Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031619\
Data File : VF061986.D
Acq On : 16 Mar 2019 20:24
Operator : VA/AP
Sample : K1861-05
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :** BF-10-031119

Quant Time: Mar 18 07:38:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 4.87 | 168 | 230036 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 5.60 | 114 | 367200 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.77 | 117 | 302672 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.55 | 152 | 157250 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 4.84 | 65 | 82546 | 49.85 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.70% | | | |
| 35) Dibromofluoromethane | 4.11 | 113 | 119861 | 48.61 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.22% | | | |
| 50) Toluene-d8 | 7.55 | 98 | 323254 | 44.84 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 89.68% | | | |
| 62) 4-Bromofluorobenzene | 11.41 | 95 | 129844 | 45.34 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.68% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acrolein | 2.02 | 56 | 375 | 3.428 | ug/l | 89 |
| 16) Acetone | 2.24 | 43 | 3108 | 8.359 | ug/l | 93 |
| 20) Methylene Chloride | 2.18 | 84 | 4129 | 2.157 | ug/l | 91 |

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

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BF-10-031119

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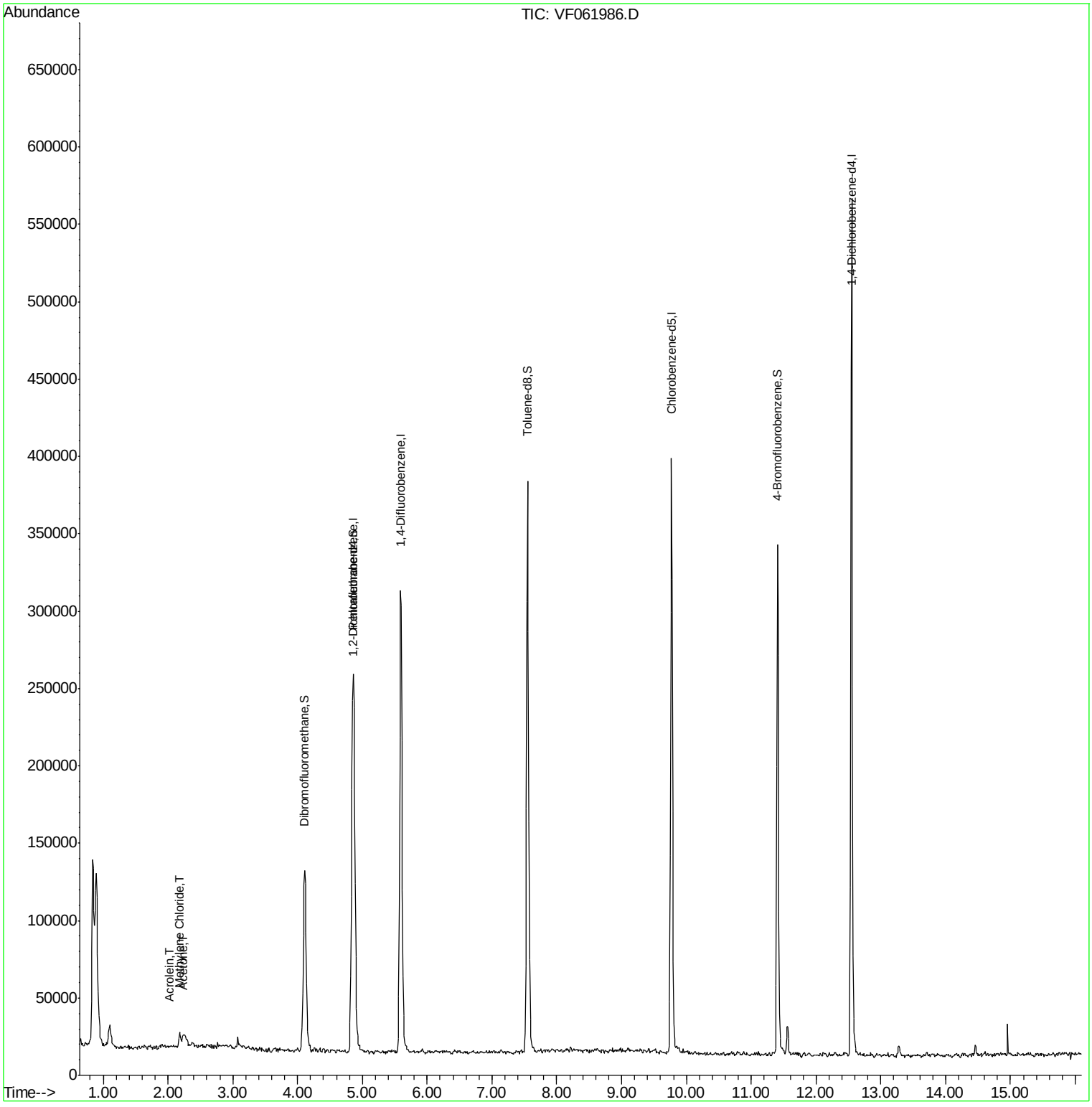
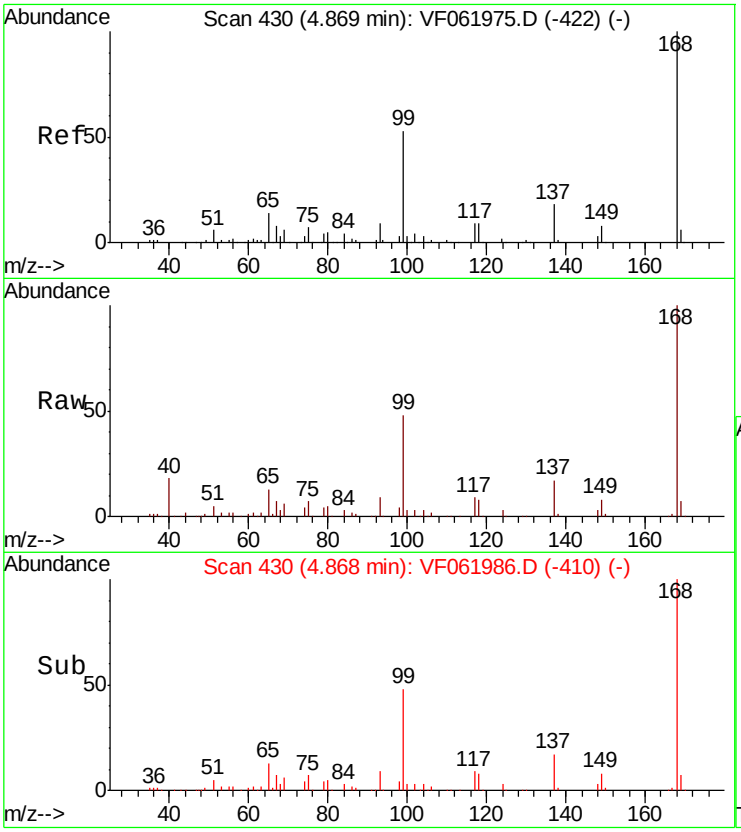


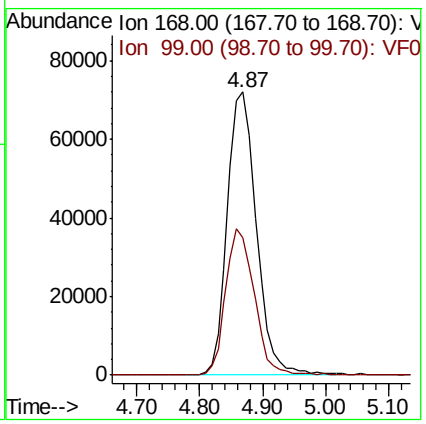


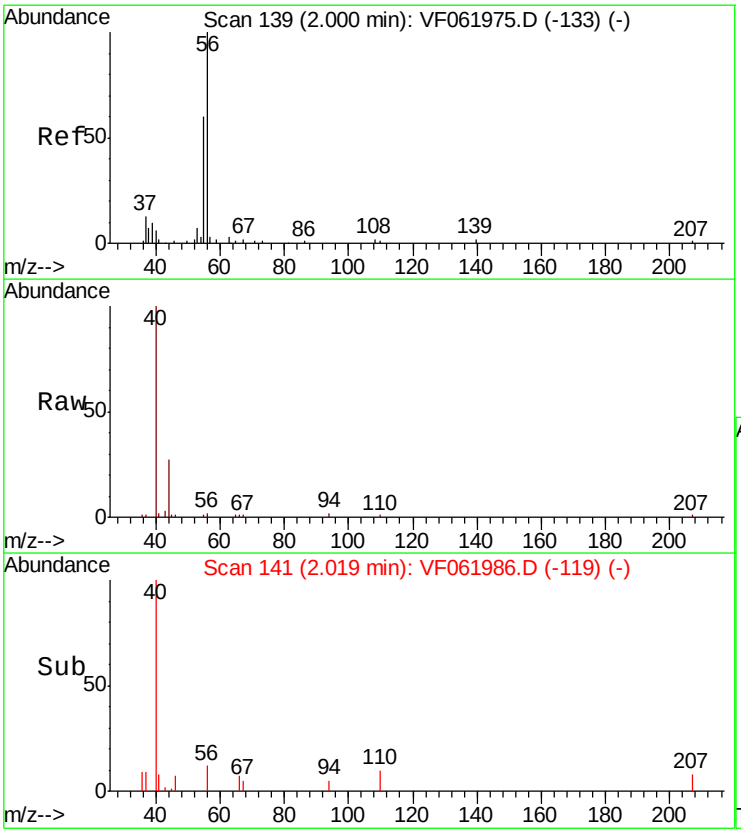

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.00 min
Lab File: VF061986.D
Acq: 16 Mar 2019 20:24

**Instrument :**
MSVOA_F
**ClientSampleId :**
BF-10-031119

Tgt Ion:168 Resp: 230036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.4 | 42.4 | 63.6 |

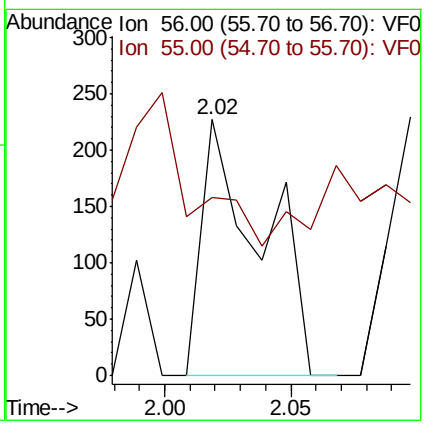


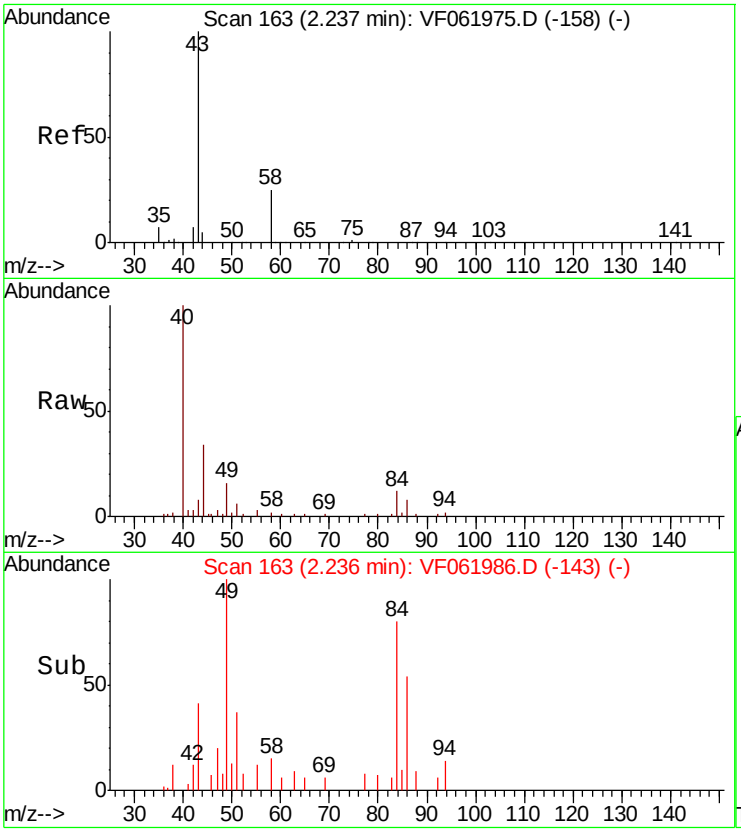




#13
Acrolein
Concen: 3.428 ug/l
RT: 2.02 min Scan# 141
Delta R.T. 0.02 min
Lab File: VF061986.D
Acq: 16 Mar 2019 20:24

Tgt Ion: 56 Resp: 375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.6 | 49.1 | 73.7 |



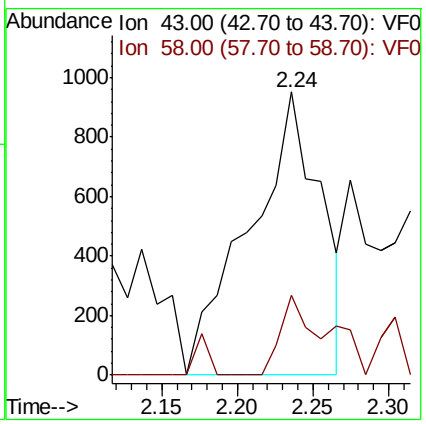


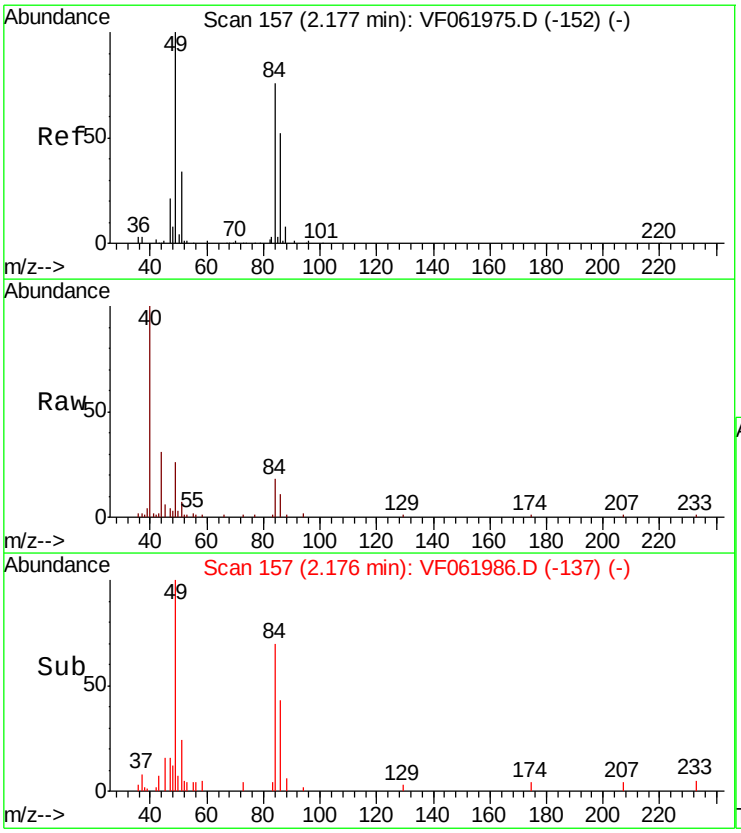

#16
Acetone
Concen: 8.359 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.00 min
Lab File: VF061986.D
Acq: 16 Mar 2019 20:24

**Instrument :** MSVOA_F
**ClientSampleId :** BF-10-031119

Tgt Ion: 43 Resp: 3108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.3 | 19.9 | 29.9 |

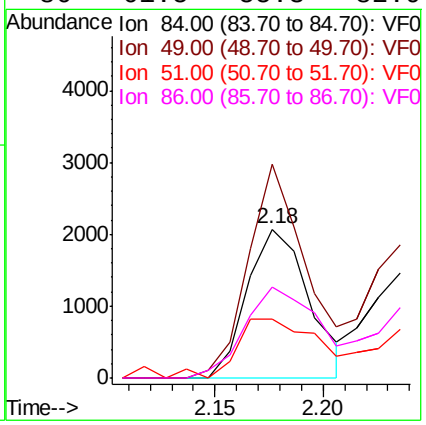


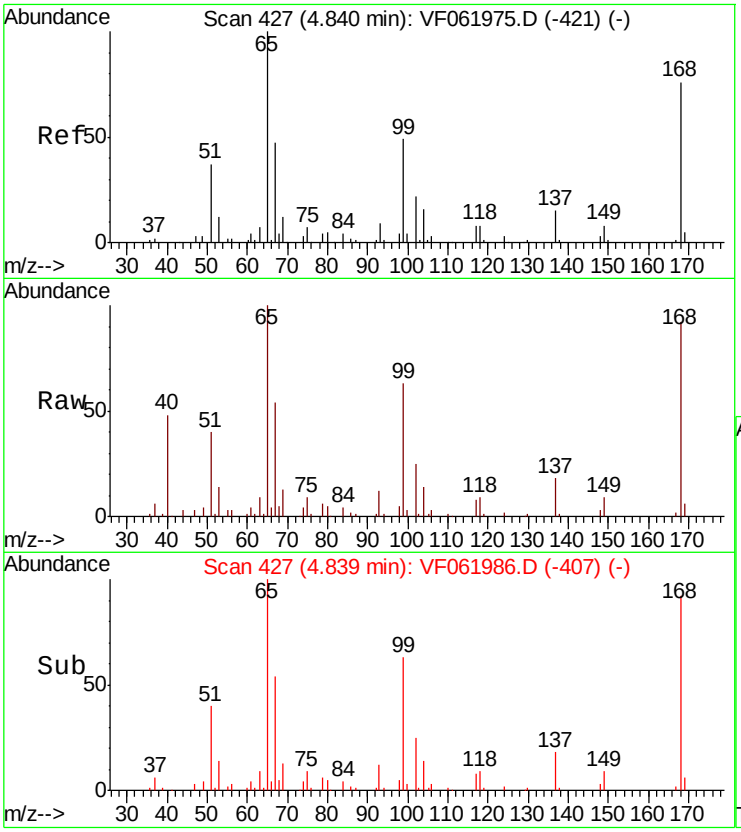




#20
Methylene Chloride
Concen: 2.157 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.00 min
Lab File: VF061986.D
Acq: 16 Mar 2019 20:24

Tgt Ion: 84 Resp: 4129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 143.7 | 107.0 | 160.6 |
| 51 | 39.4 | 37.2 | 55.8 |
| 86 | 61.5 | 55.3 | 82.9 |



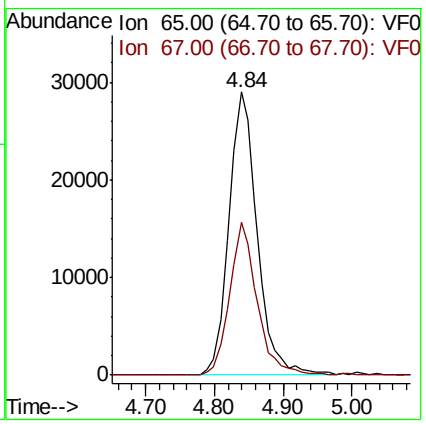


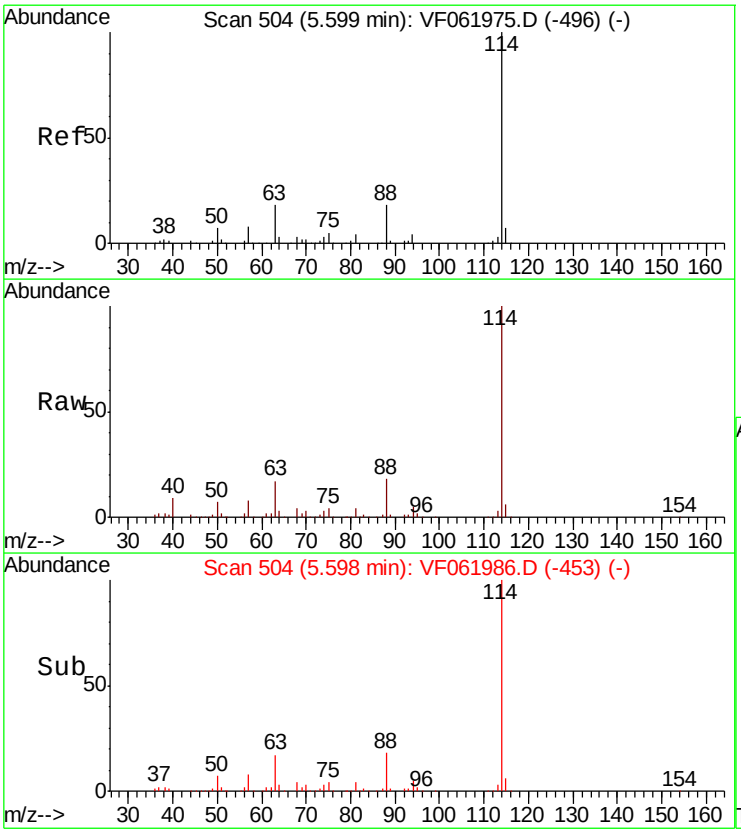

#33
1,2-Dichloroethane-d4
Concen: 49.850 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.00 min
Lab File: VF061986.D
Acq: 16 Mar 2019 20:24

**Instrument :**
MSVOA_F
**ClientSampleId :**
BF-10-031119

Tgt Ion: 65 Resp: 82546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.2 | 0.0 | 109.4 |

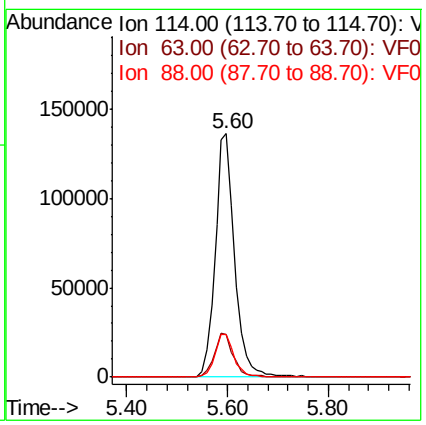


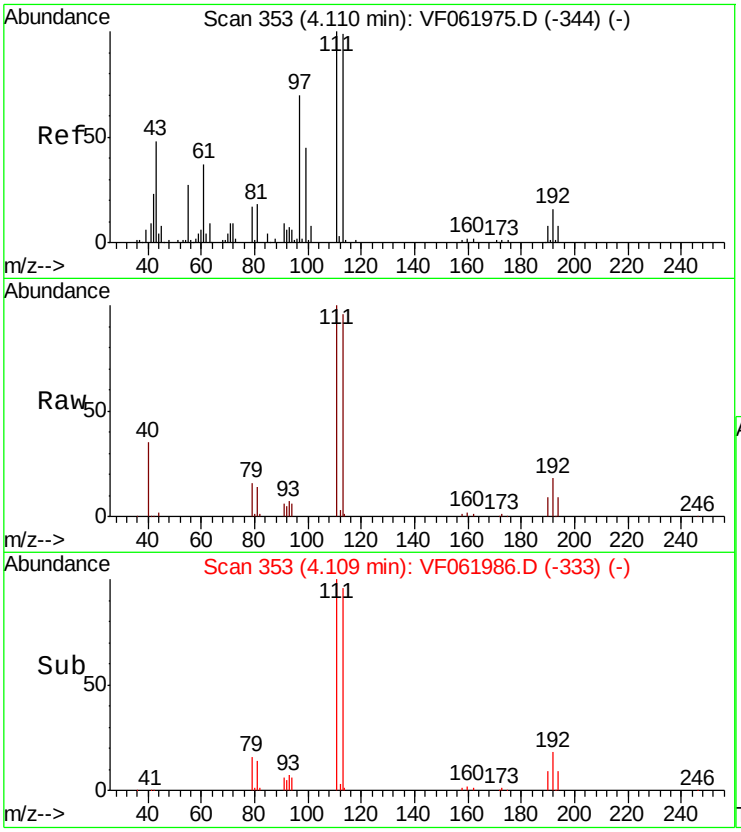




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.00 min
Lab File: VF061986.D
Acq: 16 Mar 2019 20:24

Tgt Ion:114 Resp: 367200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.3 | 0.0 | 36.4 |
| 88 | 17.8 | 0.0 | 36.4 |



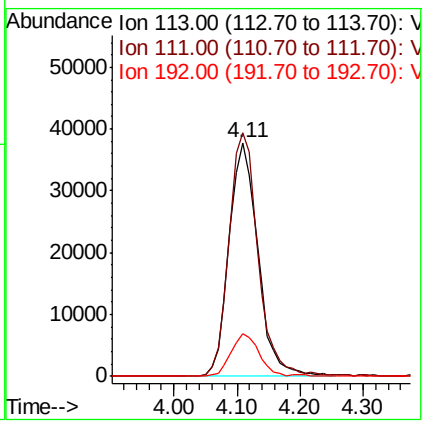


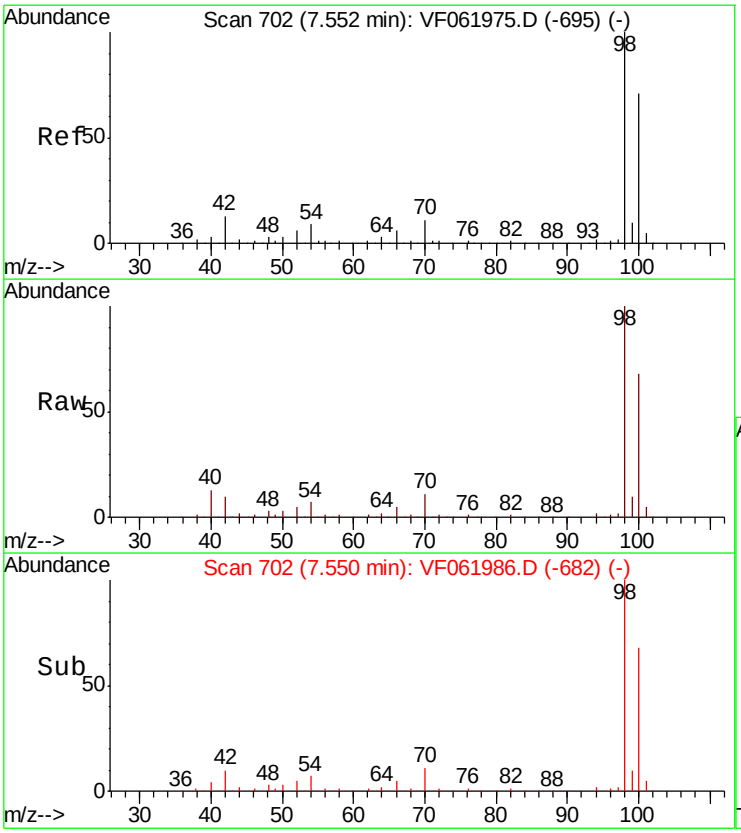

#35
Dibromofluoromethane
Concen: 48.609 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.00 min
Lab File: VF061986.D
Acq: 16 Mar 2019 20:24

**Instrument :**
MSVOA_F
**ClientSampleId :**
BF-10-031119

Tgt Ion:113 Resp: 119861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.3 | 80.8 | 121.2 |
| 192 | 18.9 | 13.0 | 19.6 |

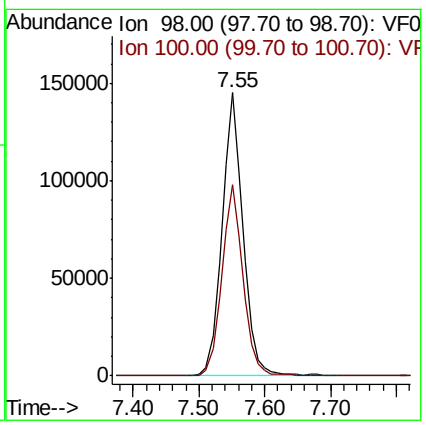


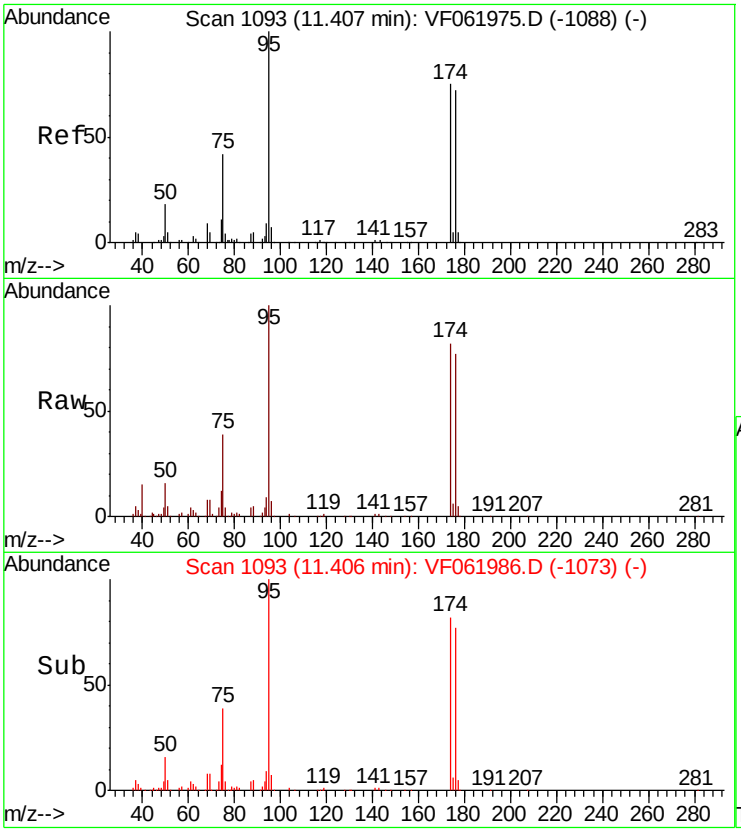




#50
Toluene-d8
Concen: 44.845 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.00 min
Lab File: VF061986.D
Acq: 16 Mar 2019 20:24

Tgt Ion: 98 Resp: 323254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.7 | 56.8 | 85.2 |



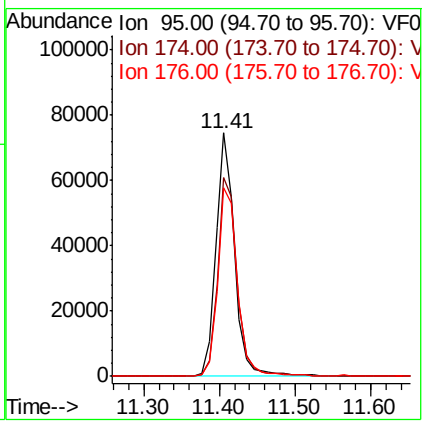


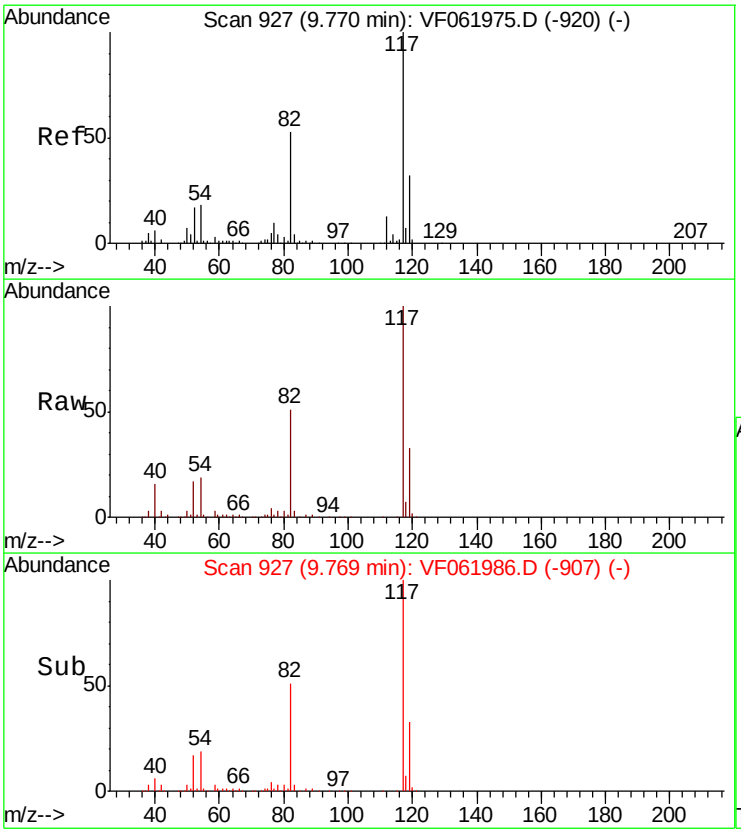

#62
4-Bromofluorobenzene
Concen: 45.343 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061986.D
Acq: 16 Mar 2019 20:24

**Instrument :**
MSVOA_F
**ClientSampleId :**
BF-10-031119

Tgt Ion: 95 Resp: 129844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 81.7 | 0.0 | 149.4 |
| 176 | 77.5 | 0.0 | 143.4 |

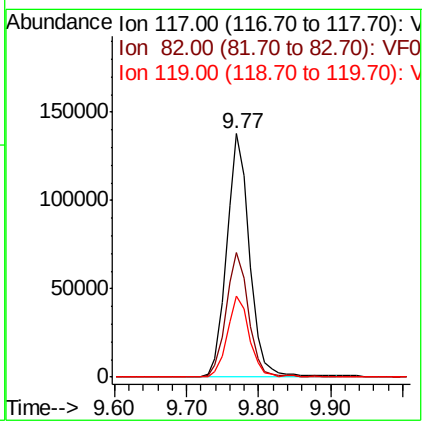


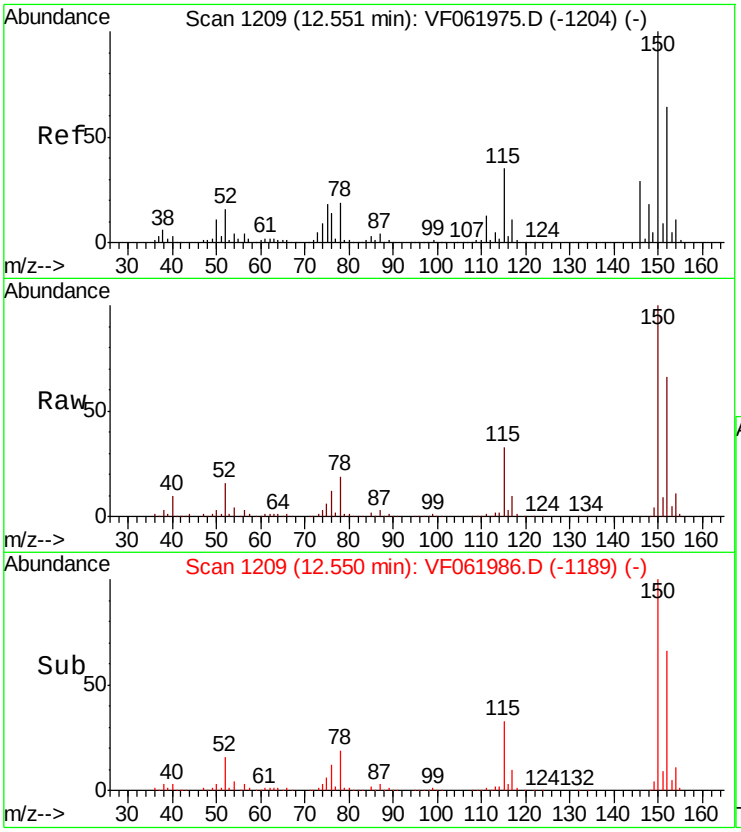




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.00 min
Lab File: VF061986.D
Acq: 16 Mar 2019 20:24

Tgt Ion:117 Resp: 302672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.1 | 42.5 | 63.7 |
| 119 | 33.5 | 25.4 | 38.0 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF061986.D
Acq: 16 Mar 2019 20:24

**Instrument :**
MSVOA_F
**ClientSampleId :**
BF-10-031119

Tgt Ion:152 Resp: 157250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 49.8 | 27.3 | 81.9 |
| 150 | 151.8 | 0.0 | 316.2 |