Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
Data File : VN051933.D
Acq On : 18 Oct 2018 22:42
Operator : MD\SY
Sample : J5573-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** 0692-KM-CA-AMD-COMP

Quant Time: Oct 19 07:54:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 19 05:11:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.67 | 168 | 967186 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.59 | 114 | 1413619 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 1240710 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 438705 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.03 | 65 | 534782 | 59.64 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 119.28% | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 458224 | 51.00 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.00% | | | |
| 50) Toluene-d8 | 10.09 | 98 | 1937944 | 59.26 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 118.52% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 542662 | 49.71 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.42% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 3.82 | 43 | 36529 | 23.01 | ug/l # | 87 |
| 20) Methylene Chloride | 4.55 | 84 | 12730 | 1.58 | ug/l | 94 |

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

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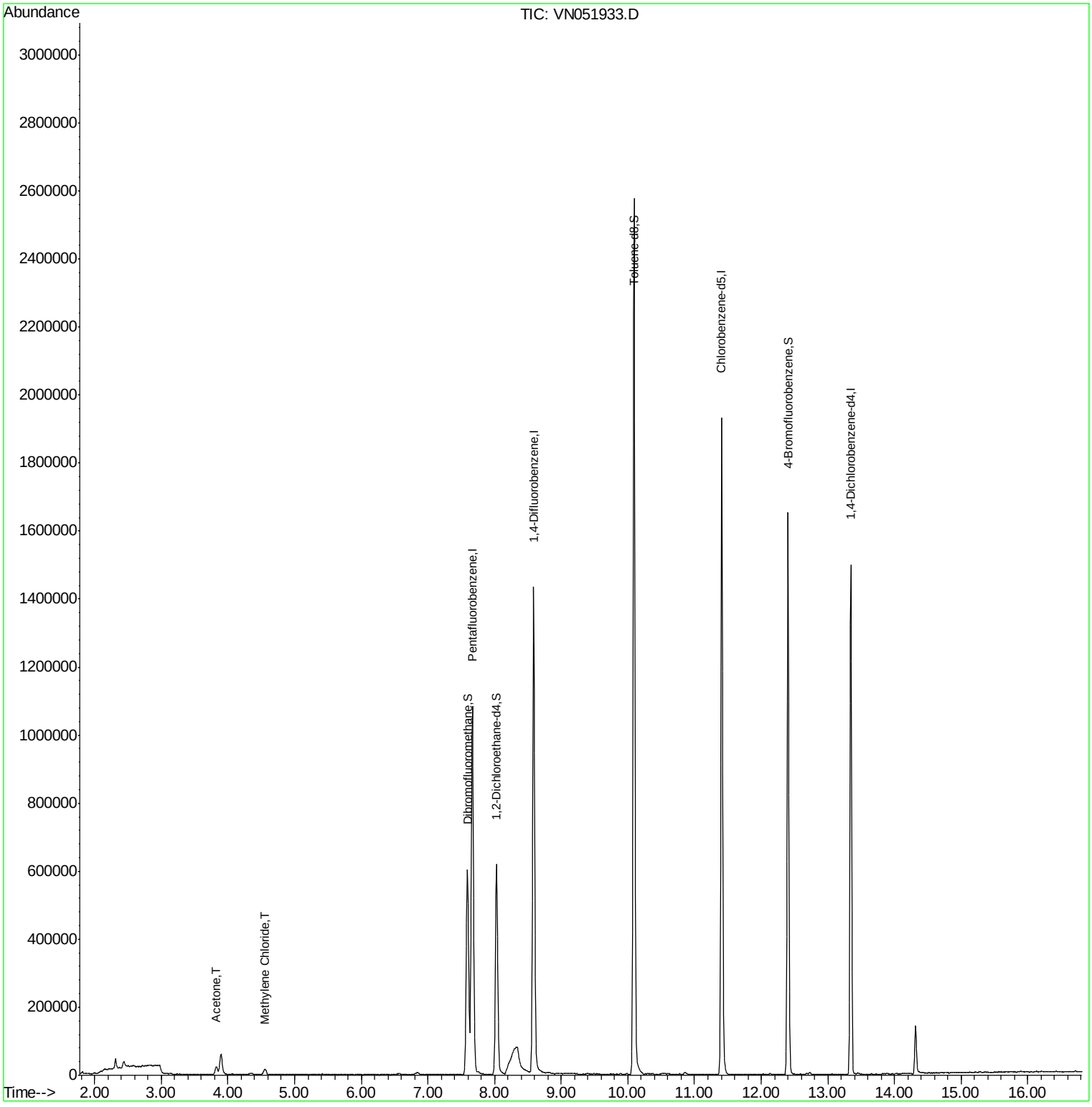
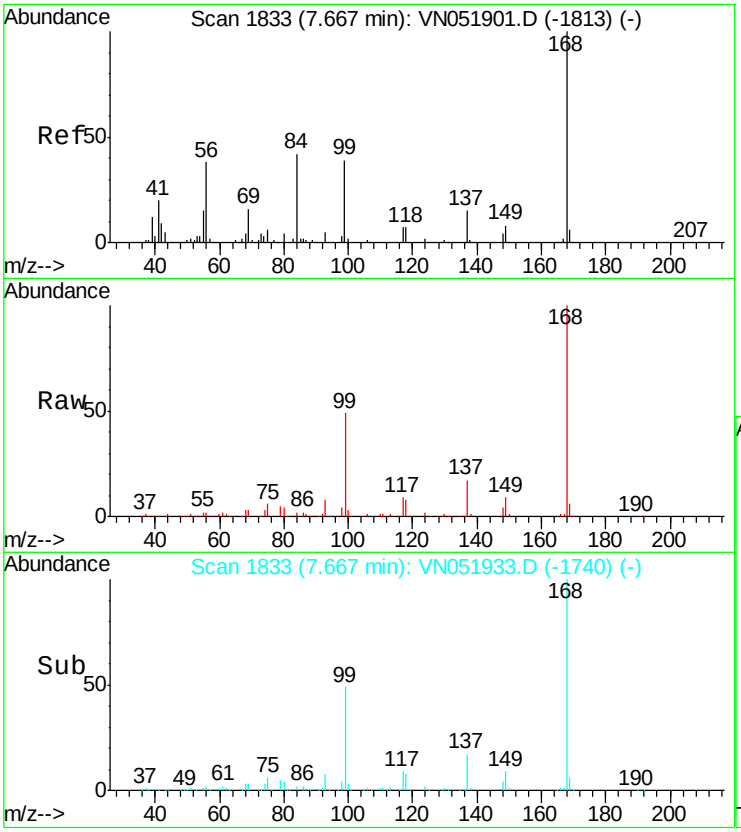


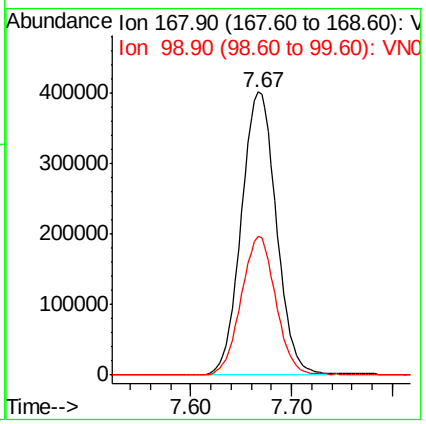


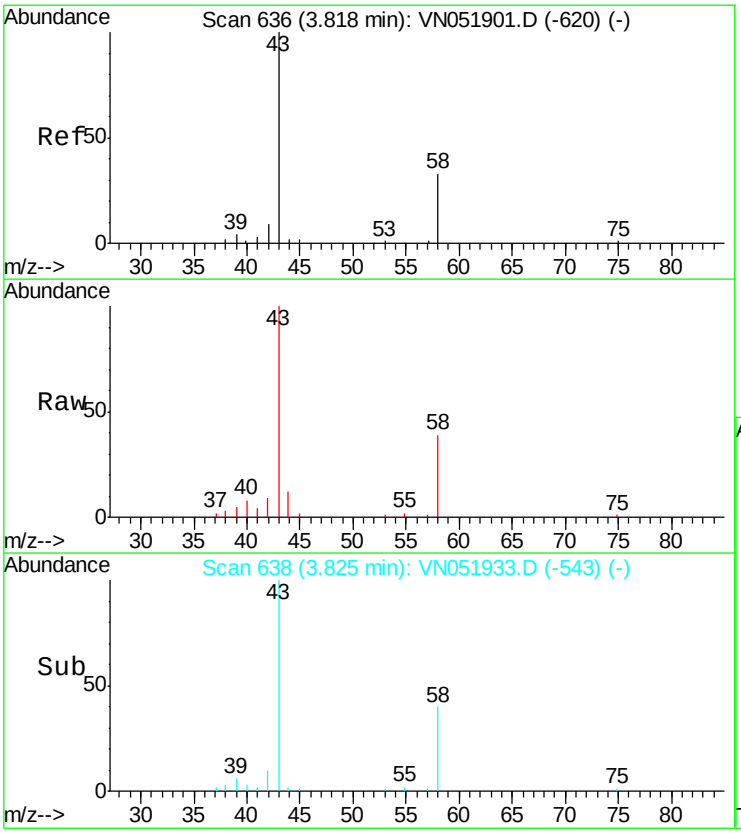

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN051933.D
Acq: 18 Oct 2018 22:42

**Instrument :**
MSVOA_N
**ClientSampleId :**
0692-KM-CA-AMD-COMP

Tgt Ion:168 Resp: 967186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 49.2 | 39.2 | 58.8 |

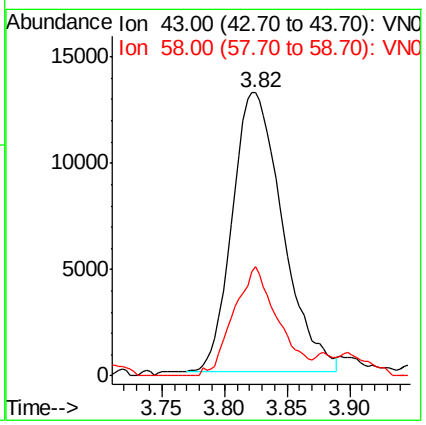


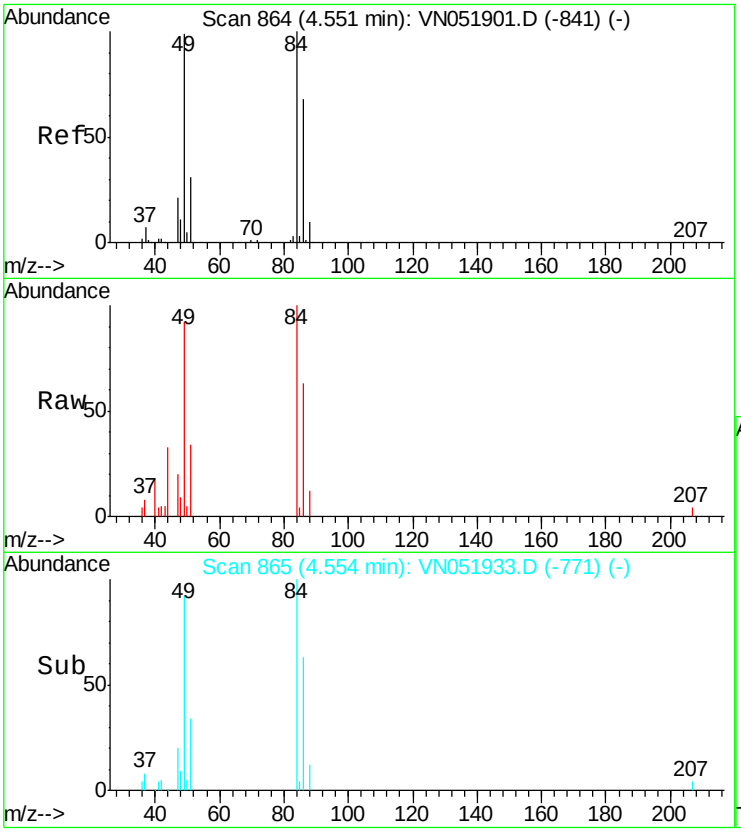




#16
Acetone
Concen: 23.01 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN051933.D
Acq: 18 Oct 2018 22:42

Tgt Ion: 43 Resp: 36529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.4 | 25.9 | 38.9# |



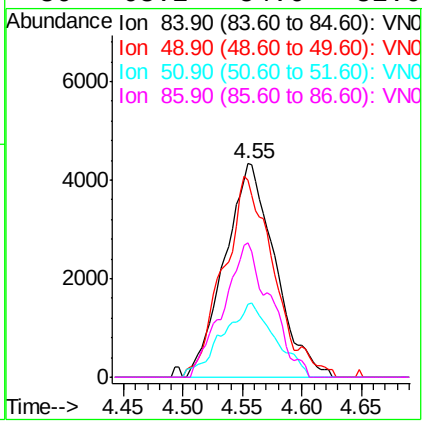


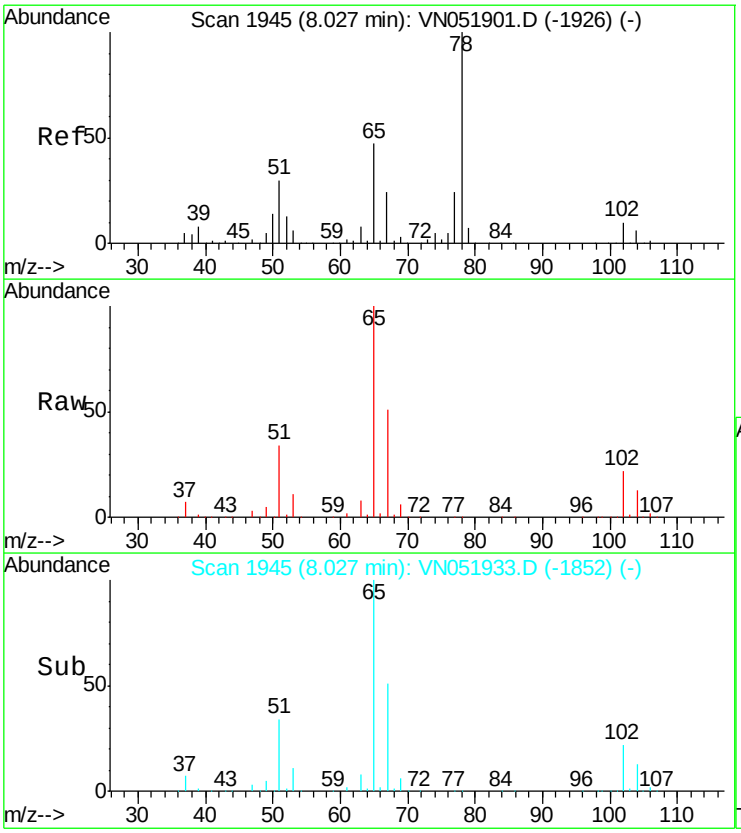

#20
Methylene Chloride
Concen: 1.58 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051933.D
Acq: 18 Oct 2018 22:42

**Instrument :**
MSVOA_N
**ClientSampleId :**
0692-KM-CA-AMD-COMP

Tgt Ion: 84 Resp: 12730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 92.2 | 79.0 | 118.4 |
| 51 | 34.1 | 24.9 | 37.3 |
| 86 | 63.2 | 54.6 | 82.0 |

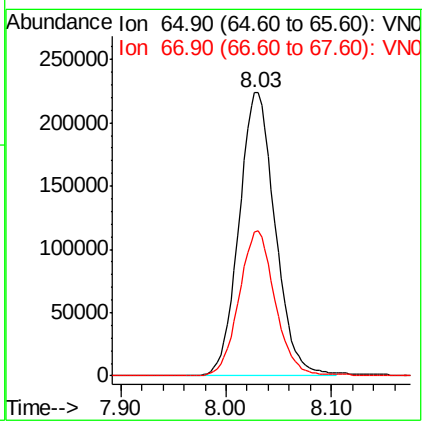


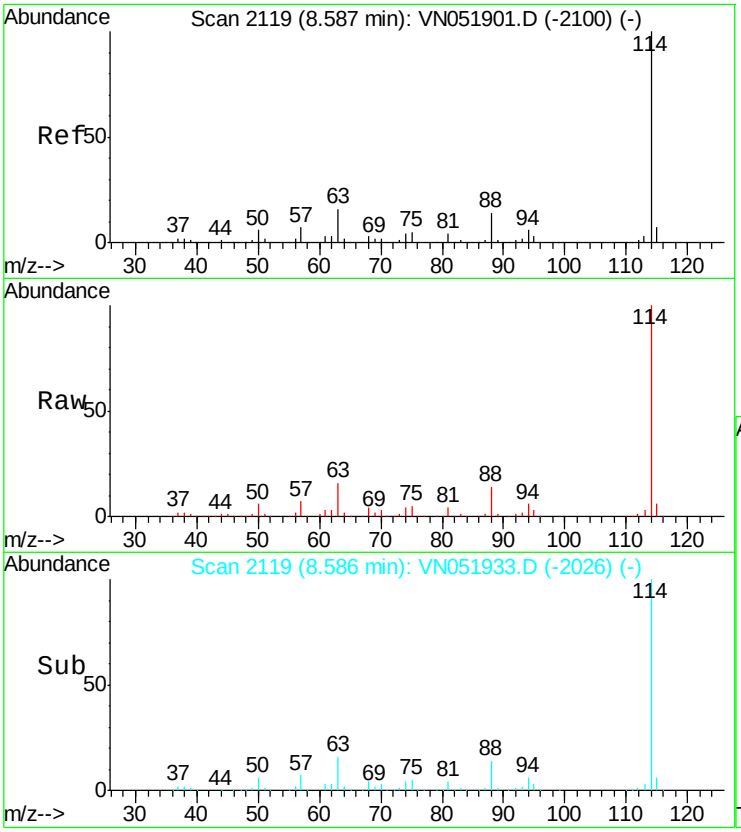




#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051933.D
Acq: 18 Oct 2018 22:42

Tgt Ion: 65 Resp: 534782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.2 | 0.0 | 104.0 |



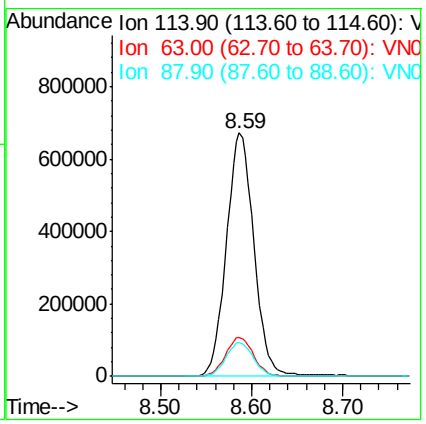


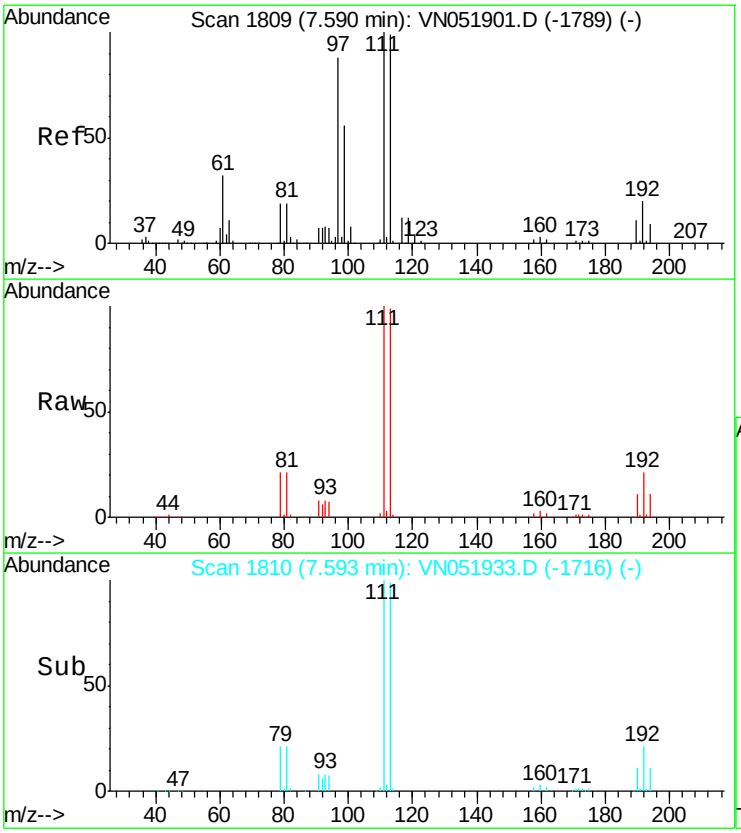

#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051933.D
Acq: 18 Oct 2018 22:42

**Instrument :**
MSVOA_N
**ClientSampleId :**
0692-KM-CA-AMD-COMP

Tgt Ion:114 Resp: 1413619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 16.0 | 0.0 | 31.8 |
| 88 | 13.9 | 0.0 | 28.0 |

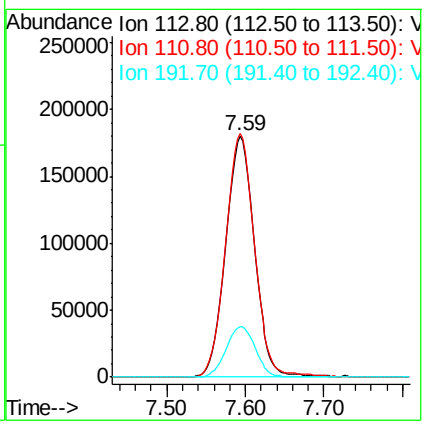


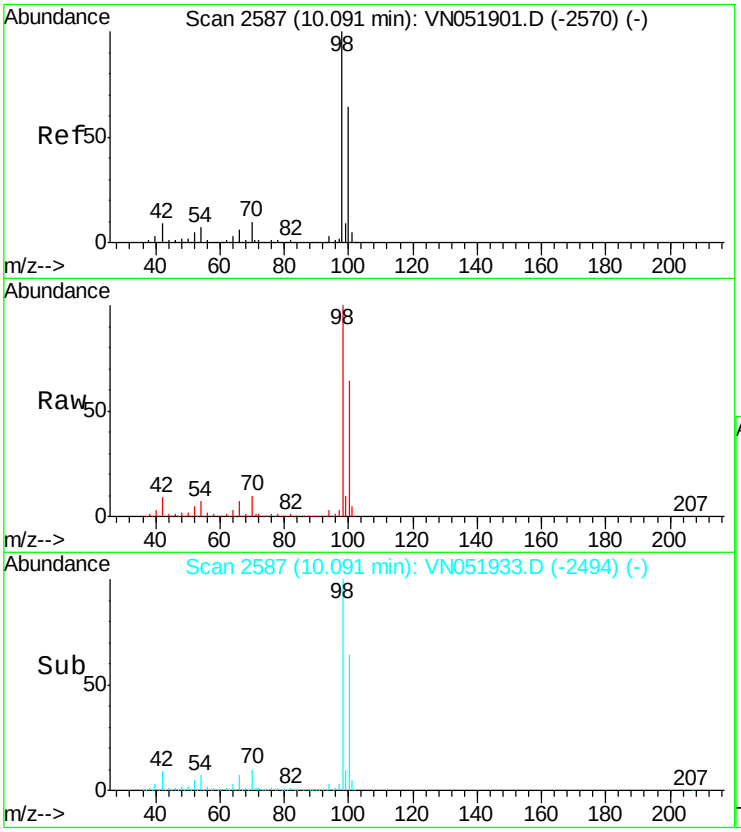




#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051933.D
Acq: 18 Oct 2018 22:42

Tgt Ion:113 Resp: 458224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.7 | 82.6 | 123.8 |
| 192 | 21.2 | 17.3 | 25.9 |



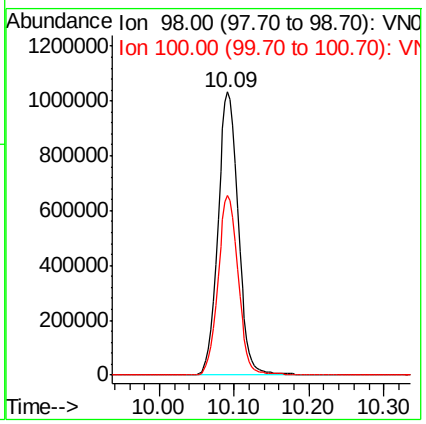


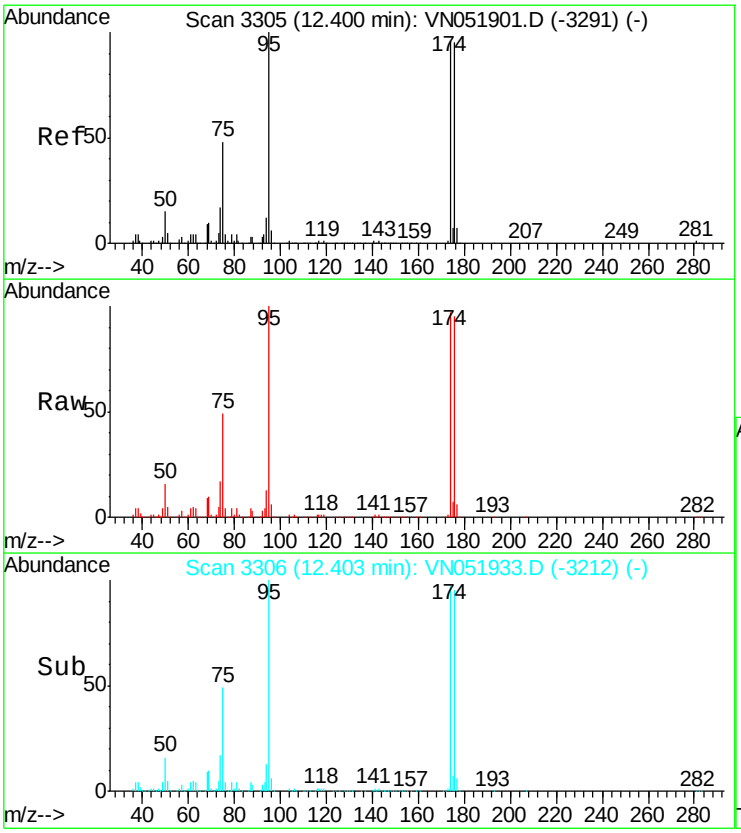

#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051933.D
Acq: 18 Oct 2018 22:42

**Instrument :**
MSVOA_N
**ClientSampleId :**
0692-KM-CA-AMD-COMP

Tgt Ion: 98 Resp: 1937944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.2 | 51.0 | 76.4 |

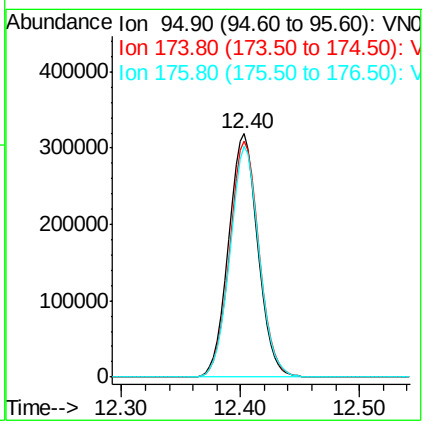


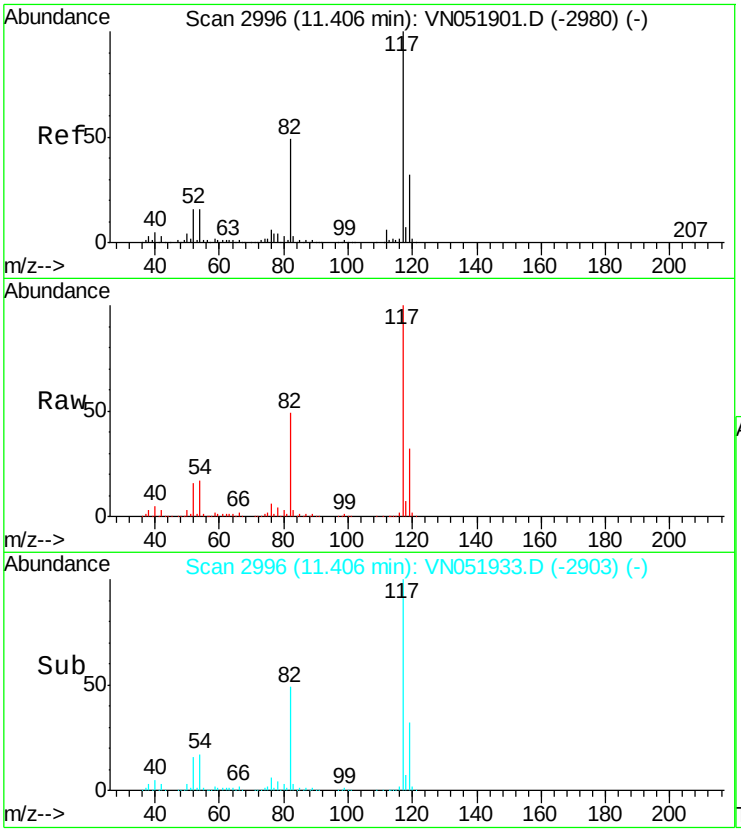




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051933.D
Acq: 18 Oct 2018 22:42

Tgt Ion: 95 Resp: 542662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 97.6 | 0.0 | 195.0 |
| 176 | 94.4 | 0.0 | 191.4 |



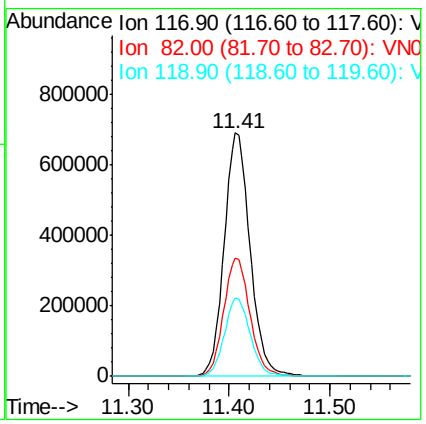


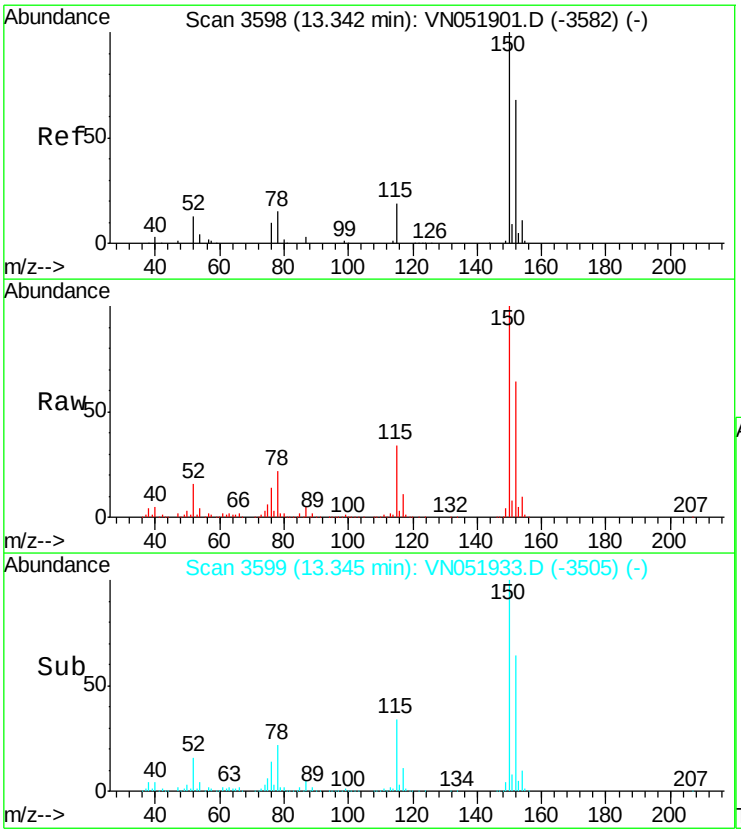

#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051933.D
Acq: 18 Oct 2018 22:42

**Instrument :**
MSVOA_N
**ClientSampleId :**
0692-KM-CA-AMD-COMP

Tgt Ion:117 Resp: 1240710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 48.6 | 38.9 | 58.3 |
| 119 | 32.3 | 25.9 | 38.9 |




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051933.D
Acq: 18 Oct 2018 22:42

Tgt Ion:152 Resp: 438705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 53.8 | 26.7 | 80.1 |
| 150 | 156.4 | 0.0 | 346.4 |