Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102919\
Data File : VY000471.D
Acq On : 29 Oct 2019 13:56
Operator : SY/MD
Sample : K5587-07
Misc : 5.48G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 30 07:18:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.80 | 168 | 196132 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.70 | 114 | 338586 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.49 | 117 | 305101 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152 | 135683 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.16 | 65 | 113114 | 54.67 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 109.34% | | | |
| 35) Dibromofluoromethane | 7.73 | 113 | 100932 | 49.42 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.84% | | | |
| 50) Toluene-d8 | 10.19 | 98 | 395822 | 50.38 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.76% | | | |
| 62) 4-Bromofluorobenzene | 12.48 | 95 | 130777 | 43.81 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 87.62% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.90 | 85 | 52 | Below Cal | # | 41 |
| 11) Tert butyl alcohol | 4.97 | 59 | 244 | 1.127 | ug/l # | 73 |
| 16) Acetone | 3.97 | 43 | 1125 | 1.679 | ug/l # | 67 |
| 20) Methylene Chloride | 4.73 | 84 | 863 | Below Cal | # | 63 |
| 31) Cyclohexane | 7.80 | 56 | 4460 | 1.127 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 7.80 | 75 | 15286 | 4.611 | ug/l # | 49 |
| 38) Carbon Tetrachloride | 7.80 | 117 | 18857 | 5.875 | ug/l # | 18 |
| 76) 1,2,3-Trichloropropane | 12.48 | 75 | 70215 | 42.084 | ug/l # | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.48 | 75 | 70215 | 92.079 | ug/l # | 14 |

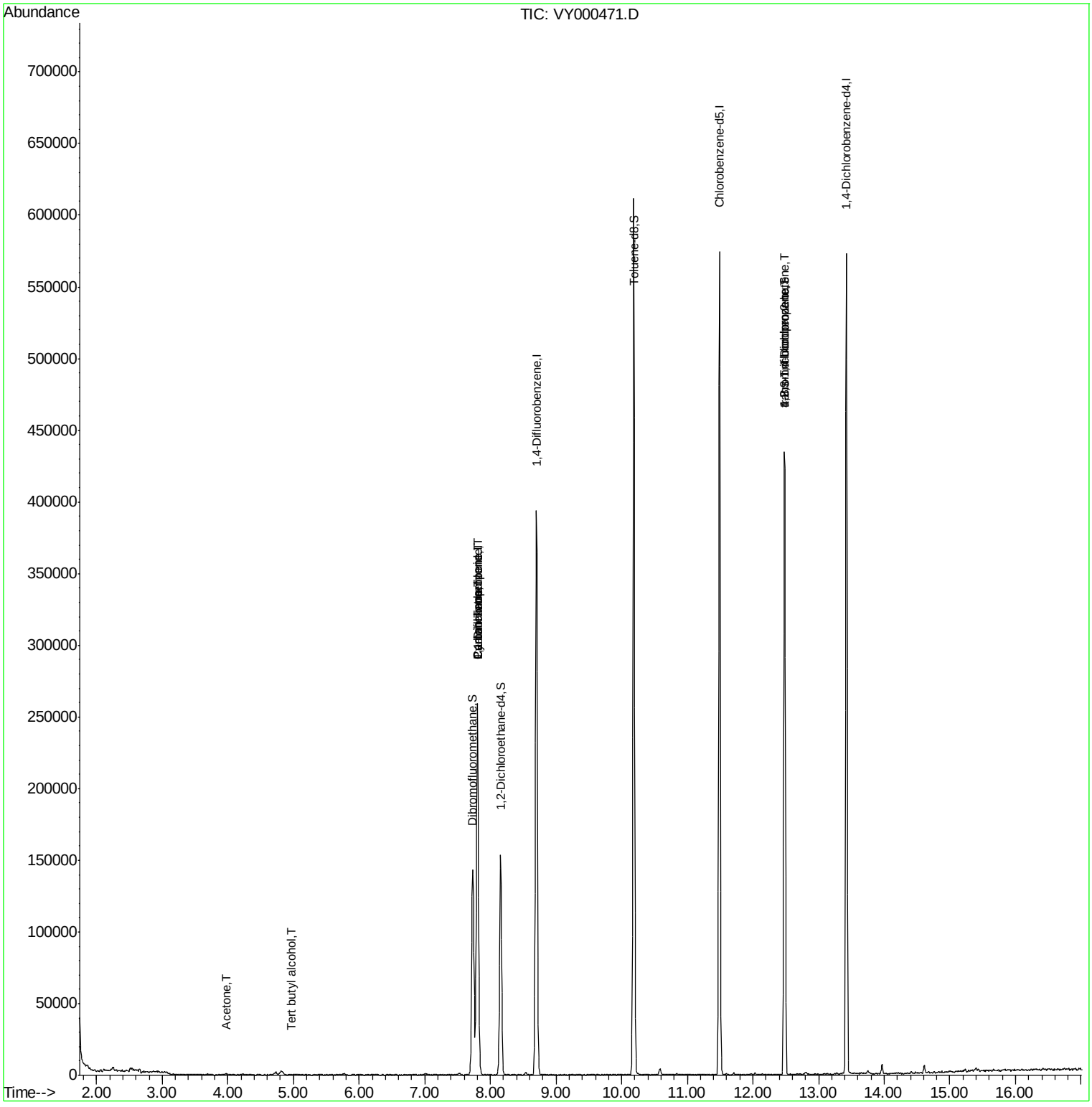
(#) = qualifier out of range (m) = manual integration (+) = signals summed

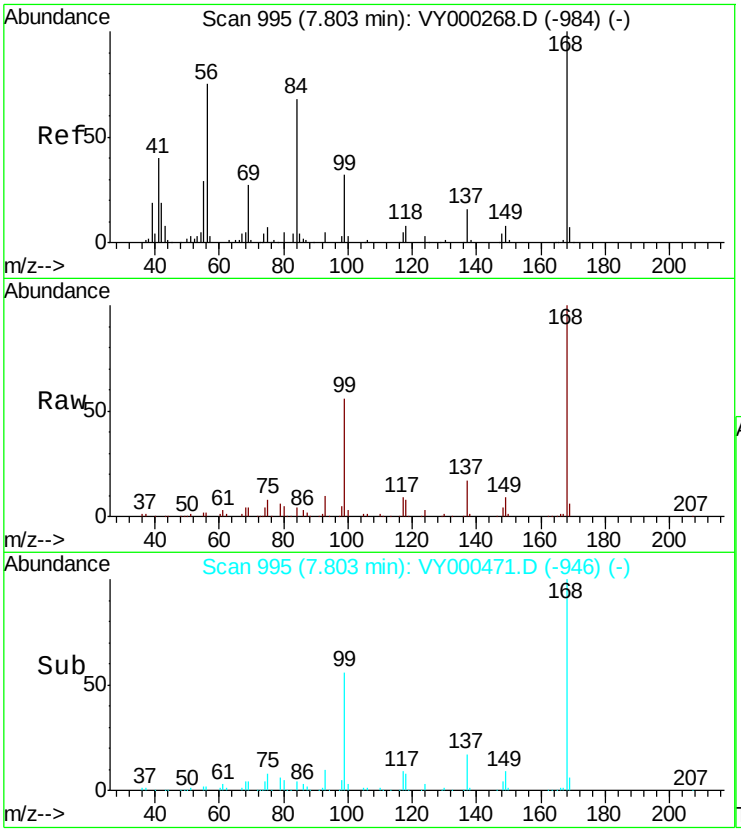
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102919\
Data File : VY000471.D
Acq On : 29 Oct 2019 13:56
Operator : SY/MD
Sample : K5587-07
Misc : 5.48G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 30 07:18:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration



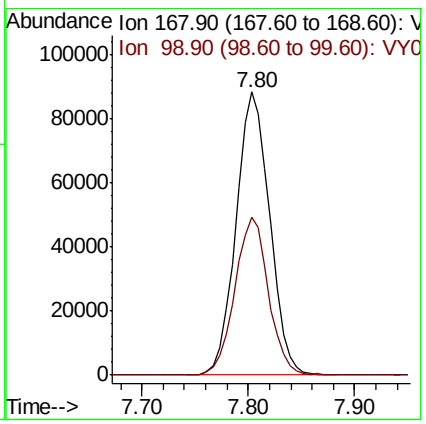


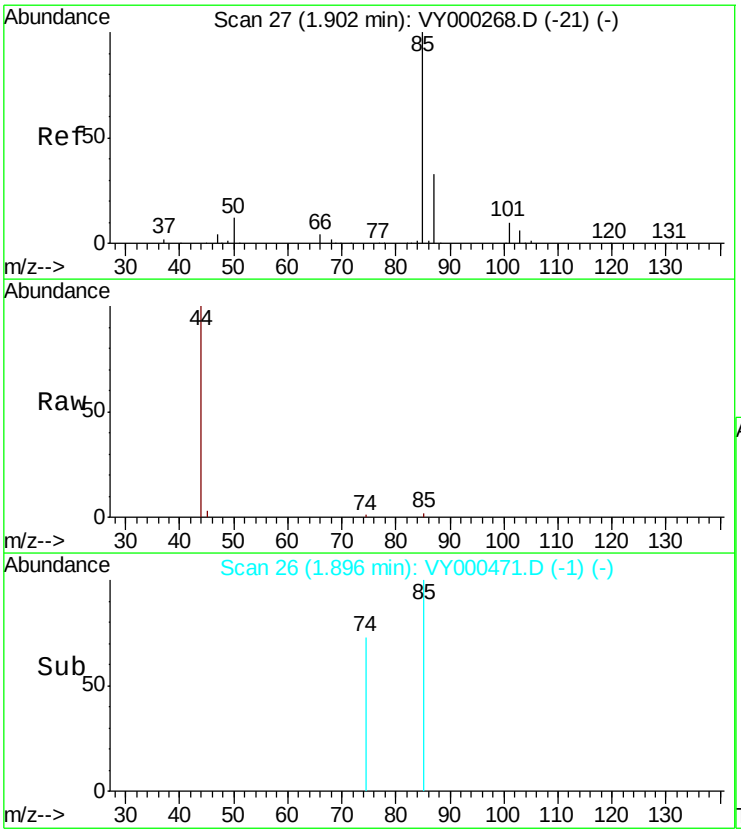

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000471.D
Acq: 29 Oct 2019 13:56

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

Tgt Ion:168 Resp: 196132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.6 | 46.6 | 69.8 |

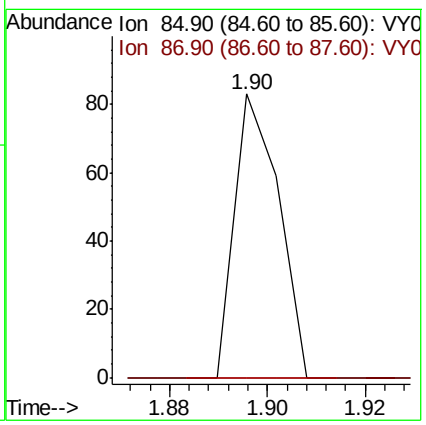


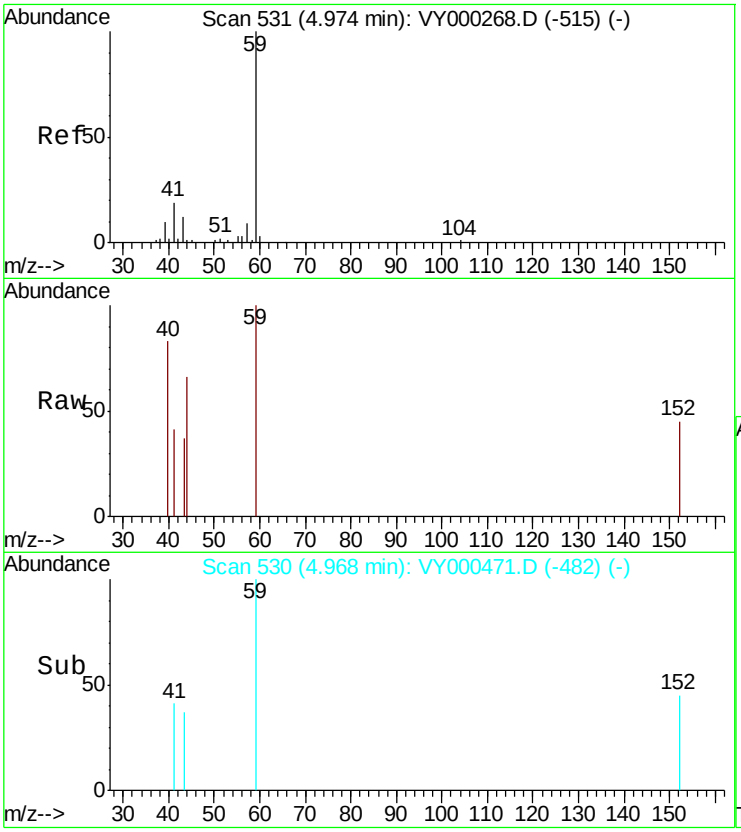




#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.90 min Scan# 26
Delta R.T. -0.01 min
Lab File: VY000471.D
Acq: 29 Oct 2019 13:56

Tgt Ion: 85 Resp: 52

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 0.0 | 16.6 | 49.8# |



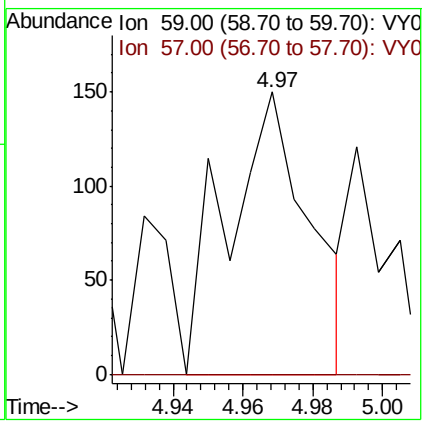


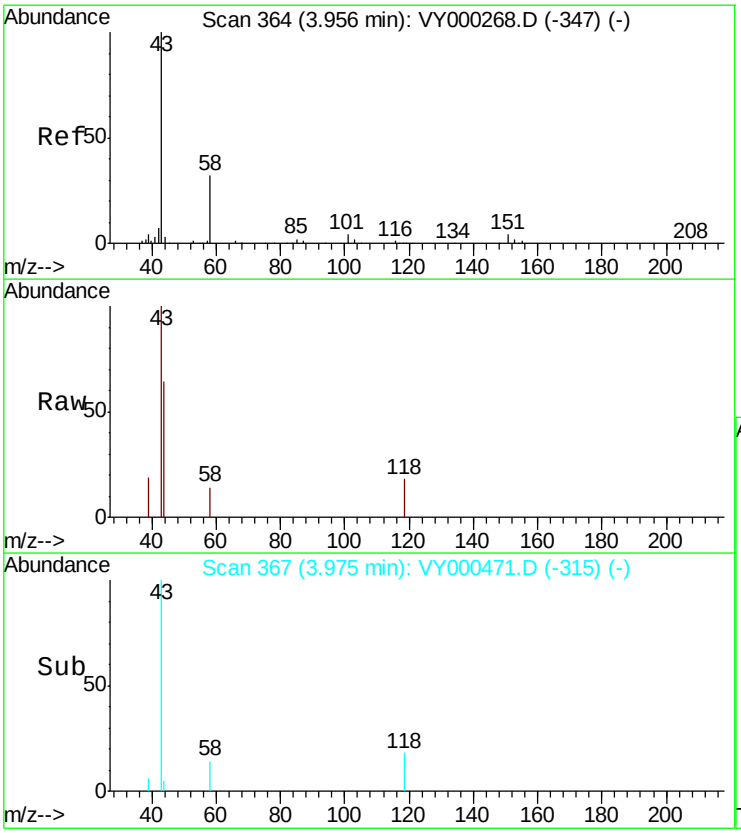

#11
Tert butyl alcohol
Concen: 1.127 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY000471.D
Acq: 29 Oct 2019 13:56

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

Tgt Ion: 59 Resp: 244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.2 | 12.2# |

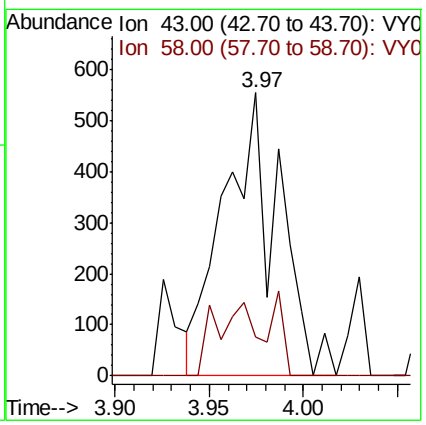


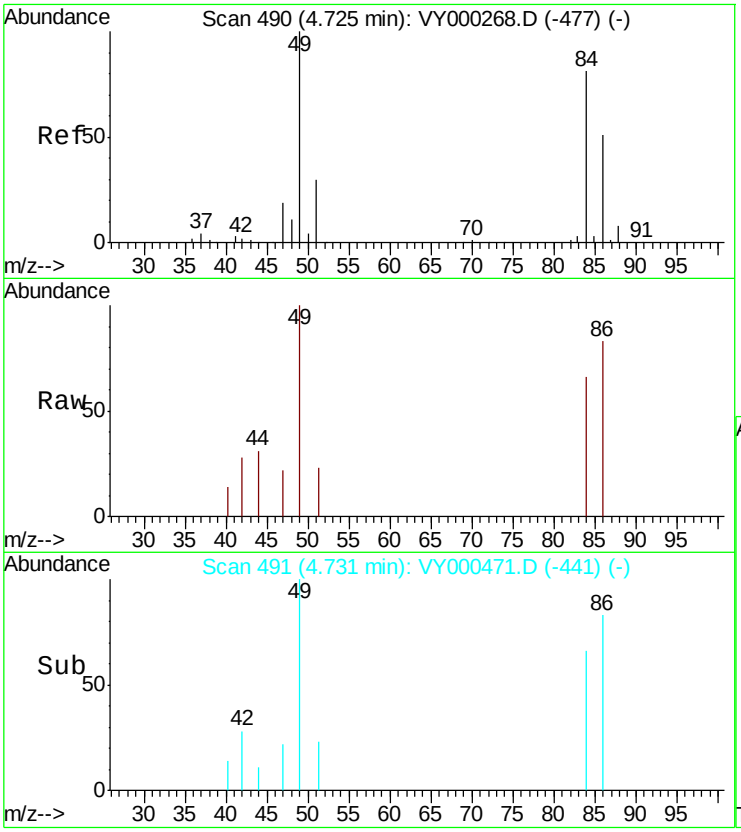




#16
Acetone
Concen: 1.679 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.02 min
Lab File: VY000471.D
Acq: 29 Oct 2019 13:56

Tgt Ion: 43 Resp: 1125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 13.5 | 25.8 | 38.6# |



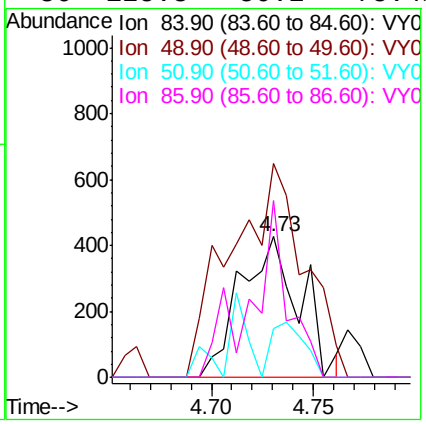


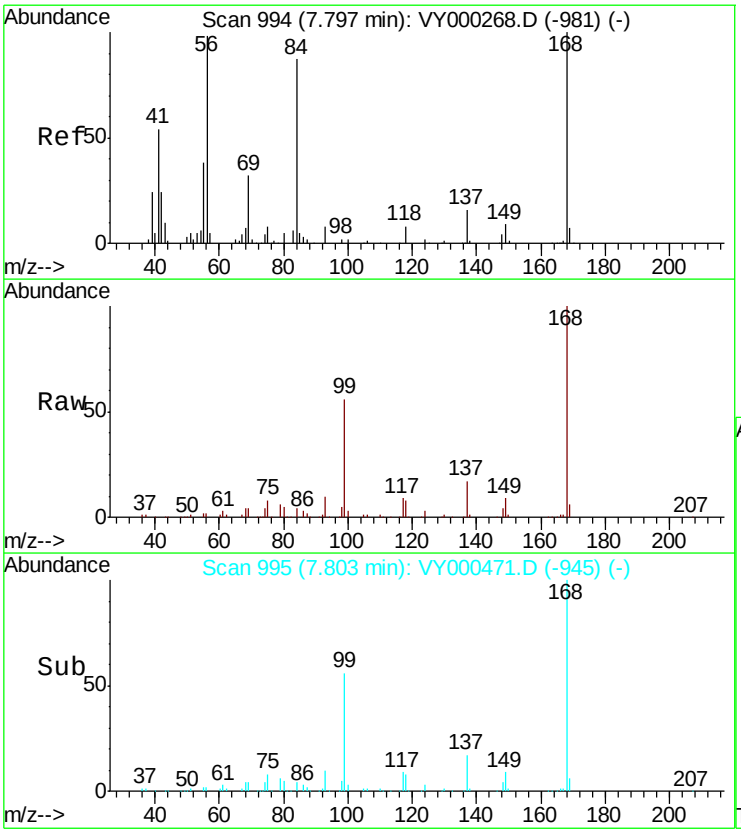

#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000471.D
Acq: 29 Oct 2019 13:56

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

Tgt Ion: 84 Resp: 863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 152.1 | 99.0 | 148.4# |
| 51 | 35.2 | 29.3 | 43.9 |
| 86 | 125.8 | 50.2 | 75.4# |

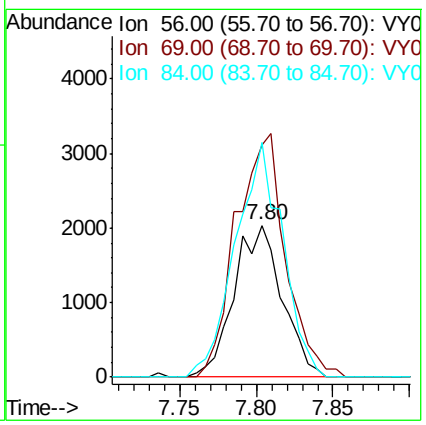


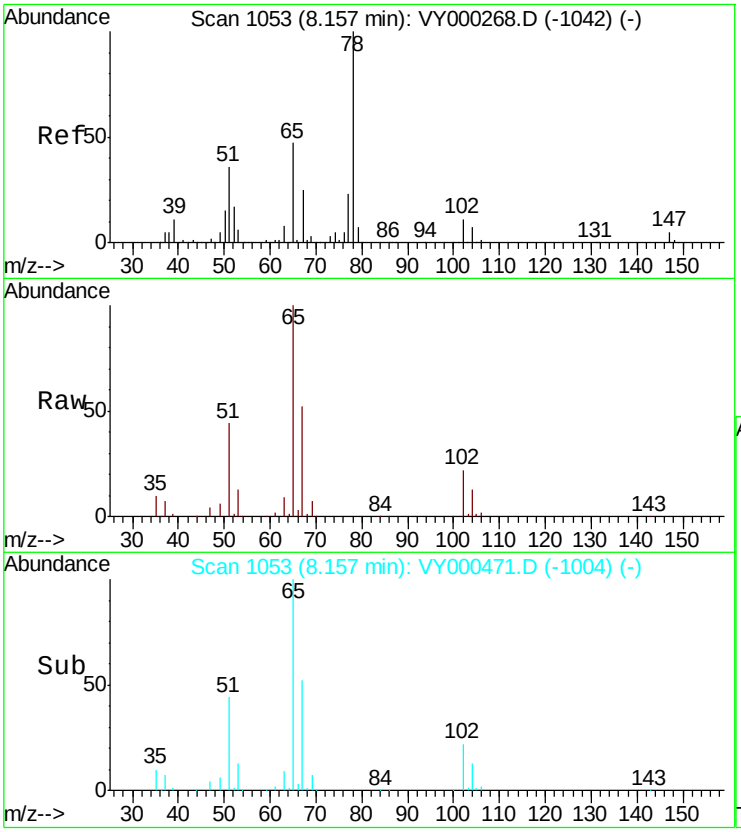




#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000471.D
Acq: 29 Oct 2019 13:56

Tgt Ion: 56 Resp: 4460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 152.8 | 26.3 | 39.5# |
| 84 | 154.7 | 70.8 | 106.2# |



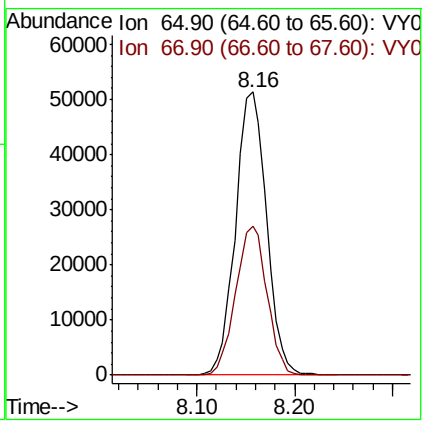


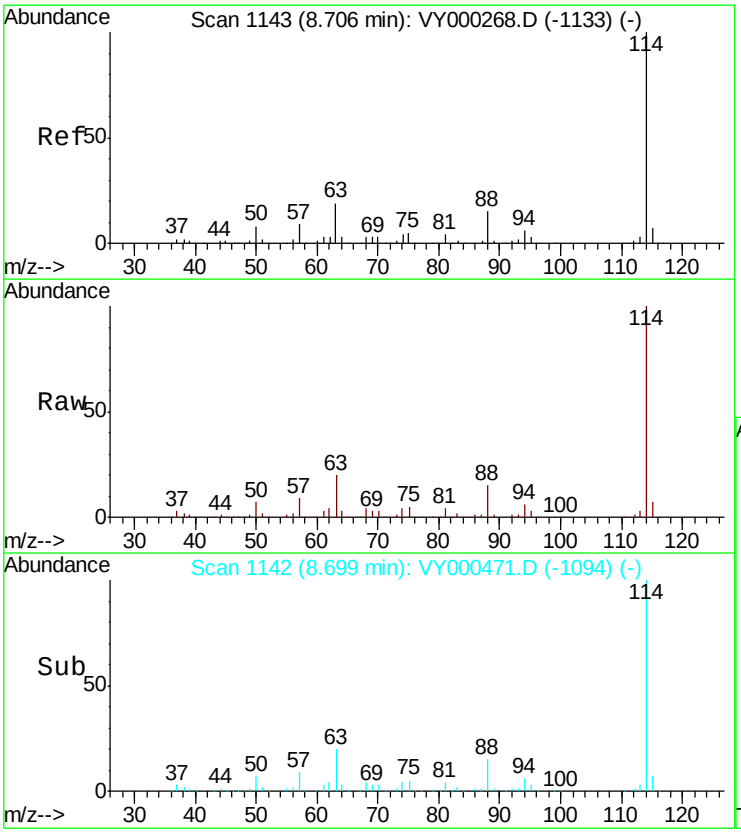

#33
1,2-Dichloroethane-d4
Concen: 54.674 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000471.D
Acq: 29 Oct 2019 13:56

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

Tgt Ion: 65 Resp: 113114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.1 | 0.0 | 109.4 |

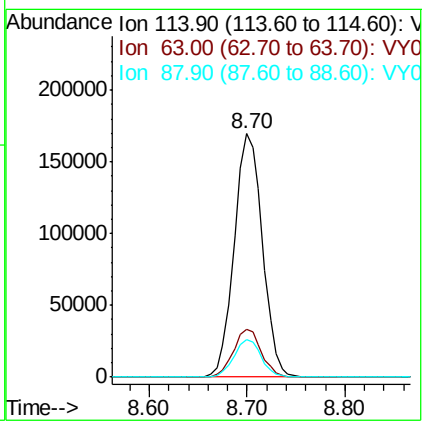


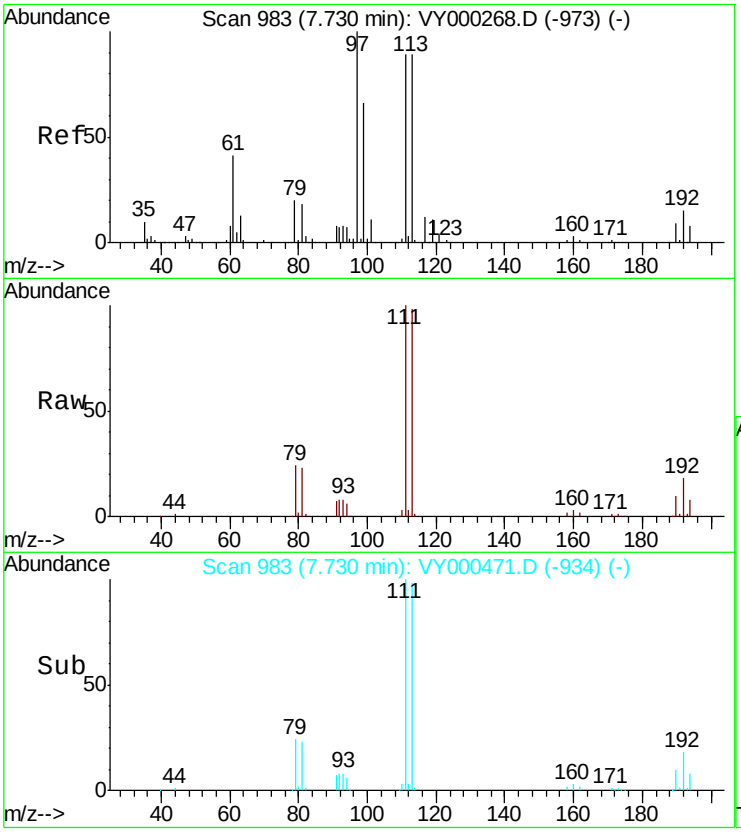




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000471.D
Acq: 29 Oct 2019 13:56

Tgt Ion:114 Resp: 338586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.8 | 0.0 | 37.2 |
| 88 | 15.3 | 0.0 | 30.2 |



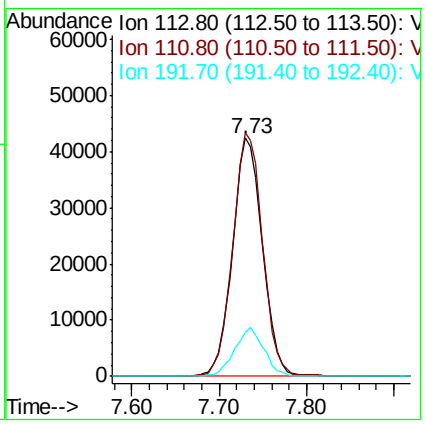


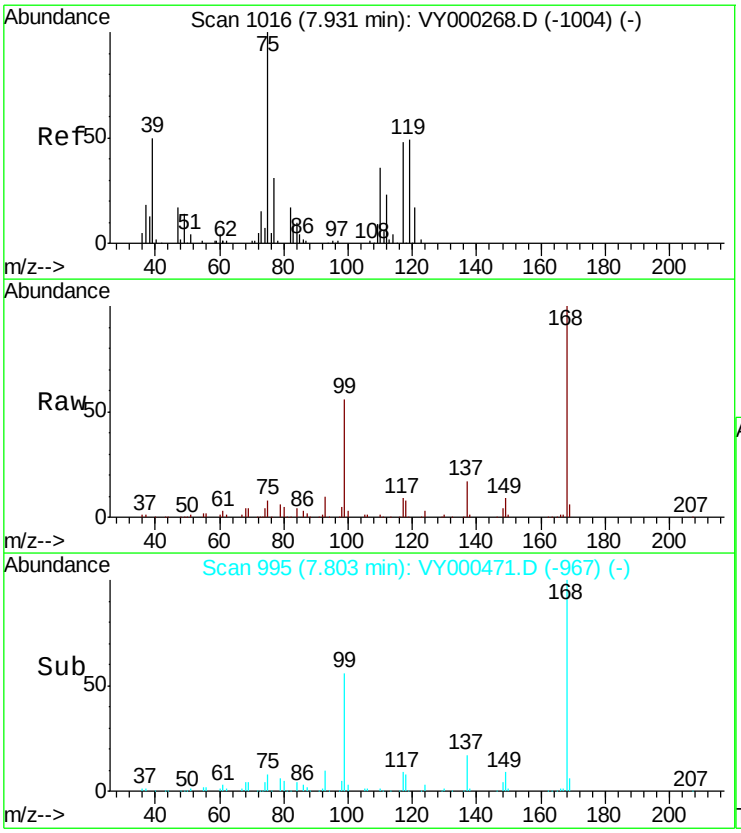

#35
Dibromofluoromethane
Concen: 49.419 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000471.D
Acq: 29 Oct 2019 13:56

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

Tgt Ion:113 Resp: 100932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.8 | 81.6 | 122.4 |
| 192 | 19.8 | 15.3 | 22.9 |

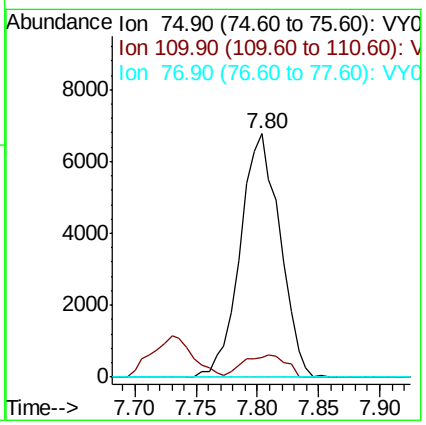


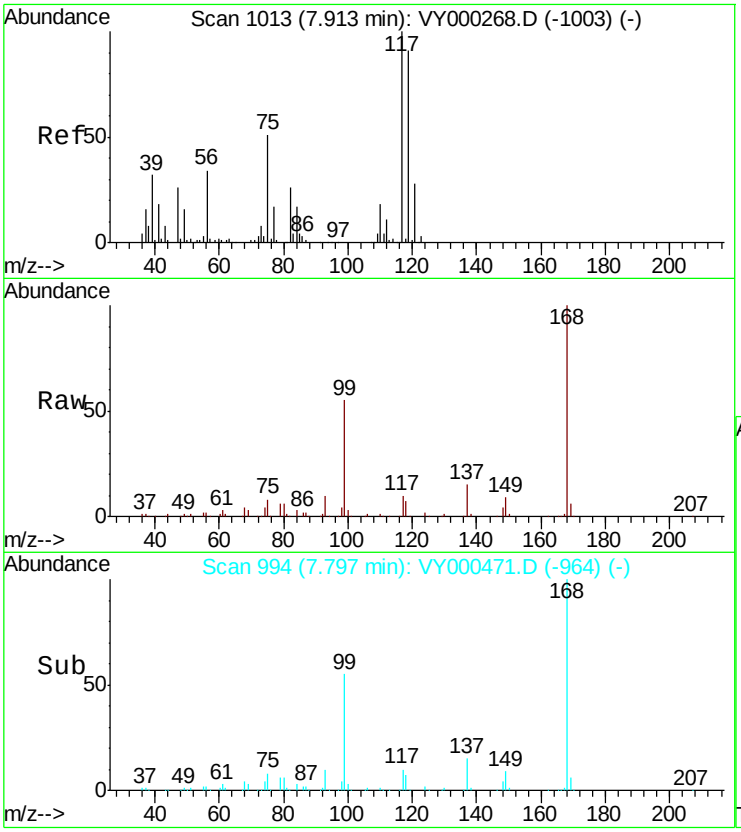




#36
1,1-Dichloropropene
Concen: 4.611 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY000471.D
Acq: 29 Oct 2019 13:56

Tgt Ion: 75 Resp: 15286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.5 | 18.4 | 55.4# |
| 77 | 0.0 | 25.0 | 37.6# |



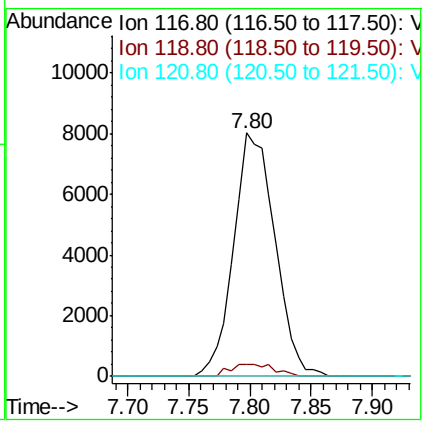


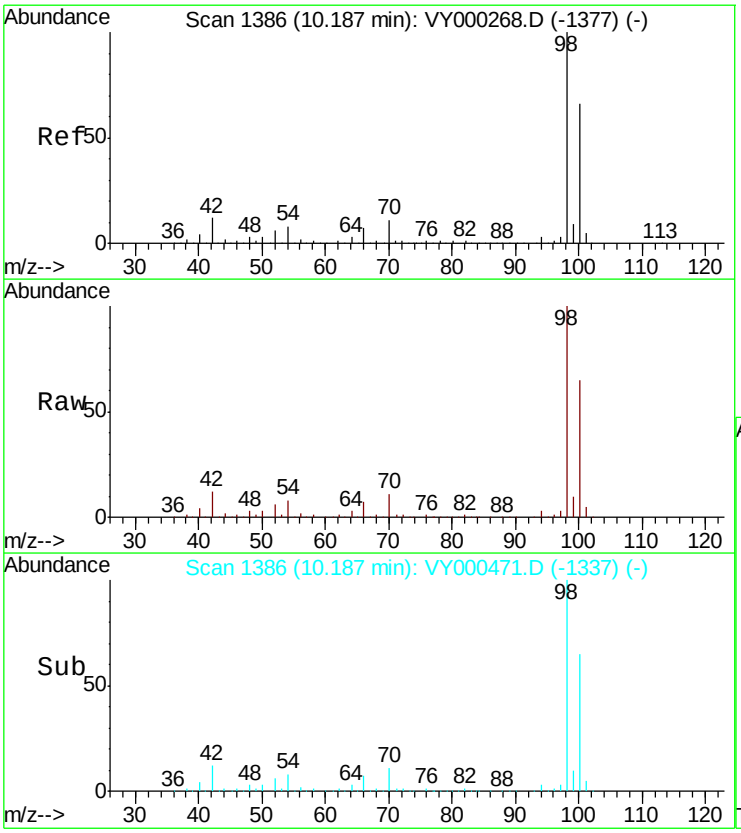

#38
Carbon Tetrachloride
Concen: 5.875 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000471.D
Acq: 29 Oct 2019 13:56

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

Tgt Ion:117 Resp: 18857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.9 | 72.8 | 109.2# |
| 121 | 0.0 | 22.2 | 33.2# |

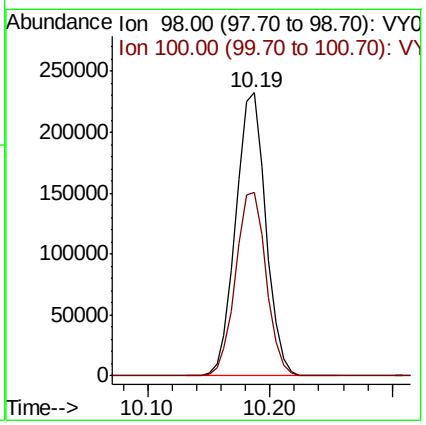


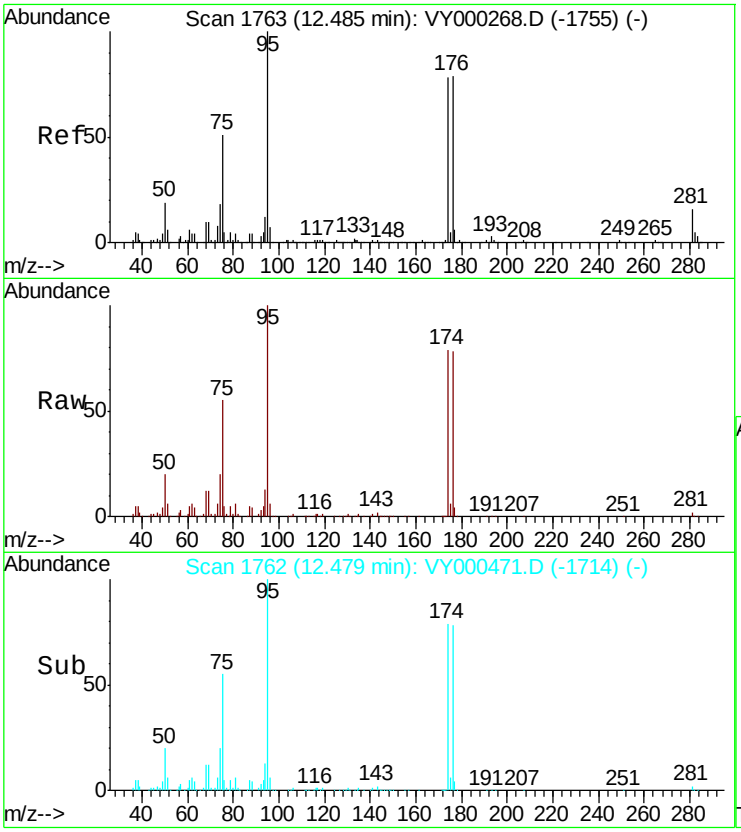




#50
Toluene-d8
Concen: 50.381 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000471.D
Acq: 29 Oct 2019 13:56

Tgt Ion: 98 Resp: 395822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.8 | 52.8 | 79.2 |



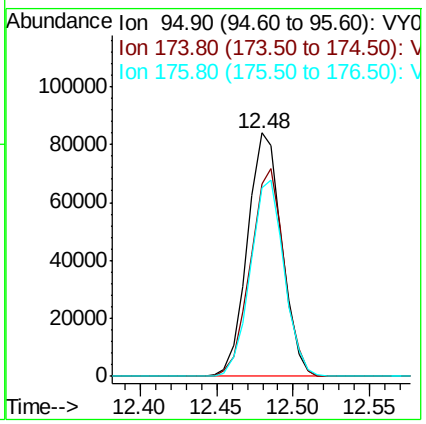


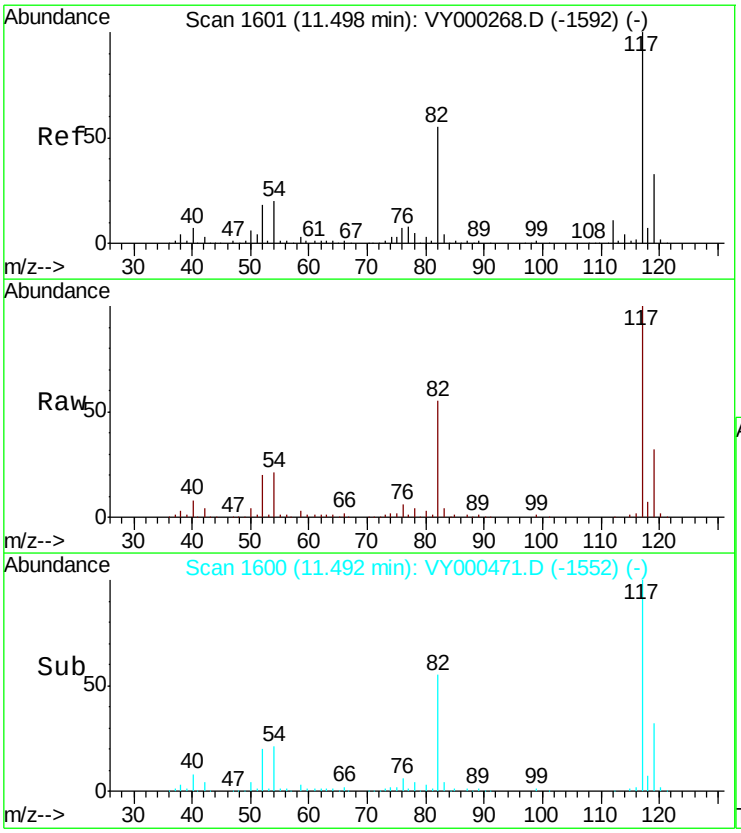

#62
4-Bromofluorobenzene
Concen: 43.815 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000471.D
Acq: 29 Oct 2019 13:56

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

Tgt Ion: 95 Resp: 130777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 84.0 | 0.0 | 159.6 |
| 176 | 79.7 | 0.0 | 153.8 |

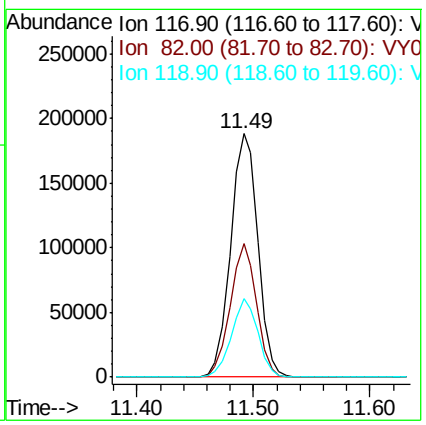


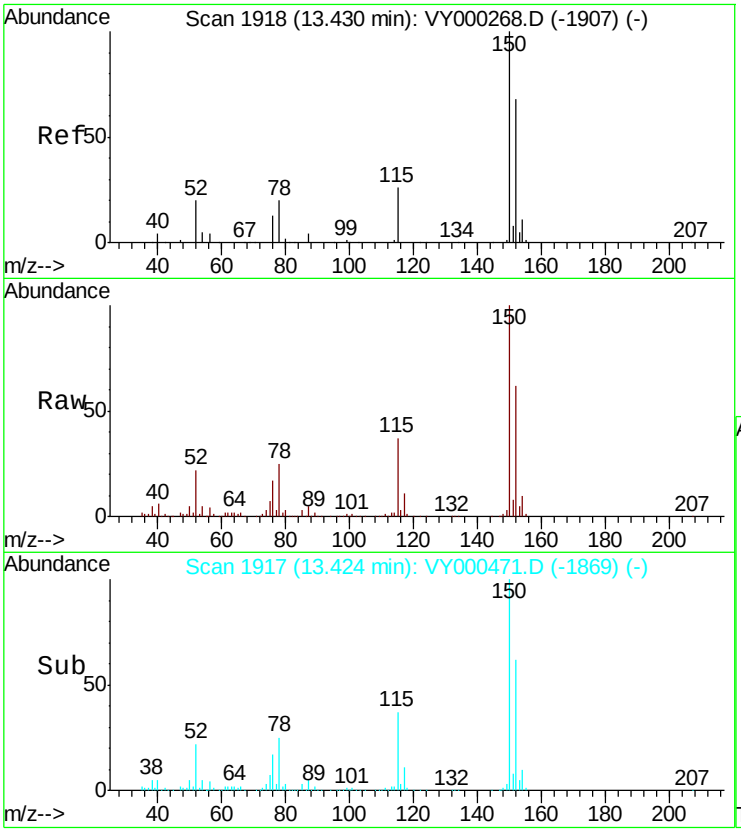




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000471.D
Acq: 29 Oct 2019 13:56

Tgt Ion:117 Resp: 305101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.7 | 43.7 | 65.5 |
| 119 | 32.2 | 26.6 | 39.8 |



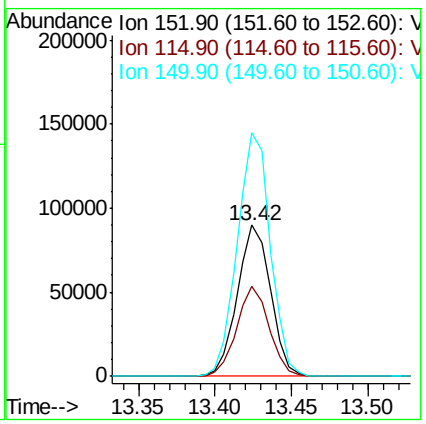


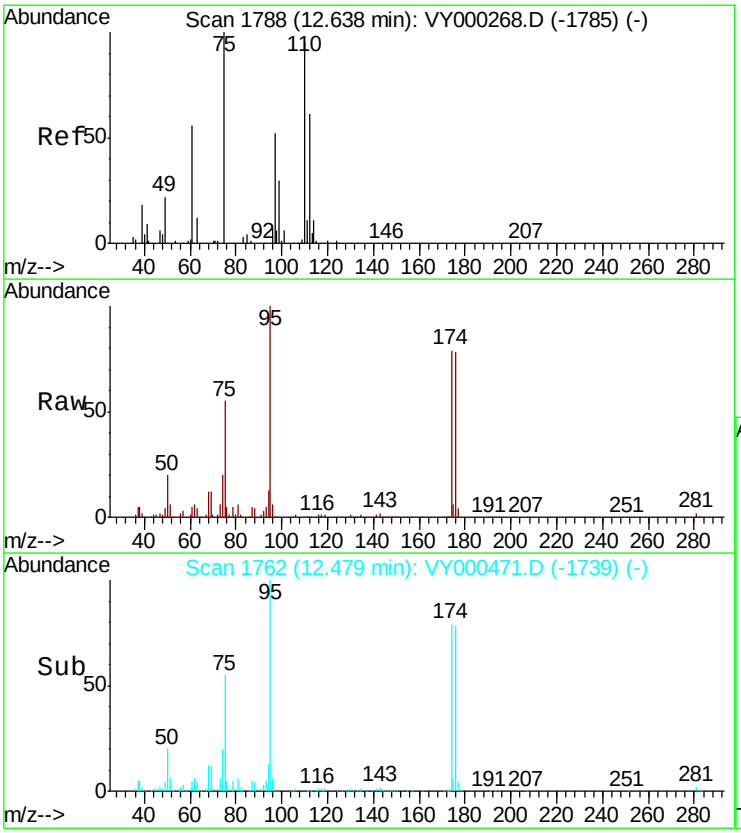

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000471.D
Acq: 29 Oct 2019 13:56

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

Tgt Ion:152 Resp: 135683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.4 | 29.3 | 88.0 |
| 150 | 160.0 | 0.0 | 348.4 |

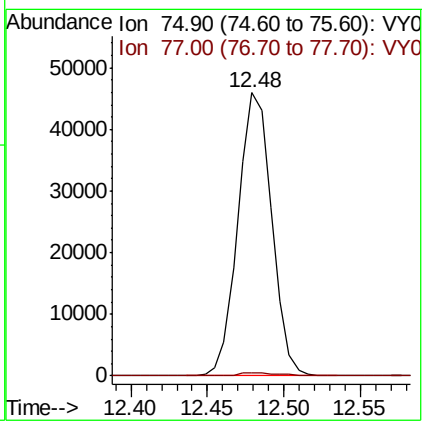


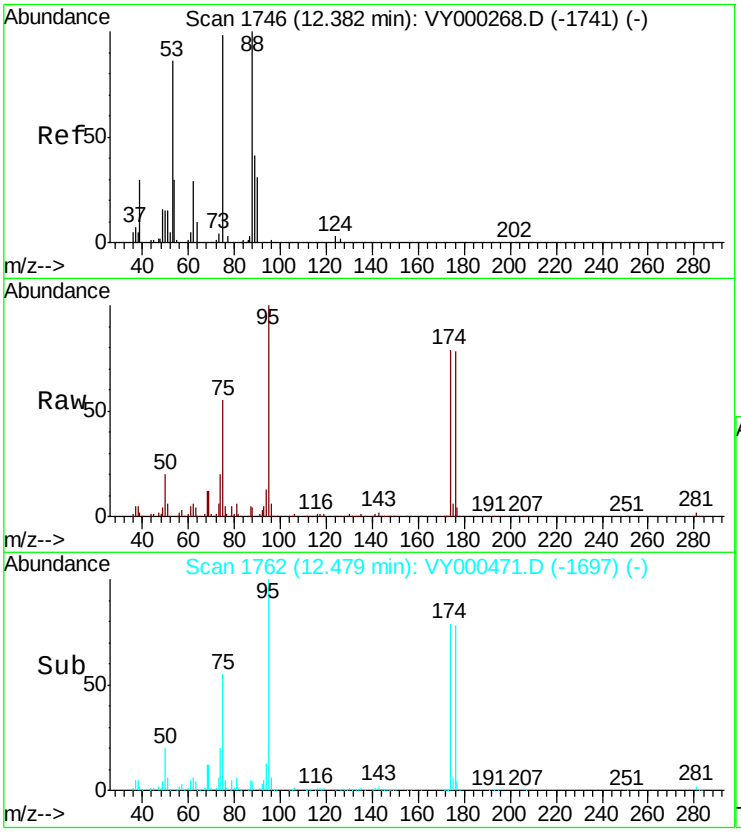




#76
1,2,3-Trichloropropane
Concen: 42.084 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000471.D
Acq: 29 Oct 2019 13:56

Tgt Ion: 75 Resp: 70215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.2 | 0.0 | 0.0# |






#81
trans-1,4-Dichloro-2-butene
Concen: 92.079 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000471.D
Acq: 29 Oct 2019 13:56

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

Tgt Ion: 75 Resp: 70215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 71.3 | 106.9# |
| 89 | 0.0 | 35.1 | 52.7# |