Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111920\
Data File : VN064743.D
Acq On : 19 Nov 2020 19:14
Operator : JC/MD
Sample : L4783-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** MW-10D

Quant Time: Nov 24 07:11:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.63 | 168 | 196471 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.55 | 114 | 402990 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.38 | 117 | 428832 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152 | 177111 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.99 | 65 | 198643 | 57.47 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 114.94% | | | |
| 35) Dibromofluoromethane | 7.55 | 113 | 134958 | 58.84 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 117.68% | | | |
| 50) Toluene-d8 | 10.06 | 98 | 523872 | 50.25 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.50% | | | |
| 62) 4-Bromofluorobenzene | 12.38 | 95 | 206223 | 52.93 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.86% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 11) Tert butyl alcohol | 4.74 | 59 | 99464 | 296.632 | ug/l | 100 |
| 16) Acetone | 3.78 | 43 | 14498 | 22.050 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 5.00 | 73 | 559196 | 79.118 | ug/l | 100 |

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

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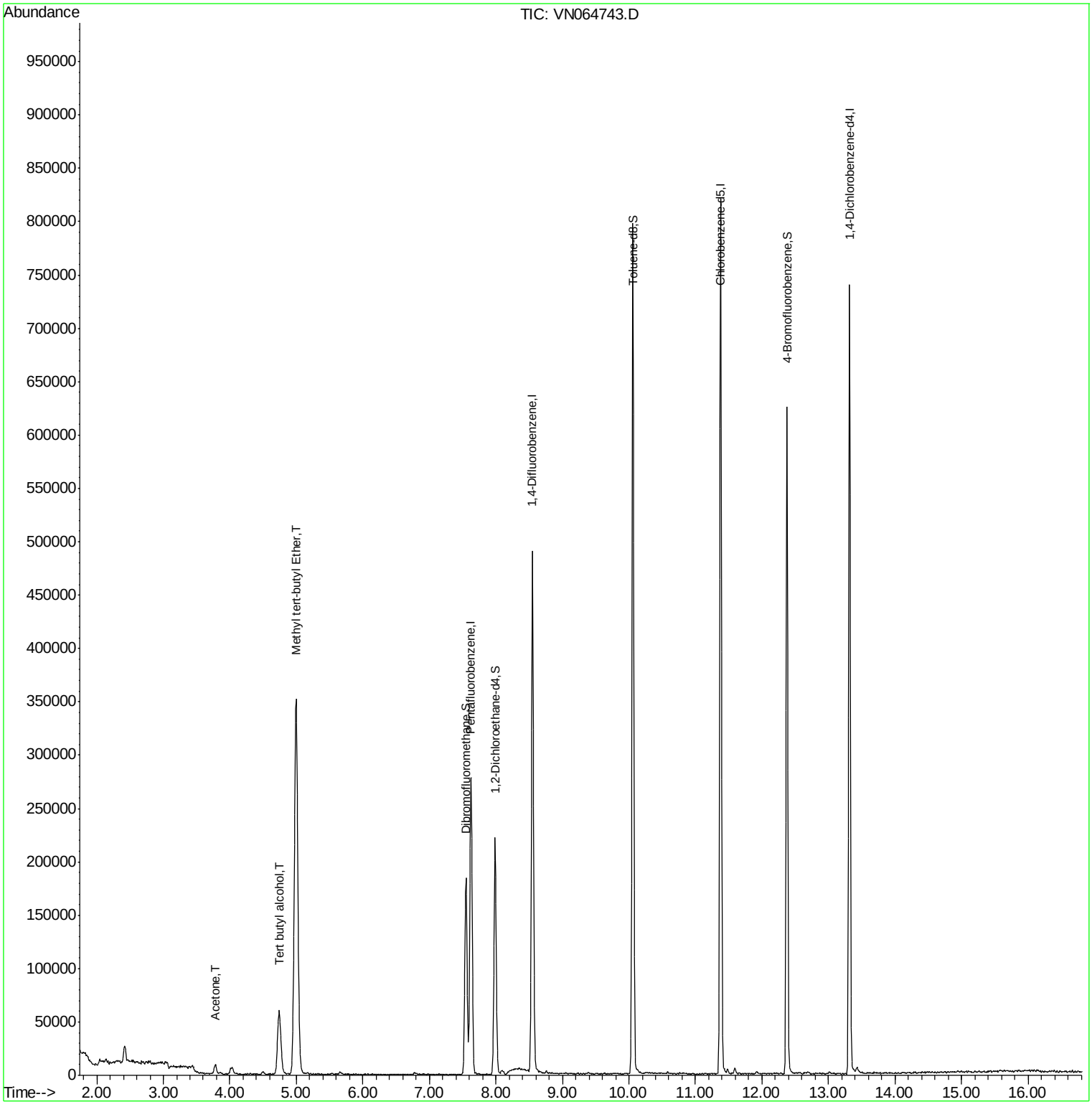
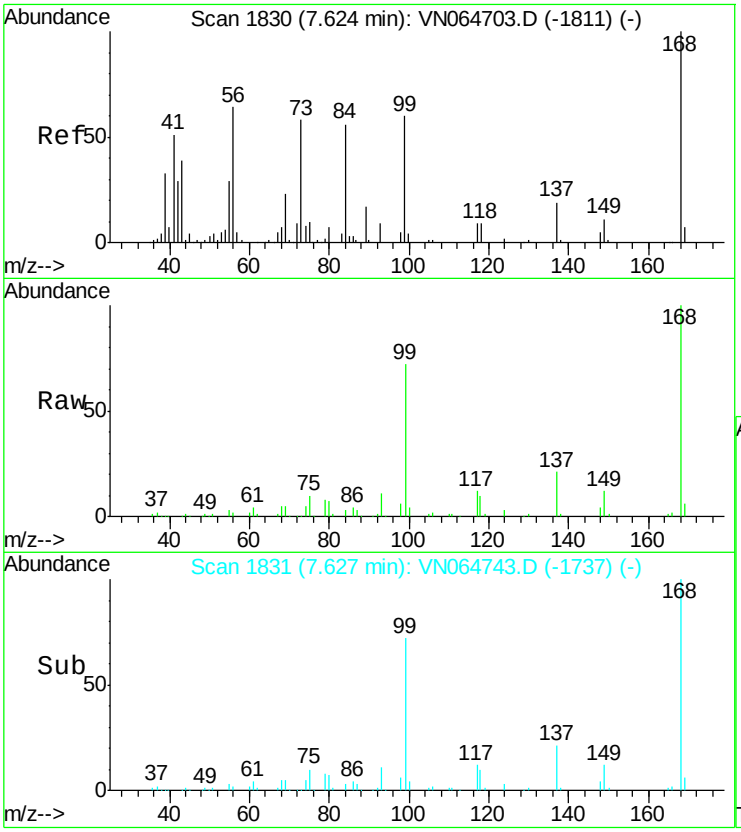


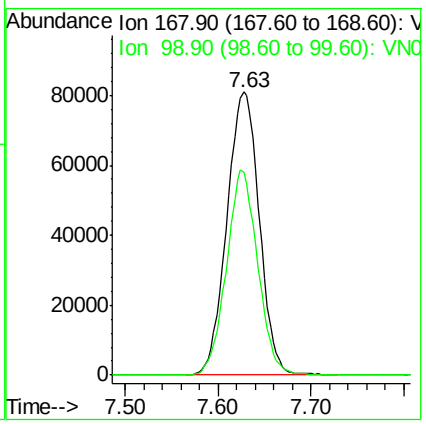


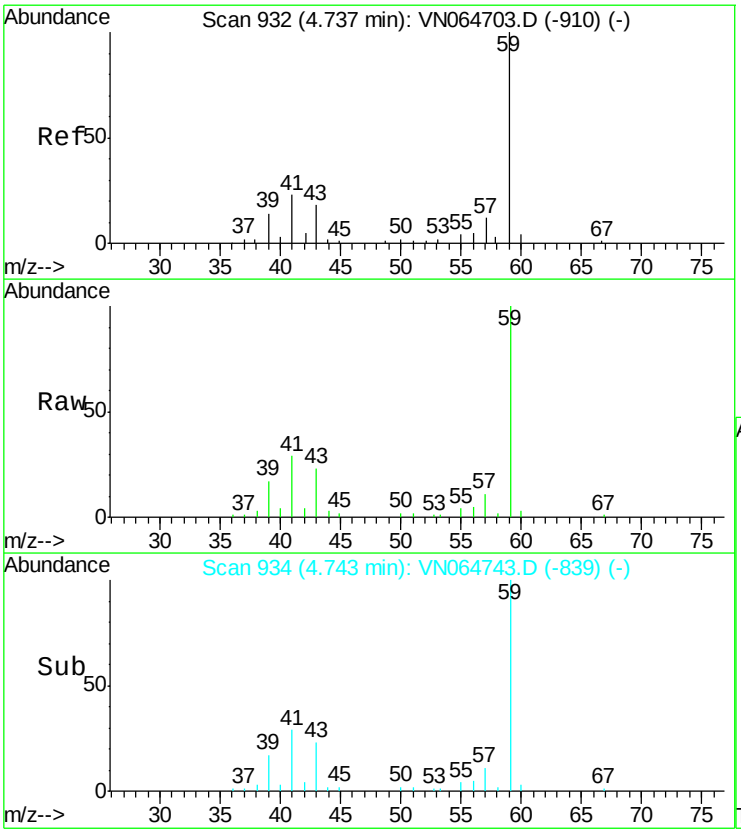

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064743.D
Acq: 19 Nov 2020 19:14

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-10D

Tgt Ion:168 Resp: 196471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 71.9 | 55.7 | 83.5 |

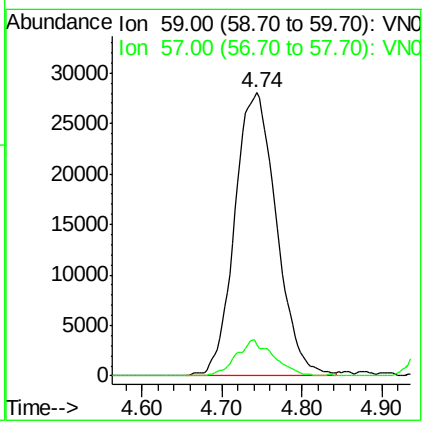


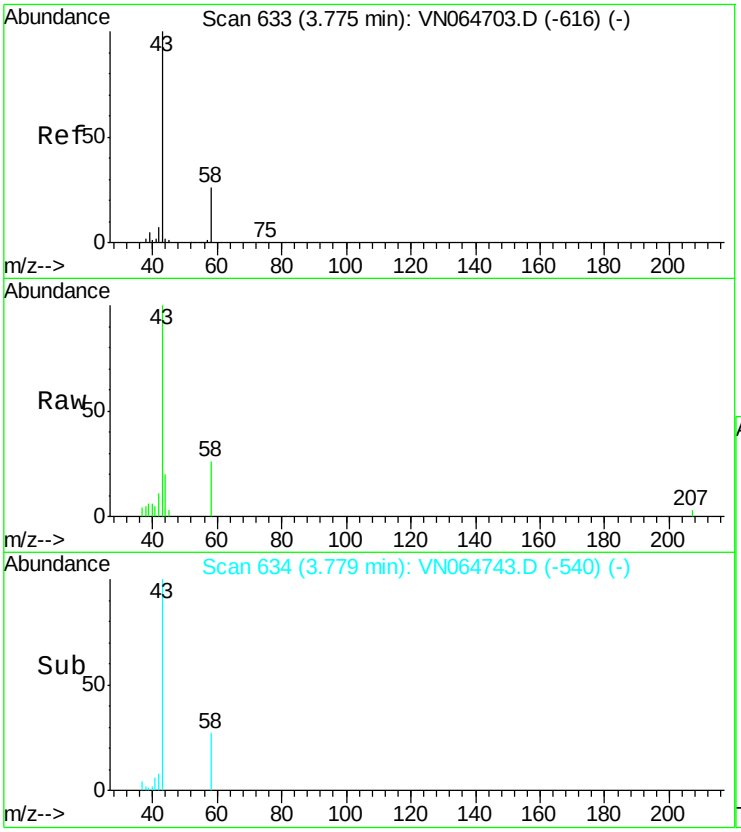




#11
Tert butyl alcohol
Concen: 296.632 ug/l
RT: 4.74 min Scan# 934
Delta R.T. 0.01 min
Lab File: VN064743.D
Acq: 19 Nov 2020 19:14

Tgt Ion: 59 Resp: 99464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 11.4 | 9.1 | 13.7 |



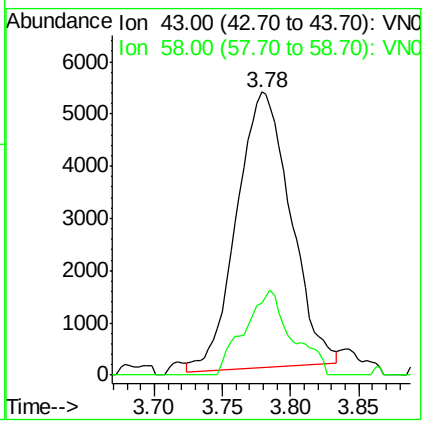


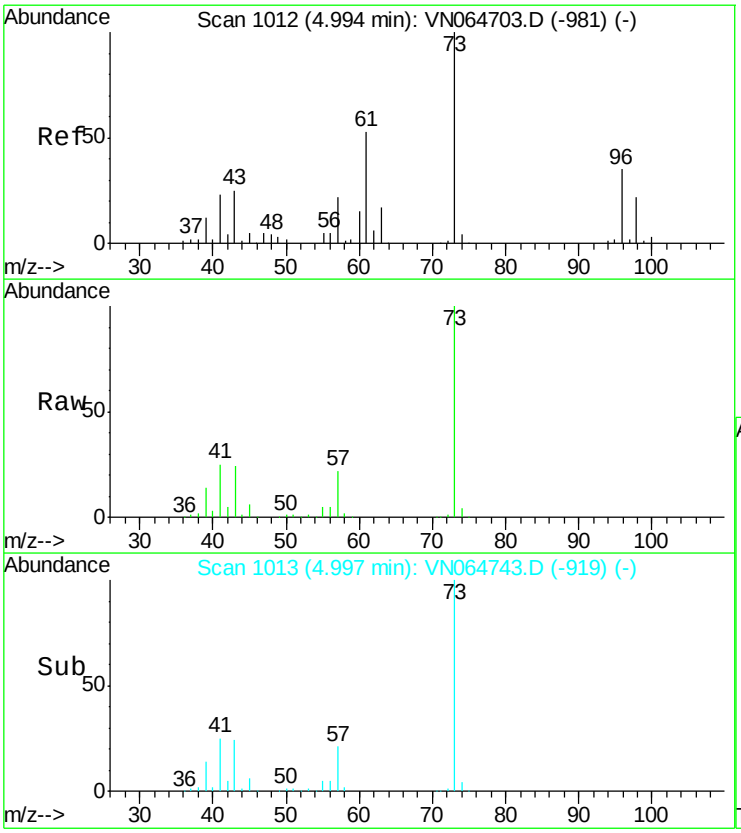

#16
Acetone
Concen: 22.050 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.00 min
Lab File: VN064743.D
Acq: 19 Nov 2020 19:14

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-10D

Tgt Ion: 43 Resp: 14498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.7 | 21.2 | 31.8 |

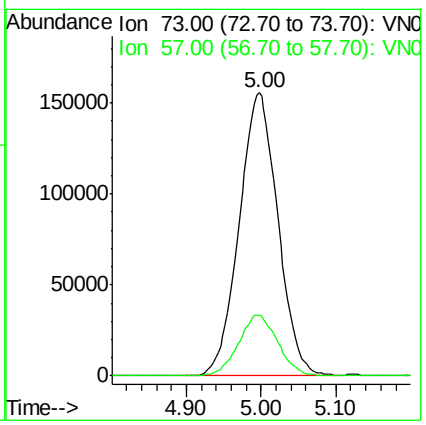


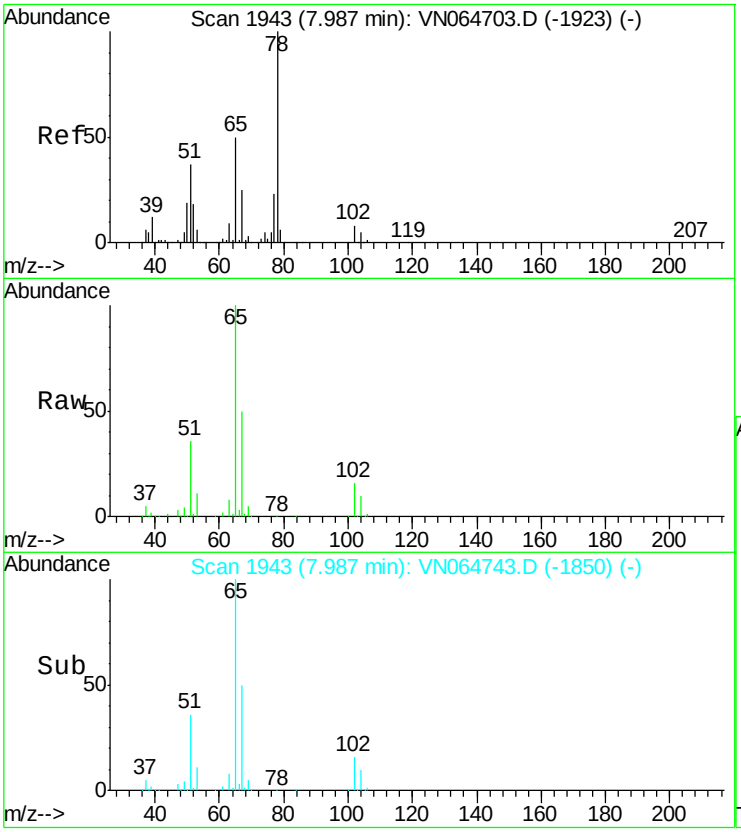




#19
Methyl tert-butyl Ether
Concen: 79.118 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064743.D
Acq: 19 Nov 2020 19:14

Tgt Ion: 73 Resp: 559196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.5 | 17.3 | 25.9 |



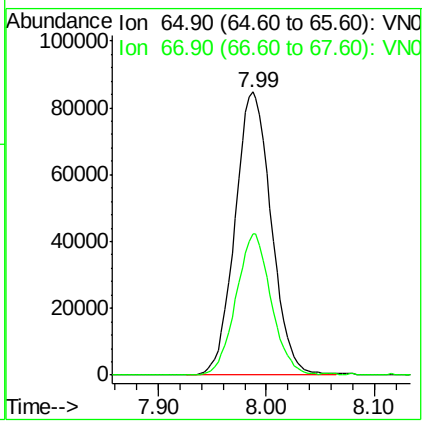


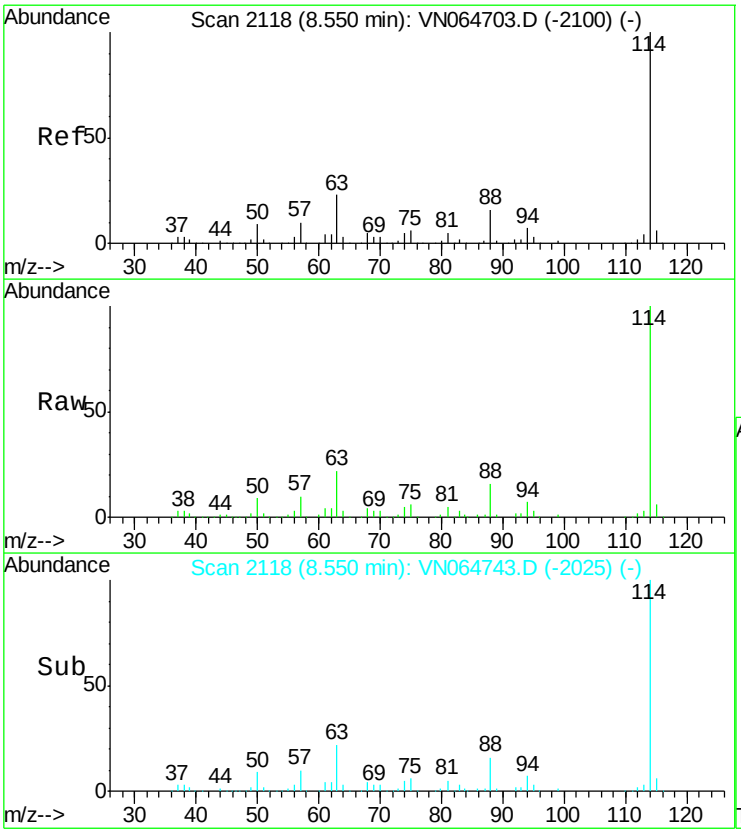

#33
1,2-Dichloroethane-d4
Concen: 57.474 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064743.D
Acq: 19 Nov 2020 19:14

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-10D

Tgt Ion: 65 Resp: 198643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 48.2 | 0.0 | 99.8 |

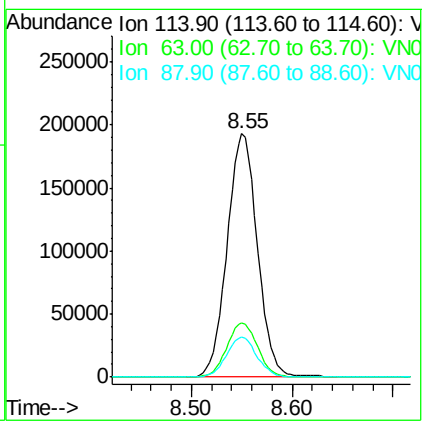


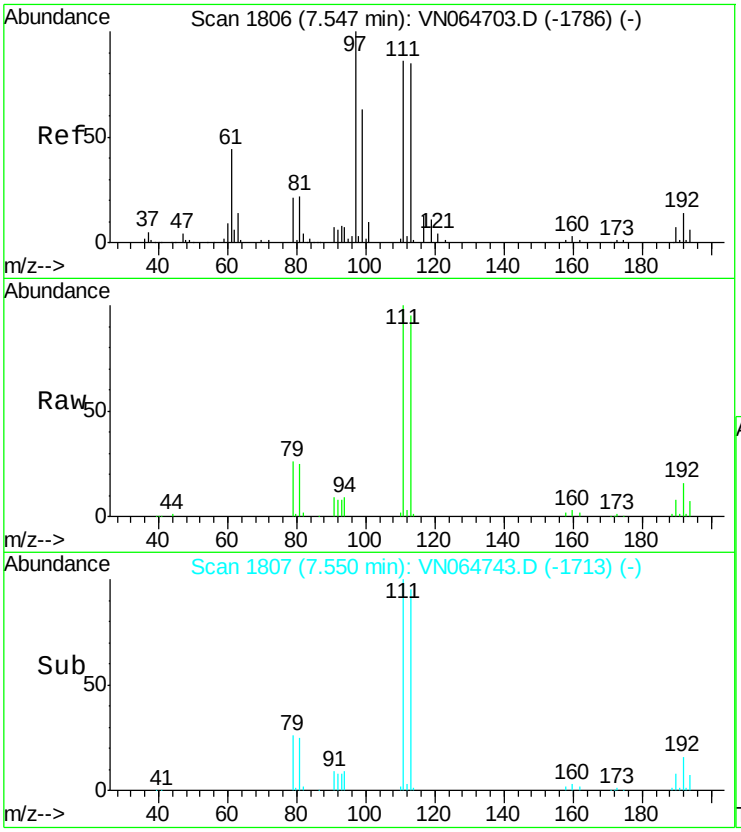




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064743.D
Acq: 19 Nov 2020 19:14

Tgt Ion:114 Resp: 402990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.5 | 0.0 | 46.0 |
| 88 | 16.3 | 0.0 | 31.2 |



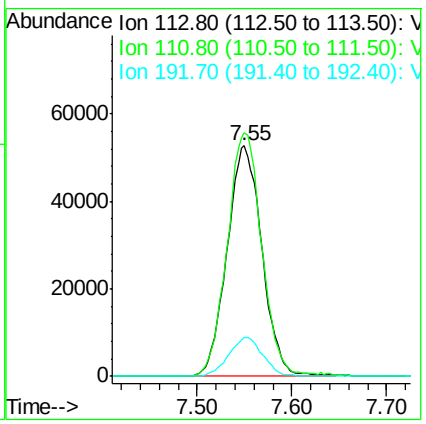


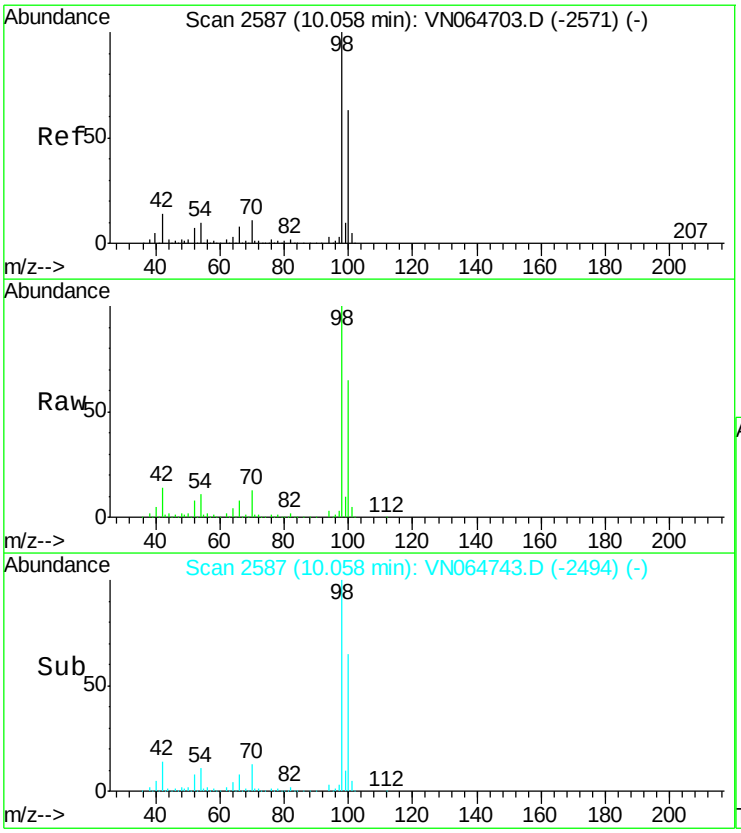

#35
Dibromofluoromethane
Concen: 58.838 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064743.D
Acq: 19 Nov 2020 19:14

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-10D

Tgt Ion:113 Resp: 134958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.6 | 82.2 | 123.4 |
| 192 | 16.4 | 12.7 | 19.1 |

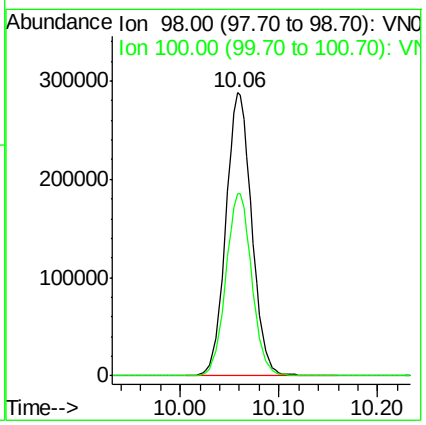


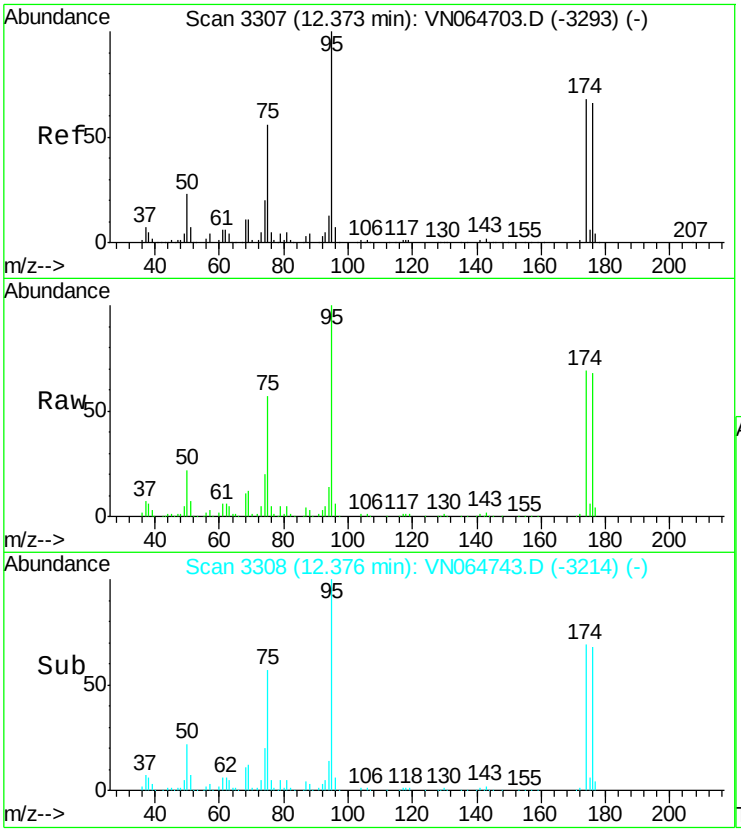




#50
Toluene-d8
Concen: 50.254 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064743.D
Acq: 19 Nov 2020 19:14

Tgt Ion: 98 Resp: 523872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.3 | 50.4 | 75.6 |



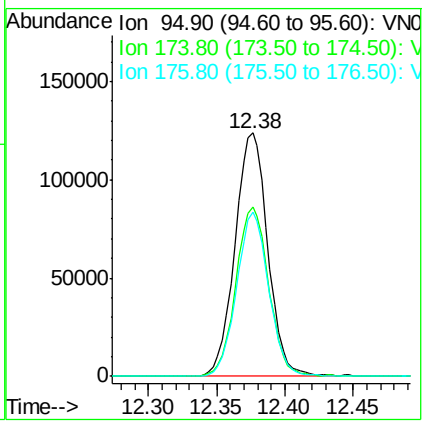


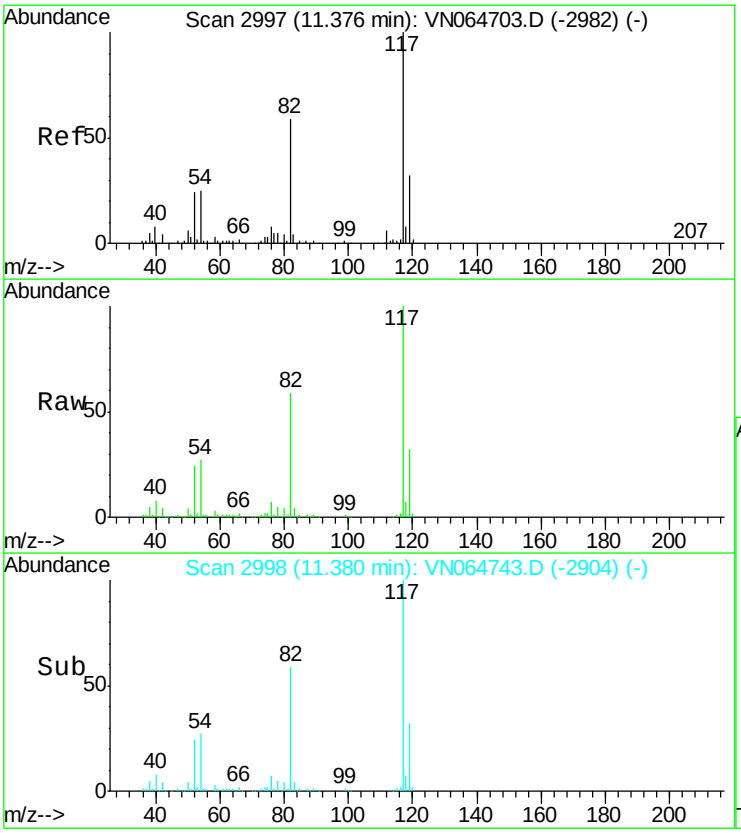

#62
4-Bromofluorobenzene
Concen: 52.926 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064743.D
Acq: 19 Nov 2020 19:14

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-10D

Tgt Ion: 95 Resp: 206223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 69.6 | 0.0 | 136.8 |
| 176 | 65.9 | 0.0 | 134.2 |

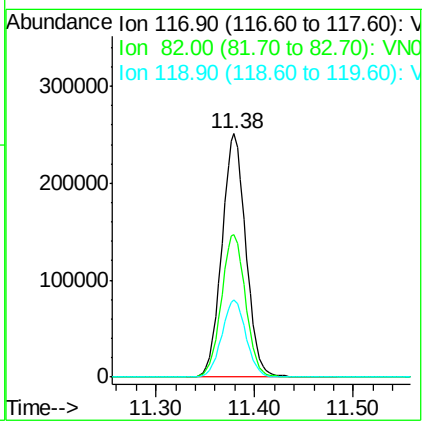


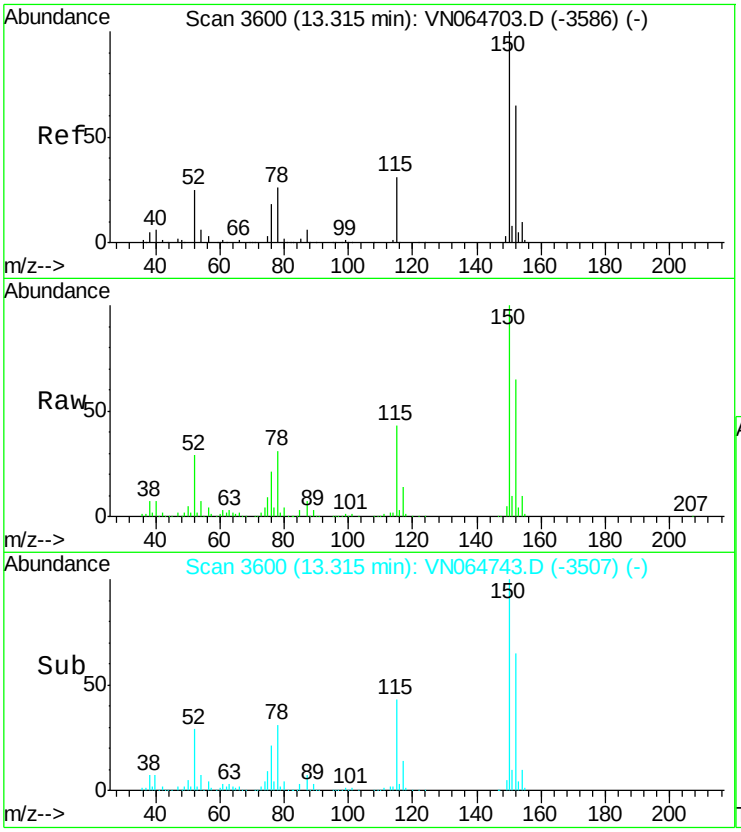




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064743.D
Acq: 19 Nov 2020 19:14

Tgt Ion:117 Resp: 428832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 58.8 | 47.0 | 70.6 |
| 119 | 31.6 | 25.4 | 38.2 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064743.D
Acq: 19 Nov 2020 19:14

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-10D

Tgt Ion:152 Resp: 177111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 66.7 | 32.1 | 96.3 |
| 150 | 157.6 | 0.0 | 344.8 |