Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101219\
Data File : VN058688.D
Acq On : 11 Oct 2019 9:17
Operator : JC/SP
Sample : VN1012WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** VN1012WBL01

Quant Time: Oct 11 17:33:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 11 04:26:47 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 7.17 | 128 | 69868 | 30.00 | ug/l | 0.00 |
| 28) 1,4-Difluorobenzene | 8.57 | 114 | 380958 | 30.00 | ug/l | 0.00 |
| 57) Chlorobenzene-d5 | 11.41 | 117 | 338696 | 30.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 8.01 | 65 | 186407 | 31.43 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 50 - 169 | | Recovery = 104.77% | | | |
| 60) 4-Bromofluorobenzene | 12.40 | 95 | 161973 | 27.34 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 56 - 143 | | Recovery = 91.13% | | | |
| 63) Toluene-d8 | 10.08 | 98 | 482378 | 30.16 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 66 - 137 | | Recovery = 100.53% | | | |

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

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

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VN1012WBL01

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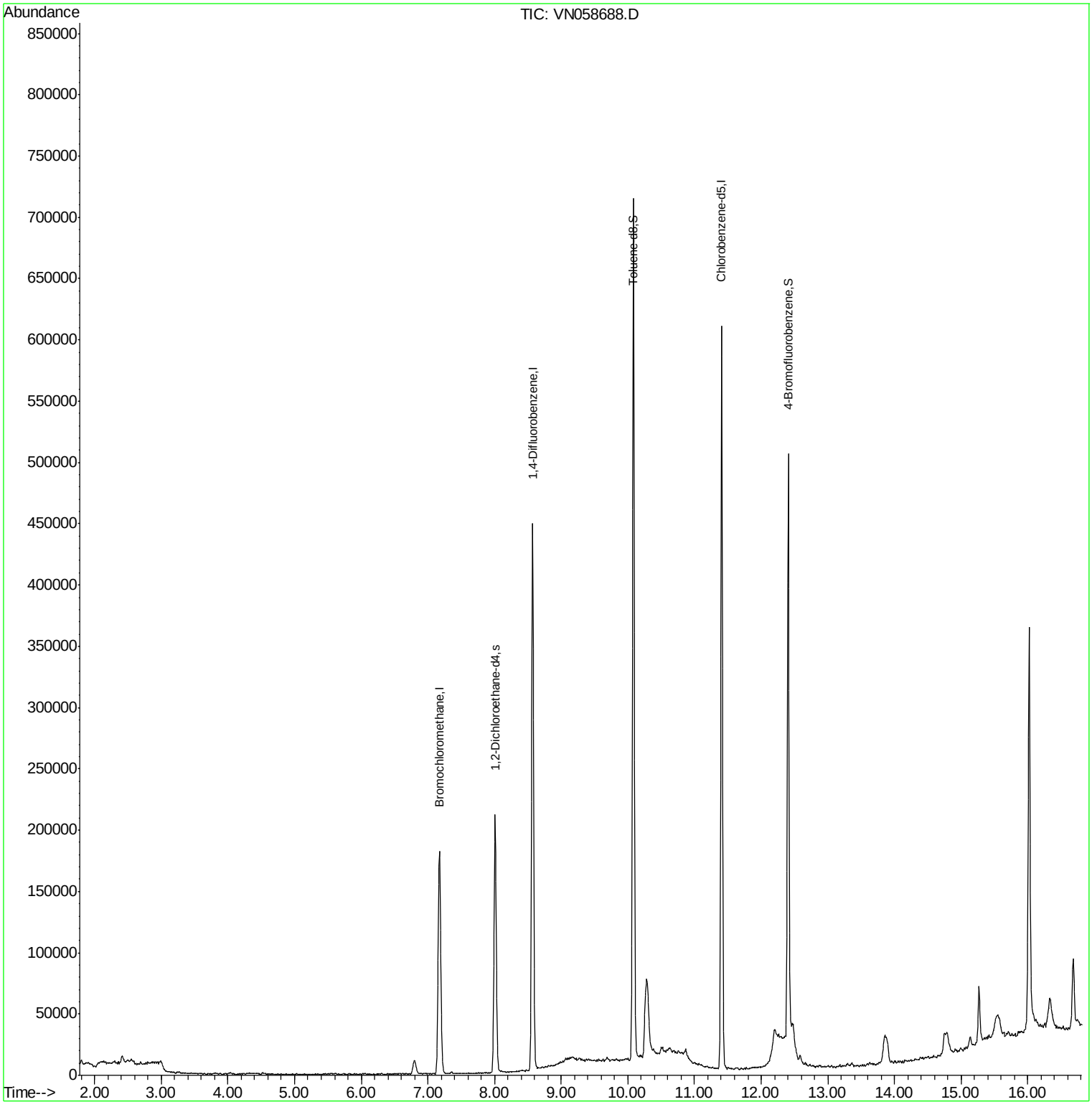
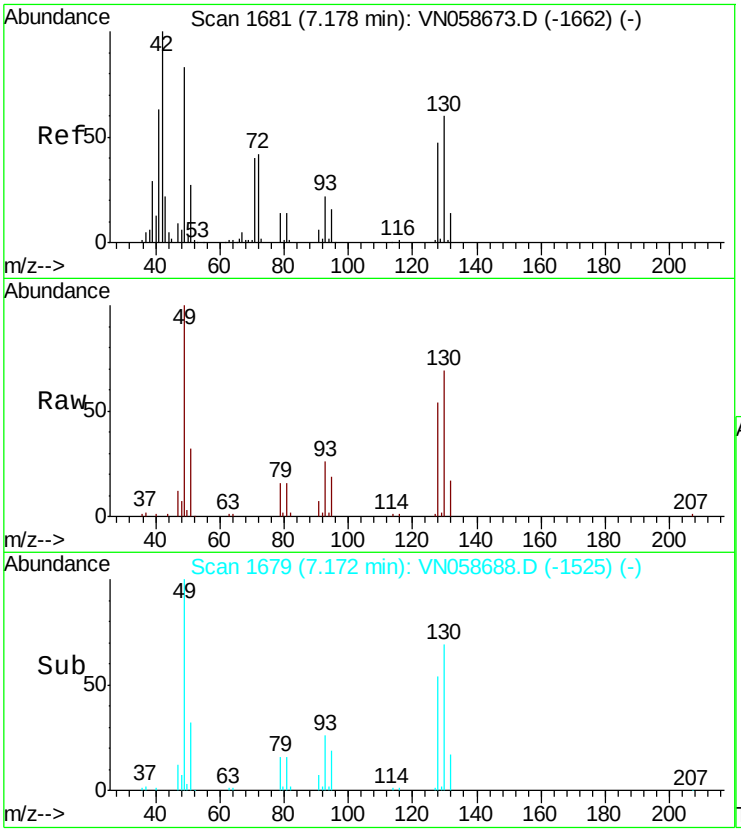


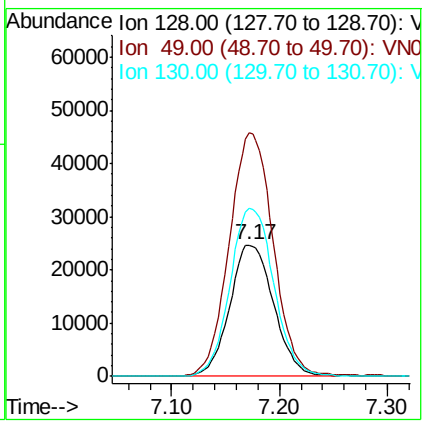


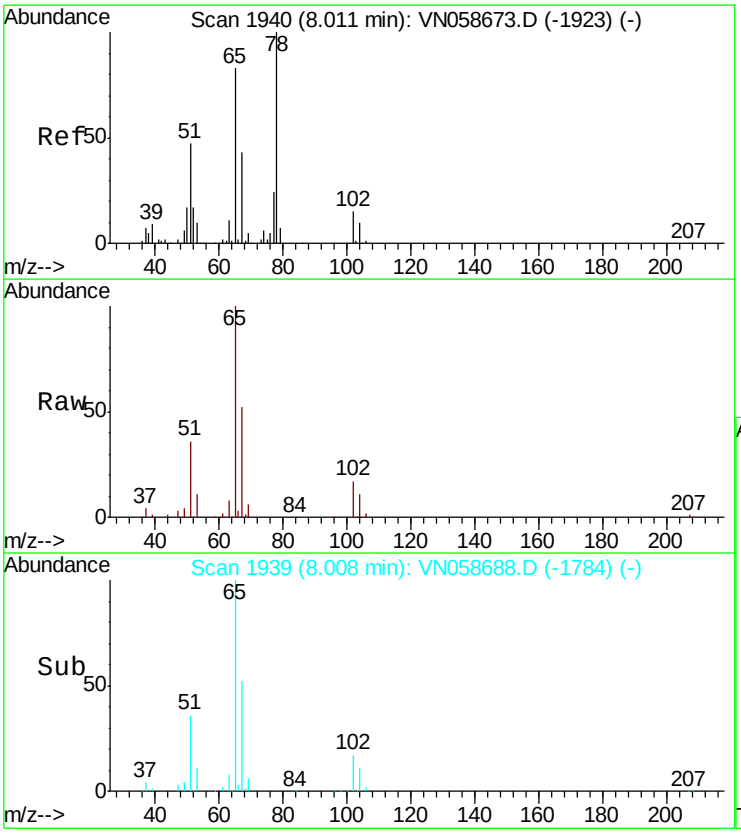

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN058688.D
Acq: 11 Oct 2019 9:17

**Instrument :** MSVOA_N
**ClientSampleId :** VN1012WBL01

Tgt Ion:128 Resp: 69868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 184.7 | 0.0 | 453.5 |
| 130 | 128.2 | 0.0 | 314.2 |

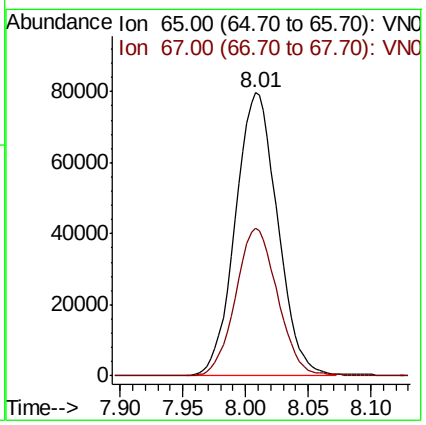


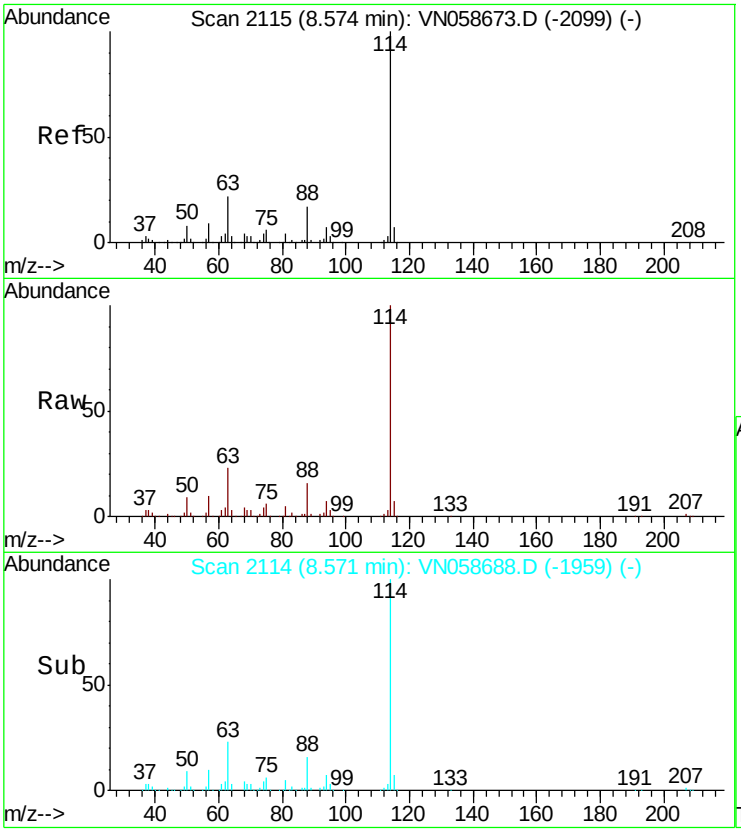




#27
1,2-Dichloroethane-d4
Concen: 31.435 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. -0.00 min
Lab File: VN058688.D
Acq: 11 Oct 2019 9:17

Tgt Ion: 65 Resp: 186407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.7 | 41.5 | 62.3 |



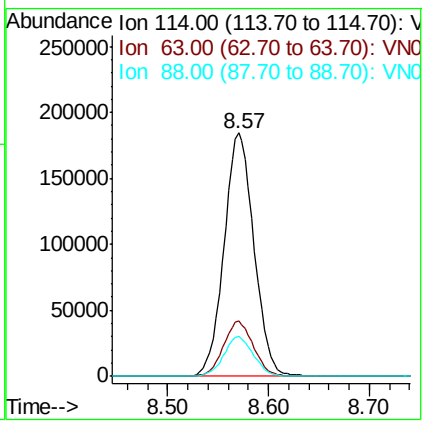


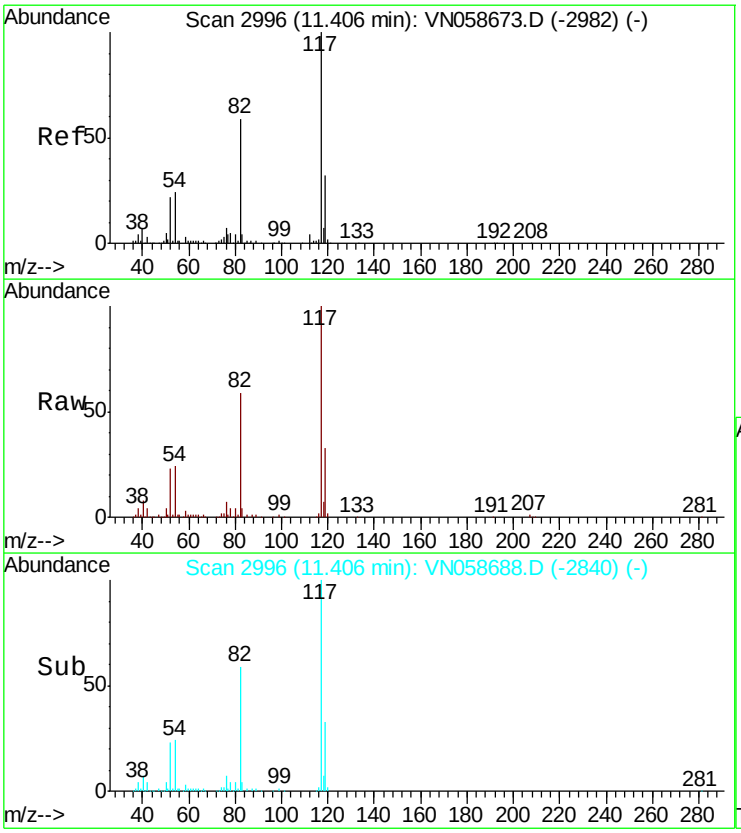

#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VN058688.D
Acq: 11 Oct 2019 9:17

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1012WBL01

Tgt Ion:114 Resp: 380958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.7 | 18.1 | 27.1 |
| 88 | 16.2 | 13.0 | 19.4 |

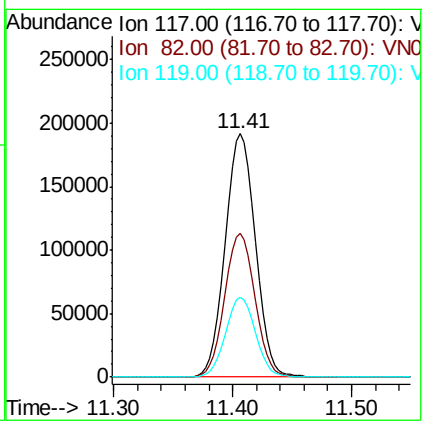


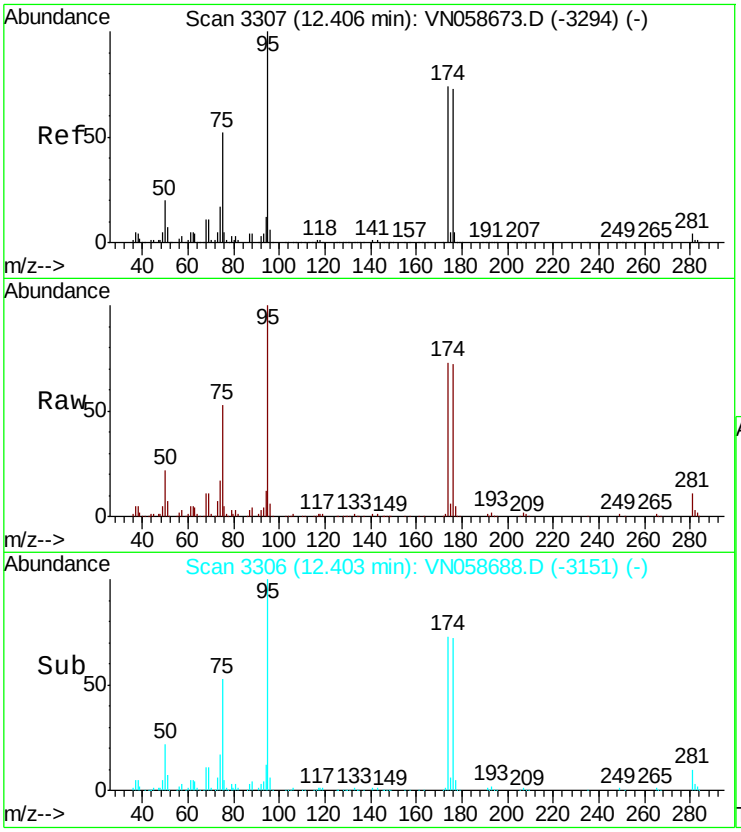




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058688.D
Acq: 11 Oct 2019 9:17

Tgt Ion:117 Resp: 338696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 59.4 | 46.9 | 70.3 |
| 119 | 32.5 | 25.8 | 38.6 |



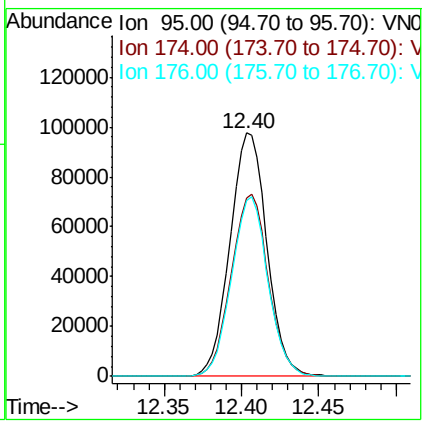


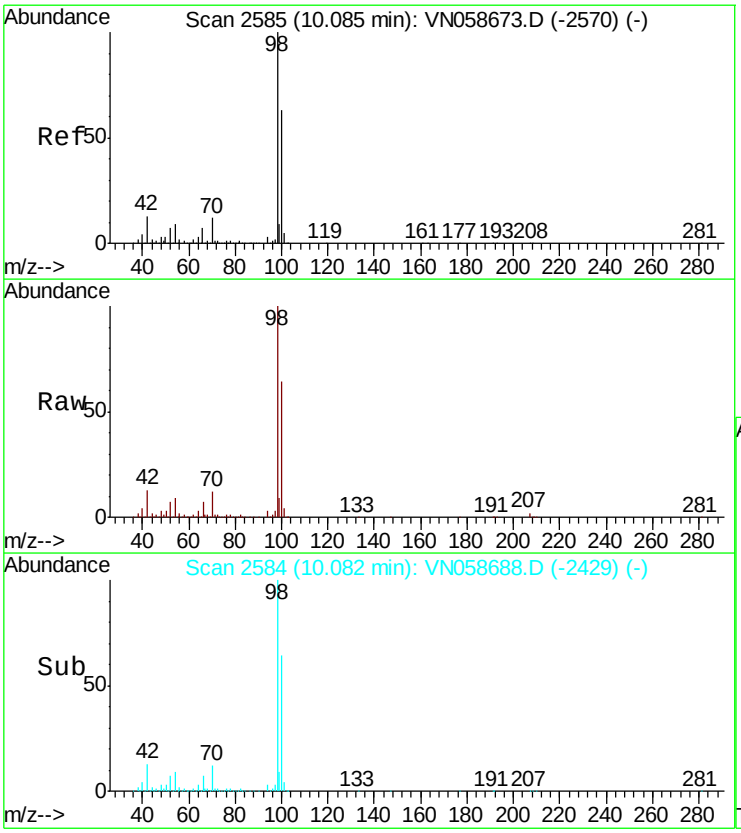

#60
4-Bromofluorobenzene
Concen: 27.339 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058688.D
Acq: 11 Oct 2019 9:17

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN1012WBL01

Tgt Ion: 95 Resp: 161973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.2 | 59.9 | 89.9 |
| 176 | 72.7 | 58.3 | 87.5 |




#63
Toluene-d8
Concen: 30.164 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN058688.D
Acq: 11 Oct 2019 9:17

Tgt Ion: 98 Resp: 482378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.0 | 50.6 | 75.8 |