Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
Data File : VY001668.D
Acq On : 18 Feb 2020 12:52
Operator : SY/MD
Sample : L1546-20RE
Misc : 5.83G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** INDIAN-ISLAND-(10)

Quant Time: Feb 19 06:45:47 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 | 7.82 | 168 | 156066 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.71 | 114 | 285988 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.50 | 117 | 249054 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.44 | 152 | 98872 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.17 | 65 | 93594 | 55.75 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 111.50% | | |
| 35) Dibromofluoromethane | 7.74 | 113 | 83845 | 51.19 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 102.38% | | |
| 50) Toluene-d8 | 10.20 | 98 | 339511 | 52.91 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 105.82% | | |
| 62) 4-Bromofluorobenzene | 12.49 | 95 | 108391 | 43.48 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 86.96% | | |
| **Target Compounds** | | | | | | Qvalue |
| 11) Tert butyl alcohol | 5.02 | 59 | 29 | Below Cal | # | 74 |
| 16) Acetone | 3.97 | 43 | 709 | 1.221 | ug/l | 99 |
| 20) Methylene Chloride | 4.75 | 84 | 4355 | 2.111 | ug/l # | 88 |
| 36) 1,1-Dichloropropene | 7.82 | 75 | 12926 | 4.732 | ug/l # | 49 |
| 38) Carbon Tetrachloride | 7.82 | 117 | 15340 | 6.393 | ug/l # | 17 |
| 76) 1,2,3-Trichloropropane | 12.49 | 75 | 55424 | 48.867 | ug/l # | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.49 | 75 | 55424 | 92.708 | ug/l # | 17 |

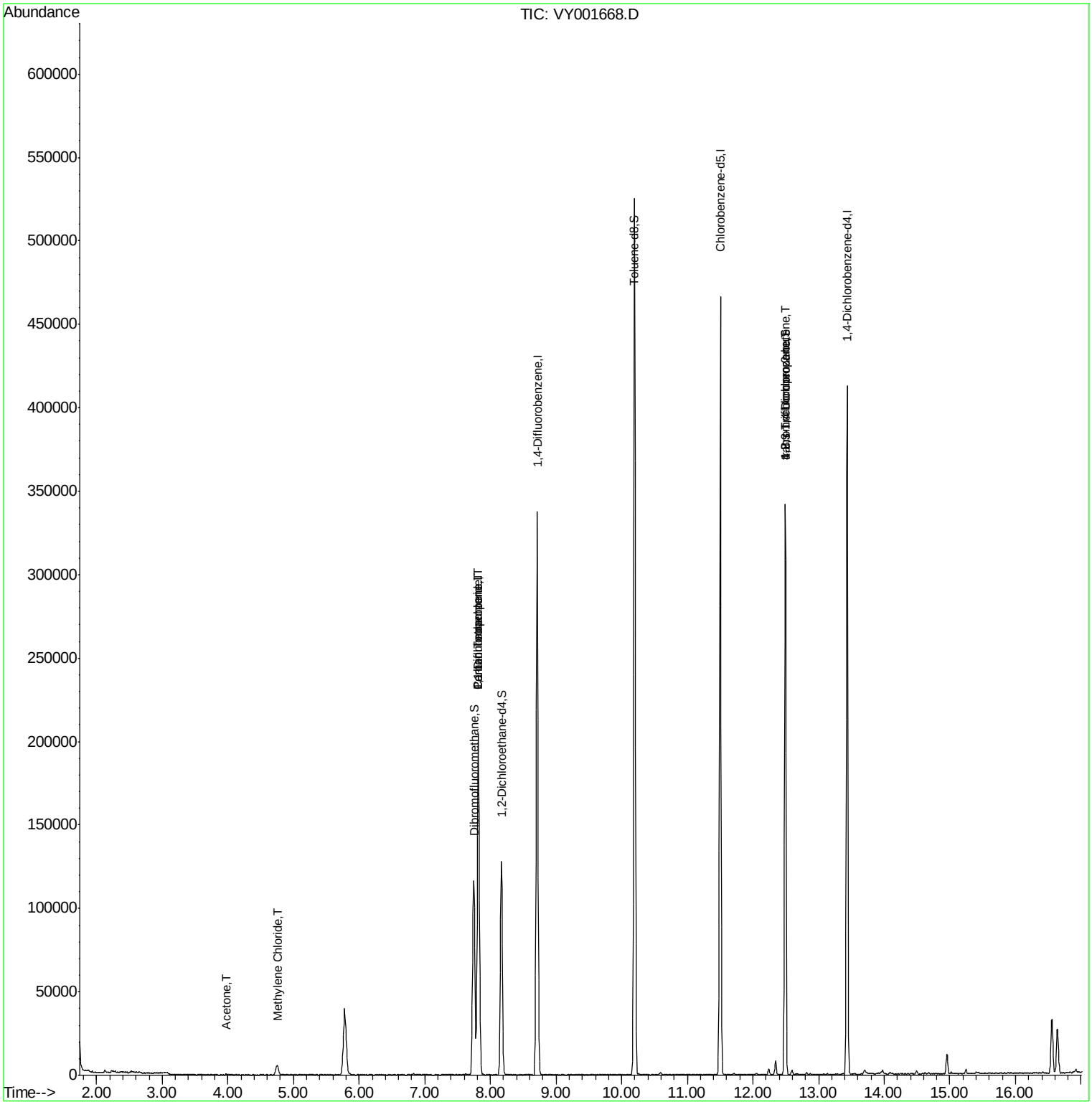
(#) = qualifier out of range (m) = manual integration (+) = signals summed

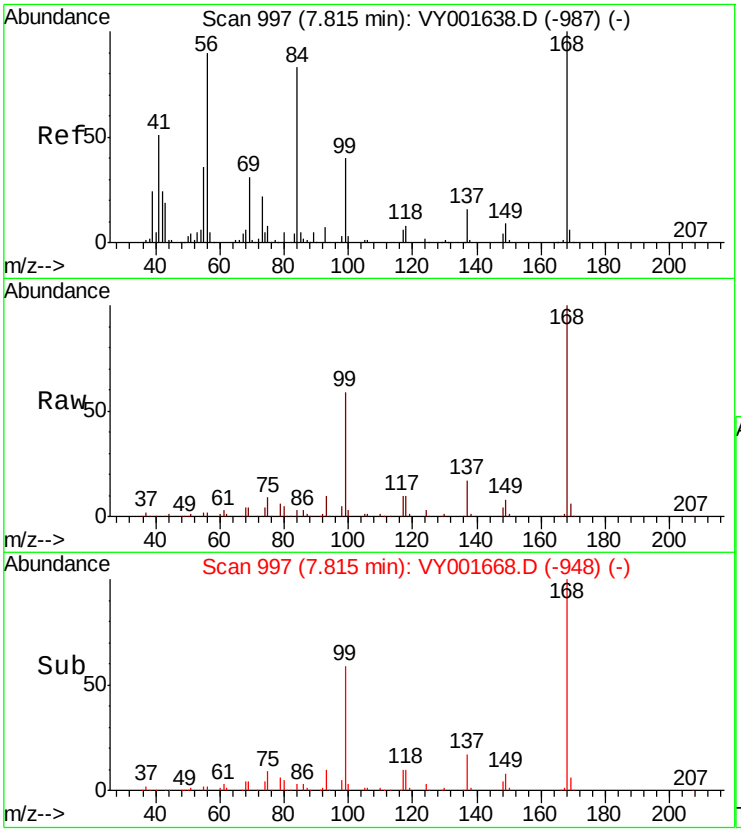
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021820\
Data File : VY001668.D
Acq On : 18 Feb 2020 12:52
Operator : SY/MD
Sample : L1546-20RE
Misc : 5.83G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
INDIAN-ISLAND-(10)

Quant Time: Feb 19 06:45:47 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



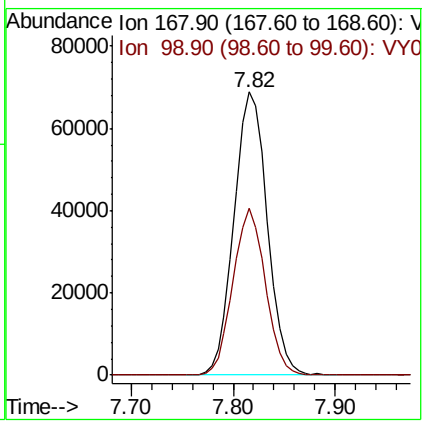


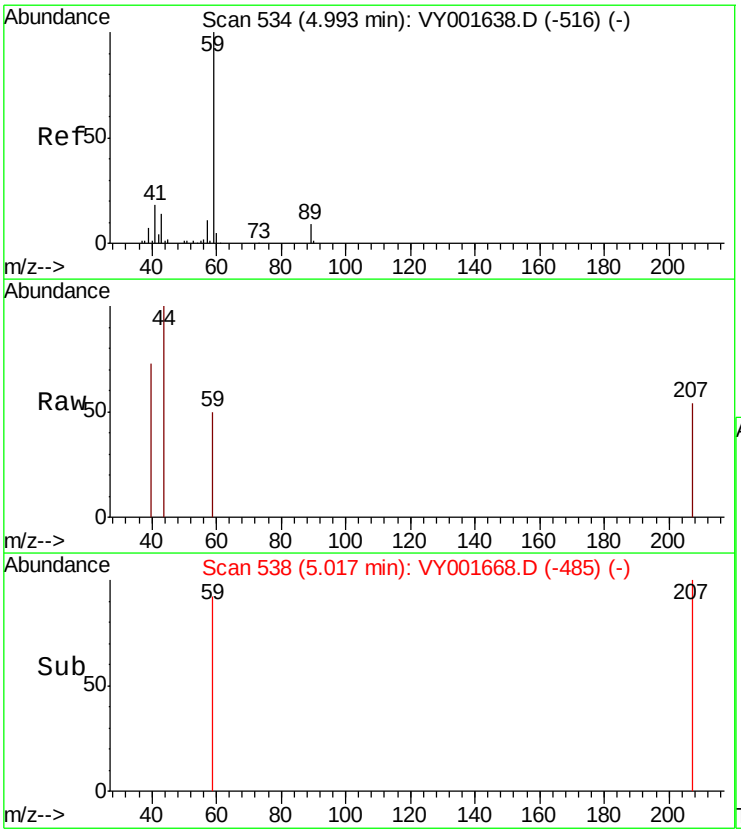

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.00 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

**Instrument :**
MSVOA_Y
**ClientSampleId :**
INDIAN-ISLAND-(10)

Tgt Ion:168 Resp: 156066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.0 | 47.5 | 71.3 |

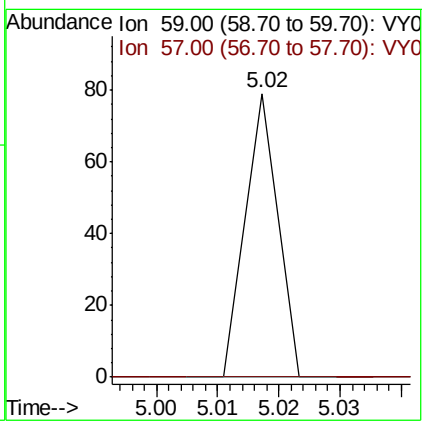


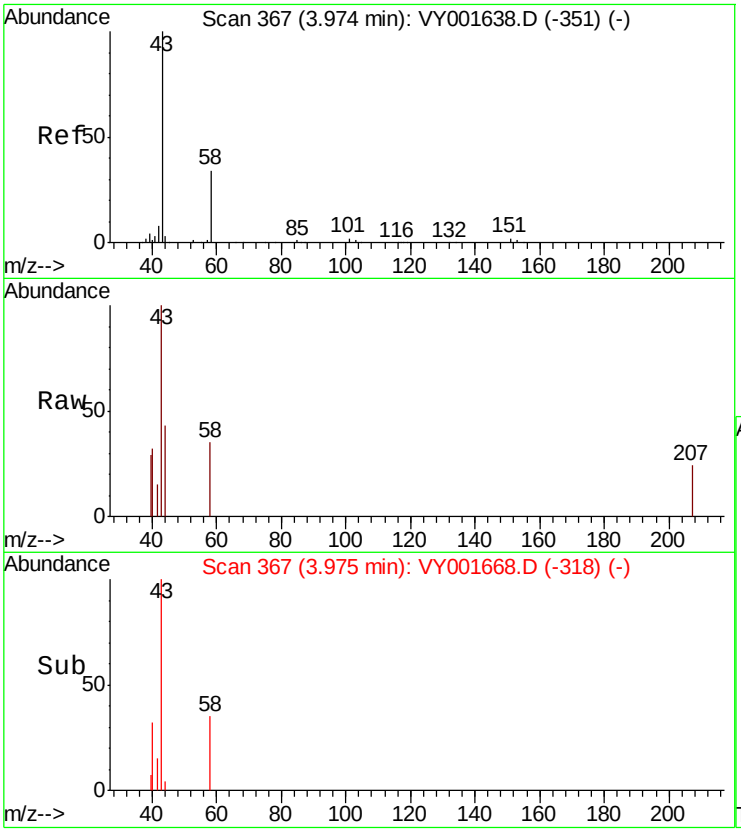




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.02 min Scan# 538
Delta R.T. 0.03 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

Tgt Ion: 59 Resp: 29

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



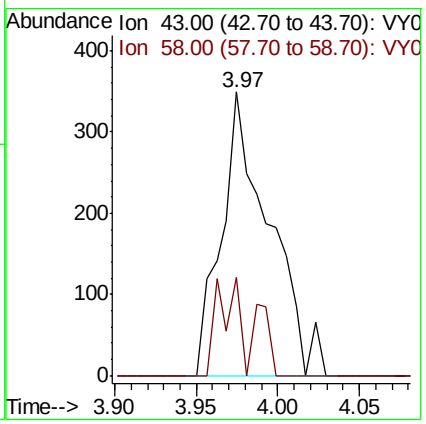


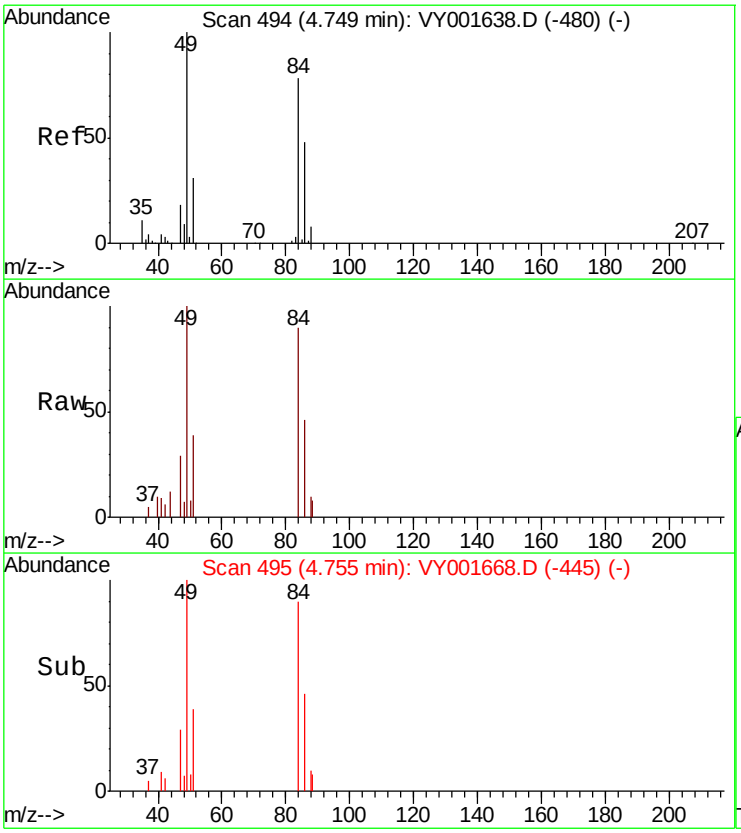

#16
Acetone
Concen: 1.221 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

**Instrument :**
MSVOA_Y
**ClientSampleId :**
INDIAN-ISLAND-(10)

Tgt Ion: 43 Resp: 709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.7 | 27.3 | 40.9 |

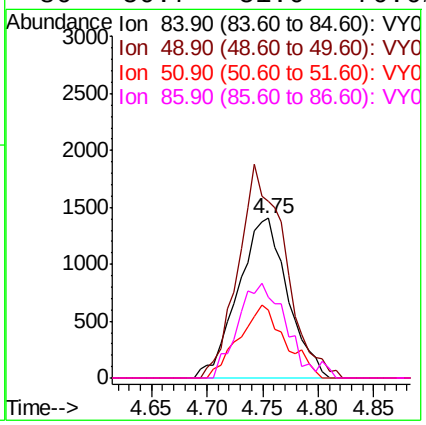


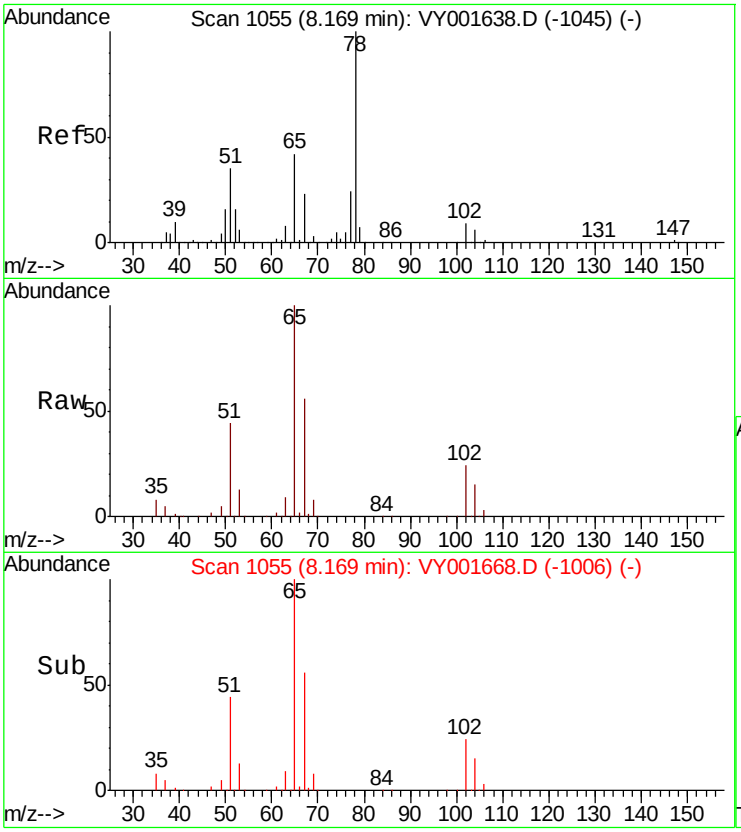




#20
Methylene Chloride
Concen: 2.111 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.01 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

Tgt Ion: 84 Resp: 4355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 110.6 | 99.2 | 148.8 |
| 51 | 42.8 | 31.5 | 47.3 |
| 86 | 50.7 | 51.0 | 76.6# |



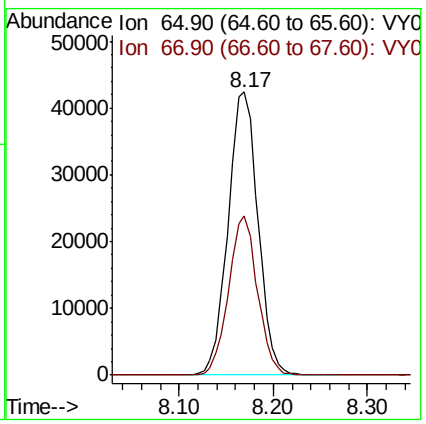


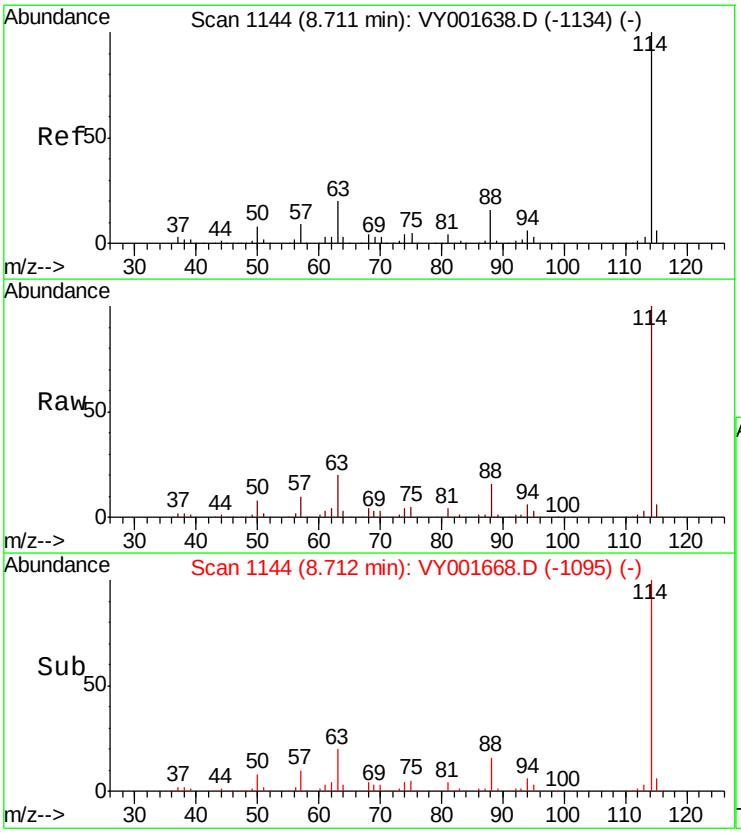

#33
1,2-Dichloroethane-d4
Concen: 55.753 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

**Instrument :**
MSVOA_Y
**ClientSampleId :**
INDIAN-ISLAND-(10)

Tgt Ion: 65 Resp: 93594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.2 | 0.0 | 111.0 |

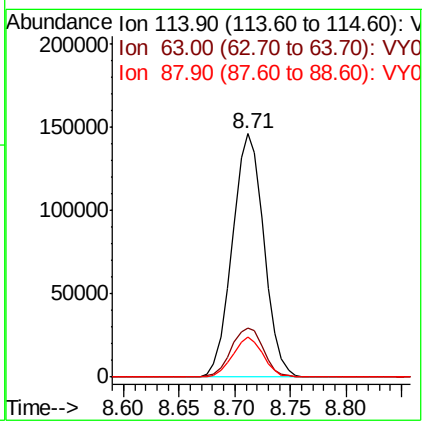


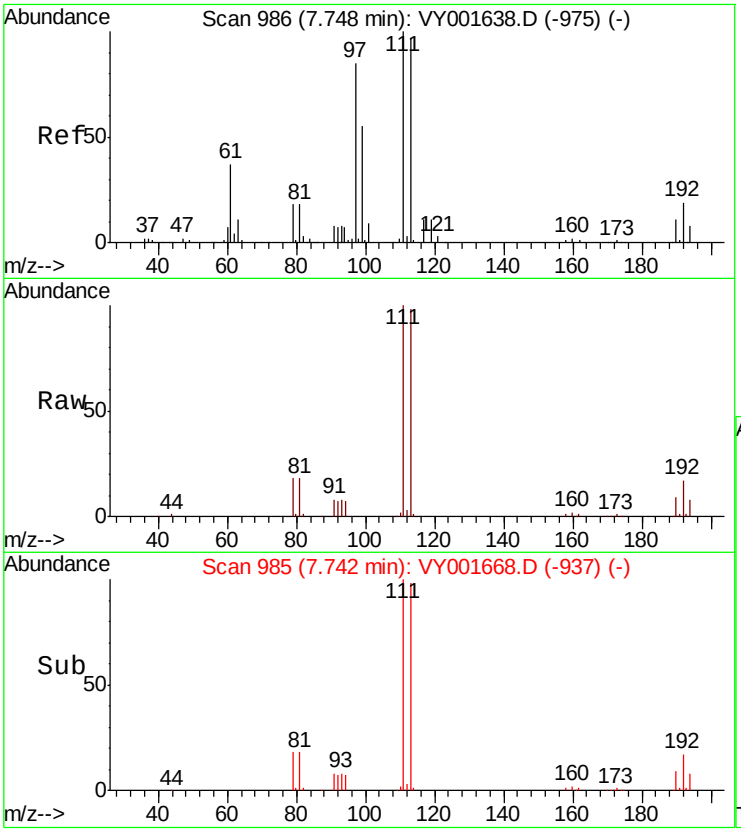




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

Tgt Ion:114 Resp: 285988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.2 | 0.0 | 41.4 |
| 88 | 16.3 | 0.0 | 32.8 |



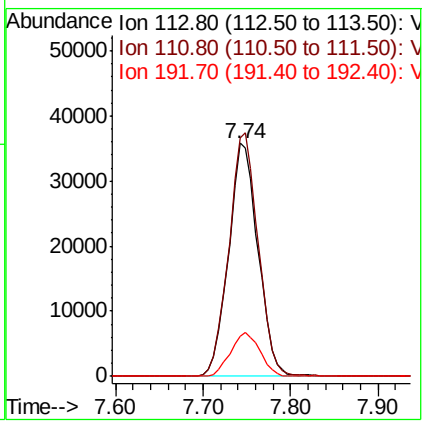


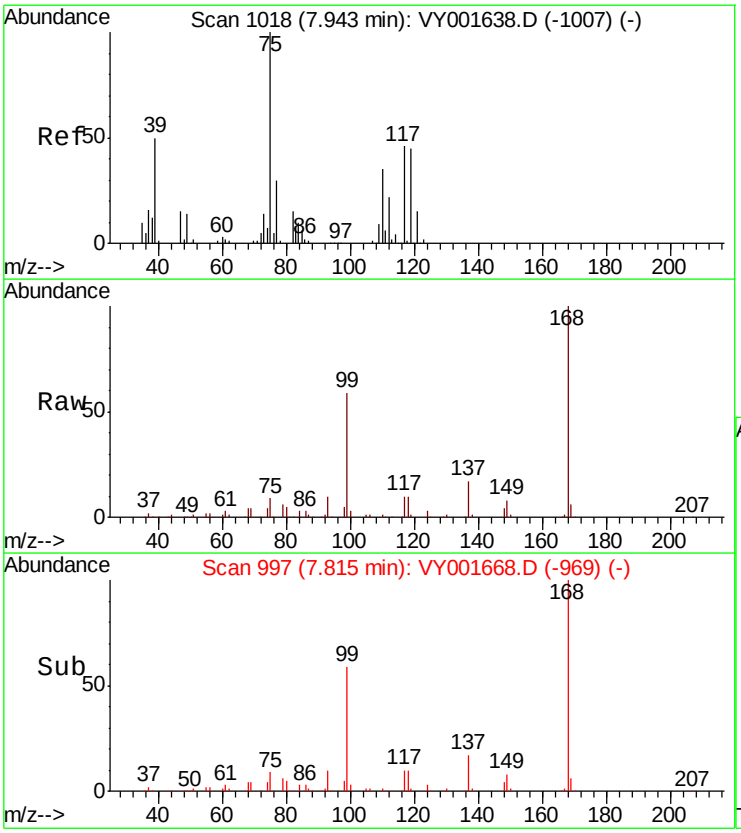

#35
Dibromofluoromethane
Concen: 51.187 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

**Instrument :**
MSVOA_Y
**ClientSampleId :**
INDIAN-ISLAND-(10)

Tgt Ion:113 Resp: 83845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.0 | 81.9 | 122.9 |
| 192 | 18.9 | 14.3 | 21.5 |

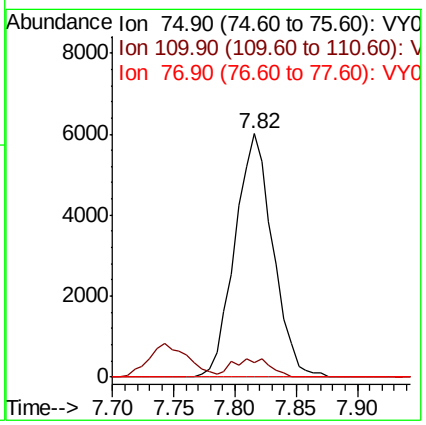


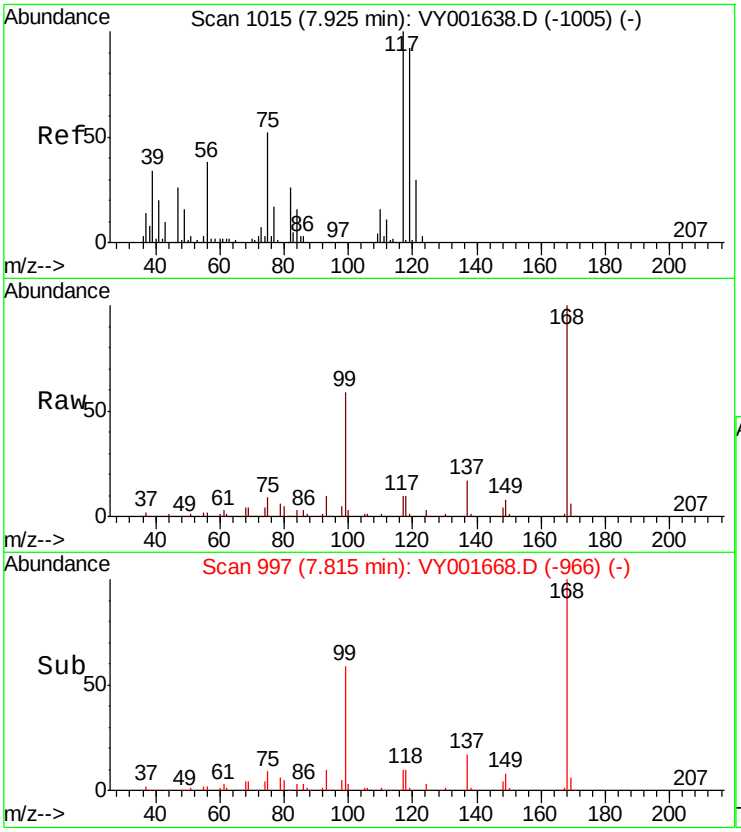




#36
1,1-Dichloropropene
Concen: 4.732 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.13 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

Tgt Ion: 75 Resp: 12926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 7.3 | 17.2 | 51.6# |
| 77 | 0.0 | 24.8 | 37.2# |



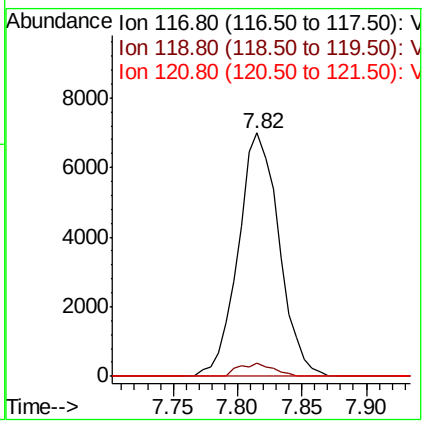


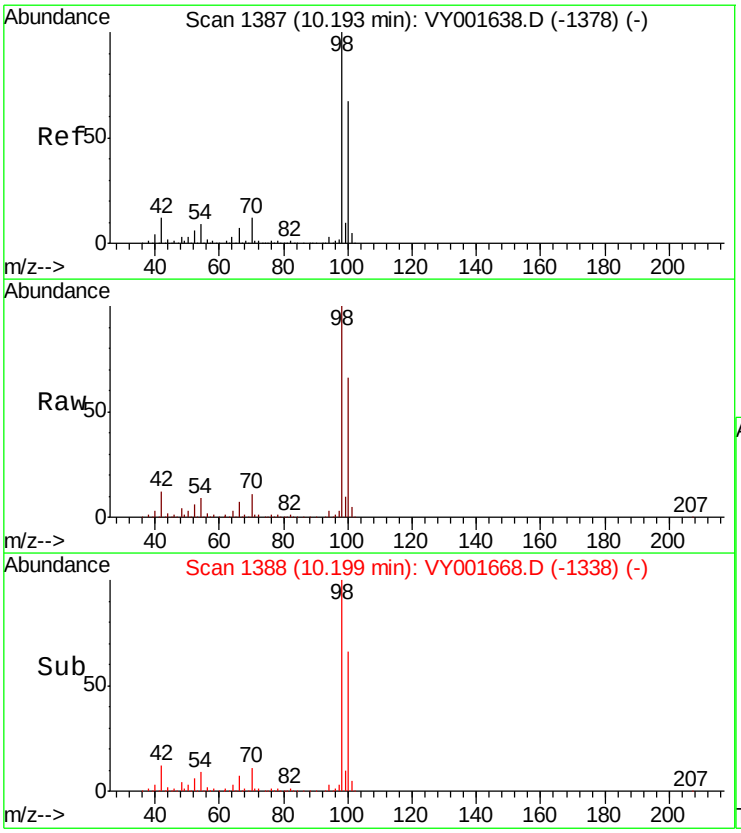

#38
Carbon Tetrachloride
Concen: 6.393 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

**Instrument :**
MSVOA_Y
**ClientSampleId :**
INDIAN-ISLAND-(10)

Tgt Ion:117 Resp: 15340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.3 | 74.8 | 112.2# |
| 121 | 0.0 | 23.8 | 35.6# |

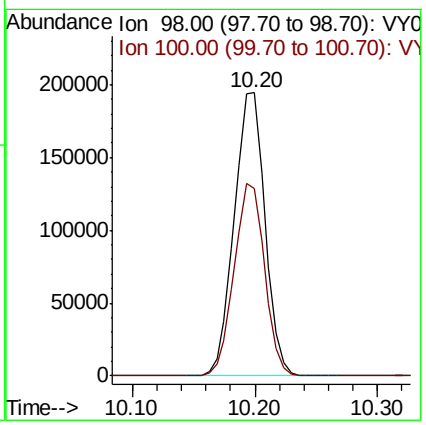


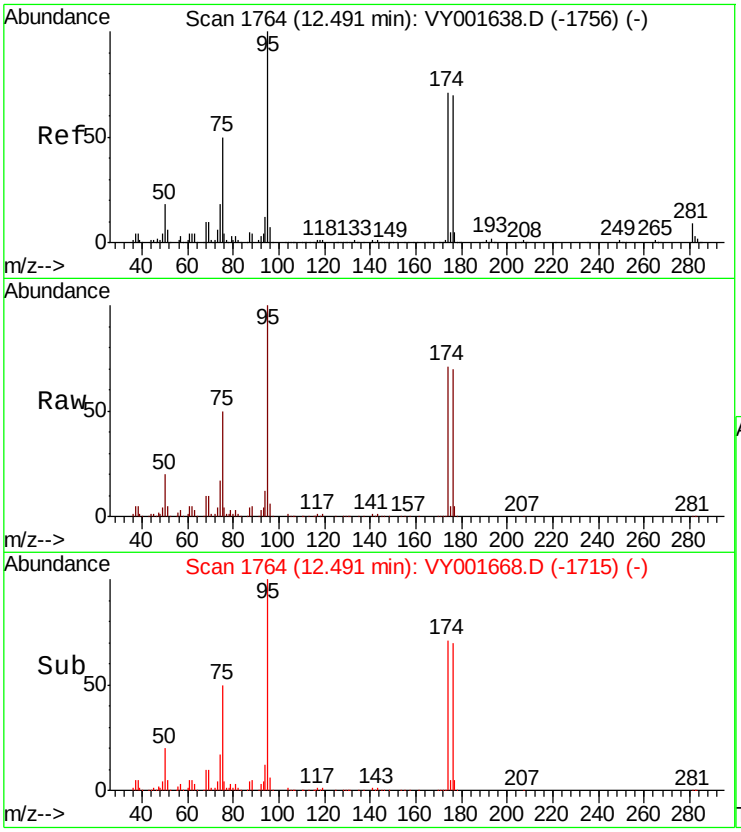




#50
Toluene-d8
Concen: 52.906 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

Tgt Ion: 98 Resp: 339511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.1 | 53.0 | 79.4 |



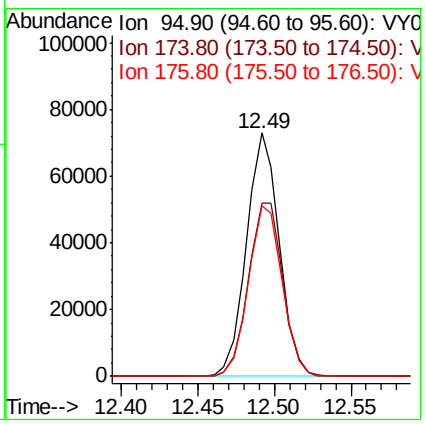


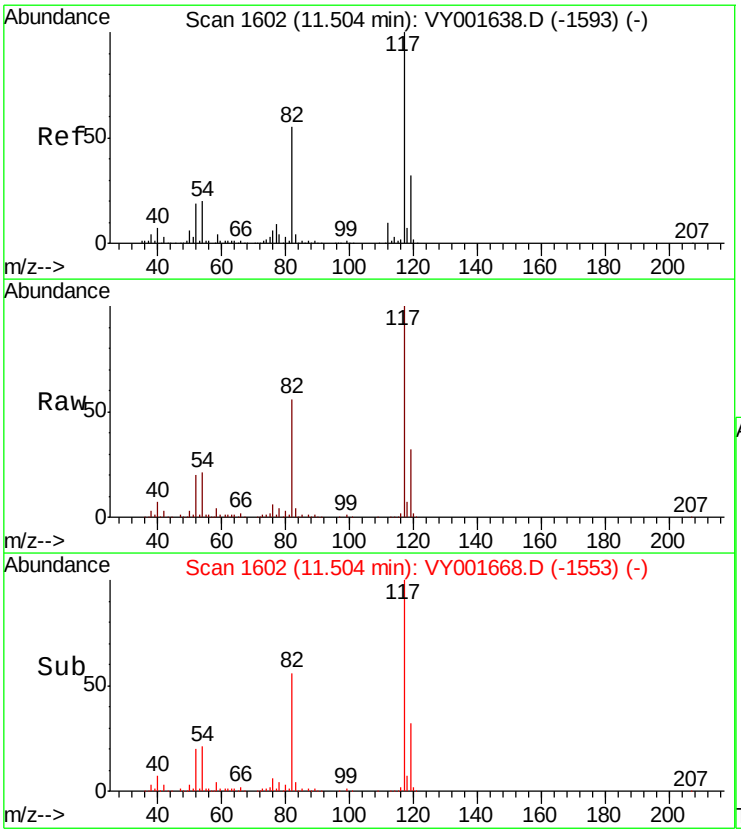

#62
4-Bromofluorobenzene
Concen: 43.477 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

**Instrument :**
MSVOA_Y
**ClientSampleId :**
INDIAN-ISLAND-(10)

Tgt Ion: 95 Resp: 108391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.1 | 0.0 | 138.4 |
| 176 | 72.3 | 0.0 | 131.8 |

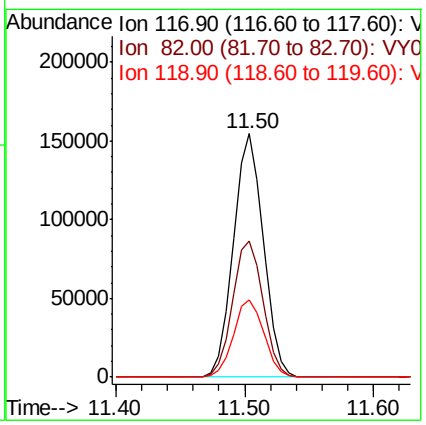


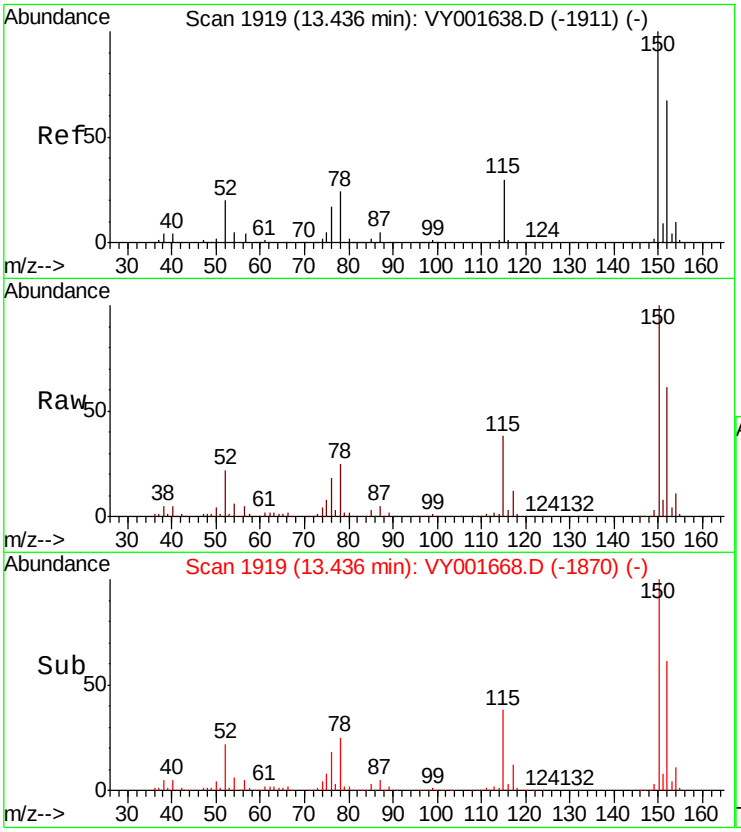




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

Tgt Ion:117 Resp: 249054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.1 | 45.5 | 68.3 |
| 119 | 31.7 | 25.8 | 38.6 |



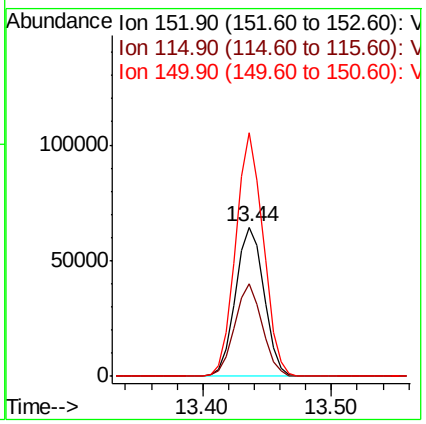


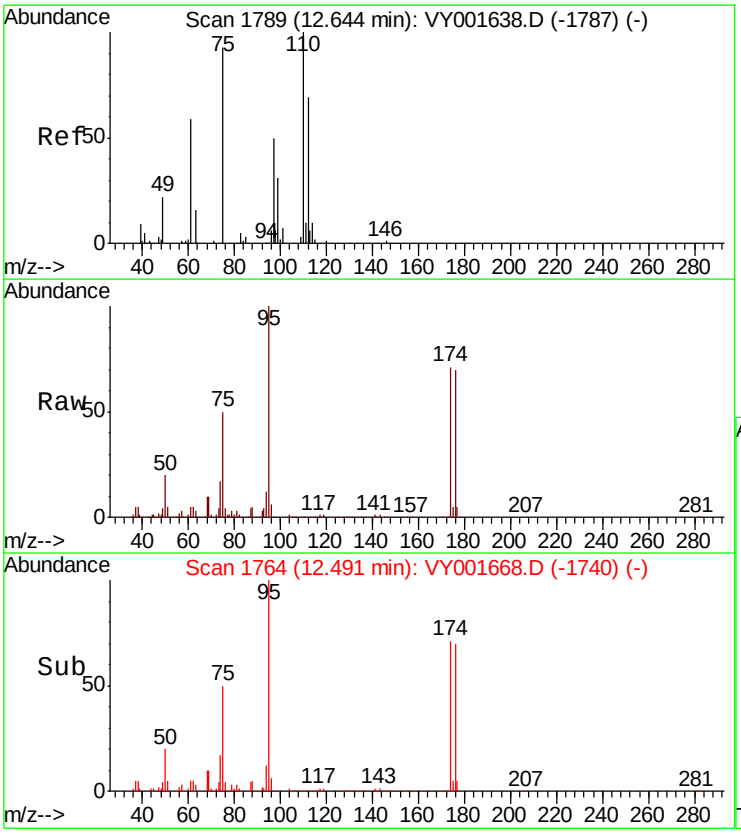

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

**Instrument :**
MSVOA_Y
**ClientSampleId :**
INDIAN-ISLAND-(10)

Tgt Ion:152 Resp: 98872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.1 | 31.4 | 94.2 |
| 150 | 158.1 | 0.0 | 407.2 |

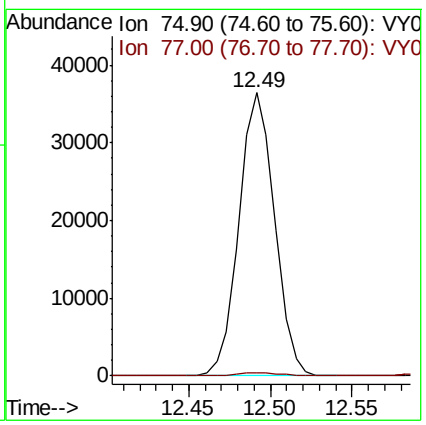


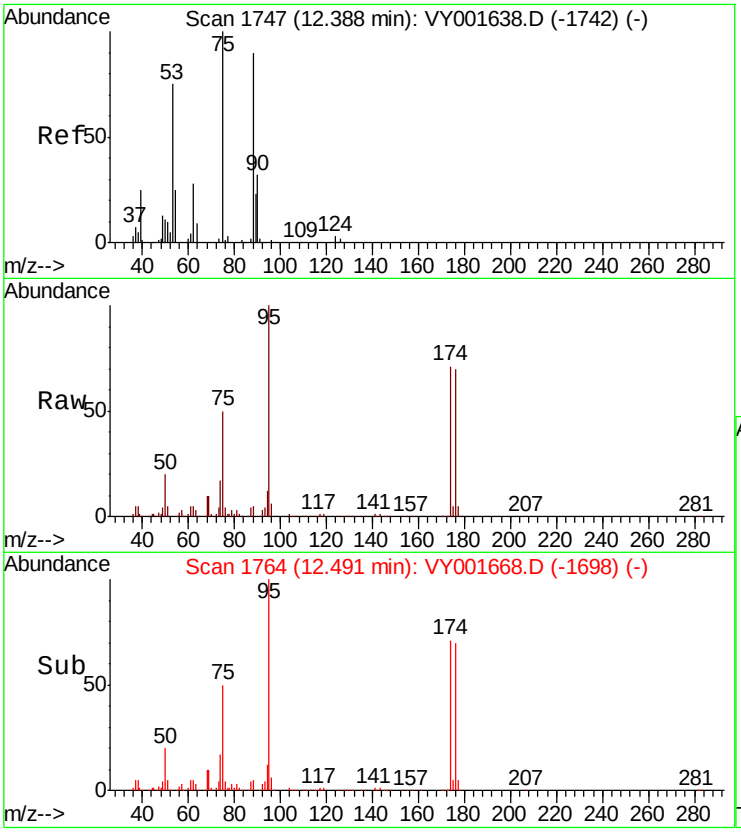




#76
1,2,3-Trichloropropane
Concen: 48.867 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

Tgt Ion: 75 Resp: 55424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.4 | 0.0 | 0.0# |






#81
trans-1,4-Dichloro-2-butene
Concen: 92.708 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

**Instrument :**
MSVOA_Y
**ClientSampleId :**
INDIAN-ISLAND-(10)

Tgt Ion: 75 Resp: 55424

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