Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
Data File : VY001664.D
Acq On : 18 Feb 2020 11:12
Operator : SY/MD
Sample : VY0218SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0218SBL01

Quant Time: Feb 19 06:44:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.81 | 168 | 162982 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.71 | 114 | 299738 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.50 | 117 | 265590 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.44 | 152 | 114380 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.16 | 65 | 92148 | 52.56 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.12% | | | |
| 35) Dibromofluoromethane | 7.74 | 113 | 86324 | 50.28 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.56% | | | |
| 50) Toluene-d8 | 10.19 | 98 | 357245 | 53.12 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 106.24% | | | |
| 62) 4-Bromofluorobenzene | 12.49 | 95 | 117874 | 45.11 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.22% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 11) Tert butyl alcohol | 4.97 | 59 | 2001 | Below Cal | # | 74 |
| 16) Acetone | 3.98 | 43 | 1765 | 2.910 | ug/l # | 76 |
| 20) Methylene Chloride | 4.74 | 84 | 5699 | 2.645 | ug/l # | 83 |
| 25) 2-Butanone | 7.01 | 43 | 1925 | 2.336 | ug/l # | 78 |
| 31) Cyclohexane | 7.81 | 56 | 3805 | 1.033 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 7.81 | 75 | 13343 | 4.660 | ug/l # | 50 |
| 38) Carbon Tetrachloride | 7.81 | 117 | 16070 | 6.390 | ug/l # | 17 |
| 76) 1,2,3-Trichloropropane | 12.49 | 75 | 61343 | 46.752 | ug/l # | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.49 | 75 | 61343 | 88.697 | ug/l # | 17 |

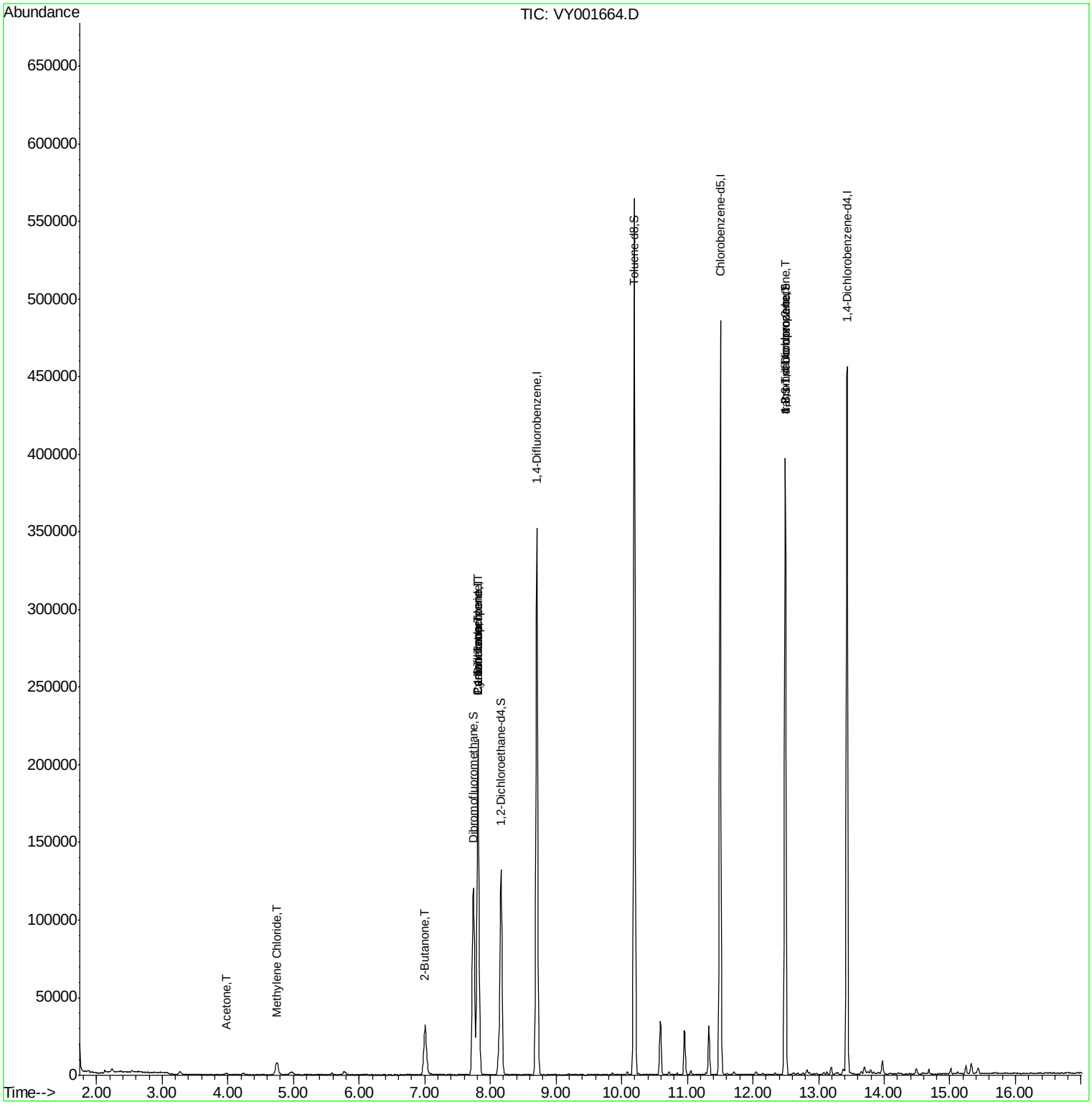
(#) = qualifier out of range (m) = manual integration (+) = signals summed

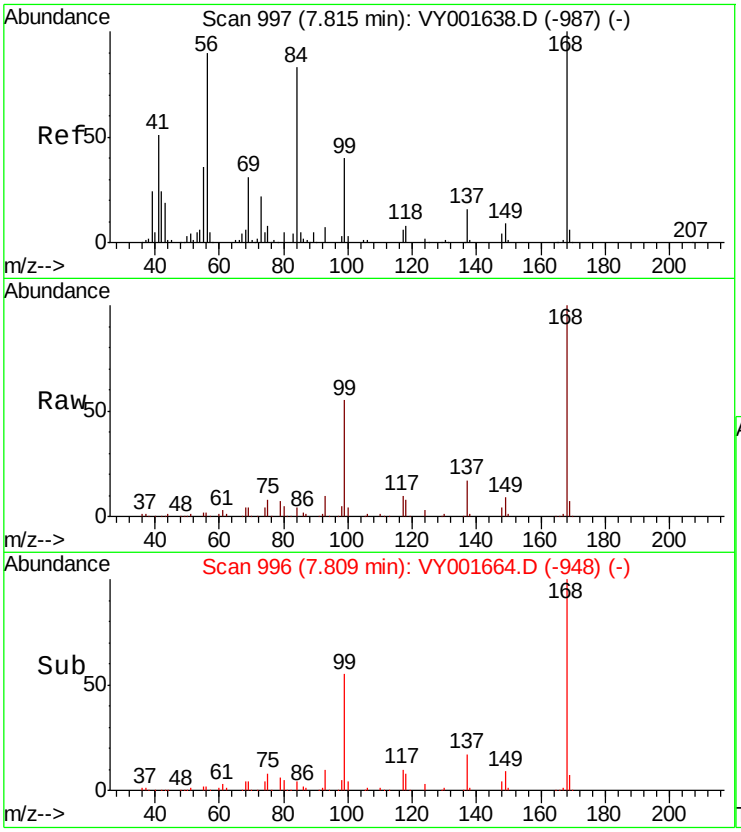
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021820\
Data File : VY001664.D
Acq On : 18 Feb 2020 11:12
Operator : SY/MD
Sample : VY0218SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0218SBL01

Quant Time: Feb 19 06:44:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration



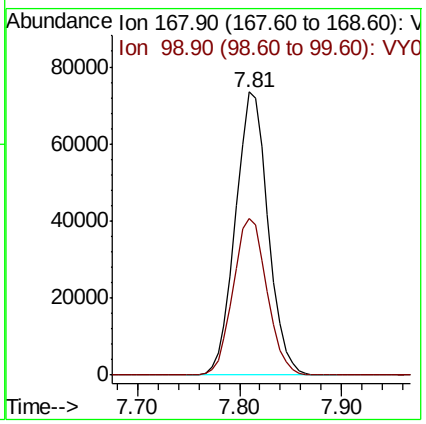


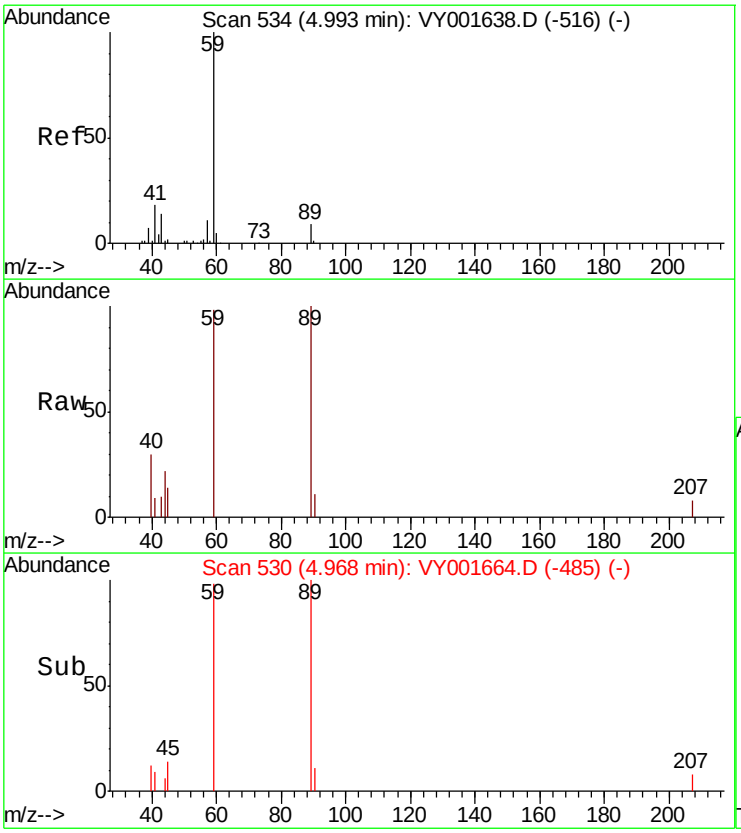

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001664.D
Acq: 18 Feb 2020 11:12

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0218SBL01

Tgt Ion:168 Resp: 162982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.5 | 47.5 | 71.3 |

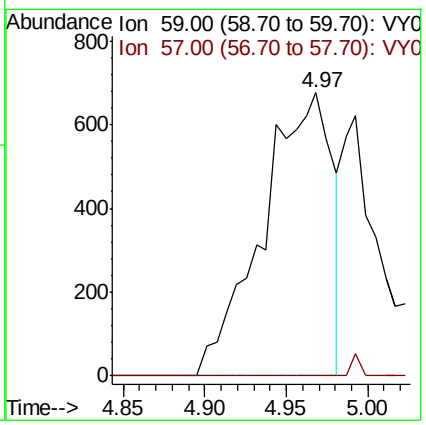


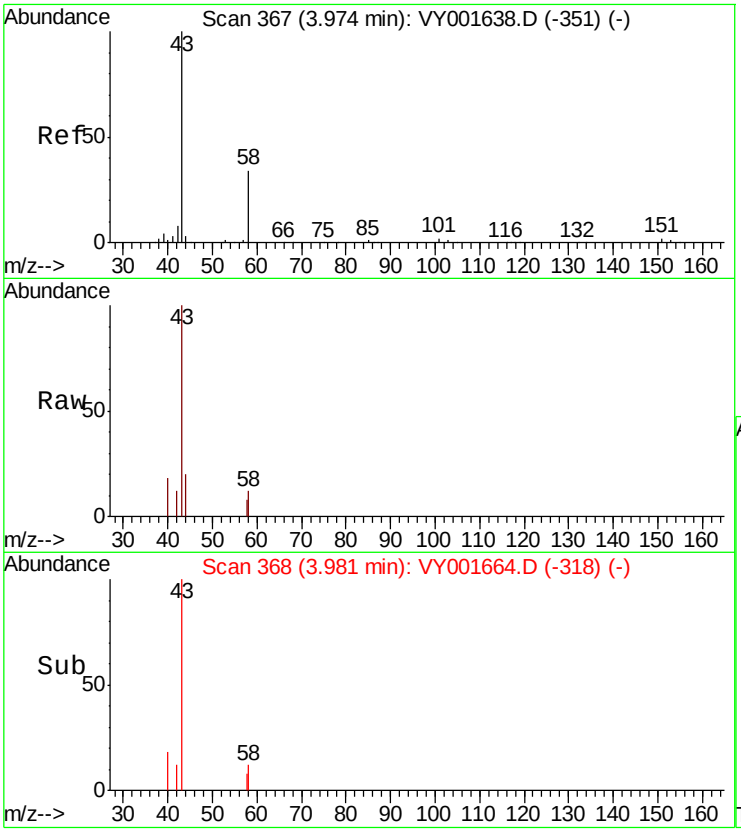




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.97 min Scan# 530
Delta R.T. -0.02 min
Lab File: VY001664.D
Acq: 18 Feb 2020 11:12

Tgt Ion: 59 Resp: 2001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 7.4 | 11.2# |



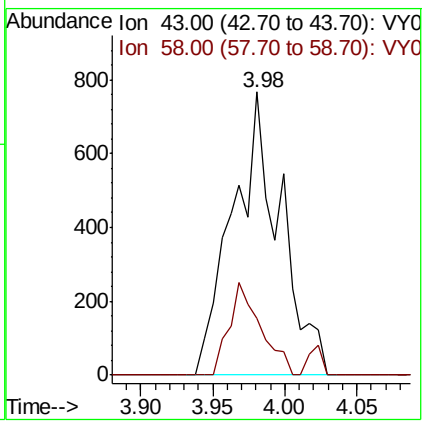


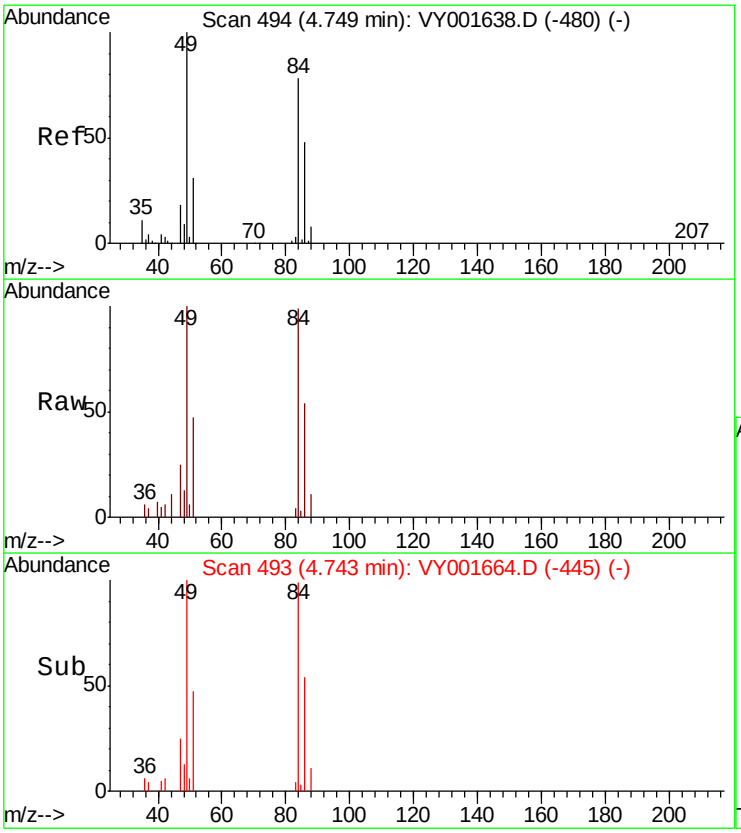

#16
Acetone
Concen: 2.910 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.01 min
Lab File: VY001664.D
Acq: 18 Feb 2020 11:12

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0218SBL01

Tgt Ion: 43 Resp: 1765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 20.2 | 27.3 | 40.9# |

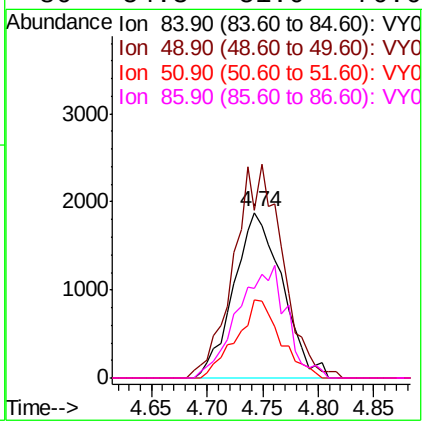


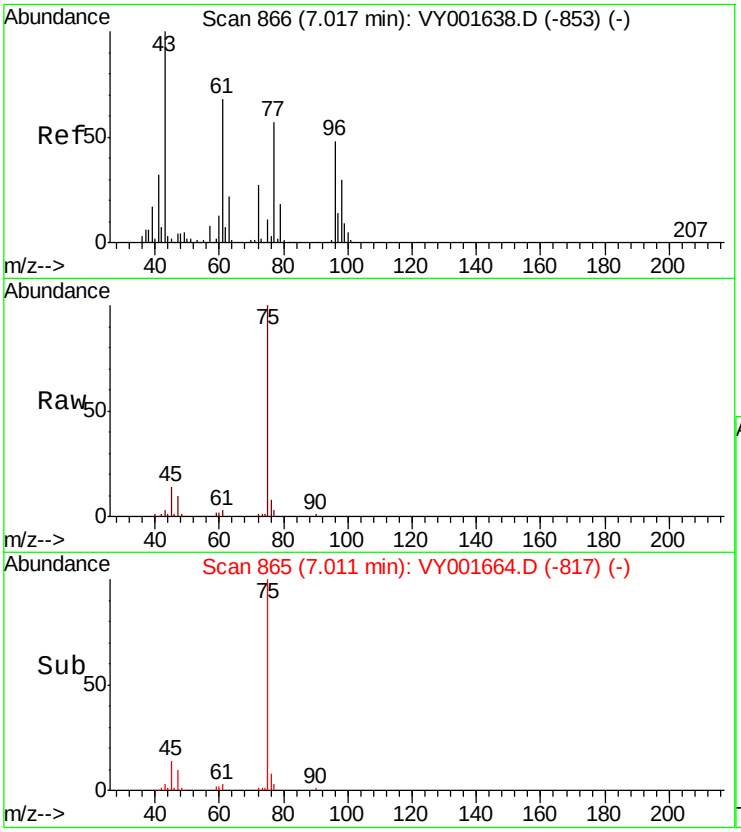




#20
Methylene Chloride
Concen: 2.645 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001664.D
Acq: 18 Feb 2020 11:12

Tgt Ion: 84 Resp: 5699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 101.1 | 99.2 | 148.8 |
| 51 | 47.4 | 31.5 | 47.3# |
| 86 | 54.3 | 51.0 | 76.6 |



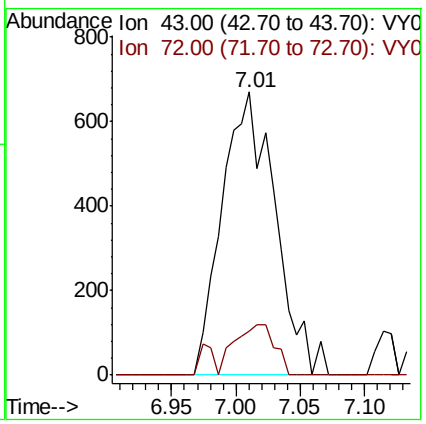


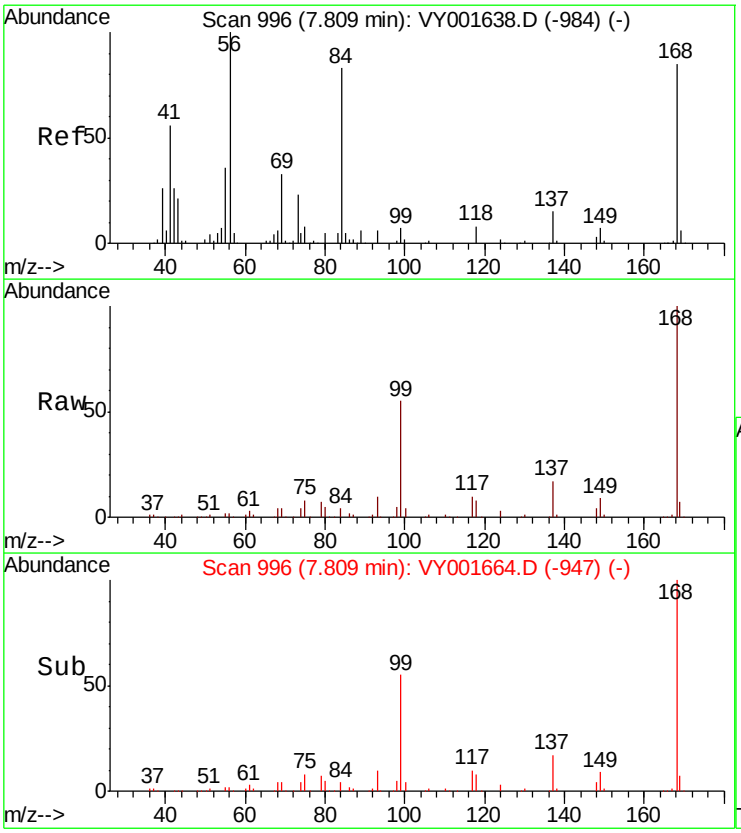

#25
2-Butanone
Concen: 2.336 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001664.D
Acq: 18 Feb 2020 11:12

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0218SBL01

Tgt Ion: 43 Resp: 1925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 15.4 | 21.2 | 31.8# |

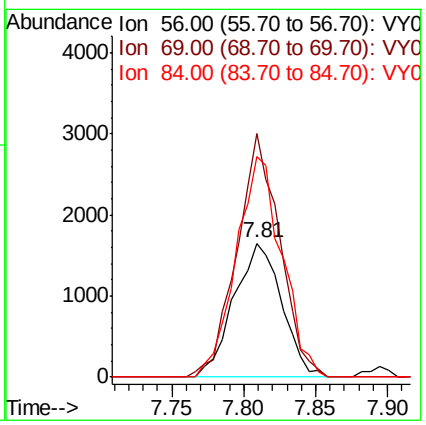


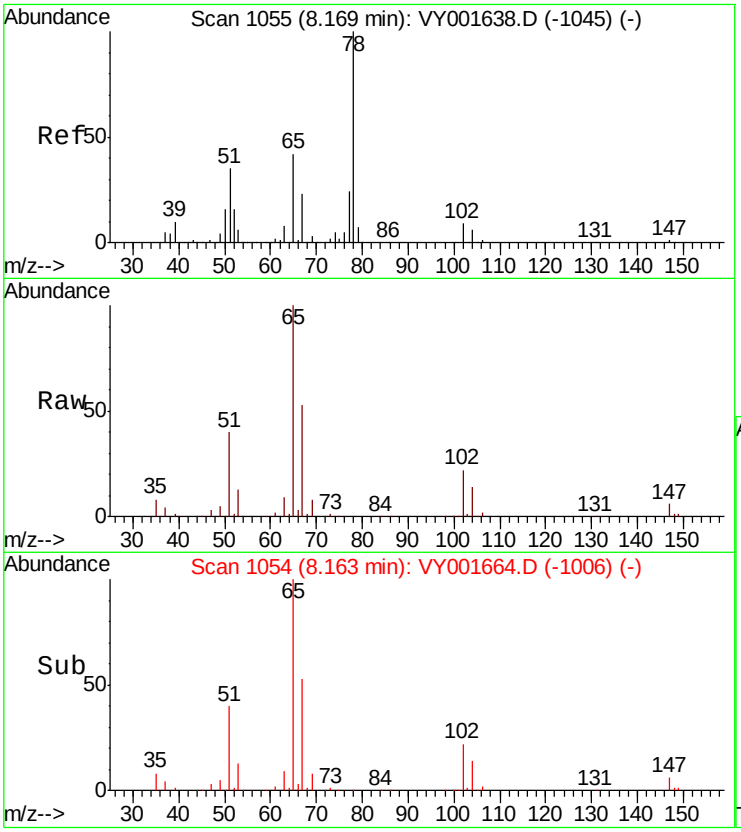




#31
Cyclohexane
Concen: 1.033 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001664.D
Acq: 18 Feb 2020 11:12

Tgt Ion: 56 Resp: 3805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 182.1 | 25.1 | 37.7# |
| 84 | 164.5 | 66.9 | 100.3# |



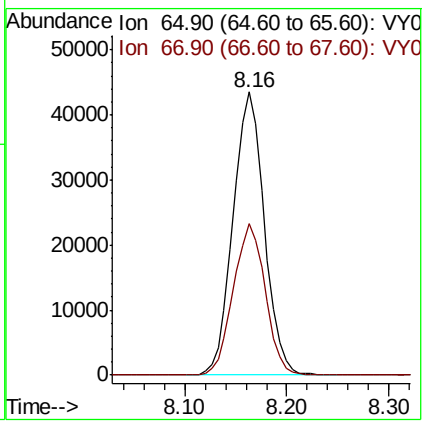


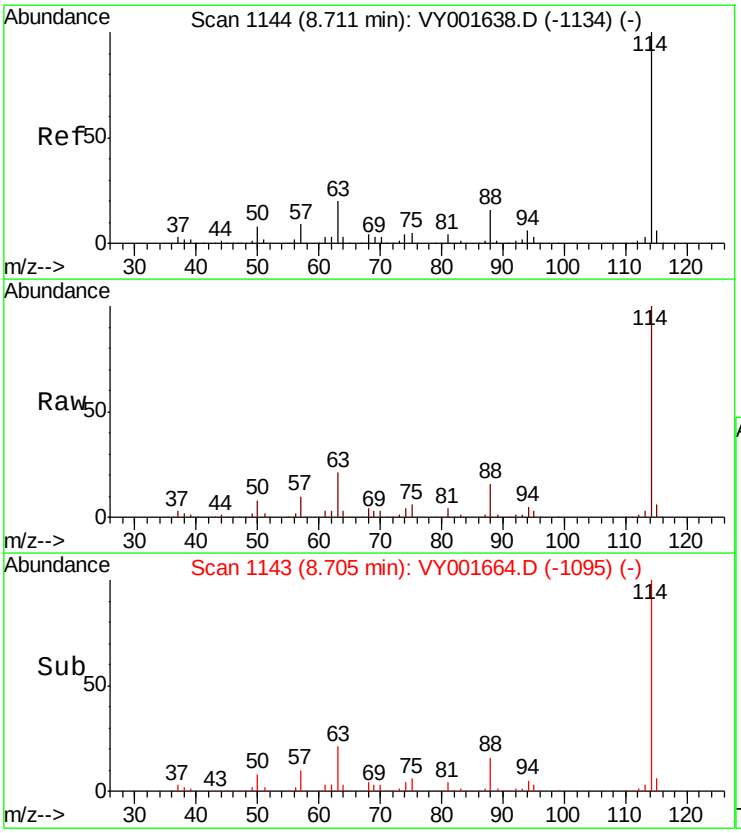

#33
1,2-Dichloroethane-d4
Concen: 52.563 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001664.D
Acq: 18 Feb 2020 11:12

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0218SBL01

Tgt Ion: 65 Resp: 92148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.7 | 0.0 | 111.0 |

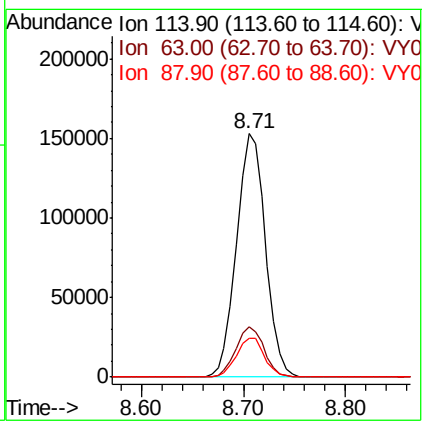


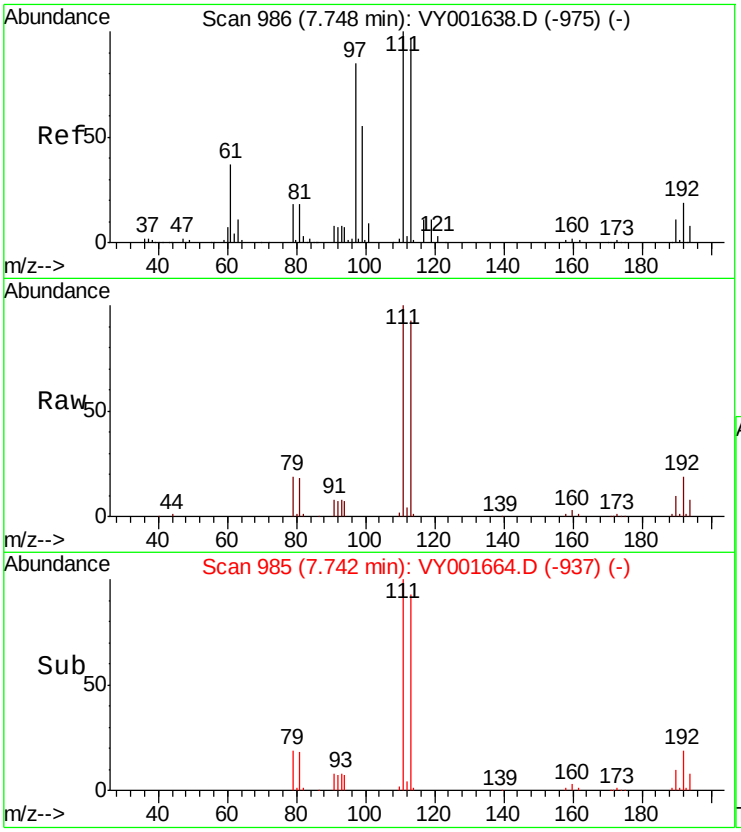




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001664.D
Acq: 18 Feb 2020 11:12

Tgt Ion:114 Resp: 299738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.9 | 0.0 | 41.4 |
| 88 | 15.7 | 0.0 | 32.8 |



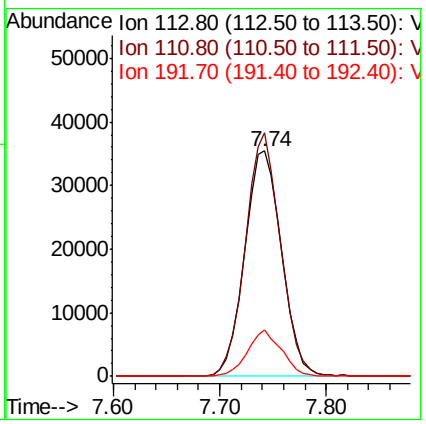


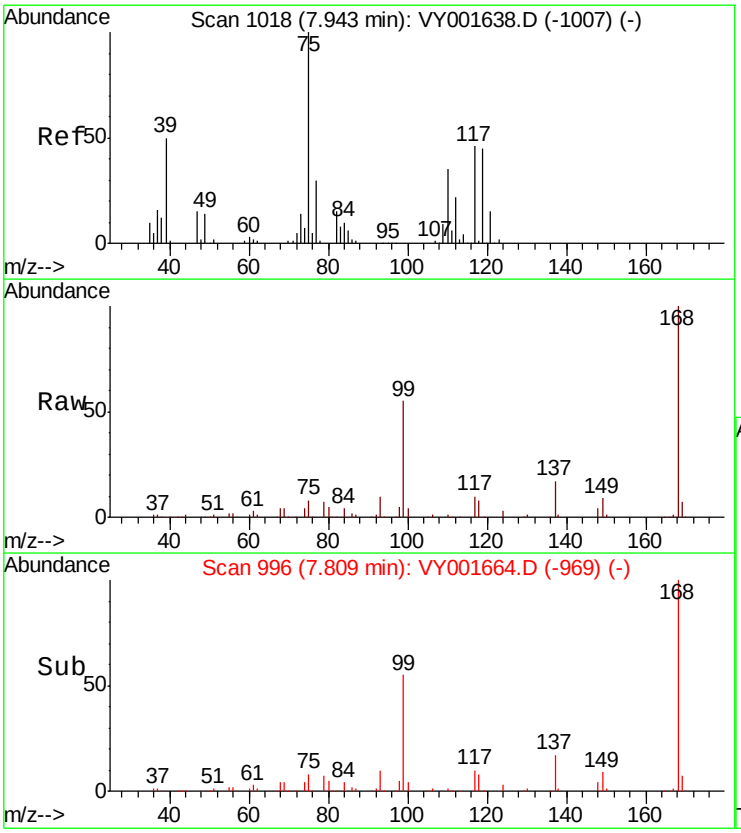

#35
Dibromofluoromethane
Concen: 50.283 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001664.D
Acq: 18 Feb 2020 11:12

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0218SBL01

Tgt Ion:113 Resp: 86324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.7 | 81.9 | 122.9 |
| 192 | 19.1 | 14.3 | 21.5 |

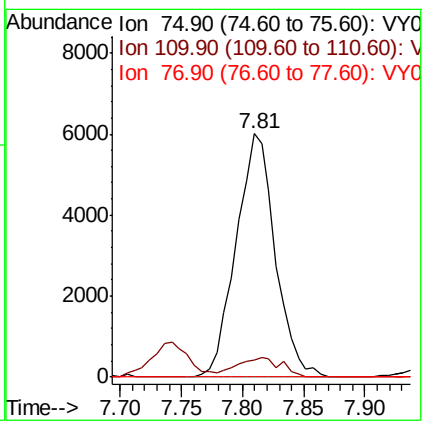


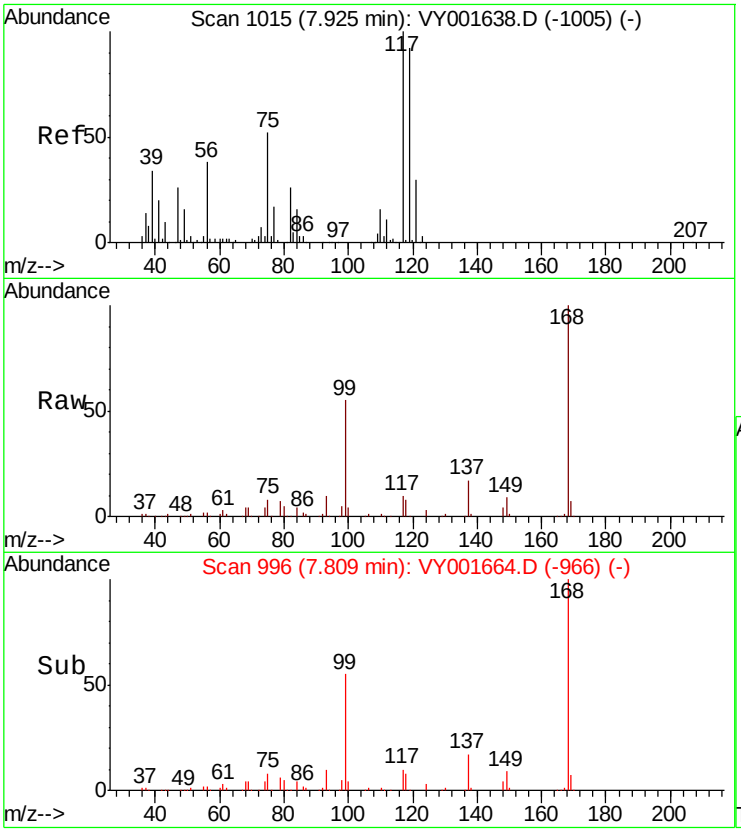




#36
1,1-Dichloropropene
Concen: 4.660 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.13 min
Lab File: VY001664.D
Acq: 18 Feb 2020 11:12

Tgt Ion: 75 Resp: 13343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.0 | 17.2 | 51.6# |
| 77 | 0.0 | 24.8 | 37.2# |



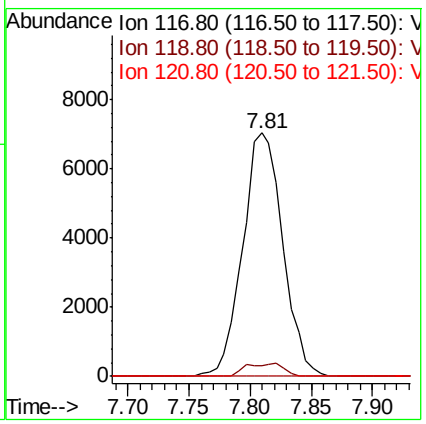


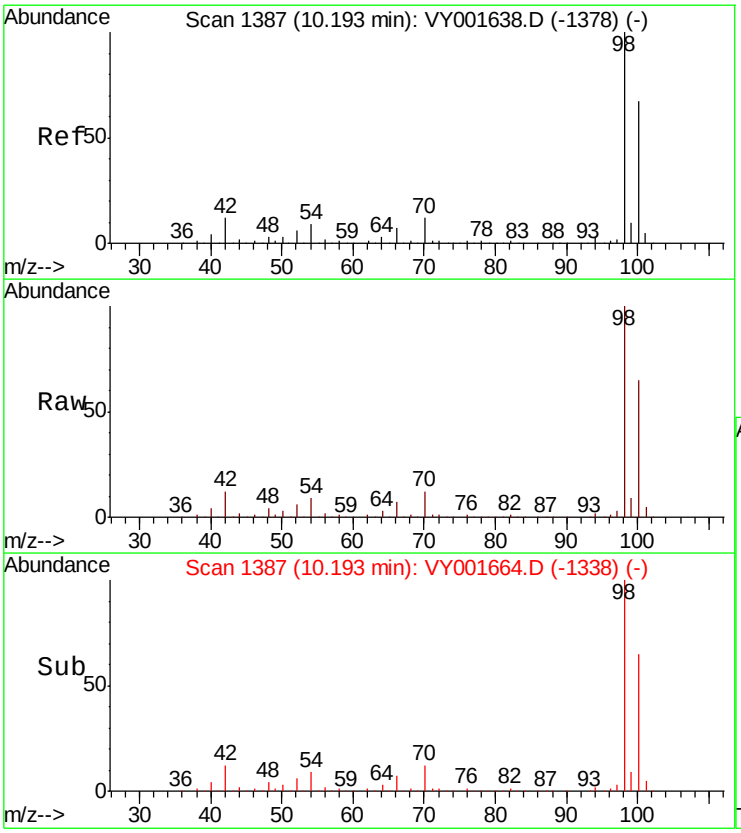

#38
Carbon Tetrachloride
Concen: 6.390 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY001664.D
Acq: 18 Feb 2020 11:12

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0218SBL01

Tgt Ion:117 Resp: 16070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.5 | 74.8 | 112.2# |
| 121 | 0.0 | 23.8 | 35.6# |

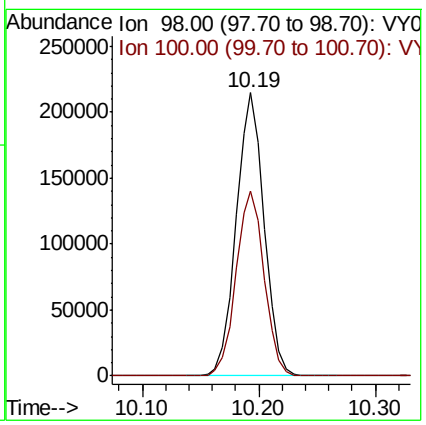


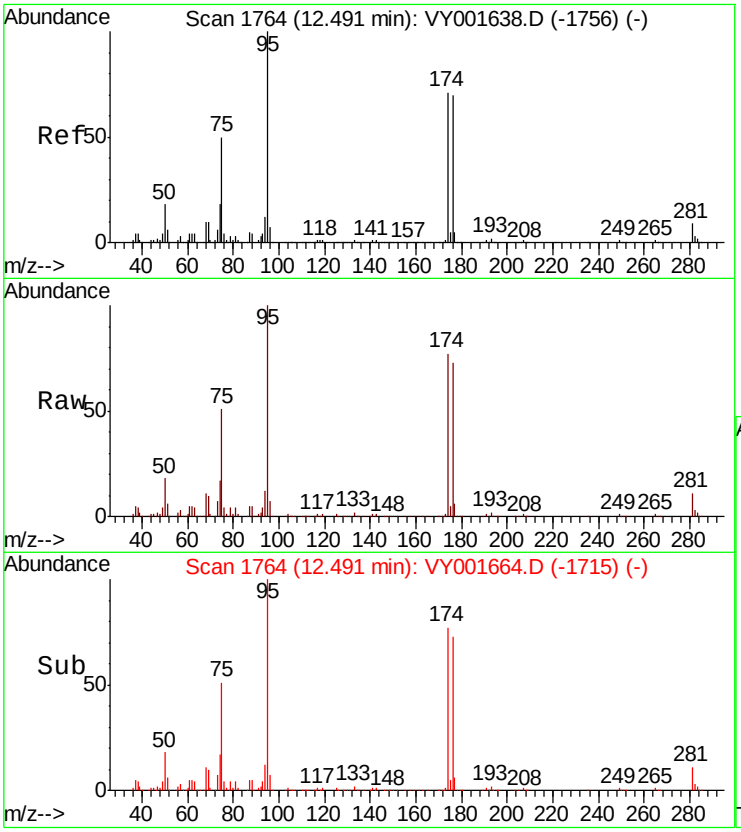




#50
Toluene-d8
Concen: 53.116 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001664.D
Acq: 18 Feb 2020 11:12

Tgt Ion: 98 Resp: 357245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.8 | 53.0 | 79.4 |



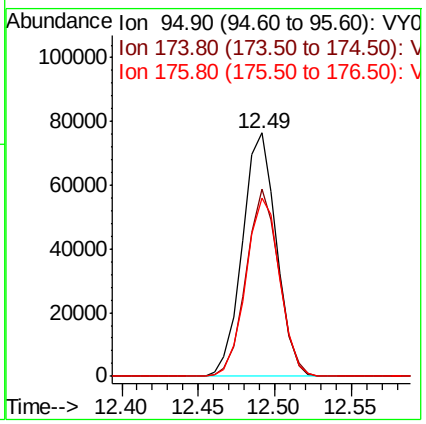


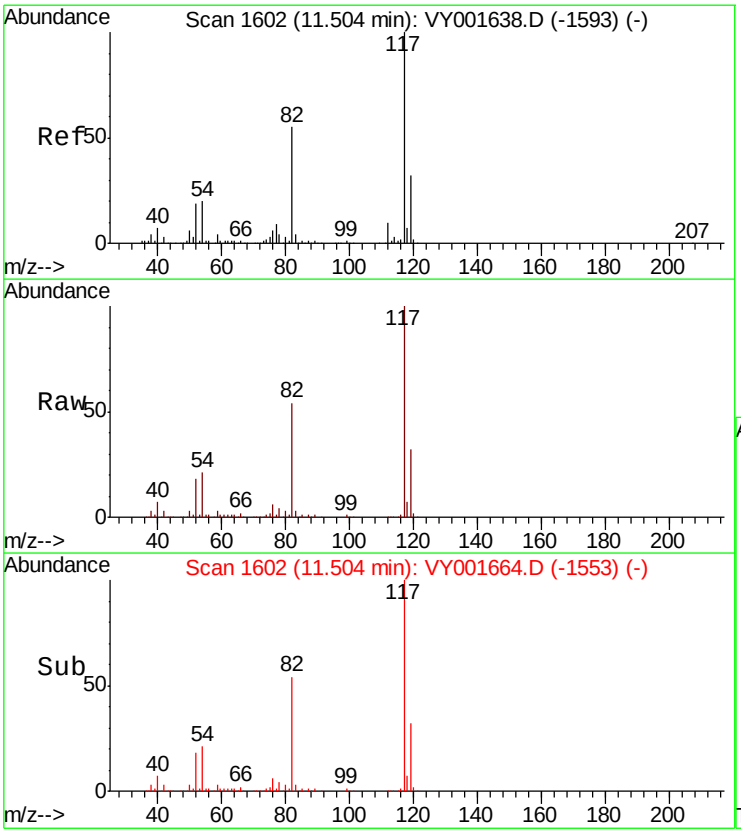

#62
4-Bromofluorobenzene
Concen: 45.112 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001664.D
Acq: 18 Feb 2020 11:12

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0218SBL01

Tgt Ion: 95 Resp: 117874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 74.6 | 0.0 | 138.4 |
| 176 | 73.2 | 0.0 | 131.8 |

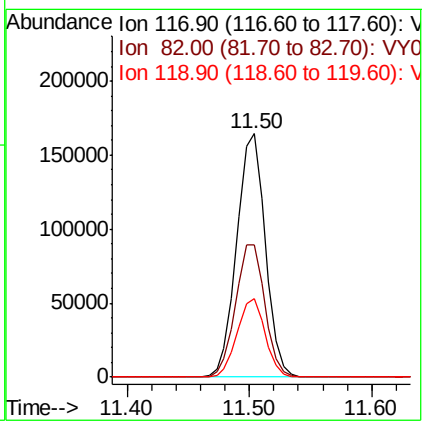


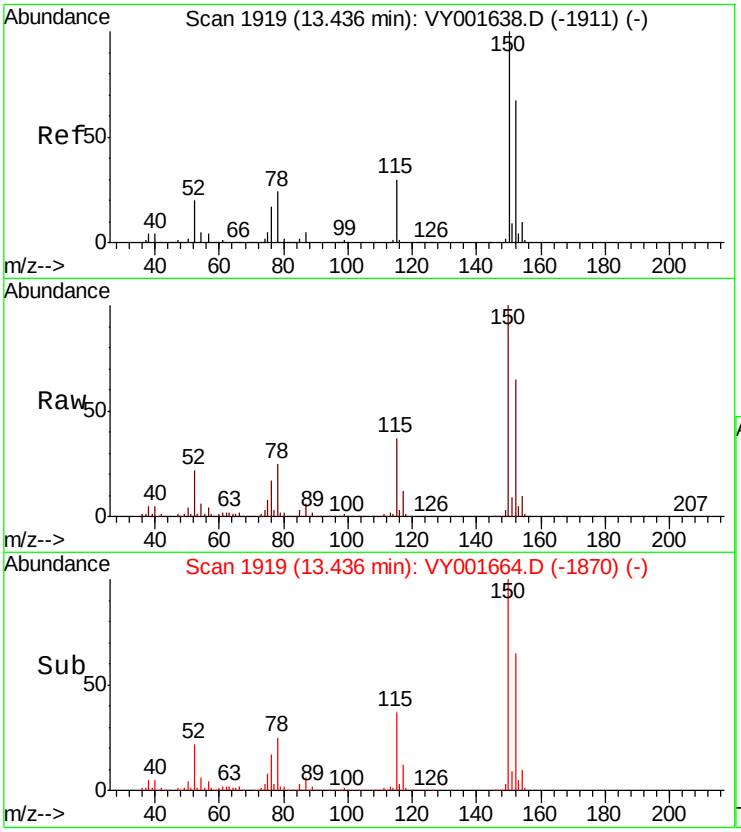




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001664.D
Acq: 18 Feb 2020 11:12

Tgt Ion:117 Resp: 265590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.2 | 45.5 | 68.3 |
| 119 | 32.1 | 25.8 | 38.6 |



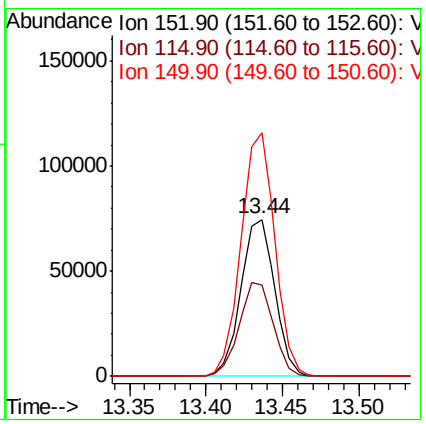


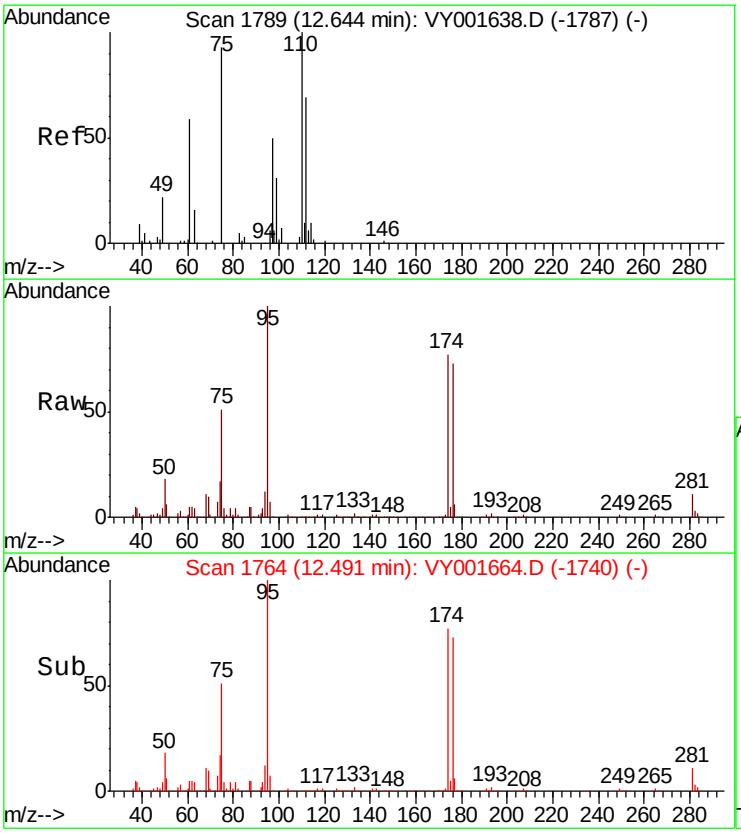

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001664.D
Acq: 18 Feb 2020 11:12

**Instrument :** MSVOA_Y
**ClientSampleId :** VY0218SBL01

Tgt Ion:152 Resp: 114380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.2 | 31.4 | 94.2 |
| 150 | 155.5 | 0.0 | 407.2 |

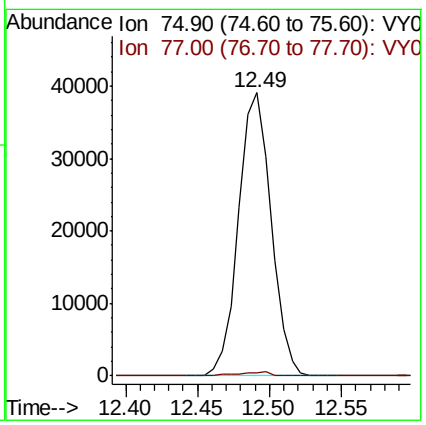


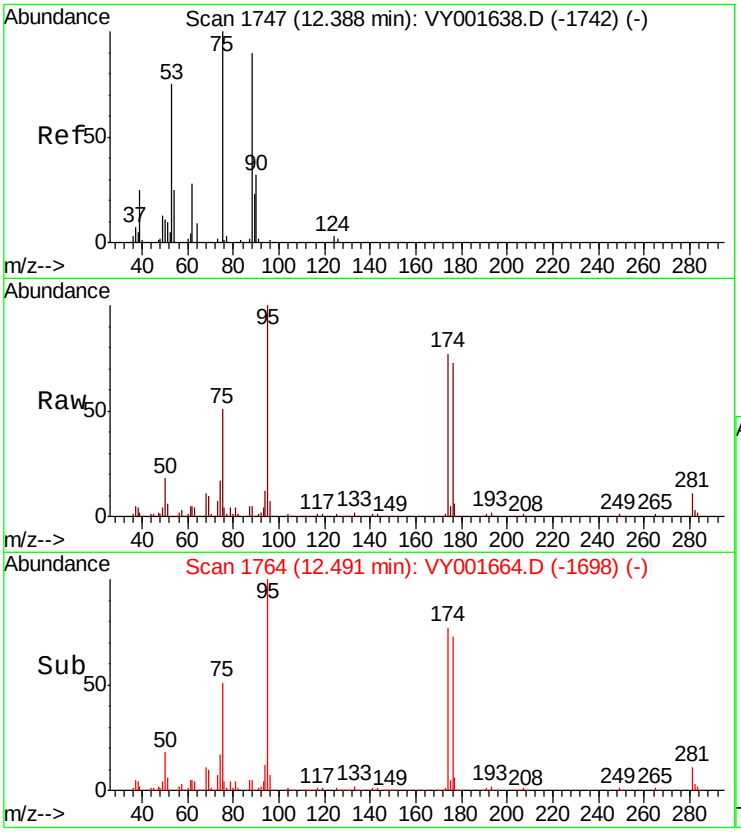




#76
1,2,3-Trichloropropane
Concen: 46.752 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY001664.D
Acq: 18 Feb 2020 11:12

Tgt Ion: 75 Resp: 61343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.5 | 0.0 | 0.0# |






#81
trans-1,4-Dichloro-2-butene
Concen: 88.697 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY001664.D
Acq: 18 Feb 2020 11:12

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0218SBL01

Tgt Ion: 75 Resp: 61343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 64.5 | 96.7# |
| 89 | 0.5 | 36.3 | 54.5# |