

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121819\  
 Data File : VY000999.D  
 Acq On : 18 Dec 2019 16:28  
 Operator : SY/MD  
 Sample : K6370-01  
 Misc : 3.98G/5ML/MSVOA Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP1-3

Quant Time: Dec 19 08:14:48 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y112719S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 27 12:40:47 2019  
 Response via : Initial Calibration

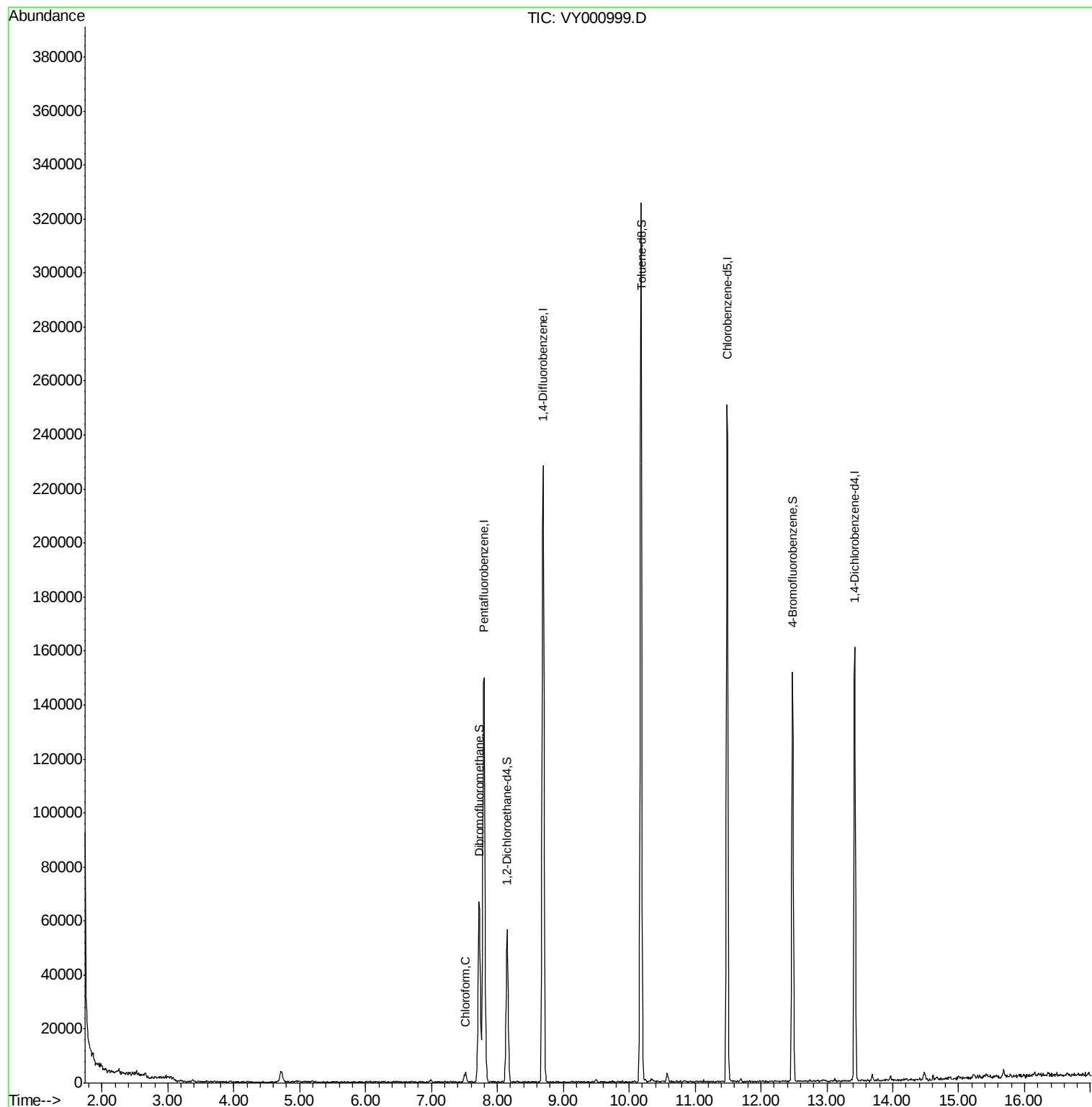
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) Pentafluorobenzene       | 7.80  | 168  | 115844   | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.69  | 114  | 195971   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.49 | 117  | 136081   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.42 | 152  | 39833    | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.14  | 65   | 41665    | 33.85 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 67.70% |          |
| 35) Dibromofluoromethane    | 7.72  | 113  | 48911    | 42.82 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 85.64% |          |
| 50) Toluene-d8              | 10.18 | 98   | 217871   | 47.71 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.42% |          |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 46337    | 27.02 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 54.04% |          |
| Target Compounds            |       |      |          |       |        |          |
| 30) Chloroform              | 7.52  | 83   | 3455     | 1.396 | ug/l # | 58       |

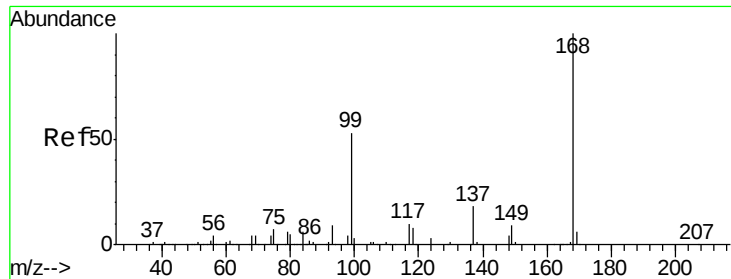
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
TP1-3

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y112719S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 27 12:40:47 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000999.D

Acq: 18 Dec 2019 16:28

Instrument :

MSVOA\_Y

ClientSampleId :

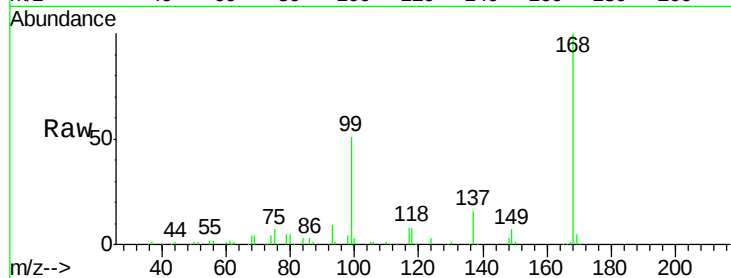
TP1-3

Tot Ion:168 Resp: 115844

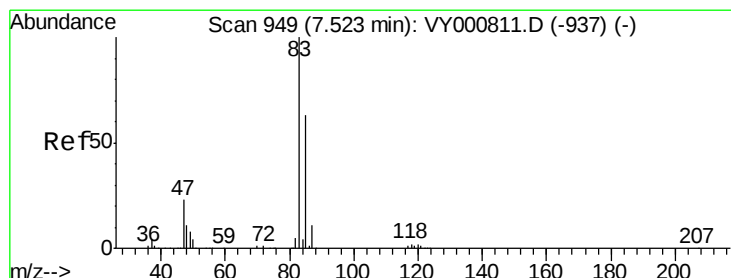
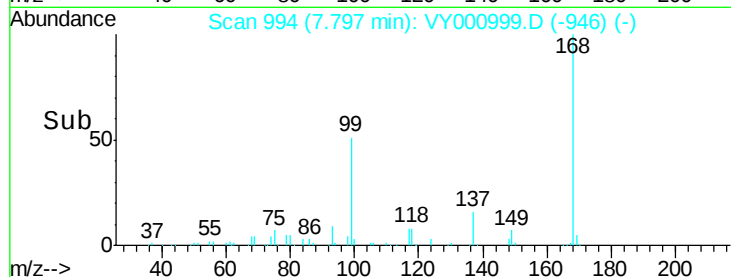
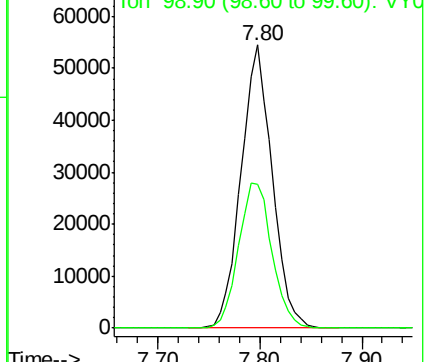
Ion Ratio Lower Upper

168 100

99 50.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000999.D (-946) (-)



#30

Chloroform

Concen: 1.396 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY000999.D

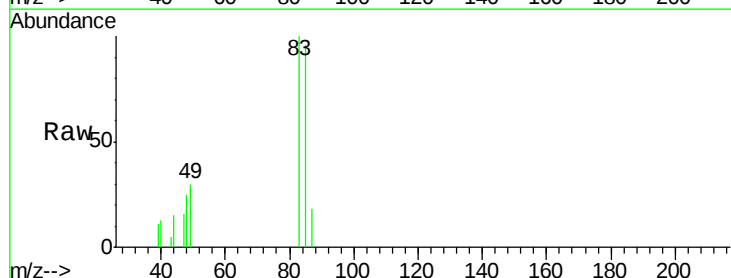
Acq: 18 Dec 2019 16:28

Tgt Ion: 83 Resp: 3455

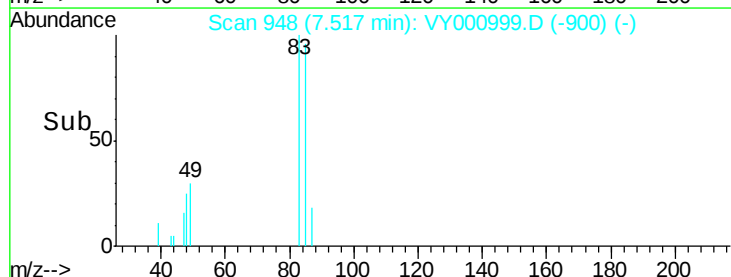
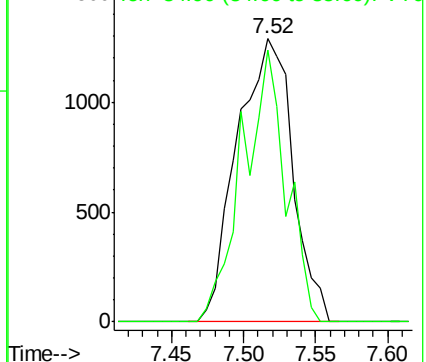
Ion Ratio Lower Upper

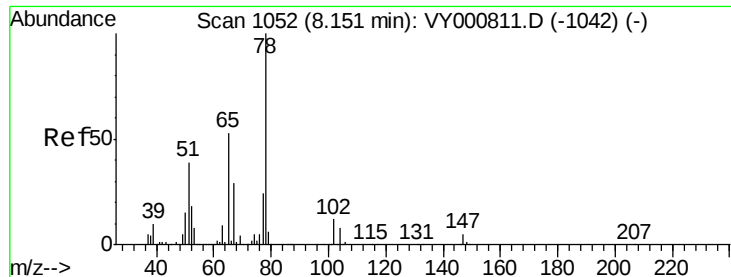
83 100

85 95.9 50.4 75.6#



Abundance Ion 82.90 (82.60 to 83.60): VY000999.D (-900) (-)

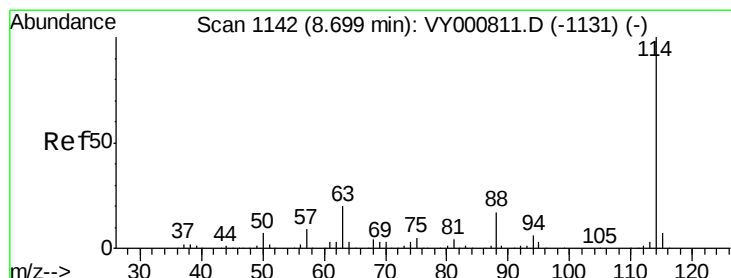
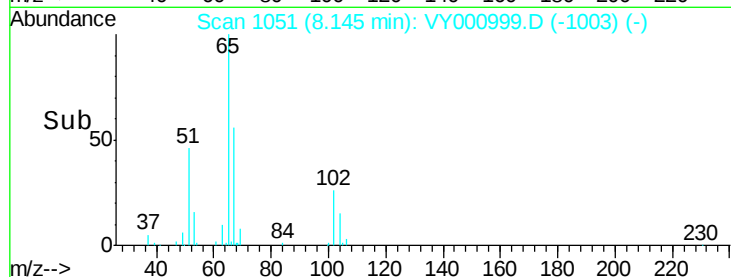
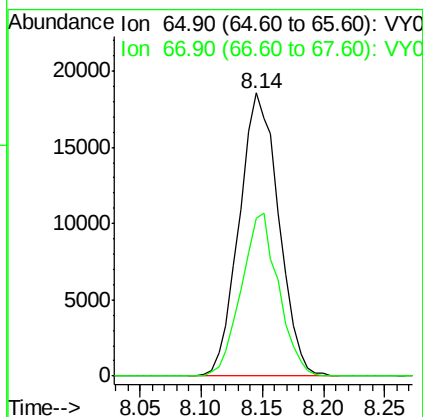
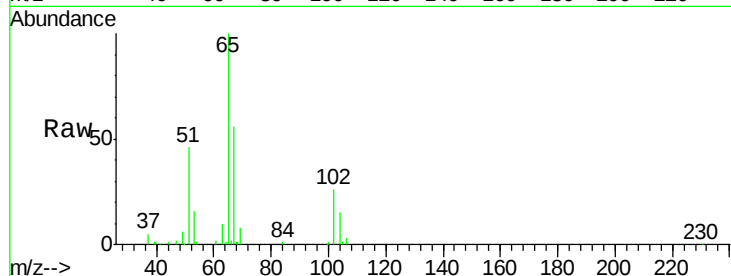




#33  
 1,2-Dichloroethane-d4  
 Concen: 33.848 ug/l  
 RT: 8.14 min Scan# 1051  
 Delta R.T. -0.01 min  
 Lab File: VY000999.D  
 Acq: 18 Dec 2019 16:28

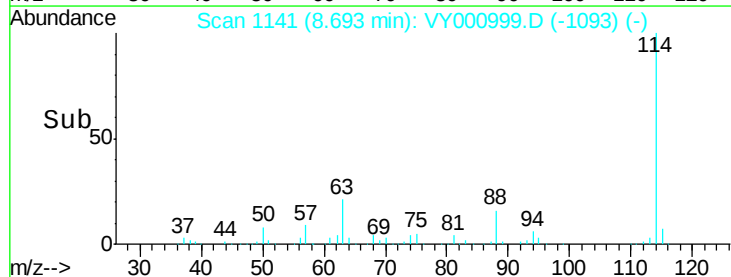
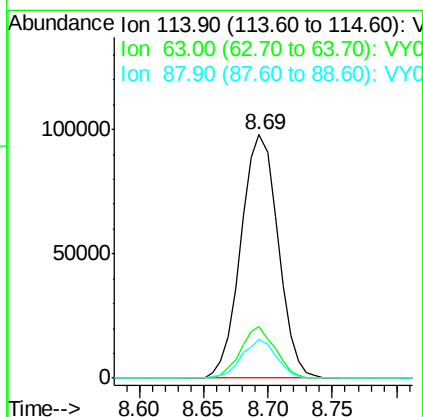
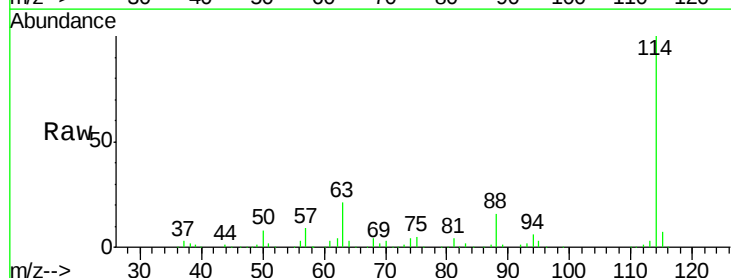
Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 TP1-3

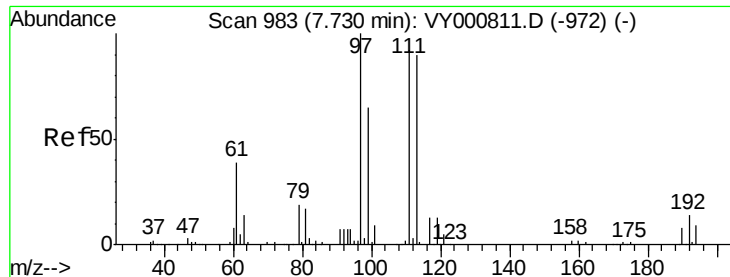
Tot Ion: 65 Resp: 41665  
 Ion Ratio Lower Upper  
 65 100  
 67 54.1 0.0 112.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1141  
 Delta R.T. -0.01 min  
 Lab File: VY000999.D  
 Acq: 18 Dec 2019 16:28

Tgt Ion: 114 Resp: 195971  
 Ion Ratio Lower Upper  
 114 100  
 63 21.4 0.0 39.8  
 88 15.9 0.0 33.2

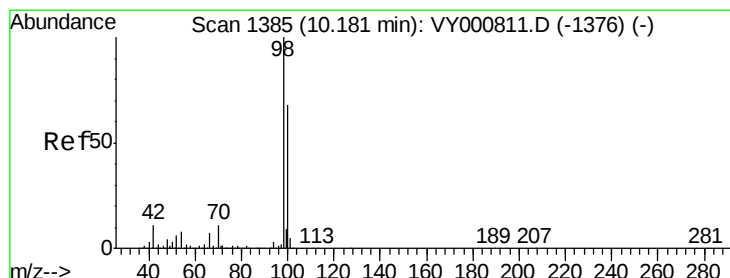
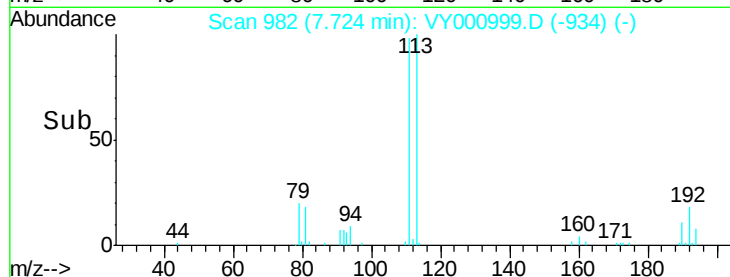
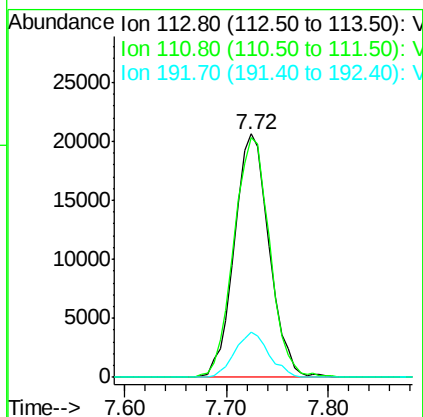
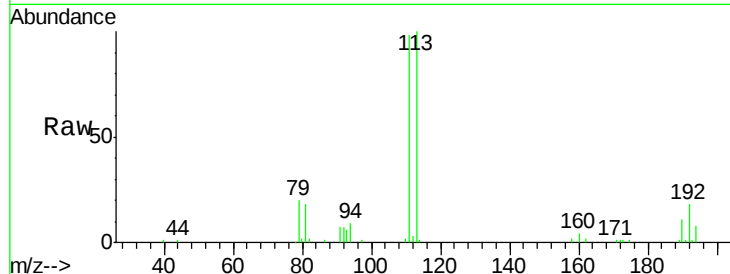




#35  
Dibromofluoromethane  
Concen: 42.825 ug/l  
RT: 7.72 min Scan# 982  
Delta R.T. -0.01 min  
Lab File: VY000999.D  
Acq: 18 Dec 2019 16:28

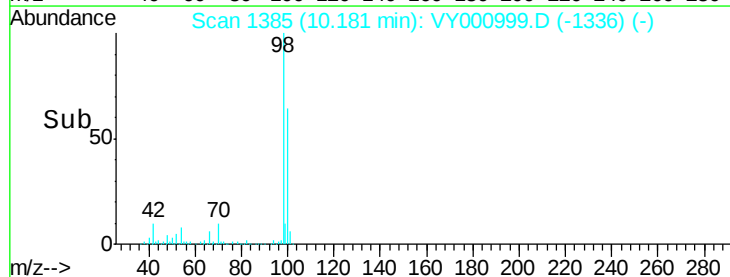
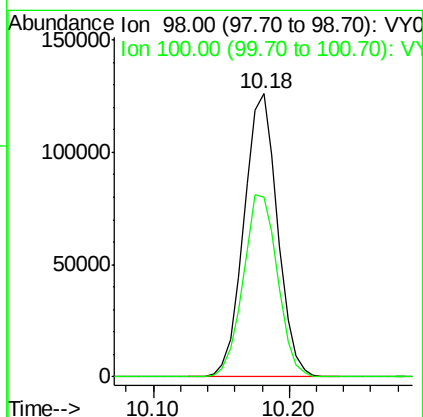
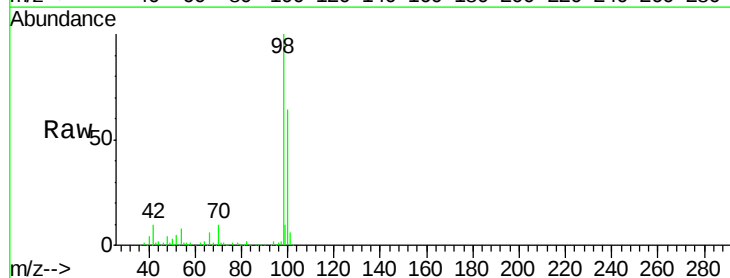
Instrument :  
MSVOA\_Y  
ClientSampled :  
TP1-3

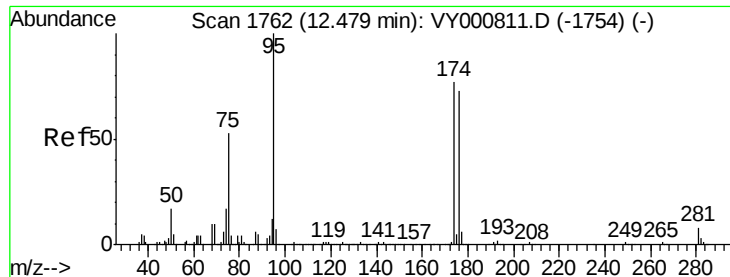
Tot Ion:113 Resp: 48911  
Ion Ratio Lower Upper  
113 100  
111 101.6 82.4 123.6  
192 18.3 14.2 21.2



#50  
Toluene-d8  
Concen: 47.715 ug/l  
RT: 10.18 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VY000999.D  
Acq: 18 Dec 2019 16:28

Tgt Ion: 98 Resp: 217871  
Ion Ratio Lower Upper  
98 100  
100 65.9 53.1 79.7

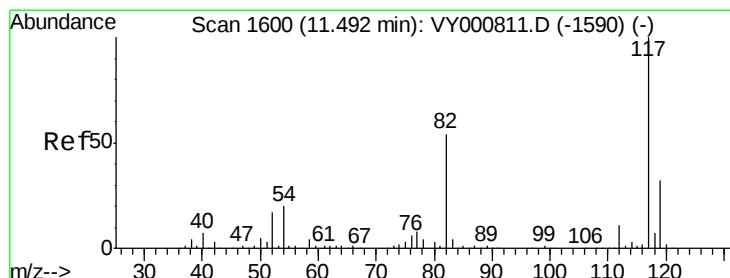
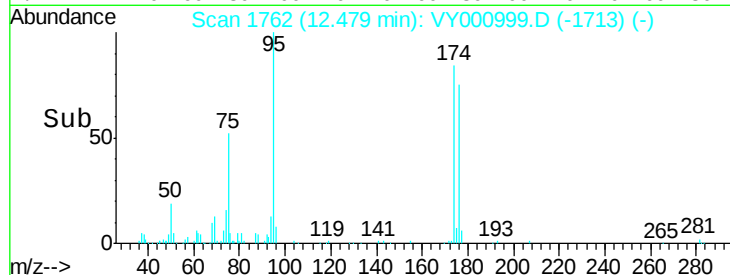
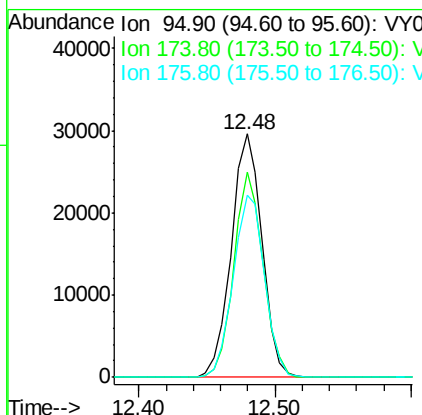
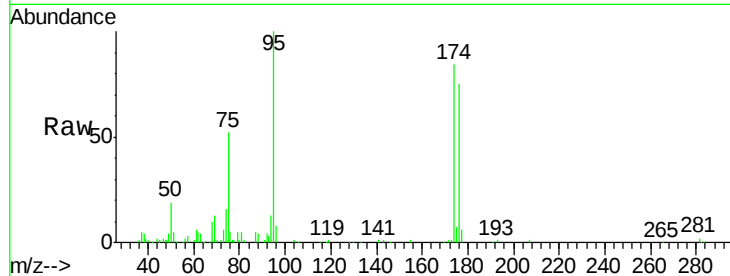




#62  
4-Bromofluorobenzene  
Concen: 27.022 ug/l  
RT: 12.48 min Scan# 1762  
Delta R.T. 0.00 min  
Lab File: VY000999.D  
Acq: 18 Dec 2019 16:28

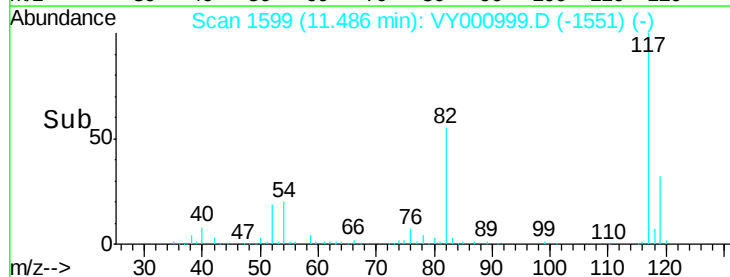
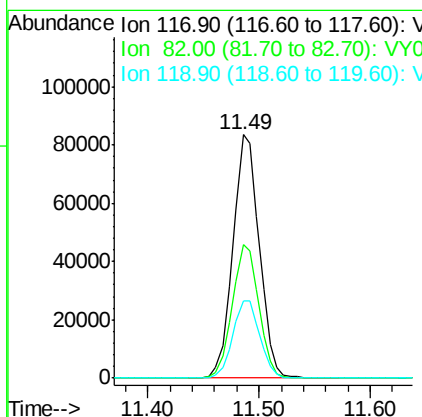
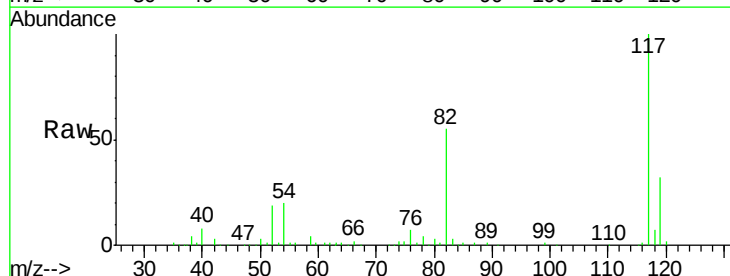
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP1-3

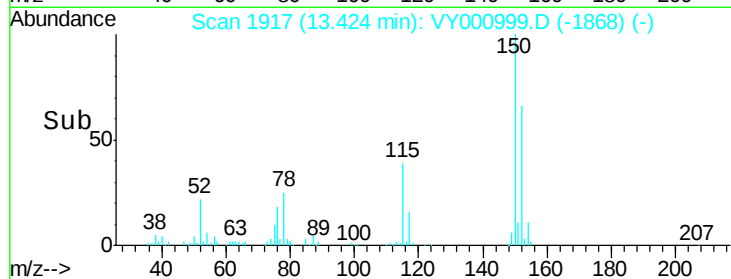
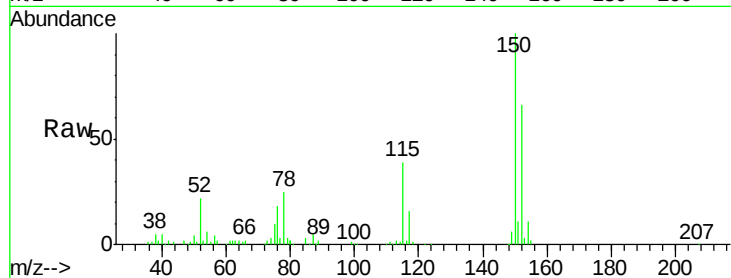
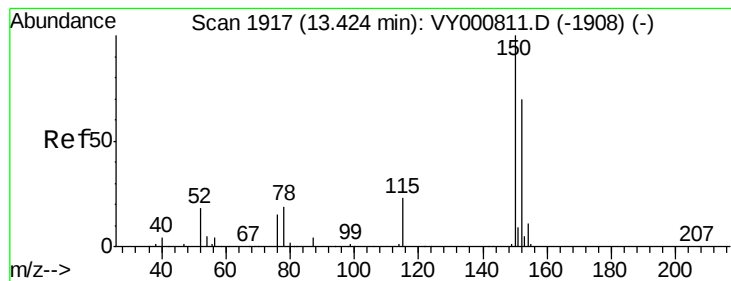
| Tot Ion   | 95    | Resp  | 46337 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 174       | 80.3  | 0.0   | 150.6 |
| 176       | 76.6  | 0.0   | 145.2 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1599  
Delta R.T. -0.01 min  
Lab File: VY000999.D  
Acq: 18 Dec 2019 16:28

| Tgt Ion   | 117   | Resp  | 136081 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 55.0  | 43.1  | 64.7   |
| 119       | 31.9  | 25.3  | 37.9   |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000999.D

Acq: 18 Dec 2019 16:28

Instrument :

MSVOA\_Y

ClientSampleId :

TP1-3

Tot Ion:152 Resp: 39833

Ion Ratio Lower Upper

152 100

115 59.9 29.3 87.8

150 154.4 0.0 351.2

