Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122118\
Data File : VF061134.D
Acq On : 21 Dec 2018 19:08
Operator : VA/AP
Sample : J6377-13RE
Misc : 5.04g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :** P001-SD005-0006-01RE

Quant Time: Dec 21 23:47:37 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 | 4.91 | 168 | 62286 | 50.00 | ug/l | 0.04 |
| 34) 1,4-Difluorobenzene | 5.64 | 114 | 103055 | 50.00 | ug/l | 0.05 |
| 63) Chlorobenzene-d5 | 9.82 | 117 | 77075 | 50.00 | ug/l | 0.04 |
| 72) 1,4-Dichlorobenzene-d4 | 12.58 | 152 | 26515 | 50.00 | ug/l | 0.03 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 4.88 | 65 | 25174 | 31.42 | ug/l | 0.04 |
| Spiked Amount 50.000 | | | Recovery = 62.84% | | | |
| 35) Dibromofluoromethane | 4.16 | 113 | 28860 | 34.96 | ug/l | 0.05 |
| Spiked Amount 50.000 | | | Recovery = 69.92% | | | |
| 50) Toluene-d8 | 7.60 | 98 | 73417 | 31.38 | ug/l | 0.04 |
| Spiked Amount 50.000 | | | Recovery = 62.76% | | | |
| 62) 4-Bromofluorobenzene | 11.44 | 95 | 27149 | 25.17 | ug/l | 0.03 |
| Spiked Amount 50.000 | | | Recovery = 50.34% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 1.39 | 94 | 766 | 1.501 | ug/l # | 3 |
| 8) Diethyl Ether | 1.63 | 74 | 383 | 1.991 | ug/l | 68 |
| 11) Tert butyl alcohol | 2.43 | 59 | 119 | 3.681 | ug/l # | 1 |
| 13) Acrolein | 2.02 | 56 | 497 | 21.276 | ug/l | 92 |
| 14) Allyl chloride | 2.09 | 41 | 990 | 1.733 | ug/l # | 80 |
| 15) Acrylonitrile | 2.94 | 53 | 588 | 7.866 | ug/l # | 33 |
| 16) Acetone | 2.27 | 43 | 4641 | 28.979 | ug/l # | 84 |
| 18) Methyl Acetate | 2.40 | 43 | 4858 | 14.662 | ug/l # | 66 |
| 20) Methylene Chloride | 2.28 | 84 | 2814 | 1.106 | ug/l # | 47 |
| 25) 2-Butanone | 4.39 | 43 | 2900 | 11.165 | ug/l # | 80 |
| 29) Tetrahydrofuran | 4.04 | 42 | 323 | 3.055 | ug/l # | 64 |
| 37) Ethyl Acetate | 4.17 | 43 | 10573 | 19.686 | ug/l # | 43 |
| 39) Methylcyclohexane | 5.50 | 83 | 4070 | 3.647 | ug/l # | 81 |
| 40) Benzene | 4.68 | 78 | 10221 | 3.821 | ug/l | 92 |
| 51) 4-Methyl-2-Pentanone | 8.30 | 43 | 1491 | 3.620 | ug/l # | 38 |
| 52) Toluene | 7.67 | 92 | 2026 | 1.144 | ug/l | 76 |
| 59) 2-Hexanone | 9.53 | 43 | 1456 | 4.888 | ug/l | 87 |
| 65) Chlorobenzene | 9.85 | 112 | 6605 | 4.148 | ug/l # | 78 |
| 68) m/p-Xylenes | 10.17 | 106 | 127500 | 124.895 | ug/l | 96 |
| 69) o-Xylene | 10.74 | 106 | 1405 | 1.241 | ug/l | 60 |
| 70) Styrene | 10.83 | 104 | 141 | Below Cal | # | 30 |
| 80) 1,3,5-Trimethylbenzene | 11.85 | 105 | 5285 | 2.809 | ug/l | 86 |
| 81) trans-1,4-Dichloro-2-buten | 11.86 | 75 | 162 | 1.336 | ug/l # | 11 |
| 84) 1,2,4-Trimethylbenzene | 12.23 | 105 | 14290 | 7.616 | ug/l | 94 |
| 86) p-Isopropyltoluene | 12.49 | 119 | 2597 | 1.238 | ug/l | 87 |
| 87) 1,3-Dichlorobenzene | 12.50 | 146 | 1655 | Below Cal | | 86 |
| 88) 1,4-Dichlorobenzene | 12.59 | 146 | 11464 | 12.693 | ug/l | 96 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.59 | 75 | 81 | 1.164 | ug/l # | 2 |
| 95) Naphthalene | 14.48 | 128 | 4280 | 3.759 | ug/l # | 86 |

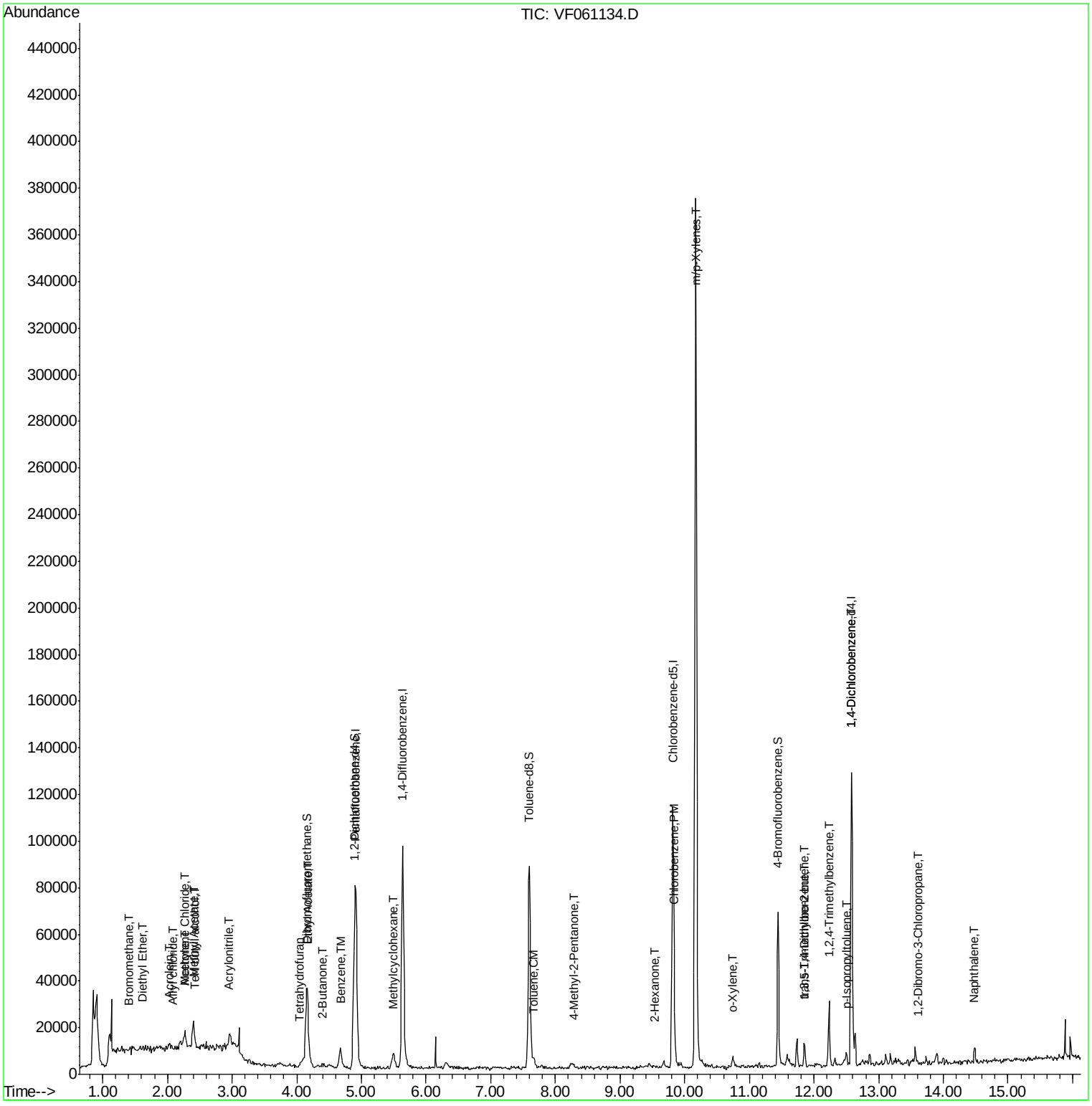
(#) = qualifier out of range (m) = manual integration (+) = signals summed

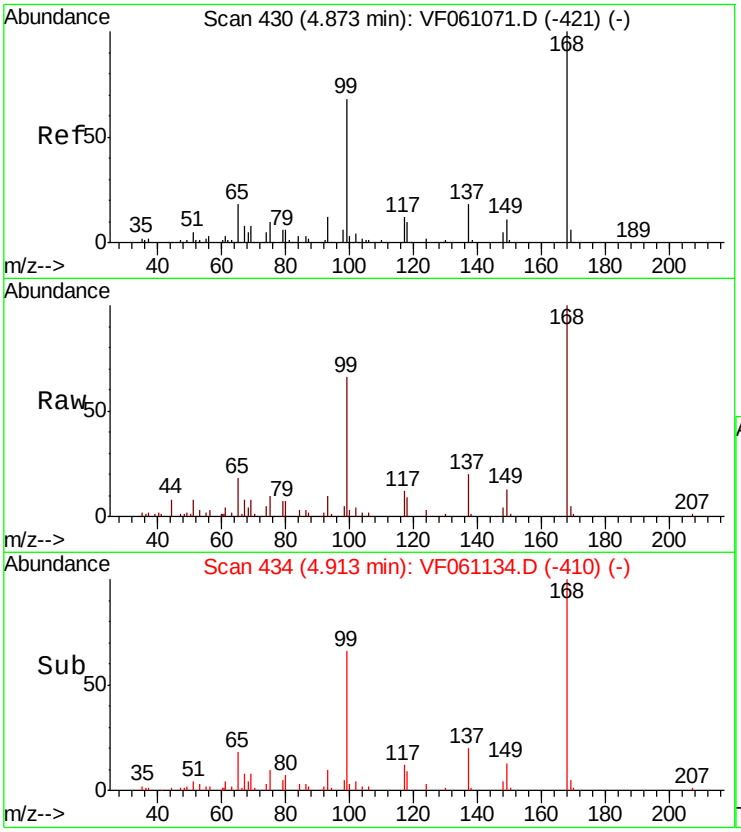
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122118\
Data File : VF061134.D
Acq On : 21 Dec 2018 19:08
Operator : VA/AP
Sample : J6377-13RE
Misc : 5.04g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Quant Time: Dec 21 23:47:37 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



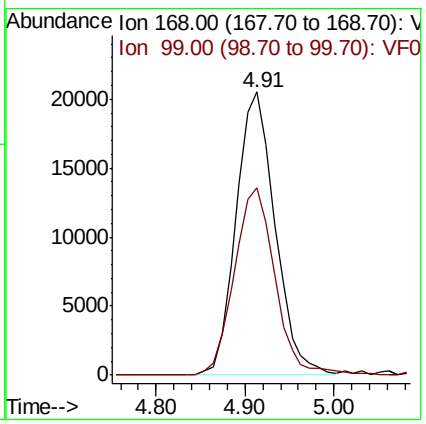


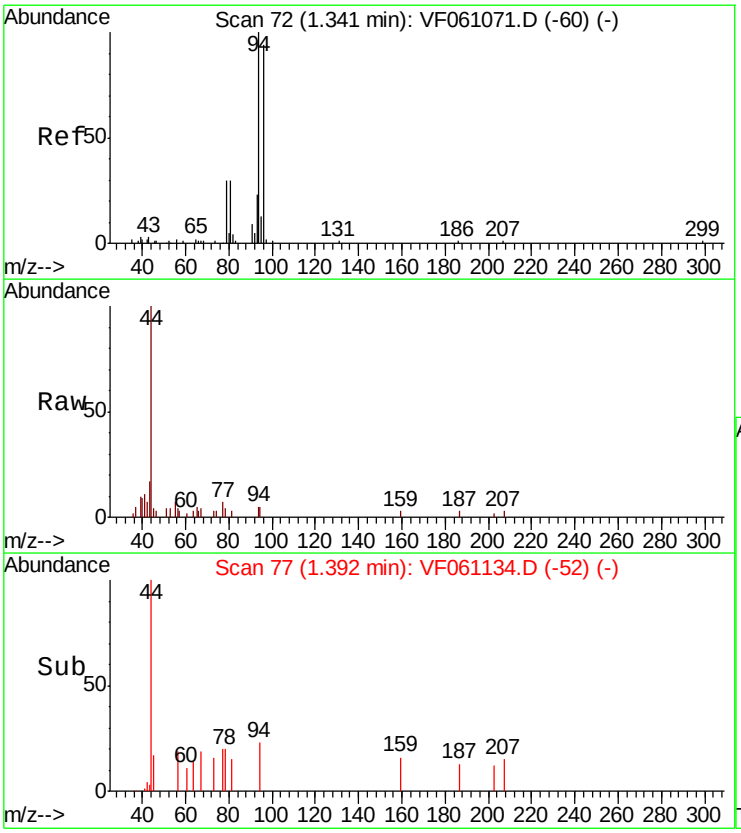

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.91 min Scan# 434
Delta R.T. 0.04 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion:168 Resp: 62286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 66.3 | 54.4 | 81.6 |

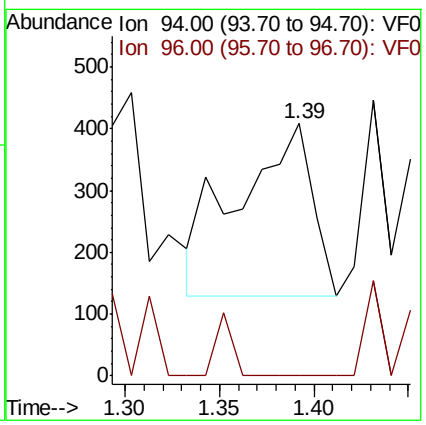


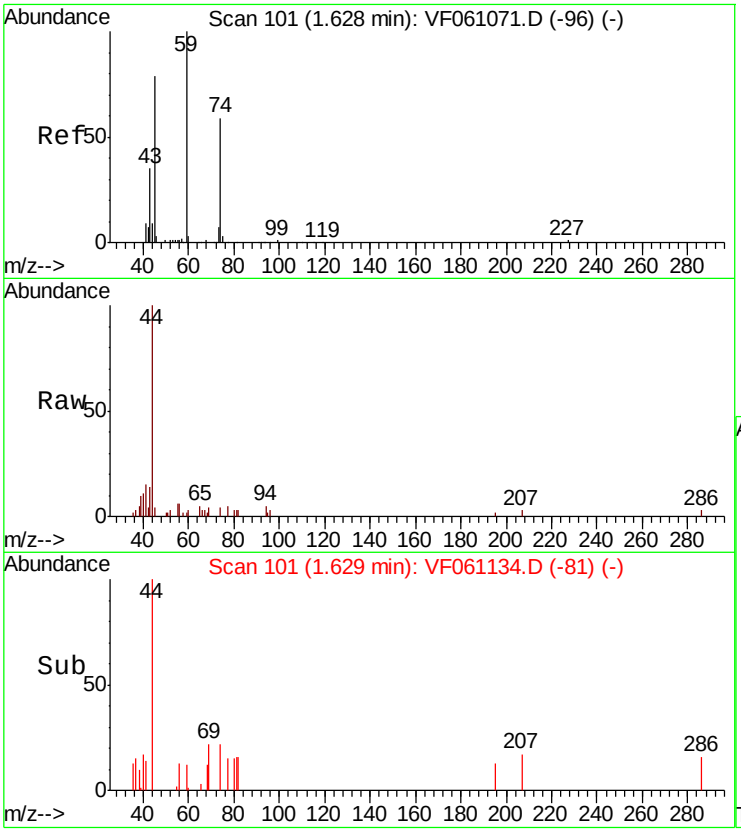




#5
Bromomethane
Concen: 1.501 ug/l
RT: 1.39 min Scan# 77
Delta R.T. 0.05 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion: 94 Resp: 766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 0.0 | 74.4 | 111.6# |



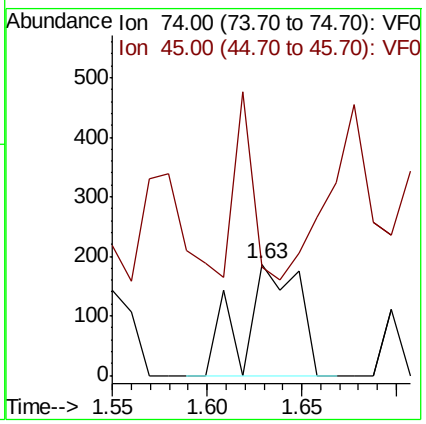


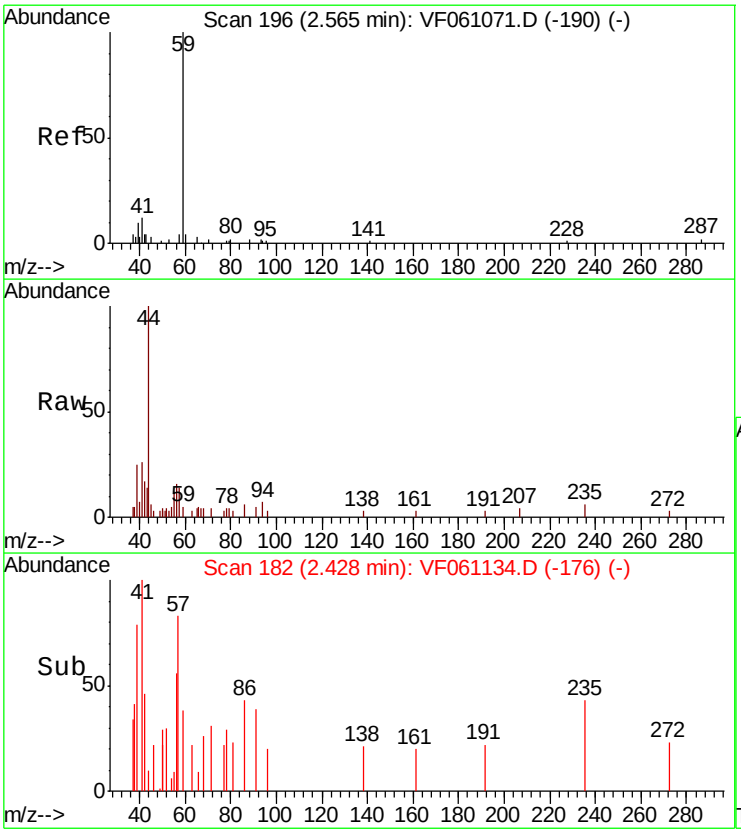

#8
Diethyl Ether
Concen: 1.991 ug/l
RT: 1.63 min Scan# 101
Delta R.T. 0.00 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion: 74 Resp: 383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 96.8 | 67.8 | 203.4 |

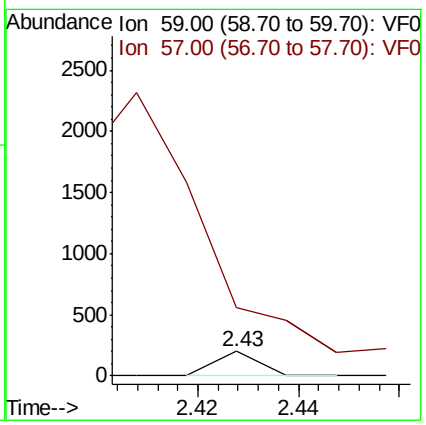


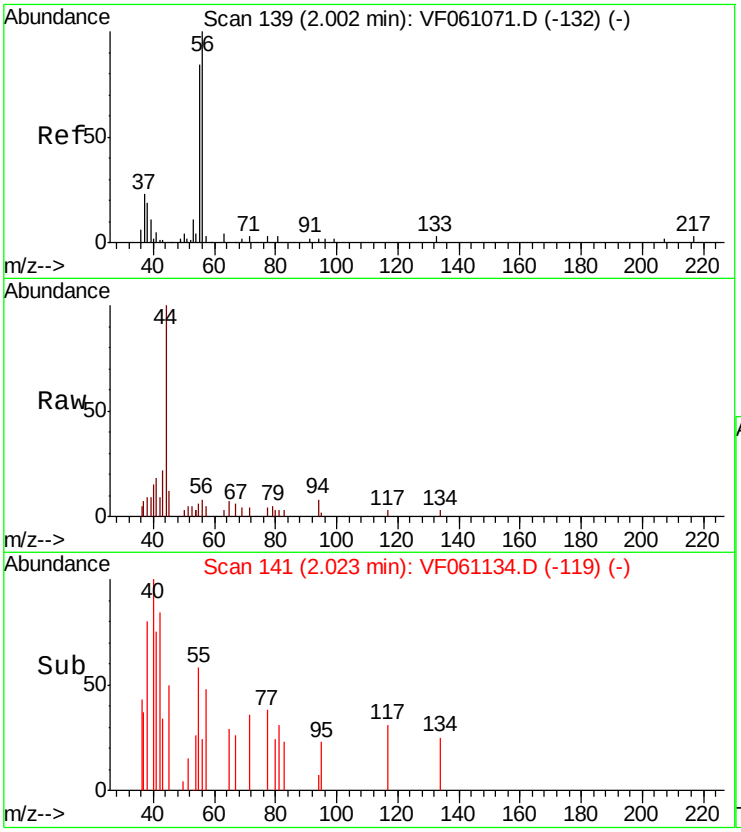




#11
Tert butyl alcohol
Concen: 3.681 ug/l
RT: 2.43 min Scan# 182
Delta R.T. -0.14 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion: 59 Resp: 119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 280.6 | 11.5 | 17.3# |



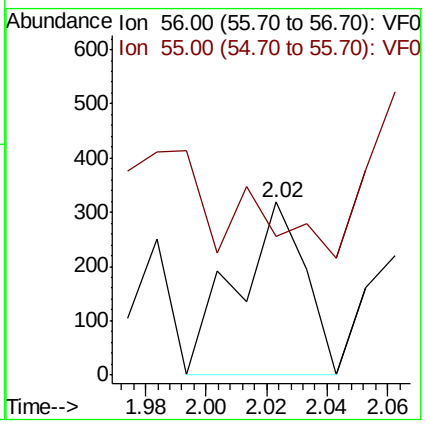


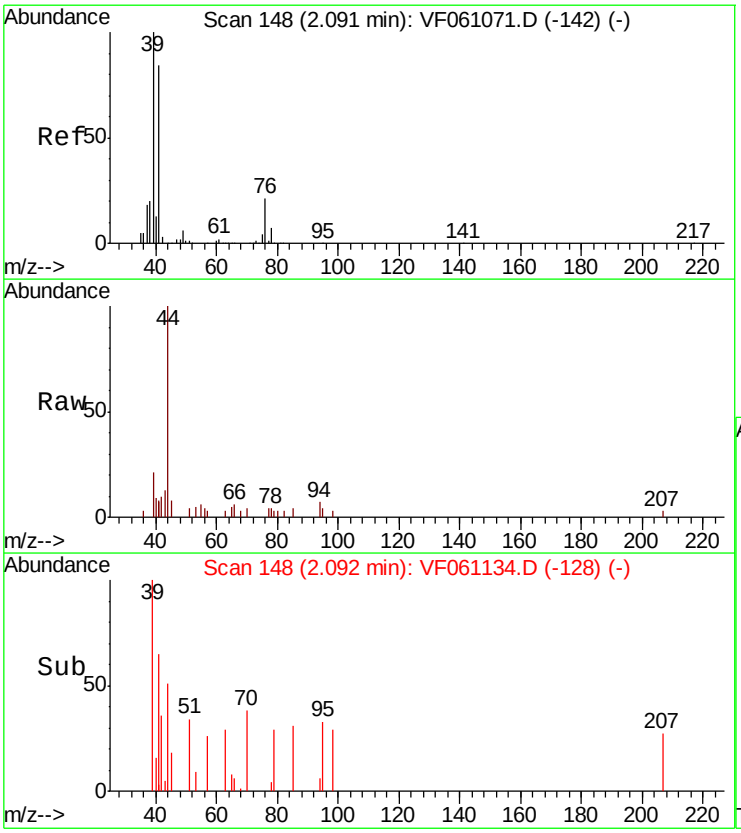

#13
Acrolein
Concen: 21.276 ug/l
RT: 2.02 min Scan# 141
Delta R.T. 0.02 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion: 56 Resp: 497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 79.9 | 70.2 | 105.2 |

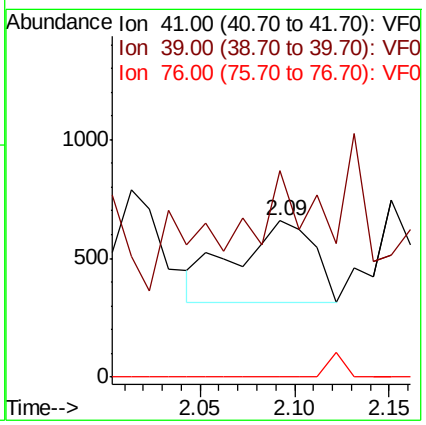


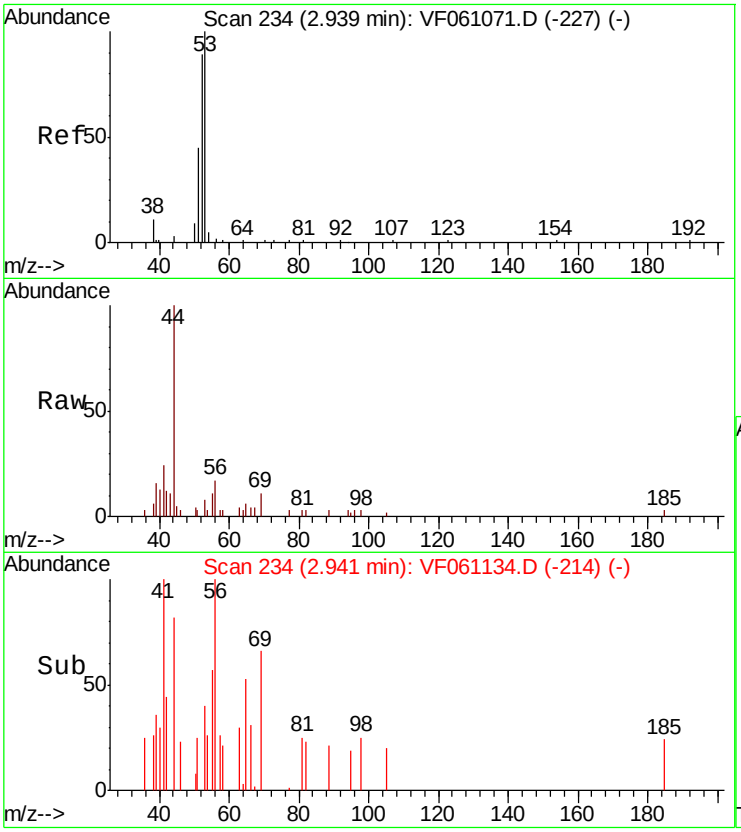




#14
Allyl chloride
Concen: 1.733 ug/l
RT: 2.09 min Scan# 148
Delta R.T. 0.00 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion: 41 Resp: 990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 132.6 | 96.4 | 144.6 |
| 76 | 0.0 | 25.4 | 38.0# |



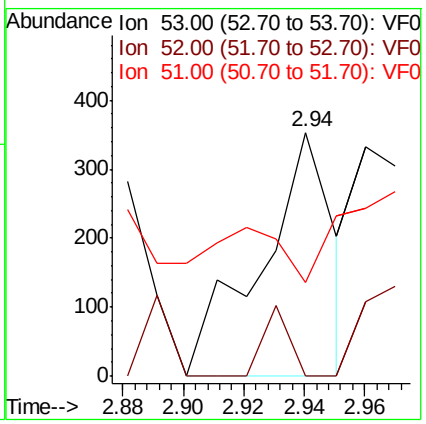


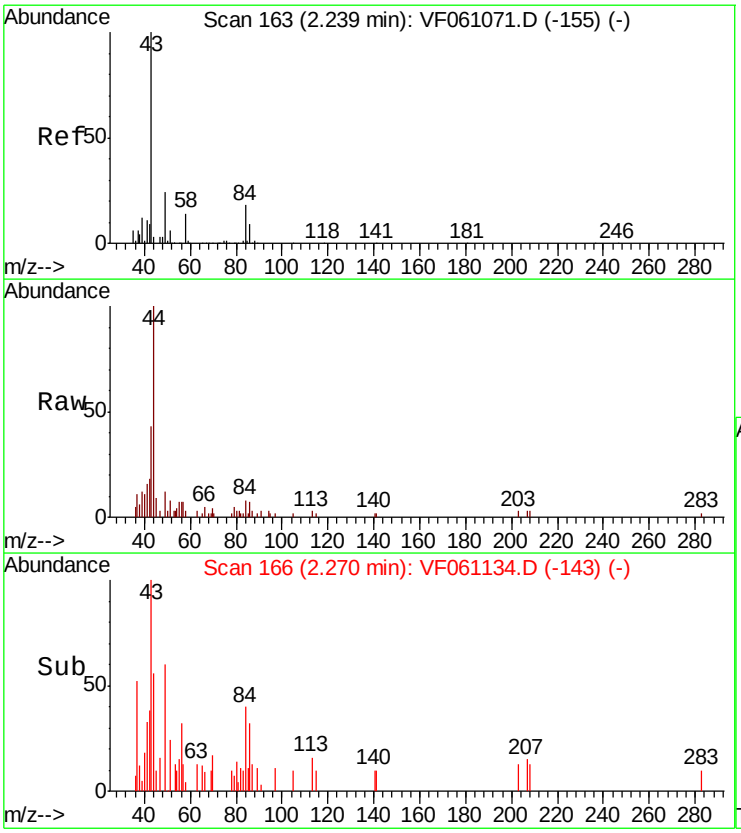

#15
Acrylonitrile
Concen: 7.866 ug/l
RT: 2.94 min Scan# 234
Delta R.T. 0.00 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion: 53 Resp: 588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 0.0 | 71.3 | 106.9# |
| 51 | 38.5 | 36.8 | 55.2 |

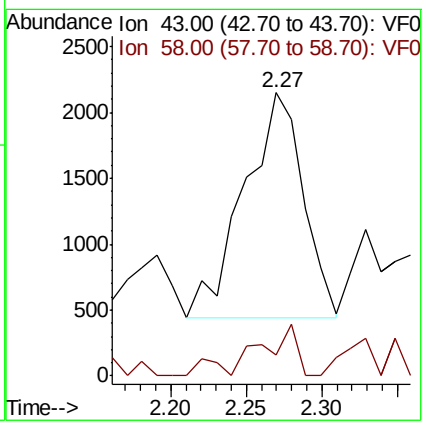


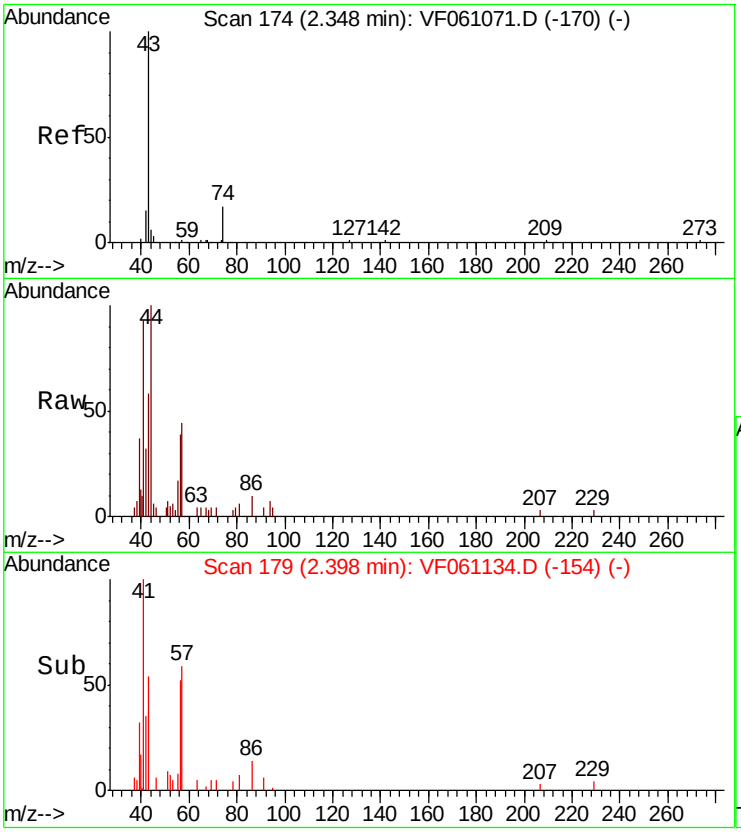




#16
Acetone
Concen: 28.979 ug/l
RT: 2.27 min Scan# 166
Delta R.T. 0.03 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion: 43 Resp: 4641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 7.2 | 11.1 | 16.7# |



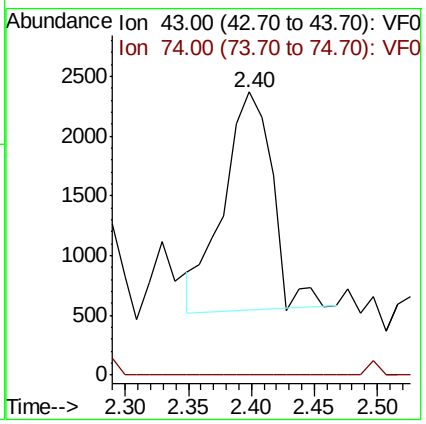


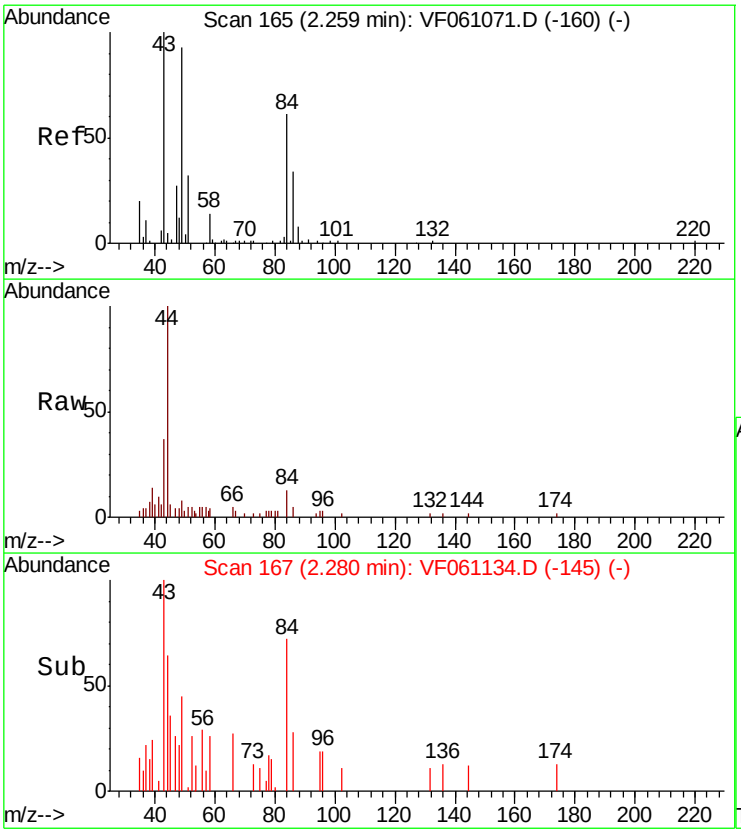

#18
Methyl Acetate
Concen: 14.662 ug/l
RT: 2.40 min Scan# 179
Delta R.T. 0.05 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** P001-SD005-0006-01RE

Tgt Ion: 43 Resp: 4858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 11.0 | 16.6# |

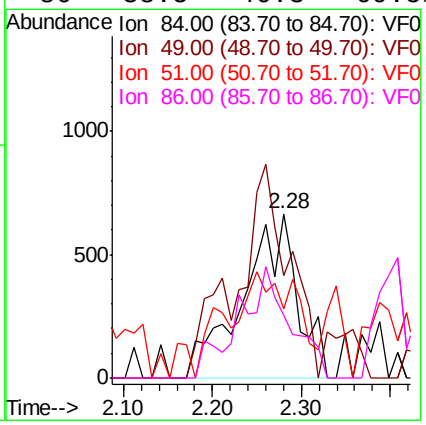


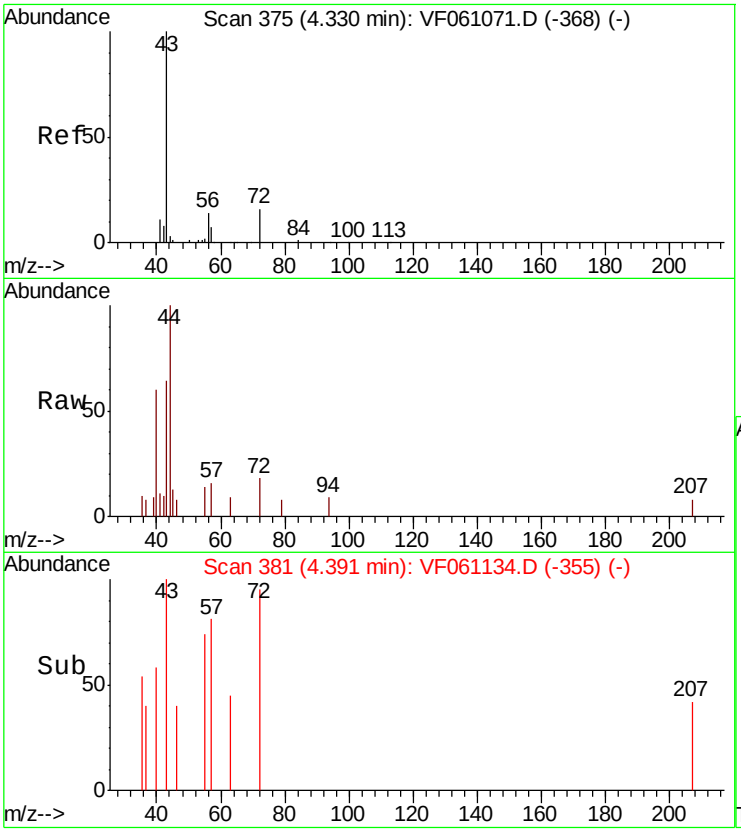




#20
Methylene Chloride
Concen: 1.106 ug/l
RT: 2.28 min Scan# 167
Delta R.T. 0.02 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion: 84 Resp: 2814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 62.1 | 129.4 | 194.2# |
| 51 | 42.1 | 44.0 | 66.0# |
| 86 | 38.5 | 46.3 | 69.5# |



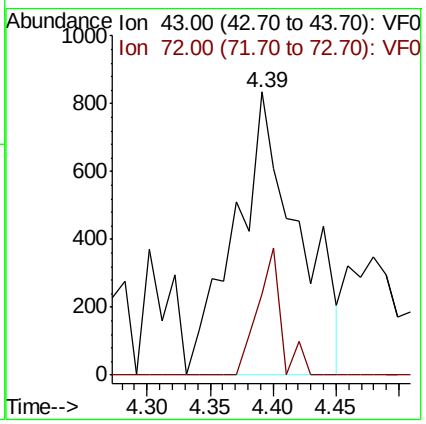


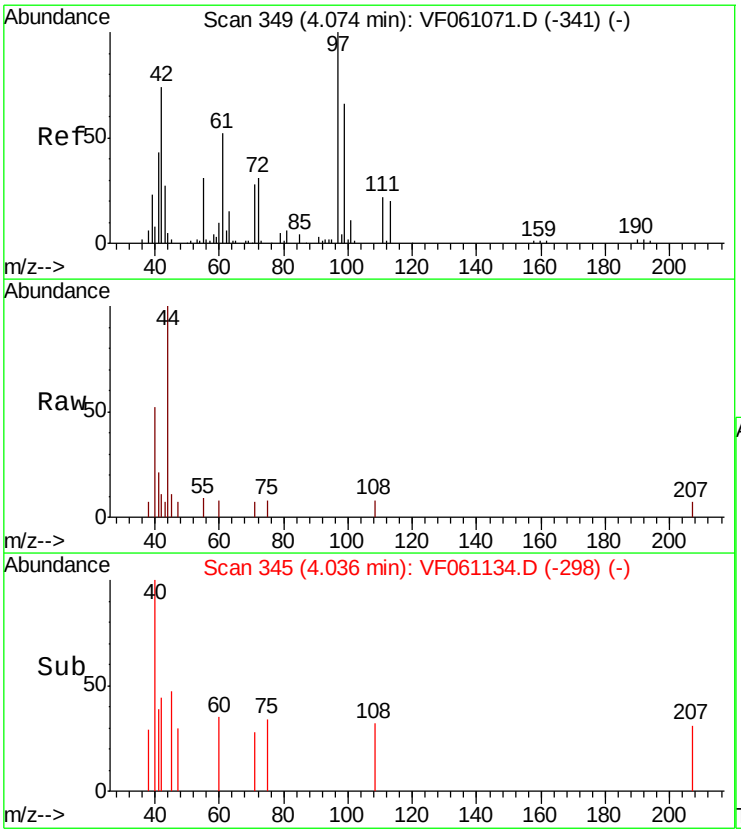

#25
2-Butanone
Concen: 11.165 ug/l
RT: 4.39 min Scan# 381
Delta R.T. 0.06 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion: 43 Resp: 2900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.7 | 15.6 | 23.4# |

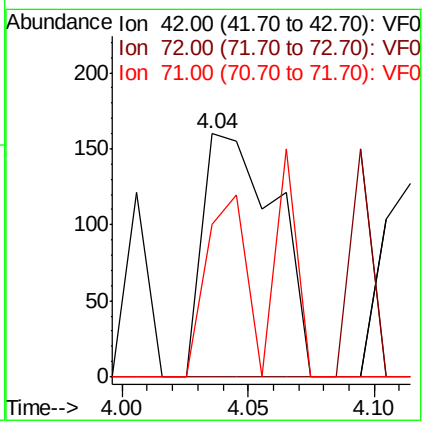


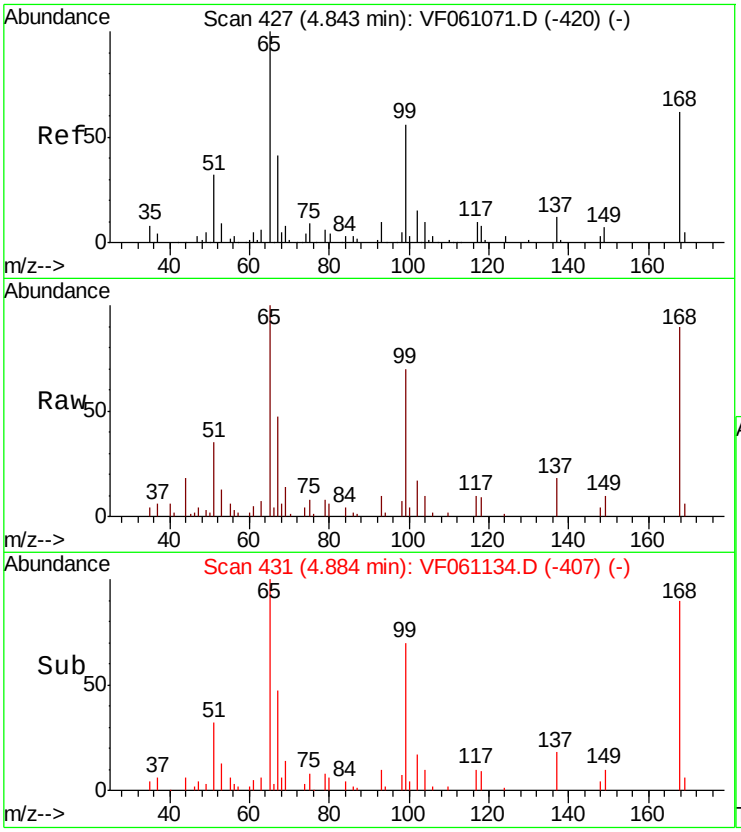




#29
Tetrahydrofuran
Concen: 3.055 ug/l
RT: 4.04 min Scan# 345
Delta R.T. -0.04 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion: 42 Resp: 323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 0.0 | 31.8 | 47.8# |
| 71 | 40.2 | 29.7 | 44.5 |



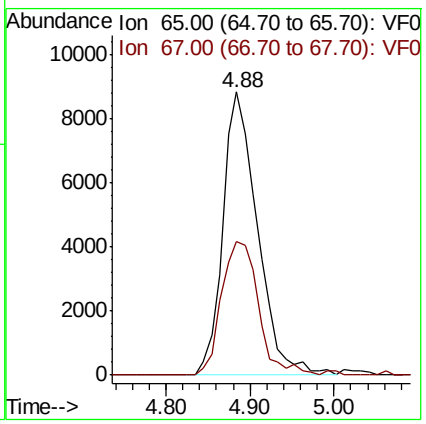


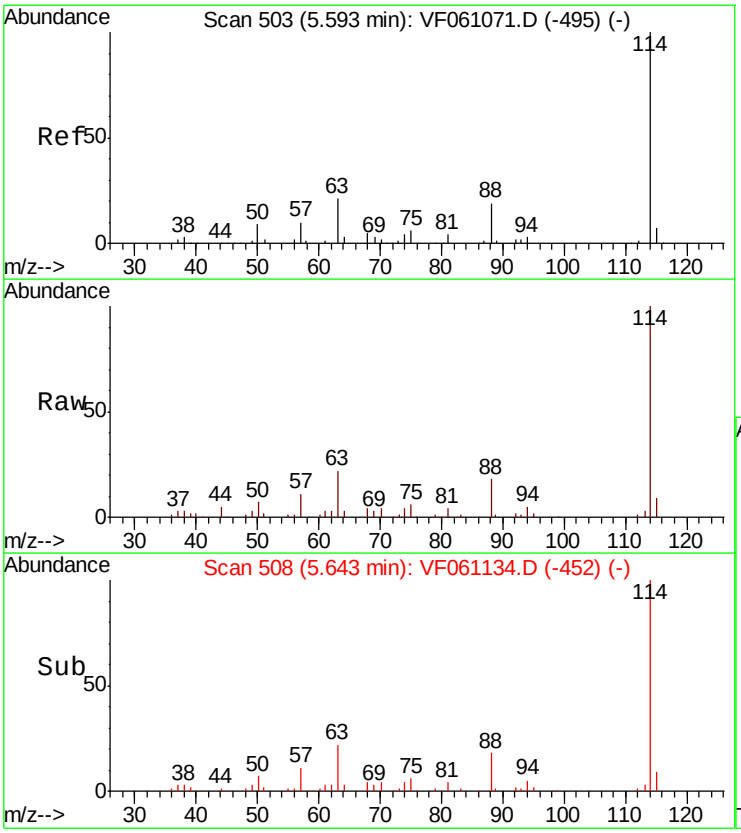

#33
1,2-Dichloroethane-d4
Concen: 31.424 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.04 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion: 65 Resp: 25174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 47.3 | 0.0 | 94.6 |

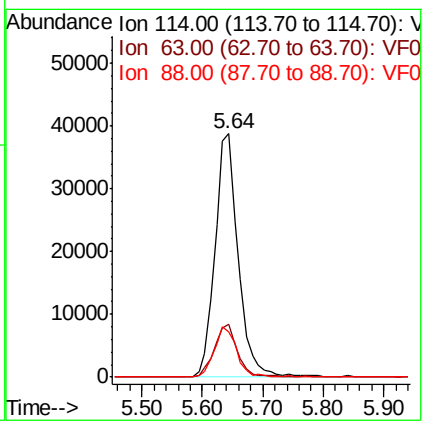


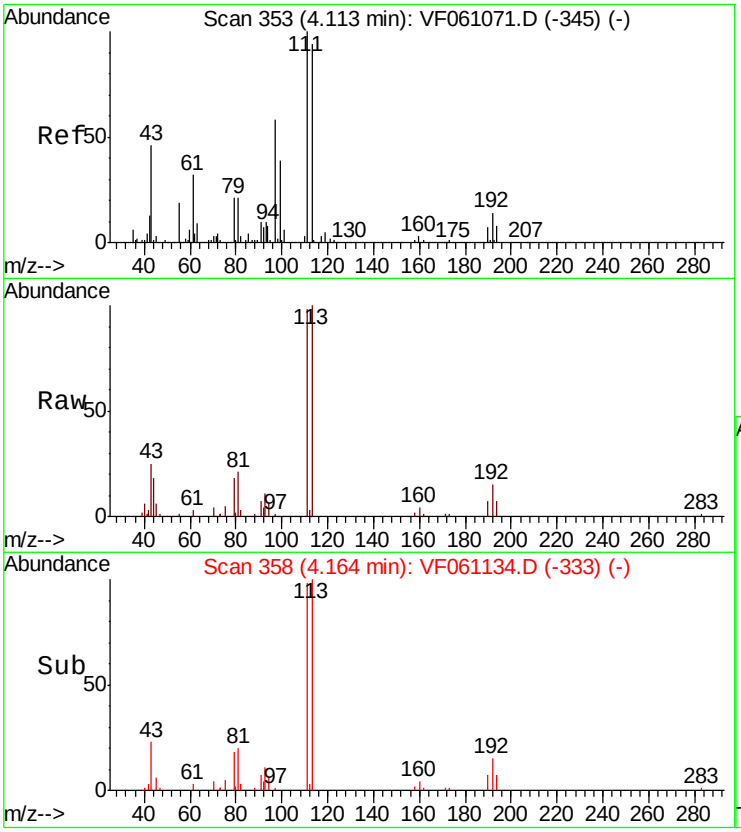




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 508
Delta R.T. 0.05 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion:114 Resp: 103055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.8 | 0.0 | 41.6 |
| 88 | 18.4 | 0.0 | 38.0 |



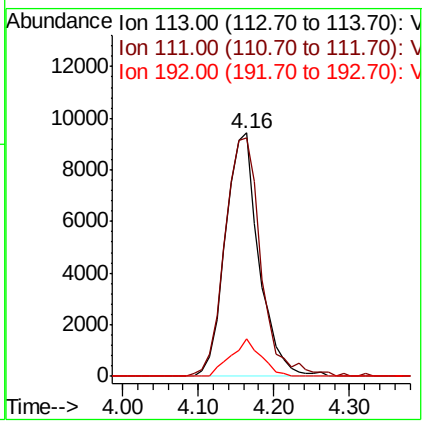


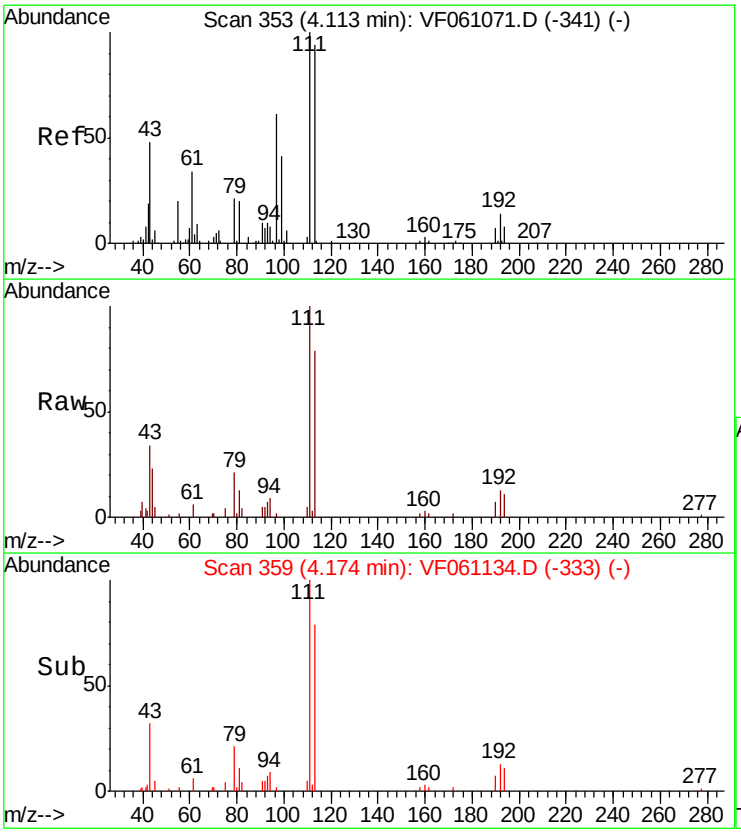

#35
Dibromofluoromethane
Concen: 34.959 ug/l
RT: 4.16 min Scan# 358
Delta R.T. 0.05 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion:113 Resp: 28860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 98.1 | 85.2 | 127.8 |
| 192 | 15.3 | 12.8 | 19.2 |

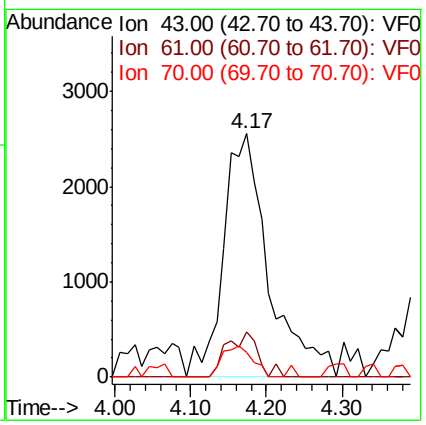


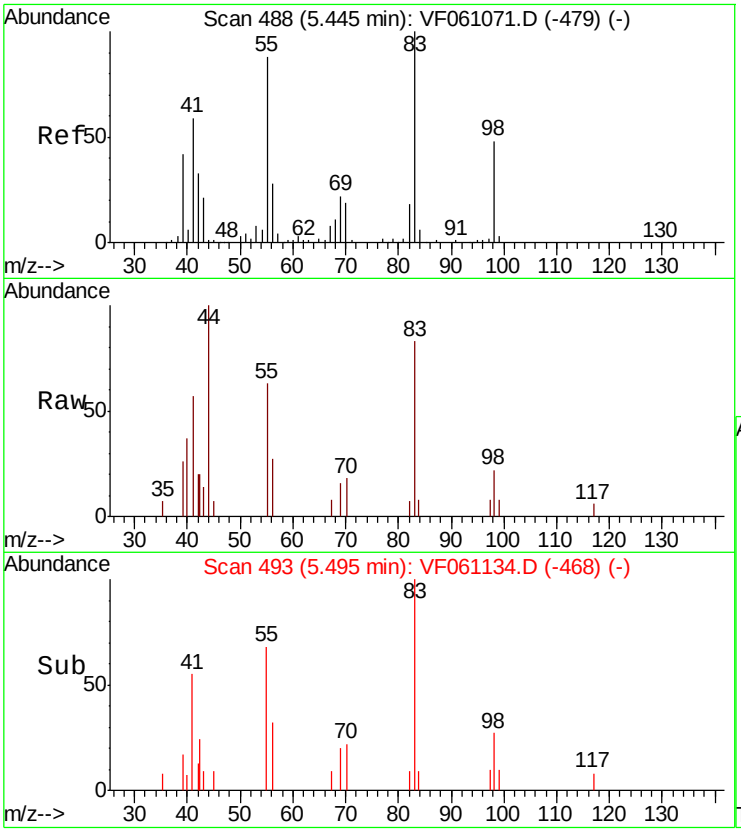




#37
Ethyl Acetate
Concen: 19.686 ug/l
RT: 4.17 min Scan# 359
Delta R.T. 0.06 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion: 43 Resp: 10573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.7 | 56.6 | 84.8# |
| 70 | 10.0 | 6.3 | 9.5# |



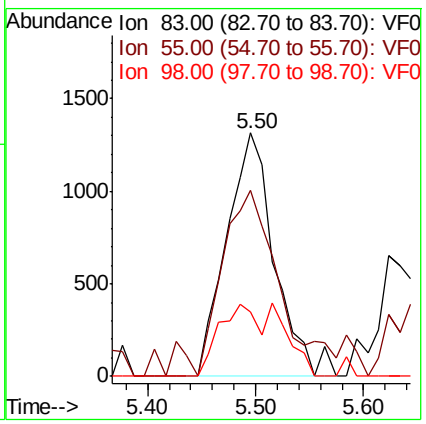


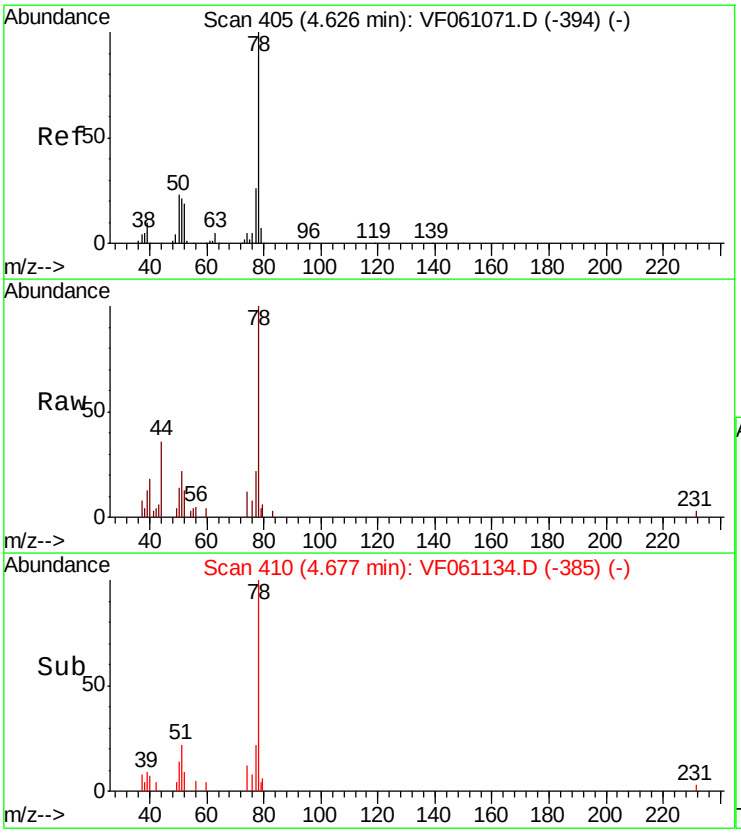

#39
Methylcyclohexane
Concen: 3.647 ug/l
RT: 5.50 min Scan# 493
Delta R.T. 0.05 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion: 83 Resp: 4070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 76.5 | 70.6 | 105.8 |
| 98 | 26.5 | 38.5 | 57.7# |

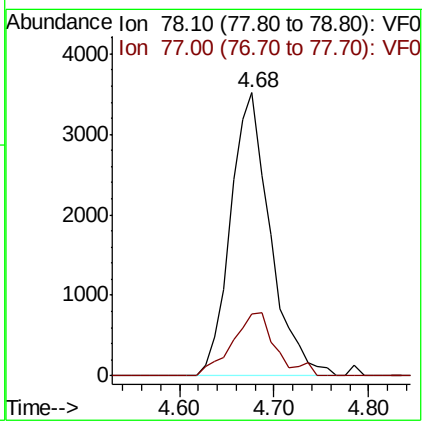


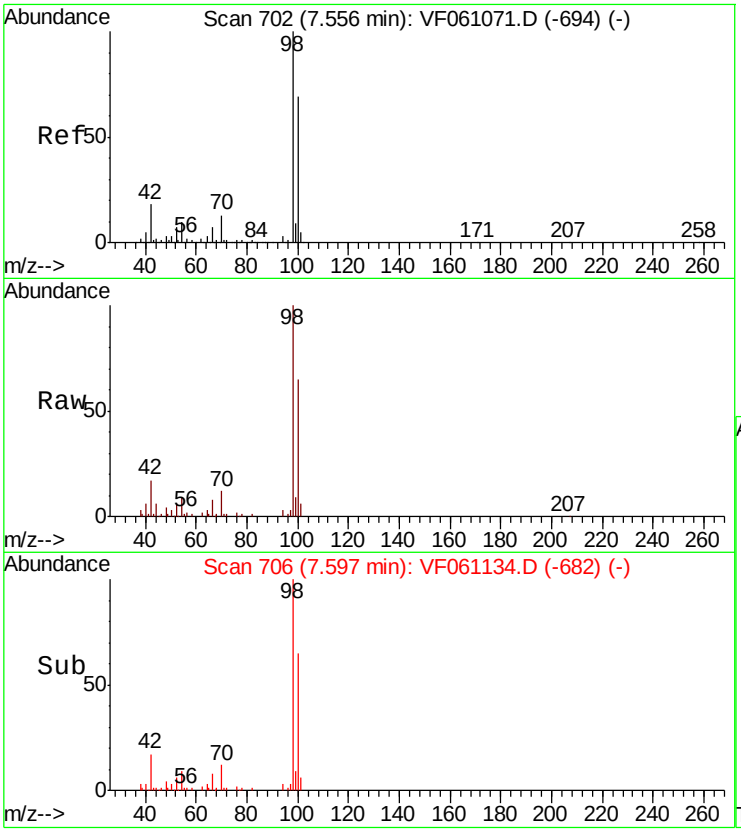




#40
Benzene
Concen: 3.821 ug/l
RT: 4.68 min Scan# 410
Delta R.T. 0.05 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion: 78 Resp: 10221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.0 | 20.7 | 31.1 |



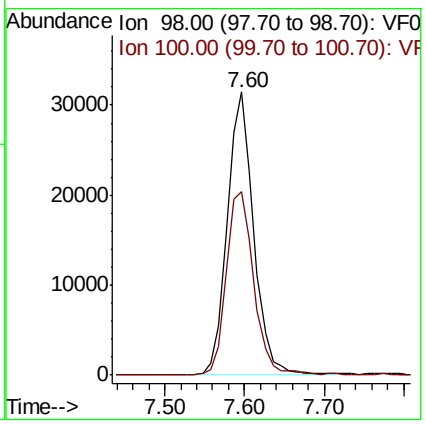


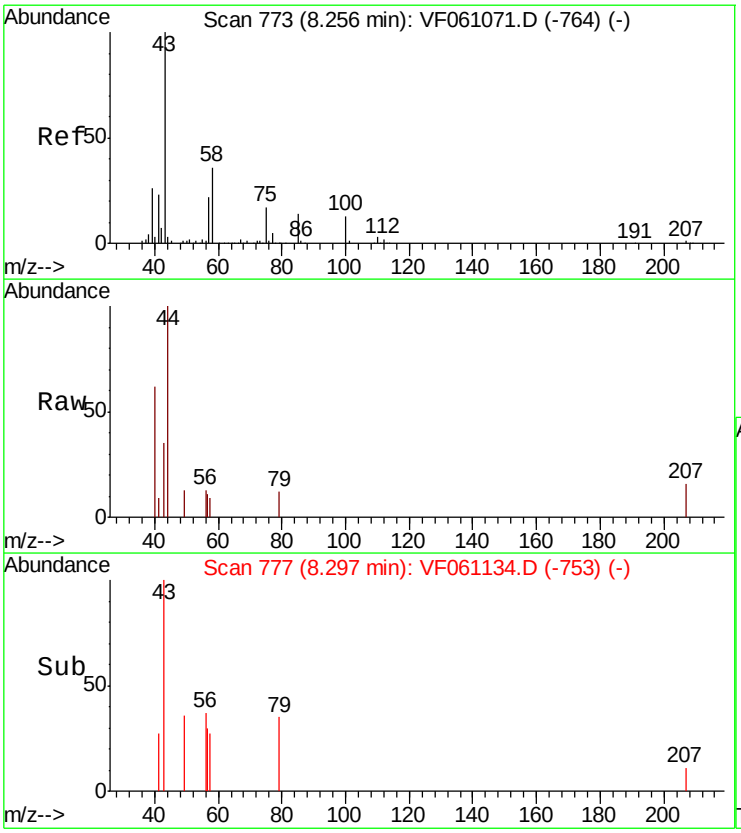

#50
Toluene-d8
Concen: 31.382 ug/l
RT: 7.60 min Scan# 706
Delta R.T. 0.04 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion: 98 Resp: 73417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.6 | 55.3 | 82.9 |

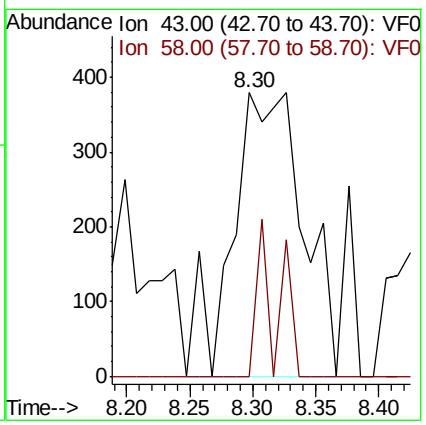


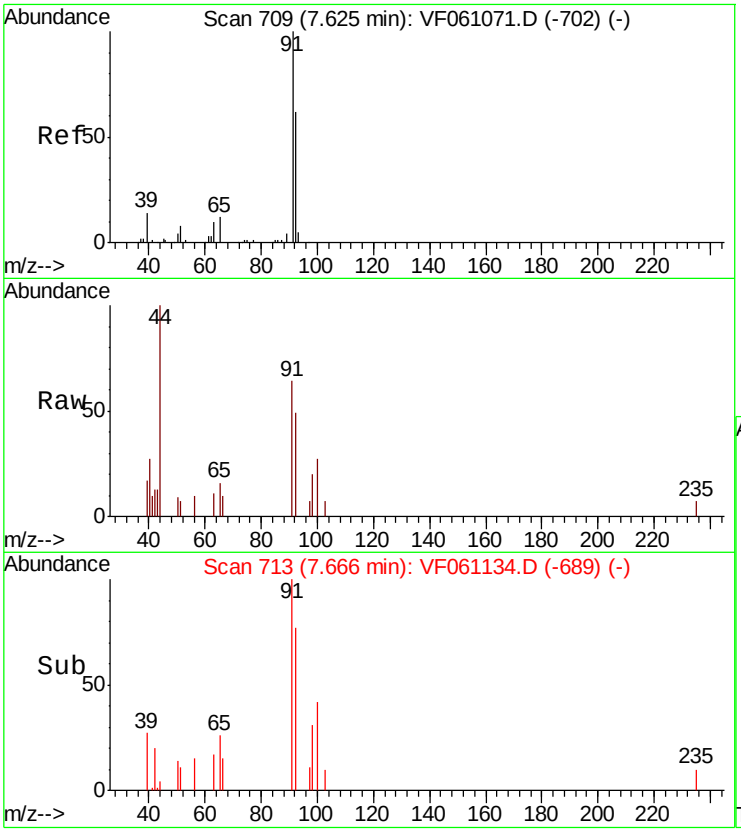




#51
4-Methyl-2-Pentanone
Concen: 3.620 ug/l
RT: 8.30 min Scan# 777
Delta R.T. 0.04 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion: 43 Resp: 1491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 29.1 | 43.7# |



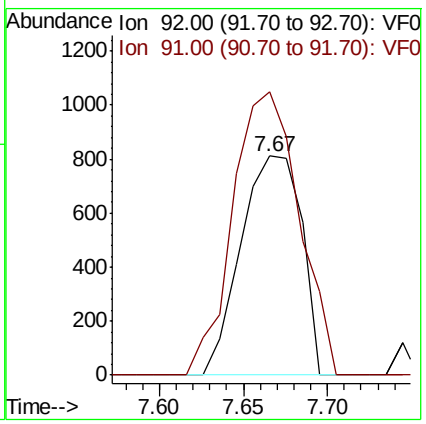


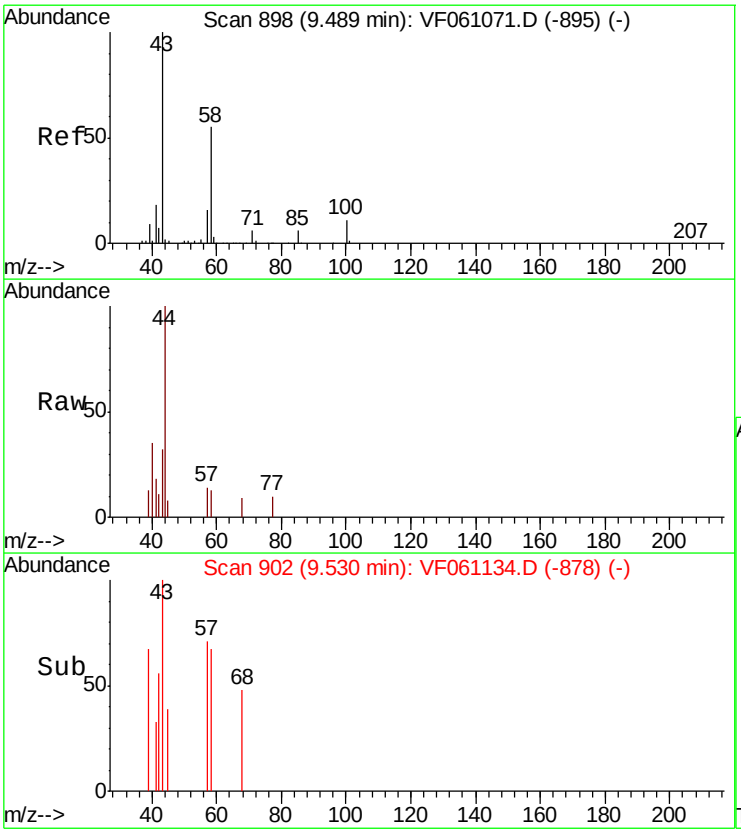

#52
Toluene
Concen: 1.144 ug/l
RT: 7.67 min Scan# 713
Delta R.T. 0.04 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion: 92 Resp: 2026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 129.1 | 128.8 | 193.2 |

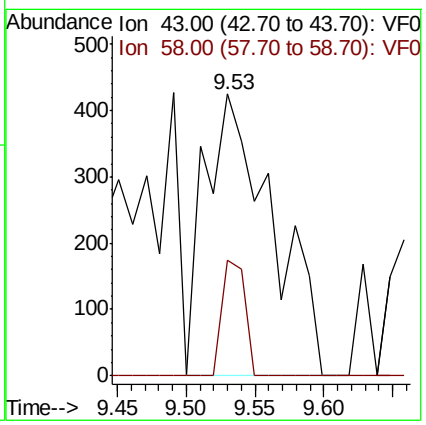


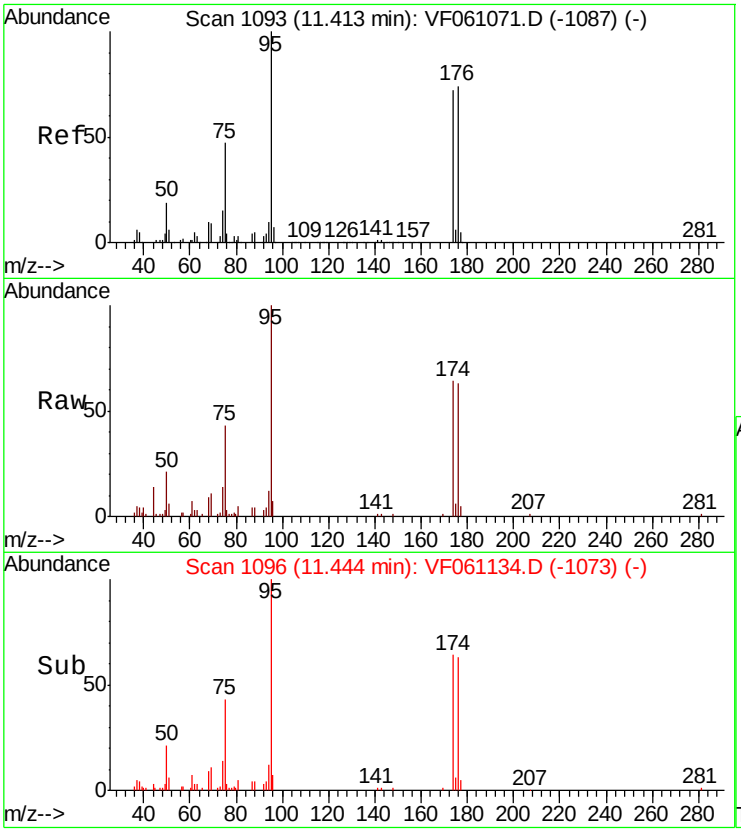




#59
2-Hexanone
Concen: 4.888 ug/l
RT: 9.53 min Scan# 902
Delta R.T. 0.04 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion: 43 Resp: 1456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.9 | 25.1 | 75.2 |



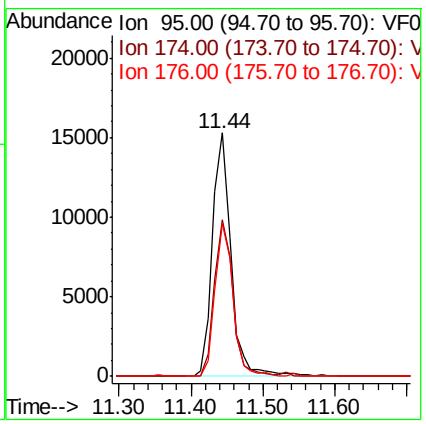


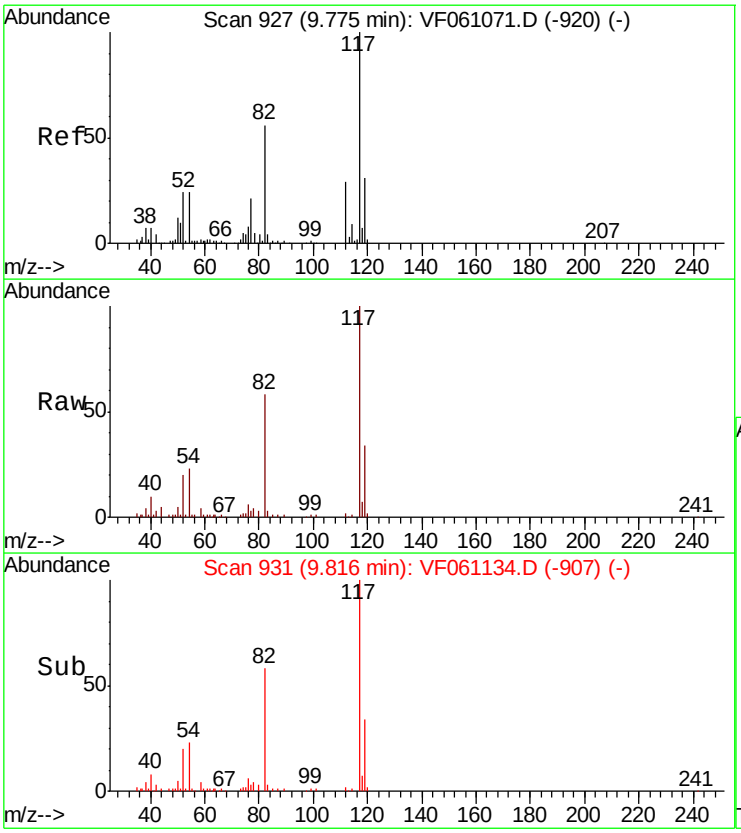

#62
4-Bromofluorobenzene
Concen: 25.172 ug/l
RT: 11.44 min Scan# 1096
Delta R.T. 0.03 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion: 95 Resp: 27149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 64.4 | 0.0 | 143.8 |
| 176 | 62.9 | 0.0 | 147.6 |

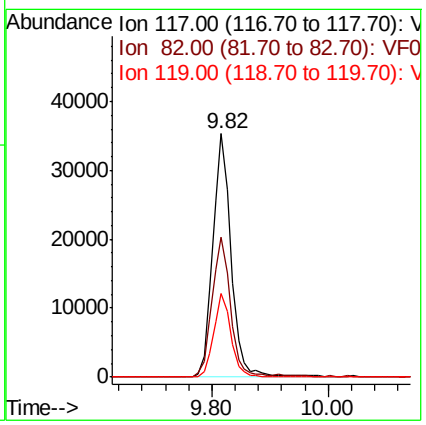


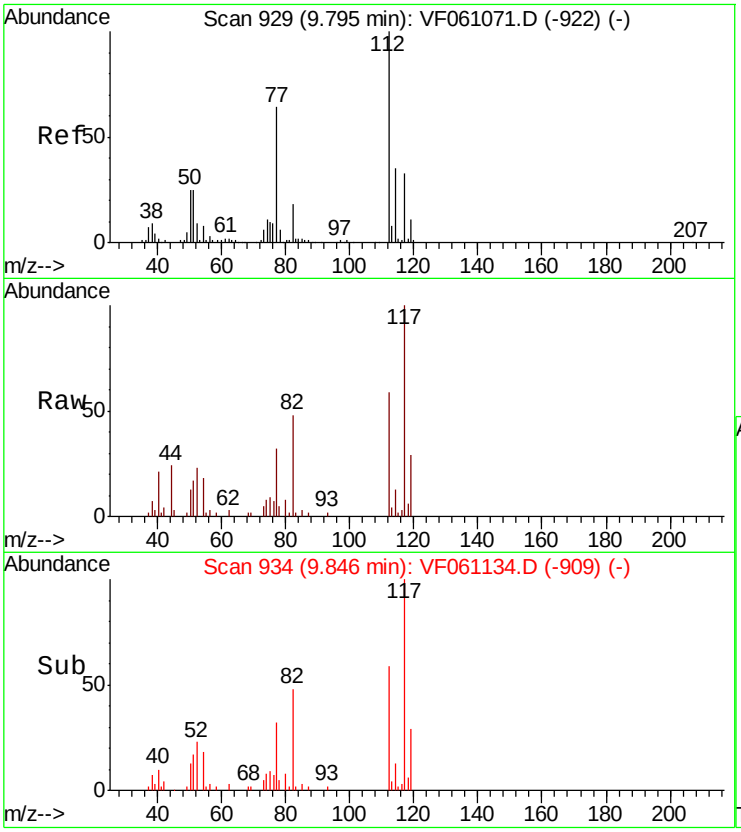




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.82 min Scan# 931
Delta R.T. 0.04 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion:117 Resp: 77075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.7 | 45.0 | 67.4 |
| 119 | 34.3 | 24.8 | 37.2 |



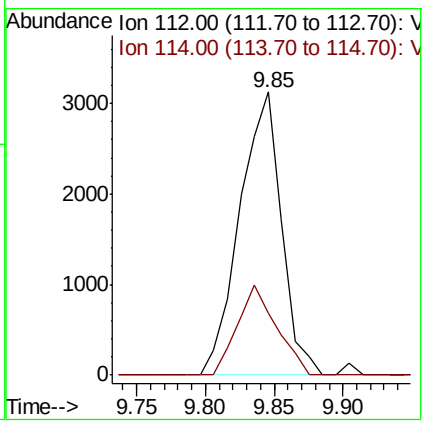


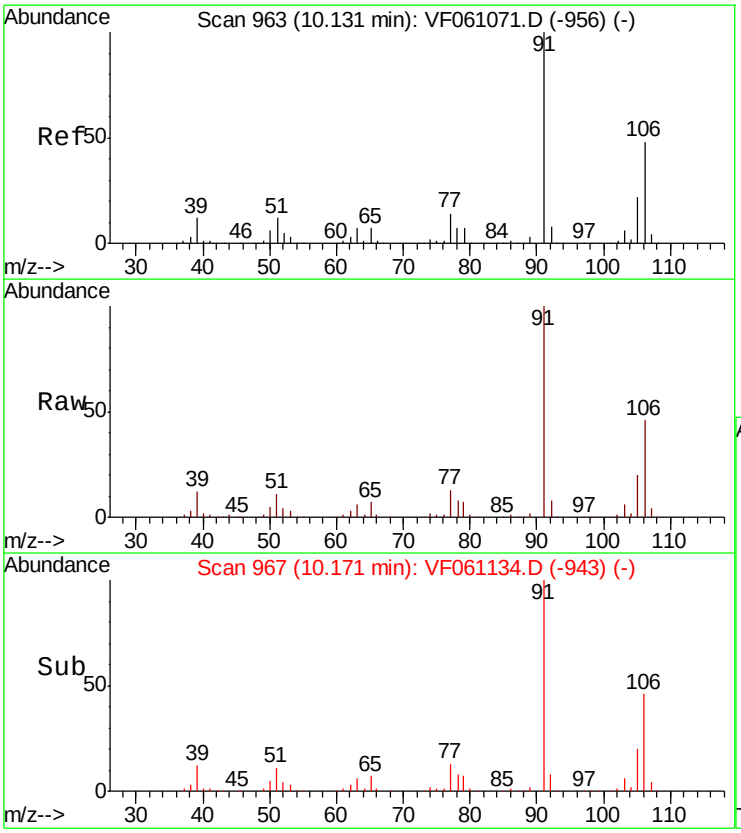

#65
Chlorobenzene
Concen: 4.148 ug/l
RT: 9.85 min Scan# 934
Delta R.T. 0.05 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion:112 Resp: 6605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 21.7 | 27.8 | 41.6# |

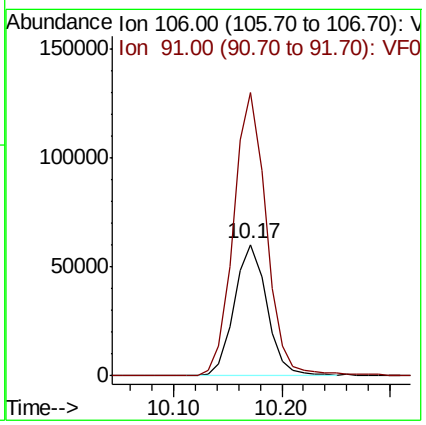


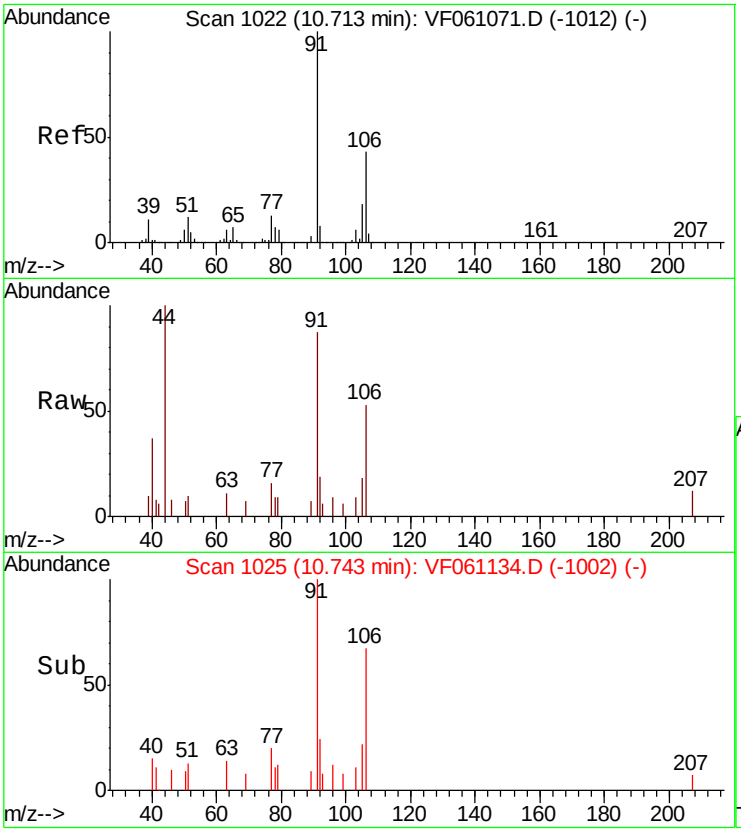




#68
m/p-Xylenes
Concen: 124.895 ug/l
RT: 10.17 min Scan# 967
Delta R.T. 0.04 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion:106 Resp: 127500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 215.9 | 168.2 | 252.2 |



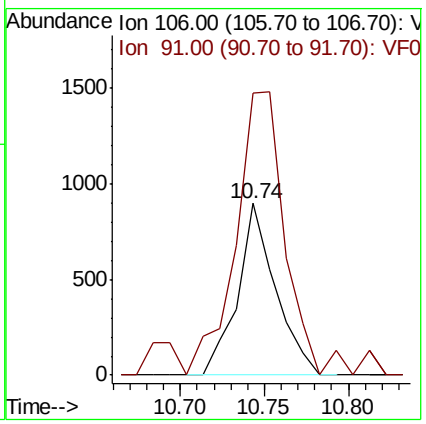


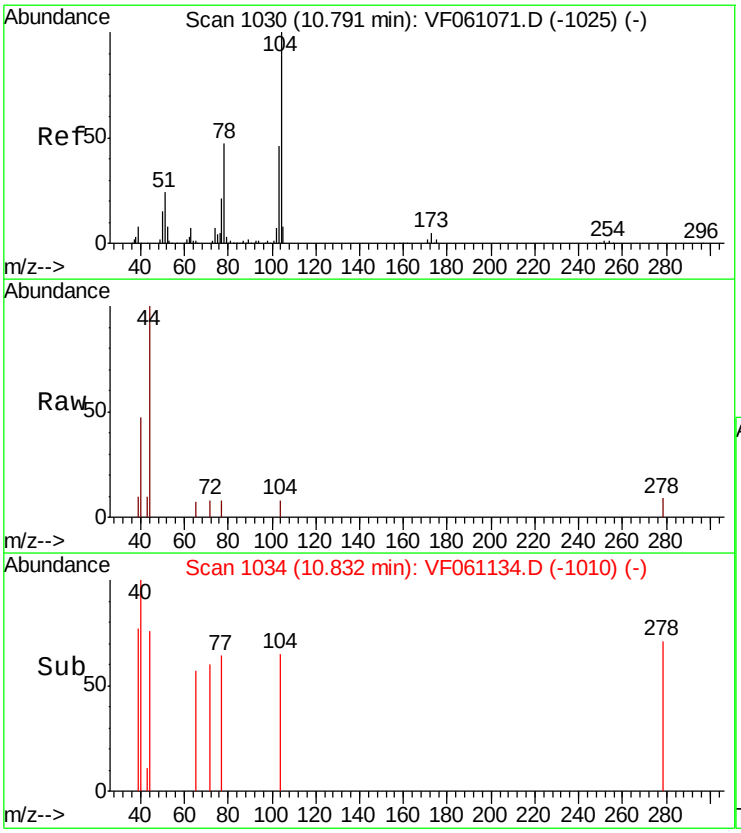

#69
o-Xylene
Concen: 1.241 ug/l
RT: 10.74 min Scan# 1025
Delta R.T. 0.03 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion:106 Resp: 1405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 164.7 | 115.9 | 347.7 |

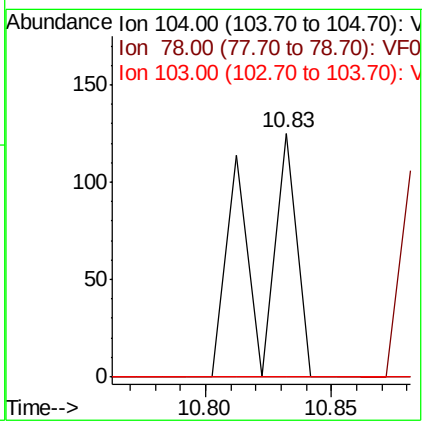


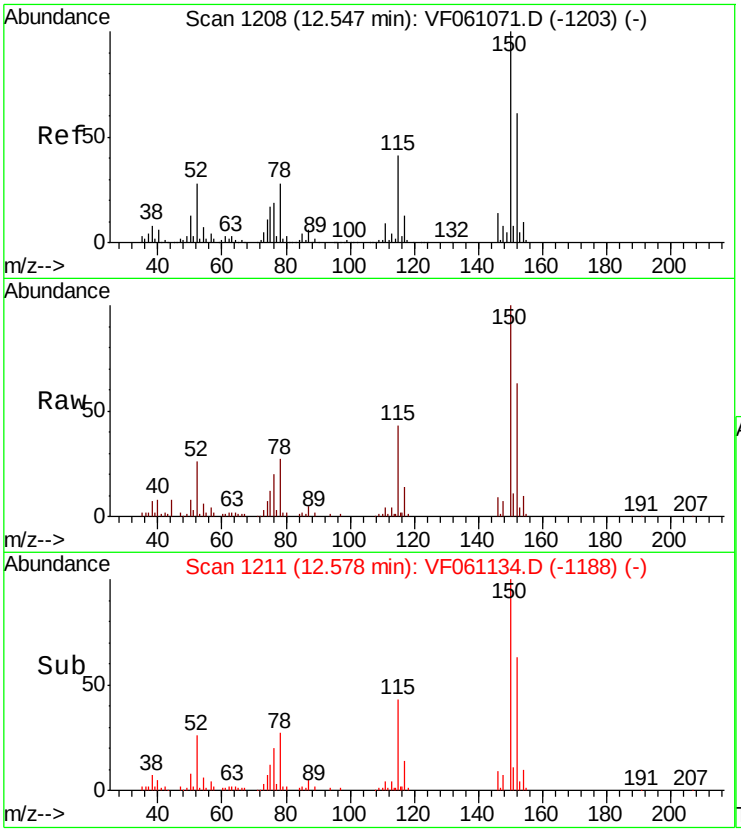




#70
Styrene
Concen: Below Cal
RT: 10.83 min Scan# 1034
Delta R.T. 0.04 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion:104 Resp: 141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 0.0 | 38.4 | 57.6# |
| 103 | 0.0 | 37.0 | 55.6# |



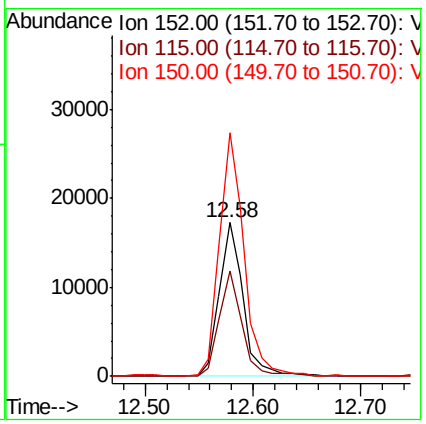


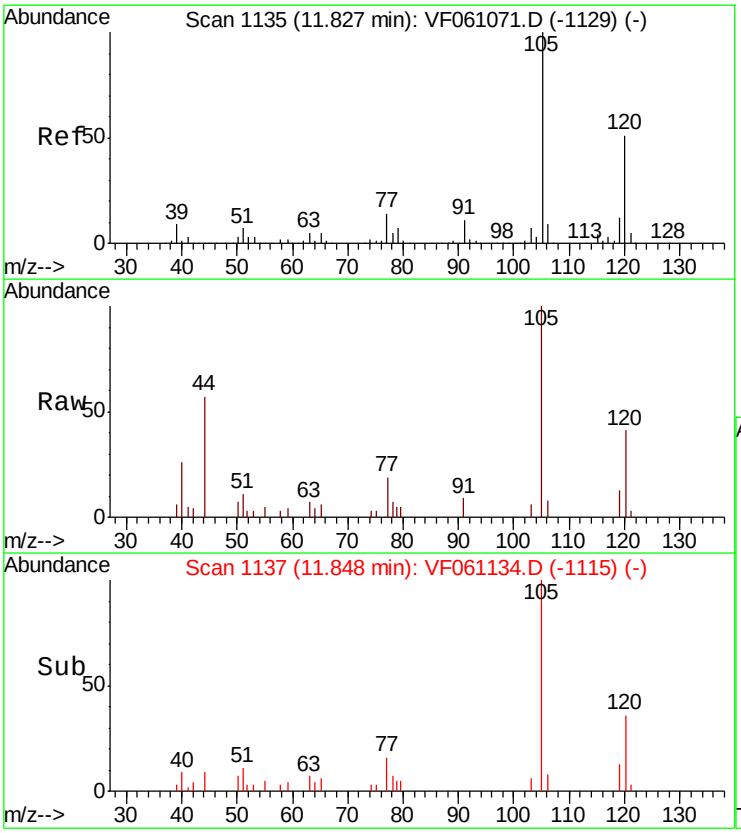

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.58 min Scan# 1211
Delta R.T. 0.03 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion:152 Resp: 26515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 68.2 | 33.3 | 99.9 |
| 150 | 158.3 | 0.0 | 328.2 |

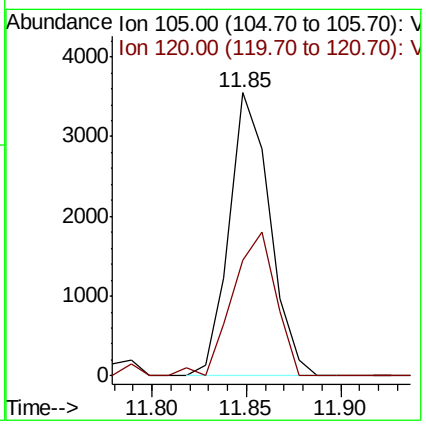


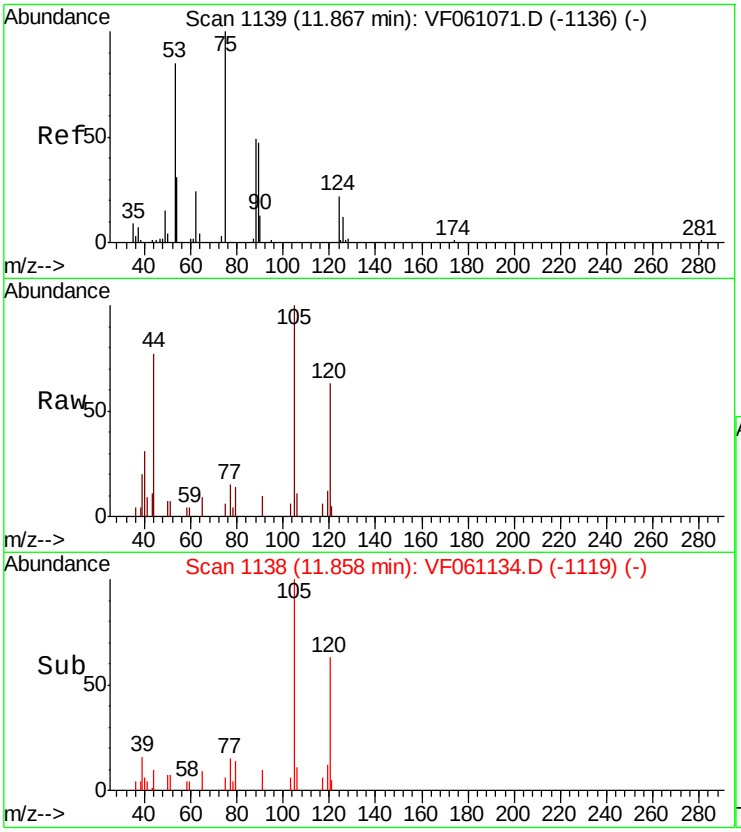




#80
1,3,5-Trimethylbenzene
Concen: 2.809 ug/l
RT: 11.85 min Scan# 1137
Delta R.T. 0.02 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion:105 Resp: 5285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 41.0 | 25.4 | 76.4 |



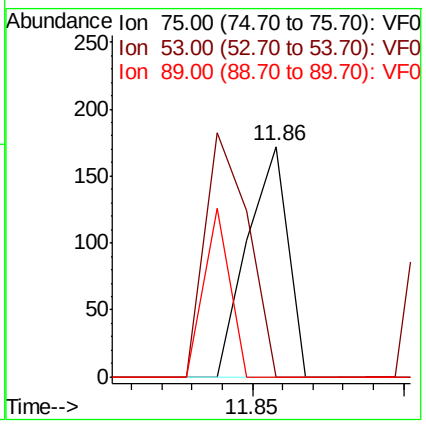


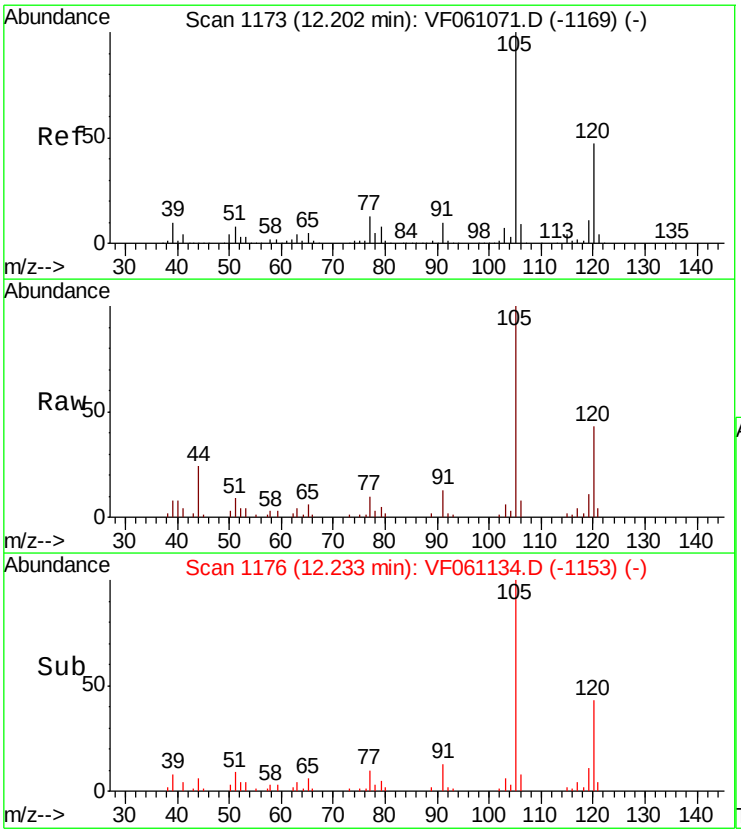

#81
trans-1,4-Dichloro-2-butene
Concen: 1.336 ug/l
RT: 11.86 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion: 75 Resp: 162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 74.1 | 111.1# |
| 89 | 0.0 | 42.6 | 64.0# |

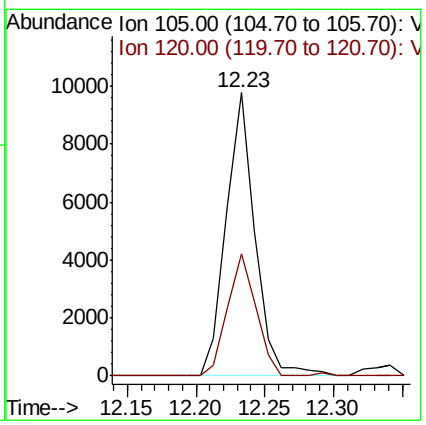


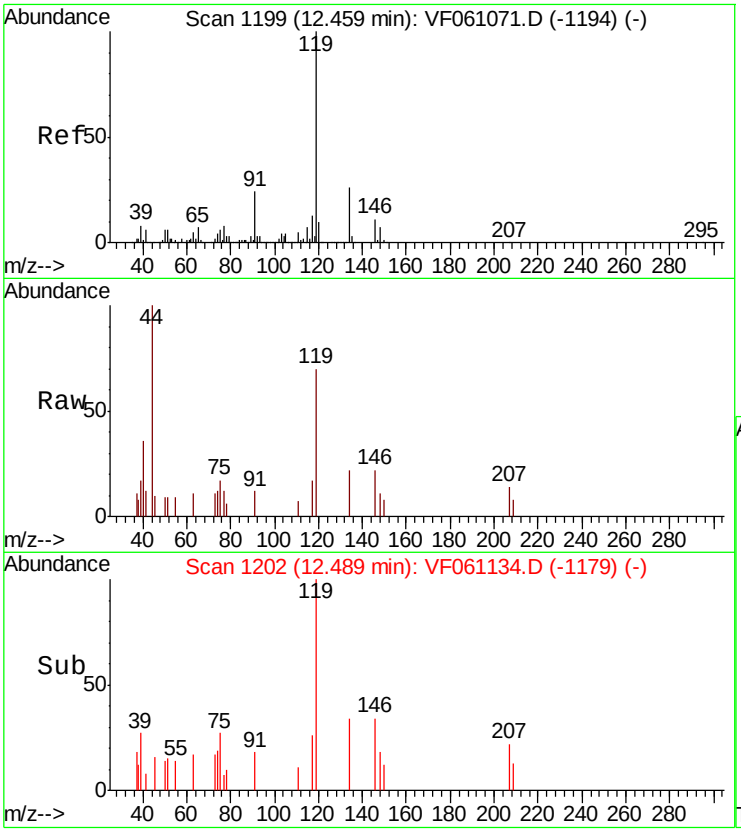




#84
1,2,4-Trimethylbenzene
Concen: 7.616 ug/l
RT: 12.23 min Scan# 1176
Delta R.T. 0.03 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion:105 Resp: 14290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.2 | 23.6 | 71.0 |



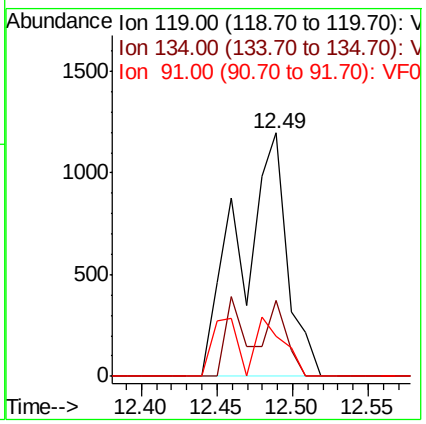


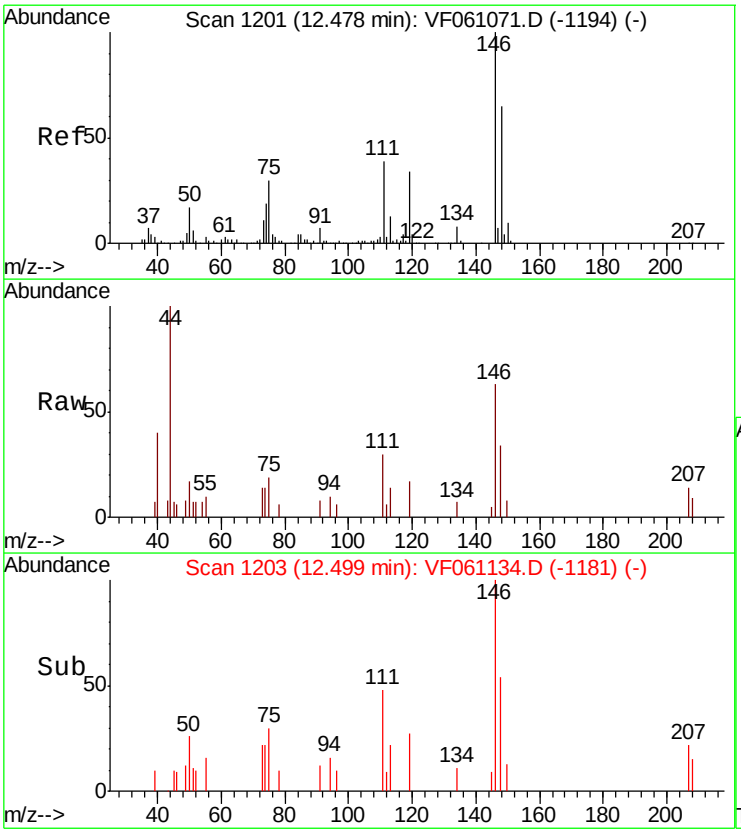

#86
p-Isopropyltoluene
Concen: 1.238 ug/l
RT: 12.49 min Scan# 1202
Delta R.T. 0.03 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion:119 Resp: 2597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 31.1 | 12.8 | 38.4 |
| 91 | 16.6 | 12.2 | 36.6 |

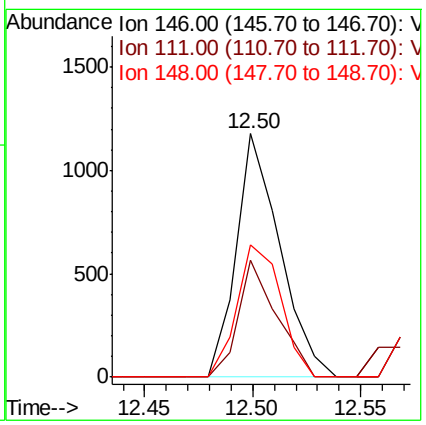


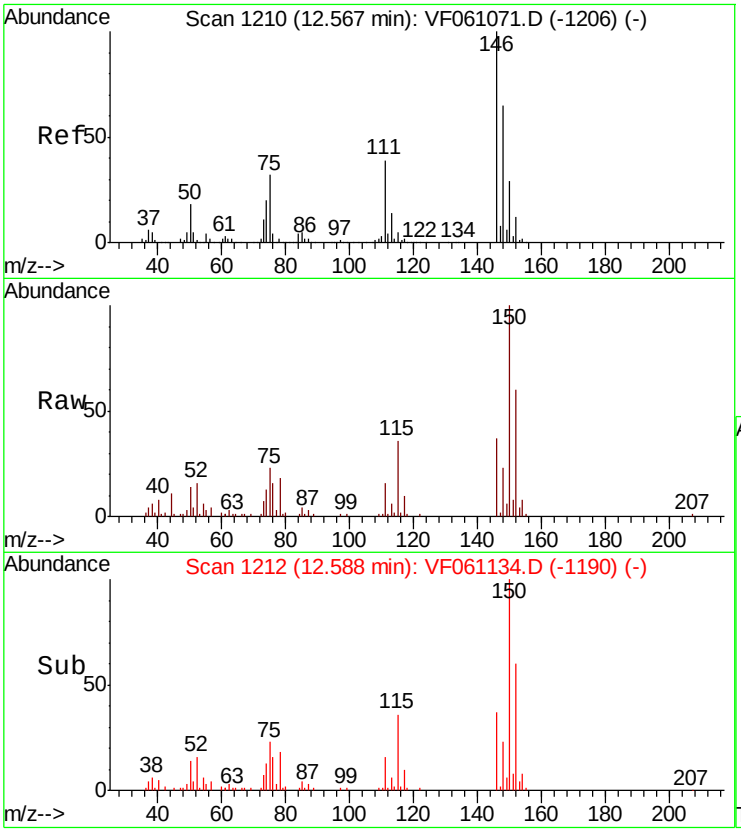




#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.50 min Scan# 1203
Delta R.T. 0.02 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion:146 Resp: 1655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 48.1 | 19.3 | 57.9 |
| 148 | 54.2 | 32.4 | 97.2 |



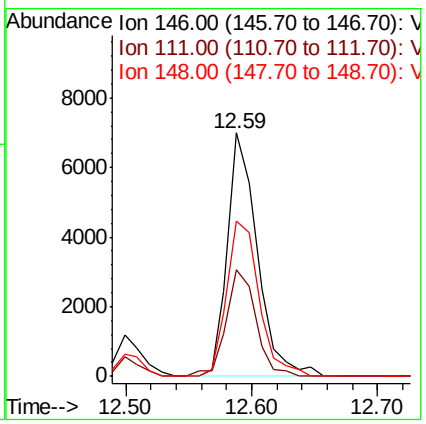


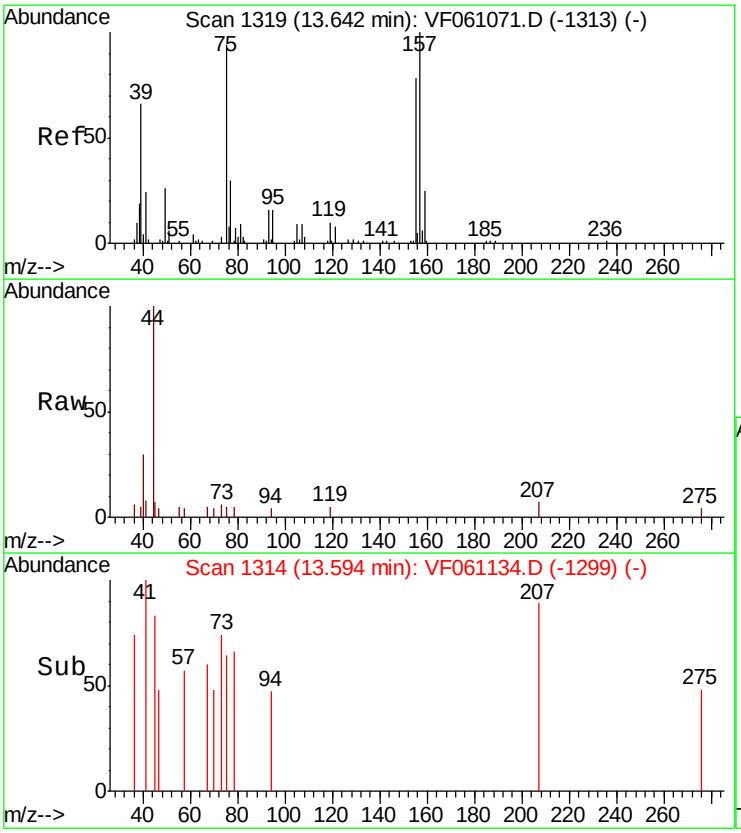

#88
1,4-Dichlorobenzene
Concen: 12.693 ug/l
RT: 12.59 min Scan# 1212
Delta R.T. 0.02 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion:146 Resp: 11464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.7 | 19.4 | 58.4 |
| 148 | 64.0 | 32.4 | 97.0 |

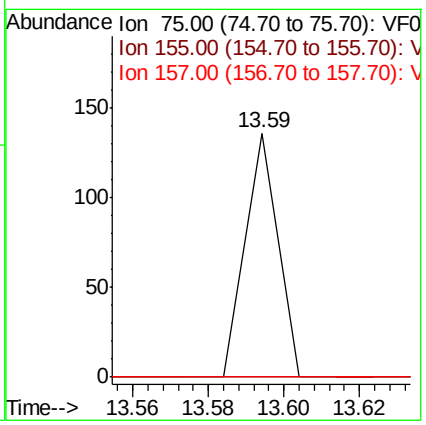


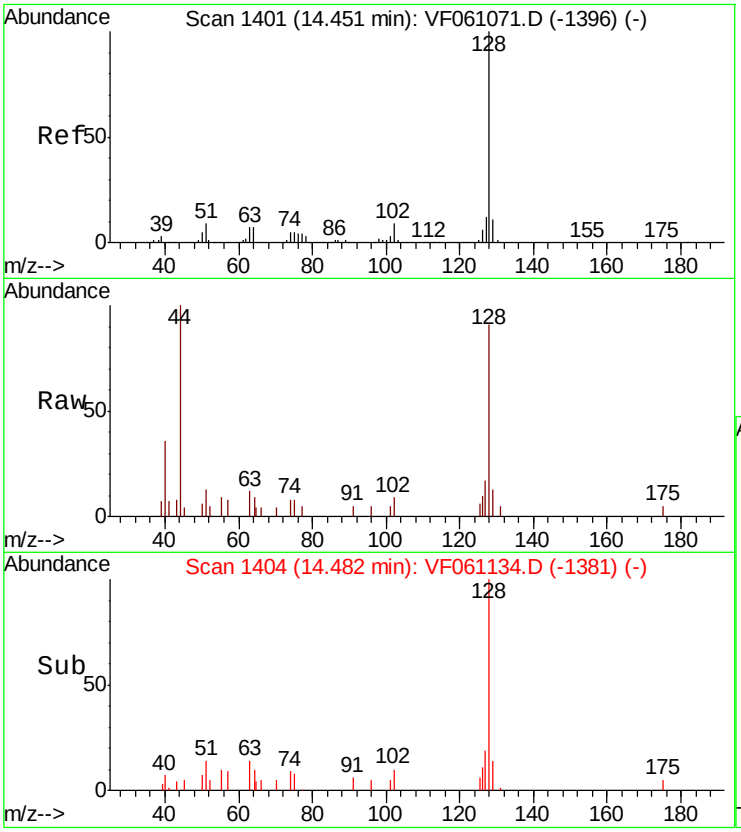




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.164 ug/l
RT: 13.59 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

Tgt Ion: 75 Resp: 81

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 41.5 | 124.5# |
| 157 | 0.0 | 53.2 | 159.6# |






#95
Naphthalene
Concen: 3.759 ug/l
RT: 14.48 min Scan# 1404
Delta R.T. 0.03 min
Lab File: VF061134.D
Acq: 21 Dec 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
P001-SD005-0006-01RE

Tgt Ion:128 Resp: 4280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 18.7 | 9.4 | 14.2# |
| 129 | 14.4 | 8.8 | 13.2# |