Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102219\
Data File : VY000368.D
Acq On : 22 Oct 2019 16:53
Operator : SY/MD
Sample : K5494-01
Misc : 6.39G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** TP1-2FT

Quant Time: Oct 23 08:03:43 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 | 38437 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.70 | 114 | 57154 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.49 | 117 | 41877 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152 | 17483 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.16 | 65 | 17773 | 43.84 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 87.68% | | | |
| 35) Dibromofluoromethane | 7.74 | 113 | 14252 | 41.34 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 82.68% | | | |
| 50) Toluene-d8 | 10.19 | 98 | 61147 | 46.11 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.22% | | | |
| 62) 4-Bromofluorobenzene | 12.49 | 95 | 17363 | 34.46 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 68.92% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 2.11 | 50 | 742 | 1.580 | ug/l | 97 |
| 10) Methyl Iodide | 4.12 | 142 | 60 | 1.290 | ug/l # | 81 |
| 11) Tert butyl alcohol | 4.95 | 59 | 49 | 1.155 | ug/l # | 73 |
| 13) Acrolein | 3.80 | 56 | 50 | 1.005 | ug/l # | 64 |
| 16) Acetone | 3.97 | 43 | 657 | 5.004 | ug/l # | 42 |
| 20) Methylene Chloride | 4.74 | 84 | 680 | Below Cal | # | 64 |
| 31) Cyclohexane | 7.80 | 56 | 820 | 1.057 | ug/l # | 14 |
| 36) 1,1-Dichloropropene | 7.80 | 75 | 3351 | 5.988 | ug/l # | 46 |
| 38) Carbon Tetrachloride | 7.81 | 117 | 3346 | 6.176 | ug/l # | 14 |
| 76) 1,2,3-Trichloropropane | 12.48 | 75 | 9290 | 43.213 | ug/l # | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.48 | 75 | 9290 | 94.549 | ug/l # | 14 |
| 95) Naphthalene | 15.23 | 128 | 1465 | 1.743 | ug/l # | 95 |

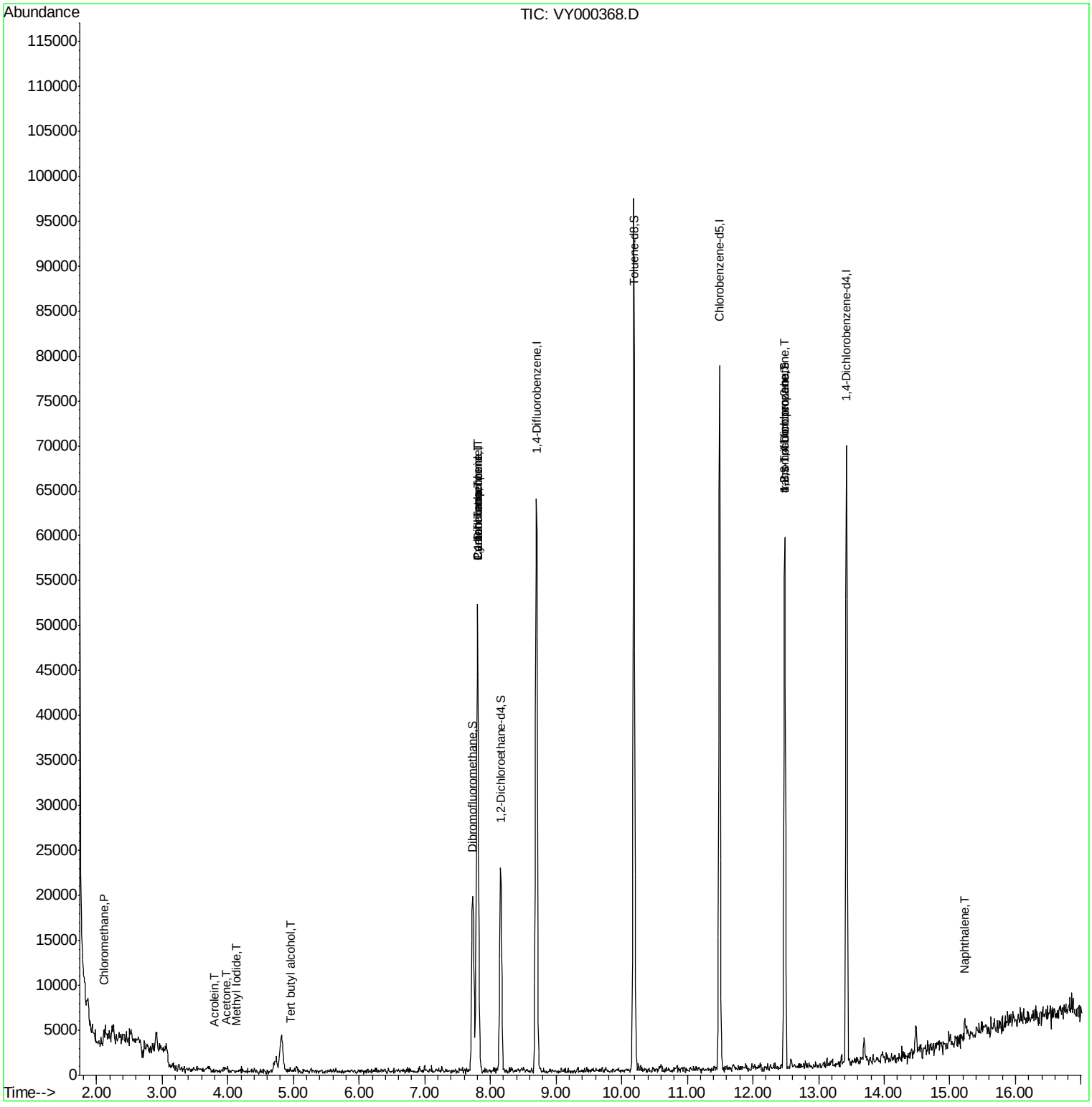
(#) = qualifier out of range (m) = manual integration (+) = signals summed

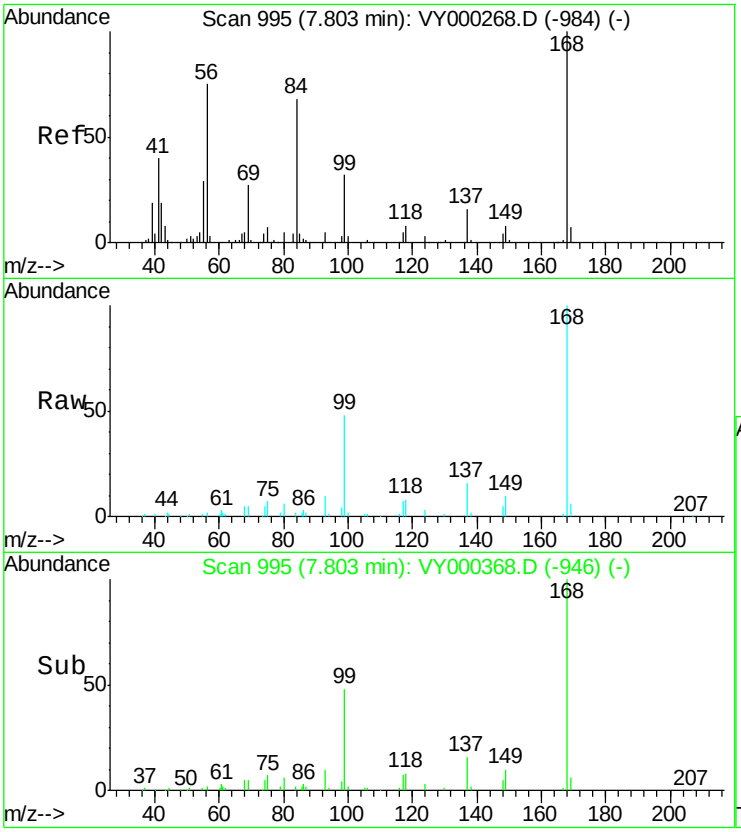
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102219\
Data File : VY000368.D
Acq On : 22 Oct 2019 16:53
Operator : SY/MD
Sample : K5494-01
Misc : 6.39G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP1-2FT

Quant Time: Oct 23 08:03:43 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



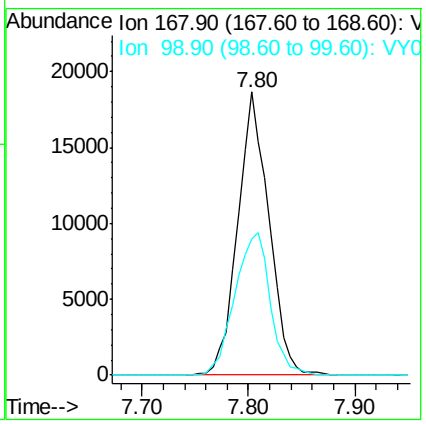


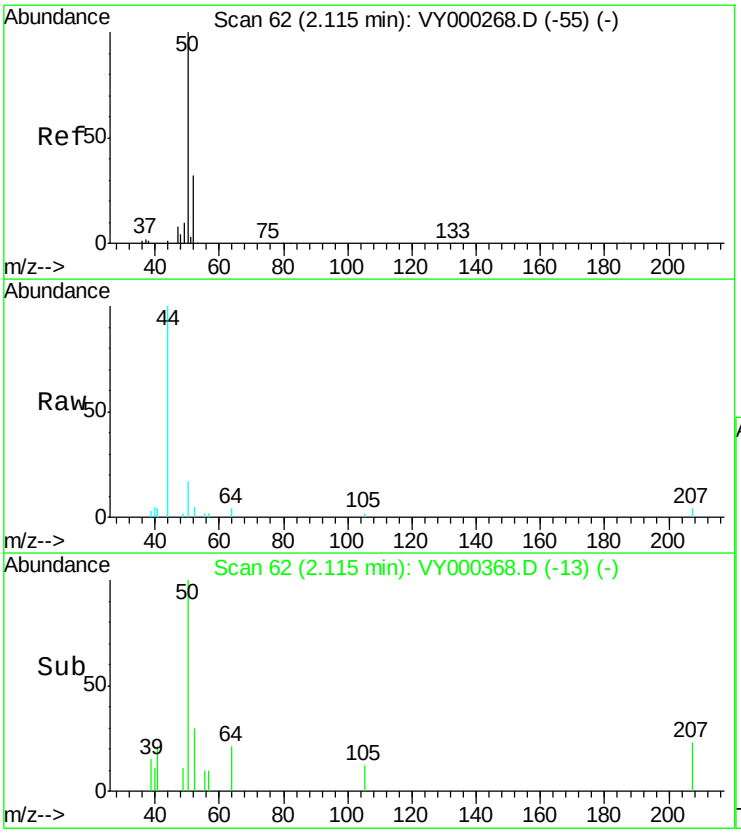

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP1-2FT

Tgt Ion:168 Resp: 38437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.0 | 46.6 | 69.8 |

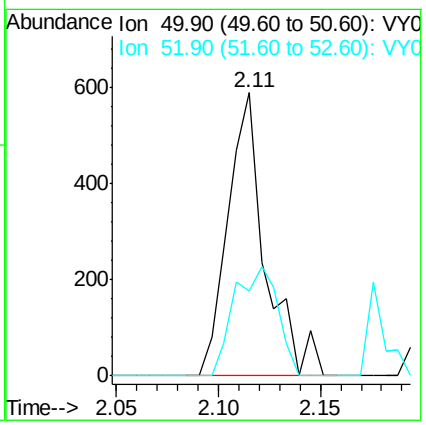


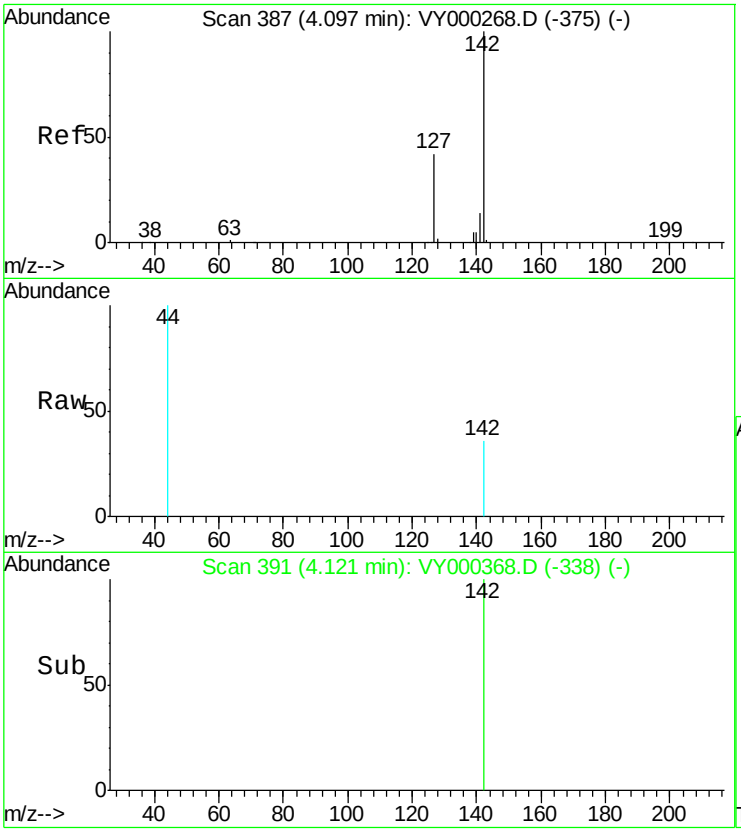




#3
Chloromethane
Concen: 1.580 ug/l
RT: 2.11 min Scan# 62
Delta R.T. -0.00 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

Tgt Ion: 50 Resp: 742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 30.1 | 25.3 | 37.9 |



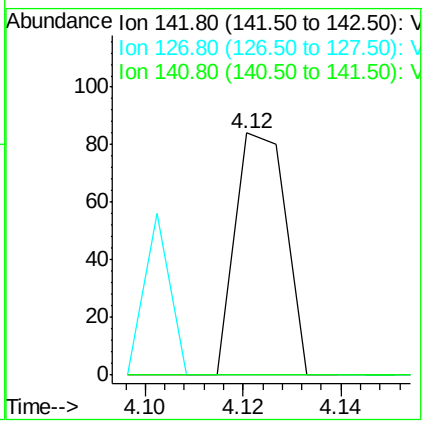


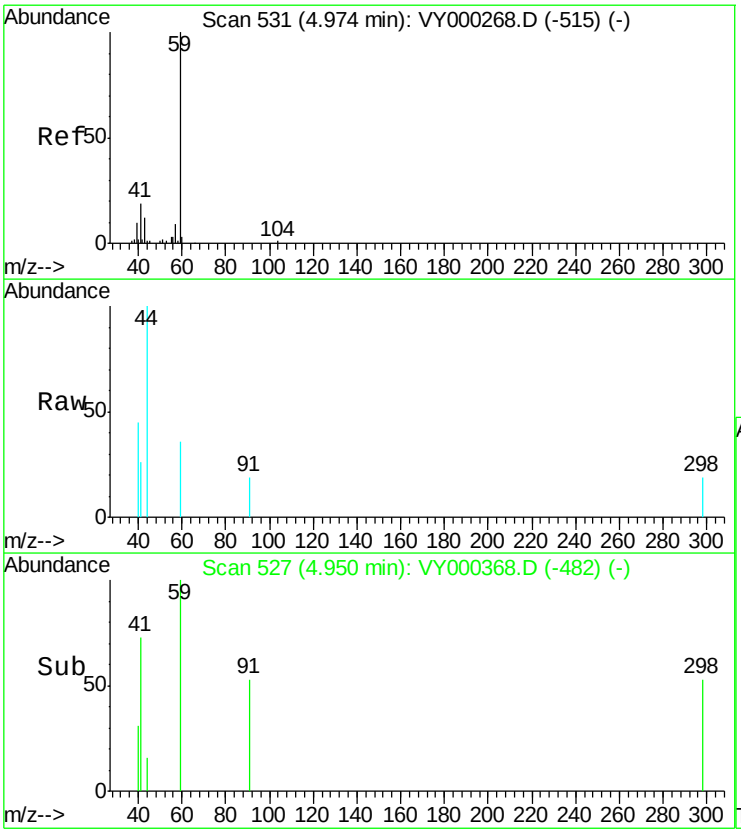

#10
Methyl Iodide
Concen: 1.290 ug/l
RT: 4.12 min Scan# 391
Delta R.T. 0.02 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP1-2FT

Tgt Ion:142 Resp: 60

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 33.3 | 33.9 | 50.9# |
| 141 | 0.0 | 11.2 | 16.8# |

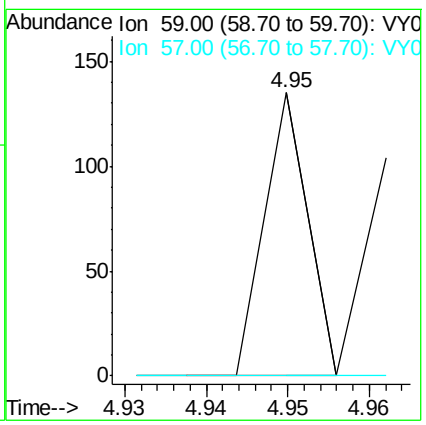


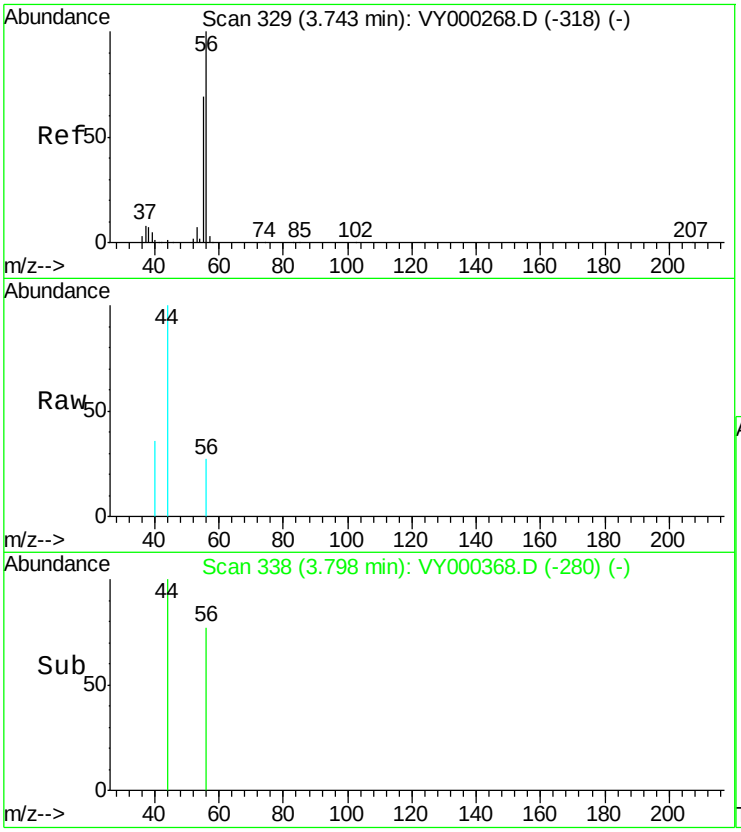




#11
Tert butyl alcohol
Concen: 1.155 ug/l
RT: 4.95 min Scan# 527
Delta R.T. -0.02 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

Tgt Ion: 59 Resp: 49

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



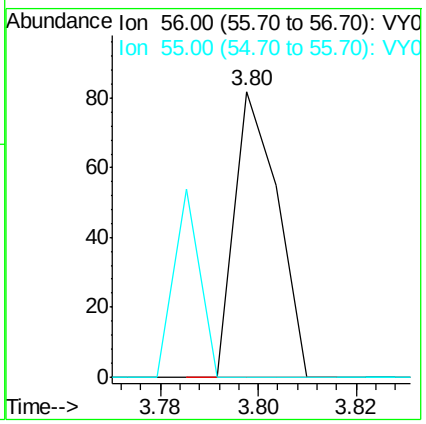


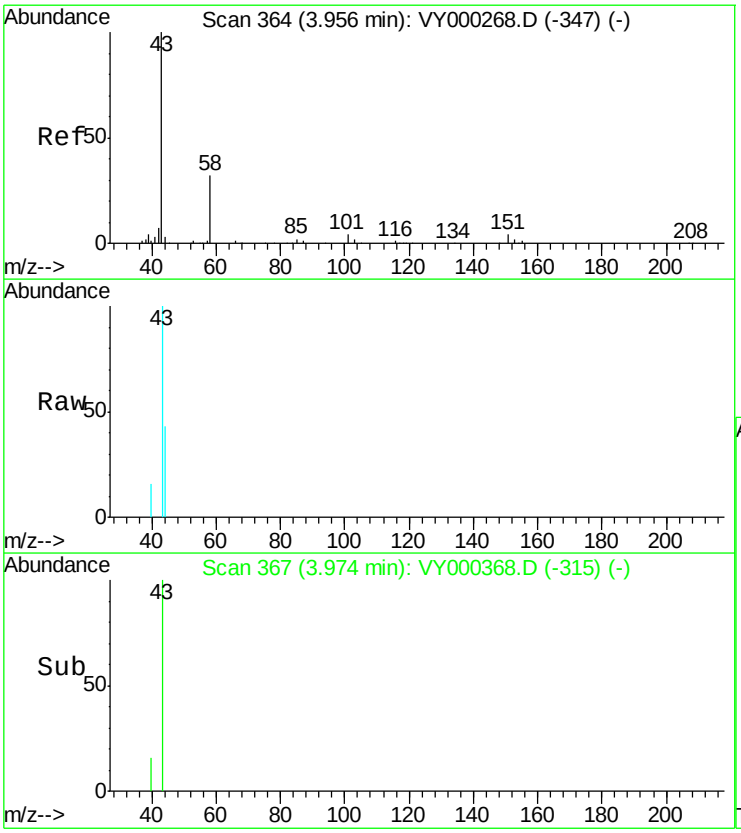

#13
Acrolein
Concen: 1.005 ug/l
RT: 3.80 min Scan# 338
Delta R.T. 0.05 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

**Instrument :** MSVOA_Y
**ClientSampleId :** TP1-2FT

Tgt Ion: 56 Resp: 50

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 40.0 | 55.7 | 83.5# |

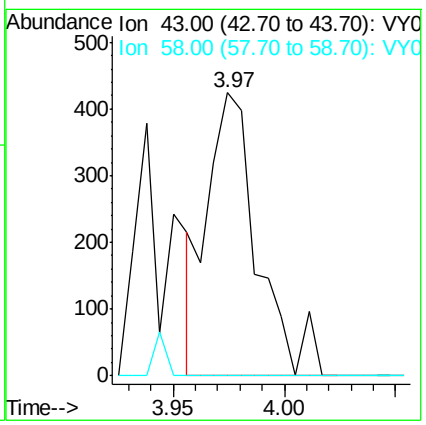


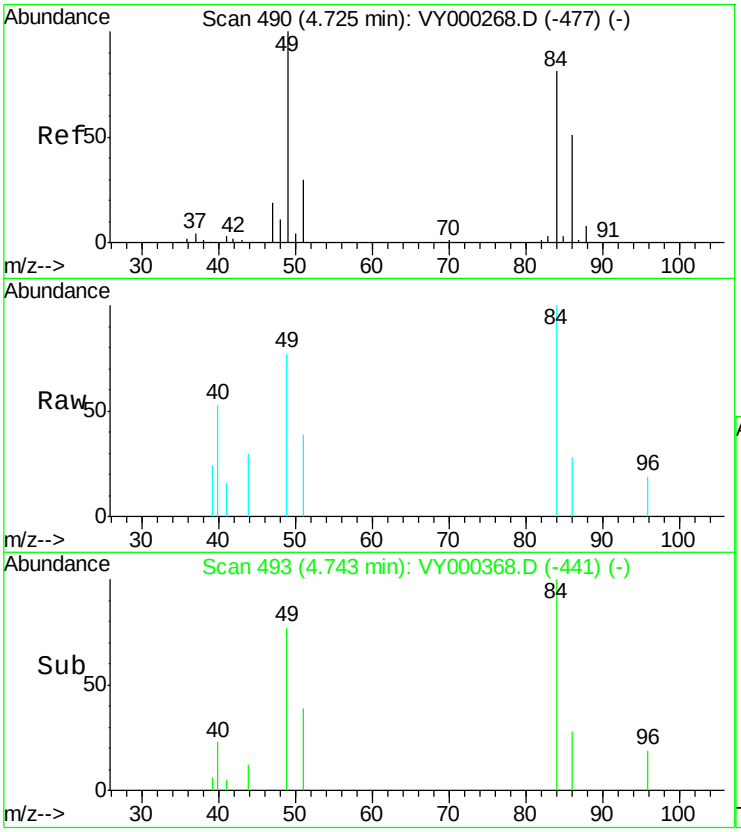




#16
Acetone
Concen: 5.004 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.02 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

Tgt Ion: 43 Resp: 657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 25.8 | 38.6# |



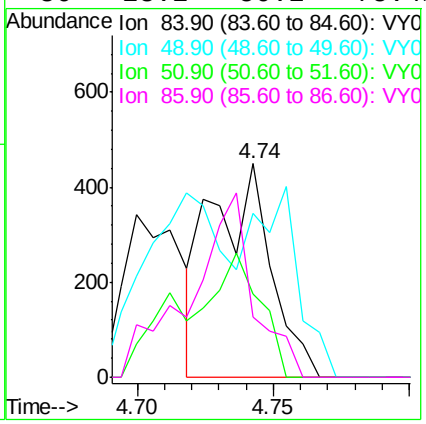


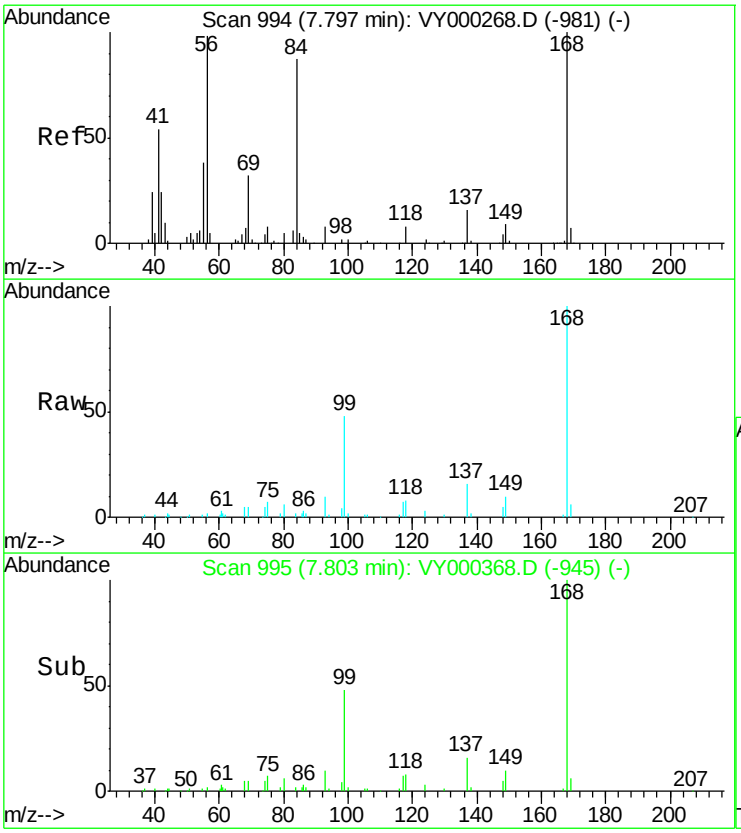

#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 493
Delta R.T. 0.02 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

**Instrument :** MSVOA_Y
**ClientSampleId :** TP1-2FT

Tgt Ion: 84 Resp: 680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 76.9 | 99.0 | 148.4# |
| 51 | 38.9 | 29.3 | 43.9 |
| 86 | 28.2 | 50.2 | 75.4# |

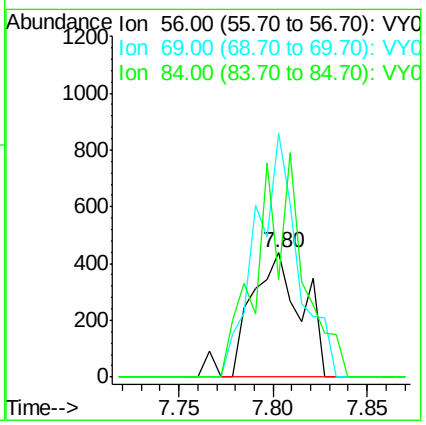


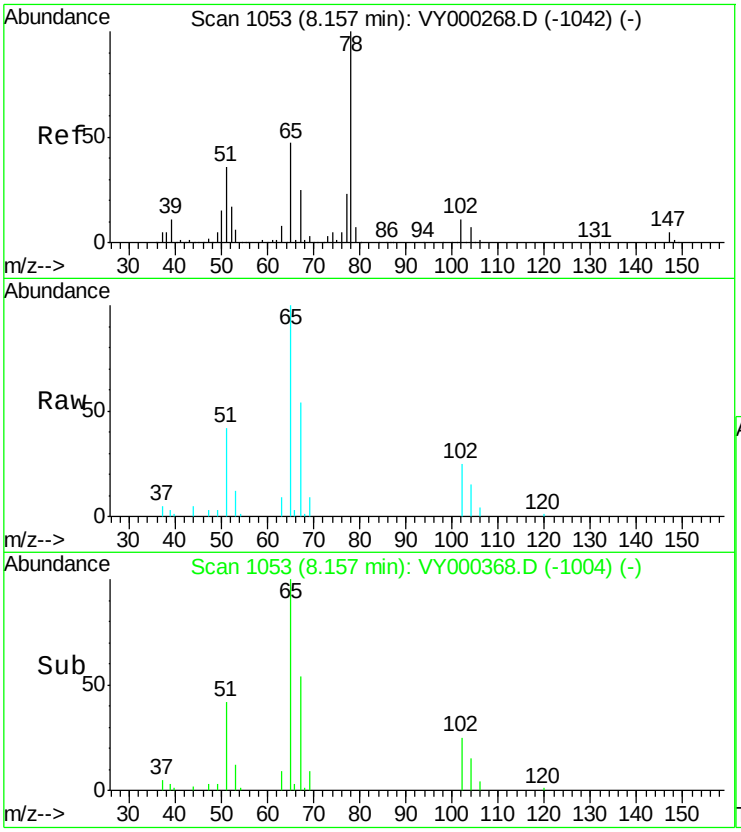




#31
Cyclohexane
Concen: 1.057 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

Tgt Ion: 56 Resp: 820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 196.3 | 26.3 | 39.5# |
| 84 | 78.7 | 70.8 | 106.2 |



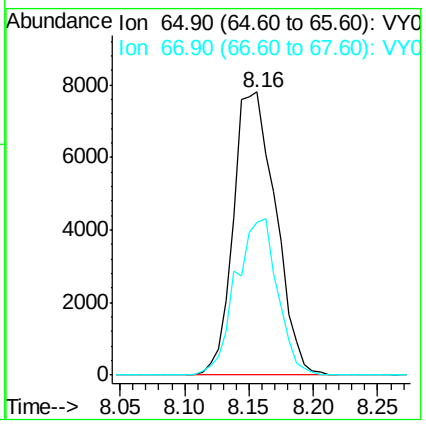


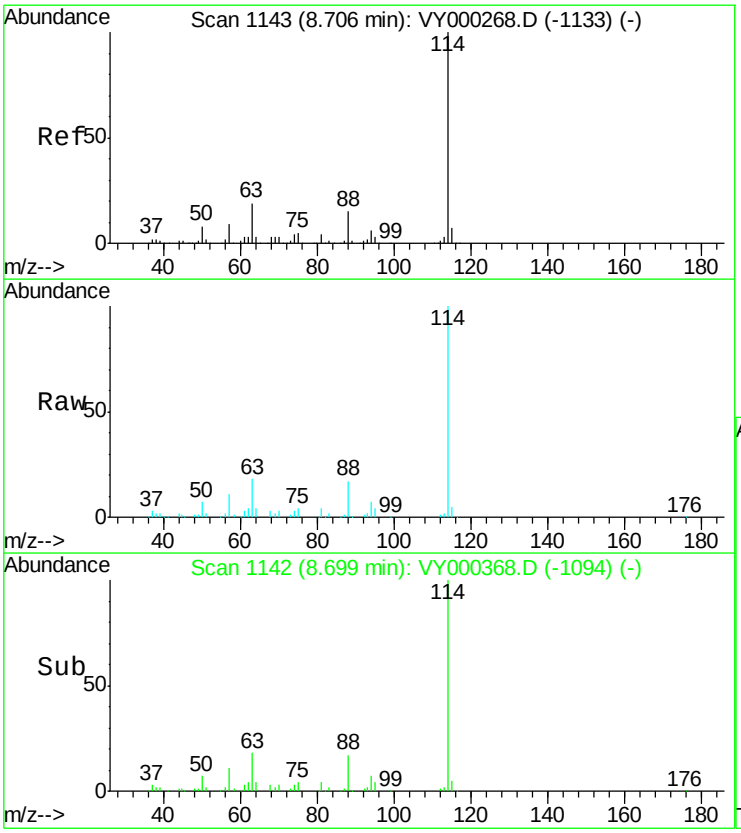

#33
1,2-Dichloroethane-d4
Concen: 43.835 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP1-2FT

Tgt Ion: 65 Resp: 17773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.2 | 0.0 | 109.4 |

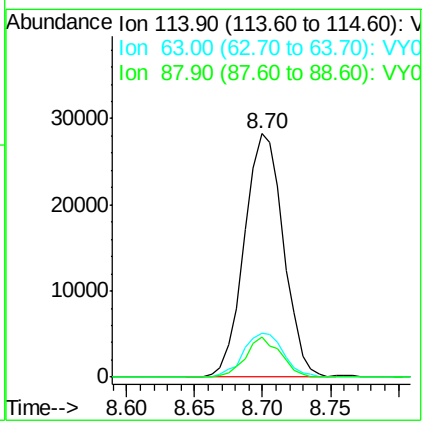


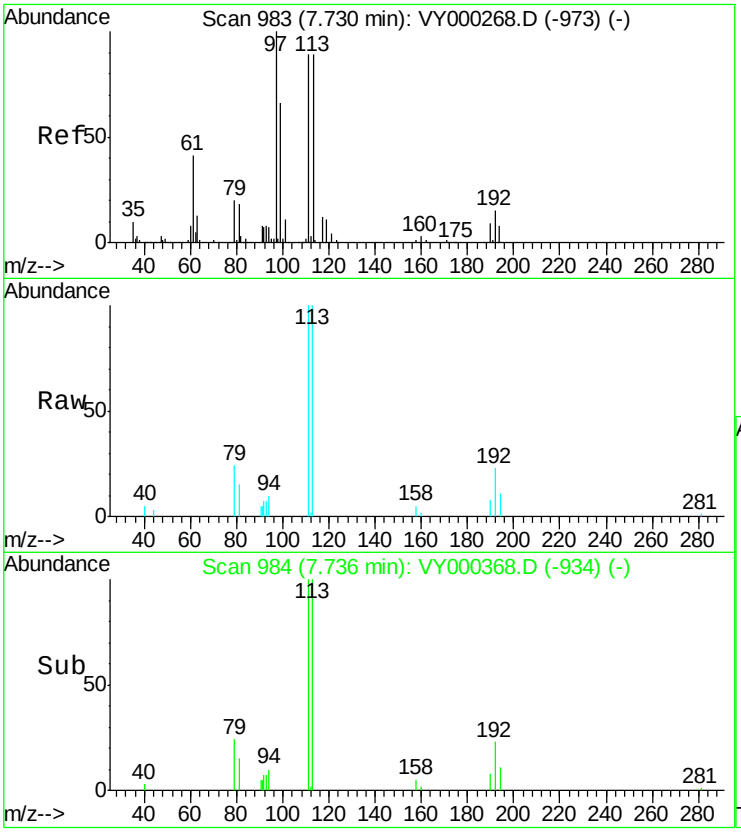




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

Tgt Ion:114 Resp: 57154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.0 | 0.0 | 37.2 |
| 88 | 16.6 | 0.0 | 30.2 |



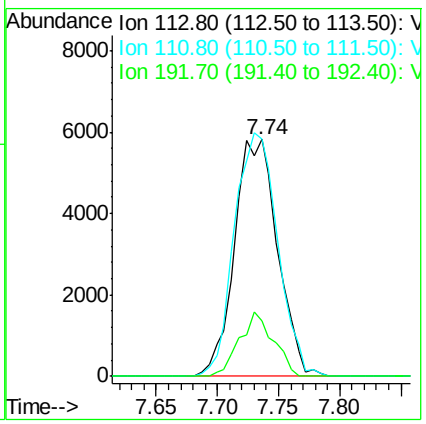


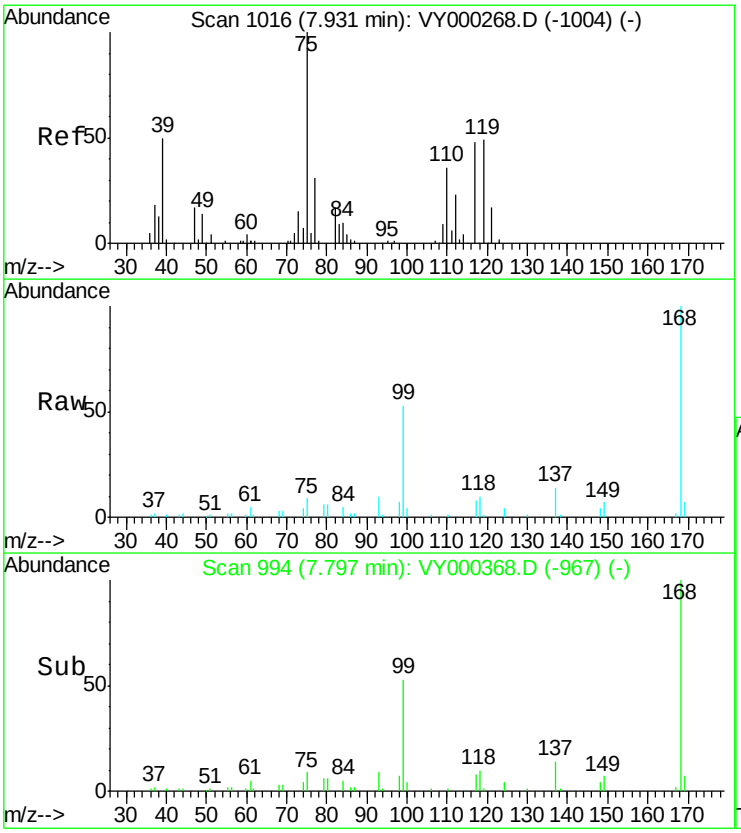

#35
Dibromofluoromethane
Concen: 41.339 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.01 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP1-2FT

Tgt Ion:113 Resp: 14252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.0 | 81.6 | 122.4 |
| 192 | 21.2 | 15.3 | 22.9 |

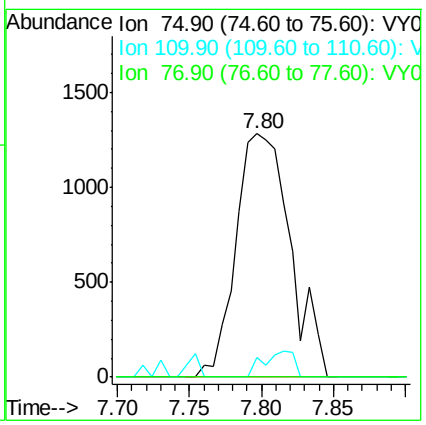


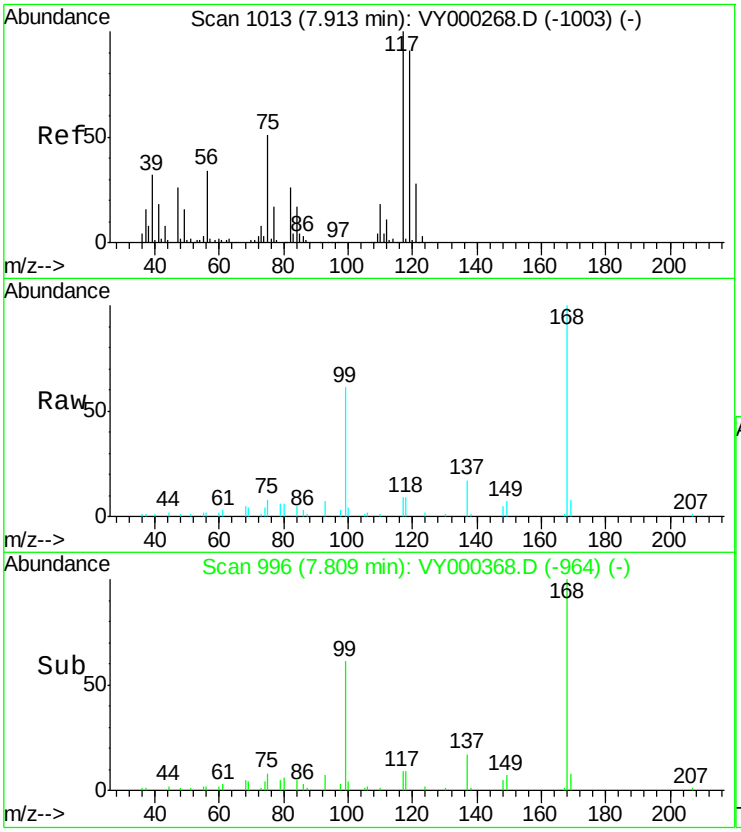




#36
1,1-Dichloropropene
Concen: 5.988 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

Tgt Ion: 75 Resp: 3351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 6.1 | 18.4 | 55.4# |
| 77 | 0.0 | 25.0 | 37.6# |



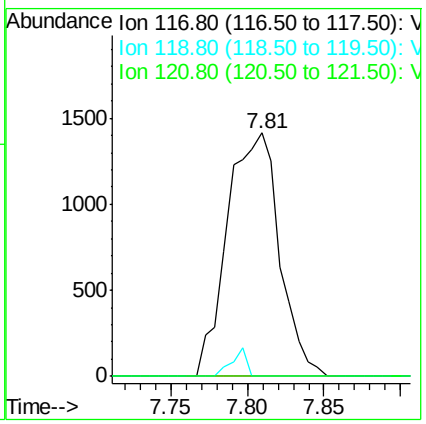


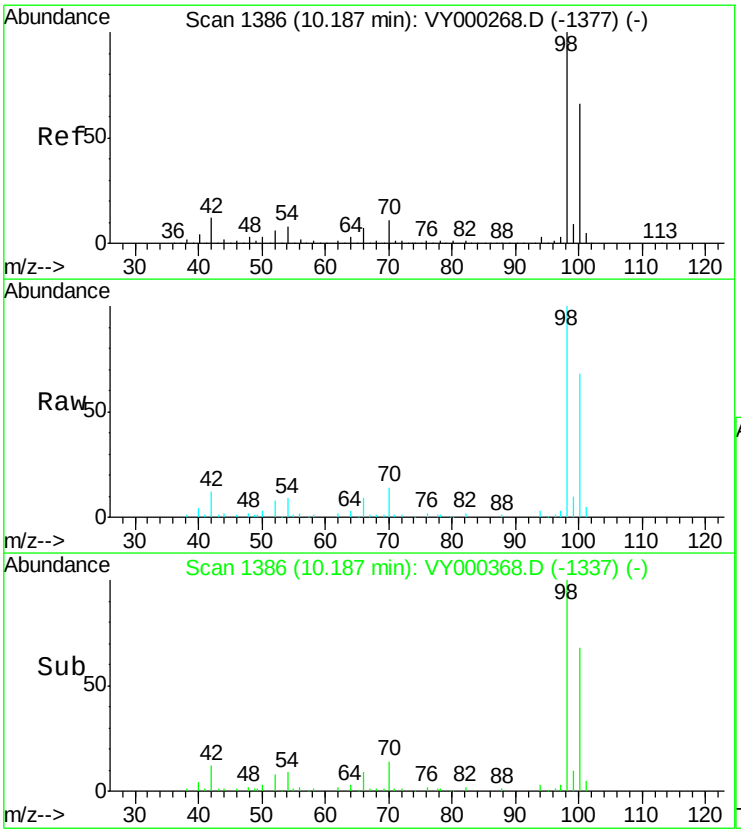

#38
Carbon Tetrachloride
Concen: 6.176 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.10 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP1-2FT

Tgt Ion:117 Resp: 3346

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

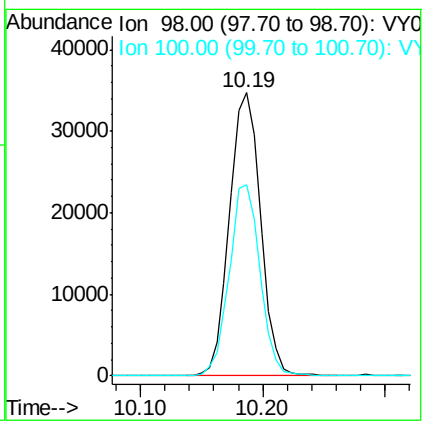


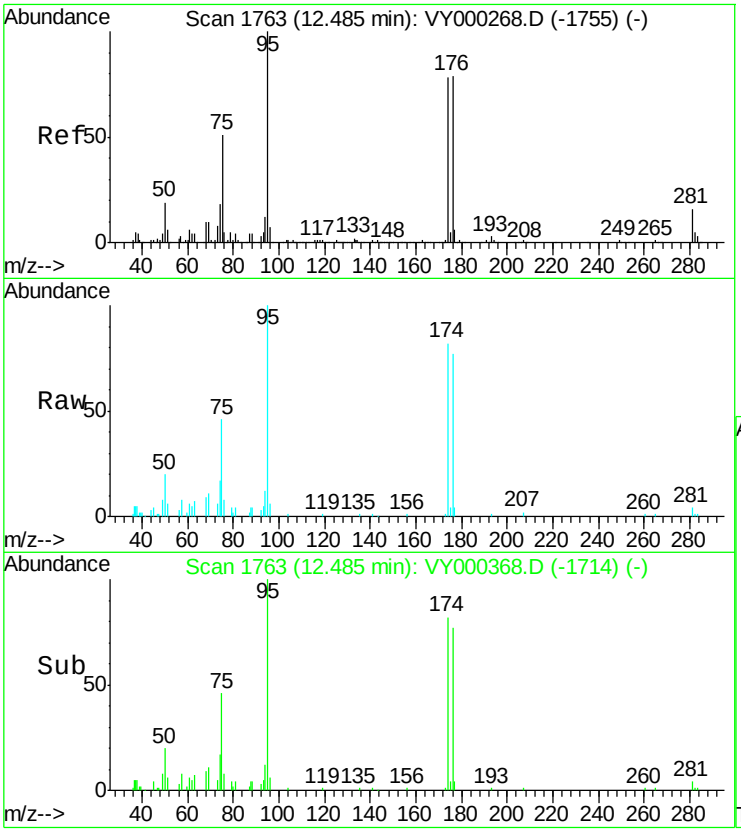




#50
Toluene-d8
Concen: 46.107 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

Tgt Ion: 98 Resp: 61147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.5 | 52.8 | 79.2 |



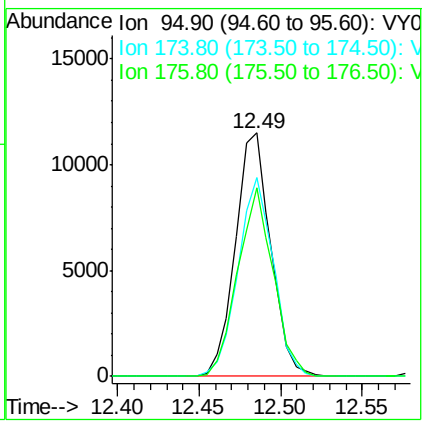


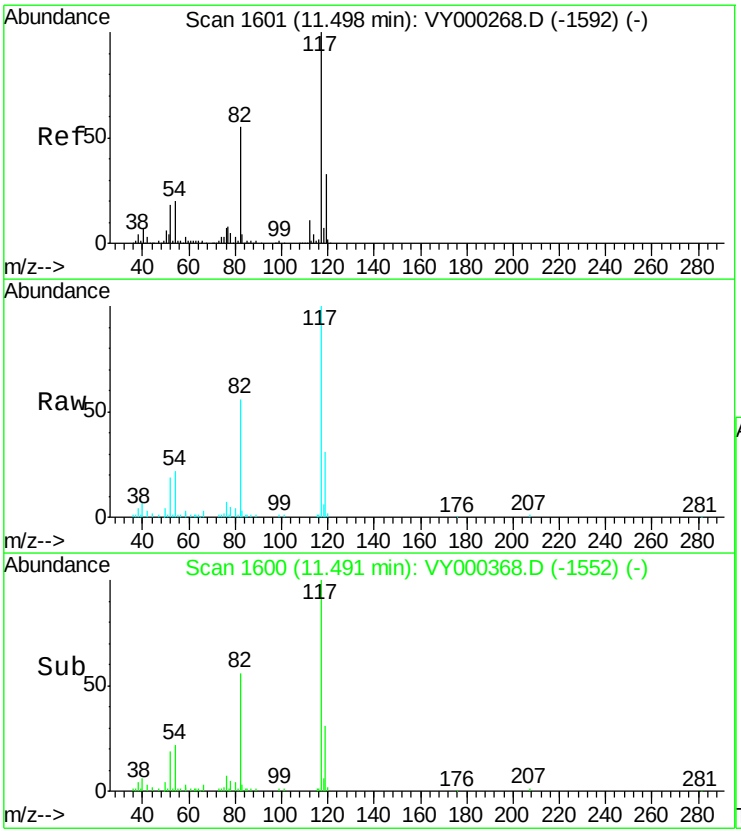

#62
4-Bromofluorobenzene
Concen: 34.462 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP1-2FT

Tgt Ion: 95 Resp: 17363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 82.0 | 0.0 | 159.6 |
| 176 | 77.7 | 0.0 | 153.8 |

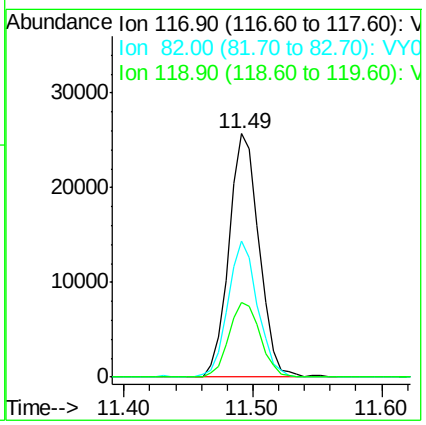


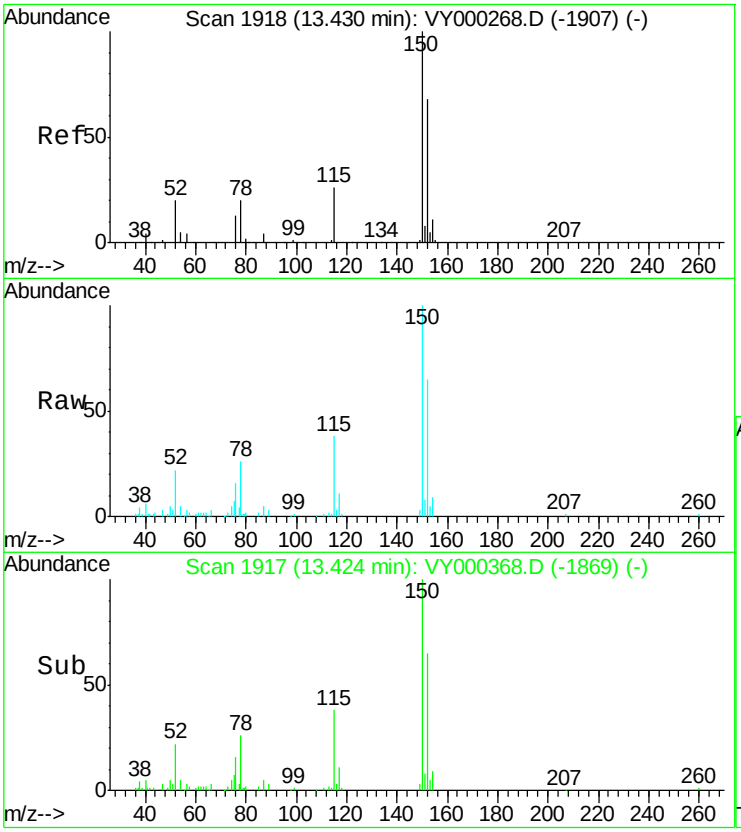




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

Tgt Ion:117 Resp: 41877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.8 | 43.7 | 65.5 |
| 119 | 30.7 | 26.6 | 39.8 |



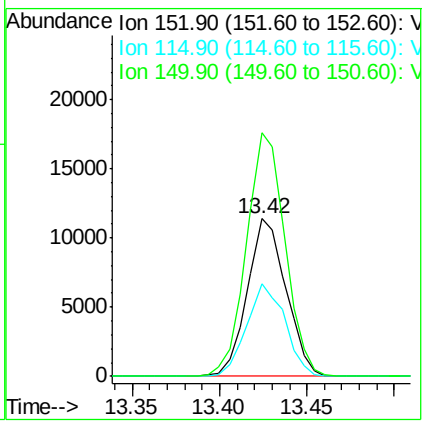


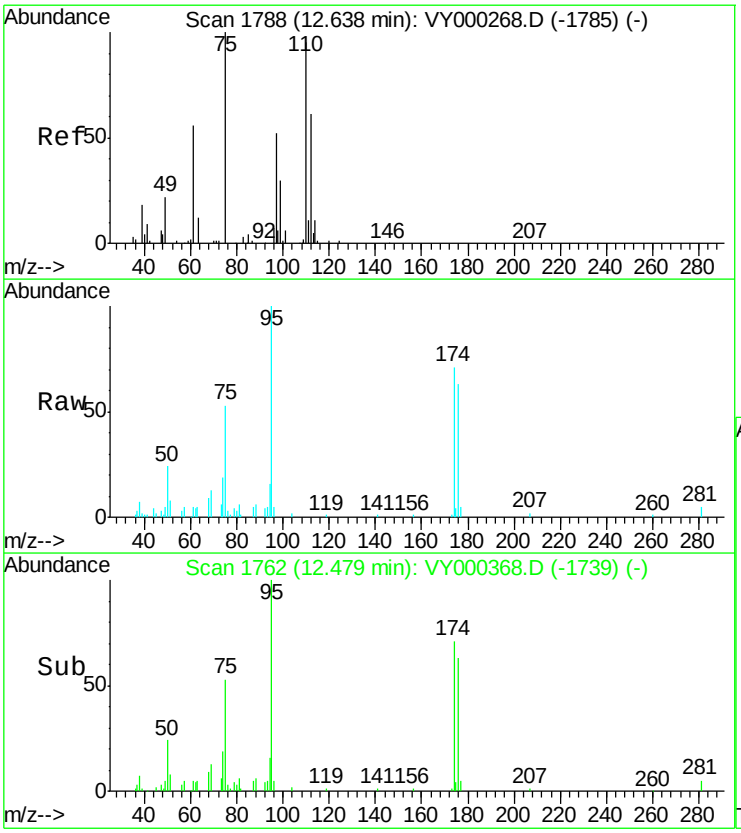

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP1-2FT

Tgt Ion:152 Resp: 17483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.4 | 29.3 | 88.0 |
| 150 | 154.7 | 0.0 | 348.4 |

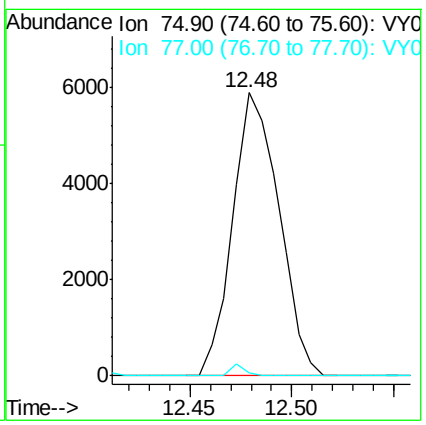


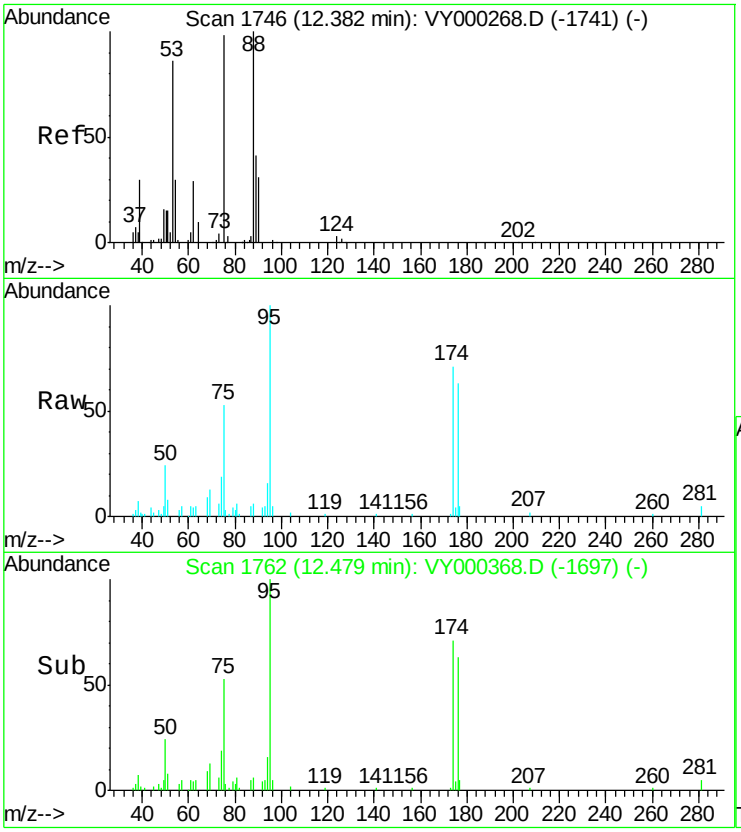




#76
1,2,3-Trichloropropane
Concen: 43.213 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

Tgt Ion: 75 Resp: 9290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.3 | 0.0 | 0.0# |



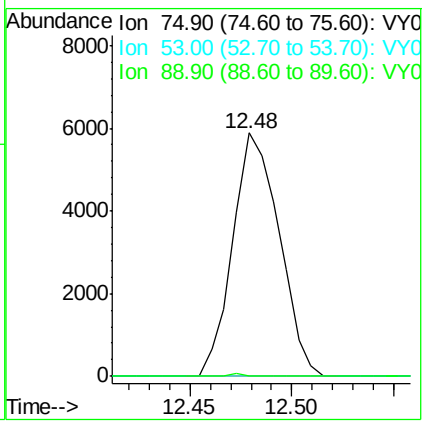


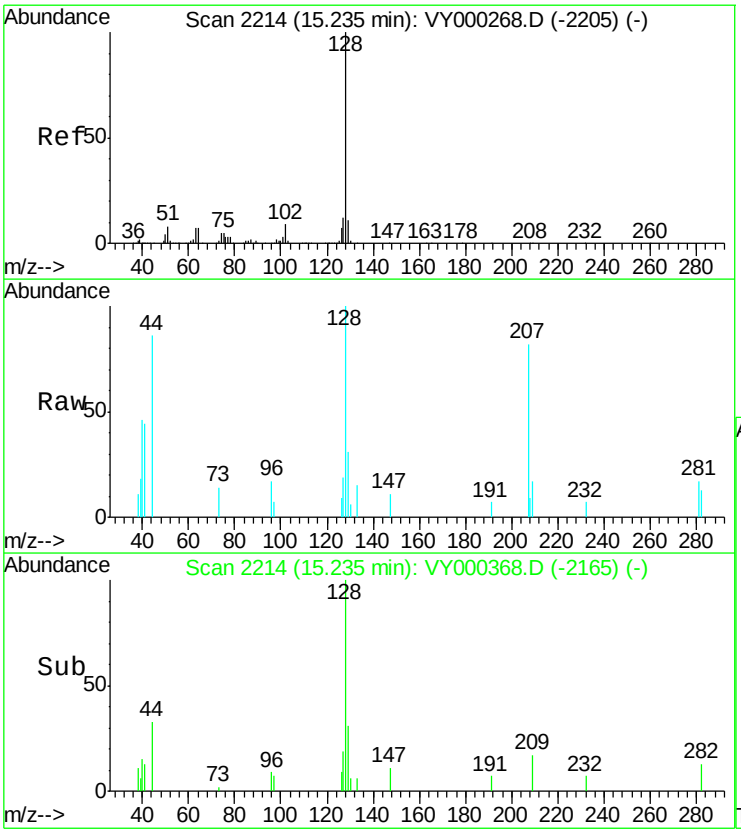

#81
trans-1,4-Dichloro-2-butene
Concen: 94.549 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP1-2FT

Tgt Ion: 75 Resp: 9290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 71.3 | 106.9# |
| 89 | 0.3 | 35.1 | 52.7# |




#95
Naphthalene
Concen: 1.743 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000368.D
Acq: 22 Oct 2019 16:53

Tgt Ion:128 Resp: 1465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.4 | 9.6 | 14.4 |
| 129 | 14.1 | 8.7 | 13.1# |