

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\  
 Data File : VY000825.D  
 Acq On : 27 Nov 2019 17:31  
 Operator : SY/MD  
 Sample : K5676-35  
 Misc : 7.26G/5ML/MSVOA Y/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Nov 28 22:10:00 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  | 243247   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 459447   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 383209   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 146298   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.15  | 65   | 151762   | 58.72 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 117.44% |          |
| 35) Dibromofluoromethane    | 7.72  | 113  | 134968   | 50.41 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.82% |          |
| 50) Toluene-d8              | 10.18 | 98   | 543322   | 50.75 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.50% |          |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 162278   | 40.36 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 80.72%  |          |

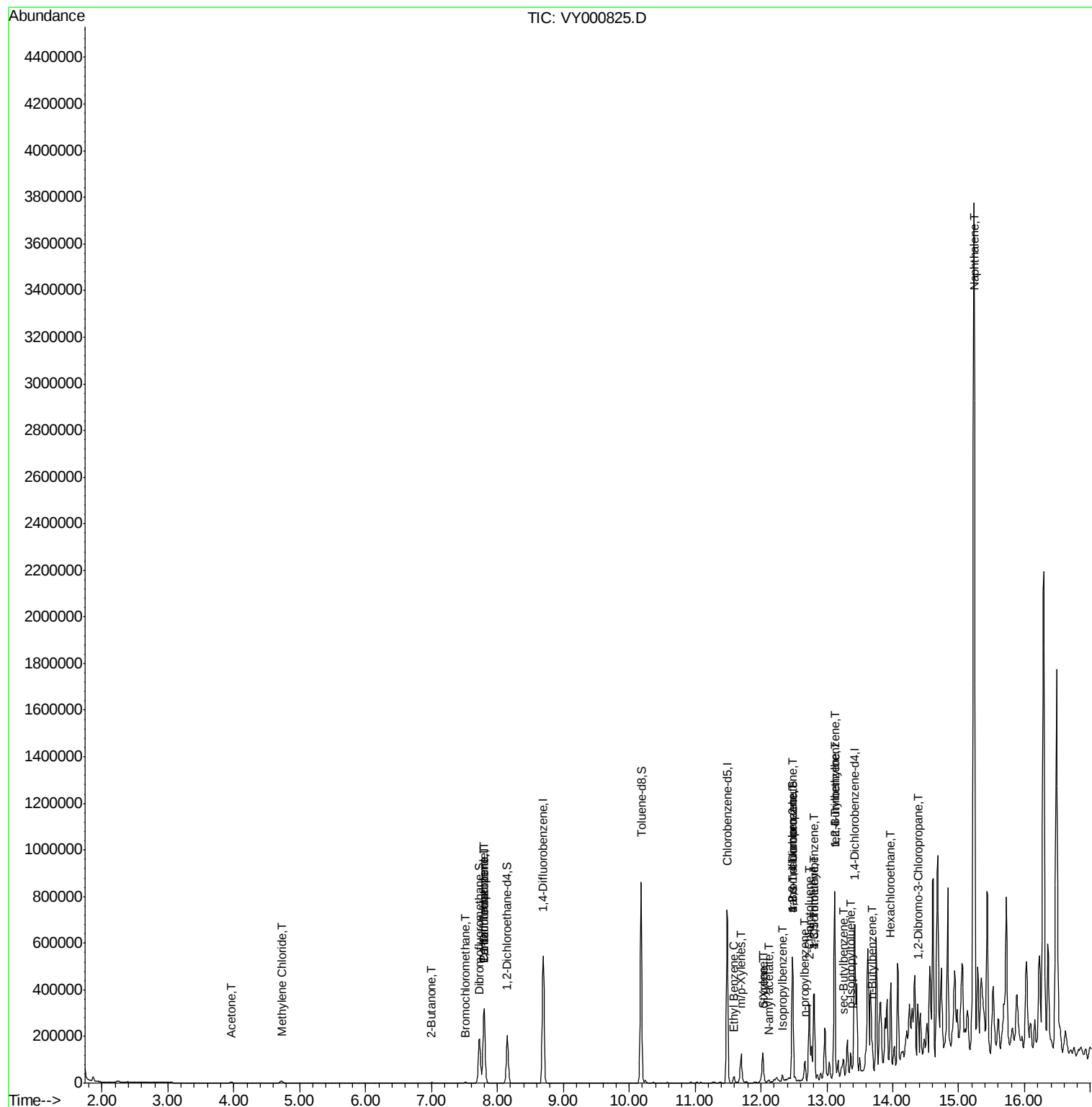
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 5) Bromomethane                | 2.64  | 94   | 57       | Below Cal | #      | 3      |
| 16) Acetone                    | 3.96  | 43   | 6809     | 11.484    | ug/l # | 80     |
| 20) Methylene Chloride         | 4.72  | 84   | 6581     | 2.106     | ug/l   | 84     |
| 25) 2-Butanone                 | 7.00  | 43   | 1363     | 1.244     | ug/l # | 87     |
| 28) Bromochloromethane         | 7.51  | 49   | 81       | 2.056     | ug/l # | 15     |
| 36) 1,1-Dichloropropene        | 7.80  | 75   | 20869    | 4.568     | ug/l # | 48     |
| 38) Carbon Tetrachloride       | 7.80  | 117  | 24661    | 6.062     | ug/l # | 16     |
| 67) Ethyl Benzene              | 11.59 | 91   | 17857    | 1.204     | ug/l   | 100    |
| 68) m/p-Xylenes                | 11.69 | 106  | 35146    | 6.312     | ug/l   | 98     |
| 69) o-Xylene                   | 12.03 | 106  | 31797    | 6.124     | ug/l   | 93     |
| 70) Styrene                    | 12.03 | 104  | 13671    | 1.538     | ug/l # | 76     |
| 73) Isopropylbenzene           | 12.33 | 105  | 16310    | 1.400     | ug/l   | 98     |
| 74) N-amyl acetate             | 12.11 | 43   | 4835     | 1.491     | ug/l # | 49     |
| 76) 1,2,3-Trichloropropane     | 12.48 | 75   | 85990    | 51.878    | ug/l # | 100    |
| 78) n-propylbenzene            | 12.67 | 91   | 64207    | 4.514     | ug/l   | 99     |
| 79) 2-Chlorotoluene            | 12.73 | 91   | 24330    | 3.096     | ug/l # | 41     |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 112073   | 11.620    | ug/l   | 98     |
| 81) trans-1,4-Dichloro-2-buten | 12.48 | 75   | 85990    | 101.903   | ug/l # | 17     |
| 82) 4-Chlorotoluene            | 12.81 | 91   | 11608    | 1.434     | ug/l # | 40     |
| 83) tert-Butylbenzene          | 13.12 | 119  | 50123    | 6.181     | ug/l # | 59     |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 435558   | 45.139    | ug/l   | 99     |
| 85) sec-Butylbenzene           | 13.25 | 105  | 45948    | 3.896     | ug/l   | 96     |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 28646    | 2.793     | ug/l   | 97     |
| 89) n-Butylbenzene             | 13.69 | 91   | 54602    | 5.265     | ug/l # | 77     |
| 90) Hexachloroethane           | 13.97 | 117  | 15293    | 8.094     | ug/l # | 16     |
| 92) 1,2-Dibromo-3-Chloropropan | 14.38 | 75   | 867      | 2.256     | ug/l # | 6      |
| 95) Naphthalene                | 15.23 | 128  | 2960988  | 422.967   | ug/l   | 100    |

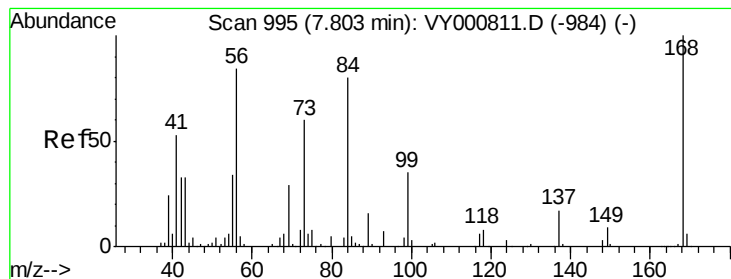
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000825.D

Acq: 27 Nov 2019 17:31

Instrument :

MSVOA\_Y

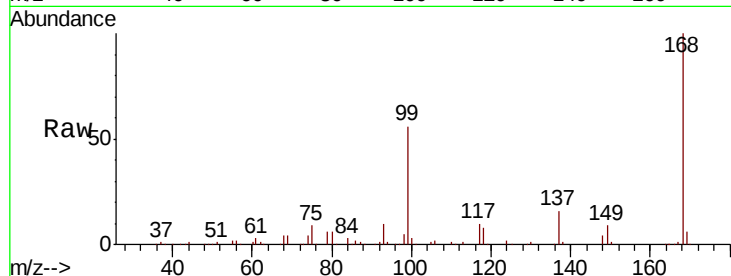
ClientSampled :

Tot Ion:168 Resp: 243247

Ion Ratio Lower Upper

168 100

99 56.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

120000

100000

80000

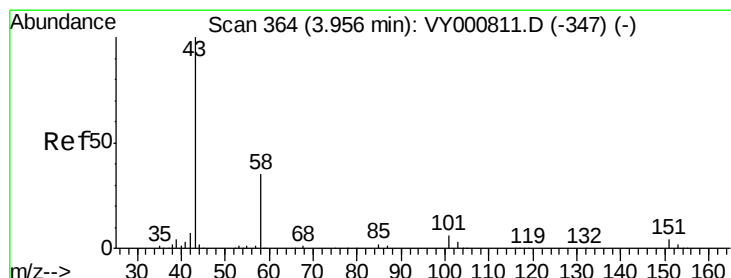
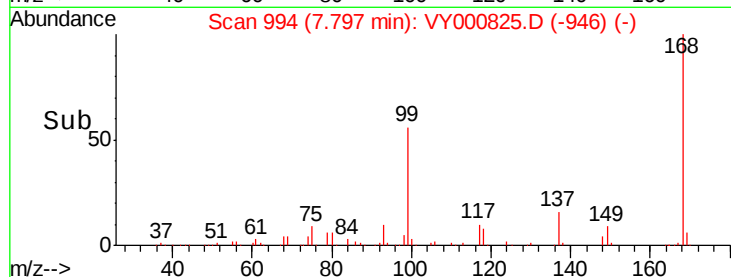
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 11.484 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000825.D

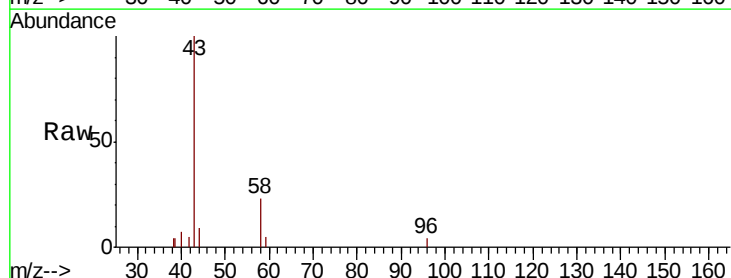
Acq: 27 Nov 2019 17:31

Tgt Ion: 43 Resp: 6809

Ion Ratio Lower Upper

43 100

58 23.2 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-347) (-)

3.96

2500

2000

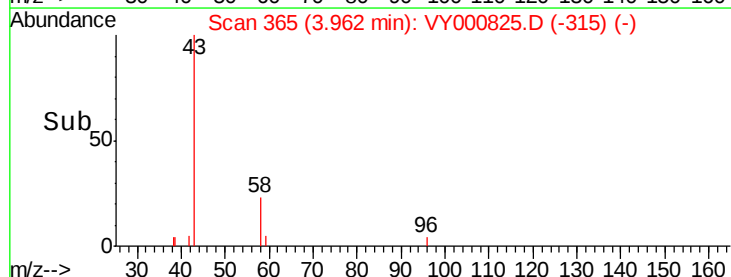
1500

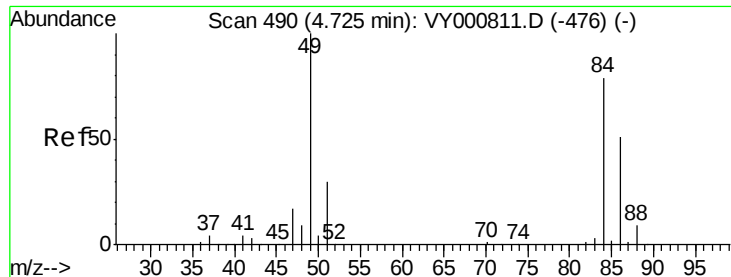
1000

500

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Time-->

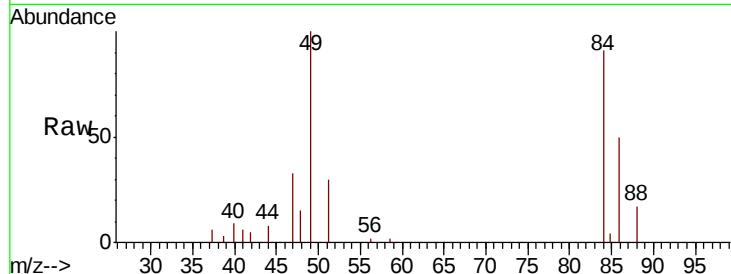




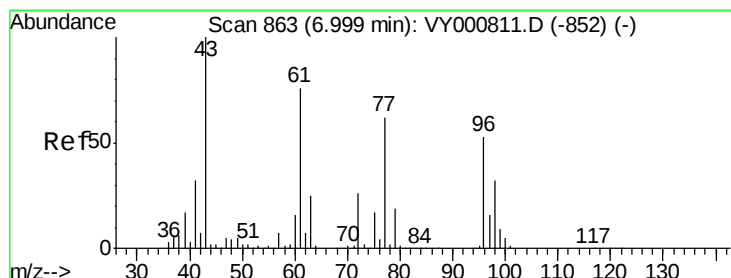
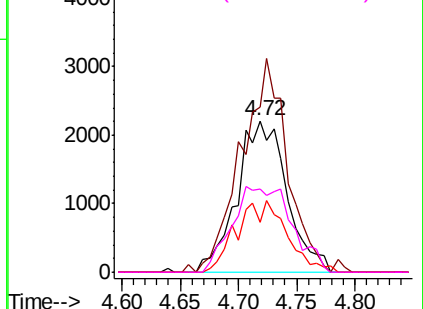
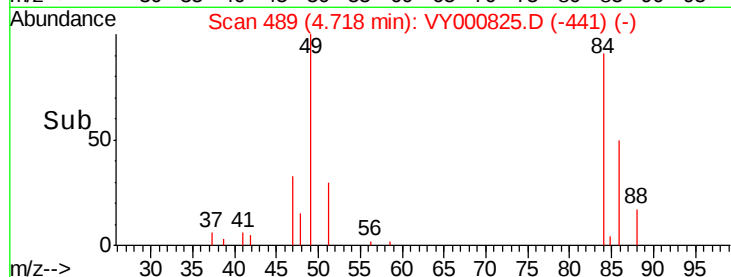
#20  
Methylene Chloride  
Concen: 2.106 ug/l  
RT: 4.72 min Scan# 489  
Delta R.T. -0.01 min  
Lab File: VY000825.D  
Acq: 27 Nov 2019 17:31

Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion: 84 Resp: 6581  
Ion Ratio Lower Upper  
84 100  
49 104.0 101.3 151.9  
51 32.7 30.6 45.8  
86 55.3 51.3 76.9

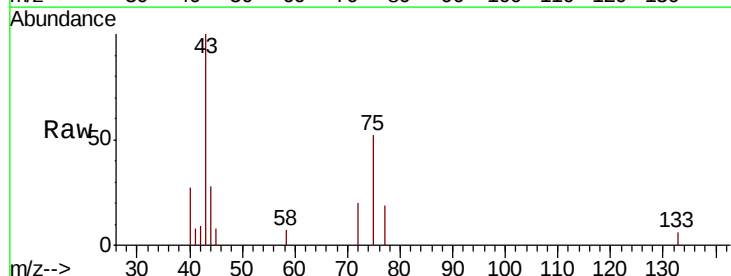


Abundance Ion 83.90 (83.60 to 84.60): VY0  
Ion 48.90 (48.60 to 49.60): VY0  
Ion 50.90 (50.60 to 51.60): VY0  
Ion 85.90 (85.60 to 86.60): VY0

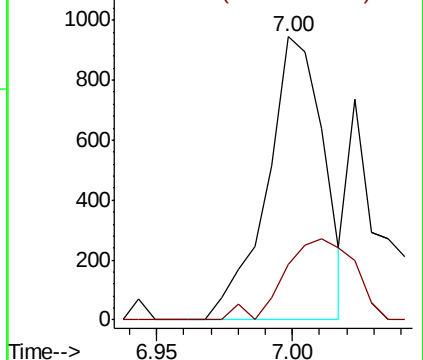
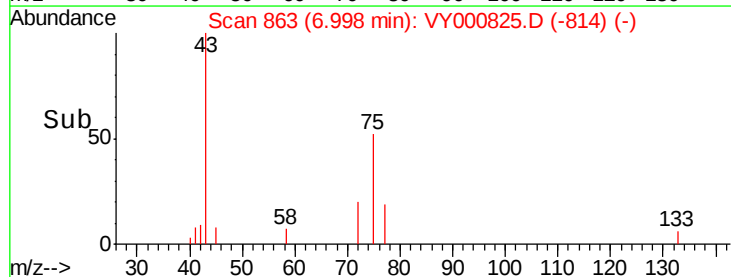


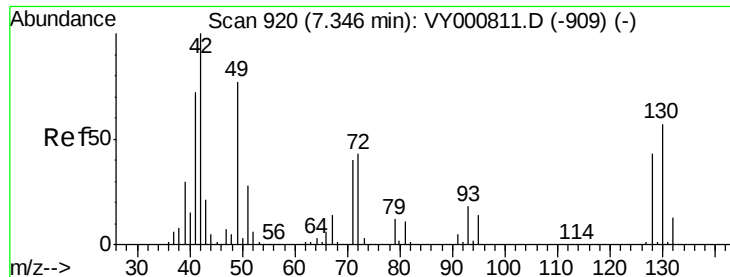
#25  
2-Butanone  
Concen: 1.244 ug/l  
RT: 7.00 min Scan# 863  
Delta R.T. -0.00 min  
Lab File: VY000825.D  
Acq: 27 Nov 2019 17:31

Tgt Ion: 43 Resp: 1363  
Ion Ratio Lower Upper  
43 100  
72 19.7 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0  
Ion 72.00 (71.70 to 72.70): VY0





#28

Bromochloromethane

Concen: 2.056 ug/l

RT: 7.51 min Scan# 947

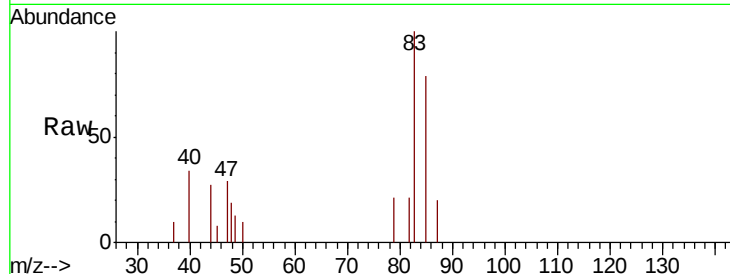
Delta R.T. 0.16 min

Lab File: VY000825.D

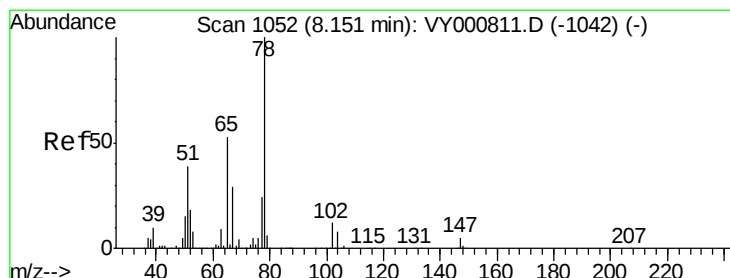
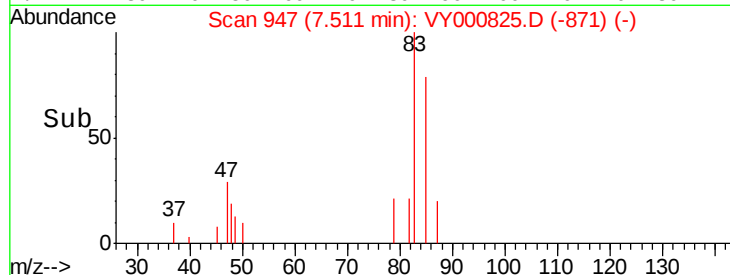
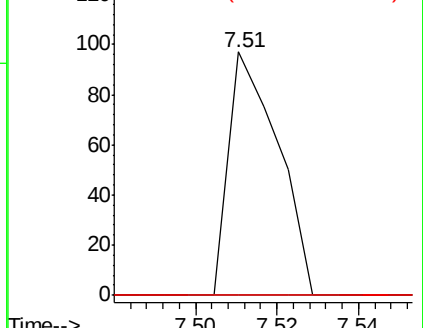
Acq: 27 Nov 2019 17:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 49 Resp: 81  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.8  
130 0.0 58.7 88.1#



Abundance Ion 48.90 (48.60 to 49.60): VY0  
Ion 128.80 (128.50 to 129.50): VY0  
Ion 129.80 (129.50 to 130.50): VY0



#33

1,2-Dichloroethane-d4

Concen: 58.715 ug/l

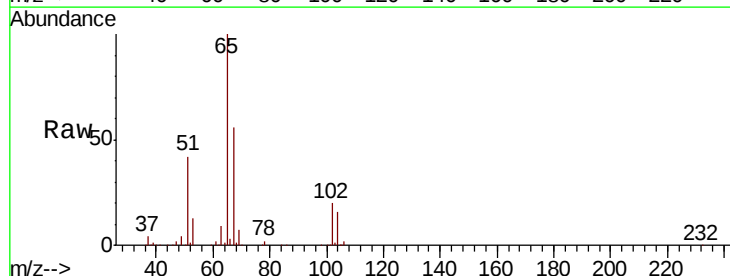
RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

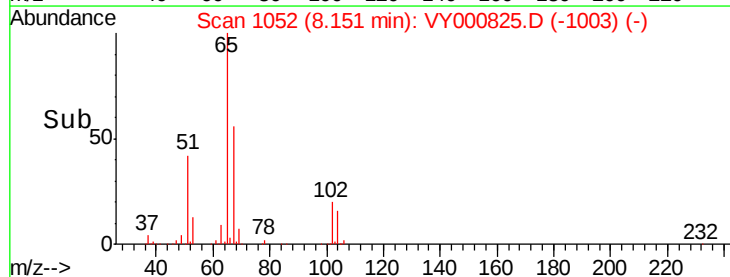
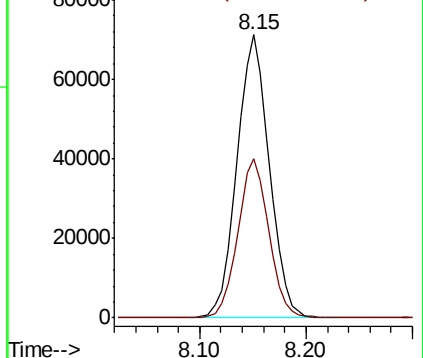
Lab File: VY000825.D

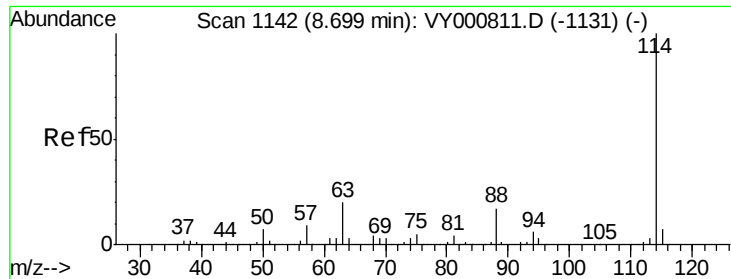
Acq: 27 Nov 2019 17:31

Tgt Ion: 65 Resp: 151762  
Ion Ratio Lower Upper  
65 100  
67 53.8 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0  
Ion 66.90 (66.60 to 67.60): VY0

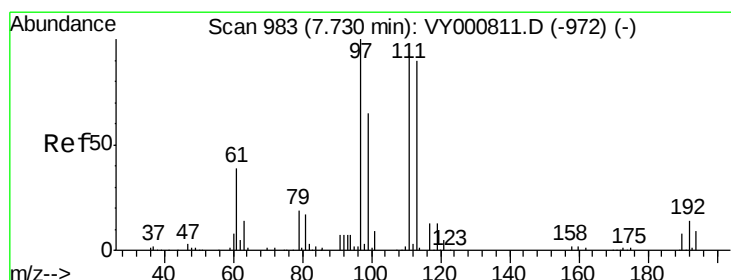
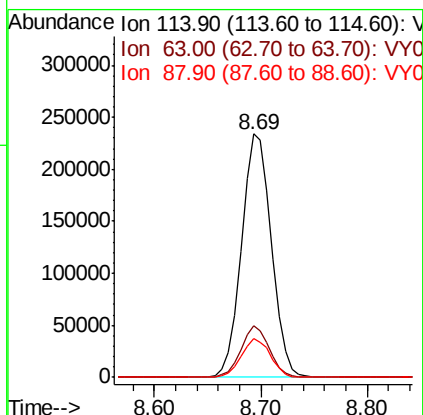
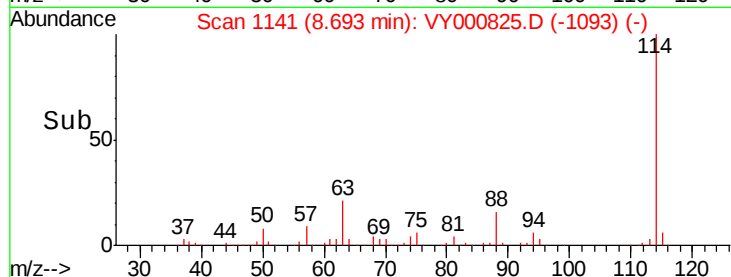
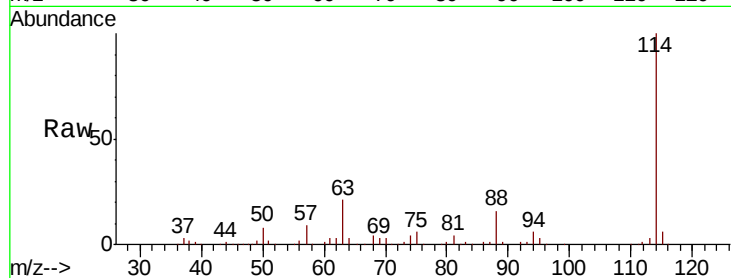




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1141  
 Delta R.T. -0.01 min  
 Lab File: VY000825.D  
 Acq: 27 Nov 2019 17:31

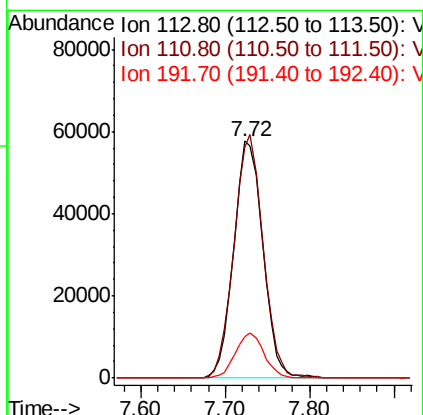
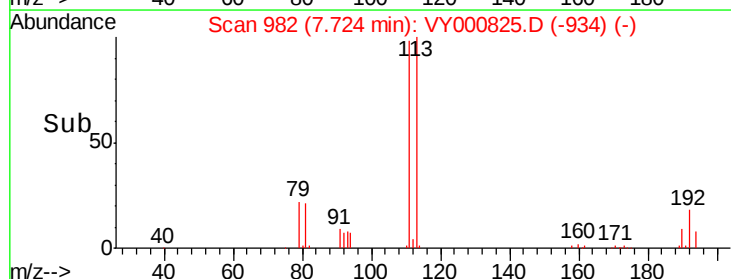
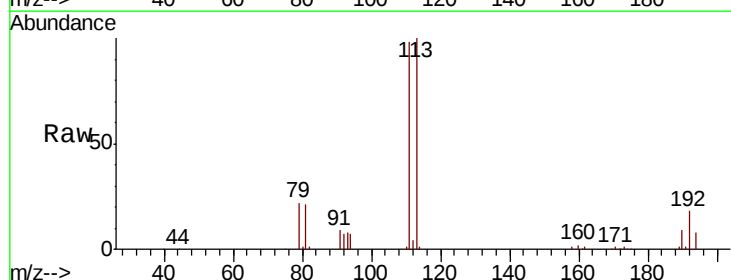
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

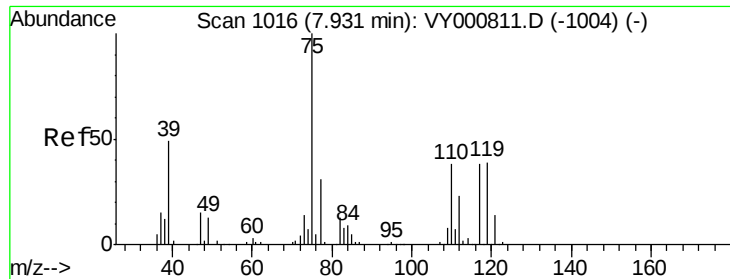
Tot Ion:114 Resp: 459447  
 Ion Ratio Lower Upper  
 114 100  
 63 21.2 0.0 39.8  
 88 15.7 0.0 33.2



#35  
 Dibromofluoromethane  
 Concen: 50.405 ug/l  
 RT: 7.72 min Scan# 982  
 Delta R.T. -0.01 min  
 Lab File: VY000825.D  
 Acq: 27 Nov 2019 17:31

Tgt Ion:113 Resp: 134968  
 Ion Ratio Lower Upper  
 113 100  
 111 102.0 82.4 123.6  
 192 18.6 14.2 21.2

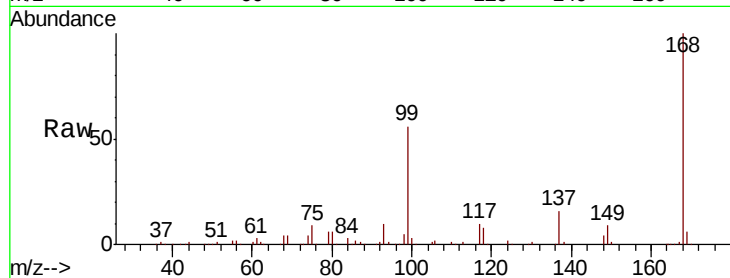




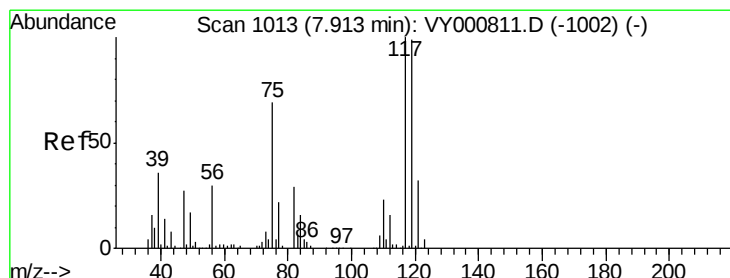
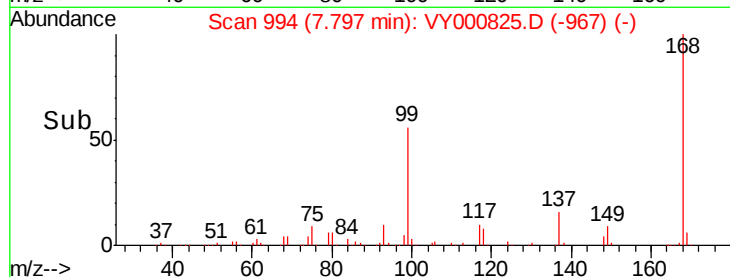
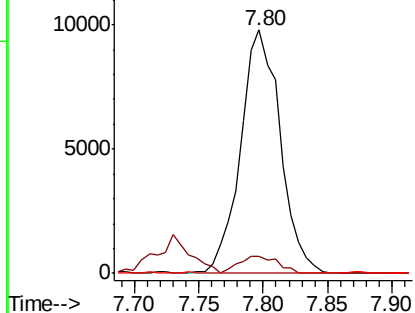
#36  
 1,1-Dichloropropene  
 Concen: 4.568 ug/l  
 RT: 7.80 min Scan# 994  
 Delta R.T. -0.13 min  
 Lab File: VY000825.D  
 Acq: 27 Nov 2019 17:31

Instrument :  
 MSVOA\_Y  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 6.9   | 17.9  | 53.7# |
| 77      | 0.0   | 24.7  | 37.1# |

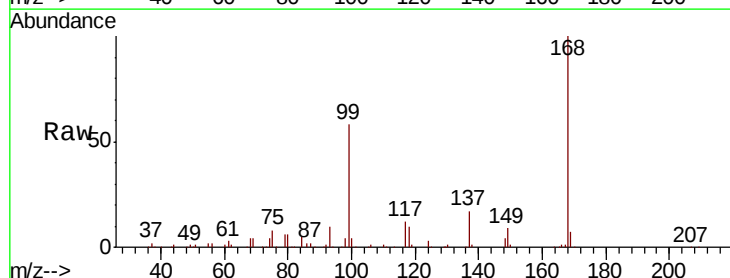


Abundance Ion 74.90 (74.60 to 75.60): VY0  
 Ion 109.90 (109.60 to 110.60): VY0  
 Ion 76.90 (76.60 to 77.60): VY0

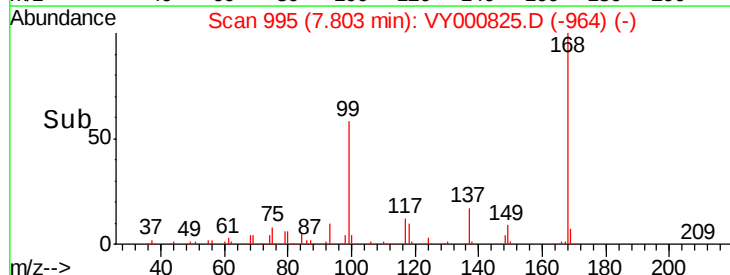
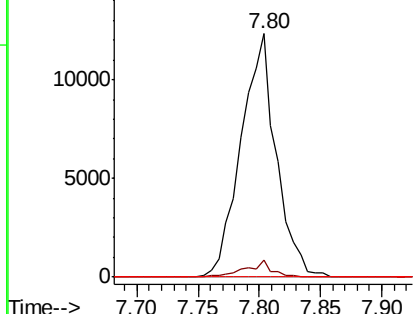


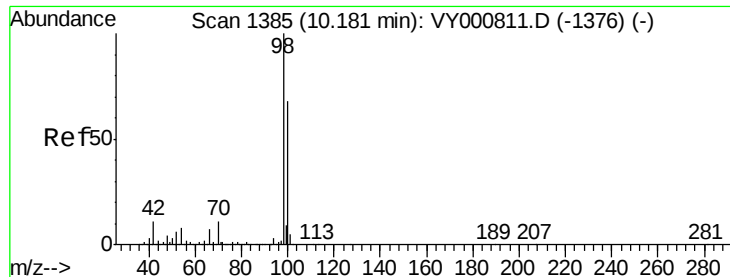
#38  
 Carbon Tetrachloride  
 Concen: 6.062 ug/l  
 RT: 7.80 min Scan# 995  
 Delta R.T. -0.11 min  
 Lab File: VY000825.D  
 Acq: 27 Nov 2019 17:31

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 6.8   | 79.3  | 118.9# |
| 121     | 0.0   | 25.5  | 38.3#  |



Abundance Ion 116.80 (116.50 to 117.50): VY0  
 Ion 118.80 (118.50 to 119.50): VY0  
 Ion 120.80 (120.50 to 121.50): VY0





#50

Toluene-d8

Concen: 50.753 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000825.D

Acq: 27 Nov 2019 17:31

Instrument :

MSVOA\_Y

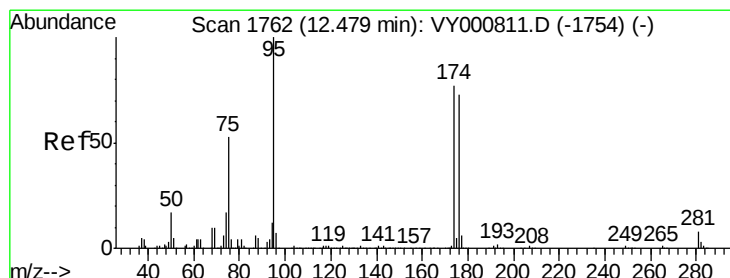
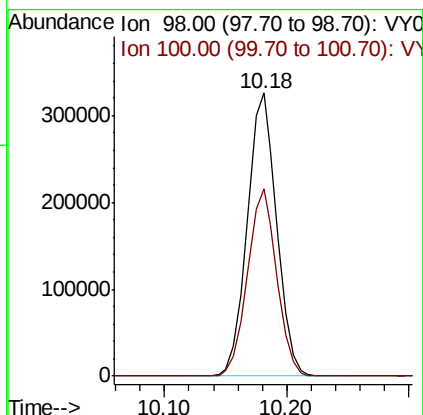
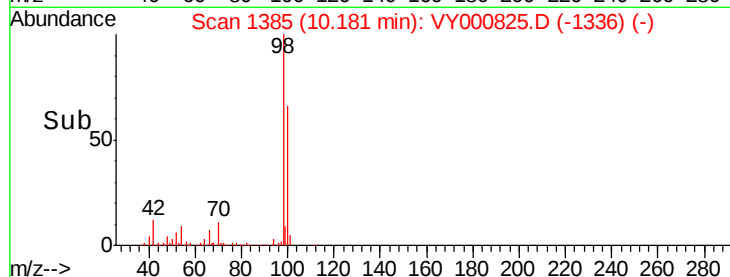
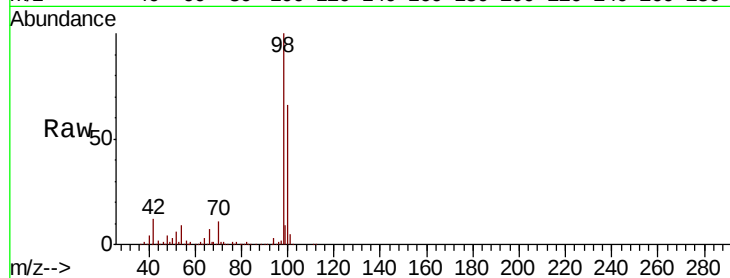
ClientSampleId :

Tot Ion: 98 Resp: 543322

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 40.364 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000825.D

Acq: 27 Nov 2019 17:31

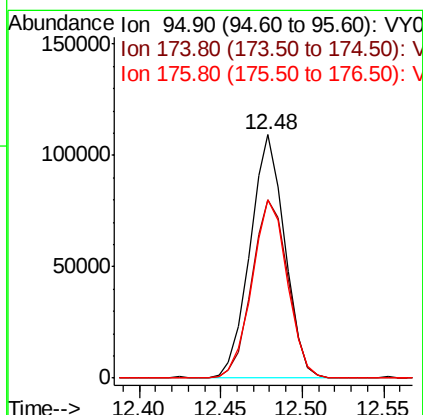
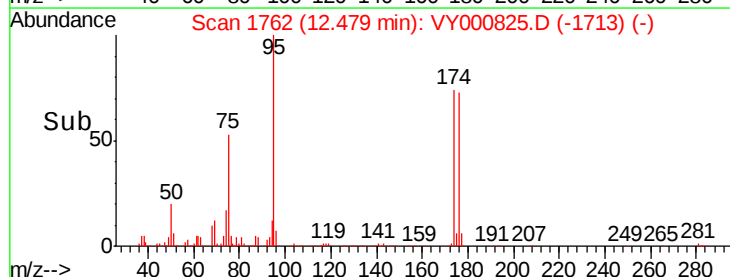
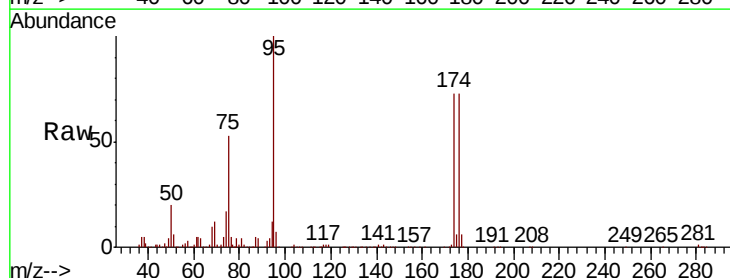
Tgt Ion: 95 Resp: 162278

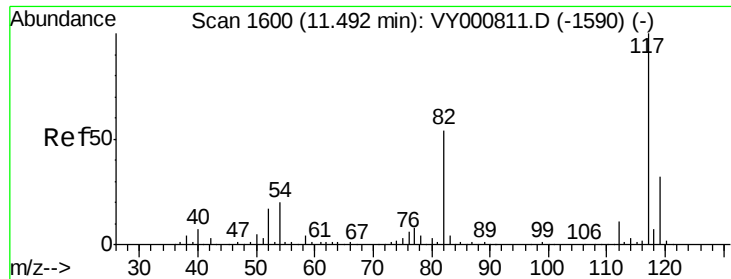
Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.6

176 74.5 0.0 145.2

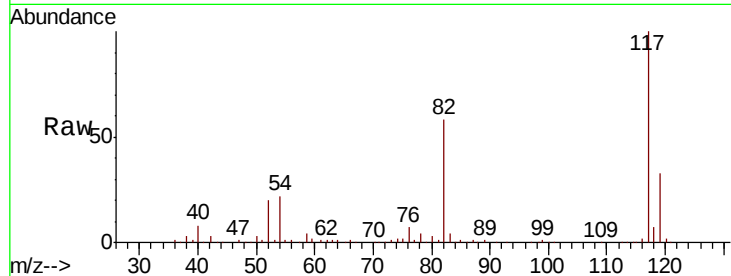




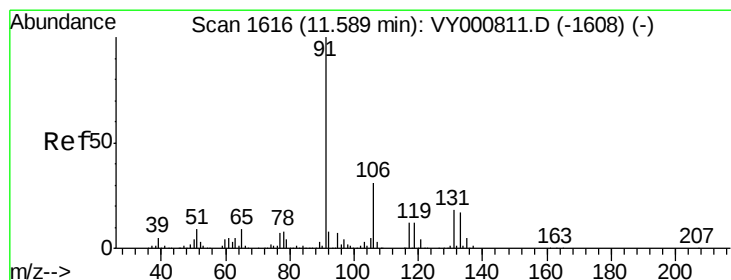
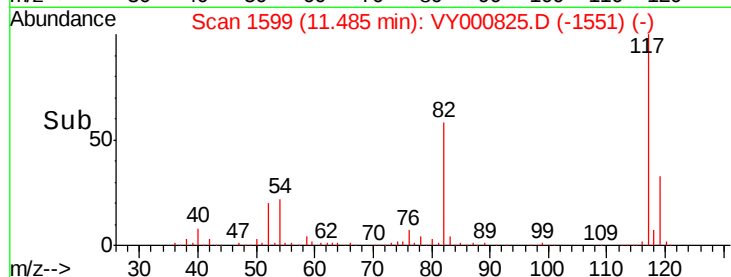
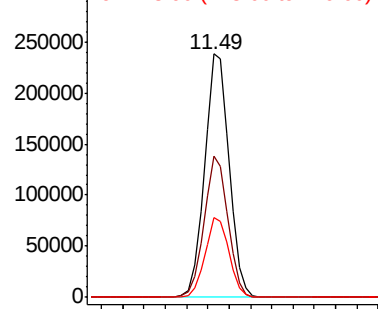
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1599  
Delta R.T. -0.01 min  
Lab File: VY000825.D  
Acq: 27 Nov 2019 17:31

Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion:117 Resp: 383209  
Ion Ratio Lower Upper  
117 100  
82 58.2 43.1 64.7  
119 32.9 25.3 37.9

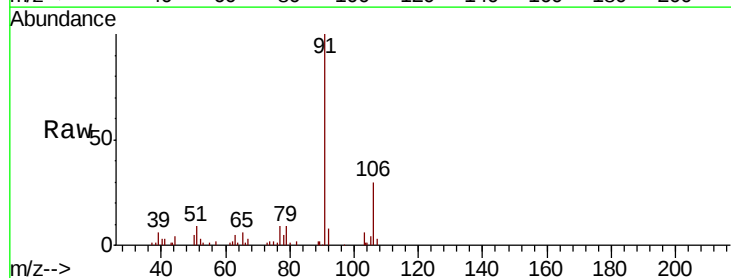


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VY0  
Ion 118.90 (118.60 to 119.60): V

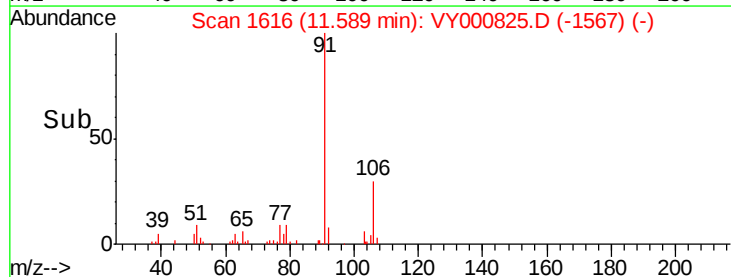
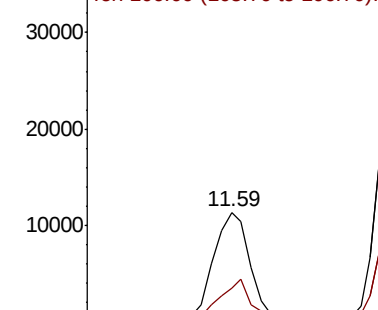


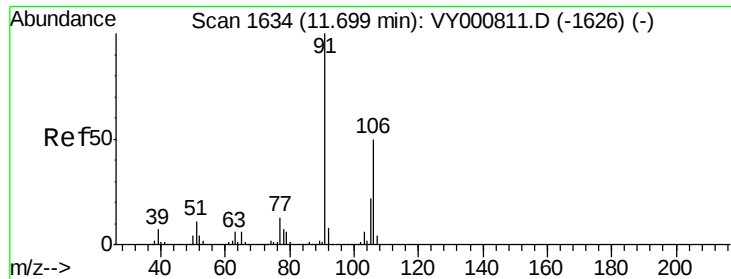
#67  
Ethyl Benzene  
Concen: 1.204 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. -0.00 min  
Lab File: VY000825.D  
Acq: 27 Nov 2019 17:31

Tgt Ion: 91 Resp: 17857  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VY0  
Ion 106.00 (105.70 to 106.70): V

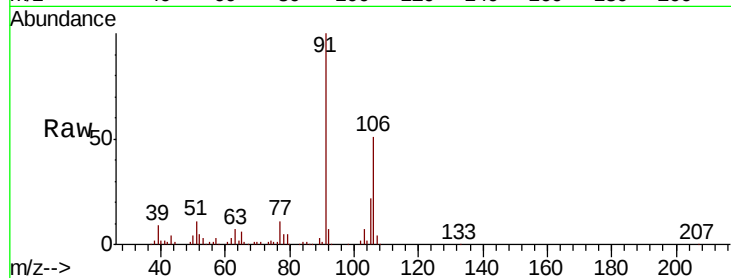




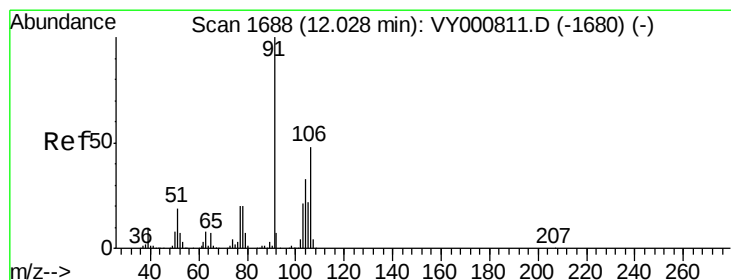
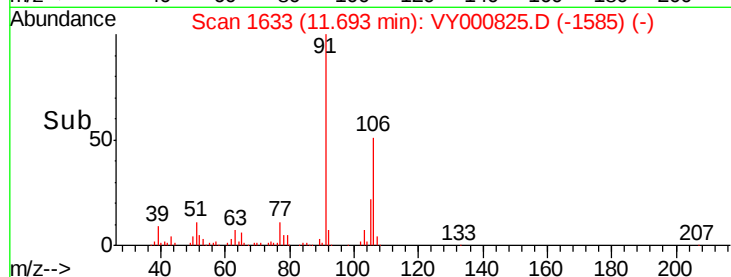
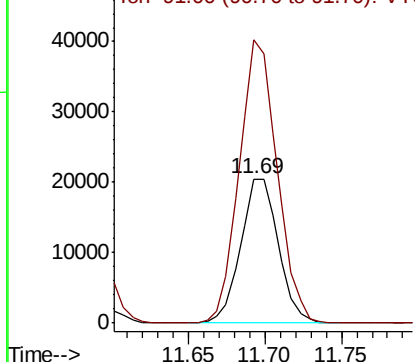
#68  
m/p-Xvlenes  
Concen: 6.312 ug/l  
RT: 11.69 min Scan# 1633  
Delta R.T. -0.01 min  
Lab File: VY000825.D  
Acq: 27 Nov 2019 17:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion:106 Resp: 35146  
Ion Ratio Lower Upper  
106 100  
91 196.9 159.6 239.4

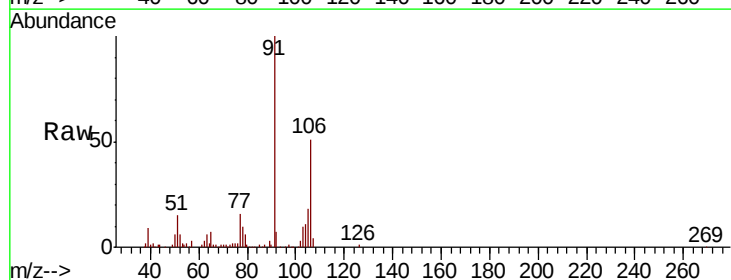


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VY0

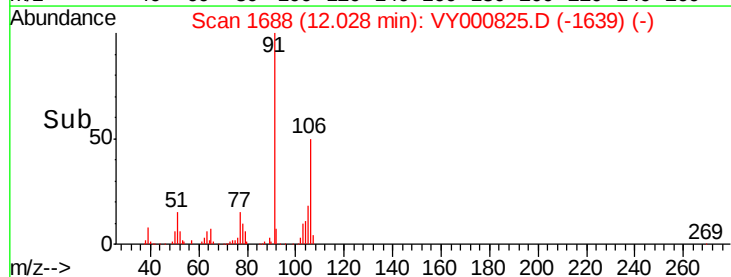
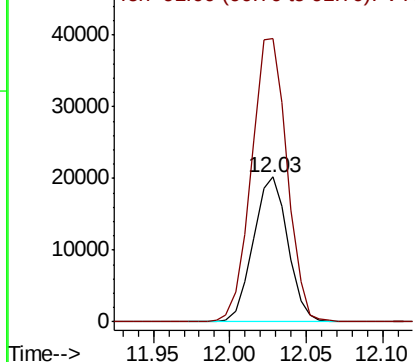


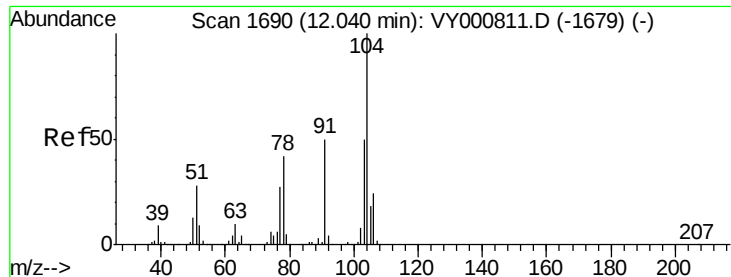
#69  
o-Xylene  
Concen: 6.124 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. -0.00 min  
Lab File: VY000825.D  
Acq: 27 Nov 2019 17:31

Tgt Ion:106 Resp: 31797  
Ion Ratio Lower Upper  
106 100  
91 201.7 106.1 318.1



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VY0

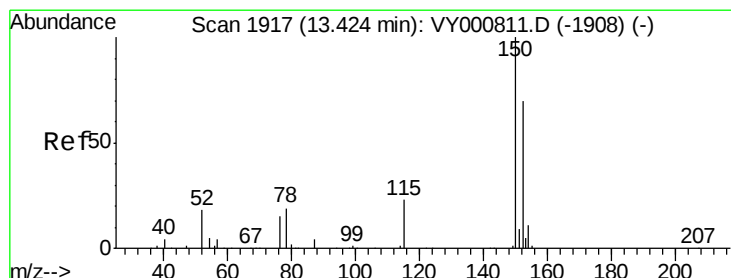
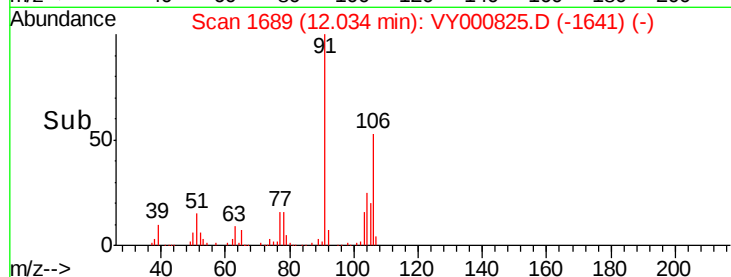
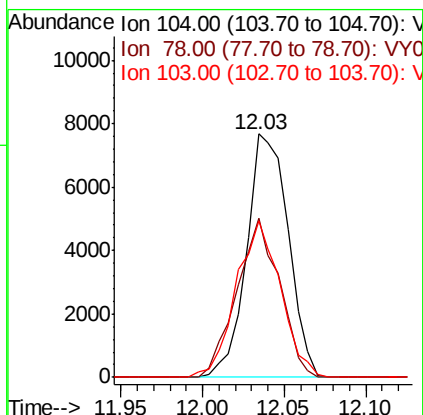
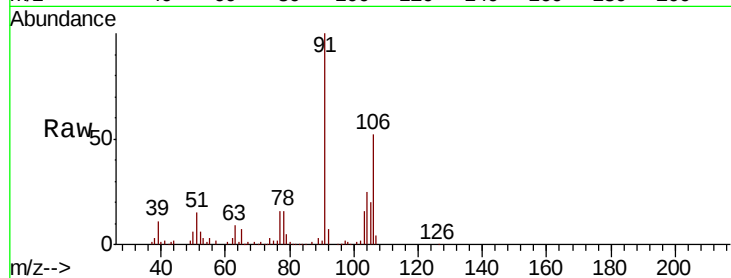




#70  
Stvrene  
Concen: 1.538 ug/l  
RT: 12.03 min Scan# 1689  
Delta R.T. -0.01 min  
Lab File: VY000825.D  
Acq: 27 Nov 2019 17:31

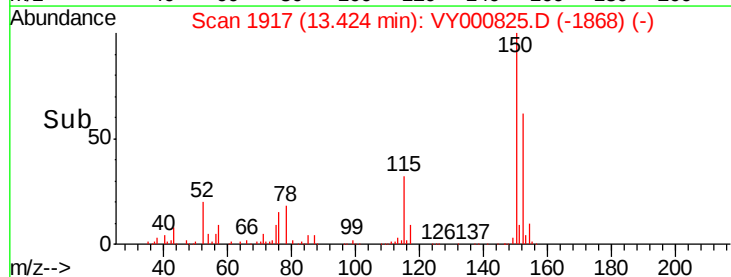
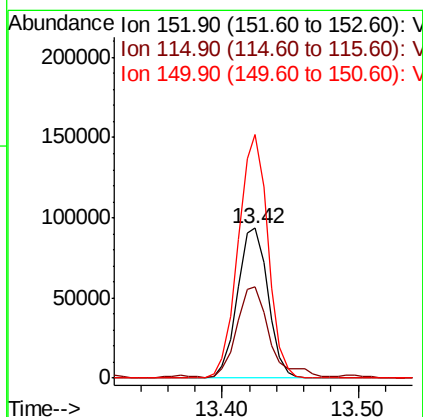
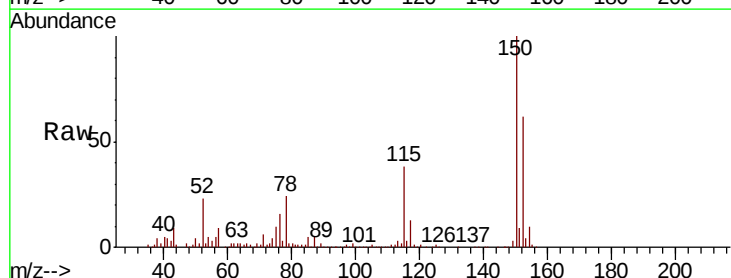
Instrument :  
MSVOA\_Y  
ClientSampled :

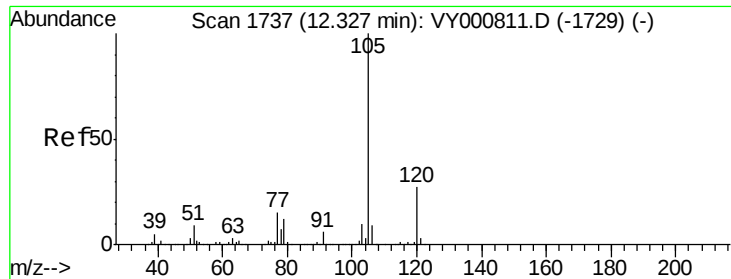
Tot Ion:104 Resp: 13671  
Ion Ratio Lower Upper  
104 100  
78 66.7 38.2 57.4#  
103 68.4 43.4 65.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.42 min Scan# 1917  
Delta R.T. -0.00 min  
Lab File: VY000825.D  
Acq: 27 Nov 2019 17:31

Tgt Ion:152 Resp: 146298  
Ion Ratio Lower Upper  
152 100  
115 64.6 29.3 87.8  
150 157.8 0.0 351.2





#73

Isopropylbenzene

Concen: 1.400 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000825.D

Acq: 27 Nov 2019 17:31

Instrument :

MSVOA\_Y

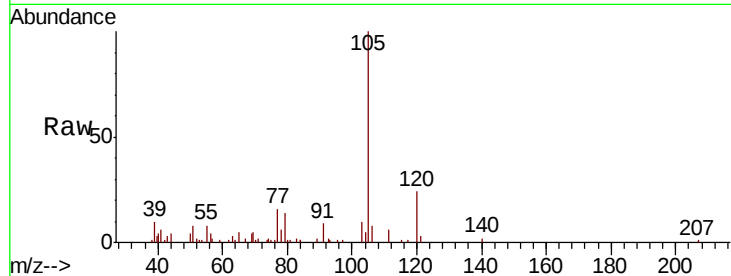
ClientSampleId :

Tot Ion:105 Resp: 16310

Ion Ratio Lower Upper

105 100

120 25.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1729) (-)

Ion 120.00 (119.70 to 120.70): VY000811.D (-1729) (-)

12000

10000

8000

6000

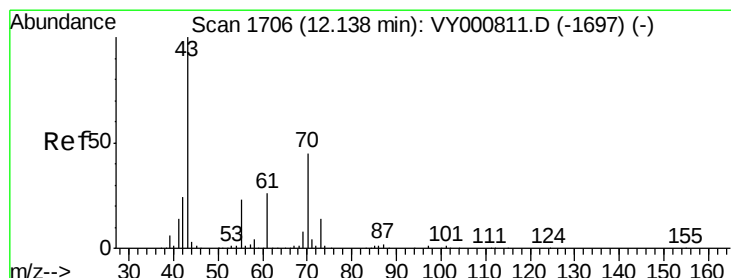
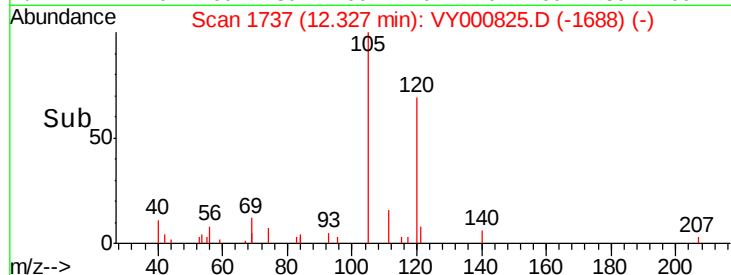
4000

2000

0

12.25 12.30 12.35

Time-->



#74

N-ethyl acetate

Concen: 1.491 ug/l

RT: 12.11 min Scan# 1702

Delta R.T. -0.02 min

Lab File: VY000825.D

Acq: 27 Nov 2019 17:31

Tgt Ion: 43 Resp: 4835

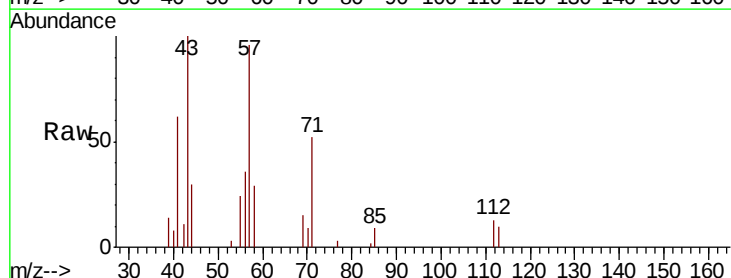
Ion Ratio Lower Upper

43 100

70 11.2 36.6 54.8#

55 0.0 18.8 28.2#

61 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1697) (-)

Ion 70.00 (69.70 to 70.70): VY000811.D (-1697) (-)

Ion 55.00 (54.70 to 55.70): VY000811.D (-1697) (-)

Ion 61.00 (60.70 to 61.70): VY000811.D (-1697) (-)

3000

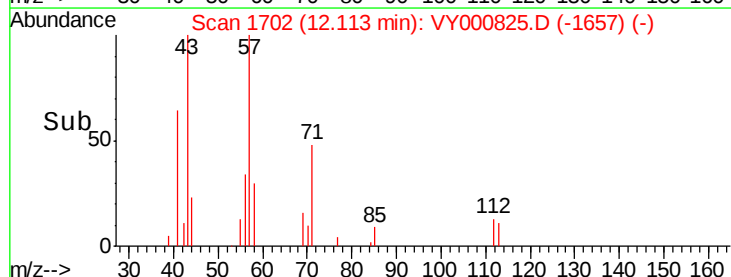
2000

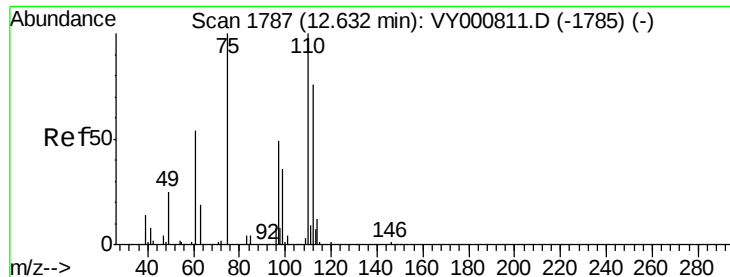
1000

0

12.05 12.10 12.15

Time-->





#76

1,2,3-Trichloropropane

Concen: 51.878 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000825.D

Acq: 27 Nov 2019 17:31

Instrument :

MSVOA\_Y

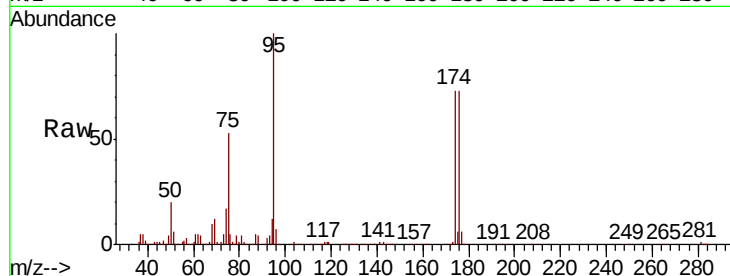
ClientSampleId :

Tot Ion: 75 Resp: 85990

Ion Ratio Lower Upper

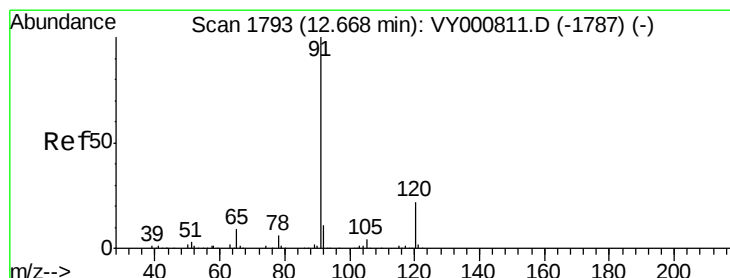
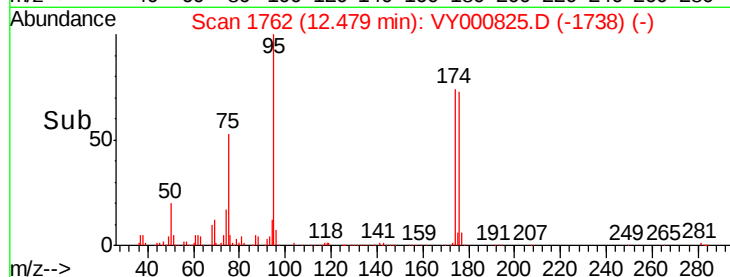
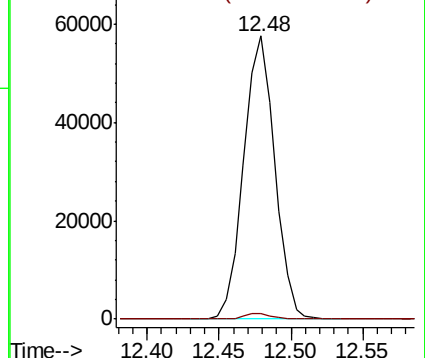
75 100

77 2.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#78

n-propylbenzene

Concen: 4.514 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000825.D

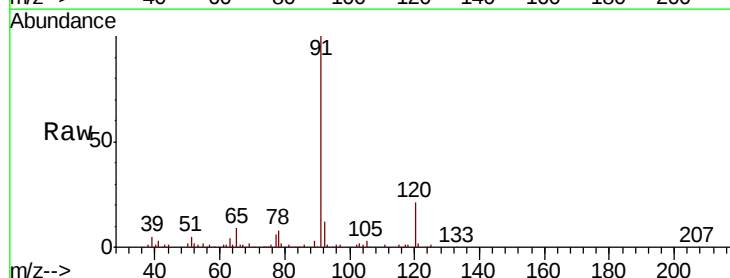
Acq: 27 Nov 2019 17:31

Tgt Ion: 91 Resp: 64207

Ion Ratio Lower Upper

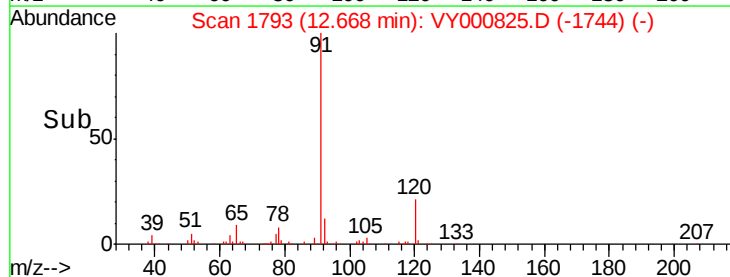
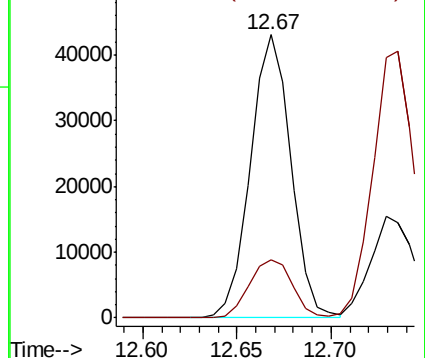
91 100

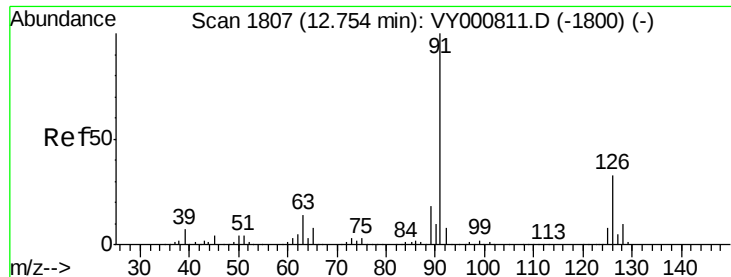
120 21.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

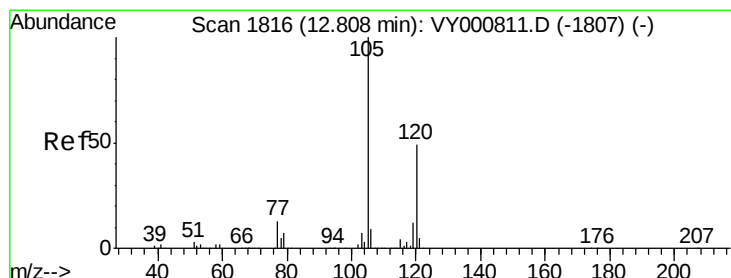
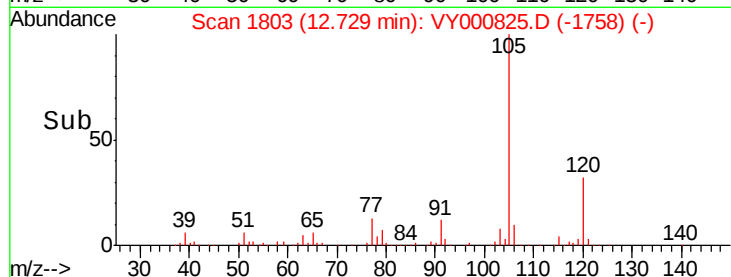
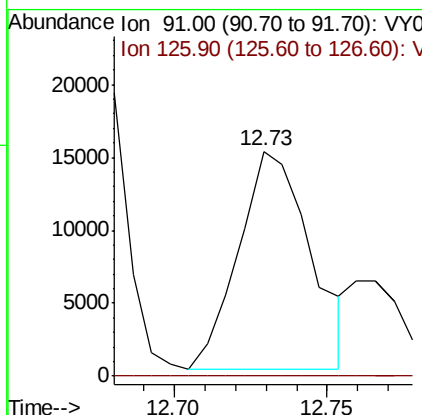
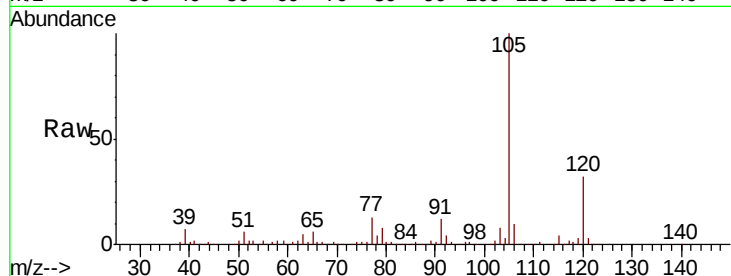




#79  
 2-Chlorotoluene  
 Concen: 3.096 ug/l  
 RT: 12.73 min Scan# 1803  
 Delta R.T. -0.02 min  
 Lab File: VY000825.D  
 Acq: 27 Nov 2019 17:31

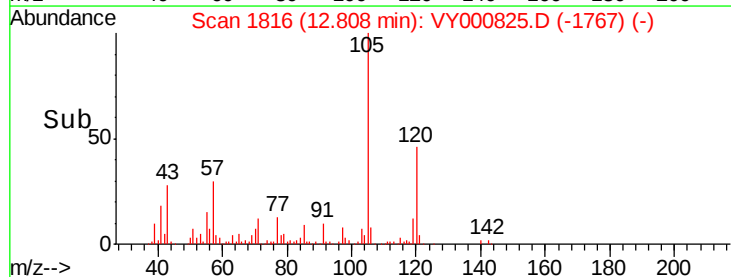
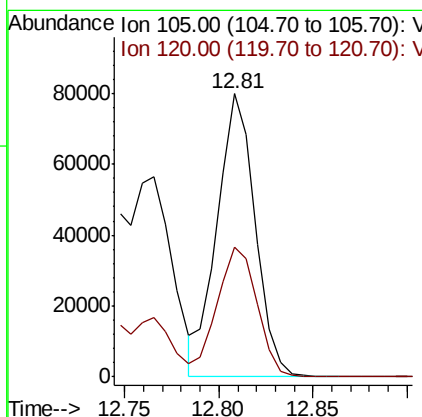
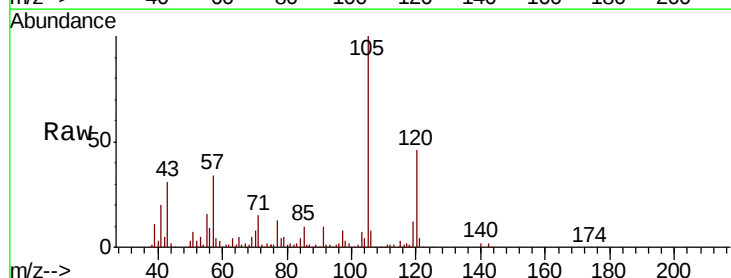
Instrument :  
 MSVOA\_Y  
 ClientSampled :

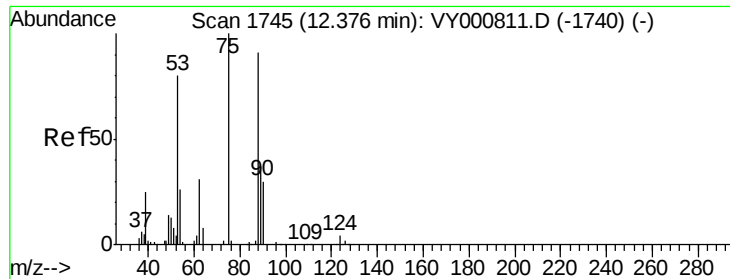
Tot Ion: 91 Resp: 24330  
 Ion Ratio Lower Upper  
 91 100  
 126 0.0 17.0 51.0#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 11.620 ug/l  
 RT: 12.81 min Scan# 1816  
 Delta R.T. -0.00 min  
 Lab File: VY000825.D  
 Acq: 27 Nov 2019 17:31

Tgt Ion: 105 Resp: 112073  
 Ion Ratio Lower Upper  
 105 100  
 120 48.1 24.6 74.0

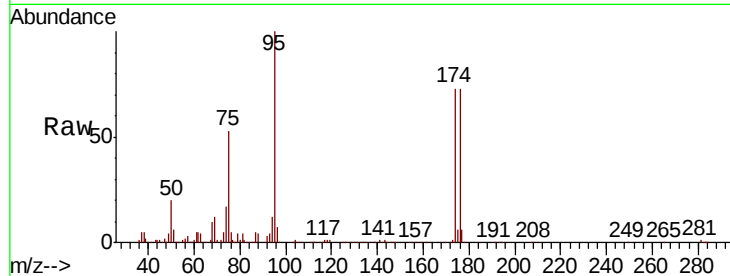




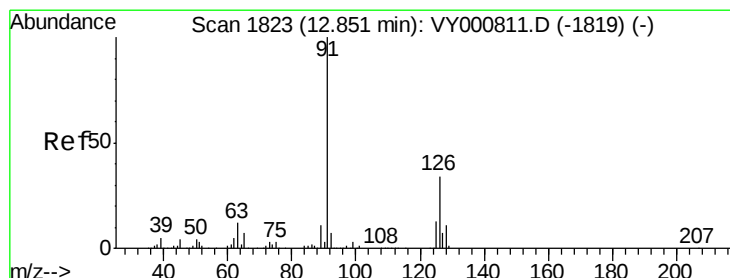
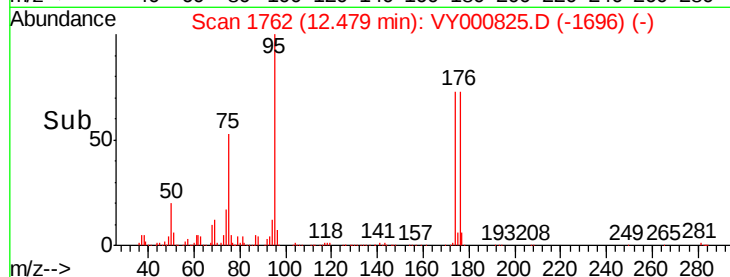
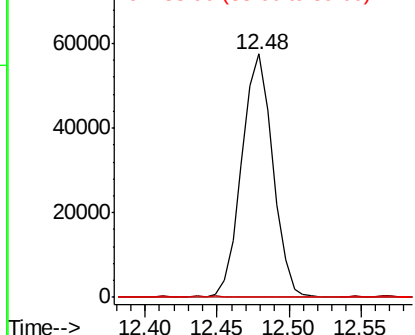
#81  
trans-1,4-Dichloro-2-butene  
Concen: 101.903 ug/l  
RT: 12.48 min Scan# 1762  
Delta R.T. 0.10 min  
Lab File: VY000825.D  
Acq: 27 Nov 2019 17:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 75 Resp: 85990  
Ion Ratio Lower Upper  
75 100  
53 0.0 64.6 96.8#  
89 0.1 33.6 50.4#

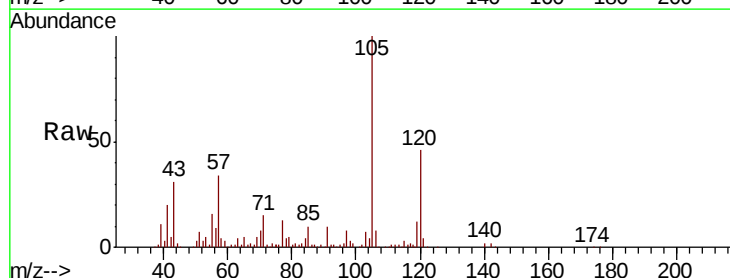


Abundance Ion 74.90 (74.60 to 75.60): VY0  
Ion 53.00 (52.70 to 53.70): VY0  
Ion 88.90 (88.60 to 89.60): VY0

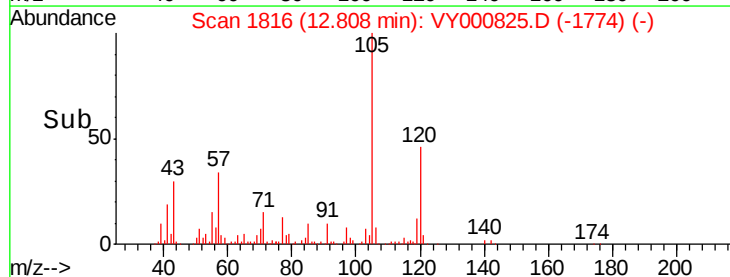
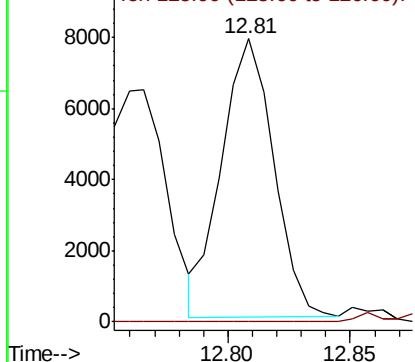


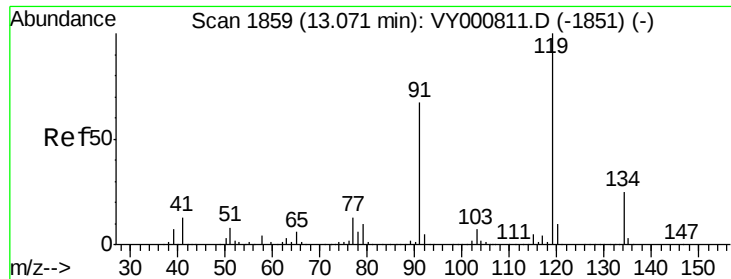
#82  
4-Chlorotoluene  
Concen: 1.434 ug/l  
RT: 12.81 min Scan# 1816  
Delta R.T. -0.04 min  
Lab File: VY000825.D  
Acq: 27 Nov 2019 17:31

Tgt Ion: 91 Resp: 11608  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.3 51.9#



Abundance Ion 91.00 (90.70 to 91.70): VY0  
Ion 125.90 (125.60 to 126.60): V

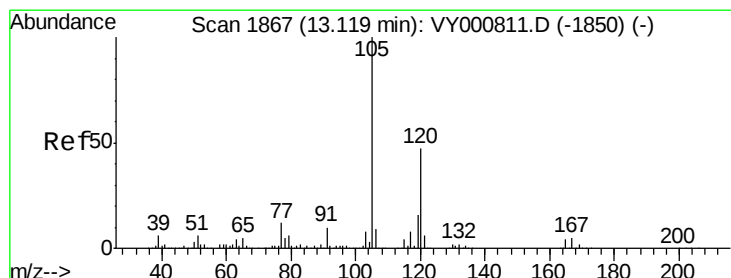
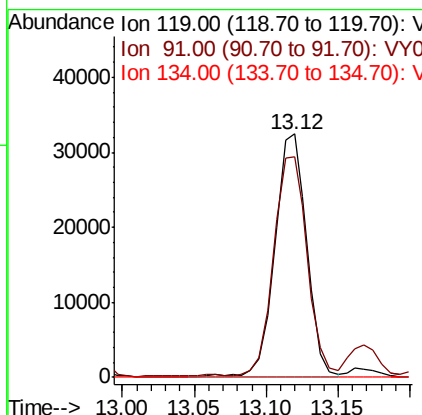
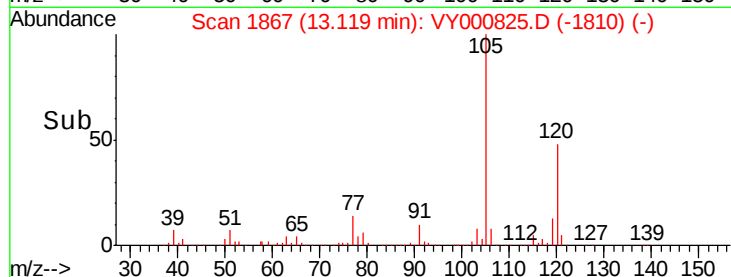
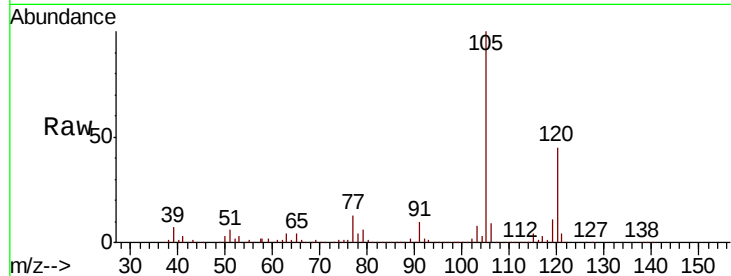




#83  
tert-Butylbenzene  
Concen: 6.181 ug/l  
RT: 13.12 min Scan# 1867  
Delta R.T. 0.05 min  
Lab File: VY000825.D  
Acq: 27 Nov 2019 17:31

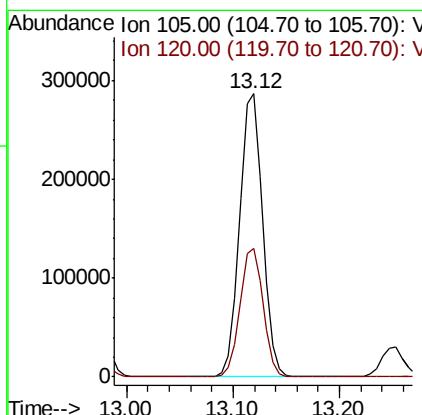
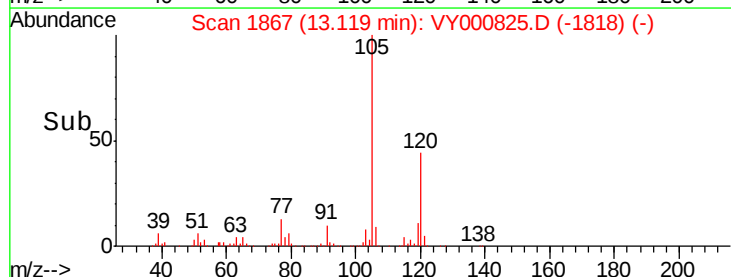
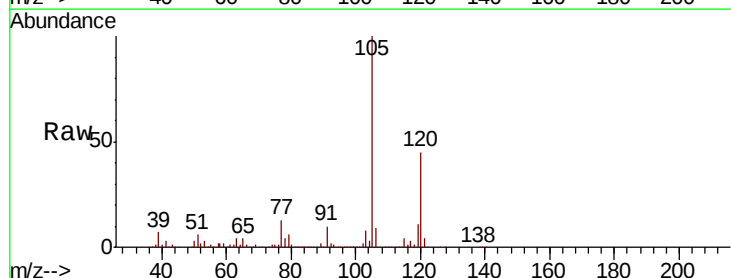
Instrument :  
MSVOA\_Y  
ClientSampled :

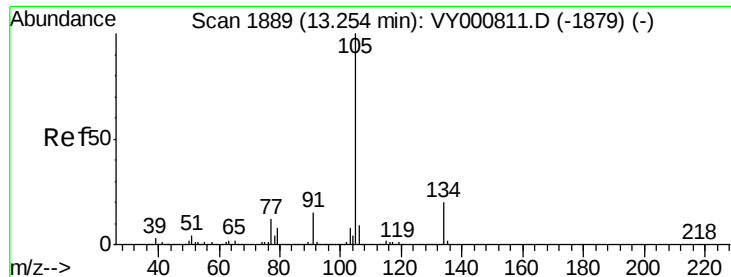
Tot Ion:119 Resp: 50123  
Ion Ratio Lower Upper  
119 100  
91 94.0 32.3 96.8  
134 0.0 12.9 38.7#



#84  
1,2,4-Trimethylbenzene  
Concen: 45.139 ug/l  
RT: 13.12 min Scan# 1867  
Delta R.T. -0.00 min  
Lab File: VY000825.D  
Acq: 27 Nov 2019 17:31

Tgt Ion:105 Resp: 435558  
Ion Ratio Lower Upper  
105 100  
120 45.7 22.6 67.8





#85

sec-Butylbenzene

Concen: 3.896 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000825.D

Acq: 27 Nov 2019 17:31

Instrument :

MSVOA\_Y

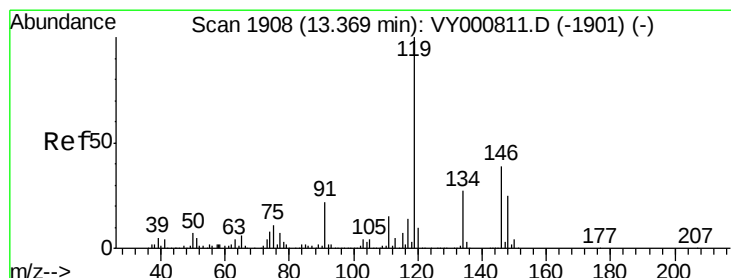
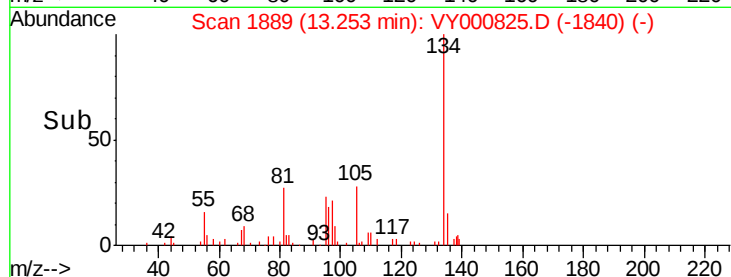
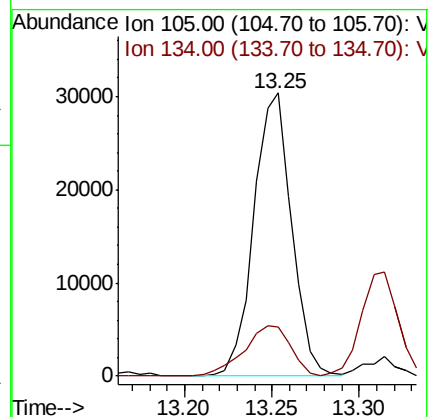
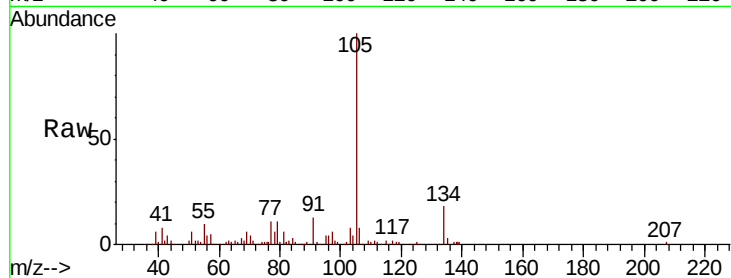
ClientSampleId :

Tot Ion:105 Resp: 45948

Ion Ratio Lower Upper

105 100

134 22.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 2.793 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000825.D

Acq: 27 Nov 2019 17:31

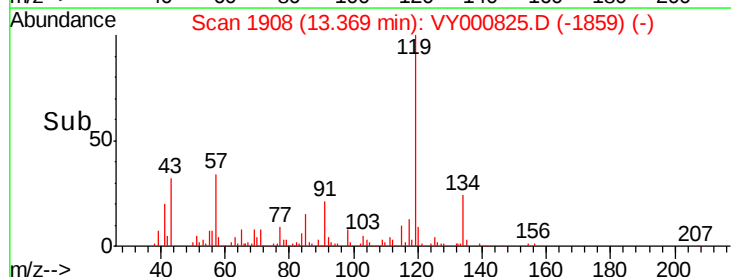
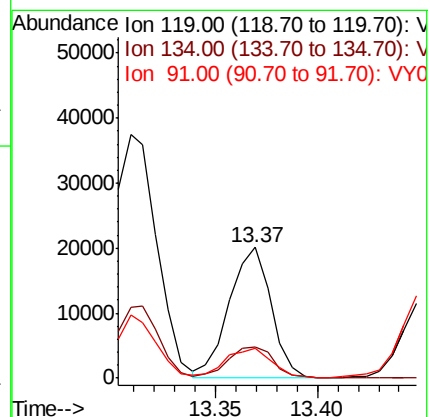
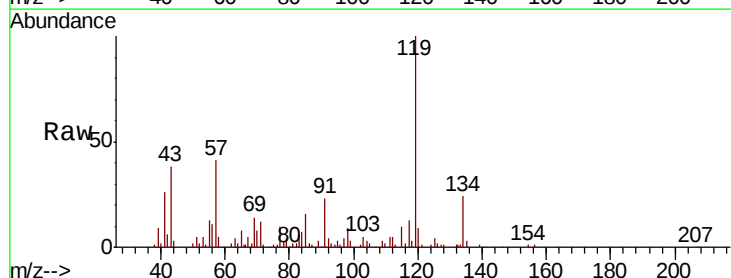
Tgt Ion:119 Resp: 28646

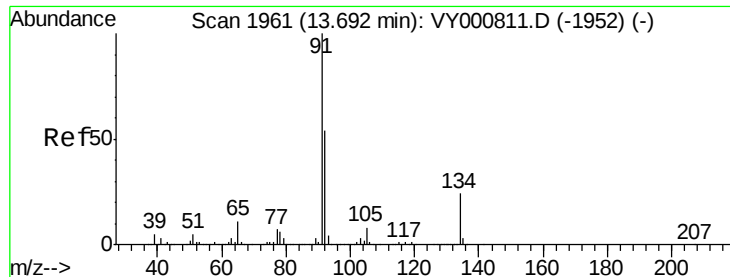
Ion Ratio Lower Upper

119 100

134 26.0 13.5 40.4

91 25.6 11.5 34.5

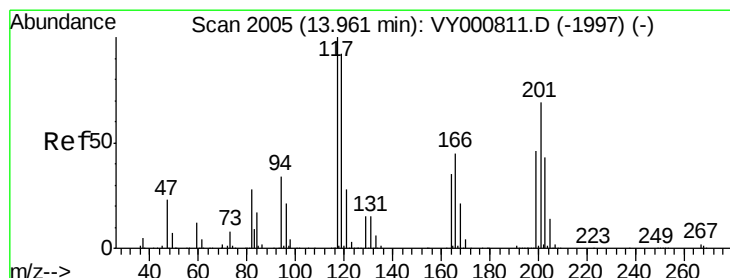
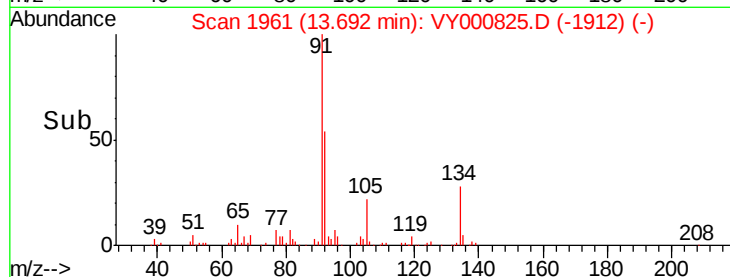
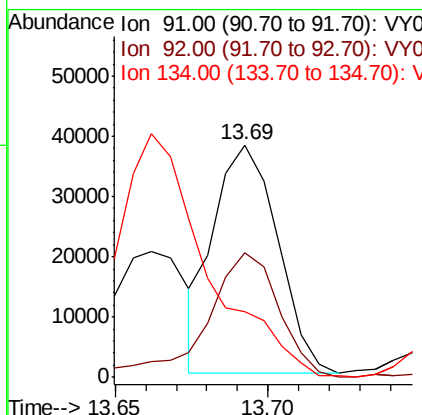
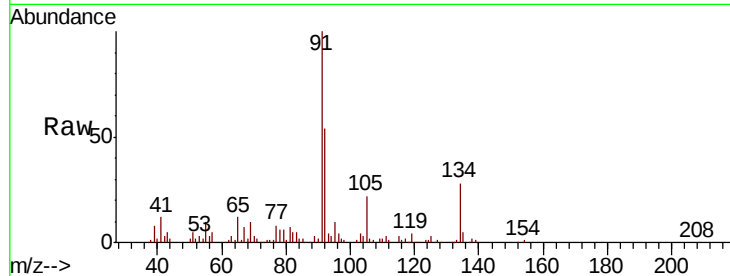




#89  
n-Butylbenzene  
Concen: 5.265 ug/l  
RT: 13.69 min Scan# 1961  
Delta R.T. -0.00 min  
Lab File: VY000825.D  
Acq: 27 Nov 2019 17:31

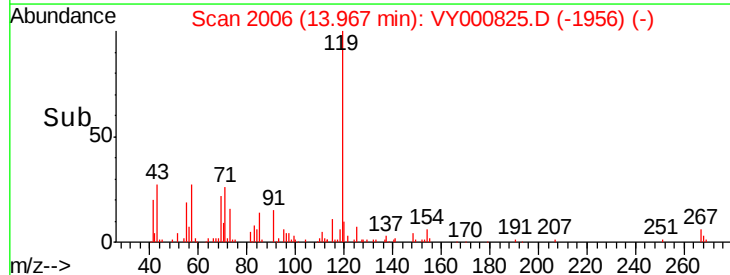
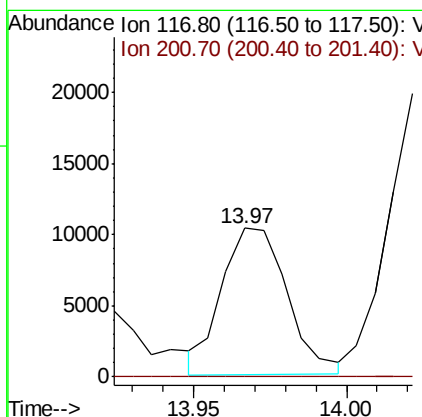
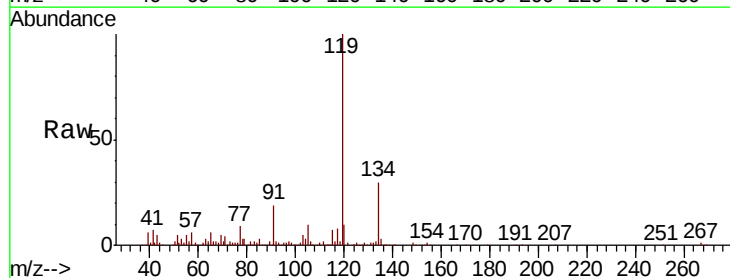
Instrument :  
MSVOA\_Y  
ClientSampleId :

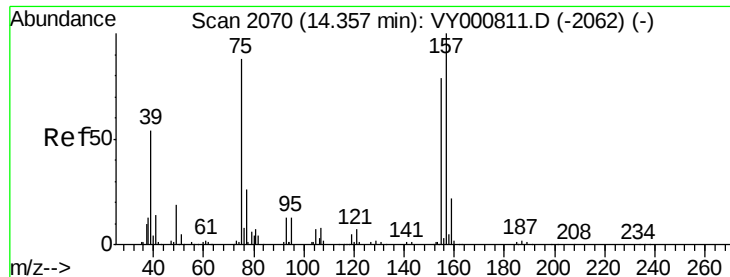
Tot Ion: 91 Resp: 54602  
Ion Ratio Lower Upper  
91 100  
92 61.2 26.9 80.7  
134 0.0 12.6 37.6#



#90  
Hexachloroethane  
Concen: 8.094 ug/l  
RT: 13.97 min Scan# 2006  
Delta R.T. 0.01 min  
Lab File: VY000825.D  
Acq: 27 Nov 2019 17:31

Tgt Ion: 117 Resp: 15293  
Ion Ratio Lower Upper  
117 100  
201 0.0 34.0 102.0#

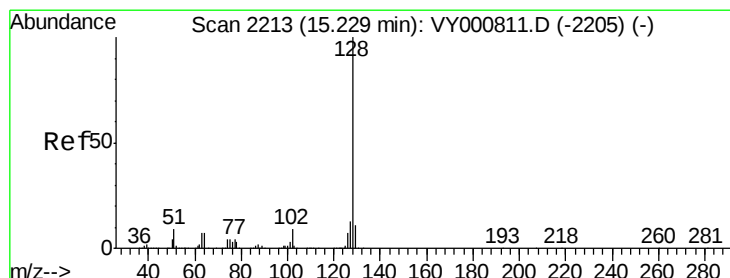
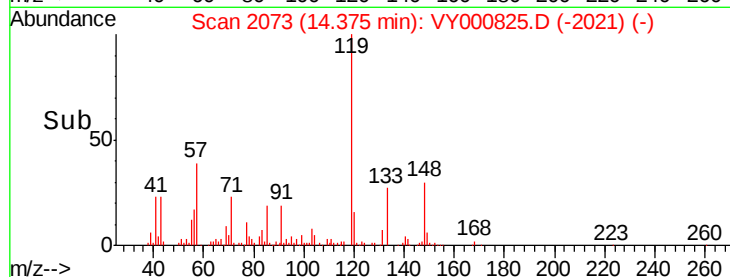
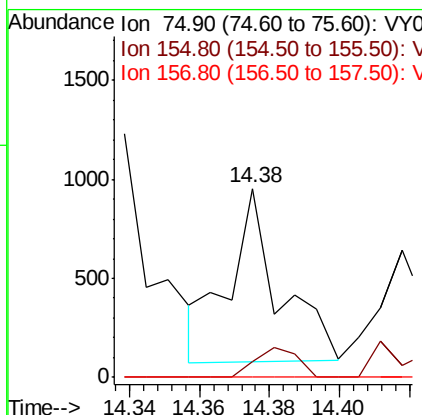
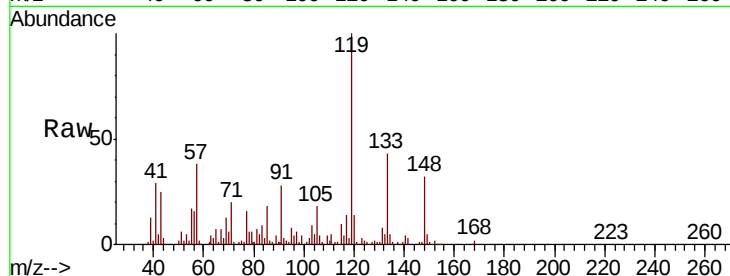




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 2.256 ug/l  
 RT: 14.38 min Scan# 2073  
 Delta R.T. 0.02 min  
 Lab File: VY000825.D  
 Acq: 27 Nov 2019 17:31

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tot Ion: 75 Resp: 867  
 Ion Ratio Lower Upper  
 75 100  
 155 14.8 44.3 132.9#  
 157 0.0 56.3 168.9#



#95  
 Naphthalene  
 Concen: 422.967 ug/l  
 RT: 15.23 min Scan# 2214  
 Delta R.T. 0.01 min  
 Lab File: VY000825.D  
 Acq: 27 Nov 2019 17:31

Tgt Ion: 128 Resp: 2960988  
 Ion Ratio Lower Upper  
 128 100  
 127 12.5 10.1 15.1  
 129 11.0 8.8 13.2

