Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011819\
Data File : VN053485.D
Acq On : 18 Jan 2019 21:04
Operator : JC/SP
Sample : K1173-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** RT-3425

Quant Time: Jan 19 01:21:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.67 | 168 | 885694 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.59 | 114 | 1400939 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 1341699 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 610232 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.03 | 65 | 458983 | 52.43 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.86% | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 408828 | 51.13 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.26% | | | |
| 50) Toluene-d8 | 10.09 | 98 | 1740120 | 51.46 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.92% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 616945 | 52.03 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.06% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 3.82 | 43 | 11230 | 5.468 | ug/l | 99 |
| 20) Methylene Chloride | 4.56 | 84 | 127151 | 13.560 | ug/l | 98 |
| 43) Isopropyl Acetate | 8.17 | 43 | 41320 | 3.131 | ug/l # | 82 |
| 68) m/p-Xylenes | 11.62 | 106 | 38682 | 2.117 | ug/l | 100 |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105 | 37240 | 1.016 | ug/l | 97 |
| 95) Naphthalene | 15.14 | 128 | 15578 | 4.912 | ug/l | 98 |

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

Quantitation Report (QT Reviewed)

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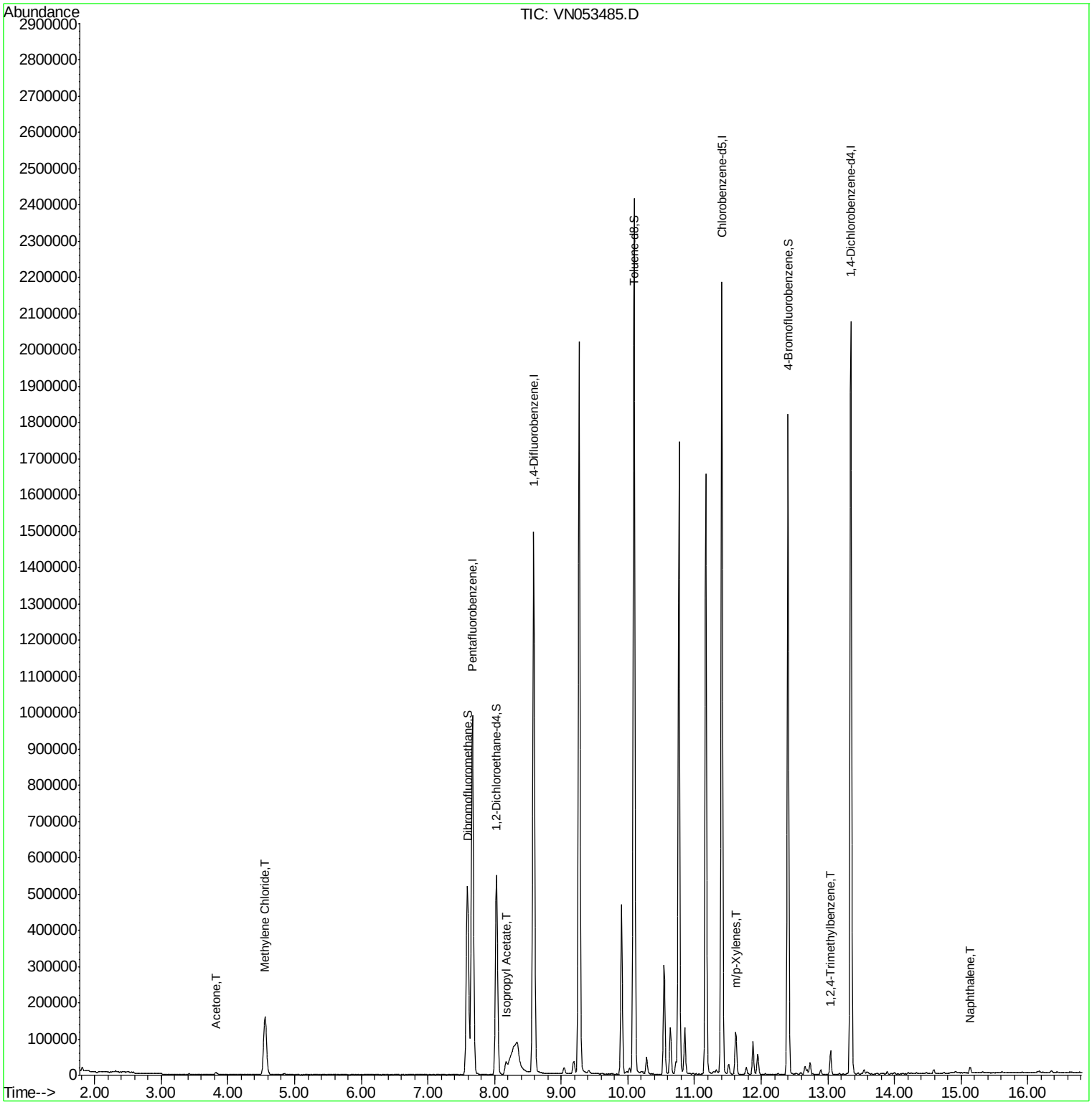
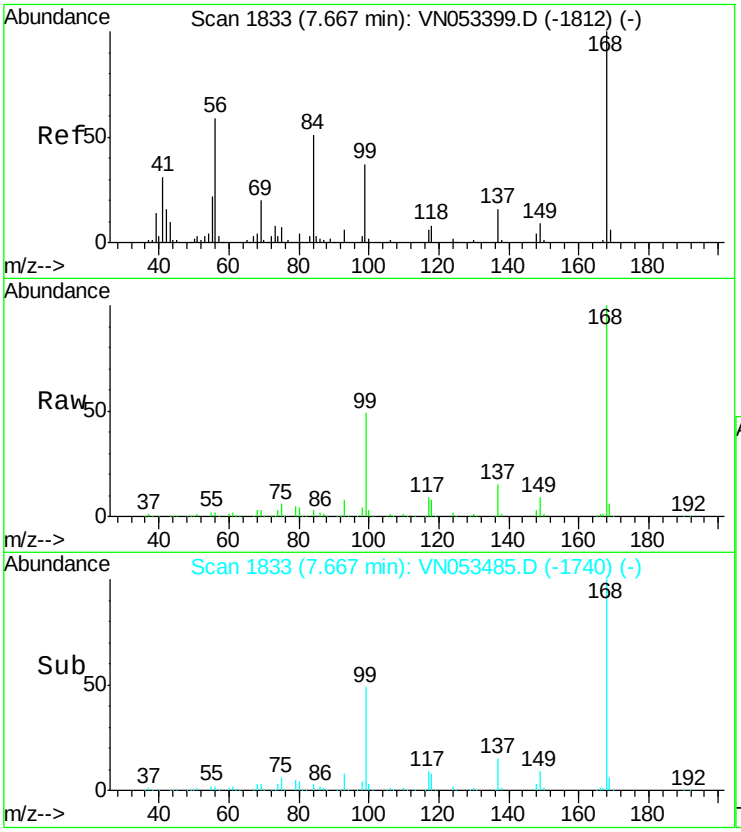
Data File : VN053485.D
Acq On : 18 Jan 2019 21:04
Operator : JC/SP
Sample : K1173-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** RT-3425

Quant Time: Jan 19 01:21:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration



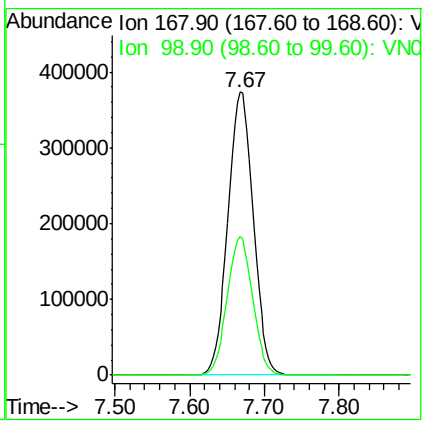


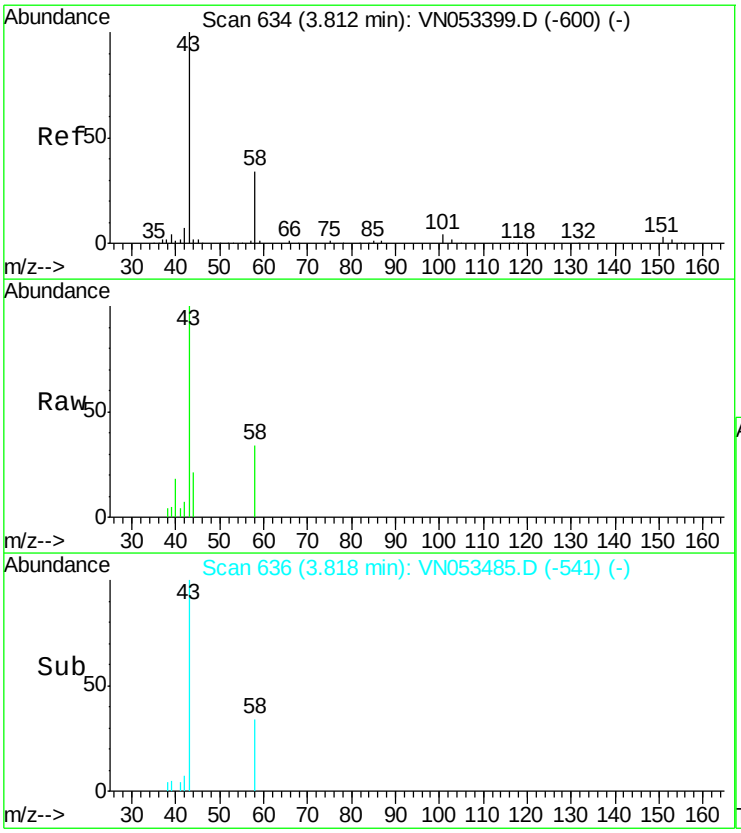

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

**Instrument :**
MSVOA_N
**ClientSampleId :**
RT-3425

Tgt Ion:168 Resp: 885694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 49.1 | 39.1 | 58.7 |

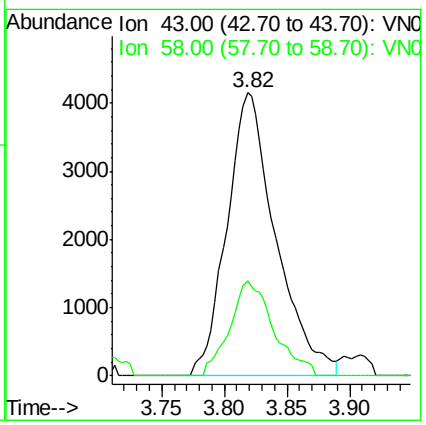


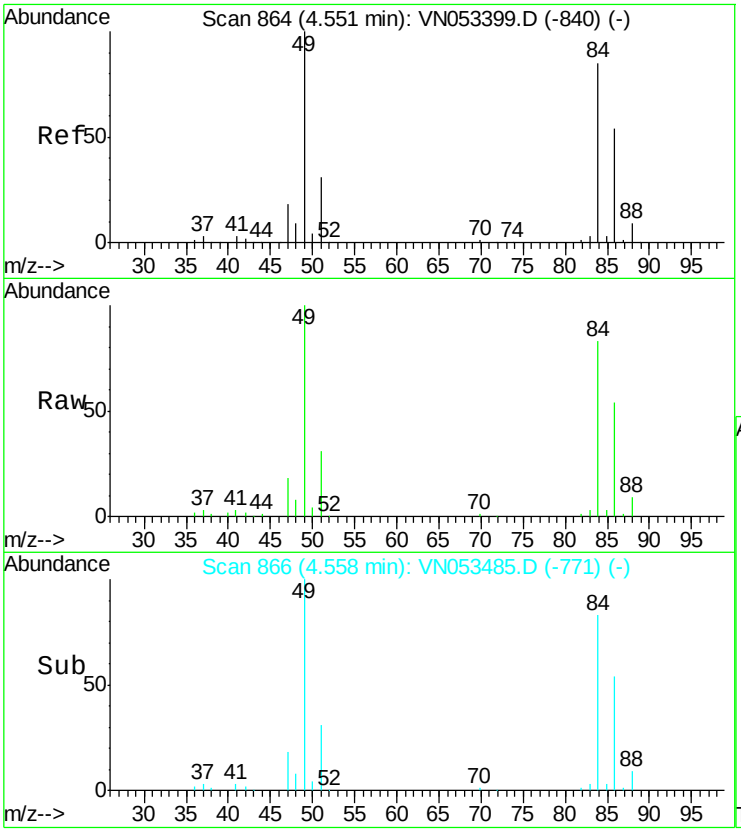




#16
Acetone
Concen: 5.468 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

Tgt Ion: 43 Resp: 11230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.5 | 27.1 | 40.7 |



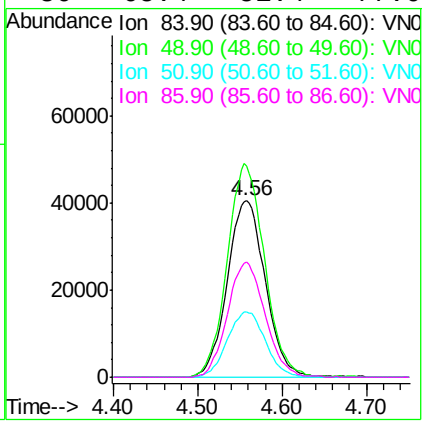


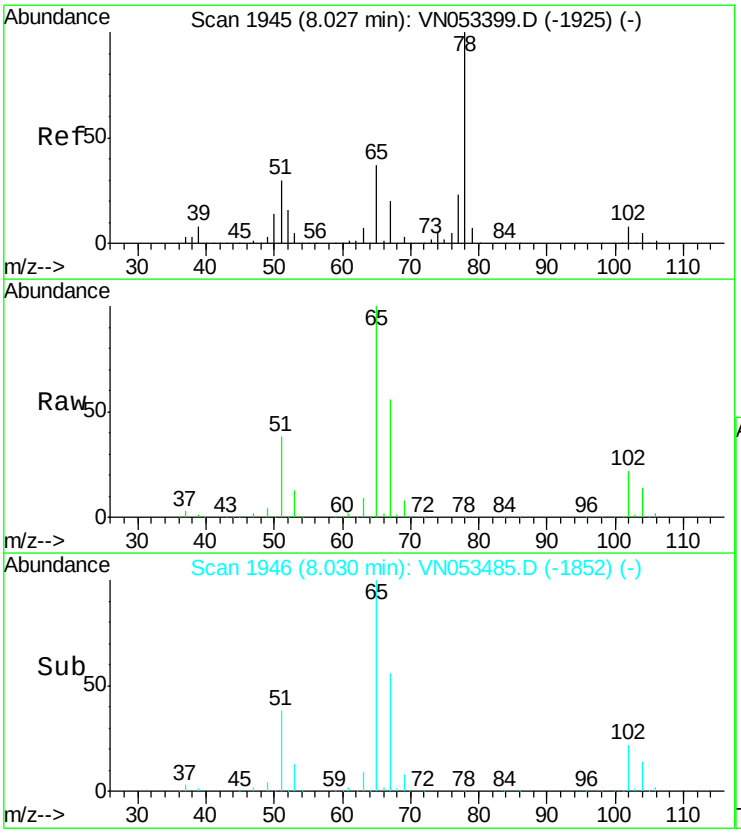

#20
Methylene Chloride
Concen: 13.560 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

**Instrument :** MSVOA_N
**ClientSampleId :** RT-3425

Tgt Ion: 84 Resp: 127151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 120.2 | 94.3 | 141.5 |
| 51 | 36.7 | 29.4 | 44.2 |
| 86 | 65.4 | 51.4 | 77.0 |

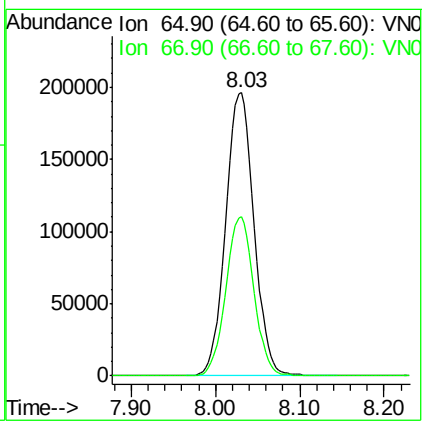


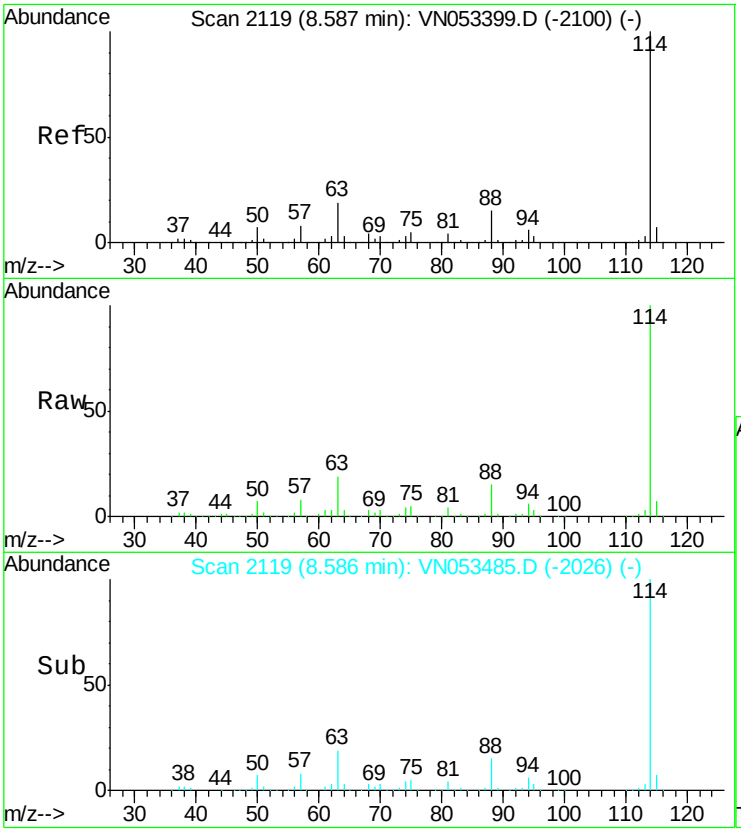




#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

Tgt Ion: 65 Resp: 458983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 55.6 | 0.0 | 111.2 |



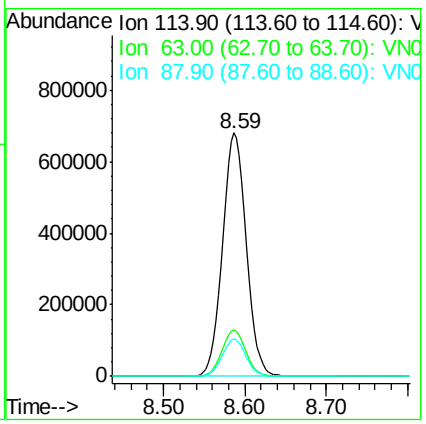


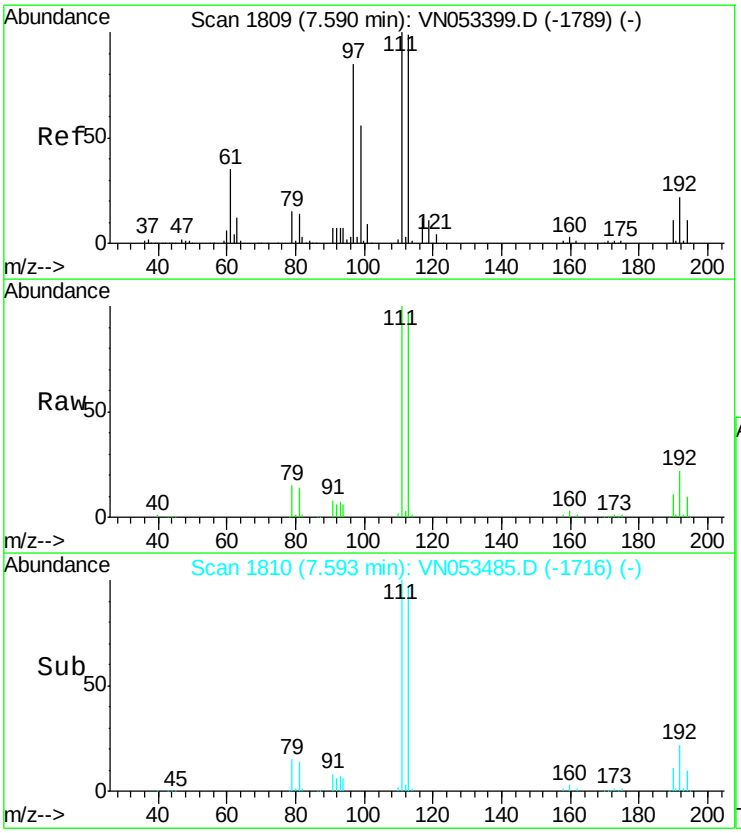

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

**Instrument :** MSVOA_N
**ClientSampleId :** RT-3425

Tgt Ion:114 Resp: 1400939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.2 | 0.0 | 38.6 |
| 88 | 15.3 | 0.0 | 30.4 |

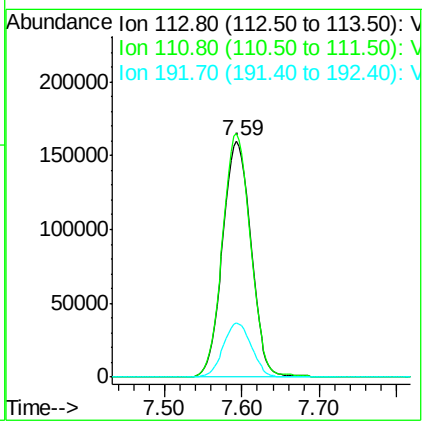


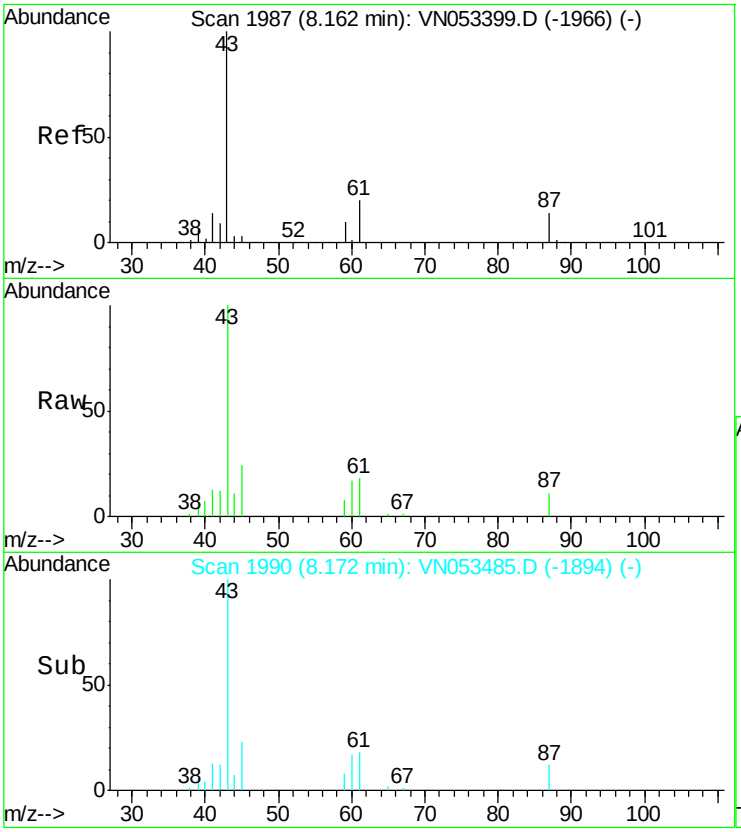




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

Tgt Ion:113 Resp: 408828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.8 | 81.1 | 121.7 |
| 192 | 22.7 | 18.2 | 27.2 |



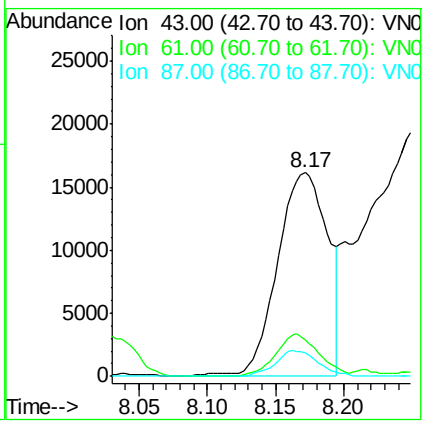


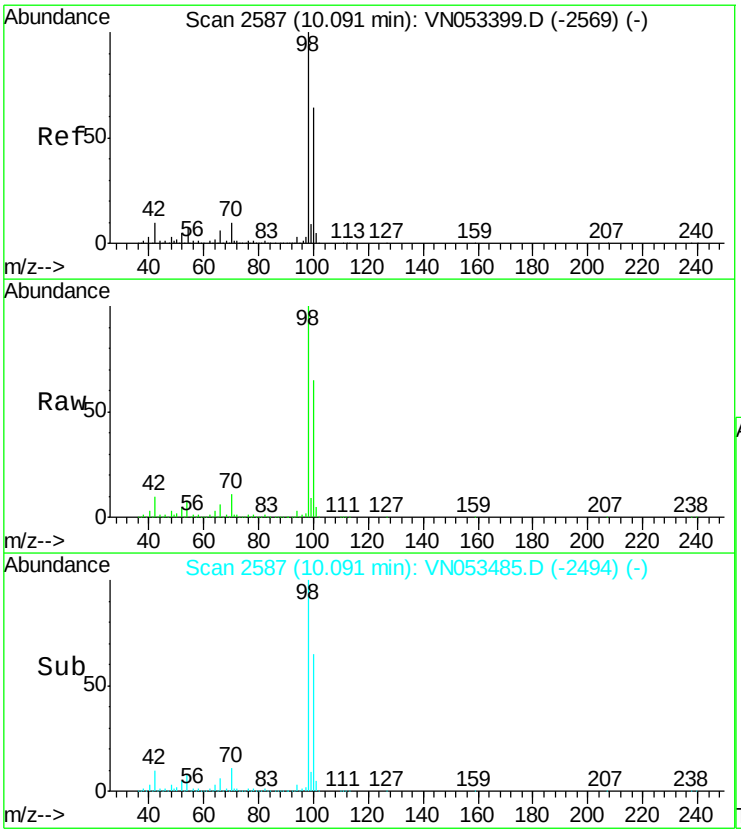

#43
Isopropyl Acetate
Concen: 3.131 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

**Instrument :** MSVOA_N
**ClientSampleId :** RT-3425

Tgt Ion: 43 Resp: 41320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 17.8 | 23.9 | 35.9# |
| 87 | 10.7 | 11.0 | 16.6# |

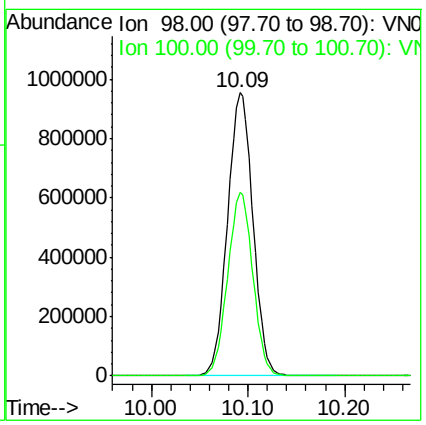


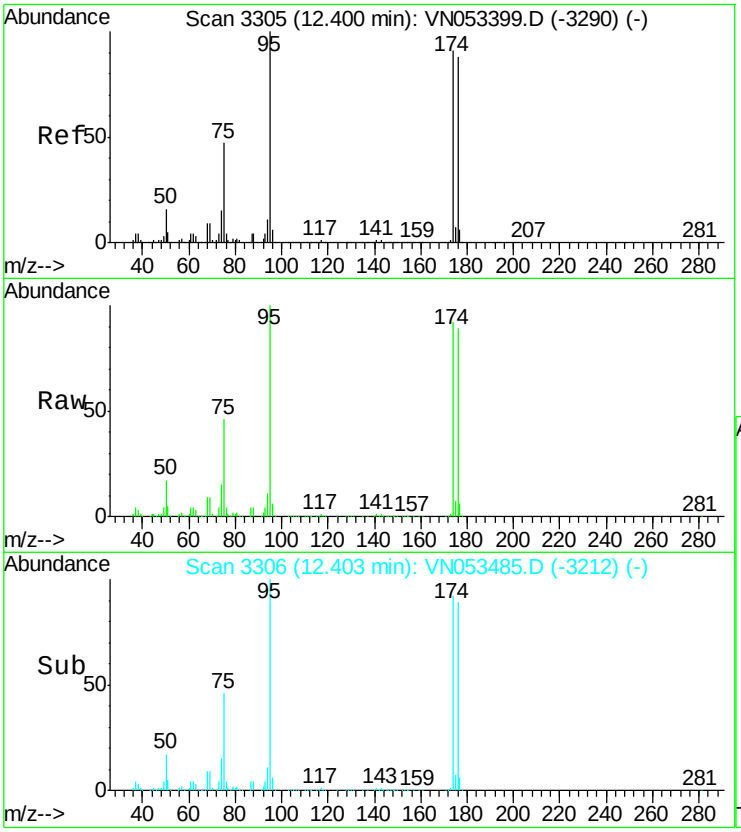




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

Tgt Ion: 98 Resp: 1740120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.1 | 51.4 | 77.0 |



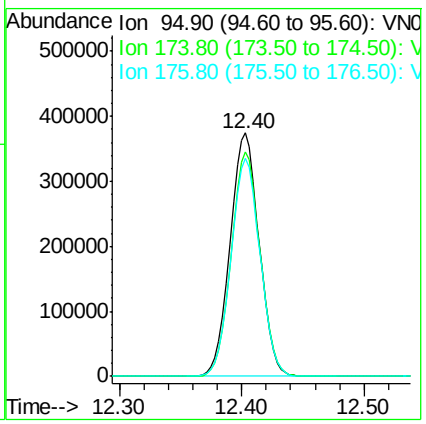


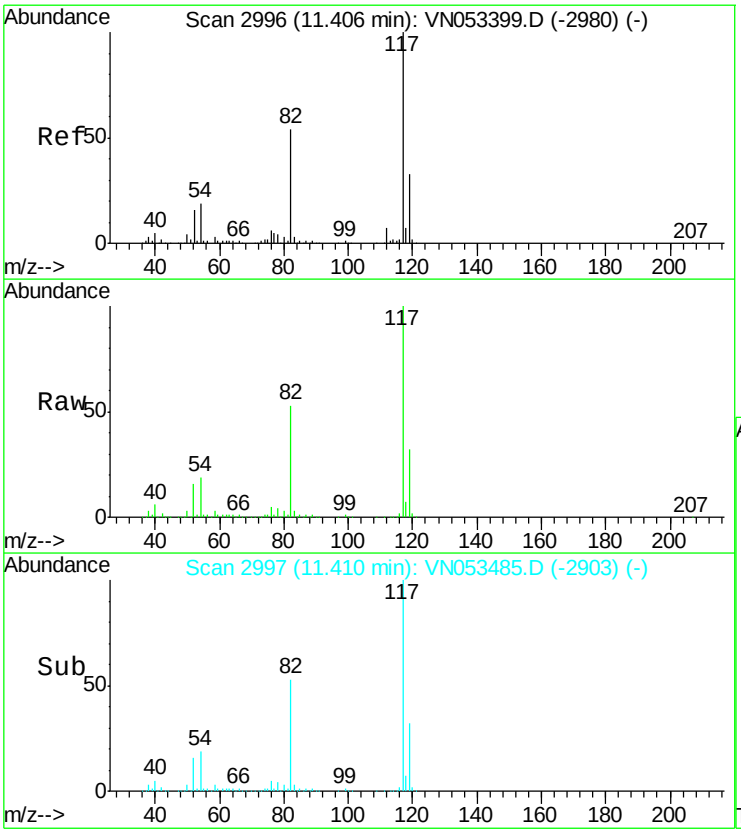

#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

**Instrument :**
MSVOA_N
**ClientSampleId :**
RT-3425

Tgt Ion: 95 Resp: 616945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 91.4 | 0.0 | 183.2 |
| 176 | 89.4 | 0.0 | 177.4 |

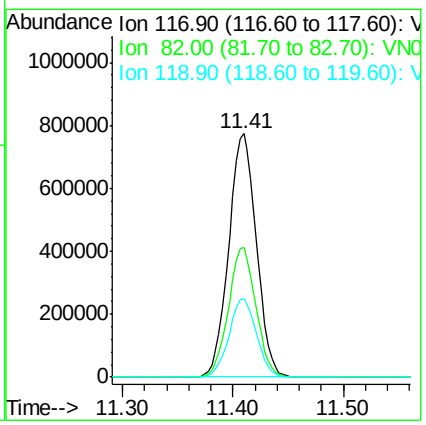


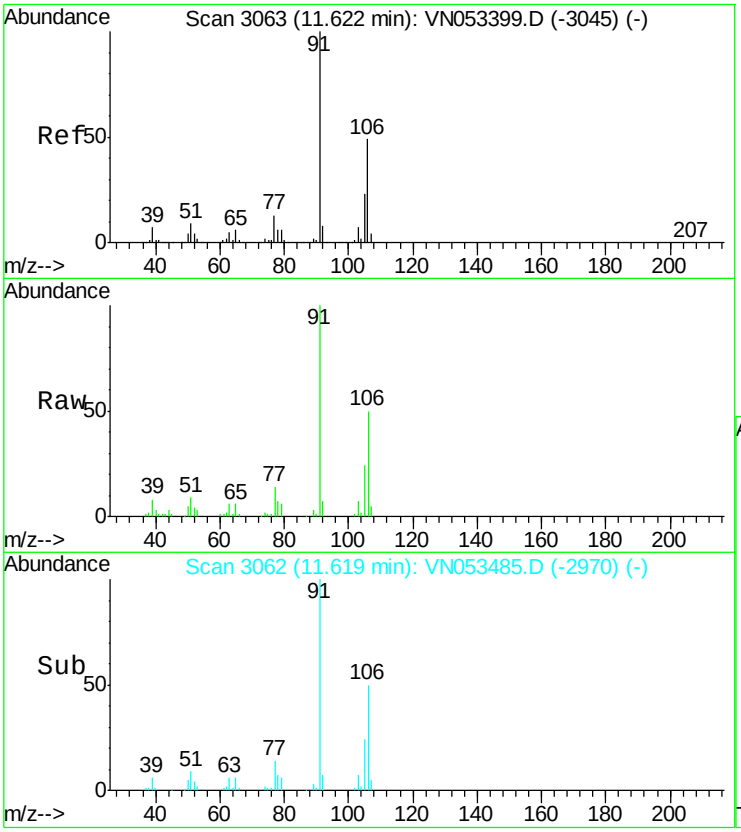




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

Tgt Ion:117 Resp: 1341699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.1 | 42.9 | 64.3 |
| 119 | 32.2 | 26.0 | 39.0 |



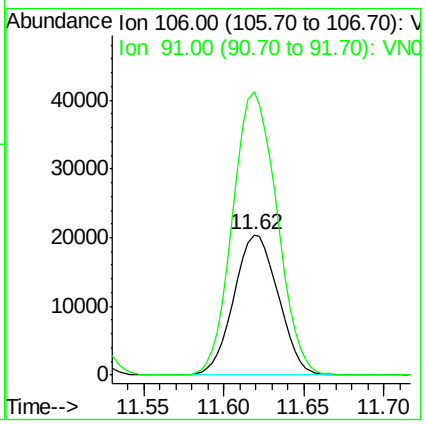


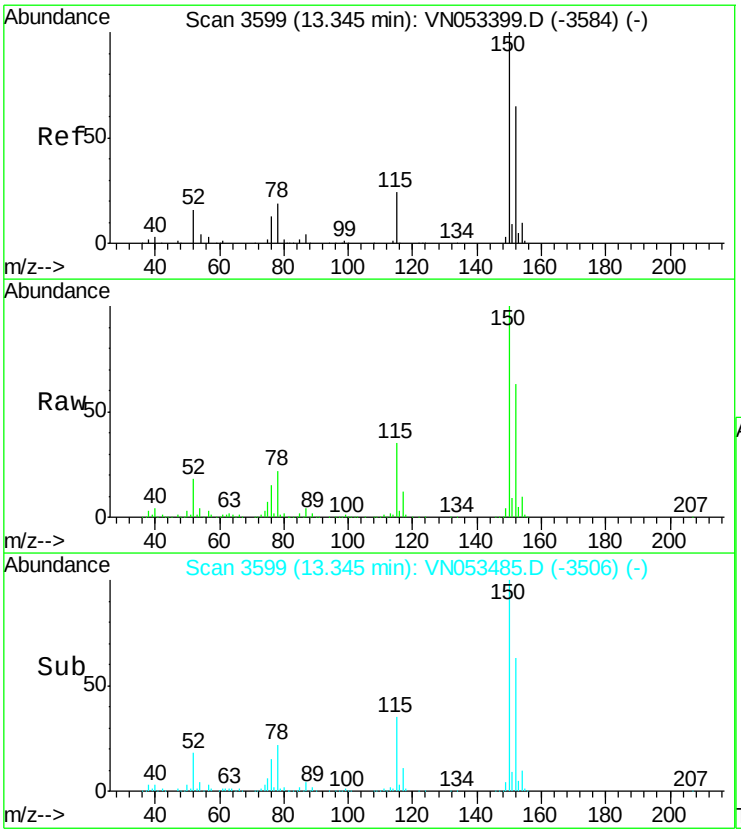

#68
m/p-Xylenes
Concen: 2.117 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

**Instrument :** MSVOA_N
**ClientSampleId :** RT-3425

Tgt Ion:106 Resp: 38682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 201.9 | 161.4 | 242.2 |

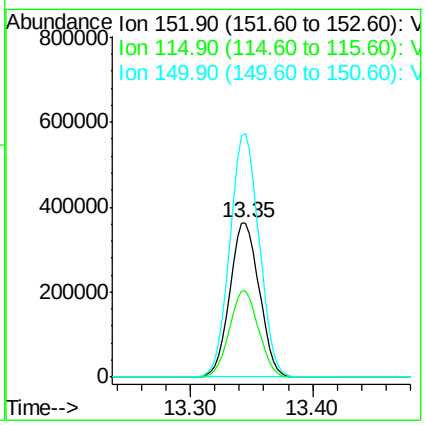


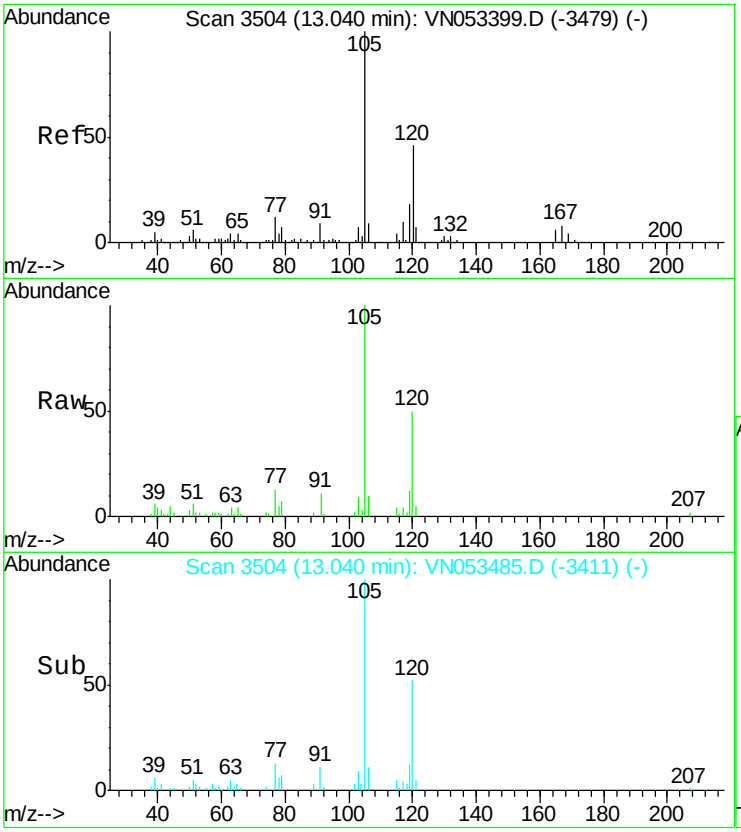




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

Tgt Ion:152 Resp: 610232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.7 | 27.8 | 83.4 |
| 150 | 156.5 | 0.0 | 349.0 |



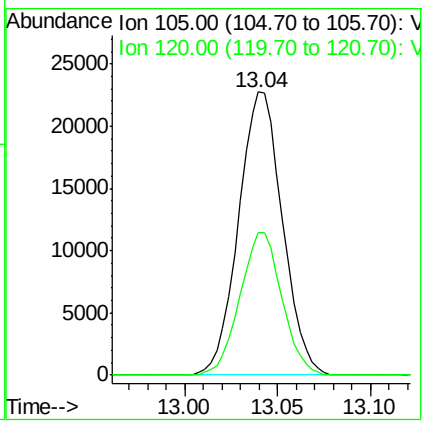


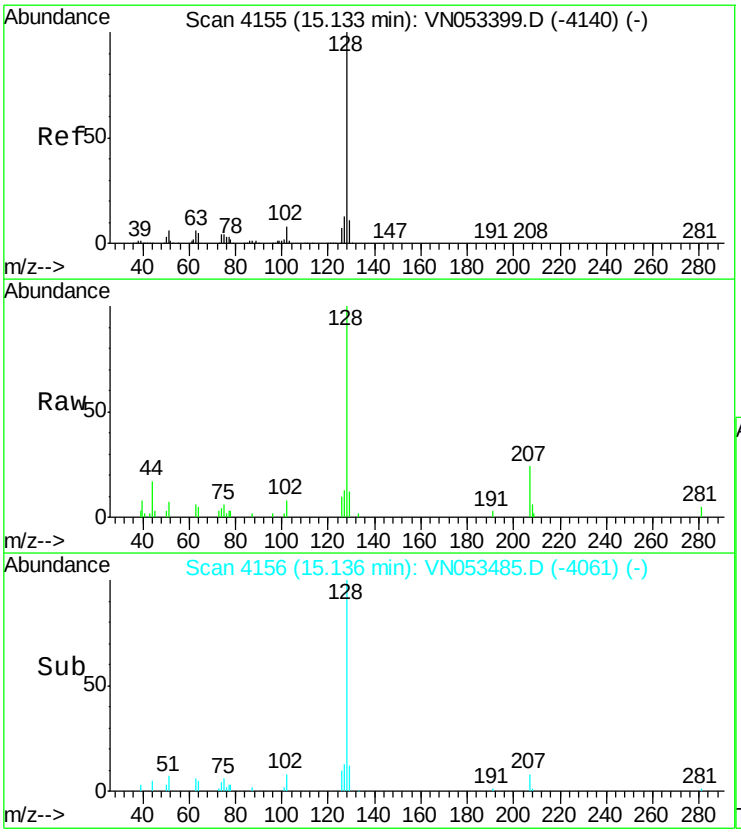

#84
1,2,4-Trimethylbenzene
Concen: 1.016 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

**Instrument :**
MSVOA_N
**ClientSampleId :**
RT-3425

Tgt Ion:105 Resp: 37240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.1 | 23.0 | 69.0 |




#95
Naphthalene
Concen: 4.912 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

Tgt Ion:128 Resp: 15578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 10.3 | 15.5 |
| 129 | 12.0 | 8.6 | 13.0 |