Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111419\
Data File : VN059244.D
Acq On : 14 Nov 2019 19:02
Operator : JC/SP
Sample : K5563-20
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** TP-1

Quant Time: Nov 15 08:16:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.64 | 168 | 452127 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.57 | 114 | 692157 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.40 | 117 | 609741 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 228478 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.01 | 65 | 279252 | 50.24 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.48% | | | |
| 35) Dibromofluoromethane | 7.57 | 113 | 217625 | 52.66 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.32% | | | |
| 50) Toluene-d8 | 10.08 | 98 | 860687 | 52.87 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.74% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 275918 | 47.01 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 94.02% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 3.80 | 43 | 17180 | 5.944 | ug/l | 96 |
| 20) Methylene Chloride | 4.53 | 84 | 920292 | 182.775 | ug/l | 100 |
| 43) Isopropyl Acetate | 8.15 | 43 | 86906 | 7.574 | ug/l # | 90 |
| 68) m/p-Xylenes | 11.61 | 106 | 13698 | 1.734 | ug/l | 97 |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105 | 41214 | 3.025 | ug/l | 99 |
| 95) Naphthalene | 15.13 | 128 | 38566 | 6.104 | ug/l | 99 |

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

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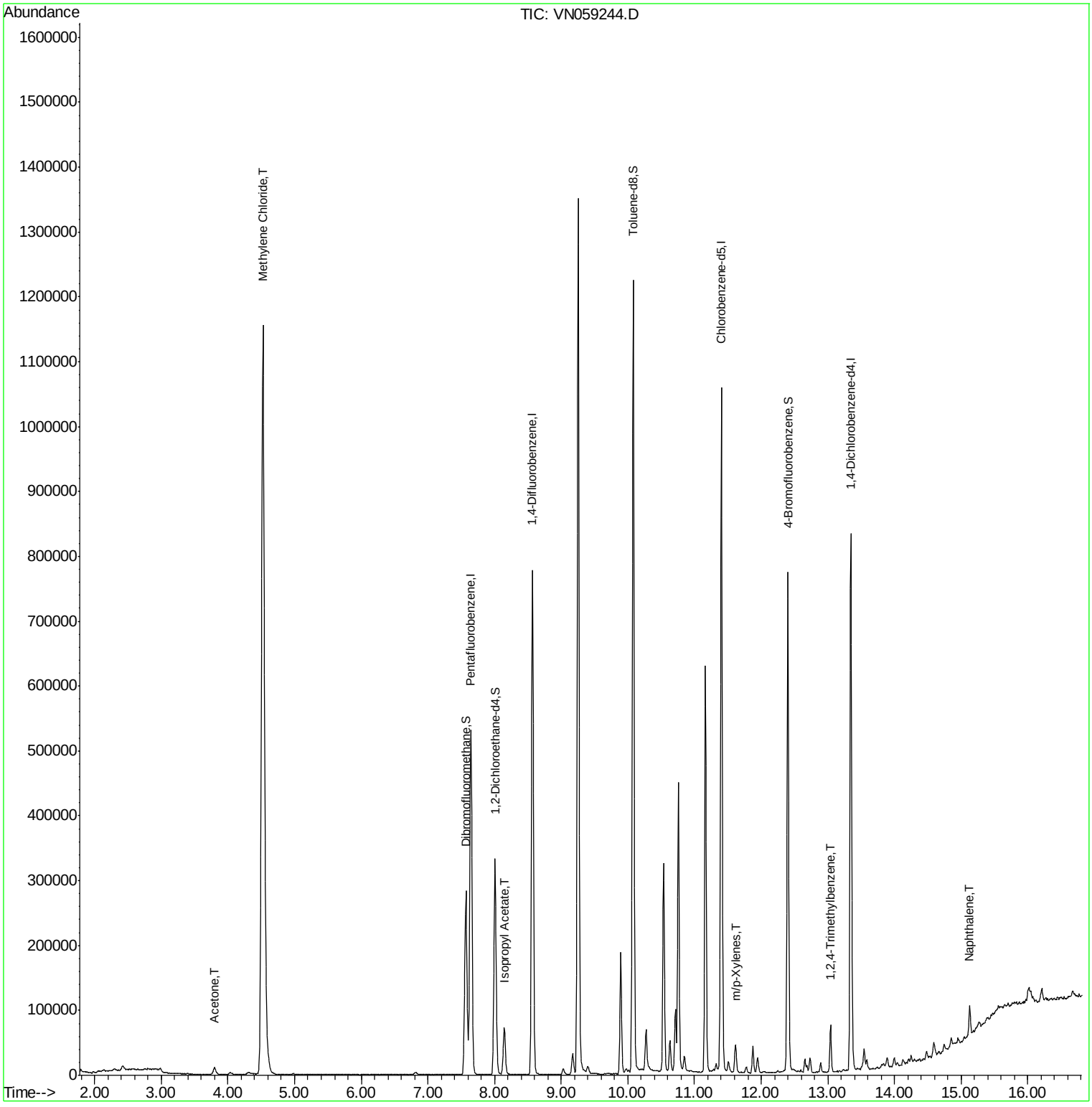
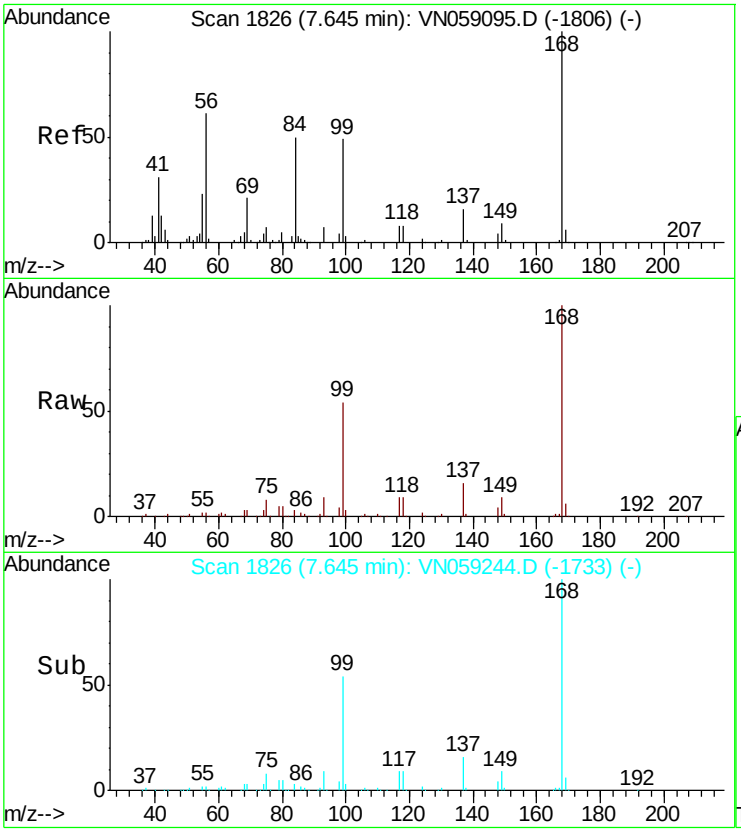
Response via : Initial Calibration



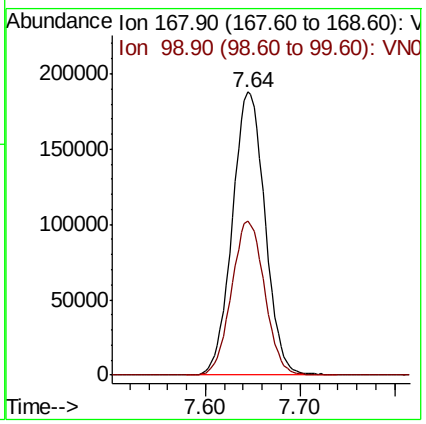


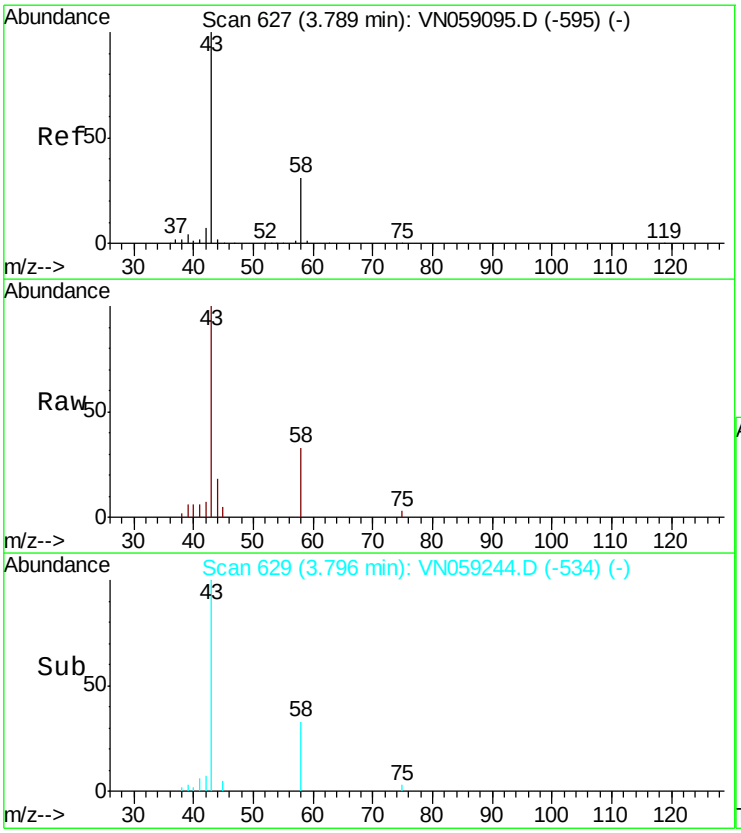

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-1

Tgt Ion:168 Resp: 452127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 54.4 | 45.7 | 68.5 |

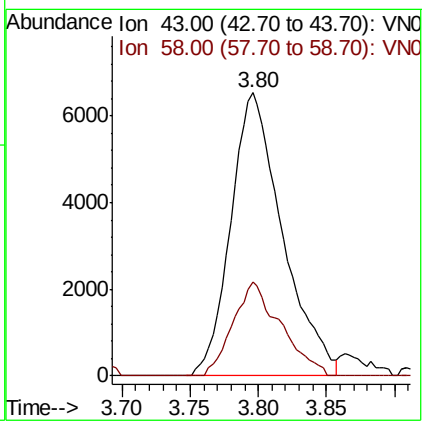


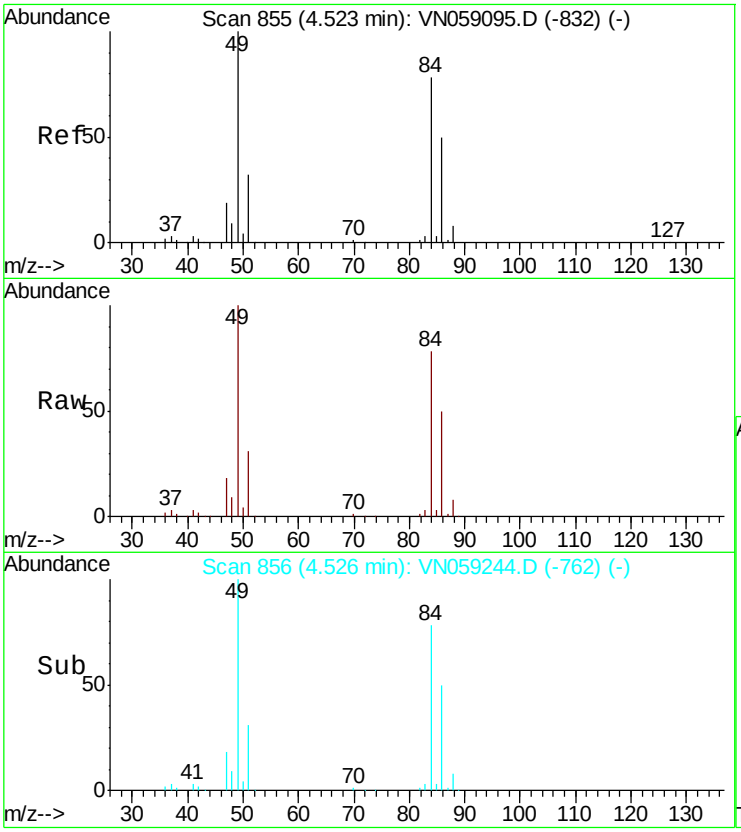




#16
Acetone
Concen: 5.944 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.01 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

Tgt Ion: 43 Resp: 17180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.1 | 24.9 | 37.3 |



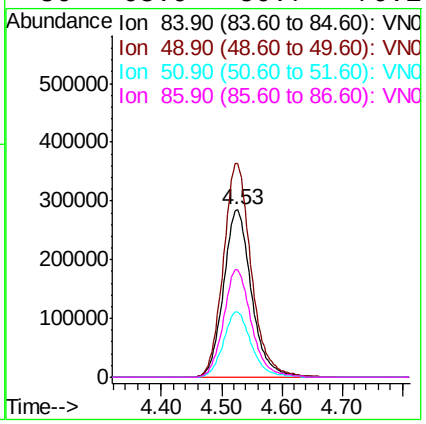


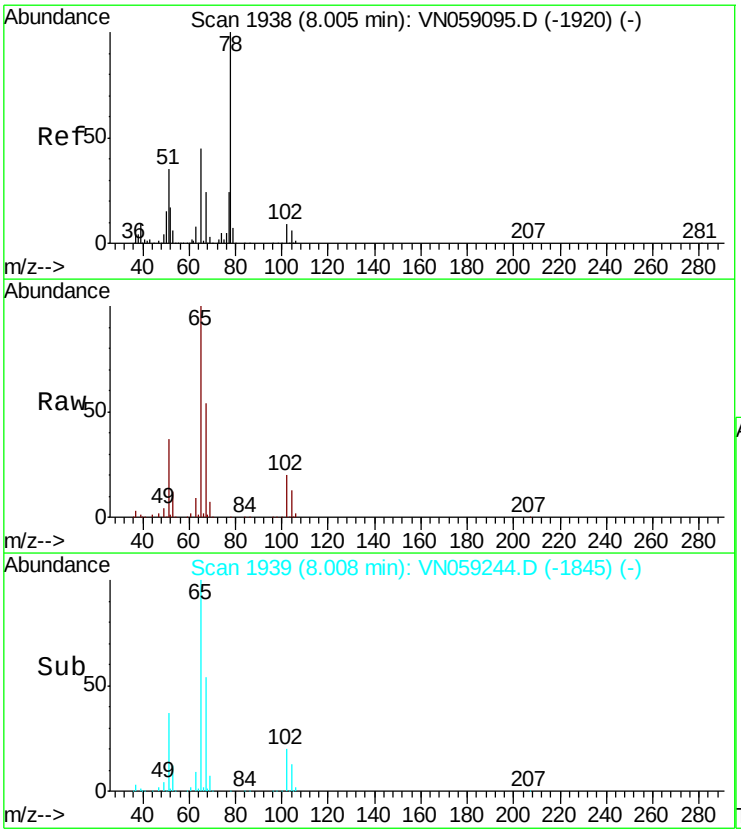

#20
Methylene Chloride
Concen: 182.775 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-1

Tgt Ion: 84 Resp: 920292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 127.5 | 102.0 | 153.0 |
| 51 | 39.1 | 32.2 | 48.2 |
| 86 | 63.9 | 50.7 | 76.1 |

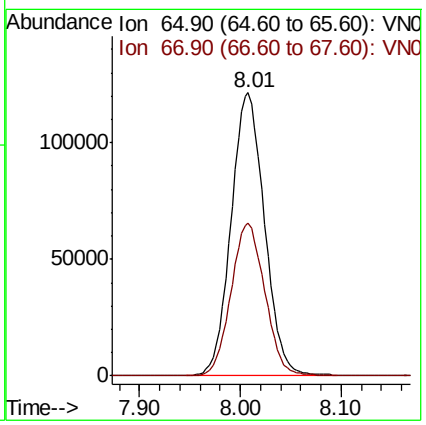


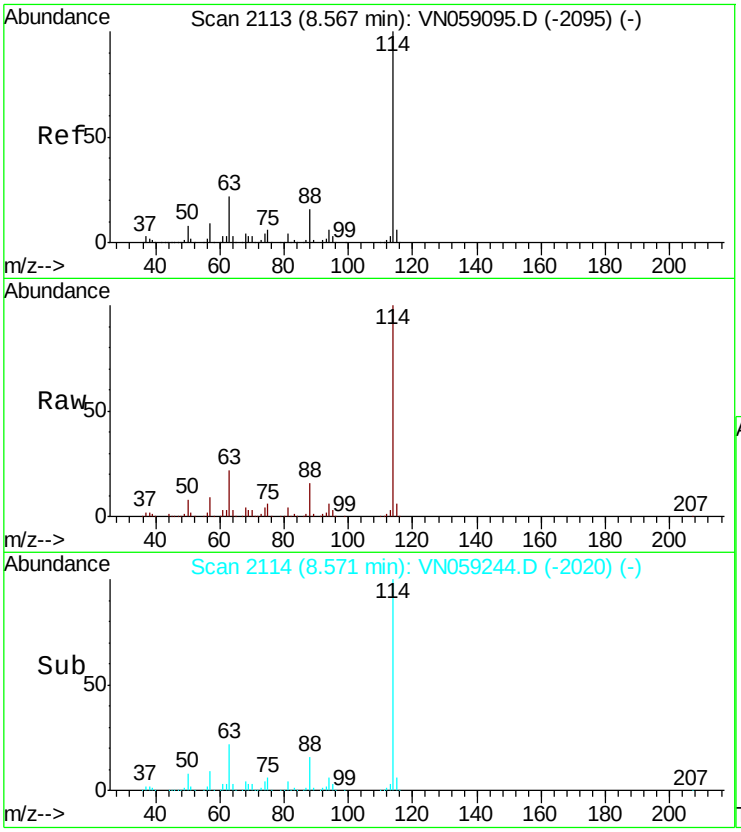




#33
1,2-Dichloroethane-d4
Concen: 50.245 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

Tgt Ion: 65 Resp: 279252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.6 | 0.0 | 107.4 |



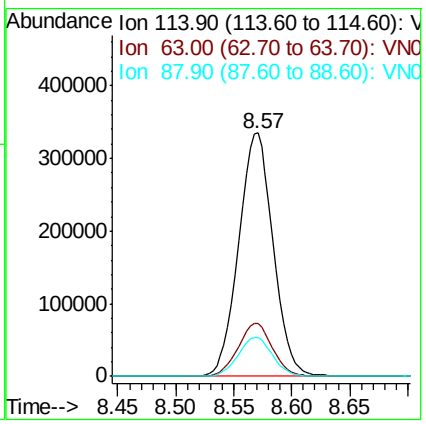


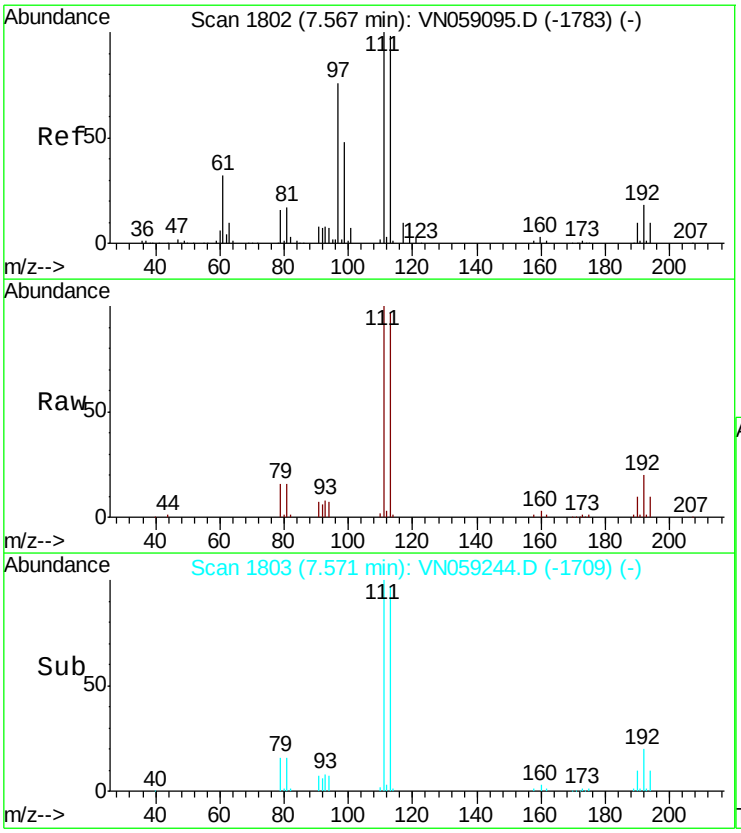

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-1

Tgt Ion:114 Resp: 692157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.8 | 0.0 | 43.4 |
| 88 | 16.0 | 0.0 | 32.2 |

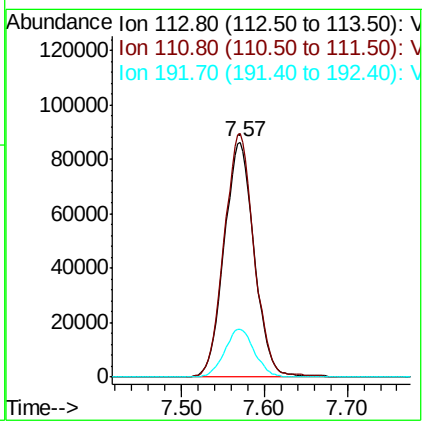


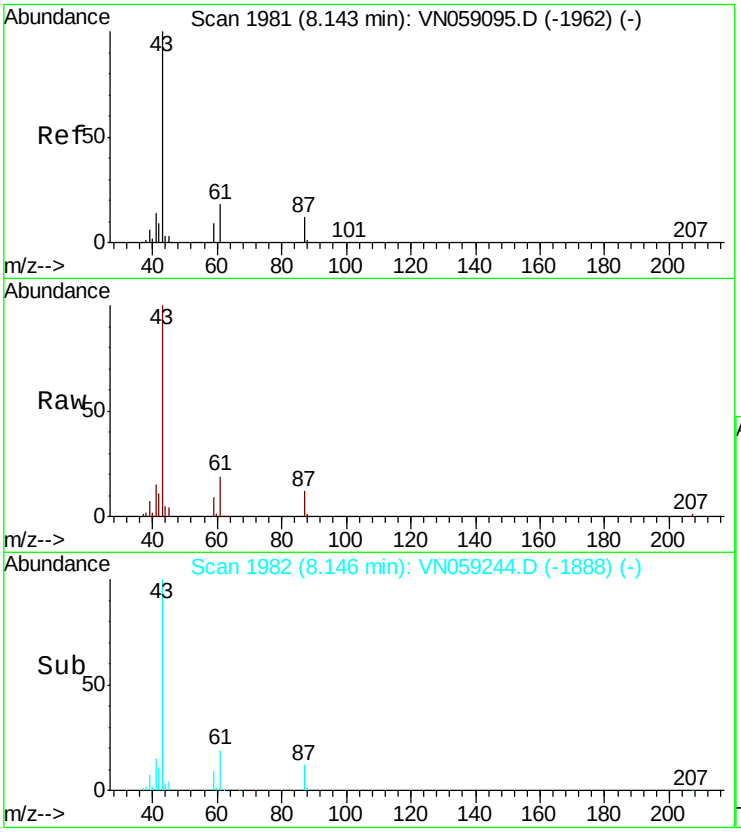




#35
Dibromofluoromethane
Concen: 52.657 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

Tgt Ion:113 Resp: 217625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.1 | 82.8 | 124.2 |
| 192 | 20.2 | 16.1 | 24.1 |



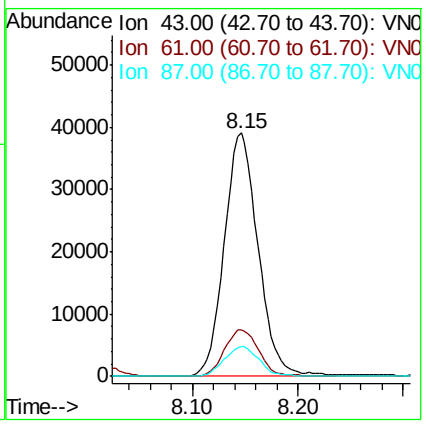


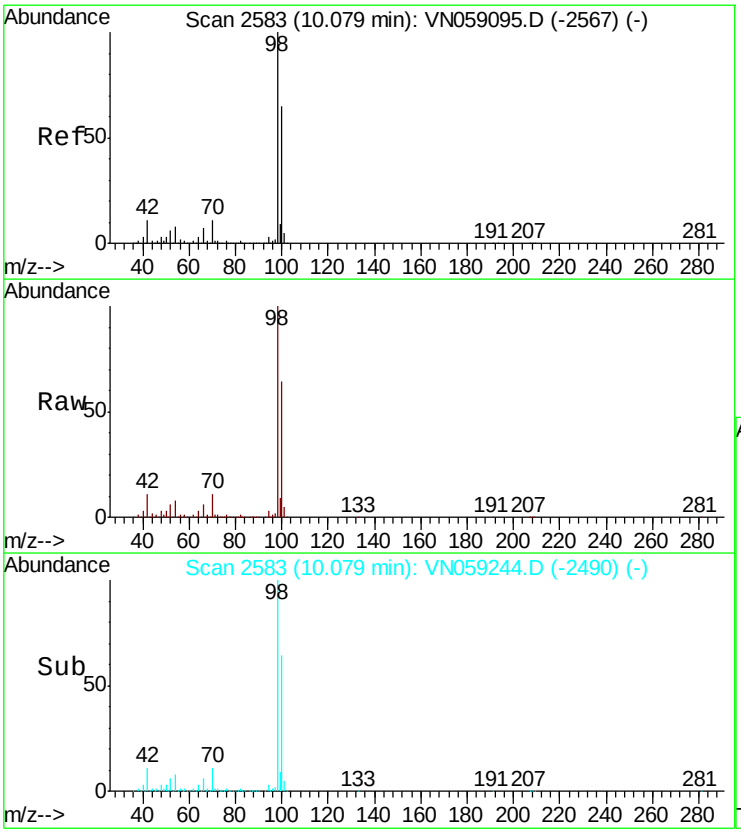

#43
Isopropyl Acetate
Concen: 7.574 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

**Instrument :** MSVOA_N
**ClientSampleId :** TP-1

Tgt Ion: 43 Resp: 86906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.3 | 21.0 | 31.6# |
| 87 | 12.5 | 9.8 | 14.6 |

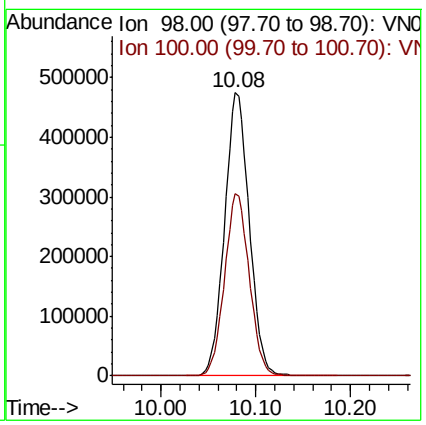


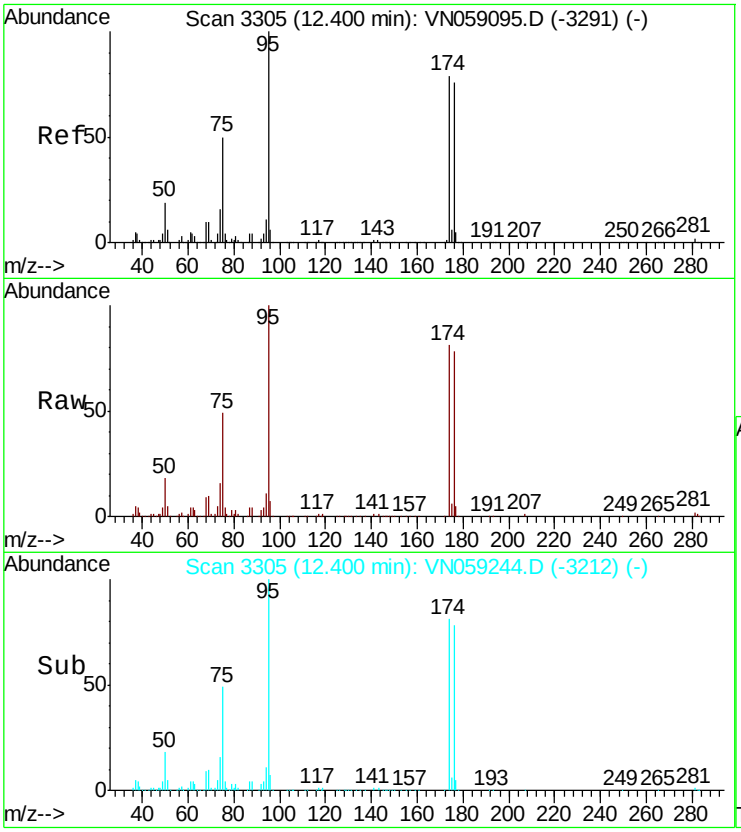




#50
Toluene-d8
Concen: 52.871 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

Tgt Ion: 98 Resp: 860687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.6 | 52.2 | 78.2 |



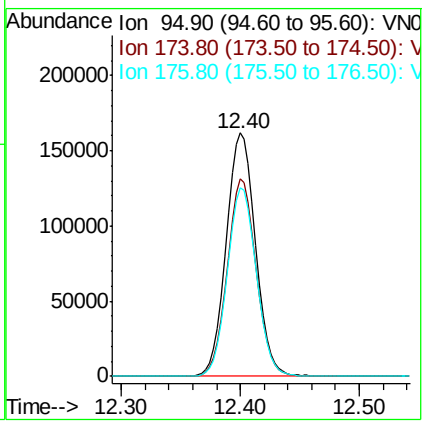


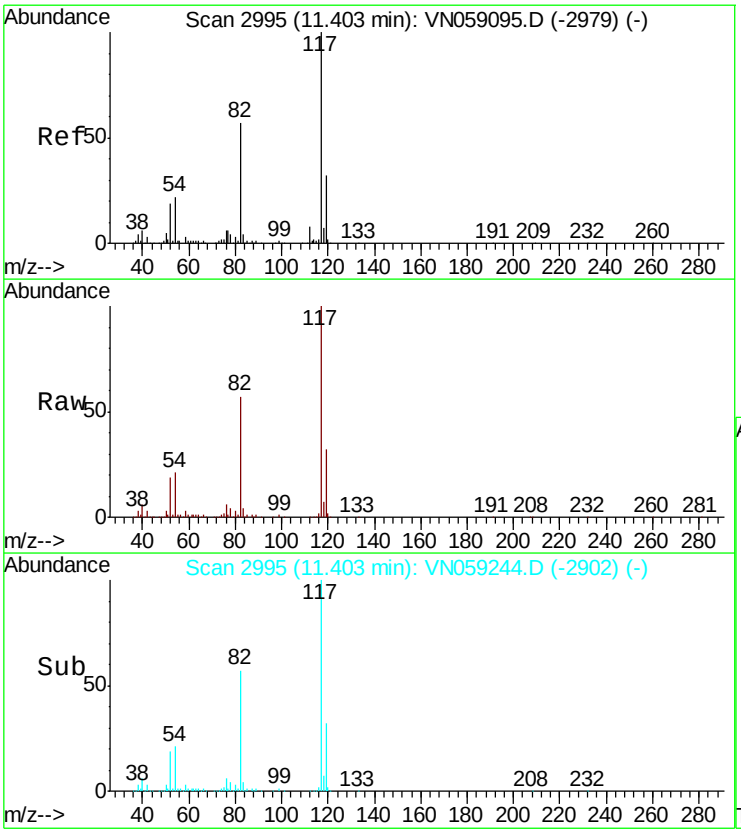

#62
4-Bromofluorobenzene
Concen: 47.008 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-1

Tgt Ion: 95 Resp: 275918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 80.0 | 0.0 | 158.2 |
| 176 | 76.9 | 0.0 | 151.8 |

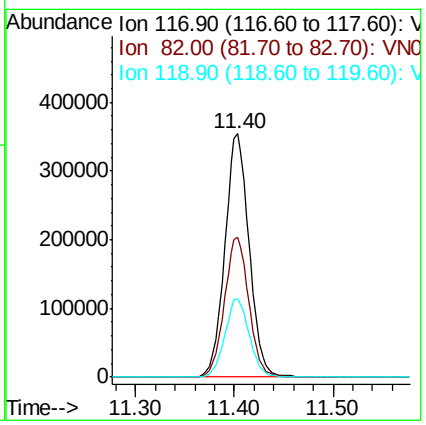


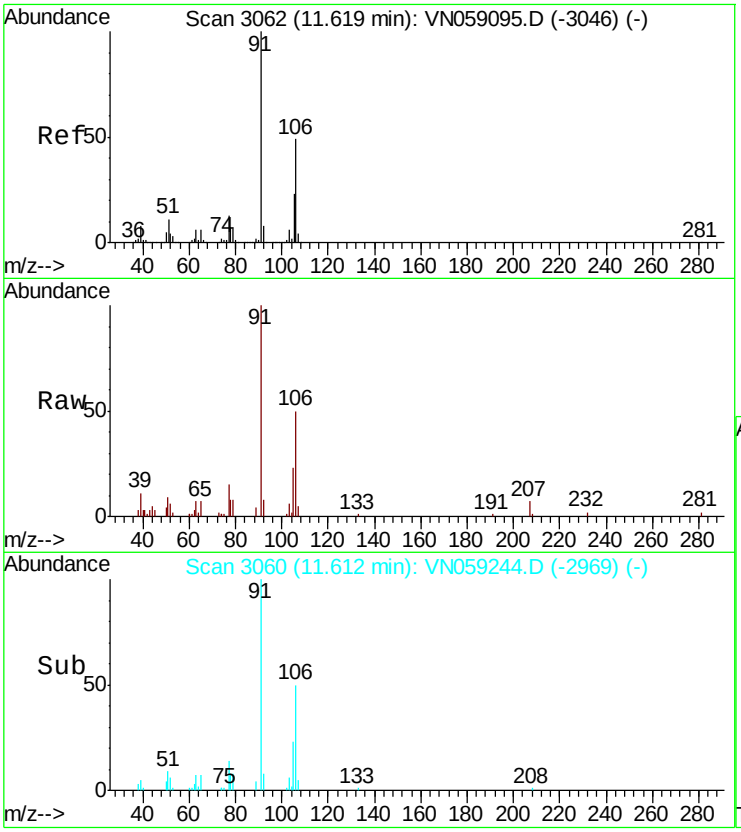




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

Tgt Ion:117 Resp: 609741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.4 | 45.8 | 68.8 |
| 119 | 32.3 | 25.8 | 38.6 |



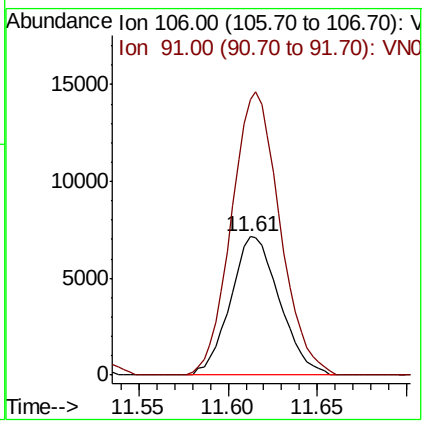


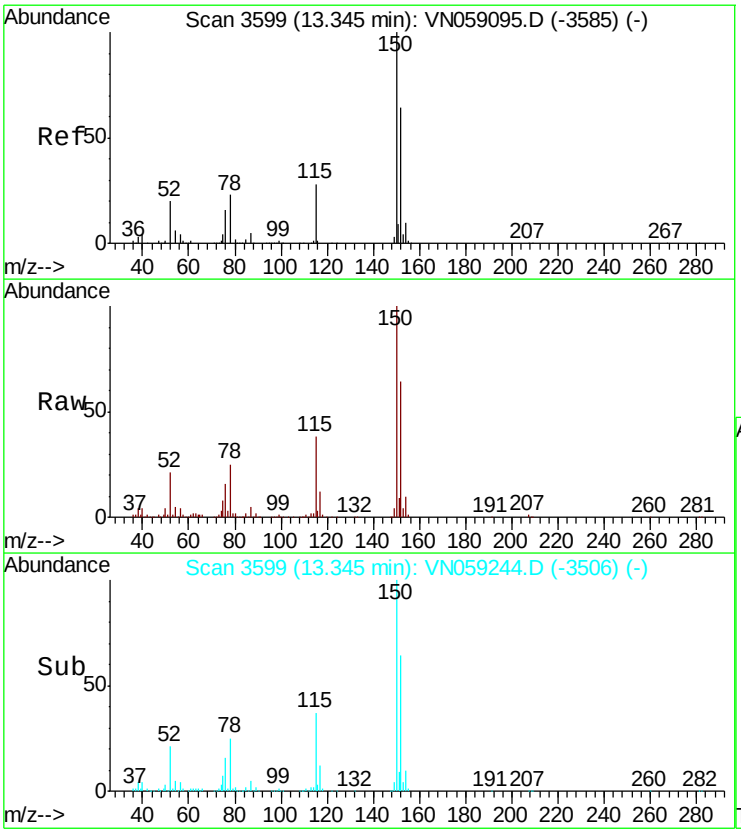

#68
m/p-Xylenes
Concen: 1.734 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-1

Tgt Ion:106 Resp: 13698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 201.8 | 164.7 | 247.1 |

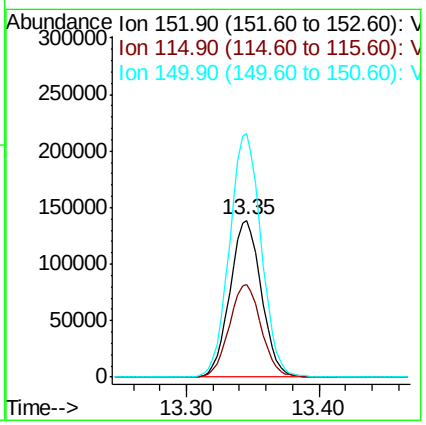


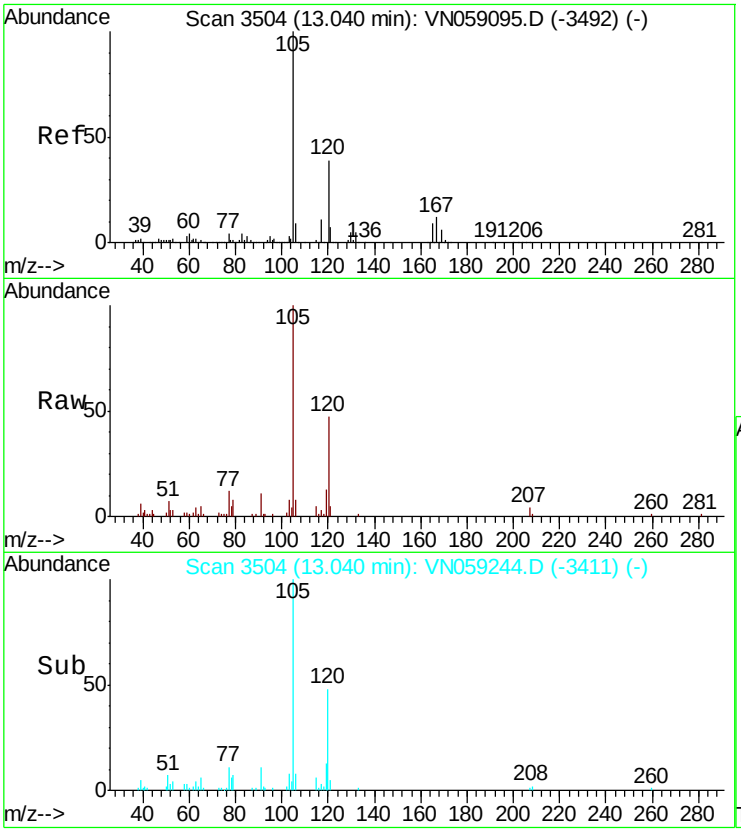




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

Tgt Ion:152 Resp: 228478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.6 | 29.4 | 88.2 |
| 150 | 156.5 | 0.0 | 345.8 |



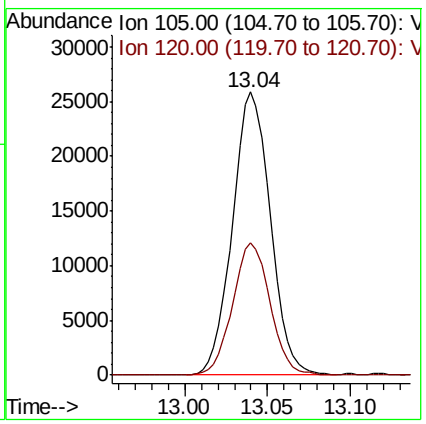


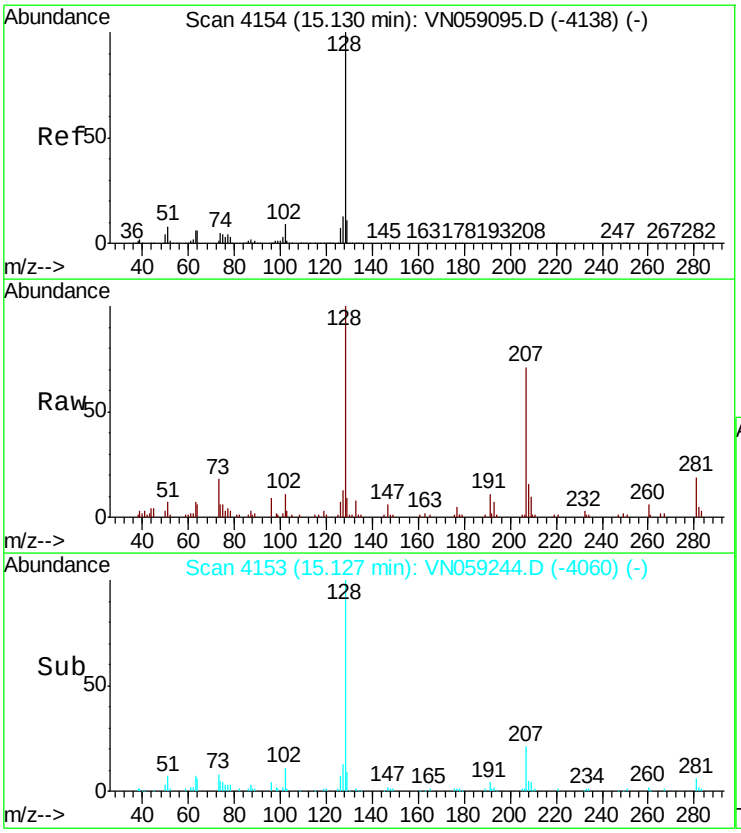

#84
1,2,4-Trimethylbenzene
Concen: 3.025 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-1

Tgt Ion:105 Resp: 41214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.1 | 22.8 | 68.4 |




#95
Naphthalene
Concen: 6.104 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

Tgt Ion:128 Resp: 38566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.4 | 10.2 | 15.2 |
| 129 | 10.6 | 8.6 | 12.8 |