Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100620\
Data File : VN063894.D
Acq On : 6 Oct 2020 15:10
Operator : JC/MD
Sample : VN1006WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** VN1006WBL01

Quant Time: Oct 06 16:48:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N100620W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 06 16:42:38 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 7.15 | 128 | 57374 | 30.00 | ug/l | 0.00 |
| 28) 1,4-Difluorobenzene | 8.55 | 114 | 304293 | 30.00 | ug/l | 0.00 |
| 57) Chlorobenzene-d5 | 11.38 | 117 | 270999 | 30.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 7.98 | 65 | 156423 | 30.36 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 50 - 169 | | Recovery = 101.20% | | | |
| 60) 4-Bromofluorobenzene | 12.38 | 95 | 117377 | 25.33 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 56 - 143 | | Recovery = 84.43% | | | |
| 63) Toluene-d8 | 10.06 | 98 | 363852 | 29.63 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 66 - 137 | | Recovery = 98.77% | | | |

| Target Compounds | Qvalue |
|---|---|

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

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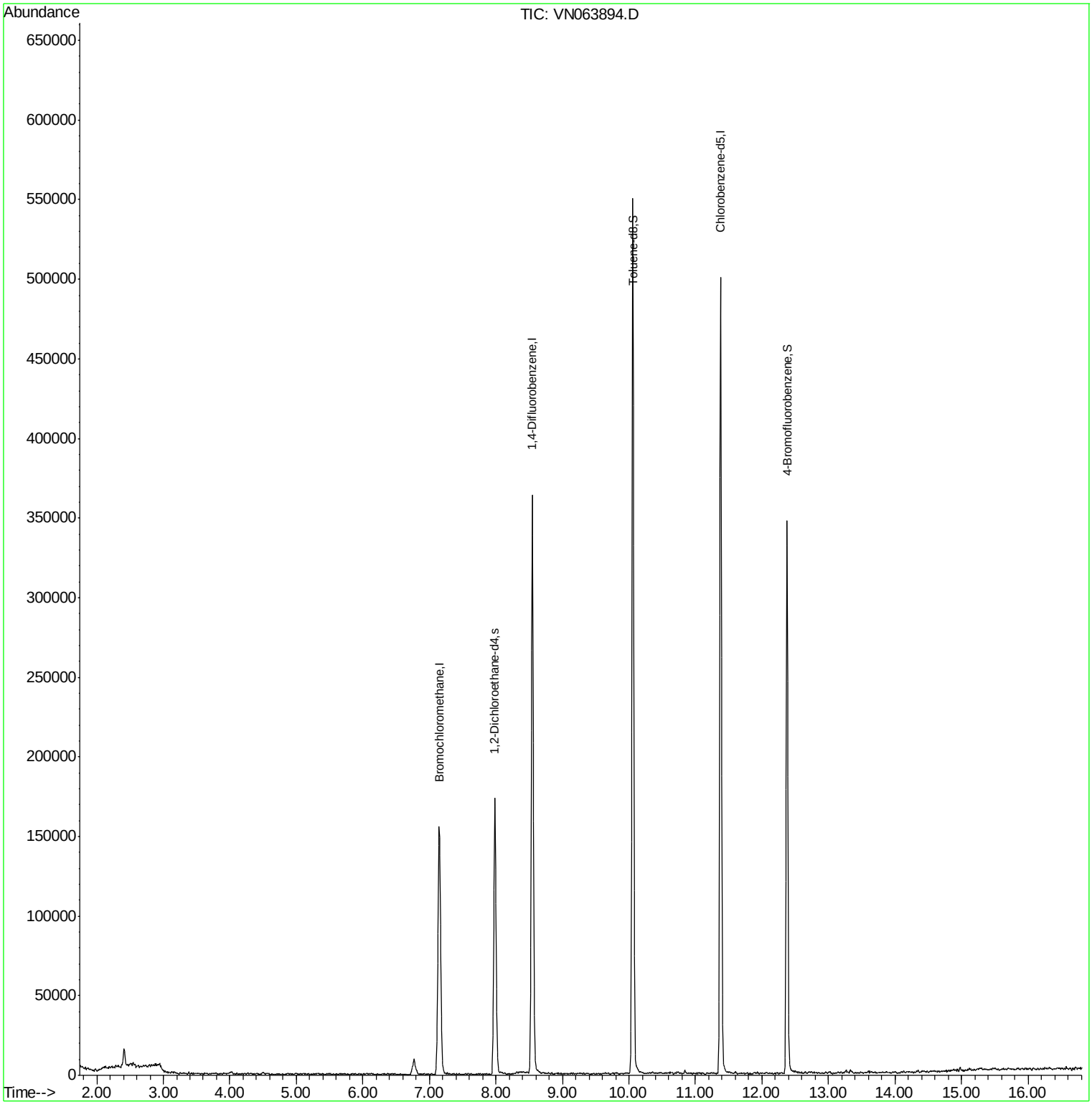
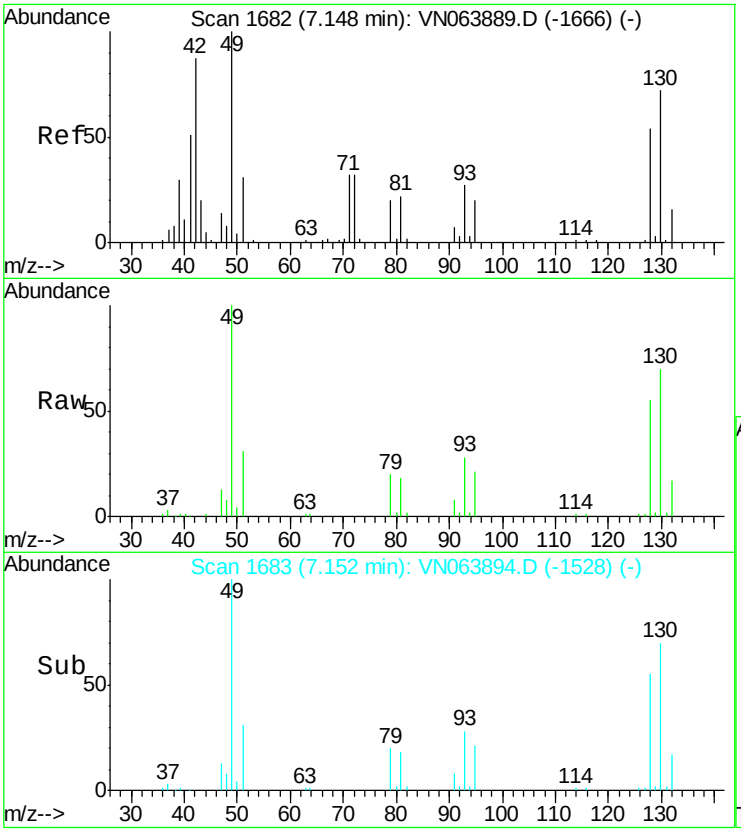


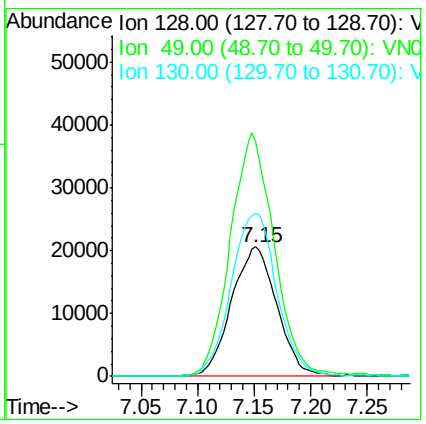


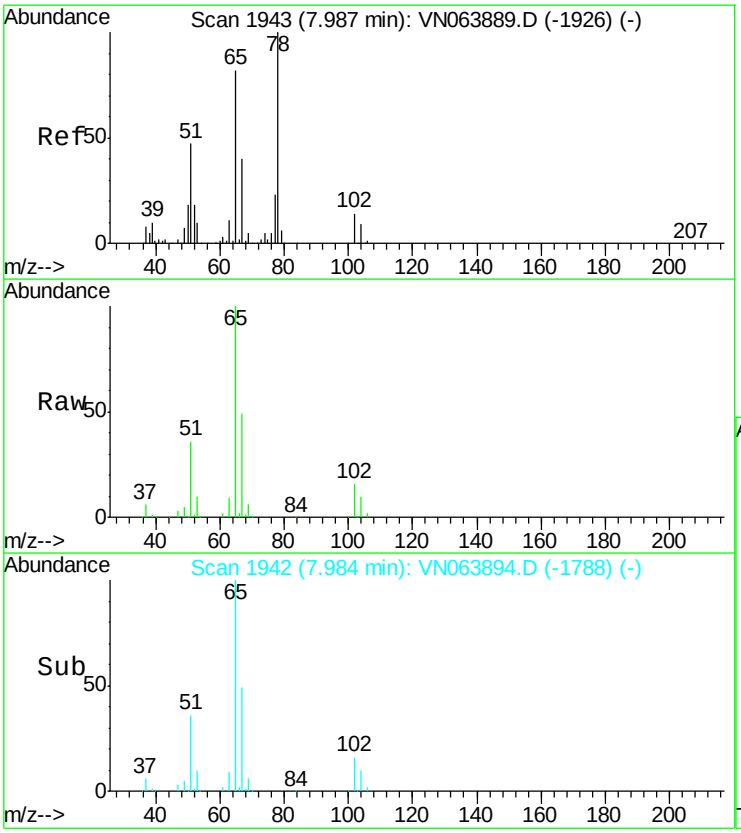

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1006WBL01

Tgt Ion:128 Resp: 57374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 182.0 | 0.0 | 437.5 |
| 130 | 127.5 | 0.0 | 327.3 |

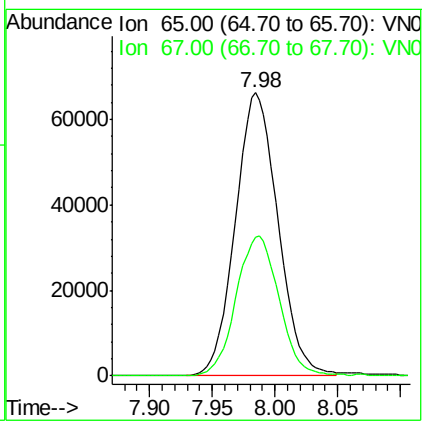


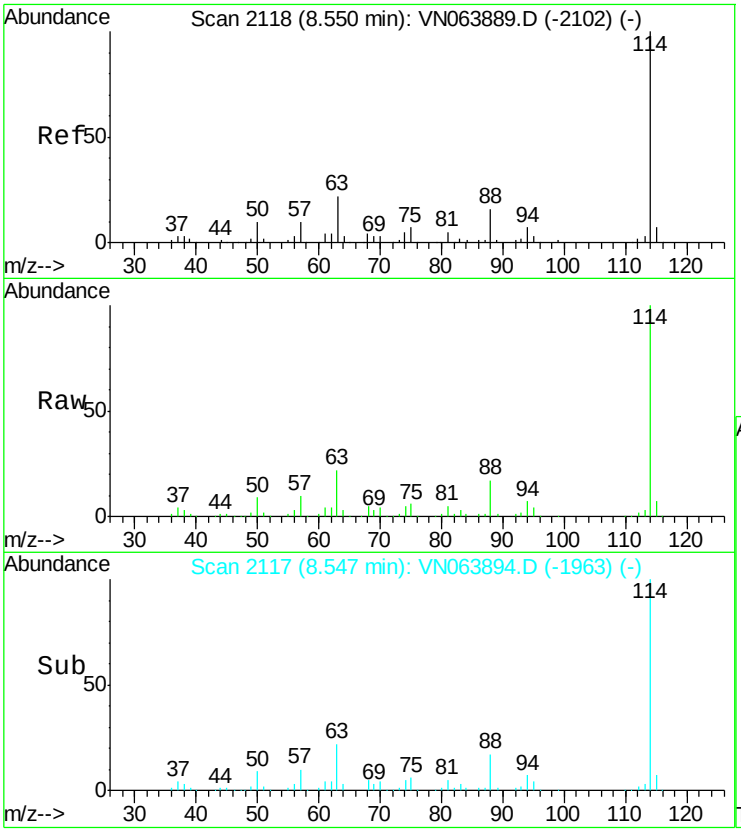




#27
1,2-Dichloroethane-d4
Concen: 30.357 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

Tgt Ion: 65 Resp: 156423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 49.9 | 43.8 | 65.6 |



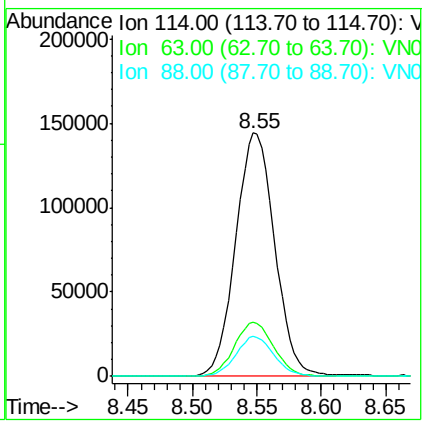


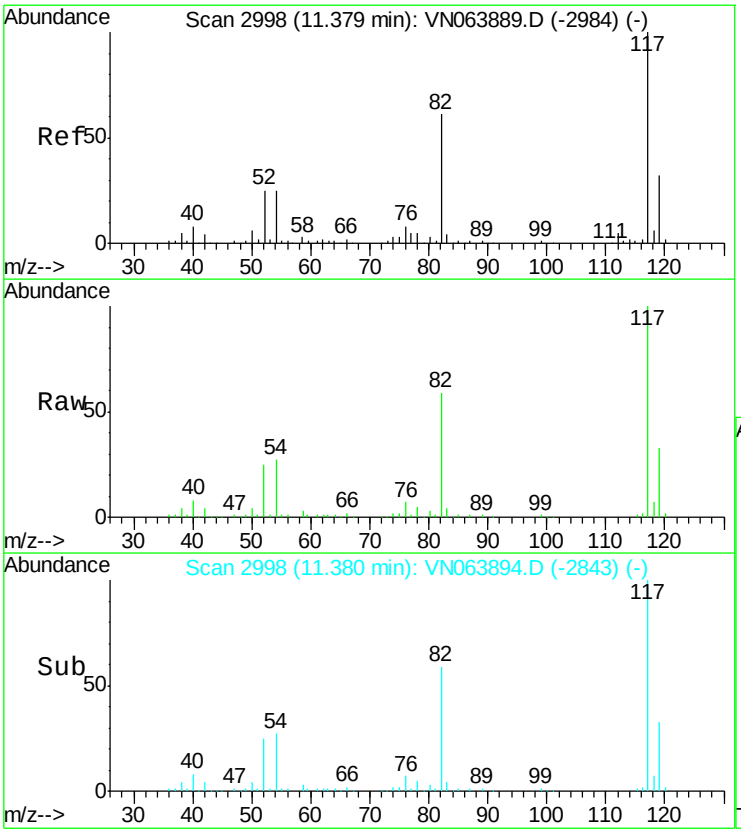

#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.55 min Scan# 2117
Delta R.T. -0.00 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1006WBL01

Tgt Ion:114 Resp: 304293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.2 | 17.0 | 25.6 |
| 88 | 16.1 | 12.6 | 18.8 |

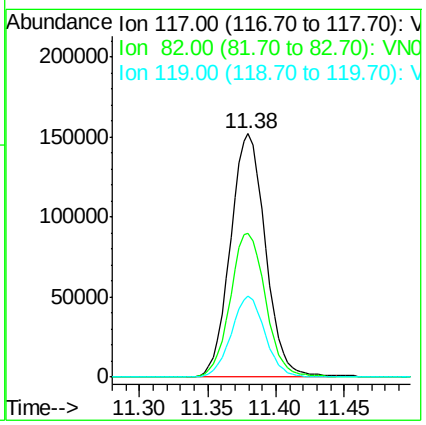


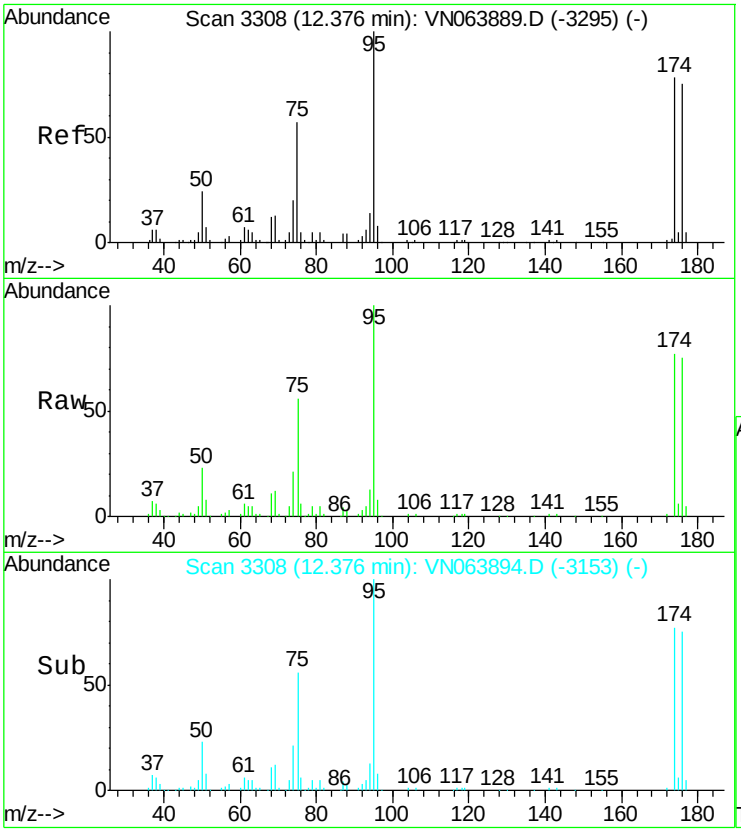




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

Tgt Ion:117 Resp: 270999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 59.8 | 44.9 | 67.3 |
| 119 | 32.1 | 26.0 | 39.0 |



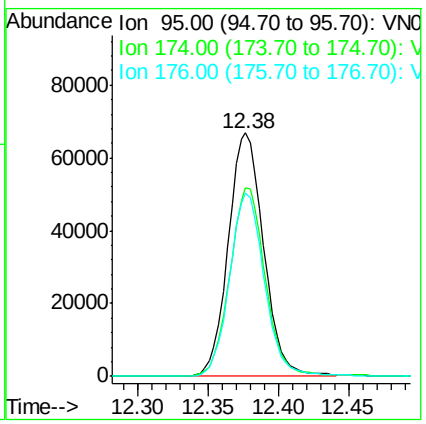


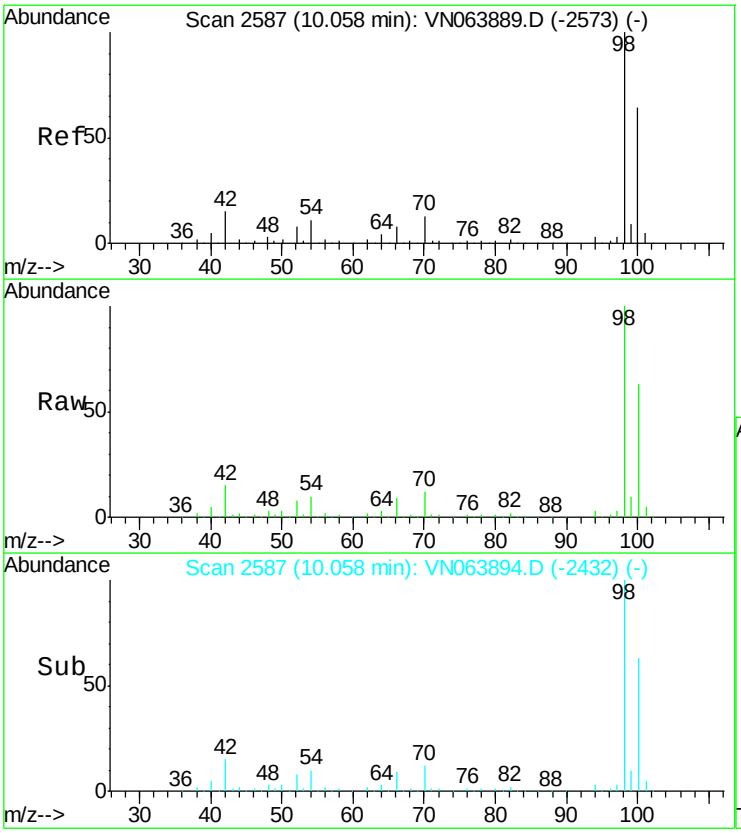

#60
4-Bromofluorobenzene
Concen: 25.327 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1006WBL01

Tgt Ion: 95 Resp: 117377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.5 | 70.1 | 105.1 |
| 176 | 73.8 | 66.8 | 100.2 |




#63
Toluene-d8
Concen: 29.626 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

Tgt Ion: 98 Resp: 363852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.5 | 51.4 | 77.2 |