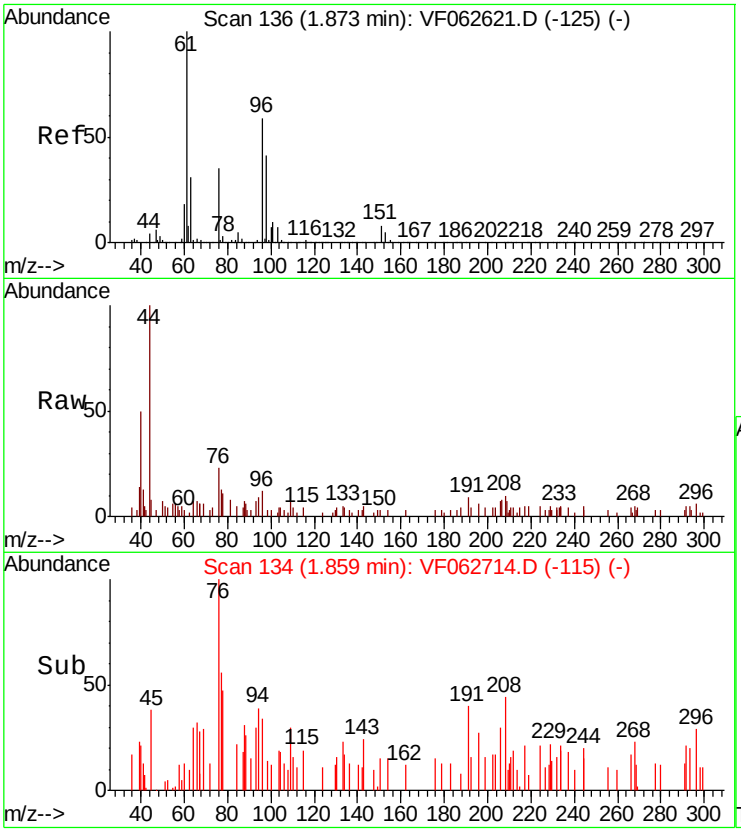




#11
Tert butyl alcohol
Concen: 21.085 ug/l
RT: 2.72 min Scan# 221
Delta R.T. 0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion: 59 Resp: 1059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 39.1 | 9.3 | 13.9# |



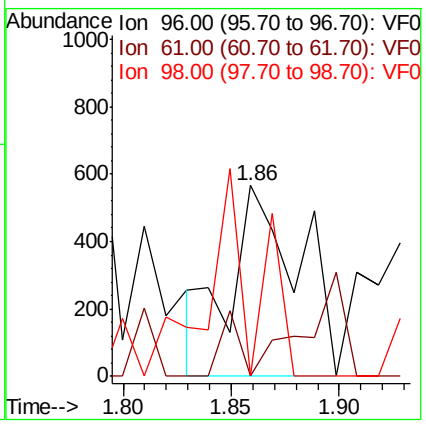


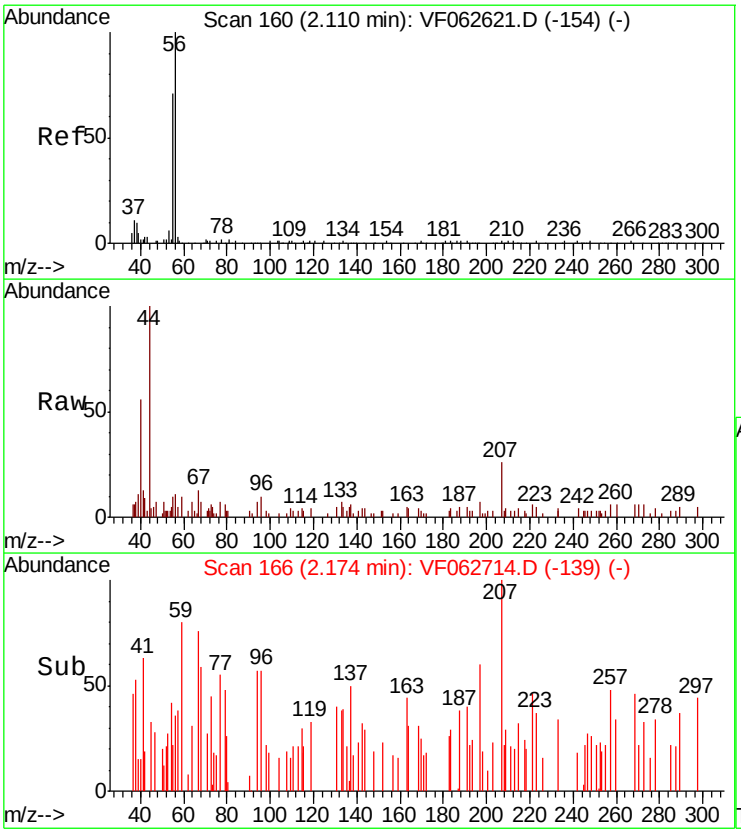

#12
1,1-Dichloroethene
Concen: 1.305 ug/l
RT: 1.86 min Scan# 134
Delta R.T. -0.01 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion: 96 Resp: 1262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 0.0 | 134.3 | 201.5# |
| 98 | 25.0 | 55.0 | 82.6# |

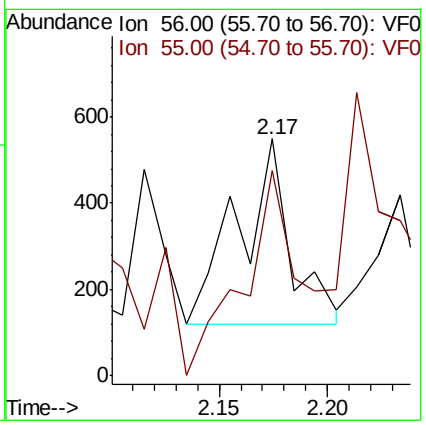


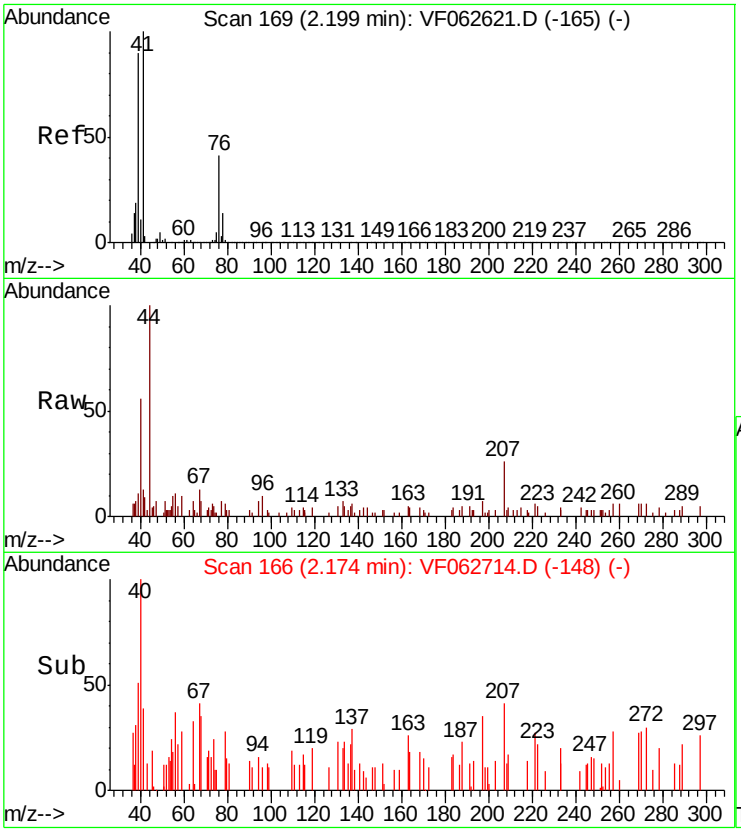




#13
Acrolein
Concen: 13.600 ug/l
RT: 2.17 min Scan# 166
Delta R.T. 0.06 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion: 56 Resp: 713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 86.7 | 59.4 | 89.0 |



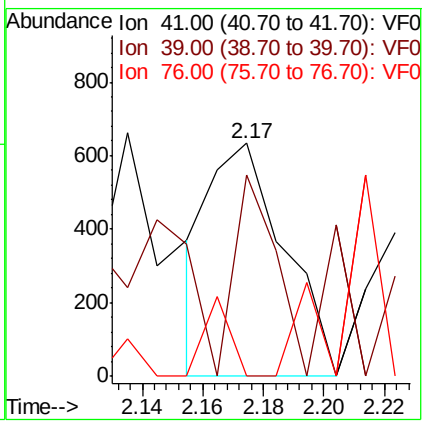


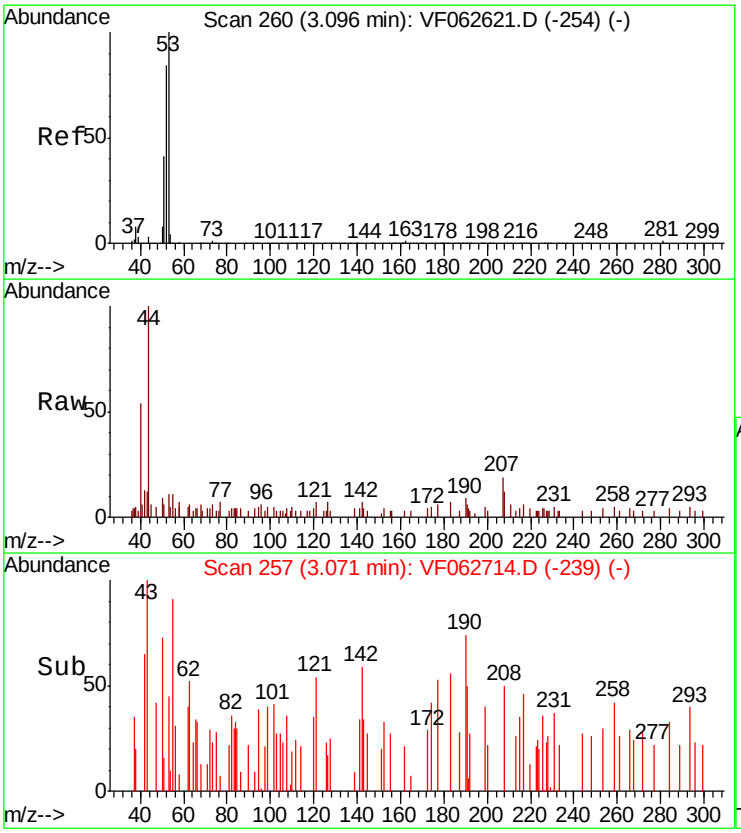

#14
Allyl chloride
Concen: 1.243 ug/l
RT: 2.17 min Scan# 166
Delta R.T. -0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion: 41 Resp: 1088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 86.3 | 72.0 | 108.0 |
| 76 | 0.0 | 34.8 | 52.2# |

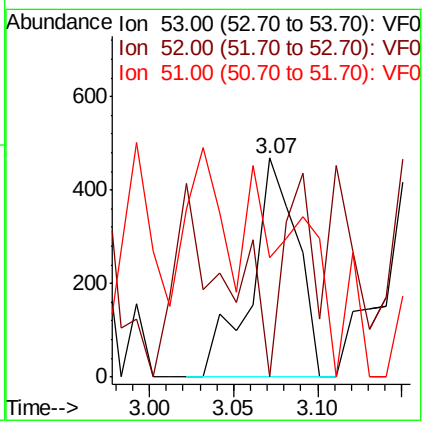


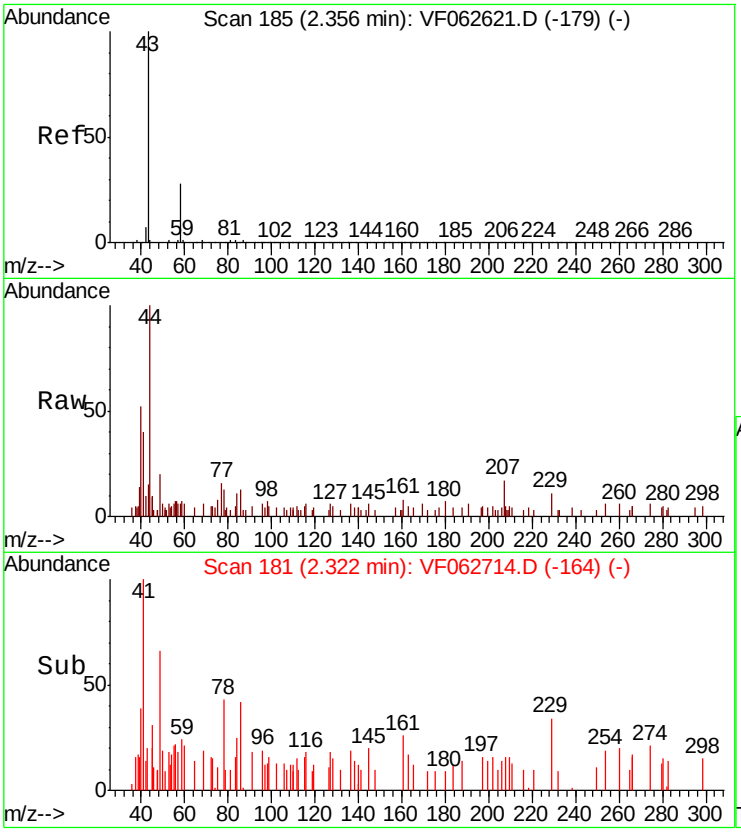




#15
Acrylonitrile
Concen: 6.211 ug/l
RT: 3.07 min Scan# 257
Delta R.T. -0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion: 53 Resp: 880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 0.0 | 67.3 | 100.9# |
| 51 | 54.5 | 33.0 | 49.6# |



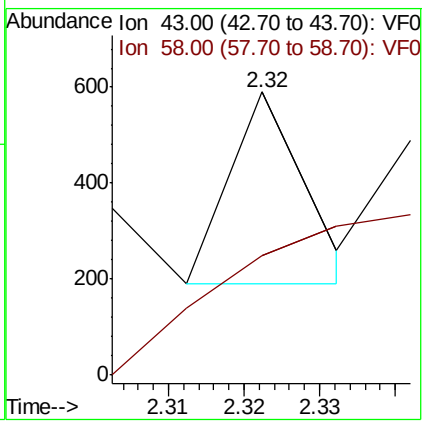


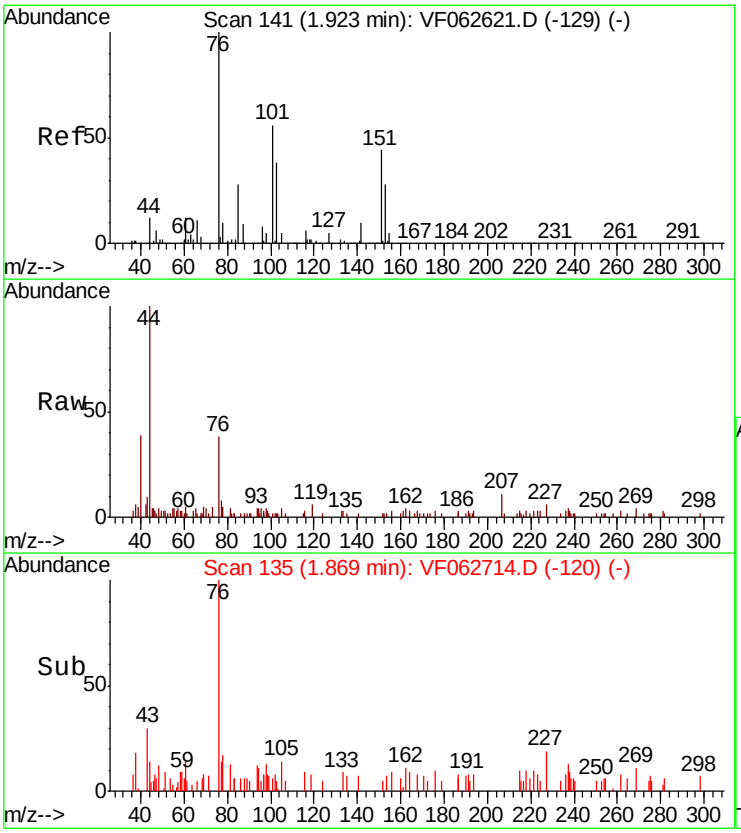

#16
Acetone
Concen: 1.414 ug/l
RT: 2.32 min Scan# 181
Delta R.T. -0.03 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion: 43 Resp: 279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 42.4 | 22.6 | 33.8# |

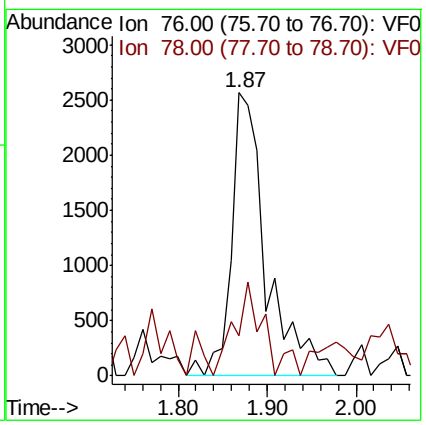


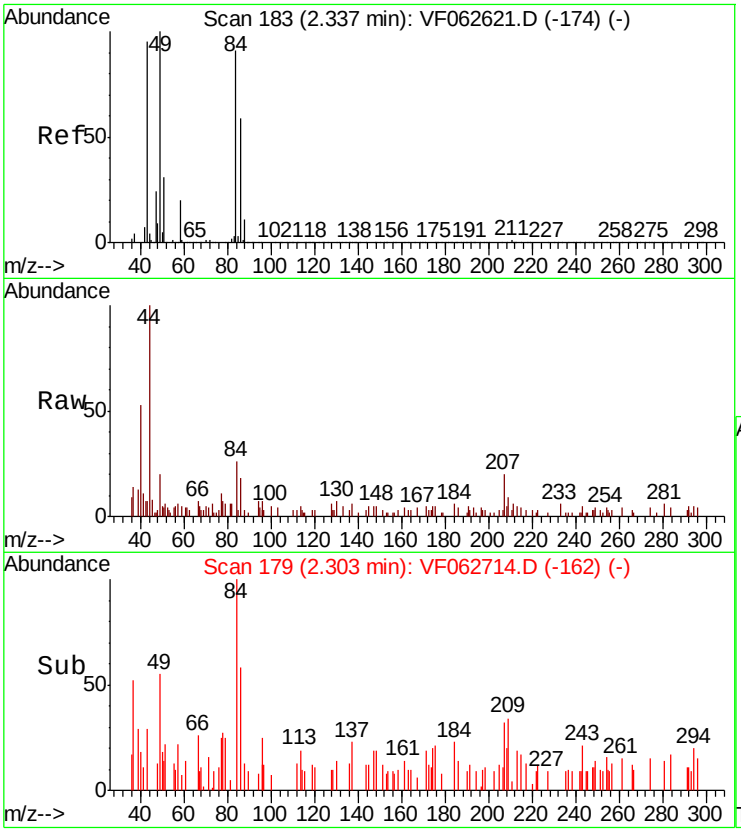




#17
Carbon Disulfide
Concen: 2.456 ug/l
RT: 1.87 min Scan# 135
Delta R.T. -0.05 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion: 76 Resp: 7039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 14.3 | 8.4 | 12.6# |



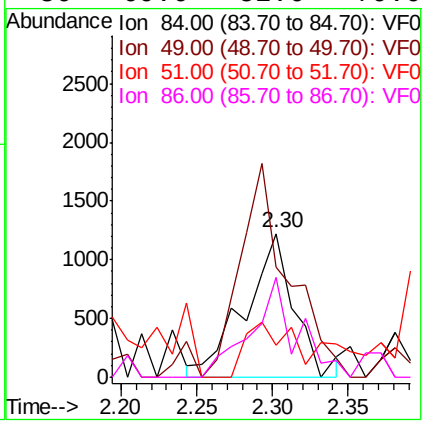


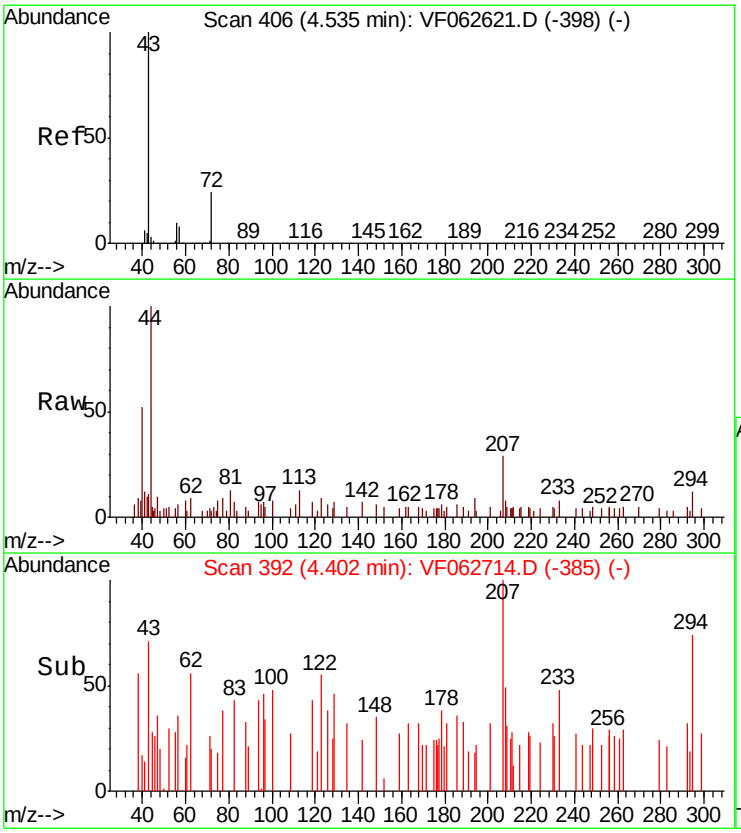

#20
Methylene Chloride
Concen: 2.807 ug/l
RT: 2.30 min Scan# 179
Delta R.T. -0.03 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion: 84 Resp: 2777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 77.1 | 89.8 | 134.8# |
| 51 | 21.9 | 28.4 | 42.6# |
| 86 | 69.6 | 52.6 | 79.0 |

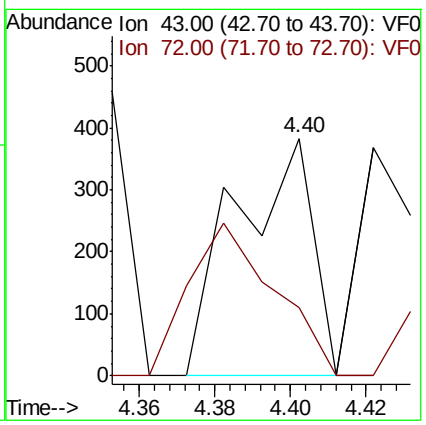


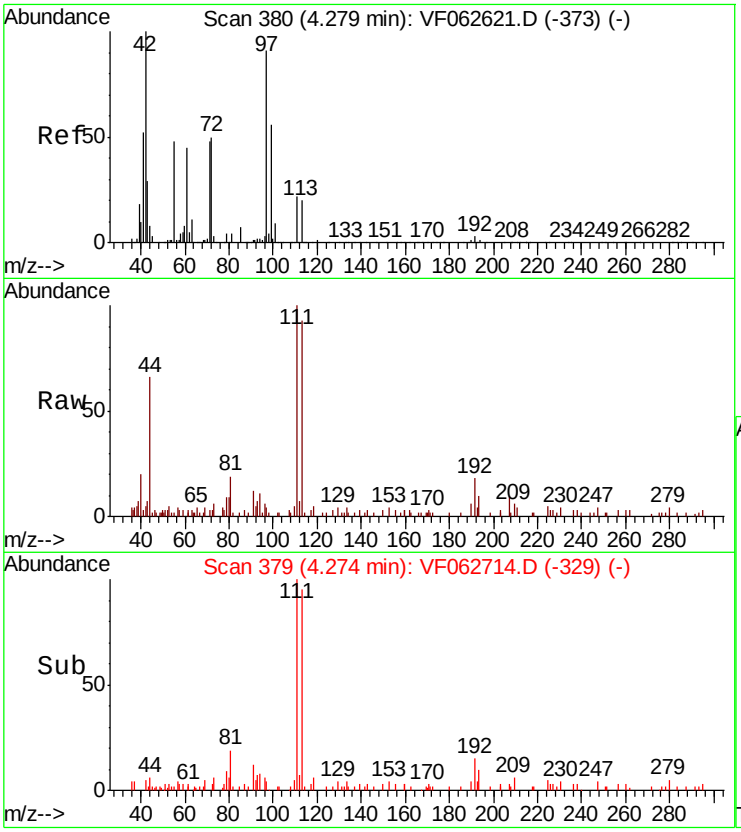




#25
2-Butanone
Concen: 1.281 ug/l
RT: 4.40 min Scan# 392
Delta R.T. -0.13 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion: 43 Resp: 540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 29.0 | 20.1 | 30.1 |



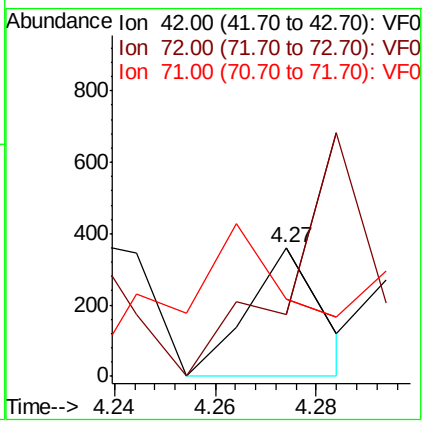


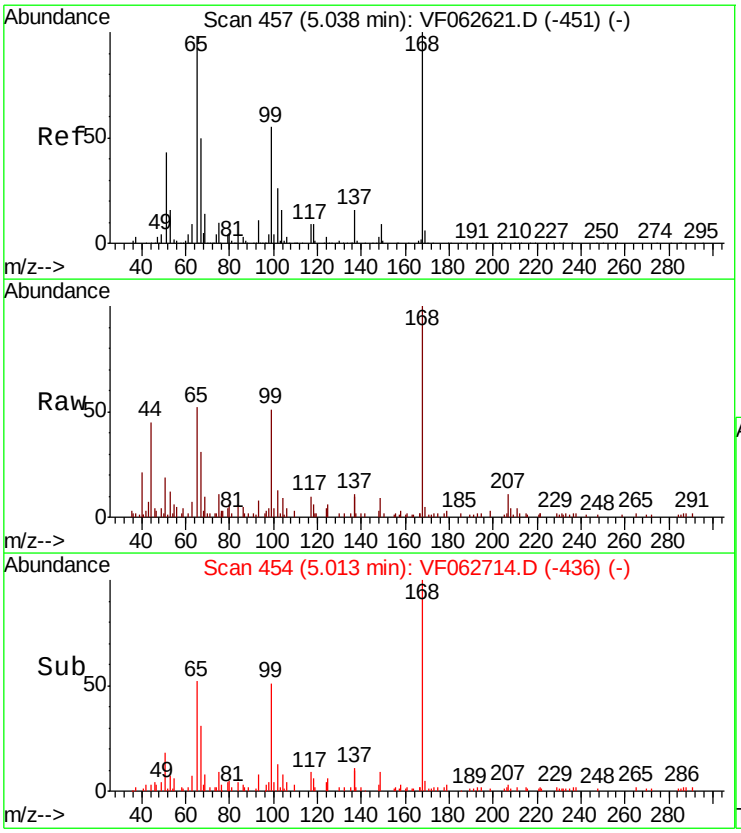

#29
Tetrahydrofuran
Concen: 2.145 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.00 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion: 42 Resp: 366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 234.7 | 38.2 | 57.2# |
| 71 | 277.3 | 35.8 | 53.6# |

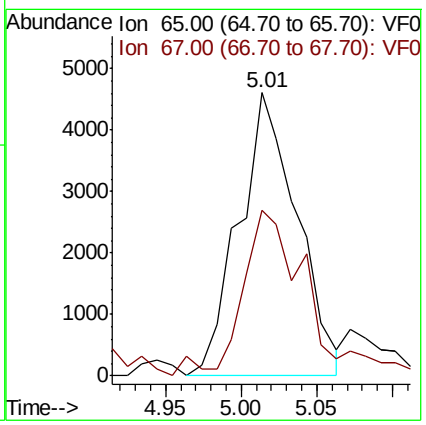


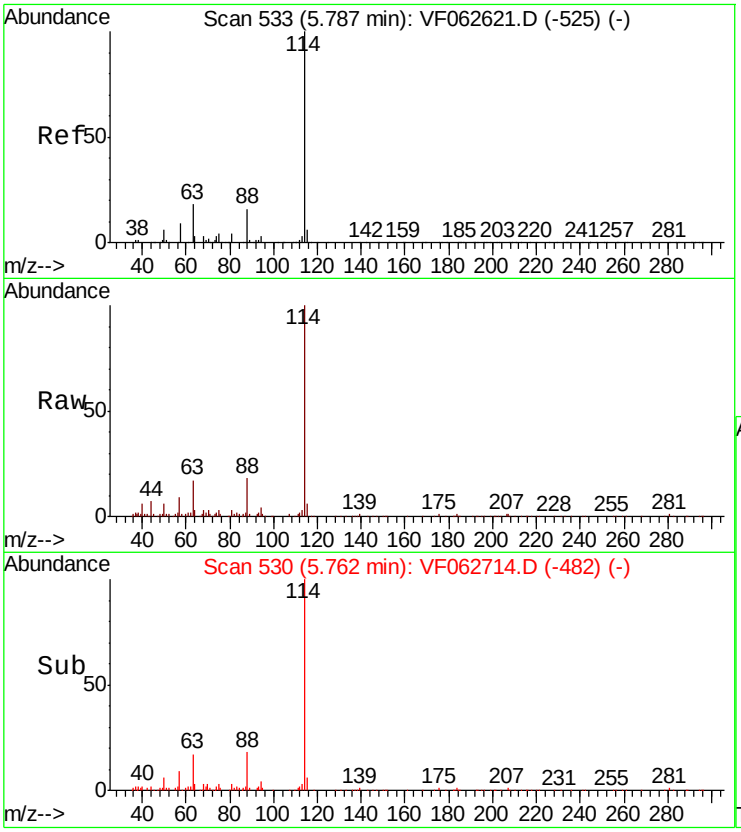




#33
1,2-Dichloroethane-d4
Concen: 16.170 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion: 65 Resp: 12301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 58.6 | 0.0 | 117.6 |



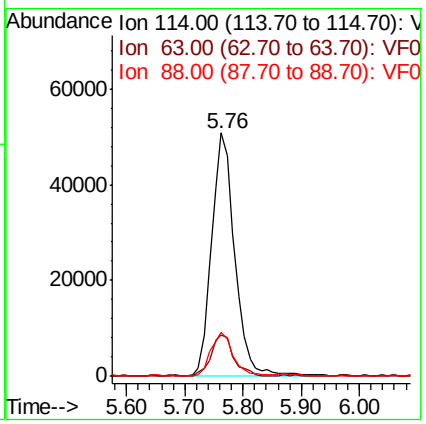


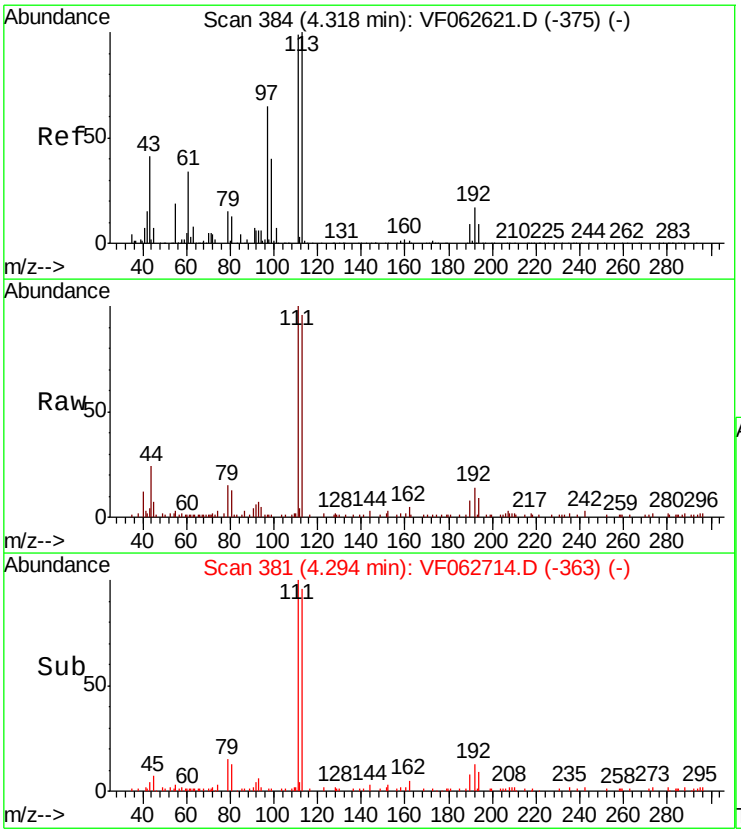

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 530
Delta R.T. -0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion:114 Resp: 140772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.0 | 0.0 | 35.4 |
| 88 | 18.1 | 0.0 | 32.4 |

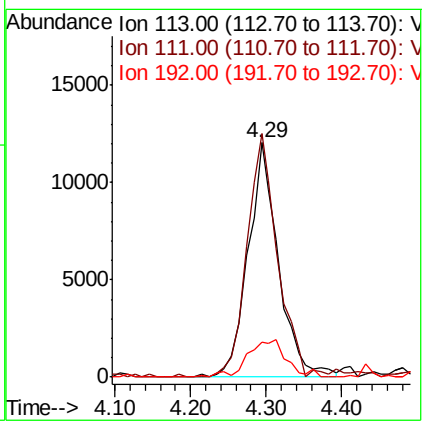


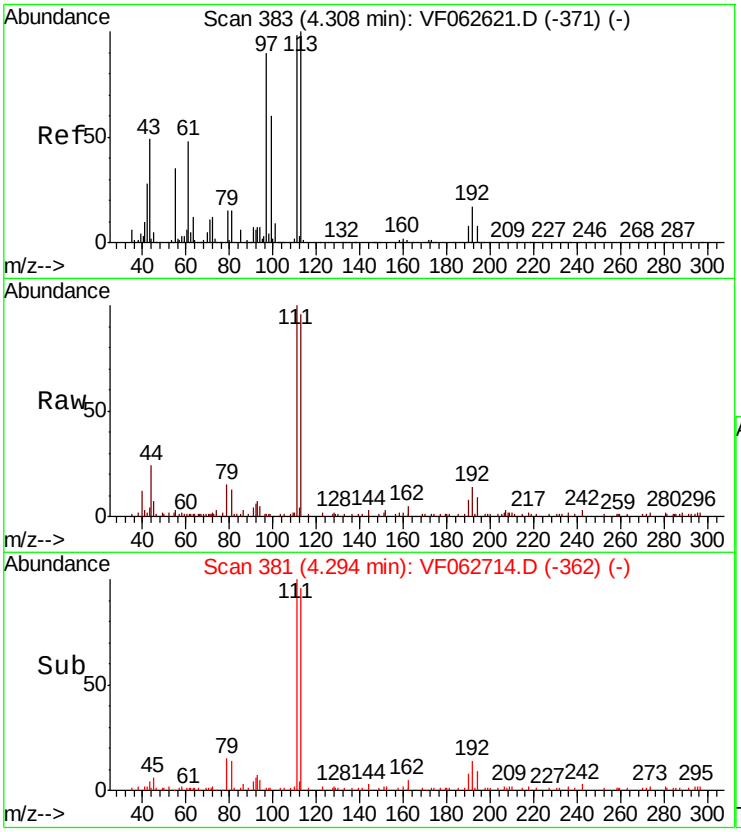




#35
Dibromofluoromethane
Concen: 31.460 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion:113 Resp: 33889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.8 | 79.4 | 119.2 |
| 192 | 14.8 | 13.4 | 20.2 |



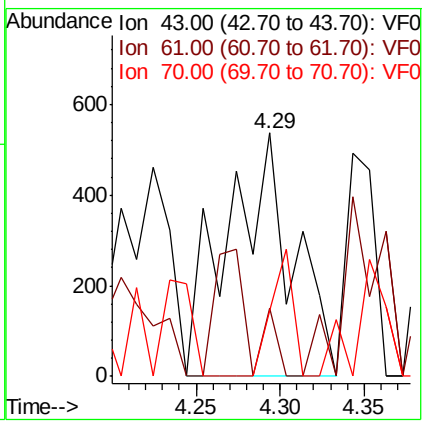


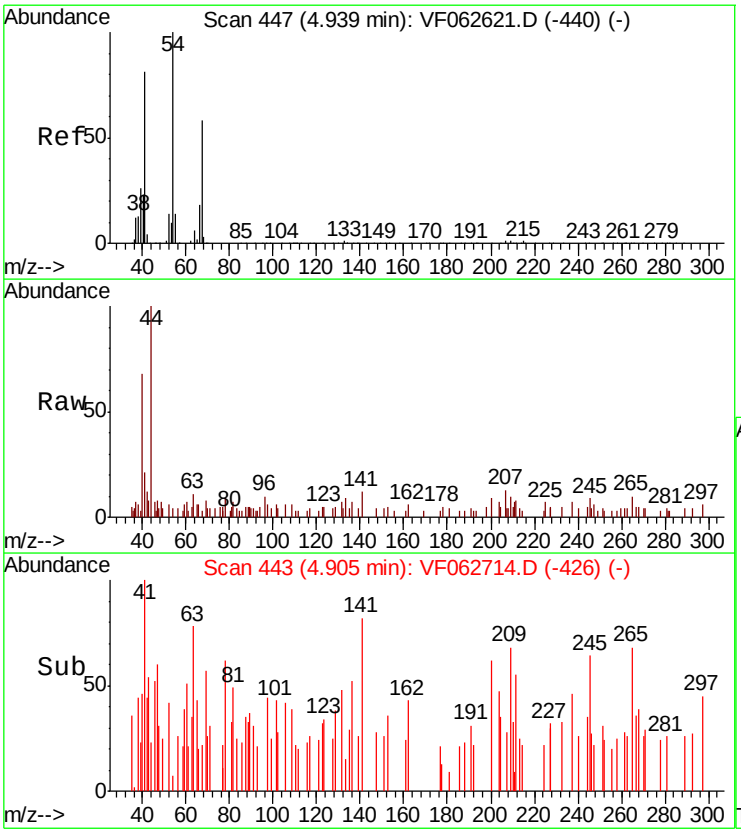

#37
Ethyl Acetate
Concen: 2.472 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion: 43 Resp: 1456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 28.3 | 76.9 | 115.3# |
| 70 | 27.2 | 8.8 | 13.2# |

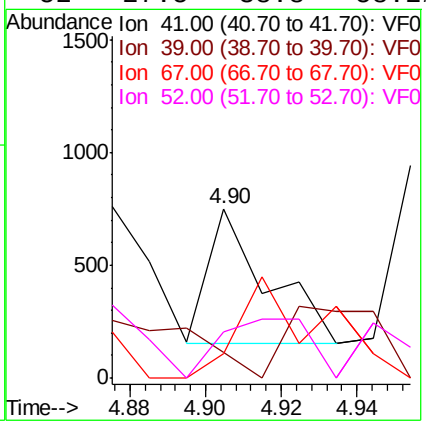


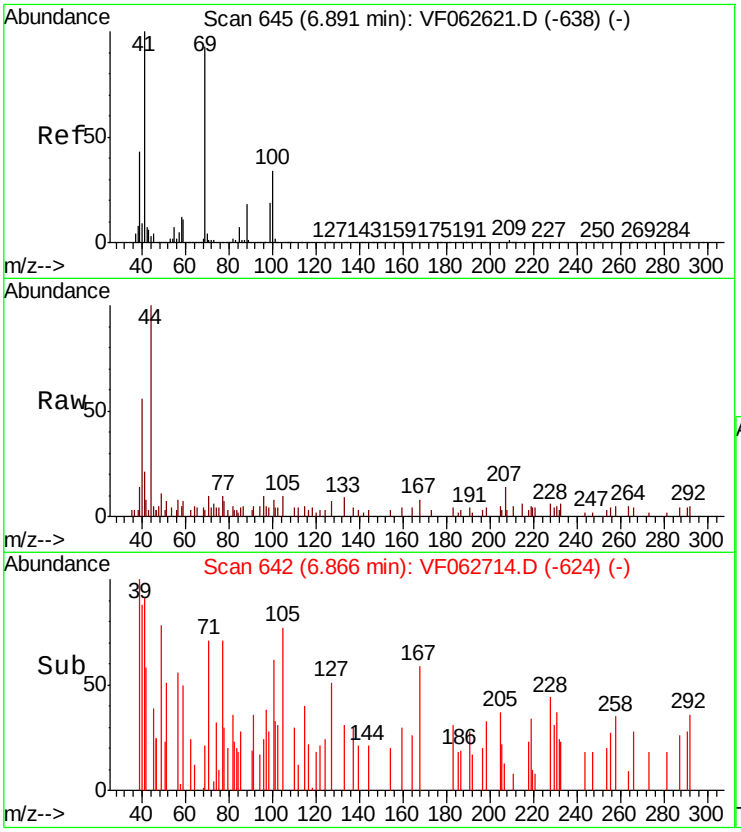




#41
Methacrylonitrile
Concen: 2.105 ug/l
RT: 4.90 min Scan# 443
Delta R.T. -0.03 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion: 41 Resp: 650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 15.2 | 42.2 | 63.2# |
| 67 | 14.8 | 56.4 | 84.6# |
| 52 | 27.5 | 38.8 | 58.2# |



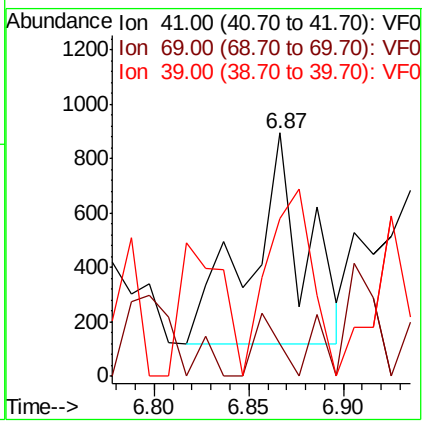


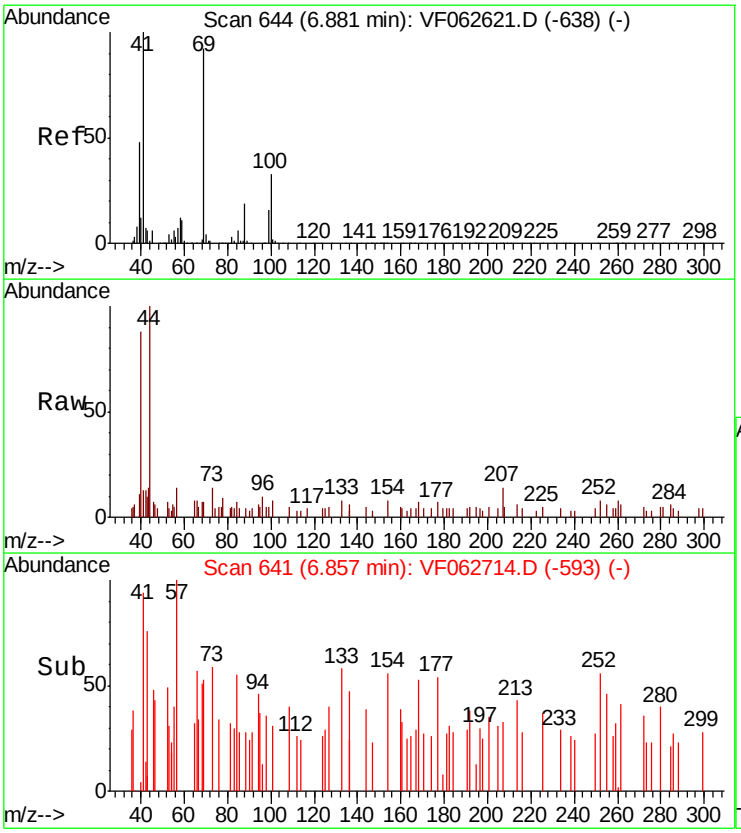

#48
Methyl methacrylate
Concen: 3.959 ug/l
RT: 6.87 min Scan# 642
Delta R.T. -0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion: 41 Resp: 1579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 13.3 | 74.2 | 111.2# |
| 39 | 64.6 | 34.2 | 51.4# |

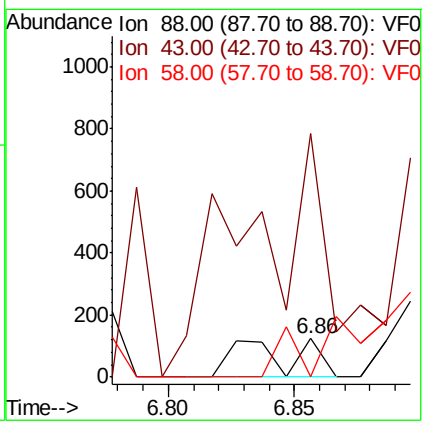


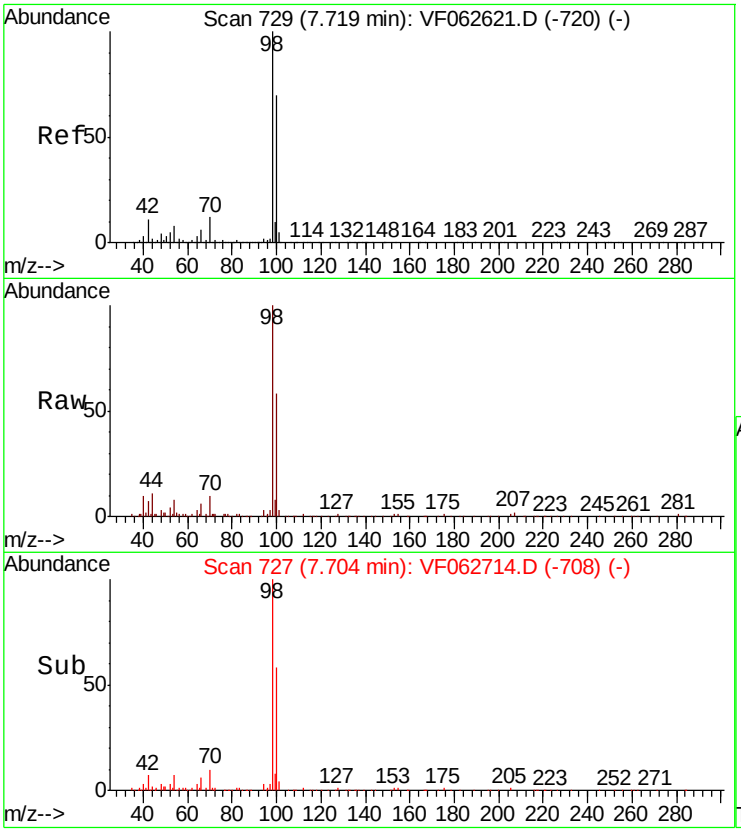




#49
1,4-Dioxane
Concen: 40.720 ug/l
RT: 6.86 min Scan# 641
Delta R.T. -0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion: 88 Resp: 208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 633.1 | 30.0 | 45.0# |
| 58 | 0.0 | 51.1 | 76.7# |



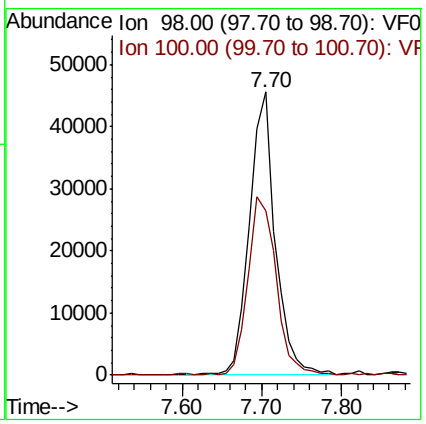


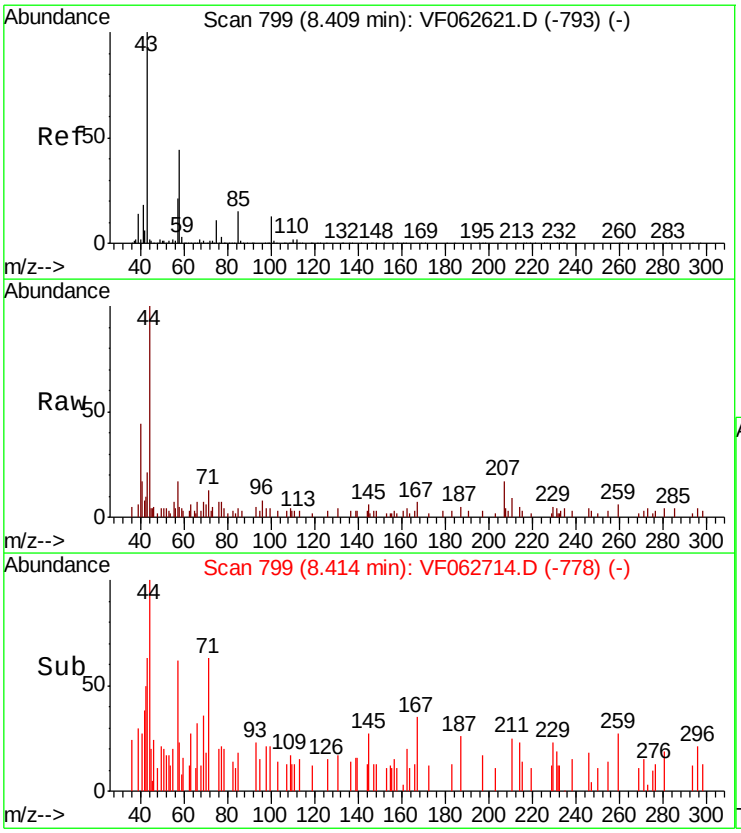

#50
Toluene-d8
Concen: 39.525 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion: 98 Resp: 101656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 57.9 | 56.2 | 84.2 |

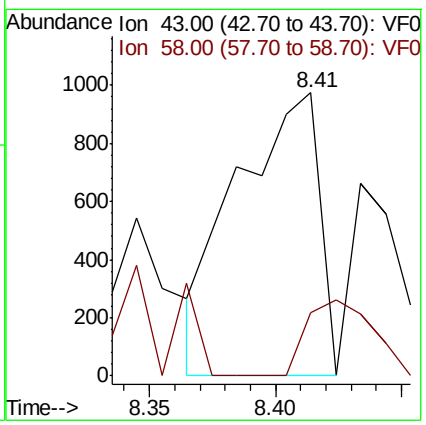


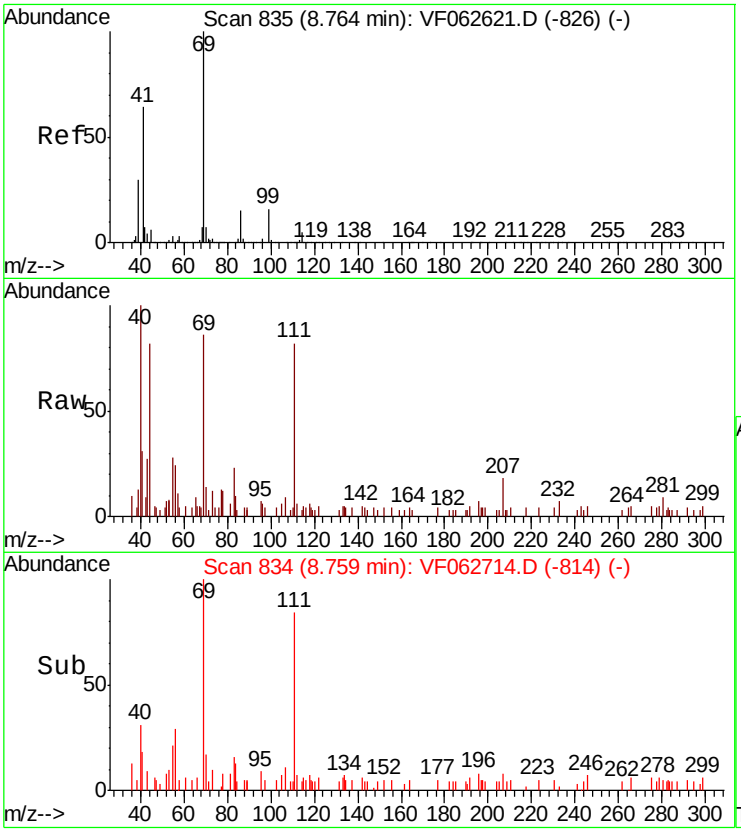




#51
4-Methyl-2-Pentanone
Concen: 4.295 ug/l
RT: 8.41 min Scan# 799
Delta R.T. 0.01 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion: 43 Resp: 2240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 22.4 | 34.9 | 52.3# |



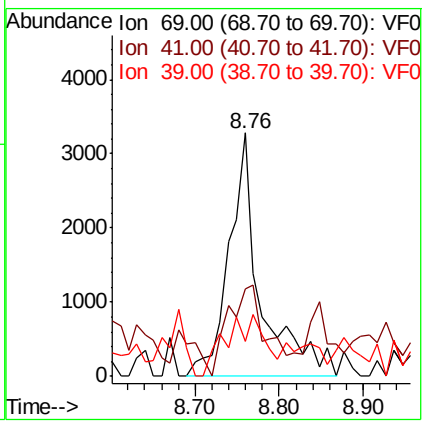


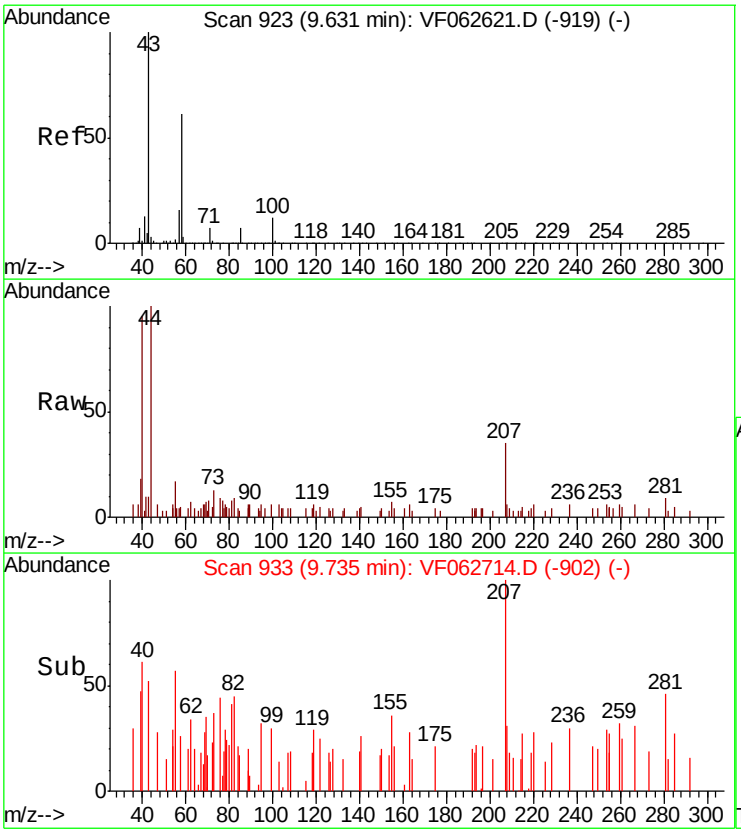

#56
Ethyl methacrylate
Concen: 11.817 ug/l
RT: 8.76 min Scan# 834
Delta R.T. -0.00 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion: 69 Resp: 8591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 35.9 | 51.4 | 77.2# |
| 39 | 14.5 | 23.6 | 35.4# |

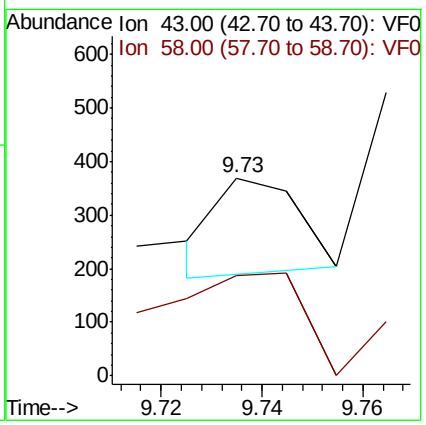


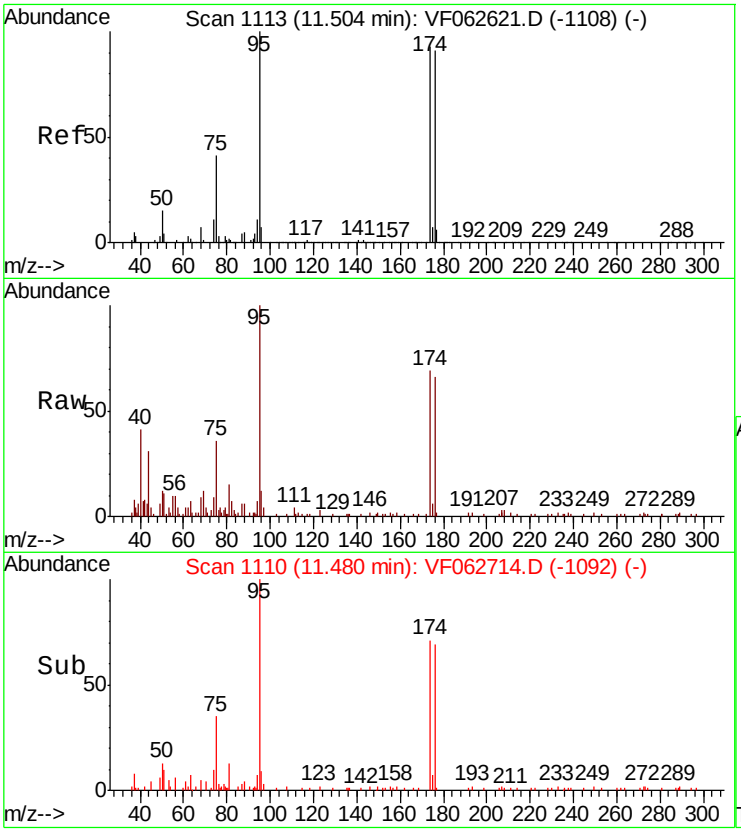




#59
2-Hexanone
Concen: Below Cal
RT: 9.73 min Scan# 933
Delta R.T. 0.10 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion: 43 Resp: 202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 50.5 | 28.1 | 84.4 |



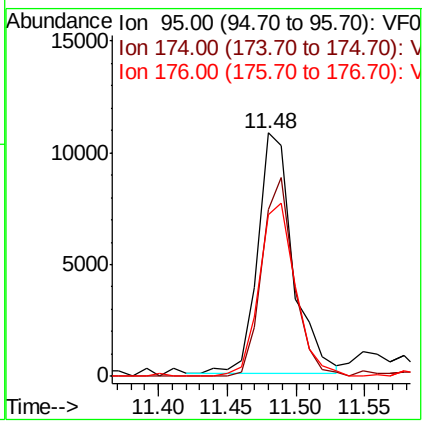


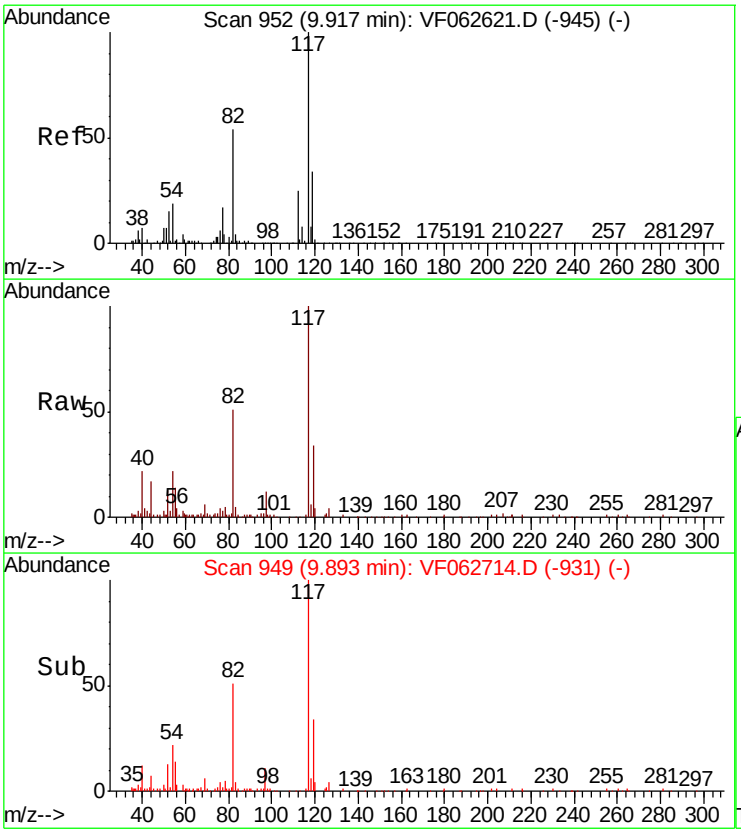

#62
4-Bromofluorobenzene
Concen: 19.792 ug/l
RT: 11.48 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion: 95 Resp: 19306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 68.7 | 0.0 | 185.6 |
| 176 | 66.2 | 0.0 | 182.4 |

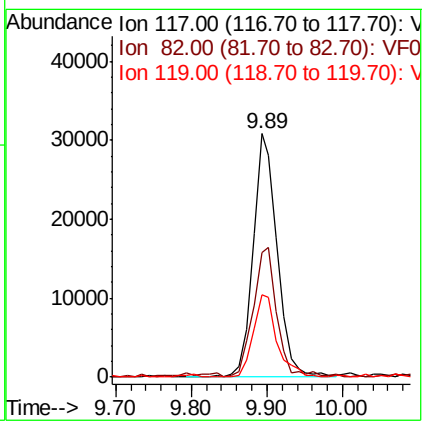


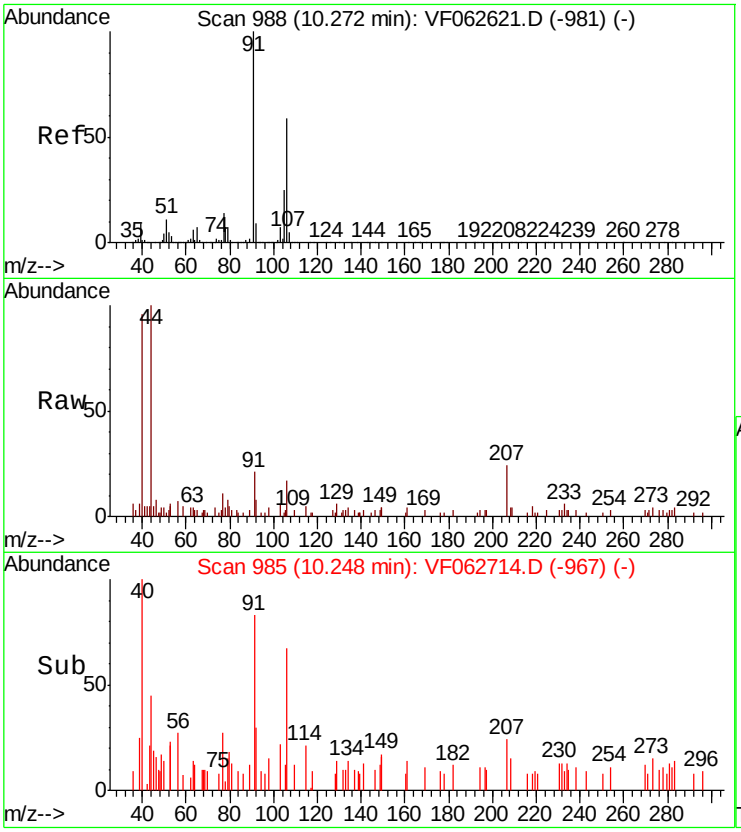




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion:117 Resp: 68632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.3 | 43.3 | 64.9 |
| 119 | 33.7 | 27.4 | 41.0 |



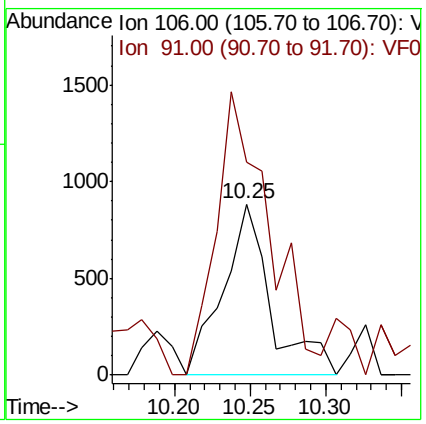


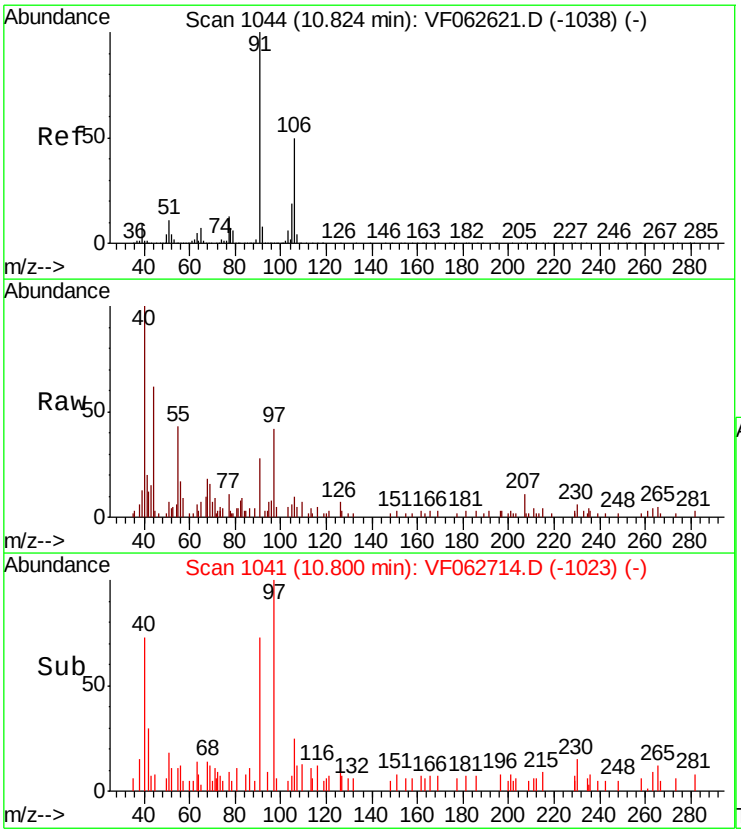

#68
m/p-Xylenes
Concen: 2.189 ug/l
RT: 10.25 min Scan# 985
Delta R.T. -0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion:106 Resp: 1927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 124.2 | 136.9 | 205.3# |

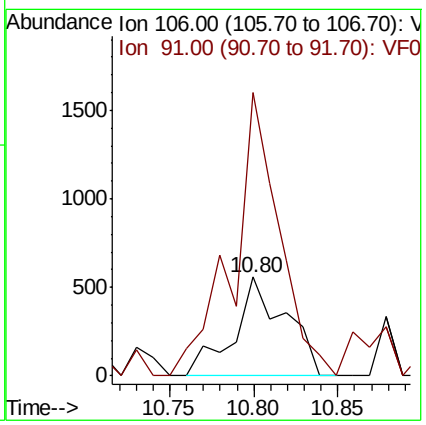


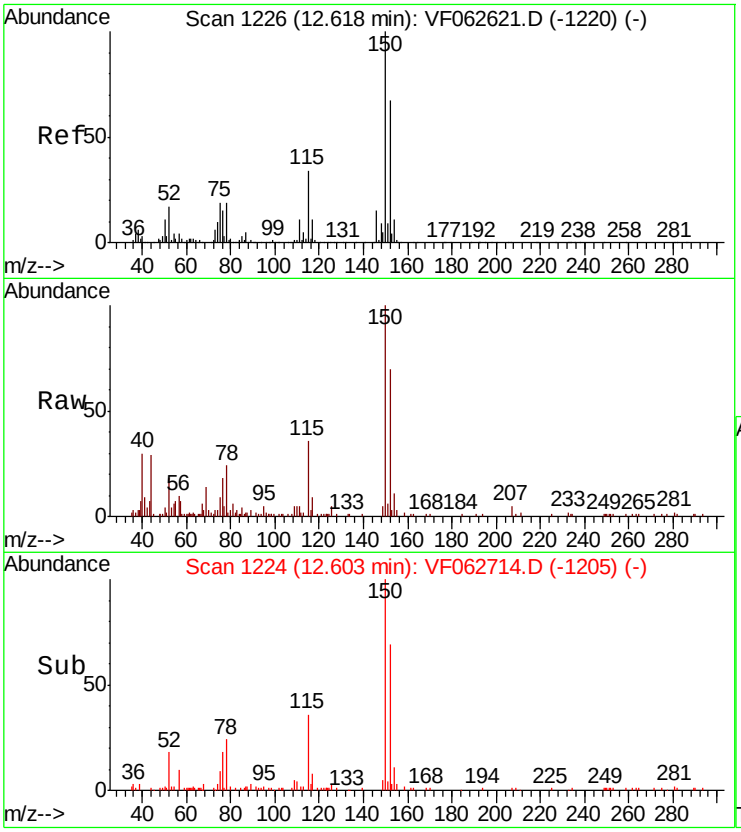




#69
o-Xylene
Concen: 1.309 ug/l
RT: 10.80 min Scan# 1041
Delta R.T. -0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion:106 Resp: 1187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 287.1 | 100.2 | 300.5 |



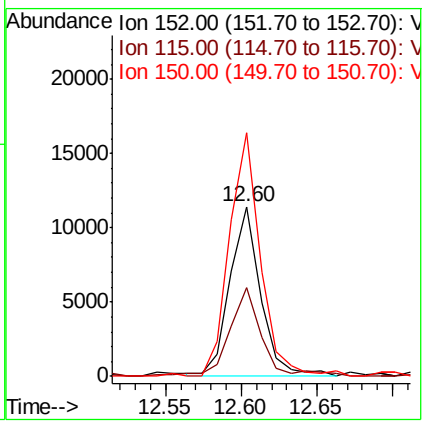


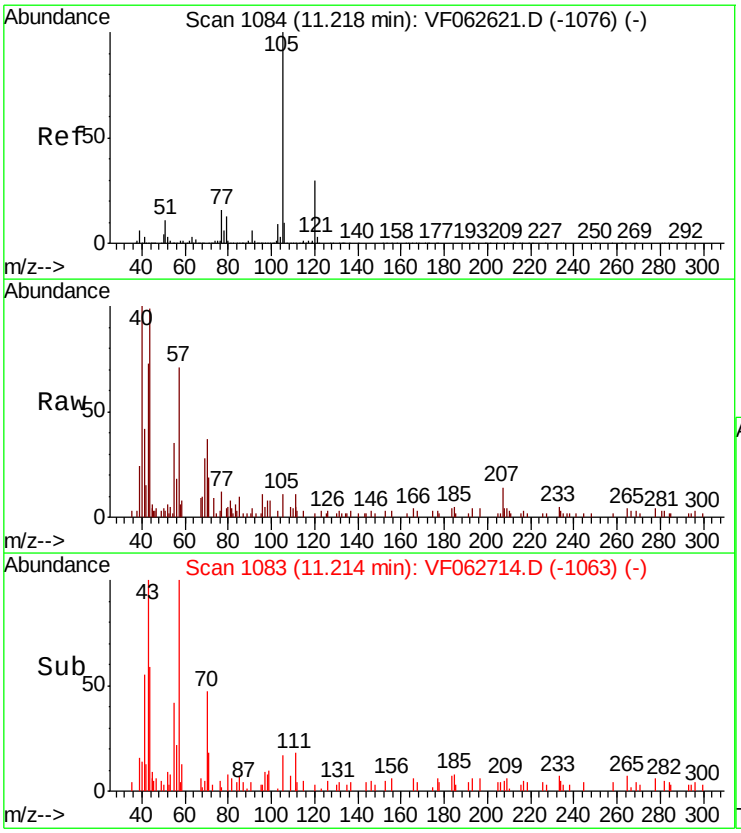

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion:152 Resp: 16255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 52.1 | 25.2 | 75.6 |
| 150 | 143.3 | 0.0 | 306.2 |

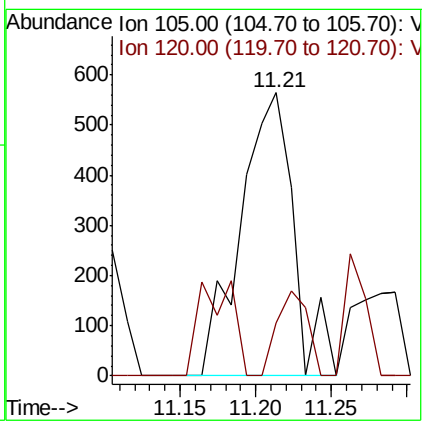


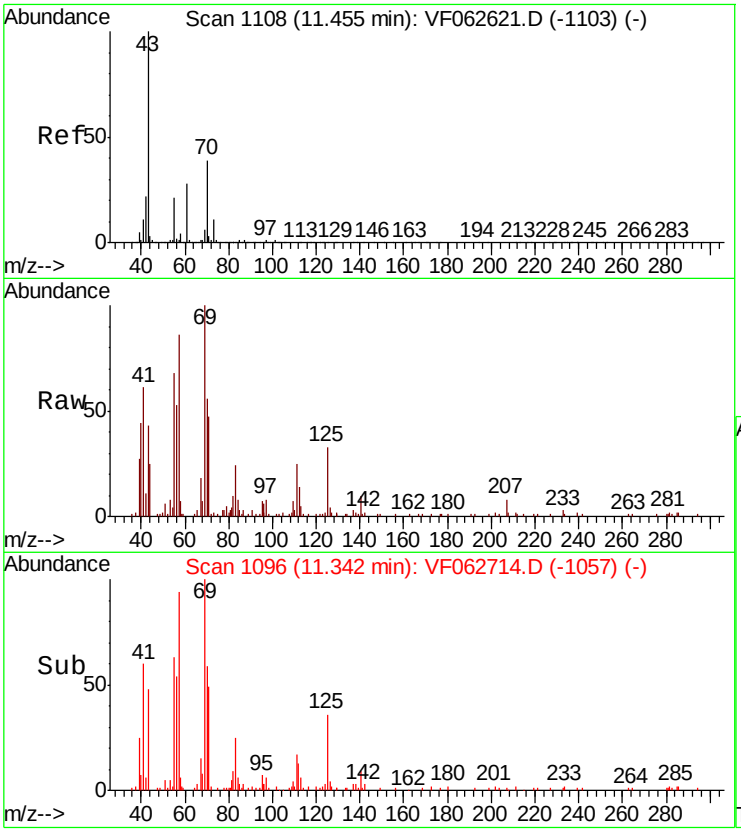




#73
Isopropylbenzene
Concen: 1.184 ug/l
RT: 11.21 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion:105 Resp: 1379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 18.8 | 14.8 | 44.4 |



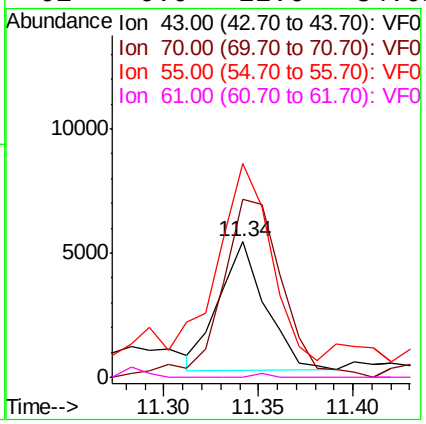


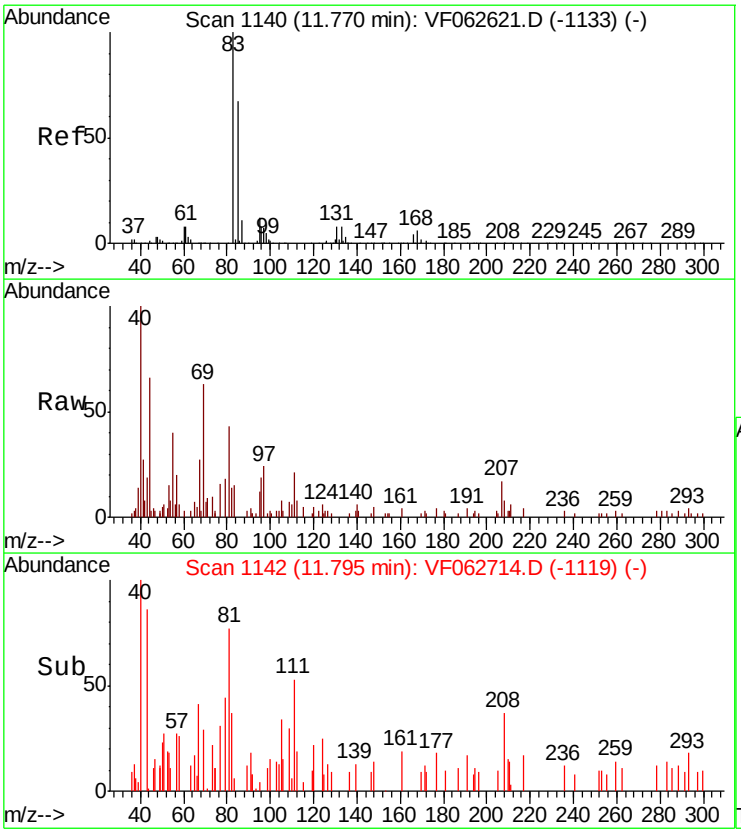

#74
N-amyl acetate
Concen: 27.252 ug/l
RT: 11.34 min Scan# 1096
Delta R.T. -0.11 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion: 43 Resp: 8806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 131.5 | 30.9 | 46.3# |
| 55 | 157.9 | 17.0 | 25.4# |
| 61 | 0.0 | 22.6 | 34.0# |

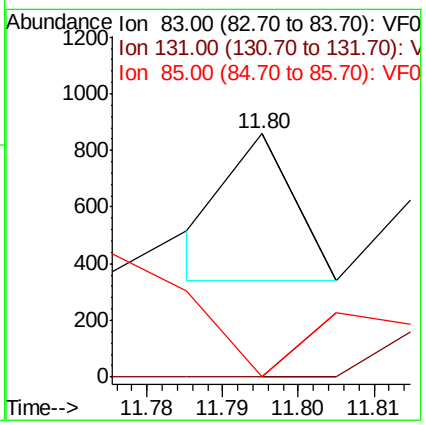


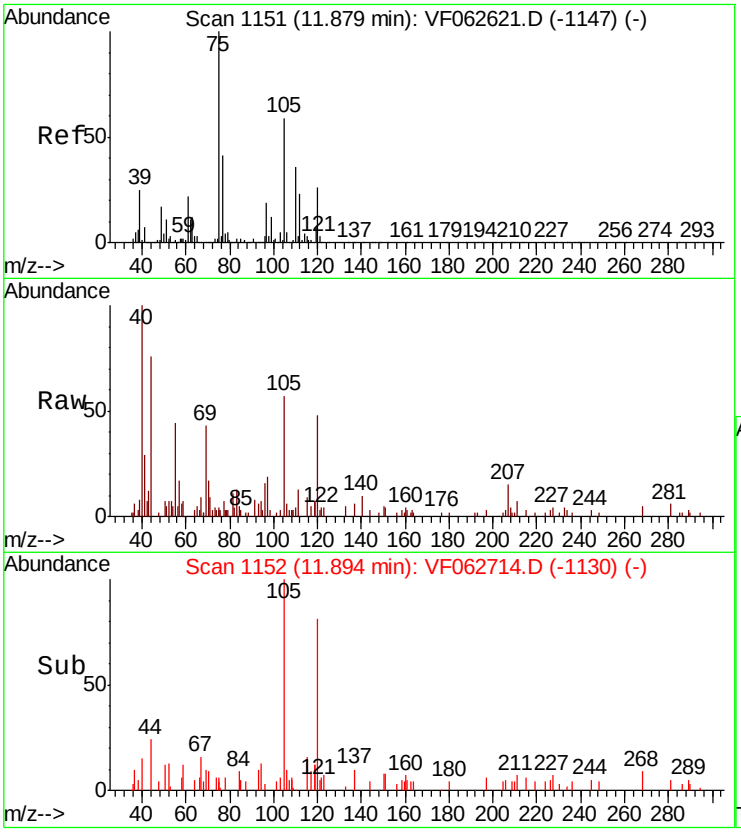




#75
1,1,2,2-Tetrachloroethane
Concen: 1.294 ug/l
RT: 11.80 min Scan# 1142
Delta R.T. 0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion: 83 Resp: 308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 0.0 | 4.0 | 12.0# |
| 85 | 0.0 | 33.5 | 100.5# |



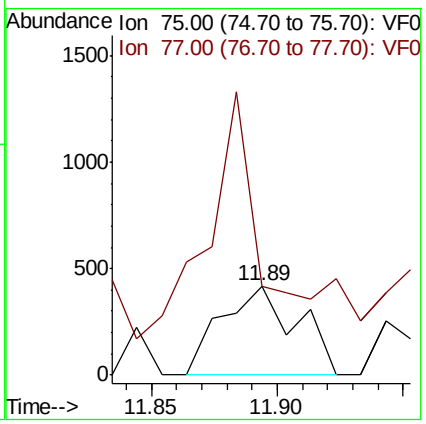


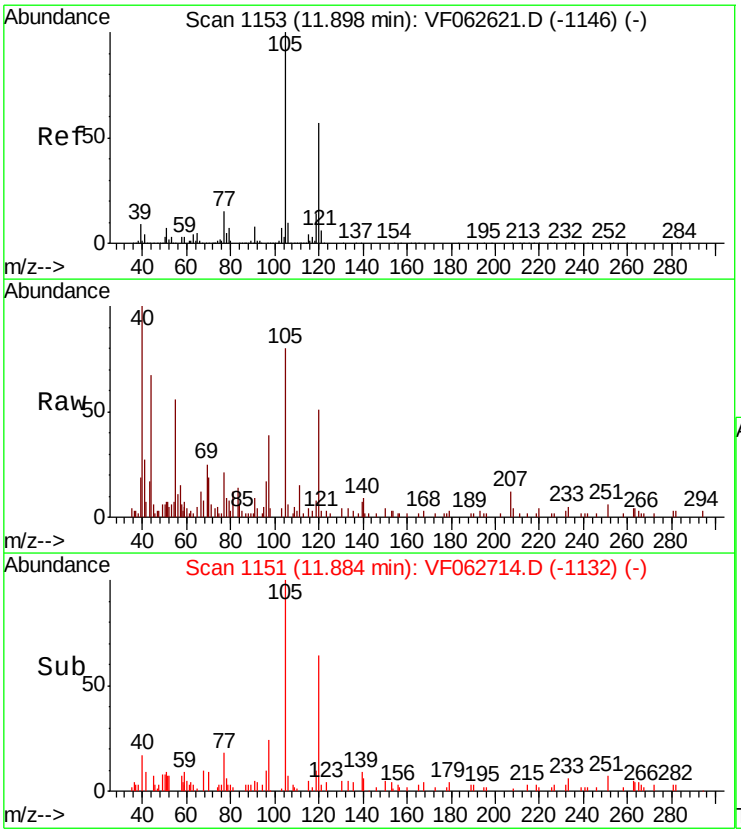

#76
1,2,3-Trichloropropane
Concen: 5.568 ug/l
RT: 11.89 min Scan# 1152
Delta R.T. 0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion: 75 Resp: 871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 100.5 | 20.6 | 61.8# |

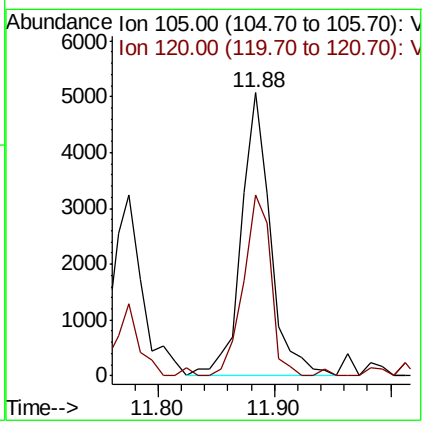


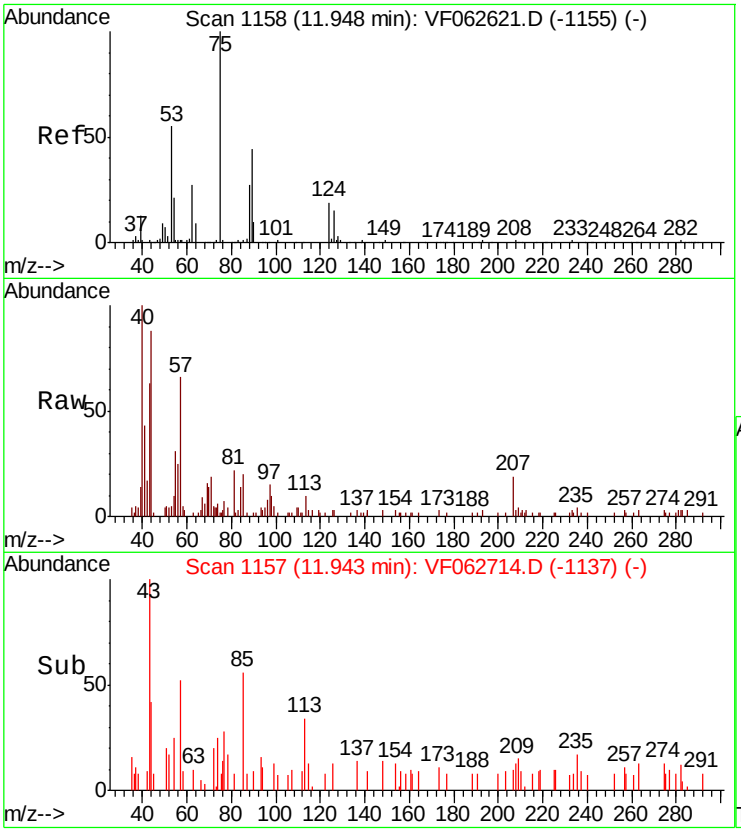




#80
1,3,5-Trimethylbenzene
Concen: 9.398 ug/l
RT: 11.88 min Scan# 1151
Delta R.T. -0.01 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion:105 Resp: 8779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 64.0 | 28.7 | 86.3 |



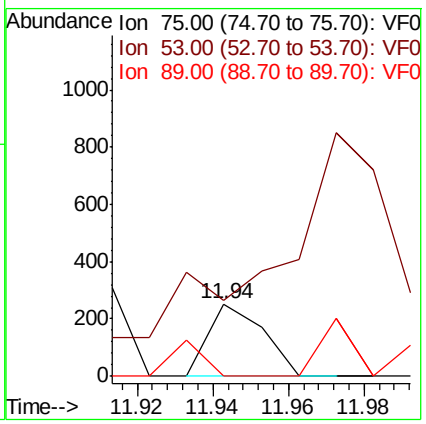


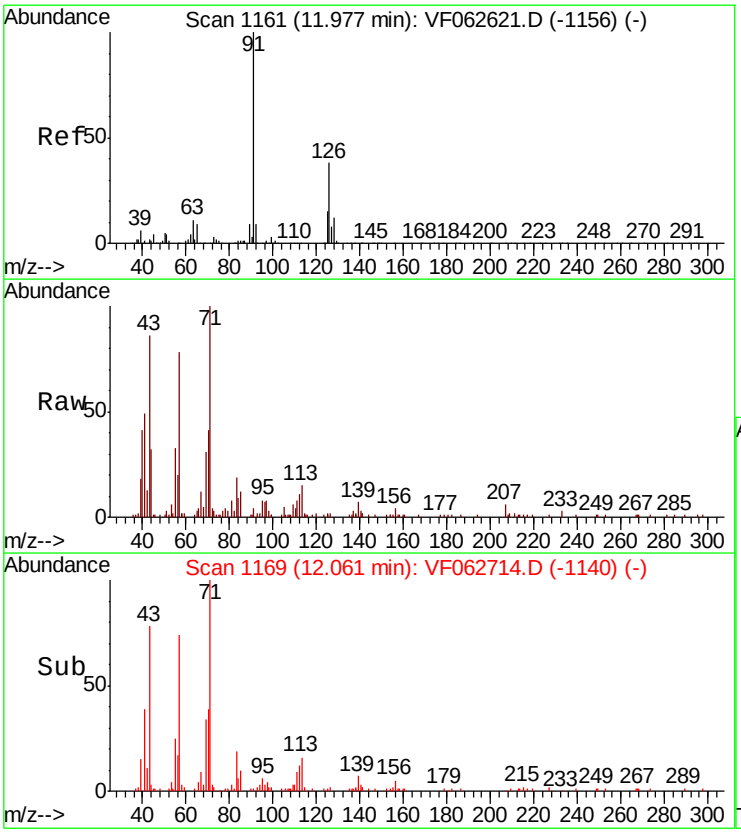

#81
trans-1,4-Dichloro-2-butene
Concen: 3.595 ug/l
RT: 11.94 min Scan# 1157
Delta R.T. -0.00 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion: 75 Resp: 250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 105.2 | 46.9 | 70.3# |
| 89 | 0.0 | 36.4 | 54.6# |

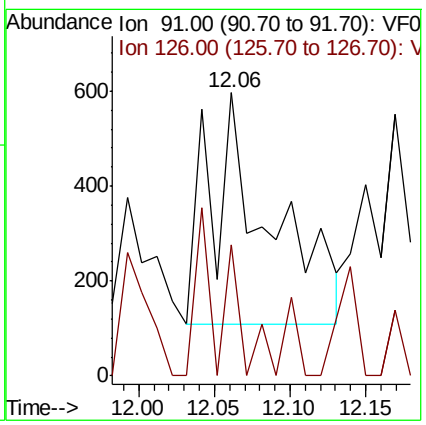


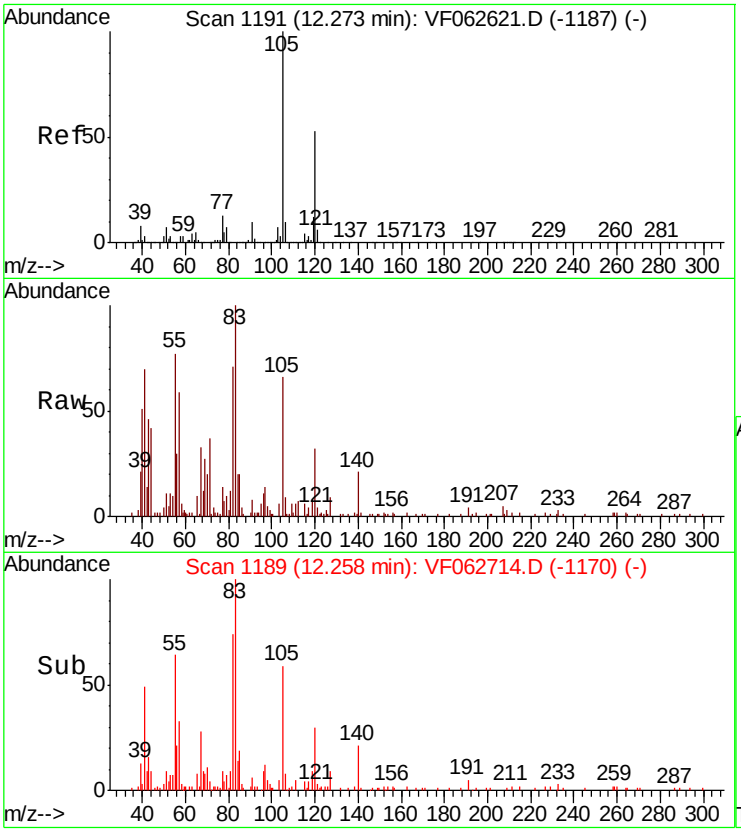




#82
4-Chlorotoluene
Concen: 1.771 ug/l
RT: 12.06 min Scan# 1169
Delta R.T. 0.08 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion: 91 Resp: 1357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 46.1 | 19.1 | 57.1 |



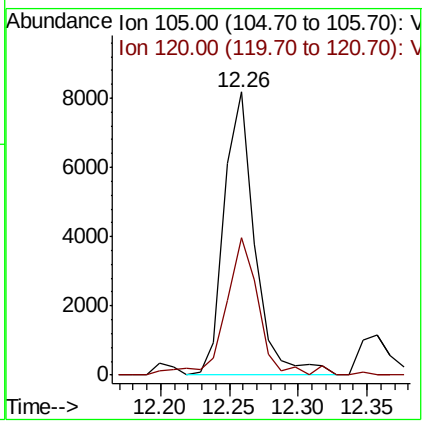


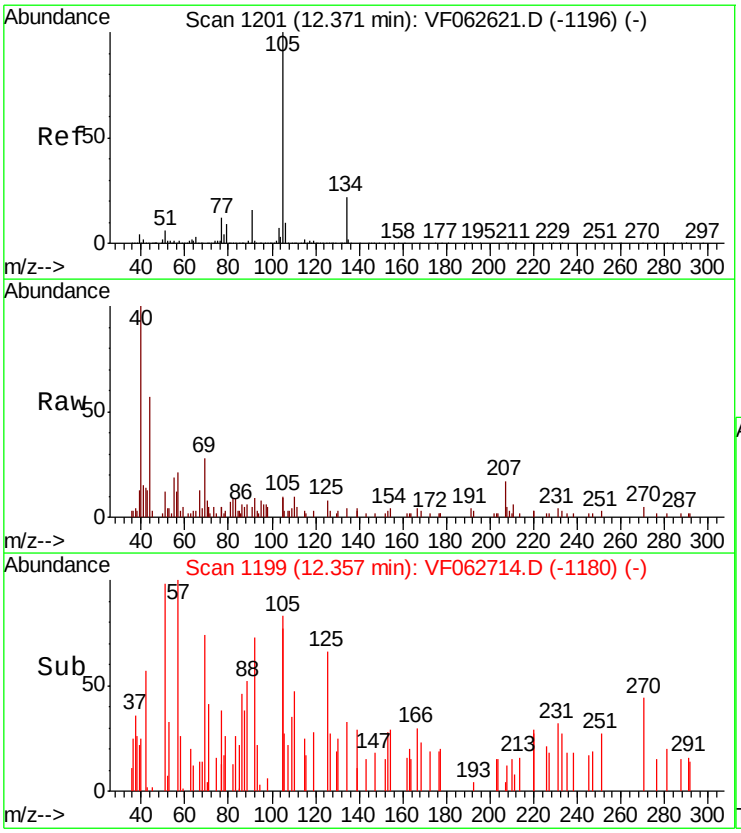

#84
1,2,4-Trimethylbenzene
Concen: 13.999 ug/l
RT: 12.26 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion:105 Resp: 12657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.4 | 26.7 | 80.1 |

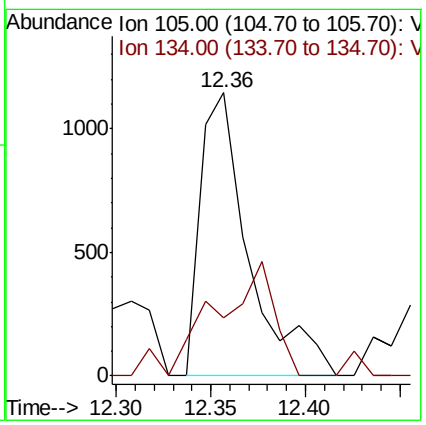


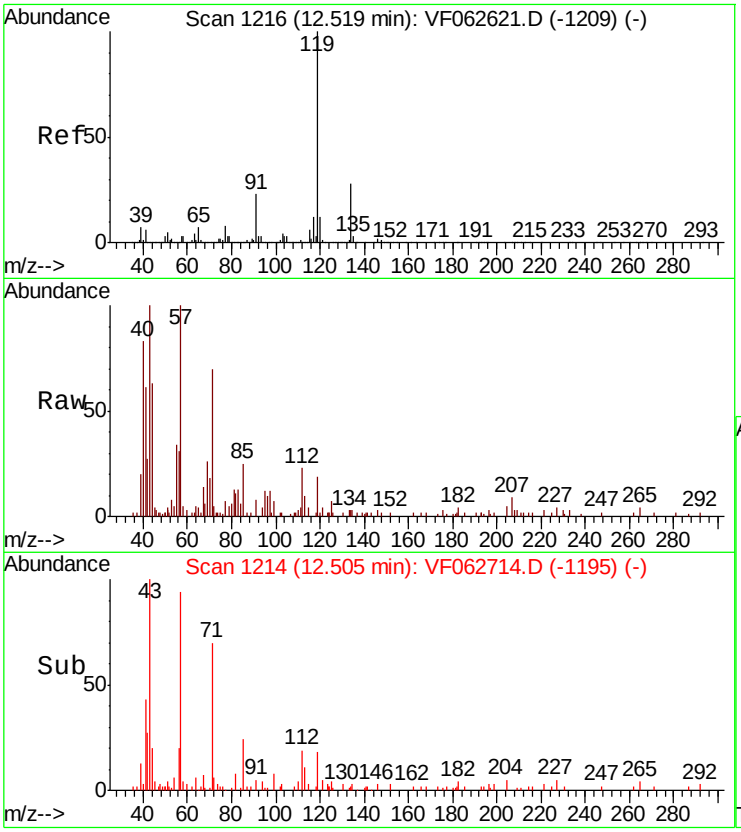




#85
sec-Butylbenzene
Concen: 1.607 ug/l
RT: 12.36 min Scan# 1199
Delta R.T. -0.01 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion:105 Resp: 2044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.5 | 10.8 | 32.4 |



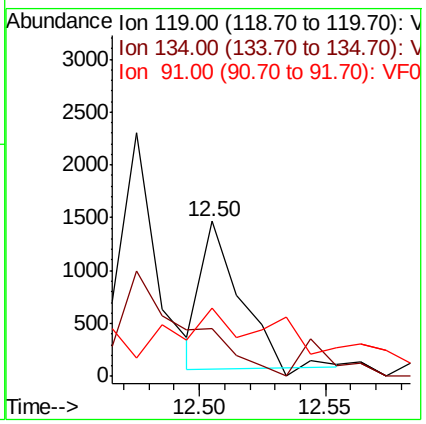


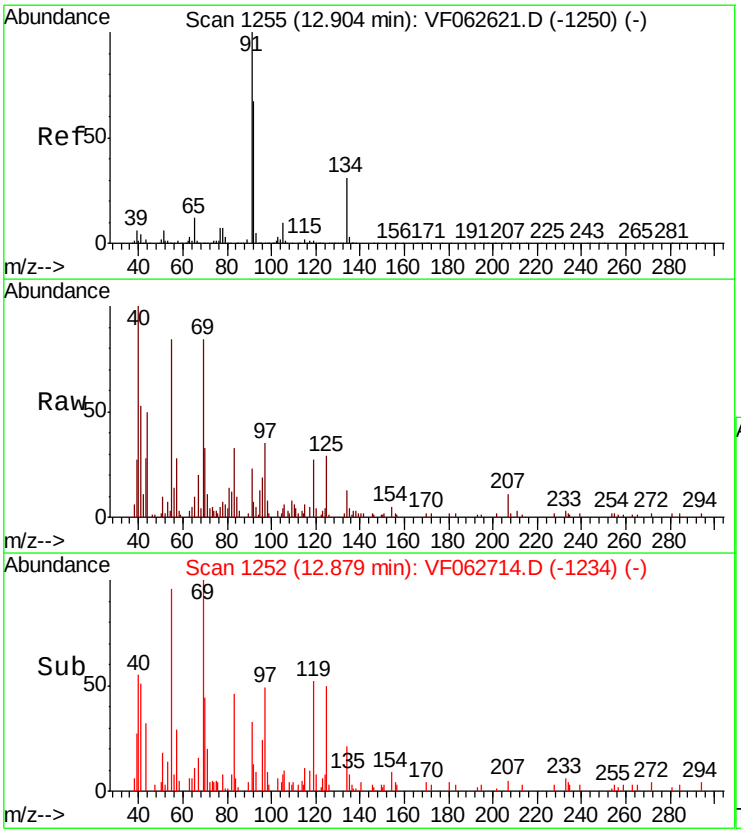

#86
p-Isopropyltoluene
Concen: 1.412 ug/l
RT: 12.50 min Scan# 1214
Delta R.T. -0.01 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion:119 Resp: 1514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 30.6 | 14.1 | 42.3 |
| 91 | 43.9 | 11.4 | 34.2# |

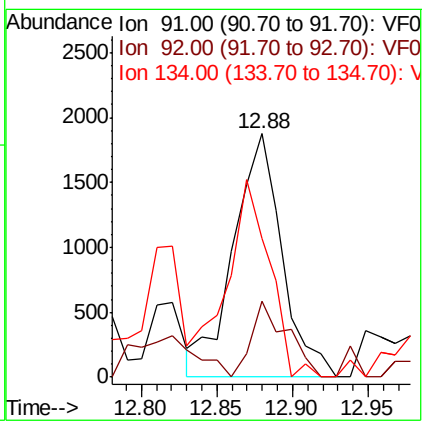


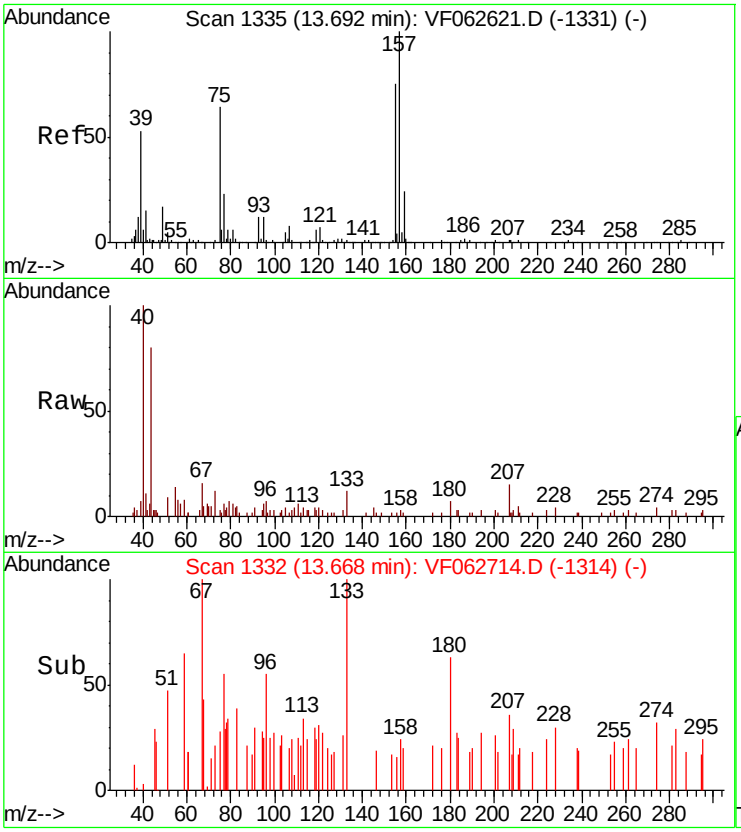




#89
n-Butylbenzene
Concen: 3.971 ug/l
RT: 12.88 min Scan# 1252
Delta R.T. -0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion: 91 Resp: 4197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 31.2 | 33.3 | 99.8# |
| 134 | 56.9 | 15.4 | 46.4# |






#92
1,2-Dibromo-3-Chloropropane
Concen: 8.485 ug/l
RT: 13.67 min Scan# 1332
Delta R.T. -0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

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

Tgt Ion: 75 Resp: 241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 58.1 | 174.3# |
| 157 | 85.4 | 77.8 | 233.4 |