Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112020\
Data File : VX019479.D
Acq On : 19 Nov 2020 20:27
Operator : JC/MD
Sample : L4820-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** TT-022-IDWGW-20201118

Quant Time: Dec 04 13:49:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X112020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 20 01:06:02 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 4.98 | 128 | 46517 | 30.00 | ug/l | 0.00 |
| 28) 1,4-Difluorobenzene | 6.83 | 114 | 255416 | 30.00 | ug/l | 0.00 |
| 57) Chlorobenzene-d5 | 10.10 | 117 | 229869 | 30.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 6.03 | 65 | 103826 | 31.06 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 91 - 110 | | Recovery = 103.53% | | | |
| 60) 4-Bromofluorobenzene | 11.12 | 95 | 102108 | 27.24 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 63 - 112 | | Recovery = 90.80% | | | |
| 63) Toluene-d8 | 8.70 | 98 | 304787 | 29.75 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 91 - 112 | | Recovery = 99.17% | | | |

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

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

Quantitation Report (LSC Reviewed)

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Data File : VX019479.D
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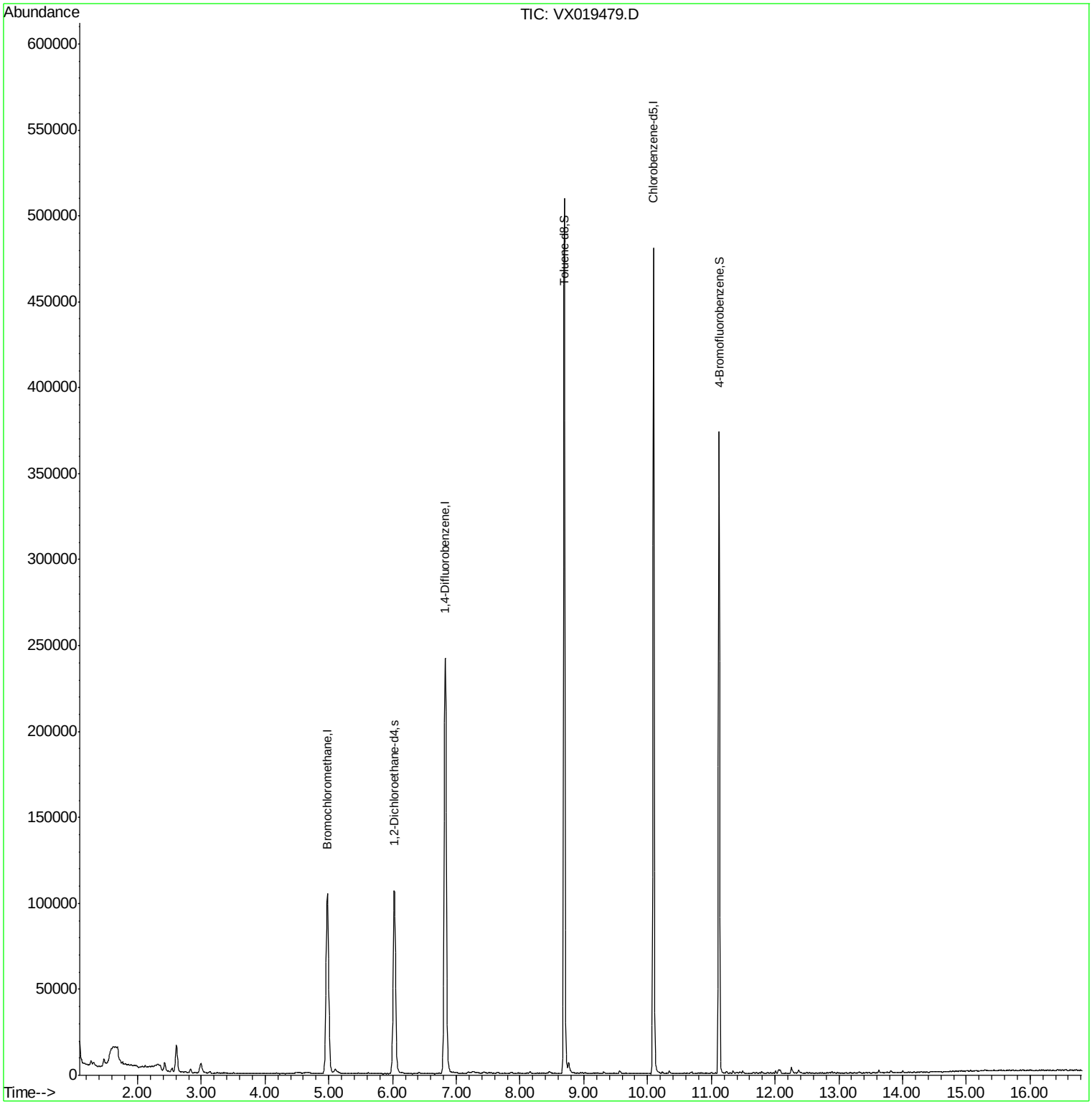
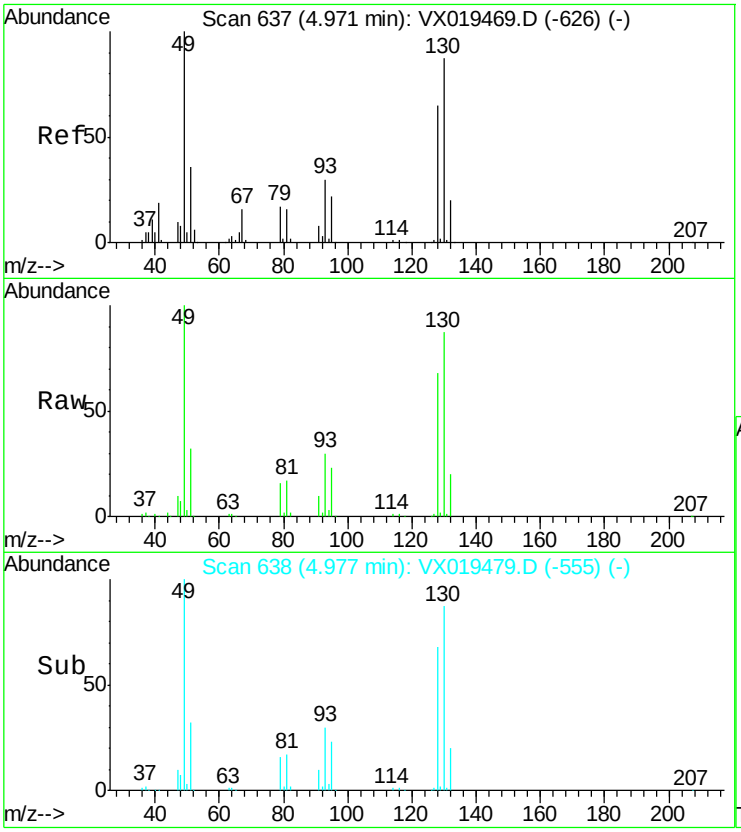
Sample : L4820-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT-022-IDWGW-20201118

Quant Time: Dec 04 13:49:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X112020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 20 01:06:02 2020
Response via : Initial Calibration



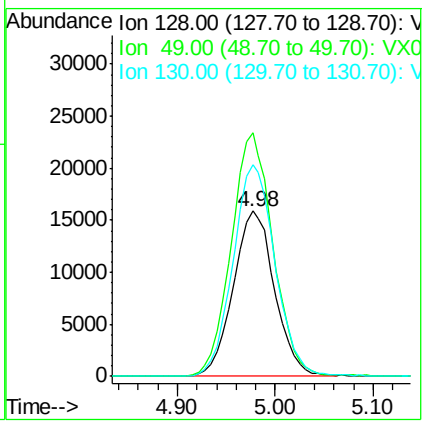


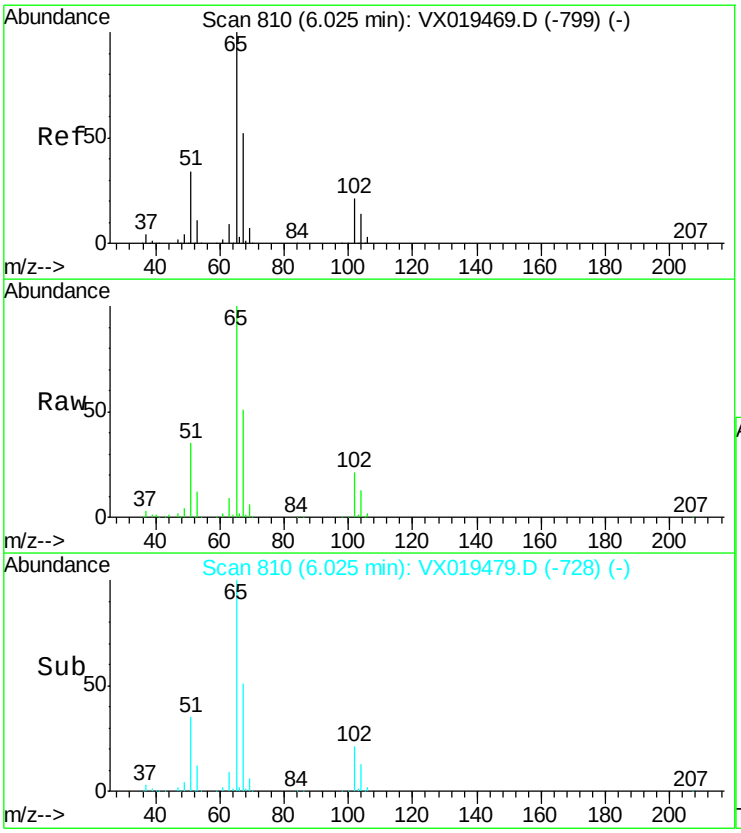

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT-022-IDWGW-20201118

Tgt Ion:128 Resp: 46517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 148.7 | 0.0 | 377.8 |
| 130 | 130.3 | 0.0 | 324.0 |

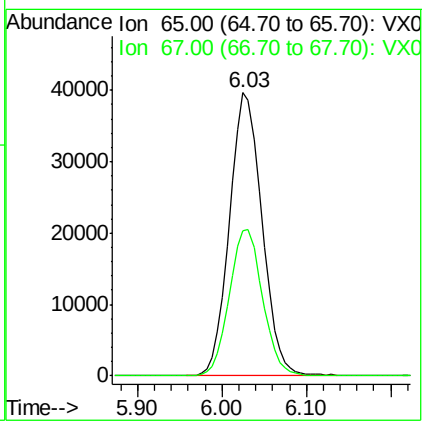


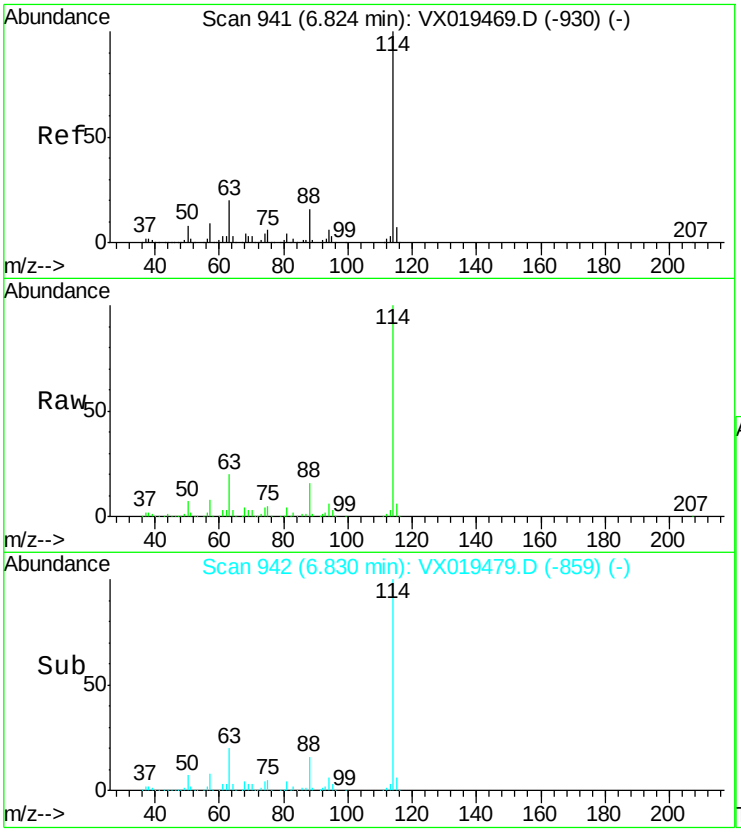




#27
1,2-Dichloroethane-d4
Concen: 31.055 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

Tgt Ion: 65 Resp: 103826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.7 | 42.2 | 63.2 |



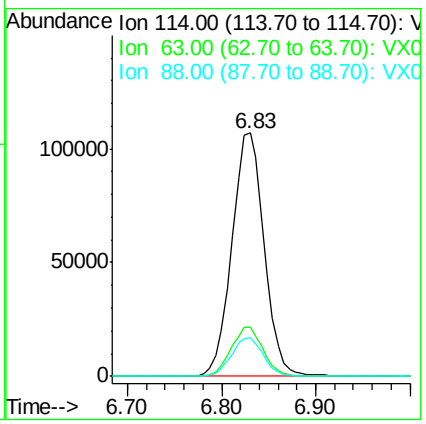


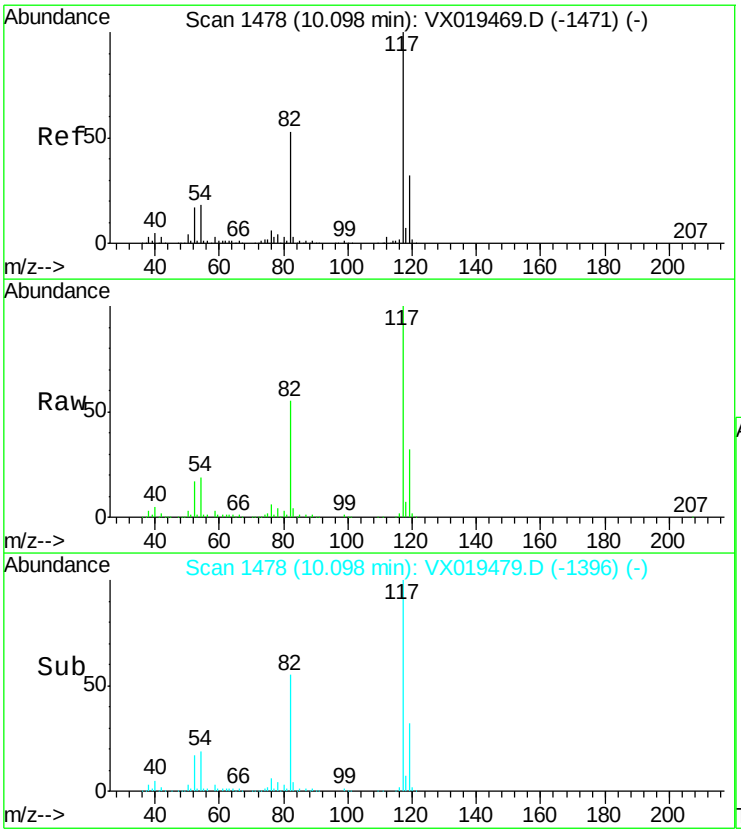

#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT-022-IDWGW-20201118

Tgt Ion:114 Resp: 255416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.0 | 16.2 | 24.2 |
| 88 | 15.9 | 12.9 | 19.3 |

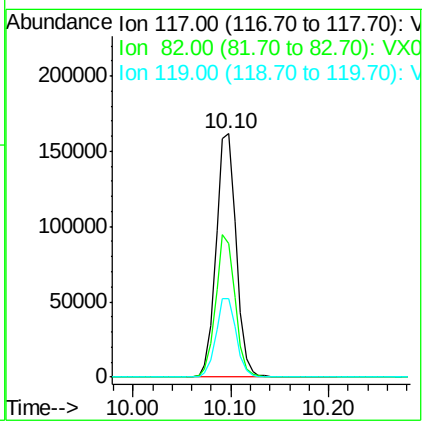


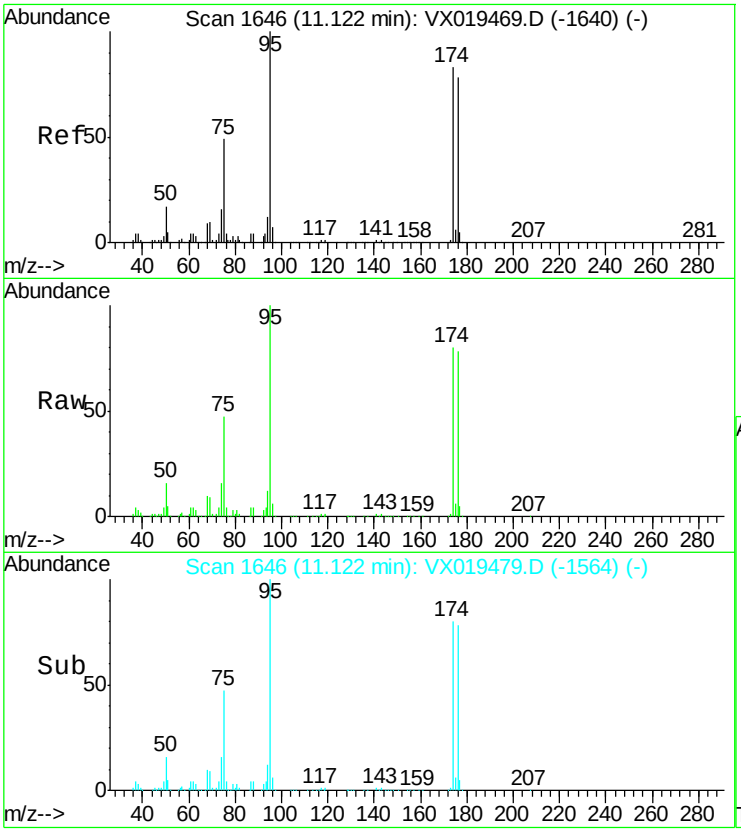




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

Tgt Ion:117 Resp: 229869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.2 | 44.5 | 66.7 |
| 119 | 32.5 | 25.9 | 38.9 |



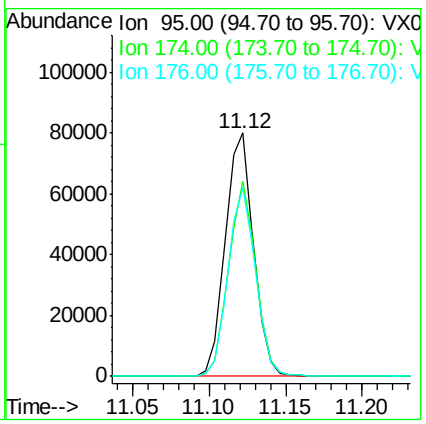


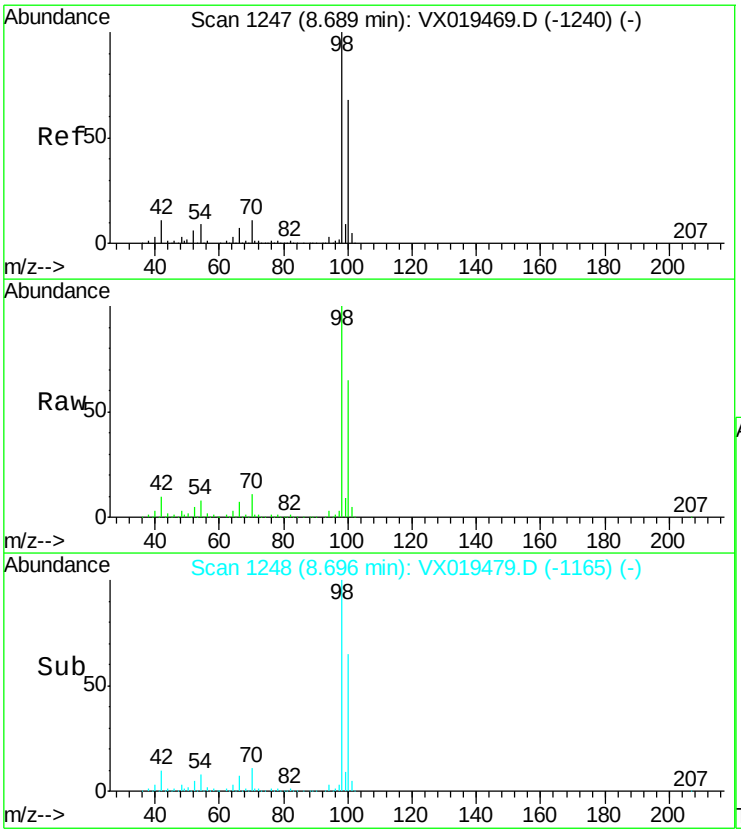

#60
4-Bromofluorobenzene
Concen: 27.237 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT-022-IDWGW-20201118

Tgt Ion: 95 Resp: 102108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.5 | 63.5 | 95.3 |
| 176 | 76.1 | 59.8 | 89.6 |




#63
Toluene-d8
Concen: 29.746 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.01 min
Lab File: VX019479.D
Acq: 19 Nov 2020 20:27

Tgt Ion: 98 Resp: 304787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.4 | 53.6 | 80.4 |