Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081120\
Data File : VN062834.D
Acq On : 11 Aug 2020 17:07
Operator : JC/MD
Sample : PB130875ZHE#19
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** PB130875ZHE#19

Quant Time: Aug 11 21:22:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.63 | 168 | 135978 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.55 | 114 | 228726 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.38 | 117 | 213692 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152 | 80930 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.99 | 65 | 112240 | 49.91 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.82% | | | |
| 35) Dibromofluoromethane | 7.55 | 113 | 81790 | 52.27 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.54% | | | |
| 50) Toluene-d8 | 10.06 | 98 | 273701 | 44.81 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 89.62% | | | |
| 62) 4-Bromofluorobenzene | 12.38 | 95 | 98083 | 42.49 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 84.98% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 11) Tert butyl alcohol | 4.72 | 59 | 98 | 0.266 | ug/l # | 72 |
| 16) Acetone | 3.80 | 43 | 474 | 0.583 | ug/l # | 45 |
| 18) Methyl Acetate | 4.30 | 43 | 1314 | Below Cal | # | 52 |
| 20) Methylene Chloride | 4.51 | 84 | 6865 | 3.916 | ug/l | 93 |
| 31) Cyclohexane | 7.62 | 56 | 1441 | 0.529 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 7.62 | 75 | 11769 | 5.284 | ug/l # | 52 |
| 38) Carbon Tetrachloride | 7.63 | 117 | 14567 | 5.530 | ug/l # | 15 |
| 51) 4-Methyl-2-Pentanone | 9.96 | 43 | 662 | 0.264 | ug/l # | 74 |
| 76) 1,2,3-Trichloropropane | 12.38 | 75 | 53874 | 24.683 | ug/l # | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75 | 53874 | 75.352 | ug/l # | 10 |
| 95) Naphthalene | 15.11 | 128 | 1264 | 4.023 | ug/l # | 68 |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180 | 32 | 2.763 | ug/l # | 12 |

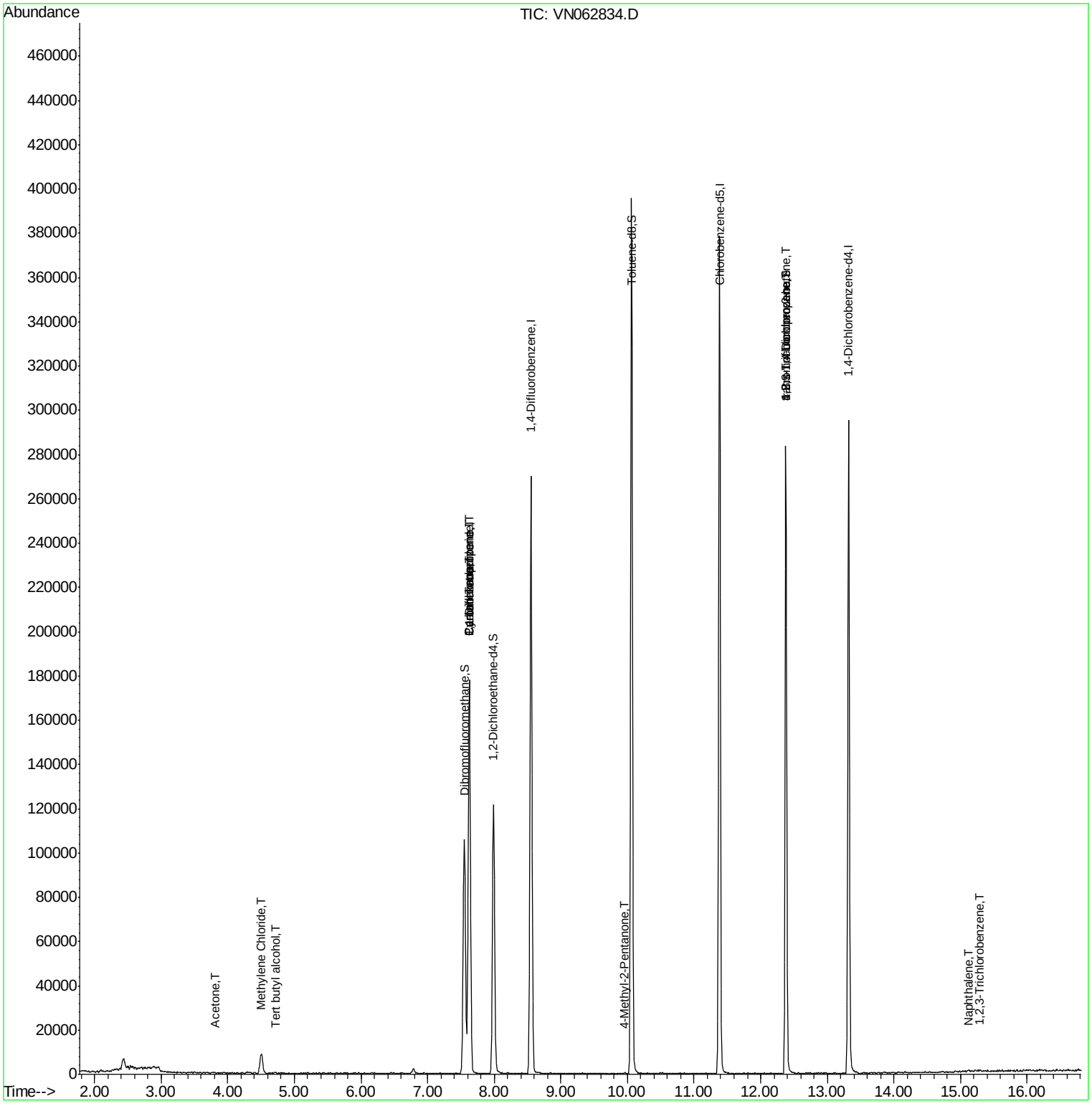
(#) = qualifier out of range (m) = manual integration (+) = signals summed

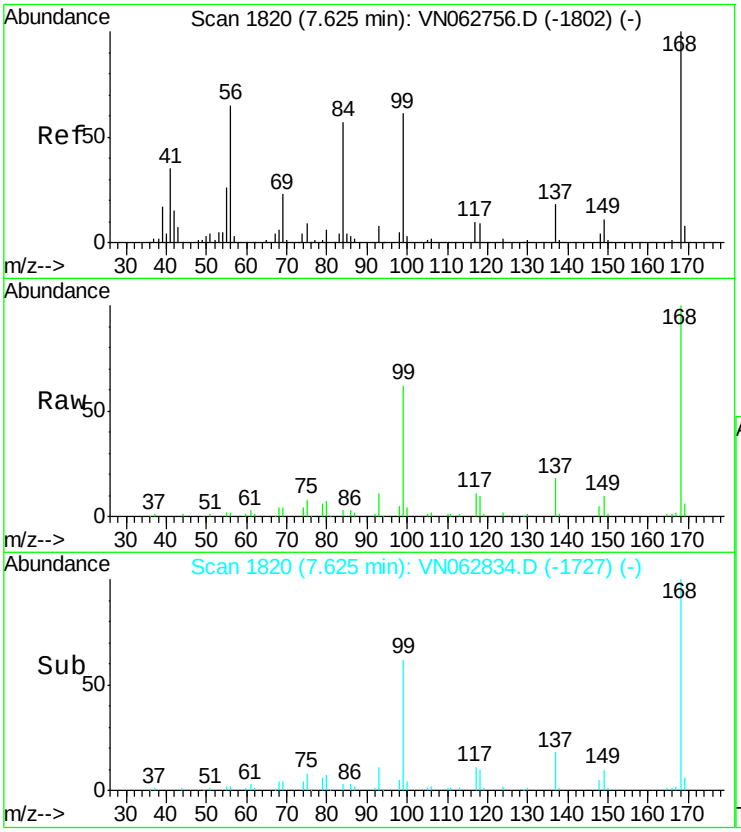
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081120\
Data File : VN062834.D
Acq On : 11 Aug 2020 17:07
Operator : JC/MD
Sample : PB130875ZHE#19
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
PB130875ZHE#19

Quant Time: Aug 11 21:22:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration



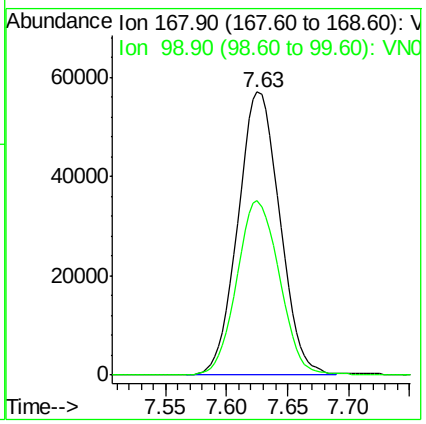


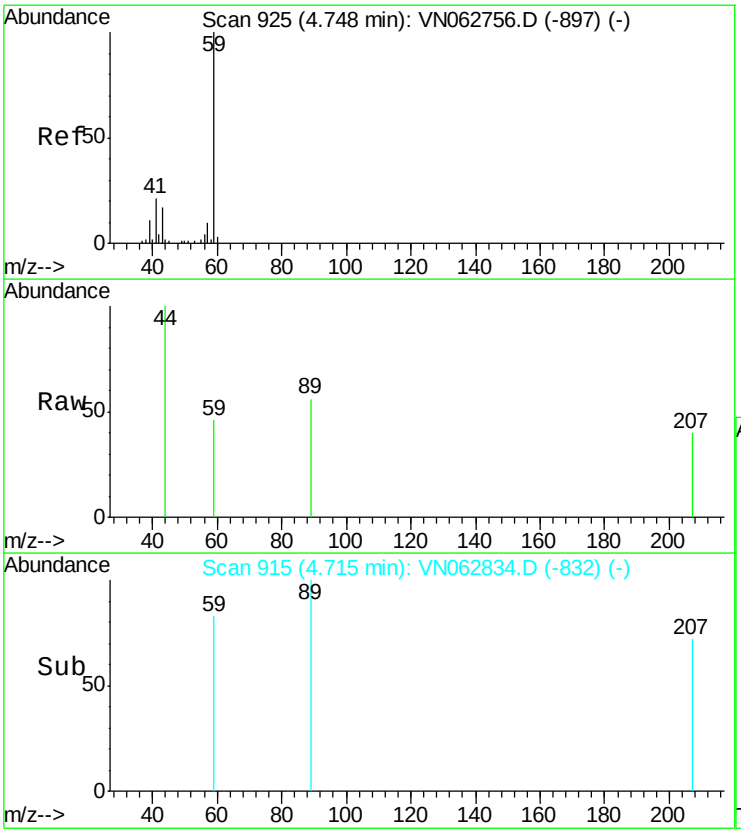

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.00 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

**Instrument :**
MSVOA_N
**ClientSampleId :**
PB130875ZHE#19

Tgt Ion:168 Resp: 135978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 61.5 | 52.9 | 79.3 |

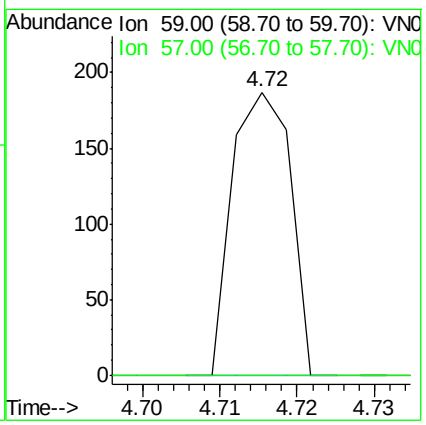


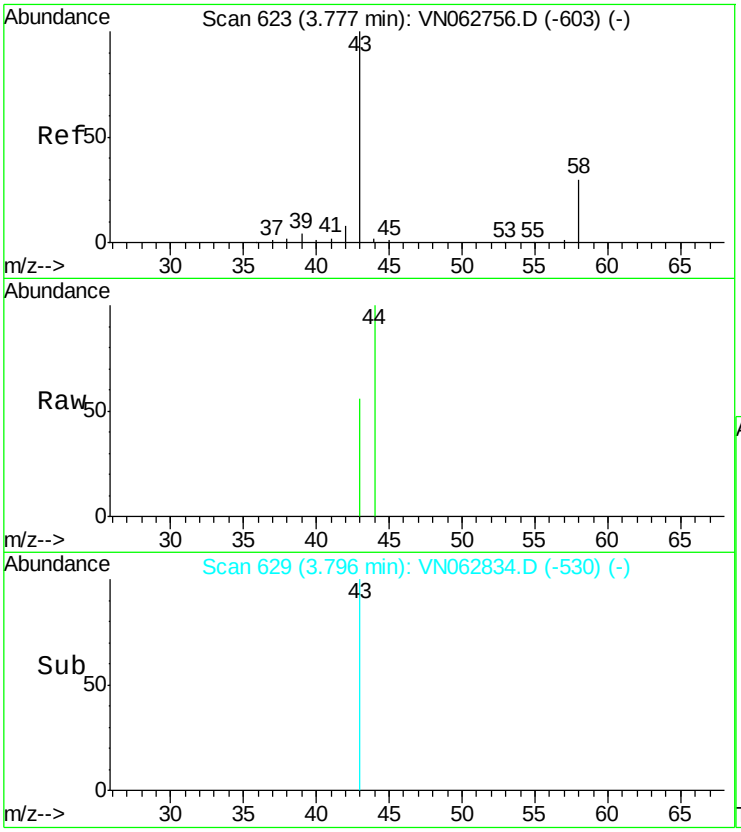




#11
Tert butyl alcohol
Concen: 0.266 ug/l
RT: 4.72 min Scan# 915
Delta R.T. -0.03 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

Tgt Ion: 59 Resp: 98

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.3 | 12.5# |



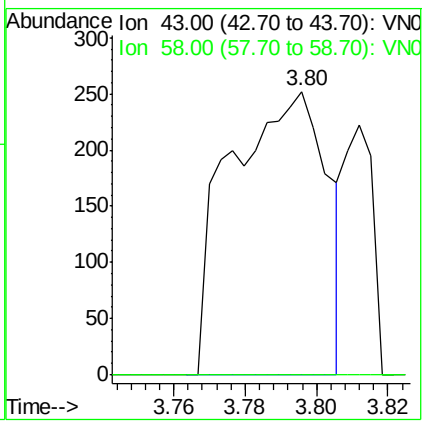


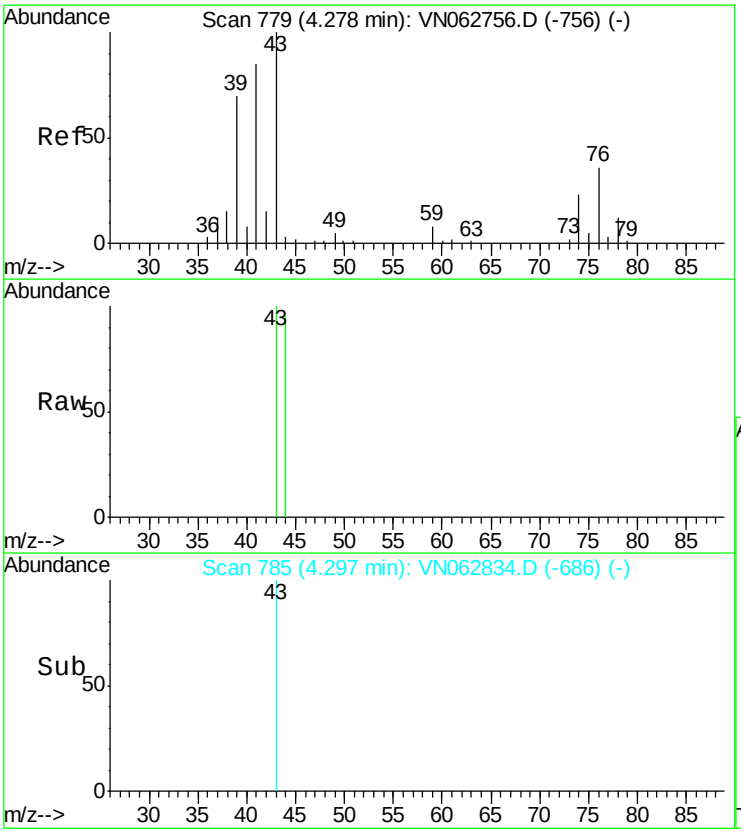

#16
Acetone
Concen: 0.583 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.02 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

**Instrument :** MSVOA_N
**ClientSampleId :** PB130875ZHE#19

Tgt Ion: 43 Resp: 474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 24.1 | 36.1# |

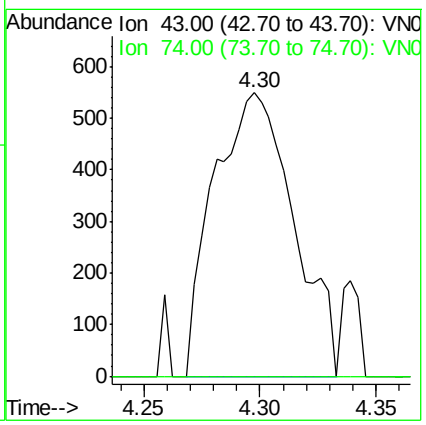


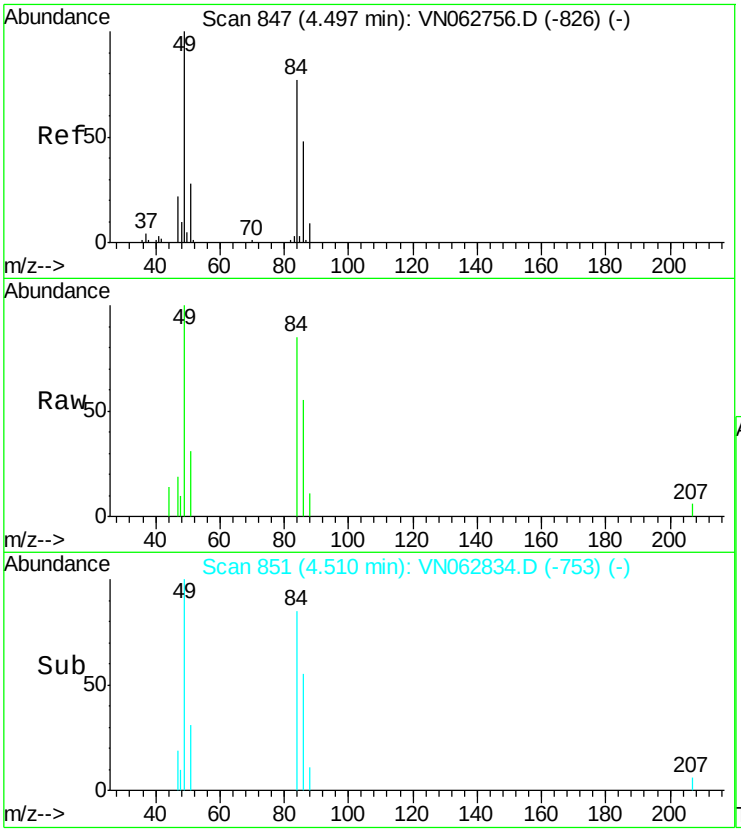




#18
Methyl Acetate
Concen: Below Cal
RT: 4.30 min Scan# 785
Delta R.T. 0.02 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

Tgt Ion: 43 Resp: 1314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 18.6 | 28.0# |



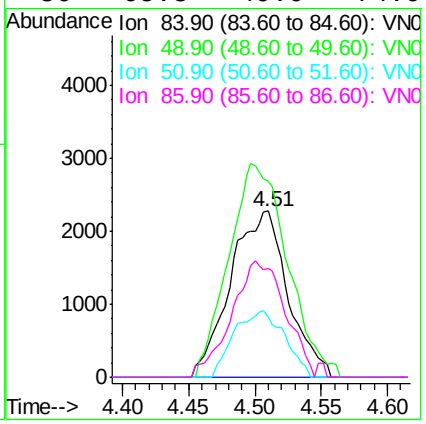


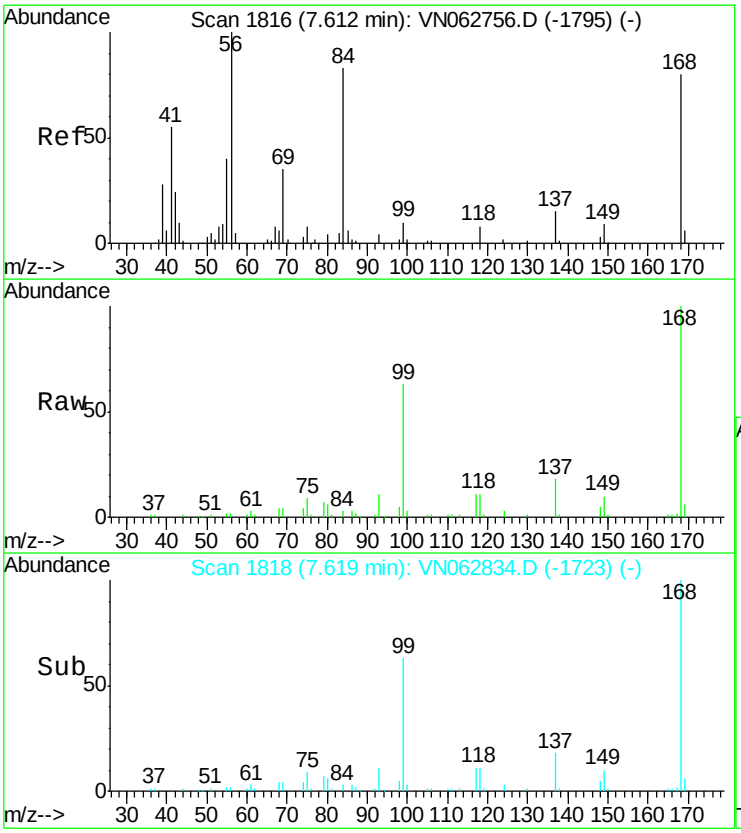

#20
Methylene Chloride
Concen: 3.916 ug/l
RT: 4.51 min Scan# 851
Delta R.T. 0.01 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

**Instrument :**
MSVOA_N
**ClientSampleId :**
PB130875ZHE#19

Tgt Ion: 84 Resp: 6865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 117.9 | 103.4 | 155.2 |
| 51 | 36.2 | 29.3 | 43.9 |
| 86 | 65.3 | 49.9 | 74.9 |

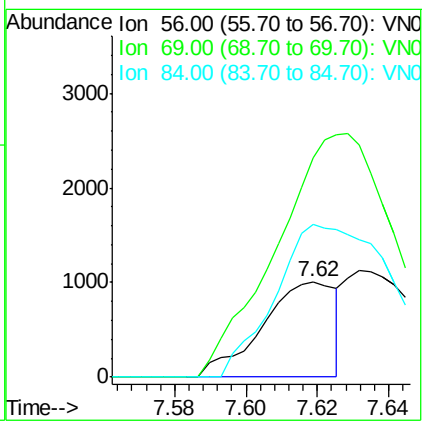


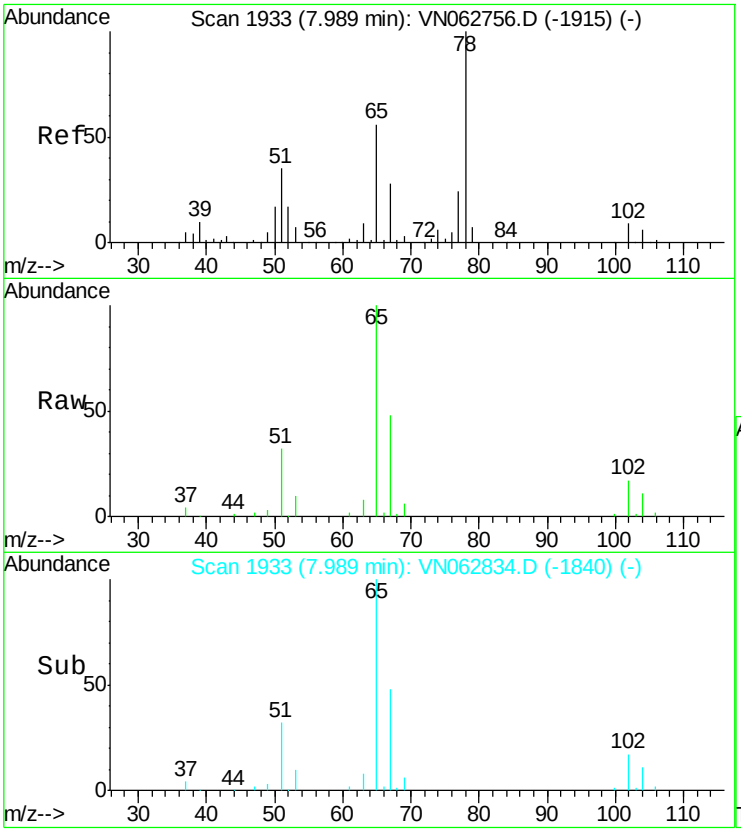




#31
Cyclohexane
Concen: 0.529 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

Tgt Ion: 56 Resp: 1441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 229.9 | 28.1 | 42.1# |
| 84 | 159.1 | 66.8 | 100.2# |



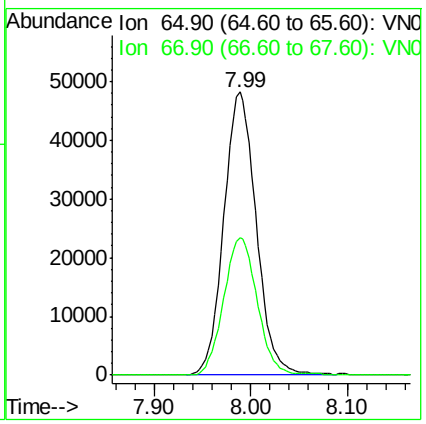


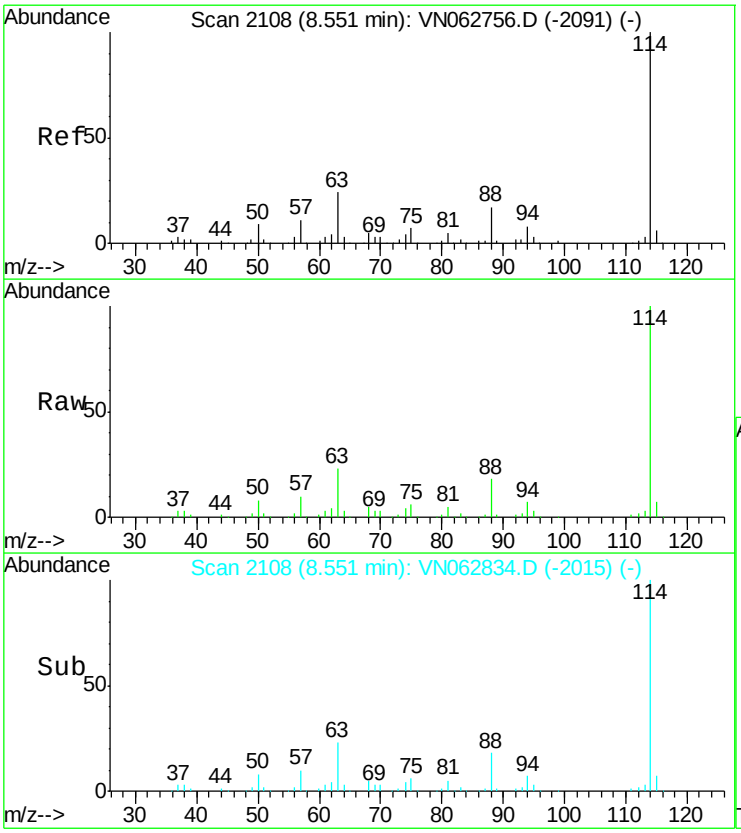

#33
1,2-Dichloroethane-d4
Concen: 49.914 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

**Instrument :** MSVOA_N
**ClientSampleId :** PB130875ZHE#19

Tgt Ion: 65 Resp: 112240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.1 | 0.0 | 101.4 |

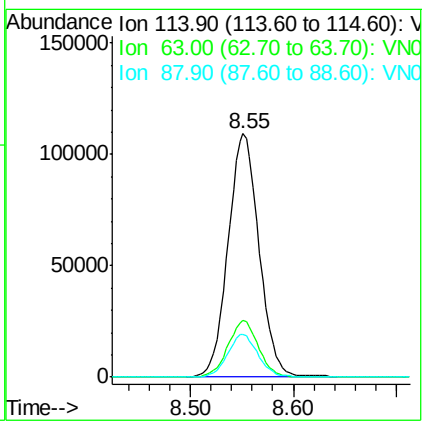


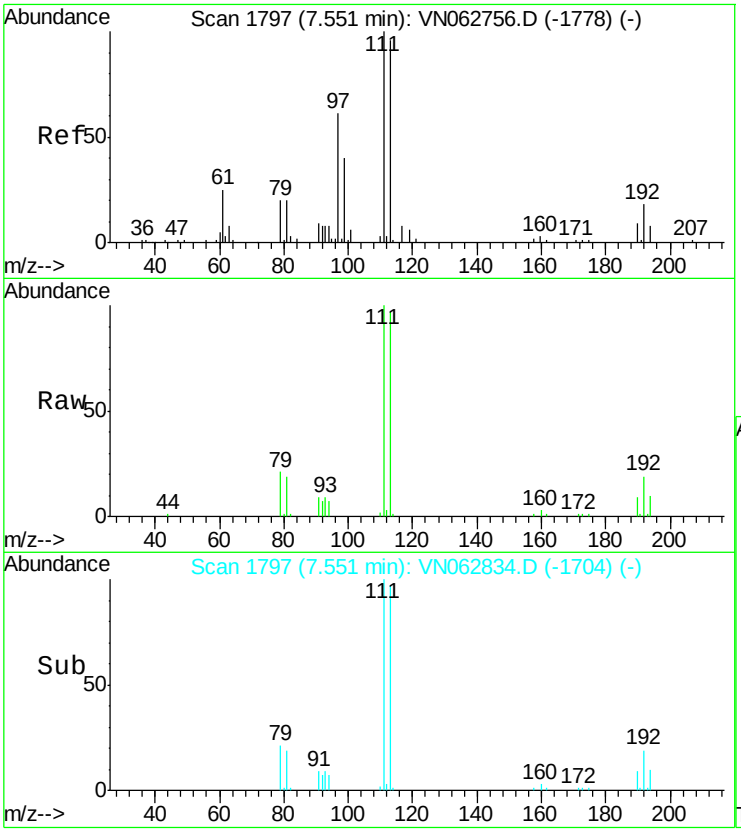




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

Tgt Ion:114 Resp: 228726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.4 | 0.0 | 47.6 |
| 88 | 17.6 | 0.0 | 34.4 |



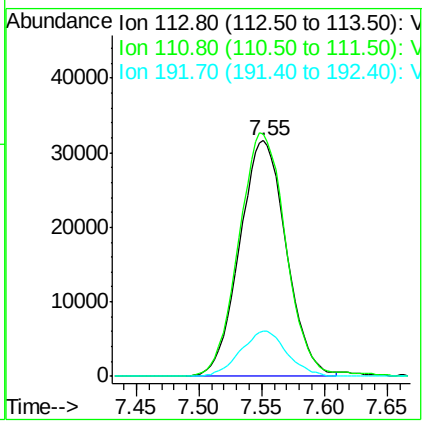


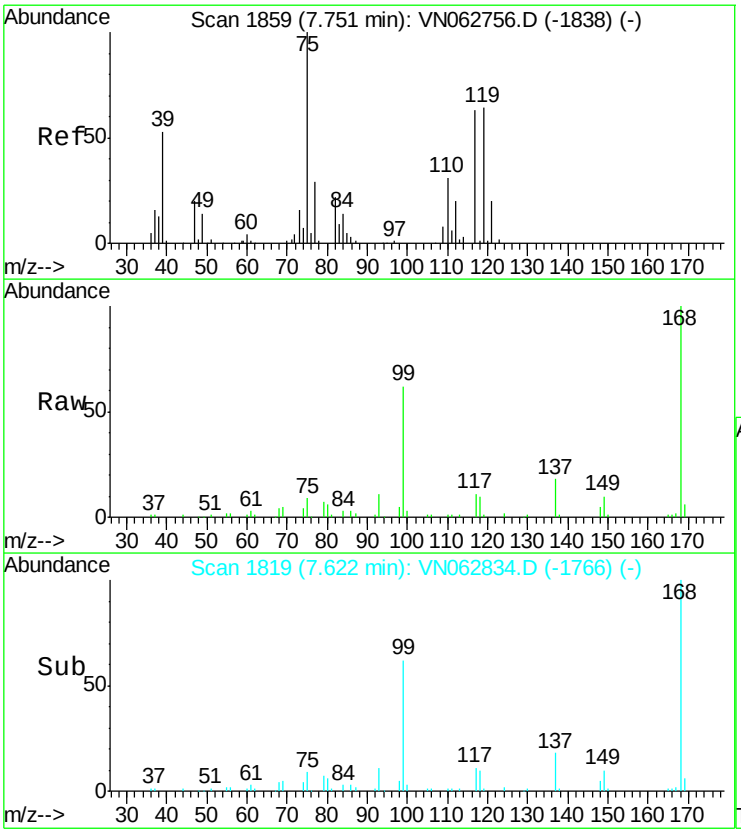

#35
Dibromofluoromethane
Concen: 52.275 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

**Instrument :**
MSVOA_N
**ClientSampleId :**
PB130875ZHE#19

Tgt Ion:113 Resp: 81790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.6 | 81.8 | 122.6 |
| 192 | 19.1 | 15.0 | 22.4 |

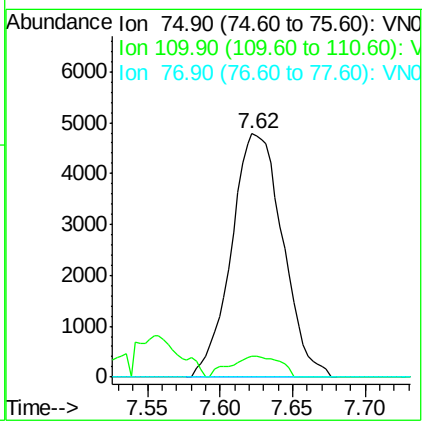


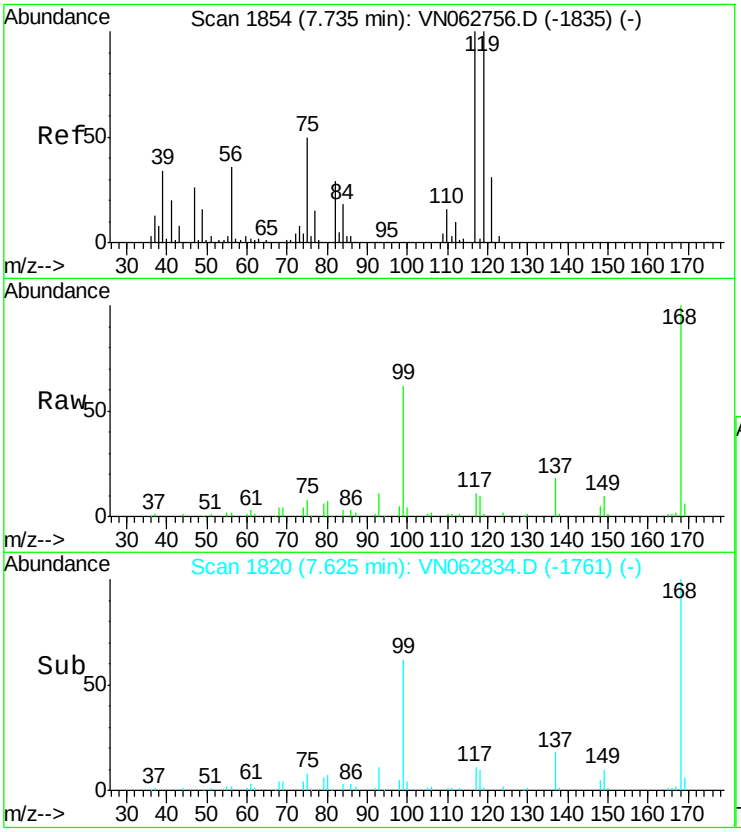




#36
1,1-Dichloropropene
Concen: 5.284 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.13 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

Tgt Ion: 75 Resp: 11769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.2 | 15.6 | 46.7# |
| 77 | 0.0 | 24.1 | 36.1# |



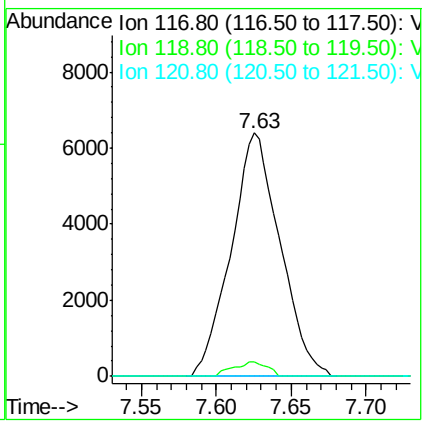


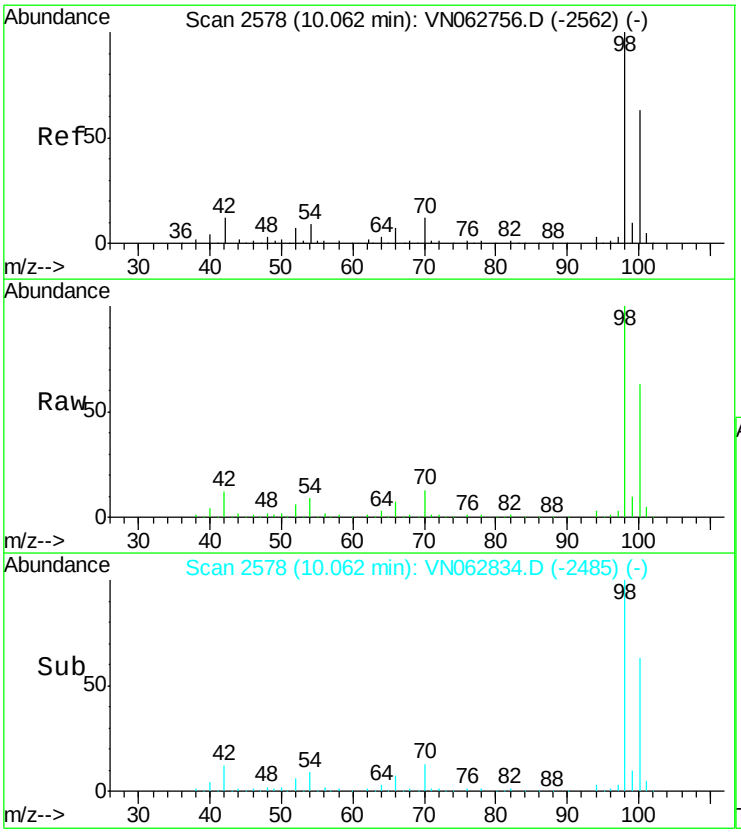

#38
Carbon Tetrachloride
Concen: 5.530 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

**Instrument :**
MSVOA_N
**ClientSampleId :**
PB130875ZHE#19

Tgt Ion:117 Resp: 14567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 6.2 | 79.4 | 119.2# |
| 121 | 0.0 | 24.9 | 37.3# |

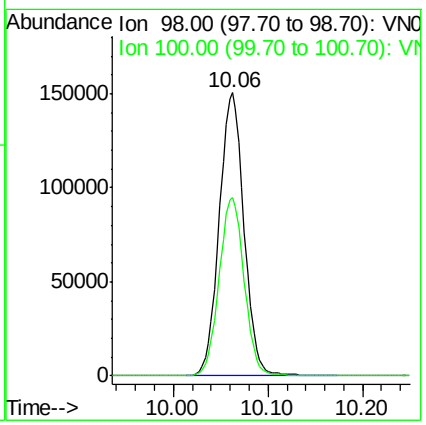


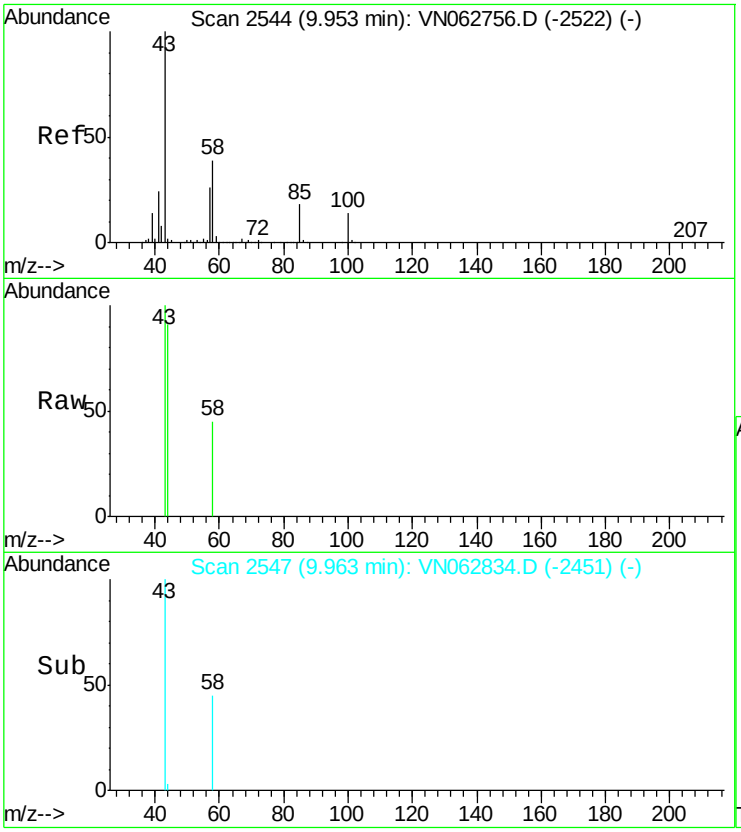




#50
Toluene-d8
Concen: 44.807 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. -0.00 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

Tgt Ion: 98 Resp: 273701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.7 | 50.9 | 76.3 |



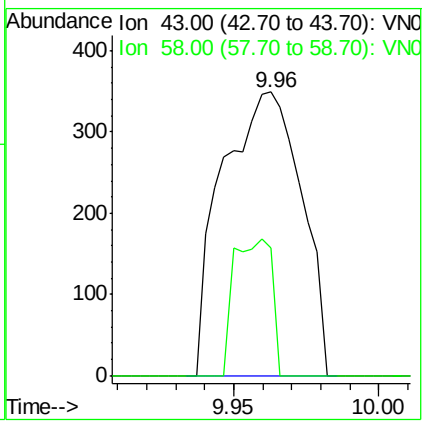


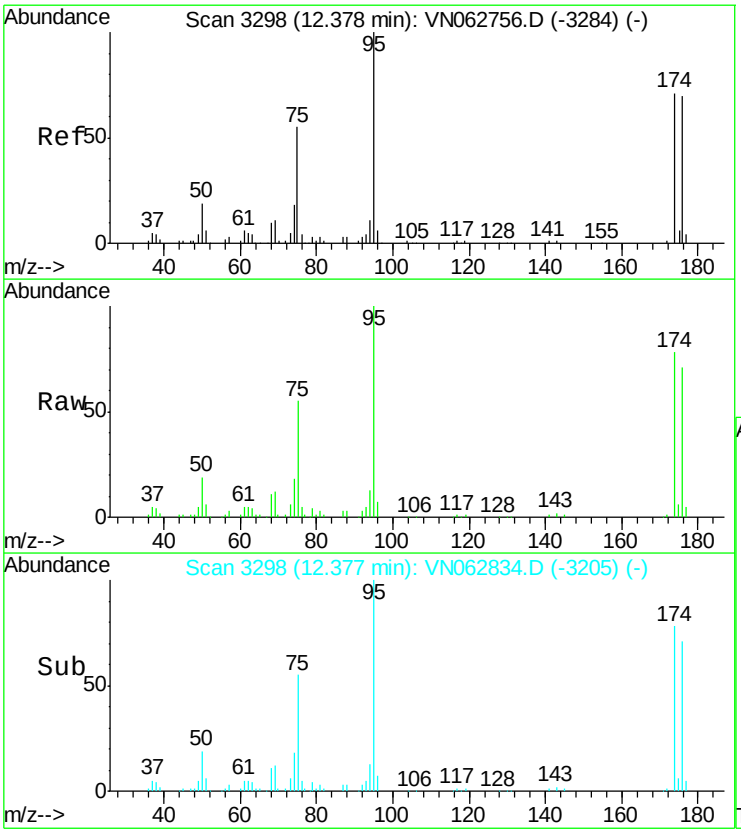

#51
4-Methyl-2-Pentanone
Concen: 0.264 ug/l
RT: 9.96 min Scan# 2547
Delta R.T. 0.01 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

**Instrument :**
MSVOA_N
**ClientSampleId :**
PB130875ZHE#19

Tgt Ion: 43 Resp: 662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 23.1 | 31.1 | 46.7# |

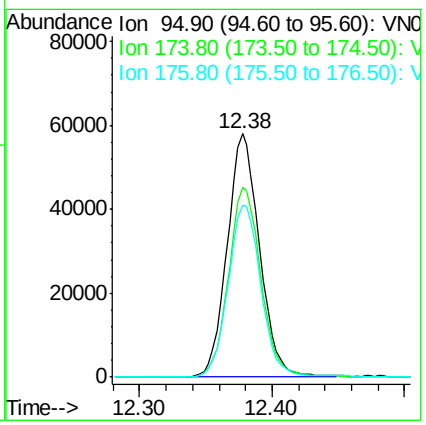


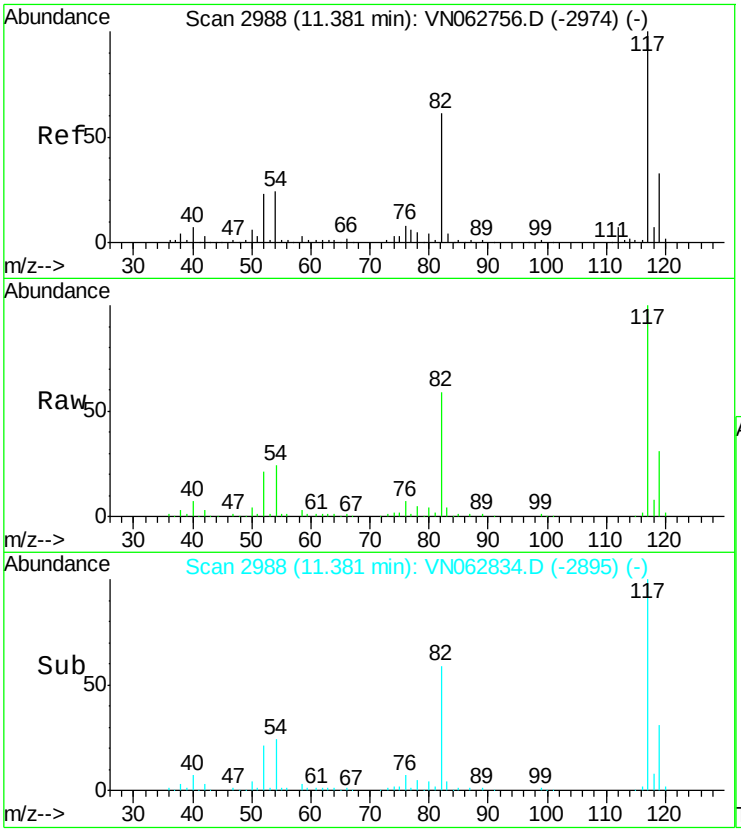




#62
4-Bromofluorobenzene
Concen: 42.490 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

Tgt Ion: 95 Resp: 98083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 78.0 | 0.0 | 144.8 |
| 176 | 72.0 | 0.0 | 142.2 |



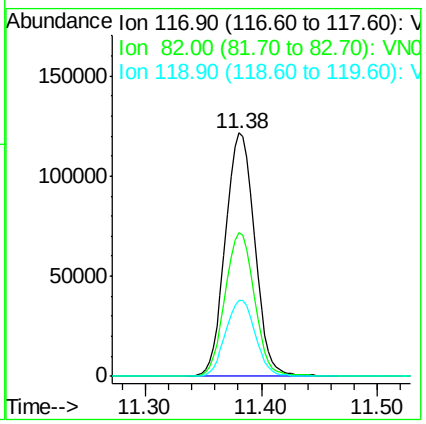


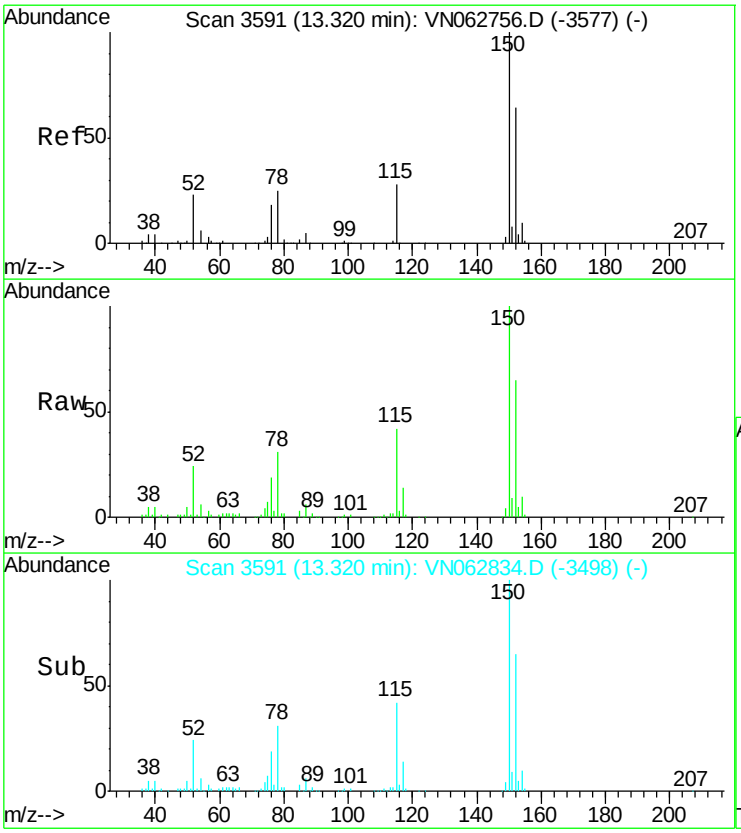

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

**Instrument :** MSVOA_N
**ClientSampleId :** PB130875ZHE#19

Tgt Ion:117 Resp: 213692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 58.9 | 49.0 | 73.4 |
| 119 | 31.2 | 26.2 | 39.2 |

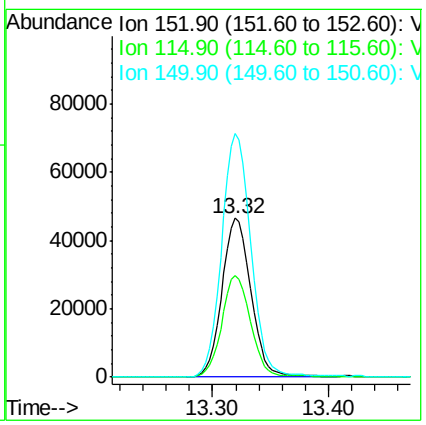


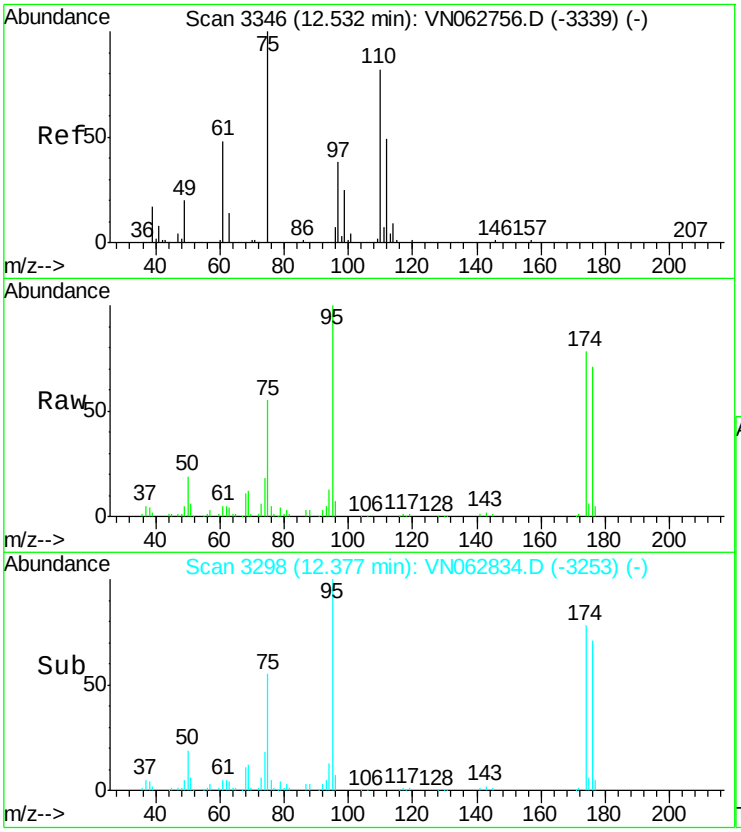




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

Tgt Ion:152 Resp: 80930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 64.2 | 31.6 | 94.8 |
| 150 | 153.9 | 0.0 | 349.2 |



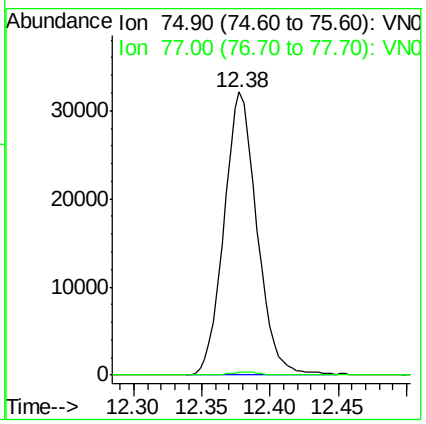


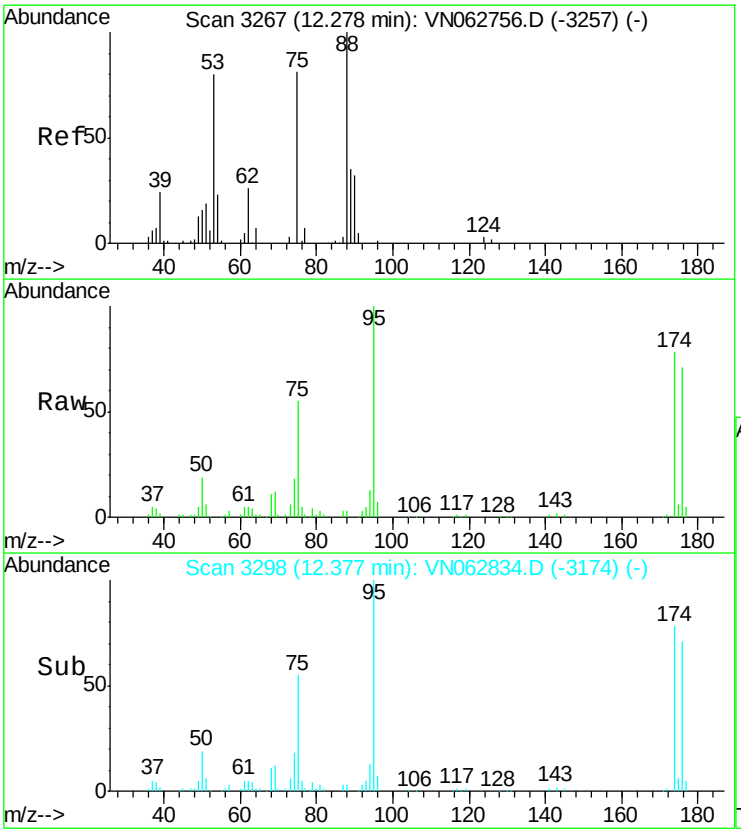

#76
1,2,3-Trichloropropane
Concen: 24.683 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.15 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

**Instrument :**
MSVOA_N
**ClientSampleId :**
PB130875ZHE#19

Tgt Ion: 75 Resp: 53874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.9 | 0.0 | 0.0# |

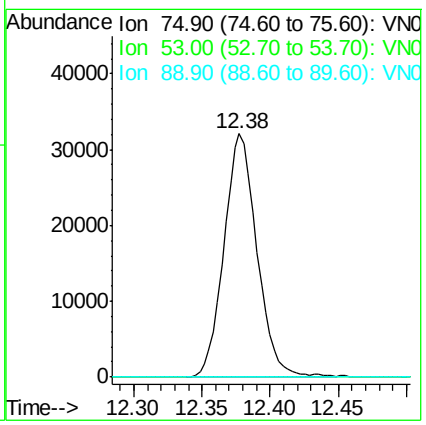


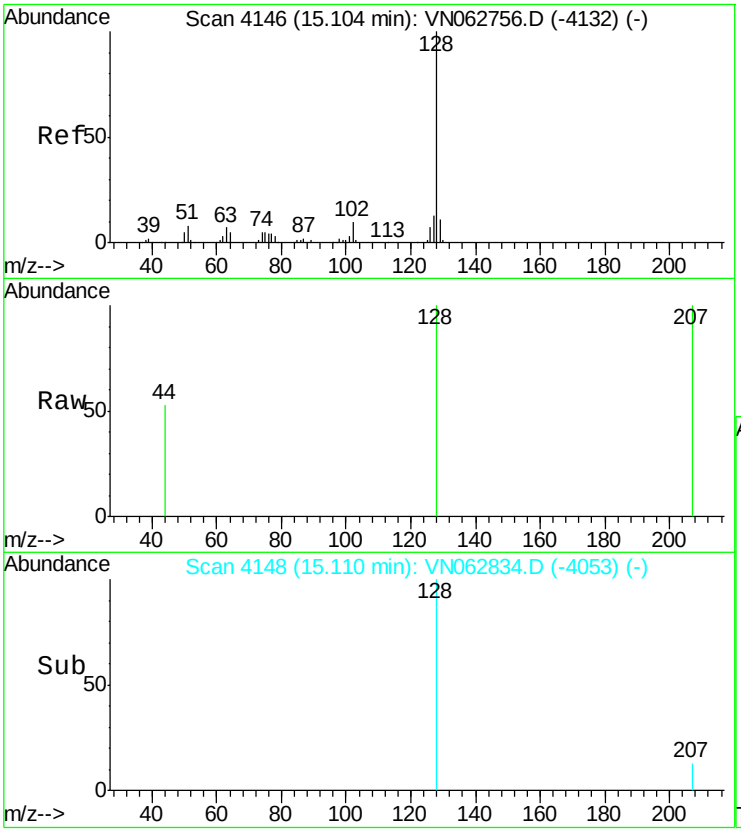




#81
trans-1,4-Dichloro-2-butene
Concen: 75.352 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

Tgt Ion: 75 Resp: 53874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 79.1 | 118.7# |
| 89 | 0.0 | 36.2 | 54.2# |



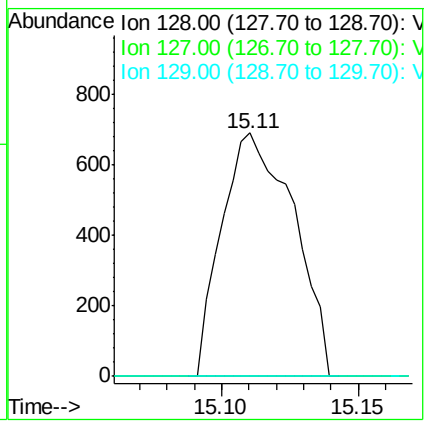


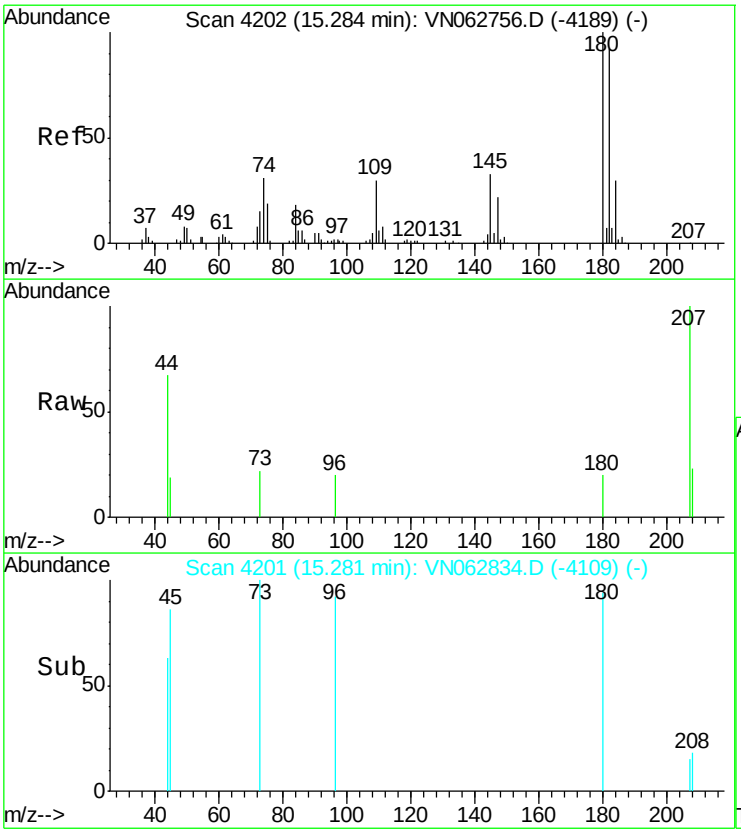

#95
Naphthalene
Concen: 4.023 ug/l
RT: 15.11 min Scan# 4148
Delta R.T. 0.01 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

**Instrument :** MSVOA_N
**ClientSampleId :** PB130875ZHE#19

Tgt Ion:128 Resp: 1264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 0.0 | 10.8 | 16.2# |
| 129 | 0.0 | 8.8 | 13.2# |




#96
1,2,3-Trichlorobenzene
Concen: 2.763 ug/l
RT: 15.28 min Scan# 4201
Delta R.T. -0.00 min
Lab File: VN062834.D
Acq: 11 Aug 2020 17:07

Tgt Ion:180 Resp: 32

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 0.0 | 47.9 | 143.6# |
| 145 | 0.0 | 17.3 | 51.7# |