Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042920\
Data File : VN061182.D
Acq On : 29 Apr 2020 10:42
Operator : JC/MD
Sample : VN0429WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** VN0429WBL01

Quant Time: Apr 29 15:14:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.62 | 168 | 97120 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.54 | 114 | 171046 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.38 | 117 | 160362 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152 | 63597 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.98 | 65 | 76987 | 50.10 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.20% | | | |
| 35) Dibromofluoromethane | 7.54 | 113 | 52331 | 51.74 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.48% | | | |
| 50) Toluene-d8 | 10.06 | 98 | 212137 | 51.45 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.90% | | | |
| 62) 4-Bromofluorobenzene | 12.37 | 95 | 75022 | 48.35 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.70% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 2.04 | 50 | 441 | 0.354 | ug/l # | 42 |
| 16) Acetone | 3.77 | 43 | 1688 | Below Cal | # | 85 |
| 18) Methyl Acetate | 4.28 | 43 | 624 | 0.996 | ug/l # | 55 |
| 31) Cyclohexane | 7.62 | 56 | 2610 | 1.167 | ug/l # | 19 |
| 36) 1,1-Dichloropropene | 7.62 | 75 | 9094 | 5.311 | ug/l # | 49 |
| 38) Carbon Tetrachloride | 7.62 | 117 | 10333 | 8.598 | ug/l # | 17 |
| 51) 4-Methyl-2-Pentanone | 10.06 | 43 | 1208 | 0.616 | ug/l # | 1 |
| 59) 2-Hexanone | 10.73 | 43 | 348 | 0.244 | ug/l # | 27 |
| 76) 1,2,3-Trichloropropane | 12.37 | 75 | 42090 | 31.392 | ug/l # | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.37 | 75 | 42090 | 79.719 | ug/l # | 8 |
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180 | 440 | 0.379 | ug/l # | 60 |
| 95) Naphthalene | 15.10 | 128 | 2058 | 0.545 | ug/l # | 76 |
| 96) 1,2,3-Trichlorobenzene | 15.29 | 180 | 520 | 0.454 | ug/l # | 84 |

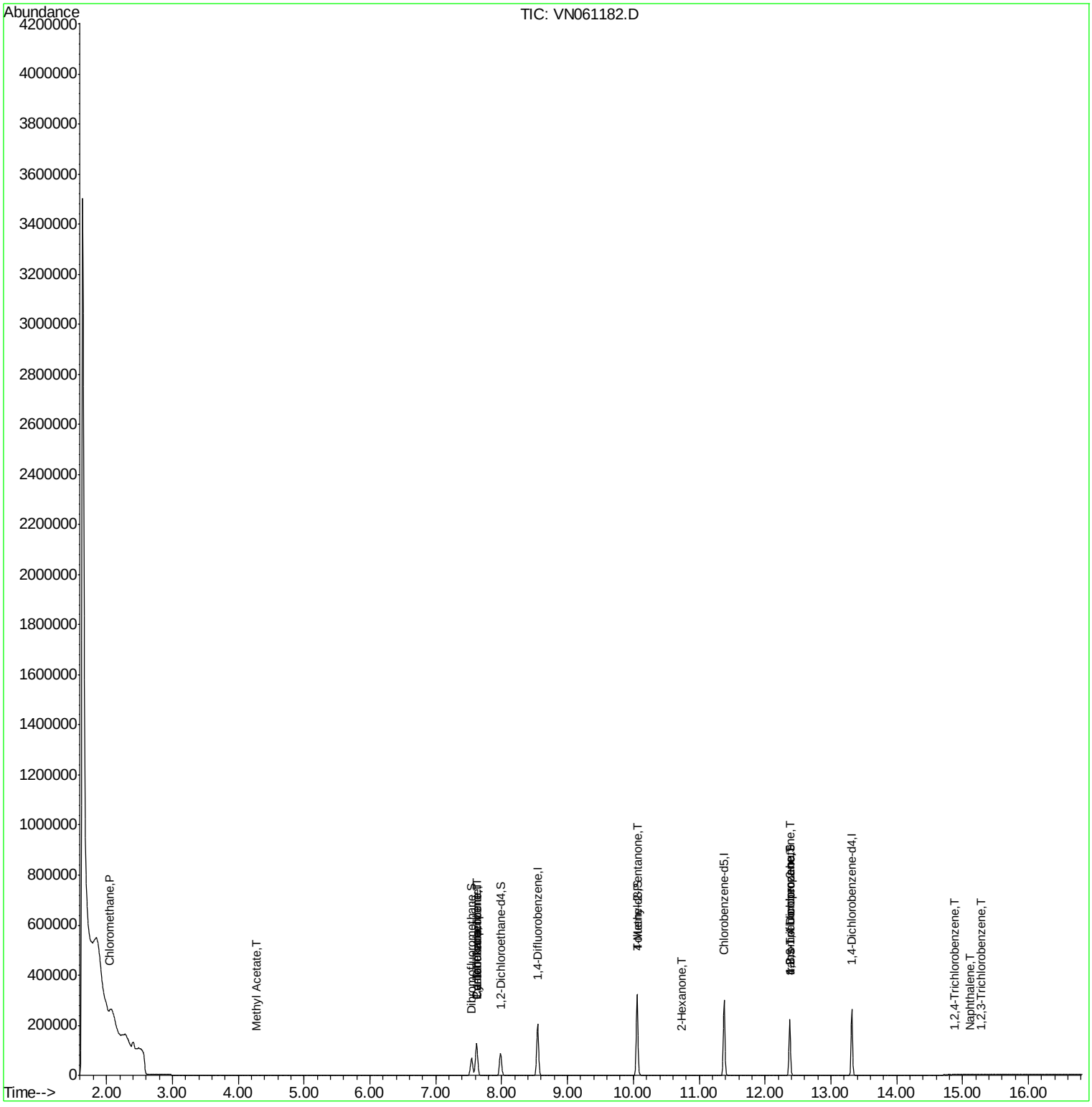
(#) = qualifier out of range (m) = manual integration (+) = signals summed

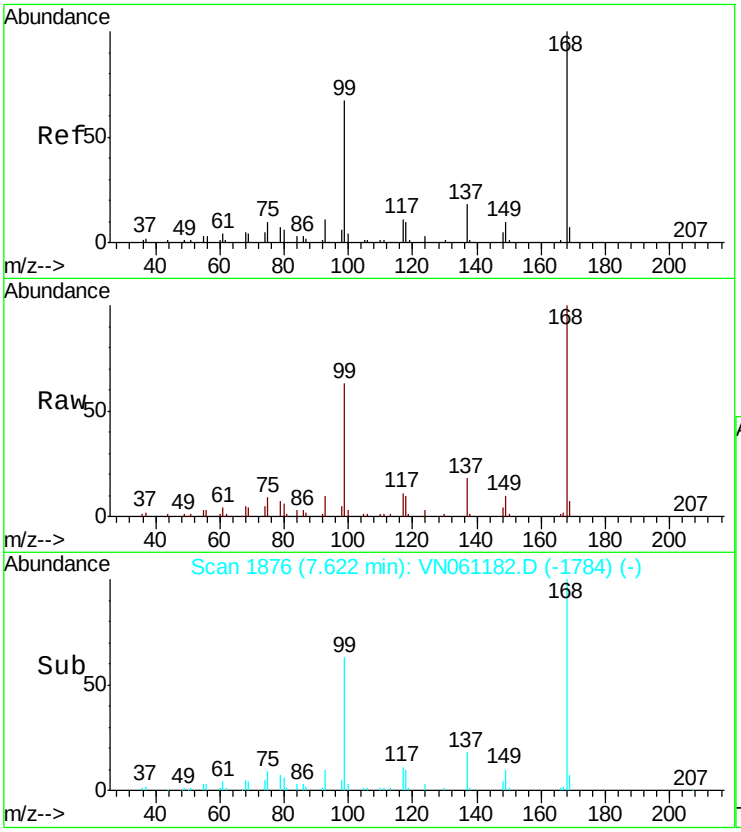
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042920\
Data File : VN061182.D
Acq On : 29 Apr 2020 10:42
Operator : JC/MD
Sample : VN0429WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0429WBL01

Quant Time: Apr 29 15:14:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration



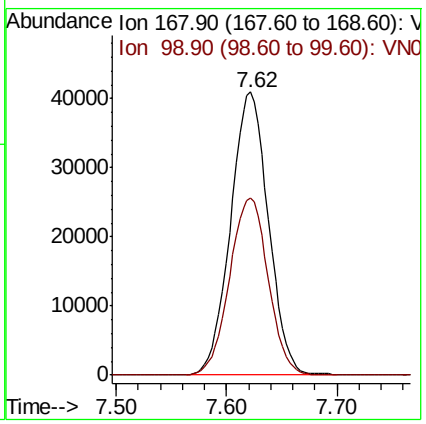


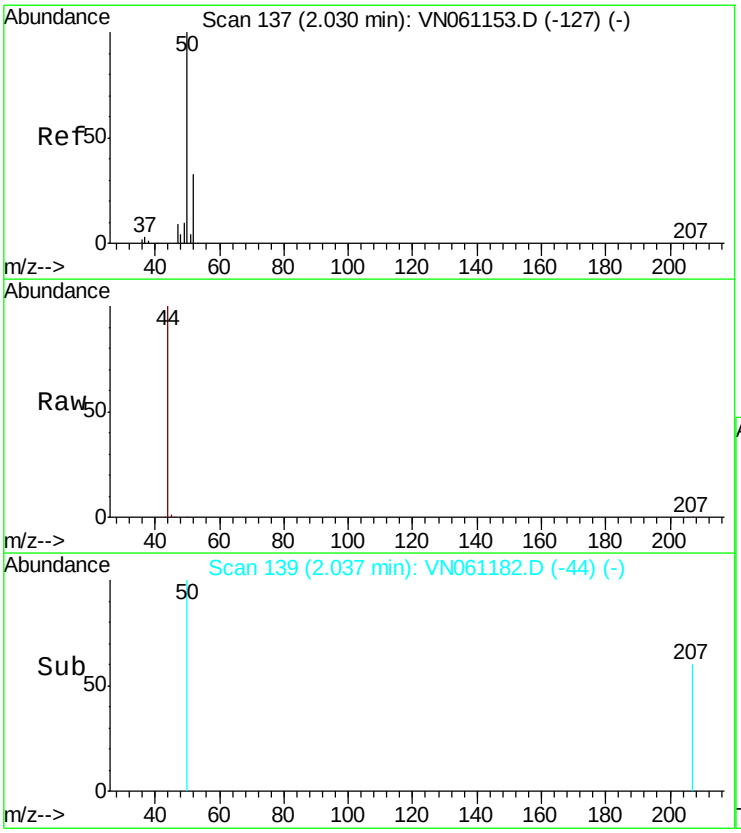

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0429WBL01

Tgt Ion:168 Resp: 97120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 62.7 | 51.2 | 76.8 |

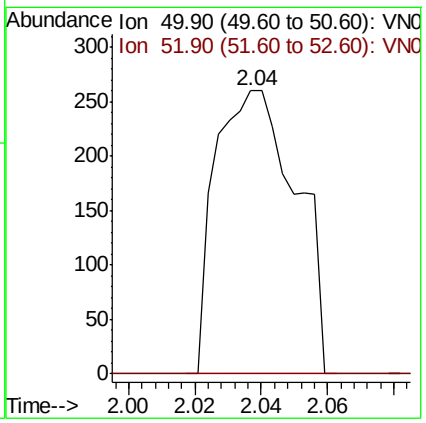


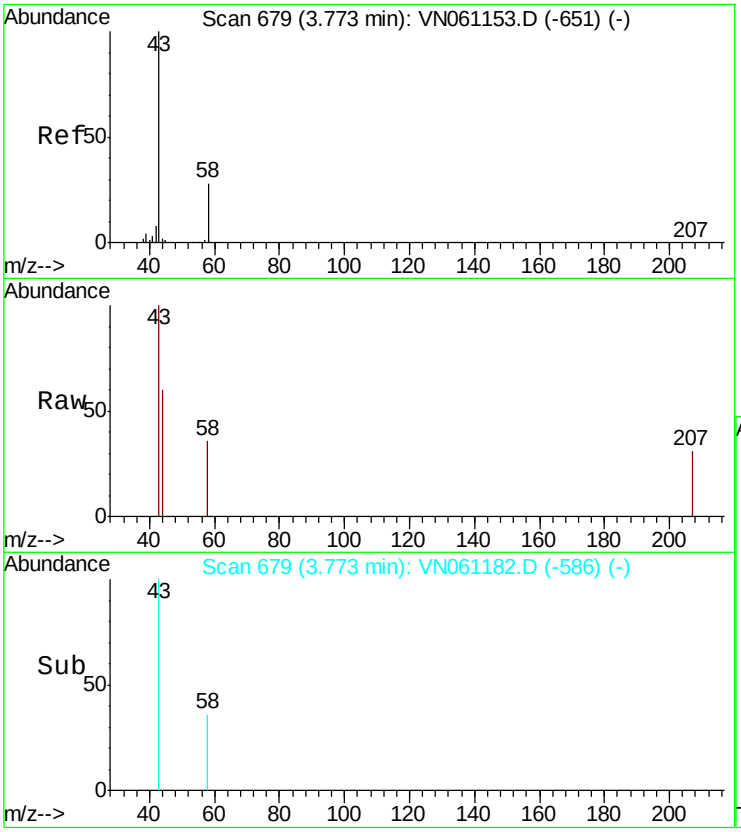




#3
Chloromethane
Concen: 0.354 ug/l
RT: 2.04 min Scan# 139
Delta R.T. 0.01 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

Tgt Ion: 50 Resp: 441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 0.0 | 26.0 | 39.0# |



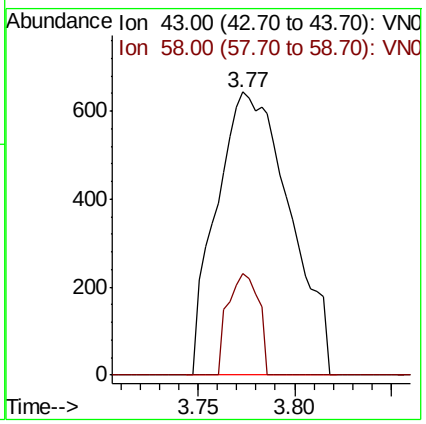


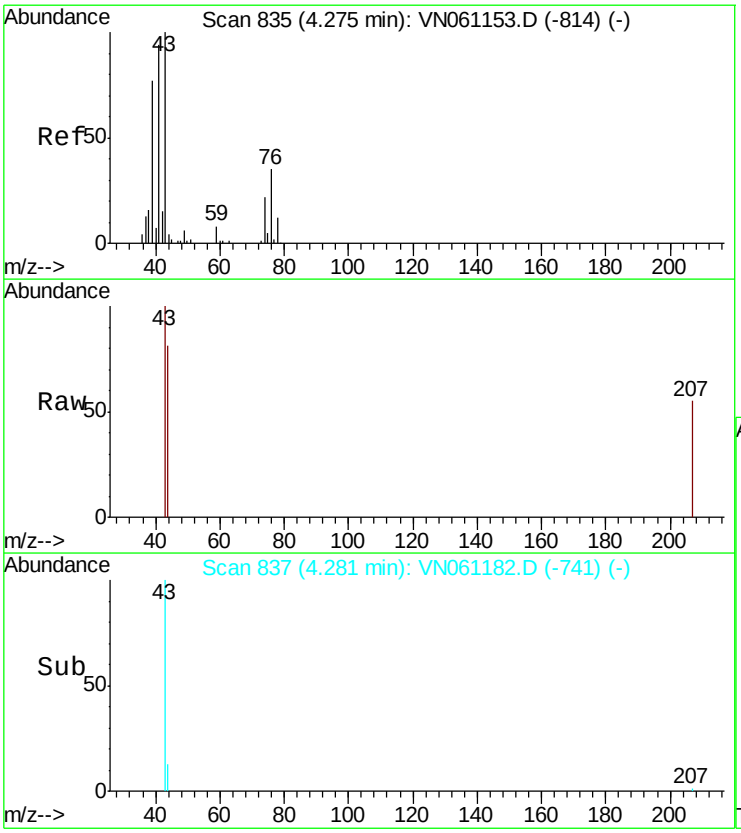

#16
Acetone
Concen: Below Cal
RT: 3.77 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0429WBL01

Tgt Ion: 43 Resp: 1688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.8 | 22.2 | 33.2# |

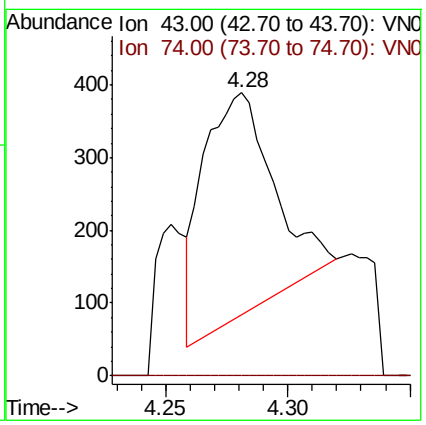


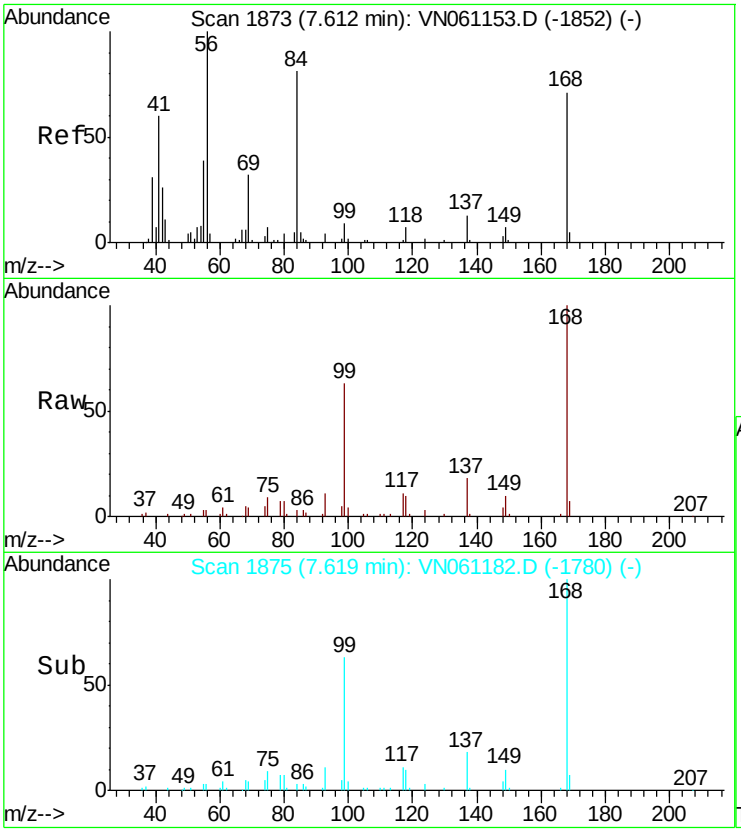




#18
Methyl Acetate
Concen: 0.996 ug/l
RT: 4.28 min Scan# 837
Delta R.T. 0.01 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

Tgt Ion: 43 Resp: 624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 17.0 | 25.4# |



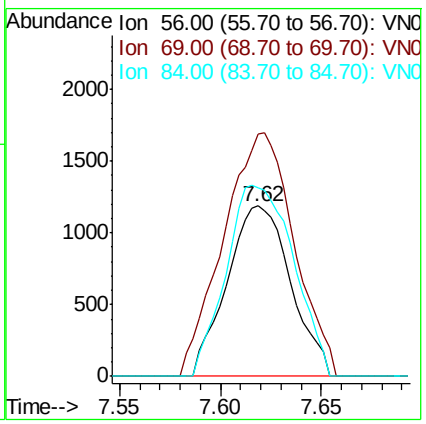


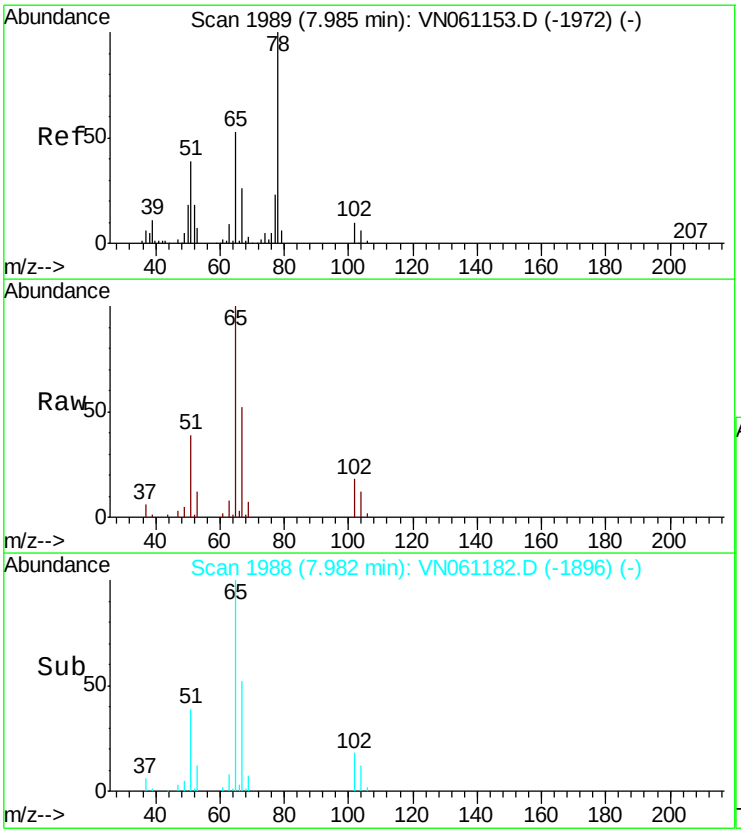

#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.62 min Scan# 1875
Delta R.T. 0.01 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

**Instrument :** MSVOA_N
**ClientSampleId :** VN0429WBL01

Tgt Ion: 56 Resp: 2610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 142.7 | 25.7 | 38.5# |
| 84 | 110.9 | 64.6 | 97.0# |

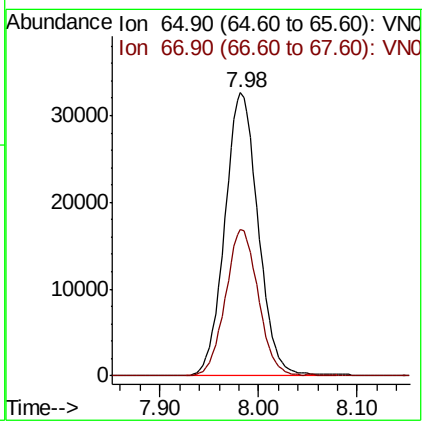


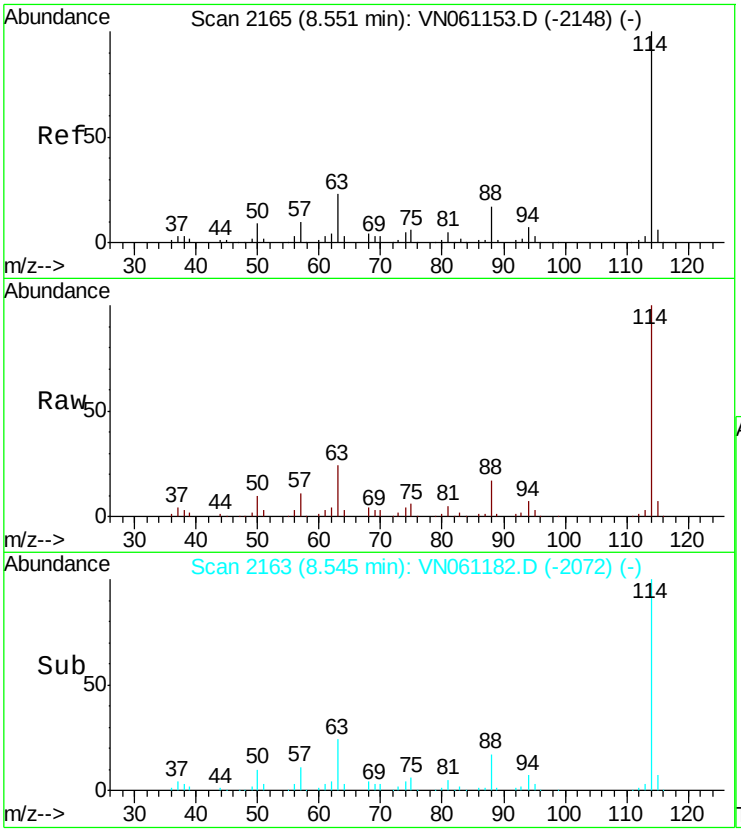




#33
1,2-Dichloroethane-d4
Concen: 50.098 ug/l
RT: 7.98 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

Tgt Ion: 65 Resp: 76987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.6 | 0.0 | 101.6 |



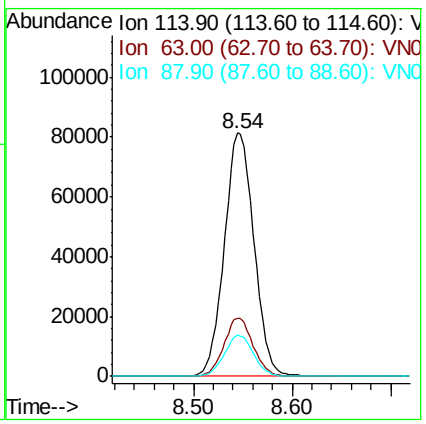


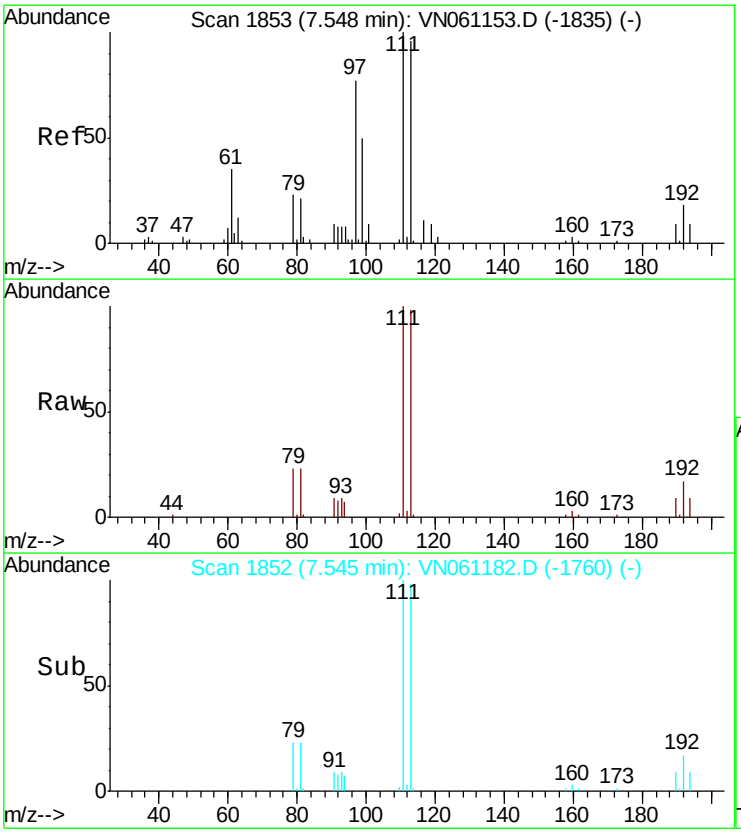

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.54 min Scan# 2163
Delta R.T. -0.01 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0429WBL01

Tgt Ion:114 Resp: 171046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.9 | 0.0 | 46.6 |
| 88 | 16.8 | 0.0 | 33.4 |

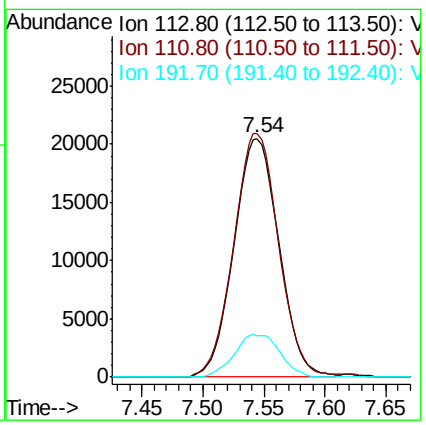


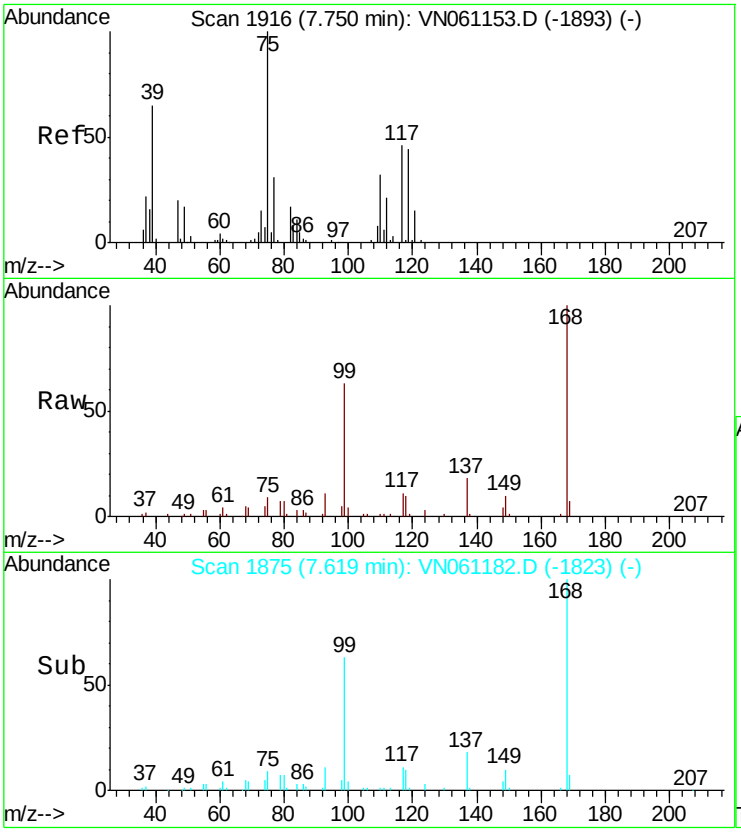




#35
Dibromofluoromethane
Concen: 51.739 ug/l
RT: 7.54 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

Tgt Ion:113 Resp: 52331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.1 | 82.9 | 124.3 |
| 192 | 18.1 | 14.7 | 22.1 |



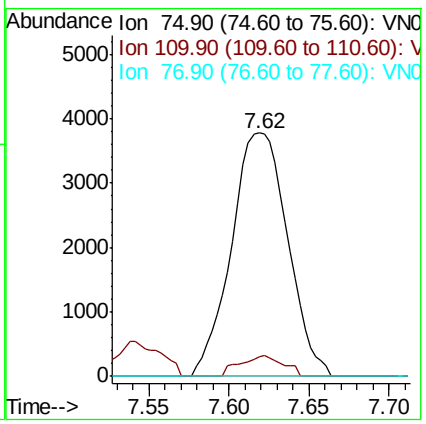


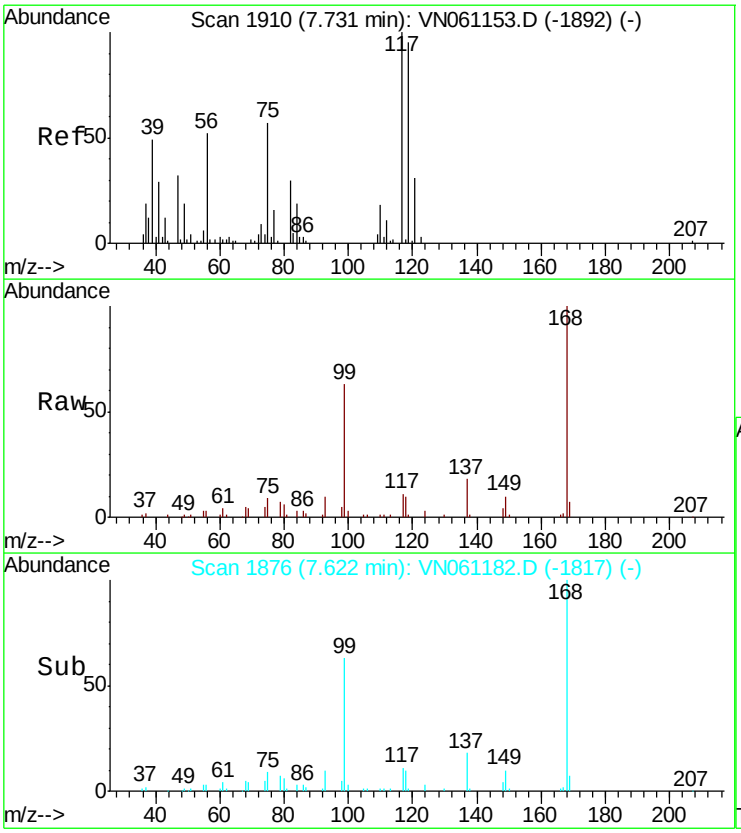

#36
1,1-Dichloropropene
Concen: 5.311 ug/l
RT: 7.62 min Scan# 1875
Delta R.T. -0.13 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0429WBL01

Tgt Ion: 75 Resp: 9094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 6.5 | 16.0 | 48.0# |
| 77 | 0.0 | 24.6 | 37.0# |

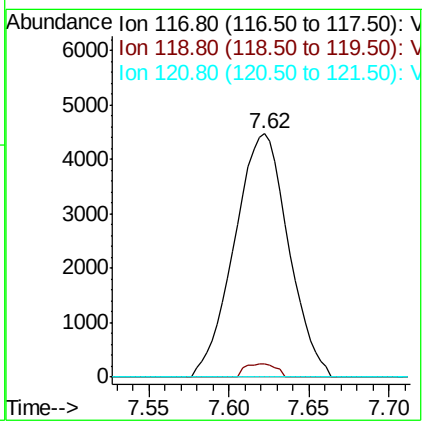


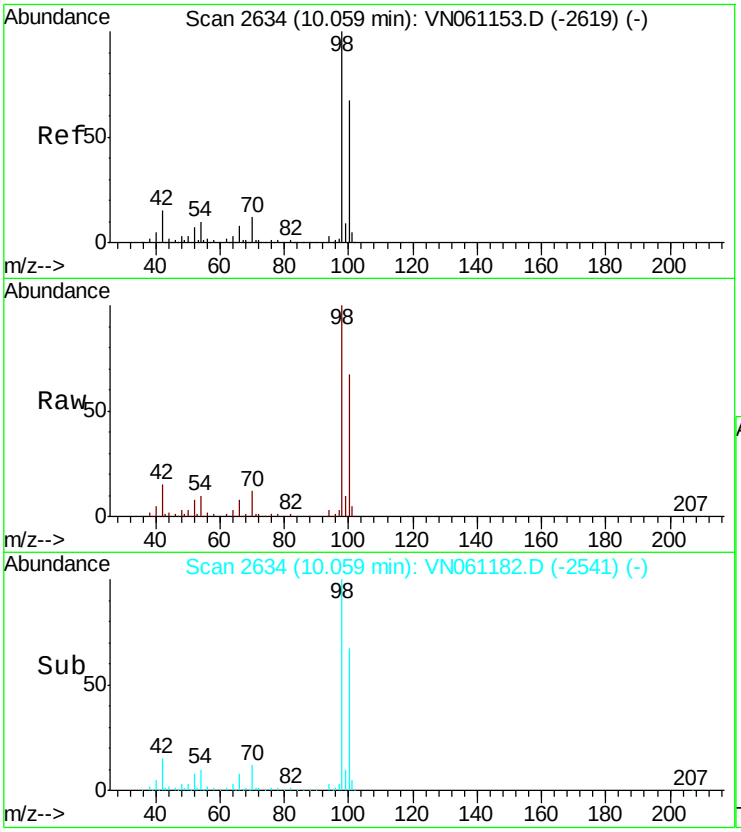




#38
Carbon Tetrachloride
Concen: 8.598 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. -0.11 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

Tgt Ion:117 Resp: 10333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.5 | 75.8 | 113.6# |
| 121 | 0.0 | 24.7 | 37.1# |



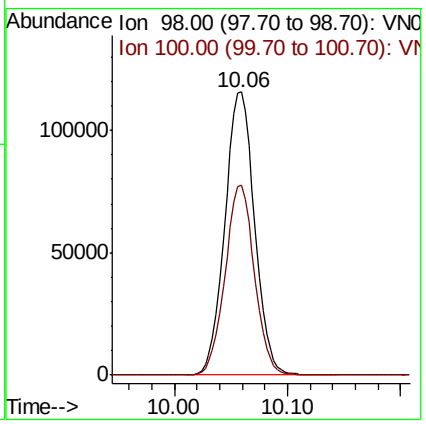


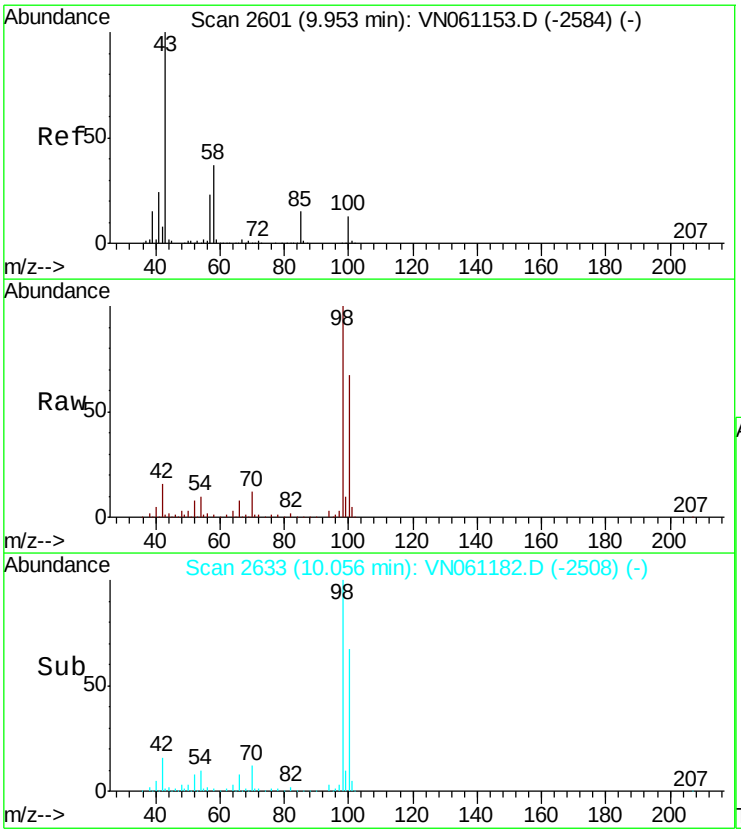

#50
Toluene-d8
Concen: 51.450 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. -0.00 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

**Instrument :** MSVOA_N
**ClientSampleId :** VN0429WBL01

Tgt Ion: 98 Resp: 212137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.0 | 53.4 | 80.0 |

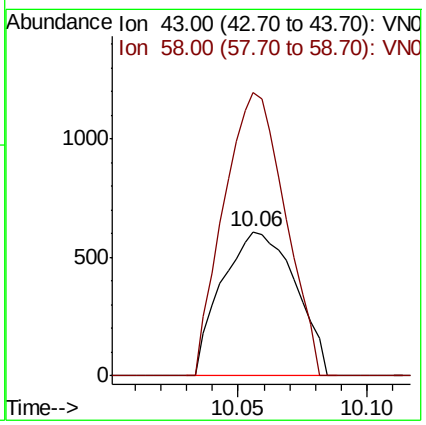


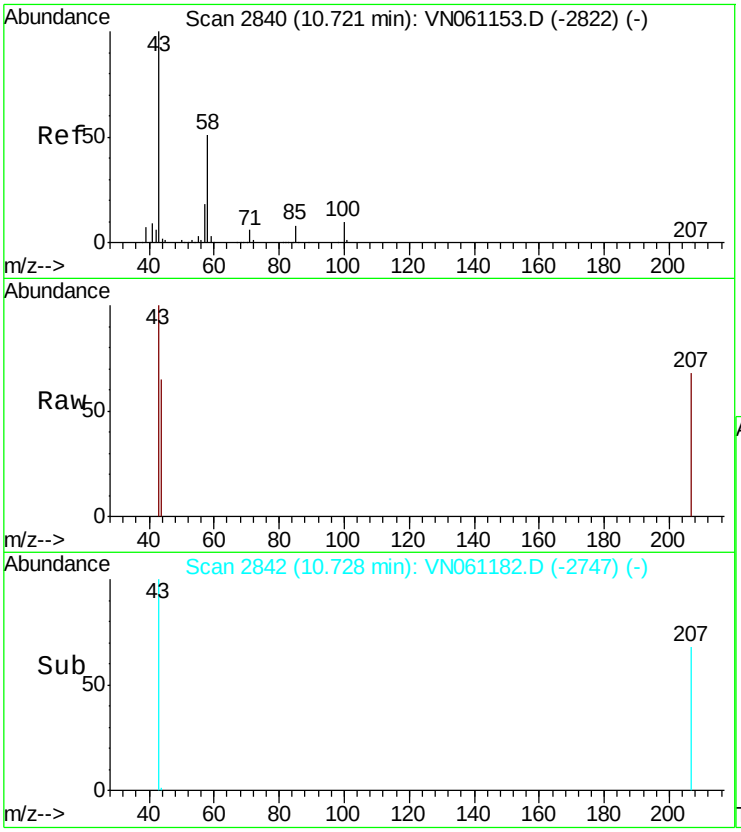




#51
4-Methyl-2-Pentanone
Concen: 0.616 ug/l
RT: 10.06 min Scan# 2633
Delta R.T. 0.10 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

Tgt Ion: 43 Resp: 1208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 163.5 | 29.1 | 43.7# |



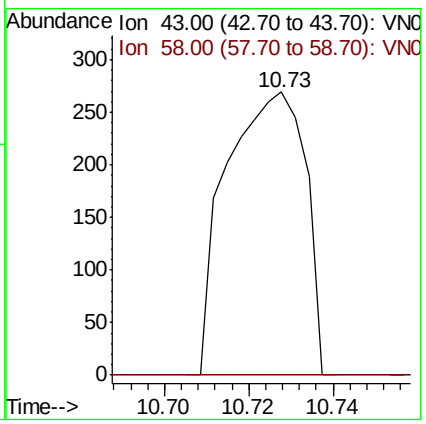


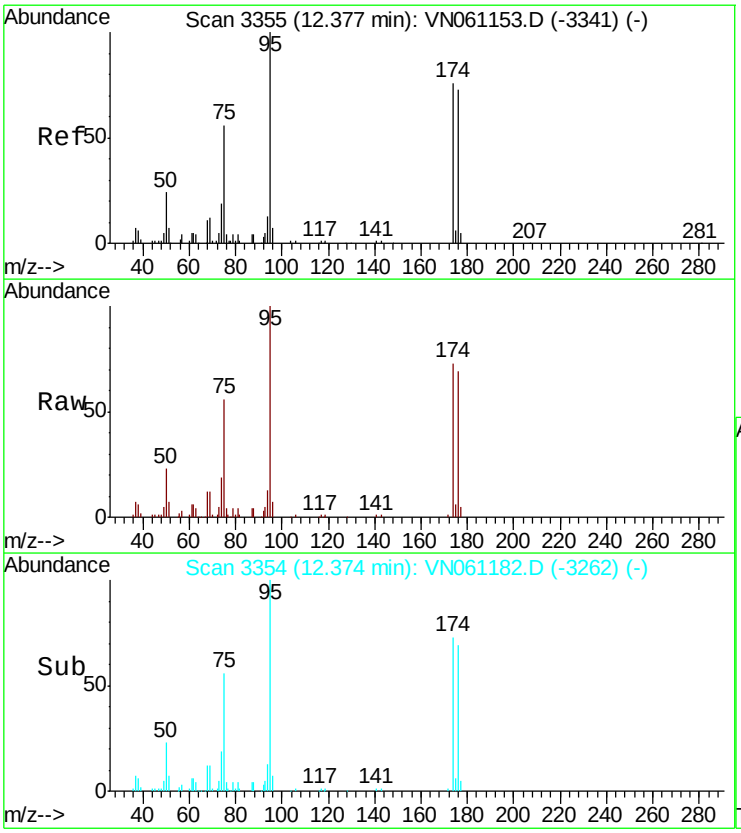

#59
2-Hexanone
Concen: 0.244 ug/l
RT: 10.73 min Scan# 2842
Delta R.T. 0.01 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

**Instrument :** MSVOA_N
**ClientSampleId :** VN0429WBL01

Tgt Ion: 43 Resp: 348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 25.4 | 76.4# |

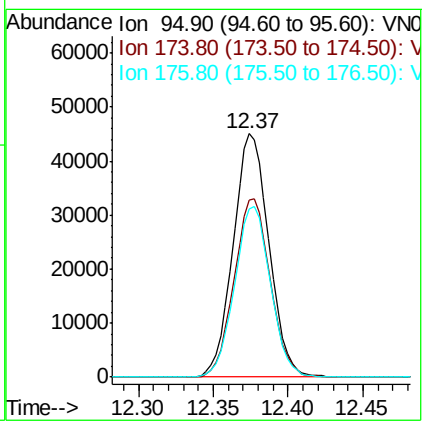


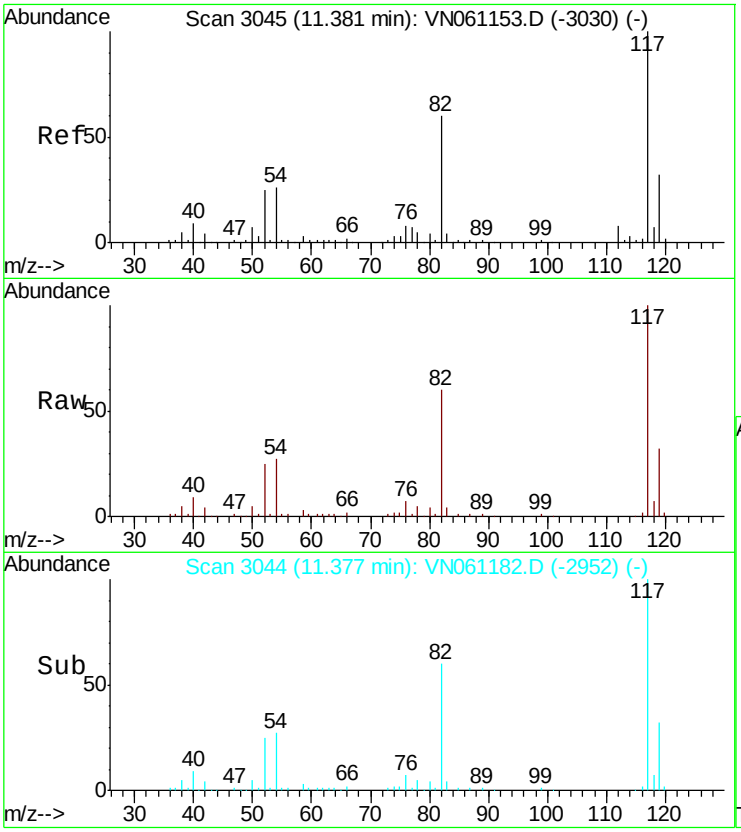




#62
4-Bromofluorobenzene
Concen: 48.351 ug/l
RT: 12.37 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

Tgt Ion: 95 Resp: 75022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 73.9 | 0.0 | 149.4 |
| 176 | 70.2 | 0.0 | 144.8 |



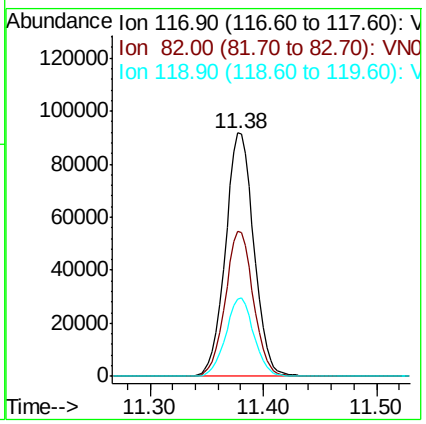


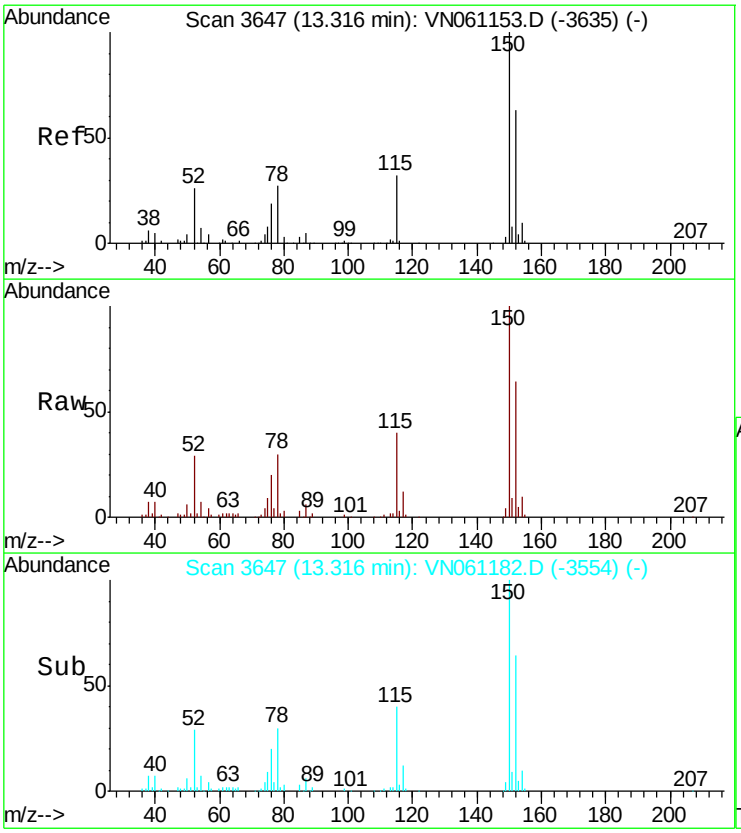

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3044
Delta R.T. -0.00 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

**Instrument :** MSVOA_N
**ClientSampleId :** VN0429WBL01

Tgt Ion:117 Resp: 160362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 59.8 | 47.8 | 71.8 |
| 119 | 31.8 | 25.8 | 38.6 |

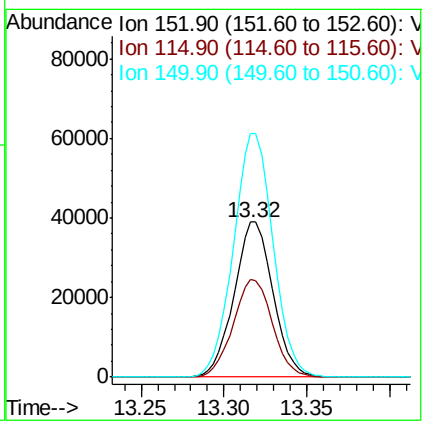


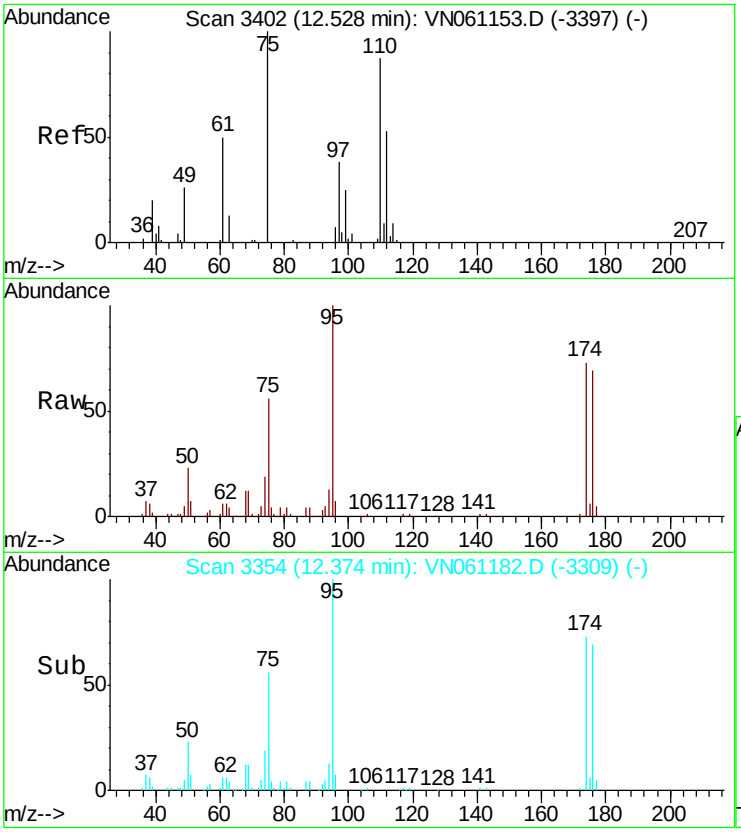




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3647
Delta R.T. -0.00 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

Tgt Ion:152 Resp: 63597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 63.3 | 31.0 | 93.0 |
| 150 | 159.7 | 0.0 | 351.8 |



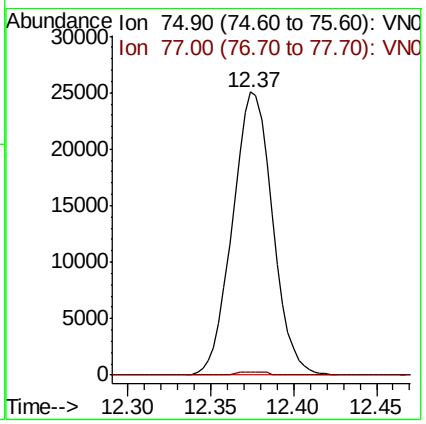


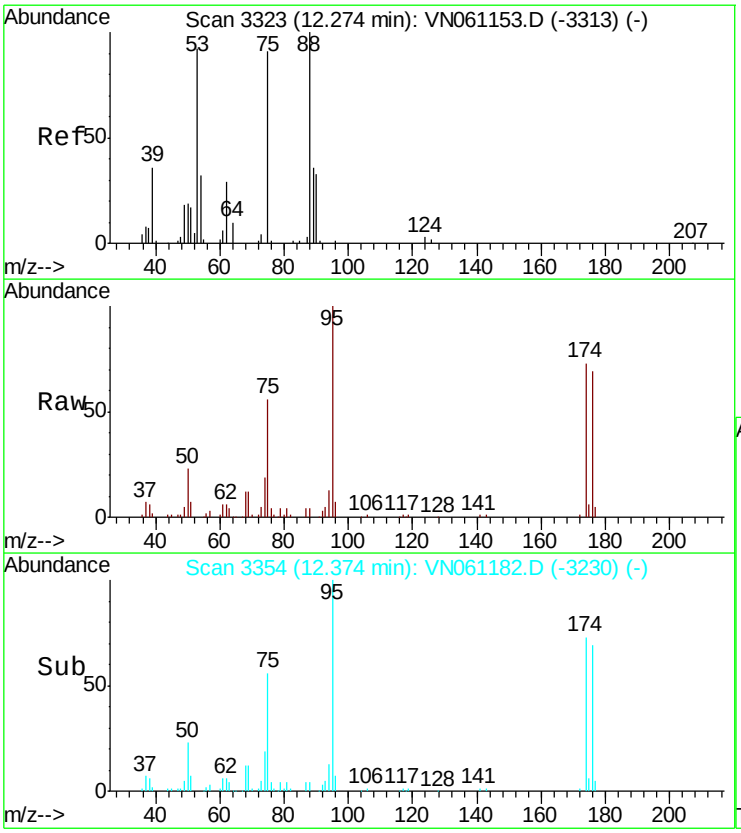

#76
1,2,3-Trichloropropane
Concen: 31.392 ug/l
RT: 12.37 min Scan# 3354
Delta R.T. -0.15 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0429WBL01

Tgt Ion: 75 Resp: 42090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.8 | 0.0 | 0.0# |

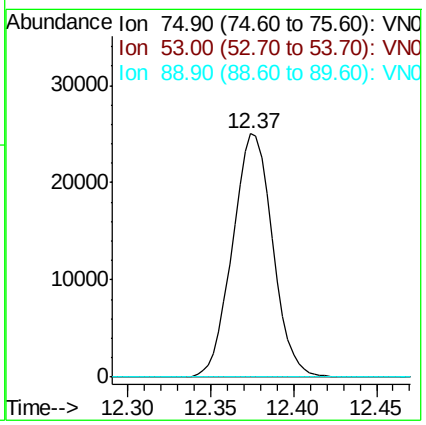


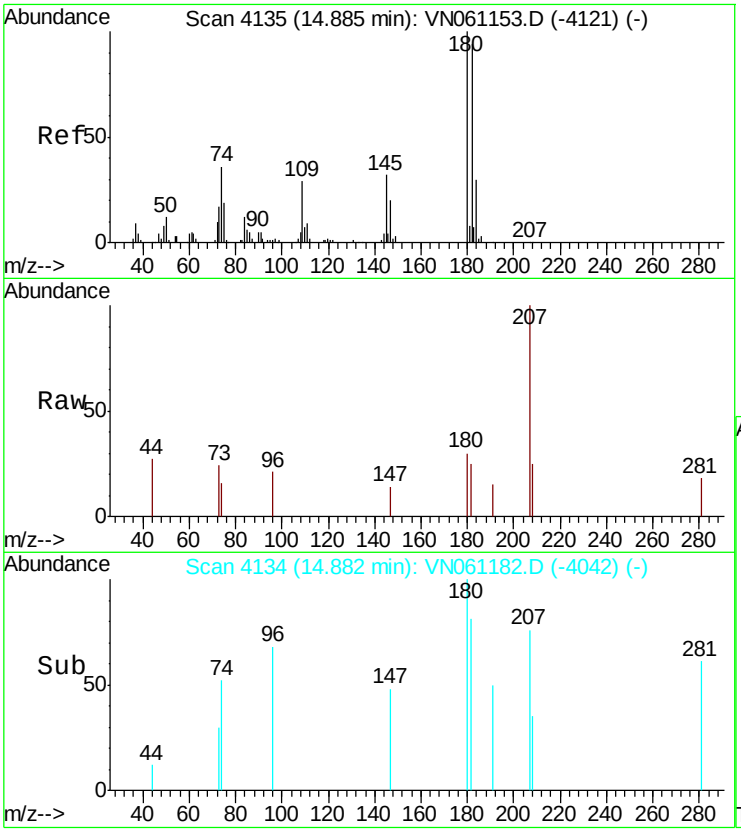




#81
trans-1,4-Dichloro-2-butene
Concen: 79.719 ug/l
RT: 12.37 min Scan# 3354
Delta R.T. 0.10 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

Tgt Ion: 75 Resp: 42090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 84.1 | 126.1# |
| 89 | 0.0 | 35.2 | 52.8# |



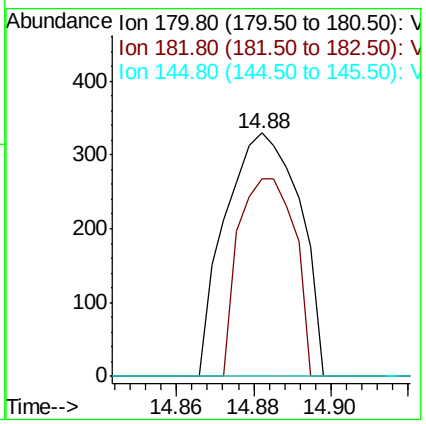


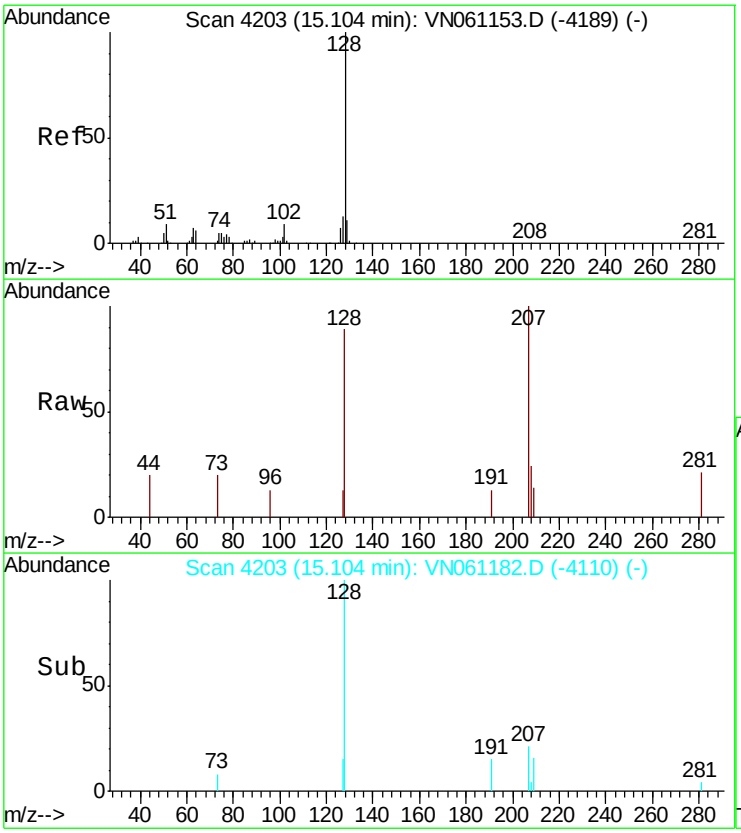

#93
1,2,4-Trichlorobenzene
Concen: 0.379 ug/l
RT: 14.88 min Scan# 4134
Delta R.T. -0.00 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0429WBL01

Tgt Ion:180 Resp: 440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 60.9 | 47.3 | 141.9 |
| 145 | 0.0 | 16.0 | 47.9# |

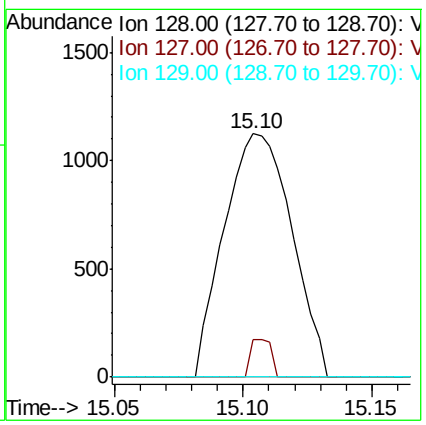


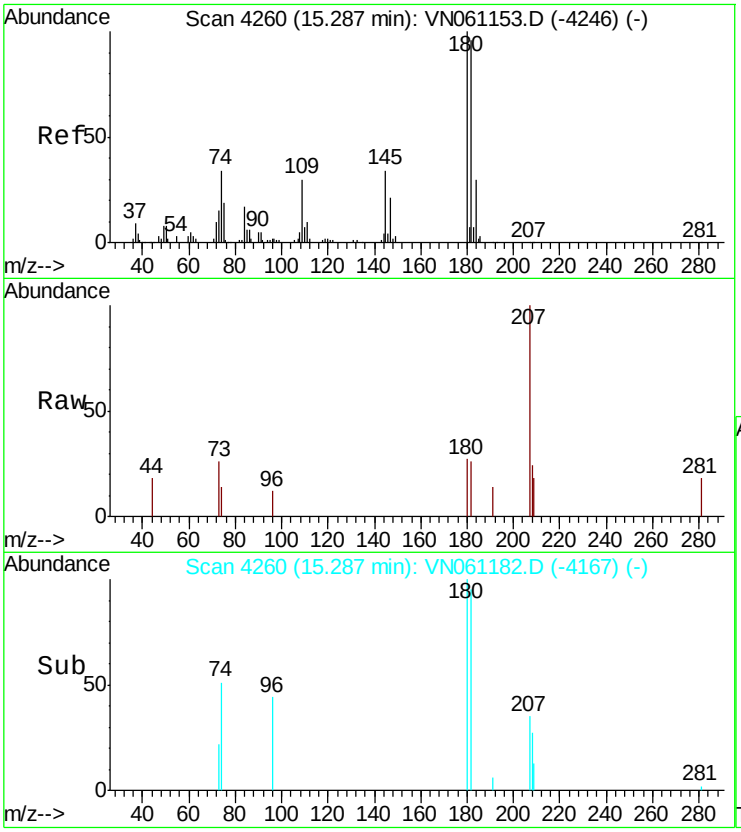




#95
Naphthalene
Concen: 0.545 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. -0.00 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

Tgt Ion:128 Resp: 2058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 4.8 | 10.4 | 15.6# |
| 129 | 0.0 | 8.7 | 13.1# |






#96
1,2,3-Trichlorobenzene
Concen: 0.454 ug/l
RT: 15.29 min Scan# 4260
Delta R.T. -0.00 min
Lab File: VN061182.D
Acq: 29 Apr 2020 10:42

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0429WBL01

Tgt Ion:180 Resp: 520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.0 | 47.5 | 142.5 |
| 145 | 0.0 | 16.9 | 50.7# |