

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020320\  
 Data File : VY001476.D  
 Acq On : 03 Feb 2020 16:29  
 Operator : SY/MD  
 Sample : L1383--01  
 Misc : 6.62G/5ML/MSVOA Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-A

Quant Time: Feb 04 04:21:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 23 01:21:47 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 205453   | 50.00 | ug/l  | -0.02    |
| 34) 1,4-Difluorobenzene    | 8.70  | 114  | 370752   | 50.00 | ug/l  | -0.01    |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 335771   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152  | 149936   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.16  | 65   | 117968   | 52.77  | ug/l    | -0.01    |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 105.54% |          |
| 35) Dibromofluoromethane    | 7.74  | 113  | 112729   | 51.81  | ug/l    | -0.01    |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 103.62% |          |
| 50) Toluene-d8              | 10.19 | 98   | 441778   | 52.26  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 104.52% |          |
| 62) 4-Bromofluorobenzene    | 12.49 | 95   | 168048   | 49.91  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 99.82%  |          |

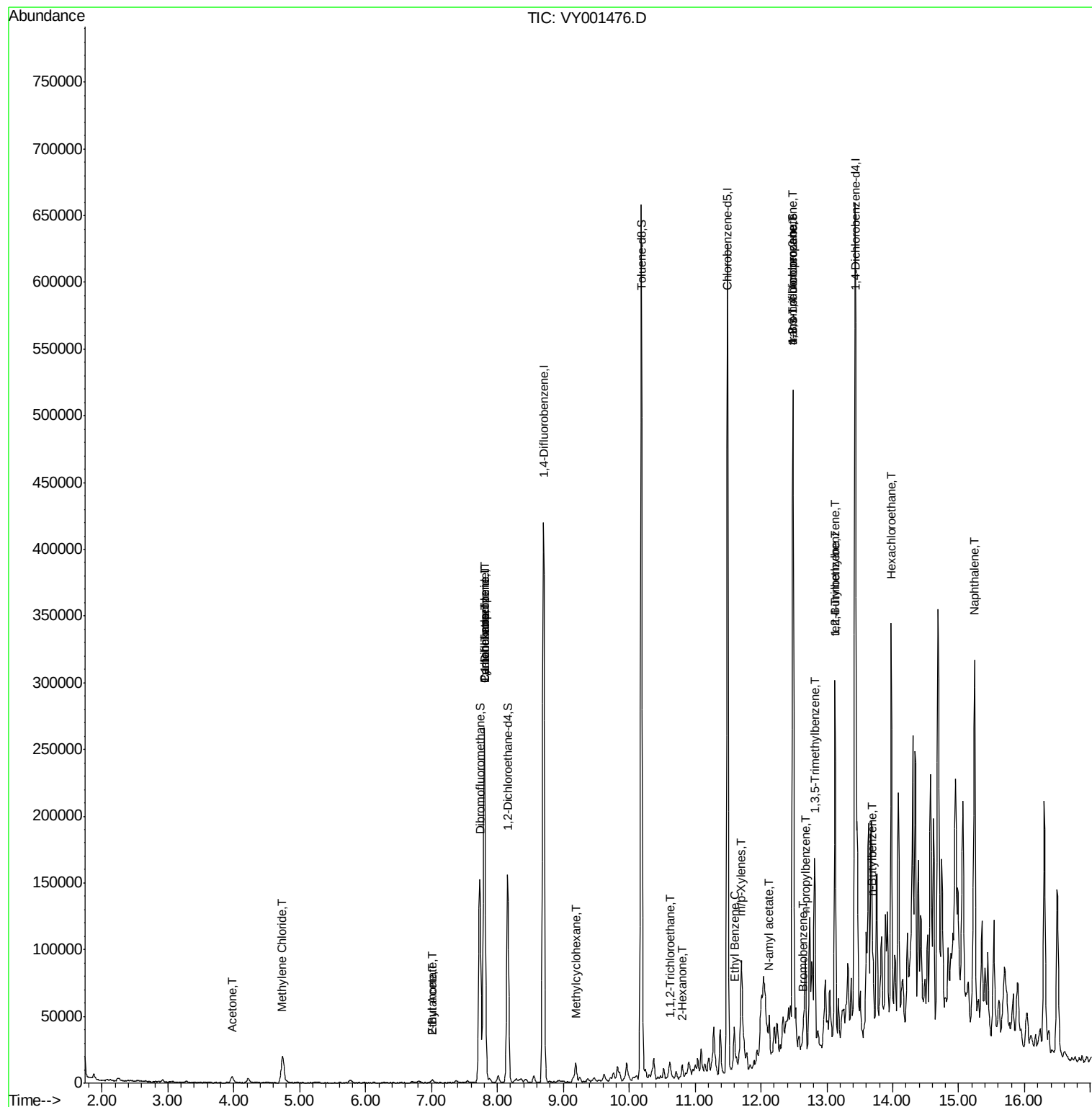
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 11) Tert butyl alcohol         | 4.99  | 59   | 160      | Below Cal | #      | 74     |
| 13) Acrolein                   | 3.97  | 56   | 53       | Below Cal | #      | 72     |
| 16) Acetone                    | 3.97  | 43   | 7939     | 6.085     | ug/l   | 100    |
| 20) Methylene Chloride         | 4.74  | 84   | 15218    | 1.392     | ug/l   | 99     |
| 25) 2-Butanone                 | 7.02  | 43   | 2504     | 2.573     | ug/l   | 94     |
| 31) Cyclohexane                | 7.80  | 56   | 5234     | 1.211     | ug/l # | 27     |
| 36) 1,1-Dichloropropene        | 7.80  | 75   | 15685    | 4.478     | ug/l # | 50     |
| 37) Ethyl Acetate              | 7.02  | 43   | 2504     | 1.170     | ug/l # | 68     |
| 38) Carbon Tetrachloride       | 7.80  | 117  | 20181    | 6.465     | ug/l # | 16     |
| 39) Methylcyclohexane          | 9.19  | 83   | 6164     | 1.374     | ug/l   | 92     |
| 55) 1,1,2-Trichloroethane      | 10.63 | 97   | 3732     | 1.774     | ug/l # | 22     |
| 59) 2-Hexanone                 | 10.80 | 43   | 4272     | 2.863     | ug/l # | 34     |
| 67) Ethyl Benzene              | 11.60 | 91   | 19442    | 1.491     | ug/l   | 100    |
| 68) m/p-Xylenes                | 11.70 | 106  | 21147    | 4.341     | ug/l   | 99     |
| 74) N-amyl acetate             | 12.13 | 43   | 6695     | 1.729     | ug/l # | 43     |
| 76) 1,2,3-Trichloropropane     | 12.49 | 75   | 79212    | 43.843    | ug/l # | 100    |
| 77) Bromobenzene               | 12.63 | 156  | 3703     | 1.413     | ug/l # | 1      |
| 78) n-propylbenzene            | 12.67 | 91   | 50344    | 3.535     | ug/l   | 98     |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 44706    | 4.527     | ug/l   | 97     |
| 81) trans-1,4-Dichloro-2-buten | 12.49 | 75   | 79212    | 82.967    | ug/l # | 15     |
| 83) tert-Butylbenzene          | 13.13 | 119  | 16656    | 2.001     | ug/l # | 64     |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 145072   | 14.632    | ug/l   | 100    |
| 89) n-Butylbenzene             | 13.70 | 91   | 26049    | 2.483     | ug/l # | 81     |
| 90) Hexachloroethane           | 13.98 | 117  | 13022    | 6.591     | ug/l # | 15     |
| 95) Naphthalene                | 15.24 | 128  | 211777   | 29.648    | ug/l   | 99     |

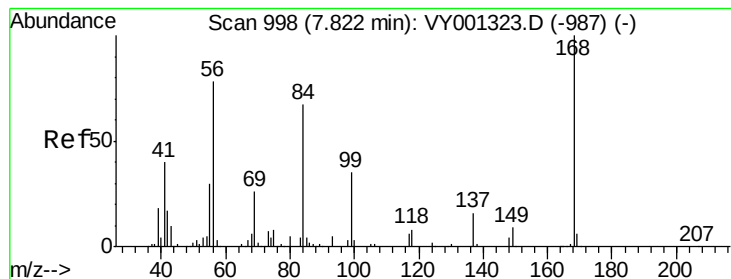
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
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ClientSampleId :  
TP-A

Quant Time: Feb 04 04:21:00 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 23 01:21:47 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY001476.D

Acq: 03 Feb 2020 16:29

Instrument :

MSVOA\_Y

ClientSampled :

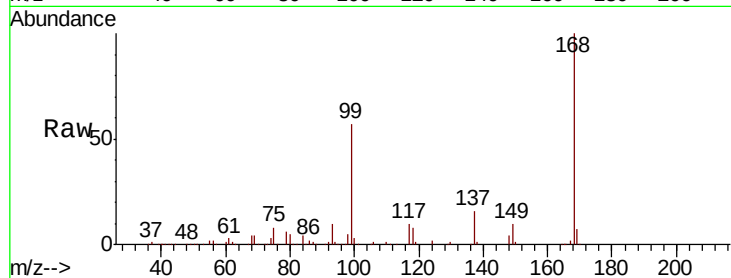
TP-A

Tot Ion:168 Resp: 205453

Ion Ratio Lower Upper

168 100

99 57.4 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.80

100000

80000

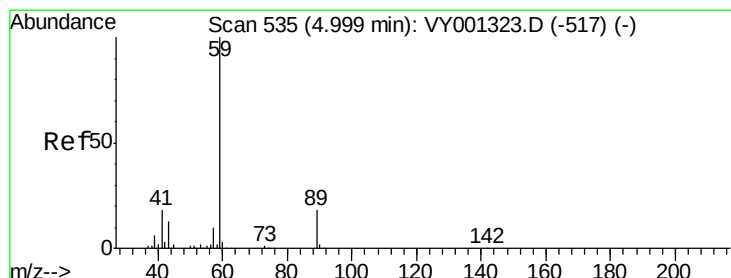
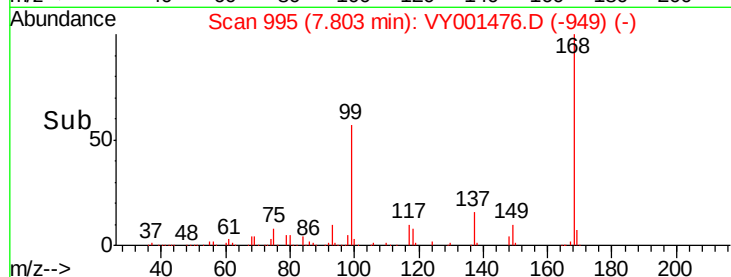
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001476.D

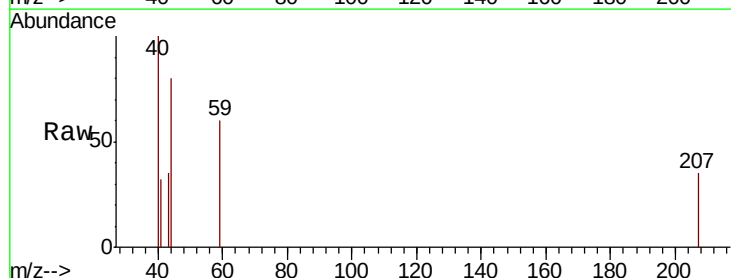
Acq: 03 Feb 2020 16:29

Tgt Ion: 59 Resp: 160

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001323.D (-517) (-)

Ion 57.00 (56.70 to 57.70): VY001323.D (-517) (-)

4.99

120

100

80

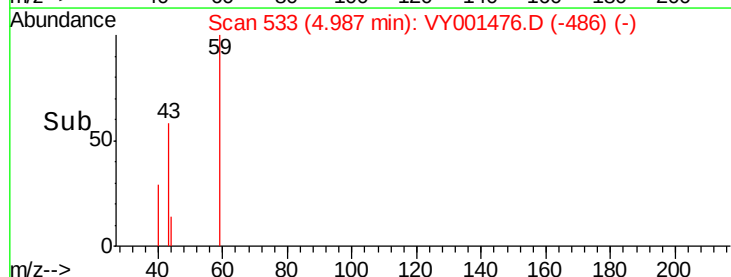
60

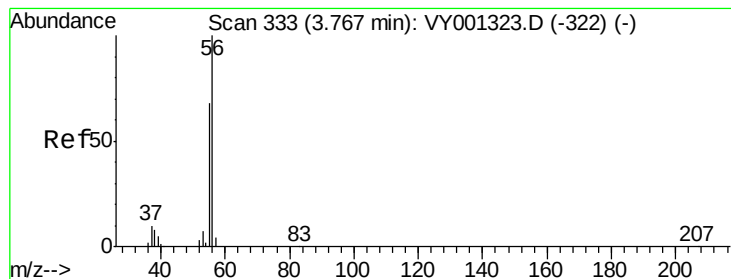
40

20

0

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.97 min Scan# 367

Delta R.T. 0.21 min

Lab File: VY001476.D

Acq: 03 Feb 2020 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

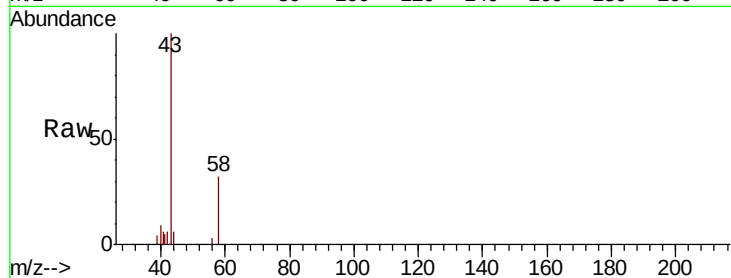
TP-A

Tot Ion: 56 Resp: 53

Ion Ratio Lower Upper

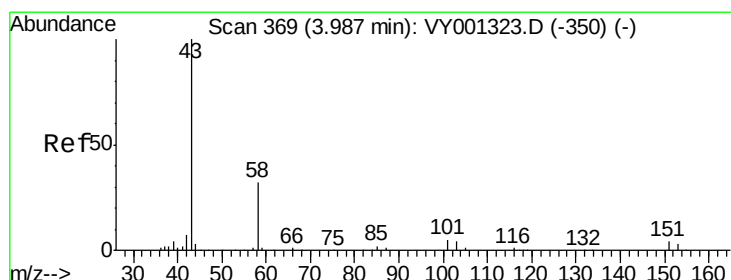
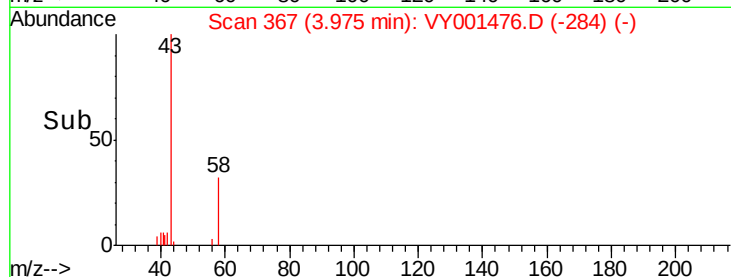
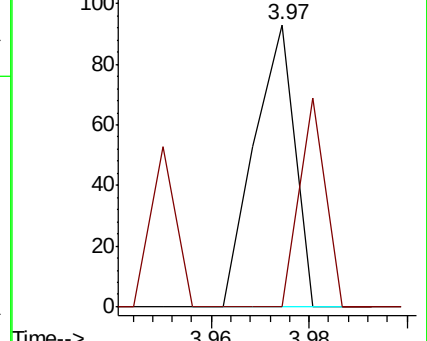
56 100

55 47.2 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#16

Acetone

Concen: 6.085 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.01 min

Lab File: VY001476.D

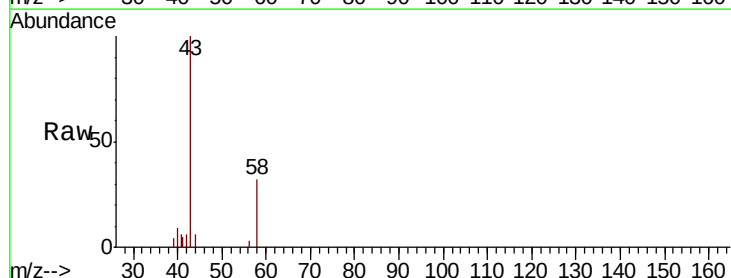
Acq: 03 Feb 2020 16:29

Tgt Ion: 43 Resp: 7939

Ion Ratio Lower Upper

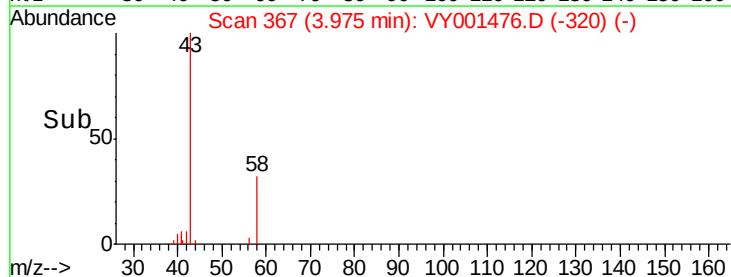
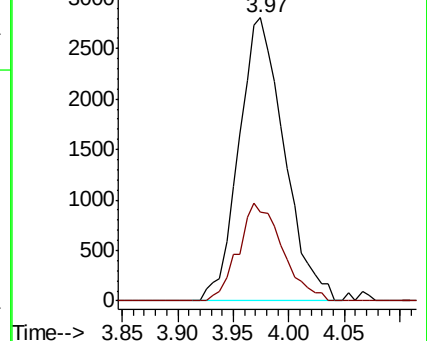
43 100

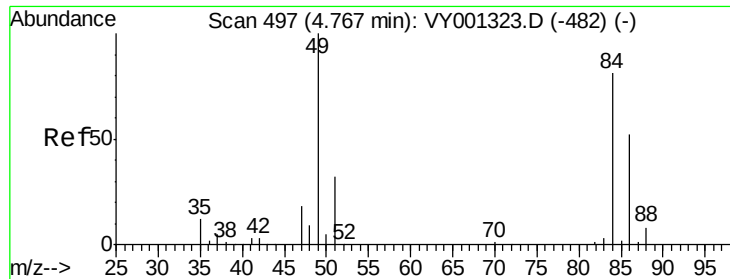
58 31.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

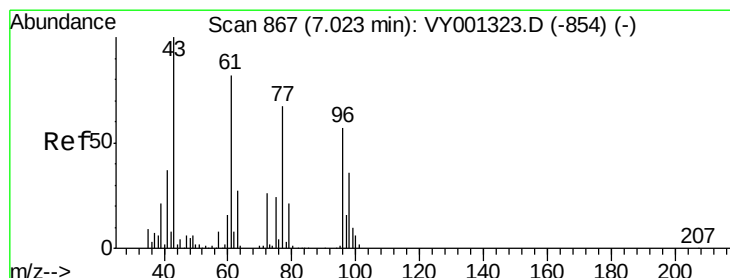
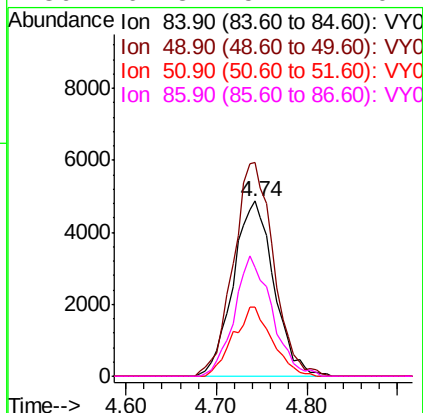
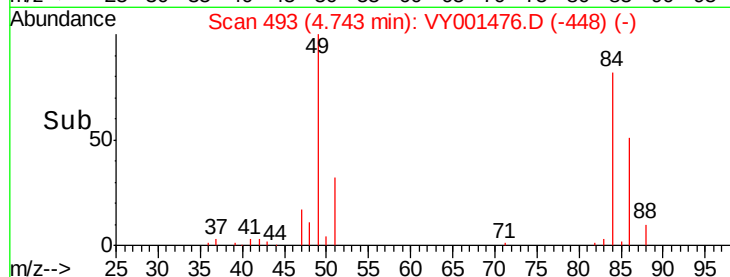
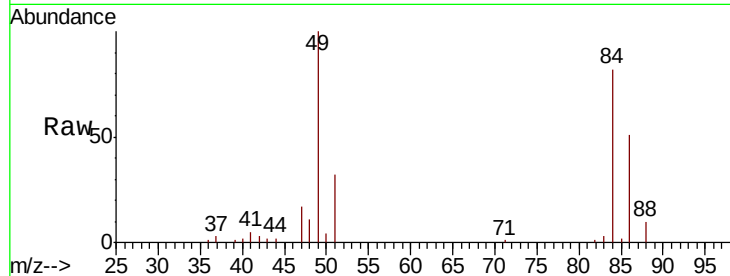




#20  
Methylene Chloride  
Concen: 1.392 ug/l  
RT: 4.74 min Scan# 493  
Delta R.T. -0.02 min  
Lab File: VY001476.D  
Acq: 03 Feb 2020 16:29

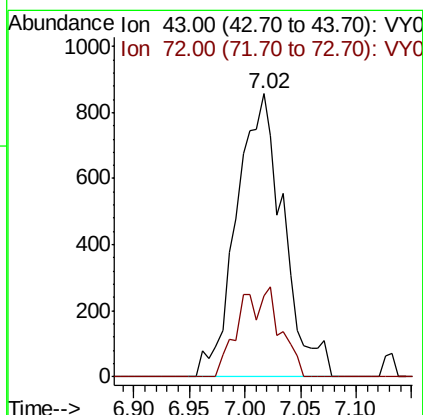
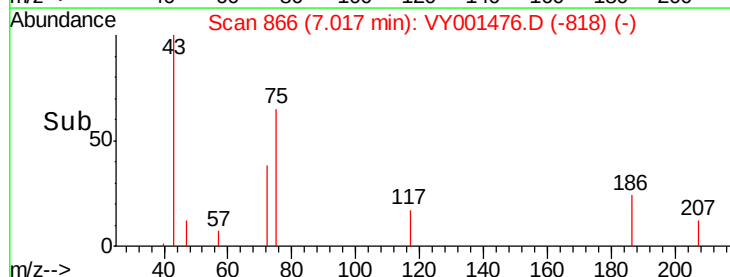
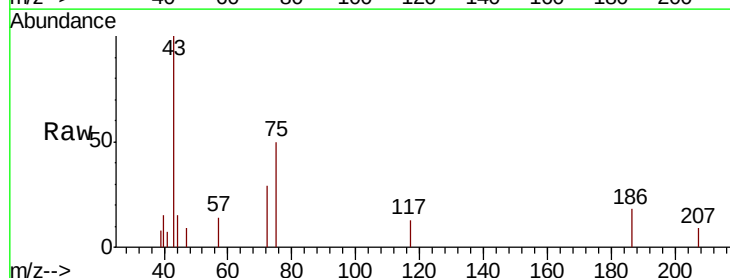
Instrument :  
MSVOA\_Y  
ClientSampled :  
TP-A

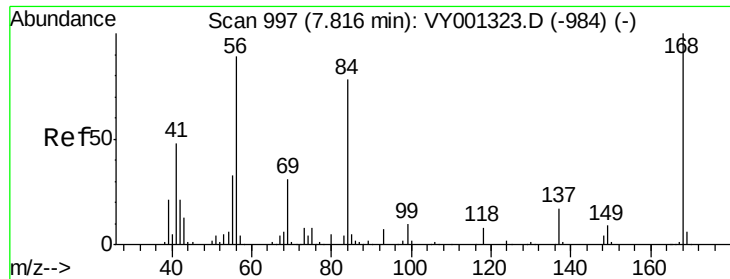
| Tot Ion: | 84    | Resp: | 15218 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 122.1 | 98.3  | 147.5 |
| 51       | 39.5  | 31.6  | 47.4  |
| 86       | 62.3  | 51.1  | 76.7  |



#25  
2-Butanone  
Concen: 2.573 ug/l  
RT: 7.02 min Scan# 866  
Delta R.T. -0.01 min  
Lab File: VY001476.D  
Acq: 03 Feb 2020 16:29

| Tgt Ion: | 43    | Resp: | 2504  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 28.8  | 20.6  | 31.0  |

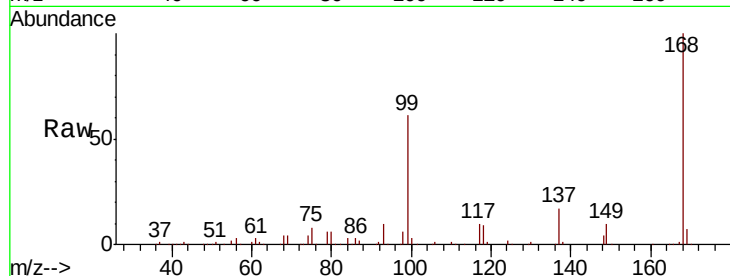




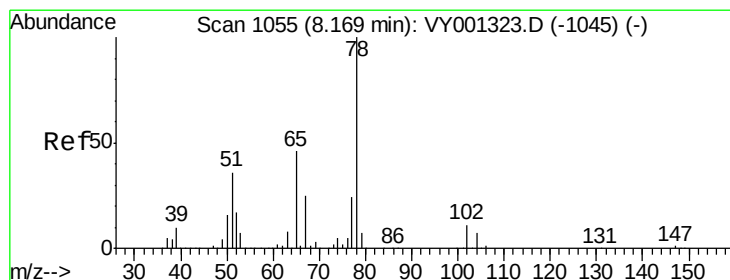
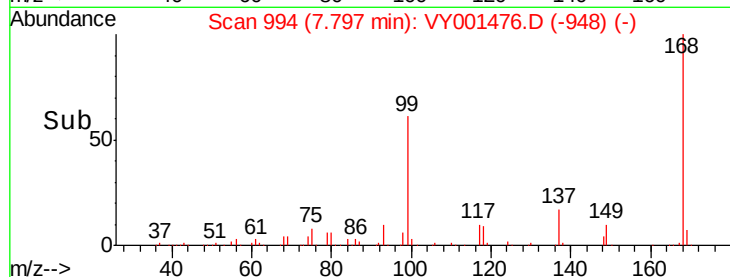
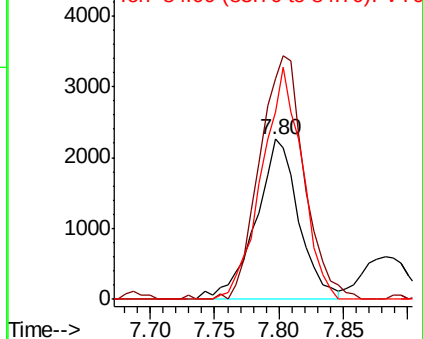
#31  
Cyclohexane  
Concen: 1.211 ug/l  
RT: 7.80 min Scan# 994  
Delta R.T. -0.02 min  
Lab File: VY001476.D  
Acq: 03 Feb 2020 16:29

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-A

Tot Ion: 56 Resp: 5234  
Ion Ratio Lower Upper  
56 100  
69 134.8 27.6 41.4#  
84 117.2 69.7 104.5#

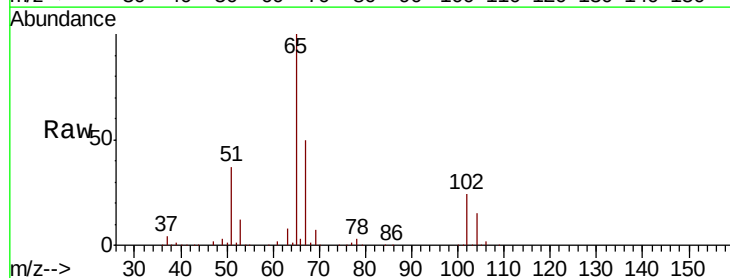


Abundance Ion 56.00 (55.70 to 56.70): VY0  
Ion 69.00 (68.70 to 69.70): VY0  
Ion 84.00 (83.70 to 84.70): VY0

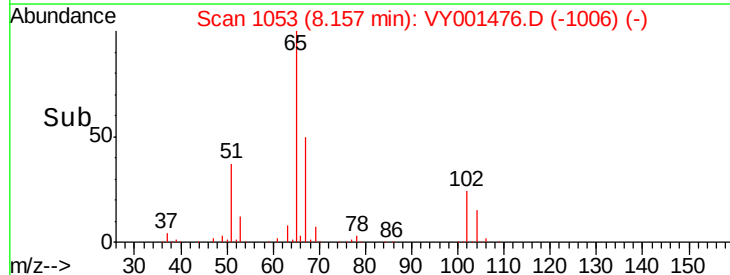
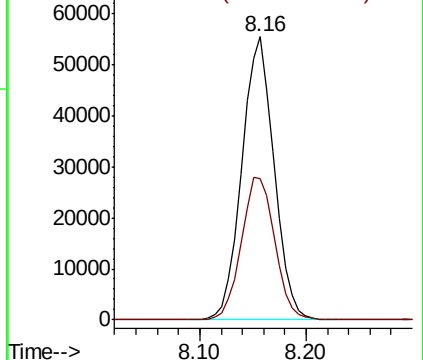


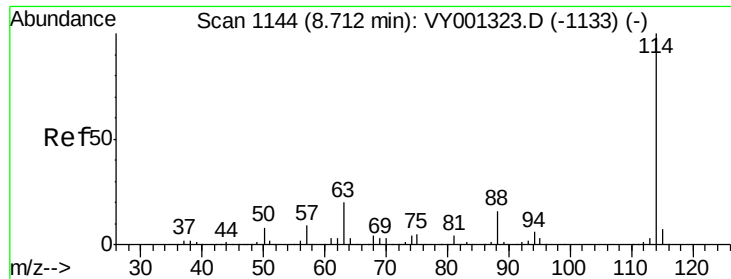
#33  
1,2-Dichloroethane-d4  
Concen: 52.768 ug/l  
RT: 8.16 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: VY001476.D  
Acq: 03 Feb 2020 16:29

Tgt Ion: 65 Resp: 117968  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 108.6



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: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001476.D

Acq: 03 Feb 2020 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

TP-A

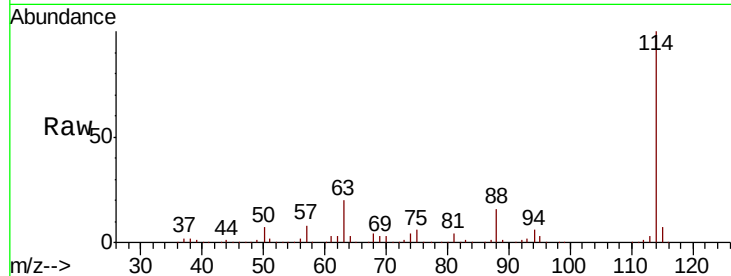
Tot Ion:114 Resp: 370752

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

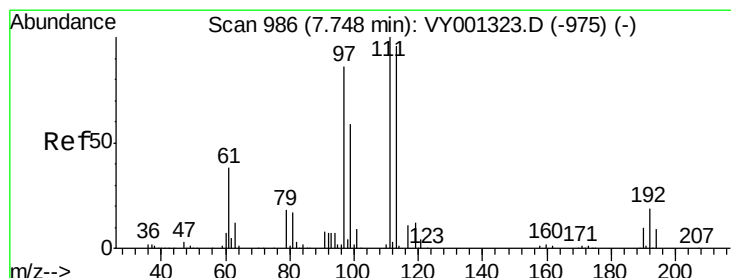
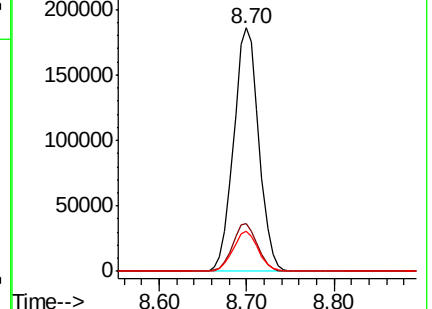
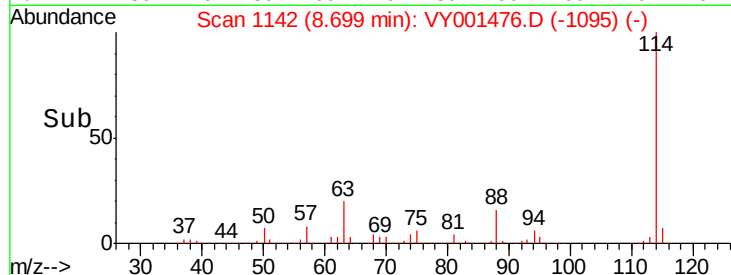
88 16.3 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 51.806 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001476.D

Acq: 03 Feb 2020 16:29

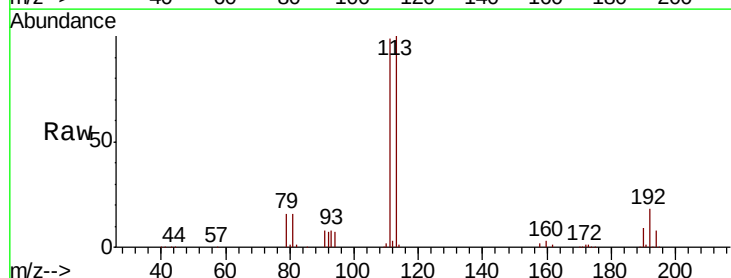
Tgt Ion:113 Resp: 112729

Ion Ratio Lower Upper

113 100

111 104.2 82.8 124.2

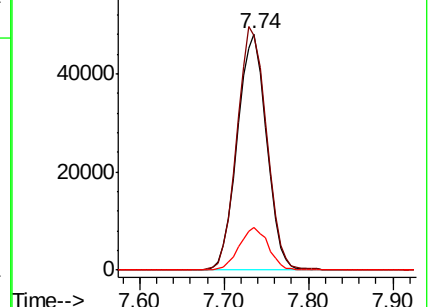
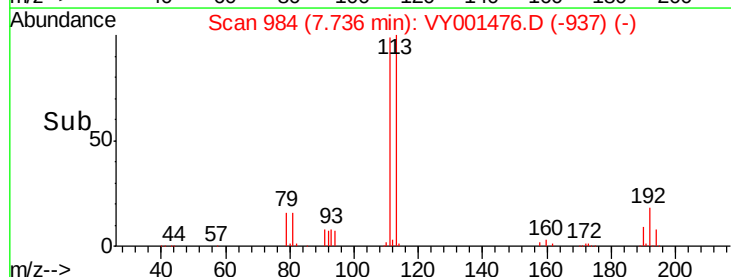
192 18.0 15.5 23.3

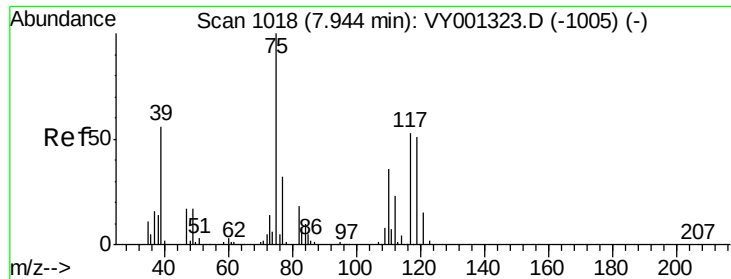


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.478 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.14 min

Lab File: VY001476.D

Acq: 03 Feb 2020 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

TP-A

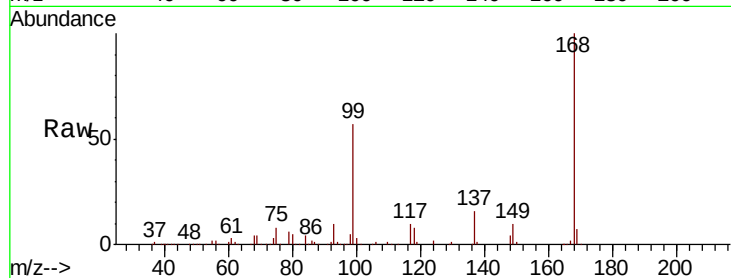
Tot Ion: 75 Resp: 15685

Ion Ratio Lower Upper

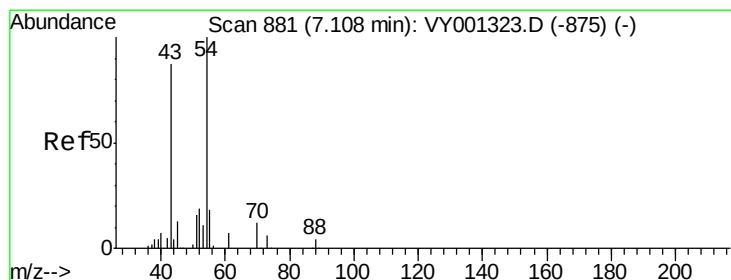
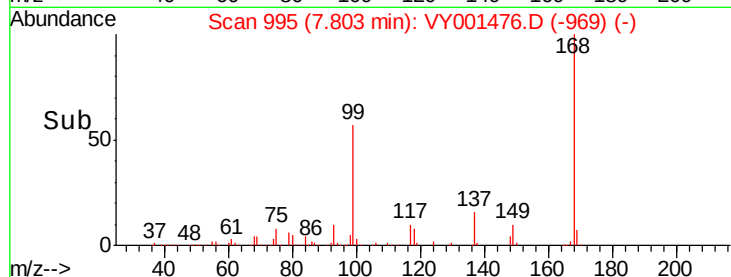
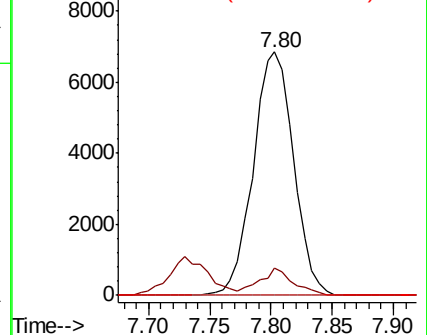
75 100

110 9.3 17.6 52.8#

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



#37

Ethyl Acetate

Concen: 1.170 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.09 min

Lab File: VY001476.D

Acq: 03 Feb 2020 16:29

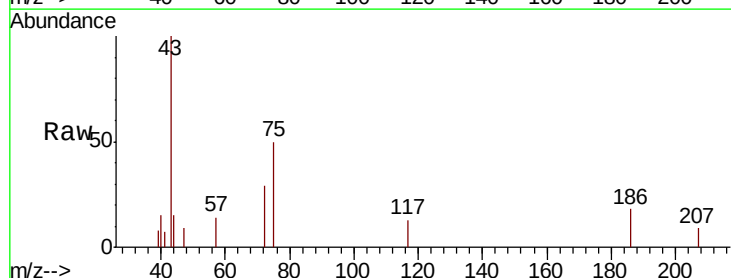
Tgt Ion: 43 Resp: 2504

Ion Ratio Lower Upper

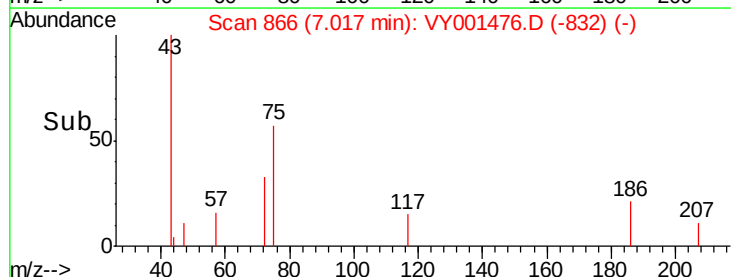
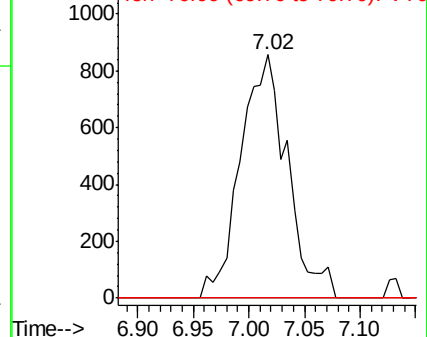
43 100

61 0.0 11.3 16.9#

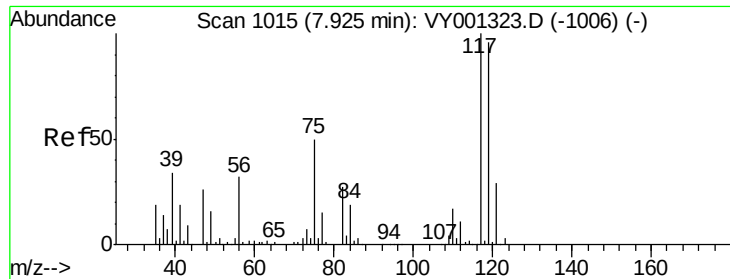
70 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0  
Ion 60.90 (60.60 to 61.60): VY0  
Ion 70.00 (69.70 to 70.70): VY0







#38

Carbon Tetrachloride

Concen: 6.465 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY001476.D

Acq: 03 Feb 2020 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

TP-A

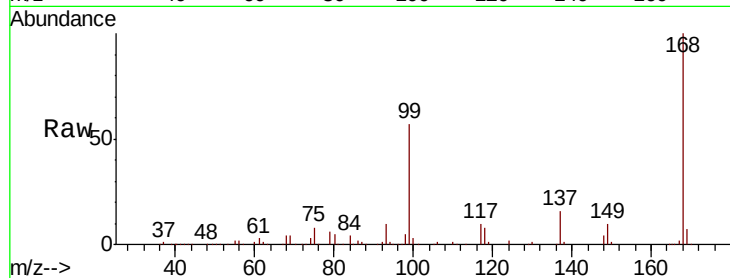
Tot Ion:117 Resp: 20181

Ion Ratio Lower Upper

117 100

119 5.5 76.3 114.5#

121 0.0 23.5 35.3#

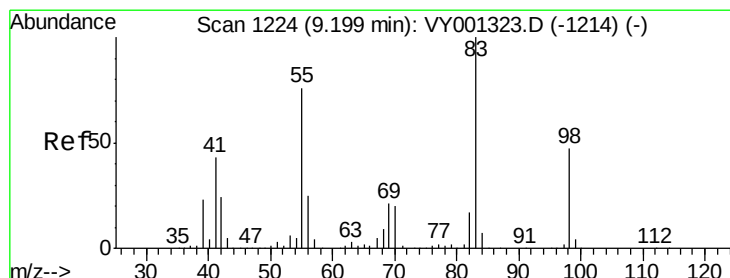
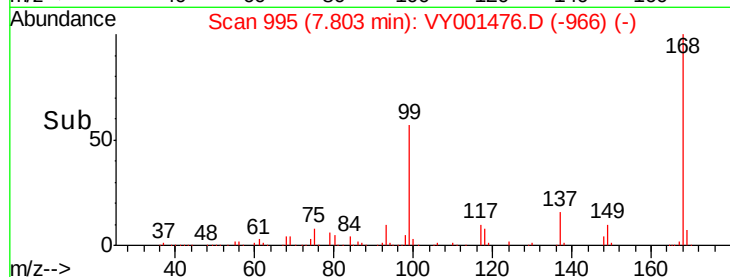
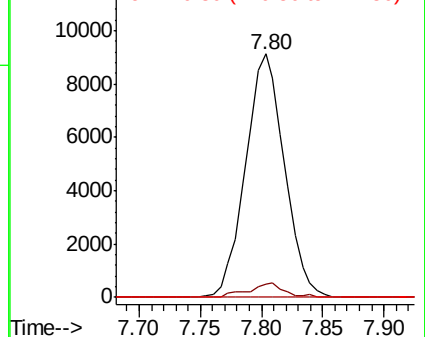


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.374 ug/l

RT: 9.19 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VY001476.D

Acq: 03 Feb 2020 16:29

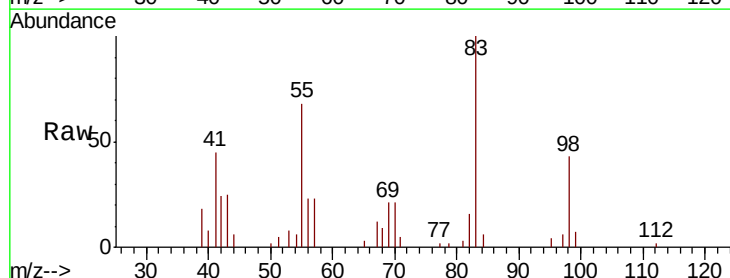
Tgt Ion: 83 Resp: 6164

Ion Ratio Lower Upper

83 100

55 68.1 60.7 91.1

98 43.0 37.8 56.8

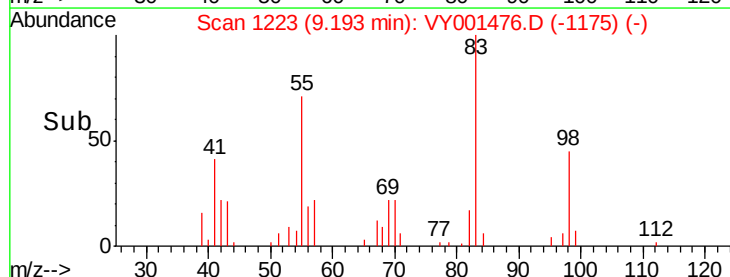
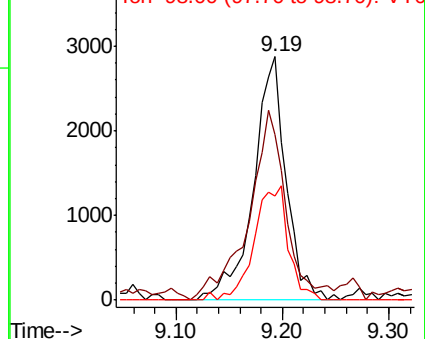


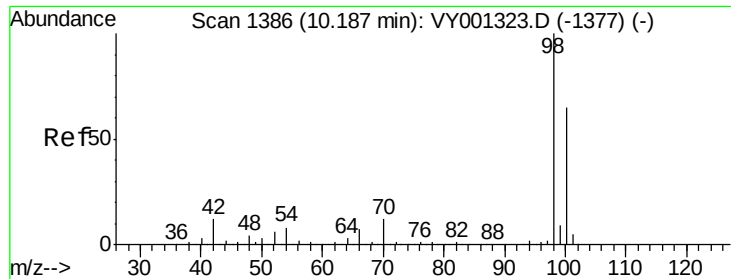
Abundance

Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#50

Toluene-d8

Concen: 52.256 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001476.D

Acq: 03 Feb 2020 16:29

Instrument :

MSVOA\_Y

ClientSampled :

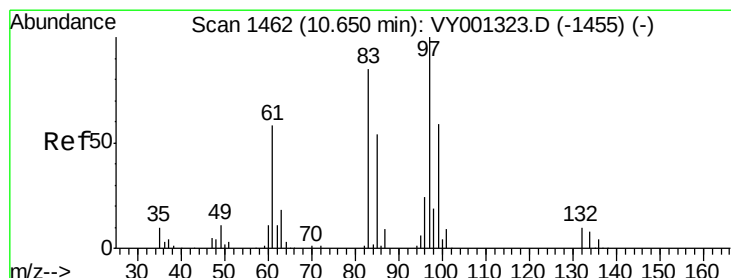
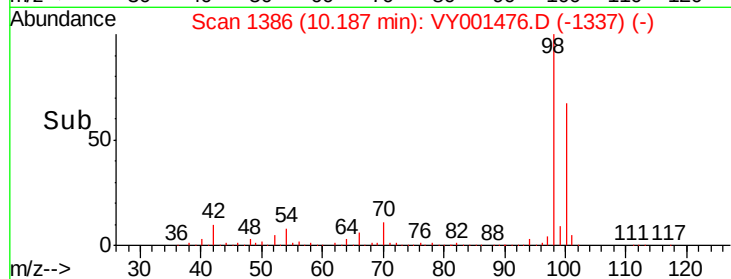
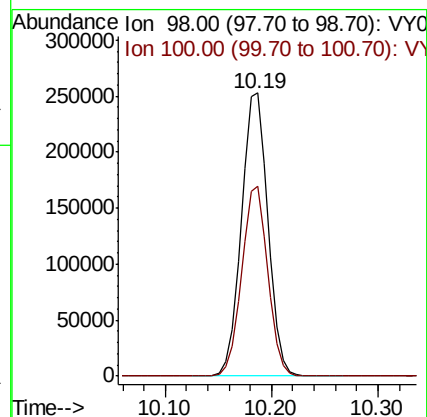
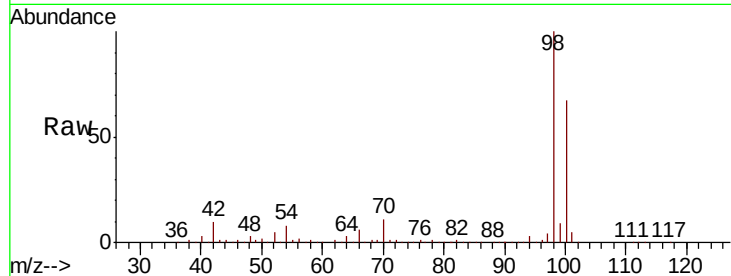
TP-A

Tot Ion: 98 Resp: 441778

Ion Ratio Lower Upper

98 100

100 65.9 52.6 79.0



#55

1,1,2-Trichloroethane

Concen: 1.774 ug/l

RT: 10.63 min Scan# 1458

Delta R.T. -0.02 min

Lab File: VY001476.D

Acq: 03 Feb 2020 16:29

Tgt Ion: 97 Resp: 3732

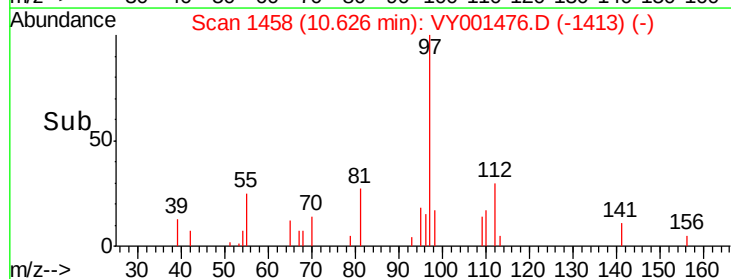
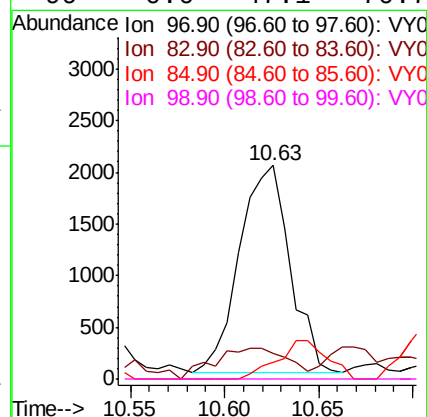
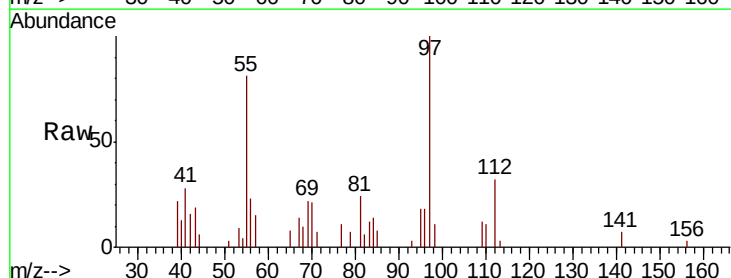
Ion Ratio Lower Upper

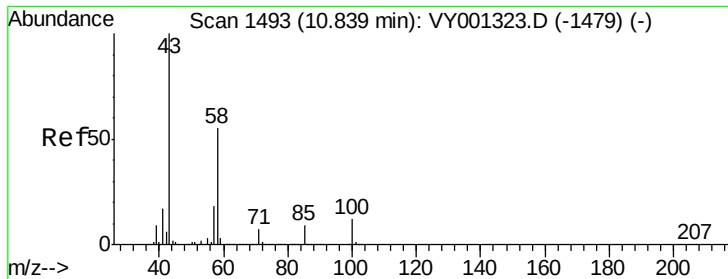
97 100

83 6.2 68.0 102.0#

85 8.0 43.6 65.4#

99 0.0 47.1 70.7#





#59

2-Hexanone

Concen: 2.863 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.04 min

Lab File: VY001476.D

Acq: 03 Feb 2020 16:29

Instrument :

MSVOA\_Y

ClientSampled :

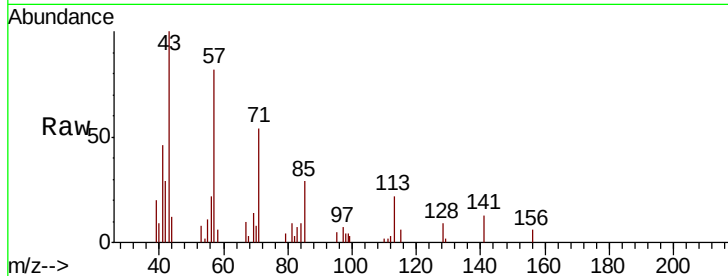
TP-A

Tot Ion: 43 Resp: 4272

Ion Ratio Lower Upper

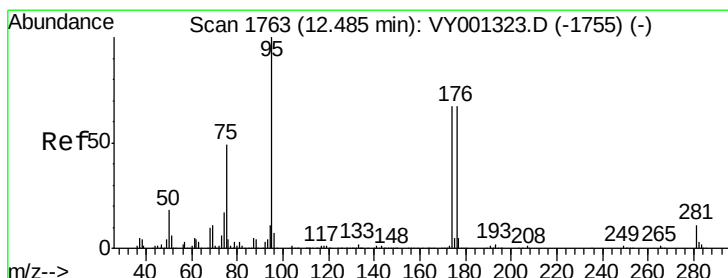
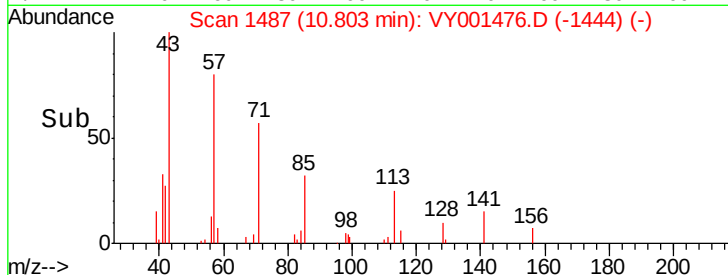
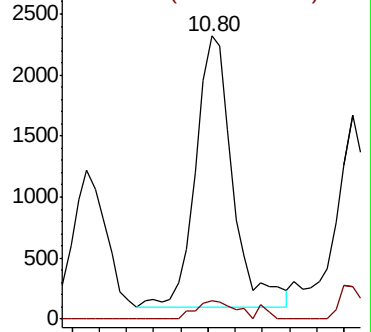
43 100

58 7.1 27.6 82.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 49.914 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001476.D

Acq: 03 Feb 2020 16:29

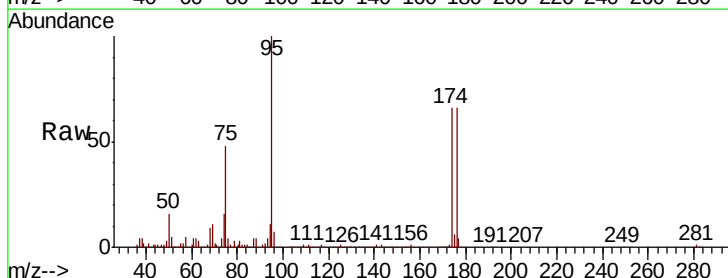
Tgt Ion: 95 Resp: 168048

Ion Ratio Lower Upper

95 100

174 69.9 0.0 142.0

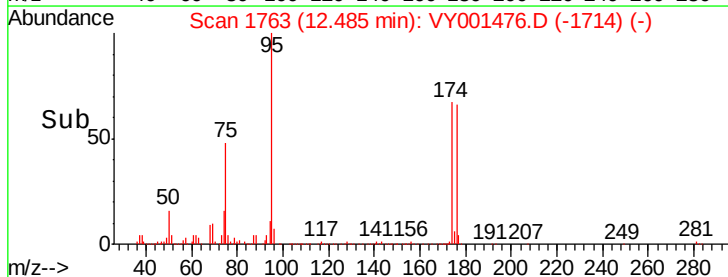
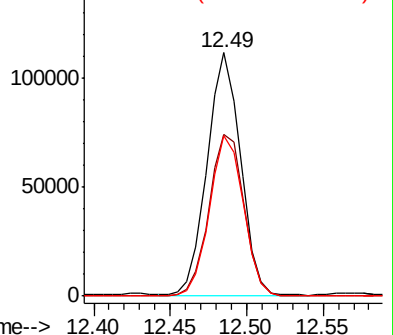
176 67.2 0.0 138.6

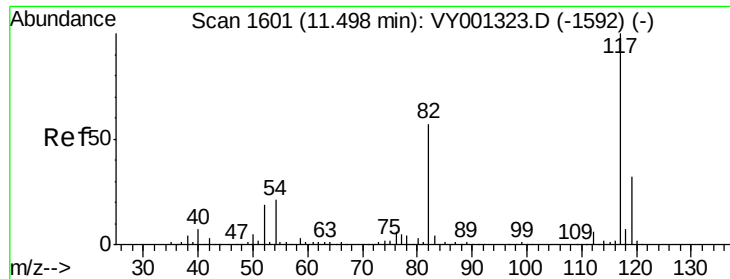


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY001476.D

Acq: 03 Feb 2020 16:29

Instrument :

MSVOA\_Y

ClientSampled :

TP-A

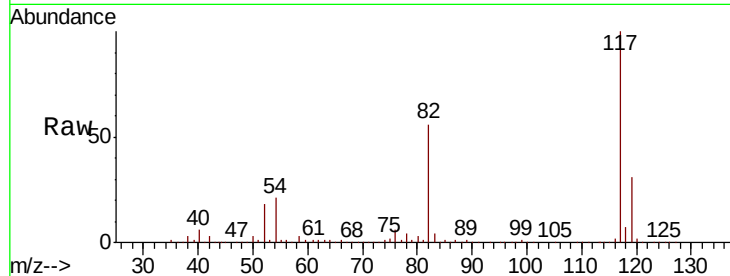
Tot Ion:117 Resp: 335771

Ion Ratio Lower Upper

117 100

82 55.6 45.5 68.3

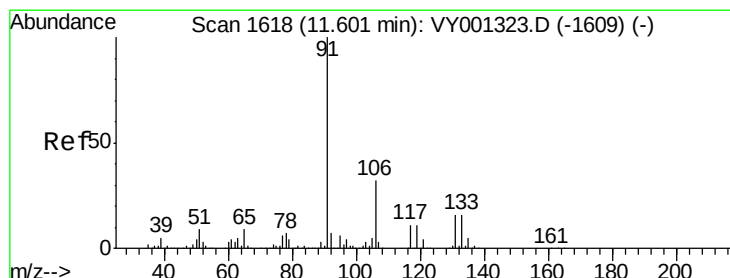
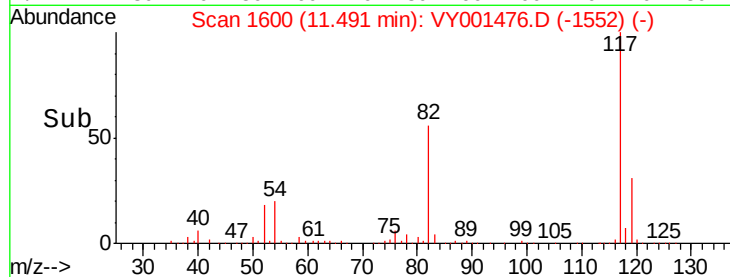
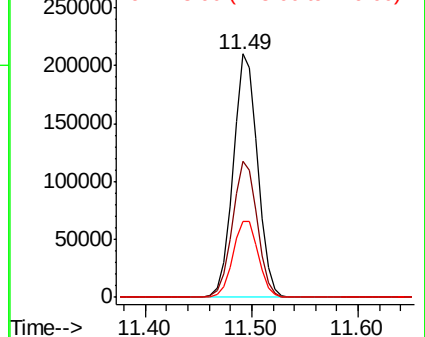
119 31.0 25.8 38.6



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: 1.491 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY001476.D

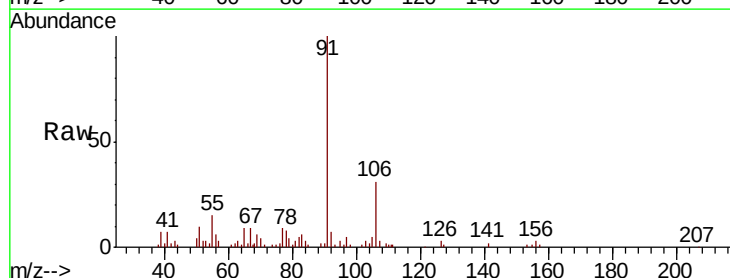
Acq: 03 Feb 2020 16:29

Tgt Ion: 91 Resp: 19442

Ion Ratio Lower Upper

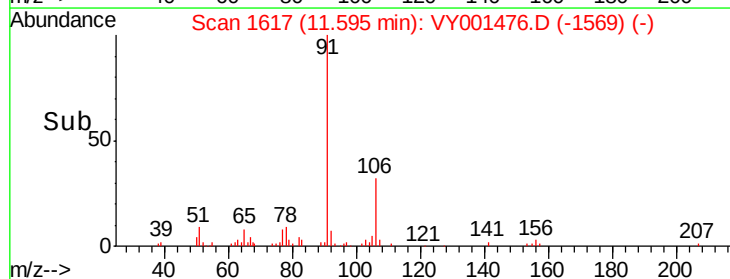
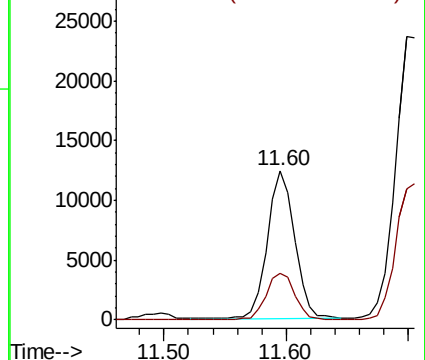
91 100

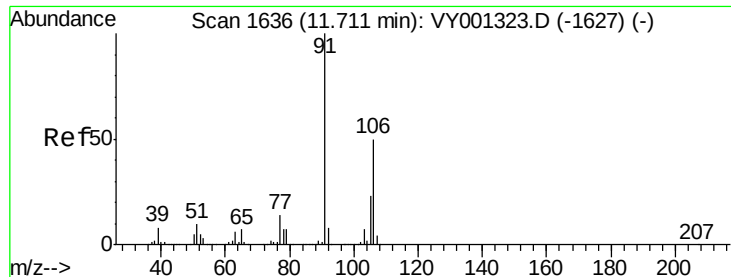
106 31.4 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V

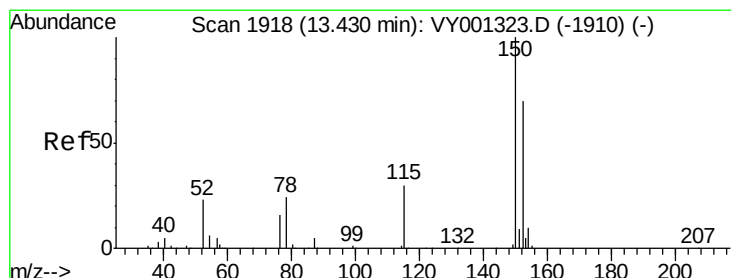
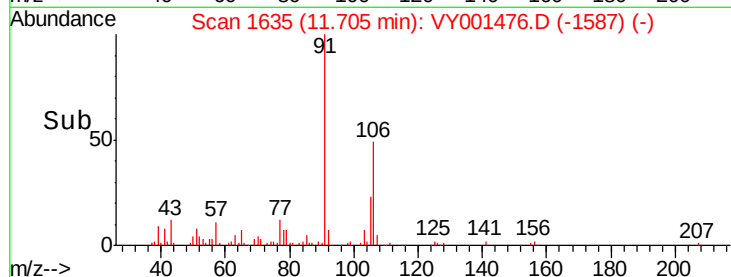
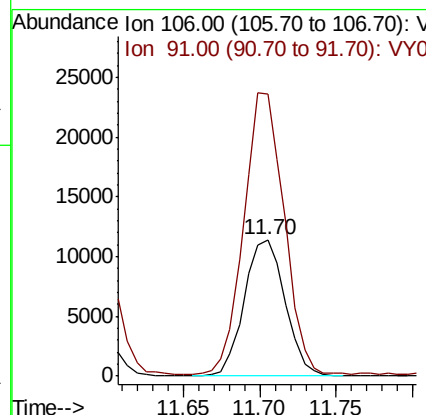
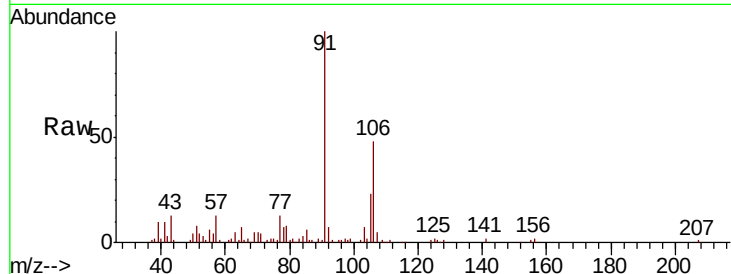




#68  
m/p-Xvlenes  
Concen: 4.341 ug/l  
RT: 11.70 min Scan# 1635  
Delta R.T. -0.01 min  
Lab File: VY001476.D  
Acq: 03 Feb 2020 16:29

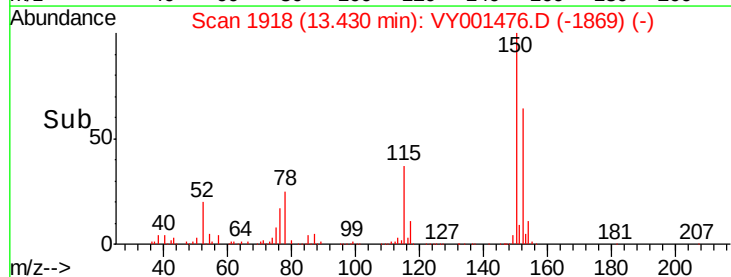
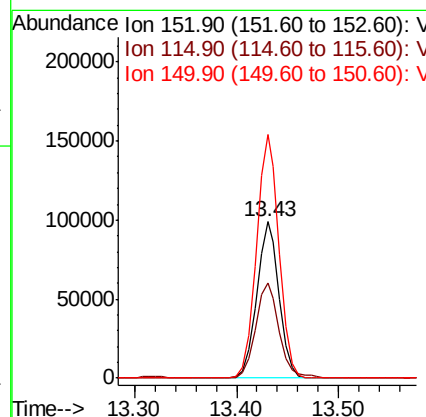
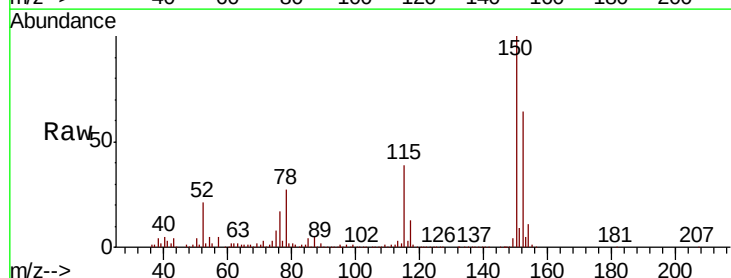
Instrument :  
MSVOA\_Y  
ClientSampled :  
TP-A

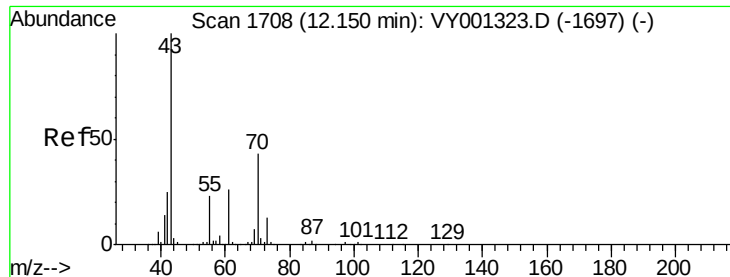
Tot Ion:106 Resp: 21147  
Ion Ratio Lower Upper  
106 100  
91 204.4 162.8 244.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.43 min Scan# 1918  
Delta R.T. -0.00 min  
Lab File: VY001476.D  
Acq: 03 Feb 2020 16:29

Tgt Ion:152 Resp: 149936  
Ion Ratio Lower Upper  
152 100  
115 63.7 30.9 92.8  
150 157.2 0.0 349.2





#74

N-amvl acetate

Concen: 1.729 ug/l

RT: 12.13 min Scan# 1704

Delta R.T. -0.02 min

Lab File: VY001476.D

Acq: 03 Feb 2020 16:29

Instrument :

MSVOA\_Y

ClientSampled :

TP-A

Tot Ion: 43 Resp: 6695

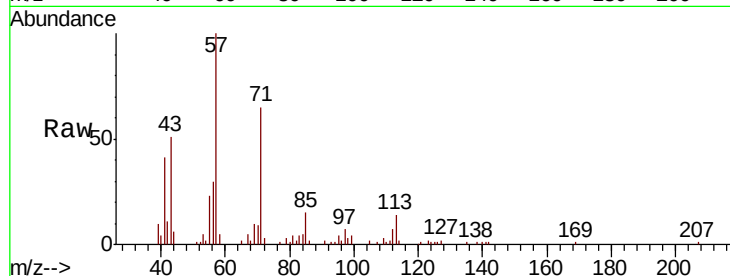
Ion Ratio Lower Upper

43 100

70 0.0 33.5 50.3#

55 0.0 18.2 27.2#

61 0.0 19.6 29.4#

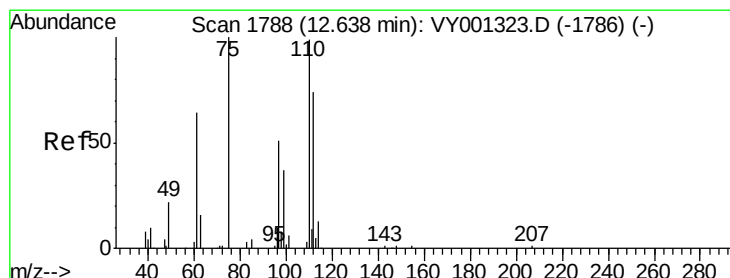
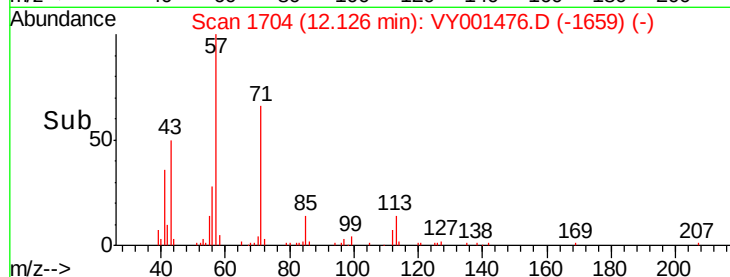
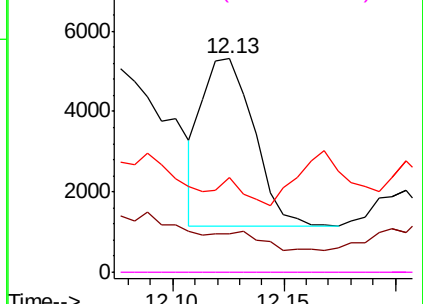


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



#76

1,2,3-Trichloropropane

Concen: 43.843 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY001476.D

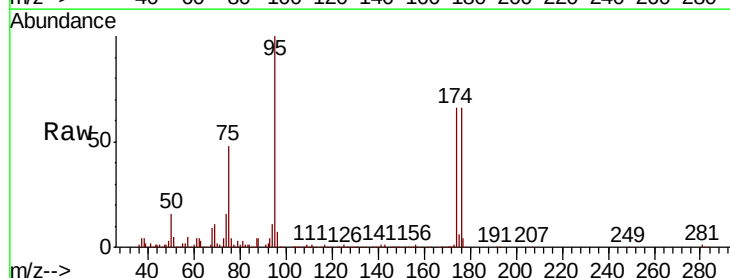
Acq: 03 Feb 2020 16:29

Tgt Ion: 75 Resp: 79212

Ion Ratio Lower Upper

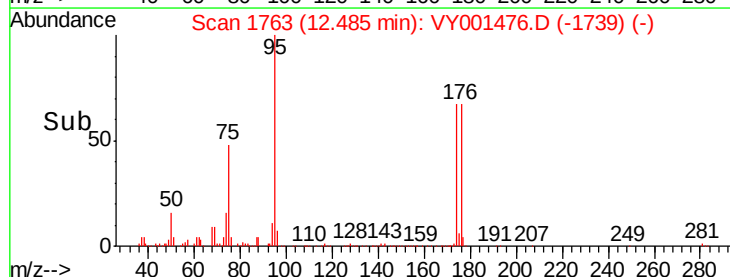
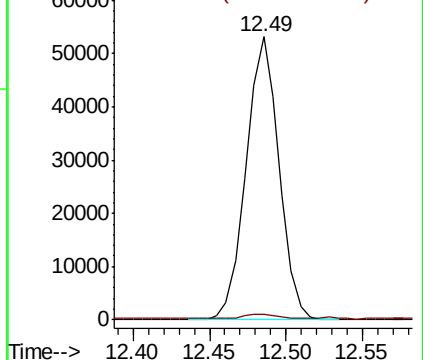
75 100

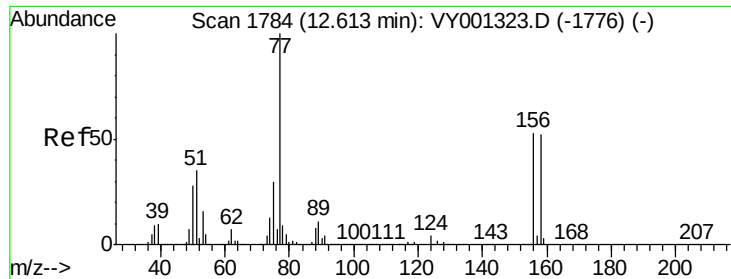
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 1.413 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY001476.D

Acq: 03 Feb 2020 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

TP-A

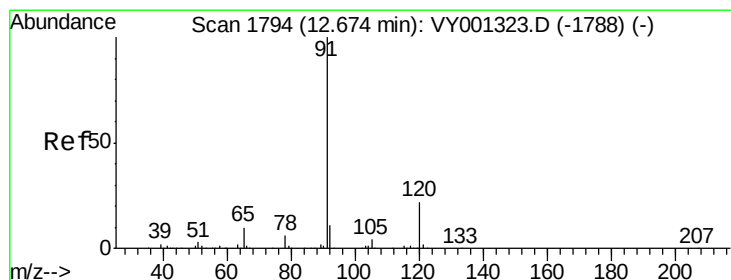
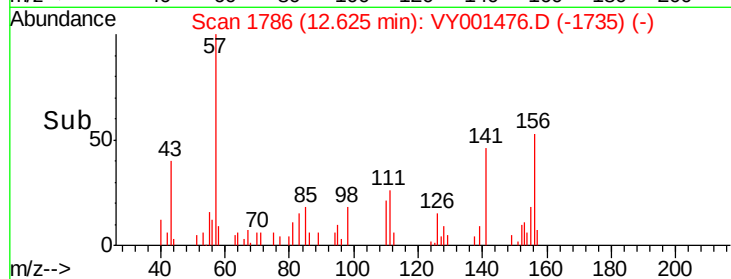
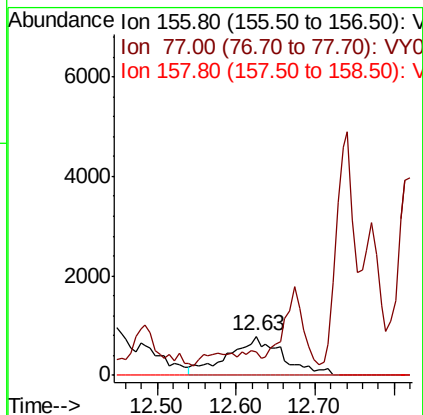
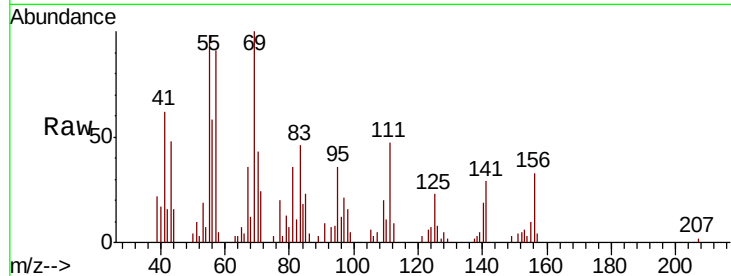
Tot Ion:156 Resp: 3703

Ion Ratio Lower Upper

156 100

77 9.4 104.7 313.9#

158 0.0 48.6 145.8#



#78

n-propylbenzene

Concen: 3.535 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY001476.D

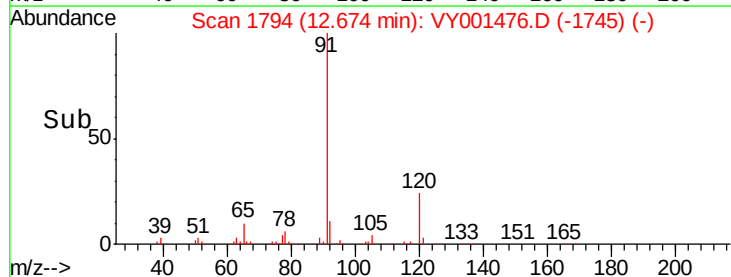
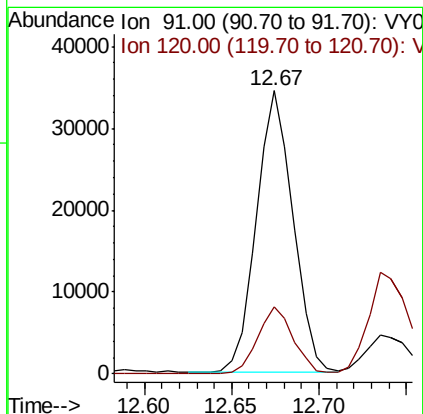
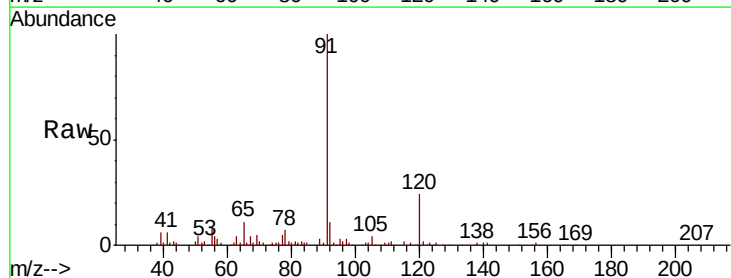
Acq: 03 Feb 2020 16:29

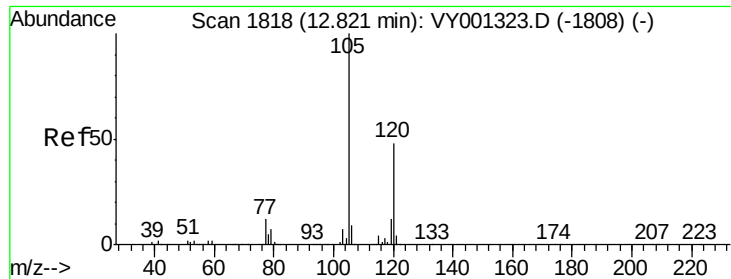
Tgt Ion: 91 Resp: 50344

Ion Ratio Lower Upper

91 100

120 23.2 11.3 33.8

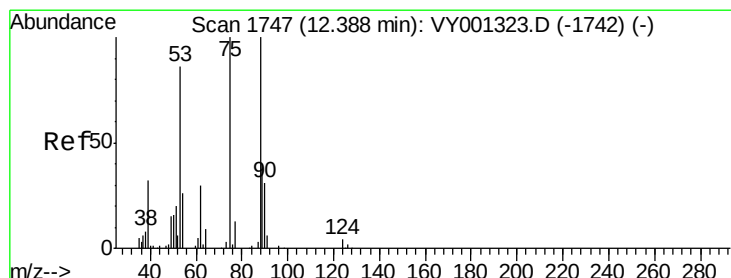
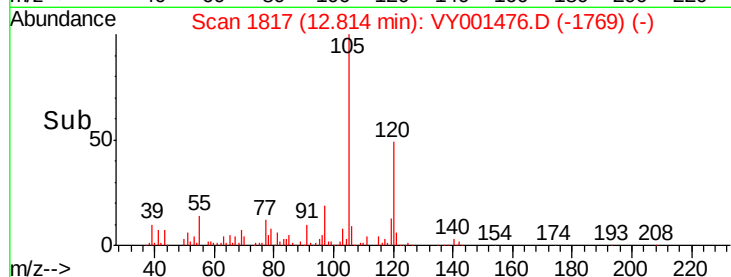
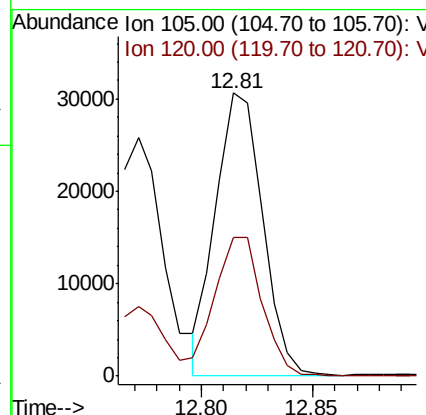
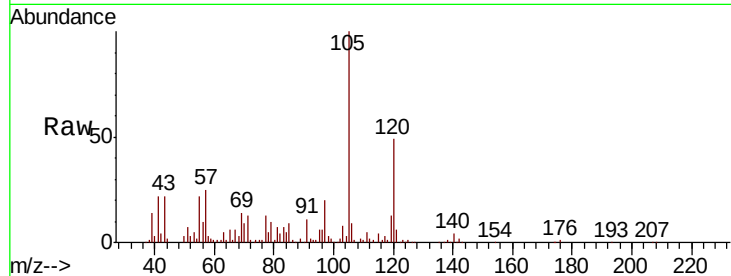




#80  
 1,3,5-Trimethylbenzene  
 Concen: 4.527 ug/l  
 RT: 12.81 min Scan# 1817  
 Delta R.T. -0.01 min  
 Lab File: VY001476.D  
 Acq: 03 Feb 2020 16:29

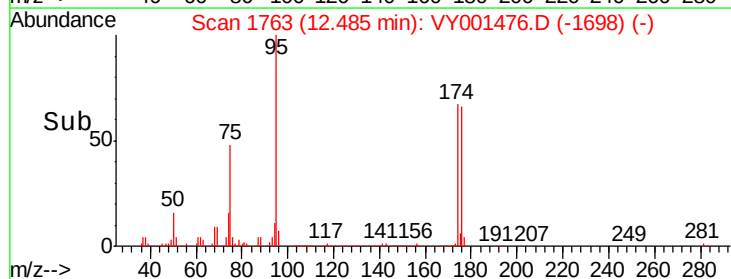
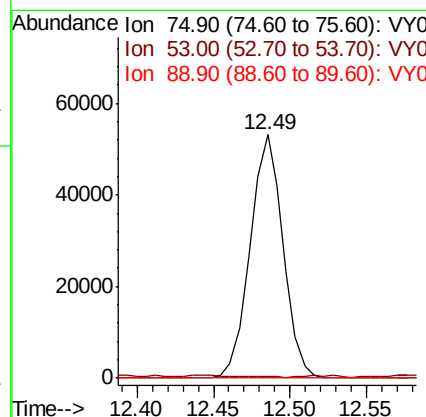
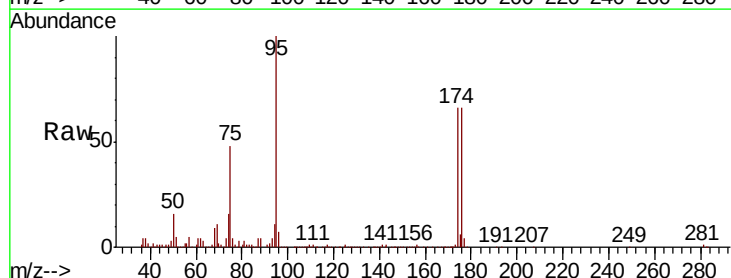
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-A

Tot Ion:105 Resp: 44706  
 Ion Ratio Lower Upper  
 105 100  
 120 50.6 24.3 72.9

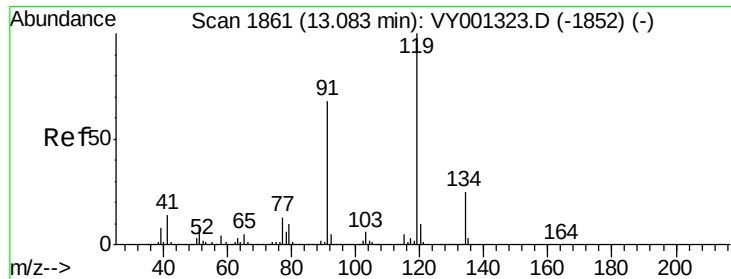


#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 82.967 ug/l  
 RT: 12.49 min Scan# 1763  
 Delta R.T. 0.10 min  
 Lab File: VY001476.D  
 Acq: 03 Feb 2020 16:29

Tgt Ion: 75 Resp: 79212  
 Ion Ratio Lower Upper  
 75 100  
 53 0.3 69.9 104.9#  
 89 0.1 36.6 54.8#



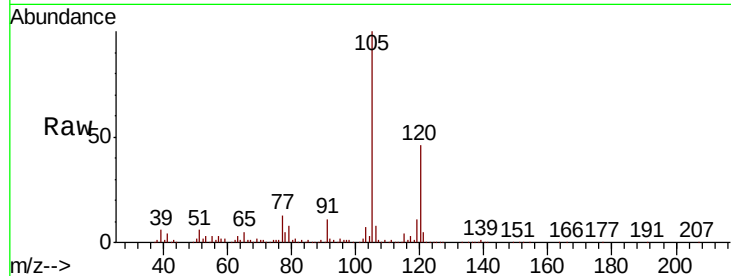




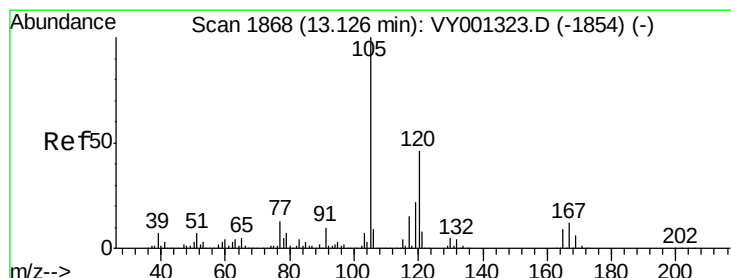
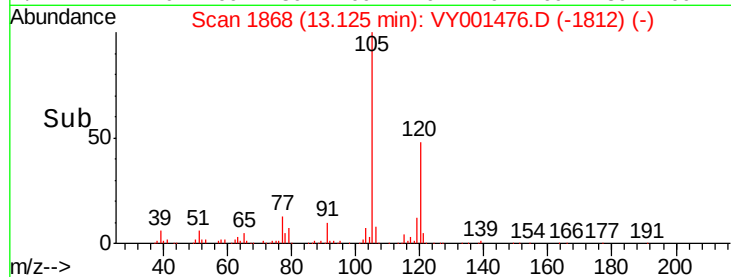
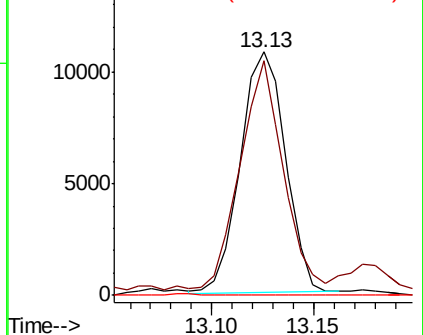
#83  
 tert-Butylbenzene  
 Concen: 2.001 ug/l  
 RT: 13.13 min Scan# 1868  
 Delta R.T. 0.04 min  
 Lab File: VY001476.D  
 Acq: 03 Feb 2020 16:29

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-A

Tot Ion:119 Resp: 16656  
 Ion Ratio Lower Upper  
 119 100  
 91 89.0 33.0 99.0  
 134 0.0 13.3 39.9#

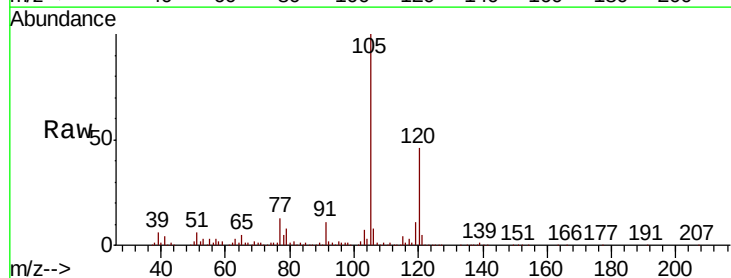


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): VY0  
 Ion 134.00 (133.70 to 134.70): V

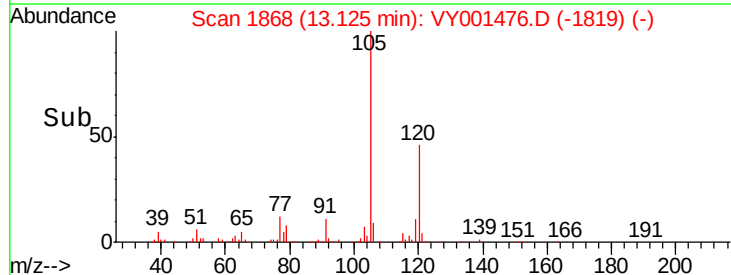
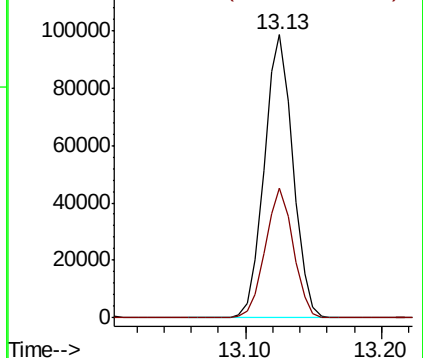


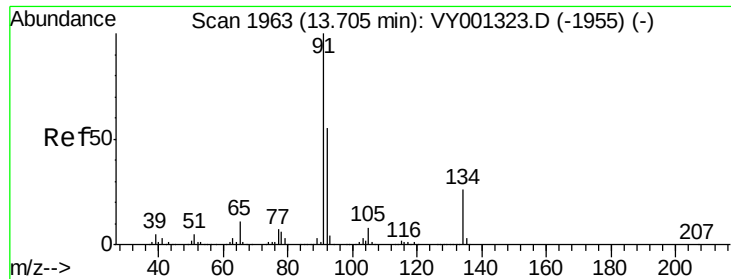
#84  
 1,2,4-Trimethylbenzene  
 Concen: 14.632 ug/l  
 RT: 13.13 min Scan# 1868  
 Delta R.T. -0.00 min  
 Lab File: VY001476.D  
 Acq: 03 Feb 2020 16:29

Tgt Ion:105 Resp: 145072  
 Ion Ratio Lower Upper  
 105 100  
 120 45.1 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 120.00 (119.70 to 120.70): V

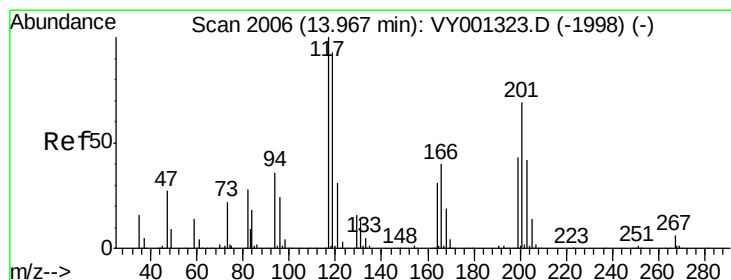
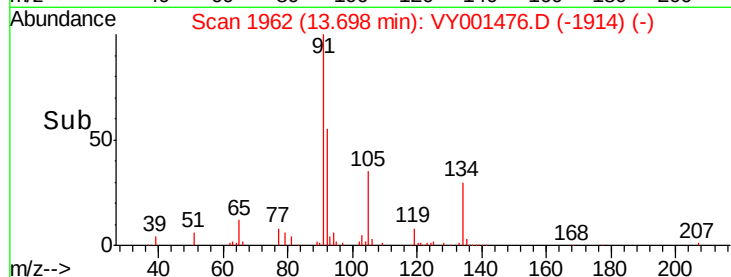
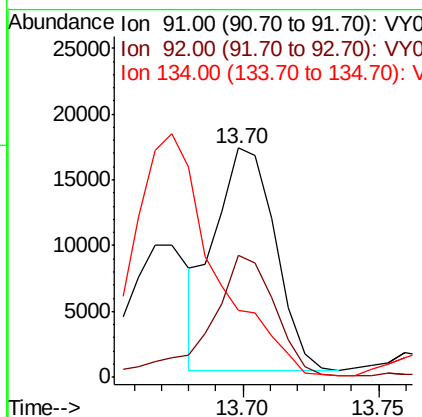
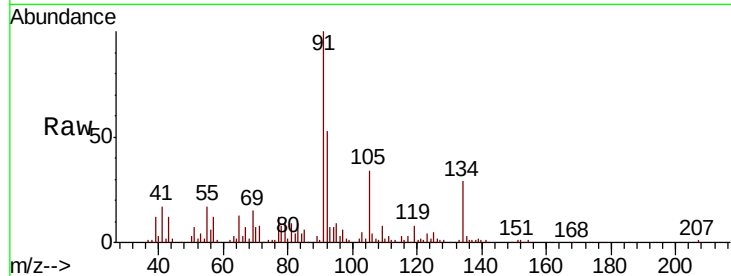




#89  
n-Butylbenzene  
Concen: 2.483 ug/l  
RT: 13.70 min Scan# 1962  
Delta R.T. -0.01 min  
Lab File: VY001476.D  
Acq: 03 Feb 2020 16:29

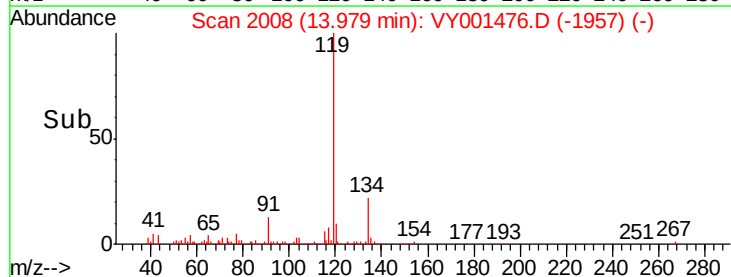
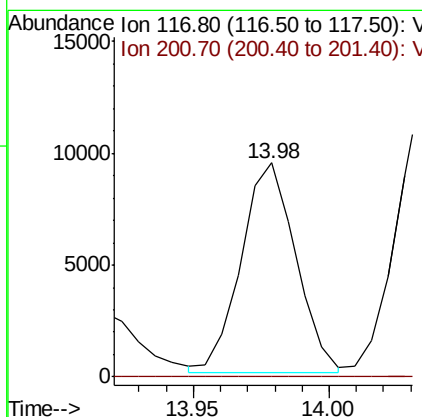
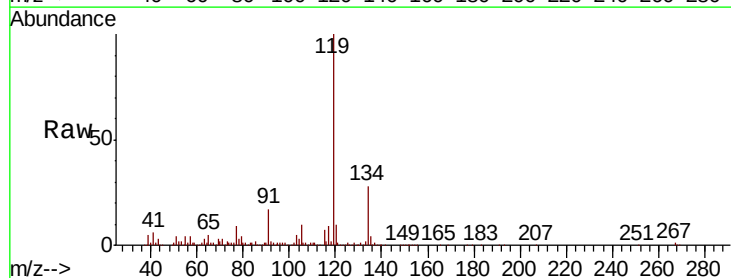
Instrument :  
MSVOA\_Y  
ClientSampled :  
TP-A

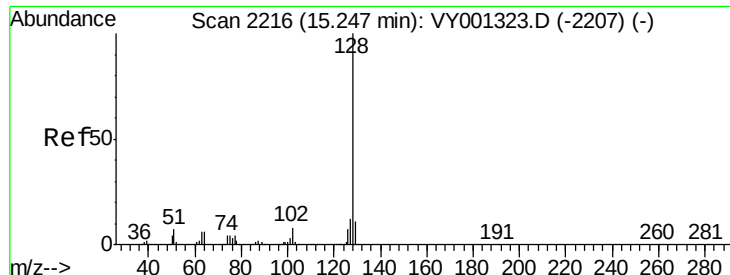
Tot Ion: 91 Resp: 26049  
Ion Ratio Lower Upper  
91 100  
92 58.3 27.6 82.8  
134 0.0 12.9 38.6#



#90  
Hexachloroethane  
Concen: 6.591 ug/l  
RT: 13.98 min Scan# 2008  
Delta R.T. 0.01 min  
Lab File: VY001476.D  
Acq: 03 Feb 2020 16:29

Tgt Ion: 117 Resp: 13022  
Ion Ratio Lower Upper  
117 100  
201 0.0 34.6 103.8#





#95

Naphthalene

Concen: 29.648 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001476.D

Acq: 03 Feb 2020 16:29

Instrument :

MSVOA\_Y

ClientSampleId :

TP-A

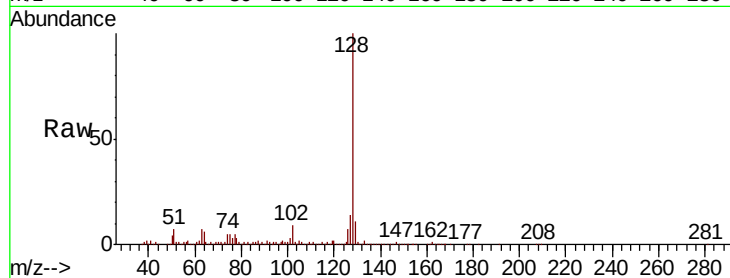
Tot Ion:128 Resp: 211777

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

