Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102519\
Data File : VN058967.D
Acq On : 24 Oct 2019 17:24
Operator : JC/SP
Sample : K5145-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** HD-02-102319

Quant Time: Oct 25 02:35:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.65 | 168 | 329434 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.57 | 114 | 525143 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 493109 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 178486 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.01 | 65 | 244520 | 50.61 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.22% | | | |
| 35) Dibromofluoromethane | 7.57 | 113 | 173963 | 50.38 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.76% | | | |
| 50) Toluene-d8 | 10.08 | 98 | 681200 | 50.83 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.66% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 216866 | 44.06 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 88.12% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 3.80 | 43 | 12962 | 5.429 | ug/l | 95 |
| 20) Methylene Chloride | 4.53 | 84 | 1390616 | 341.109 | ug/l | 100 |
| 43) Isopropyl Acetate | 8.15 | 43 | 98994 | 10.537 | ug/l # | 91 |

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

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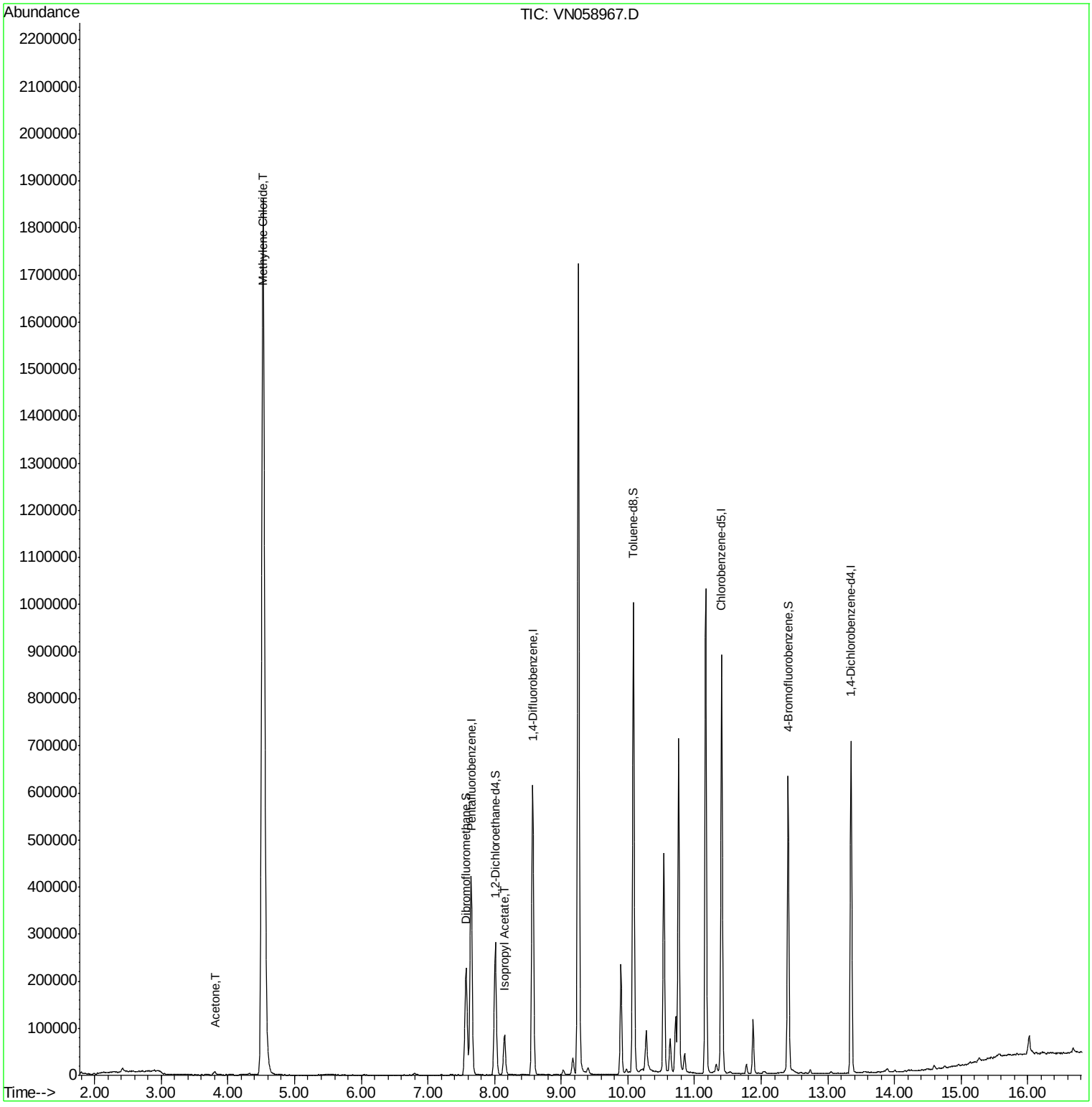
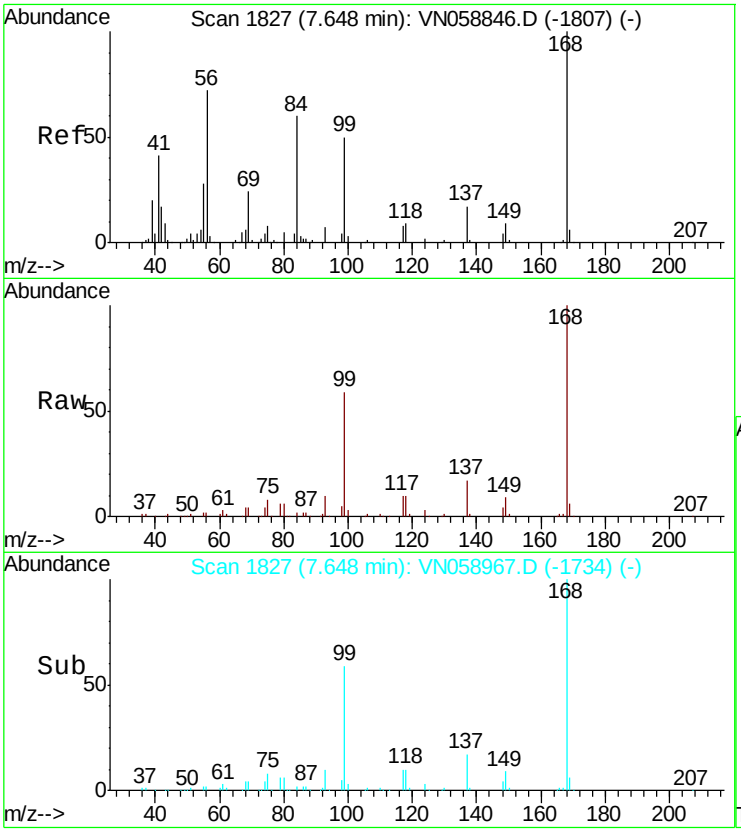


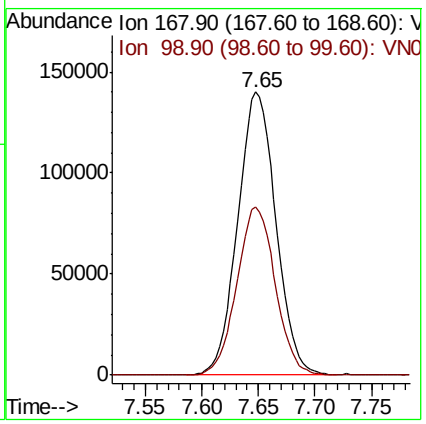


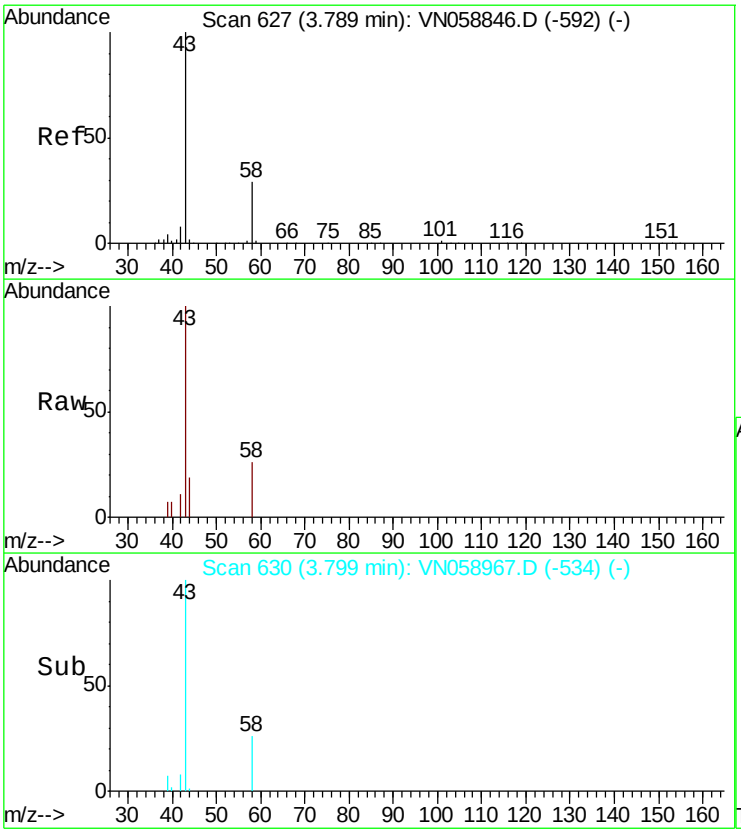

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN058967.D
Acq: 24 Oct 2019 17:24

**Instrument :**
MSVOA_N
**ClientSampleId :**
HD-02-102319

Tgt Ion:168 Resp: 329434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.3 | 48.1 | 72.1 |

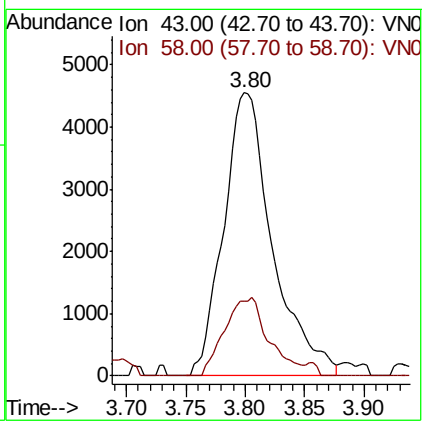


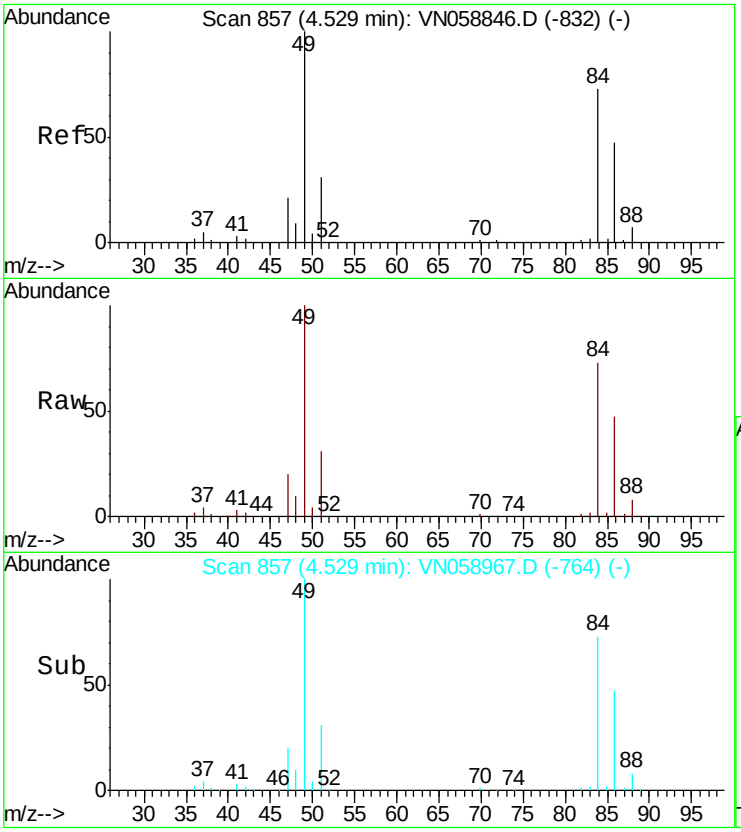




#16
Acetone
Concen: 5.429 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN058967.D
Acq: 24 Oct 2019 17:24

Tgt Ion: 43 Resp: 12962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.3 | 23.1 | 34.7 |



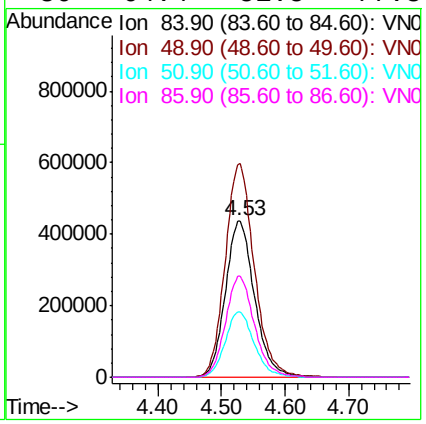


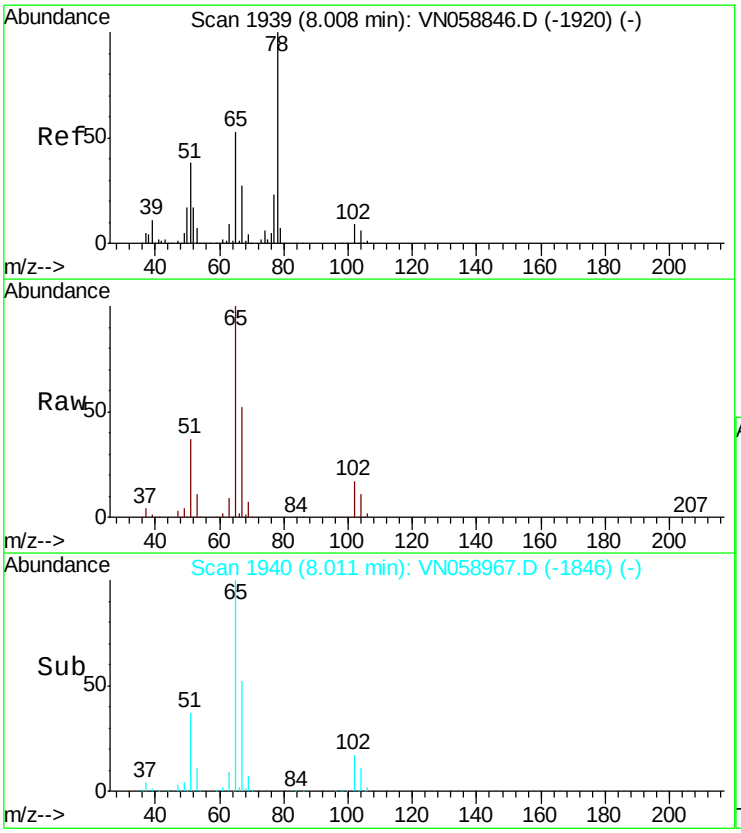

#20
Methylene Chloride
Concen: 341.109 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058967.D
Acq: 24 Oct 2019 17:24

**Instrument :**
MSVOA_N
**ClientSampleId :**
HD-02-102319

Tgt Ion: 84 Resp: 1390616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 136.8 | 109.6 | 164.4 |
| 51 | 41.8 | 33.8 | 50.6 |
| 86 | 64.4 | 51.5 | 77.3 |

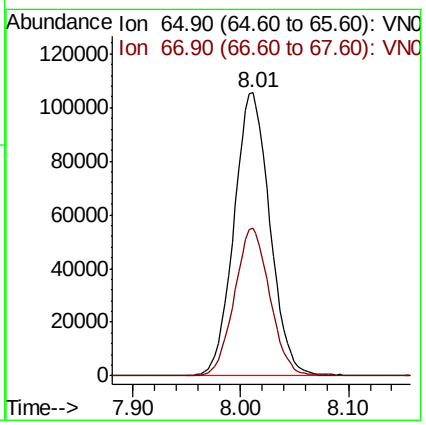


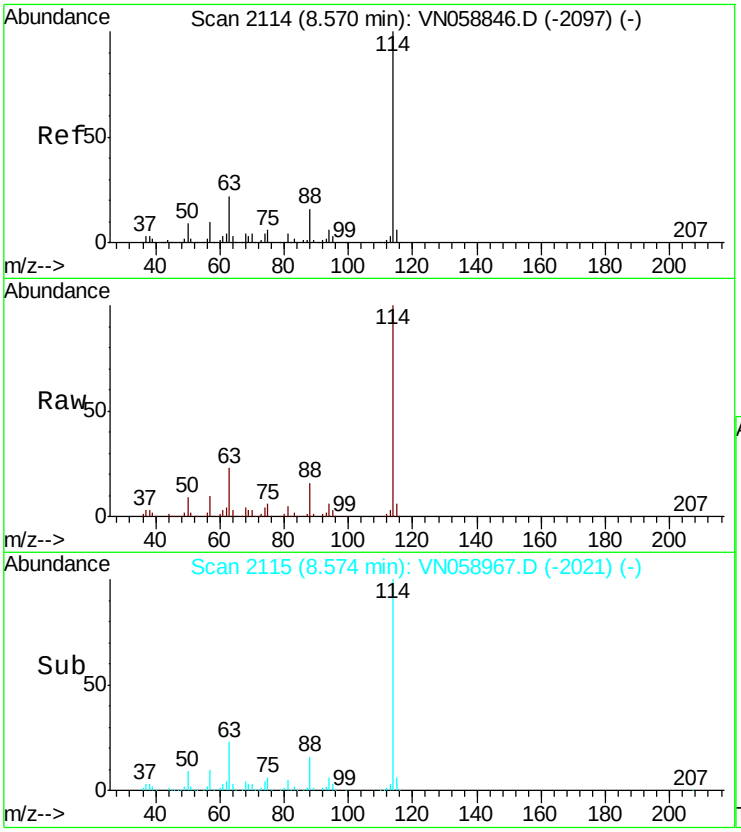




#33
1,2-Dichloroethane-d4
Concen: 50.608 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058967.D
Acq: 24 Oct 2019 17:24

Tgt Ion: 65 Resp: 244520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.3 | 0.0 | 103.2 |



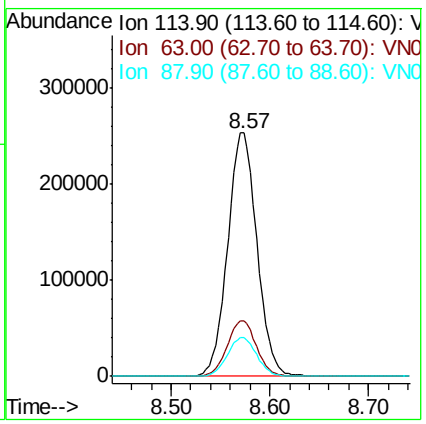


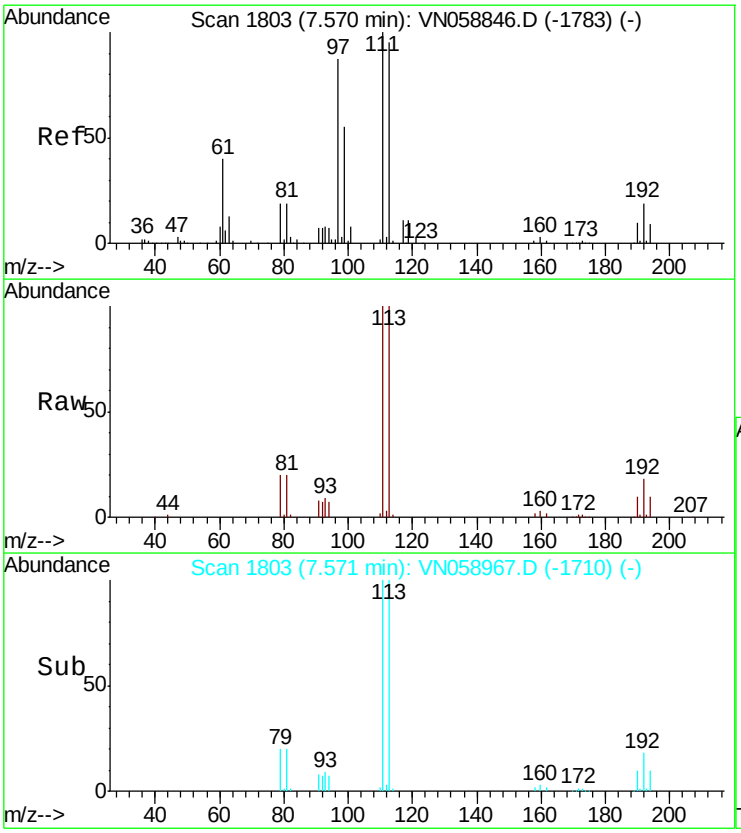

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058967.D
Acq: 24 Oct 2019 17:24

**Instrument :**
MSVOA_N
**ClientSampleId :**
HD-02-102319

Tgt Ion:114 Resp: 525143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.6 | 0.0 | 44.4 |
| 88 | 15.8 | 0.0 | 31.4 |

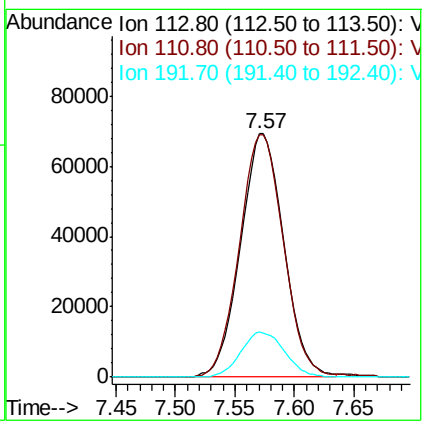


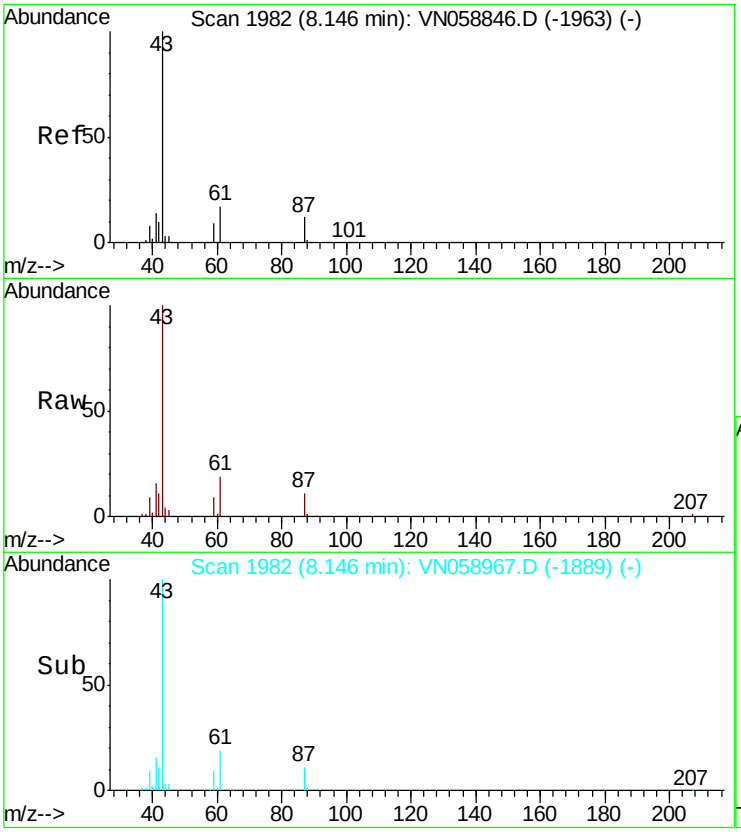




#35
Dibromofluoromethane
Concen: 50.385 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN058967.D
Acq: 24 Oct 2019 17:24

Tgt Ion:113 Resp: 173963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.7 | 82.0 | 123.0 |
| 192 | 18.8 | 15.0 | 22.6 |



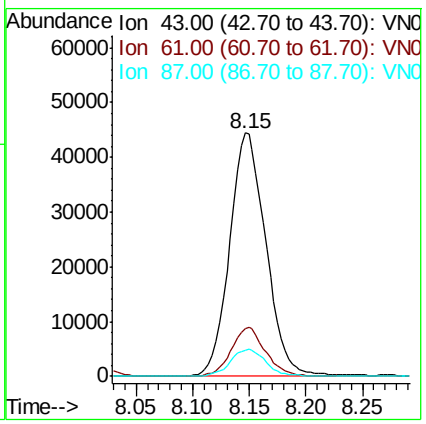


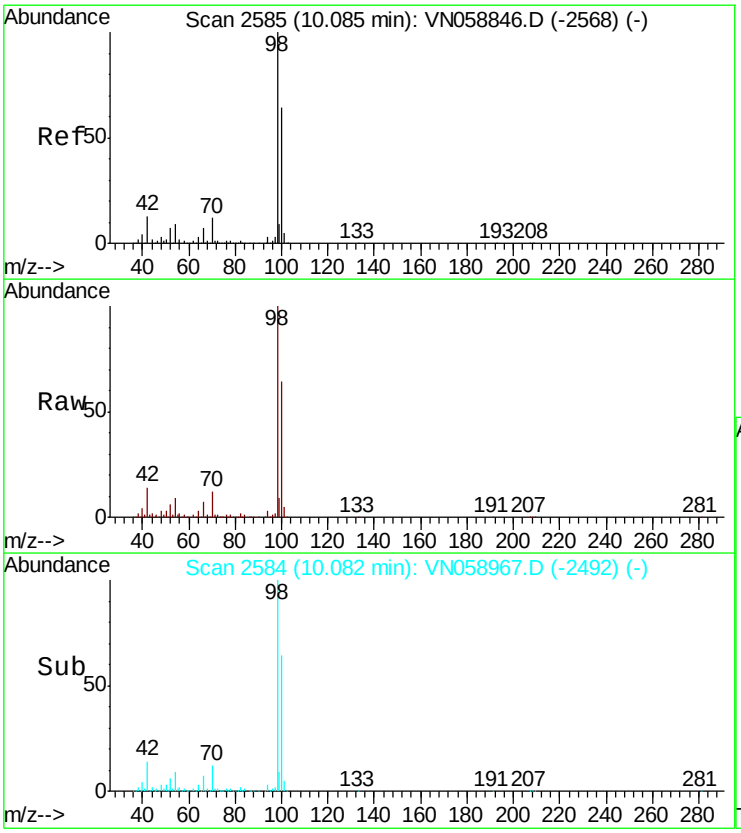

#43
Isopropyl Acetate
Concen: 10.537 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN058967.D
Acq: 24 Oct 2019 17:24

**Instrument :** MSVOA_N
**ClientSampleId :** HD-02-102319

Tgt Ion: 43 Resp: 98994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.9 | 20.2 | 30.2# |
| 87 | 10.9 | 9.5 | 14.3 |

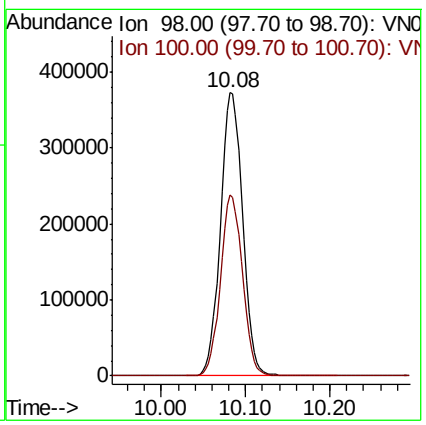


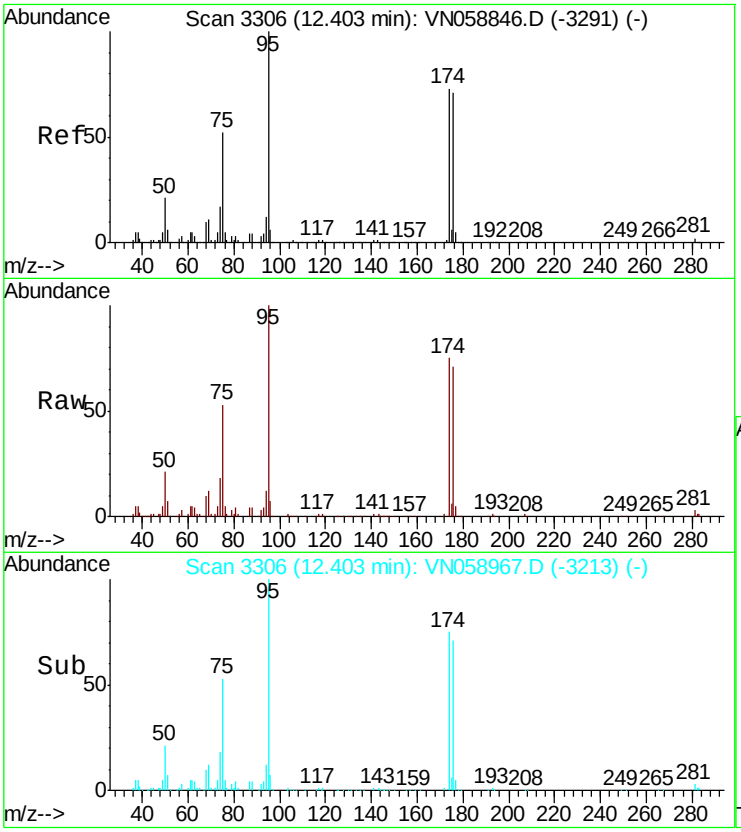




#50
Toluene-d8
Concen: 50.825 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN058967.D
Acq: 24 Oct 2019 17:24

Tgt Ion: 98 Resp: 681200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.5 | 51.4 | 77.2 |



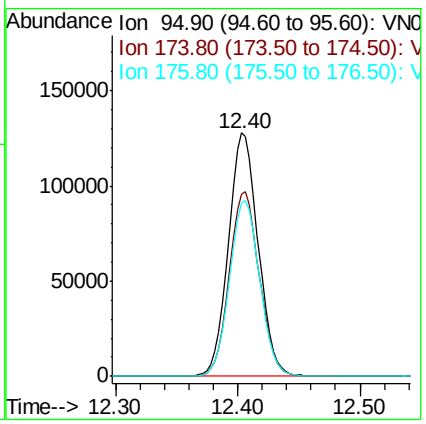


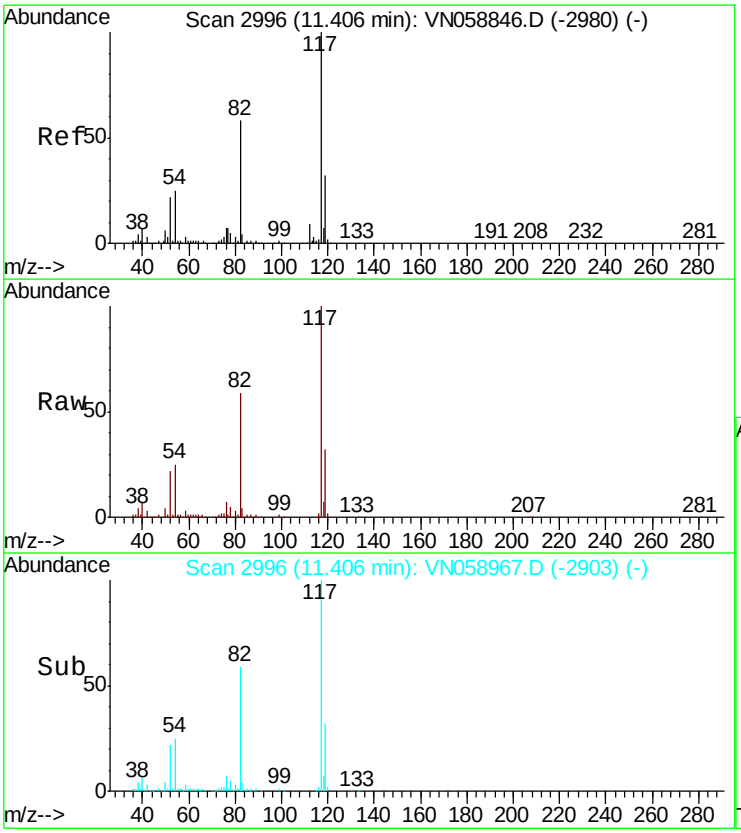

#62
4-Bromofluorobenzene
Concen: 44.062 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058967.D
Acq: 24 Oct 2019 17:24

**Instrument :**
MSVOA_N
**ClientSampleId :**
HD-02-102319

Tgt Ion: 95 Resp: 216866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 76.6 | 0.0 | 147.6 |
| 176 | 73.5 | 0.0 | 143.2 |

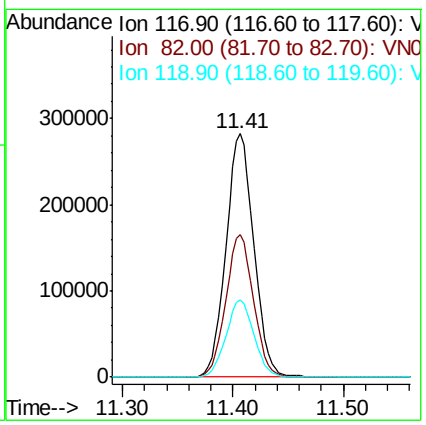


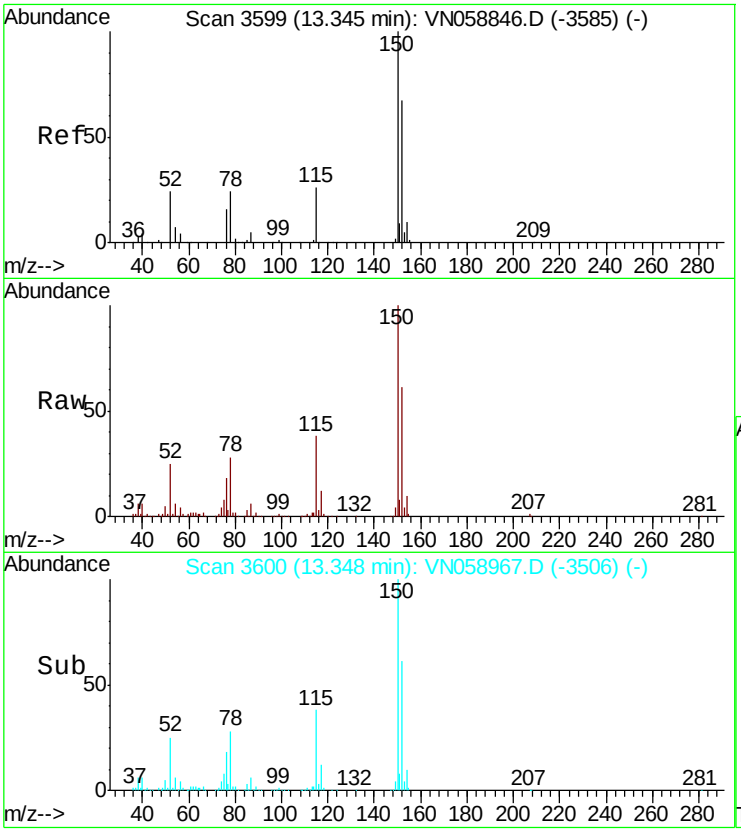




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058967.D
Acq: 24 Oct 2019 17:24

Tgt Ion:117 Resp: 493109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 58.6 | 46.6 | 69.8 |
| 119 | 31.8 | 25.6 | 38.4 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058967.D
Acq: 24 Oct 2019 17:24

**Instrument :**
MSVOA_N
**ClientSampleId :**
HD-02-102319

Tgt Ion:152 Resp: 178486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 61.5 | 30.5 | 91.5 |
| 150 | 160.7 | 0.0 | 344.4 |