Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY072720\
Data File : VY003362.D
Acq On : 27 Jul 2020 17:51
Operator : SY/MD
Sample : L3451-02
Misc : 6.91G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** FK-GF-03-015-A

Quant Time: Jul 28 05:06:29 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 | 426008 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.69 | 114 | 673135 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.49 | 117 | 604913 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152 | 265644 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.15 | 65 | 218632 | 60.80 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 121.60% | | | |
| 35) Dibromofluoromethane | 7.72 | 113 | 207595 | 53.59 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 107.18% | | | |
| 50) Toluene-d8 | 10.18 | 98 | 811805 | 56.37 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 112.74% | | | |
| 62) 4-Bromofluorobenzene | 12.48 | 95 | 249938 | 48.04 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 96.08% | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 2.12 | 50 | 8095 | 1.911 | ug/l | | 93 |
| 11) Tert butyl alcohol | 4.96 | 59 | 489 | 1.258 | ug/l | # | 72 |
| 16) Acetone | 3.96 | 43 | 8493 | 10.574 | ug/l | | 97 |
| 17) Carbon Disulfide | 4.21 | 76 | 26368 | 2.424 | ug/l | | 97 |
| 31) Cyclohexane | 7.79 | 56 | 8277 | 1.266 | ug/l | # | 5 |
| 36) 1,1-Dichloropropene | 7.79 | 75 | 28865 | 4.731 | ug/l | # | 50 |
| 38) Carbon Tetrachloride | 7.80 | 117 | 38086 | 6.047 | ug/l | # | 17 |
| 76) 1,2,3-Trichloropropane | 12.48 | 75 | 130386 | 55.450 | ug/l | # | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.48 | 75 | 130386 | 107.917 | ug/l | # | 13 |

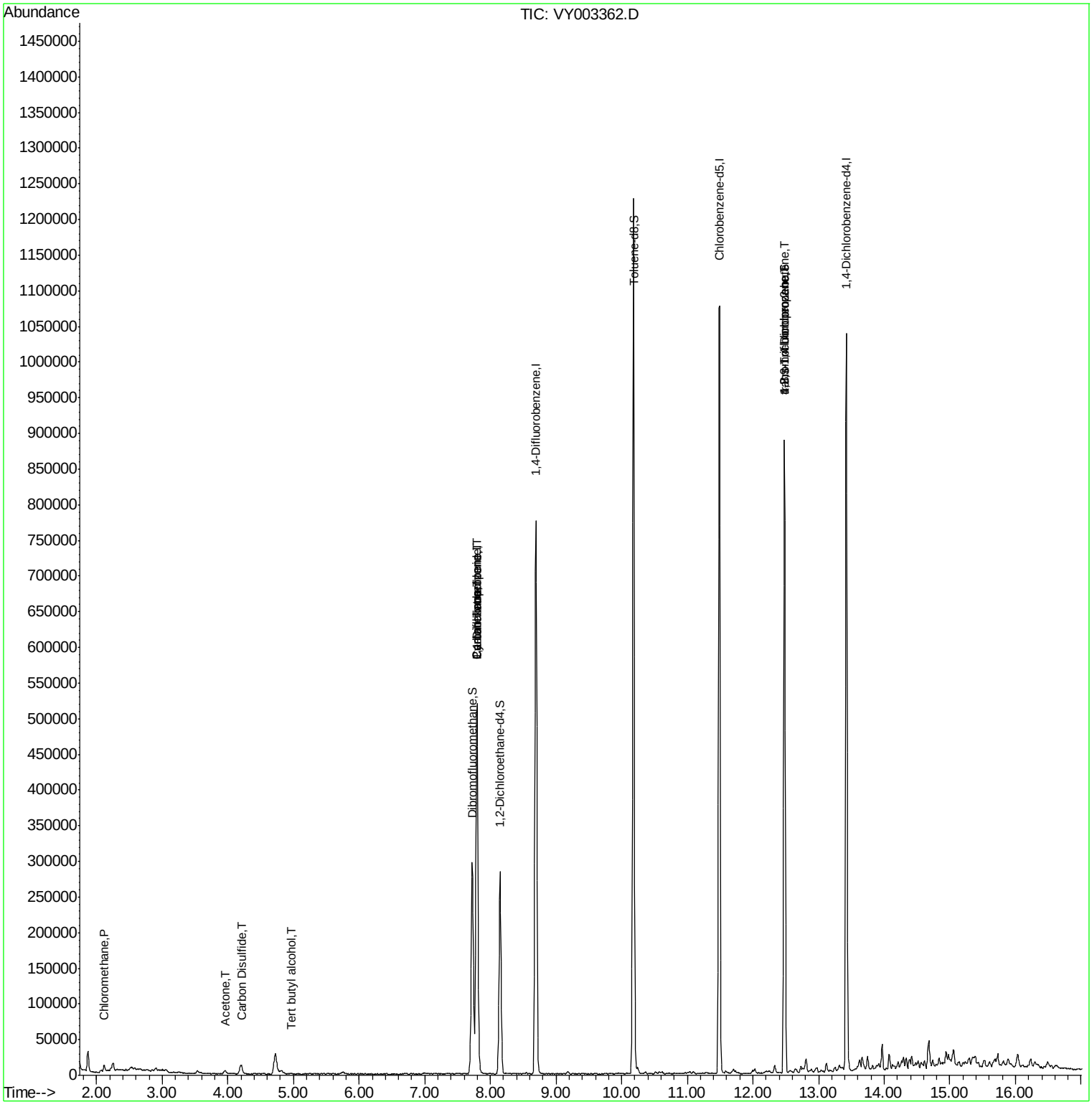
(#) = qualifier out of range (m) = manual integration (+) = signals summed

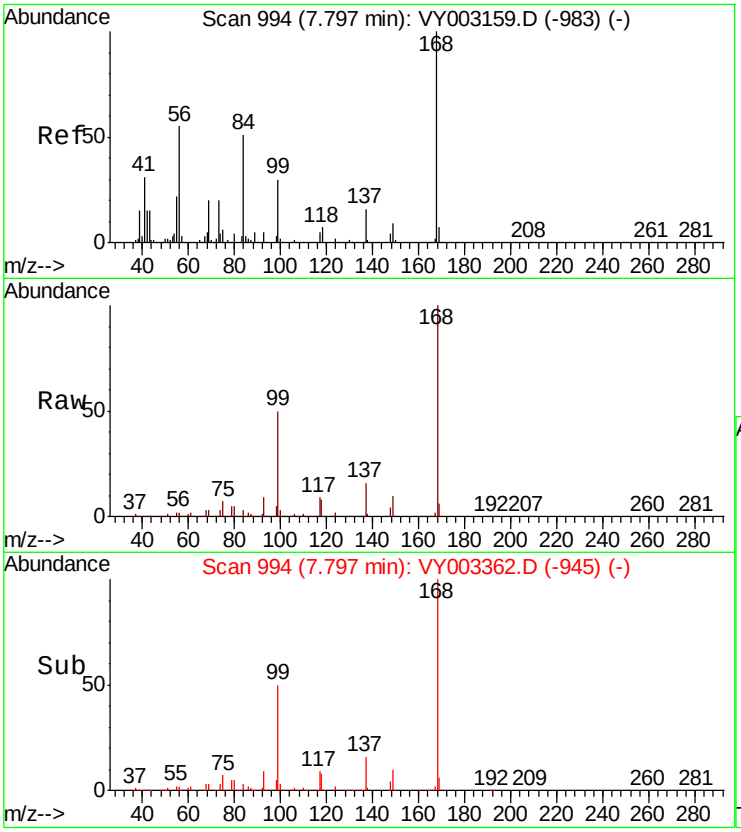
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY072720\
Data File : VY003362.D
Acq On : 27 Jul 2020 17:51
Operator : SY/MD
Sample : L3451-02
Misc : 6.91G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** FK-GF-03-015-A

Quant Time: Jul 28 05:06:29 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



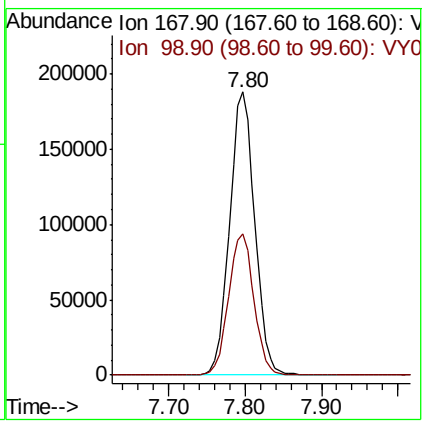


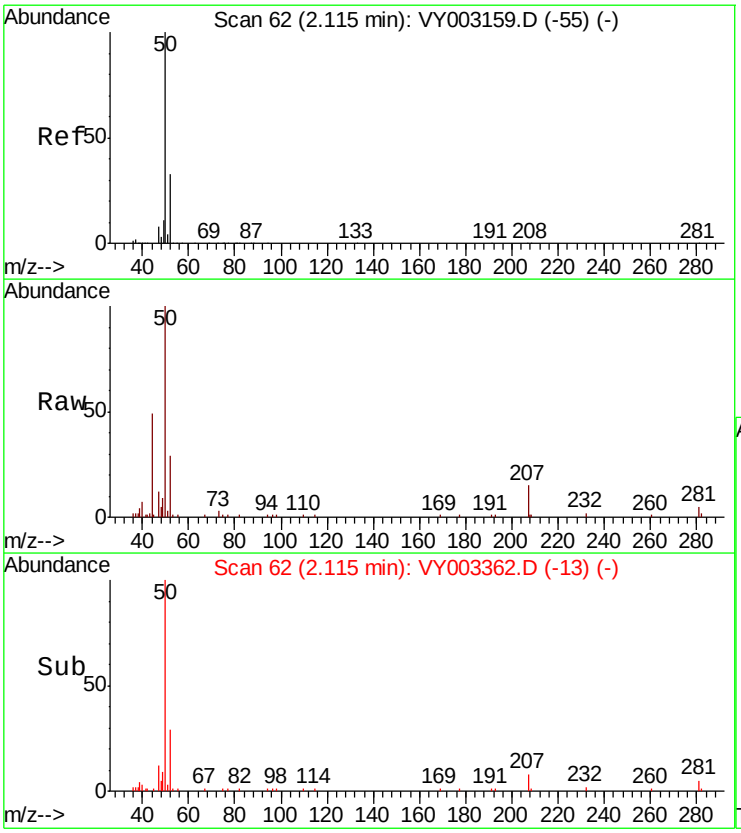

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY003362.D
Acq: 27 Jul 2020 17:51

**Instrument :**
MSVOA_Y
**ClientSampleId :**
FK-GF-03-015-A

Tgt Ion:168 Resp: 426008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 49.9 | 37.3 | 55.9 |

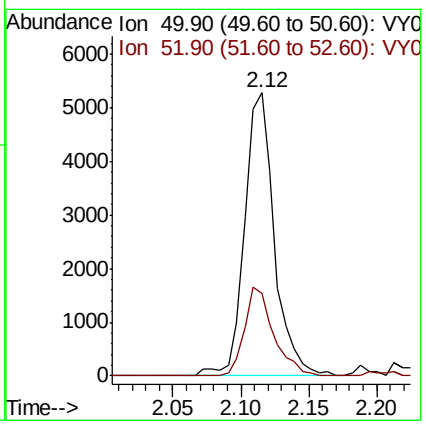


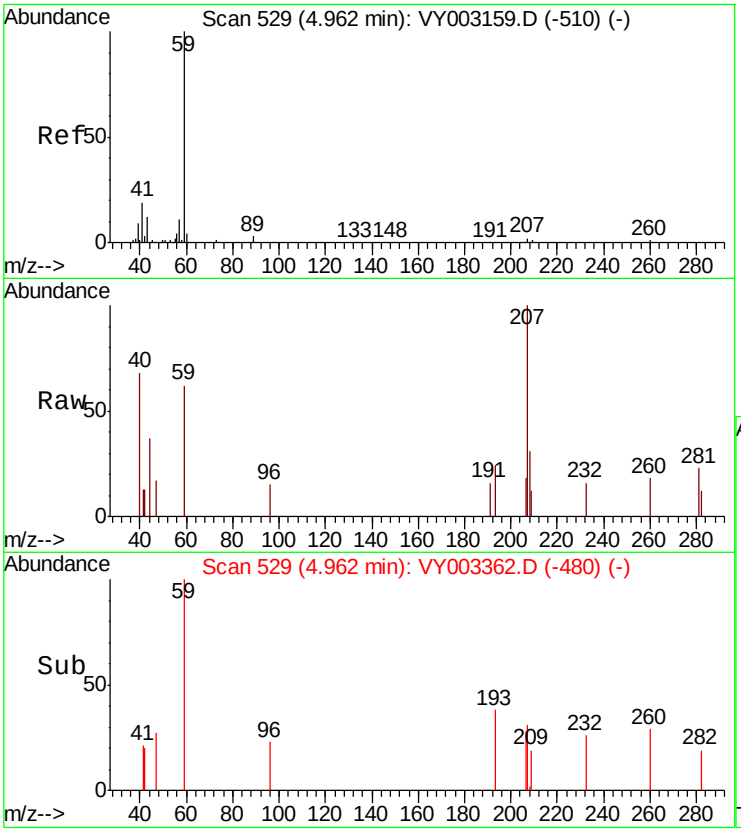




#3
Chloromethane
Concen: 1.911 ug/l
RT: 2.12 min Scan# 62
Delta R.T. -0.00 min
Lab File: VY003362.D
Acq: 27 Jul 2020 17:51

Tgt Ion: 50 Resp: 8095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 29.0 | 26.6 | 39.8 |



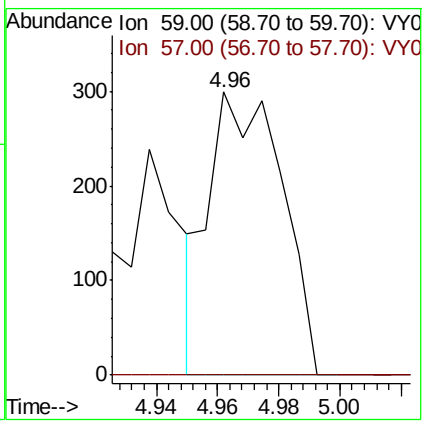


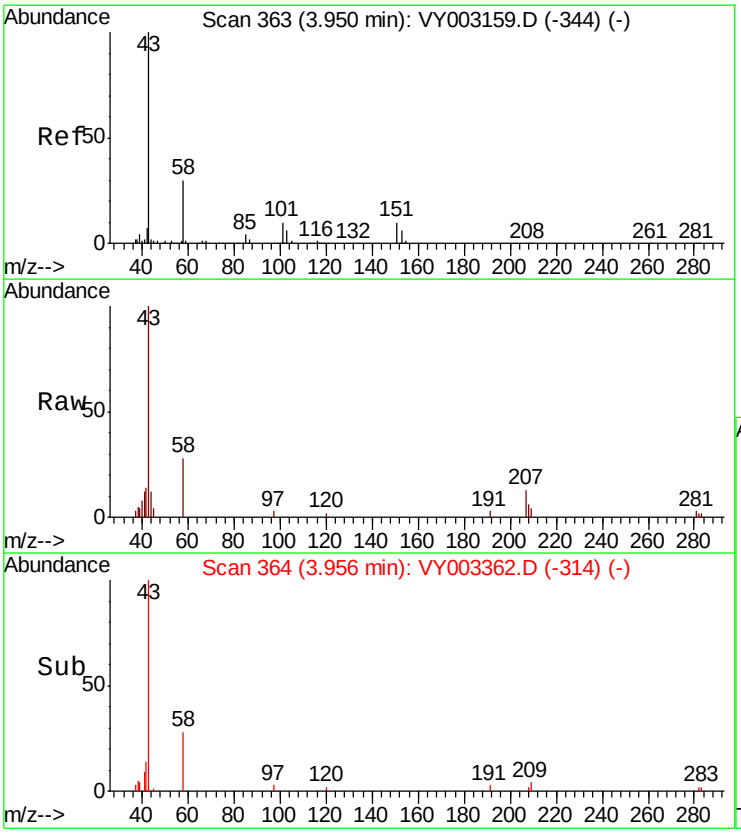

#11
Tert butyl alcohol
Concen: 1.258 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.00 min
Lab File: VY003362.D
Acq: 27 Jul 2020 17:51

**Instrument :**
MSVOA_Y
**ClientSampleId :**
FK-GF-03-015-A

Tgt Ion: 59 Resp: 489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.4 | 12.6# |

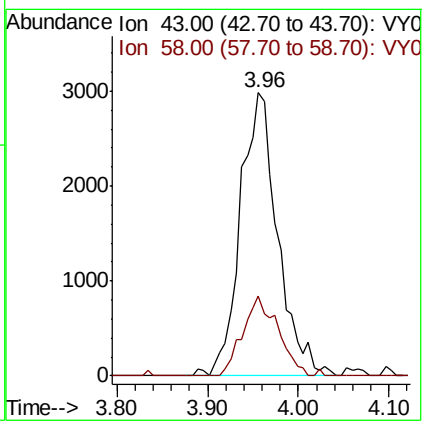


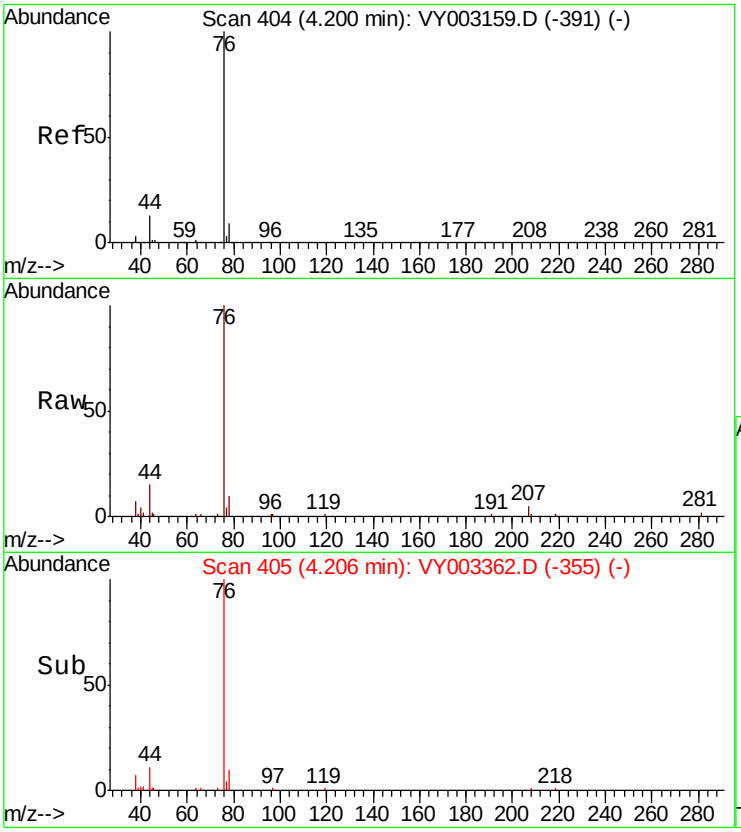




#16
Acetone
Concen: 10.574 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003362.D
Acq: 27 Jul 2020 17:51

Tgt Ion: 43 Resp: 8493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.3 | 23.8 | 35.6 |



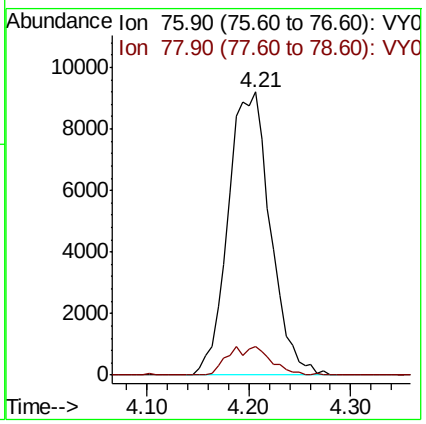


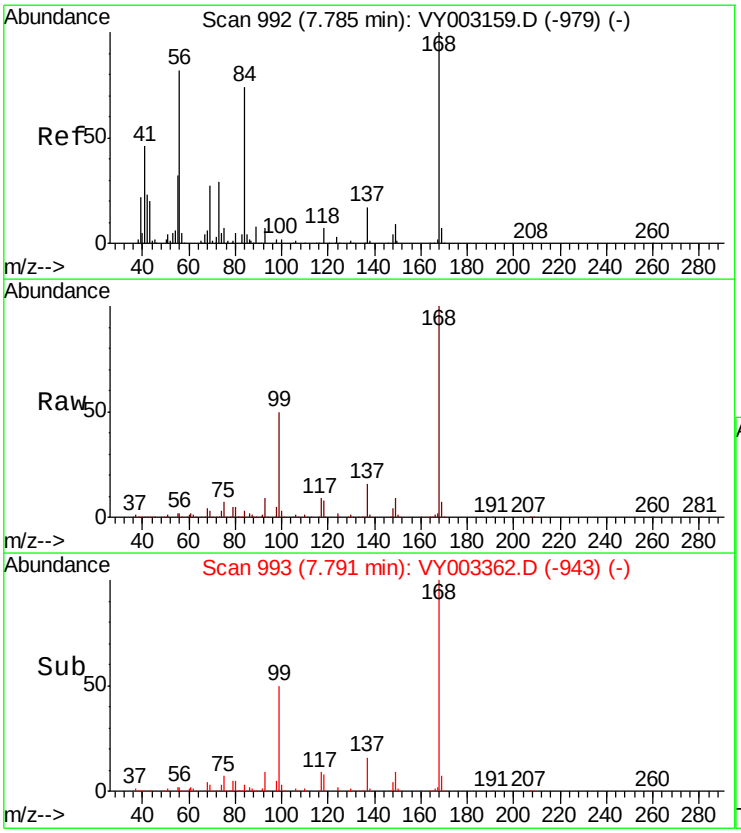

#17
Carbon Disulfide
Concen: 2.424 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.01 min
Lab File: VY003362.D
Acq: 27 Jul 2020 17:51

**Instrument :**
MSVOA_Y
**ClientSampleId :**
FK-GF-03-015-A

Tgt Ion: 76 Resp: 26368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.0 | 7.3 | 10.9 |

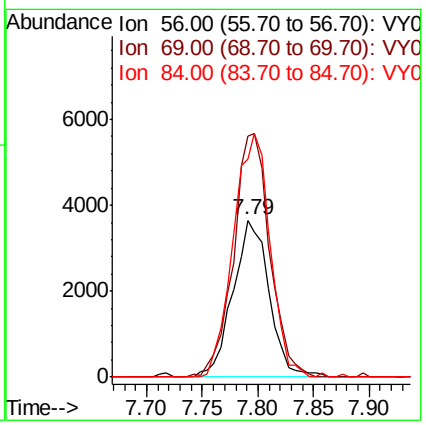


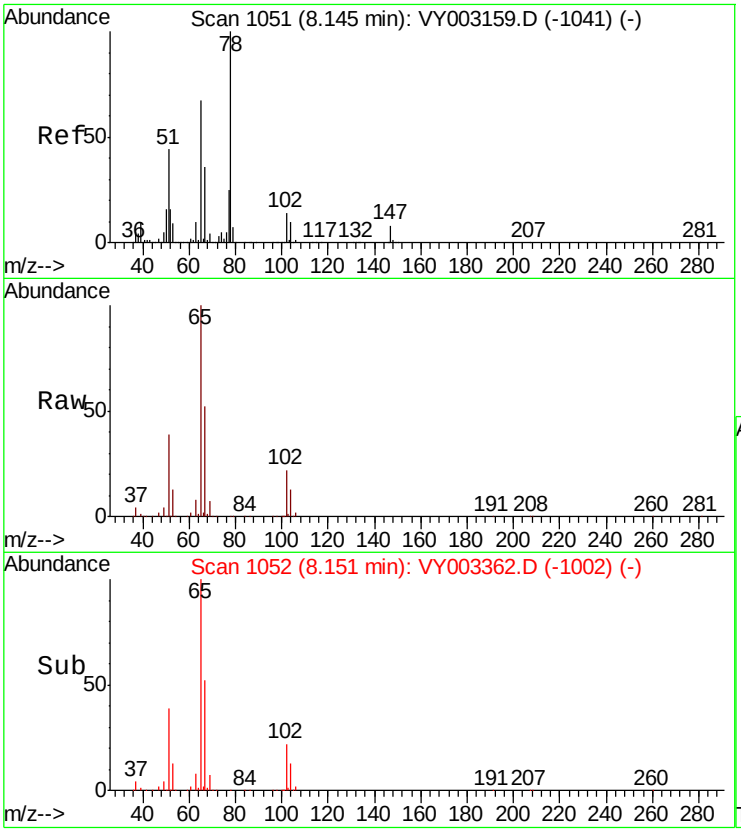




#31
Cyclohexane
Concen: 1.266 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003362.D
Acq: 27 Jul 2020 17:51

Tgt Ion: 56 Resp: 8277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 153.9 | 26.7 | 40.1# |
| 84 | 139.3 | 72.3 | 108.5# |



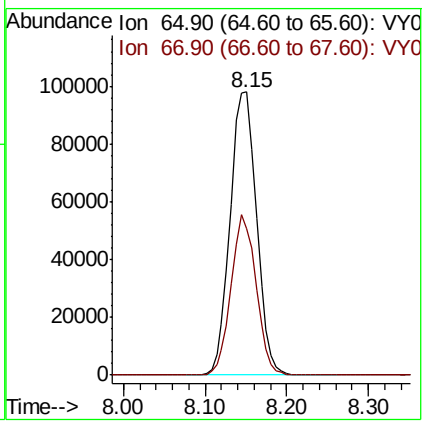


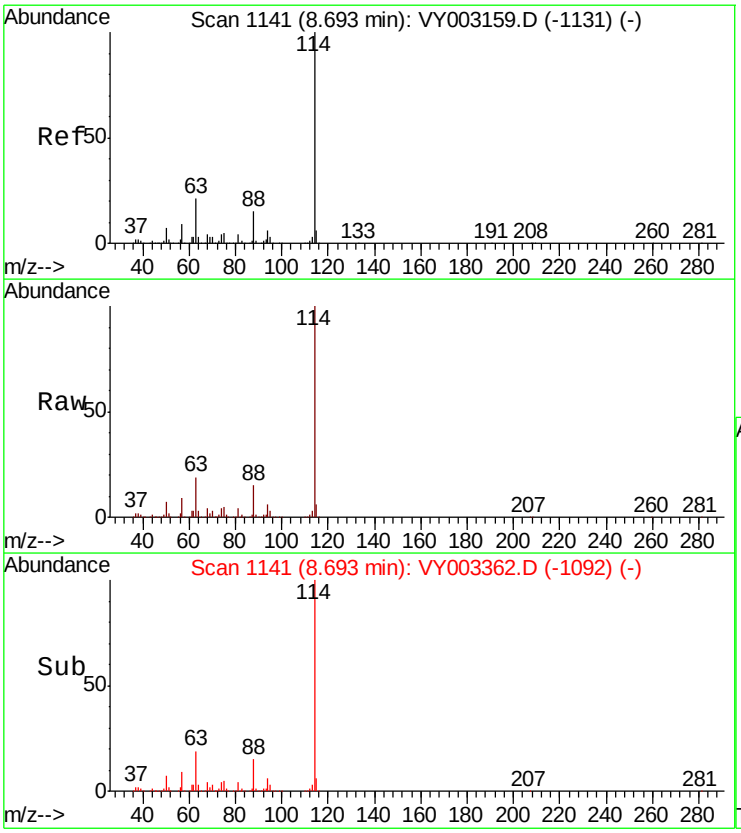

#33
1,2-Dichloroethane-d4
Concen: 60.805 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003362.D
Acq: 27 Jul 2020 17:51

**Instrument :** MSVOA_Y
**ClientSampleId :** FK-GF-03-015-A

Tgt Ion: 65 Resp: 218632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.6 | 0.0 | 105.2 |

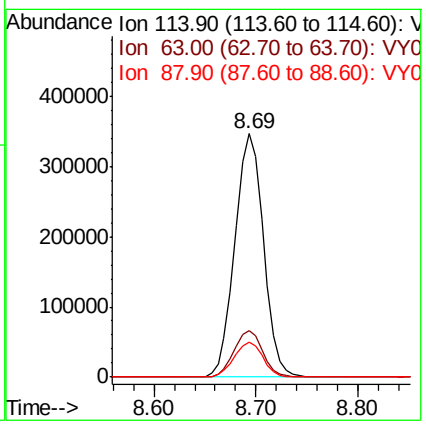


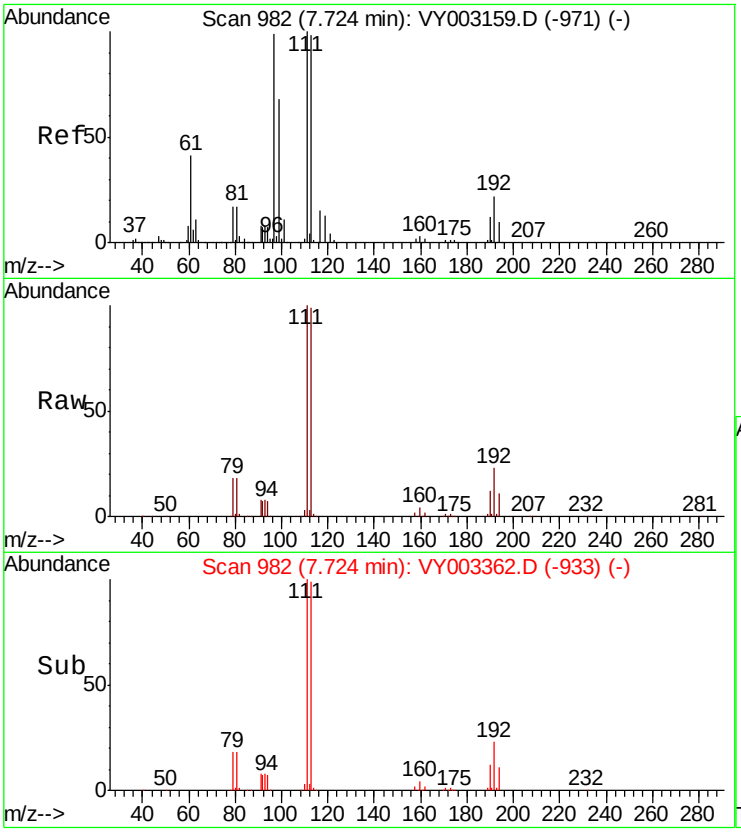




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VY003362.D
Acq: 27 Jul 2020 17:51

Tgt Ion:114 Resp: 673135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.0 | 0.0 | 41.2 |
| 88 | 14.6 | 0.0 | 30.2 |



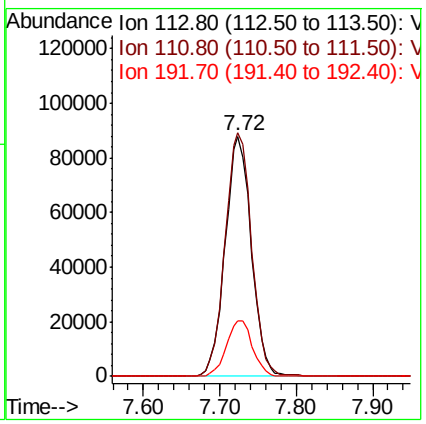


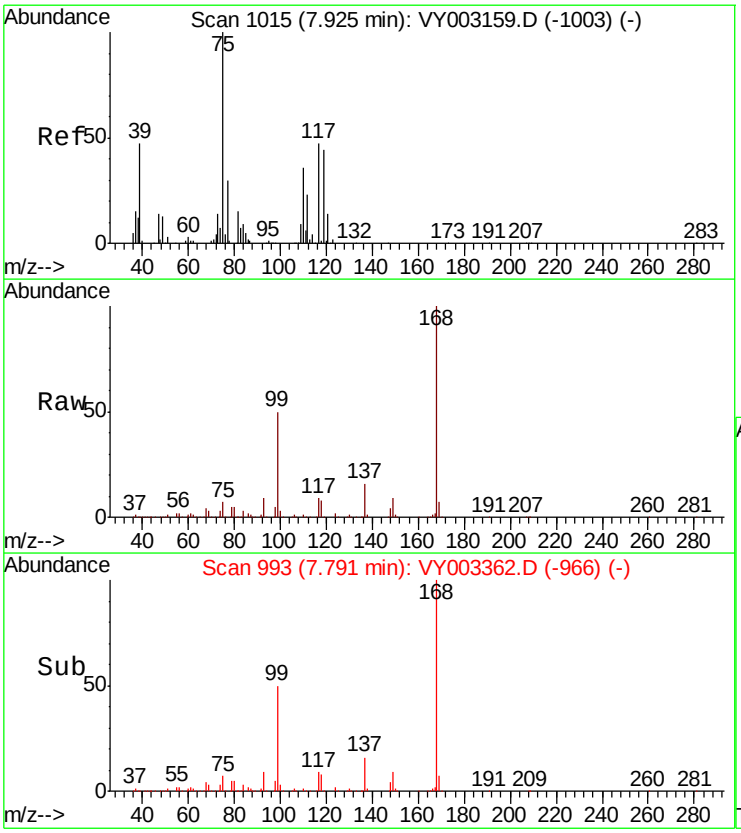

#35
Dibromofluoromethane
Concen: 53.590 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003362.D
Acq: 27 Jul 2020 17:51

**Instrument :**
MSVOA_Y
**ClientSampleId :**
FK-GF-03-015-A

Tgt Ion:113 Resp: 207595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.6 | 82.1 | 123.1 |
| 192 | 23.3 | 18.8 | 28.2 |

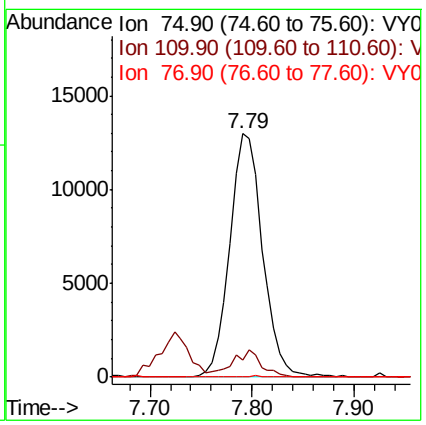


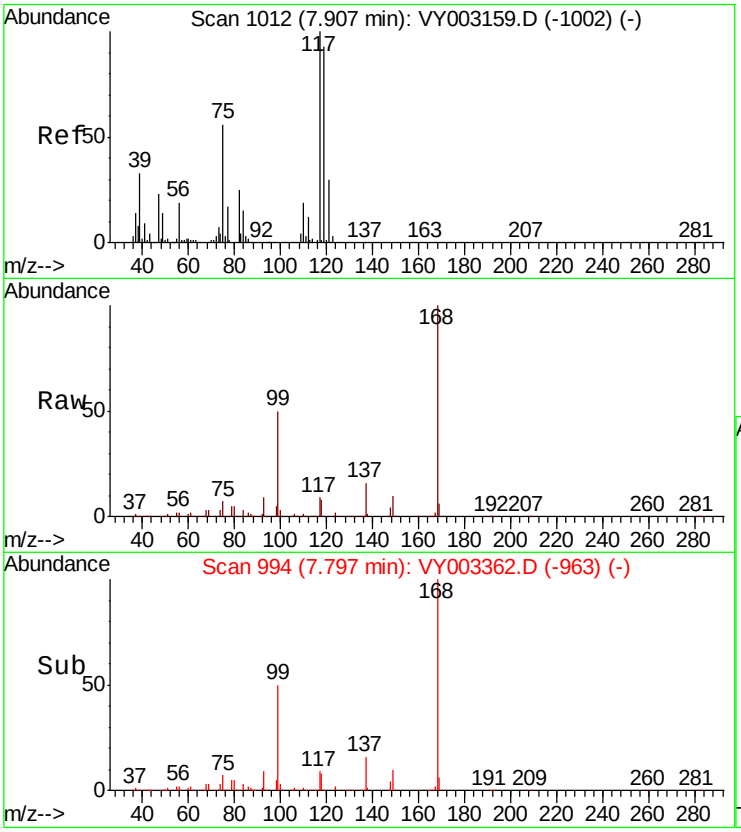




#36
1,1-Dichloropropene
Concen: 4.731 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.13 min
Lab File: VY003362.D
Acq: 27 Jul 2020 17:51

Tgt Ion: 75 Resp: 28865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.5 | 18.1 | 54.1# |
| 77 | 0.1 | 24.8 | 37.2# |



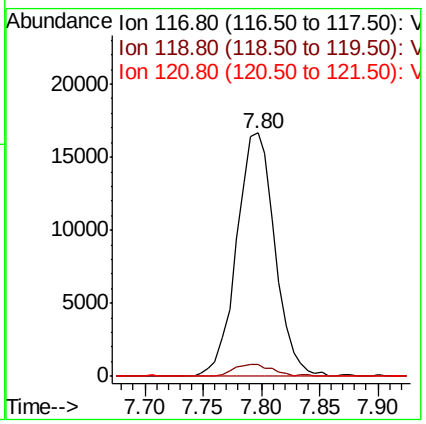


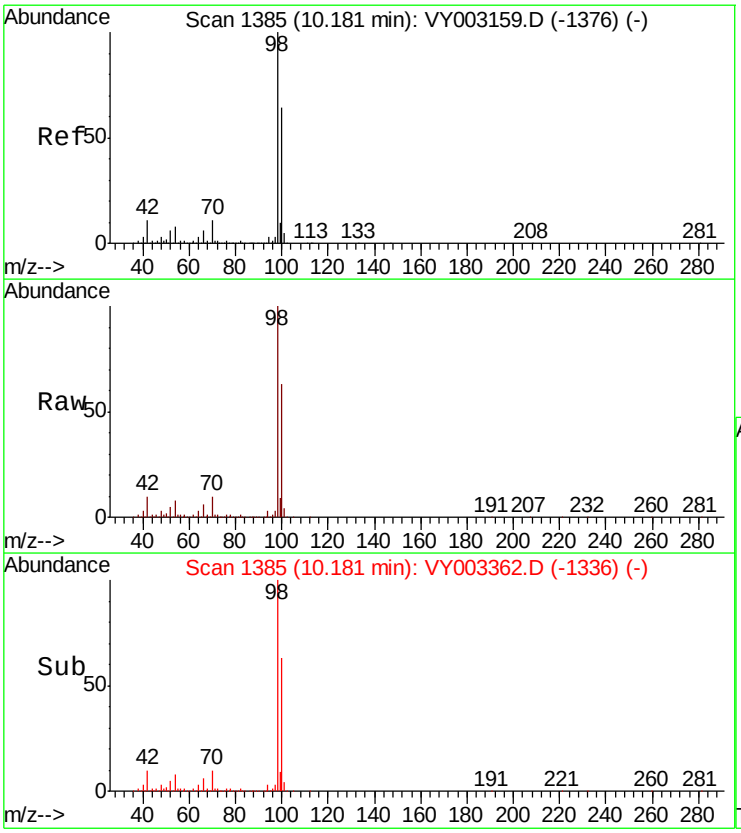

#38
Carbon Tetrachloride
Concen: 6.047 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003362.D
Acq: 27 Jul 2020 17:51

**Instrument :**
MSVOA_Y
**ClientSampleId :**
FK-GF-03-015-A

Tgt Ion:117 Resp: 38086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.8 | 74.5 | 111.7# |
| 121 | 0.0 | 24.2 | 36.2# |

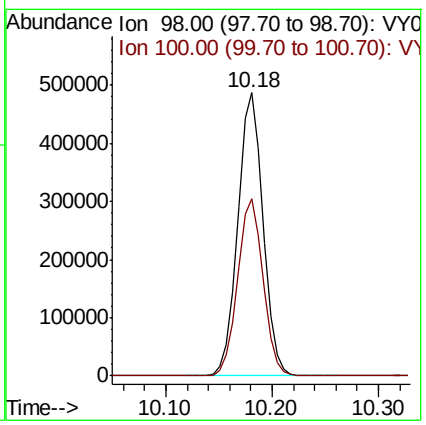


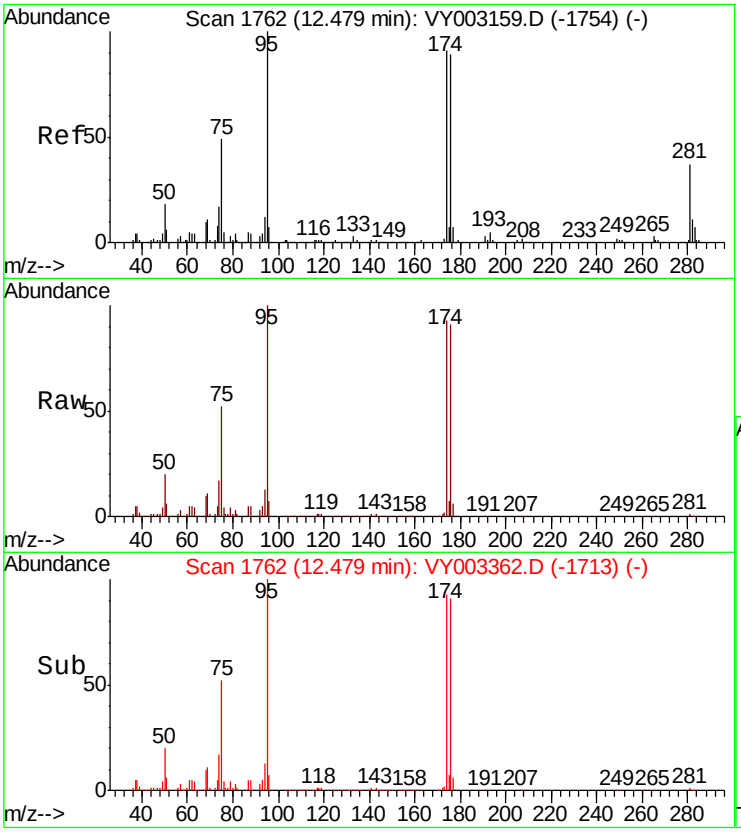




#50
Toluene-d8
Concen: 56.368 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003362.D
Acq: 27 Jul 2020 17:51

Tgt Ion: 98 Resp: 811805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.1 | 50.7 | 76.1 |



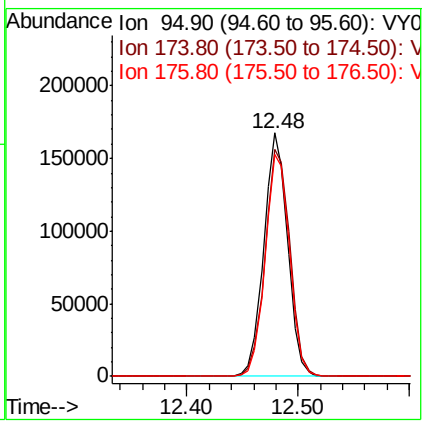


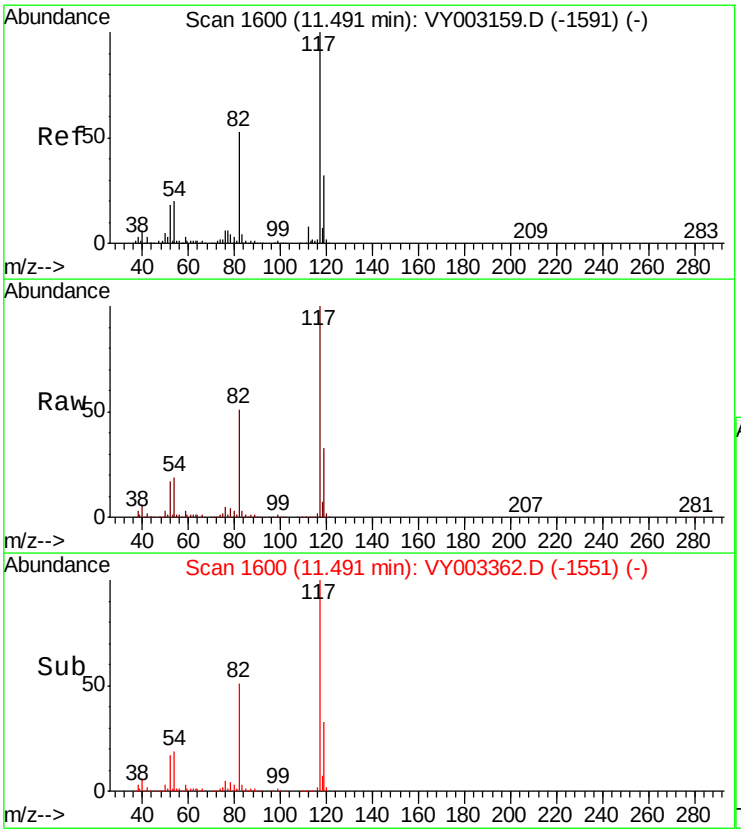

#62
4-Bromofluorobenzene
Concen: 48.039 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003362.D
Acq: 27 Jul 2020 17:51

**Instrument :**
MSVOA_Y
**ClientSampleId :**
FK-GF-03-015-A

Tgt Ion: 95 Resp: 249938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 97.1 | 0.0 | 190.6 |
| 176 | 93.5 | 0.0 | 186.4 |

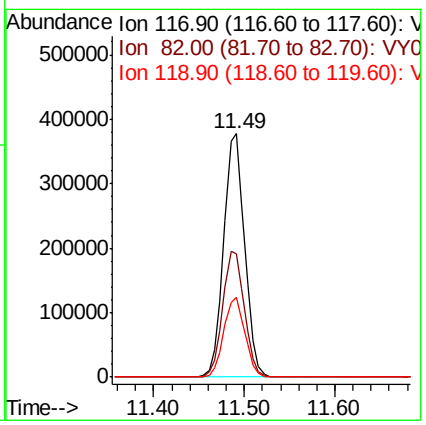


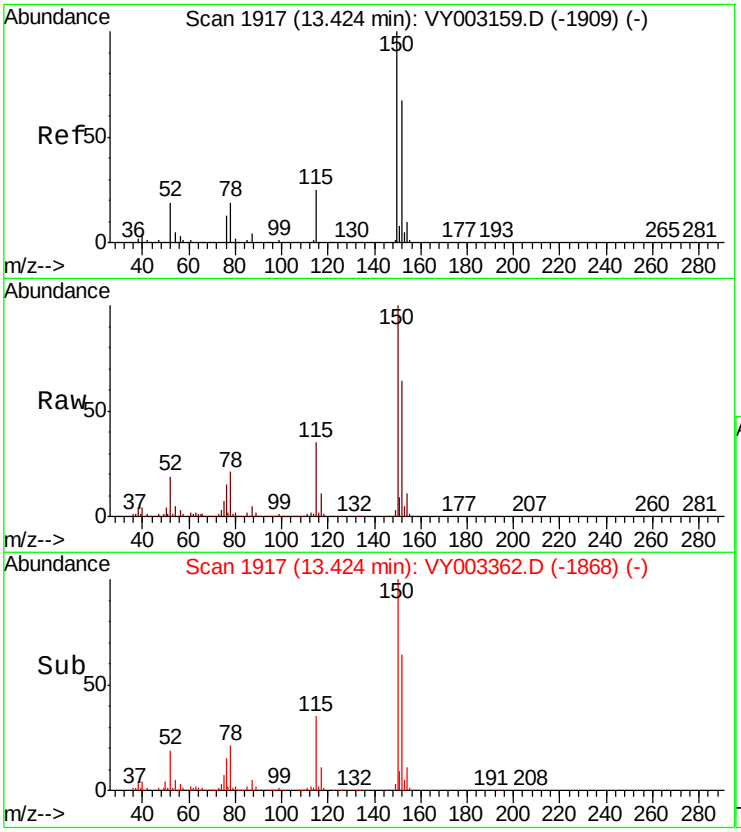




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003362.D
Acq: 27 Jul 2020 17:51

Tgt Ion:117 Resp: 604913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 50.6 | 42.0 | 63.0 |
| 119 | 32.8 | 25.5 | 38.3 |



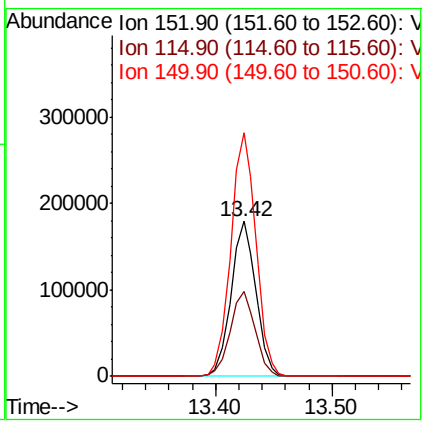


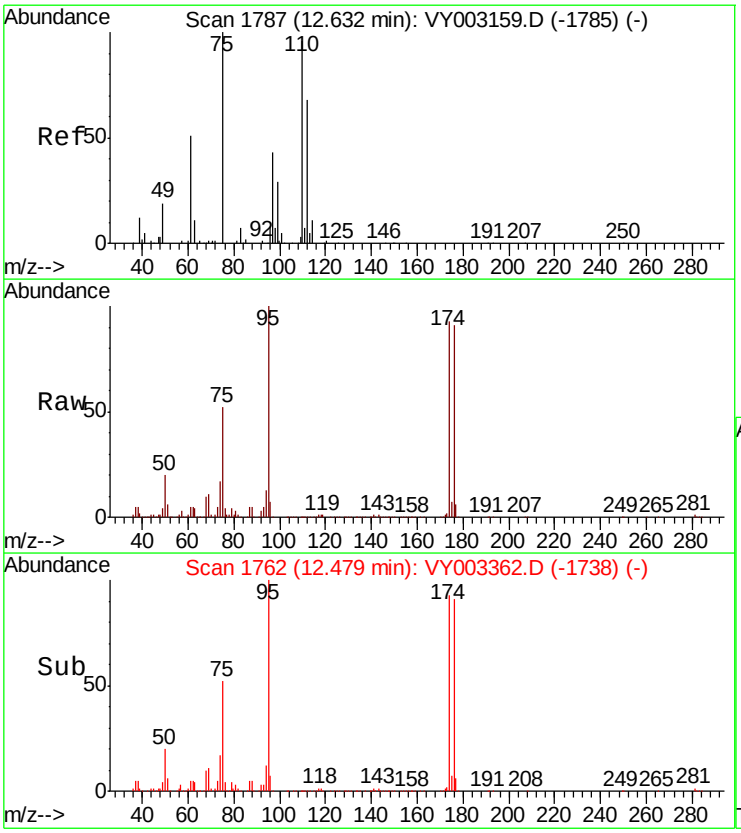

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003362.D
Acq: 27 Jul 2020 17:51

**Instrument :**
MSVOA_Y
**ClientSampleId :**
FK-GF-03-015-A

Tgt Ion:152 Resp: 265644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.0 | 26.9 | 80.7 |
| 150 | 158.8 | 0.0 | 338.0 |

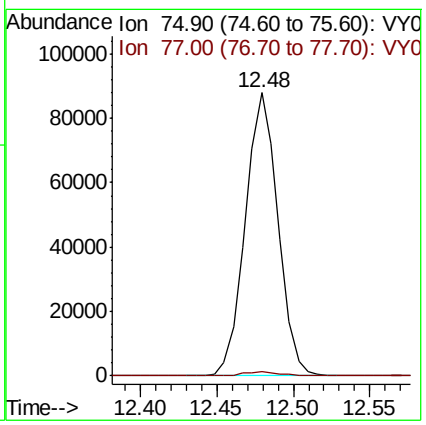


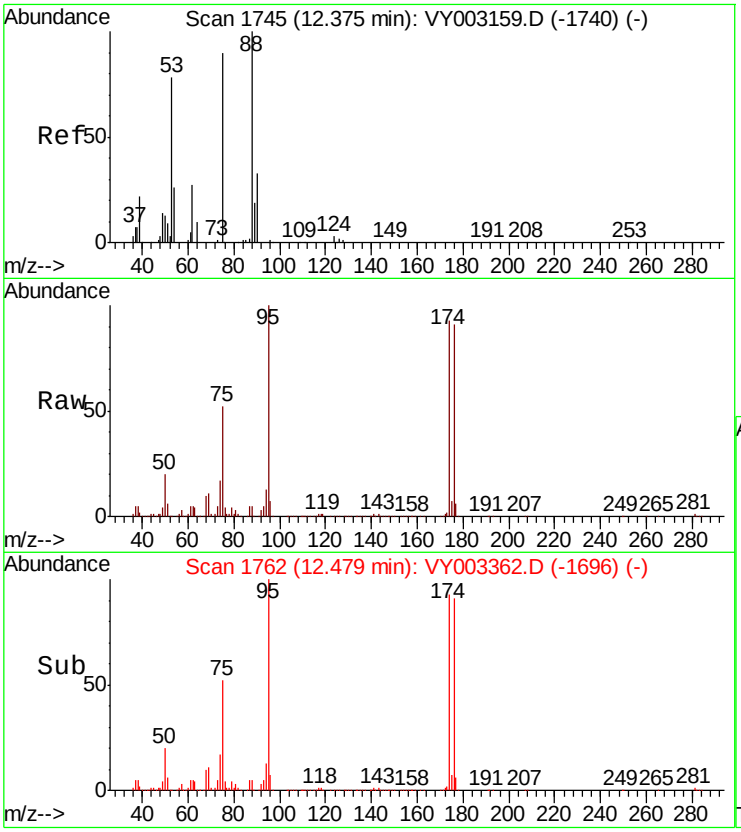




#76
1,2,3-Trichloropropane
Concen: 55.450 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003362.D
Acq: 27 Jul 2020 17:51

Tgt Ion: 75 Resp: 130386

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






#81
trans-1,4-Dichloro-2-butene
Concen: 107.917 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003362.D
Acq: 27 Jul 2020 17:51

**Instrument :**
MSVOA_Y
**ClientSampleId :**
FK-GF-03-015-A

Tgt Ion: 75 Resp: 130386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 72.0 | 108.0# |
| 89 | 0.1 | 37.3 | 55.9# |