Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111219\
Data File : VX013376.D
Acq On : 12 Nov 2019 11:12
Operator : JC/SP
Sample : K5765-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** TT-TB-20191107

Quant Time: Nov 12 12:52:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.00 | 128 | 152378 | 30.00 | ug/l | 0.00 |
| 28) 1,4-Difluorobenzene | 6.85 | 114 | 856907 | 30.00 | ug/l | 0.00 |
| 57) Chlorobenzene-d5 | 10.10 | 117 | 743469 | 30.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 6.05 | 65 | 329158 | 29.25 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 50 - 169 | | Recovery = 97.50% | | | |
| 60) 4-Bromofluorobenzene | 11.13 | 95 | 336371 | 28.15 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 56 - 143 | | Recovery = 93.83% | | | |
| 63) Toluene-d8 | 8.71 | 98 | 1022551 | 30.42 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 66 - 137 | | Recovery = 101.40% | | | |
| **Target Compounds** | | | | | | Qvalue |

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

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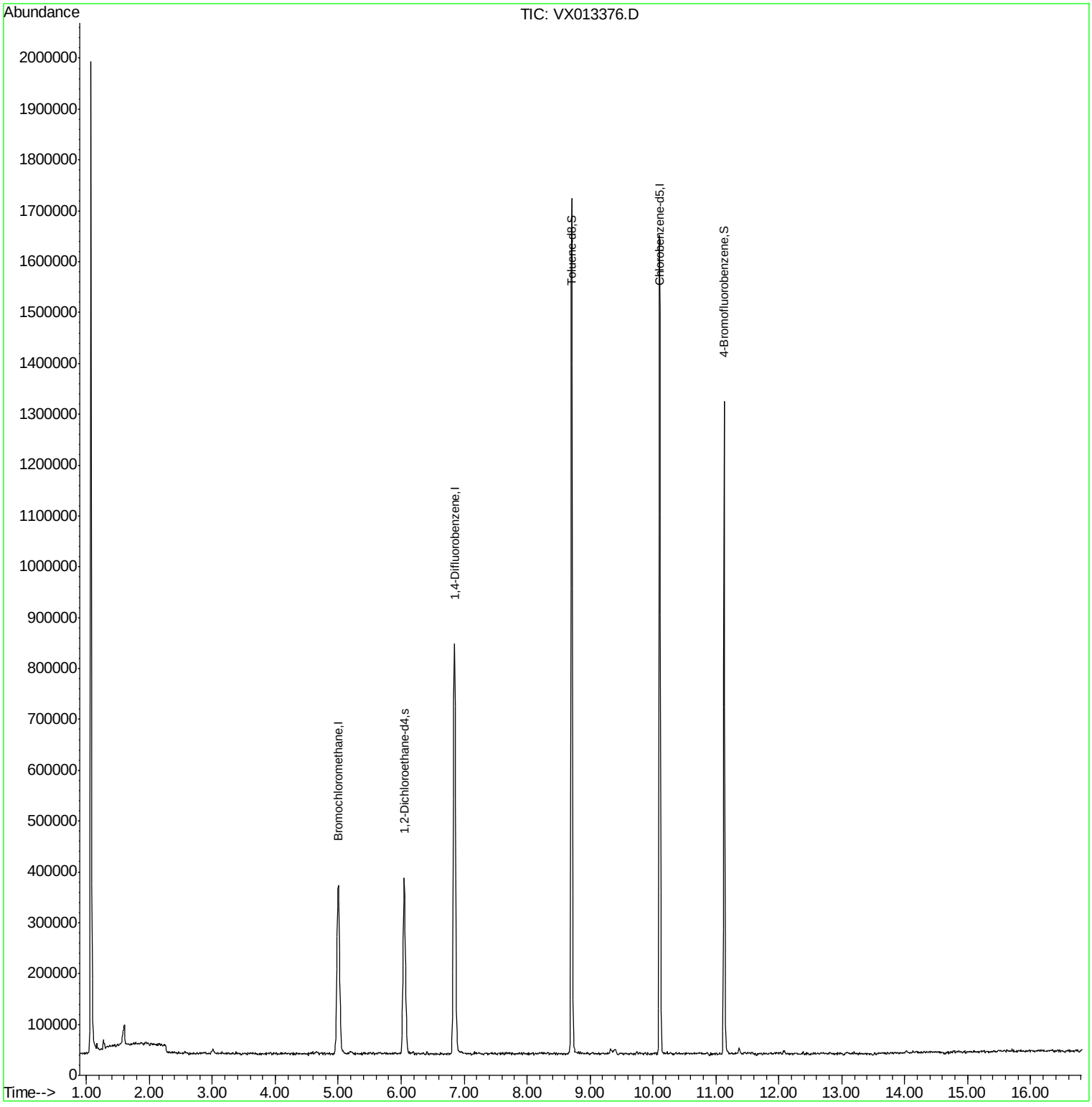
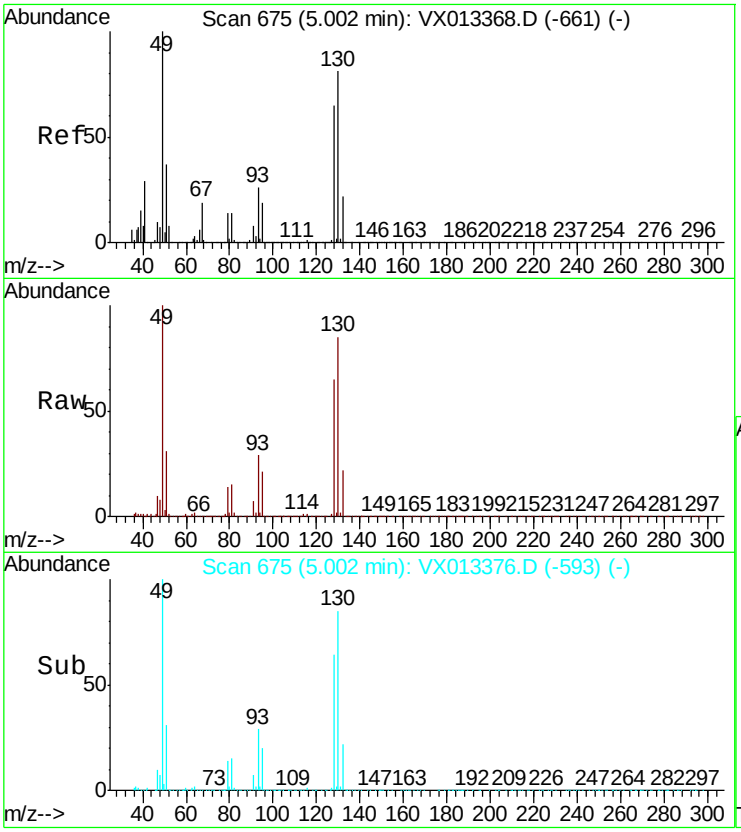


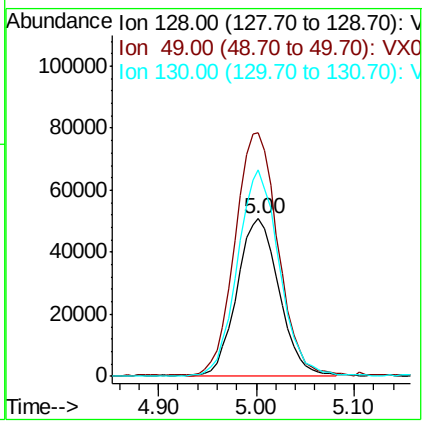


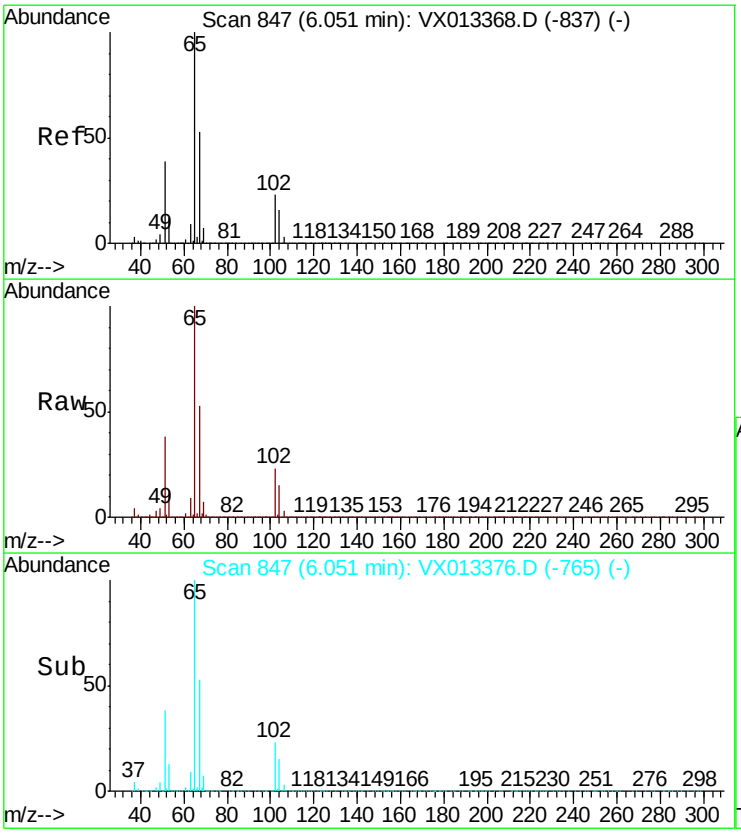

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013376.D
Acq: 12 Nov 2019 11:12

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT-TB-20191107

Tgt Ion:128 Resp: 152378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 156.7 | 0.0 | 388.3 |
| 130 | 129.5 | 0.0 | 318.5 |

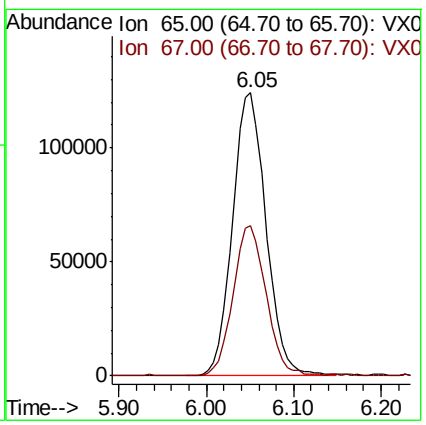


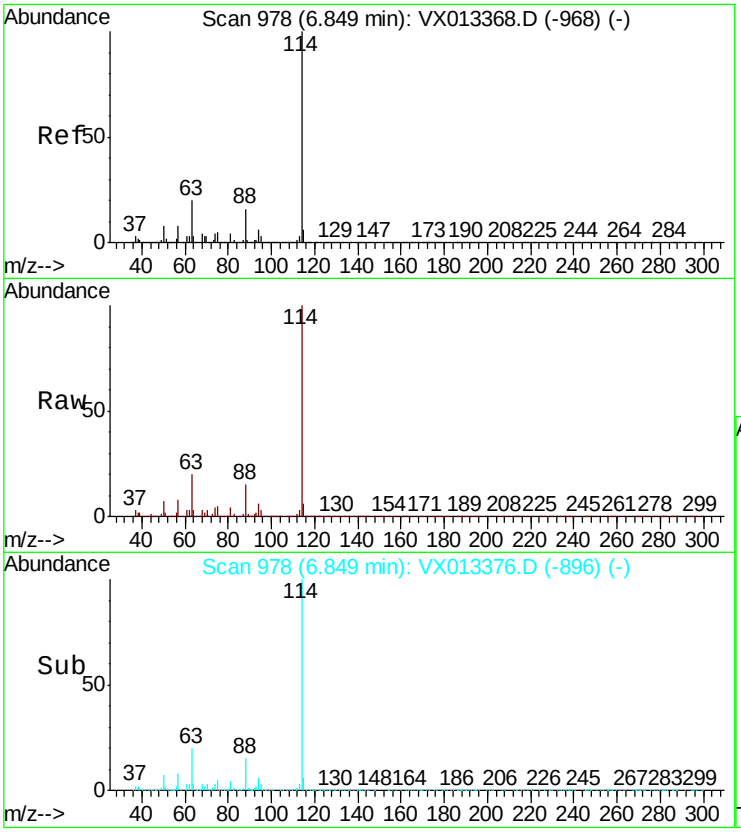




#27
1,2-Dichloroethane-d4
Concen: 29.254 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013376.D
Acq: 12 Nov 2019 11:12

Tgt Ion: 65 Resp: 329158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.2 | 41.0 | 61.6 |



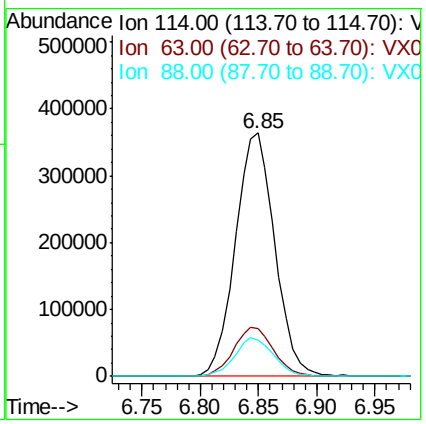


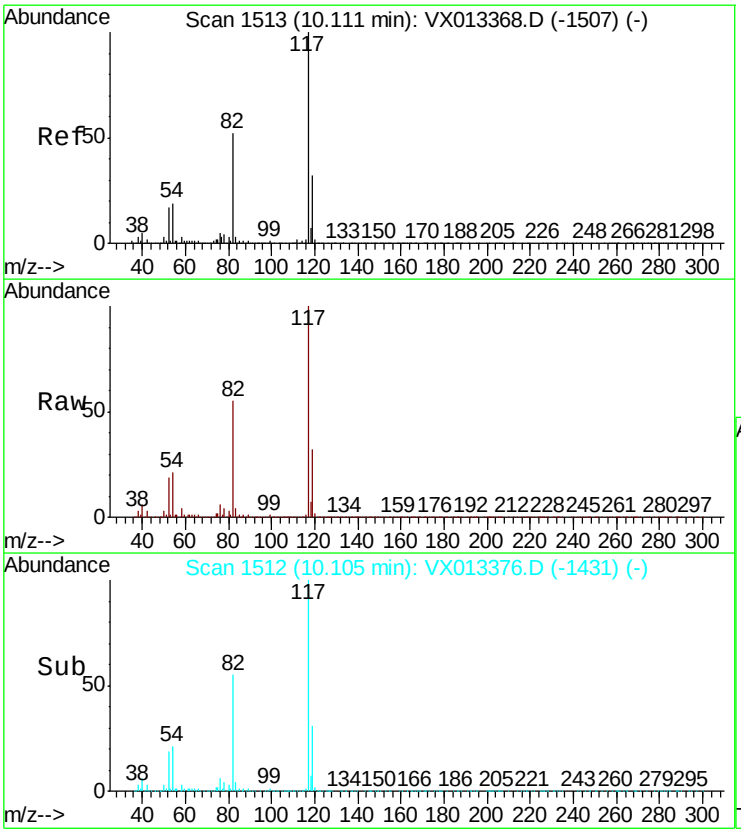

#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013376.D
Acq: 12 Nov 2019 11:12

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT-TB-20191107

Tgt Ion:114 Resp: 856907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.2 | 16.1 | 24.1 |
| 88 | 15.5 | 12.3 | 18.5 |

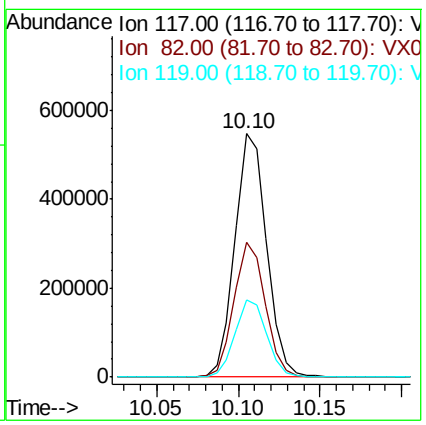


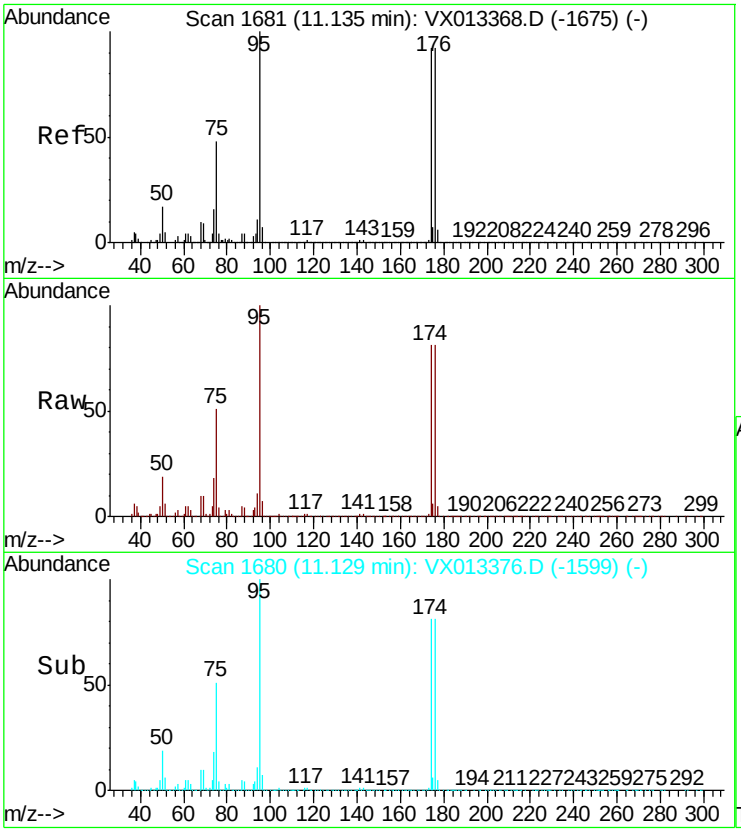




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013376.D
Acq: 12 Nov 2019 11:12

Tgt Ion:117 Resp: 743469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.6 | 43.7 | 65.5 |
| 119 | 31.7 | 25.5 | 38.3 |



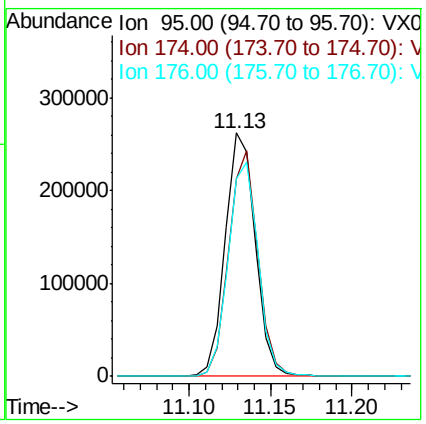


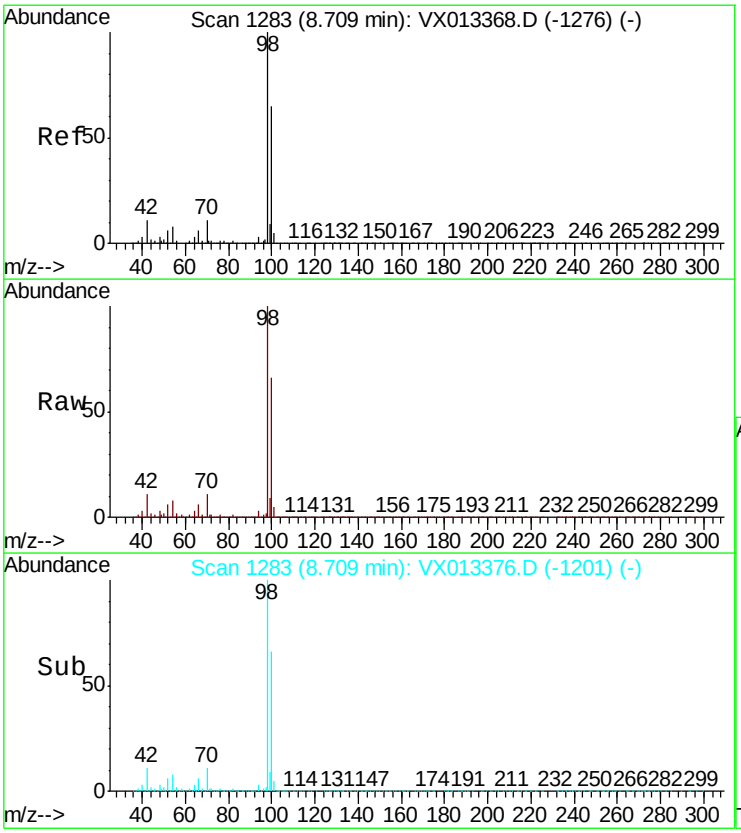

#60
4-Bromofluorobenzene
Concen: 28.149 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013376.D
Acq: 12 Nov 2019 11:12

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT-TB-20191107

Tgt Ion: 95 Resp: 336371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 90.0 | 70.2 | 105.2 |
| 176 | 87.8 | 68.3 | 102.5 |




#63
Toluene-d8
Concen: 30.415 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013376.D
Acq: 12 Nov 2019 11:12

Tgt Ion: 98 Resp: 1022551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.2 | 52.5 | 78.7 |