Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031519\
Data File : VX008103.D
Acq On : 15 Mar 2019 13:02
Operator : JC/SP
Sample : VX0315WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VX0315WBL01

Quant Time: Mar 15 14:36:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X030819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 08 12:01:36 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.02 | 128 | 42056 | 30.00 | ug/l | 0.00 |
| 28) 1,4-Difluorobenzene | 6.86 | 114 | 219027 | 30.00 | ug/l | 0.00 |
| 57) Chlorobenzene-d5 | 10.11 | 117 | 188230 | 30.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 6.07 | 65 | 76775 | 27.77 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 50 - 169 | | Recovery = 92.57% | | | |
| 60) 4-Bromofluorobenzene | 11.13 | 95 | 81984 | 27.29 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 56 - 143 | | Recovery = 90.97% | | | |
| 63) Toluene-d8 | 8.71 | 98 | 249650 | 28.98 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 66 - 137 | | Recovery = 96.60% | | | |

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

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

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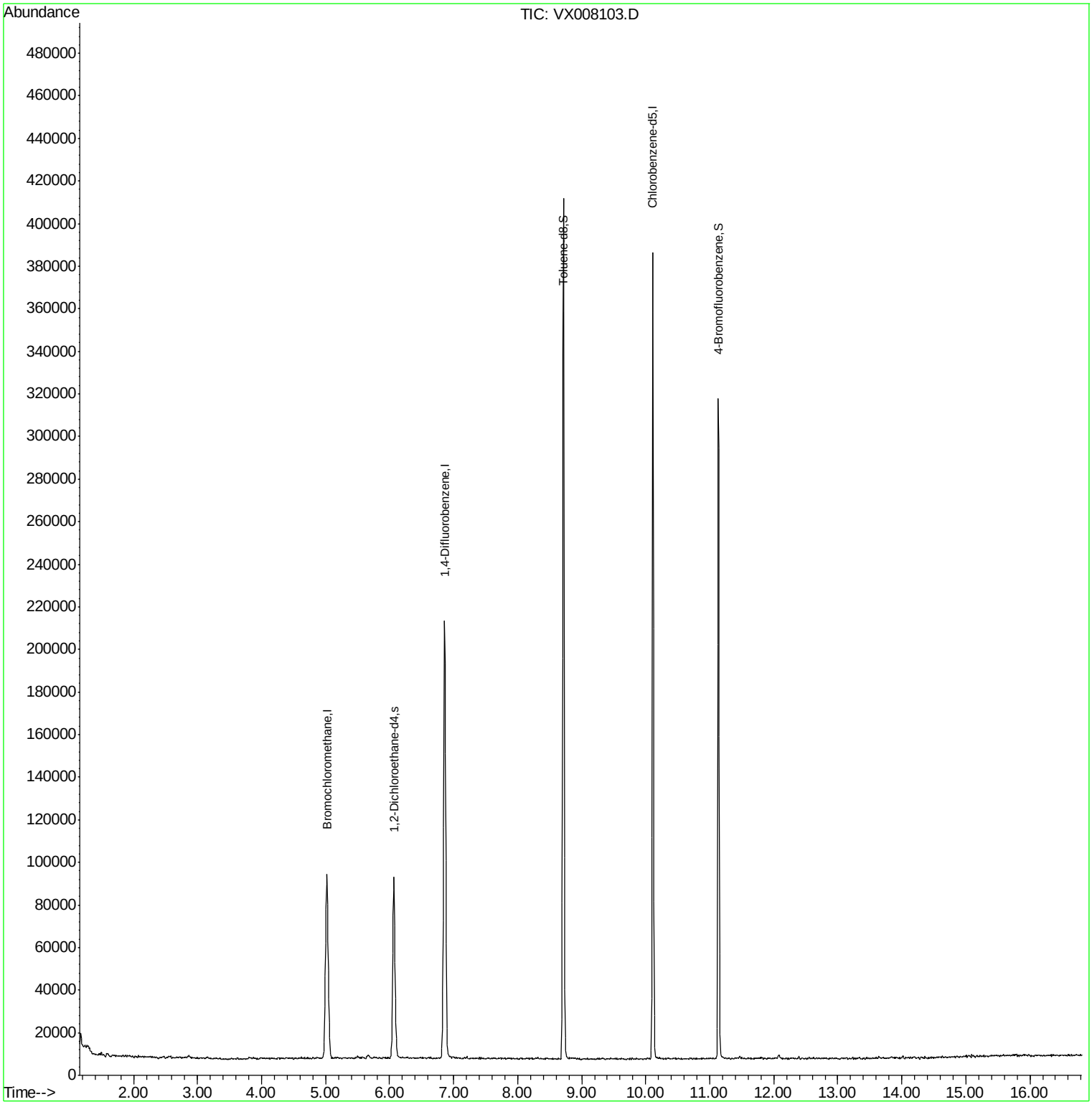
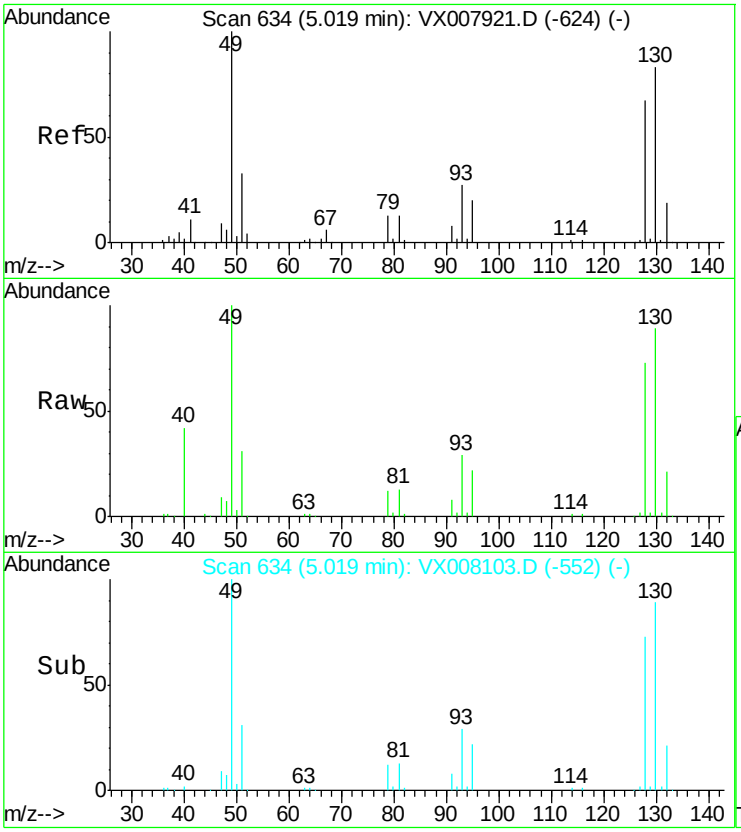


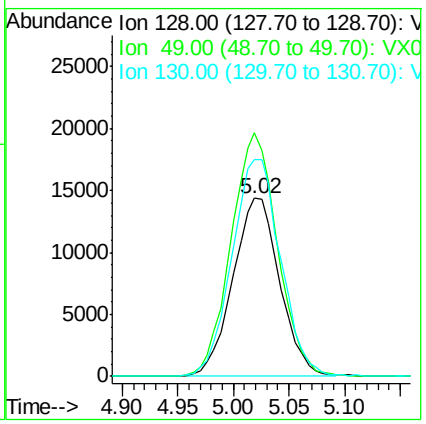


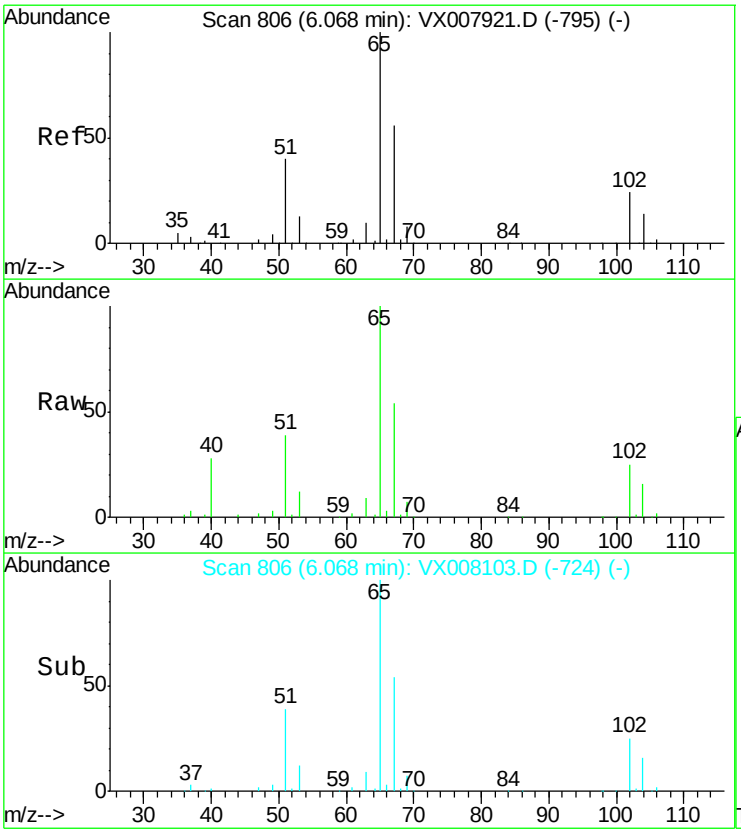

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008103.D
Acq: 15 Mar 2019 13:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0315WBL01

Tgt Ion:128 Resp: 42056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 135.7 | 0.0 | 350.8 |
| 130 | 126.3 | 0.0 | 325.8 |

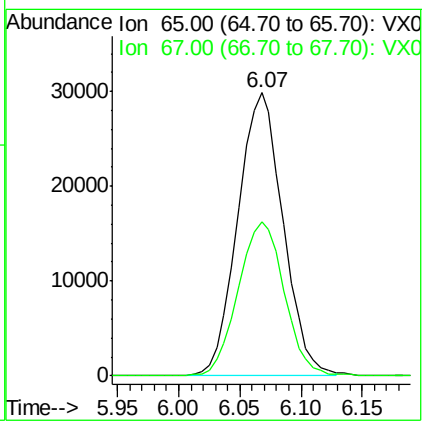


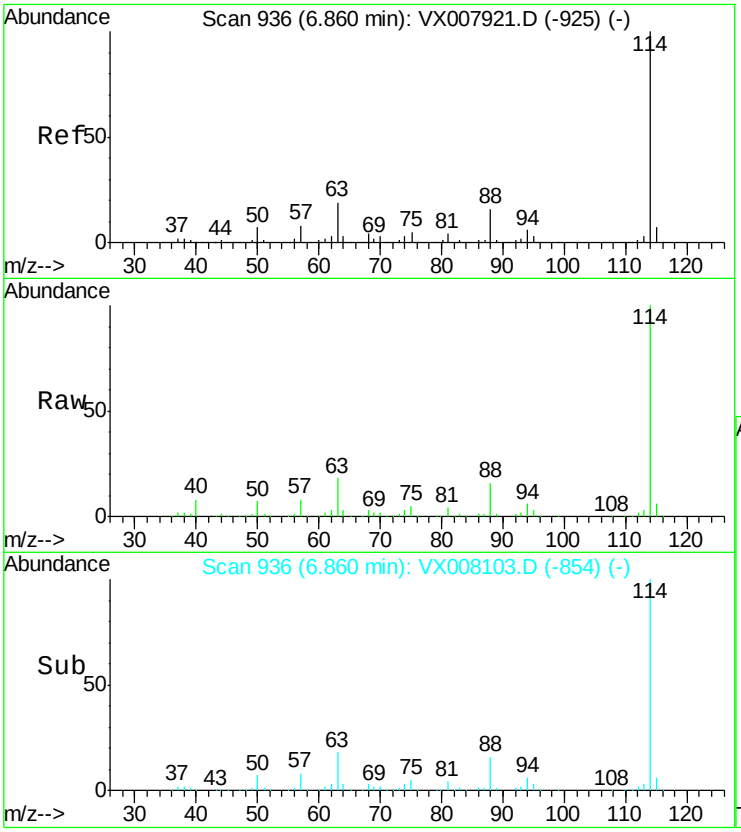




#27
1,2-Dichloroethane-d4
Concen: 27.774 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX008103.D
Acq: 15 Mar 2019 13:02

Tgt Ion: 65 Resp: 76775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 55.4 | 42.9 | 64.3 |



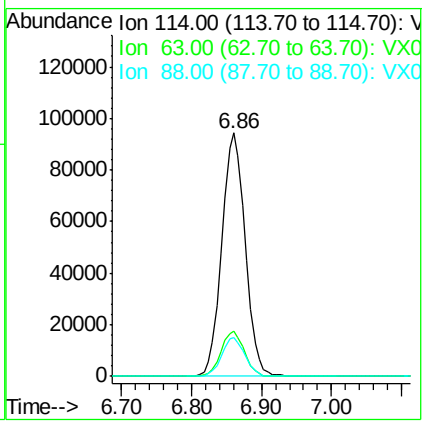


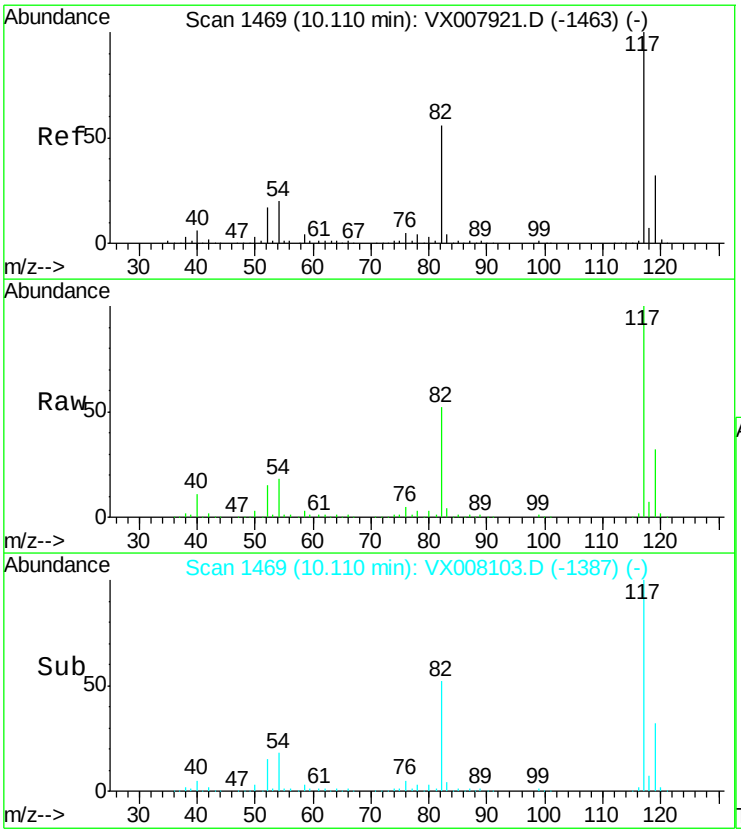

#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008103.D
Acq: 15 Mar 2019 13:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0315WBL01

Tgt Ion:114 Resp: 219027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.5 | 14.2 | 21.4 |
| 88 | 15.6 | 11.9 | 17.9 |

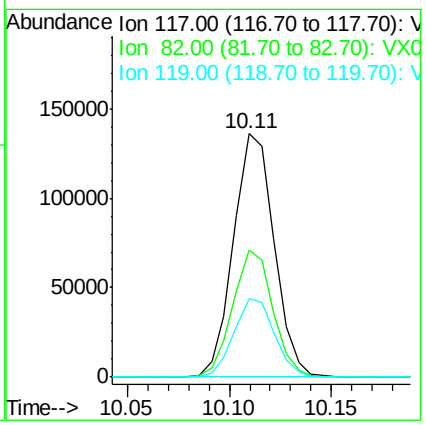


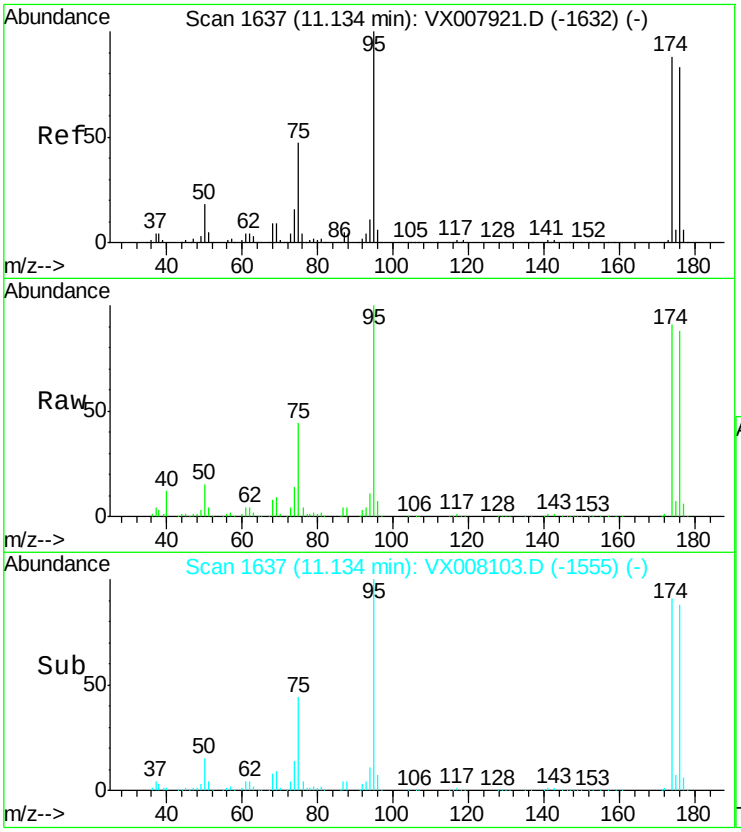




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008103.D
Acq: 15 Mar 2019 13:02

Tgt Ion:117 Resp: 188230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.8 | 40.4 | 60.6 |
| 119 | 32.6 | 25.8 | 38.6 |



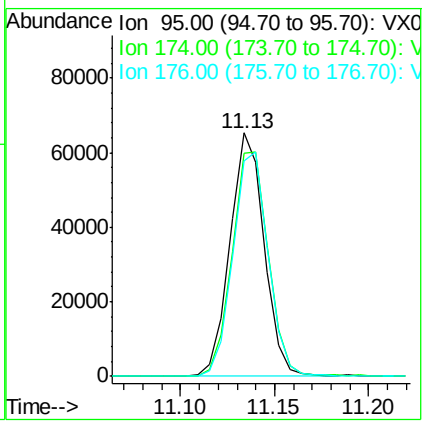


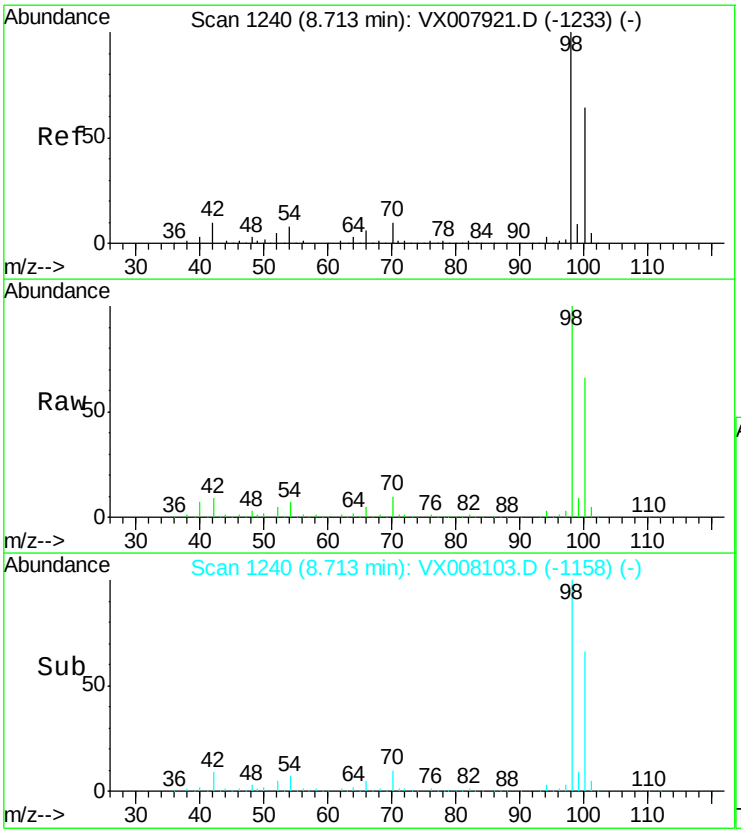

#60
4-Bromofluorobenzene
Concen: 27.288 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008103.D
Acq: 15 Mar 2019 13:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0315WBL01

Tgt Ion: 95 Resp: 81984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 97.9 | 74.9 | 112.3 |
| 176 | 95.5 | 70.7 | 106.1 |




#63
Toluene-d8
Concen: 28.981 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008103.D
Acq: 15 Mar 2019 13:02

Tgt Ion: 98 Resp: 249650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.4 | 50.9 | 76.3 |