Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
Data File : VF061155.D
Acq On : 22 Dec 2018 20:19
Operator : VA/AP
Sample : J6469-01RE
Misc : 5.04g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :** DRUM-1RE

Quant Time: Dec 24 02:59:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 4.89 | 168 | 214060 | 50.00 | ug/l | 0.01 |
| 34) 1,4-Difluorobenzene | 5.61 | 114 | 420446 | 50.00 | ug/l | 0.01 |
| 63) Chlorobenzene-d5 | 9.79 | 117 | 299603 | 50.00 | ug/l | 0.01 |
| 72) 1,4-Dichlorobenzene-d4 | 12.56 | 152 | 75783 | 50.00 | ug/l | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 4.86 | 65 | 144310 | 52.42 | ug/l | 0.01 |
| Spiked Amount 50.000 | | | Recovery = 104.84% | | | |
| 35) Dibromofluoromethane | 4.13 | 113 | 164875 | 48.95 | ug/l | 0.01 |
| Spiked Amount 50.000 | | | Recovery = 97.90% | | | |
| 50) Toluene-d8 | 7.57 | 98 | 335402 | 35.14 | ug/l | 0.01 |
| Spiked Amount 50.000 | | | Recovery = 70.28% | | | |
| 62) 4-Bromofluorobenzene | 11.43 | 95 | 131494 | 29.88 | ug/l | 0.01 |
| Spiked Amount 50.000 | | | Recovery = 59.76% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acrolein | 1.96 | 56 | 372 | 4.634 | ug/l | 88 |
| 15) Acrylonitrile | 2.93 | 53 | 261 | 1.016 | ug/l # | 14 |
| 16) Acetone | 2.26 | 43 | 2984 | 5.422 | ug/l # | 89 |
| 18) Methyl Acetate | 2.36 | 43 | 5487 | 4.819 | ug/l # | 80 |
| 20) Methylene Chloride | 2.26 | 84 | 3140 | Below Cal # | | 84 |
| 25) 2-Butanone | 4.35 | 43 | 1296 | 1.452 | ug/l # | 57 |
| 51) 4-Methyl-2-Pentanone | 8.29 | 43 | 14611 | 8.694 | ug/l # | 64 |
| 56) Ethyl methacrylate | 8.64 | 69 | 9976 | 4.257 | ug/l # | 85 |
| 59) 2-Hexanone | 9.54 | 43 | 3969 | 3.266 | ug/l # | 27 |
| 67) Ethyl Benzene | 9.92 | 91 | 70359 | 6.240 | ug/l | 97 |
| 68) m/p-Xylenes | 10.15 | 106 | 38842 | 9.788 | ug/l | 87 |
| 69) o-Xylene | 10.73 | 106 | 154774 | 35.167 | ug/l | 99 |
| 70) Styrene | 10.80 | 104 | 542 | Below Cal # | | 1 |
| 73) Isopropylbenzene | 11.13 | 105 | 87764 | 13.439 | ug/l | 95 |
| 74) N-amyl acetate | 11.41 | 43 | 43808 | 30.214 | ug/l # | 45 |
| 75) 1,1,2,2-Tetrachloroethane | 11.68 | 83 | 38670 | 35.678 | ug/l # | 1 |
| 76) 1,2,3-Trichloropropane | 11.84 | 75 | 16357 | 20.279 | ug/l # | 1 |
| 78) n-propylbenzene | 11.61 | 91 | 538705 | 82.921 | ug/l | 99 |
| 79) 2-Chlorotoluene | 11.72 | 91 | 251119 | 56.053 | ug/l # | 42 |
| 80) 1,3,5-Trimethylbenzene | 11.84 | 105 | 1335233 | 248.301 | ug/l | 94 |
| 81) trans-1,4-Dichloro-2-buten | 11.84 | 75 | 16357 | 47.192 | ug/l # | 1 |
| 82) 4-Chlorotoluene | 11.84 | 91 | 150093 | 32.386 | ug/l # | 43 |
| 83) tert-Butylbenzene | 12.22 | 119 | 159938 | 28.903 | ug/l # | 49 |
| 84) 1,2,4-Trimethylbenzene | 12.22 | 105 | 1295604 | 241.605 | ug/l | 97 |
| 85) sec-Butylbenzene | 12.32 | 105 | 307919 | 42.640 | ug/l | 87 |
| 86) p-Isopropyltoluene | 12.44 | 119 | 676653 | 112.887 | ug/l | 98 |
| 87) 1,3-Dichlorobenzene | 12.50 | 146 | 125 | Below Cal # | | 1 |
| 89) n-Butylbenzene | 12.86 | 91 | 814980 | Below Cal # | | 63 |
| 90) Hexachloroethane | 12.95 | 117 | 26427 | 17.845 | ug/l # | 27 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.63 | 75 | 7930 | 39.871 | ug/l # | 12 |
| 93) 1,2,4-Trichlorobenzene | 14.21 | 180 | 5068 | 2.843 | ug/l # | 1 |
| 95) Naphthalene | 14.48 | 128 | 165723 | 50.918 | ug/l # | 1 |
| 96) 1,2,3-Trichlorobenzene | 14.56 | 180 | 44093 | 26.760 | ug/l # | 1 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122218\
Data File : VF061155.D
Acq On : 22 Dec 2018 20:19
Operator : VA/AP
Sample : J6469-01RE
Misc : 5.04g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_F
**ClientSampleId :**
DRUM-1RE

Quant Time: Dec 24 02:59:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

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

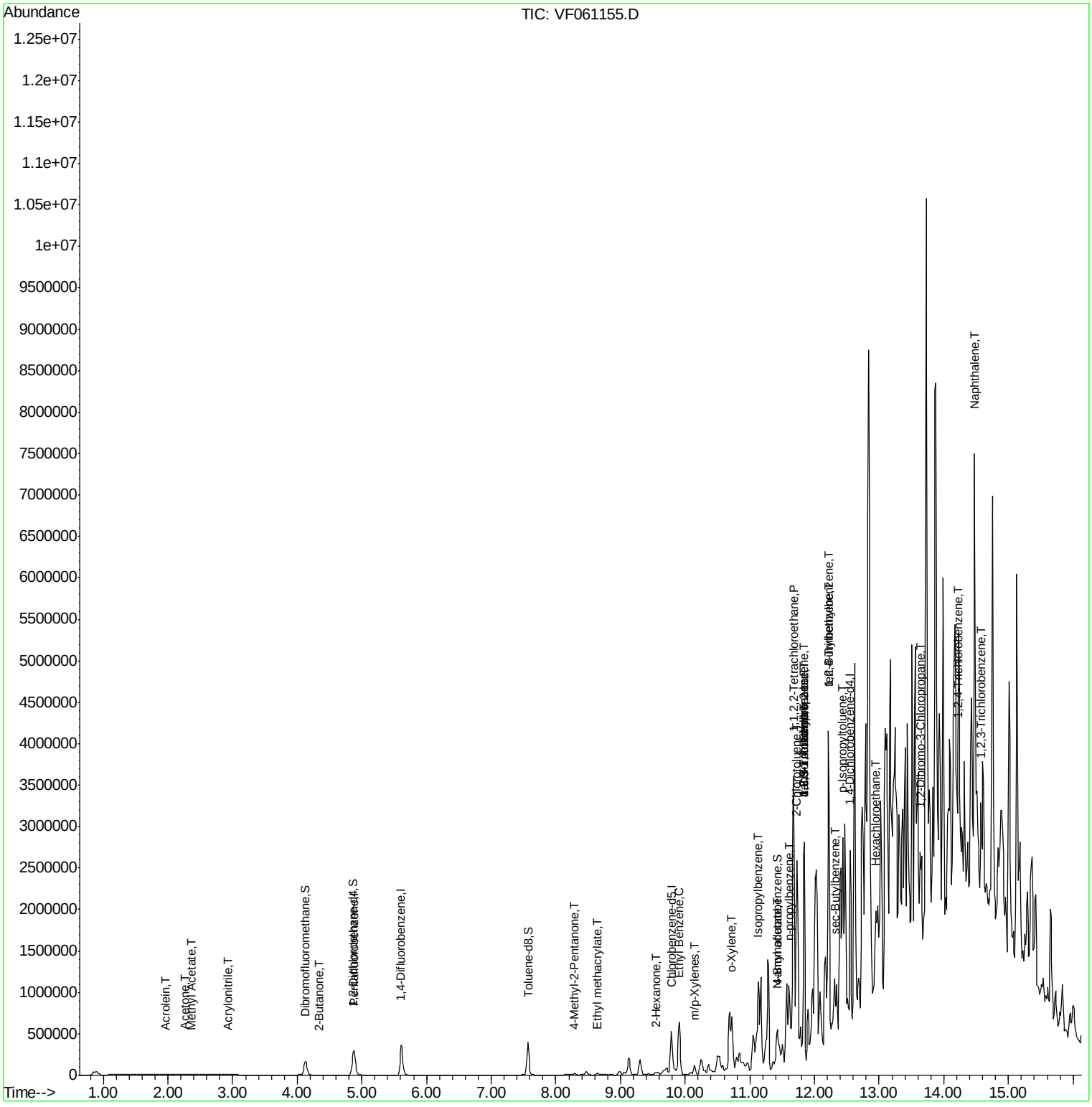
(#) = qualifier out of range (m) = manual integration (+) = signals summed

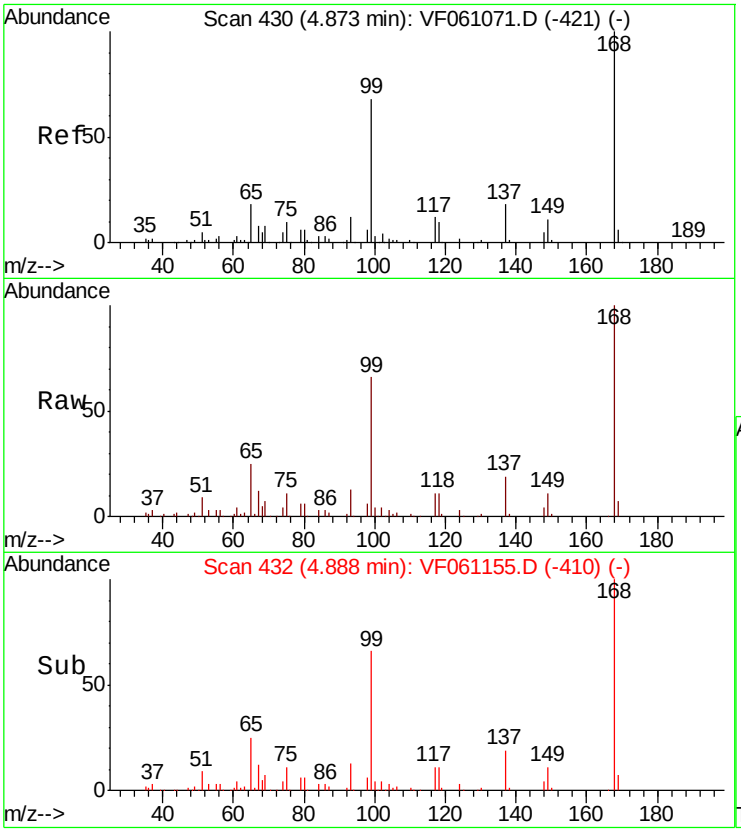
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
Data File : VF061155.D
Acq On : 22 Dec 2018 20:19
Operator : VA/AP
Sample : J6469-01RE
Misc : 5.04g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_F
**ClientSampleId :**
DRUM-1RE

Quant Time: Dec 24 02:59:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration



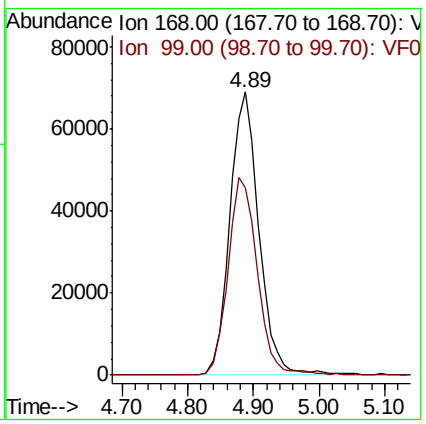


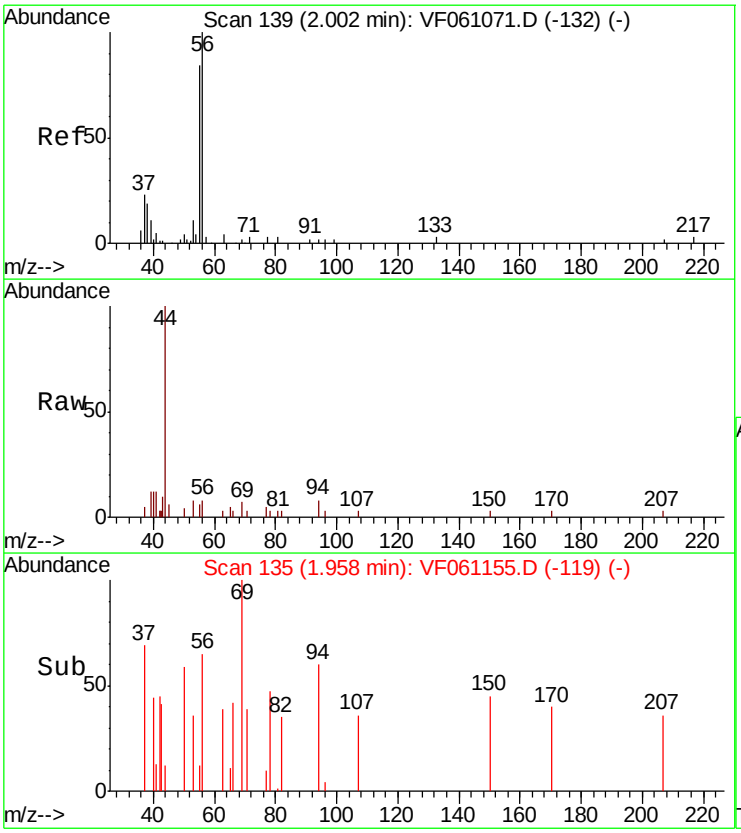

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :**
MSVOA_F
**ClientSampleId :**
DRUM-1RE

Tgt Ion:168 Resp: 214060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 66.4 | 54.4 | 81.6 |

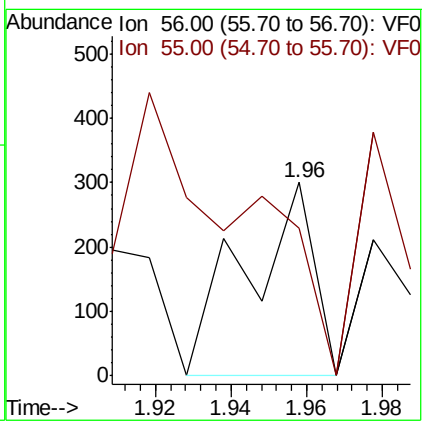


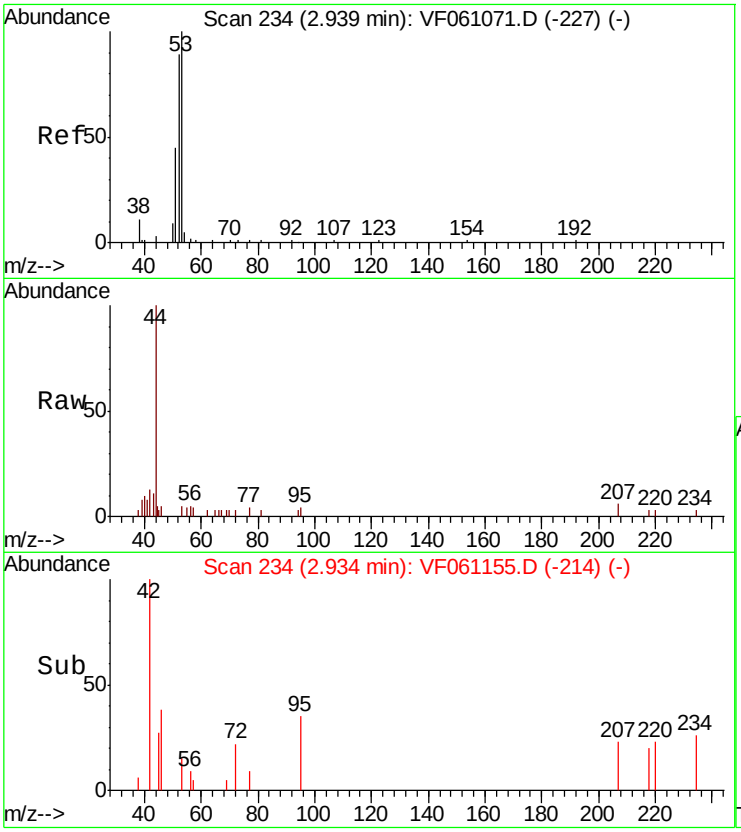




#13
Acrolein
Concen: 4.634 ug/l
RT: 1.96 min Scan# 135
Delta R.T. -0.04 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion: 56 Resp: 372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 76.3 | 70.2 | 105.2 |



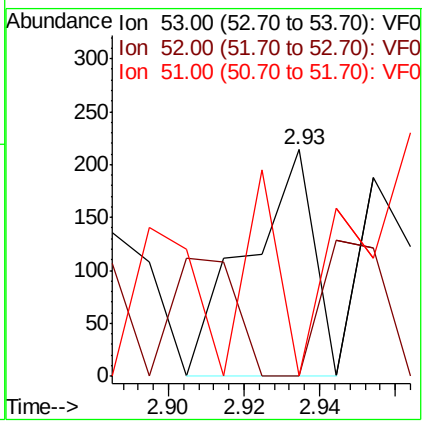


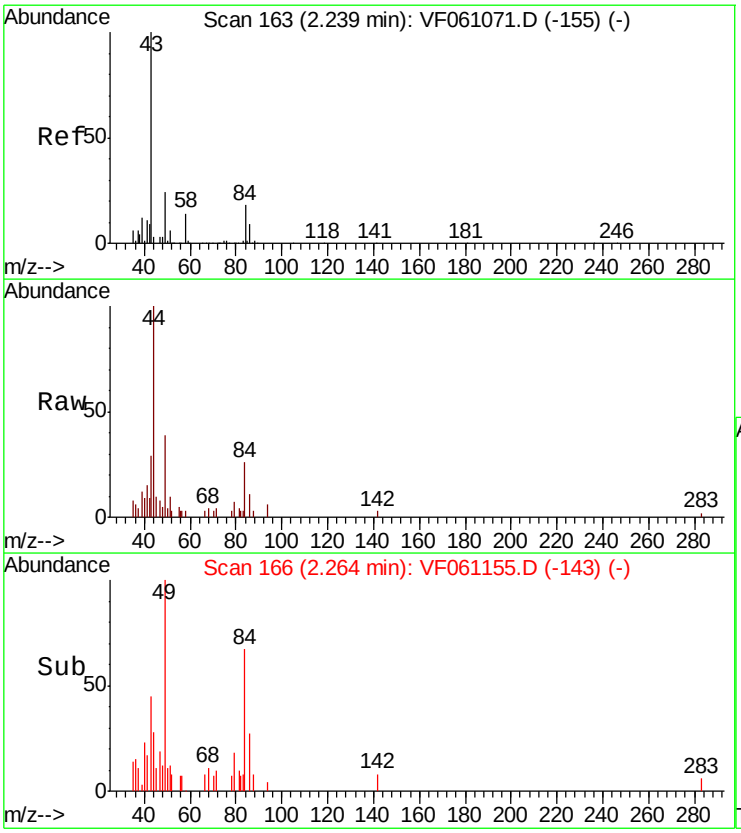

#15
Acrylonitrile
Concen: 1.016 ug/l
RT: 2.93 min Scan# 234
Delta R.T. -0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :** MSVOA_F
**ClientSampleId :** DRUM-1RE

Tgt Ion: 53 Resp: 261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 0.0 | 71.3 | 106.9# |
| 51 | 0.0 | 36.8 | 55.2# |

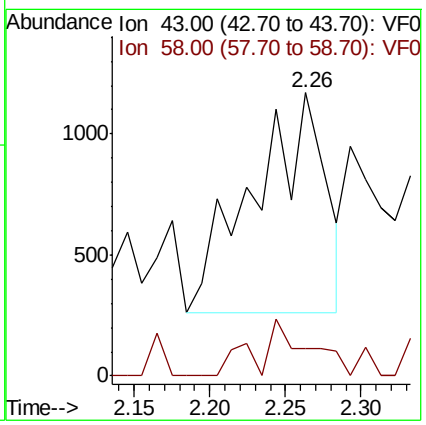


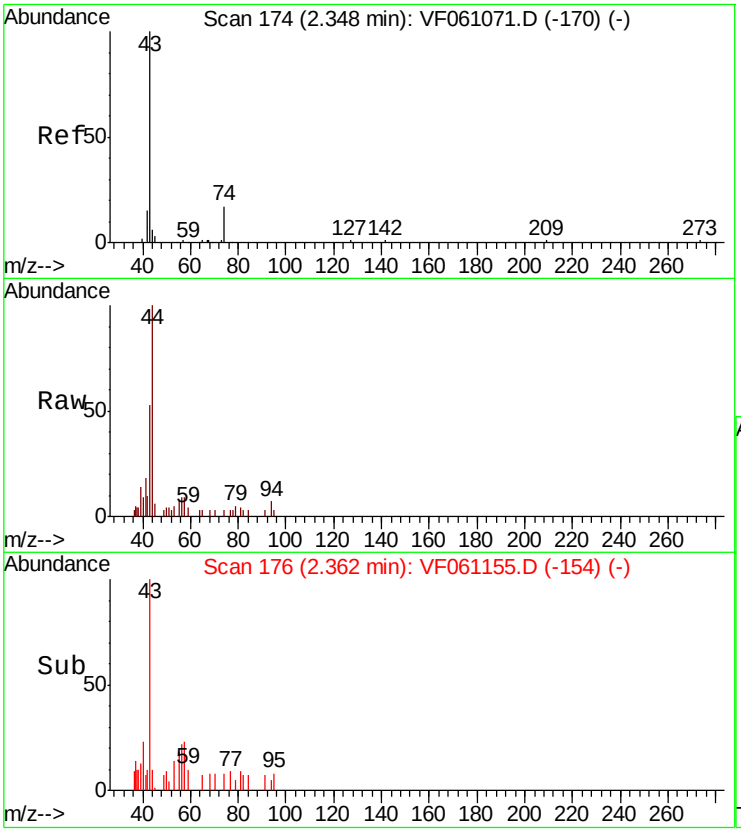




#16
Acetone
Concen: 5.422 ug/l
RT: 2.26 min Scan# 166
Delta R.T. 0.02 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion: 43 Resp: 2984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 9.5 | 11.1 | 16.7# |



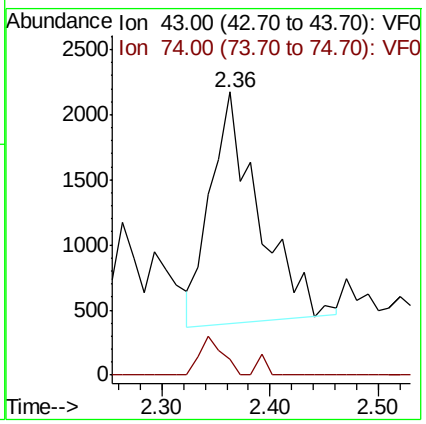


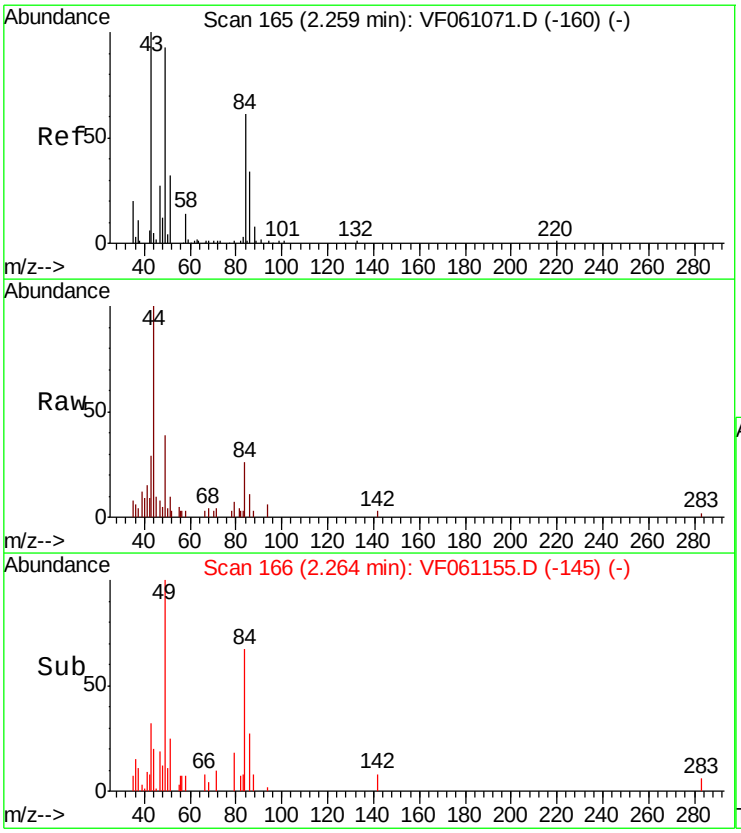

#18
Methyl Acetate
Concen: 4.819 ug/l
RT: 2.36 min Scan# 176
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :** MSVOA_F
**ClientSampleId :** DRUM-1RE

Tgt Ion: 43 Resp: 5487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 5.7 | 11.0 | 16.6# |

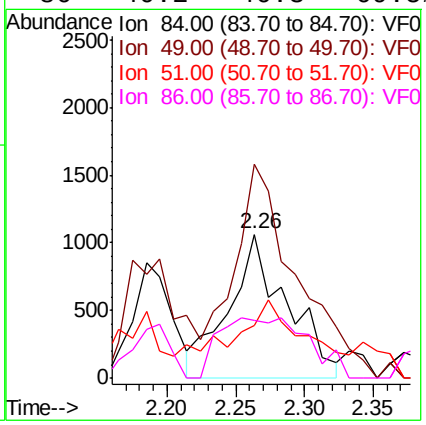


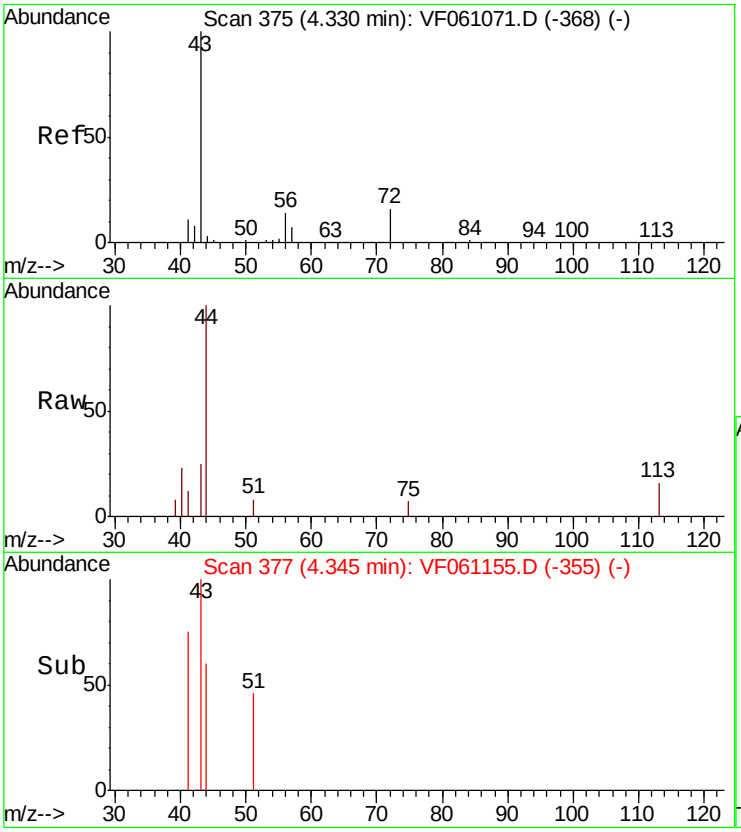




#20
Methylene Chloride
Concen: Below Cal
RT: 2.26 min Scan# 166
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion: 84 Resp: 3140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 148.9 | 129.4 | 194.2 |
| 51 | 36.6 | 44.0 | 66.0# |
| 86 | 40.2 | 46.3 | 69.5# |



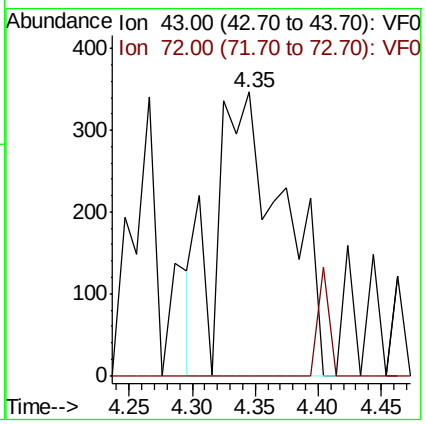


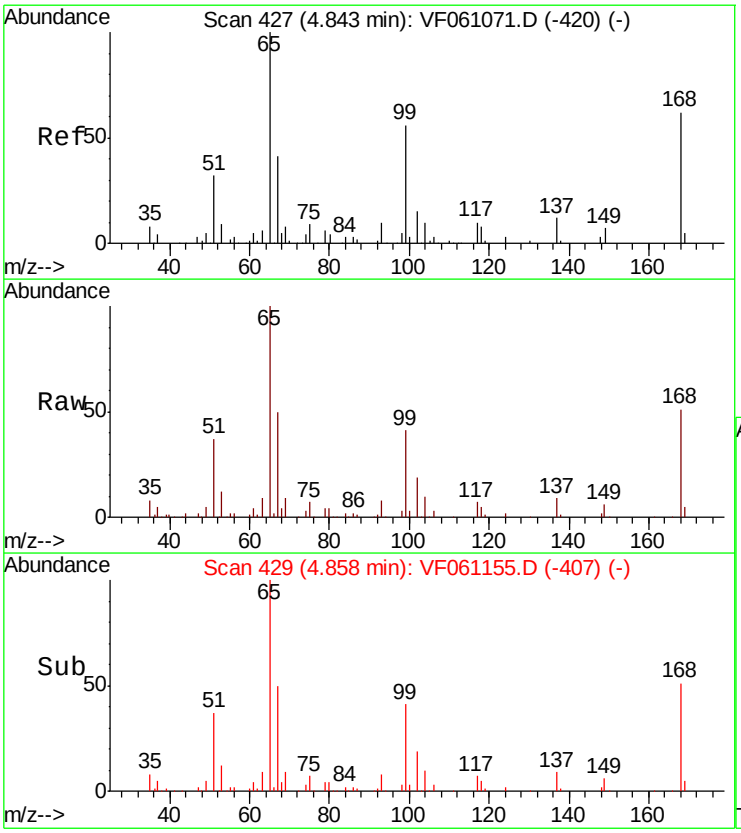

#25
2-Butanone
Concen: 1.452 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :** MSVOA_F
**ClientSampleId :** DRUM-1RE

Tgt Ion: 43 Resp: 1296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 15.6 | 23.4# |

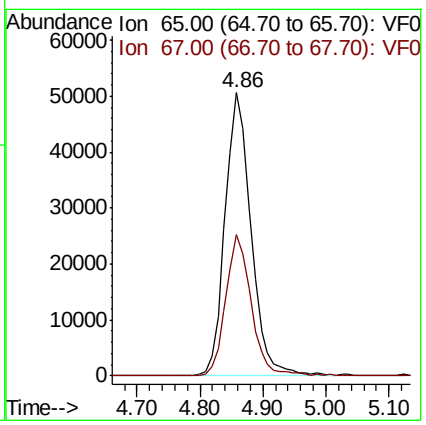


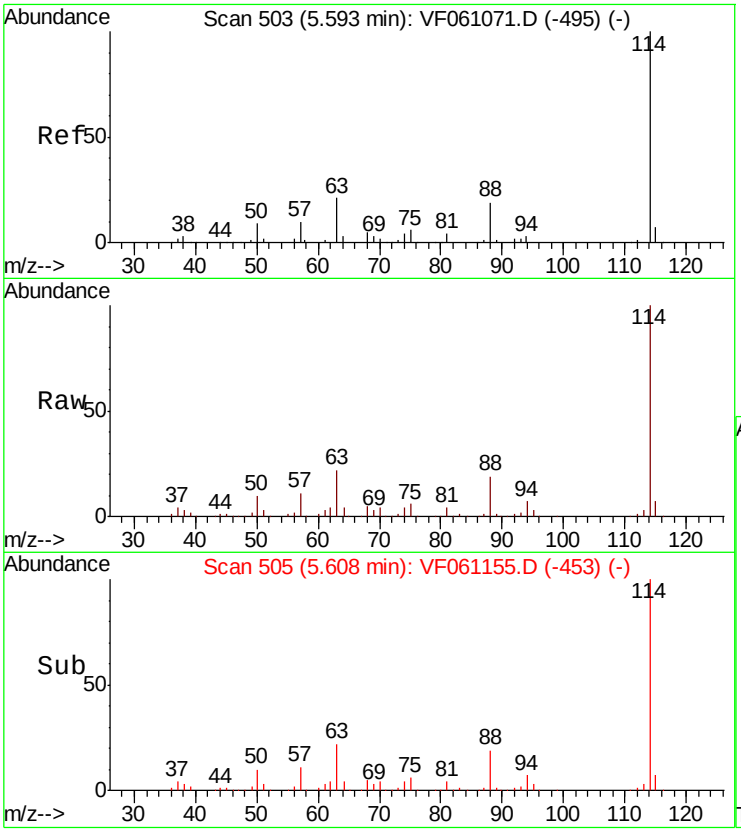




#33
1,2-Dichloroethane-d4
Concen: 52.416 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion: 65 Resp: 144310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 49.7 | 0.0 | 94.6 |



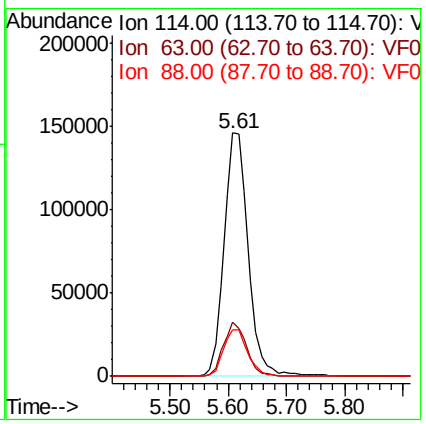


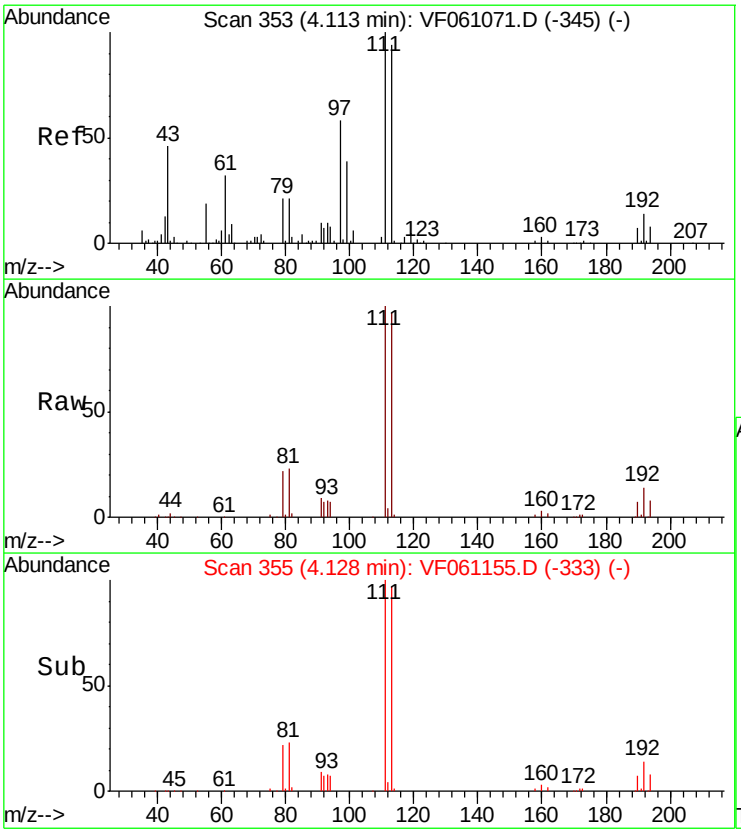

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :** MSVOA_F
**ClientSampleId :** DRUM-1RE

Tgt Ion:114 Resp: 420446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.2 | 0.0 | 41.6 |
| 88 | 19.1 | 0.0 | 38.0 |

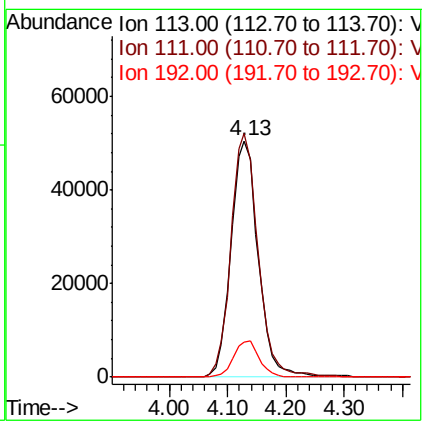


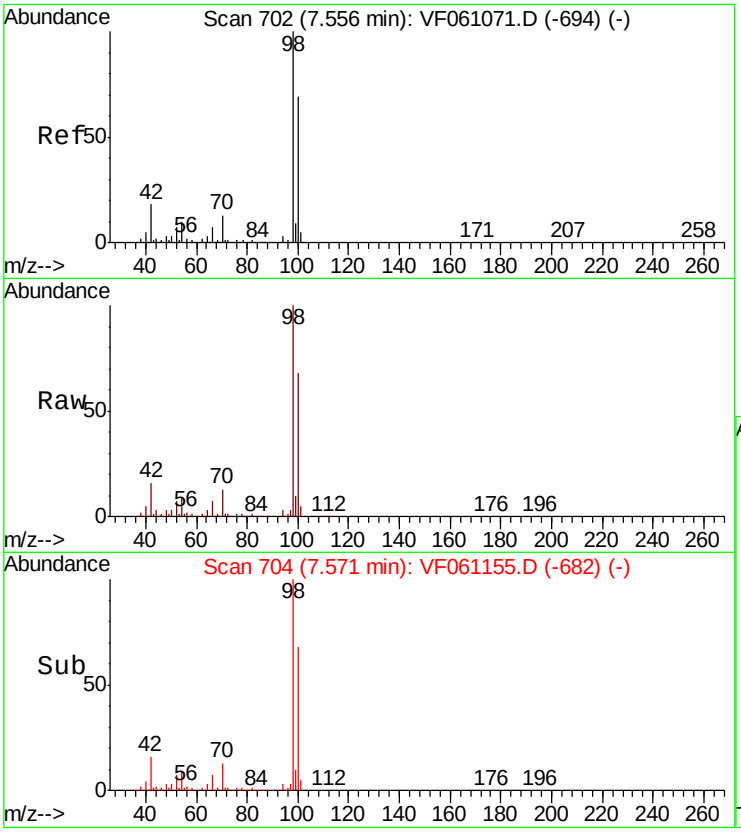




#35
Dibromofluoromethane
Concen: 48.953 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion:113 Resp: 164875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.2 | 85.2 | 127.8 |
| 192 | 14.6 | 12.8 | 19.2 |



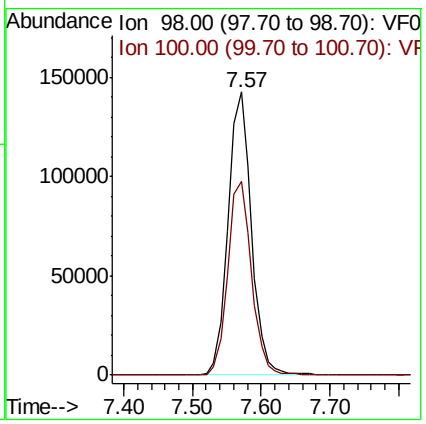


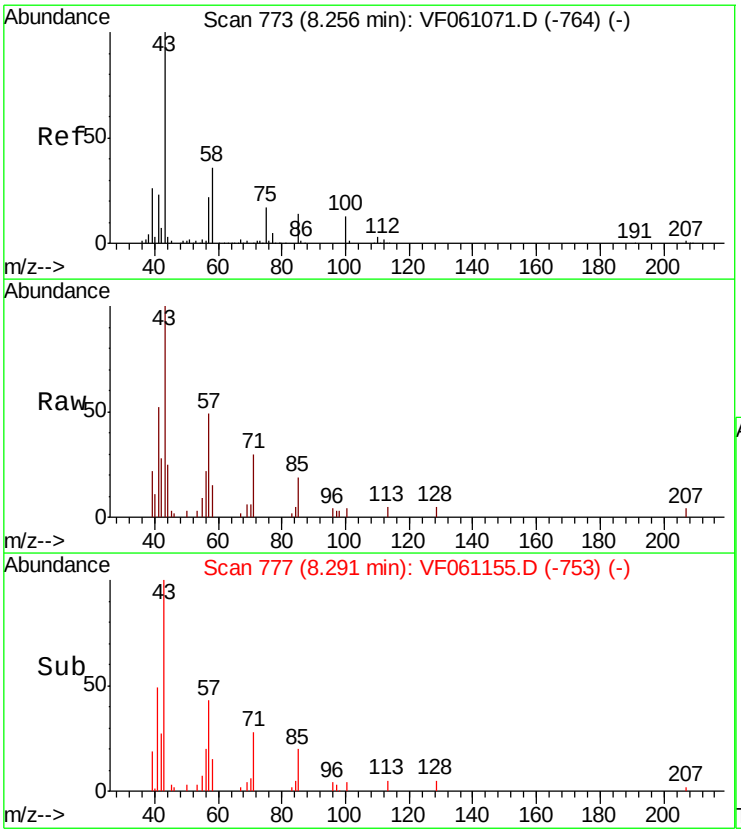

#50
Toluene-d8
Concen: 35.141 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :**
MSVOA_F
**ClientSampleId :**
DRUM-1RE

Tgt Ion: 98 Resp: 335402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 68.3 | 55.3 | 82.9 |

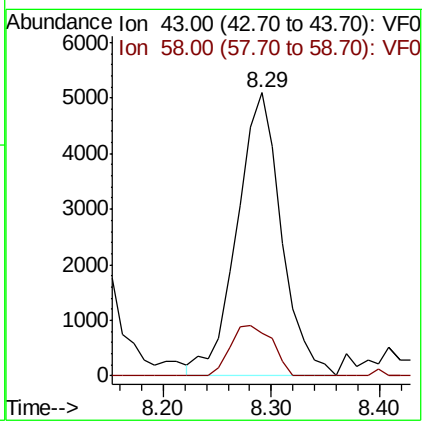


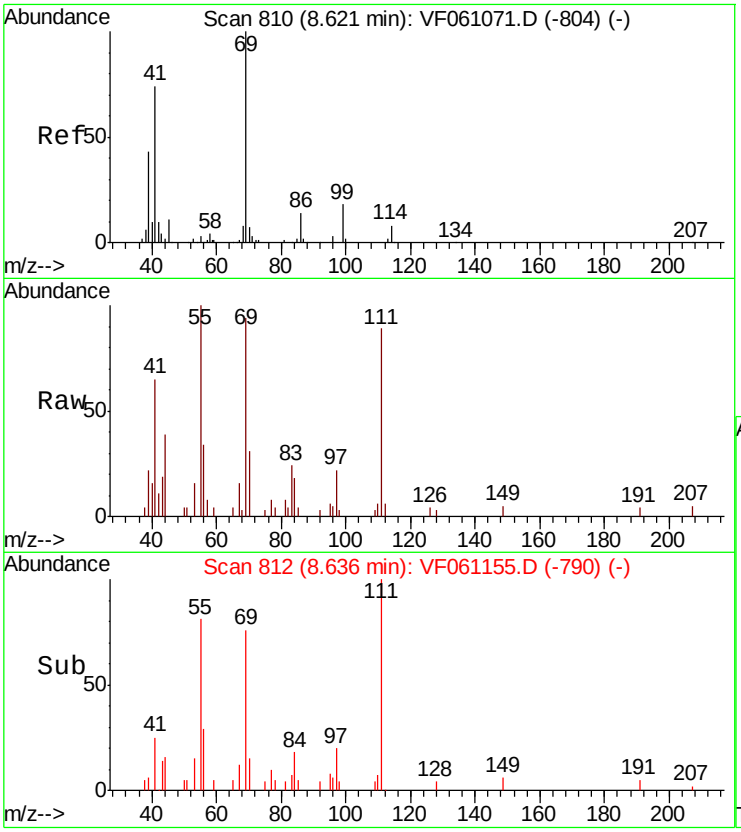




#51
4-Methyl-2-Pentanone
Concen: 8.694 ug/l
RT: 8.29 min Scan# 777
Delta R.T. 0.03 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion: 43 Resp: 14611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 15.1 | 29.1 | 43.7# |



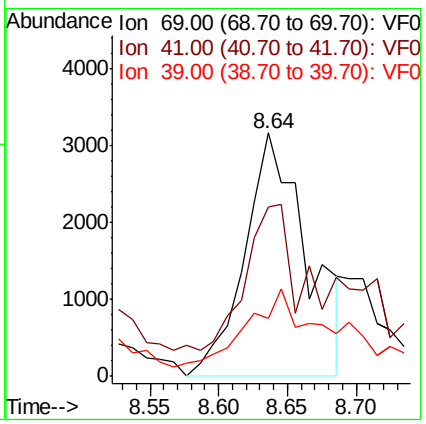


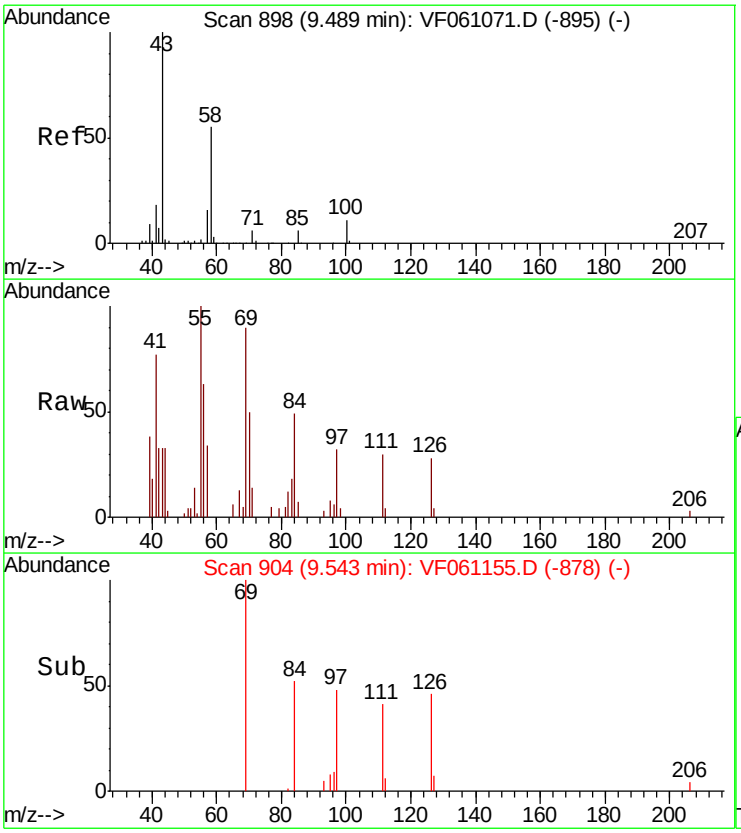

#56
Ethyl methacrylate
Concen: 4.257 ug/l
RT: 8.64 min Scan# 812
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :** MSVOA_F
**ClientSampleId :** DRUM-1RE

Tgt Ion: 69 Resp: 9976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 69.7 | 59.7 | 89.5 |
| 39 | 23.7 | 35.0 | 52.6# |

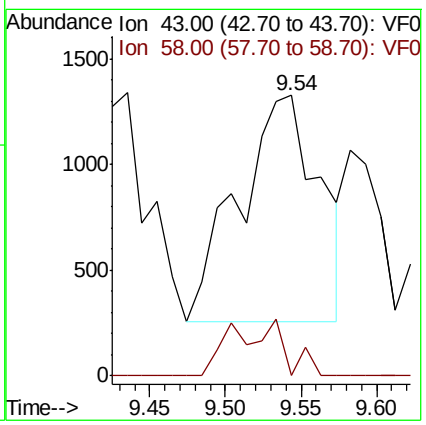


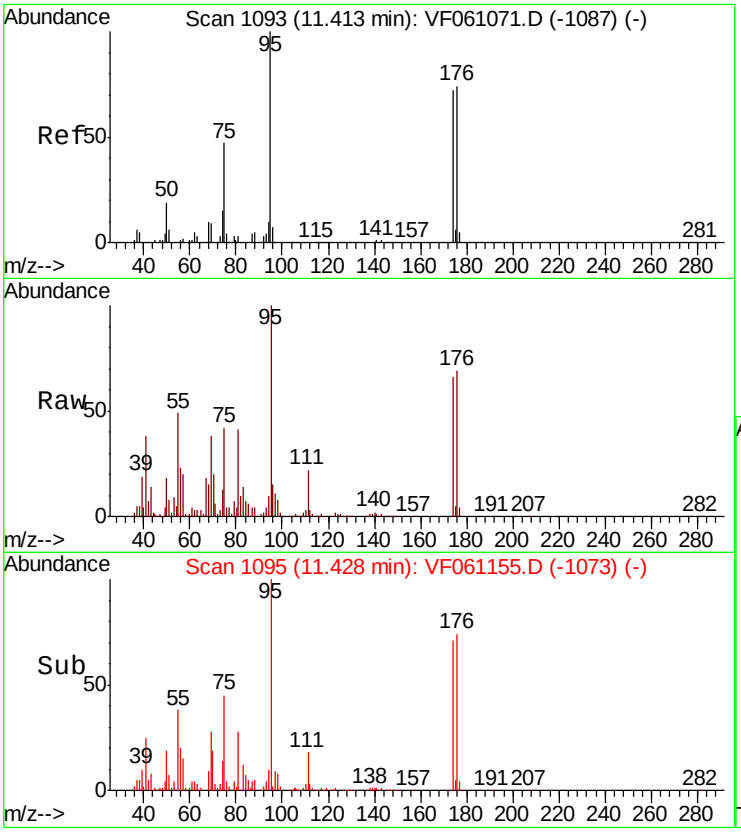




#59
2-Hexanone
Concen: 3.266 ug/l
RT: 9.54 min Scan# 904
Delta R.T. 0.05 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion: 43 Resp: 3969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 25.1 | 75.2# |



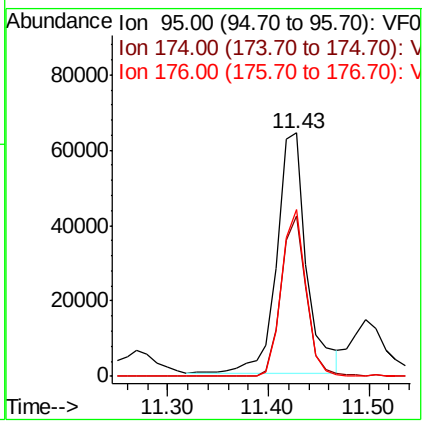


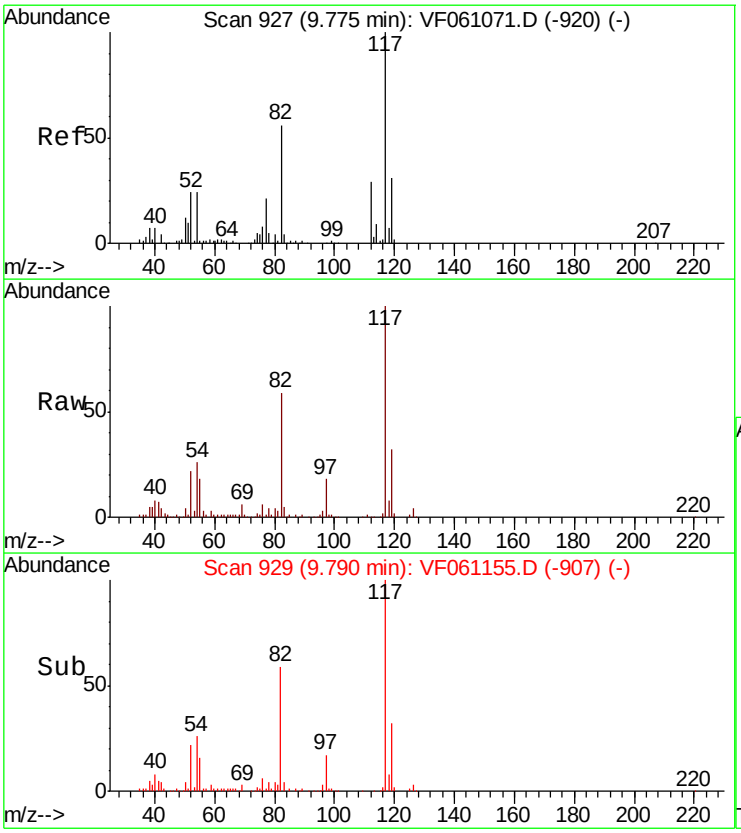

#62
4-Bromofluorobenzene
Concen: 29.884 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :**
MSVOA_F
**ClientSampleId :**
DRUM-1RE

Tgt Ion: 95 Resp: 131494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 65.8 | 0.0 | 143.8 |
| 176 | 68.7 | 0.0 | 147.6 |

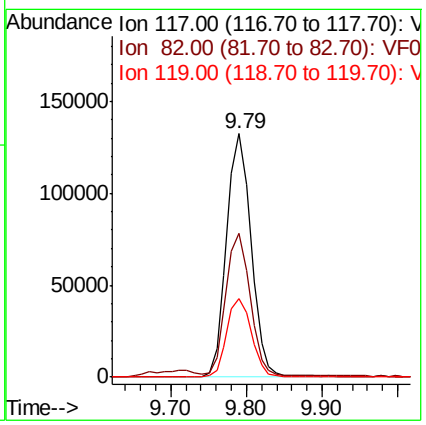


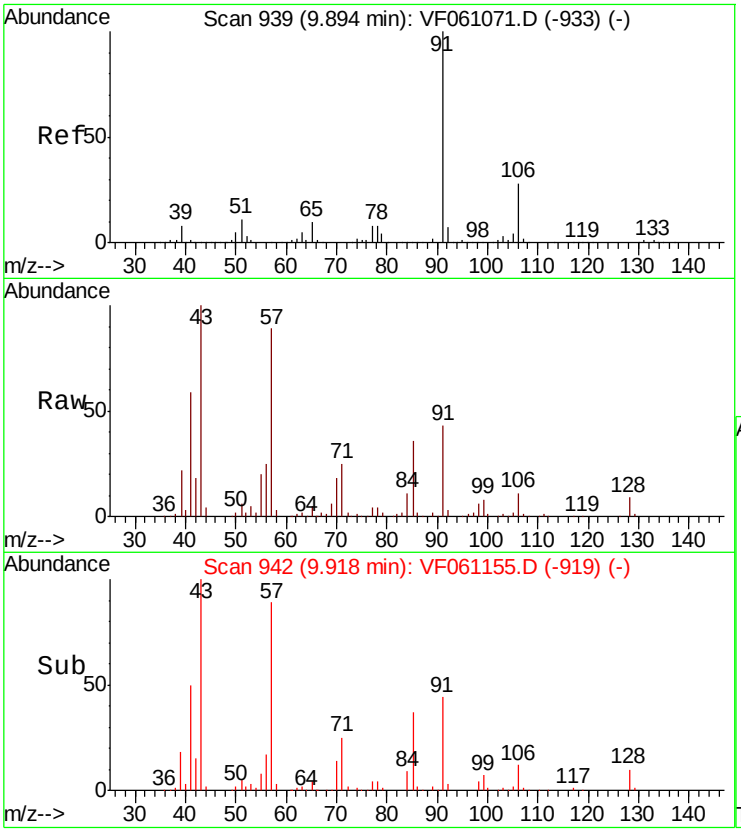




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion:117 Resp: 299603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 59.1 | 45.0 | 67.4 |
| 119 | 32.3 | 24.8 | 37.2 |



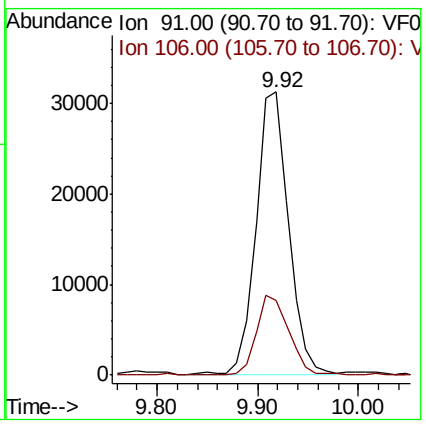


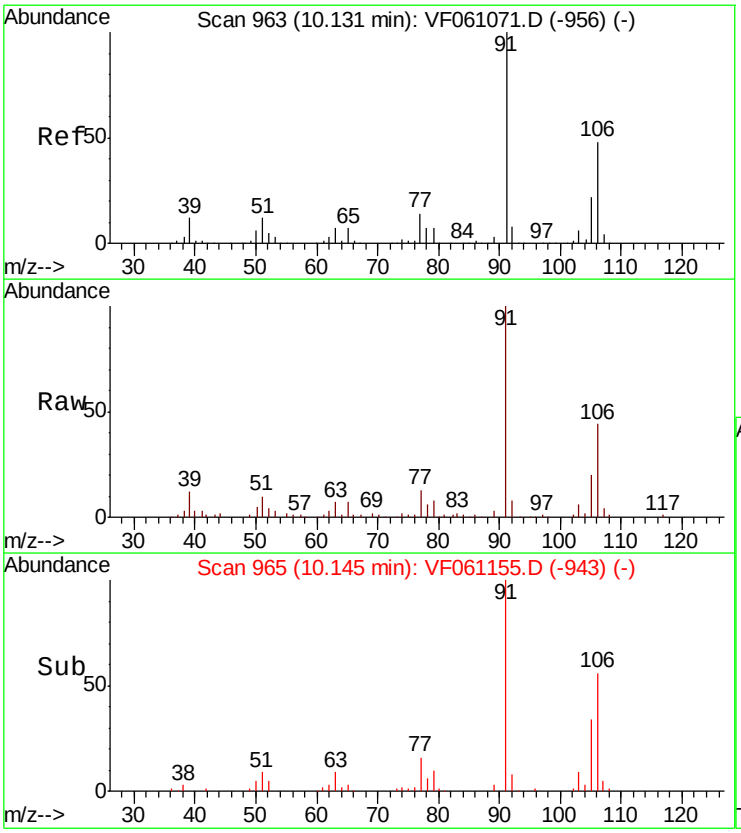

#67
Ethyl Benzene
Concen: 6.240 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.02 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :** MSVOA_F
**ClientSampleId :** DRUM-1RE

Tgt Ion: 91 Resp: 70359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 26.5 | 22.5 | 33.7 |

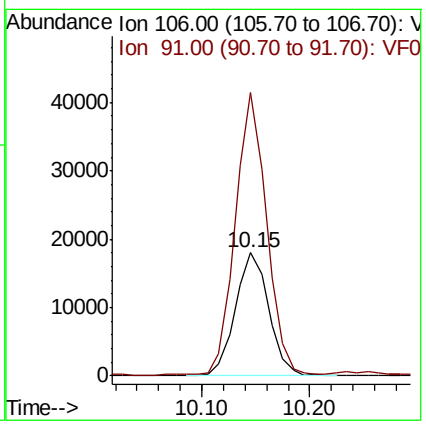


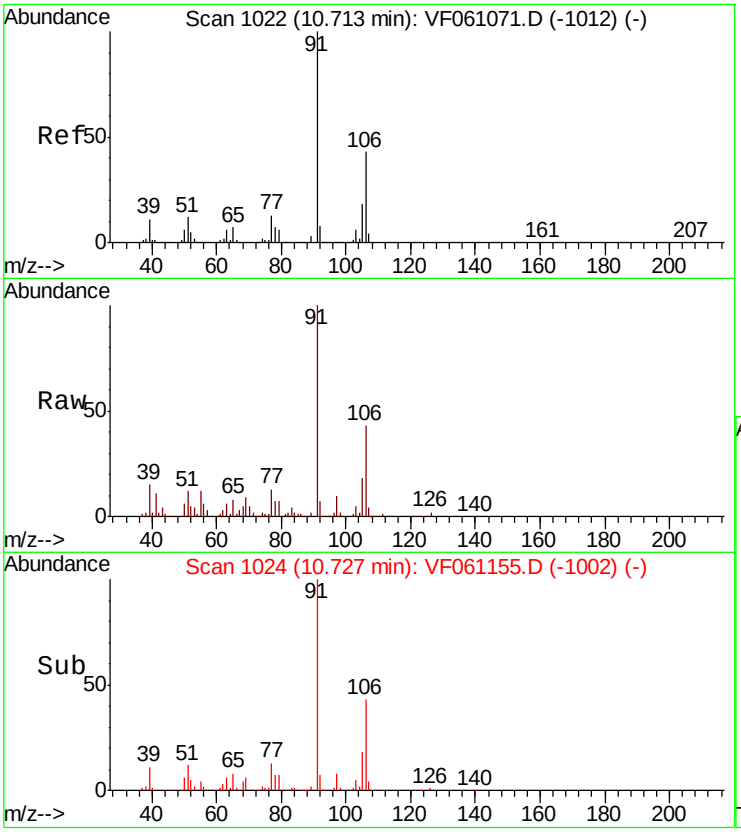




#68
m/p-Xylenes
Concen: 9.788 ug/l
RT: 10.15 min Scan# 965
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion:106 Resp: 38842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 229.9 | 168.2 | 252.2 |



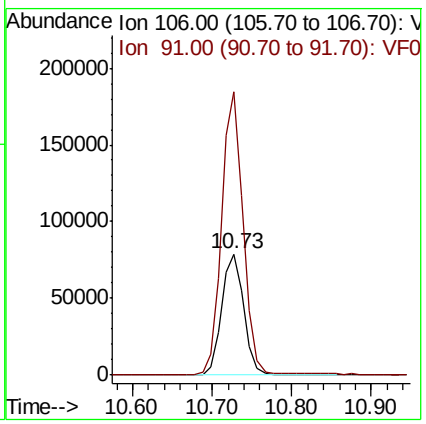


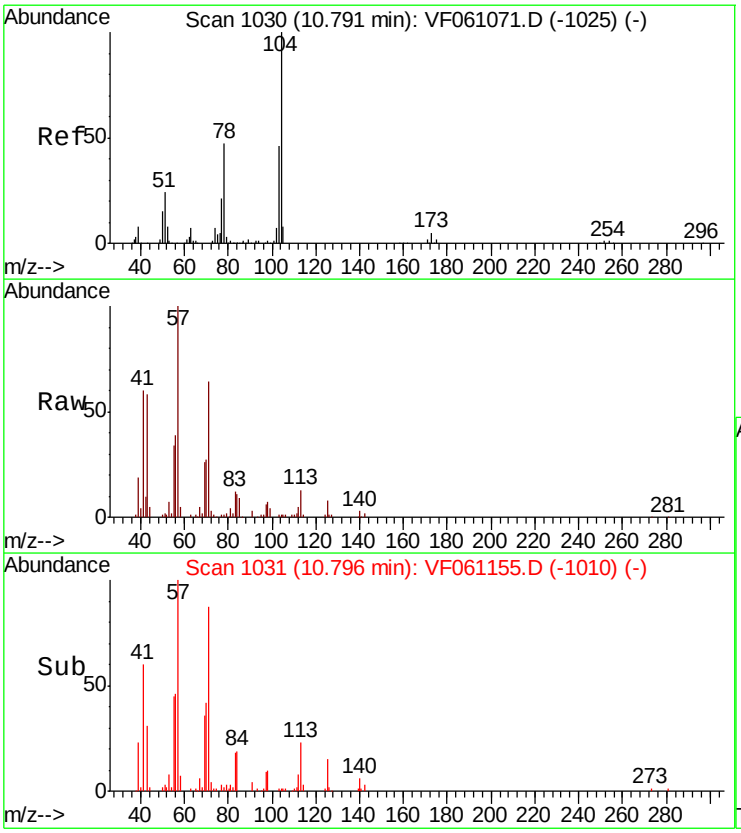

#69
o-Xylene
Concen: 35.167 ug/l
RT: 10.73 min Scan# 1024
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :** MSVOA_F
**ClientSampleId :** DRUM-1RE

Tgt Ion:106 Resp: 154774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 233.3 | 115.9 | 347.7 |

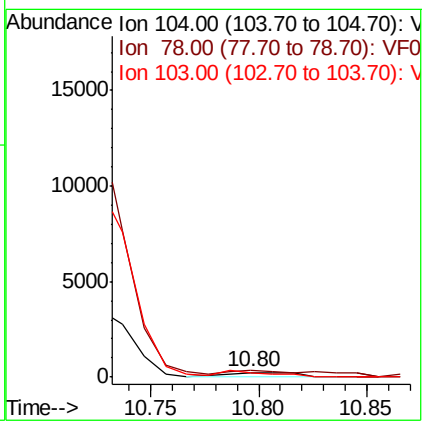


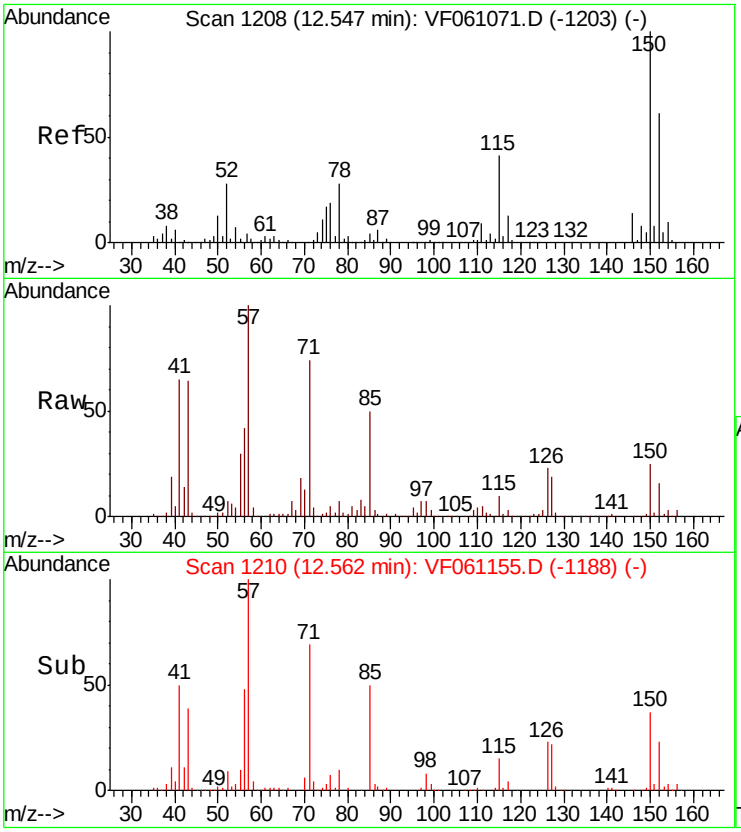




#70
Styrene
Concen: Below Cal
RT: 10.80 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion:104 Resp: 542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 151.8 | 38.4 | 57.6# |
| 103 | 93.7 | 37.0 | 55.6# |



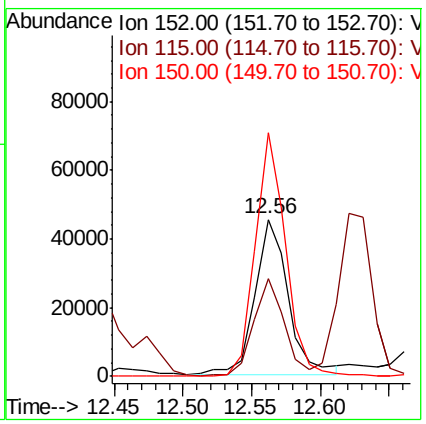


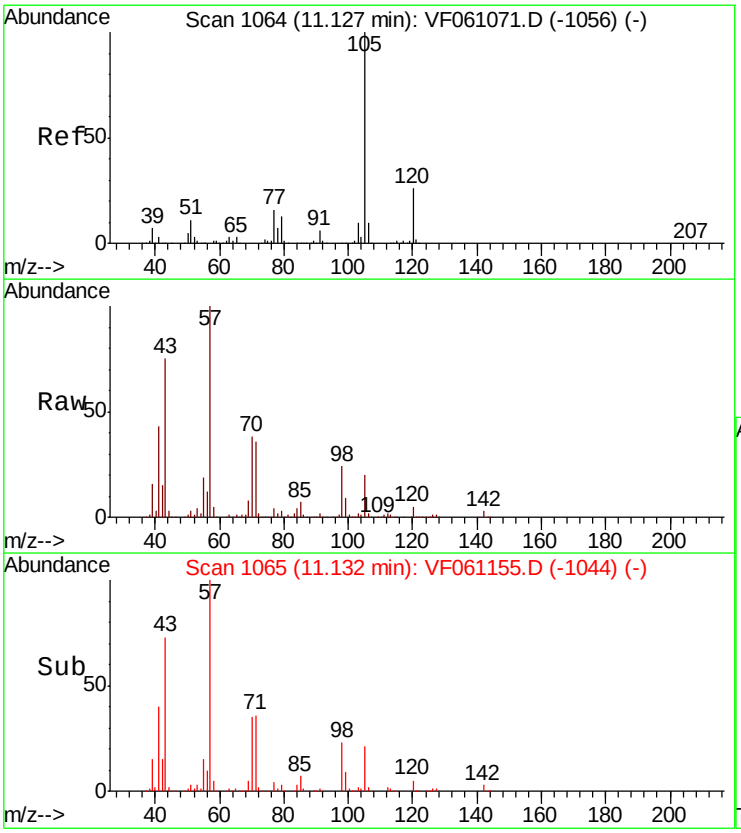

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :** MSVOA_F
**ClientSampleId :** DRUM-1RE

Tgt Ion:152 Resp: 75783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 62.5 | 33.3 | 99.9 |
| 150 | 155.4 | 0.0 | 328.2 |

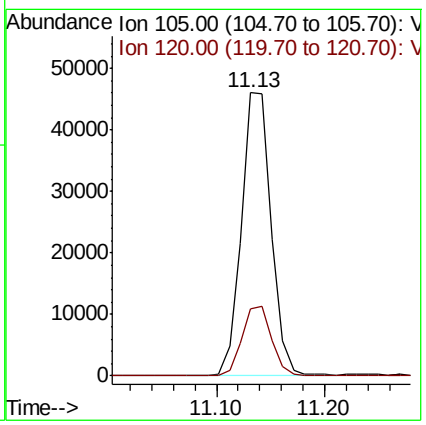


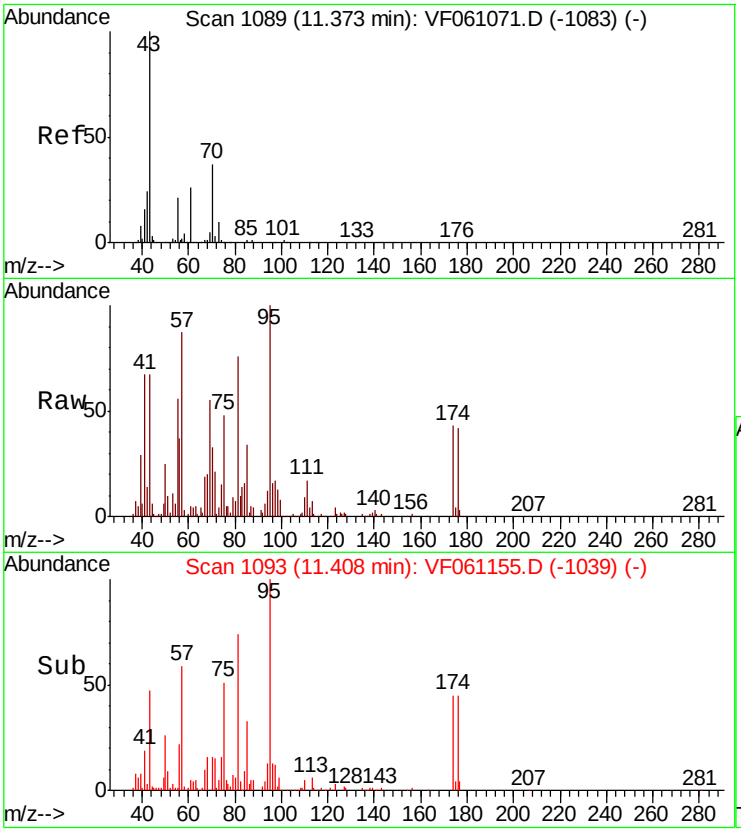




#73
Isopropylbenzene
Concen: 13.439 ug/l
RT: 11.13 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion:105 Resp: 87764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 23.5 | 13.0 | 39.0 |



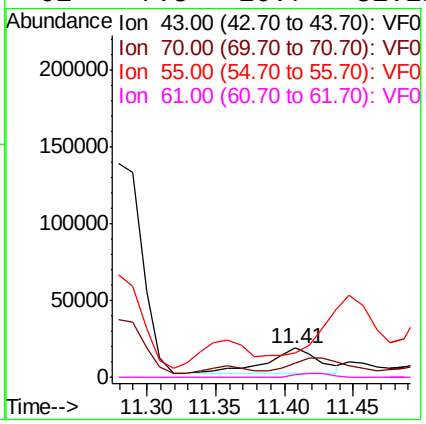


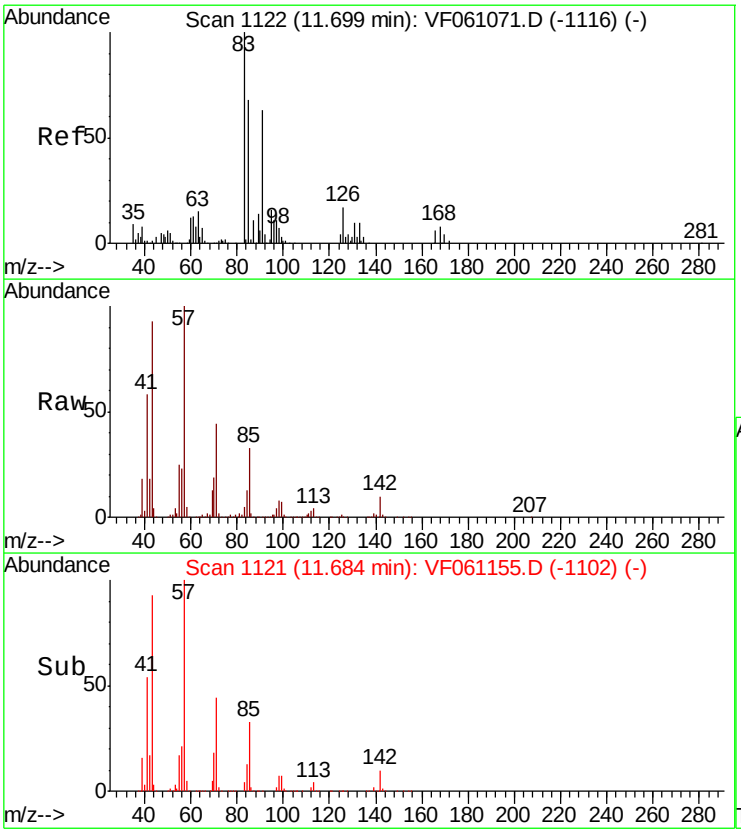

#74
N-amyl acetate
Concen: 30.214 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.03 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :** MSVOA_F
**ClientSampleId :** DRUM-1RE

Tgt Ion: 43 Resp: 43808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 50.1 | 29.2 | 43.8# |
| 55 | 84.6 | 16.5 | 24.7# |
| 61 | 7.8 | 20.7 | 31.1# |

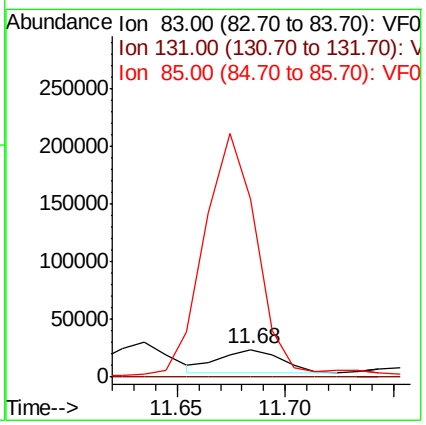


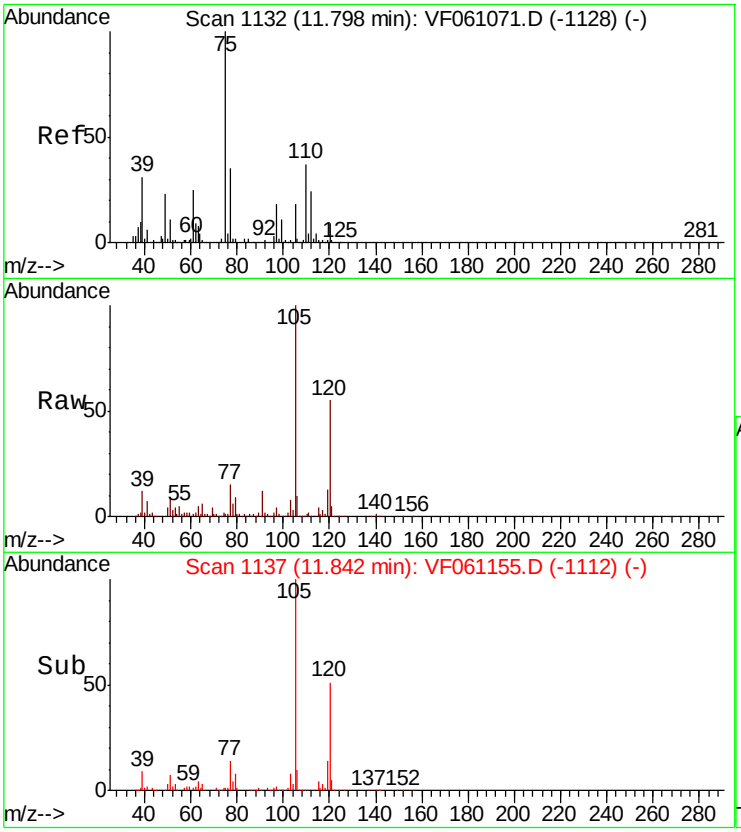




#75
1,1,2,2-Tetrachloroethane
Concen: 35.678 ug/l
RT: 11.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion: 83 Resp: 38670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 0.0 | 4.8 | 14.3# |
| 85 | 642.3 | 33.9 | 101.6# |



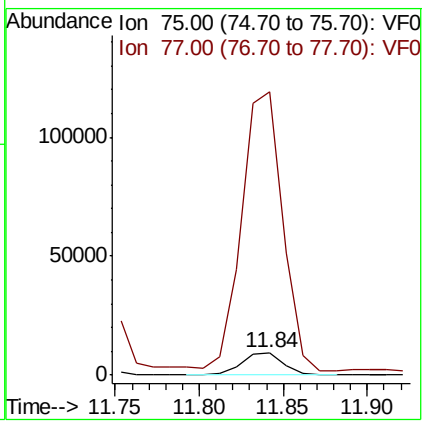


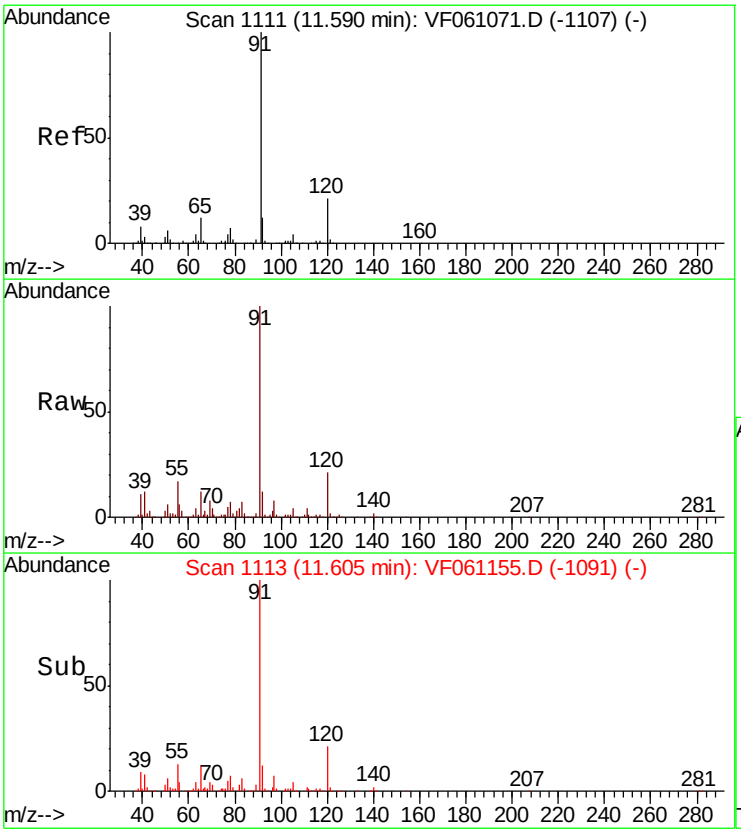

#76
1,2,3-Trichloropropane
Concen: 20.279 ug/l
RT: 11.84 min Scan# 1137
Delta R.T. 0.04 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :**
MSVOA_F
**ClientSampleId :**
DRUM-1RE

Tgt Ion: 75 Resp: 16357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1272.2 | 17.6 | 52.9# |

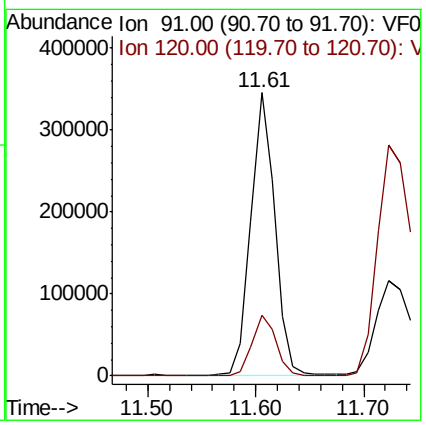


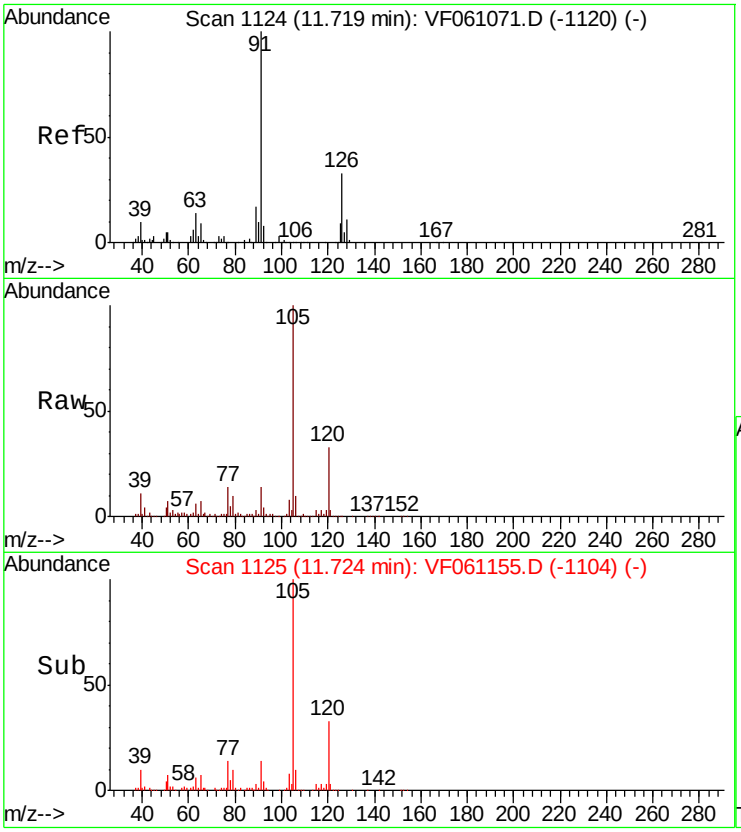




#78
n-propylbenzene
Concen: 82.921 ug/l
RT: 11.61 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion: 91 Resp: 538705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.3 | 10.4 | 31.2 |



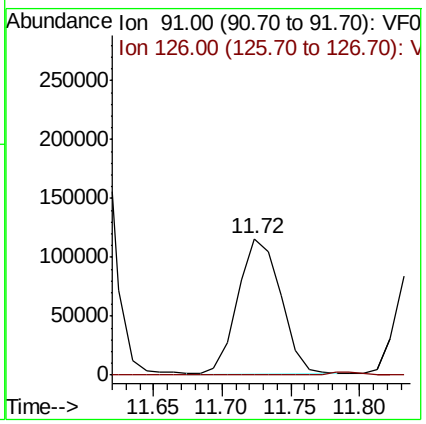


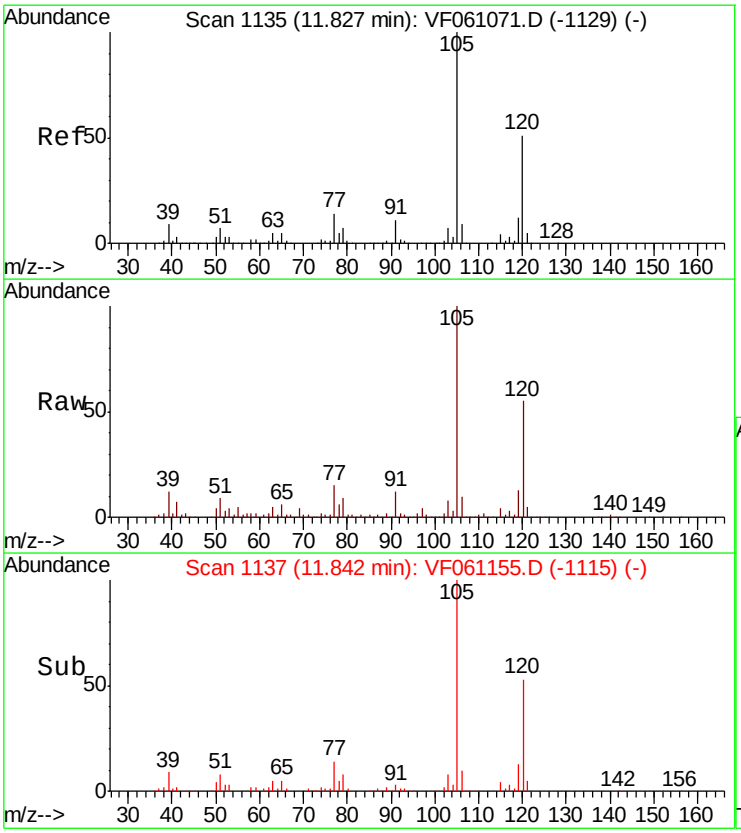

#79
2-Chlorotoluene
Concen: 56.053 ug/l
RT: 11.72 min Scan# 1125
Delta R.T. 0.00 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :** MSVOA_F
**ClientSampleId :** DRUM-1RE

Tgt Ion: 91 Resp: 251119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.2 | 16.4 | 49.1# |

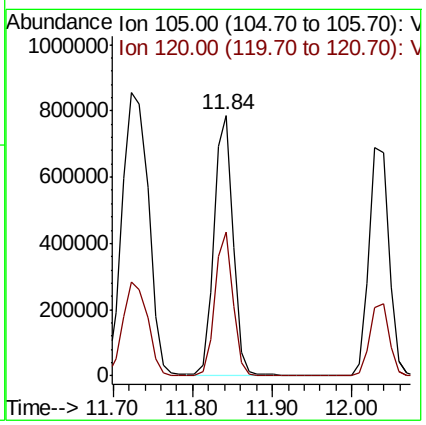


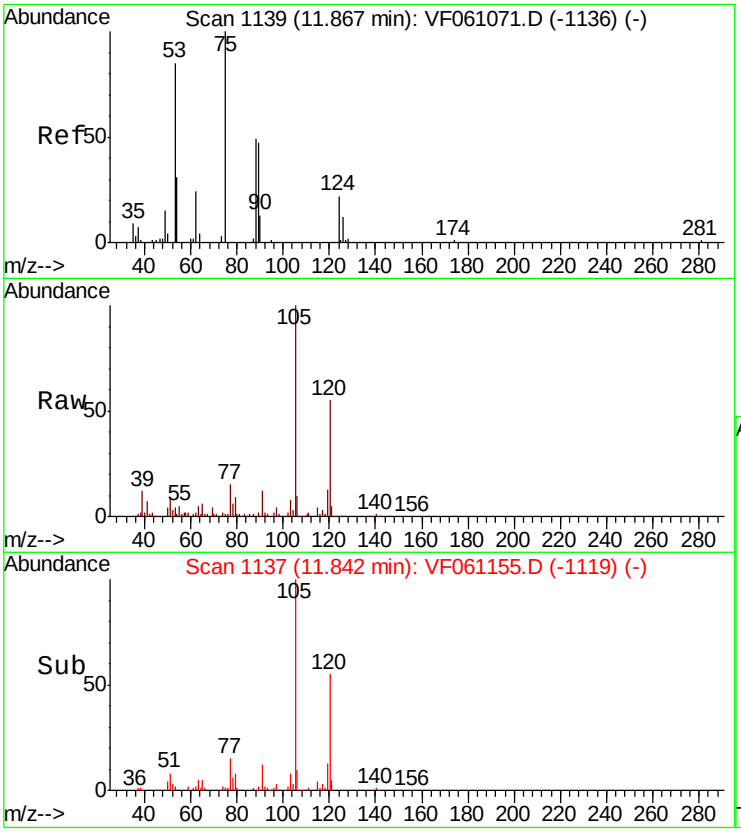




#80
1,3,5-Trimethylbenzene
Concen: 248.301 ug/l
RT: 11.84 min Scan# 1137
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion:105 Resp: 1335233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 54.9 | 25.4 | 76.4 |



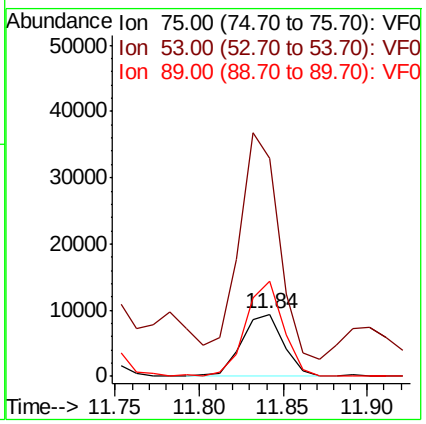


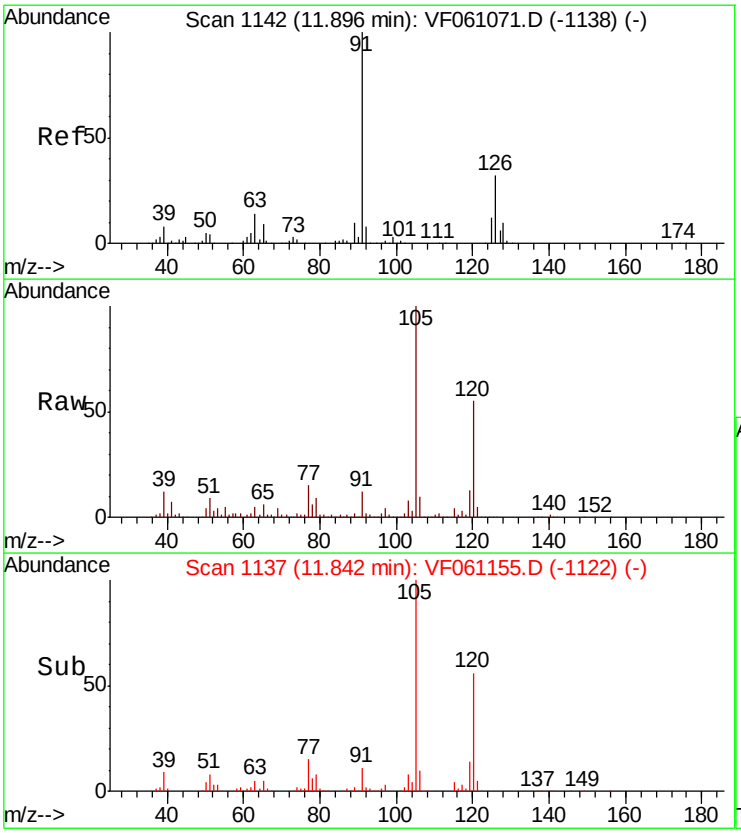

#81
trans-1,4-Dichloro-2-butene
Concen: 47.192 ug/l
RT: 11.84 min Scan# 1137
Delta R.T. -0.02 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :**
MSVOA_F
**ClientSampleId :**
DRUM-1RE

Tgt Ion: 75 Resp: 16357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 351.4 | 74.1 | 111.1# |
| 89 | 153.8 | 42.6 | 64.0# |

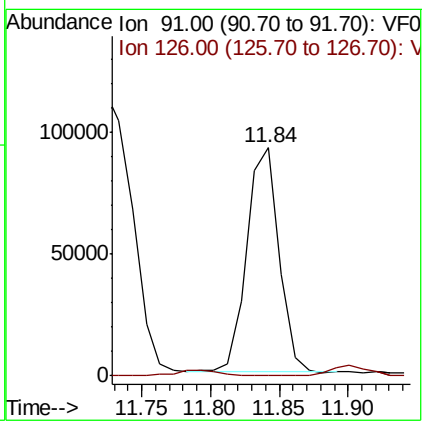


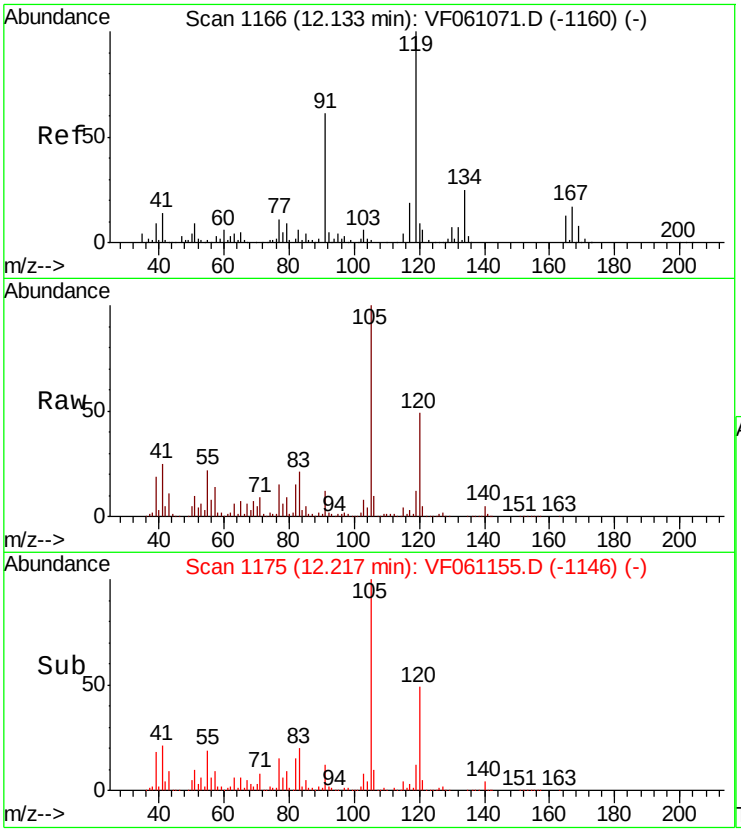




#82
4-Chlorotoluene
Concen: 32.386 ug/l
RT: 11.84 min Scan# 1137
Delta R.T. -0.05 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion: 91 Resp: 150093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.2 | 16.0 | 47.9# |



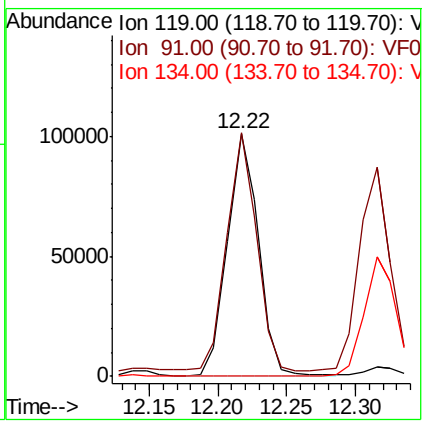


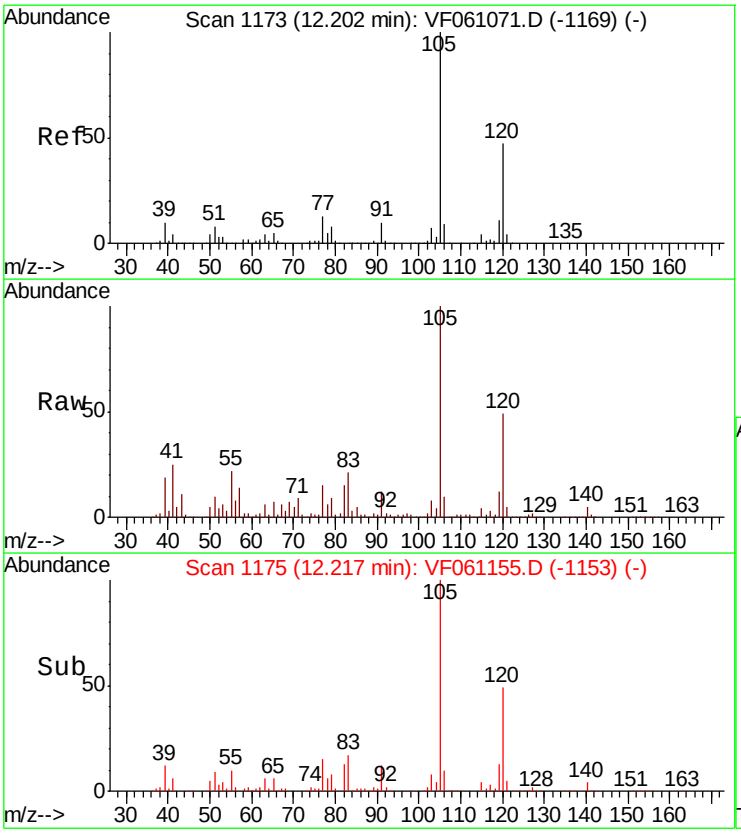

#83
tert-Butylbenzene
Concen: 28.903 ug/l
RT: 12.22 min Scan# 1175
Delta R.T. 0.08 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :**
MSVOA_F
**ClientSampleId :**
DRUM-1RE

Tgt Ion:119 Resp: 159938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 100.2 | 30.5 | 91.5# |
| 134 | 0.0 | 12.4 | 37.4# |

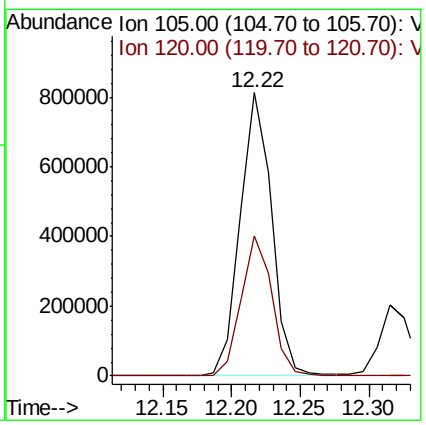


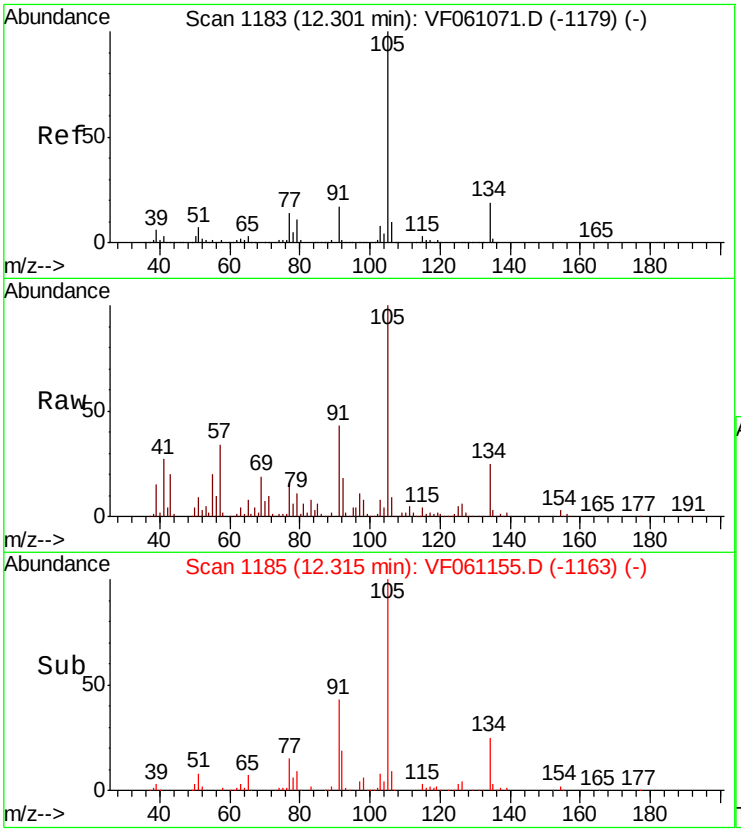




#84
1,2,4-Trimethylbenzene
Concen: 241.605 ug/l
RT: 12.22 min Scan# 1175
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion:105 Resp: 1295604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.3 | 23.6 | 71.0 |



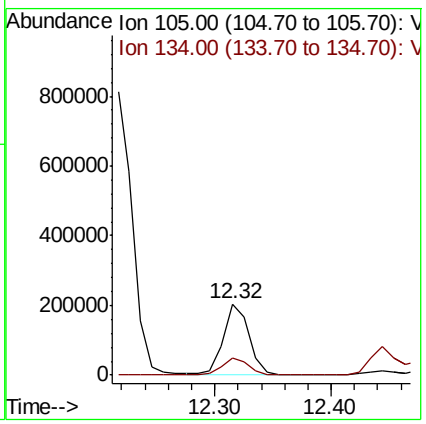


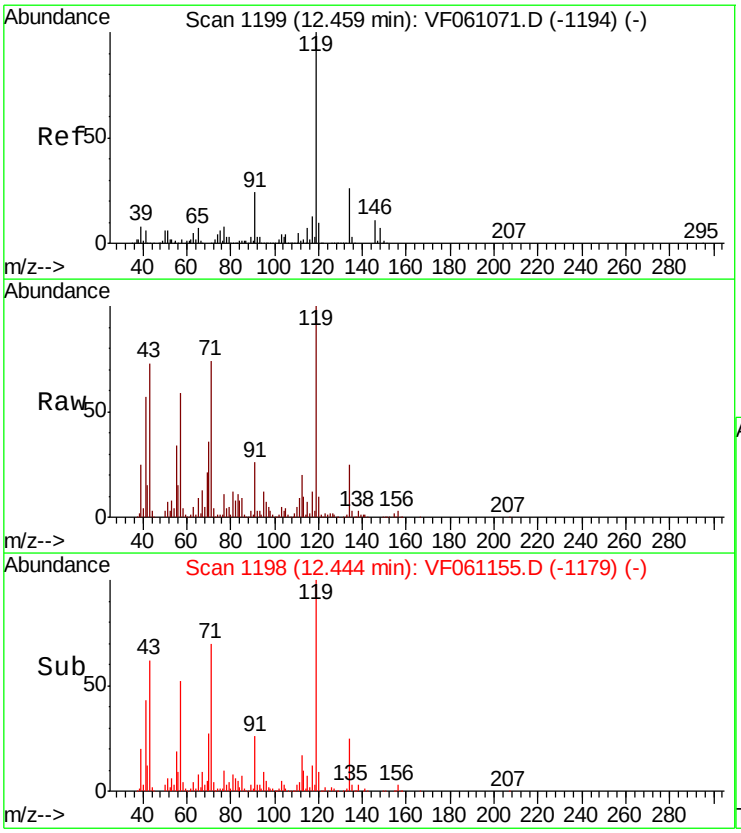

#85
sec-Butylbenzene
Concen: 42.640 ug/l
RT: 12.32 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :**
MSVOA_F
**ClientSampleId :**
DRUM-1RE

Tgt Ion:105 Resp: 307919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 24.5 | 9.4 | 28.2 |

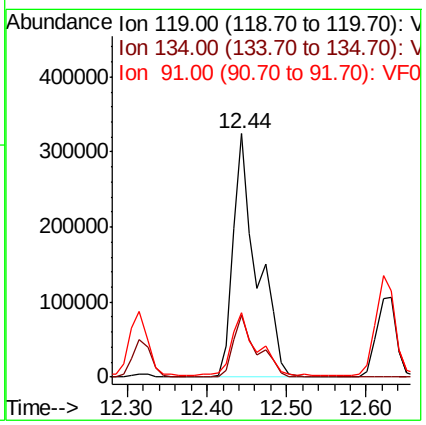


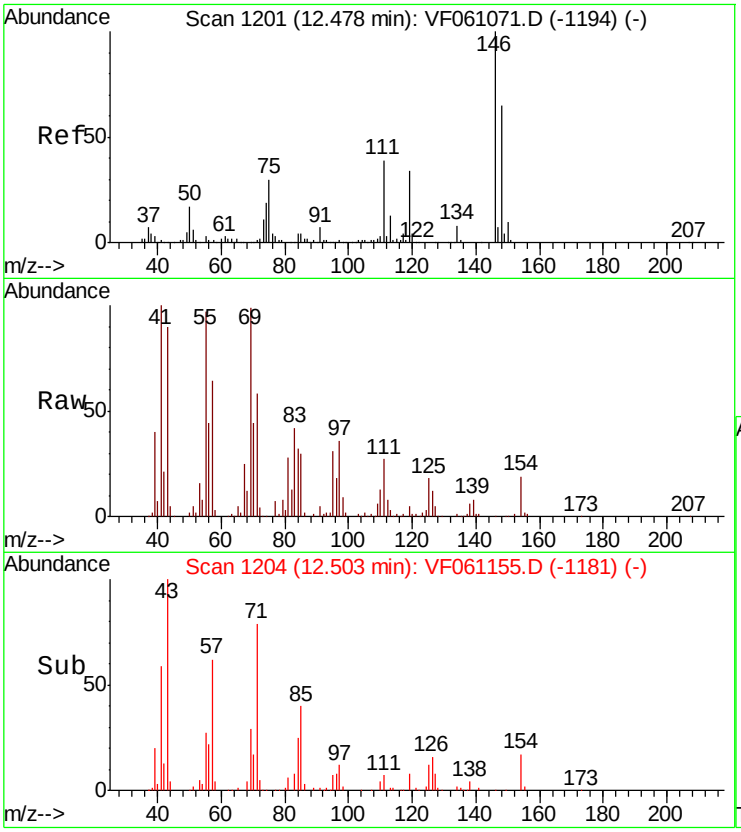




#86
p-Isopropyltoluene
Concen: 112.887 ug/l
RT: 12.44 min Scan# 1198
Delta R.T. -0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion:119 Resp: 676653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.4 | 12.8 | 38.4 |
| 91 | 26.5 | 12.2 | 36.6 |



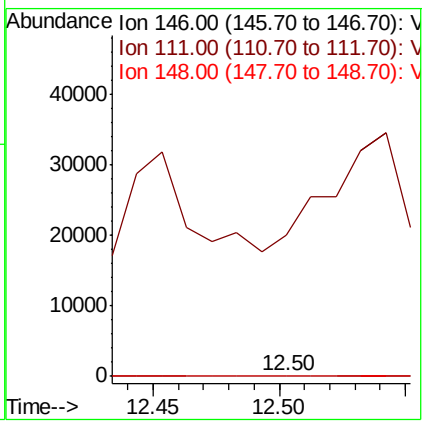


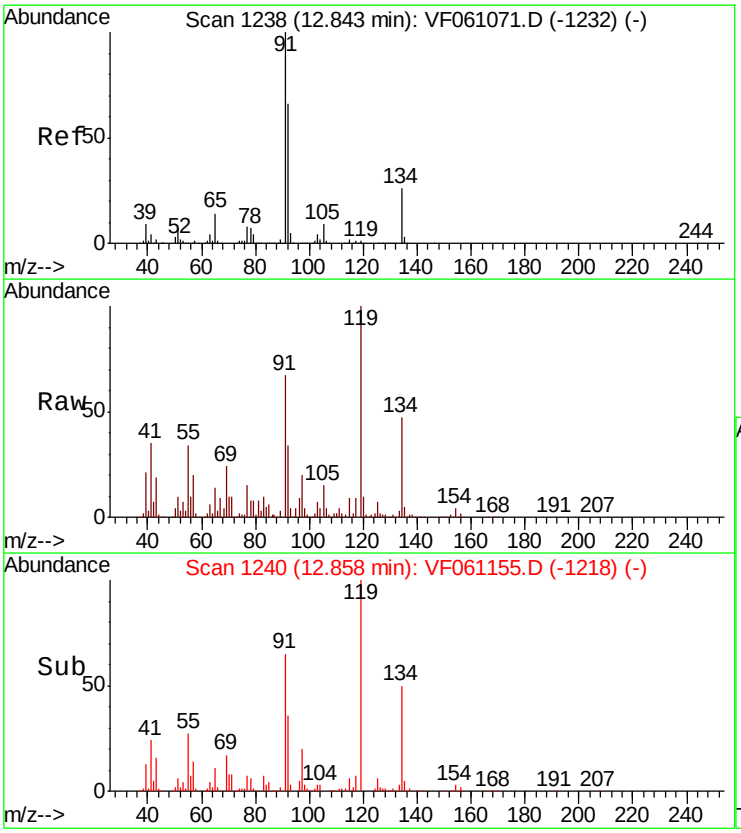

#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.50 min Scan# 1204
Delta R.T. 0.02 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :** MSVOA_F
**ClientSampleId :** DRUM-1RE

Tgt Ion:146 Resp: 125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 18958.5 | 19.3 | 57.9# |
| 148 | 0.0 | 32.4 | 97.2# |

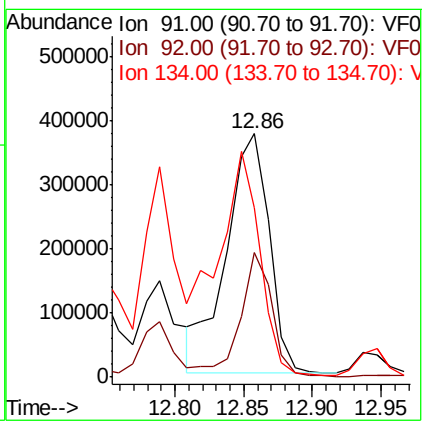


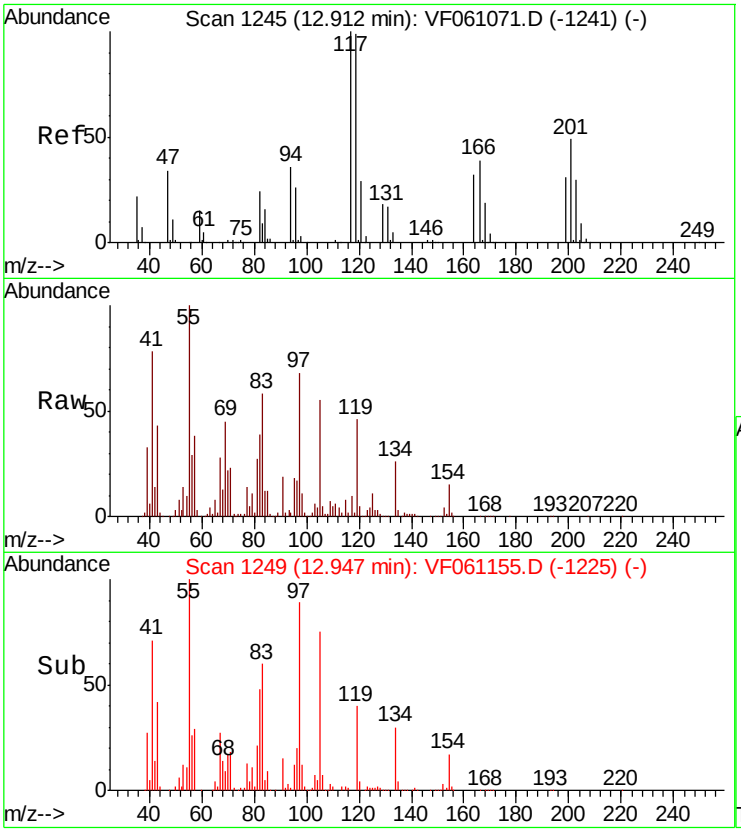




#89
n-Butylbenzene
Concen: Below Cal
RT: 12.86 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion: 91 Resp: 814980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 51.0 | 32.8 | 98.4 |
| 134 | 69.7 | 13.2 | 39.5# |



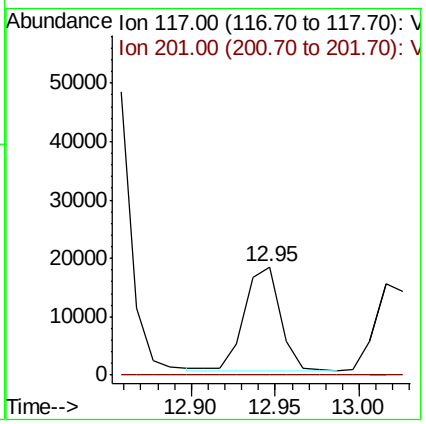


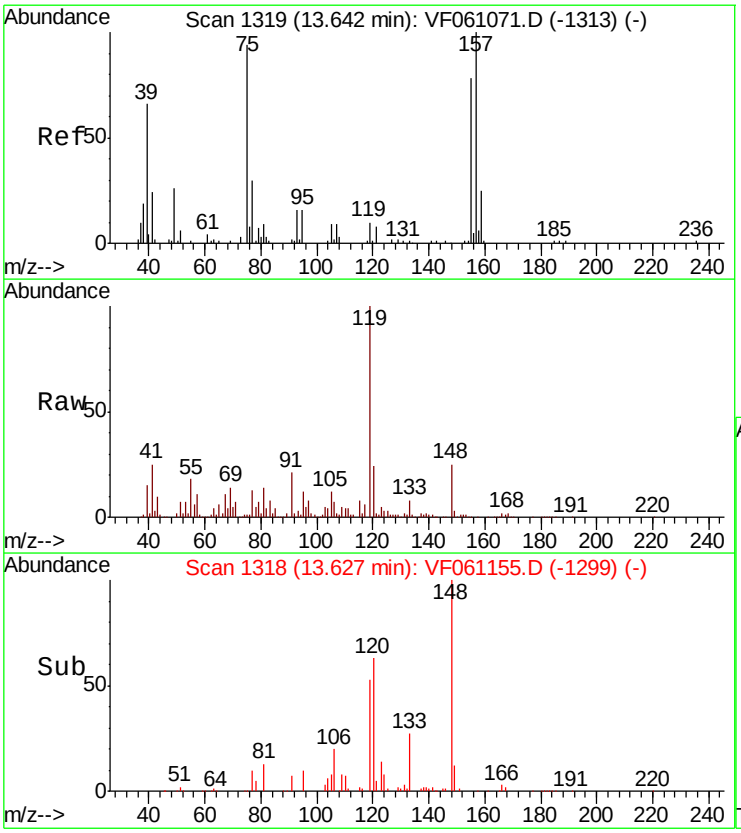

#90
Hexachloroethane
Concen: 17.845 ug/l
RT: 12.95 min Scan# 1249
Delta R.T. 0.03 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :**
MSVOA_F
**ClientSampleId :**
DRUM-1RE

Tgt Ion:117 Resp: 26427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 24.9 | 74.8# |

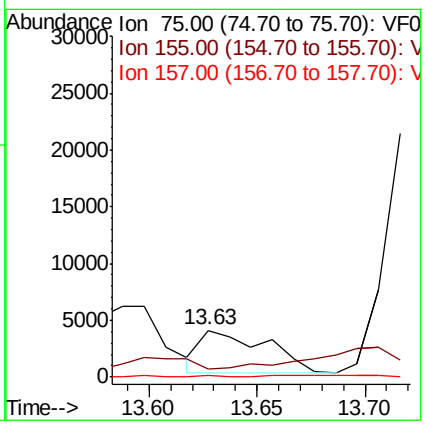


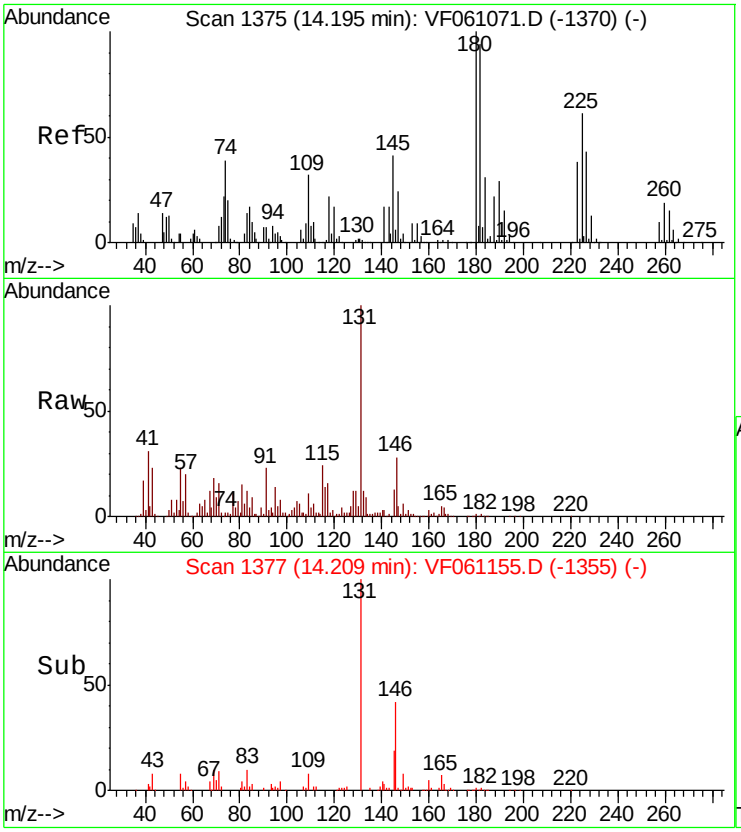




#92
1,2-Dibromo-3-Chloropropane
Concen: 39.871 ug/l
RT: 13.63 min Scan# 1318
Delta R.T. -0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion: 75 Resp: 7930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 18.4 | 41.5 | 124.5# |
| 157 | 2.8 | 53.2 | 159.6# |



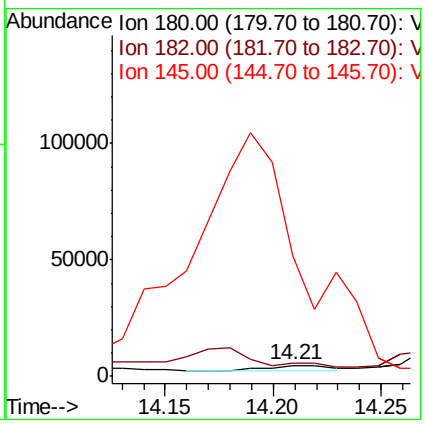


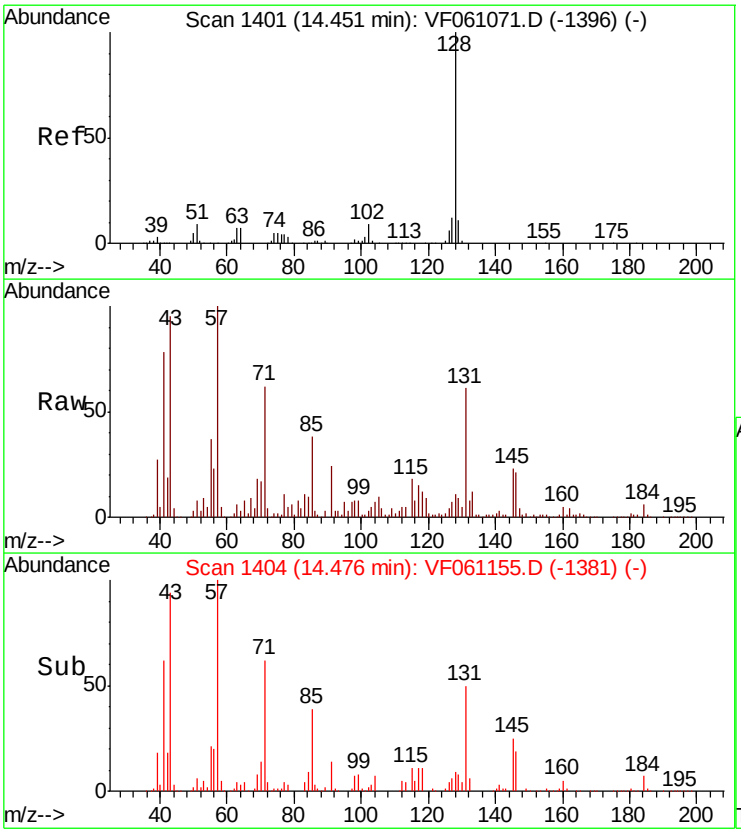

#93
1,2,4-Trichlorobenzene
Concen: 2.843 ug/l
RT: 14.21 min Scan# 1377
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :**
MSVOA_F
**ClientSampleId :**
DRUM-1RE

Tgt Ion:180 Resp: 5068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 112.1 | 46.9 | 140.6 |
| 145 | 1073.4 | 20.5 | 61.6# |

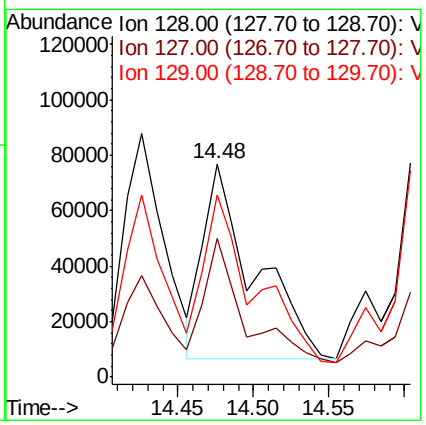


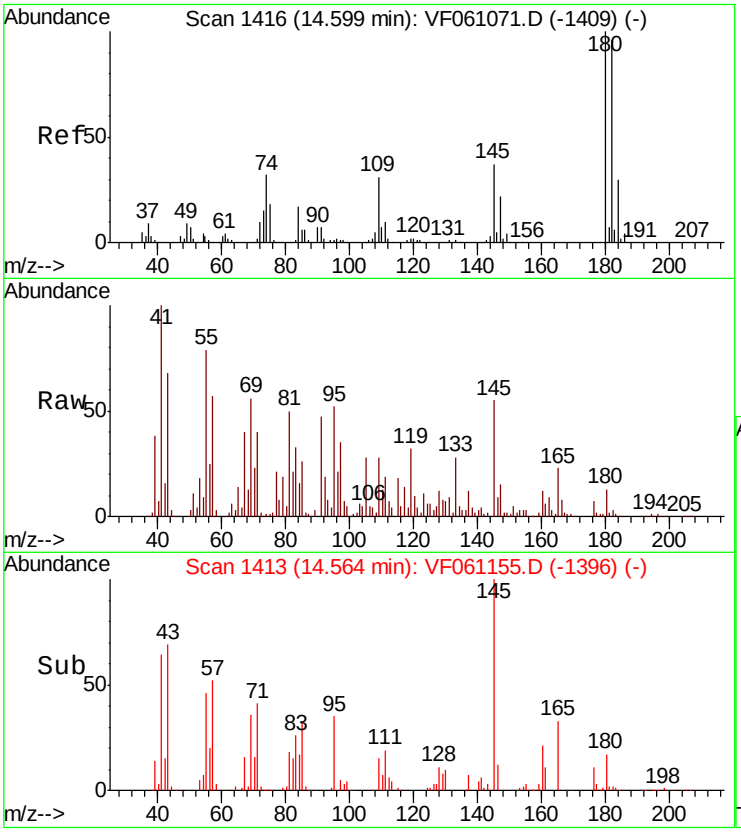




#95
Naphthalene
Concen: 50.918 ug/l
RT: 14.48 min Scan# 1404
Delta R.T. 0.02 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion:128 Resp: 165723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 64.9 | 9.4 | 14.2# |
| 129 | 85.6 | 8.8 | 13.2# |






#96
1,2,3-Trichlorobenzene
Concen: 26.760 ug/l
RT: 14.56 min Scan# 1413
Delta R.T. -0.03 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

**Instrument :**
MSVOA_F
**ClientSampleId :**
DRUM-1RE

Tgt Ion:180 Resp: 44093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 26.9 | 47.9 | 143.8# |
| 145 | 428.1 | 18.6 | 55.8# |