

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031920\  
 Data File : VY002019.D  
 Acq On : 19 Mar 2020 14:21  
 Operator : SY/MD  
 Sample : L1978-10  
 Misc : 5.12G/5ML/MSVOA Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-7A

Quant Time: Mar 20 07:58:11 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y030420S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 05 04:05:33 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.82  | 168  | 4798     | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 10022    | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 9737     | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.44 | 152  | 4197     | 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   | 3759     | 73.39 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 146.78% |          |
| 35) Dibromofluoromethane    | 7.74  | 113  | 3096     | 56.57 | ug/l    | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 113.14% |          |
| 50) Toluene-d8              | 10.19 | 98   | 12006    | 52.03 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.06% |          |
| 62) 4-Bromofluorobenzene    | 12.49 | 95   | 4332     | 53.99 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.98% |          |

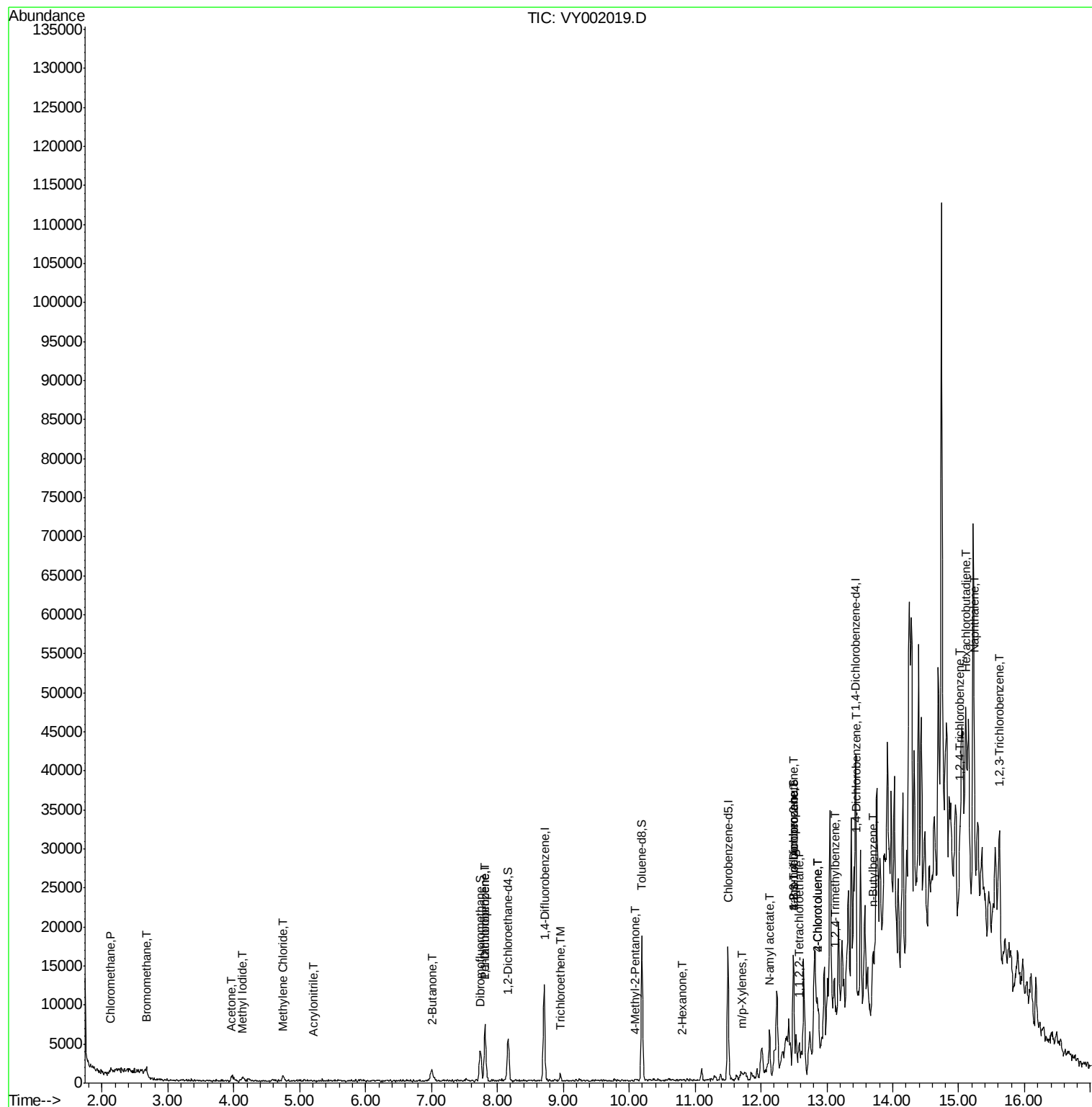
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 3) Chloromethane               | 2.13  | 50   | 178      | 2.981  | ug/l # | 42     |
| 5) Bromomethane                | 2.68  | 94   | 275      | 2.151  | ug/l # | 60     |
| 10) Methyl Iodide              | 4.13  | 142  | 457      | 7.459  | ug/l # | 83     |
| 15) Acrylonitrile              | 5.20  | 53   | 27       | 1.556  | ug/l # | 18     |
| 16) Acetone                    | 3.96  | 43   | 541      | 36.263 | ug/l # | 42     |
| 20) Methylene Chloride         | 4.75  | 84   | 433      | 6.772  | ug/l # | 43     |
| 25) 2-Butanone                 | 7.02  | 43   | 463      | 20.408 | ug/l # | 49     |
| 36) 1,1-Dichloropropene        | 7.81  | 75   | 464      | 4.811  | ug/l # | 42     |
| 44) Trichloroethene            | 8.96  | 130  | 364      | 5.229  | ug/l   | 75     |
| 51) 4-Methyl-2-Pentanone       | 10.09 | 43   | 184      | 3.366  | ug/l # | 35     |
| 59) 2-Hexanone                 | 10.80 | 43   | 49       | 1.256  | ug/l # | 23     |
| 68) m/p-Xylenes                | 11.72 | 106  | 240      | 1.794  | ug/l   | 82     |
| 74) N-amyl acetate             | 12.13 | 43   | 1915     | 19.448 | ug/l # | 52     |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 407      | 5.891  | ug/l # | 75     |
| 76) 1,2,3-Trichloropropane     | 12.49 | 75   | 2208     | 44.337 | ug/l # | 100    |
| 79) 2-Chlorotoluene            | 12.86 | 91   | 350      | 1.603  | ug/l   | 83     |
| 81) trans-1,4-Dichloro-2-buten | 12.49 | 75   | 2208     | 89.559 | ug/l # | 18     |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 350      | 1.539  | ug/l   | 82     |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 283      | 1.081  | ug/l # | 31     |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 226      | 1.675  | ug/l # | 1      |
| 89) n-Butylbenzene             | 13.70 | 91   | 800      | 2.768  | ug/l # | 49     |
| 93) 1,2,4-Trichlorobenzene     | 15.02 | 180  | 410      | 5.232  | ug/l # | 11     |
| 94) Hexachlorobutadiene        | 15.12 | 225  | 72       | 1.884  | ug/l # | 19     |
| 95) Naphthalene                | 15.24 | 128  | 825      | 4.438  | ug/l # | 16     |
| 96) 1,2,3-Trichlorobenzene     | 15.62 | 180  | 183      | 2.651  | ug/l   | 82     |

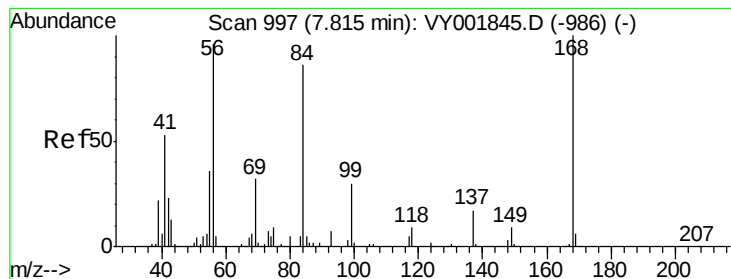
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031920\  
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Sample : L1978-10  
Misc : 5.12G/5ML/MSVOA Y/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
TP-7A

Quant Time: Mar 20 07:58:11 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y030420S.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 05 04:05:33 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002019.D

Acq: 19 Mar 2020 14:21

Instrument :

MSVOA\_Y

ClientSampleId :

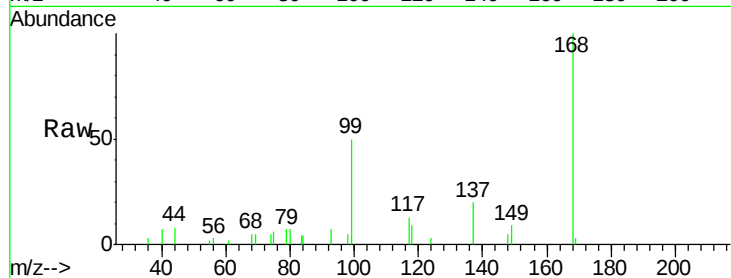
TP-7A

Tot Ion:168 Resp: 4798

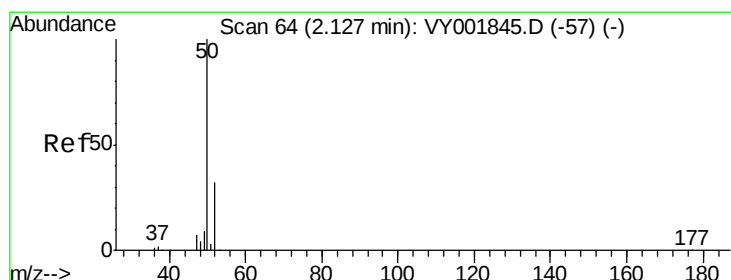
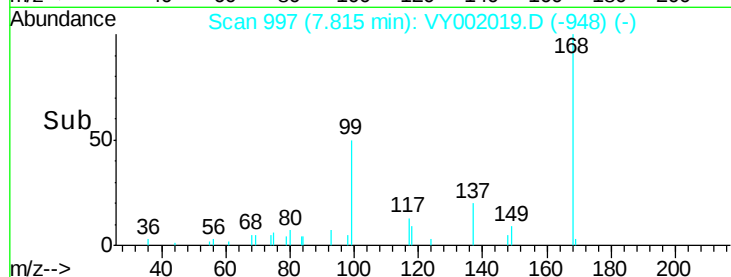
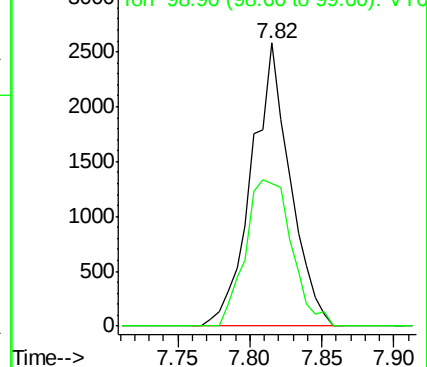
Ion Ratio Lower Upper

168 100

99 50.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#3

Chloromethane

Concen: 2.981 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY002019.D

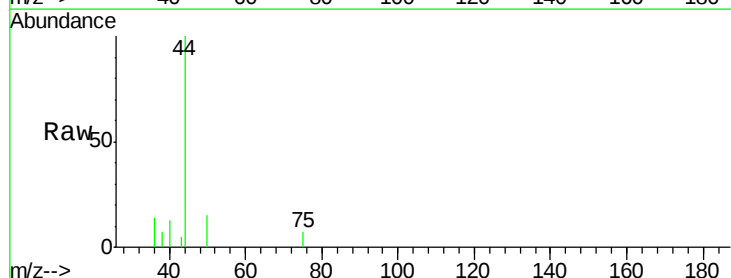
Acq: 19 Mar 2020 14:21

Tgt Ion: 50 Resp: 178

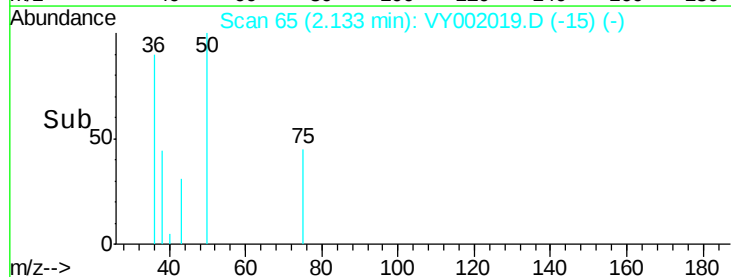
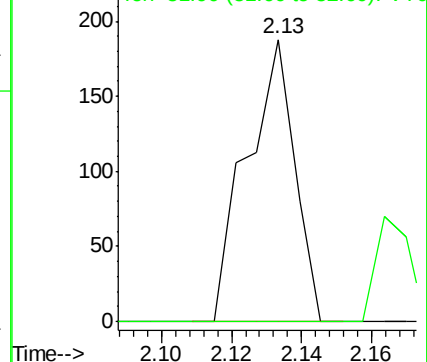
Ion Ratio Lower Upper

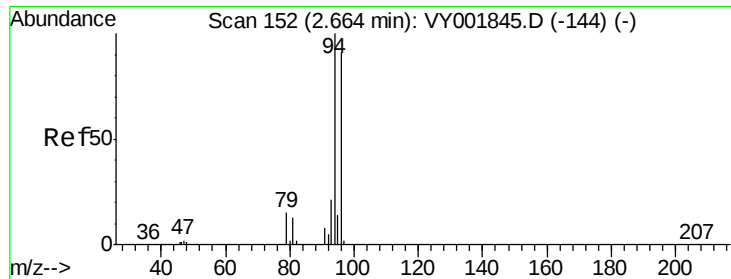
50 100

52 0.0 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VY001845.D (-57) (-)





#5

Bromomethane

Concen: 2.151 ug/l

RT: 2.68 min Scan# 154

Delta R.T. 0.01 min

Lab File: VY002019.D

Acq: 19 Mar 2020 14:21

Instrument :

MSVOA\_Y

ClientSampleId :

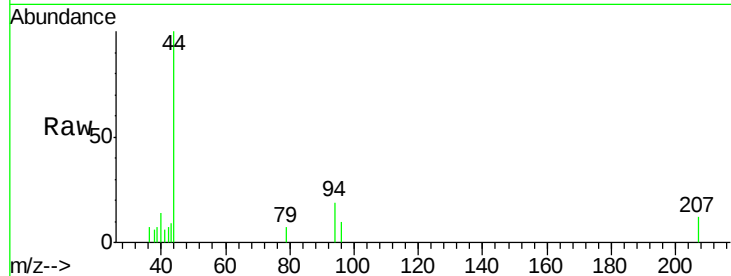
TP-7A

Tot Ion: 94 Resp: 275

Ion Ratio Lower Upper

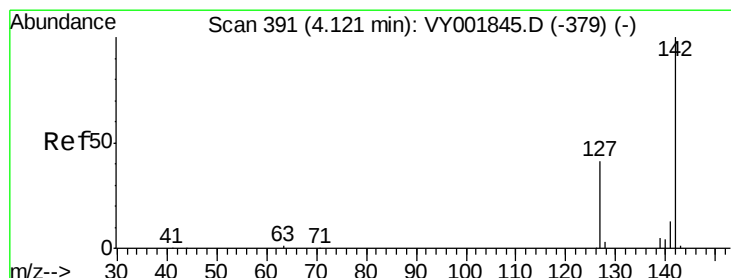
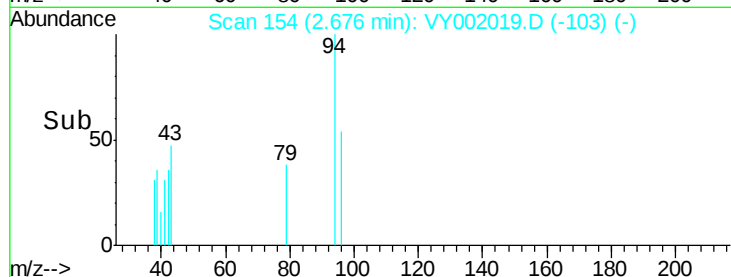
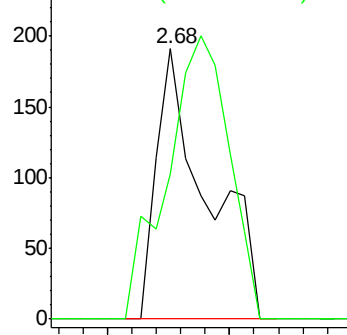
94 100

96 53.9 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#10

Methyl Iodide

Concen: 7.459 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY002019.D

Acq: 19 Mar 2020 14:21

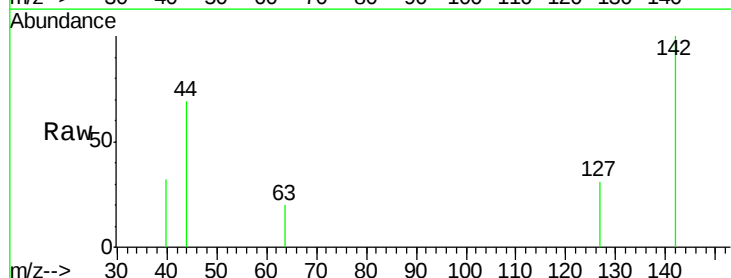
Tgt Ion: 142 Resp: 457

Ion Ratio Lower Upper

142 100

127 34.1 32.7 49.1

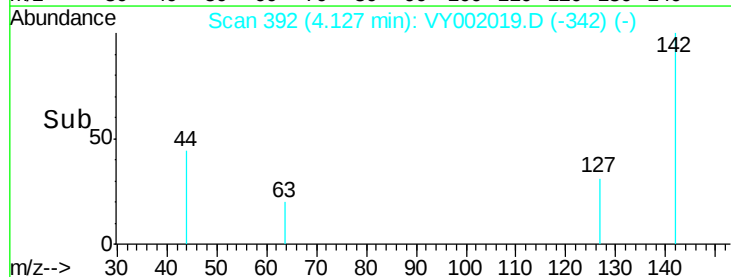
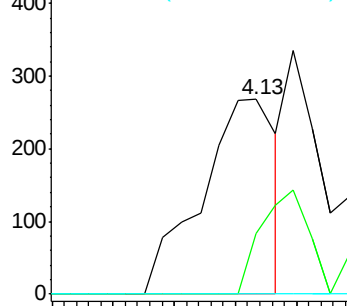
141 0.0 11.0 16.6#

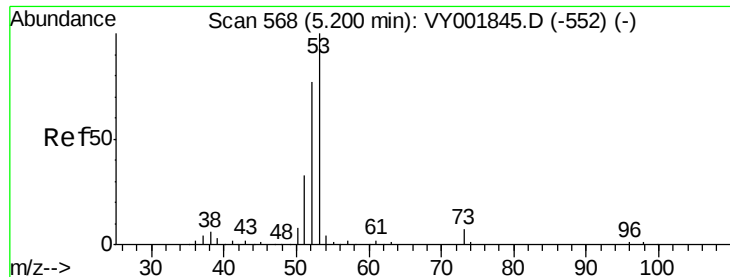


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#15

Acrylonitrile

Concen: 1.556 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY002019.D

Acq: 19 Mar 2020 14:21

Instrument :

MSVOA\_Y

ClientSampleId :

TP-7A

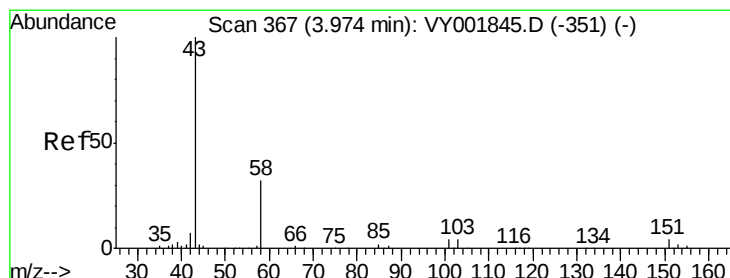
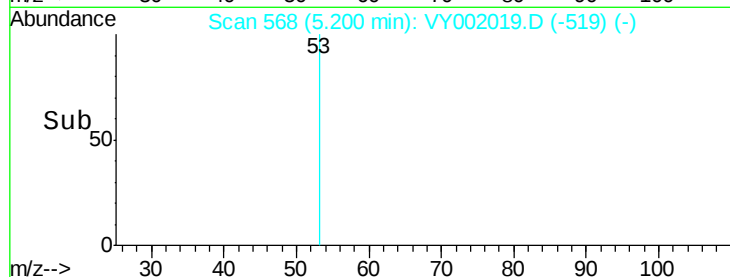
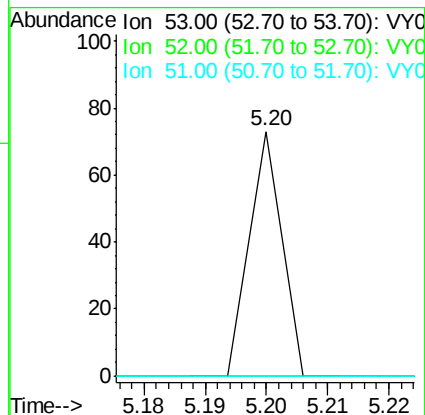
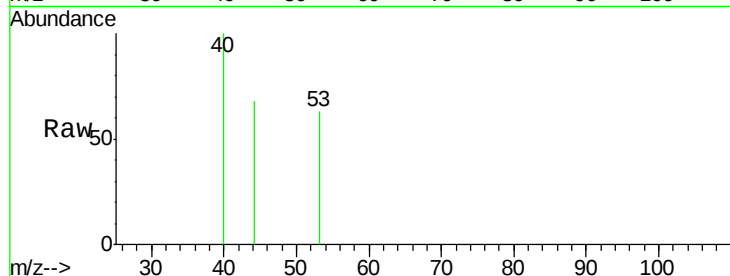
Tot Ion: 53 Resp: 27

Ion Ratio Lower Upper

53 100

52 0.0 65.1 97.7#

51 0.0 27.5 41.3#



#16

Acetone

Concen: 36.263 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002019.D

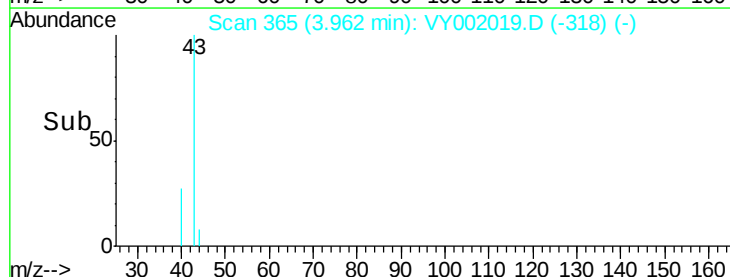
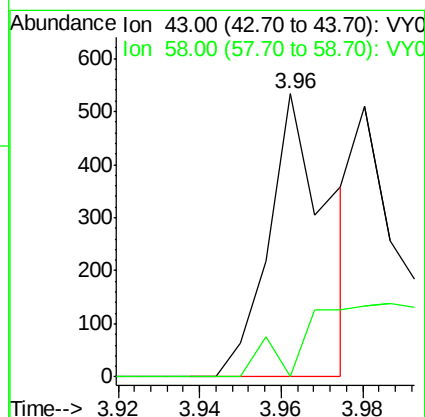
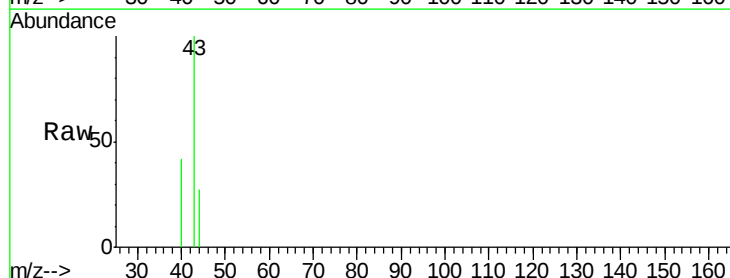
Acq: 19 Mar 2020 14:21

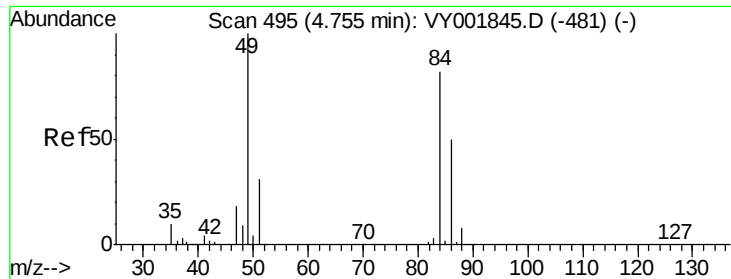
Tgt Ion: 43 Resp: 541

Ion Ratio Lower Upper

43 100

58 0.0 25.9 38.9#

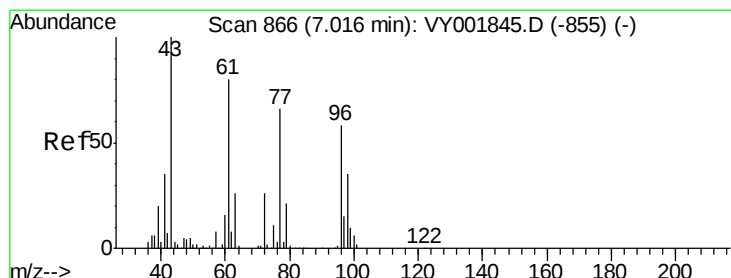
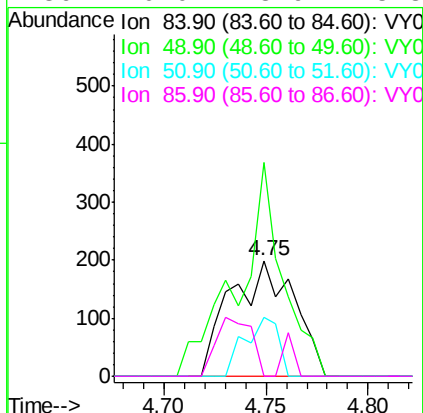
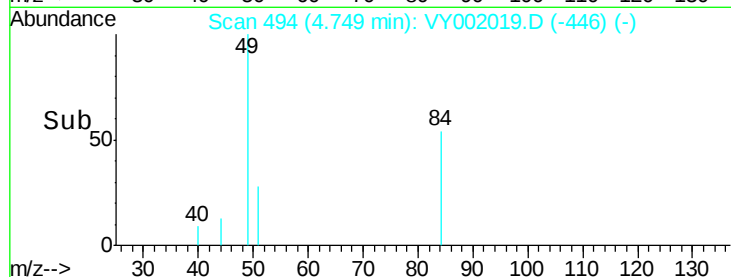
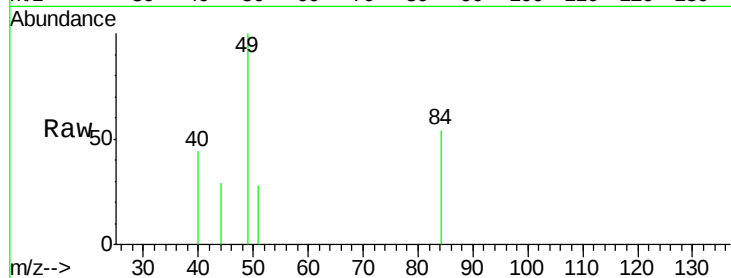




#20  
Methvlene Chloride  
Concen: 6.772 ug/l  
RT: 4.75 min Scan# 494  
Delta R.T. -0.01 min  
Lab File: VY002019.D  
Acq: 19 Mar 2020 14:21

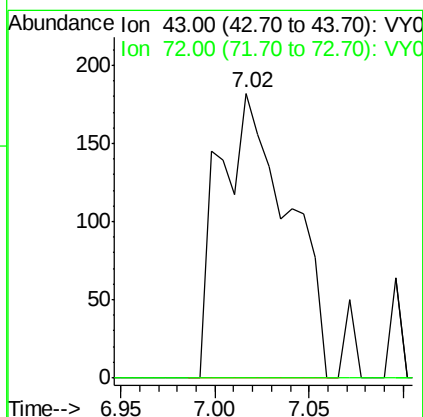
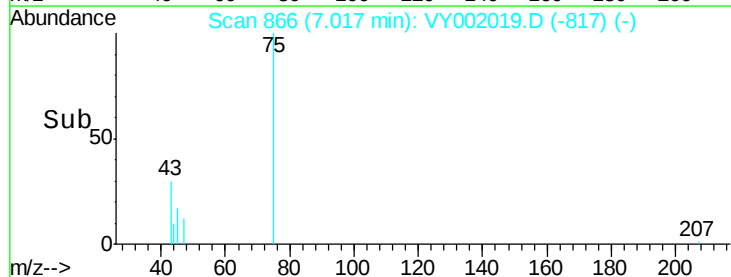
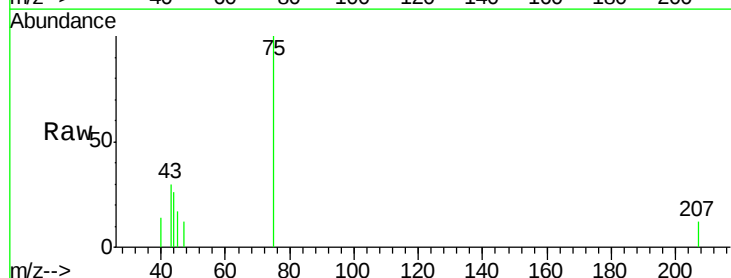
Instrument :  
MSVOA\_Y  
ClientSampled :  
TP-7A

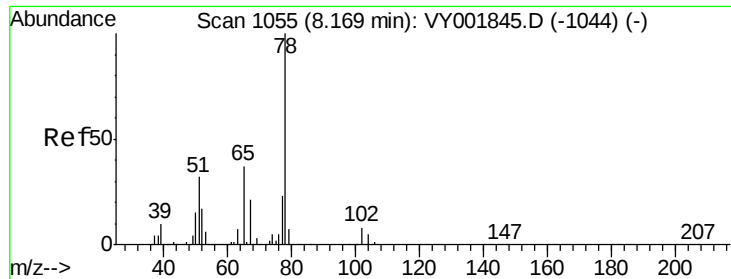
Tot Ion: 84 Resp: 433  
Ion Ratio Lower Upper  
84 100  
49 184.9 98.2 147.2#  
51 51.3 30.2 45.2#  
86 0.0 48.9 73.3#



#25  
2-Butanone  
Concen: 20.408 ug/l  
RT: 7.02 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: VY002019.D  
Acq: 19 Mar 2020 14:21

Tgt Ion: 43 Resp: 463  
Ion Ratio Lower Upper  
43 100  
72 0.0 20.9 31.3#





#33

1,2-Dichloroethane-d4

Concen: 73.387 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002019.D

Acq: 19 Mar 2020 14:21

Instrument :

MSVOA\_Y

ClientSampleId :

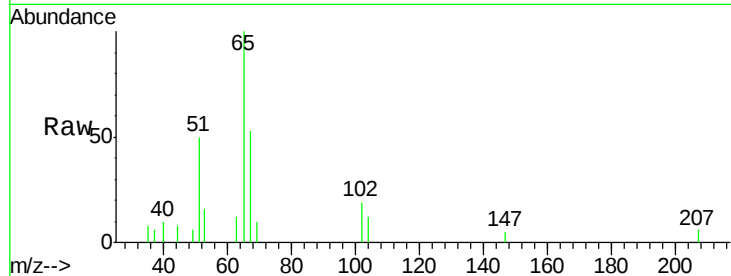
TP-7A

Tot Ion: 65 Resp: 3759

Ion Ratio Lower Upper

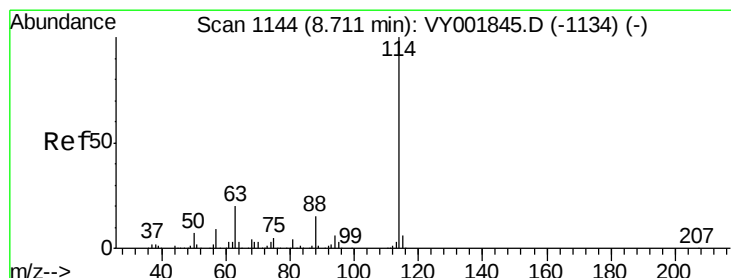
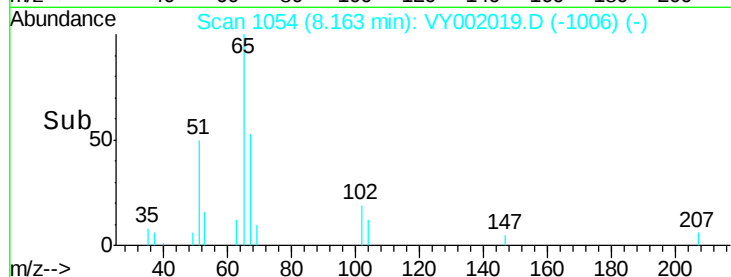
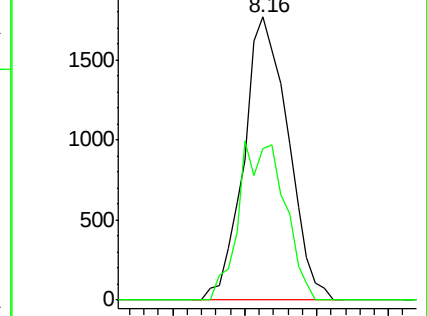
65 100

67 58.2 0.0 110.8



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: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002019.D

Acq: 19 Mar 2020 14:21

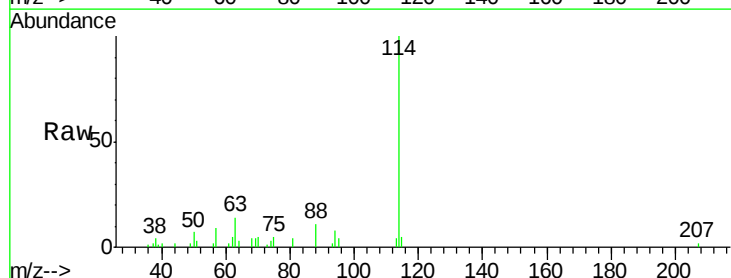
Tgt Ion: 114 Resp: 10022

Ion Ratio Lower Upper

114 100

63 14.1 0.0 39.4

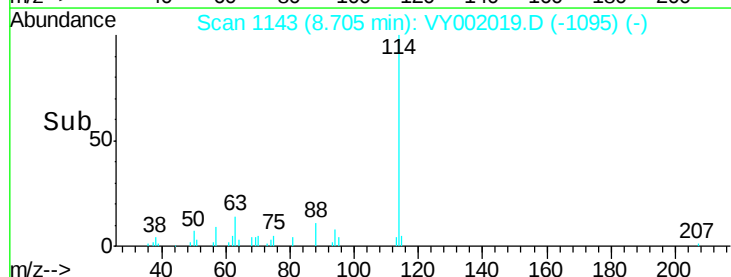
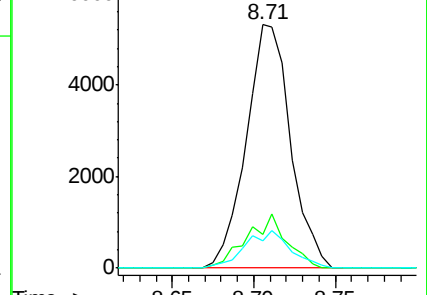
88 11.3 0.0 30.4

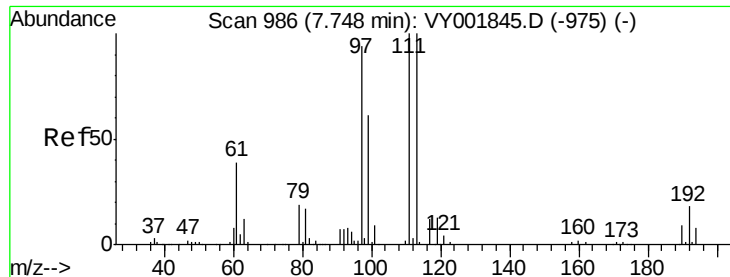


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

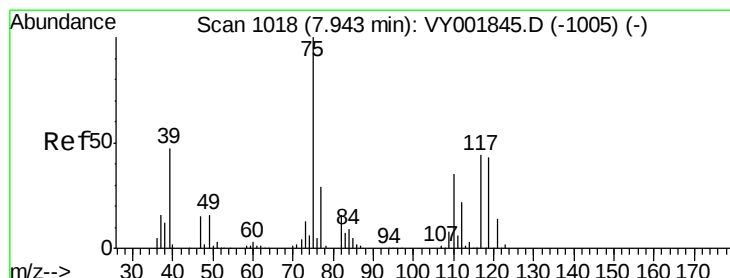
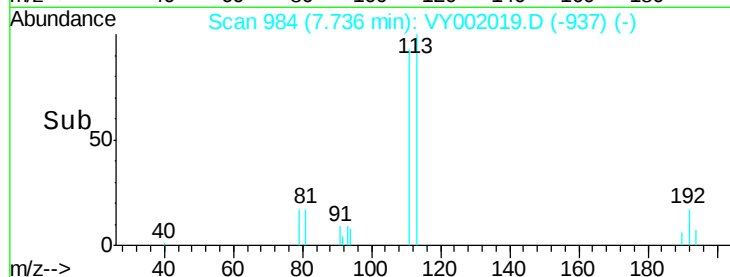
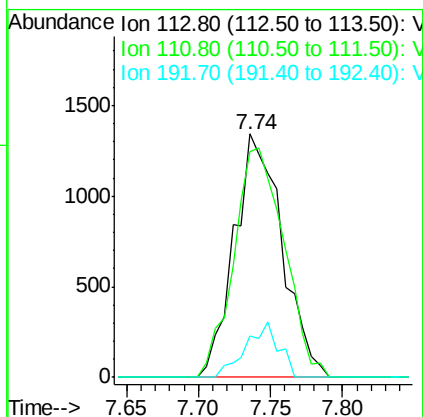
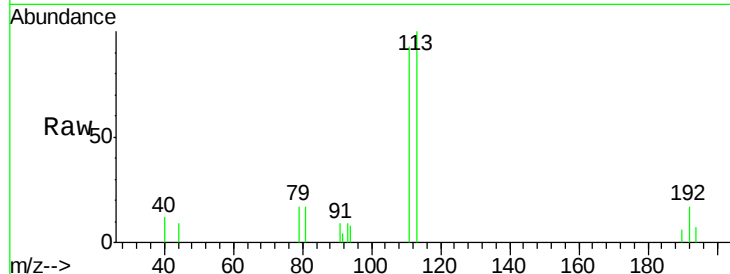




#35  
 Dibromofluoromethane  
 Concen: 56.574 ug/l  
 RT: 7.74 min Scan# 984  
 Delta R.T. -0.01 min  
 Lab File: VY002019.D  
 Acq: 19 Mar 2020 14:21

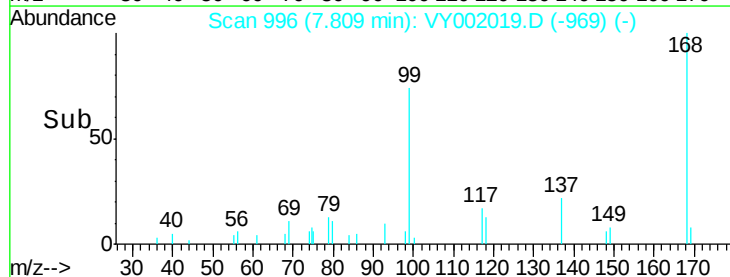
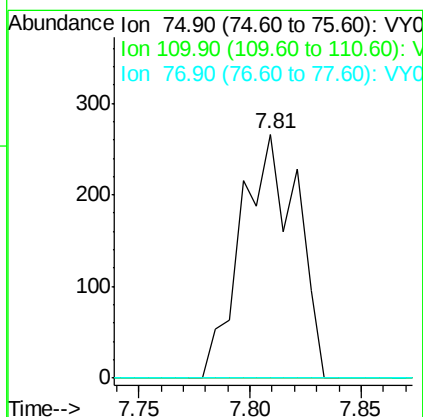
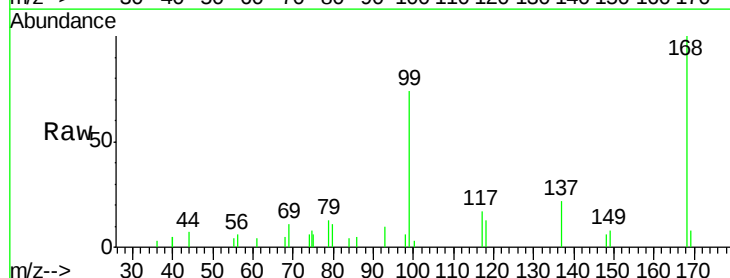
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-7A

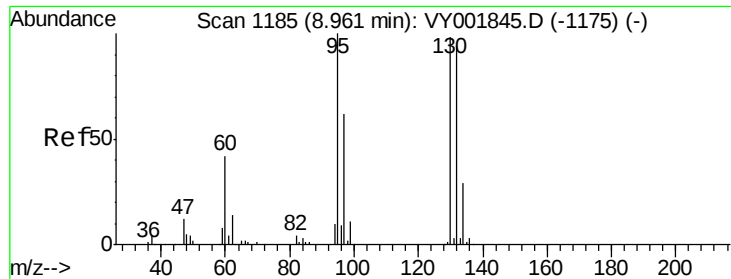
Tot Ion:113 Resp: 3096  
 Ion Ratio Lower Upper  
 113 100  
 111 99.3 81.8 122.8  
 192 15.4 14.2 21.2



#36  
 1,1-Dichloropropene  
 Concen: 4.811 ug/l  
 RT: 7.81 min Scan# 996  
 Delta R.T. -0.13 min  
 Lab File: VY002019.D  
 Acq: 19 Mar 2020 14:21

Tgt Ion: 75 Resp: 464  
 Ion Ratio Lower Upper  
 75 100  
 110 0.0 17.4 52.2#  
 77 0.0 24.2 36.2#

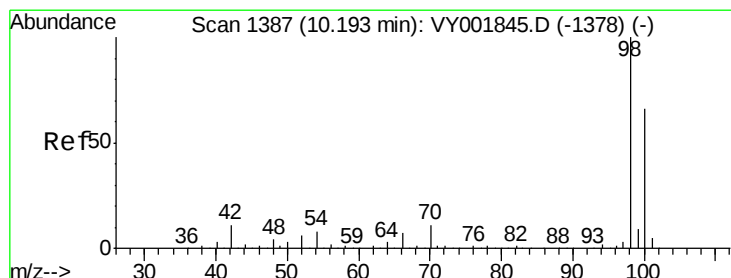
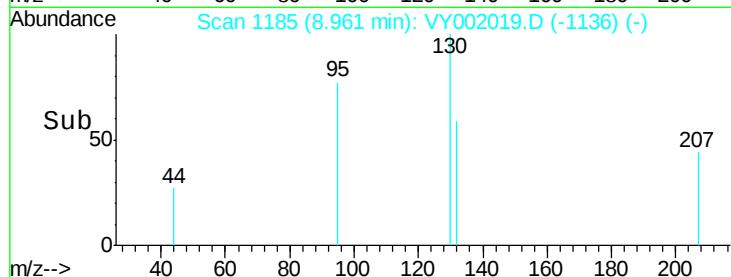
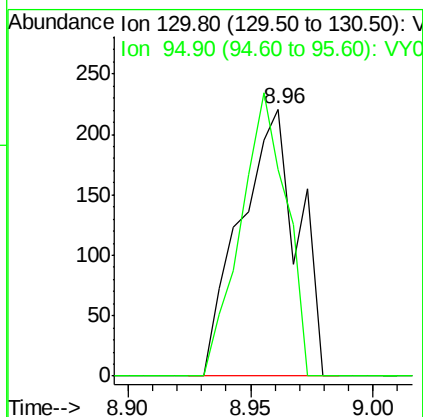
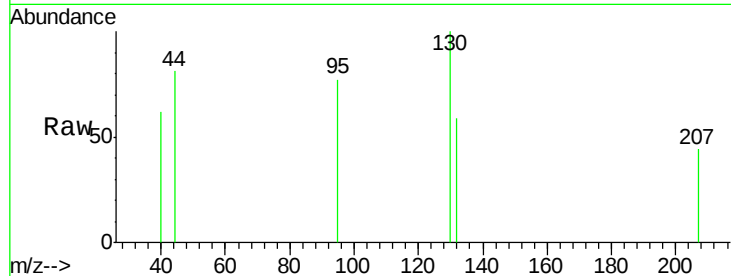




#44  
 Trichloroethene  
 Concen: 5.229 ug/l  
 RT: 8.96 min Scan# 1185  
 Delta R.T. 0.00 min  
 Lab File: VY002019.D  
 Acq: 19 Mar 2020 14:21

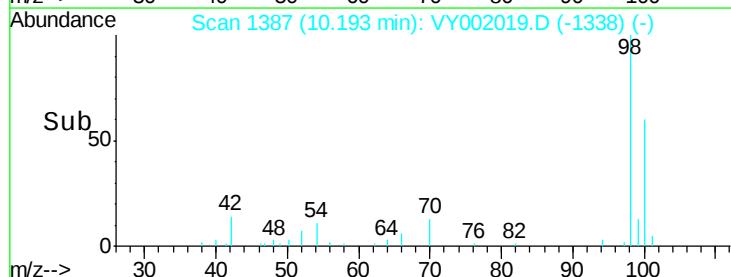
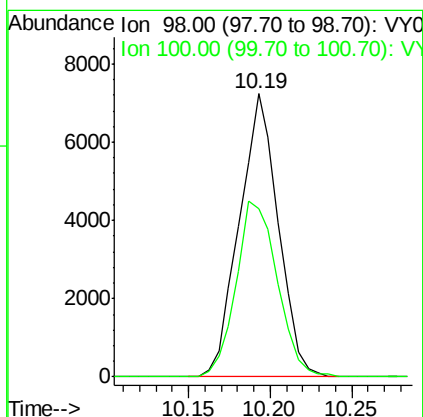
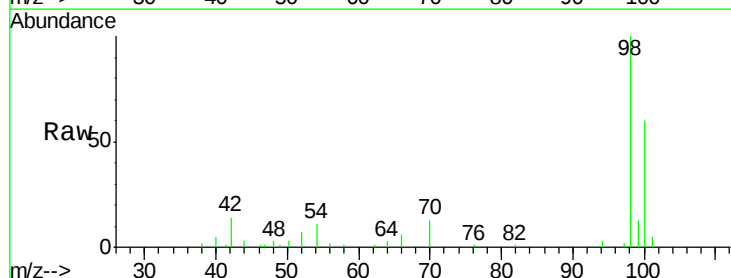
Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 TP-7A

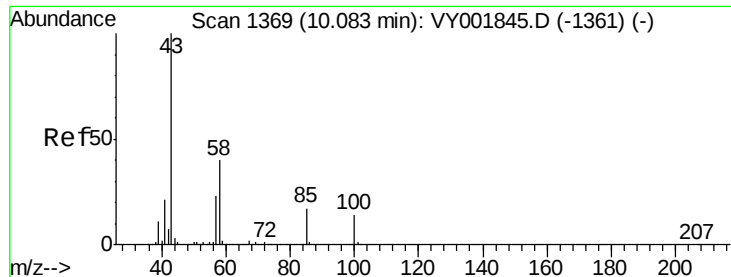
Tot Ion:130 Resp: 364  
 Ion Ratio Lower Upper  
 130 100  
 95 77.4 0.0 204.6



#50  
 Toluene-d8  
 Concen: 52.027 ug/l  
 RT: 10.19 min Scan# 1387  
 Delta R.T. 0.00 min  
 Lab File: VY002019.D  
 Acq: 19 Mar 2020 14:21

Tgt Ion: 98 Resp: 12006  
 Ion Ratio Lower Upper  
 98 100  
 100 65.7 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 3.366 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY002019.D

Acq: 19 Mar 2020 14:21

Instrument :

MSVOA\_Y

ClientSampled :

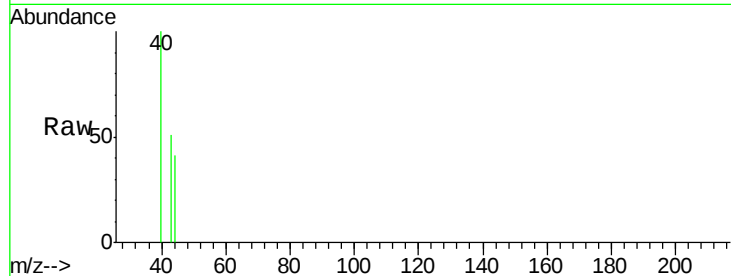
TP-7A

Tot Ion: 43 Resp: 184

Ion Ratio Lower Upper

43 100

58 0.0 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

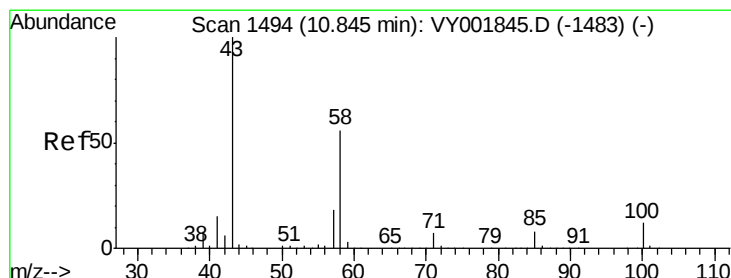
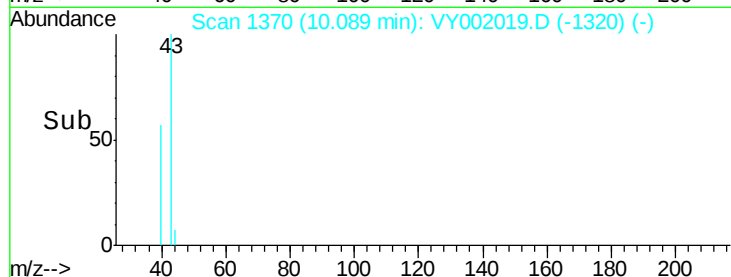
10.09

100

50

0

Time--> 10.05 10.10



#59

2-Hexanone

Concen: 1.256 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.04 min

Lab File: VY002019.D

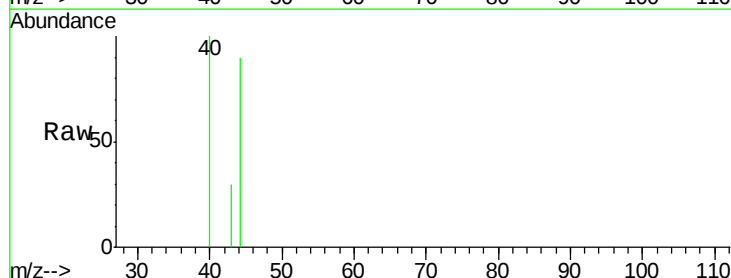
Acq: 19 Mar 2020 14:21

Tgt Ion: 43 Resp: 49

Ion Ratio Lower Upper

43 100

58 0.0 28.1 84.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.80

80

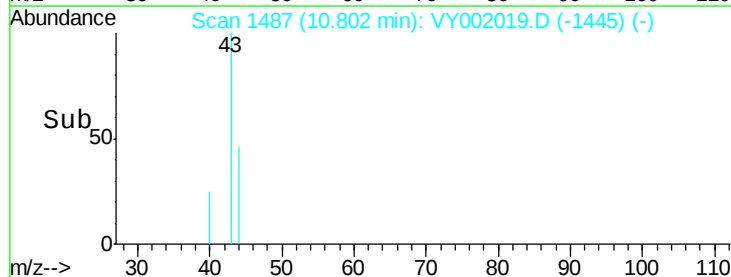
60

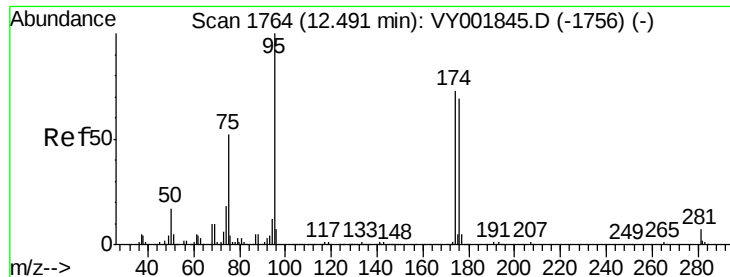
40

20

0

Time--> 10.78 10.82





#62

4-Bromofluorobenzene

Concen: 53.988 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002019.D

Acq: 19 Mar 2020 14:21

Instrument :

MSVOA\_Y

ClientSampleId :

TP-7A

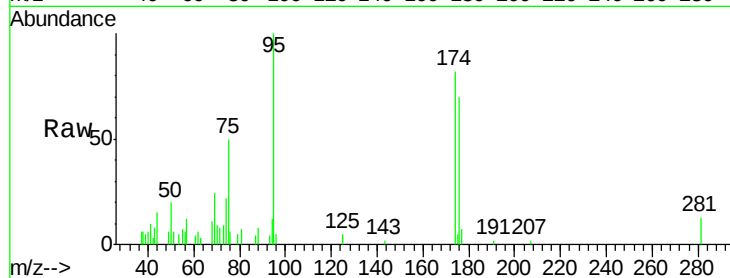
Tot Ion: 95 Resp: 4332

Ion Ratio Lower Upper

95 100

174 71.7 0.0 145.0

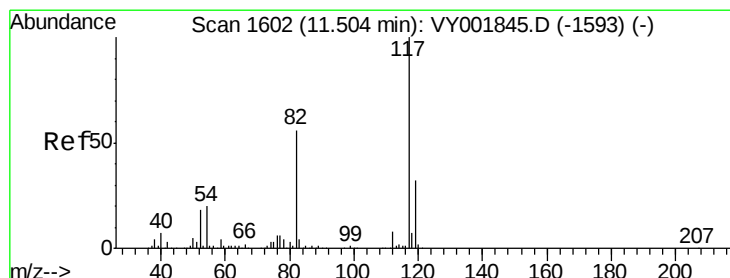
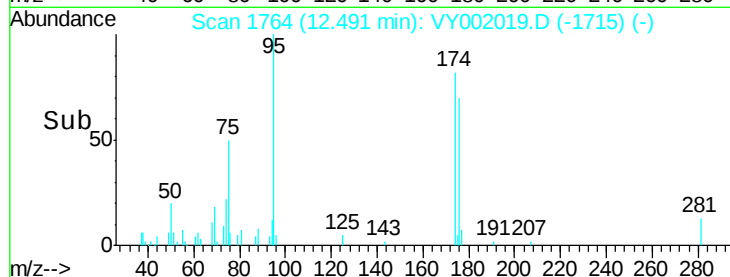
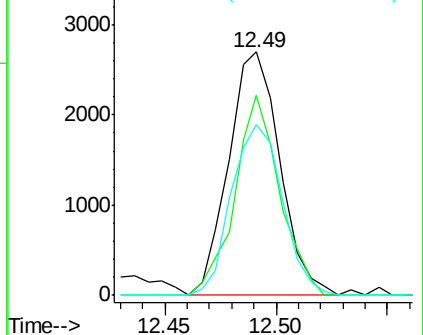
176 69.9 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.00 min

Lab File: VY002019.D

Acq: 19 Mar 2020 14:21

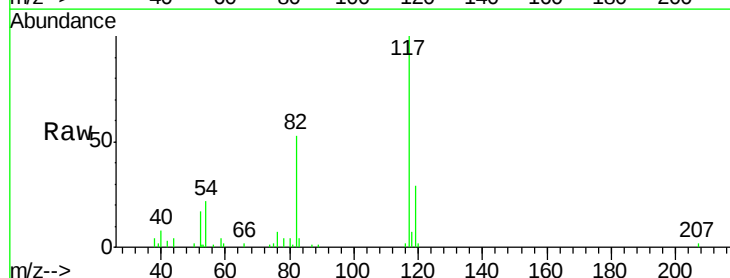
Tgt Ion: 117 Resp: 9737

Ion Ratio Lower Upper

117 100

82 52.7 44.5 66.7

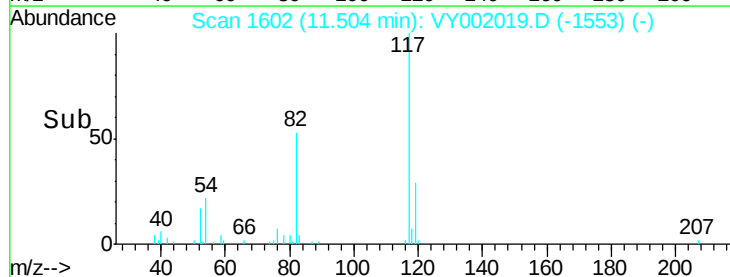
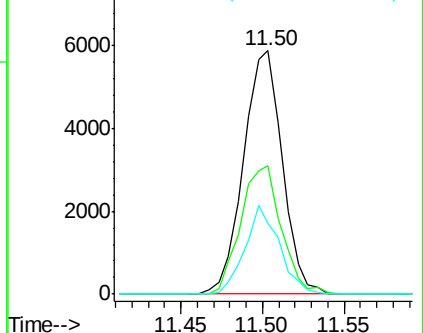
119 29.3 25.7 38.5

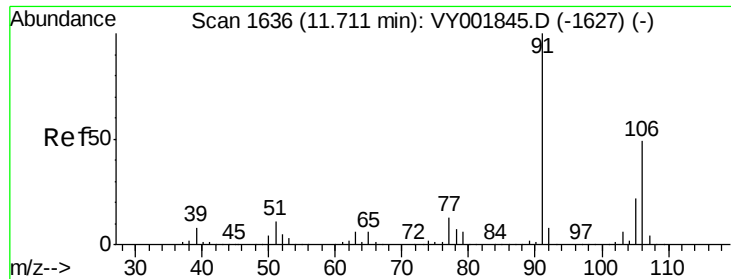


Abundance Ion 116.90 (116.60 to 117.60): VY0

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): VY0

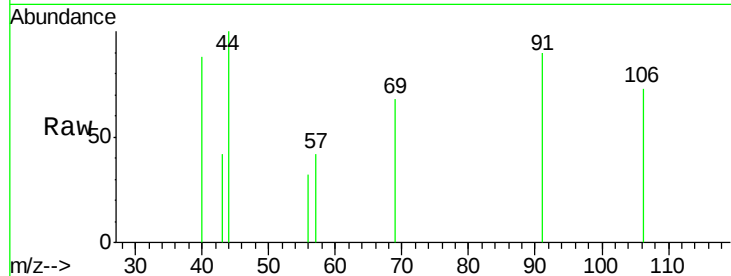




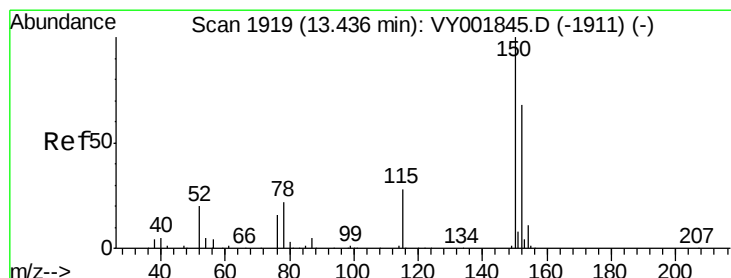
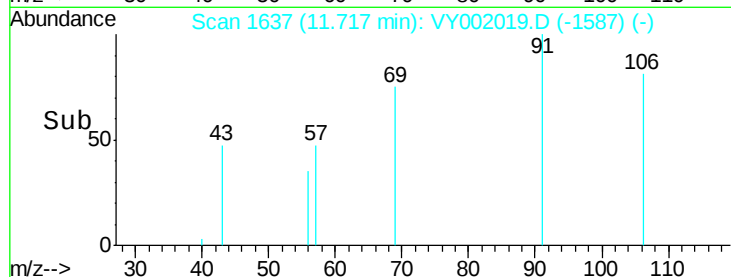
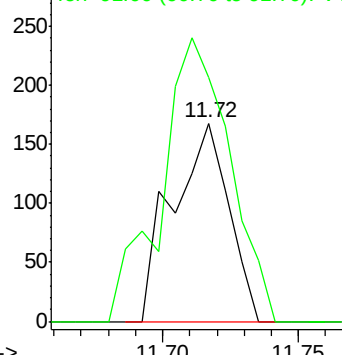
#68  
m/p-Xvlenes  
Concen: 1.794 ug/l  
RT: 11.72 min Scan# 1637  
Delta R.T. 0.01 min  
Lab File: VY002019.D  
Acq: 19 Mar 2020 14:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-7A

Tot Ion:106 Resp: 240  
Ion Ratio Lower Upper  
106 100  
91 174.6 161.3 241.9

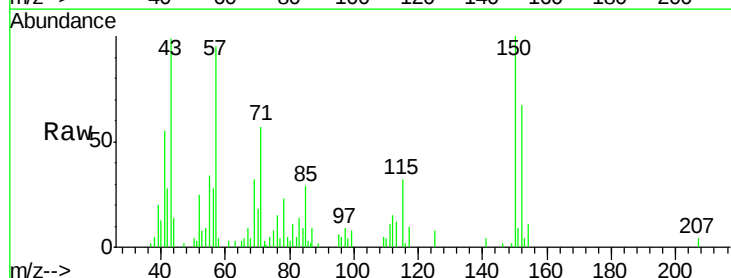


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VY0

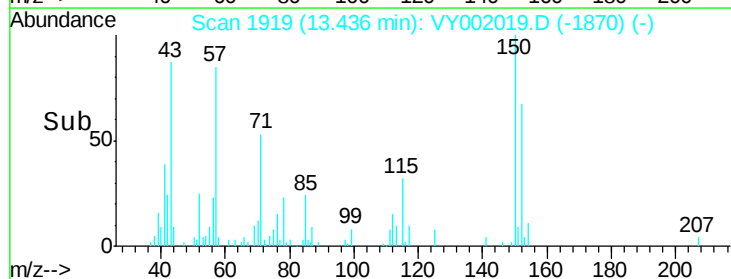
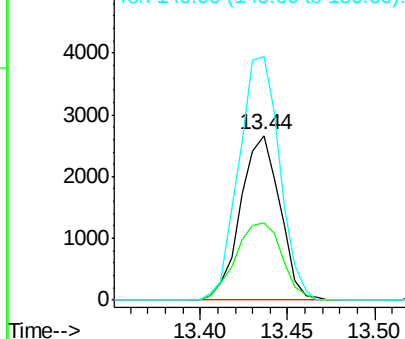


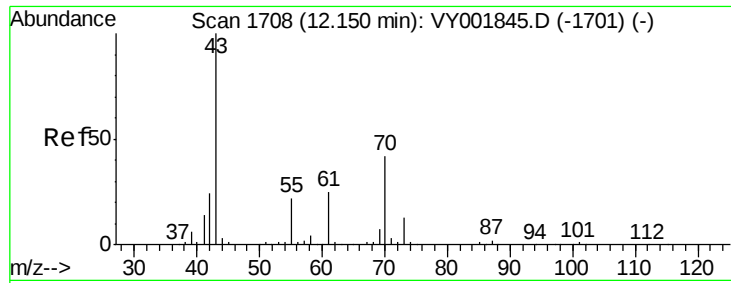
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.44 min Scan# 1919  
Delta R.T. 0.00 min  
Lab File: VY002019.D  
Acq: 19 Mar 2020 14:21

Tgt Ion:152 Resp: 4197  
Ion Ratio Lower Upper  
152 100  
115 55.2 29.9 89.7  
150 153.2 0.0 340.6



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 19.448 ug/l

RT: 12.13 min Scan# 1705

Delta R.T. -0.02 min

Lab File: VY002019.D

Acq: 19 Mar 2020 14:21

Instrument :

MSVOA\_Y

ClientSampled :

TP-7A

Tot Ion: 43 Resp: 1915

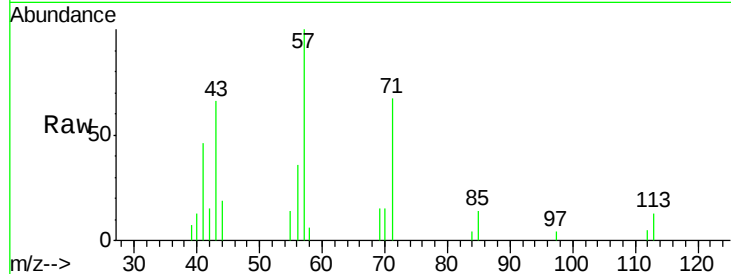
Ion Ratio Lower Upper

43 100

70 13.0 34.7 52.1#

55 0.0 18.2 27.4#

61 0.0 20.1 30.1#

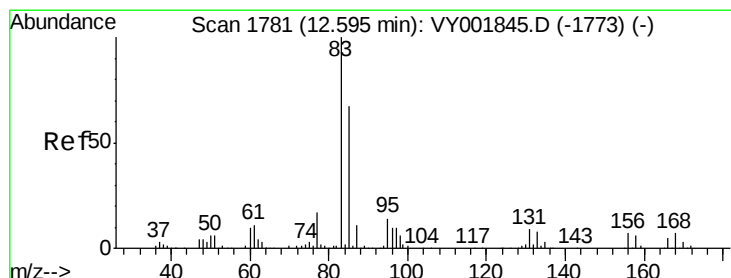
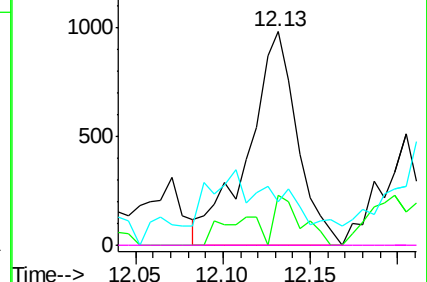
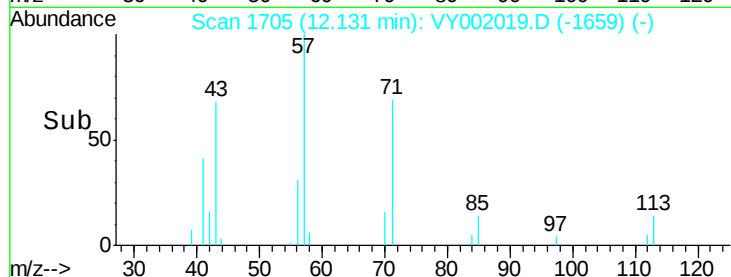


Abundance Ion 43.00 (42.70 to 43.70): VY0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 5.891 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002019.D

Acq: 19 Mar 2020 14:21

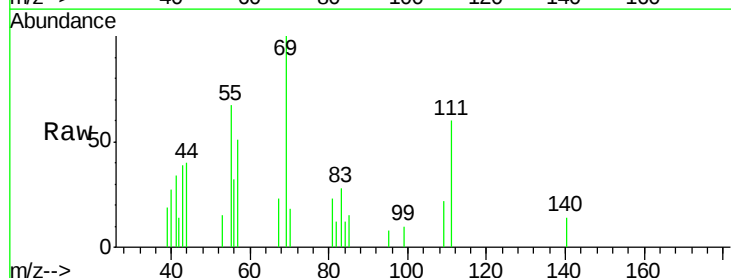
Tgt Ion: 83 Resp: 407

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

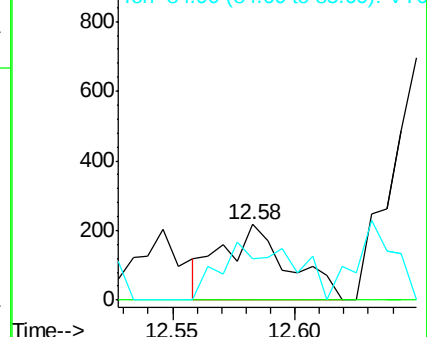
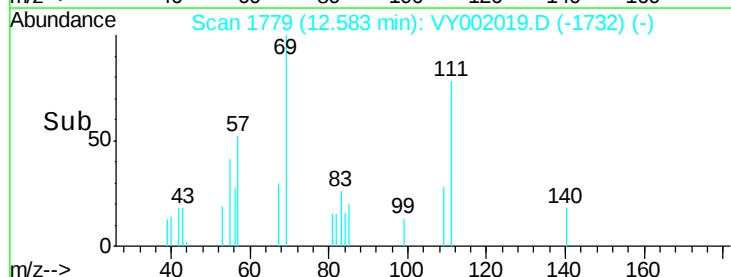
85 84.0 32.1 96.3

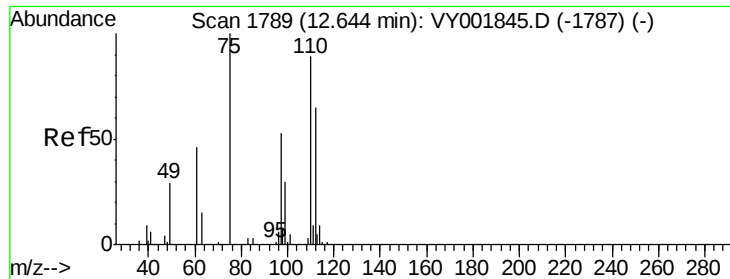


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0





#76

1,2,3-Trichloropropane

Concen: 44.337 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002019.D

Acq: 19 Mar 2020 14:21

Instrument :

MSVOA\_Y

ClientSampleId :

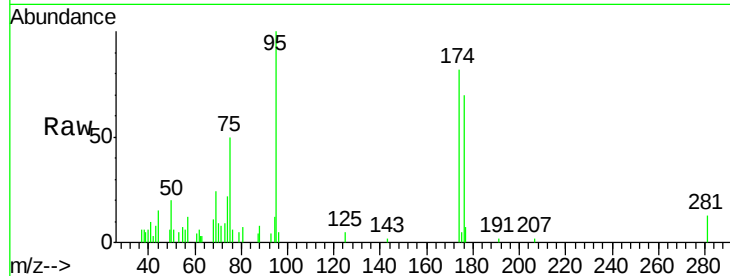
TP-7A

Tot Ion: 75 Resp: 2208

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

12.49

1500

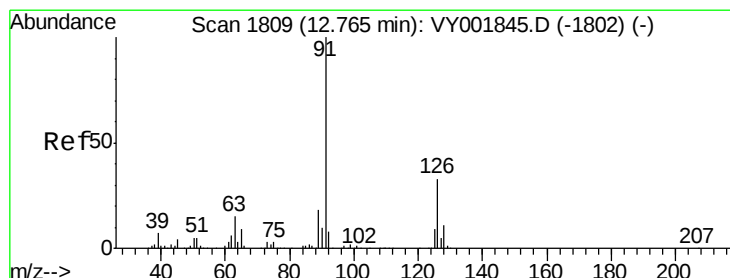
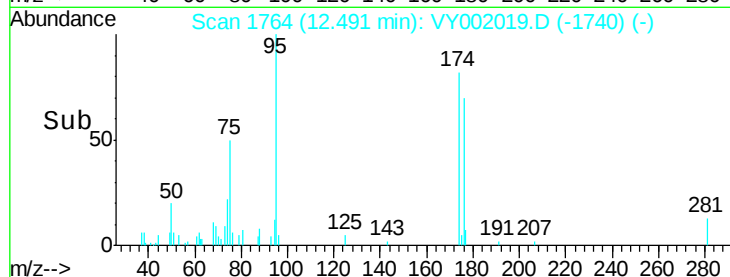
1000

500

0

12.45 12.50 12.55

Time-->



#79

2-Chlorotoluene

Concen: 1.603 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.10 min

Lab File: VY002019.D

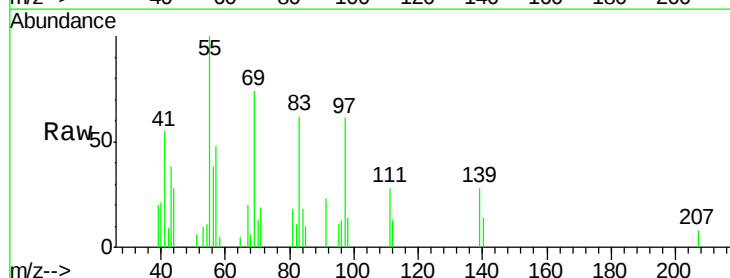
Acq: 19 Mar 2020 14:21

Tgt Ion: 91 Resp: 350

Ion Ratio Lower Upper

91 100

126 22.9 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

12.86

300

250

200

150

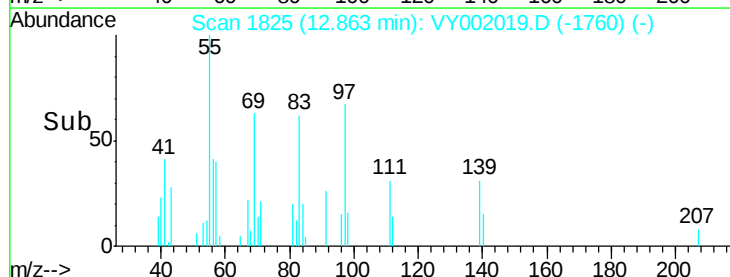
100

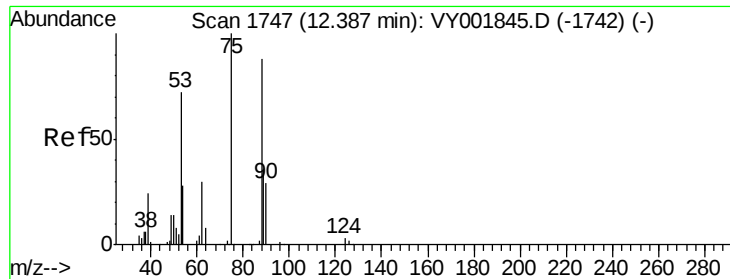
50

0

12.85 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 89.559 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002019.D

Acq: 19 Mar 2020 14:21

Instrument :

MSVOA\_Y

ClientSampleId :

TP-7A

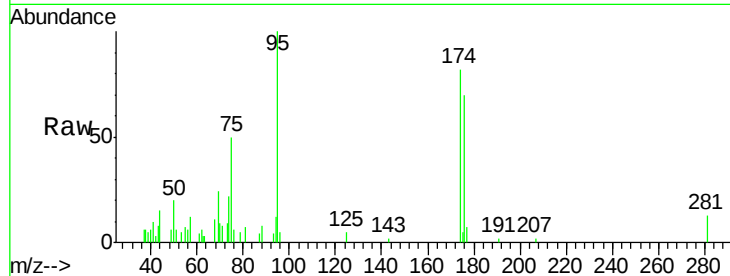
Tot Ion: 75 Resp: 2208

Ion Ratio Lower Upper

75 100

53 2.0 65.4 98.0#

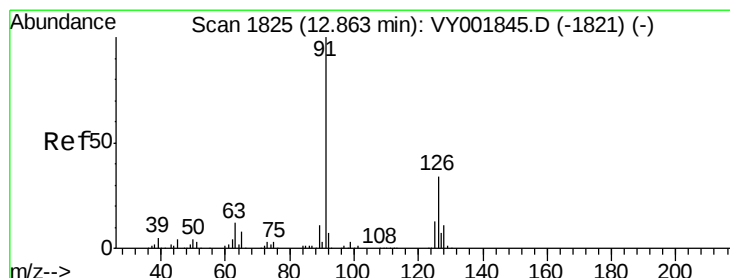
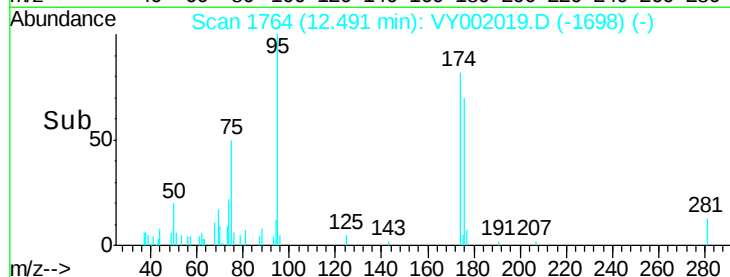
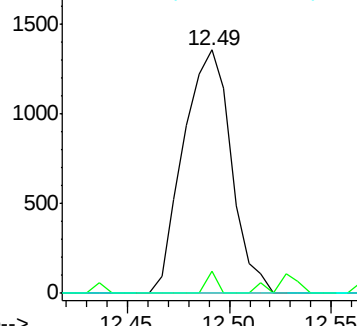
89 0.0 36.0 54.0#



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: 1.539 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002019.D

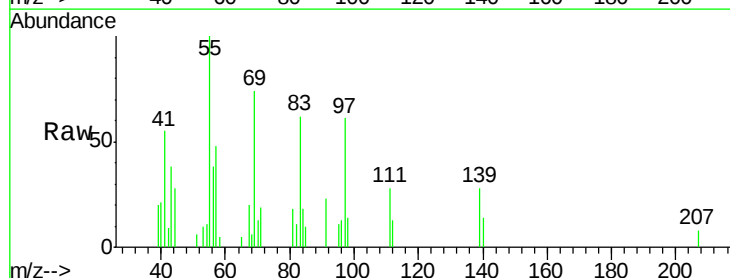
Acq: 19 Mar 2020 14:21

Tgt Ion: 91 Resp: 350

Ion Ratio Lower Upper

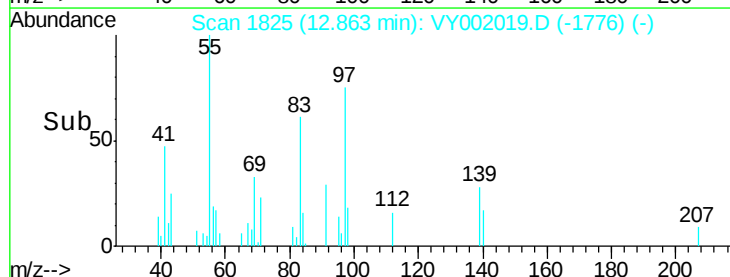
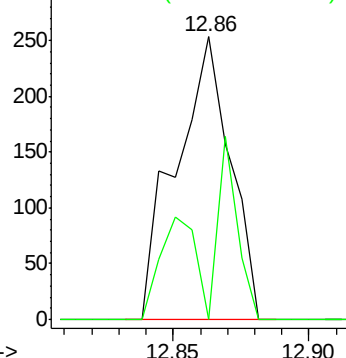
91 100

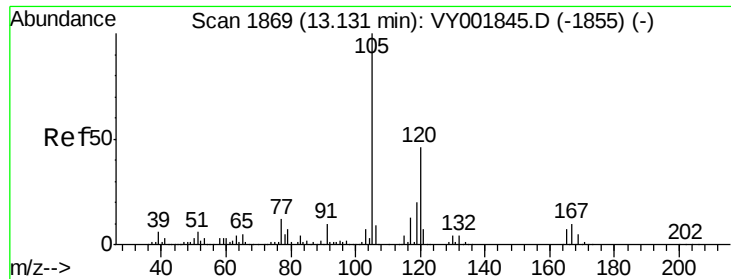
126 22.9 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

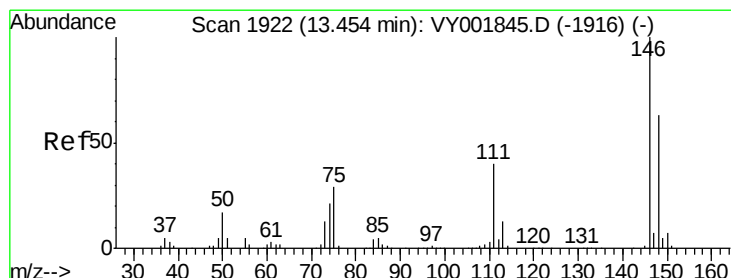
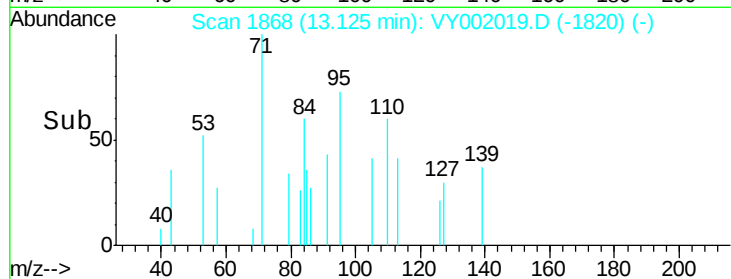
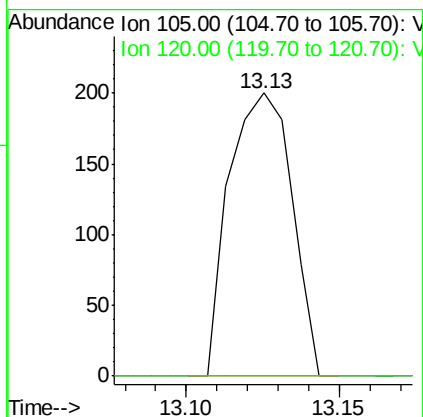
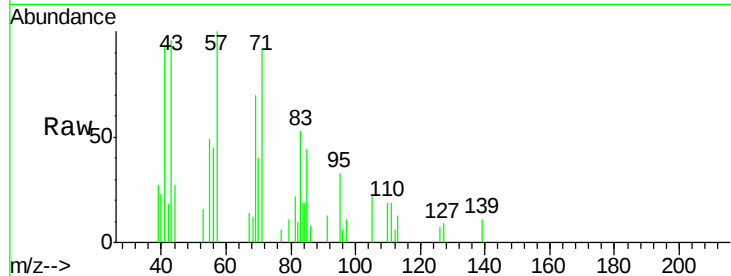




#84  
 1,2,4-Trimethylbenzene  
 Concen: 1.081 ug/l  
 RT: 13.13 min Scan# 1868  
 Delta R.T. -0.01 min  
 Lab File: VY002019.D  
 Acq: 19 Mar 2020 14:21

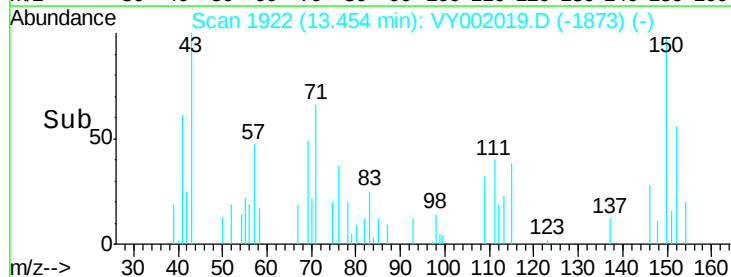
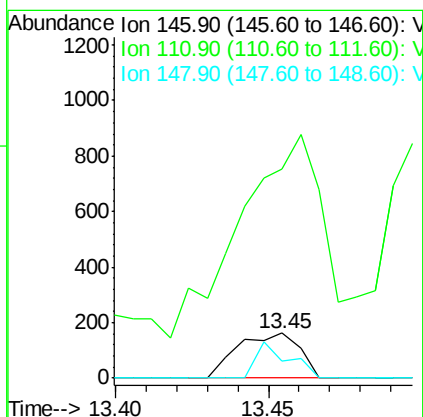
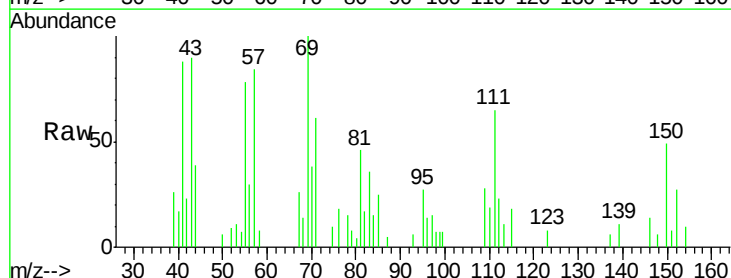
Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 TP-7A

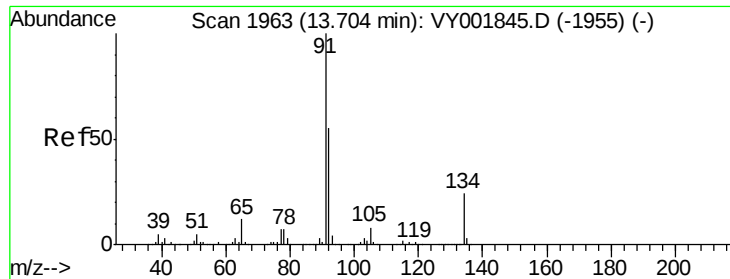
Tot Ion:105 Resp: 283  
 Ion Ratio Lower Upper  
 105 100  
 120 0.0 22.6 67.7#



#88  
 1,4-Dichlorobenzene  
 Concen: 1.675 ug/l  
 RT: 13.45 min Scan# 1922  
 Delta R.T. 0.00 min  
 Lab File: VY002019.D  
 Acq: 19 Mar 2020 14:21

Tgt Ion:146 Resp: 226  
 Ion Ratio Lower Upper  
 146 100  
 111 623.0 20.0 60.0#  
 148 42.9 31.5 94.5

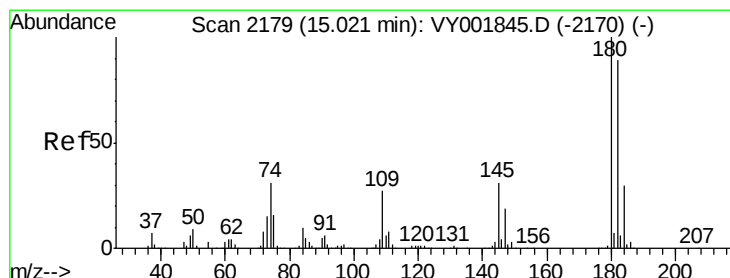
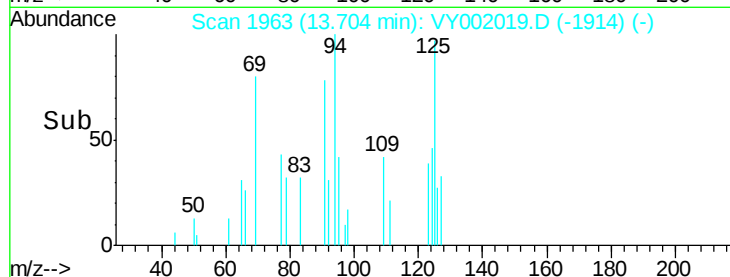
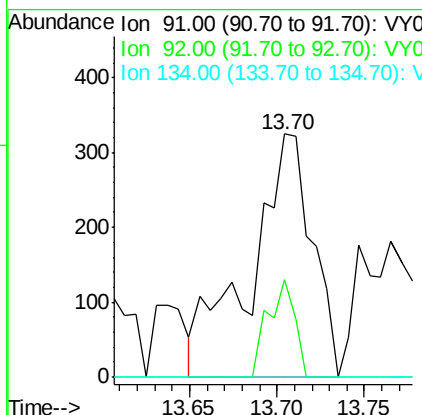
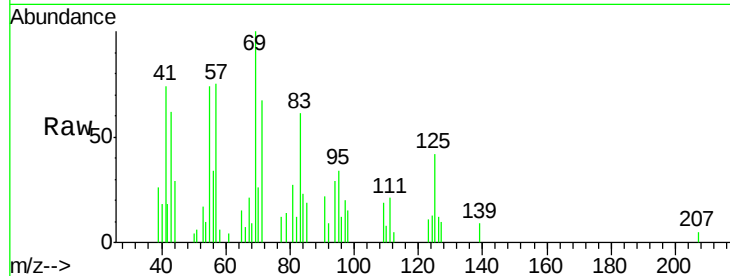




#89  
n-Butylbenzene  
Concen: 2.768 ug/l  
RT: 13.70 min Scan# 1963  
Delta R.T. 0.00 min  
Lab File: VY002019.D  
Acq: 19 Mar 2020 14:21

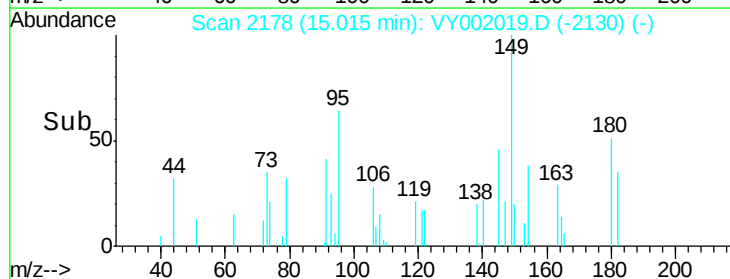
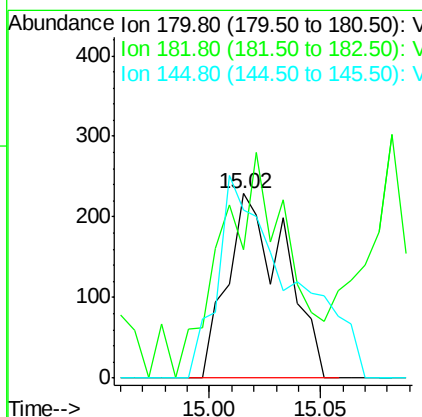
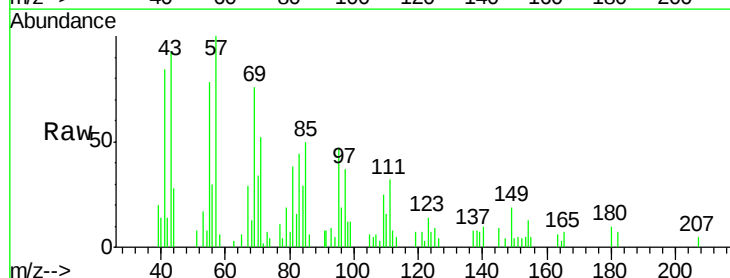
Instrument :  
MSVOA\_Y  
ClientSampled :  
TP-7A

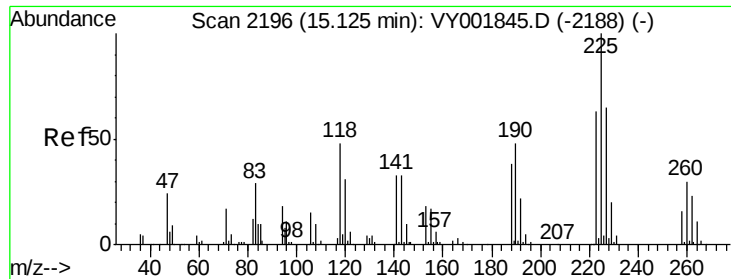
Tot Ion: 91 Resp: 800  
Ion Ratio Lower Upper  
91 100  
92 17.3 27.5 82.4#  
134 0.0 12.5 37.5#



#93  
1,2,4-Trichlorobenzene  
Concen: 5.232 ug/l  
RT: 15.02 min Scan# 2178  
Delta R.T. -0.01 min  
Lab File: VY002019.D  
Acq: 19 Mar 2020 14:21

Tgt Ion: 180 Resp: 410  
Ion Ratio Lower Upper  
180 100  
182 142.4 46.1 138.3#  
145 138.5 15.6 46.8#





#94

Hexachlorobutadiene

Concen: 1.884 ug/l

RT: 15.12 min Scan# 2195

Delta R.T. -0.01 min

Lab File: VY002019.D

Acq: 19 Mar 2020 14:21

Instrument :

MSVOA\_Y

ClientSampleId :

TP-7A

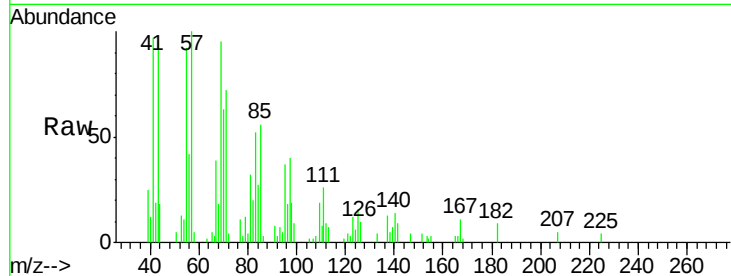
Tot Ion:225 Resp: 72

Ion Ratio Lower Upper

225 100

223 0.0 31.5 94.5#

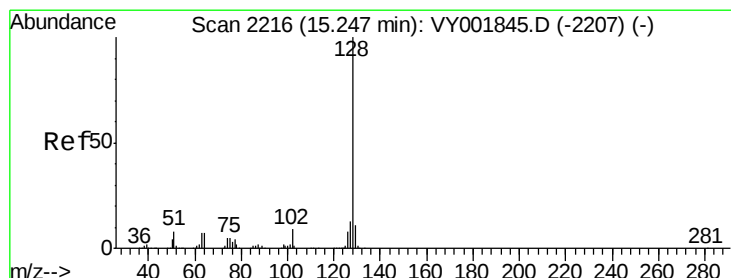
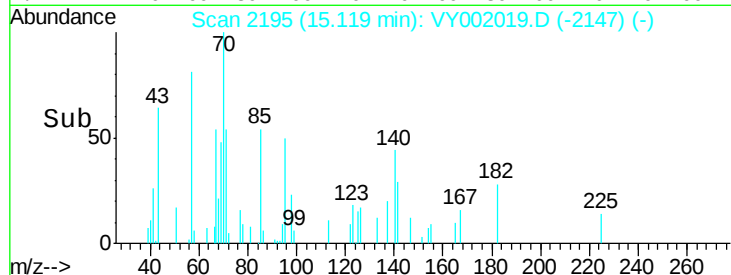
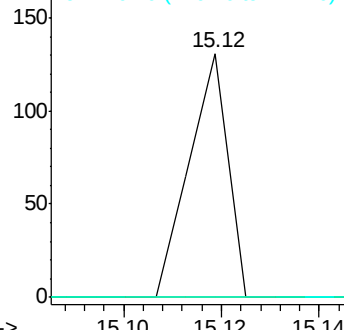
227 0.0 31.9 95.5#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.438 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002019.D

Acq: 19 Mar 2020 14:21

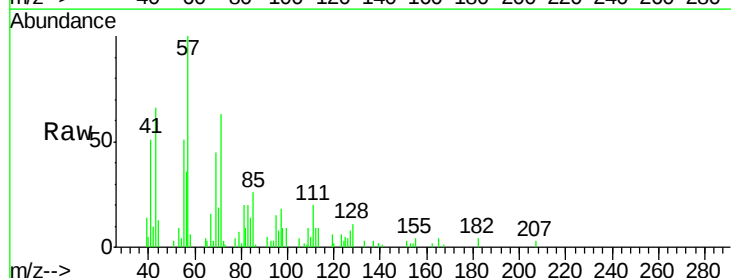
Tgt Ion:128 Resp: 825

Ion Ratio Lower Upper

128 100

127 64.6 10.1 15.1#

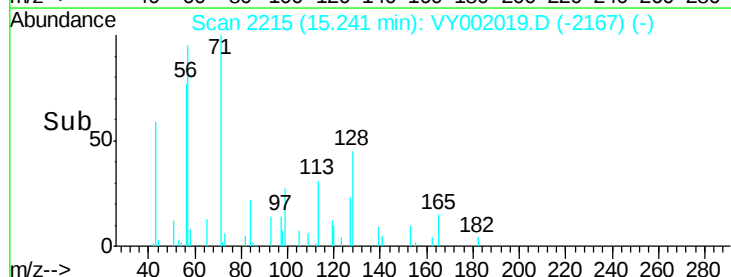
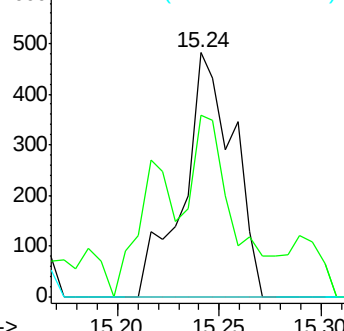
129 0.0 8.6 13.0#

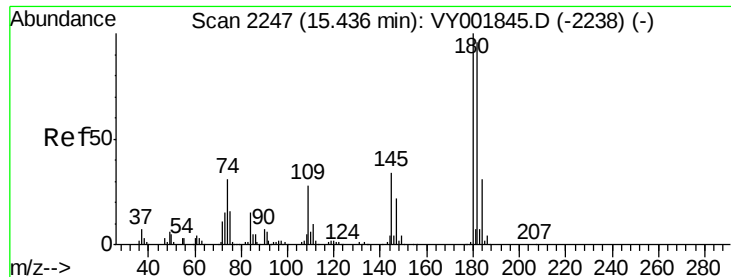


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.651 ug/l  
 RT: 15.62 min Scan# 2278  
 Delta R.T. 0.19 min  
 Lab File: VY002019.D  
 Acq: 19 Mar 2020 14:21

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-7A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 77.6  | 47.6  | 142.9 |
| 145     | 44.3  | 16.8  | 50.3  |

