Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040820\
Data File : VN060898.D
Acq On : 8 Apr 2020 14:09
Operator : JC/MD
Sample : PB128091ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** PB128091ZHE#02

Quant Time: Apr 09 08:54:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.64 | 168 | 198887 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.57 | 114 | 332477 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.40 | 117 | 314235 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152 | 137813 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.00 | 65 | 130128 | 47.66 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.32% | | | |
| 35) Dibromofluoromethane | 7.57 | 113 | 99692 | 49.59 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.18% | | | |
| 50) Toluene-d8 | 10.08 | 98 | 414255 | 50.45 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.90% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 152344 | 50.62 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.24% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 3.79 | 43 | 3564 | 3.685 | ug/l # | 88 |
| 20) Methylene Chloride | 4.53 | 84 | 2966 | 1.247 | ug/l | 86 |
| 43) Isopropyl Acetate | 8.14 | 43 | 58609 | 10.216 | ug/l # | 90 |

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

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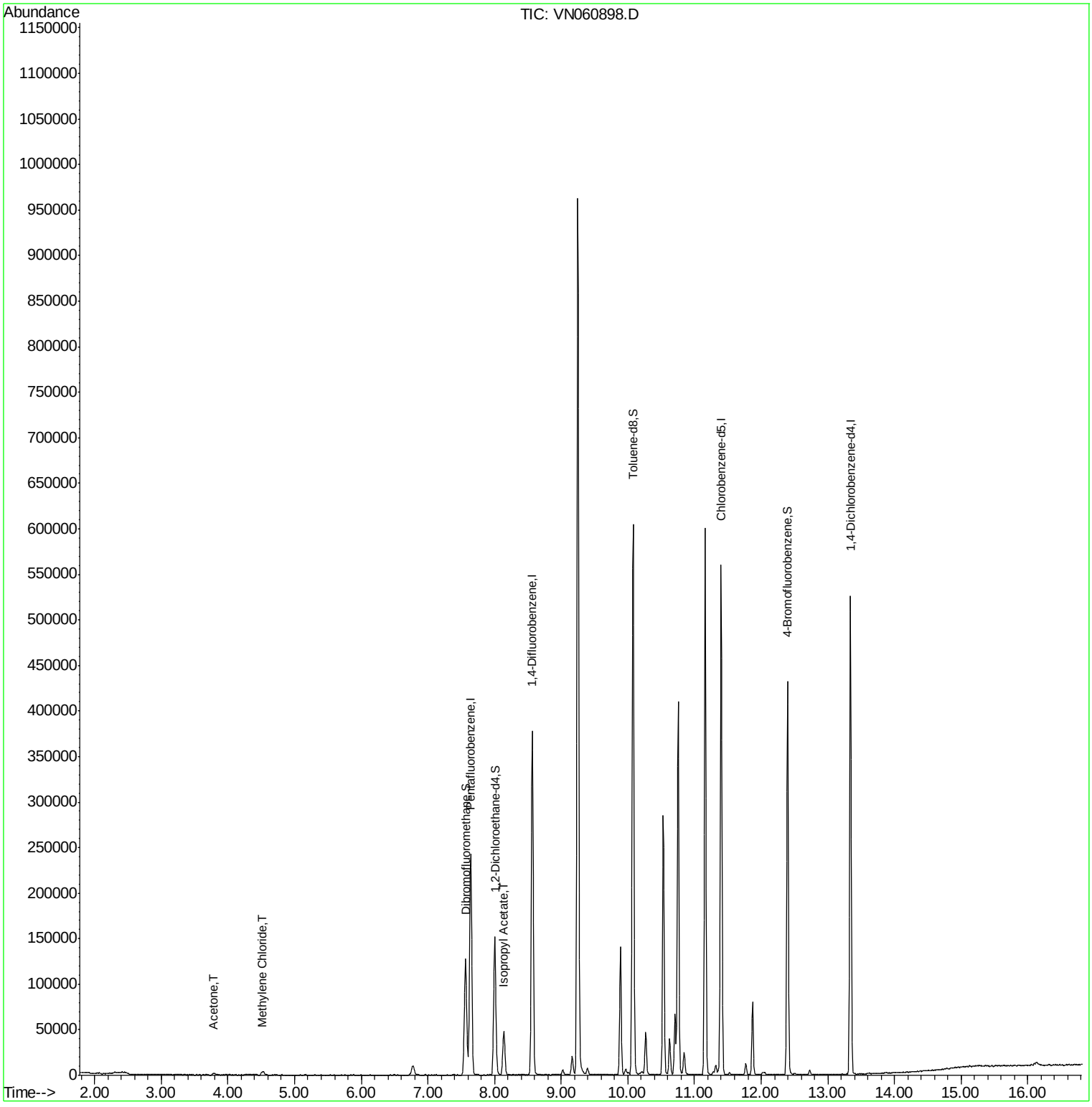
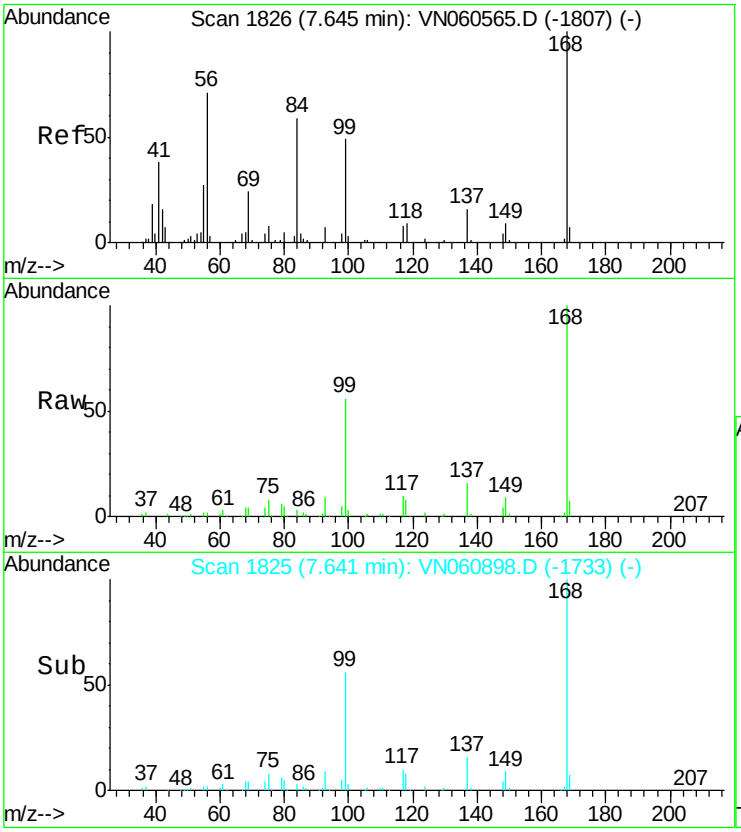


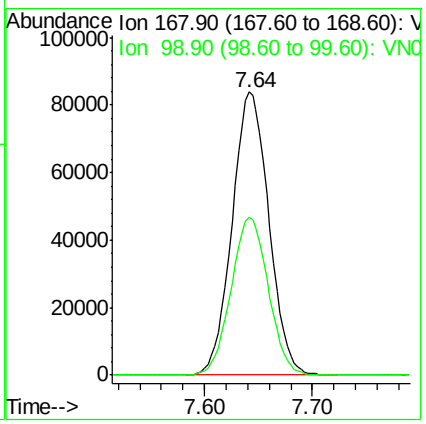


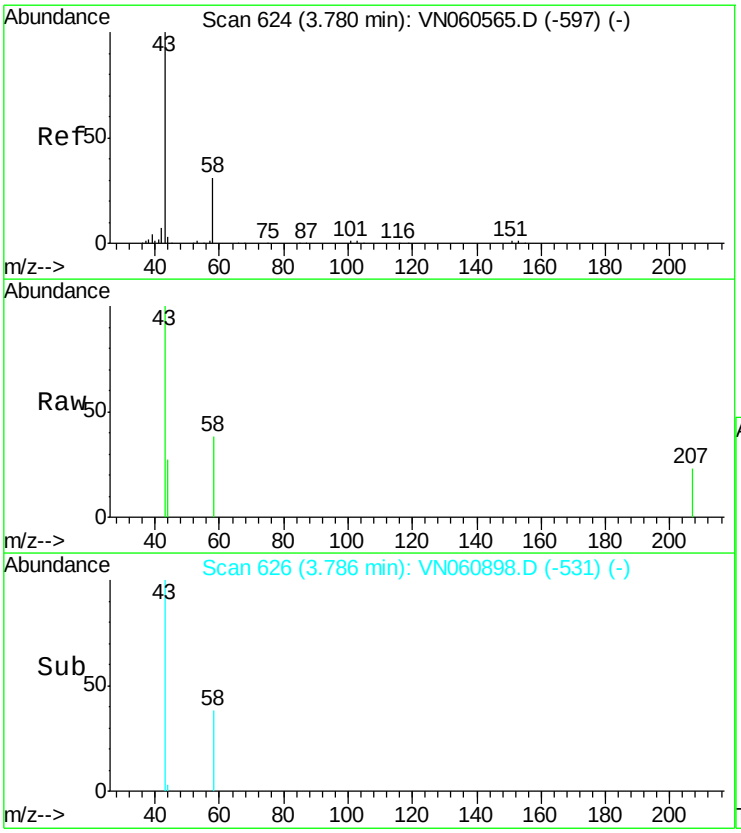

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN060898.D
Acq: 8 Apr 2020 14:09

**Instrument :**
MSVOA_N
**ClientSampleId :**
PB128091ZHE#02

Tgt Ion:168 Resp: 198887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.7 | 44.0 | 66.0 |

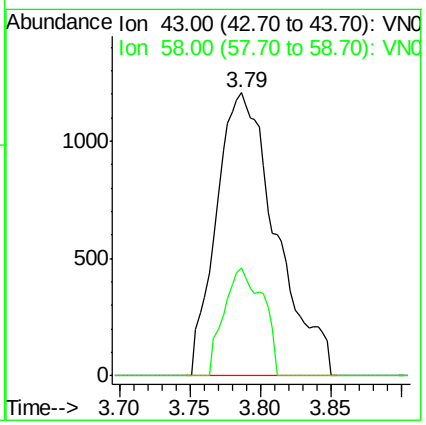


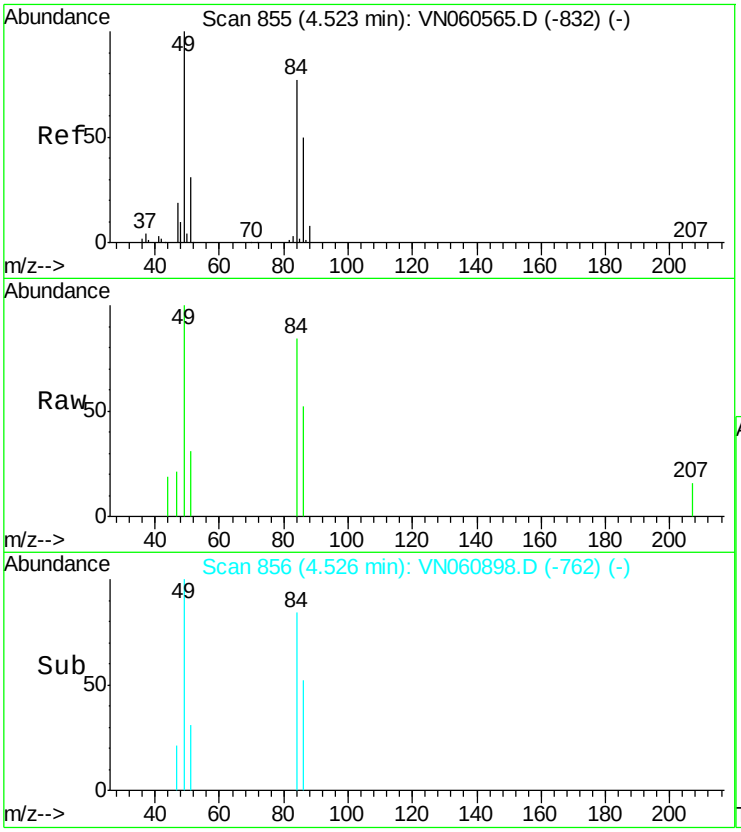




#16
Acetone
Concen: 3.685 ug/l
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN060898.D
Acq: 8 Apr 2020 14:09

Tgt Ion: 43 Resp: 3564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.2 | 25.1 | 37.7# |



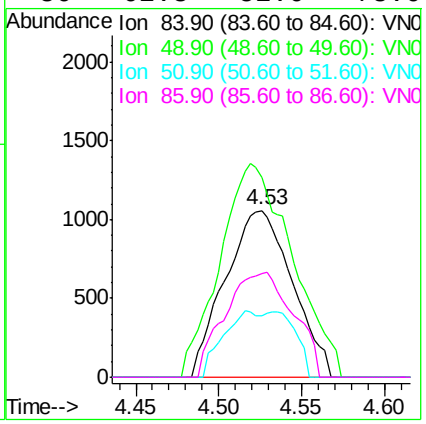


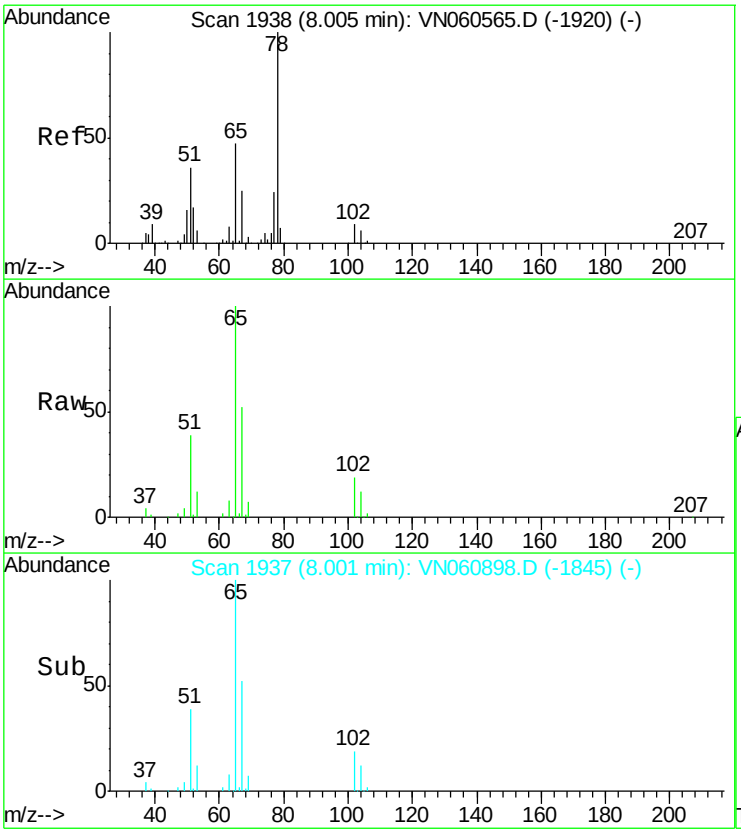

#20
Methylene Chloride
Concen: 1.247 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060898.D
Acq: 8 Apr 2020 14:09

**Instrument :** MSVOA_N
**ClientSampleId :** PB128091ZHE#02

Tgt Ion: 84 Resp: 2966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 104.5 | 103.3 | 154.9 |
| 51 | 36.6 | 31.6 | 47.4 |
| 86 | 62.3 | 52.0 | 78.0 |

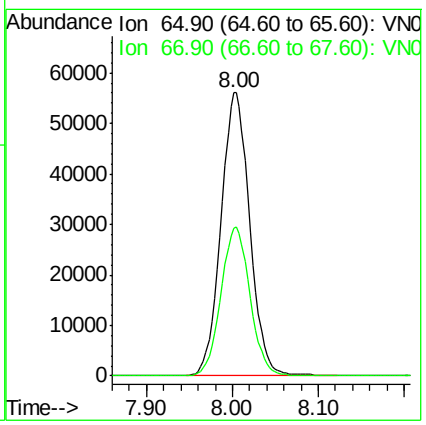


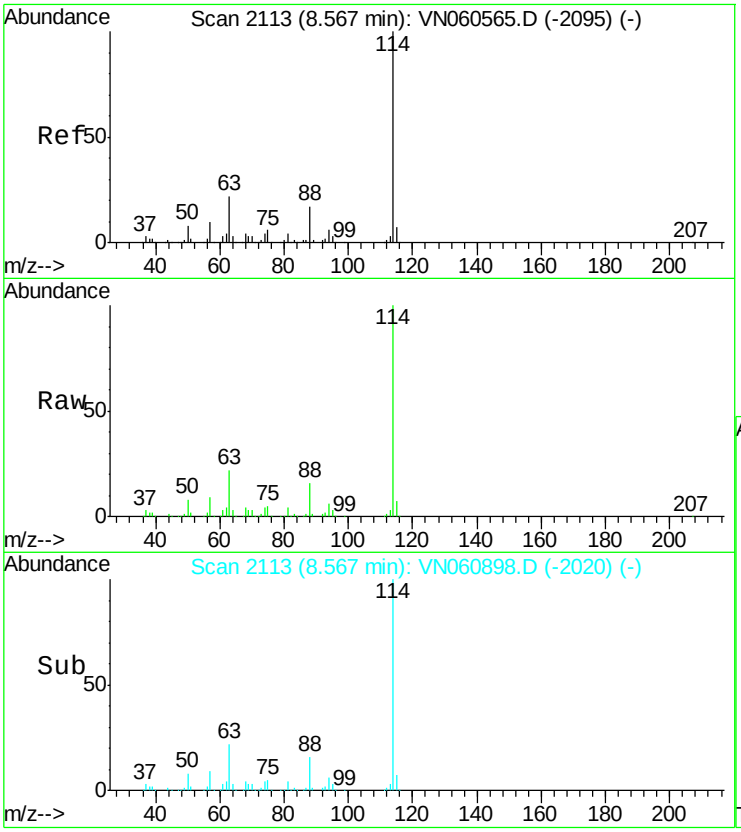




#33
1,2-Dichloroethane-d4
Concen: 47.661 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060898.D
Acq: 8 Apr 2020 14:09

Tgt Ion: 65 Resp: 130128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.1 | 0.0 | 107.6 |



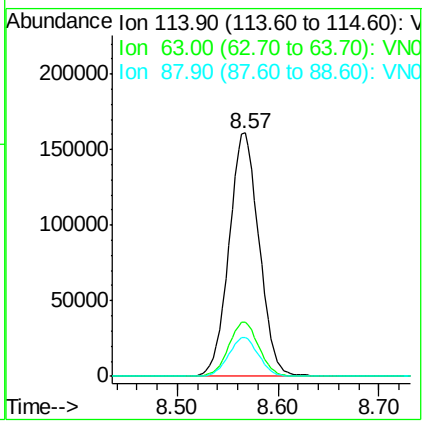


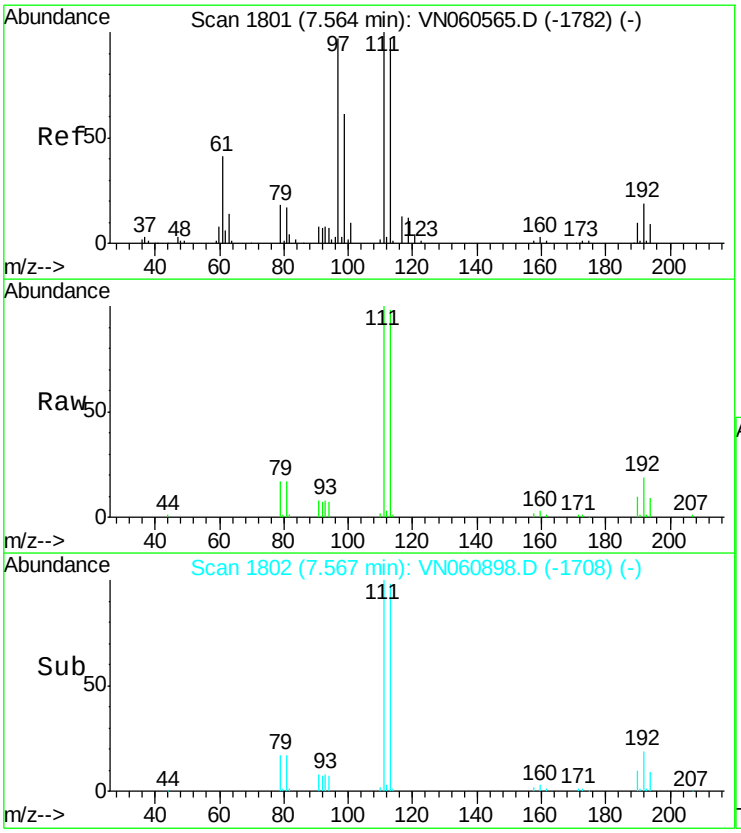

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060898.D
Acq: 8 Apr 2020 14:09

**Instrument :**
MSVOA_N
**ClientSampleId :**
PB128091ZHE#02

Tgt Ion:114 Resp: 332477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.3 | 0.0 | 43.8 |
| 88 | 16.0 | 0.0 | 33.0 |

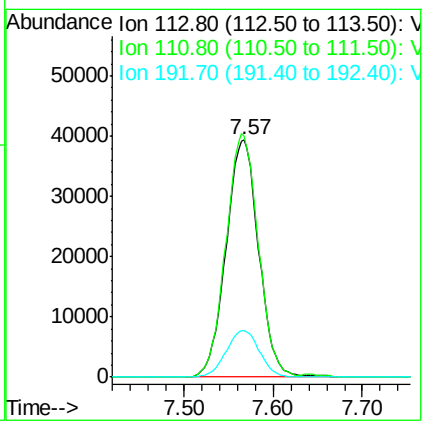


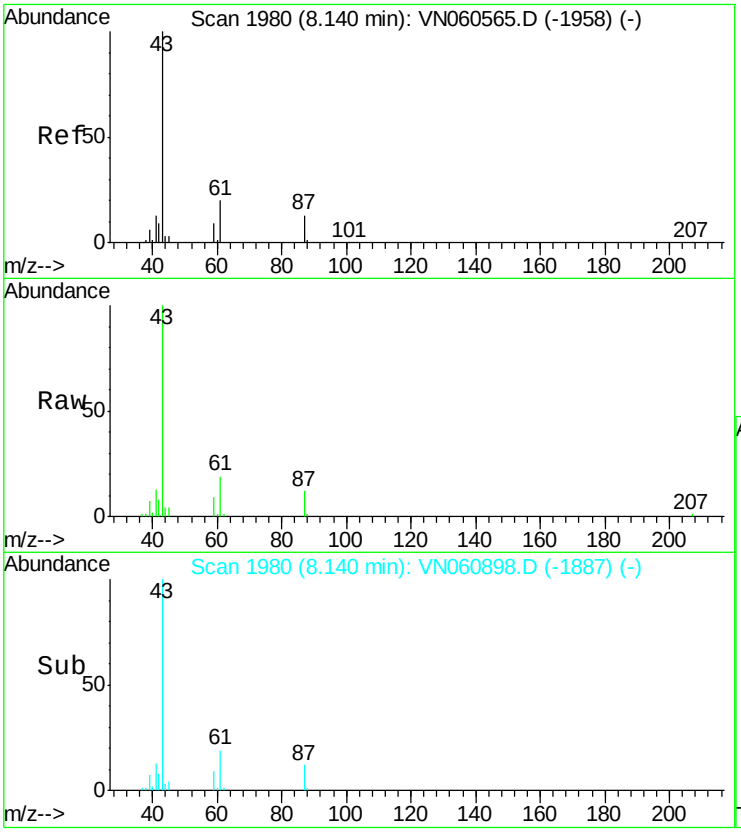




#35
Dibromofluoromethane
Concen: 49.589 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060898.D
Acq: 8 Apr 2020 14:09

Tgt Ion:113 Resp: 99692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.9 | 82.9 | 124.3 |
| 192 | 20.0 | 15.8 | 23.8 |



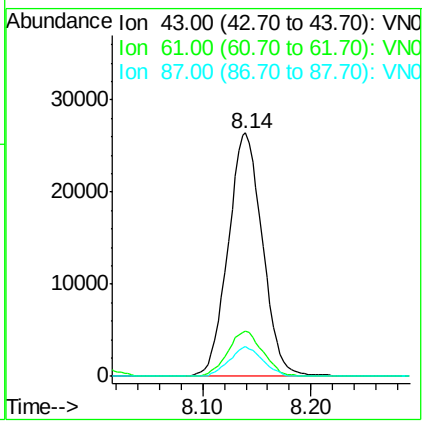


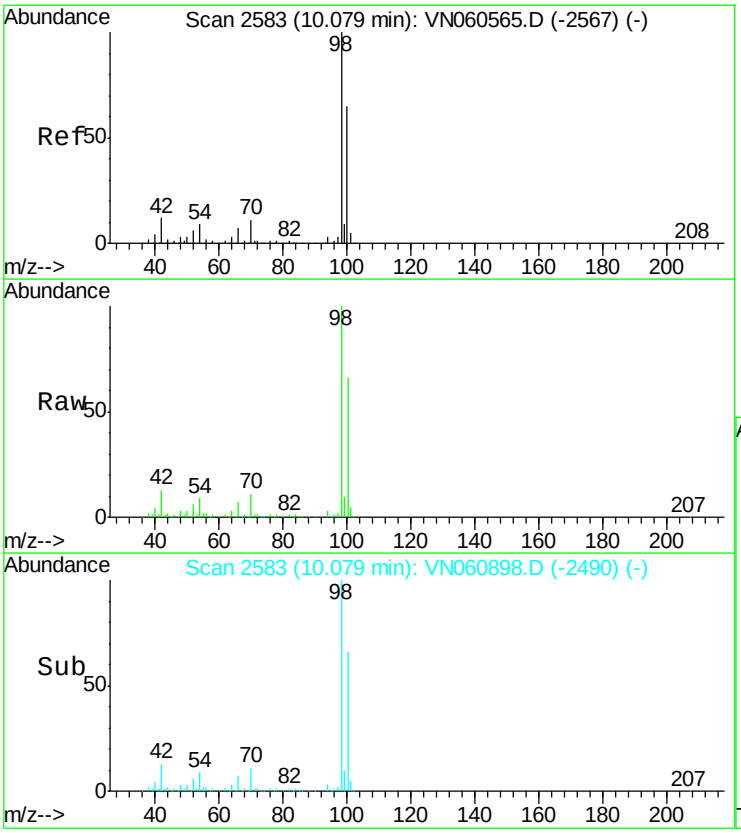

#43
Isopropyl Acetate
Concen: 10.216 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060898.D
Acq: 8 Apr 2020 14:09

**Instrument :** MSVOA_N
**ClientSampleId :** PB128091ZHE#02

Tgt Ion: 43 Resp: 58609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.7 | 20.7 | 31.1# |
| 87 | 11.7 | 9.8 | 14.8 |

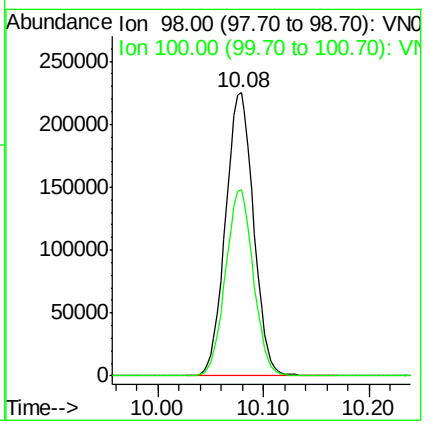


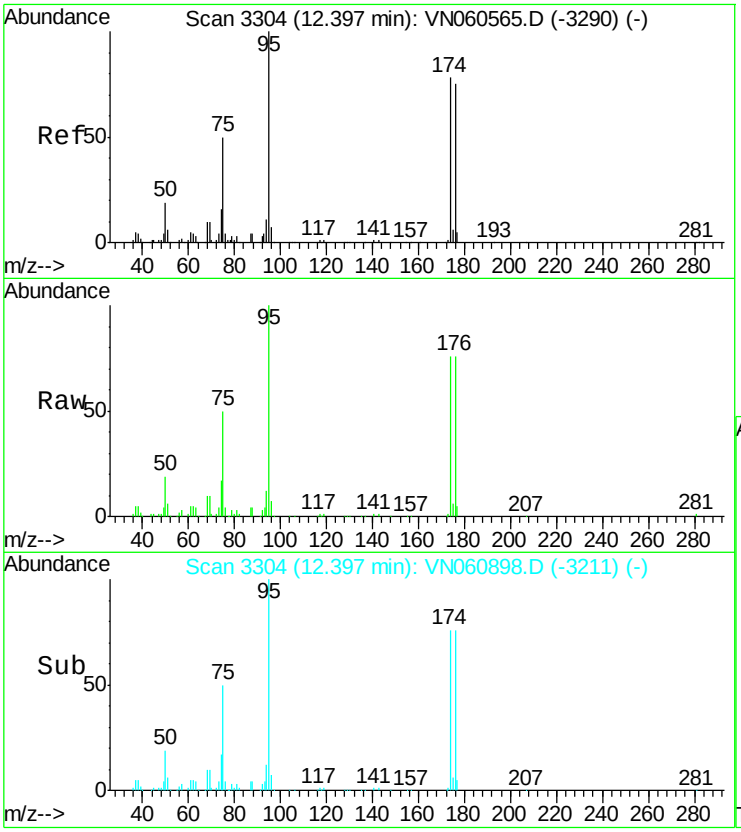




#50
Toluene-d8
Concen: 50.447 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060898.D
Acq: 8 Apr 2020 14:09

Tgt Ion: 98 Resp: 414255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.9 | 51.8 | 77.8 |



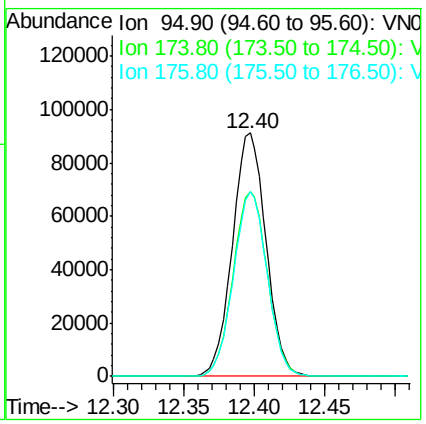


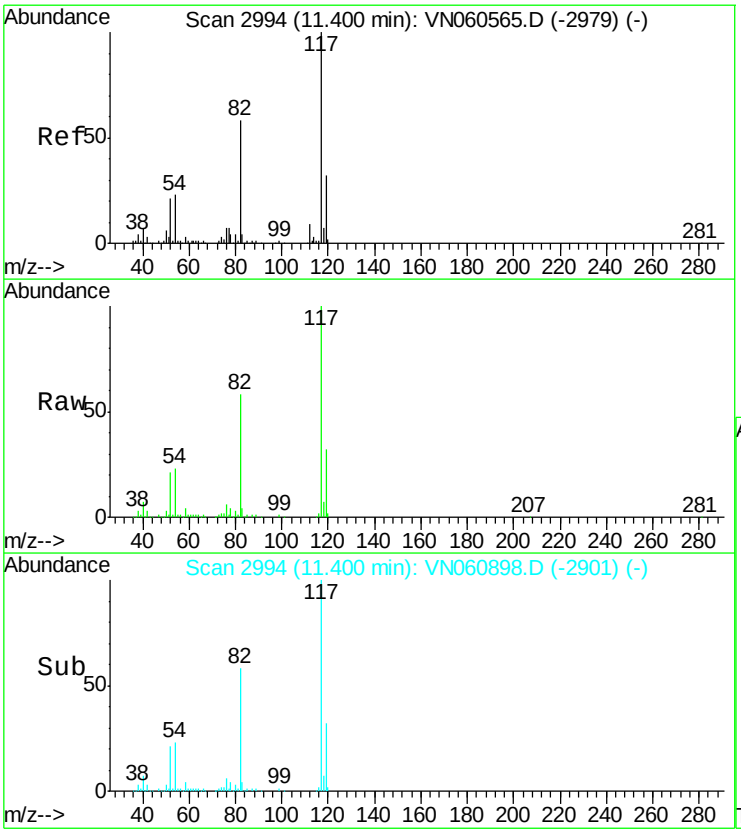

#62
4-Bromofluorobenzene
Concen: 50.622 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060898.D
Acq: 8 Apr 2020 14:09

**Instrument :**
MSVOA_N
**ClientSampleId :**
PB128091ZHE#02

Tgt Ion: 95 Resp: 152344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.3 | 0.0 | 157.6 |
| 176 | 76.1 | 0.0 | 150.6 |

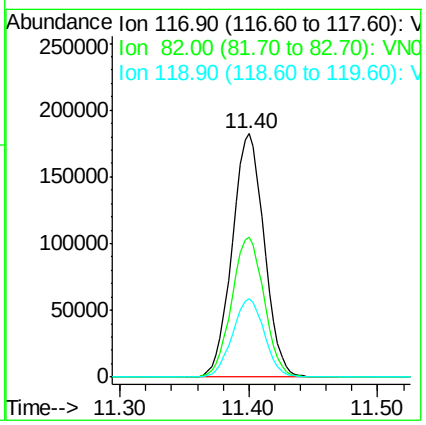


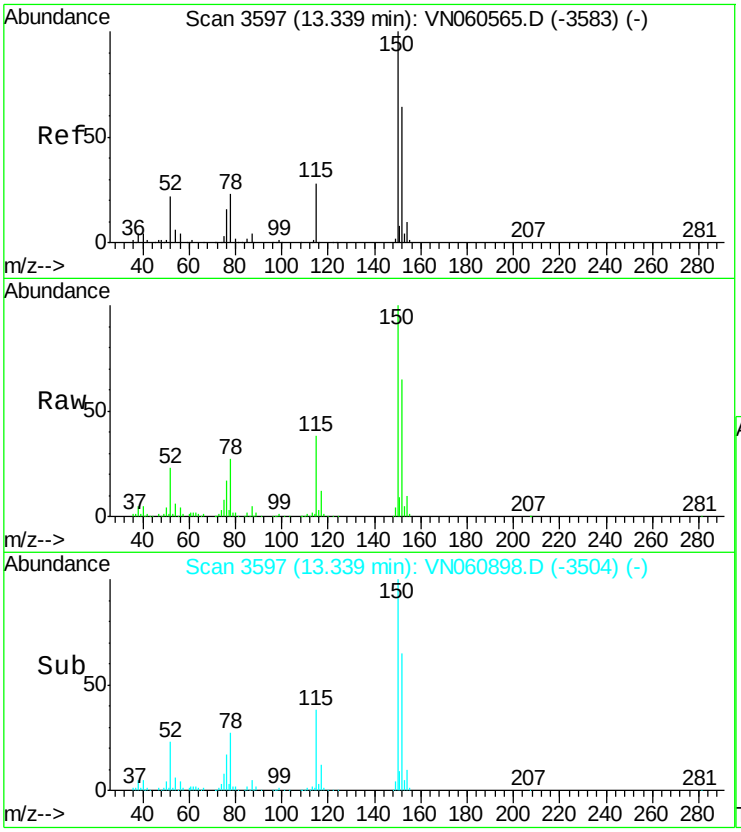




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060898.D
Acq: 8 Apr 2020 14:09

Tgt Ion:117 Resp: 314235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.6 | 46.7 | 70.1 |
| 119 | 32.1 | 25.5 | 38.3 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060898.D
Acq: 8 Apr 2020 14:09

**Instrument :**
MSVOA_N
**ClientSampleId :**
PB128091ZHE#02

Tgt Ion:152 Resp: 137813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.9 | 30.2 | 90.6 |
| 150 | 157.2 | 0.0 | 350.2 |