Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY072220\
Data File : VY003302.D
Acq On : 22 Jul 2020 20:45
Operator : SY/MD
Sample : L3308-18
Misc : 5.04G/5ML/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** 18RE

Quant Time: Jul 23 05:45:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.80 | 168 | 341610 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.69 | 114 | 531475 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.49 | 117 | 494542 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152 | 242039 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.15 | 65 | 173768 | 60.27 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 120.54% | | | |
| 35) Dibromofluoromethane | 7.73 | 113 | 166359 | 54.39 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 108.78% | | | |
| 50) Toluene-d8 | 10.18 | 98 | 647450 | 56.94 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 113.88% | | | |
| 62) 4-Bromofluorobenzene | 12.48 | 95 | 207349 | 50.48 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 100.96% | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 16) Acetone | 3.96 | 43 | 1288 | 2.000 | ug/l | | 96 |
| 20) Methylene Chloride | 4.72 | 84 | 39699 | 7.590 | ug/l | | 93 |
| 31) Cyclohexane | 7.79 | 56 | 6354 | 1.212 | ug/l | # | 10 |
| 36) 1,1-Dichloropropene | 7.80 | 75 | 25018 | 5.194 | ug/l | # | 50 |
| 38) Carbon Tetrachloride | 7.80 | 117 | 31653 | 6.365 | ug/l | # | 17 |
| 51) 4-Methyl-2-Pentanone | 10.18 | 43 | 2860 | 1.096 | ug/l | # | 1 |
| 76) 1,2,3-Trichloropropane | 12.48 | 75 | 106114 | 49.529 | ug/l | # | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.48 | 75 | 106114 | 96.393 | ug/l | # | 13 |

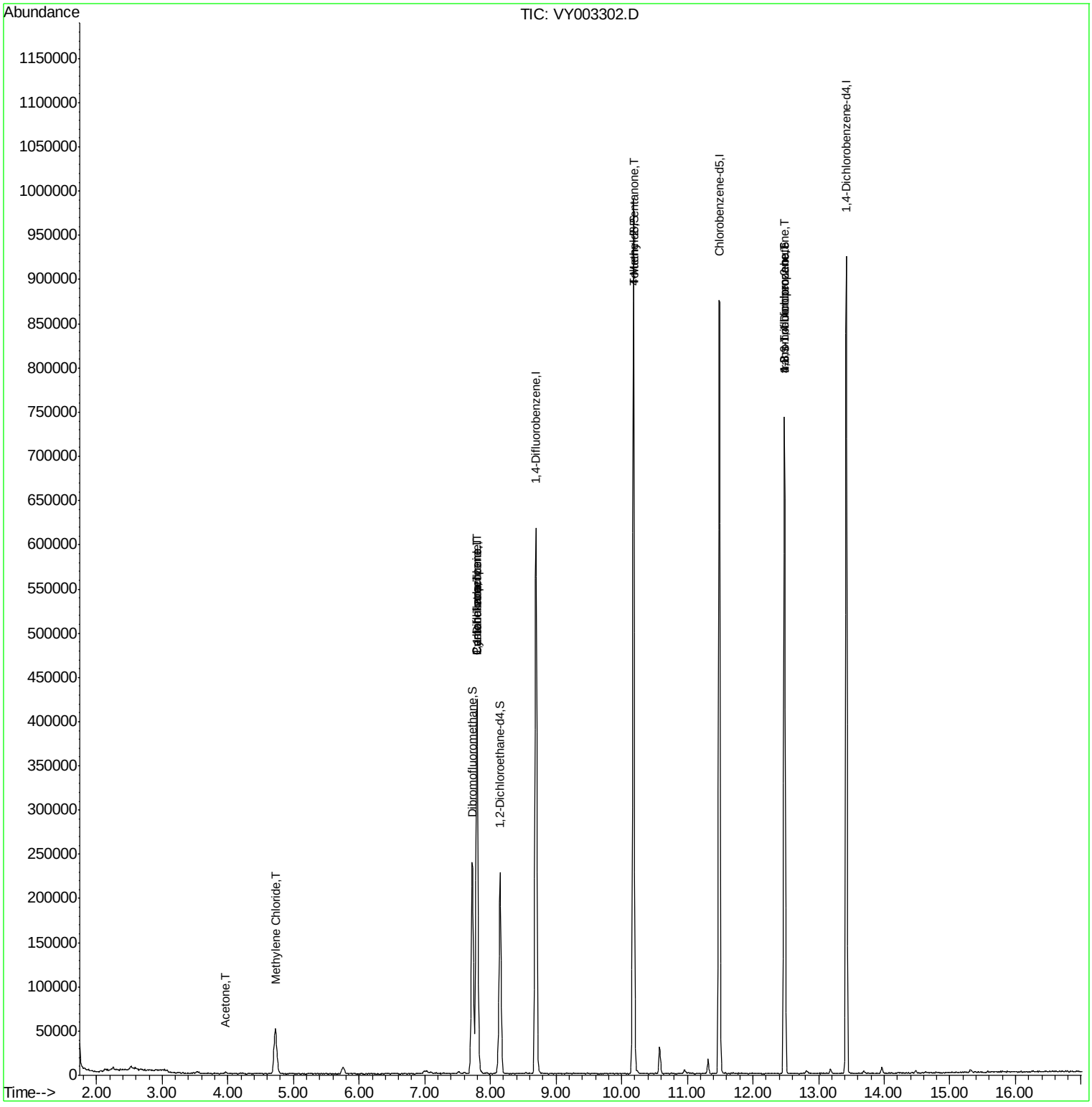
(#) = qualifier out of range (m) = manual integration (+) = signals summed

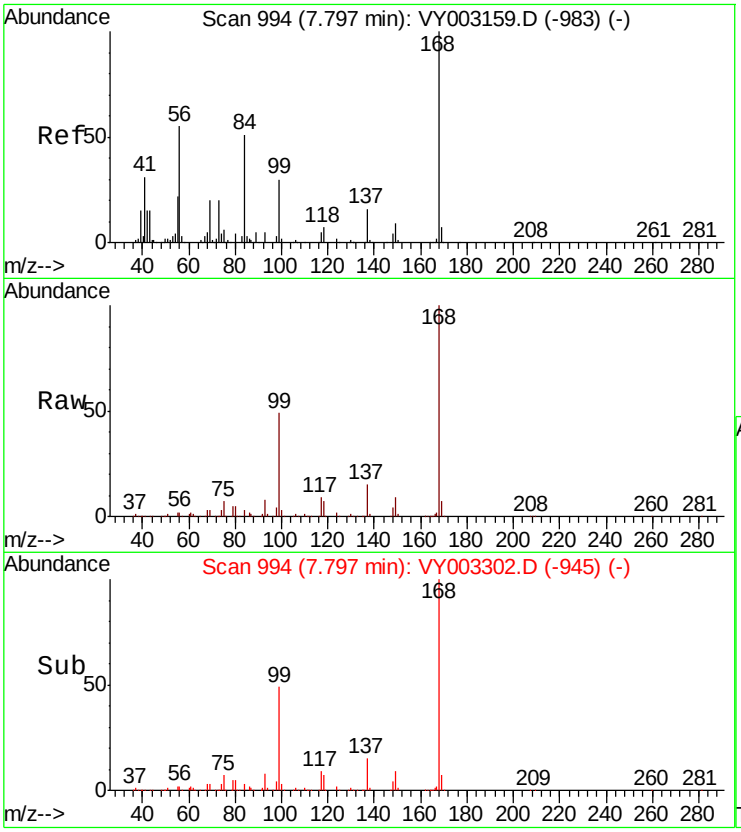
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY072220\
Data File : VY003302.D
Acq On : 22 Jul 2020 20:45
Operator : SY/MD
Sample : L3308-18
Misc : 5.04G/5ML/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** 18RE

Quant Time: Jul 23 05:45:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration



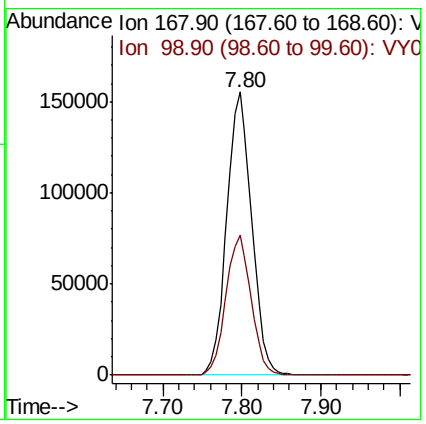


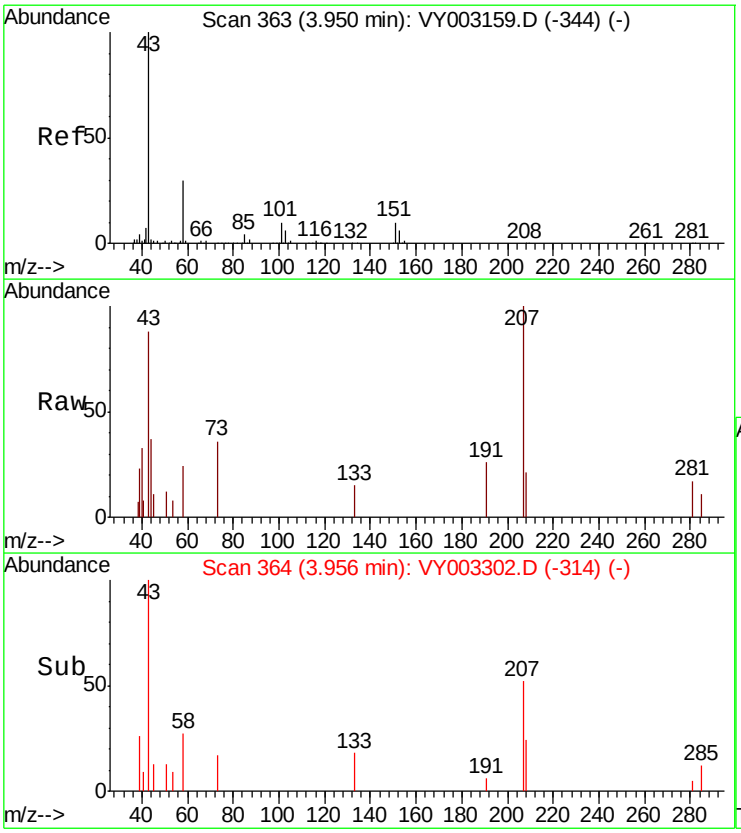

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY003302.D
Acq: 22 Jul 2020 20:45

**Instrument :**
MSVOA_Y
**ClientSampleId :**
18RE

Tgt Ion:168 Resp: 341610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 49.5 | 37.3 | 55.9 |

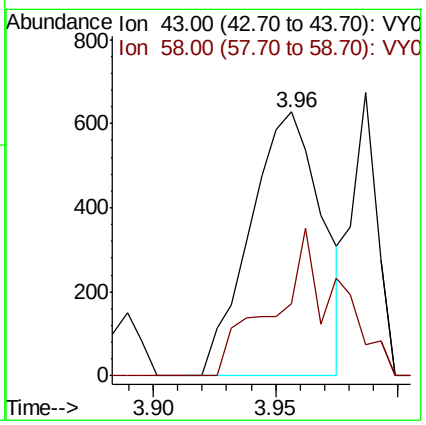


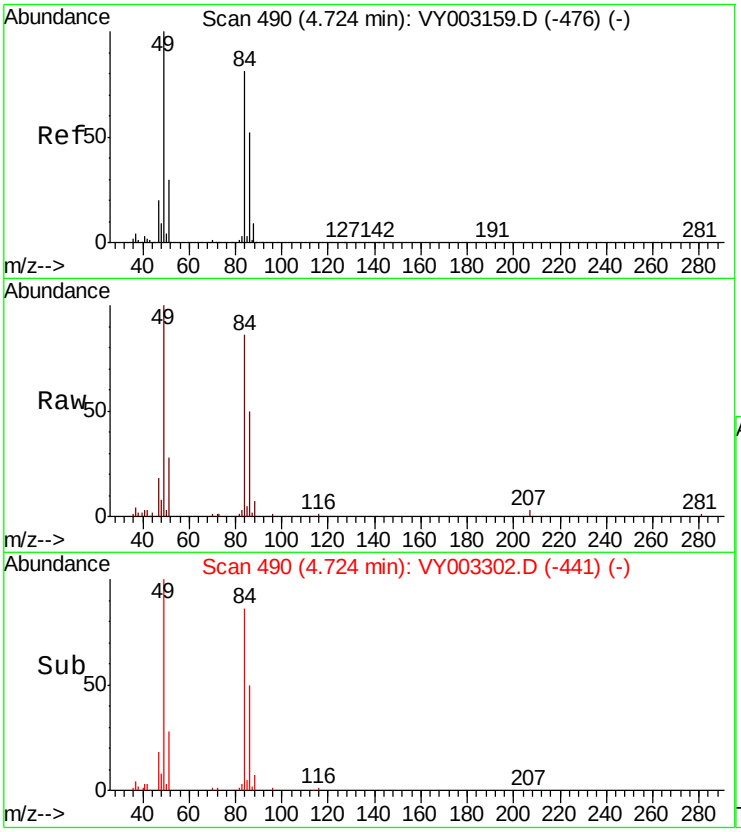




#16
Acetone
Concen: 2.000 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003302.D
Acq: 22 Jul 2020 20:45

Tgt Ion: 43 Resp: 1288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.4 | 23.8 | 35.6 |



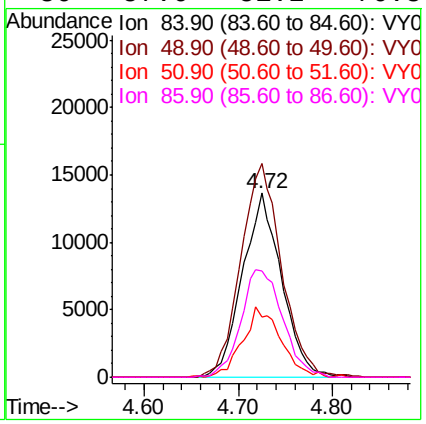


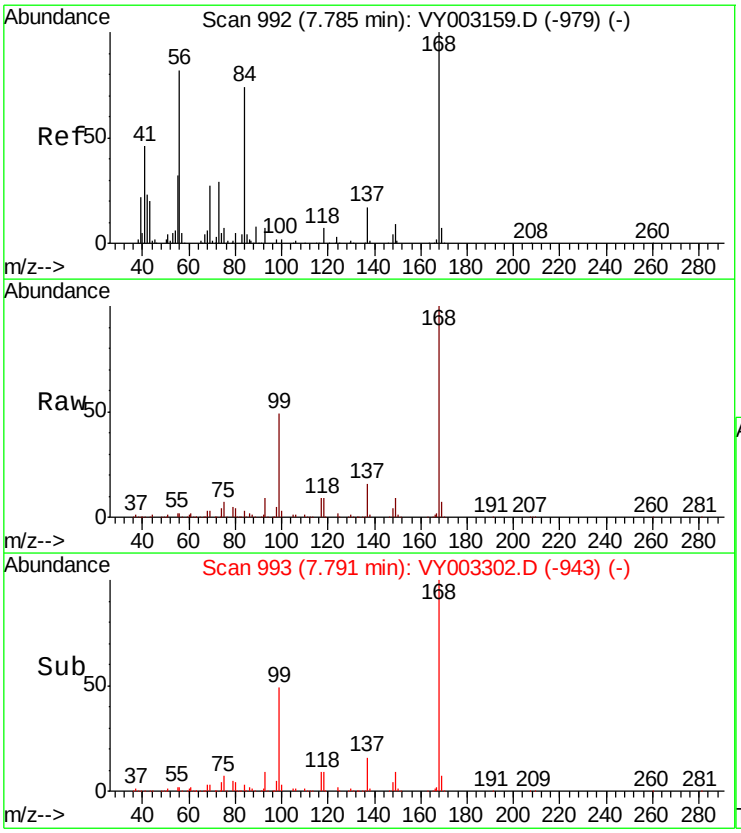

#20
Methylene Chloride
Concen: 7.590 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003302.D
Acq: 22 Jul 2020 20:45

**Instrument :** MSVOA_Y
**ClientSampleId :** 18RE

Tgt Ion: 84 Resp: 39699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 116.2 | 98.2 | 147.4 |
| 51 | 32.8 | 29.8 | 44.6 |
| 86 | 57.6 | 51.2 | 76.8 |

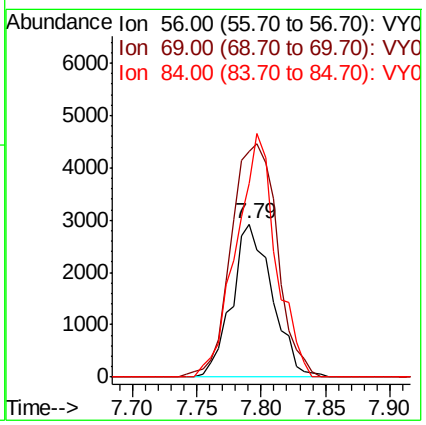


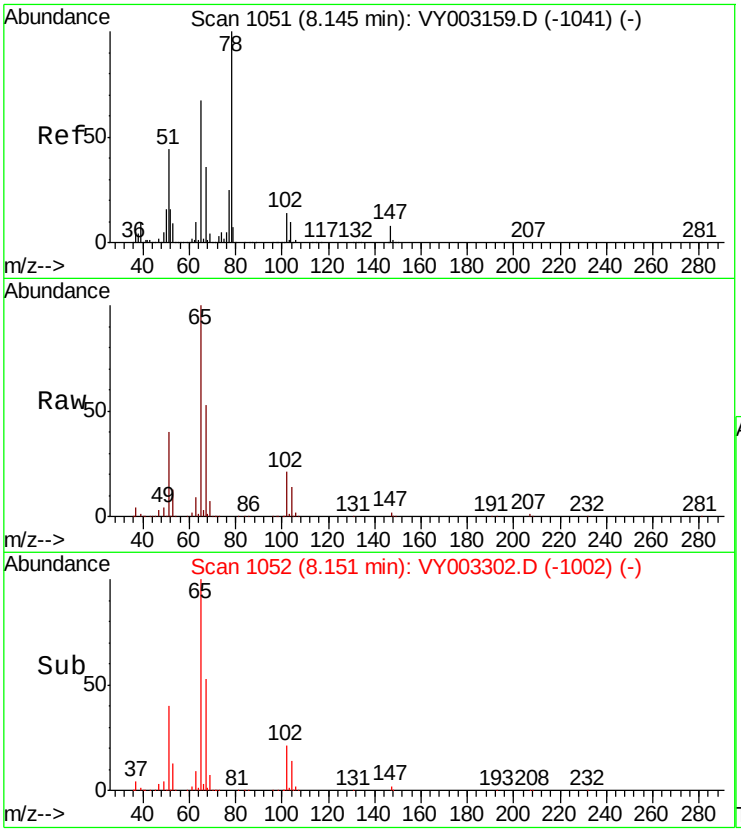




#31
Cyclohexane
Concen: 1.212 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003302.D
Acq: 22 Jul 2020 20:45

Tgt Ion: 56 Resp: 6354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 147.8 | 26.7 | 40.1# |
| 84 | 135.9 | 72.3 | 108.5# |



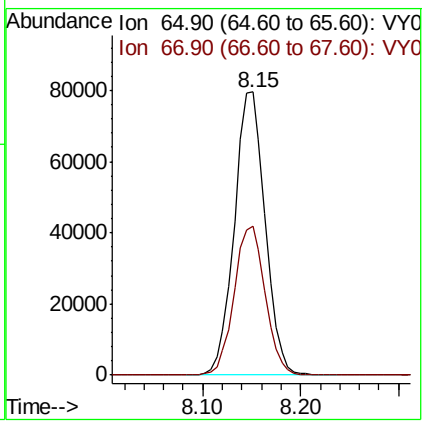


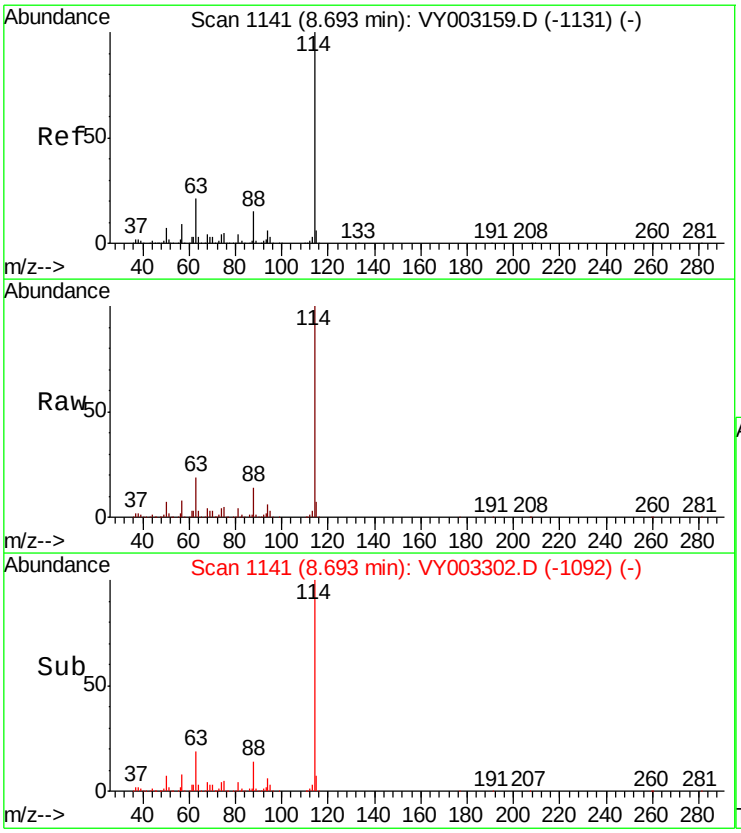

#33
1,2-Dichloroethane-d4
Concen: 60.267 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003302.D
Acq: 22 Jul 2020 20:45

**Instrument :**
MSVOA_Y
**ClientSampleId :**
18RE

Tgt Ion: 65 Resp: 173768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.2 | 0.0 | 105.2 |

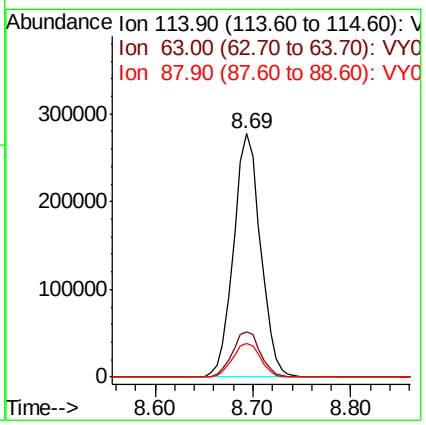


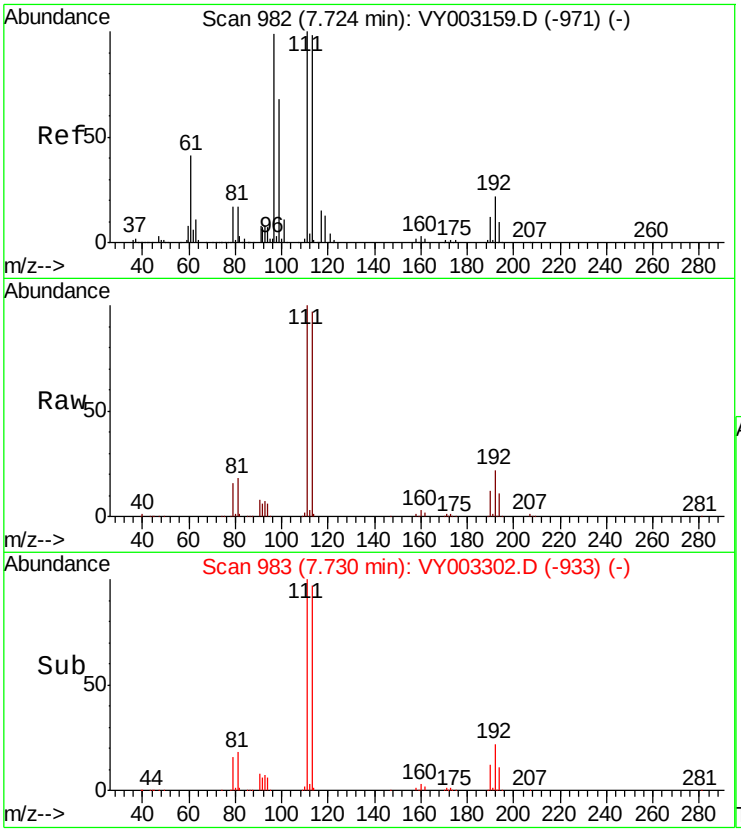




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003302.D
Acq: 22 Jul 2020 20:45

Tgt Ion:114 Resp: 531475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.5 | 0.0 | 41.2 |
| 88 | 13.8 | 0.0 | 30.2 |



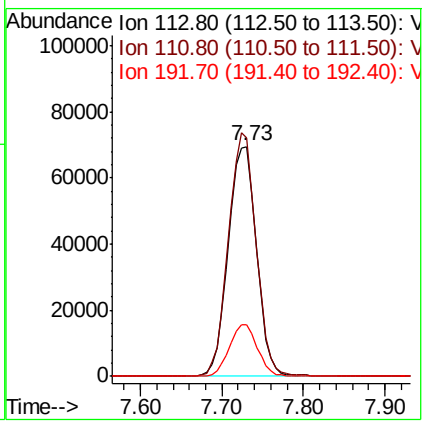


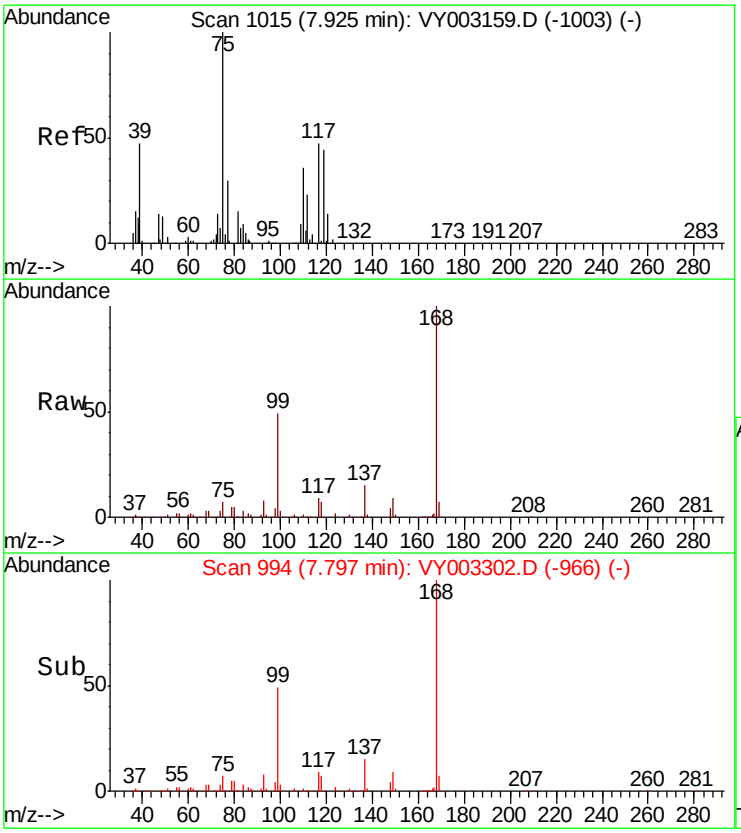

#35
Dibromofluoromethane
Concen: 54.392 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY003302.D
Acq: 22 Jul 2020 20:45

**Instrument :**
MSVOA_Y
**ClientSampleId :**
18RE

Tgt Ion:113 Resp: 166359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.2 | 82.1 | 123.1 |
| 192 | 22.2 | 18.8 | 28.2 |

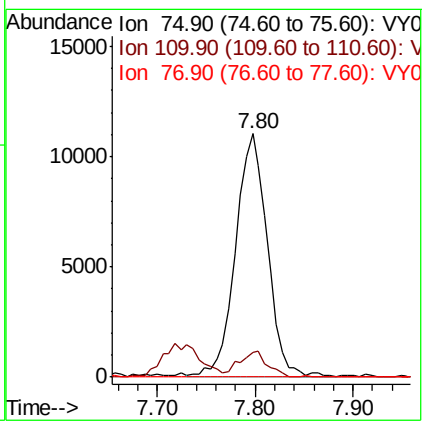


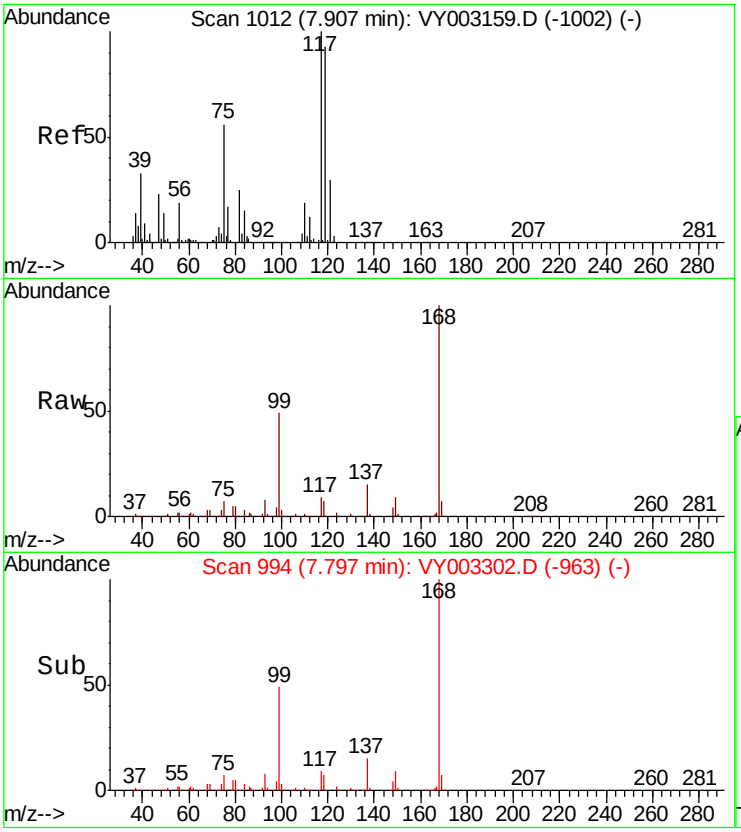




#36
1,1-Dichloropropene
Concen: 5.194 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY003302.D
Acq: 22 Jul 2020 20:45

Tgt Ion: 75 Resp: 25018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.5 | 18.1 | 54.1# |
| 77 | 0.0 | 24.8 | 37.2# |



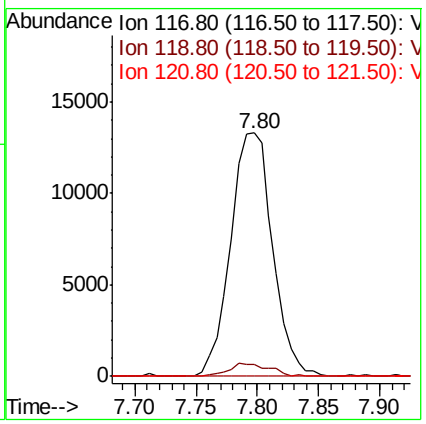


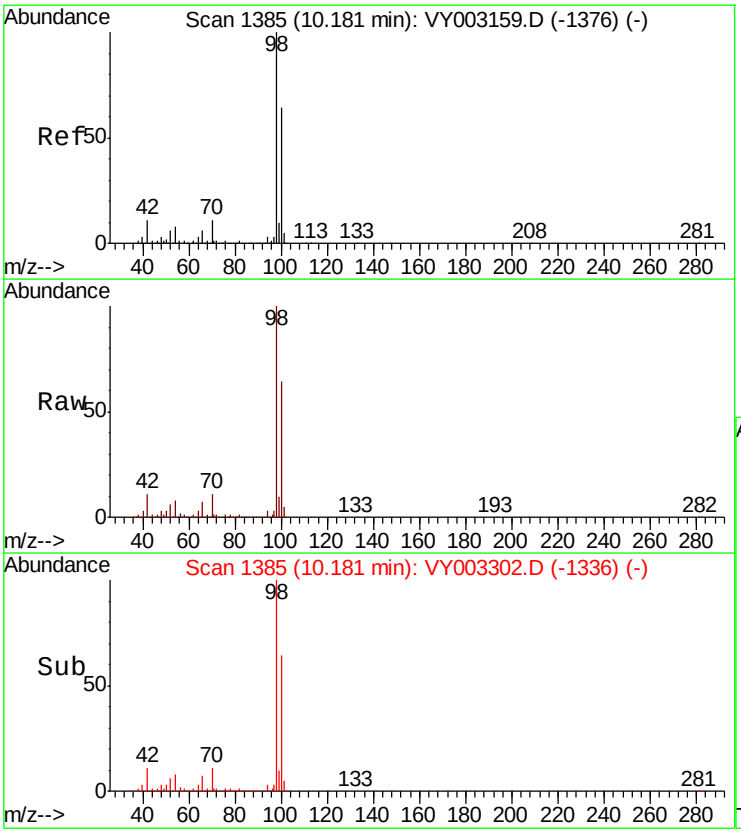

#38
Carbon Tetrachloride
Concen: 6.365 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003302.D
Acq: 22 Jul 2020 20:45

**Instrument :**
MSVOA_Y
**ClientSampleId :**
18RE

Tgt Ion:117 Resp: 31653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.1 | 74.5 | 111.7# |
| 121 | 0.0 | 24.2 | 36.2# |

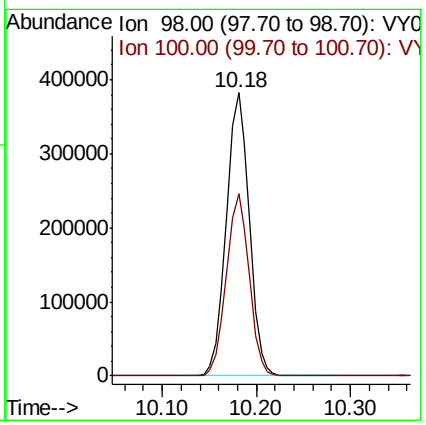


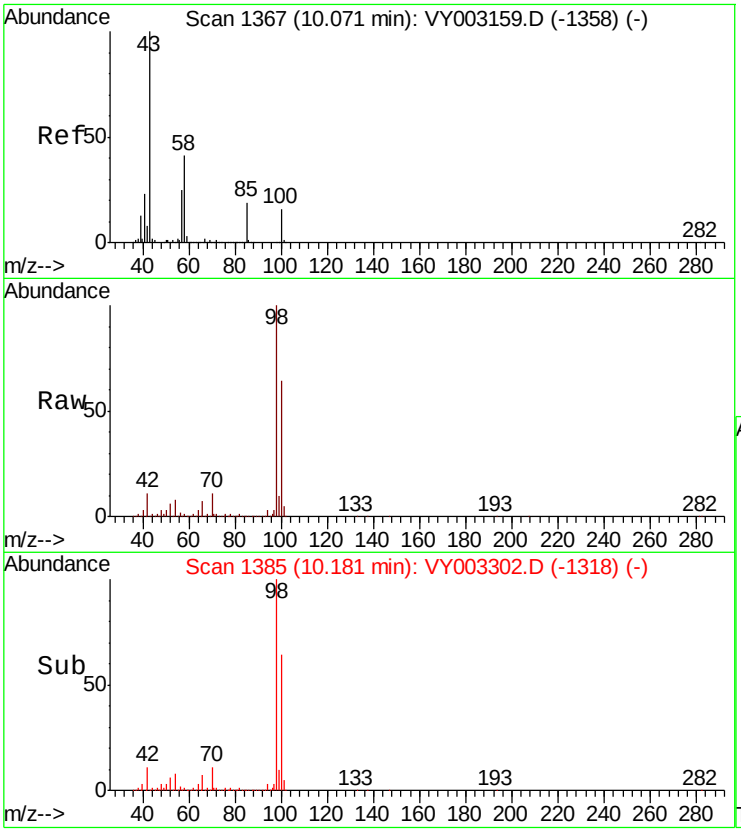




#50
Toluene-d8
Concen: 56.939 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003302.D
Acq: 22 Jul 2020 20:45

Tgt Ion: 98 Resp: 647450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.7 | 50.7 | 76.1 |



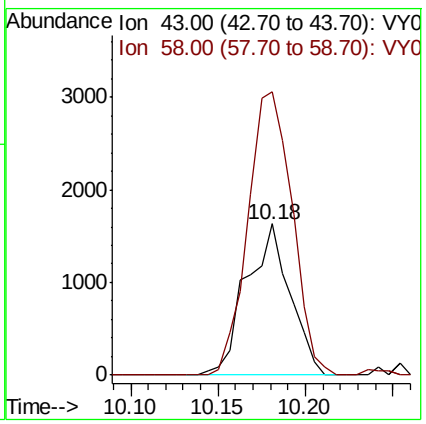


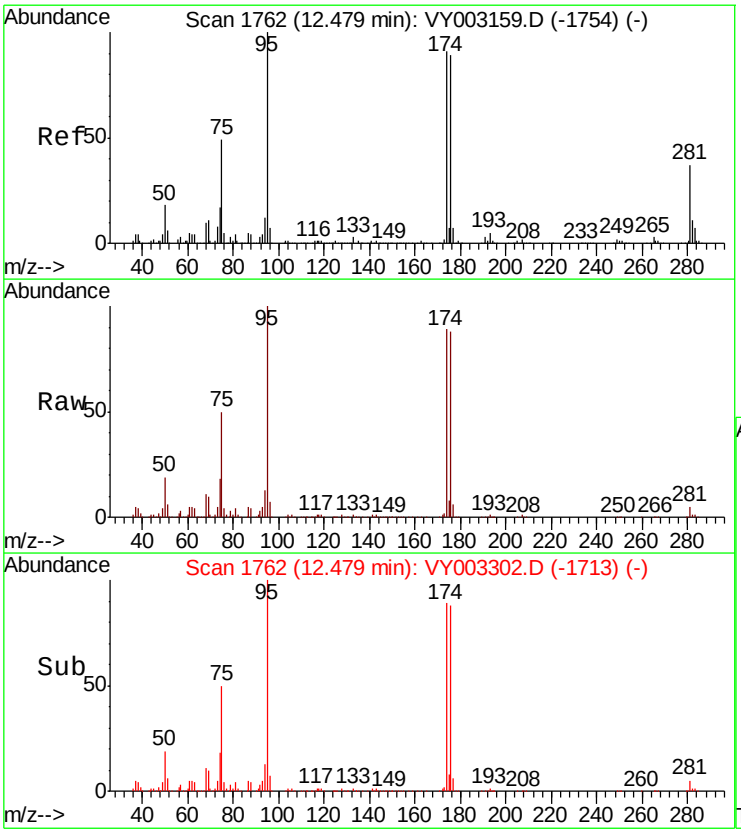

#51
4-Methyl-2-Pentanone
Concen: 1.096 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.11 min
Lab File: VY003302.D
Acq: 22 Jul 2020 20:45

**Instrument :** MSVOA_Y
**ClientSampleId :** 18RE

Tgt Ion: 43 Resp: 2860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 188.3 | 32.7 | 49.1# |

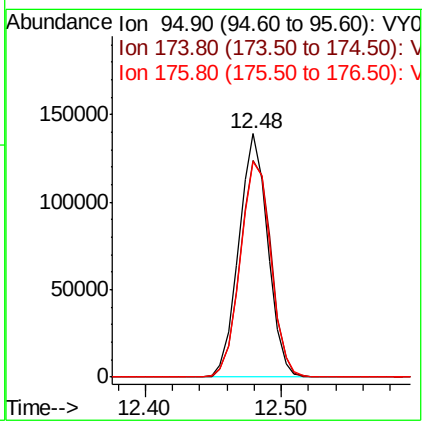


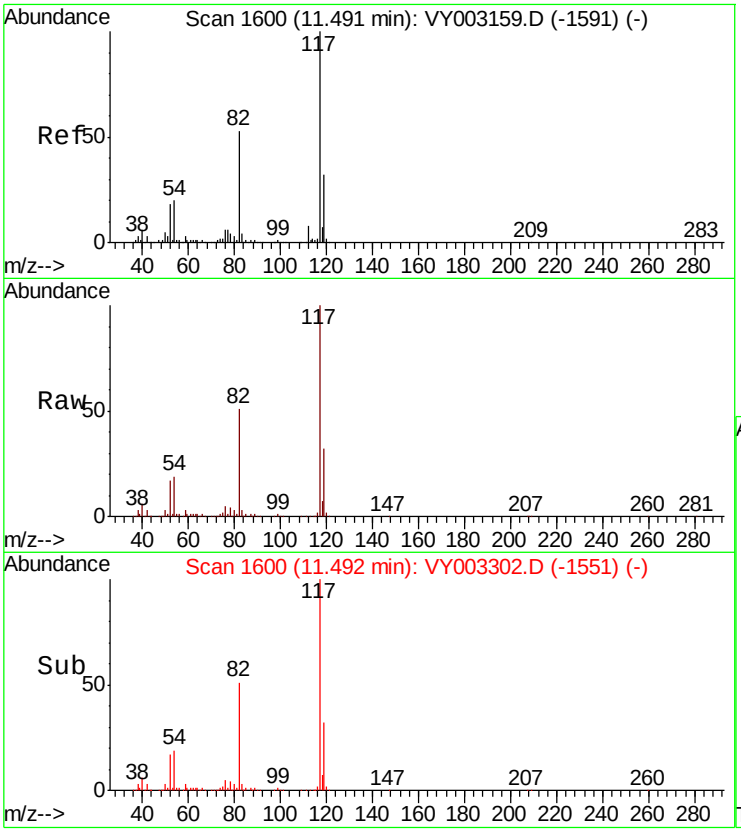




#62
4-Bromofluorobenzene
Concen: 50.476 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003302.D
Acq: 22 Jul 2020 20:45

Tgt Ion: 95 Resp: 207349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 94.7 | 0.0 | 190.6 |
| 176 | 93.1 | 0.0 | 186.4 |



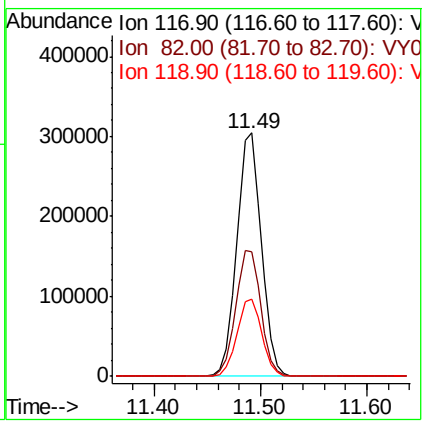


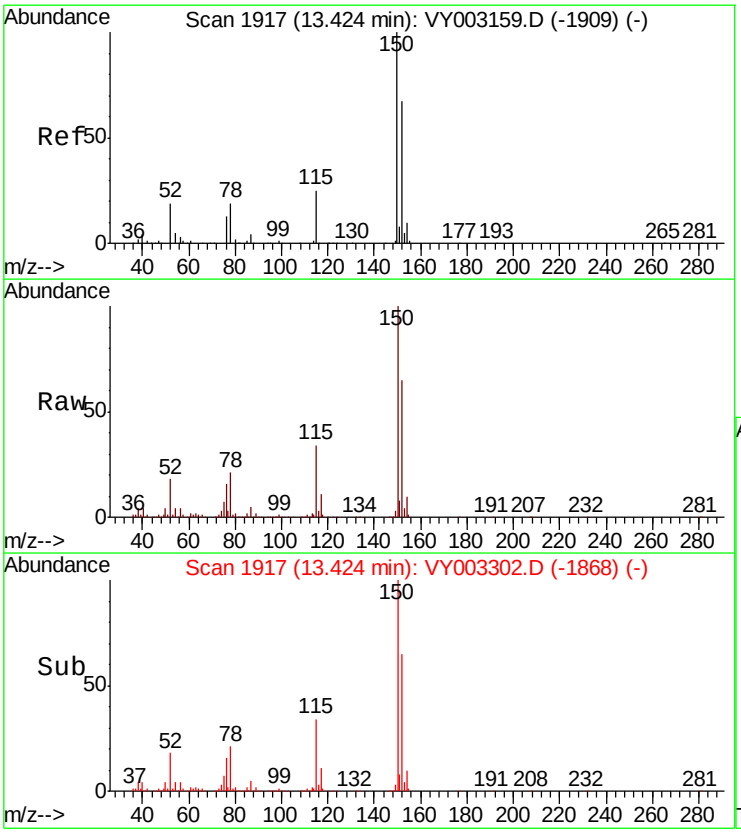

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003302.D
Acq: 22 Jul 2020 20:45

**Instrument :** MSVOA_Y
**ClientSampleId :** 18RE

Tgt Ion:117 Resp: 494542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.2 | 42.0 | 63.0 |
| 119 | 31.6 | 25.5 | 38.3 |

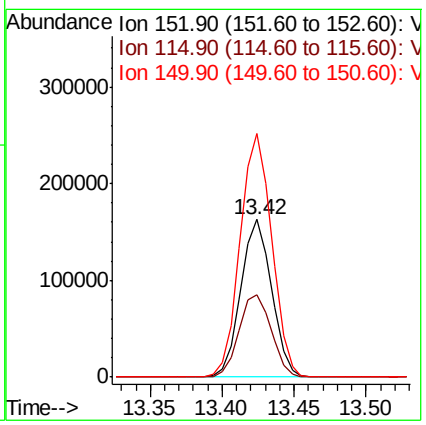


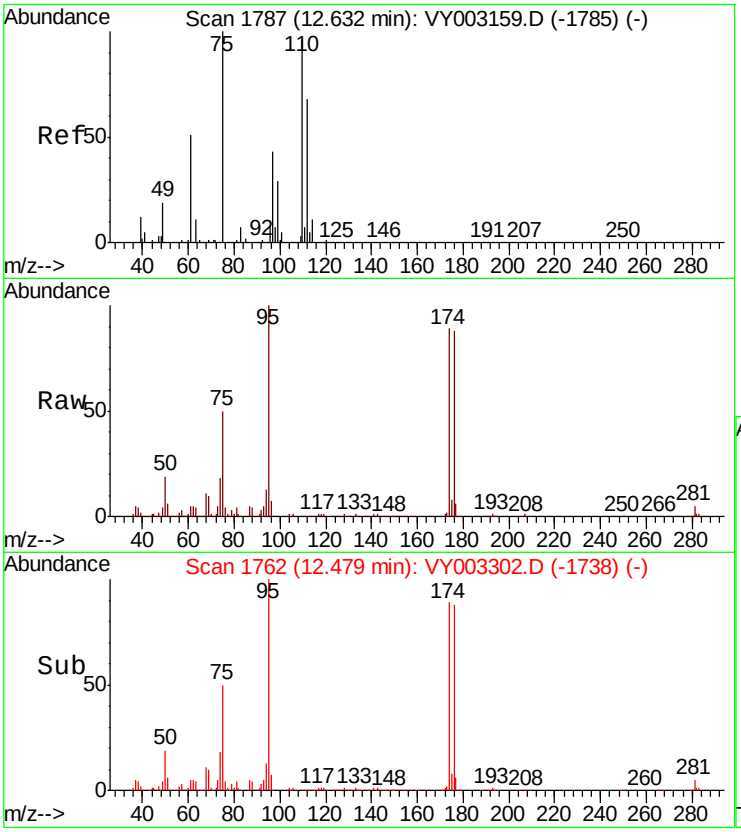




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003302.D
Acq: 22 Jul 2020 20:45

Tgt Ion:152 Resp: 242039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.4 | 26.9 | 80.7 |
| 150 | 157.9 | 0.0 | 338.0 |



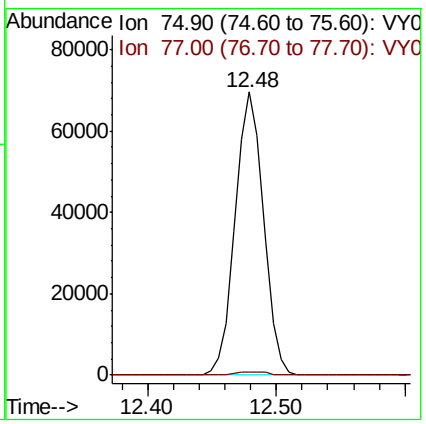


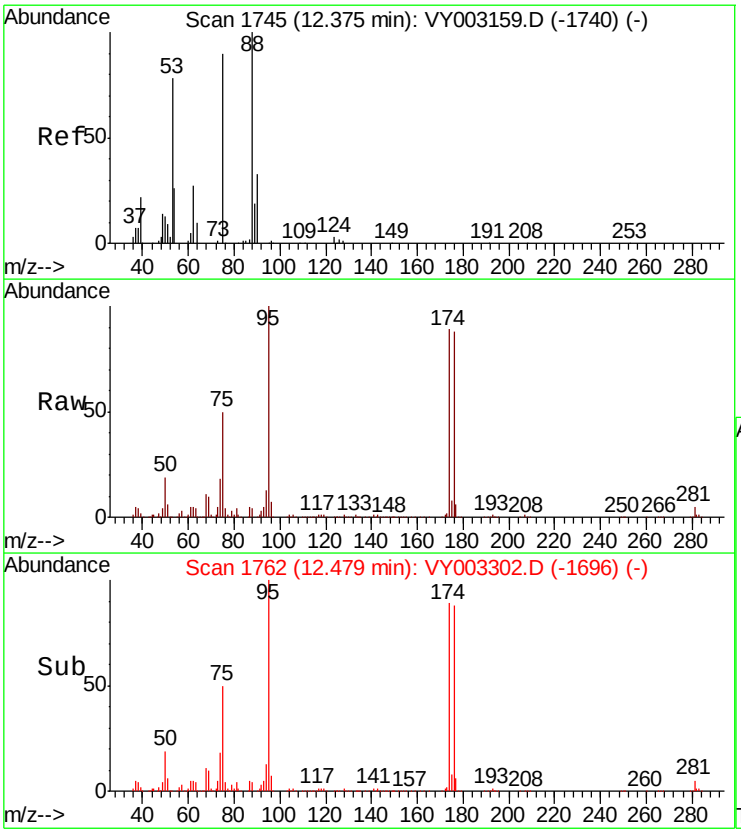

#76
1,2,3-Trichloropropane
Concen: 49.529 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003302.D
Acq: 22 Jul 2020 20:45

**Instrument :**
MSVOA_Y
**ClientSampleId :**
18RE

Tgt Ion: 75 Resp: 106114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.6 | 0.0 | 0.0# |




#81
trans-1,4-Dichloro-2-butene
Concen: 96.393 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003302.D
Acq: 22 Jul 2020 20:45

Tgt Ion: 75 Resp: 106114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.2 | 72.0 | 108.0# |
| 89 | 0.0 | 37.3 | 55.9# |