Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111218\
Data File : VX005894.D
Acq On : 12 Nov 2018 12:28
Operator : JC/MD
Sample : VX1112WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VX1112WBL01

Quant Time: Nov 13 04:39:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 98997 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.87 | 114 | 148898 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 133736 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 66534 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 65208 | 57.30 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 114.60% | | | |
| 35) Dibromofluoromethane | 5.49 | 113 | 50763 | 50.12 | ug/l | -0.01 |
| Spiked Amount 50.000 | | | Recovery = 100.24% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 176310 | 52.37 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.74% | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 59198 | 48.90 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 11) Tert butyl alcohol | 3.03 | 59 | 264 | 0.810 | ug/l # | 72 |
| 16) Acetone | 2.45 | 43 | 324 | 0.529 | ug/l # | 86 |
| 18) Methyl Acetate | 2.77 | 43 | 262 | Below Cal | # | 55 |
| 20) Methylene Chloride | 2.86 | 84 | 274 | 0.272 | ug/l # | 88 |
| 29) Tetrahydrofuran | 5.17 | 42 | 206 | 0.333 | ug/l # | 36 |
| 31) Cyclohexane | 5.67 | 56 | 1893 | 1.194 | ug/l # | 8 |
| 36) 1,1-Dichloropropene | 5.67 | 75 | 7167 | 4.993 | ug/l # | 49 |
| 38) Carbon Tetrachloride | 5.67 | 117 | 9294 | 6.468 | ug/l # | 16 |
| 51) 4-Methyl-2-Pentanone | 8.71 | 43 | 848 | 0.492 | ug/l # | 1 |
| 76) 1,2,3-Trichloropropane | 11.14 | 75 | 29605 | 21.852 | ug/l # | 36 |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75 | 29605 | 69.647 | ug/l # | 9 |
| 95) Naphthalene | 13.83 | 128 | 119 | 1.202 | ug/l # | 69 |

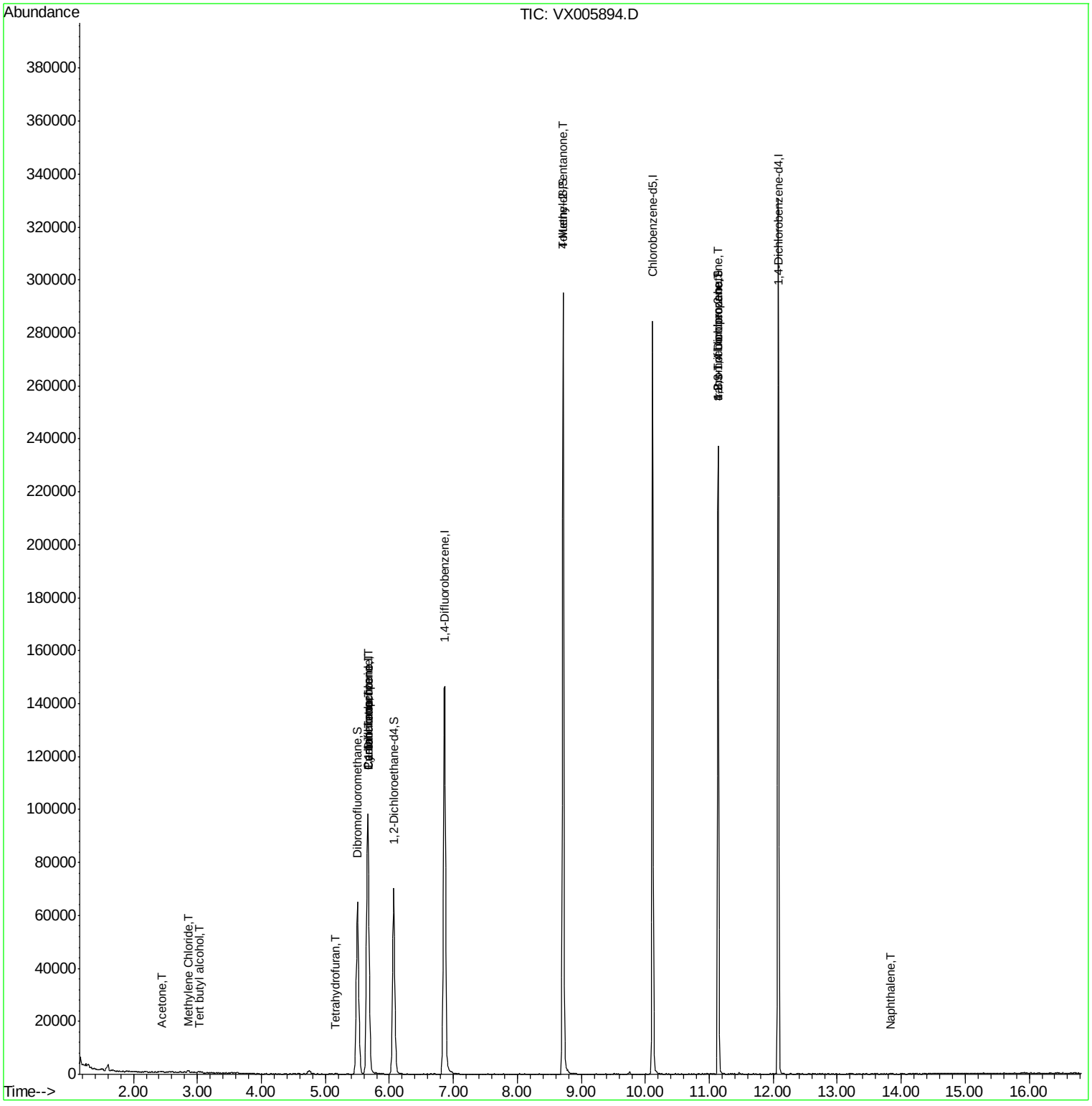
(#) = qualifier out of range (m) = manual integration (+) = signals summed

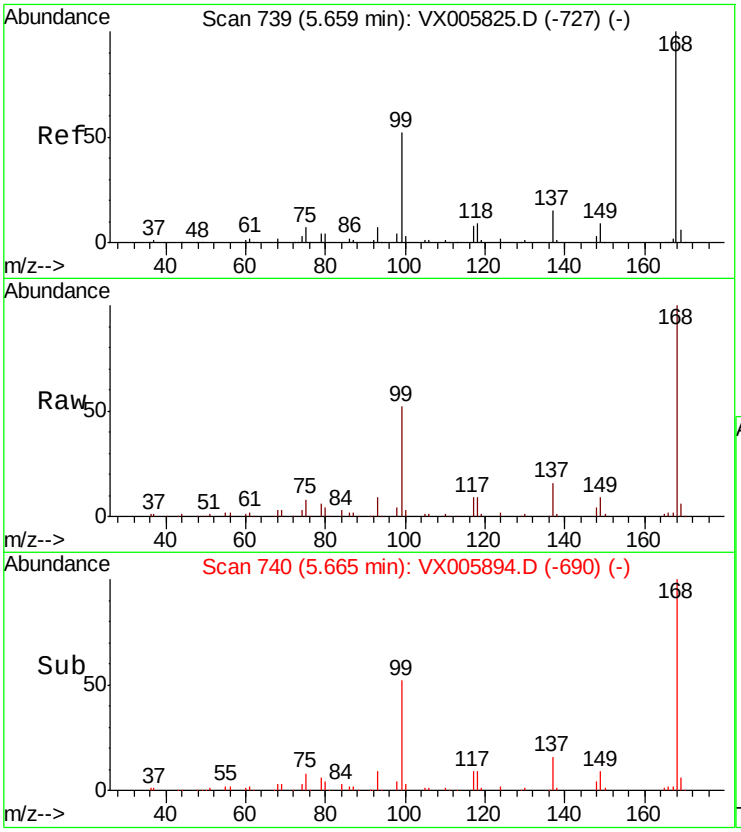
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111218\
Data File : VX005894.D
Acq On : 12 Nov 2018 12:28
Operator : JC/MD
Sample : VX1112WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1112WBL01

Quant Time: Nov 13 04:39:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration



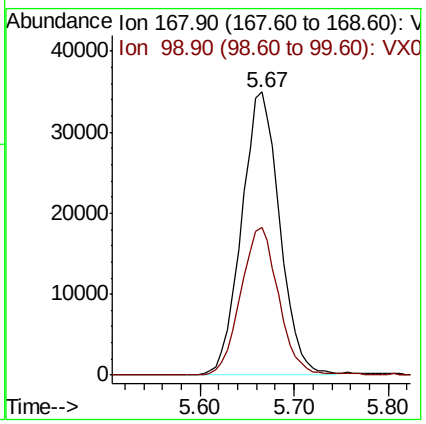


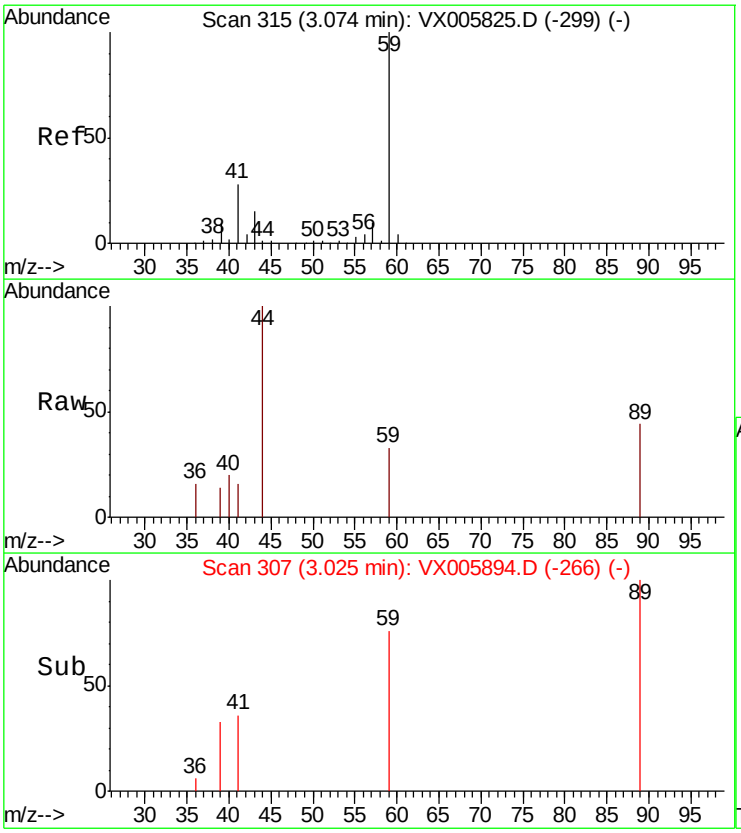

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1112WBL01

Tgt Ion:168 Resp: 98997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 52.0 | 40.7 | 61.1 |

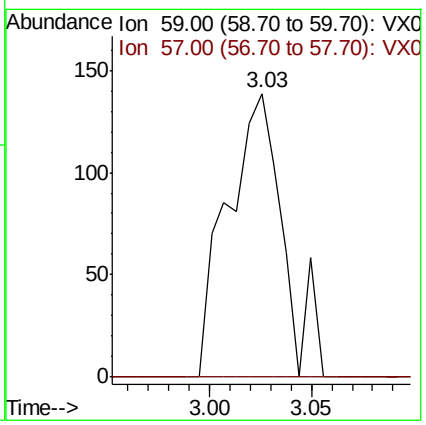


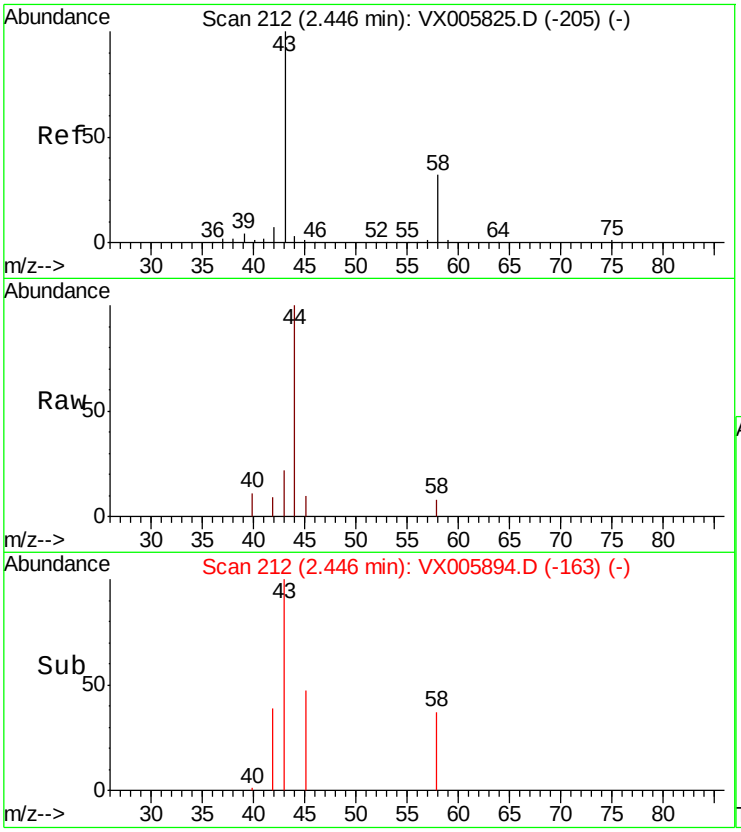




#11
Tert butyl alcohol
Concen: 0.810 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

Tgt Ion: 59 Resp: 264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.5 | 12.7# |



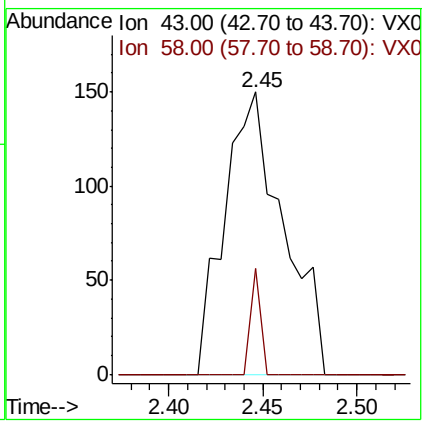


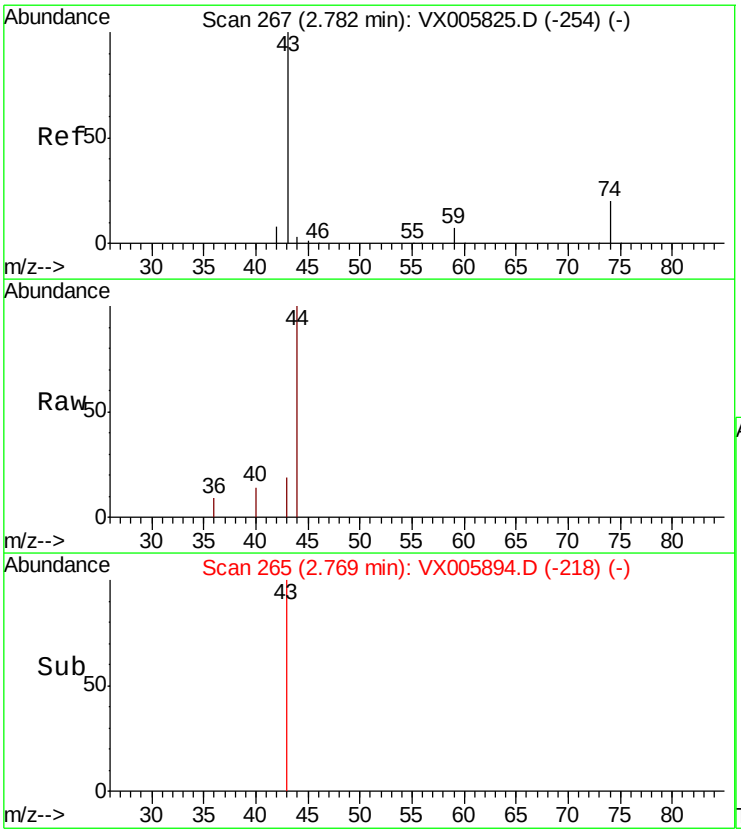

#16
Acetone
Concen: 0.529 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

**Instrument :** MSVOA_X
**ClientSampleId :** VX1112WBL01

Tgt Ion: 43 Resp: 324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.3 | 23.8 | 35.6# |

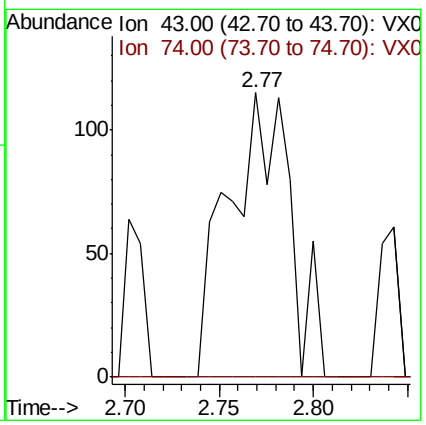


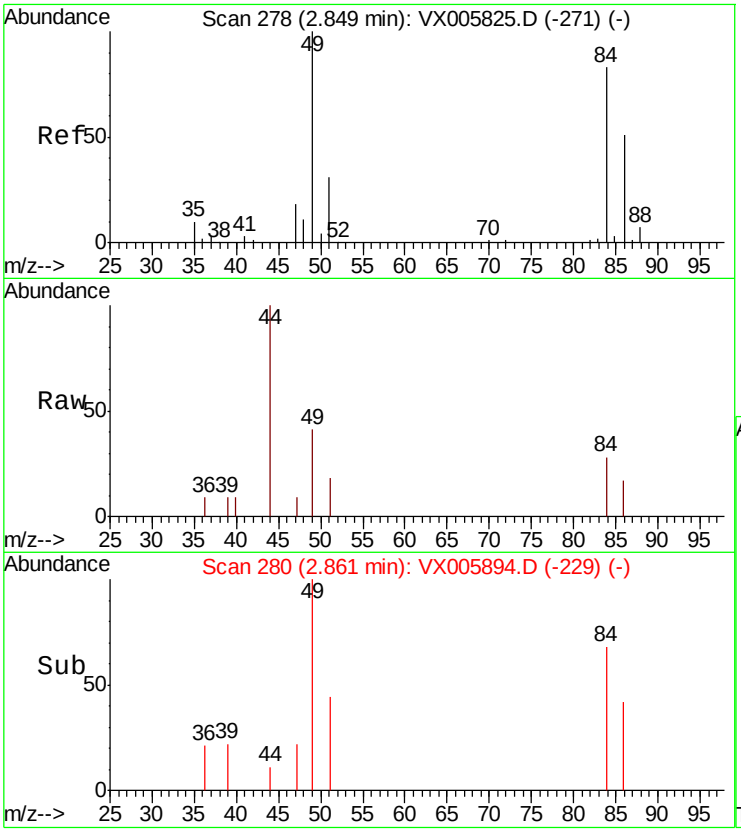




#18
Methyl Acetate
Concen: Below Cal
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

Tgt Ion: 43 Resp: 262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 16.8 | 25.2# |



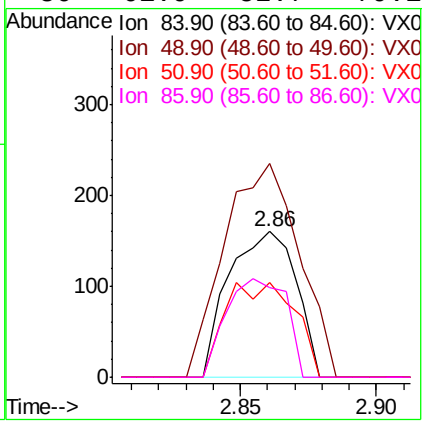


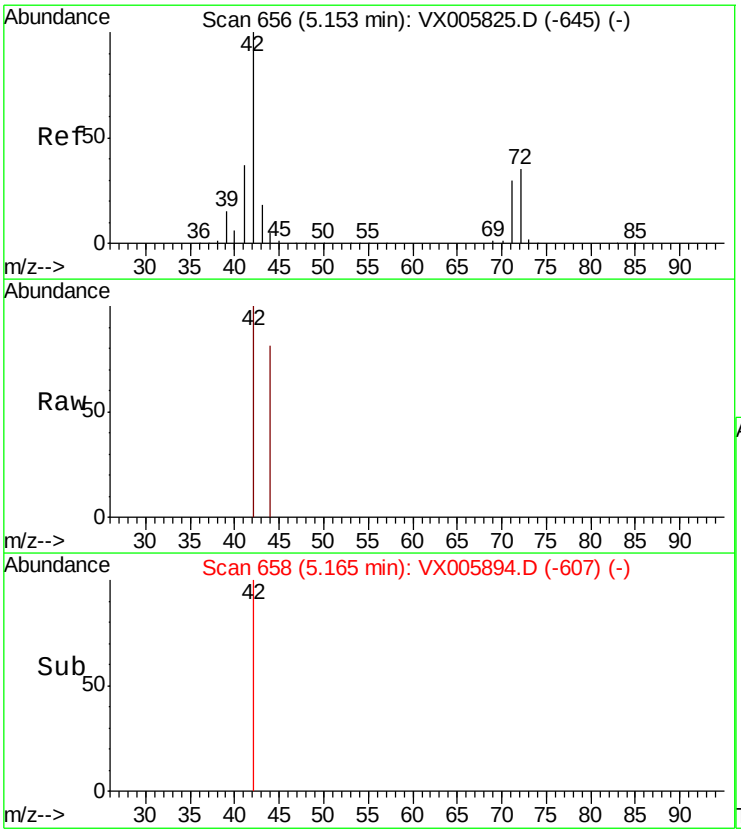

#20
Methylene Chloride
Concen: 0.272 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

**Instrument :** MSVOA_X
**ClientSampleId :** VX1112WBL01

Tgt Ion: 84 Resp: 274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 146.9 | 109.5 | 164.3 |
| 51 | 65.0 | 33.3 | 49.9# |
| 86 | 61.9 | 52.7 | 79.1 |

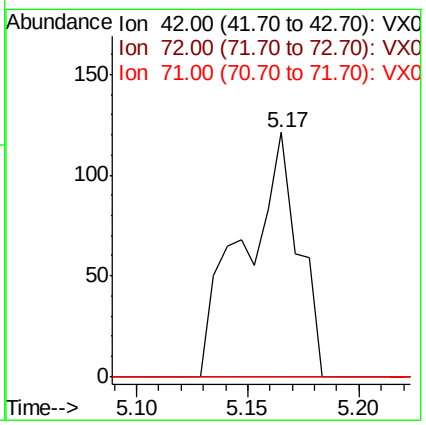


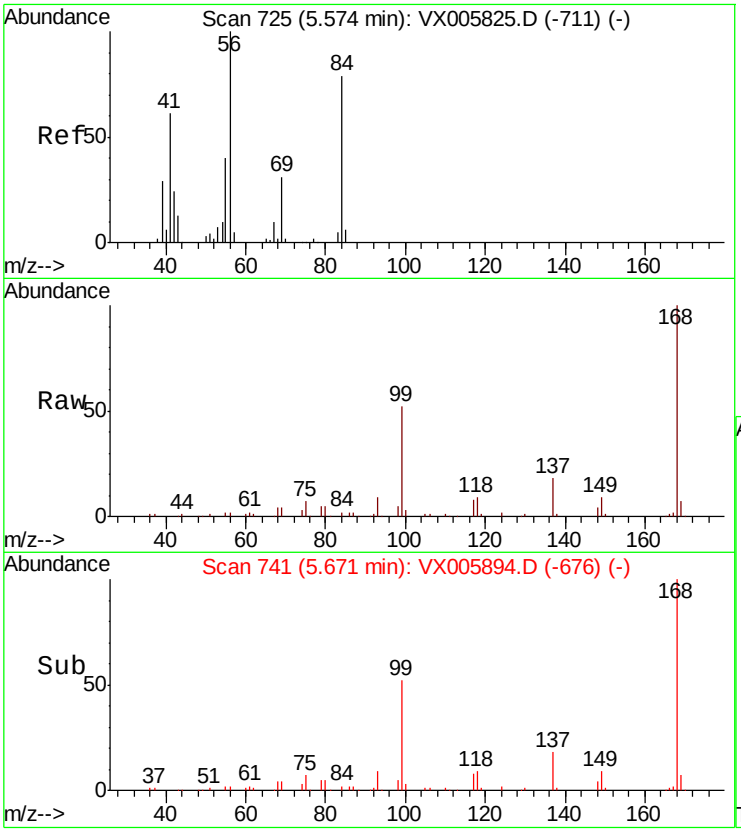




#29
Tetrahydrofuran
Concen: 0.333 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

Tgt Ion: 42 Resp: 206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 0.0 | 32.0 | 48.0# |
| 71 | 0.0 | 29.8 | 44.8# |



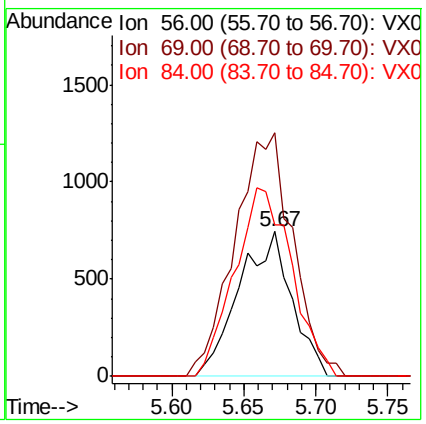


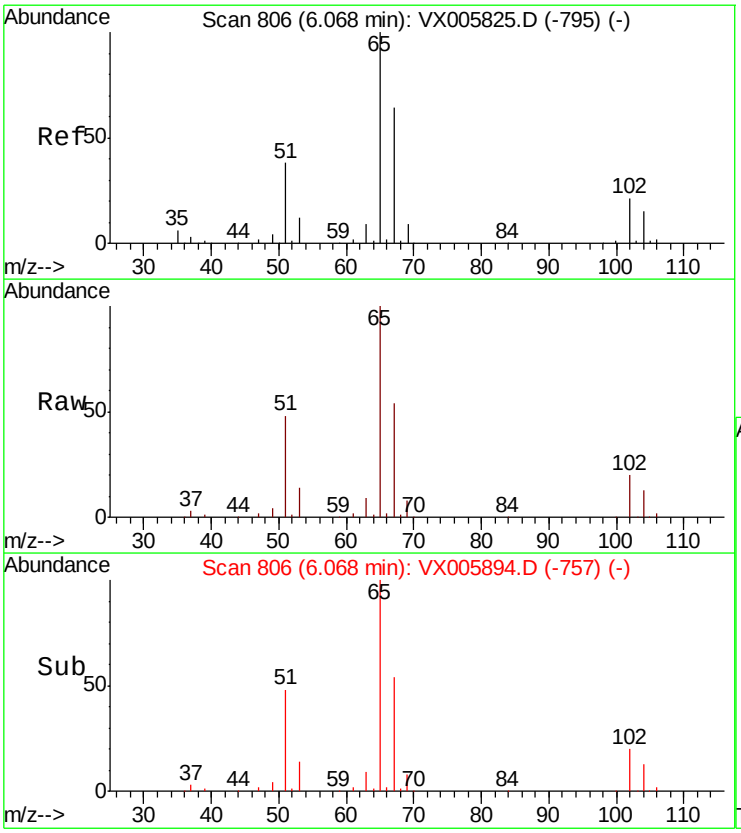

#31
Cyclohexane
Concen: 1.194 ug/l
RT: 5.67 min Scan# 741
Delta R.T. 0.10 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

**Instrument :** MSVOA_X
**ClientSampleId :** VX1112WBL01

Tgt Ion: 56 Resp: 1893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 168.2 | 22.6 | 34.0# |
| 84 | 104.4 | 62.7 | 94.1# |

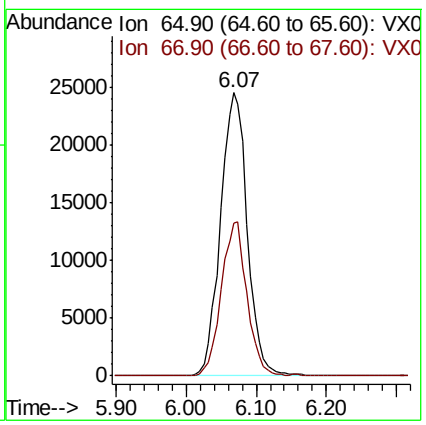


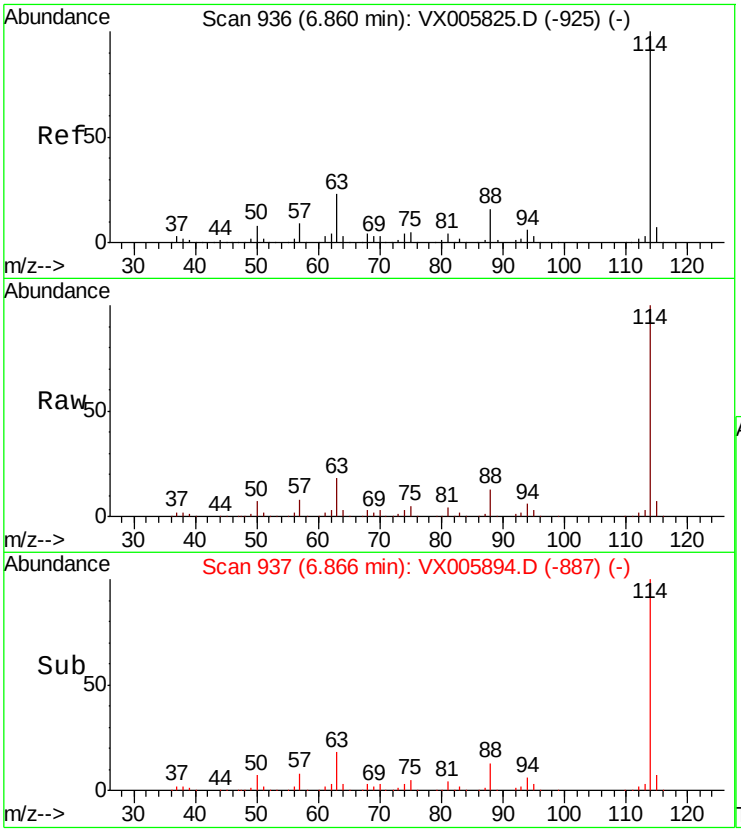




#33
1,2-Dichloroethane-d4
Concen: 57.296 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

Tgt Ion: 65 Resp: 65208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.1 | 0.0 | 105.0 |



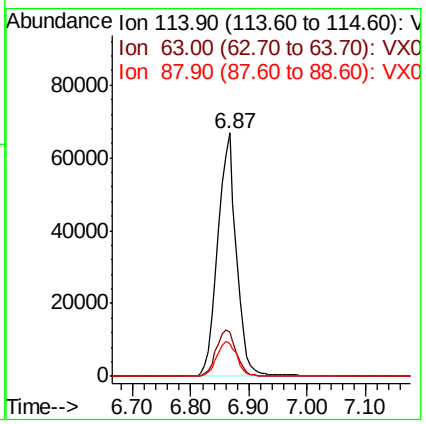


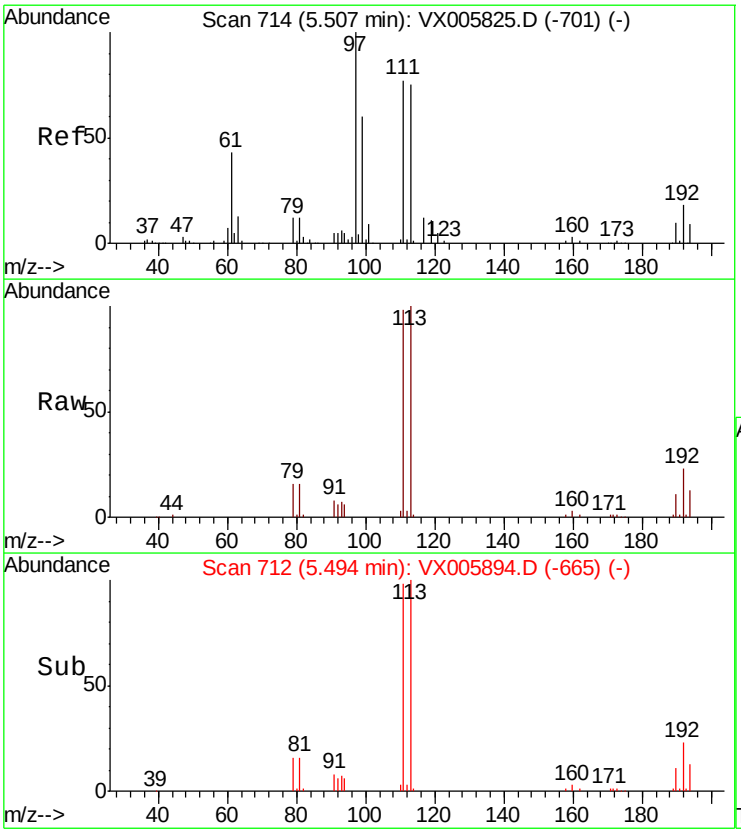

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

**Instrument :** MSVOA_X
**ClientSampleId :** VX1112WBL01

Tgt Ion:114 Resp: 148898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.2 | 0.0 | 42.8 |
| 88 | 13.2 | 0.0 | 31.2 |

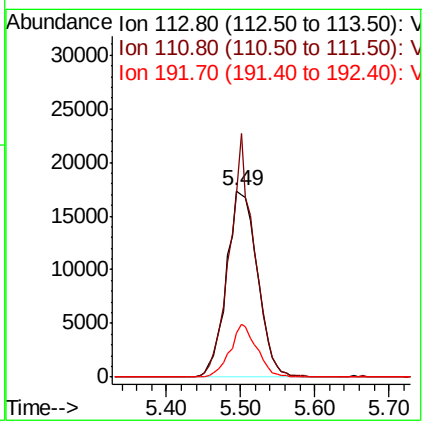


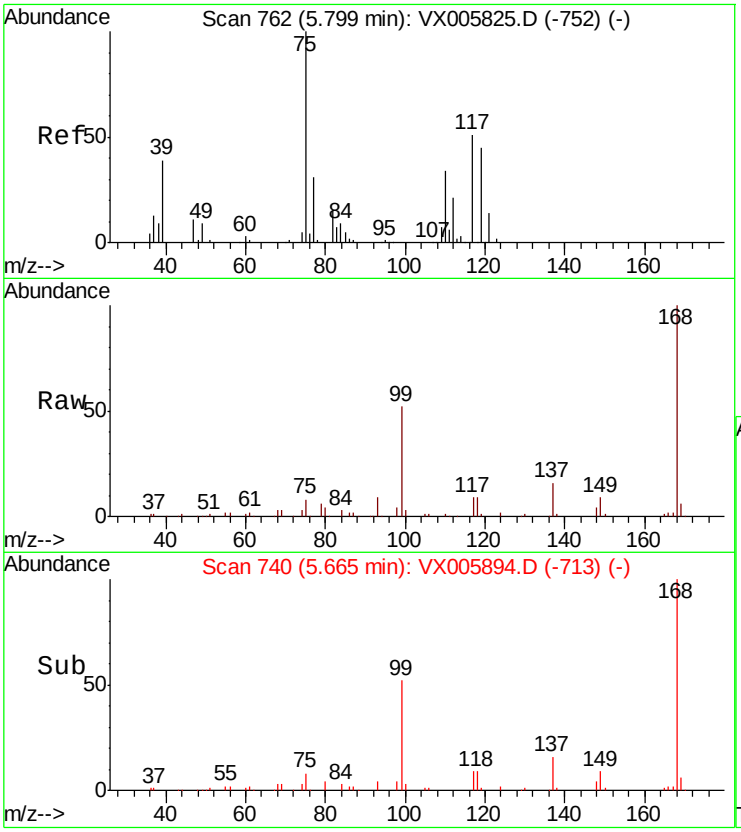




#35
Dibromofluoromethane
Concen: 50.125 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

Tgt Ion:113 Resp: 50763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.9 | 82.3 | 123.5 |
| 192 | 24.2 | 17.9 | 26.9 |



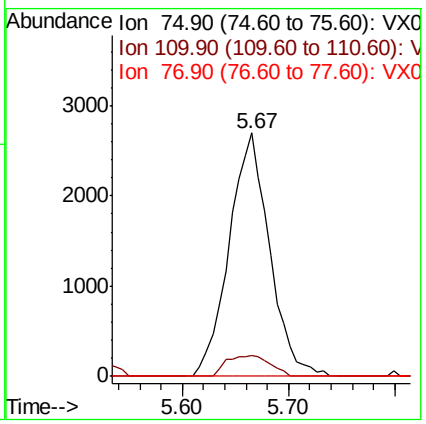


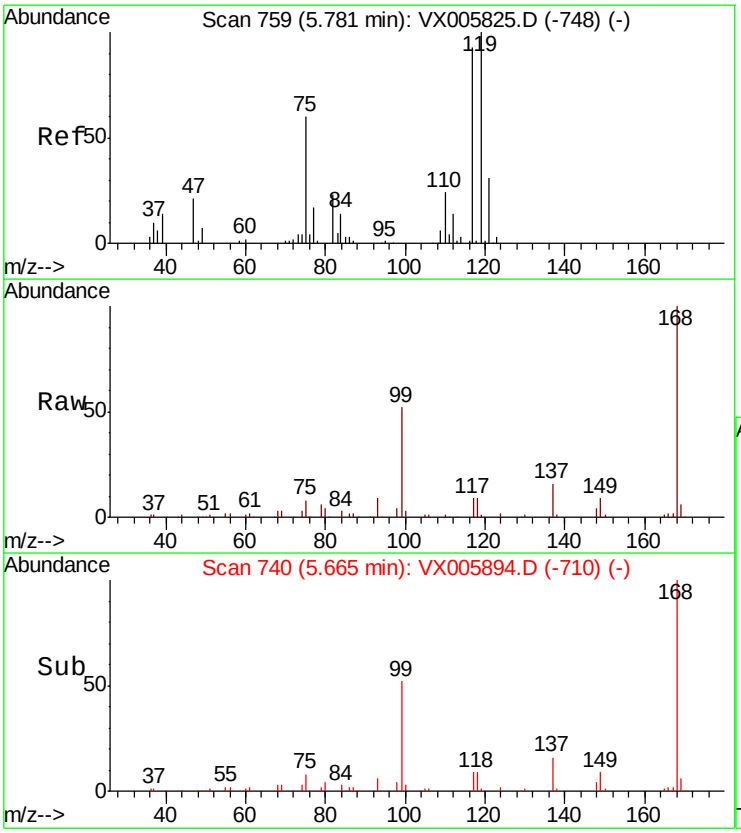

#36
1,1-Dichloropropene
Concen: 4.993 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1112WBL01

Tgt Ion: 75 Resp: 7167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.2 | 17.4 | 52.2# |
| 77 | 0.0 | 25.8 | 38.6# |

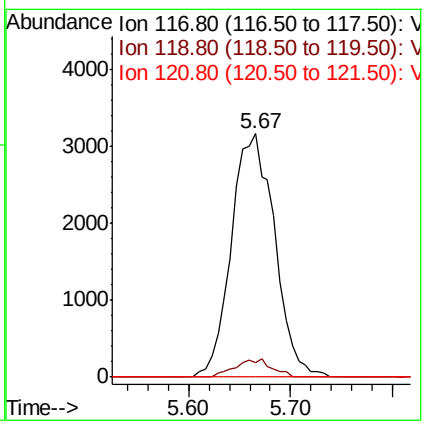


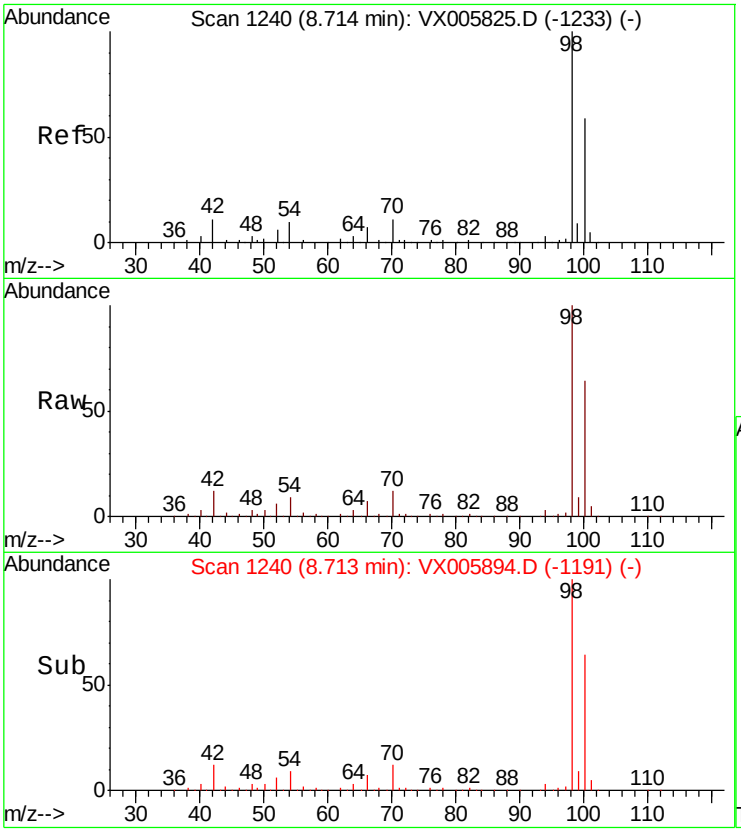




#38
Carbon Tetrachloride
Concen: 6.468 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

Tgt Ion:117 Resp: 9294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 6.2 | 78.1 | 117.1# |
| 121 | 0.0 | 24.6 | 36.8# |



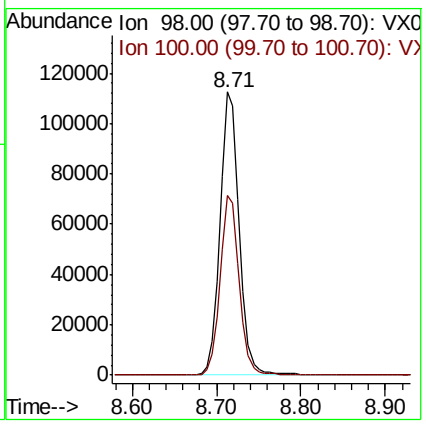


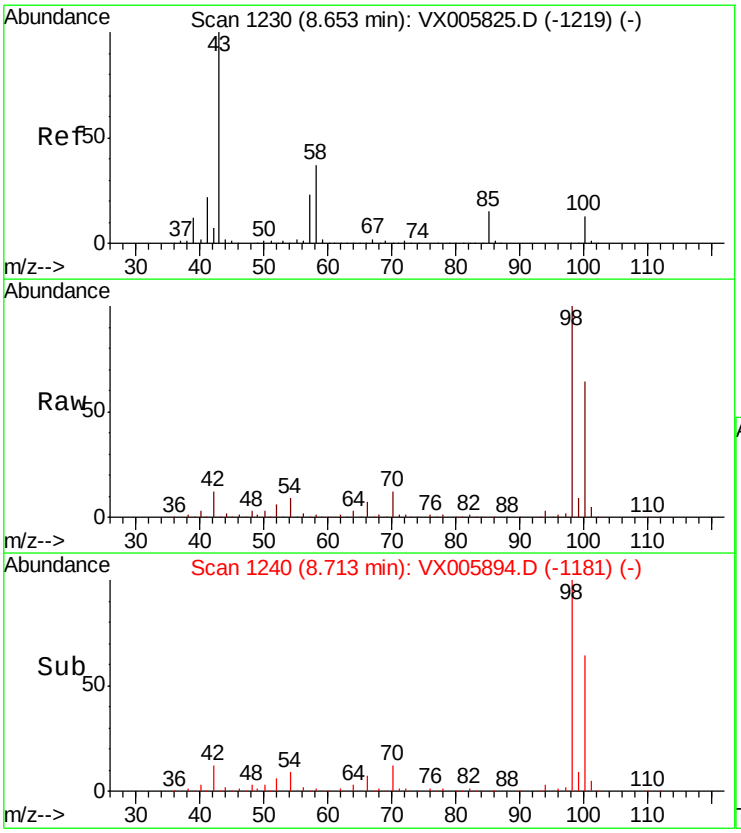

#50
Toluene-d8
Concen: 52.366 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX1112WBL01

Tgt Ion: 98 Resp: 176310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.3 | 51.3 | 76.9 |

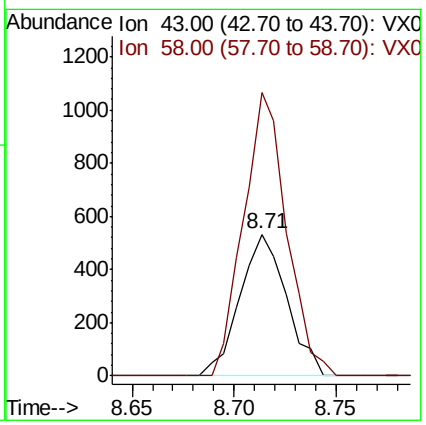


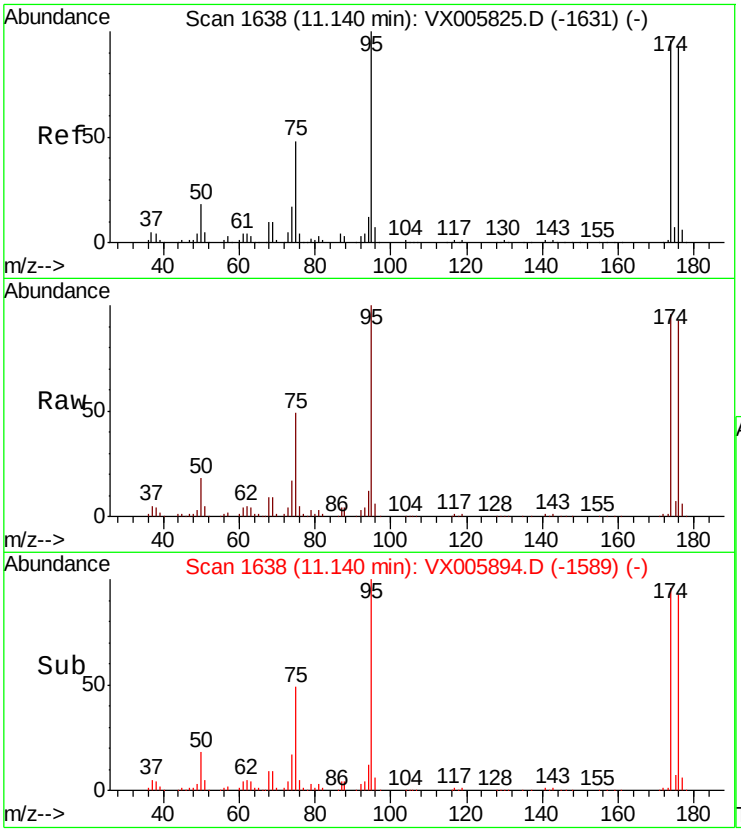




#51
4-Methyl-2-Pentanone
Concen: 0.492 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.06 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

Tgt Ion: 43 Resp: 848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 185.3 | 29.7 | 44.5# |



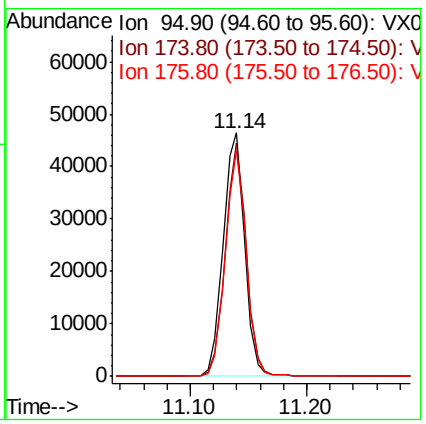


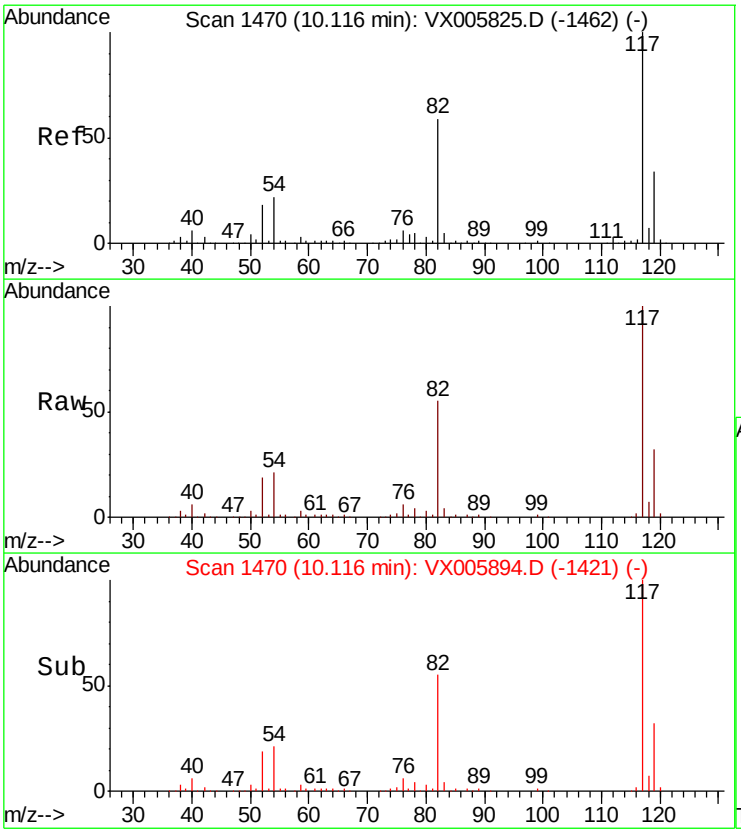

#62
4-Bromofluorobenzene
Concen: 48.903 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

**Instrument :** MSVOA_X
**ClientSampleId :** VX1112WBL01

Tgt Ion: 95 Resp: 59198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 93.6 | 0.0 | 184.4 |
| 176 | 90.3 | 0.0 | 177.4 |

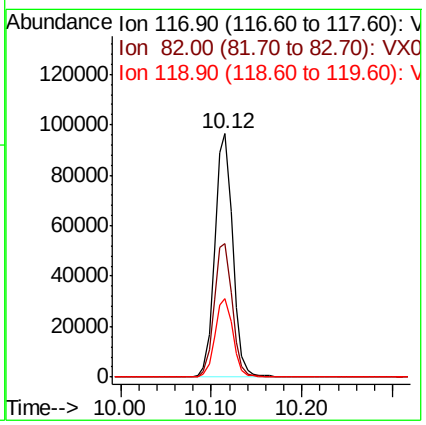


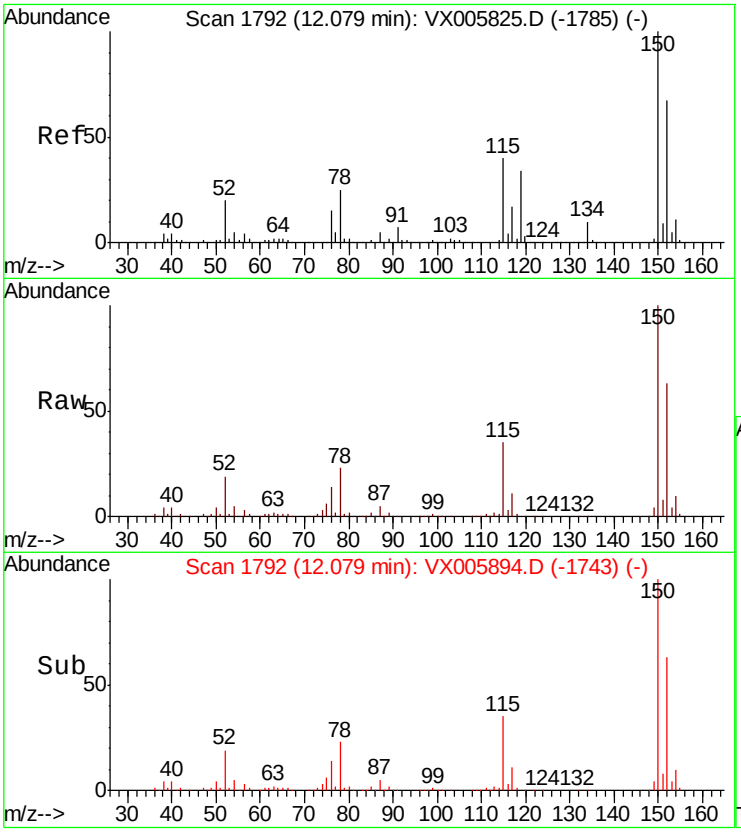




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

Tgt Ion:117 Resp: 133736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.8 | 44.1 | 66.1 |
| 119 | 32.2 | 26.2 | 39.2 |



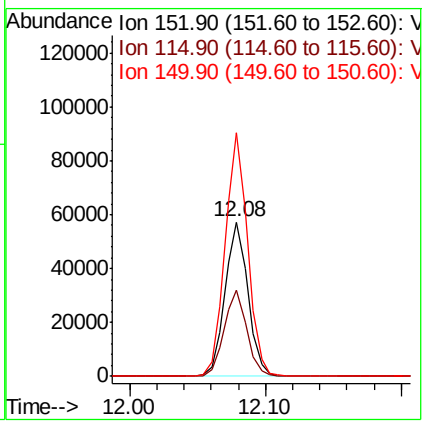


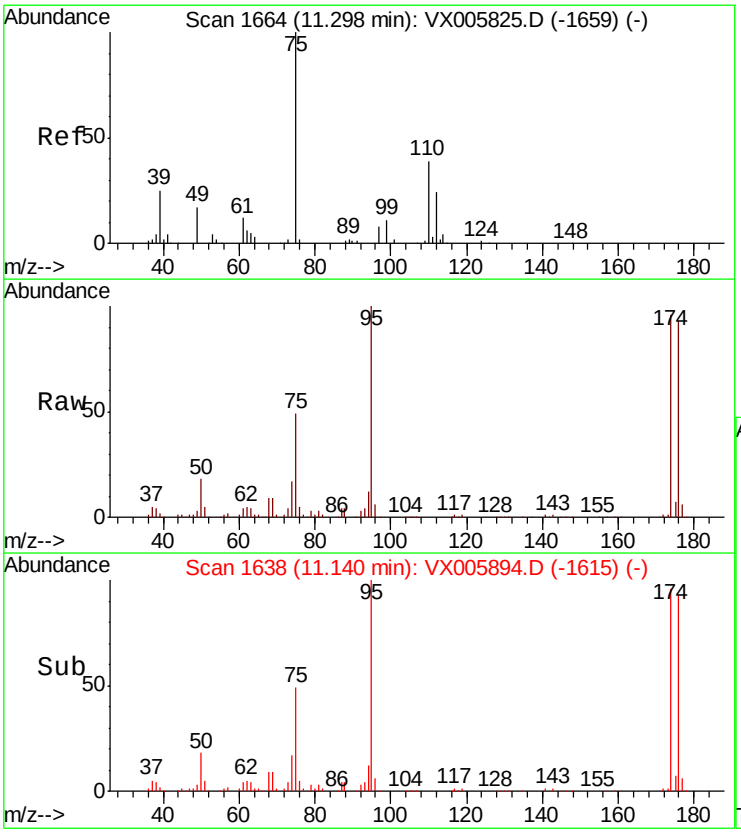

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

**Instrument :** MSVOA_X
**ClientSampleId :** VX1112WBL01

Tgt Ion:152 Resp: 66534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.2 | 39.4 | 118.1 |
| 150 | 155.3 | 0.0 | 346.4 |

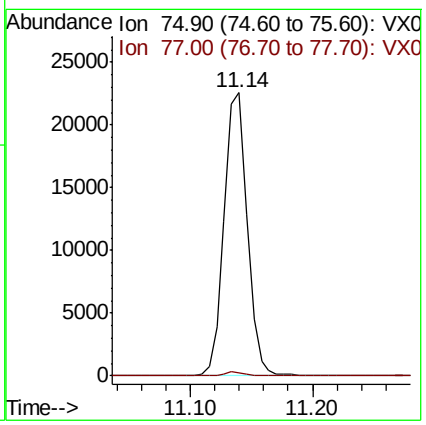


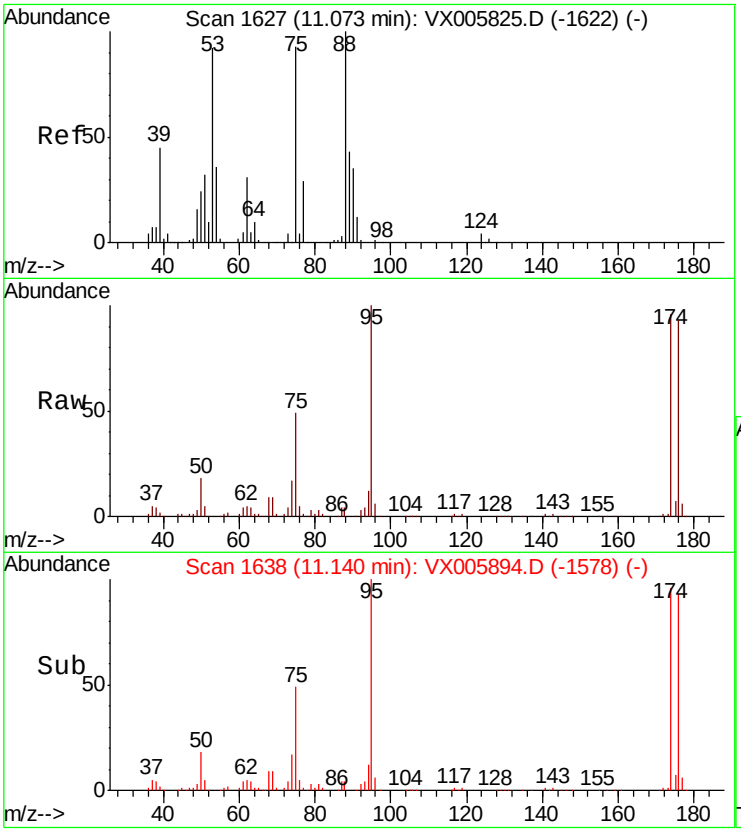




#76
1,2,3-Trichloropropane
Concen: 21.852 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

Tgt Ion: 75 Resp: 29605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.2 | 20.5 | 61.6# |



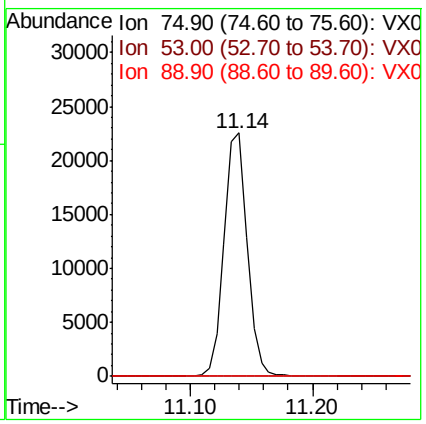


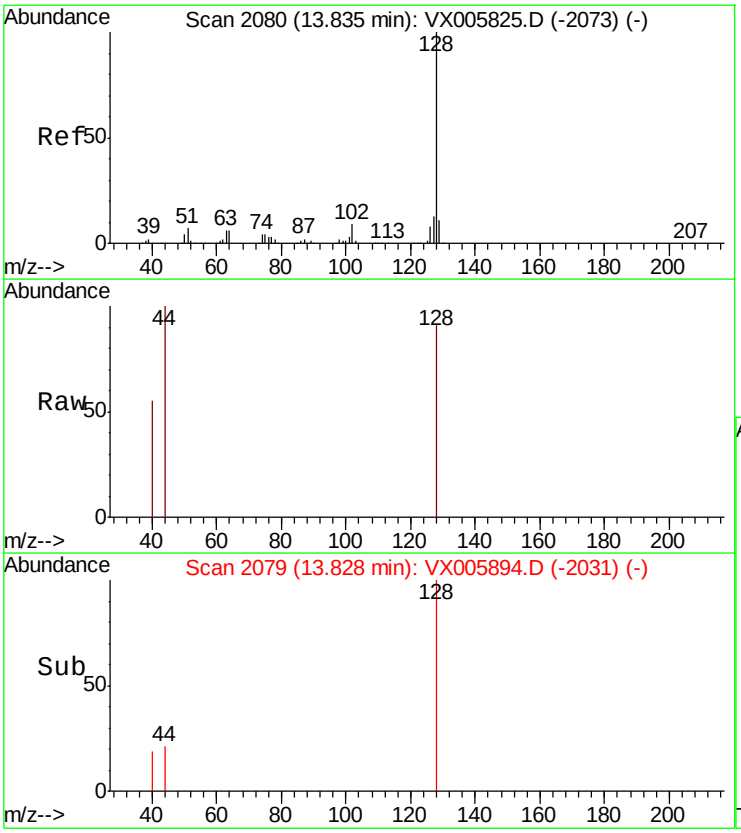

#81
trans-1,4-Dichloro-2-butene
Concen: 69.647 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

**Instrument :** MSVOA_X
**ClientSampleId :** VX1112WBL01

Tgt Ion: 75 Resp: 29605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 80.2 | 120.2# |
| 89 | 0.0 | 39.8 | 59.8# |




#95
Naphthalene
Concen: 1.202 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

Tgt Ion:128 Resp: 119

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