

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\  
 Data File : VY003352.D  
 Acq On : 27 Jul 2020 13:12  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BFB

Quant Time: Jul 28 05:02:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y071020S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 10 13:18:03 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.79  | 168  | 498261   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 730427   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 657204   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 352900   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.14  | 65   | 206270   | 49.05 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.10% |          |
| 35) Dibromofluoromethane    | 7.72  | 113  | 204990   | 48.77 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.54% |          |
| 50) Toluene-d8              | 10.18 | 98   | 736525   | 47.13 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.26% |          |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 270963   | 47.99 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.98% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85   | 147497   | 41.302  | ug/l  | 99     |
| 3) Chloromethane              | 2.12 | 50   | 217549   | 43.918  | ug/l  | 99     |
| 4) Vinyl Chloride             | 2.26 | 62   | 238434   | 46.914  | ug/l  | 99     |
| 5) Bromomethane               | 2.65 | 94   | 181892   | 48.183  | ug/l  | 96     |
| 6) Chloroethane               | 2.80 | 64   | 158829   | 47.580  | ug/l  | 100    |
| 7) Trichlorofluoromethane     | 3.13 | 101  | 360176   | 49.623  | ug/l  | 99     |
| 8) Diethyl Ether              | 3.53 | 74   | 127115   | 52.264  | ug/l  | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91 | 101  | 222753   | 50.815  | ug/l  | 99     |
| 10) Methyl Iodide             | 4.10 | 142  | 241082   | 50.621  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 4.97 | 59   | 124526   | 273.835 | ug/l  | 97     |
| 12) 1,1-Dichloroethene        | 3.88 | 96   | 207561   | 50.061  | ug/l  | 99     |
| 13) Acrolein                  | 3.74 | 56   | 72735    | 184.275 | ug/l  | 99     |
| 14) Allyl chloride            | 4.49 | 41   | 350233   | 56.927  | ug/l  | 95     |
| 15) Acrylonitrile             | 5.17 | 53   | 327796   | 280.570 | ug/l  | 99     |
| 16) Acetone                   | 3.96 | 43   | 280087   | 298.161 | ug/l  | 98     |
| 17) Carbon Disulfide          | 4.20 | 76   | 590528   | 46.415  | ug/l  | 98     |
| 18) Methyl Acetate            | 4.49 | 43   | 153795   | 58.953  | ug/l  | 97     |
| 19) Methyl tert-butyl Ether   | 5.22 | 73   | 624632   | 53.759  | ug/l  | 98     |
| 20) Methylene Chloride        | 4.72 | 84   | 277256   | 59.731  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 5.23 | 96   | 241831   | 51.568  | ug/l  | 96     |
| 22) Diisopropyl ether         | 6.13 | 45   | 778909   | 57.045  | ug/l  | 96     |
| 23) Vinyl Acetate             | 6.07 | 43   | 2547575  | 279.928 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 6.03 | 63   | 430275   | 54.393  | ug/l  | 99     |
| 25) 2-Butanone                | 6.99 | 43   | 439102   | 284.691 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 6.99 | 77   | 402880   | 56.552  | ug/l  | 98     |
| 27) cis-1,2-Dichloroethene    | 6.99 | 96   | 274843   | 53.230  | ug/l  | 97     |
| 28) Bromochloromethane        | 7.34 | 49   | 188098   | 54.921  | ug/l  | 98     |
| 29) Tetrahydrofuran           | 7.35 | 42   | 288705   | 278.634 | ug/l  | 97     |
| 30) Chloroform                | 7.51 | 83   | 434894   | 53.379  | ug/l  | 99     |
| 31) Cyclohexane               | 7.78 | 56   | 380161   | 49.699  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97   | 396656   | 54.079  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 7.92 | 75   | 338882   | 51.190  | ug/l  | 99     |
| 37) Ethyl Acetate             | 7.08 | 43   | 195147   | 54.738  | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 7.90 | 117  | 360402   | 52.734  | ug/l  | 97     |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

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 BFB

Quant Time: Jul 28 05:02:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y071020S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 10 13:18:03 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.18  | 83   | 413253   | 49.692   | ug/l   | 97       |
| 40) Benzene                    | 8.16  | 78   | 955261   | 52.405   | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.35  | 41   | 266668   | 124.195  | ug/l # | 1        |
| 42) 1,2-Dichloroethane         | 8.24  | 62   | 290603   | 51.785   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.27  | 43   | 374354   | 54.248   | ug/l   | 99       |
| 44) Trichloroethene            | 8.94  | 130  | 279407   | 50.002   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 256237   | 54.326   | ug/l   | 98       |
| 46) Dibromomethane             | 9.31  | 93   | 139643   | 50.690   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.50  | 83   | 351491   | 53.647   | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.30  | 41   | 169948   | 55.088   | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 37183    | 1063.488 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 10.07 | 43   | 979127   | 272.980  | ug/l   | 99       |
| 52) Toluene                    | 10.24 | 92   | 607081   | 52.106   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 368532   | 54.289   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 421312   | 53.866   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 10.64 | 97   | 201519   | 51.623   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 287504   | 54.172   | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 350774   | 52.995   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 718614   | 265.497  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.83 | 43   | 691076   | 276.005  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.99 | 129  | 259464   | 52.845   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 193701   | 50.275   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.72 | 164  | 276318   | 47.154   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.52 | 112  | 677747   | 53.532   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 266383   | 54.172   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.59 | 91   | 1213643  | 53.688   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.70 | 106  | 917832   | 107.008  | ug/l   | 99       |
| 69) o-Xylene                   | 12.03 | 106  | 433654   | 54.119   | ug/l   | 99       |
| 70) Styrene                    | 12.05 | 104  | 754049   | 55.010   | ug/l   | 99       |
| 71) Bromoform                  | 12.20 | 173  | 176502   | 54.689   | ug/l   | 100      |
| 73) Isopropylbenzene           | 12.33 | 105  | 1201696  | 53.434   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.14 | 43   | 345130   | 54.694   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 239365   | 55.109   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 317831   | 101.746  | ug/l # | 100      |
| 77) Bromobenzene               | 12.61 | 156  | 301027   | 52.512   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.67 | 91   | 1420786  | 53.596   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.75 | 91   | 791094   | 53.487   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 999211   | 53.309   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 85798    | 53.454   | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.85 | 91   | 826456   | 53.535   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.08 | 119  | 894899   | 54.109   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 1009364  | 53.521   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.25 | 105  | 1226403  | 53.952   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 1133310  | 53.396   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 581667   | 53.657   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.44 | 146  | 567776   | 52.902   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.70 | 91   | 1079166  | 54.055   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.96 | 117  | 221684   | 57.354   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.74 | 146  | 505331   | 53.118   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 36122    | 51.297   | ug/l   | 99       |

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Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

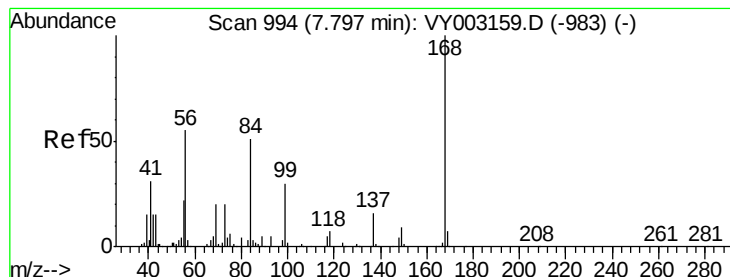
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB

Quant Time: Jul 28 05:02:57 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y071020S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 10 13:18:03 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180  | 361721   | 53.447 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 235648   | 50.815 | ug/l  | 99       |
| 95) Naphthalene            | 15.23 | 128  | 602444   | 53.862 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 286910   | 53.629 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

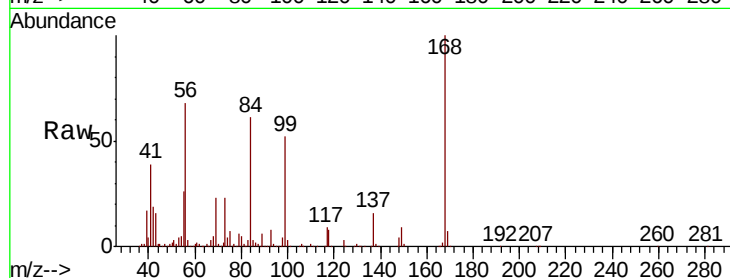
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Tot Ion:168 Resp: 498261

Ion Ratio Lower Upper

168 100

99 51.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003352.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003352.D (-945) (-)

7.79

250000

200000

150000

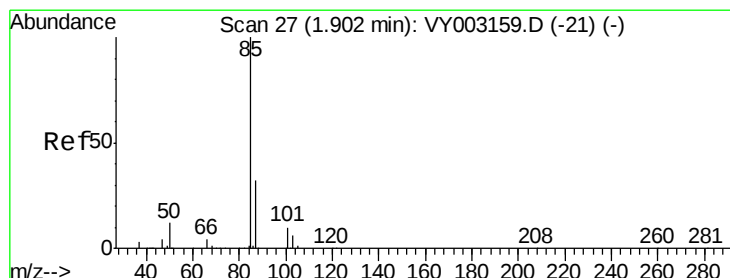
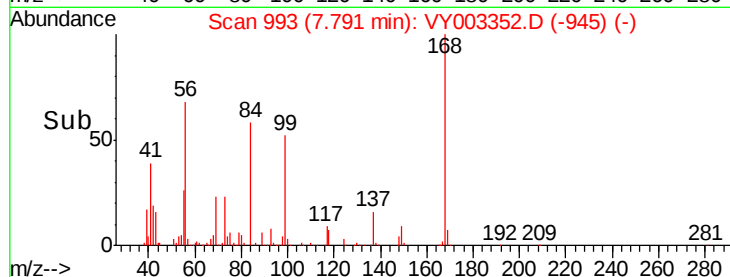
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 41.302 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003352.D

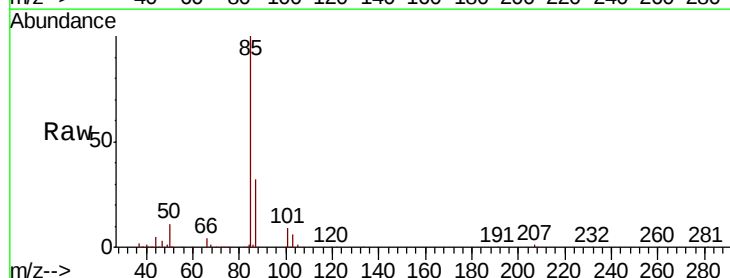
Acq: 27 Jul 2020 13:12

Tgt Ion: 85 Resp: 147497

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003352.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003352.D (-1) (-)

1.91

100000

80000

60000

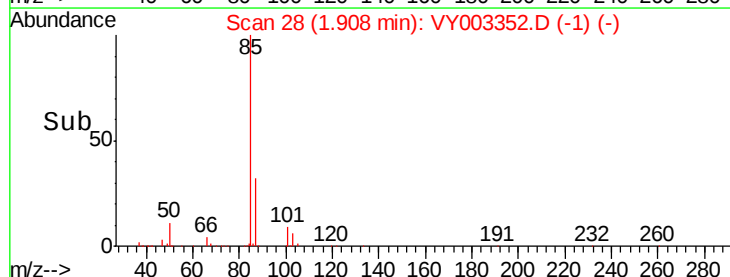
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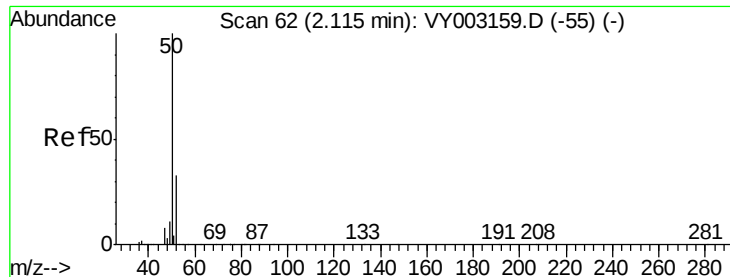
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0

1.85 1.90 1.95 2.00

Time-->

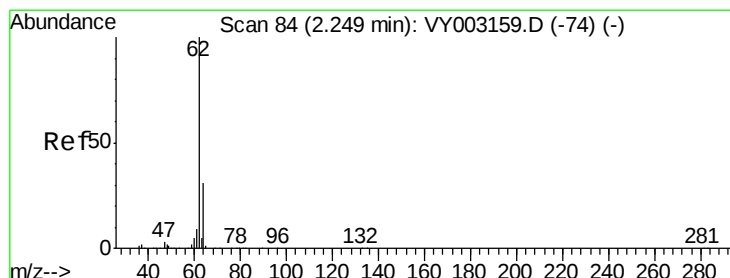
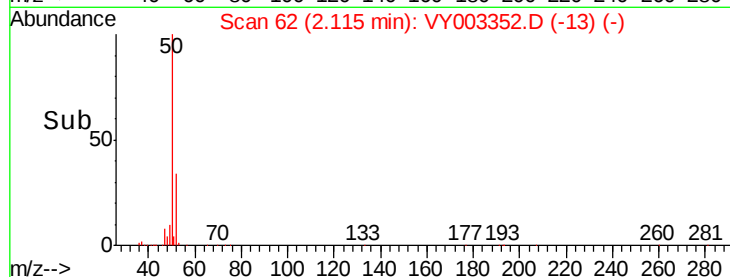
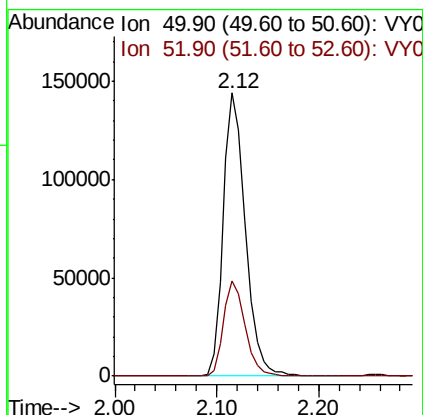
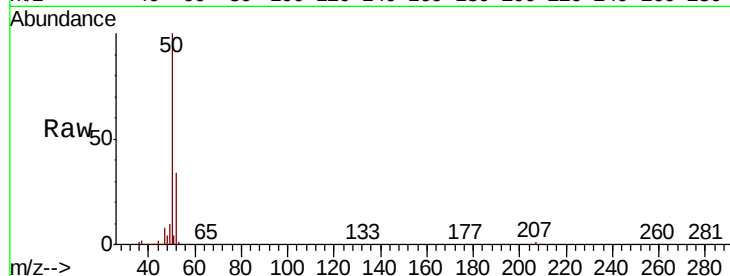




#3  
Chloromethane  
Concen: 43.918 ug/l  
RT: 2.12 min Scan# 62  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

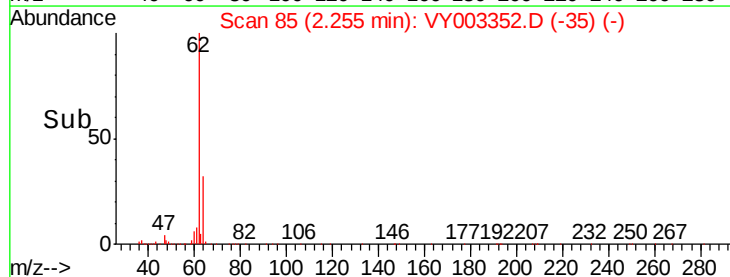
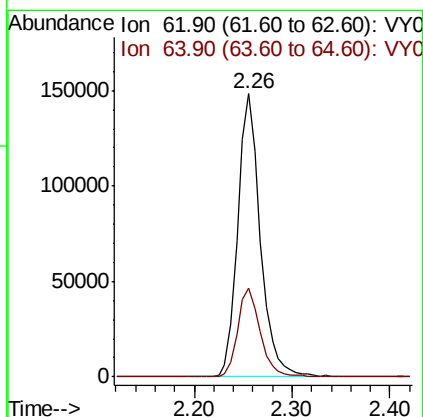
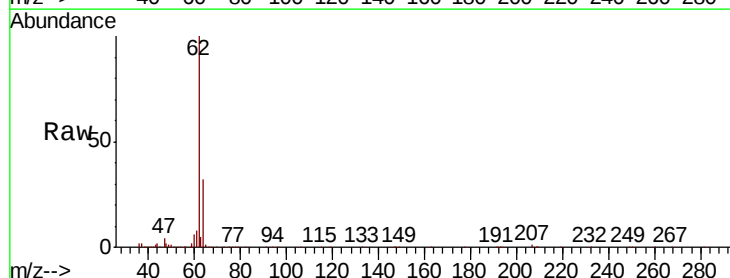
Instrument :  
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ClientSampleId :  
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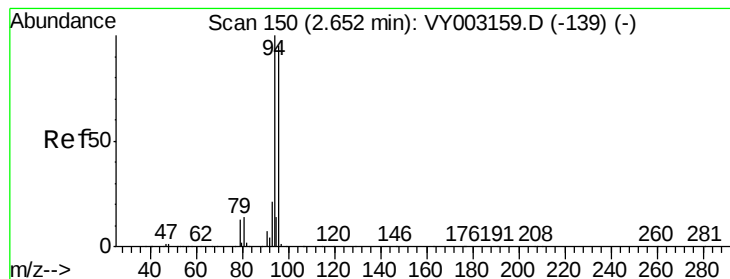
Tot Ion: 50 Resp: 217549  
Ion Ratio Lower Upper  
50 100  
52 33.5 26.6 39.8



#4  
Vinyl Chloride  
Concen: 46.914 ug/l  
RT: 2.26 min Scan# 85  
Delta R.T. 0.01 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

Tgt Ion: 62 Resp: 238434  
Ion Ratio Lower Upper  
62 100  
64 31.6 24.6 37.0





#5

Bromomethane

Concen: 48.183 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

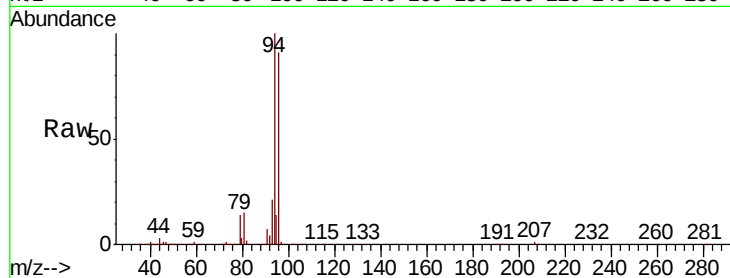
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Tot Ion: 94 Resp: 181892

Ion Ratio Lower Upper

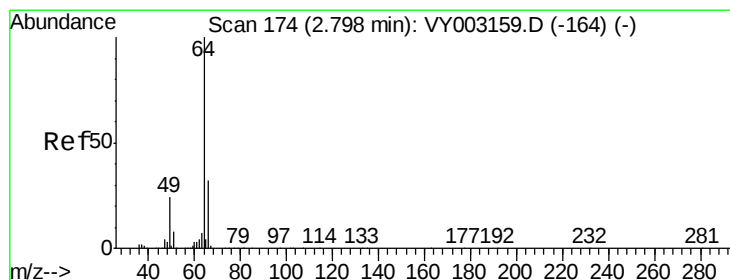
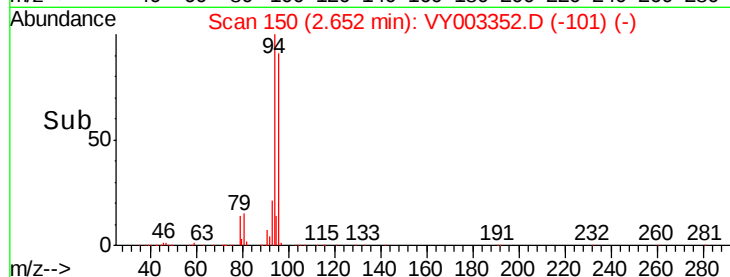
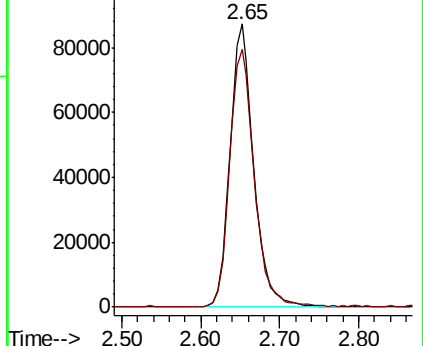
94 100

96 90.7 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VY003352.D (-101) (-)

Ion 95.90 (95.60 to 96.60): VY003352.D (-101) (-)



#6

Chloroethane

Concen: 47.580 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003352.D

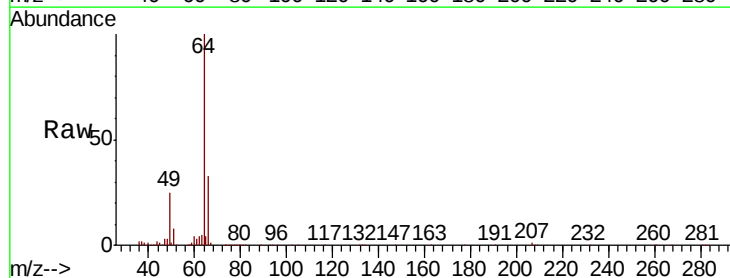
Acq: 27 Jul 2020 13:12

Tgt Ion: 64 Resp: 158829

Ion Ratio Lower Upper

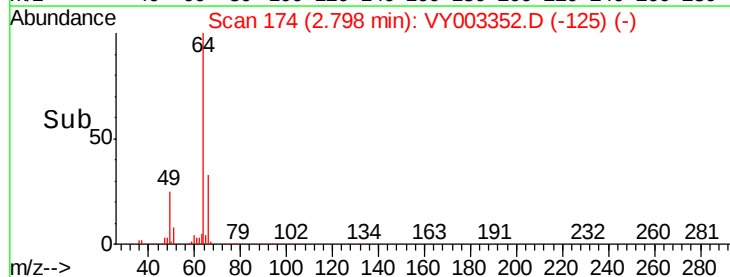
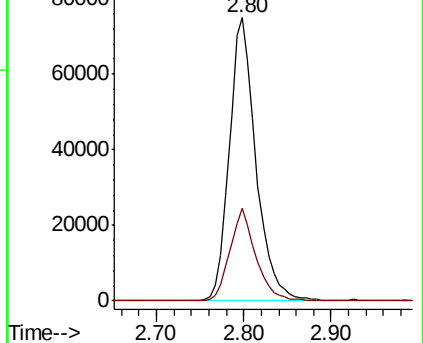
64 100

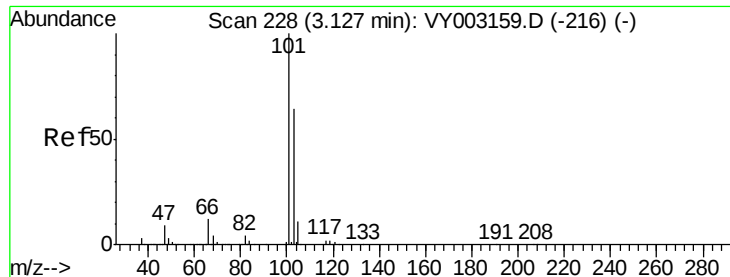
66 32.7 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY003352.D (-125) (-)

Ion 65.90 (65.60 to 66.60): VY003352.D (-125) (-)



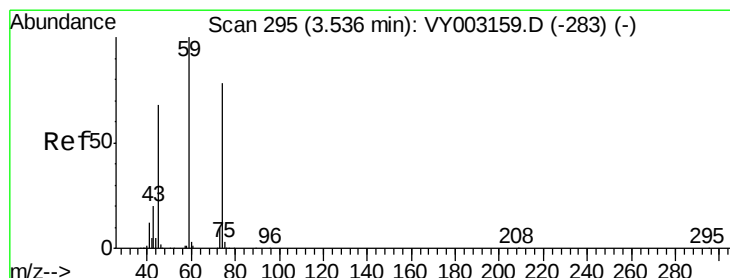
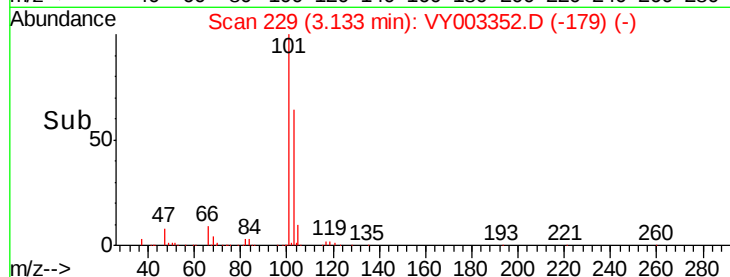
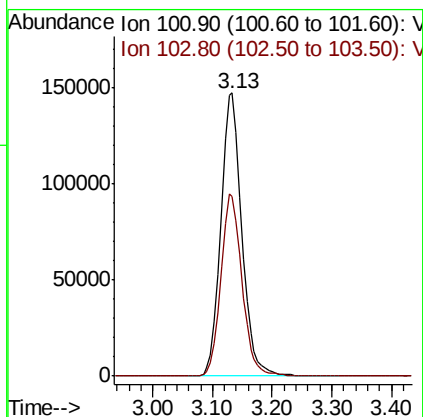
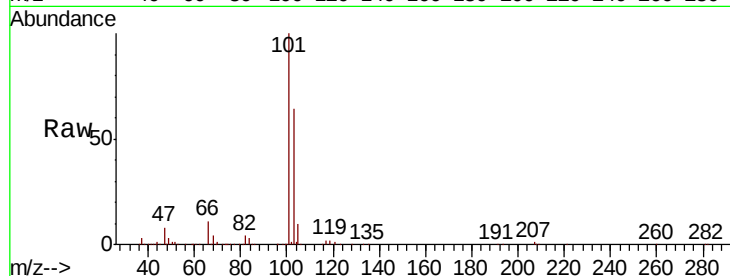


#7

Trichlorofluoromethane  
 Concen: 49.623 ug/l  
 RT: 3.13 min Scan# 229  
 Delta R.T. 0.01 min  
 Lab File: VY003352.D  
 Acq: 27 Jul 2020 13:12

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BFB

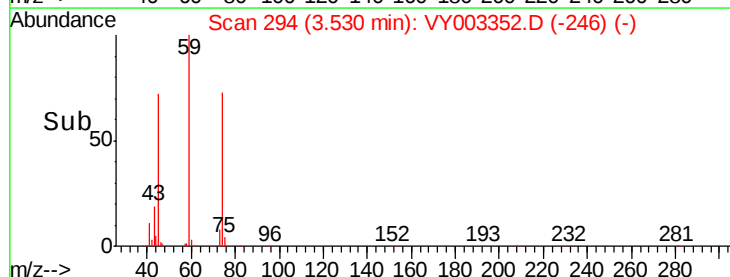
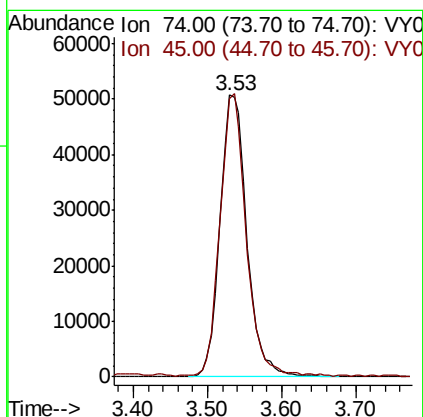
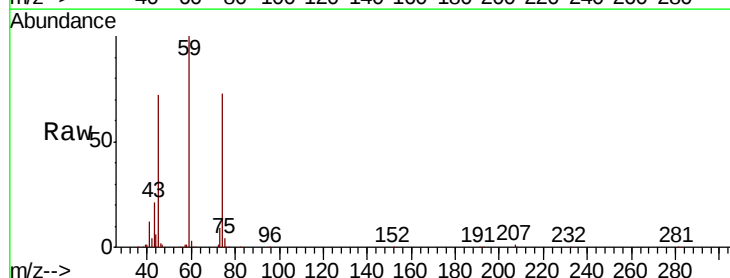
Tot Ion:101 Resp: 360176  
 Ion Ratio Lower Upper  
 101 100  
 103 63.7 51.3 76.9

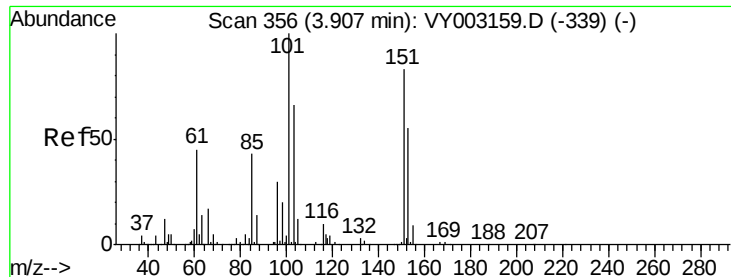


#8

Diethyl Ether  
 Concen: 52.264 ug/l  
 RT: 3.53 min Scan# 294  
 Delta R.T. -0.01 min  
 Lab File: VY003352.D  
 Acq: 27 Jul 2020 13:12

Tgt Ion: 74 Resp: 127115  
 Ion Ratio Lower Upper  
 74 100  
 45 97.4 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.815 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

BFB

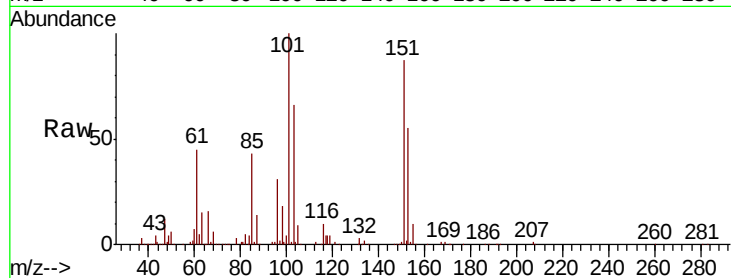
Tot Ion:101 Resp: 222753

Ion Ratio Lower Upper

101 100

85 42.9 34.9 52.3

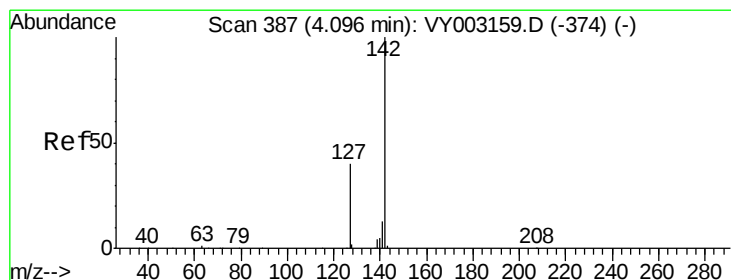
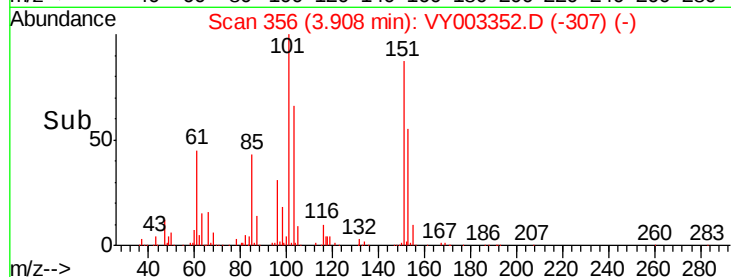
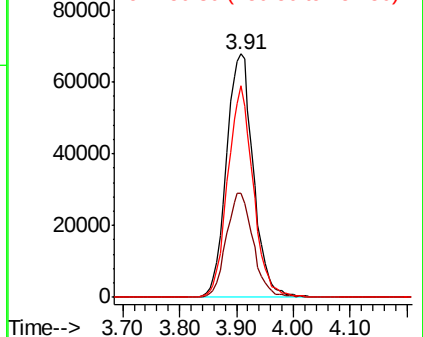
151 82.5 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.621 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

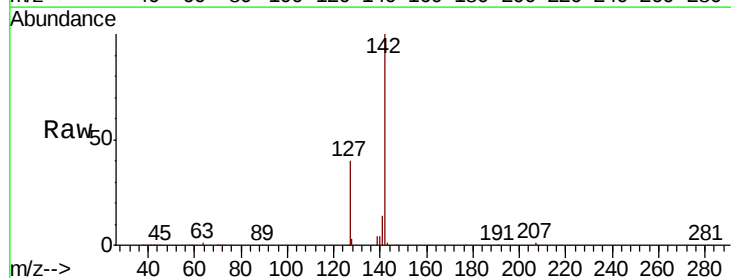
Tgt Ion:142 Resp: 241082

Ion Ratio Lower Upper

142 100

127 41.4 33.5 50.3

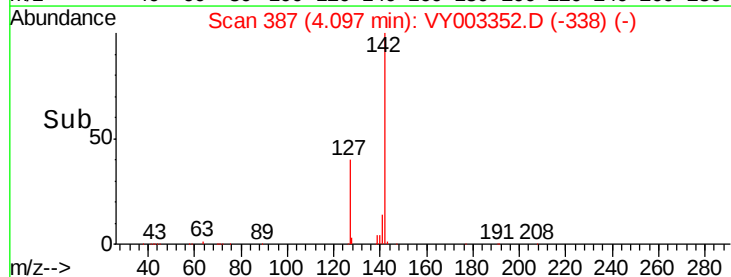
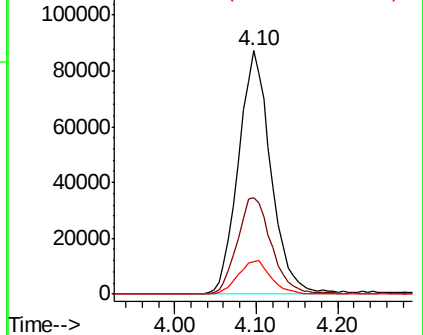
141 14.1 11.2 16.8

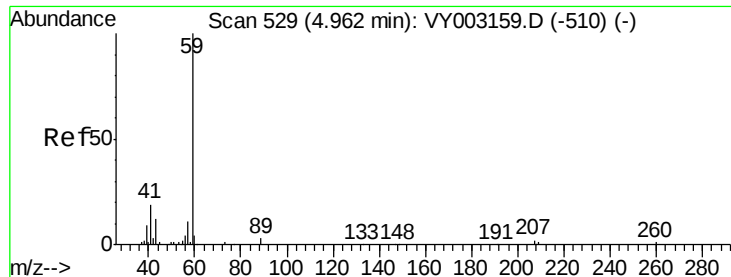


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



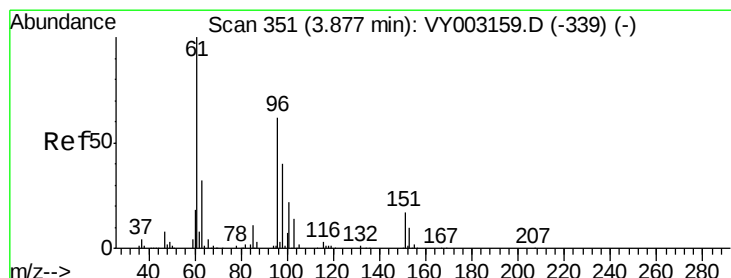
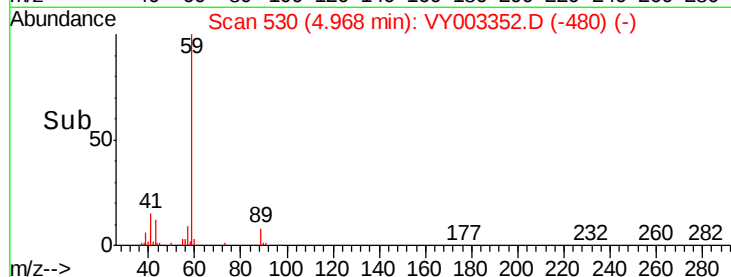
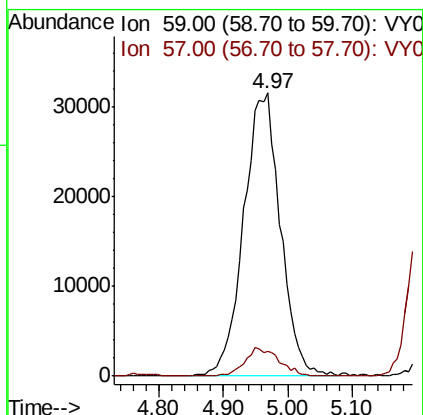
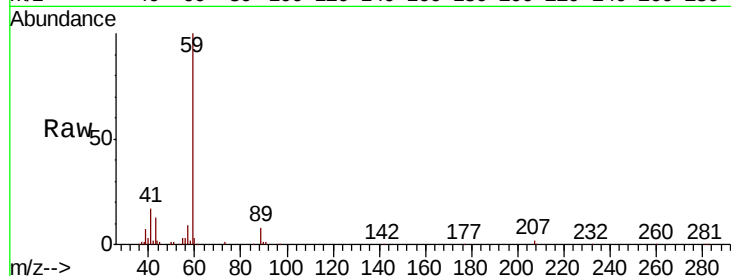


#11

Tert butyl alcohol  
Concen: 273.835 ug/l  
RT: 4.97 min Scan# 530  
Delta R.T. 0.01 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB

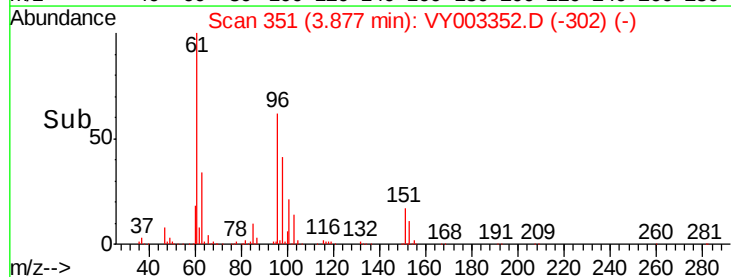
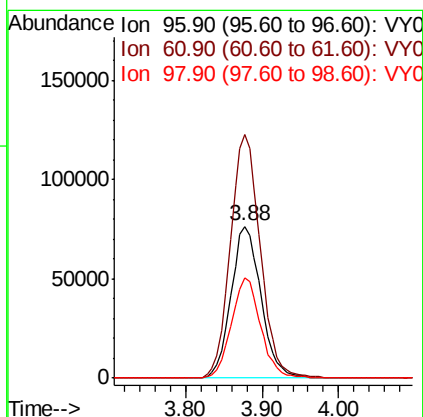
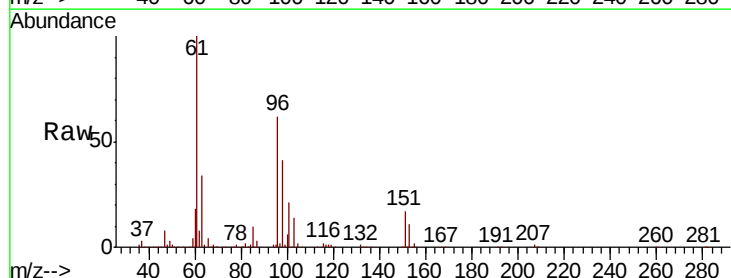
Tot Ion: 59 Resp: 124526  
Ion Ratio Lower Upper  
59 100  
57 9.4 8.4 12.6

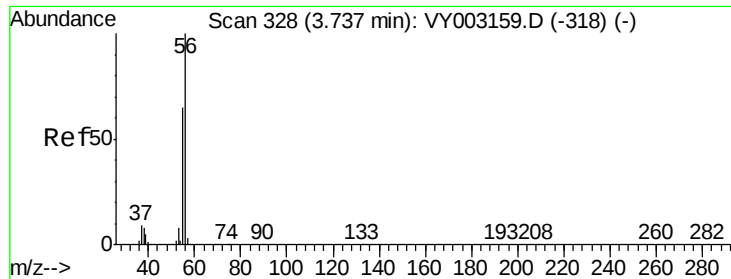


#12

1,1-Dichloroethene  
Concen: 50.061 ug/l  
RT: 3.88 min Scan# 351  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

Tgt Ion: 96 Resp: 207561  
Ion Ratio Lower Upper  
96 100  
61 160.2 128.6 193.0  
98 66.0 51.6 77.4

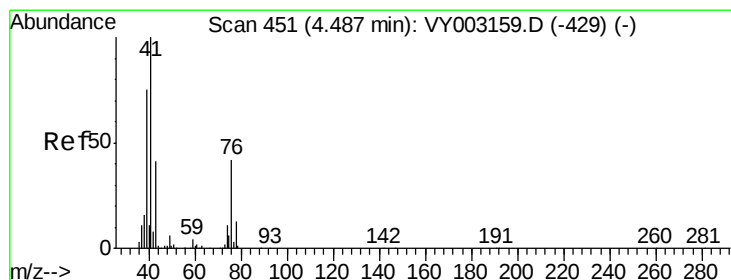
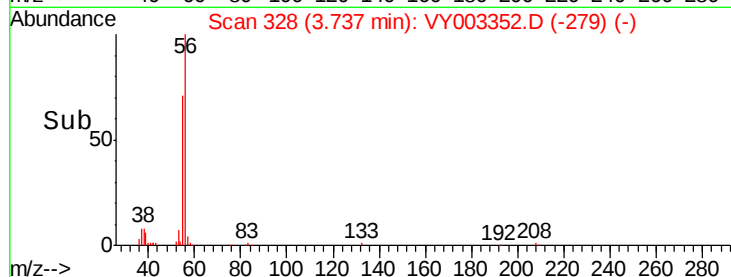
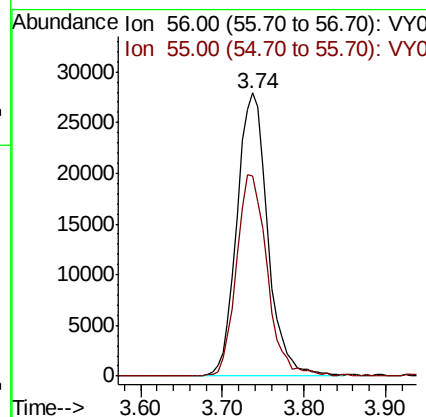
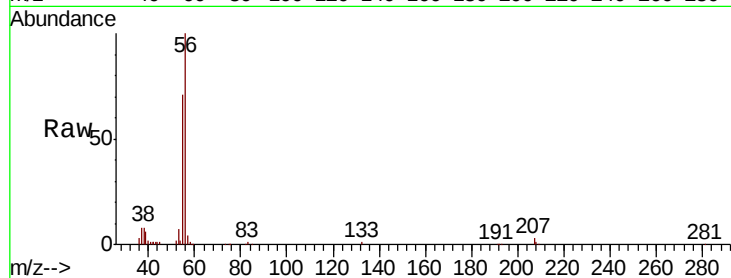




#13  
 Acrolein  
 Concen: 184.275 ug/l  
 RT: 3.74 min Scan# 328  
 Delta R.T. 0.00 min  
 Lab File: VY003352.D  
 Acq: 27 Jul 2020 13:12

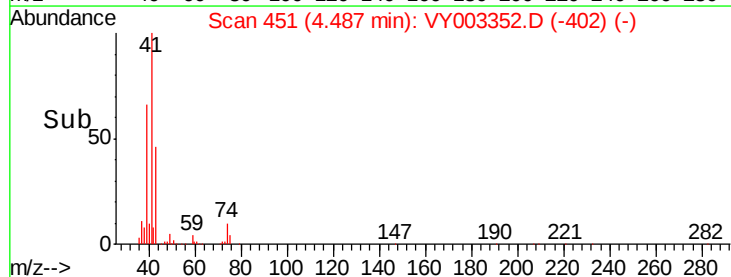
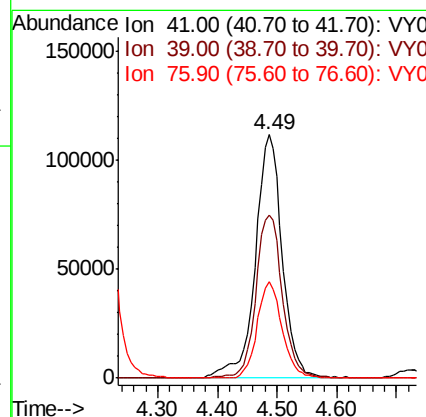
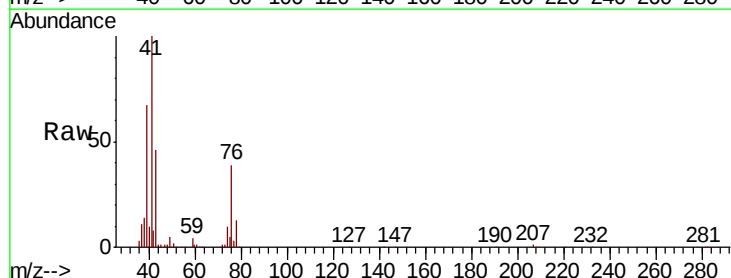
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BFB

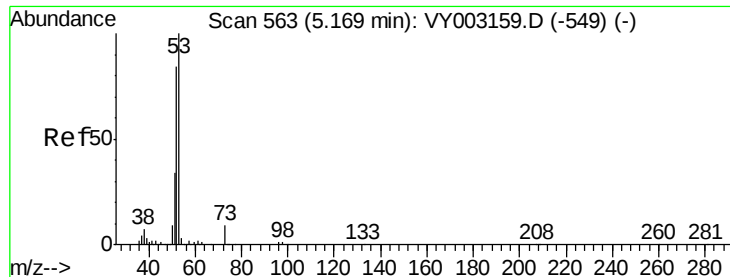
Tot Ion: 56 Resp: 72735  
 Ion Ratio Lower Upper  
 56 100  
 55 71.1 56.0 84.0



#14  
 Allyl chloride  
 Concen: 56.927 ug/l  
 RT: 4.49 min Scan# 451  
 Delta R.T. 0.00 min  
 Lab File: VY003352.D  
 Acq: 27 Jul 2020 13:12

Tgt Ion: 41 Resp: 350233  
 Ion Ratio Lower Upper  
 41 100  
 39 66.4 56.6 85.0  
 76 36.8 31.6 47.4





#15

Acrylonitrile

Concen: 280.570 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

BFB

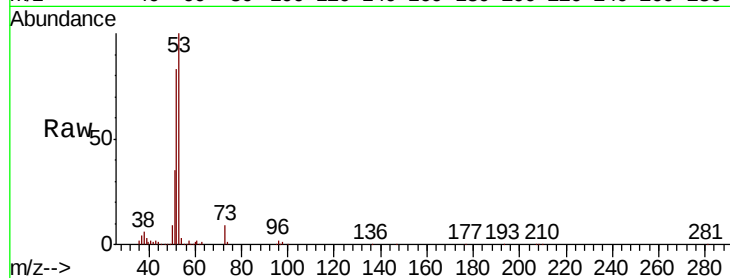
Tot Ion: 53 Resp: 327796

Ion Ratio Lower Upper

53 100

52 82.5 65.8 98.6

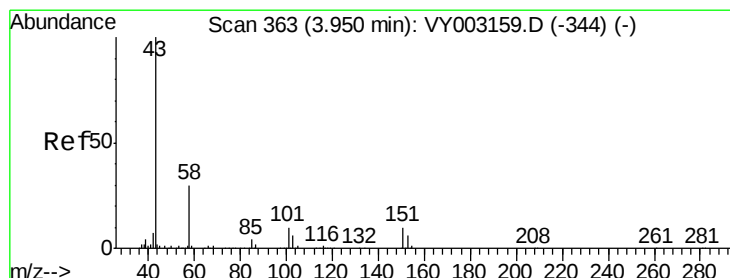
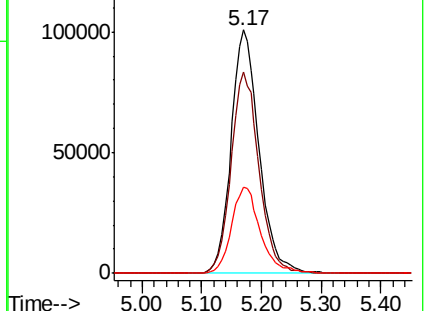
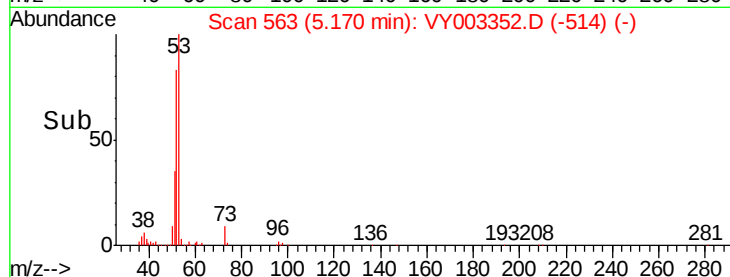
51 36.8 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY003352.D (-514) (-)

Ion 52.00 (51.70 to 52.70): VY003352.D (-514) (-)

Ion 51.00 (50.70 to 51.70): VY003352.D (-514) (-)



#16

Acetone

Concen: 298.161 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003352.D

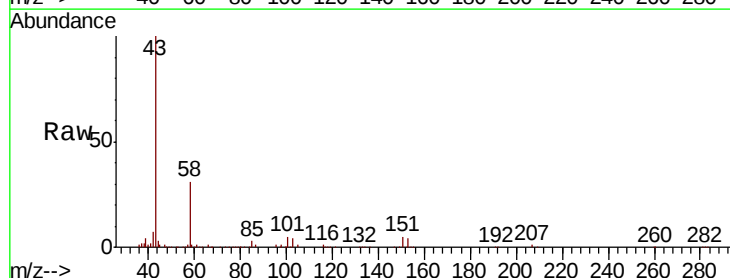
Acq: 27 Jul 2020 13:12

Tgt Ion: 43 Resp: 280087

Ion Ratio Lower Upper

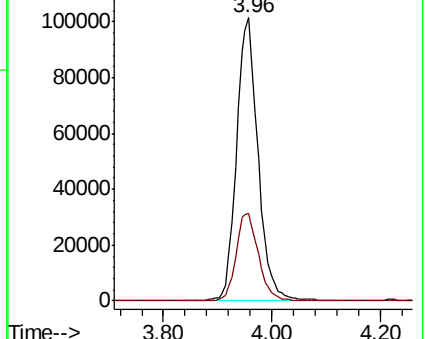
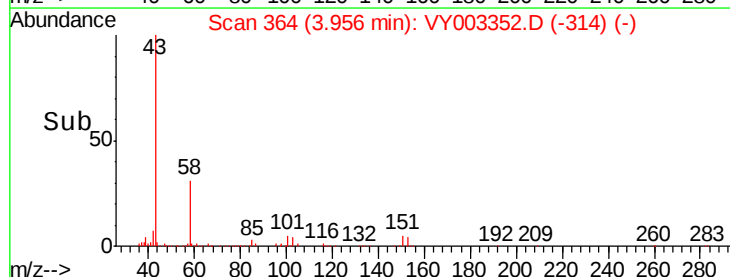
43 100

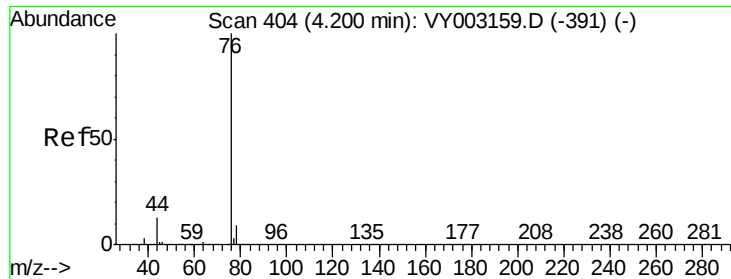
58 30.7 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003352.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003352.D (-314) (-)

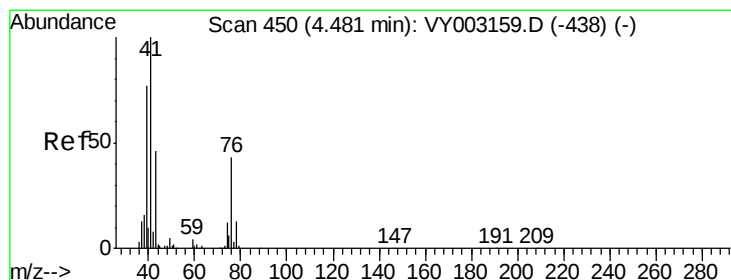
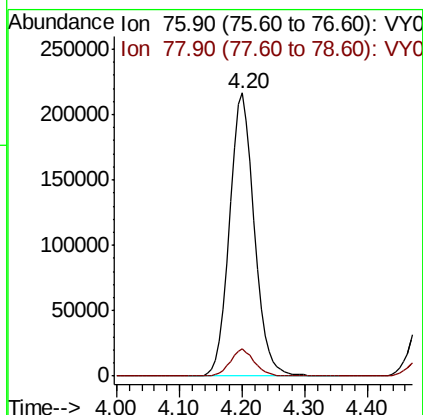
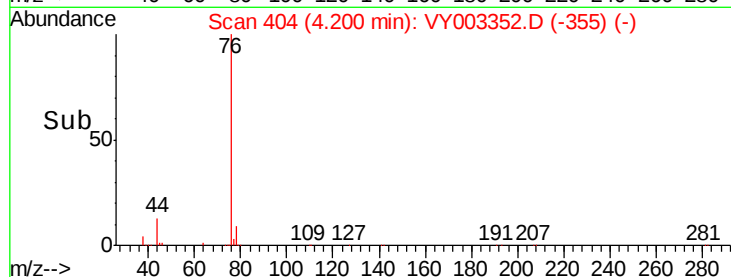
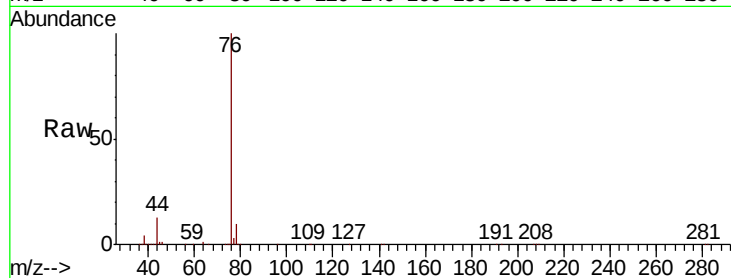




#17  
Carbon Disulfide  
Concen: 46.415 ug/l  
RT: 4.20 min Scan# 404  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

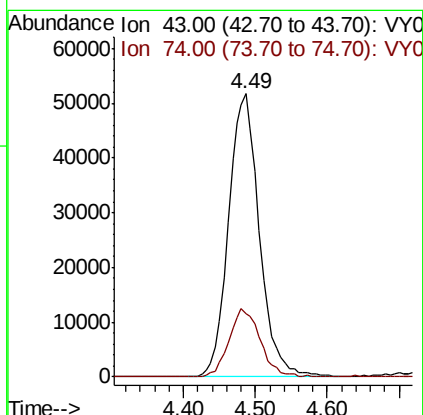
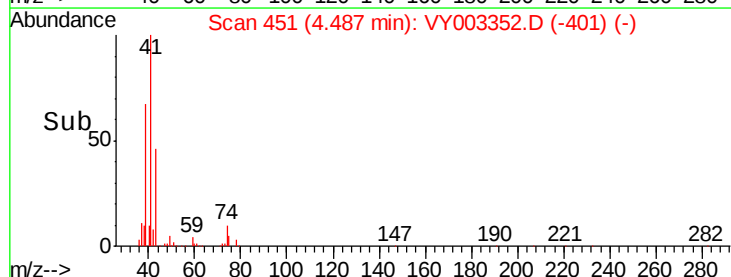
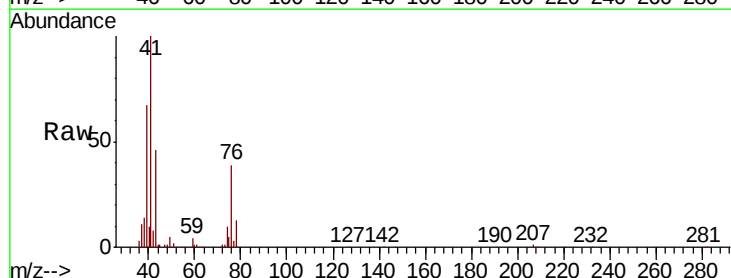
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB

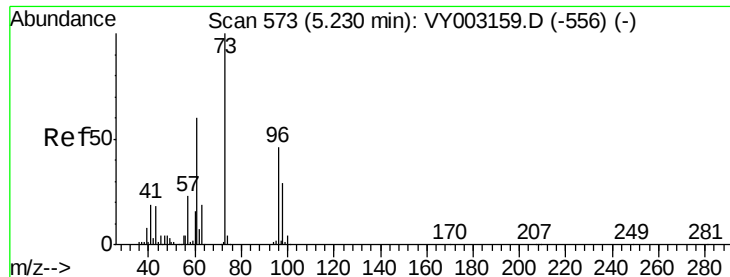
Tot Ion: 76 Resp: 590528  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.3 10.9



#18  
Methyl Acetate  
Concen: 58.953 ug/l  
RT: 4.49 min Scan# 451  
Delta R.T. 0.01 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

Tgt Ion: 43 Resp: 153795  
Ion Ratio Lower Upper  
43 100  
74 24.2 20.8 31.2

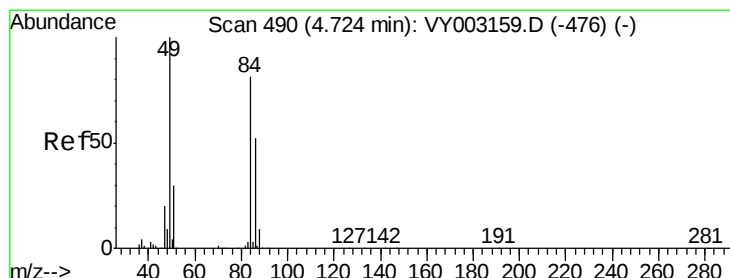
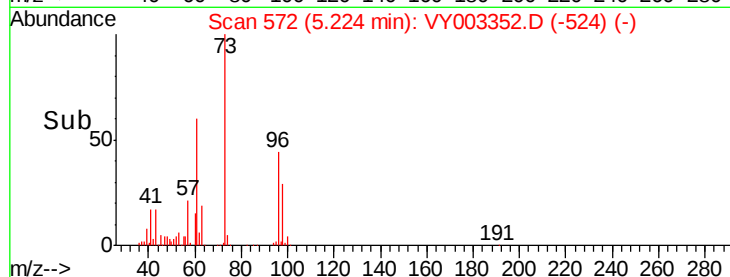
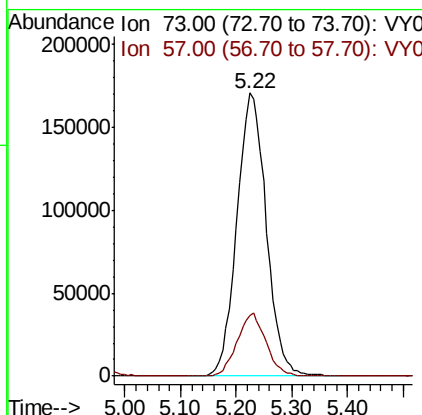
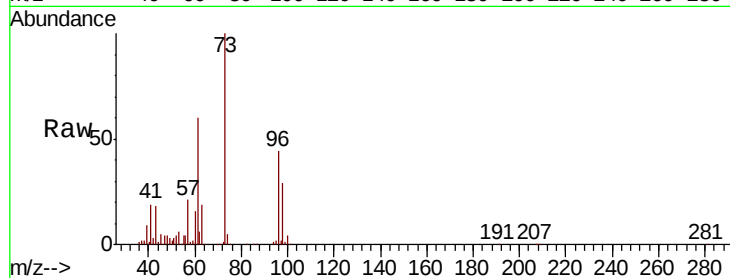




#19  
Methvl tert-butvl Ether  
Concen: 53.759 ug/l  
RT: 5.22 min Scan# 572  
Delta R.T. -0.01 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

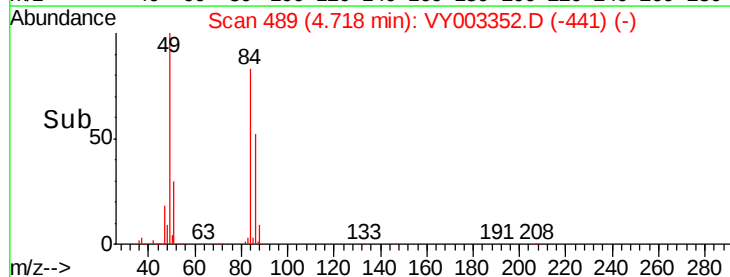
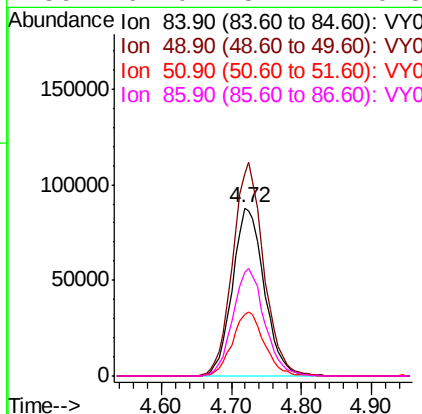
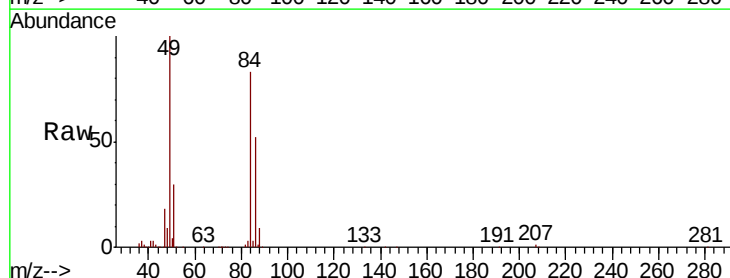
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB

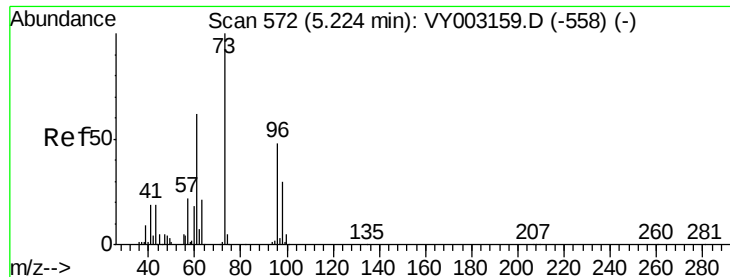
Tot Ion: 73 Resp: 624632  
Ion Ratio Lower Upper  
73 100  
57 21.4 18.1 27.1



#20  
Methylene Chloride  
Concen: 59.731 ug/l  
RT: 4.72 min Scan# 489  
Delta R.T. -0.01 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

Tgt Ion: 84 Resp: 277256  
Ion Ratio Lower Upper  
84 100  
49 120.2 98.2 147.4  
51 36.3 29.8 44.6  
86 62.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 51.568 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampled :

BFB

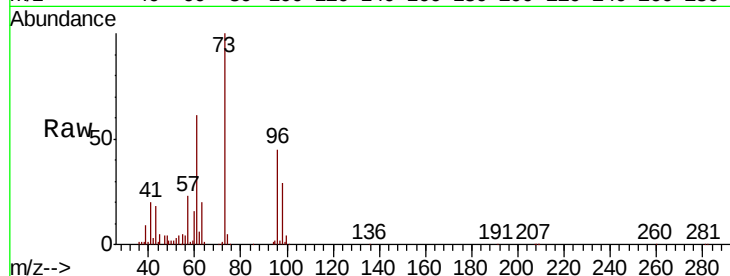
Tot Ion: 96 Resp: 241831

Ion Ratio Lower Upper

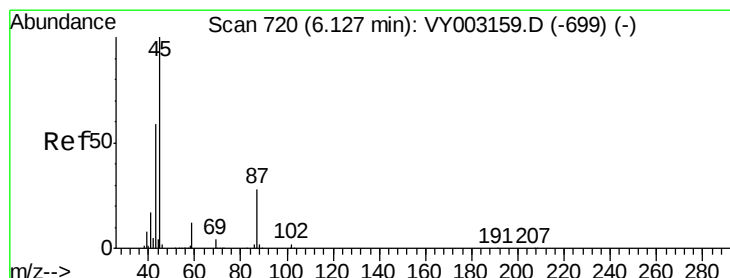
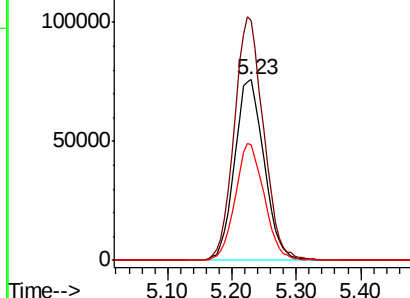
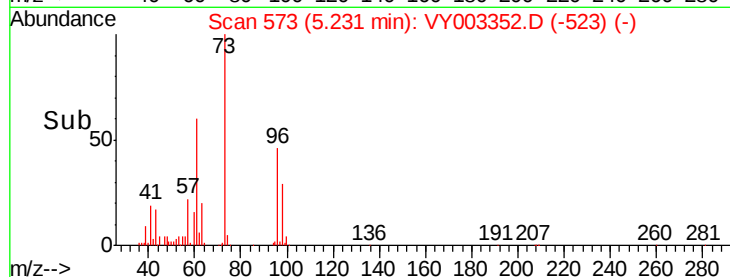
96 100

61 133.2 102.5 153.7

98 64.0 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VY0  
Ion 60.90 (60.60 to 61.60): VY0  
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 57.045 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Tgt Ion: 45 Resp: 778909

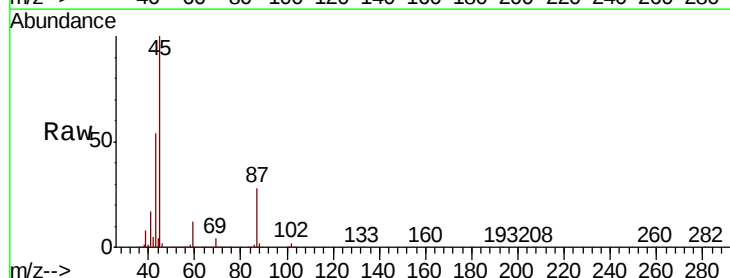
Ion Ratio Lower Upper

45 100

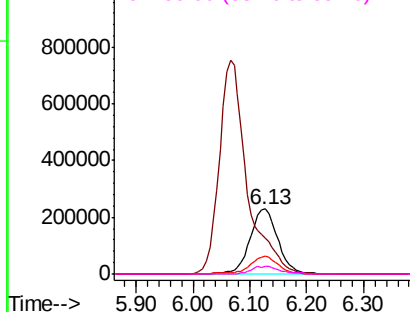
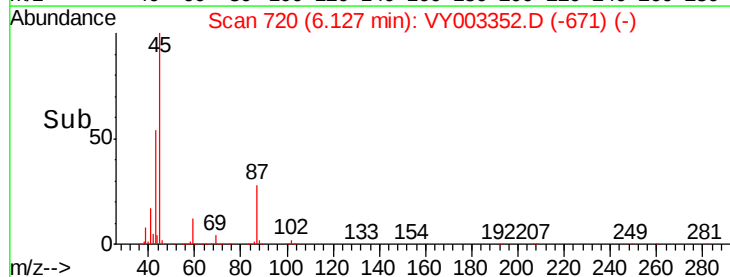
43 54.2 47.0 70.4

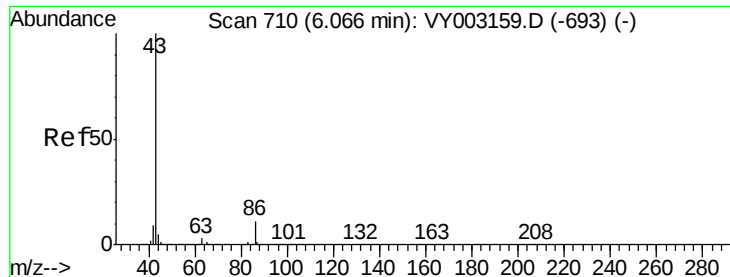
87 27.8 22.6 33.8

59 12.0 9.8 14.6



Abundance Ion 45.00 (44.70 to 45.70): VY0  
Ion 43.00 (42.70 to 43.70): VY0  
Ion 87.00 (86.70 to 87.70): VY0  
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 279.928 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

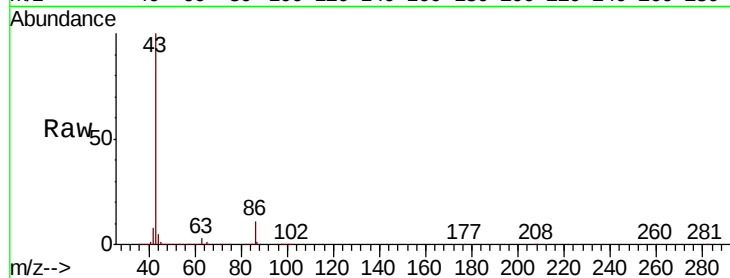
BFB

Tot Ion: 43 Resp: 2547575

Ion Ratio Lower Upper

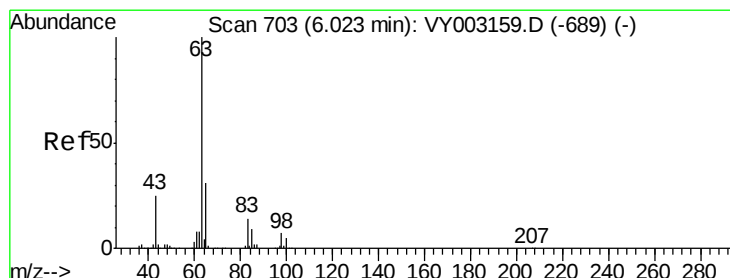
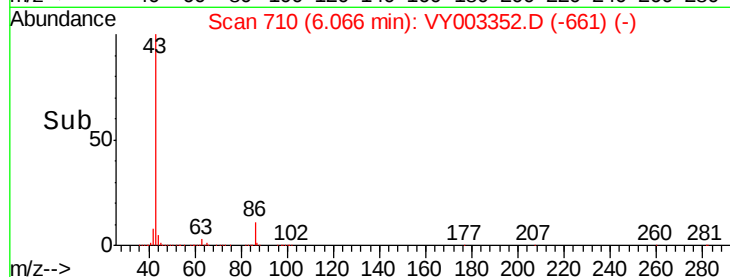
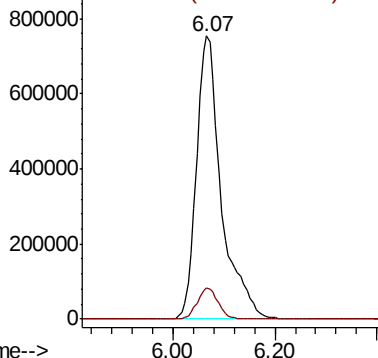
43 100

86 11.0 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 54.393 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

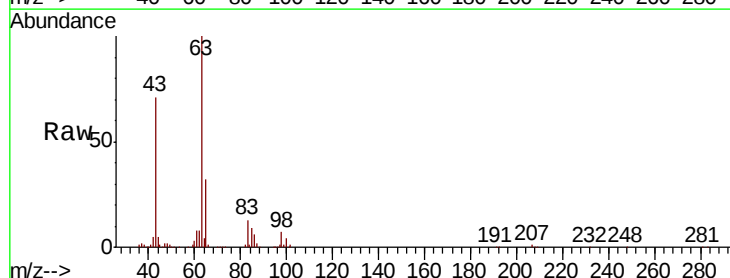
Tgt Ion: 63 Resp: 430275

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

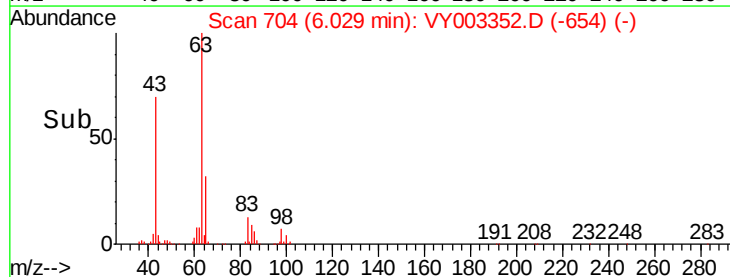
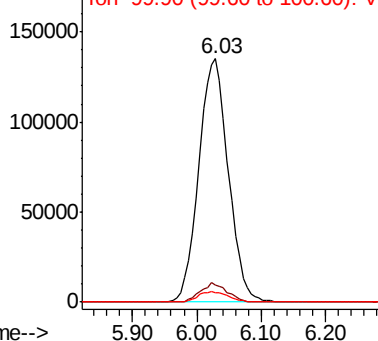
100 4.1 2.4 7.2

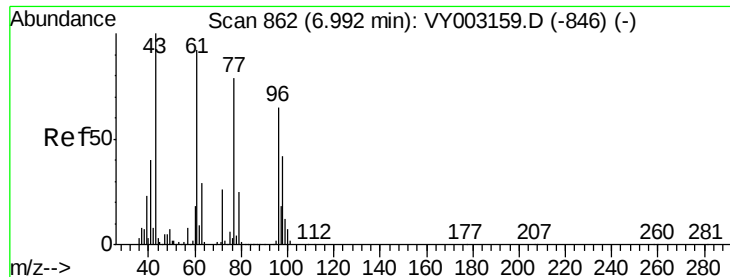


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

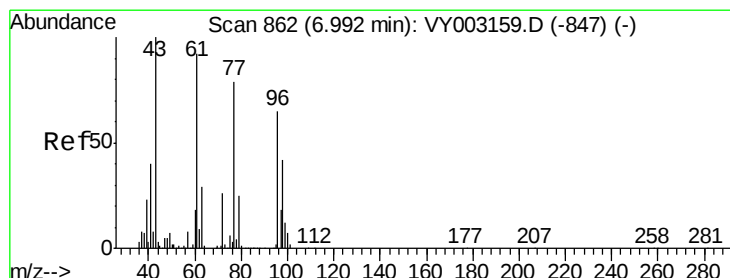
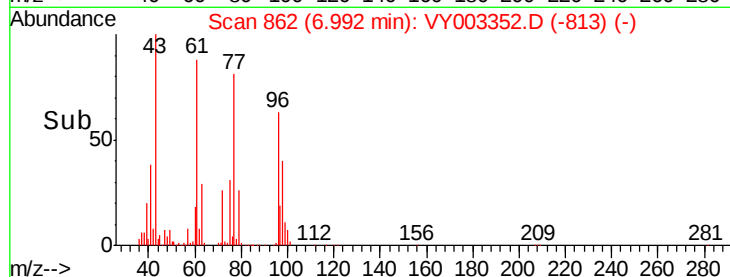
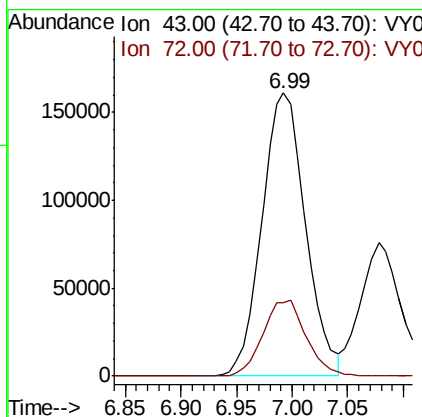
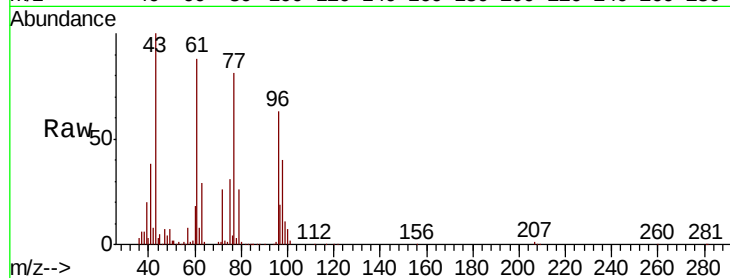




#25  
2-Butanone  
Concen: 284.691 ug/l  
RT: 6.99 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

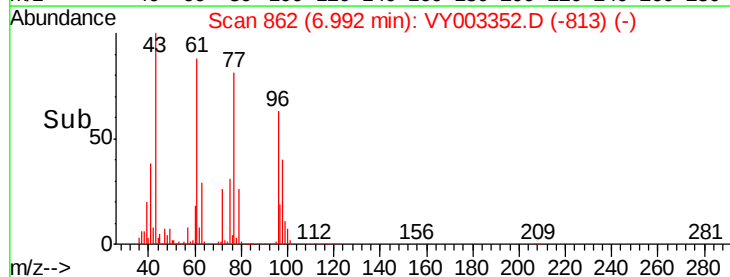
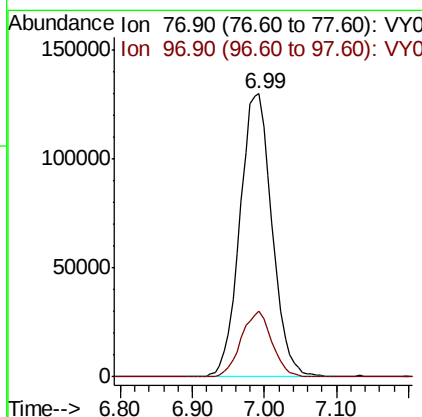
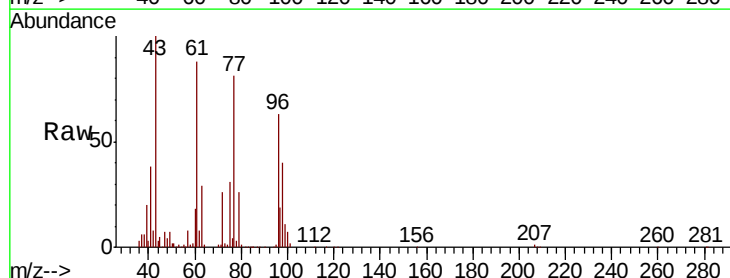
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB

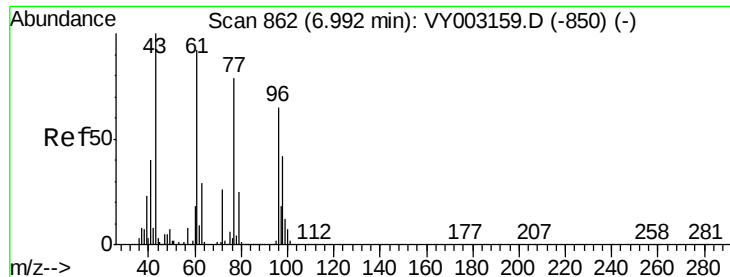
Tot Ion: 43 Resp: 439102  
Ion Ratio Lower Upper  
43 100  
72 25.9 20.9 31.3



#26  
2,2-Dichloropropane  
Concen: 56.552 ug/l  
RT: 6.99 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

Tgt Ion: 77 Resp: 402880  
Ion Ratio Lower Upper  
77 100  
97 22.3 11.6 34.7



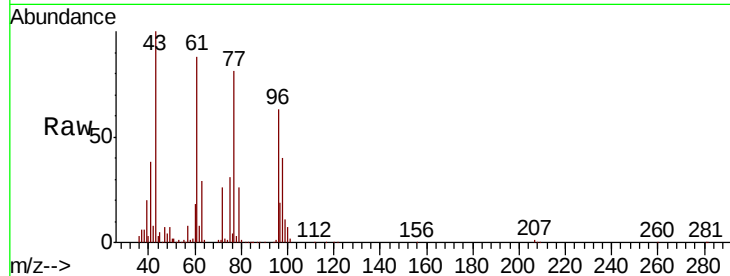


#27

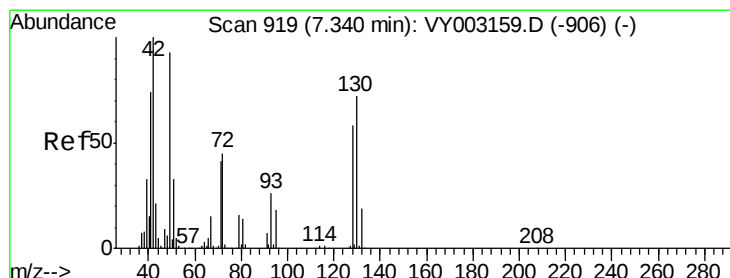
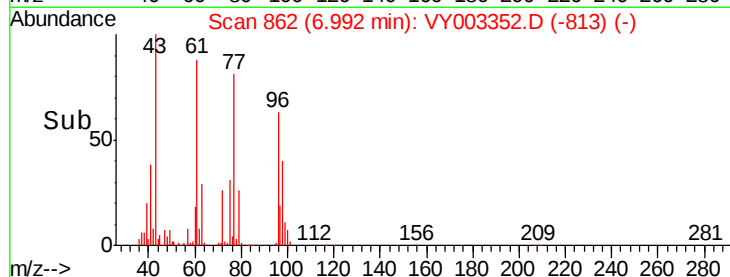
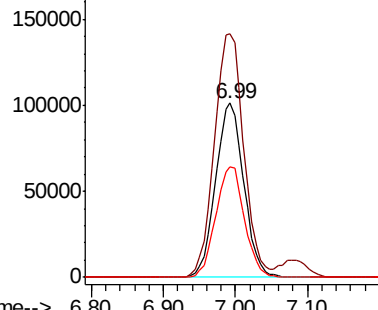
cis-1,2-Dichloroethene  
 Concen: 53.230 ug/l  
 RT: 6.99 min Scan# 862  
 Delta R.T. 0.00 min  
 Lab File: VY003352.D  
 Acq: 27 Jul 2020 13:12

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BFB

| Tot Ion | 96    | Resp  | 274843 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 96      | 100   |       |        |
| 61      | 145.2 | 0.0   | 281.2  |
| 98      | 64.2  | 0.0   | 129.8  |



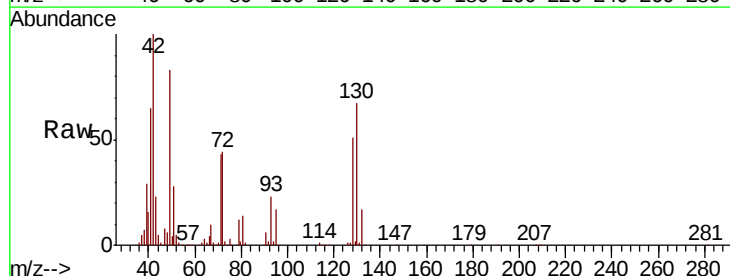
Abundance Ion 95.90 (95.60 to 96.60): VY0  
 Ion 60.90 (60.60 to 61.60): VY0  
 Ion 97.90 (97.60 to 98.60): VY0



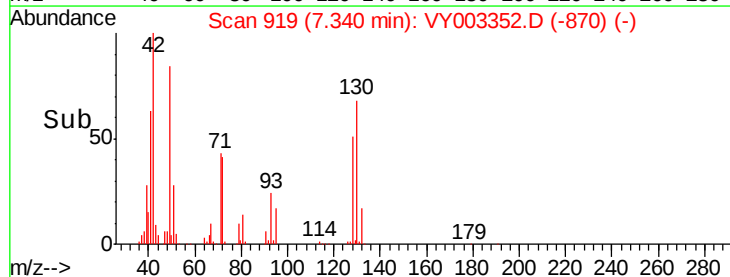
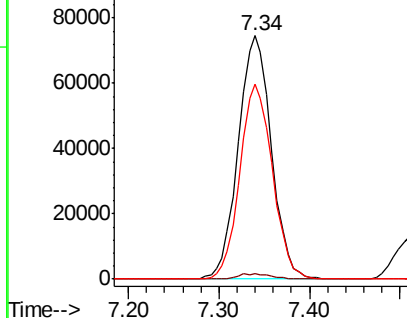
#28

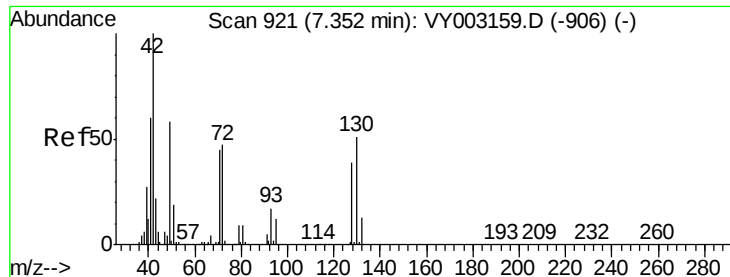
Bromochloromethane  
 Concen: 54.921 ug/l  
 RT: 7.34 min Scan# 919  
 Delta R.T. 0.00 min  
 Lab File: VY003352.D  
 Acq: 27 Jul 2020 13:12

| Tgt Ion | 49    | Resp  | 188098 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 49      | 100   |       |        |
| 129     | 2.2   | 0.0   | 5.0    |
| 130     | 79.2  | 64.9  | 97.3   |



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





#29

Tetrahydrofuran

Concen: 278.634 ug/l

RT: 7.35 min Scan# 920

Delta R.T. -0.01 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

BFB

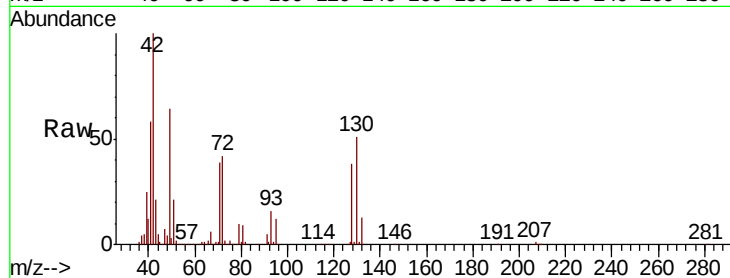
Tot Ion: 42 Resp: 288705

Ion Ratio Lower Upper

42 100

72 43.8 36.7 55.1

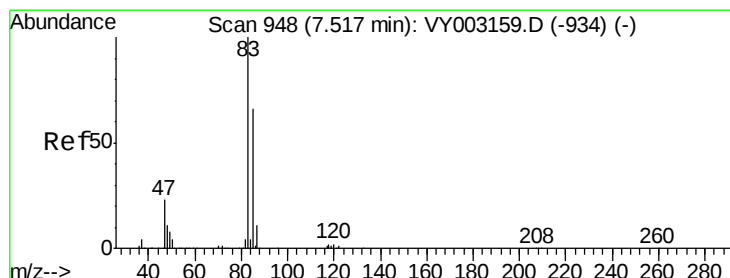
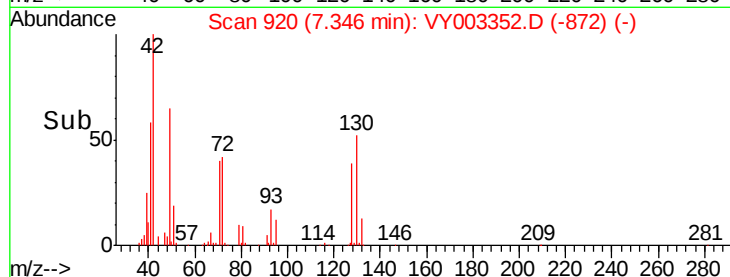
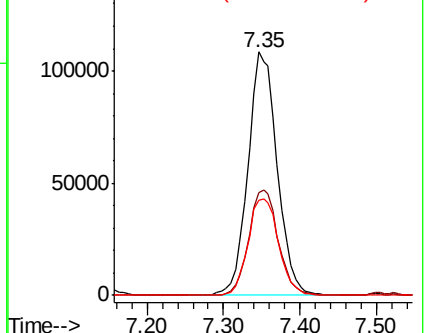
71 41.5 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 53.379 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003352.D

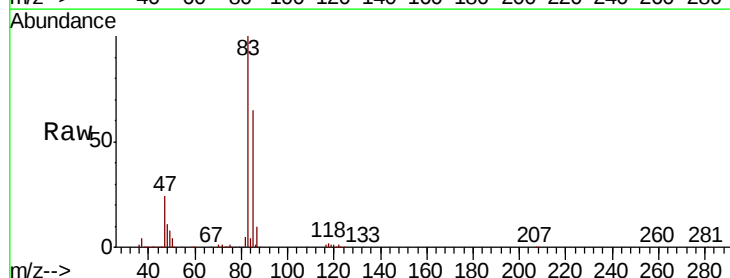
Acq: 27 Jul 2020 13:12

Tgt Ion: 83 Resp: 434894

Ion Ratio Lower Upper

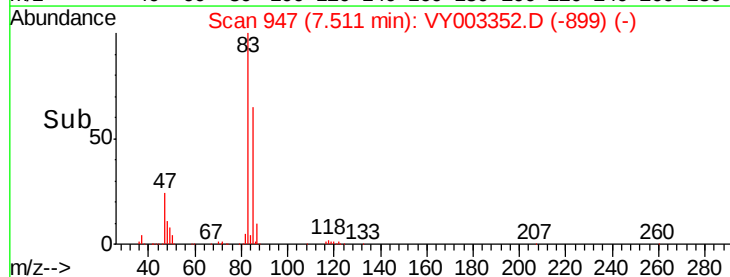
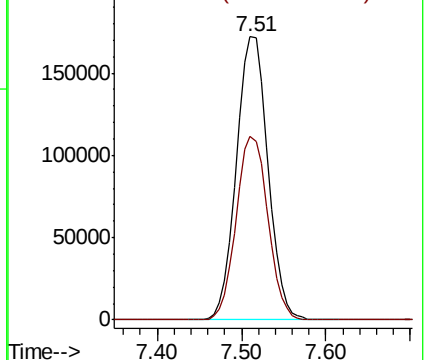
83 100

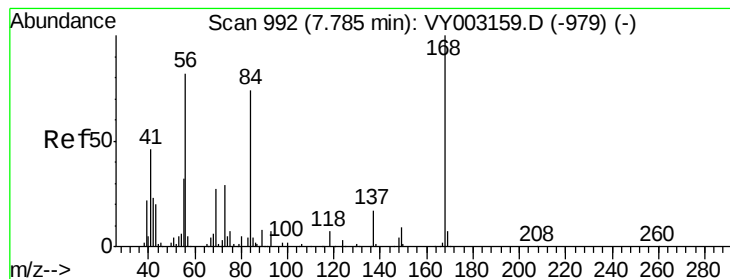
85 64.8 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 49.699 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

BFB

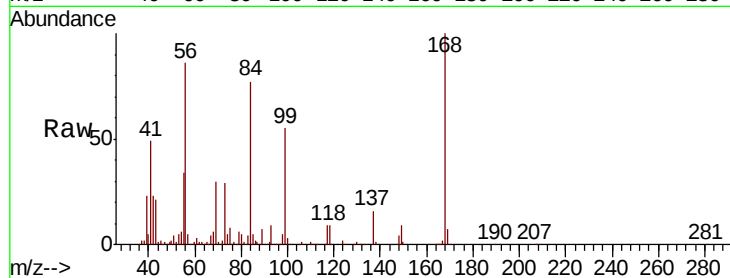
Tot Ion: 56 Resp: 380161

Ion Ratio Lower Upper

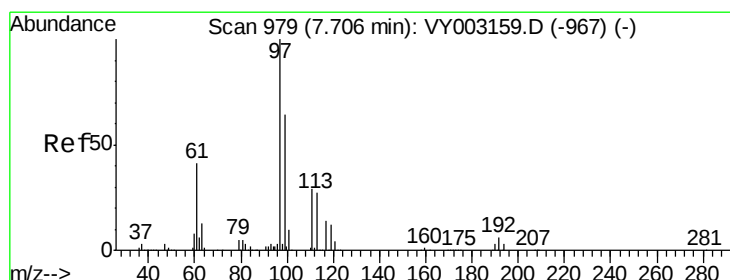
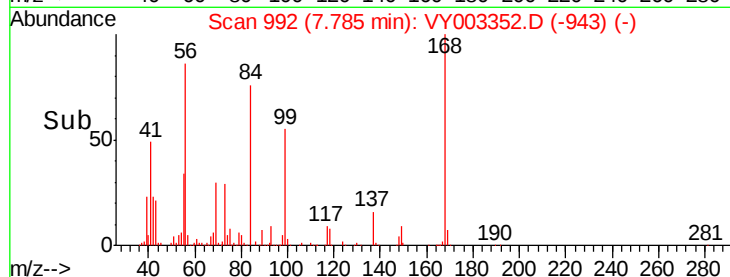
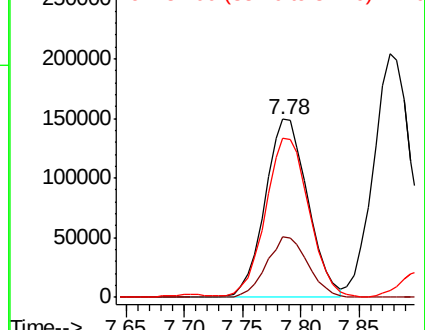
56 100

69 34.2 26.7 40.1

84 87.7 72.3 108.5



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



#32

1,1,1-Trichloroethane

Concen: 54.079 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

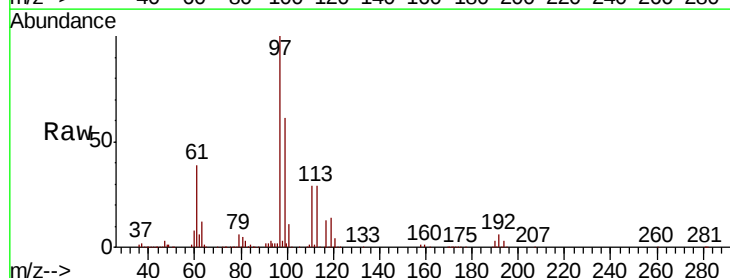
Tgt Ion: 97 Resp: 396656

Ion Ratio Lower Upper

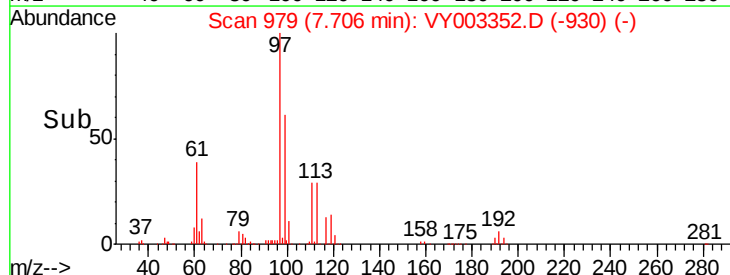
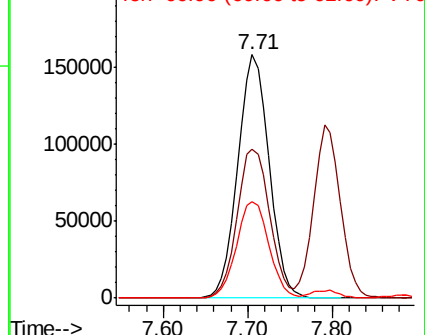
97 100

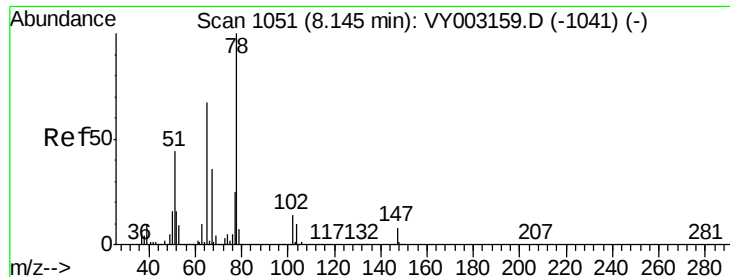
99 64.0 52.1 78.1

61 41.0 33.9 50.9



Abundance Ion 96.90 (96.60 to 97.60): VY0  
Ion 98.90 (98.60 to 99.60): VY0  
Ion 60.90 (60.60 to 61.60): VY0

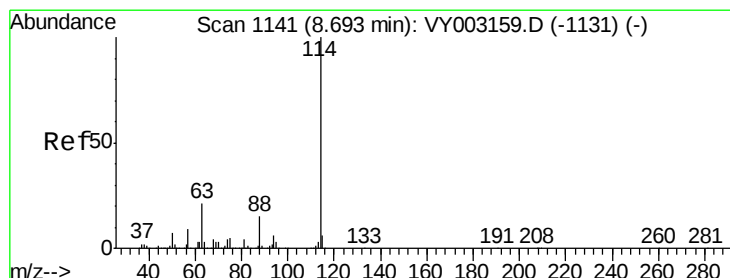
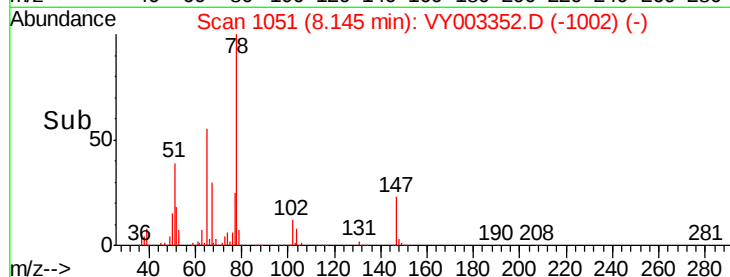
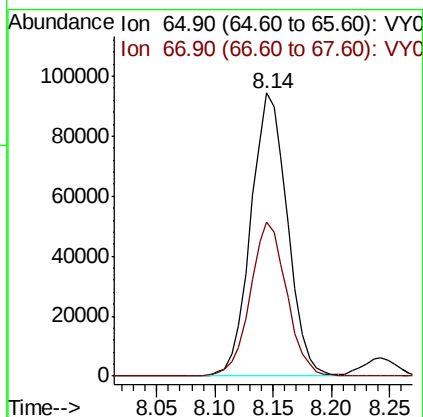
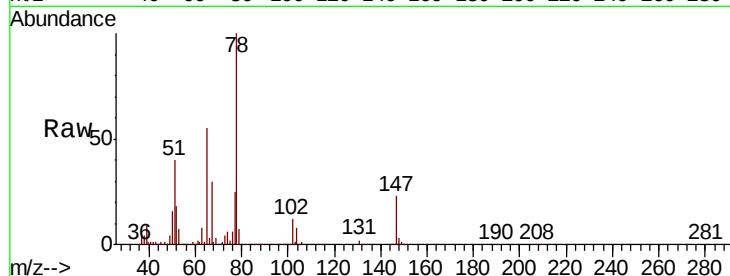




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.048 ug/l  
 RT: 8.14 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: VY003352.D  
 Acq: 27 Jul 2020 13:12

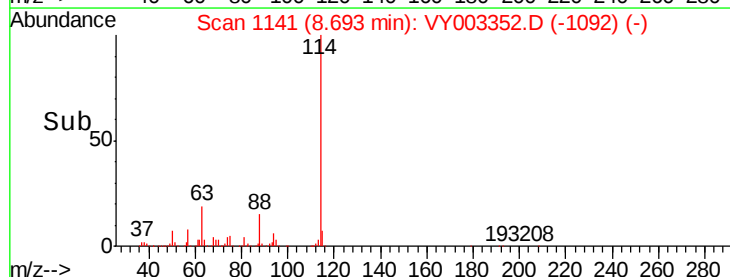
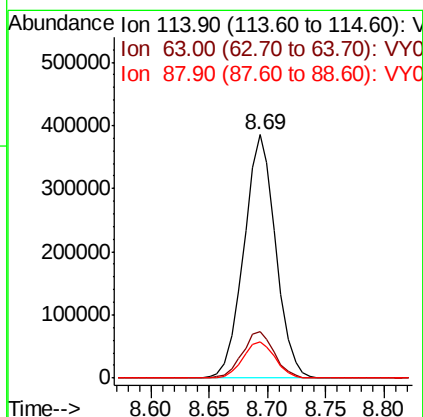
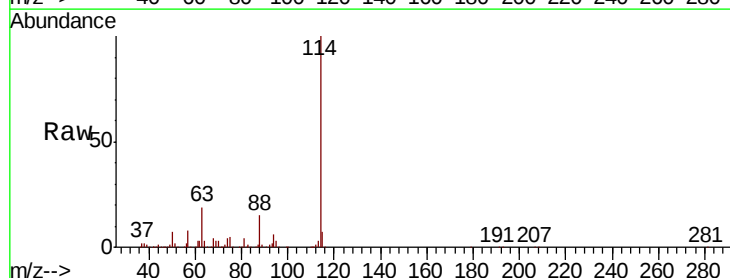
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BFB

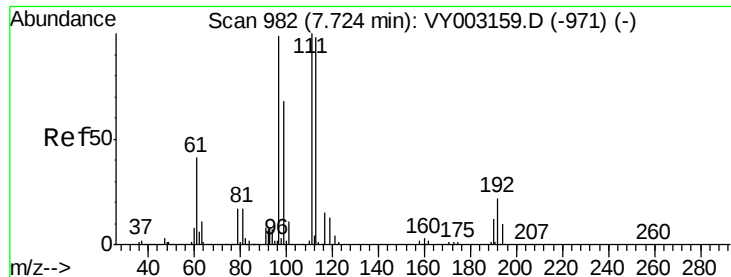
Tot Ion: 65 Resp: 206270  
 Ion Ratio Lower Upper  
 65 100  
 67 54.4 0.0 105.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1141  
 Delta R.T. 0.00 min  
 Lab File: VY003352.D  
 Acq: 27 Jul 2020 13:12

Tgt Ion: 114 Resp: 730427  
 Ion Ratio Lower Upper  
 114 100  
 63 19.2 0.0 41.2  
 88 15.0 0.0 30.2

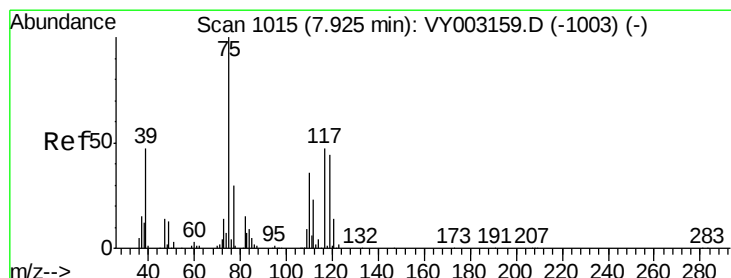
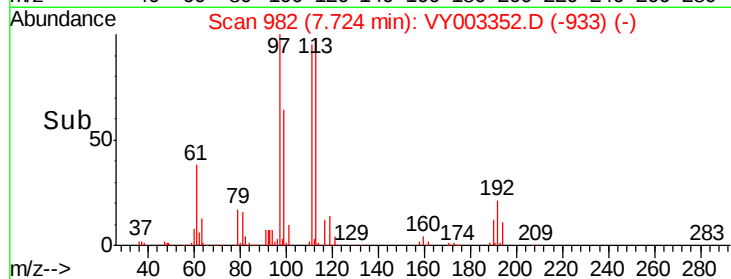
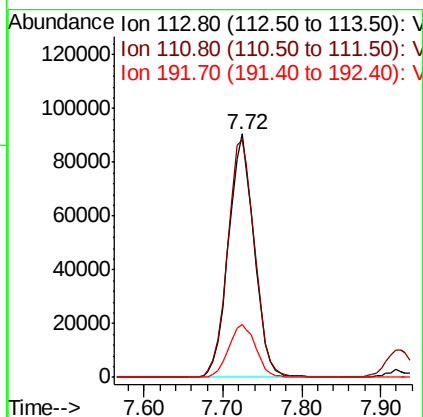
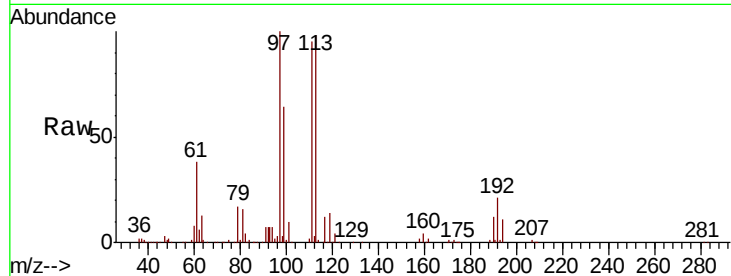




#35  
 Dibromofluoromethane  
 Concen: 48.767 ug/l  
 RT: 7.72 min Scan# 982  
 Delta R.T. 0.00 min  
 Lab File: VY003352.D  
 Acq: 27 Jul 2020 13:12

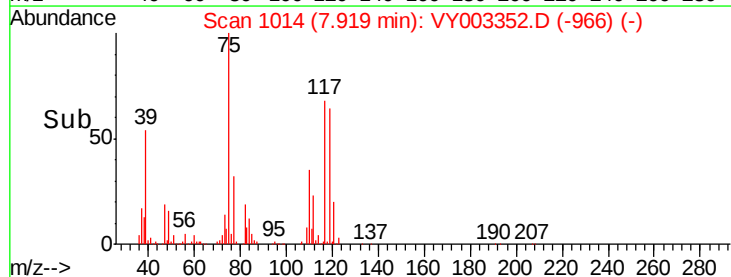
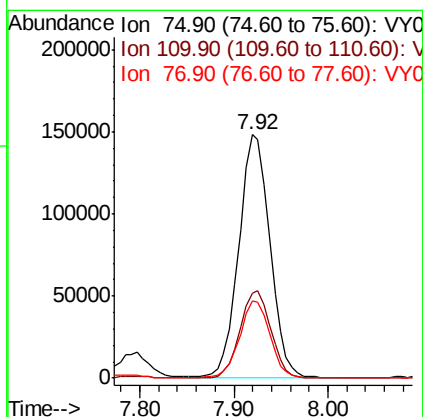
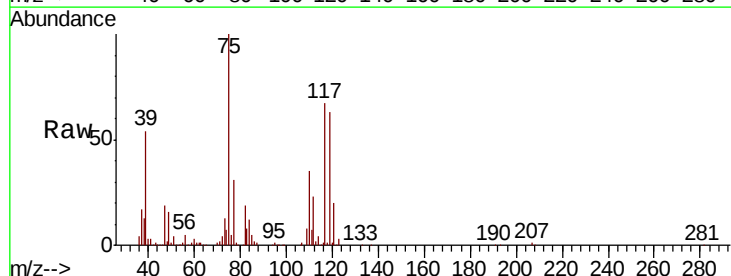
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BFB

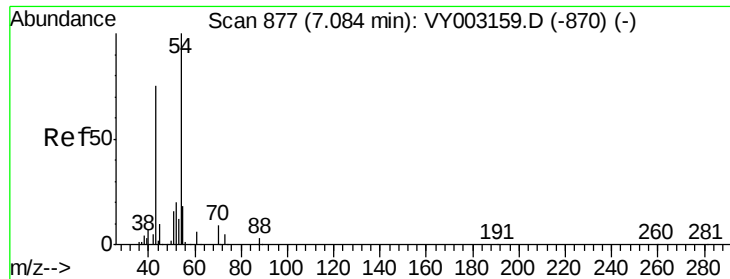
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.4 | 82.1  | 123.1 |
| 192     | 22.8  | 18.8  | 28.2  |



#36  
 1,1-Dichloropropene  
 Concen: 51.190 ug/l  
 RT: 7.92 min Scan# 1014  
 Delta R.T. -0.01 min  
 Lab File: VY003352.D  
 Acq: 27 Jul 2020 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.7  | 18.1  | 54.1  |
| 77      | 31.4  | 24.8  | 37.2  |

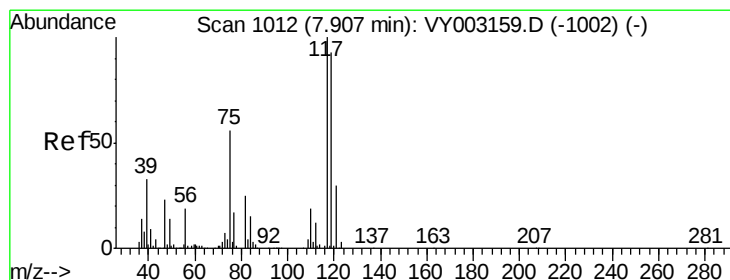
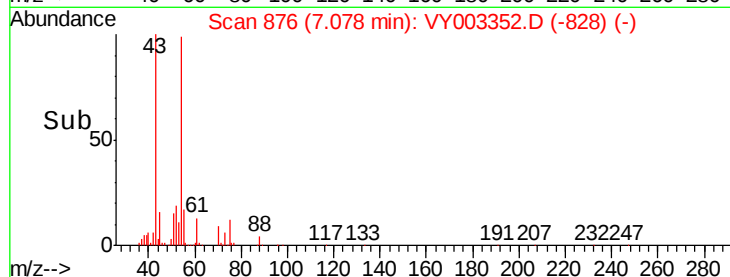
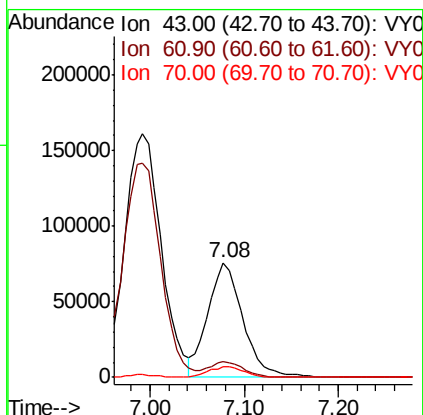
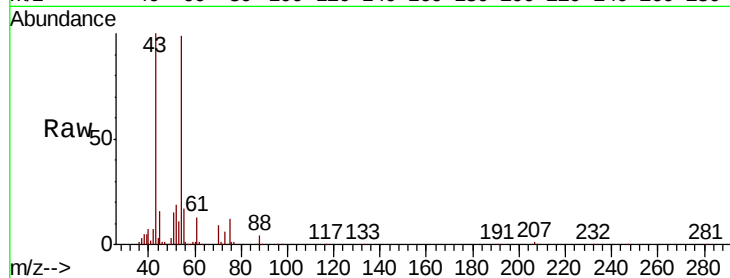




#37  
Ethyl Acetate  
Concen: 54.738 ug/l  
RT: 7.08 min Scan# 876  
Delta R.T. -0.01 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

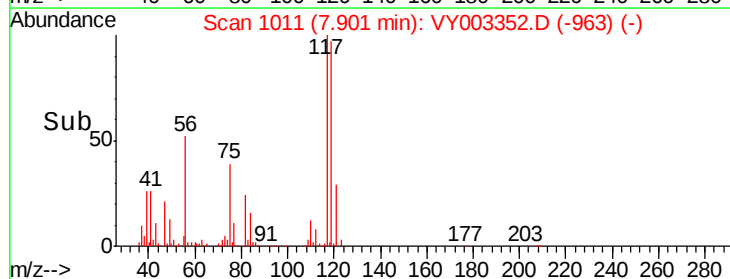
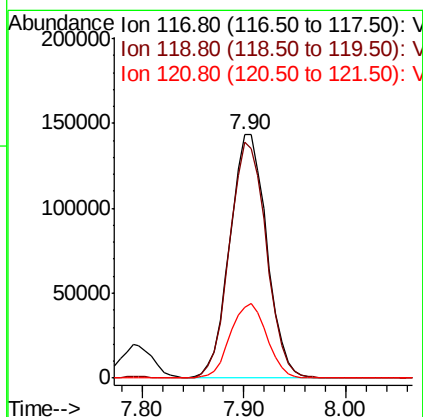
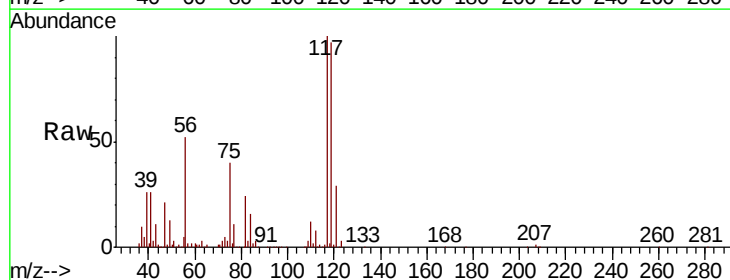
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB

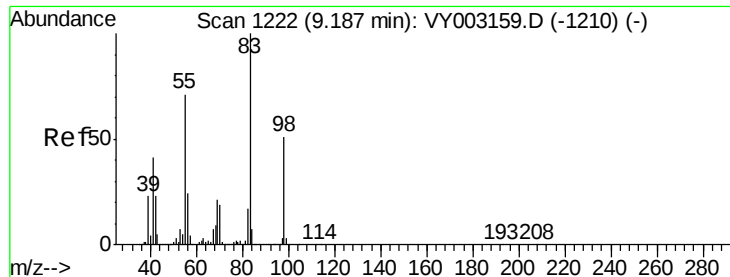
Tot Ion: 43 Resp: 195147  
Ion Ratio Lower Upper  
43 100  
61 14.0 11.8 17.6  
70 9.5 8.6 13.0



#38  
Carbon Tetrachloride  
Concen: 52.734 ug/l  
RT: 7.90 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

Tgt Ion: 117 Resp: 360402  
Ion Ratio Lower Upper  
117 100  
119 97.0 74.5 111.7  
121 29.2 24.2 36.2

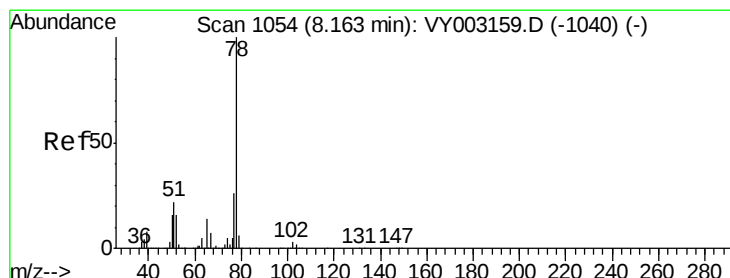
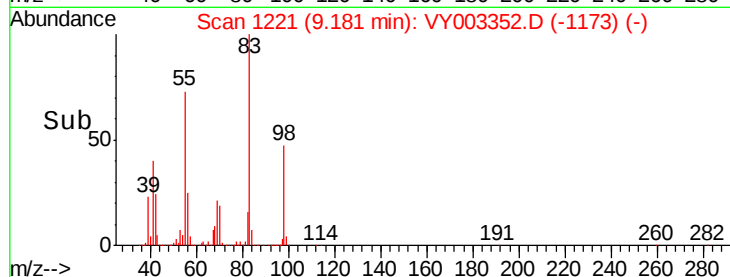
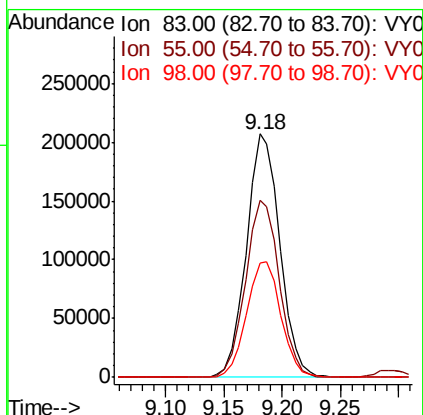
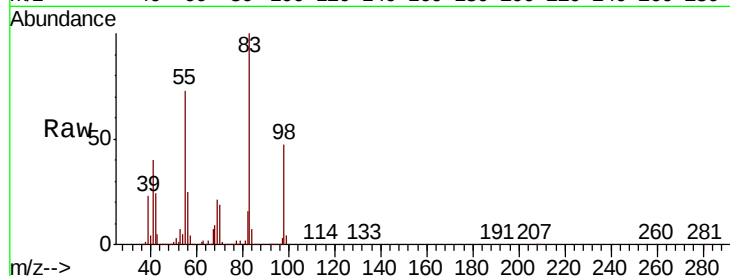




#39  
Methvlcvclohexane  
Concen: 49.692 ug/l  
RT: 9.18 min Scan# 1221  
Delta R.T. -0.01 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

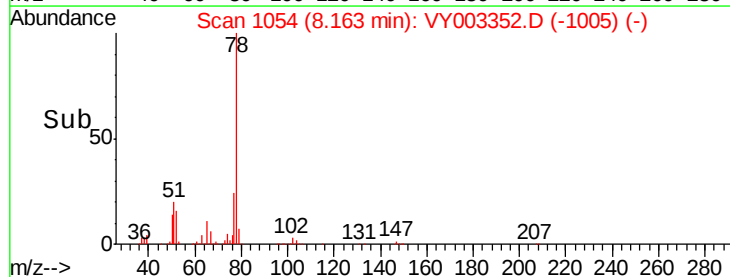
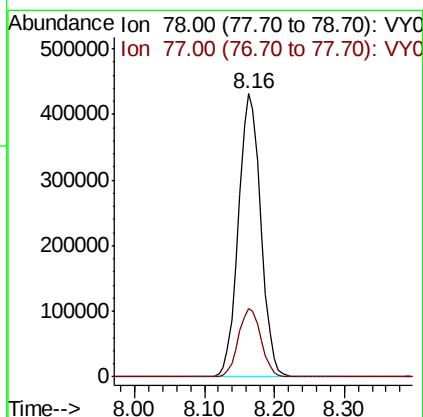
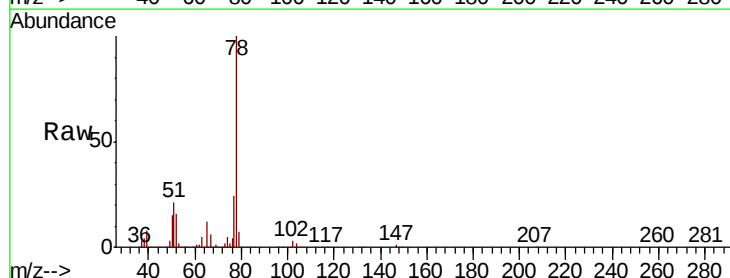
Instrument :  
MSVOA\_Y  
ClientSampled :  
BFB

Tot Ion: 83 Resp: 413253  
Ion Ratio Lower Upper  
83 100  
55 72.7 57.2 85.8  
98 47.2 41.0 61.6



#40  
Benzene  
Concen: 52.405 ug/l  
RT: 8.16 min Scan# 1054  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

Tgt Ion: 78 Resp: 955261  
Ion Ratio Lower Upper  
78 100  
77 24.4 20.7 31.1

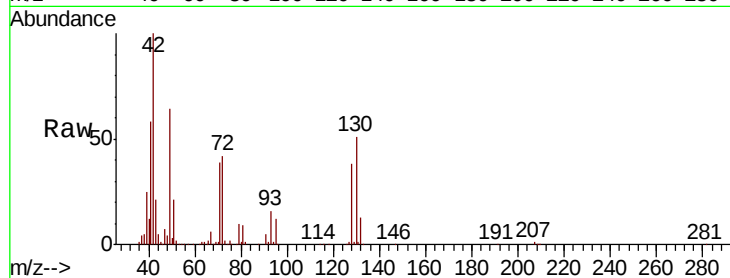




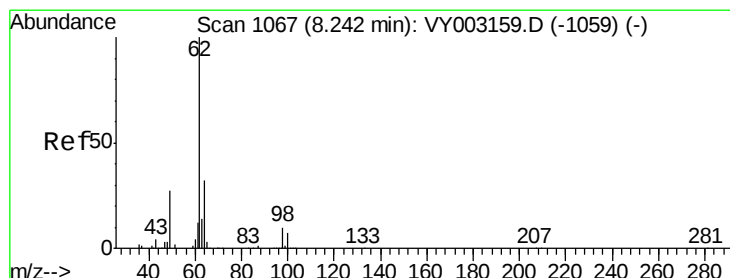
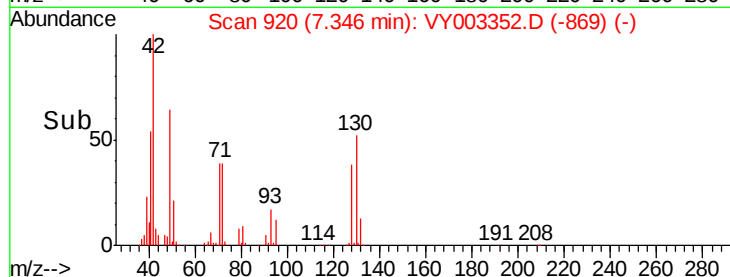
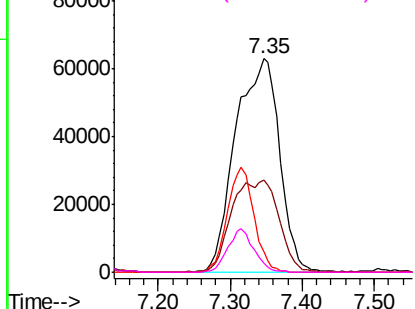
#41  
Methacrylonitrile  
Concen: 124.195 ug/l  
RT: 7.35 min Scan# 920  
Delta R.T. 0.01 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 266668 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 0.0   | 83.3  | 124.9# |
| 67       | 0.0   | 0.0   | 0.0    |
| 52       | 0.0   | 0.0   | 0.0    |

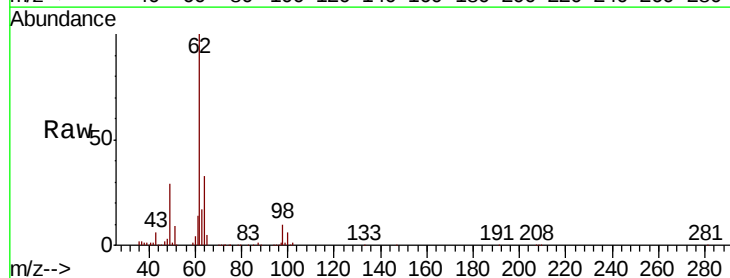


Abundance Ion 41.00 (40.70 to 41.70): VY0  
Ion 39.00 (38.70 to 39.70): VY0  
Ion 67.00 (66.70 to 67.70): VY0  
Ion 52.00 (51.70 to 52.70): VY0

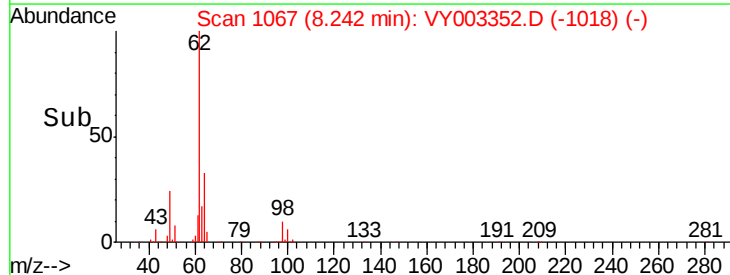
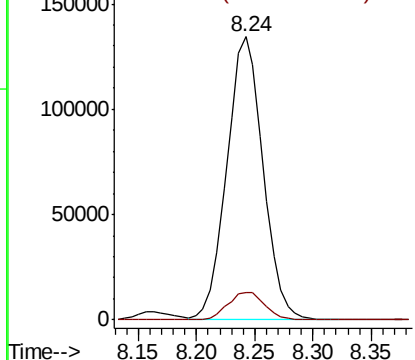


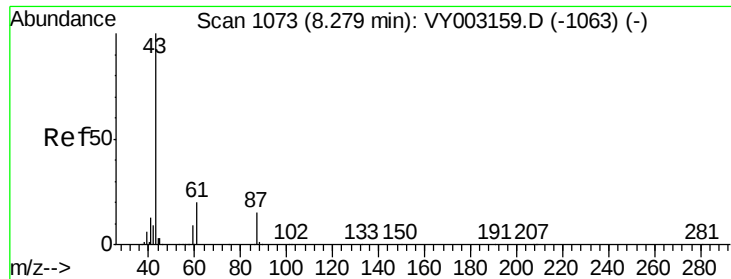
#42  
1,2-Dichloroethane  
Concen: 51.785 ug/l  
RT: 8.24 min Scan# 1067  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 290603 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.0  | 0.0   | 19.0   |



Abundance Ion 61.90 (61.60 to 62.60): VY0  
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 54.248 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

BFB

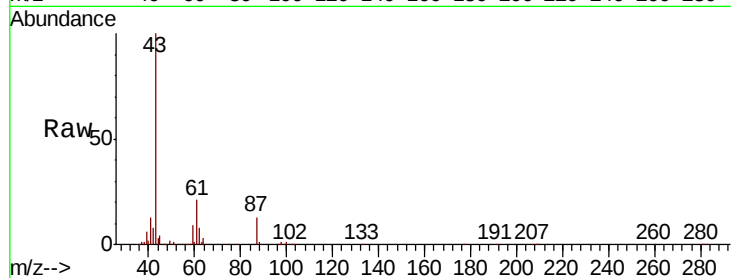
Tot Ion: 43 Resp: 374354

Ion Ratio Lower Upper

43 100

61 29.3 23.7 35.5

87 13.1 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VY003352.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY003352.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY003352.D (-1063) (-)

200000

150000

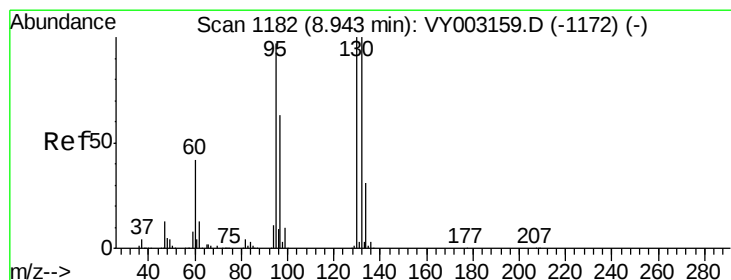
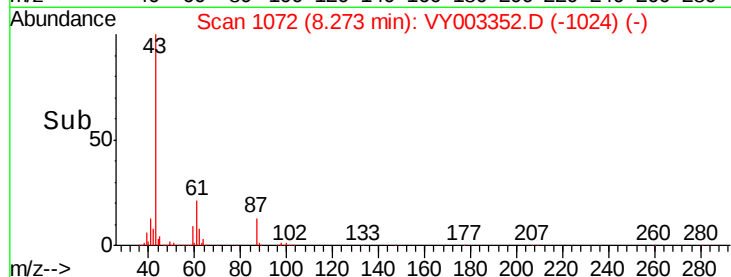
100000

50000

0

8.20 8.30 8.40

Time-->



#44

Trichloroethene

Concen: 50.002 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003352.D

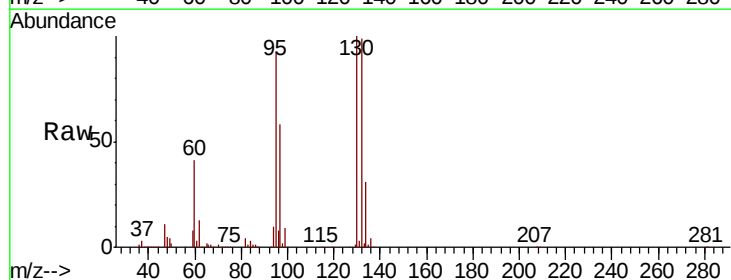
Acq: 27 Jul 2020 13:12

Tgt Ion:130 Resp: 279407

Ion Ratio Lower Upper

130 100

95 92.7 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VY003352.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY003352.D (-1172) (-)

150000

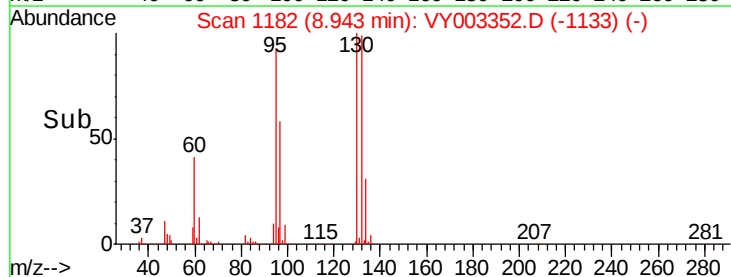
100000

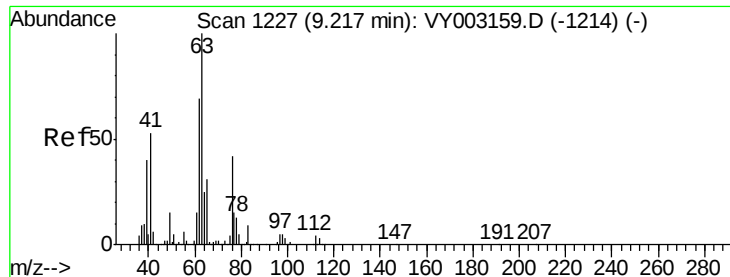
50000

0

8.85 8.90 8.95 9.00 9.05

Time-->





#45

1,2-Dichloropropane

Concen: 54.326 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

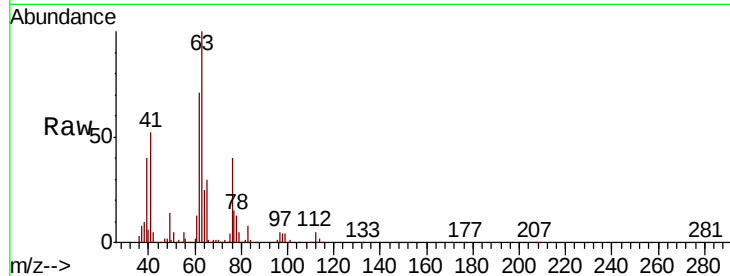
BFB

Tot Ion: 63 Resp: 256237

Ion Ratio Lower Upper

63 100

65 30.1 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

150000

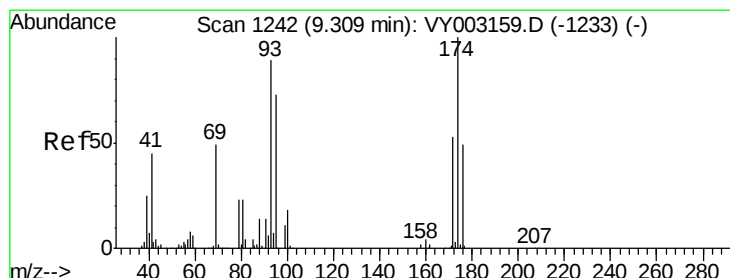
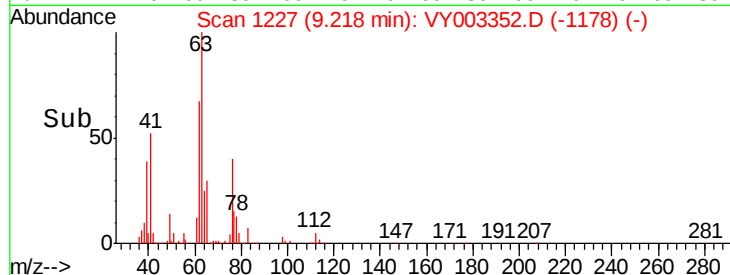
100000

50000

0

9.10 9.20 9.30

Time-->



#46

Dibromomethane

Concen: 50.690 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

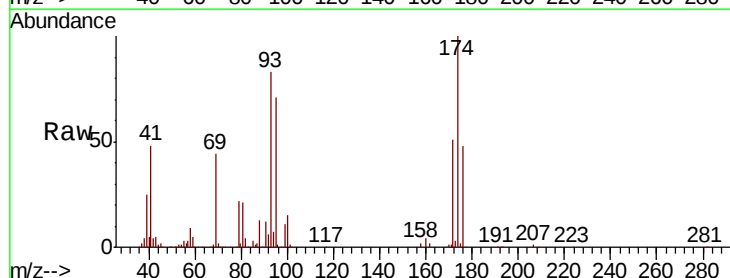
Tgt Ion: 93 Resp: 139643

Ion Ratio Lower Upper

93 100

95 84.7 66.6 99.8

174 115.0 90.2 135.4



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

60000

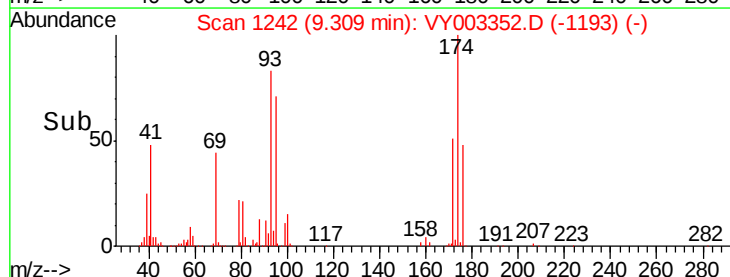
40000

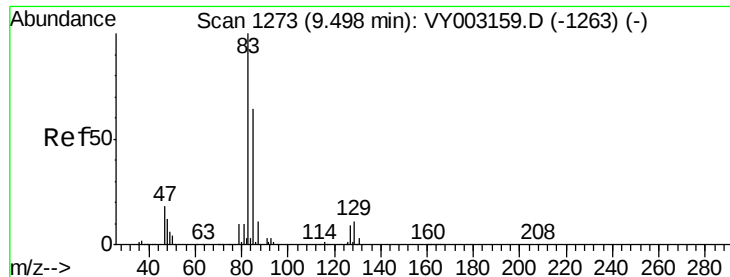
20000

0

9.20 9.25 9.30 9.35 9.40

Time-->





#47

Bromodichloromethane

Concen: 53.647 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

BFB

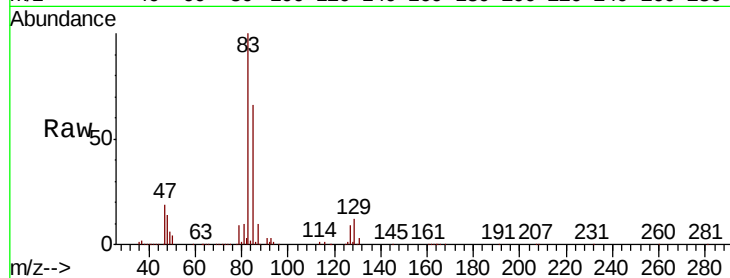
Tot Ion: 83 Resp: 351491

Ion Ratio Lower Upper

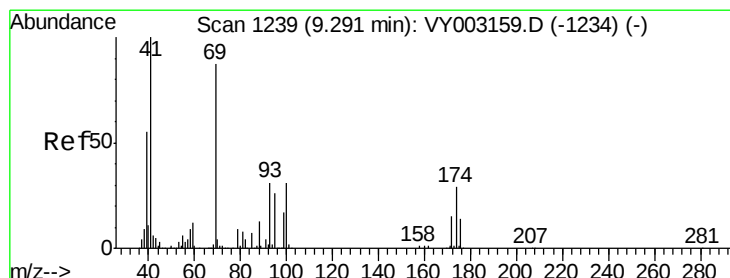
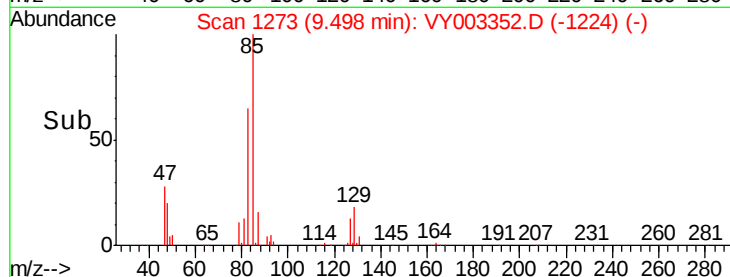
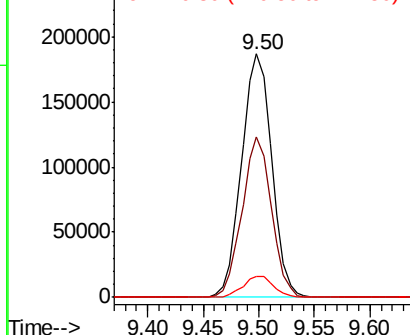
83 100

85 65.9 50.9 76.3

127 8.6 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VY0  
Ion 84.90 (84.60 to 85.60): VY0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.088 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

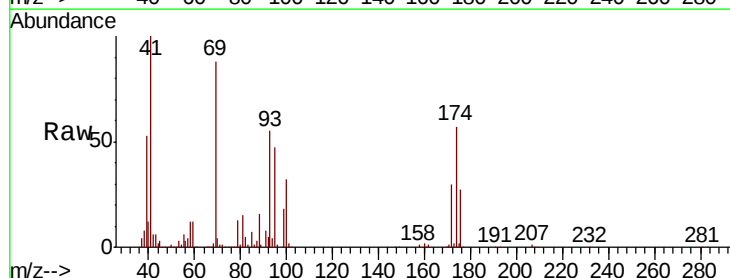
Tgt Ion: 41 Resp: 169948

Ion Ratio Lower Upper

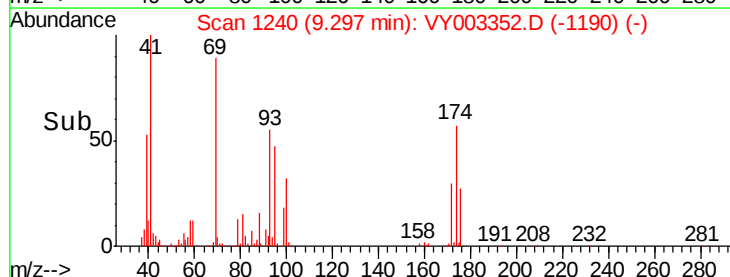
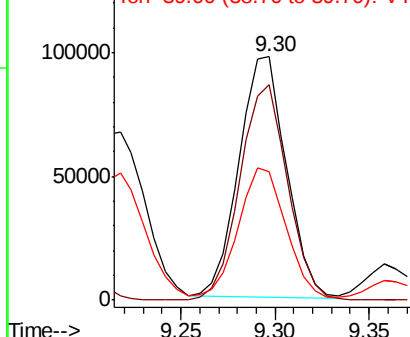
41 100

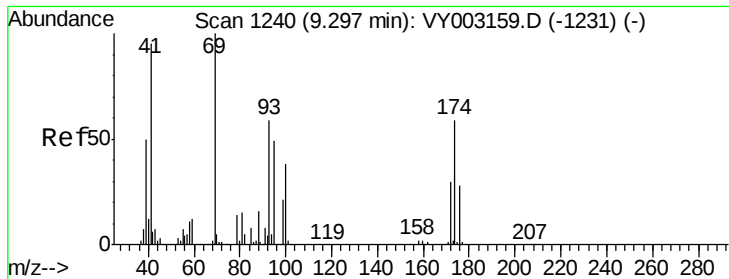
69 90.4 74.5 111.7

39 56.3 47.5 71.3



Abundance Ion 41.00 (40.70 to 41.70): VY0  
Ion 69.00 (68.70 to 69.70): VY0  
Ion 39.00 (38.70 to 39.70): VY0

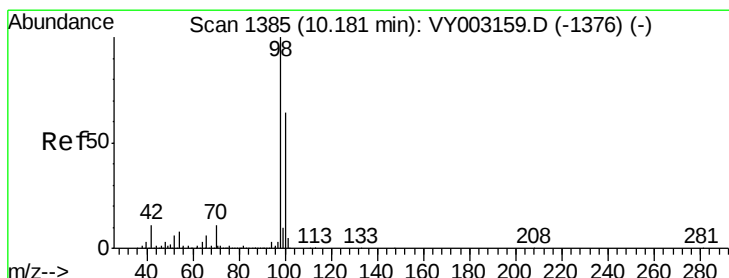
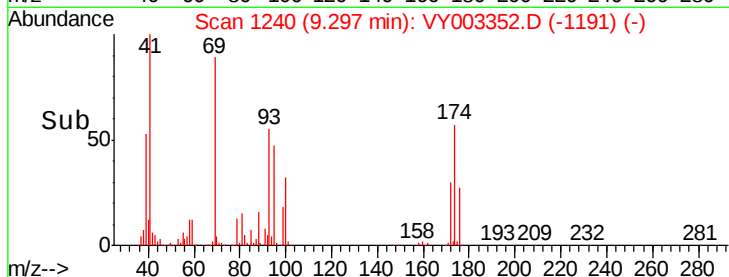
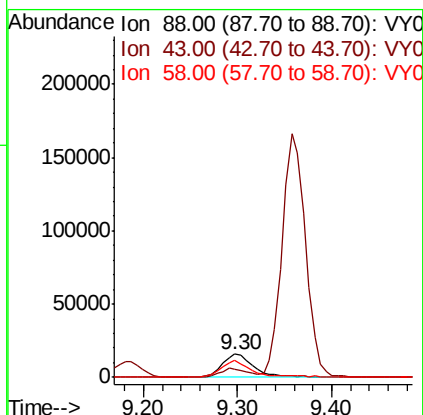
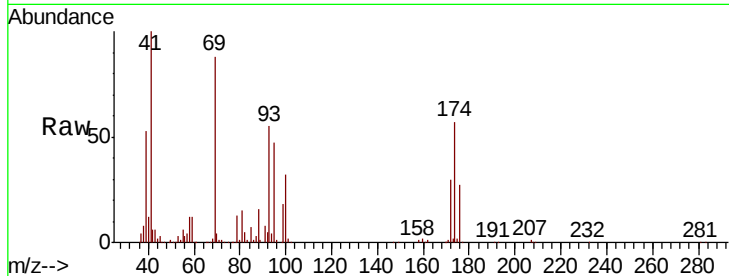




#49  
1,4-Dioxane  
Concen: 1063.488 ug/l  
RT: 9.30 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

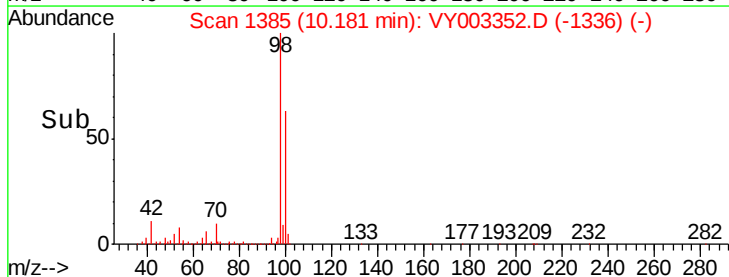
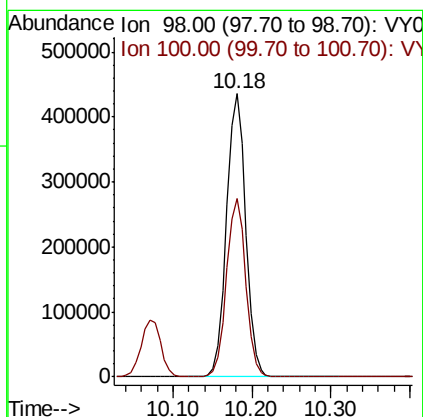
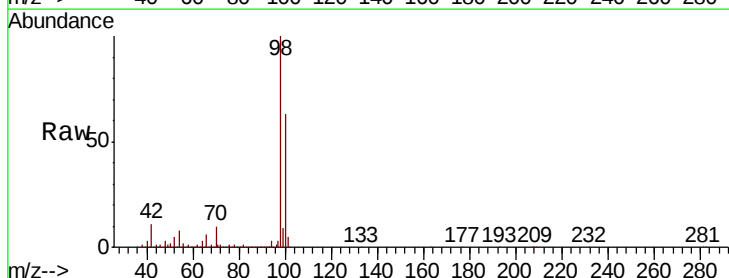
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB

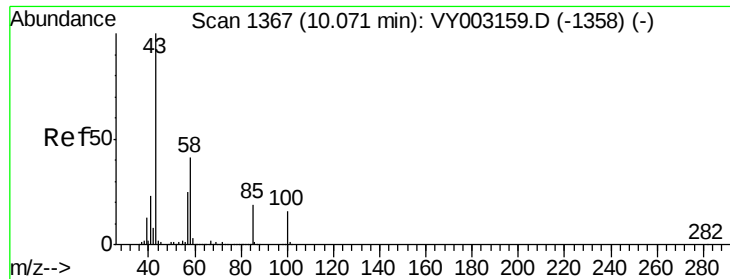
Tot Ion: 88 Resp: 37183  
Ion Ratio Lower Upper  
88 100  
43 32.6 25.6 38.4  
58 65.5 47.8 71.6



#50  
Toluene-d8  
Concen: 47.130 ug/l  
RT: 10.18 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

Tgt Ion: 98 Resp: 736525  
Ion Ratio Lower Upper  
98 100  
100 63.0 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 272.980 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampled :

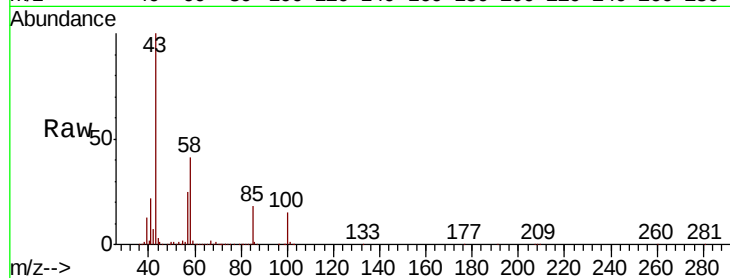
BFB

Tot Ion: 43 Resp: 979127

Ion Ratio Lower Upper

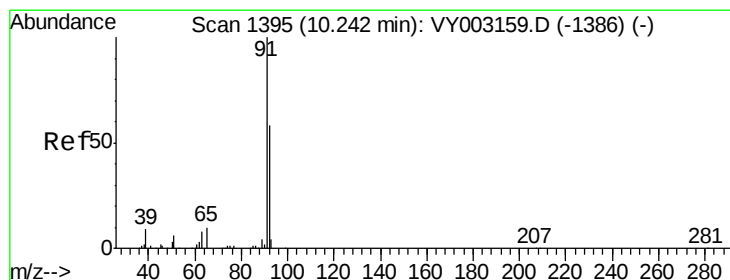
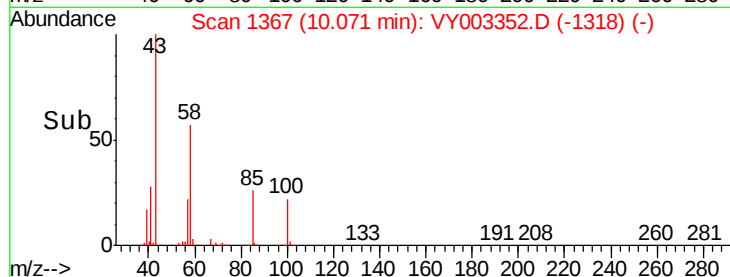
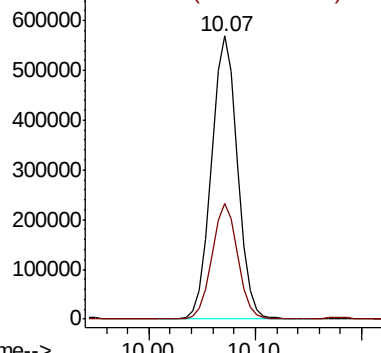
43 100

58 40.2 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 52.106 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003352.D

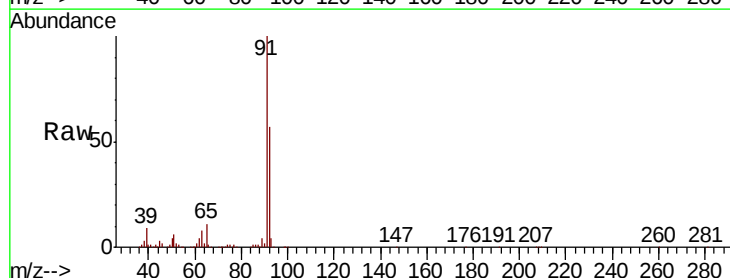
Acq: 27 Jul 2020 13:12

Tgt Ion: 92 Resp: 607081

Ion Ratio Lower Upper

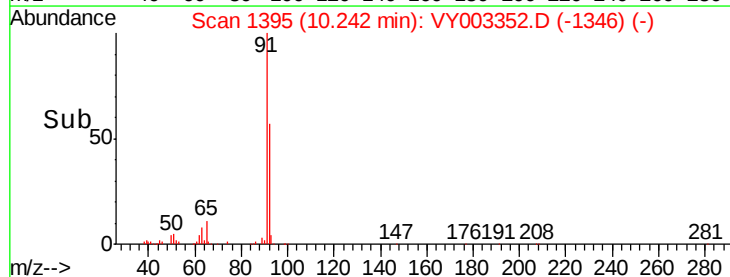
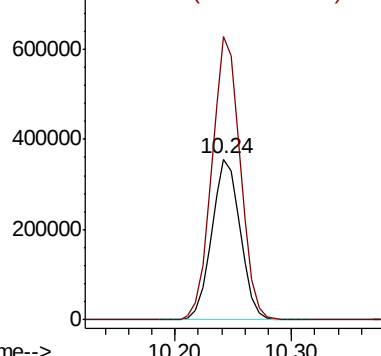
92 100

91 175.7 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 54.289 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampled :

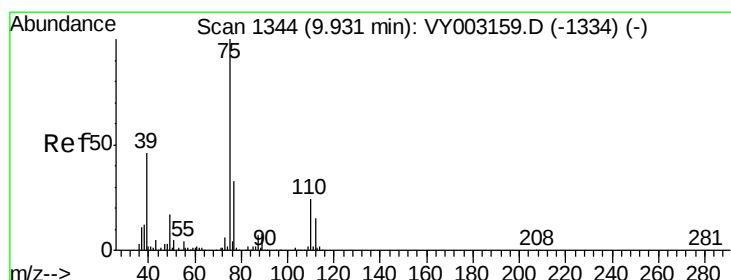
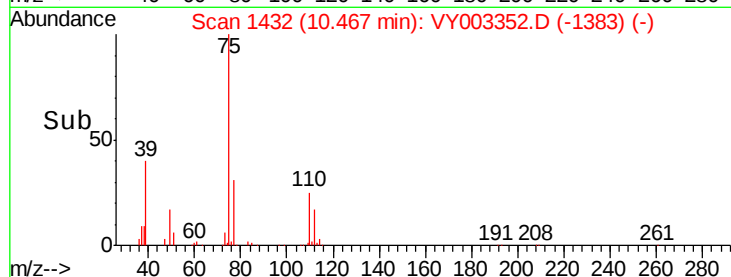
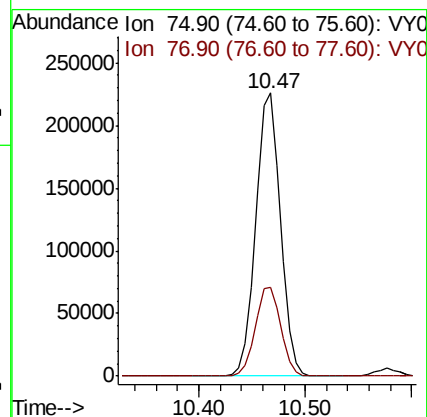
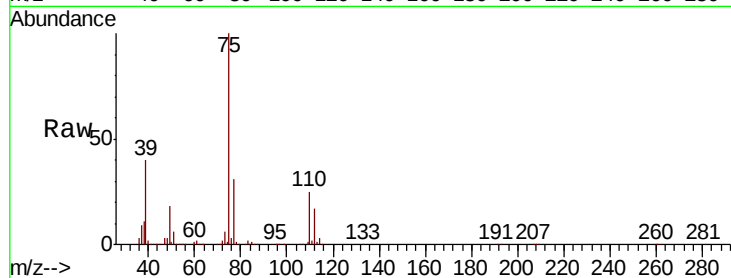
BFB

Tot Ion: 75 Resp: 368532

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 53.866 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

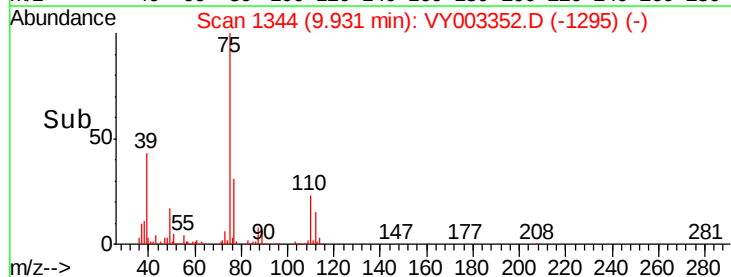
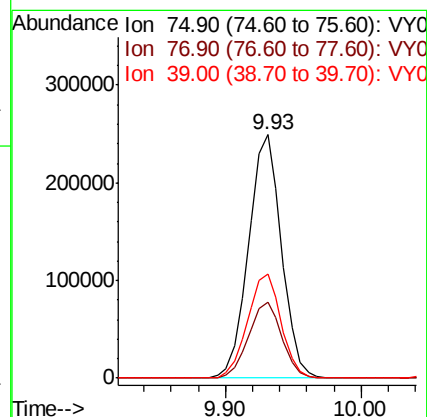
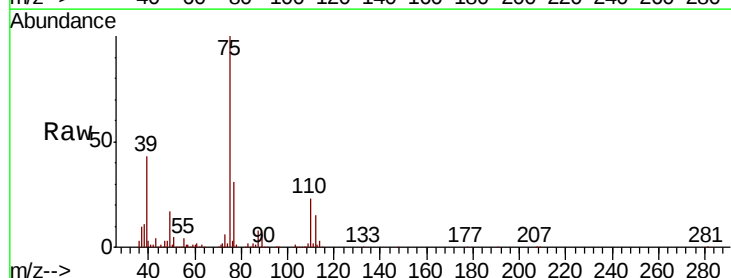
Tgt Ion: 75 Resp: 421312

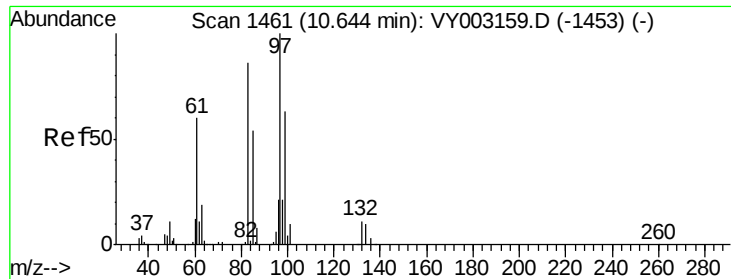
Ion Ratio Lower Upper

75 100

77 31.1 26.7 40.1

39 42.9 37.0 55.6





#55

1,1,2-Trichloroethane

Concen: 51.623 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

BFB

Tot Ion: 97 Resp: 201519

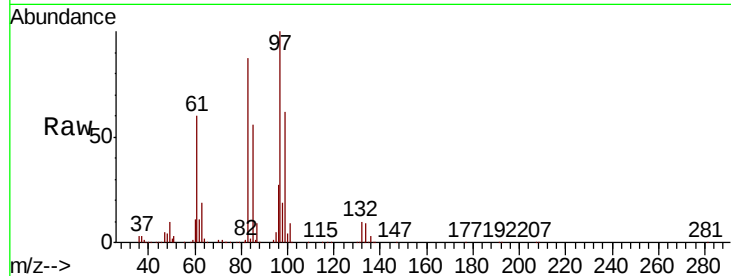
Ion Ratio Lower Upper

97 100

83 86.8 68.8 103.2

85 56.1 43.1 64.7

99 61.9 50.8 76.2

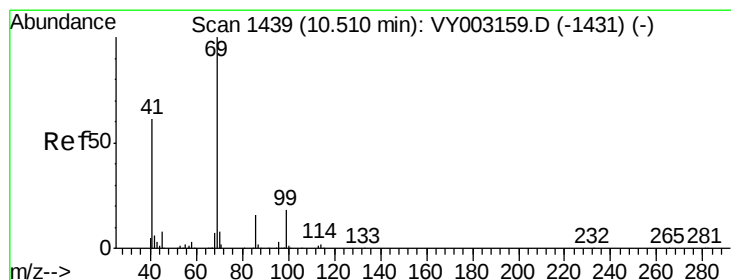
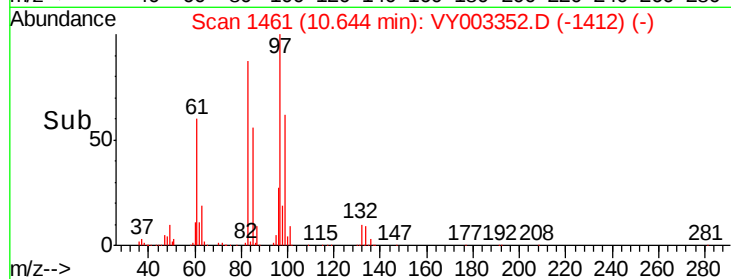
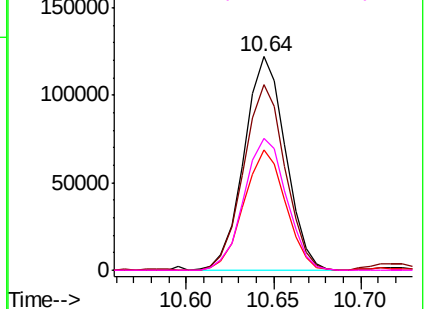


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 54.172 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

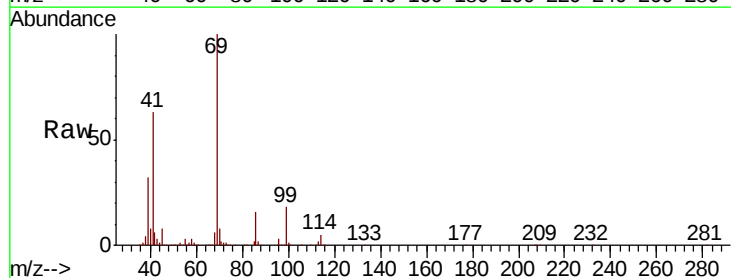
Tgt Ion: 69 Resp: 287504

Ion Ratio Lower Upper

69 100

41 64.8 50.0 75.0

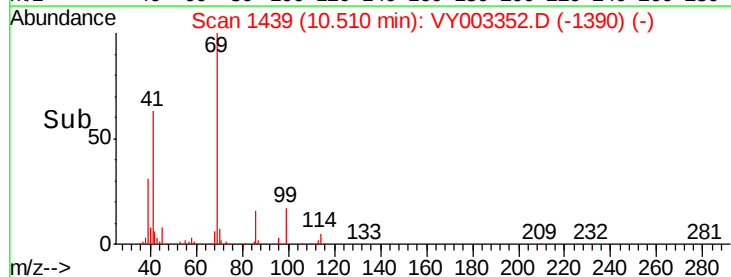
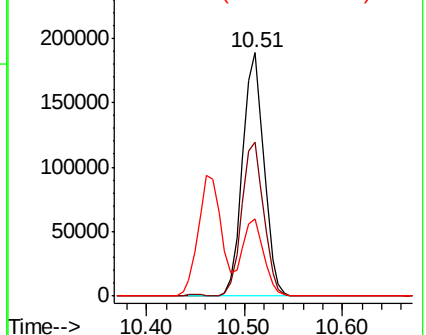
39 32.4 27.6 41.4

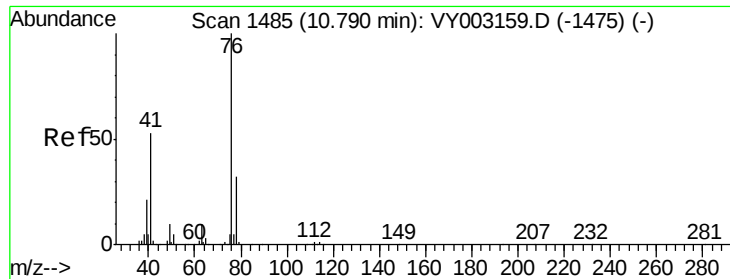


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 52.995 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

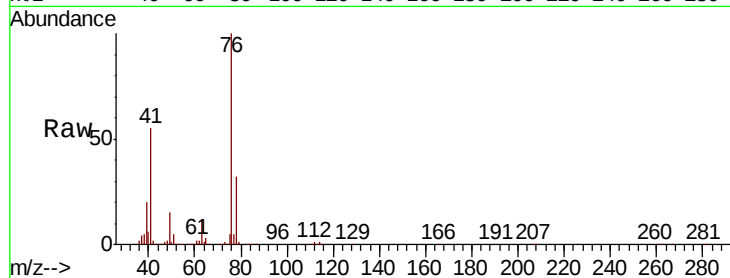
BFB

Tot Ion: 76 Resp: 350774

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

250000

200000

150000

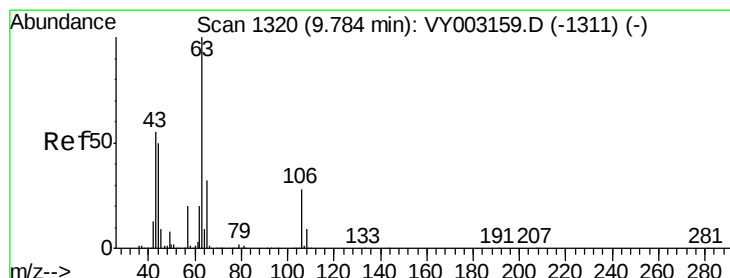
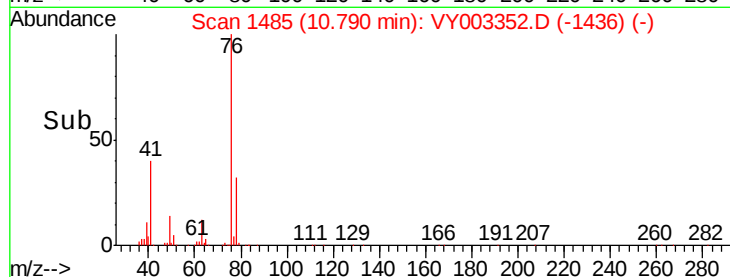
100000

50000

0

10.70 10.80 10.90

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 265.497 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003352.D

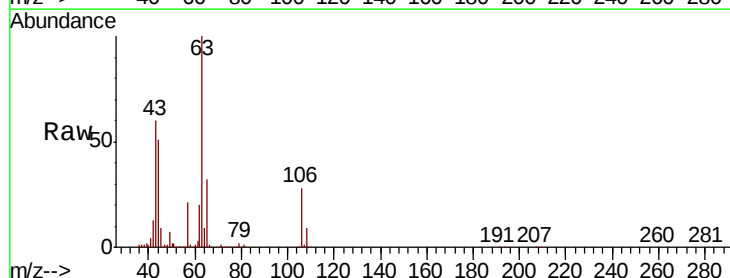
Acq: 27 Jul 2020 13:12

Tgt Ion: 63 Resp: 718614

Ion Ratio Lower Upper

63 100

106 27.8 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

500000

400000

300000

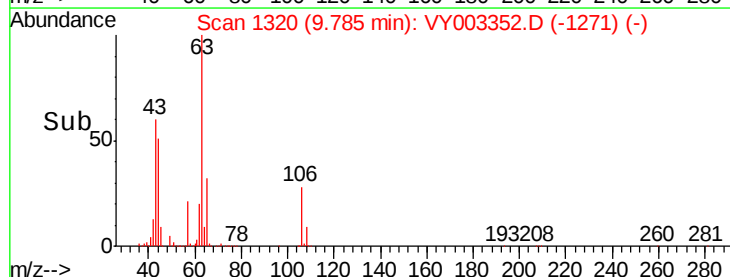
200000

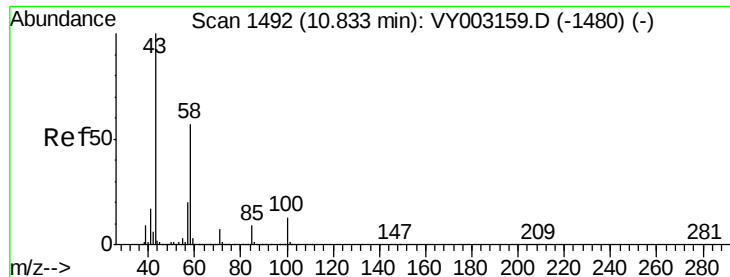
100000

0

9.70 9.80 9.90

Time-->

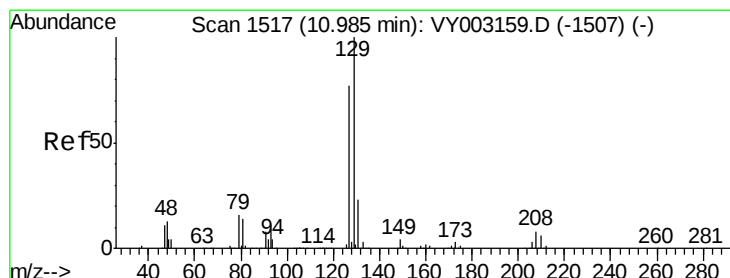
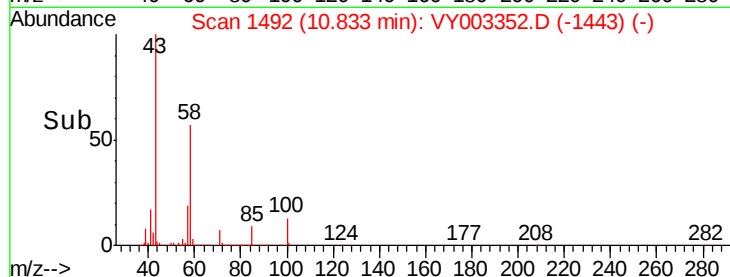
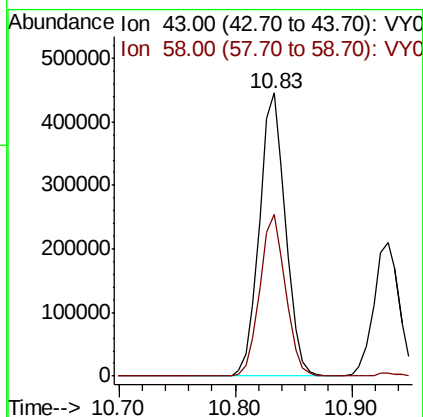
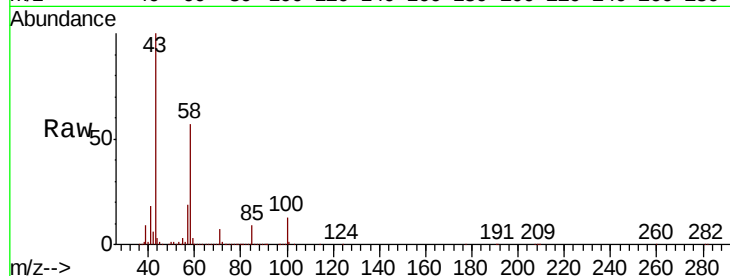




#59  
2-Hexanone  
Concen: 276.005 ug/l  
RT: 10.83 min Scan# 1492  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

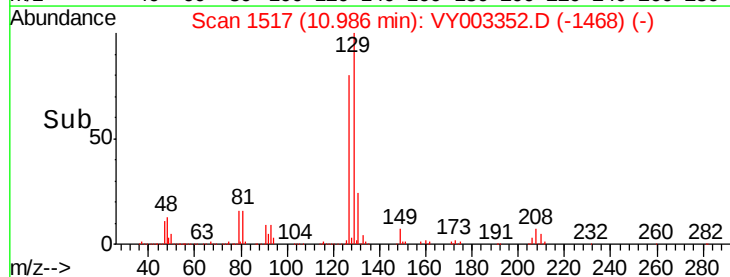
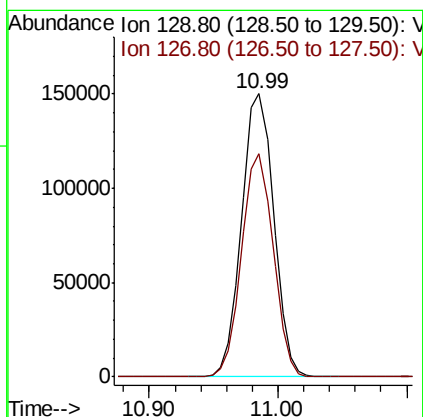
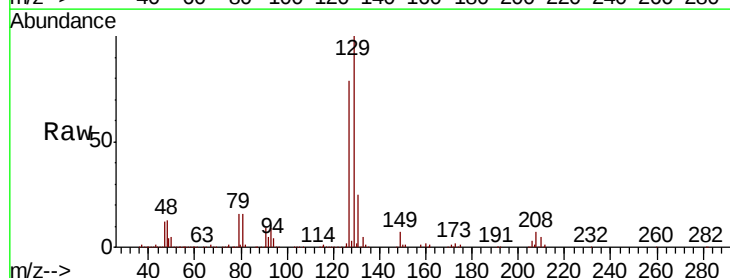
Instrument :  
MSVOA\_Y  
ClientSampled :  
BFB

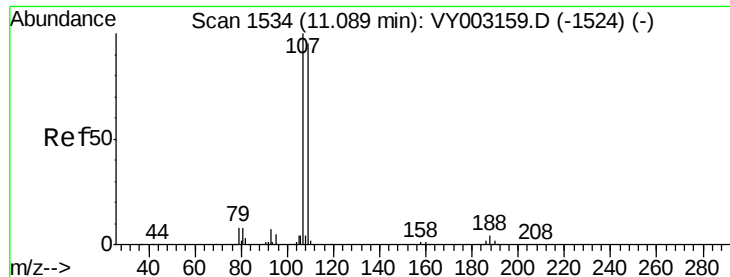
Tot Ion: 43 Resp: 691076  
Ion Ratio Lower Upper  
43 100  
58 56.4 28.3 85.0



#60  
Dibromochloromethane  
Concen: 52.845 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

Tgt Ion: 129 Resp: 259464  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.5 115.5

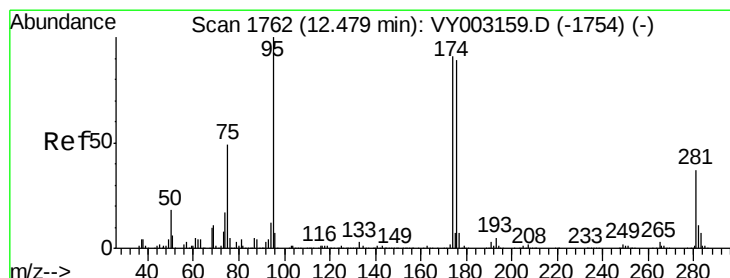
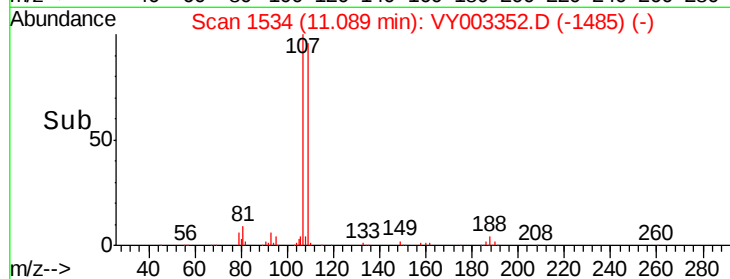
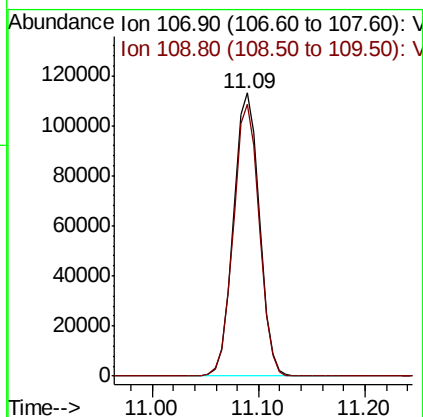
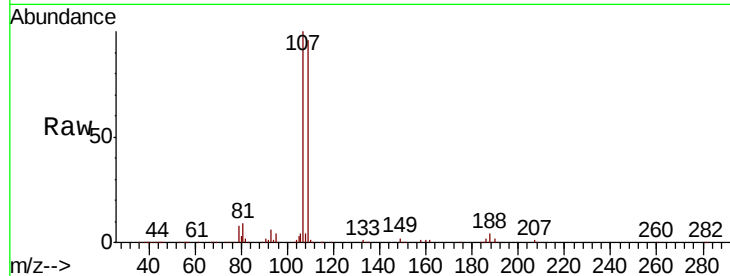




#61  
 1,2-Dibromoethane  
 Concen: 50.275 ug/l  
 RT: 11.09 min Scan# 1534  
 Delta R.T. 0.00 min  
 Lab File: VY003352.D  
 Acq: 27 Jul 2020 13:12

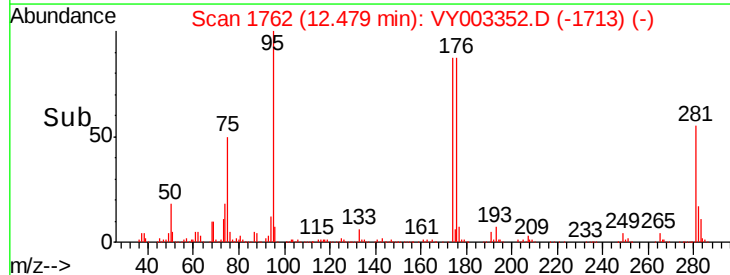
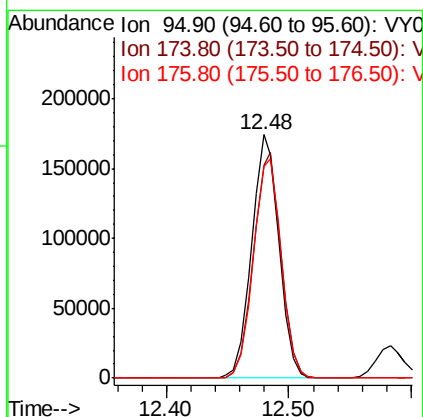
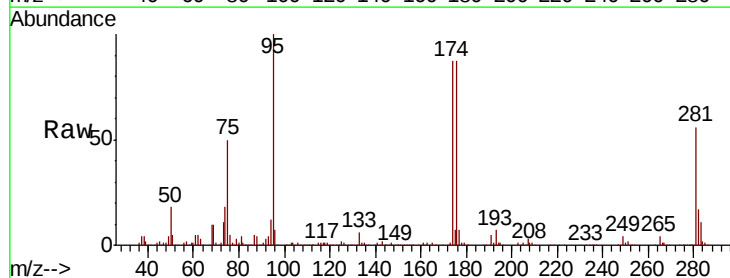
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BFB

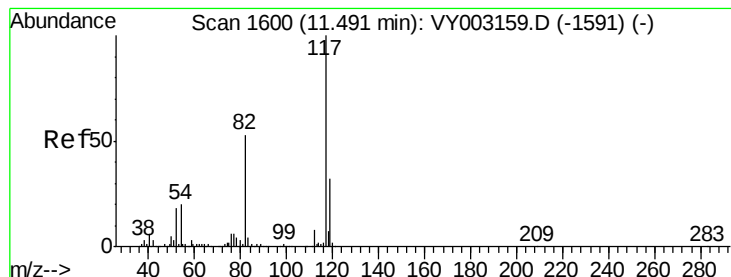
Tot Ion: 107 Resp: 193701  
 Ion Ratio Lower Upper  
 107 100  
 109 95.7 75.6 113.4



#62  
 4-Bromofluorobenzene  
 Concen: 47.995 ug/l  
 RT: 12.48 min Scan# 1762  
 Delta R.T. 0.00 min  
 Lab File: VY003352.D  
 Acq: 27 Jul 2020 13:12

Tgt Ion: 95 Resp: 270963  
 Ion Ratio Lower Upper  
 95 100  
 174 93.0 0.0 190.6  
 176 92.0 0.0 186.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

BFB

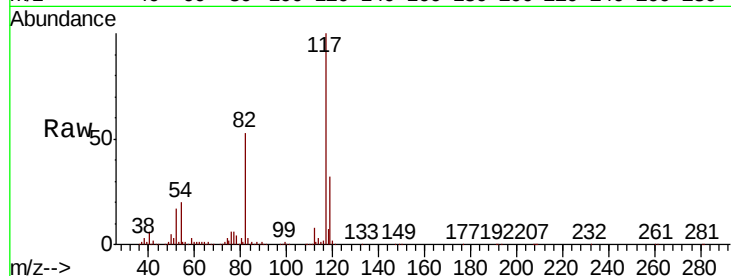
Tot Ion:117 Resp: 657204

Ion Ratio Lower Upper

117 100

82 53.5 42.0 63.0

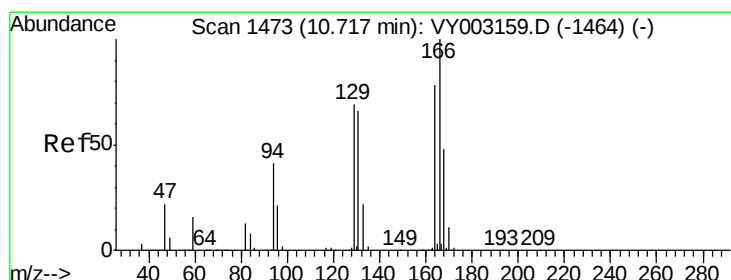
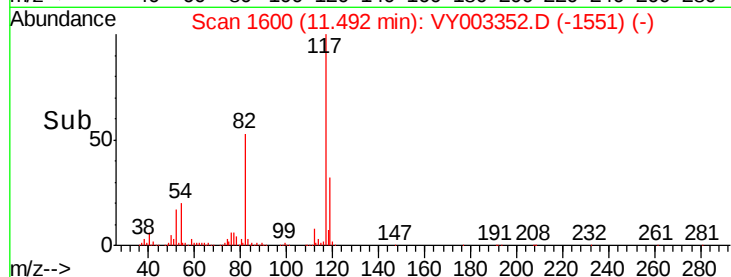
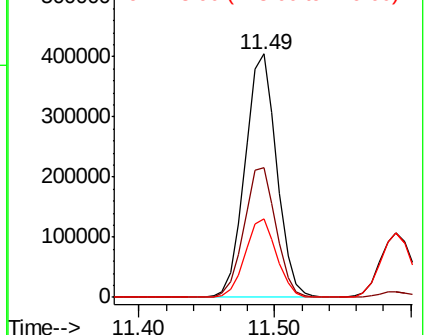
119 32.1 25.5 38.3



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



#64

Tetrachloroethene

Concen: 47.154 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Tgt Ion:164 Resp: 276318

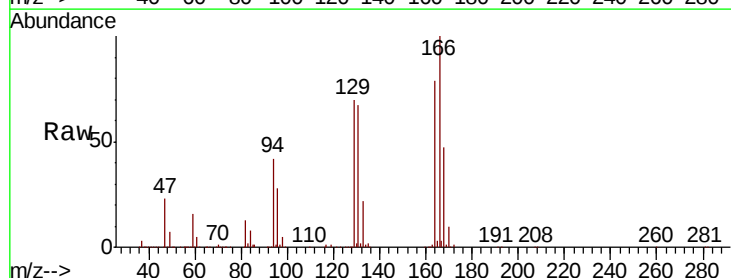
Ion Ratio Lower Upper

164 100

166 126.8 102.9 154.3

129 89.3 71.4 107.2

131 85.5 68.1 102.1

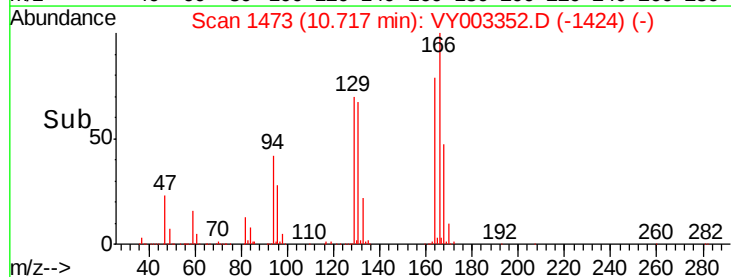
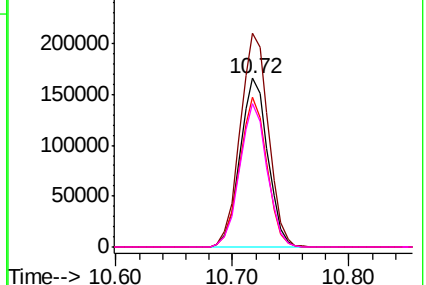


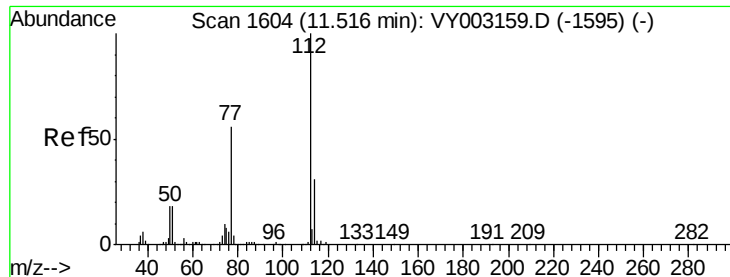
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

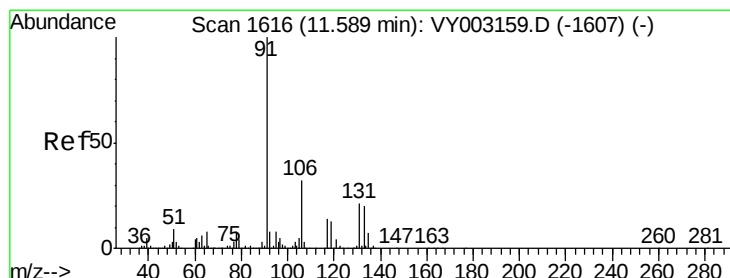
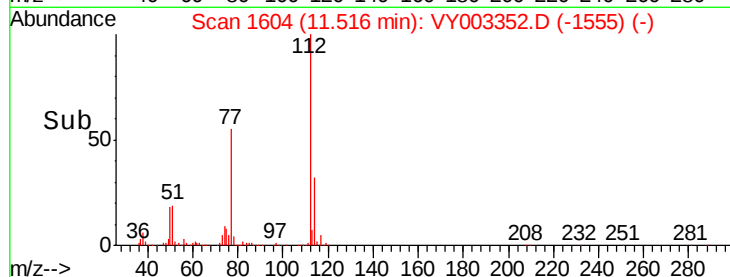
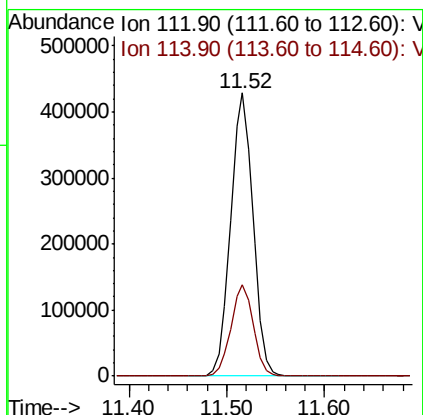
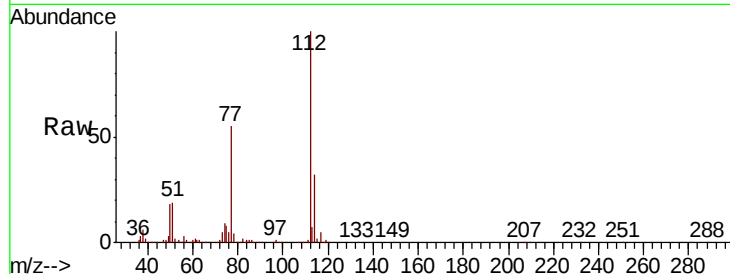




#65  
Chlorobenzene  
Concen: 53.532 ug/l  
RT: 11.52 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

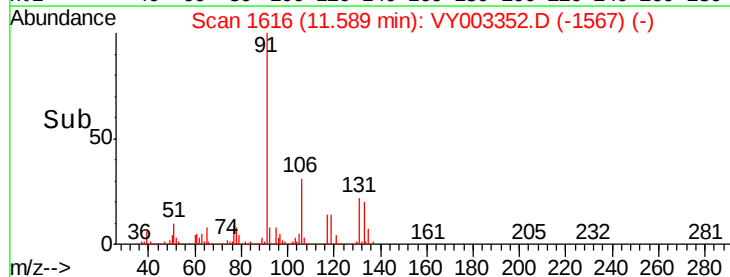
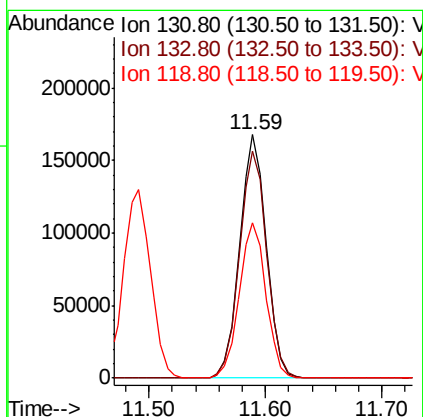
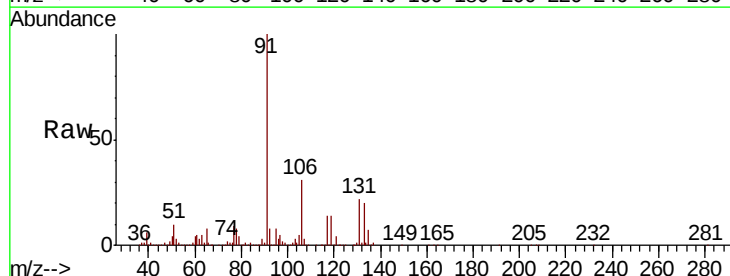
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB

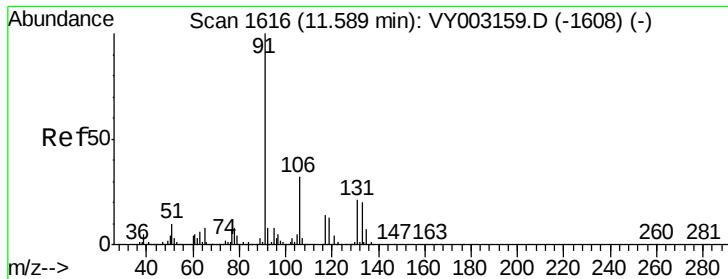
Tot Ion:112 Resp: 677747  
Ion Ratio Lower Upper  
112 100  
114 32.2 24.7 37.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.172 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

Tgt Ion:131 Resp: 266383  
Ion Ratio Lower Upper  
131 100  
133 95.6 48.0 144.0  
119 64.2 32.4 97.0

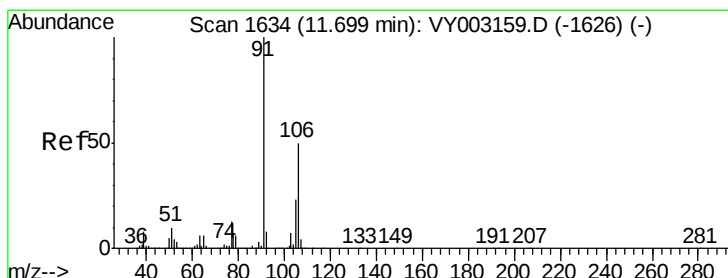
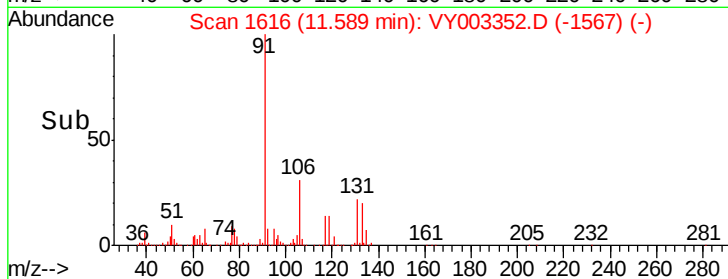
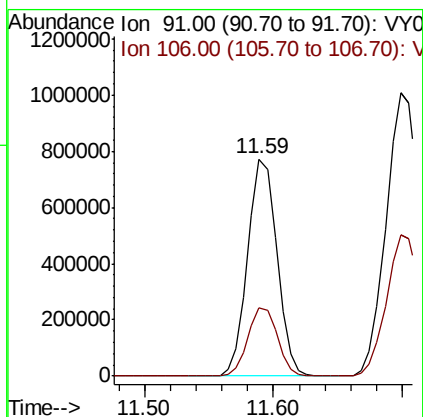
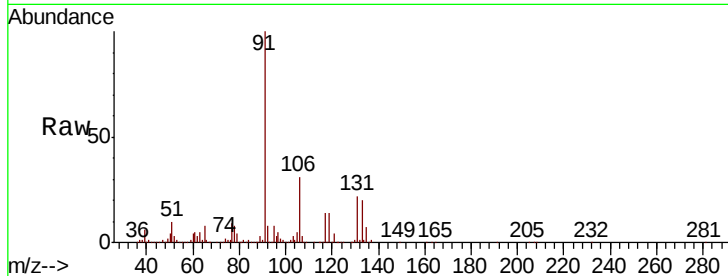




#67  
Ethyl Benzene  
Concen: 53.688 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

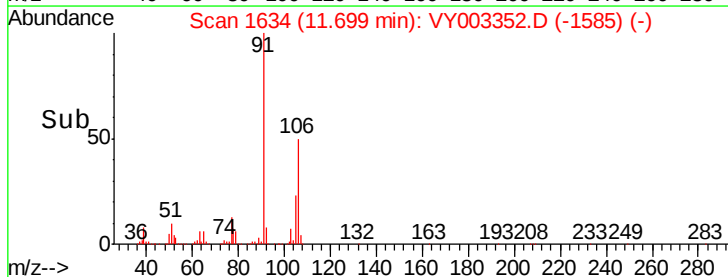
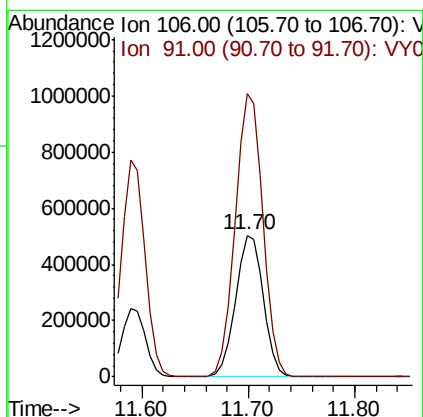
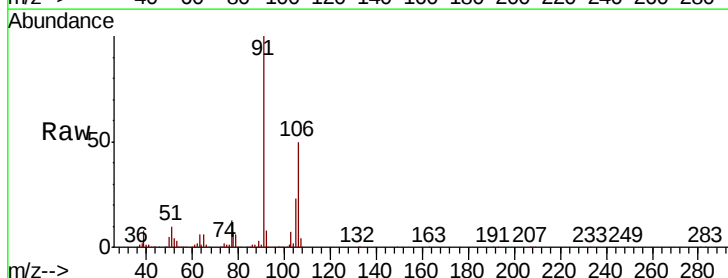
Instrument :  
MSVOA\_Y  
ClientSampled :  
BFB

Tot Ion: 91 Resp: 1213643  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.5 38.3



#68  
m/p-Xylenes  
Concen: 107.008 ug/l  
RT: 11.70 min Scan# 1634  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

Tgt Ion: 106 Resp: 917832  
Ion Ratio Lower Upper  
106 100  
91 200.3 159.0 238.6

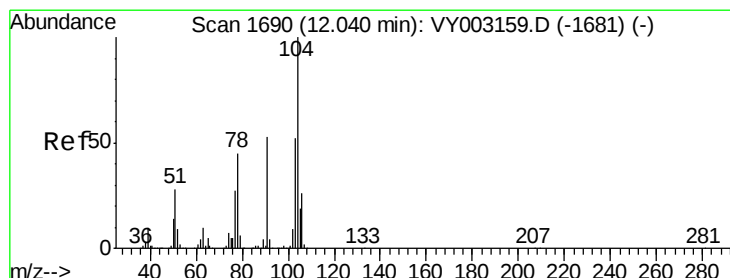
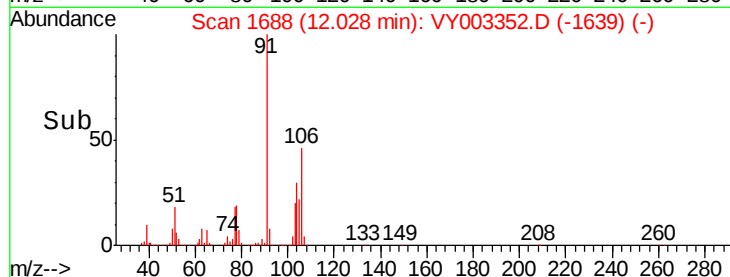
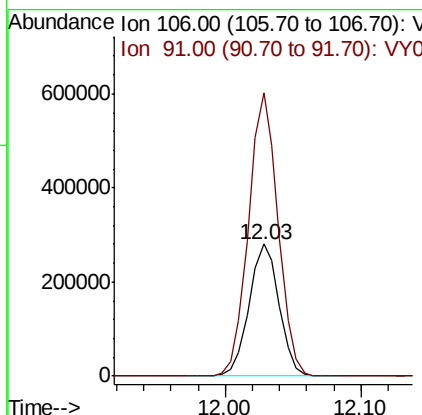
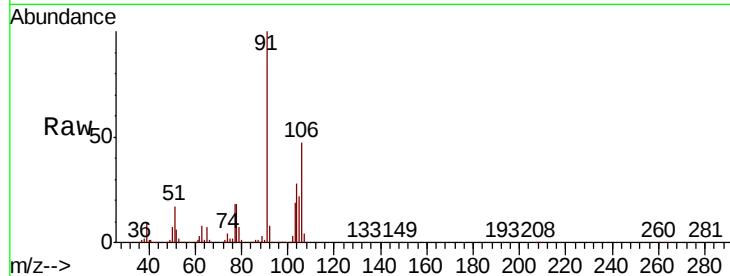




#69  
o-Xylene  
Concen: 54.119 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

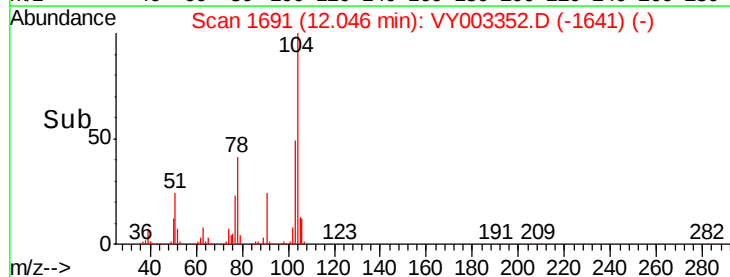
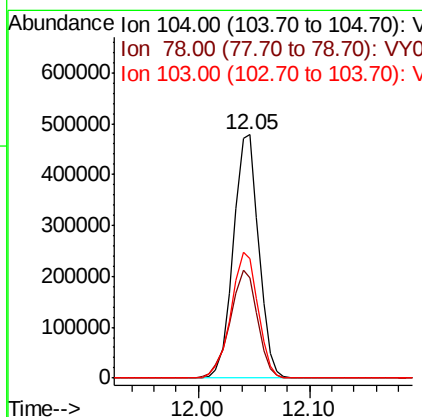
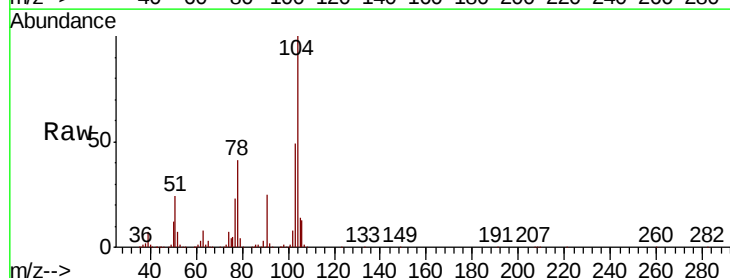
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB

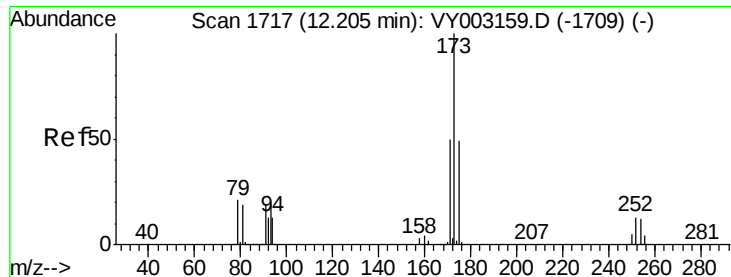
Tot Ion:106 Resp: 433654  
Ion Ratio Lower Upper  
106 100  
91 211.1 105.1 315.1



#70  
Styrene  
Concen: 55.010 ug/l  
RT: 12.05 min Scan# 1691  
Delta R.T. 0.01 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

Tgt Ion:104 Resp: 754049  
Ion Ratio Lower Upper  
104 100  
78 47.8 38.5 57.7  
103 55.3 43.9 65.9





#71

Bromoform

Concen: 54.689 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

BFB

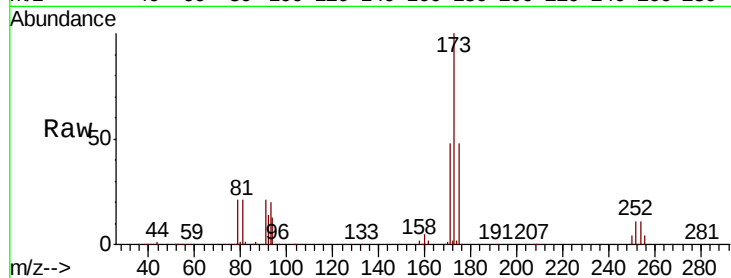
Tot Ion:173 Resp: 176502

Ion Ratio Lower Upper

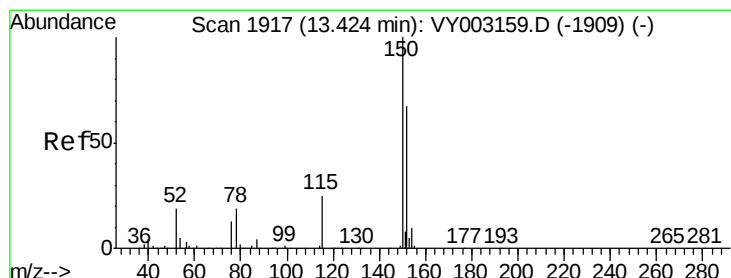
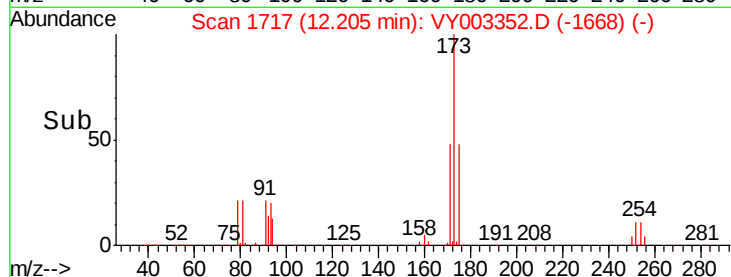
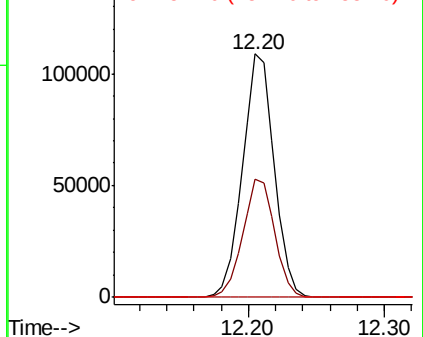
173 100

175 48.9 24.3 73.0

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

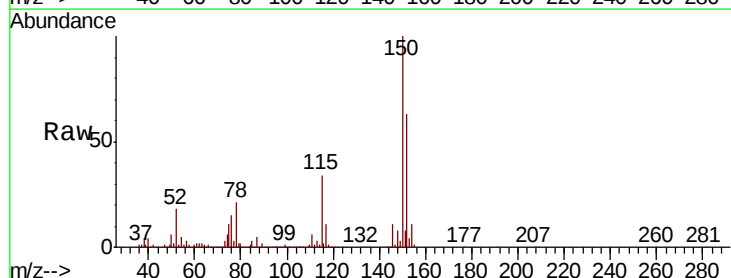
Tgt Ion:152 Resp: 352900

Ion Ratio Lower Upper

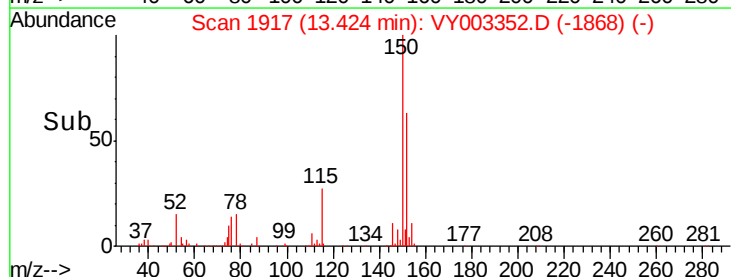
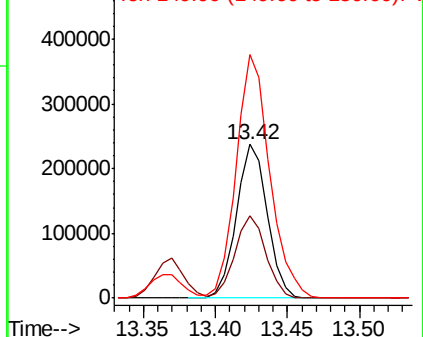
152 100

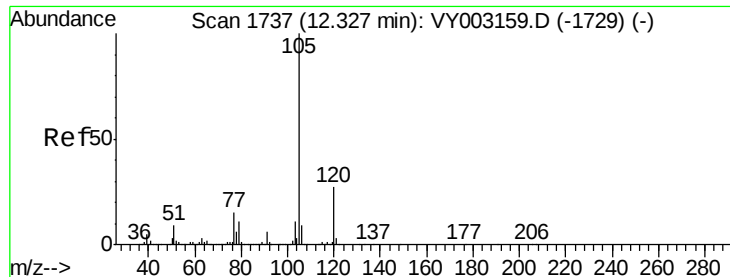
115 54.2 26.9 80.7

150 173.0 0.0 338.0



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





#73

Isopropylbenzene

Concen: 53.434 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

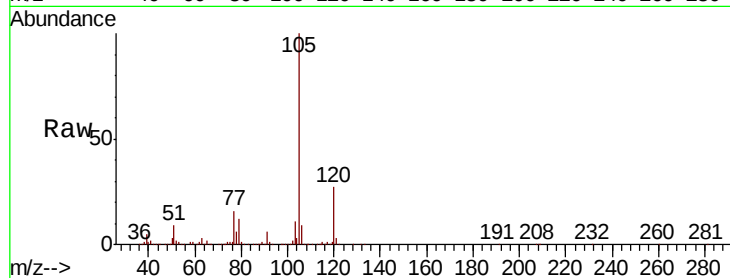
BFB

Tot Ion:105 Resp: 1201696

Ion Ratio Lower Upper

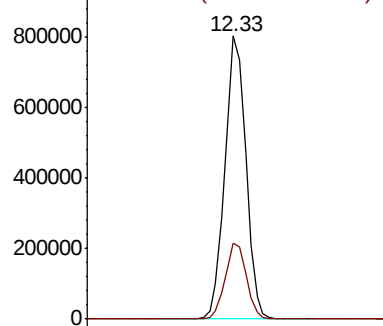
105 100

120 27.2 13.4 40.2

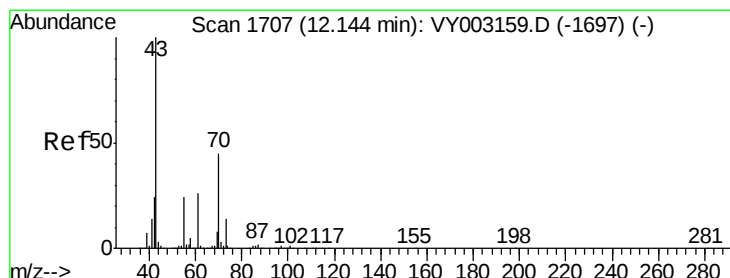
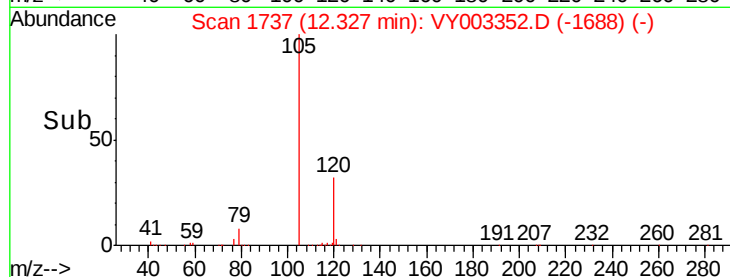


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 12.20 12.30 12.40



#74

N-ethyl acetate

Concen: 54.694 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Tgt Ion: 43 Resp: 345130

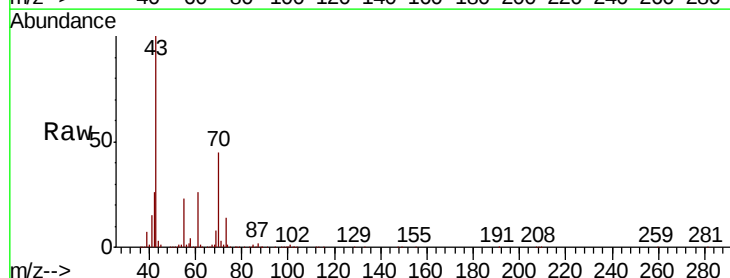
Ion Ratio Lower Upper

43 100

70 43.4 35.6 53.4

55 23.6 19.4 29.2

61 25.0 20.8 31.2

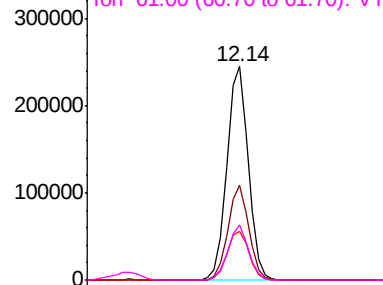


Abundance Ion 43.00 (42.70 to 43.70): VY0

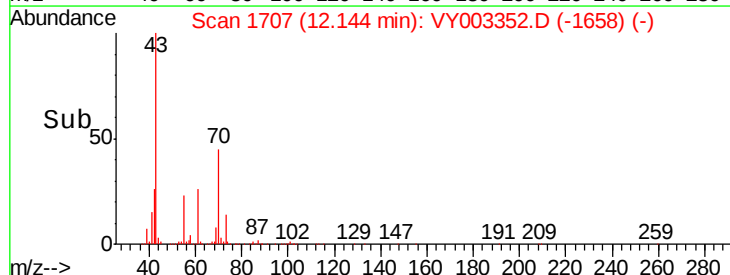
Ion 70.00 (69.70 to 70.70): VY0

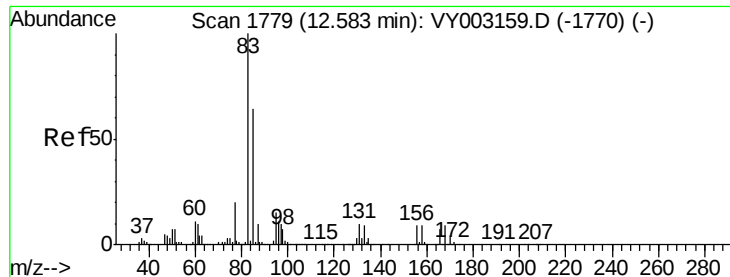
Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



Time--> 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 55.109 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

BFB

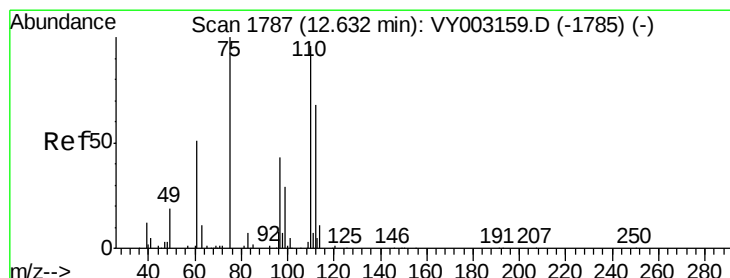
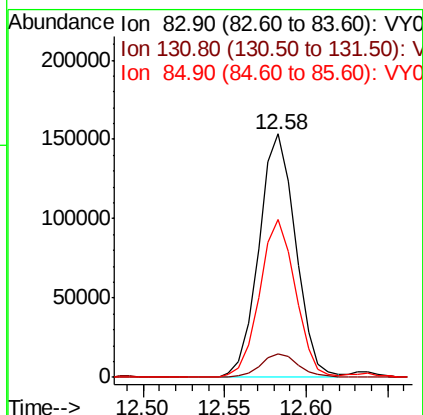
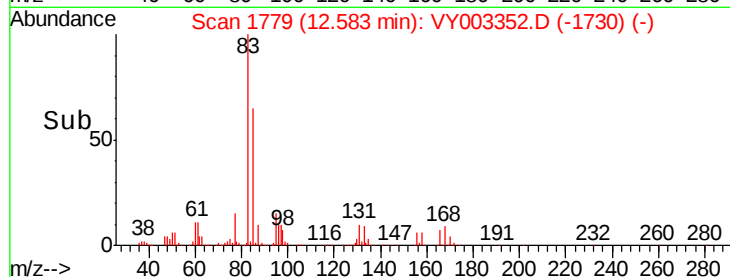
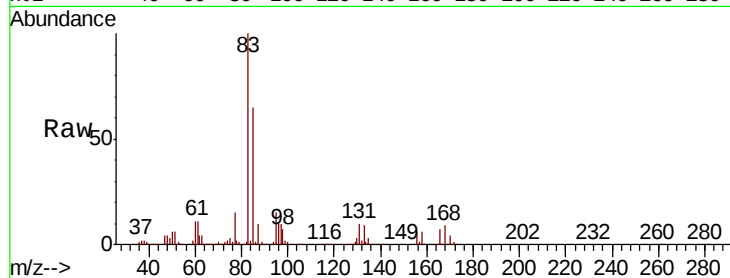
Tot Ion: 83 Resp: 239365

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

85 63.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 101.746 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003352.D

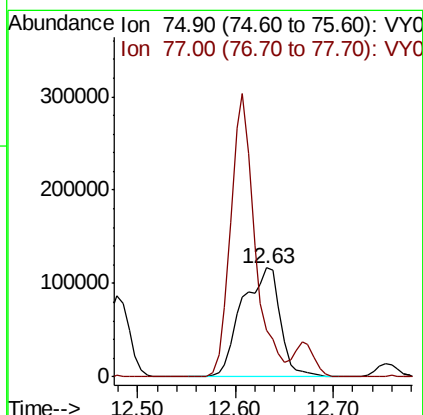
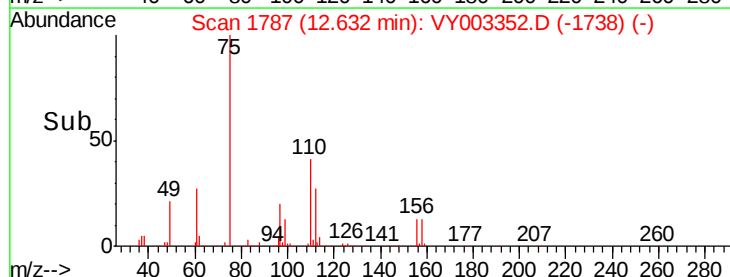
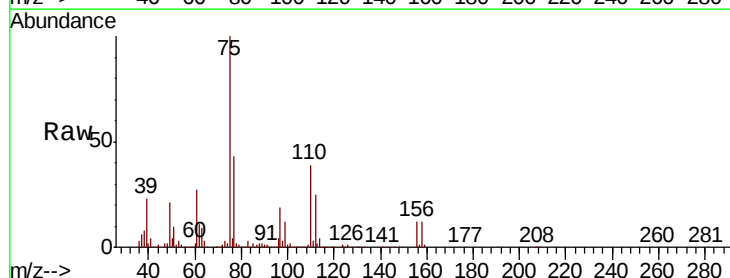
Acq: 27 Jul 2020 13:12

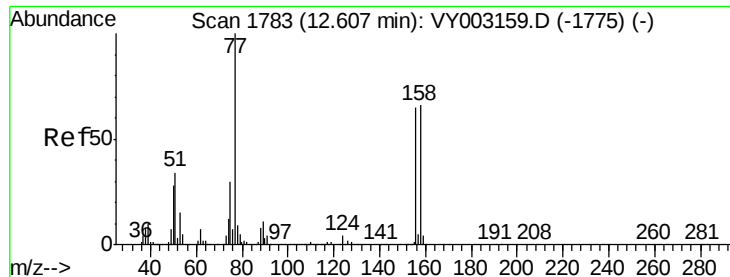
Tgt Ion: 75 Resp: 317831

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

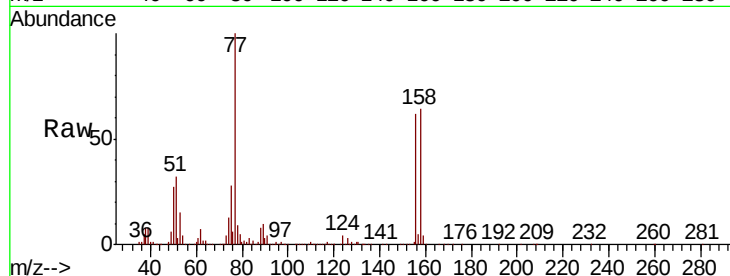




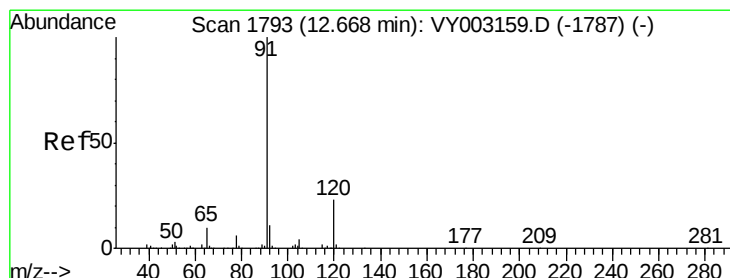
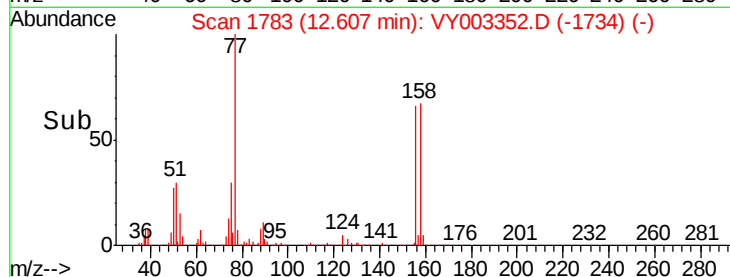
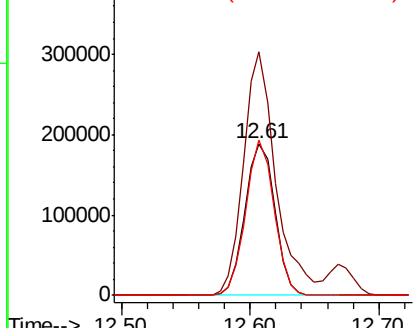
#77  
Bromobenzene  
Concen: 52.512 ug/l  
RT: 12.61 min Scan# 1783  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 173.5 | 86.6  | 259.7 |
| 158     | 97.6  | 49.4  | 148.0 |

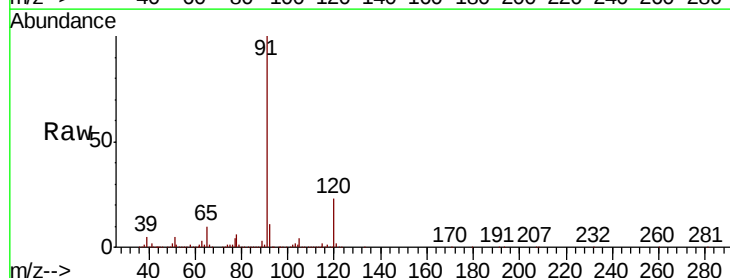


Abundance Ion 155.80 (155.50 to 156.50): V  
Ion 77.00 (76.70 to 77.70): VY0  
Ion 157.80 (157.50 to 158.50): V

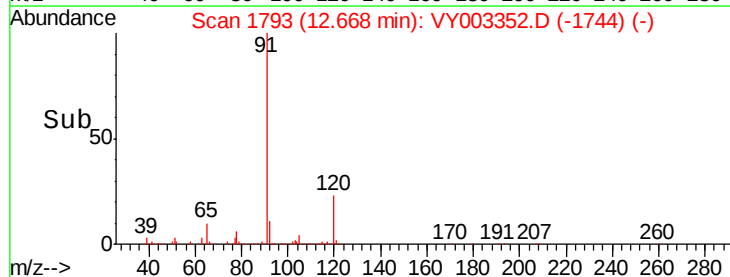
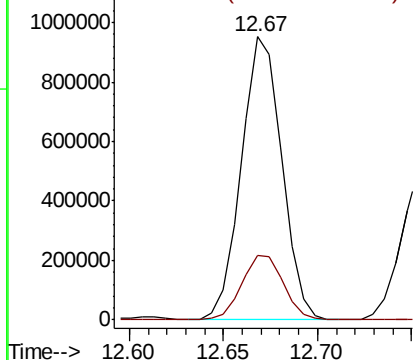


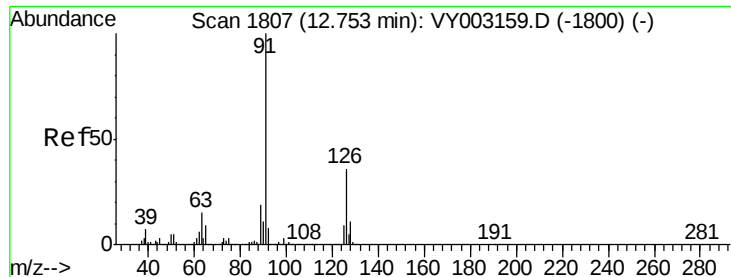
#78  
n-propylbenzene  
Concen: 53.596 ug/l  
RT: 12.67 min Scan# 1793  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.4  | 11.7  | 35.1  |



Abundance Ion 91.00 (90.70 to 91.70): VY0  
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.487 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

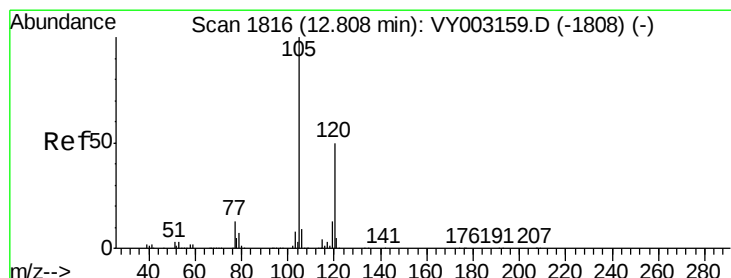
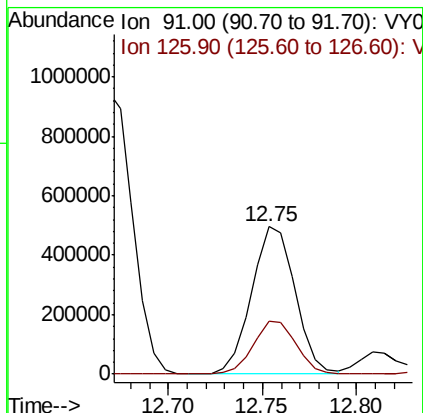
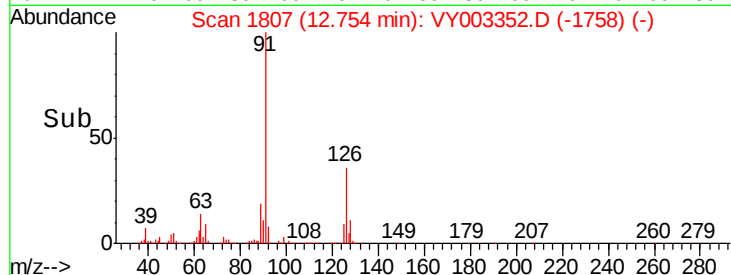
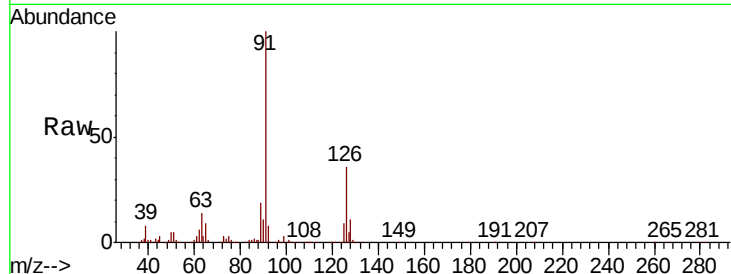
BFB

Tot Ion: 91 Resp: 791094

Ion Ratio Lower Upper

91 100

126 35.5 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 53.309 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003352.D

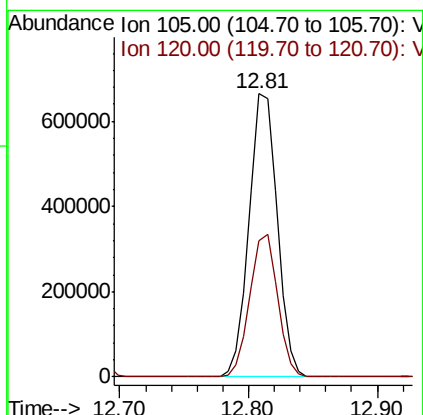
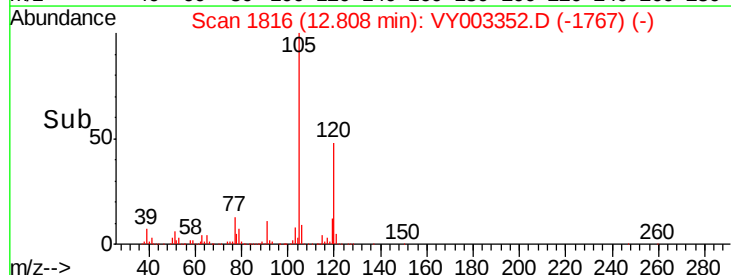
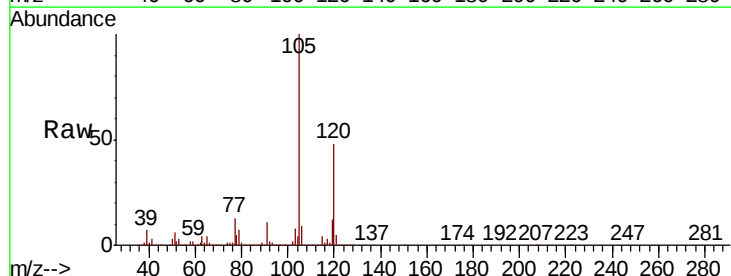
Acq: 27 Jul 2020 13:12

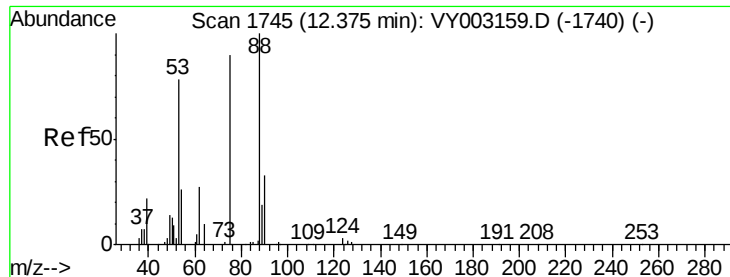
Tgt Ion: 105 Resp: 999211

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 53.454 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

BFB

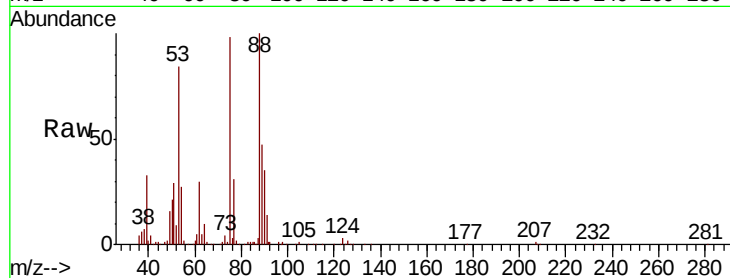
Tot Ion: 75 Resp: 85798

Ion Ratio Lower Upper

75 100

53 87.1 72.0 108.0

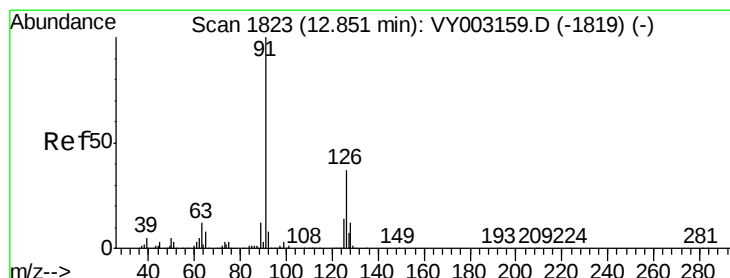
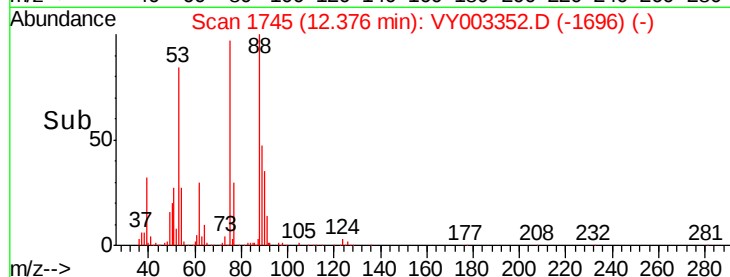
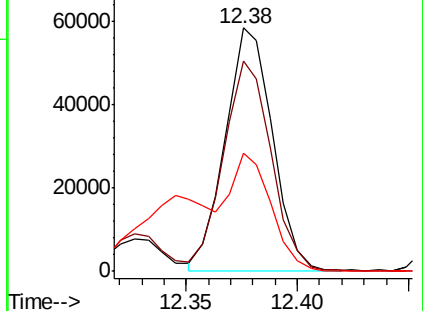
89 42.7 37.3 55.9



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: 53.535 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003352.D

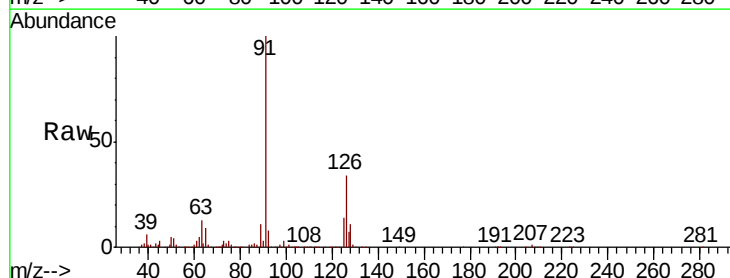
Acq: 27 Jul 2020 13:12

Tgt Ion: 91 Resp: 826456

Ion Ratio Lower Upper

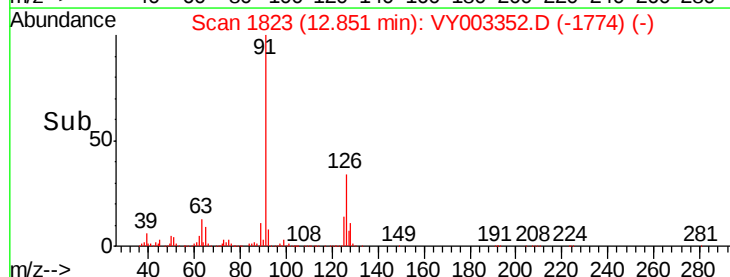
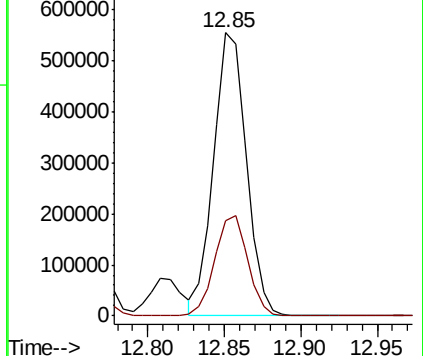
91 100

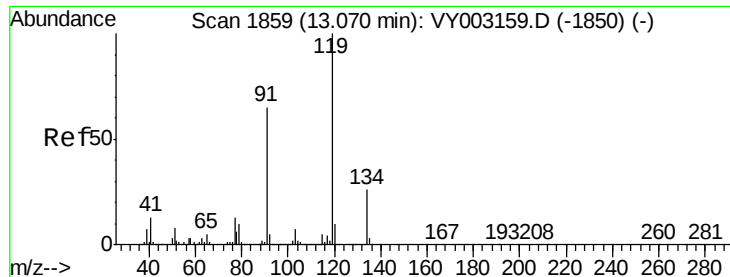
126 35.7 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

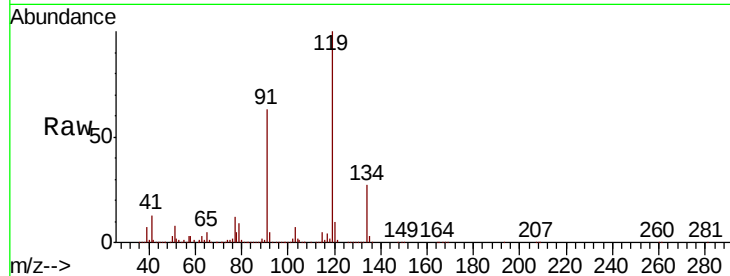




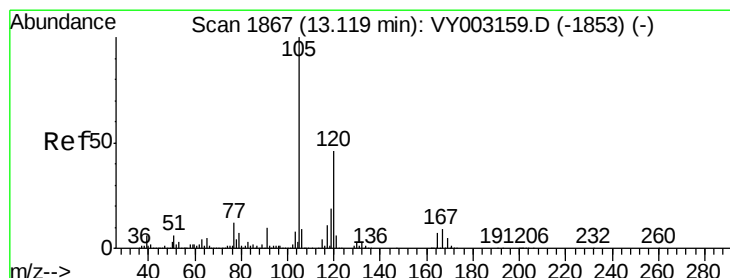
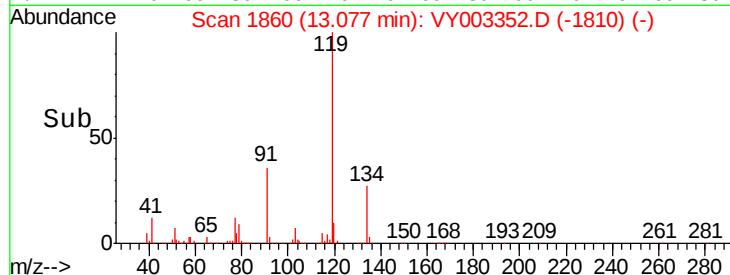
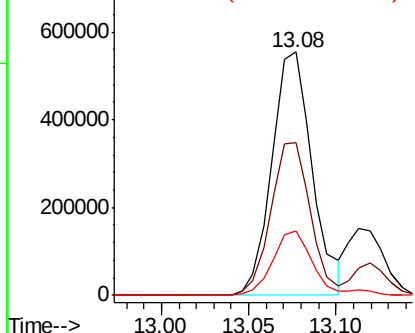
#83  
tert-Butylbenzene  
Concen: 54.109 ug/l  
RT: 13.08 min Scan# 1860  
Delta R.T. 0.01 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB

Tot Ion:119 Resp: 894899  
Ion Ratio Lower Upper  
119 100  
91 61.5 30.8 92.4  
134 26.9 13.2 39.6

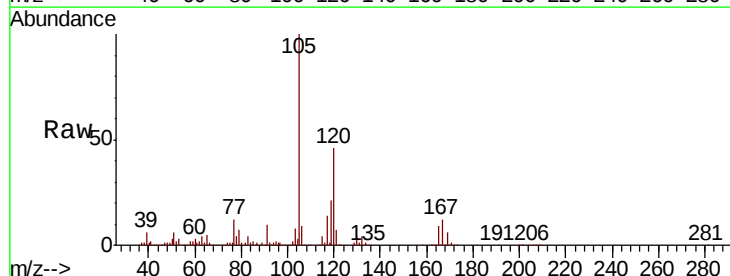


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): VY0  
Ion 134.00 (133.70 to 134.70): V

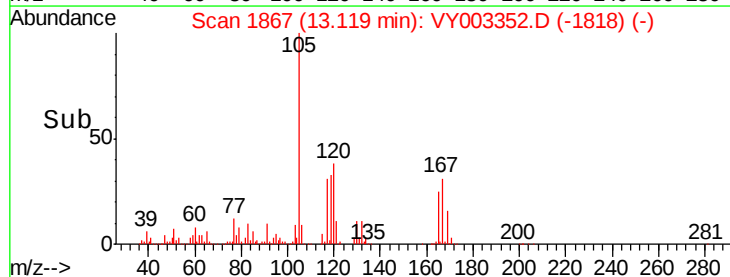
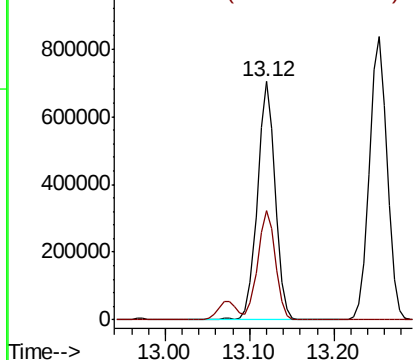


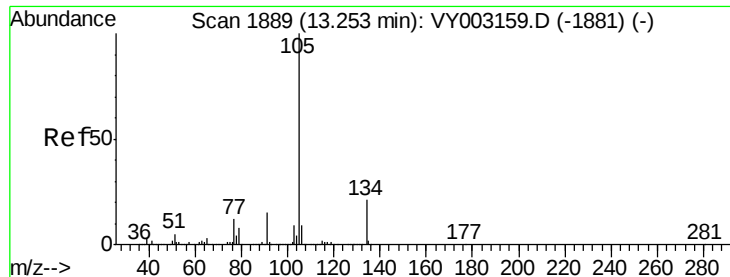
#84  
1,2,4-Trimethylbenzene  
Concen: 53.521 ug/l  
RT: 13.12 min Scan# 1867  
Delta R.T. 0.00 min  
Lab File: VY003352.D  
Acq: 27 Jul 2020 13:12

Tgt Ion:105 Resp: 1009364  
Ion Ratio Lower Upper  
105 100  
120 45.6 22.5 67.5



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





#85

sec-Butylbenzene

Concen: 53.952 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

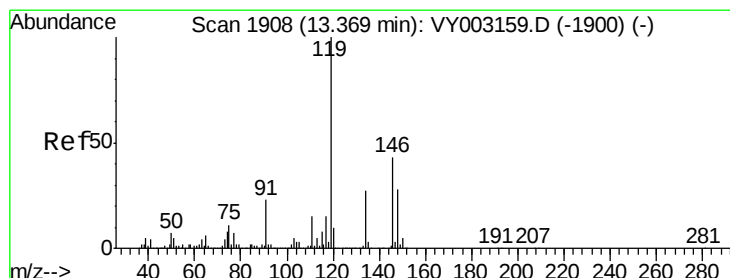
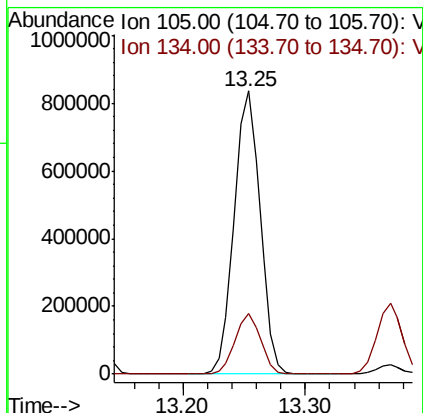
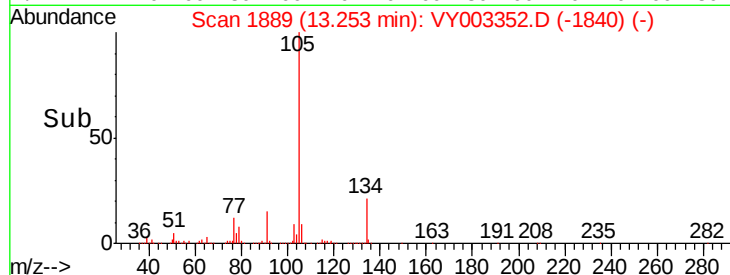
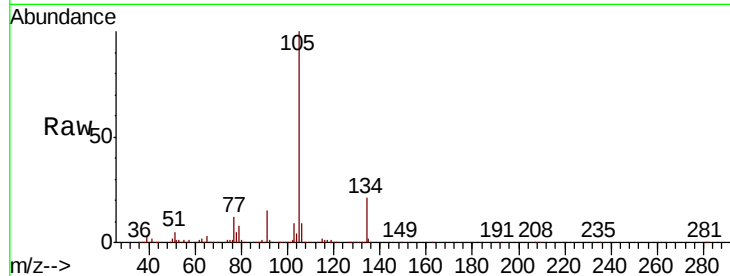
BFB

Tot Ion:105 Resp: 1226403

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.4



#86

p-Isopropyltoluene

Concen: 53.396 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

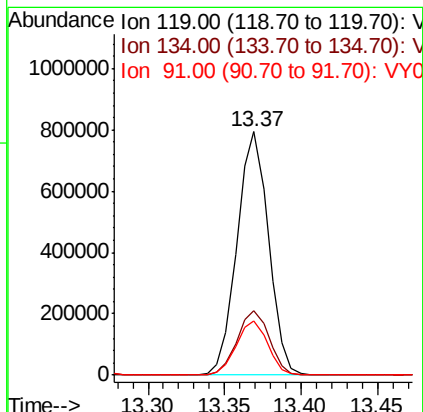
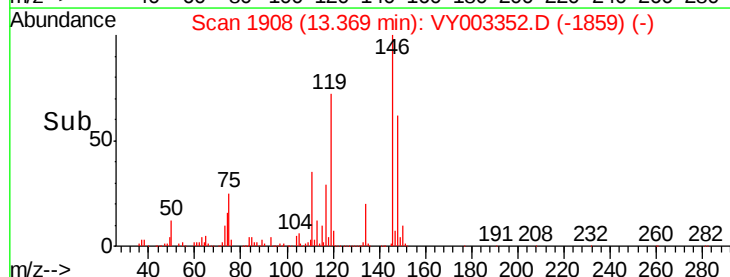
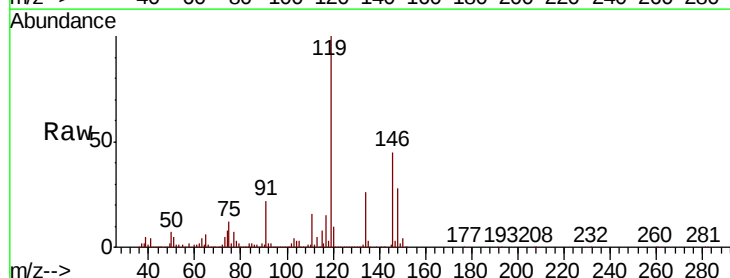
Tgt Ion:119 Resp: 1133310

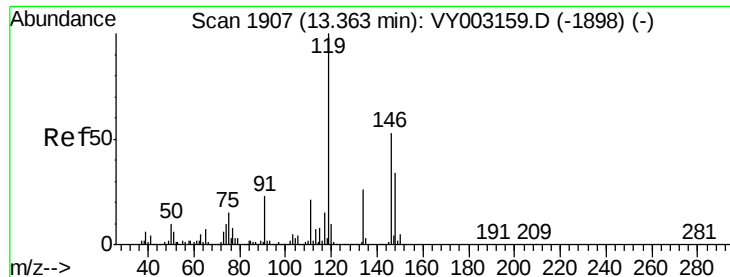
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.3 11.2 33.6

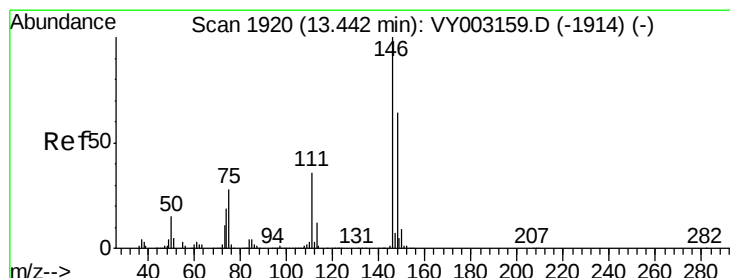
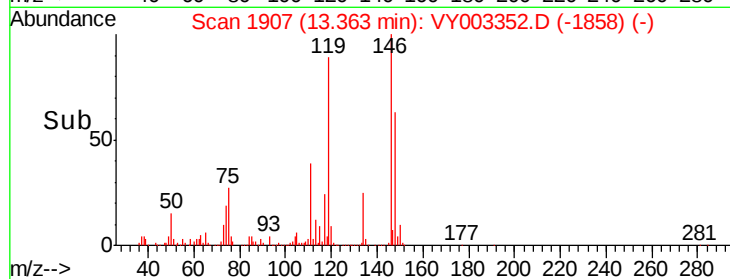
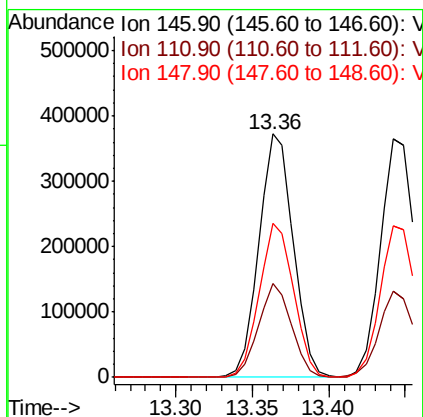
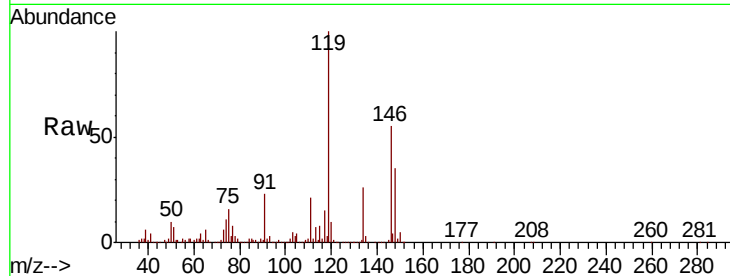




#87  
 1,3-Dichlorobenzene  
 Concen: 53.657 ug/l  
 RT: 13.36 min Scan# 1907  
 Delta R.T. 0.00 min  
 Lab File: VY003352.D  
 Acq: 27 Jul 2020 13:12

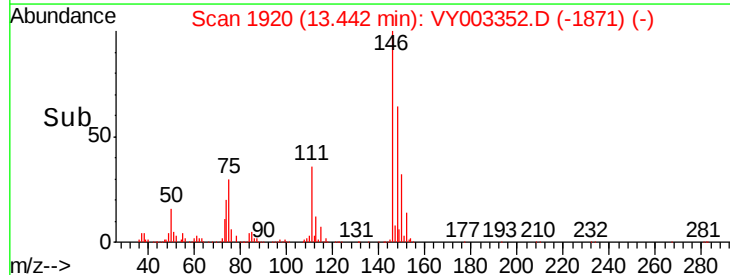
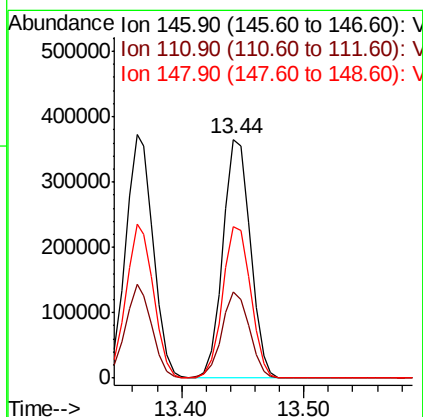
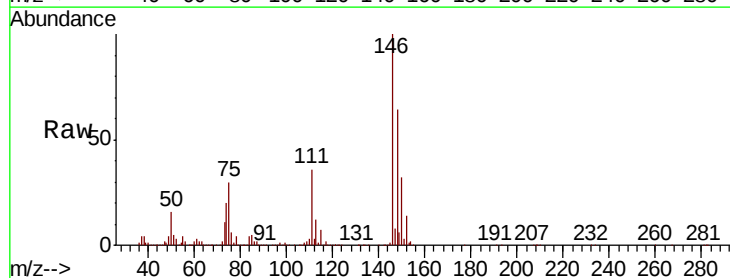
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BFB

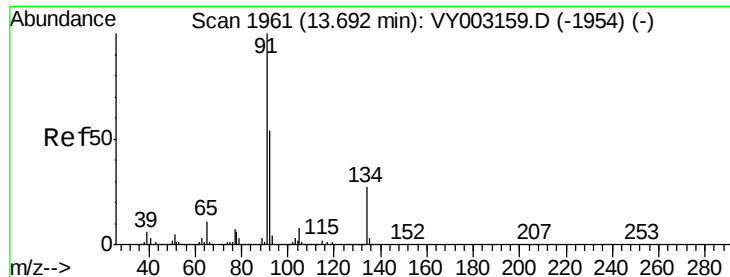
Tot Ion:146 Resp: 581667  
 Ion Ratio Lower Upper  
 146 100  
 111 37.2 18.8 56.3  
 148 63.3 32.3 96.9



#88  
 1,4-Dichlorobenzene  
 Concen: 52.902 ug/l  
 RT: 13.44 min Scan# 1920  
 Delta R.T. 0.00 min  
 Lab File: VY003352.D  
 Acq: 27 Jul 2020 13:12

Tgt Ion:146 Resp: 567776  
 Ion Ratio Lower Upper  
 146 100  
 111 36.0 18.4 55.0  
 148 64.7 32.0 96.0





#89

n-Butylbenzene

Concen: 54.055 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

BFB

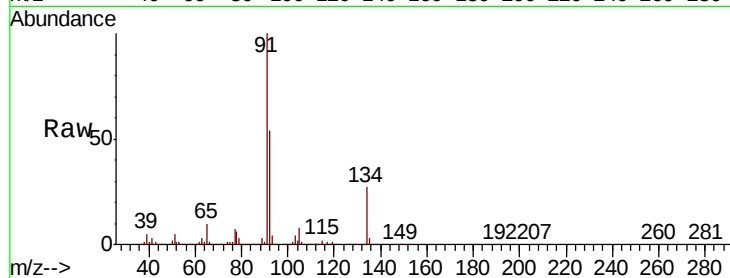
Tot Ion: 91 Resp: 1079166

Ion Ratio Lower Upper

91 100

92 53.9 26.9 80.7

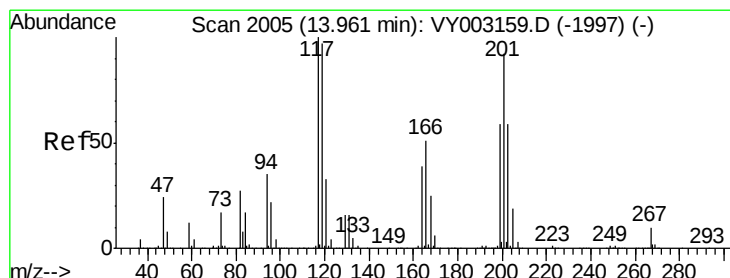
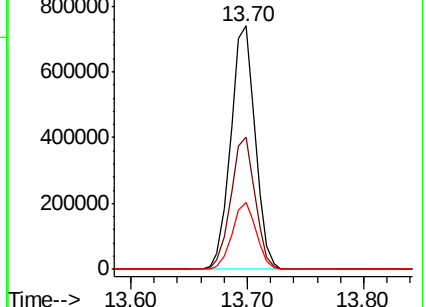
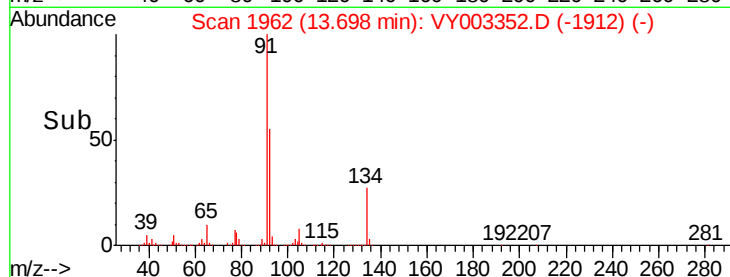
134 27.1 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VY003352.D (-1954) (-)

Ion 92.00 (91.70 to 92.70): VY003352.D (-1954) (-)

Ion 134.00 (133.70 to 134.70): VY003352.D (-1954) (-)



#90

Hexachloroethane

Concen: 57.354 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003352.D

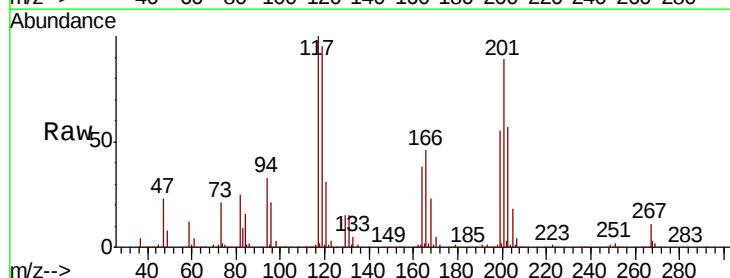
Acq: 27 Jul 2020 13:12

Tgt Ion: 117 Resp: 221684

Ion Ratio Lower Upper

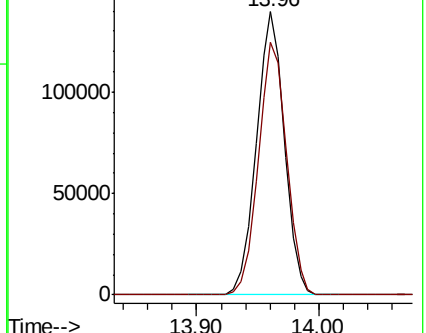
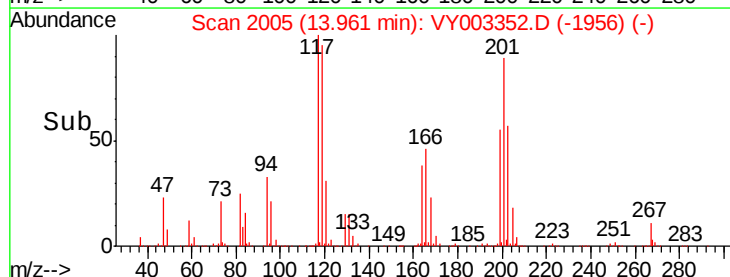
117 100

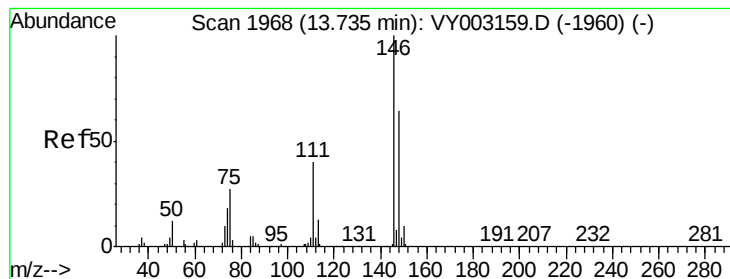
201 90.0 45.1 135.3



Abundance Ion 116.80 (116.50 to 117.50): VY003352.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY003352.D (-1956) (-)





#91

1,2-Dichlorobenzene

Concen: 53.118 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

BFB

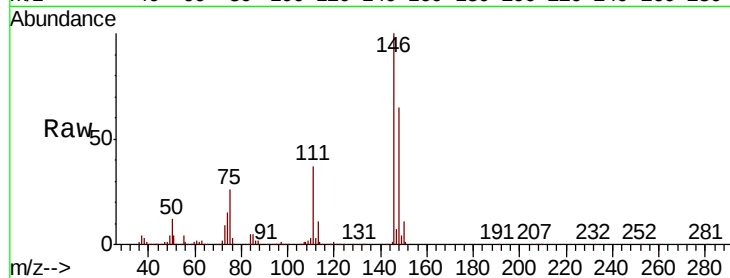
Tot Ion:146 Resp: 505331

Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.8

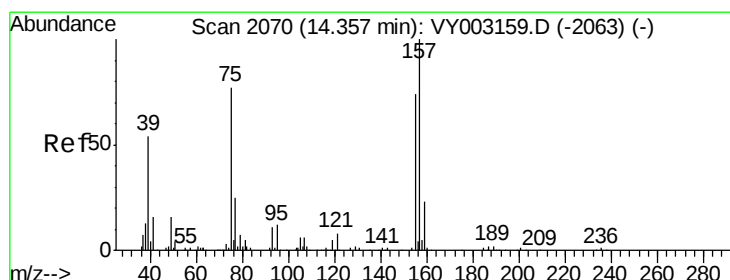
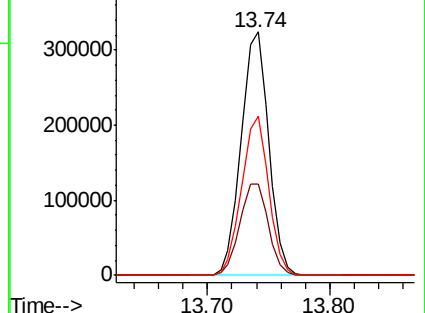
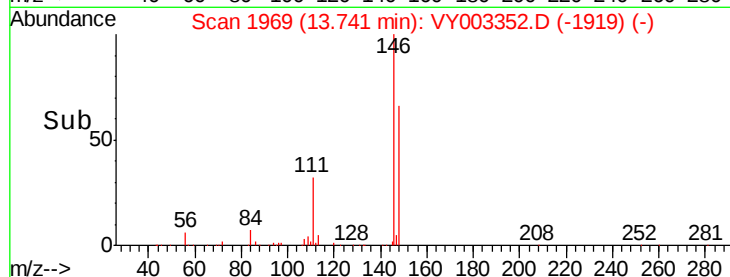
148 64.4 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.297 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

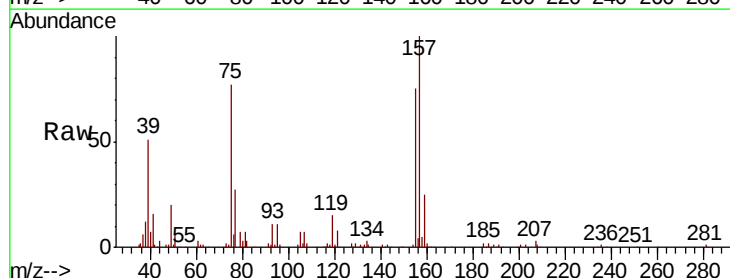
Tgt Ion: 75 Resp: 36122

Ion Ratio Lower Upper

75 100

155 97.2 48.1 144.3

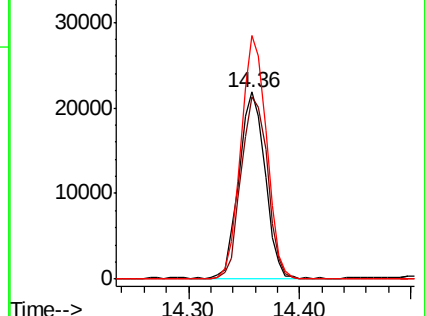
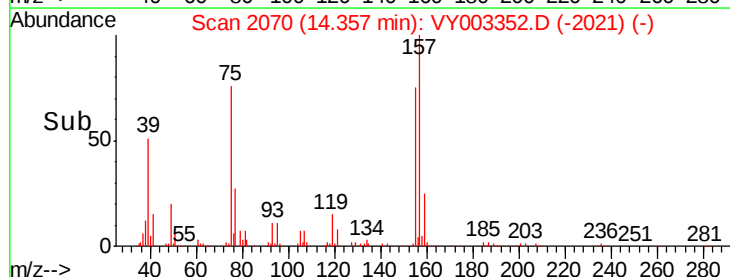
157 125.6 61.9 185.6

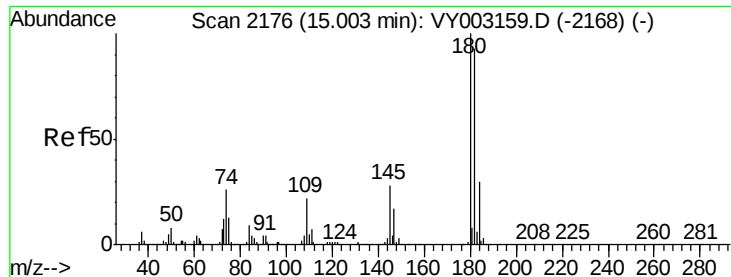


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

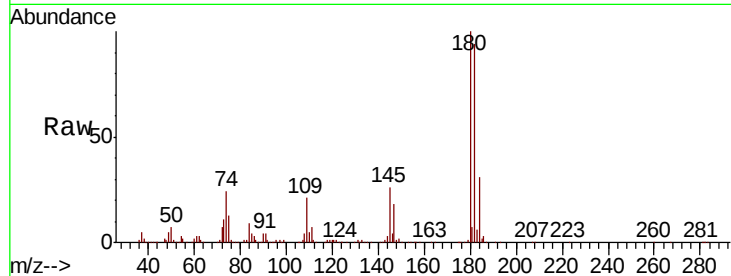




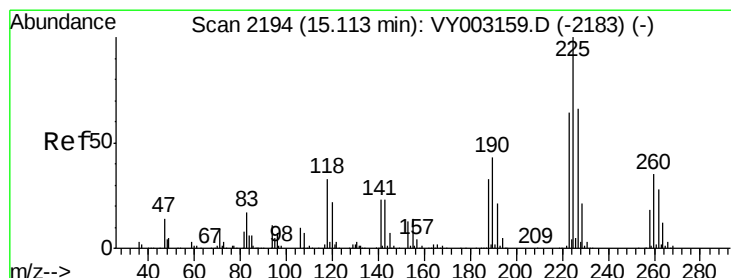
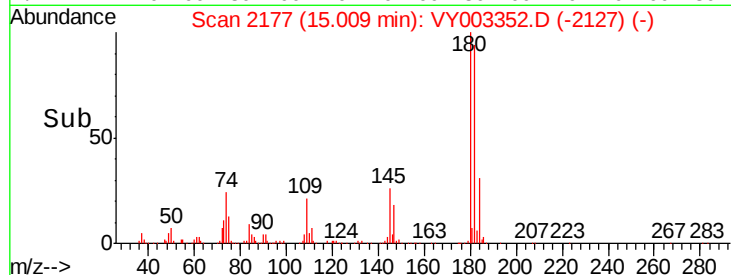
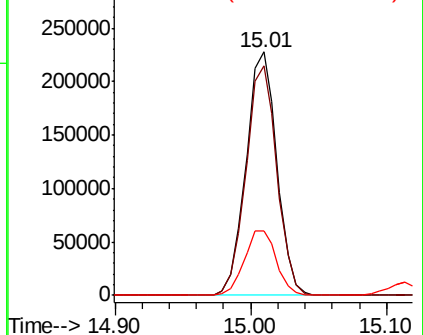
#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.447 ug/l  
 RT: 15.01 min Scan# 2177  
 Delta R.T. 0.01 min  
 Lab File: VY003352.D  
 Acq: 27 Jul 2020 13:12

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BFB

Tot Ion:180 Resp: 361721  
 Ion Ratio Lower Upper  
 180 100  
 182 94.6 47.3 142.0  
 145 27.3 13.7 41.1

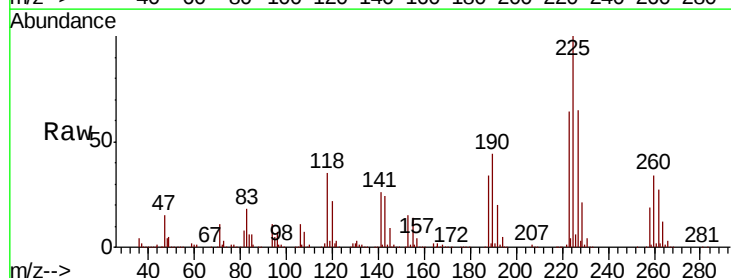


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

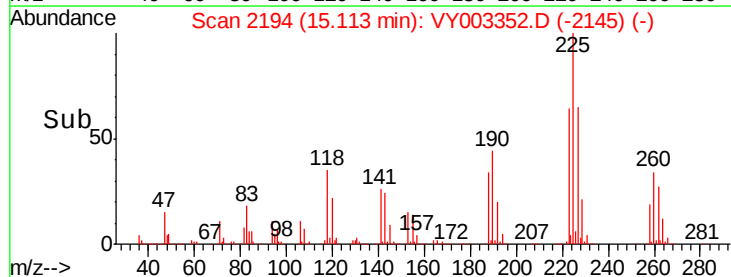
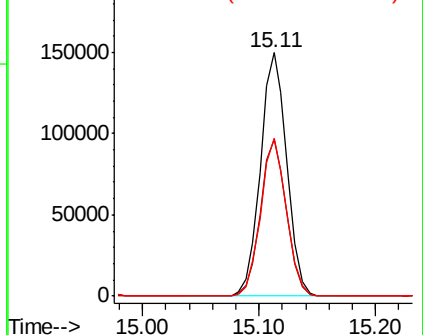


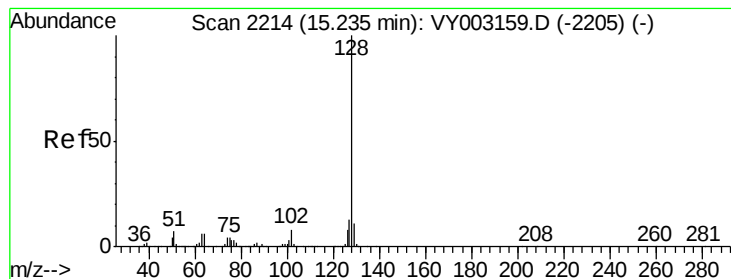
#94  
 Hexachlorobutadiene  
 Concen: 50.815 ug/l  
 RT: 15.11 min Scan# 2194  
 Delta R.T. 0.00 min  
 Lab File: VY003352.D  
 Acq: 27 Jul 2020 13:12

Tgt Ion:225 Resp: 235648  
 Ion Ratio Lower Upper  
 225 100  
 223 63.4 31.6 94.7  
 227 63.4 32.3 96.8



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: 53.862 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA\_Y

ClientSampleId :

BFB

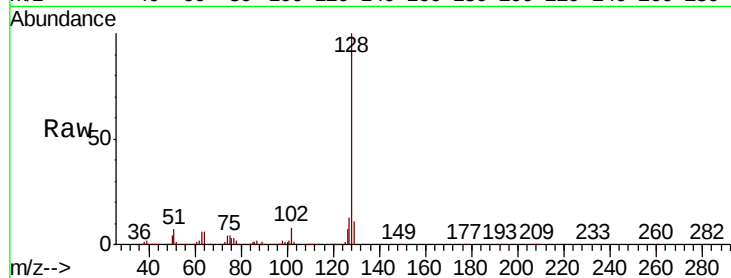
Tot Ion:128 Resp: 602444

Ion Ratio Lower Upper

128 100

127 13.2 10.9 16.3

129 11.1 9.0 13.6

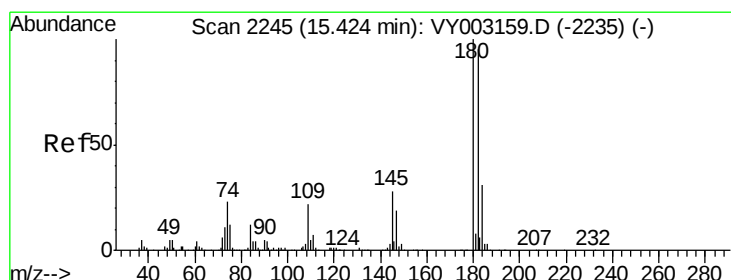
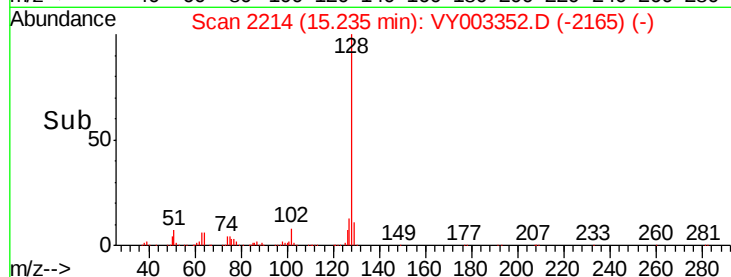
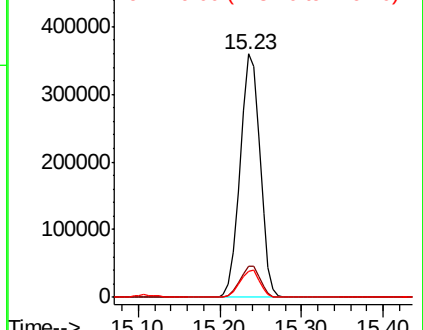


Abundance

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: 53.629 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

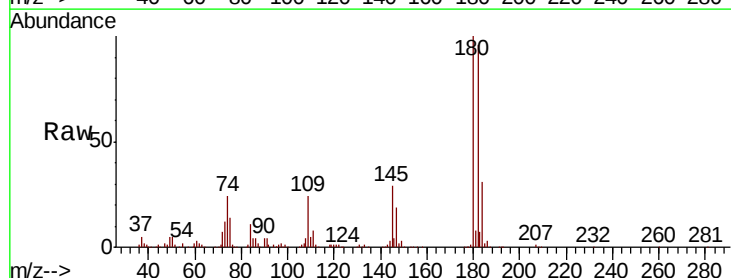
Tgt Ion:180 Resp: 286910

Ion Ratio Lower Upper

180 100

182 95.5 48.8 146.3

145 29.2 14.9 44.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

