

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\  
 Data File : VY002357.D  
 Acq On : 16 Apr 2020 11:34  
 Operator : SY/MD  
 Sample : VY0416SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Apr 17 07:03:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y040820S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 08 15:15:02 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 162718   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 290616   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 258634   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152  | 115431   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.15   | 65  | 78849    | 43.57 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 87.14%  |      |
| 35) Dibromofluoromethane  | 7.73   | 113 | 88094    | 50.94 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.88% |      |
| 50) Toluene-d8            | 10.18  | 98  | 368237   | 50.88 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.76% |      |
| 62) 4-Bromofluorobenzene  | 12.49  | 95  | 121468   | 50.87 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.74% |      |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85  | 31173  | 18.956 | ug/l   | 96     |
| 3) Chloromethane              | 2.11 | 50  | 41345  | 19.976 | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.26 | 62  | 43113  | 19.570 | ug/l   | 99     |
| 5) Bromomethane               | 2.65 | 94  | 28115  | 20.667 | ug/l   | 98     |
| 6) Chloroethane               | 2.80 | 64  | 25465  | 20.043 | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.13 | 101 | 57610  | 20.249 | ug/l   | 95     |
| 8) Diethyl Ether              | 3.54 | 74  | 24057  | 19.890 | ug/l   | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91 | 101 | 40383  | 20.896 | ug/l   | 100    |
| 10) Methyl Iodide             | 4.10 | 142 | 42740  | 19.026 | ug/l   | 96     |
| 11) Tert butyl alcohol        | 4.96 | 59  | 21242  | 88.575 | ug/l # | 86     |
| 12) 1,1-Dichloroethene        | 3.88 | 96  | 42553  | 21.658 | ug/l   | 90     |
| 13) Acrolein                  | 3.74 | 56  | 17278  | 74.054 | ug/l   | 94     |
| 14) Allyl chloride            | 4.49 | 41  | 59322  | 18.697 | ug/l   | 95     |
| 15) Acrylonitrile             | 5.17 | 53  | 54158  | 87.563 | ug/l   | 99     |
| 16) Acetone                   | 3.96 | 43  | 38940  | 81.703 | ug/l # | 87     |
| 17) Carbon Disulfide          | 4.20 | 76  | 134266 | 20.577 | ug/l   | 99     |
| 18) Methyl Acetate            | 4.49 | 43  | 23947  | 16.199 | ug/l   | 96     |
| 19) Methyl tert-butyl Ether   | 5.24 | 73  | 95477  | 18.484 | ug/l   | 99     |
| 20) Methylene Chloride        | 4.72 | 84  | 50739  | 21.660 | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.23 | 96  | 45757  | 20.748 | ug/l   | 98     |
| 22) Diisopropyl ether         | 6.13 | 45  | 120630 | 18.893 | ug/l   | 98     |
| 23) Vinyl Acetate             | 6.07 | 43  | 353057 | 86.769 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.03 | 63  | 73012  | 20.104 | ug/l   | 99     |
| 25) 2-Butanone                | 7.00 | 43  | 60094  | 79.674 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.99 | 77  | 59909  | 19.720 | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 7.00 | 96  | 49808  | 20.719 | ug/l   | 94     |
| 28) Bromochloromethane        | 7.35 | 49  | 29825  | 19.024 | ug/l   | 96     |
| 29) Tetrahydrofuran           | 7.35 | 42  | 38582  | 77.385 | ug/l   | 95     |
| 30) Chloroform                | 7.52 | 83  | 67688  | 19.772 | ug/l   | 94     |
| 31) Cyclohexane               | 7.79 | 56  | 75121  | 19.705 | ug/l   | 87     |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97  | 57937  | 20.332 | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.92 | 75  | 58384  | 20.396 | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.08 | 43  | 26689  | 16.320 | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.91 | 117 | 50459  | 20.608 | ug/l   | 98     |

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 Sample : VY0416SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

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 Quant Title : SW846 8260  
 QLast Update : Wed Apr 08 15:15:02 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 80365    | 20.639  | ug/l   | 94       |
| 40) Benzene                    | 8.17  | 78   | 181223   | 20.866  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.35  | 41   | 34918    | 36.196  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.24  | 62   | 39147    | 18.196  | ug/l   | 96       |
| 43) Isopropyl Acetate          | 8.28  | 43   | 48070    | 16.118  | ug/l   | 94       |
| 44) Trichloroethene            | 8.94  | 130  | 52363    | 20.507  | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 43097    | 20.000  | ug/l   | 100      |
| 46) Dibromomethane             | 9.31  | 93   | 22063    | 19.582  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.50  | 83   | 51259    | 19.828  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.30  | 41   | 20759    | 15.523  | ug/l   | 90       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 5720     | 358.897 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.07 | 43   | 123914   | 79.734  | ug/l   | 98       |
| 52) Toluene                    | 10.25 | 92   | 111090   | 21.225  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 53405    | 18.960  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 67702    | 19.992  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.65 | 97   | 32329    | 19.599  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 42878    | 18.213  | ug/l   | 92       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 55903    | 19.281  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.79  | 63   | 115960   | 95.114  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.83 | 43   | 84163    | 78.031  | ug/l   | 96       |
| 60) Dibromochloromethane       | 10.99 | 129  | 34161    | 19.422  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 30085    | 19.158  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.72 | 164  | 54979    | 21.026  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.52 | 112  | 112889   | 20.998  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 37108    | 20.906  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.59 | 91   | 205589   | 20.889  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.70 | 106  | 157567   | 42.744  | ug/l   | 97       |
| 69) o-Xylene                   | 12.03 | 106  | 72776    | 21.028  | ug/l   | 96       |
| 70) Styrene                    | 12.05 | 104  | 124851   | 20.793  | ug/l   | 98       |
| 71) Bromoform                  | 12.21 | 173  | 18398    | 19.060  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.33 | 105  | 195857   | 21.598  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.15 | 43   | 42774    | 16.617  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.59 | 83   | 21833    | 19.900  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 46091    | 34.386  | ug/l # | 100      |
| 77) Bromobenzene               | 12.61 | 156  | 41765    | 20.934  | ug/l   | 96       |
| 78) n-propylbenzene            | 12.67 | 91   | 239879   | 21.269  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.76 | 91   | 127061   | 20.730  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 159210   | 21.229  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 12924    | 18.753  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 134048   | 20.866  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.08 | 119  | 131994   | 21.011  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 157723   | 21.060  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.26 | 105  | 199048   | 21.270  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.38 | 119  | 172550   | 21.423  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.37 | 146  | 82161    | 21.249  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 81240    | 20.699  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.70 | 91   | 173285   | 20.989  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.97 | 117  | 31773    | 20.702  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.75 | 146  | 71958    | 20.481  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 4432     | 16.702  | ug/l   | 95       |

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Data File : VY002357.D  
Acq On : 16 Apr 2020 11:34  
Operator : SY/MD  
Sample : VY0416SBS01  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 4 Sample Multiplier: 1

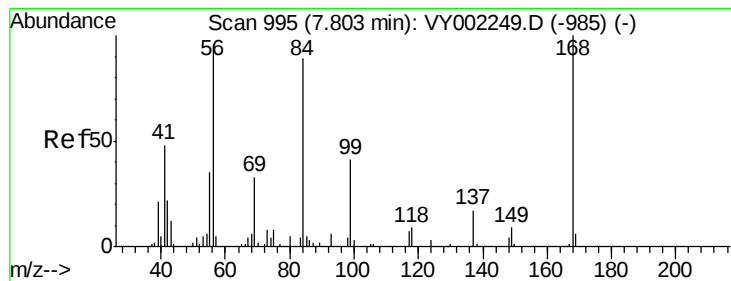
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Apr 17 07:03:22 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y040820S.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 08 15:15:02 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.02 | 180  | 44553    | 19.400 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 15.12 | 225  | 23125    | 19.993 | ug/l  | 98       |
| 95) Naphthalene            | 15.25 | 128  | 86984    | 17.299 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.44 | 180  | 36104    | 18.106 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

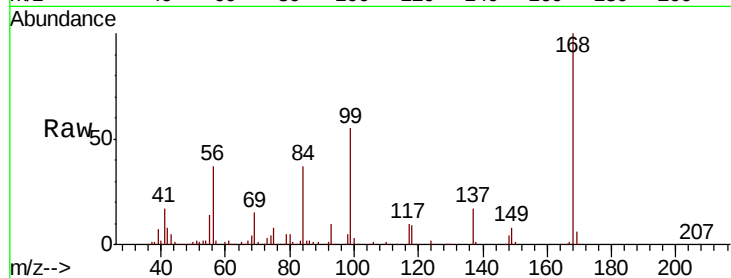
Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion:168 Resp: 162718

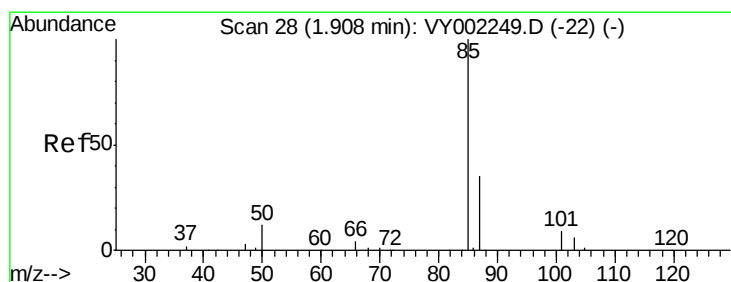
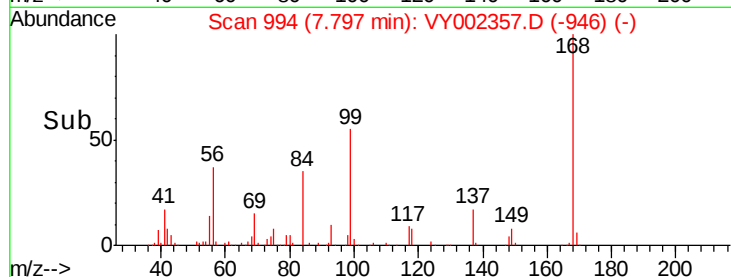
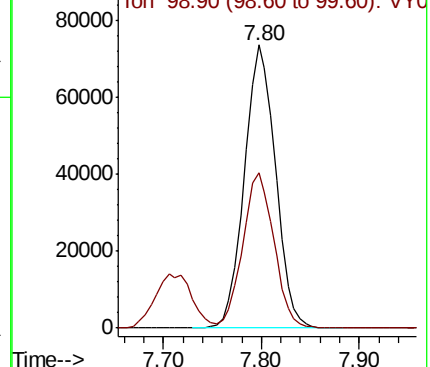
Ion Ratio Lower Upper

168 100

99 54.9 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 18.956 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002357.D

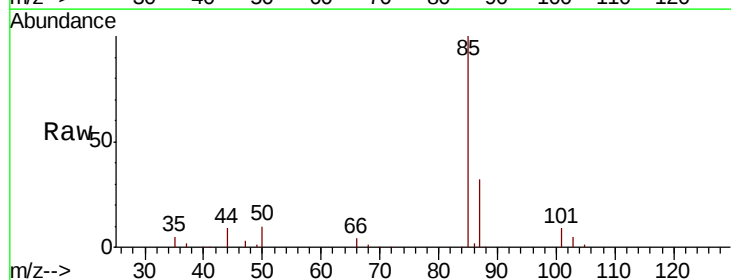
Acq: 16 Apr 2020 11:34

Tgt Ion: 85 Resp: 31173

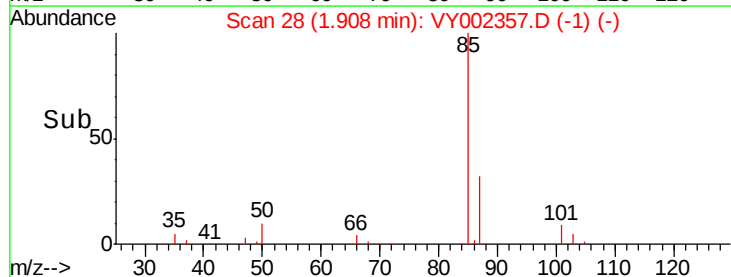
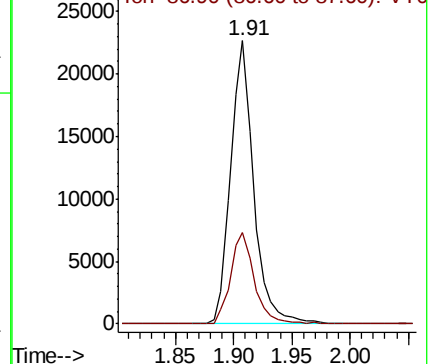
Ion Ratio Lower Upper

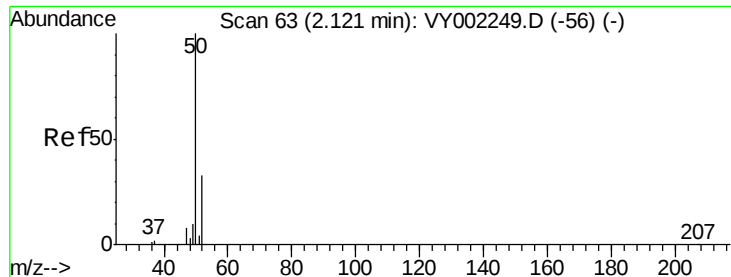
85 100

87 32.1 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)





#3

Chloromethane

Concen: 19.976 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

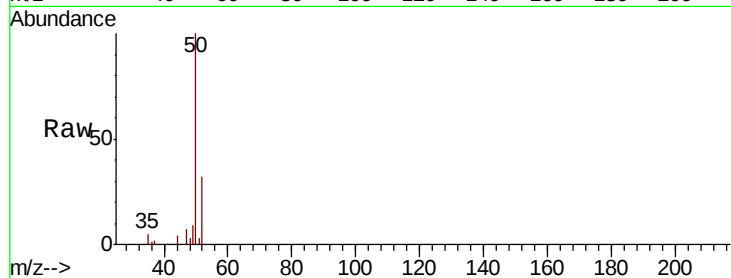
ClientSampleId :

Tot Ion: 50 Resp: 41345

Ion Ratio Lower Upper

50 100

52 31.5 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

30000

25000

20000

15000

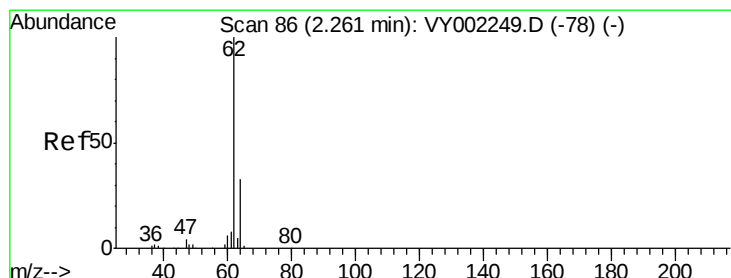
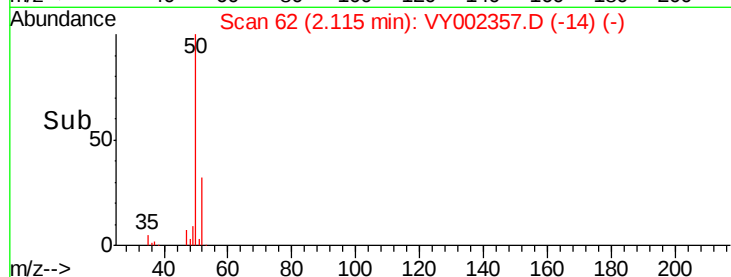
10000

5000

0

Time-->

2.05 2.10 2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 19.570 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002357.D

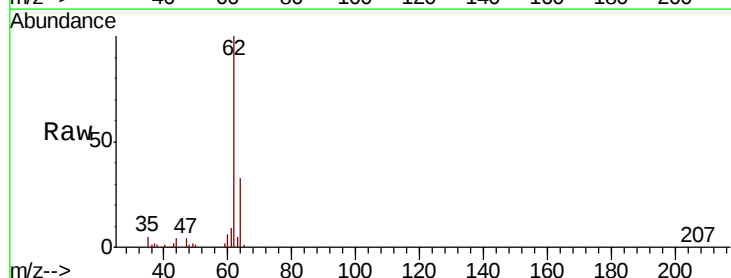
Acq: 16 Apr 2020 11:34

Tgt Ion: 62 Resp: 43113

Ion Ratio Lower Upper

62 100

64 33.0 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

30000

25000

20000

15000

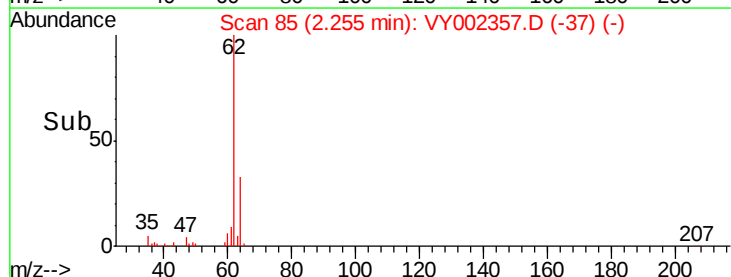
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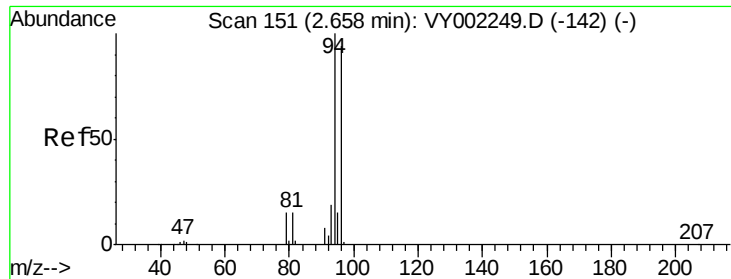
5000

0

Time-->

2.15 2.20 2.25 2.30 2.35





#5

Bromomethane

Concen: 20.667 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

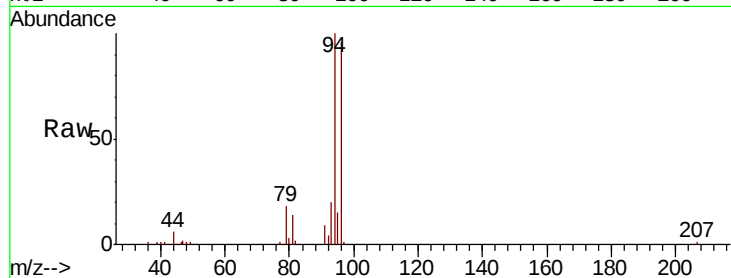
ClientSampleId :

Tot Ion: 94 Resp: 28115

Ion Ratio Lower Upper

94 100

96 96.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

15000

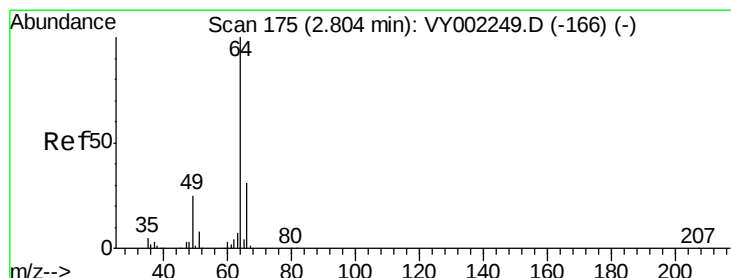
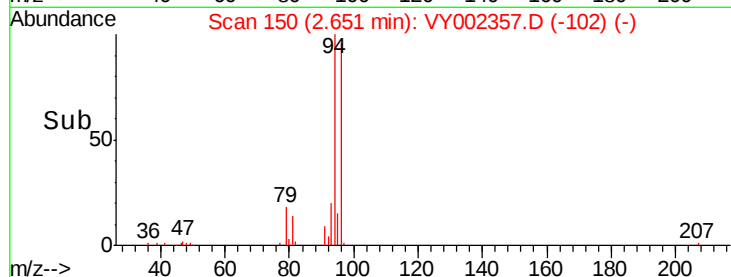
10000

5000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 20.043 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002357.D

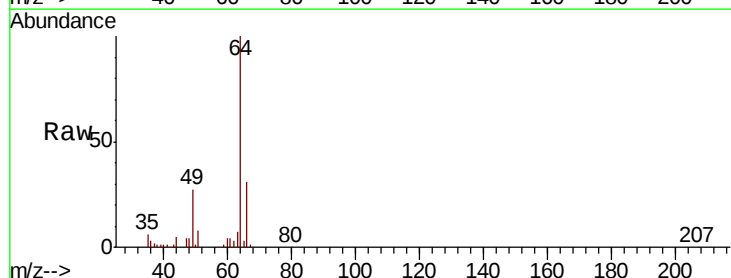
Acq: 16 Apr 2020 11:34

Tgt Ion: 64 Resp: 25465

Ion Ratio Lower Upper

64 100

66 31.2 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

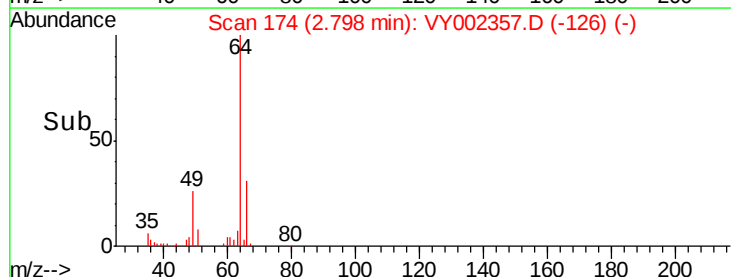
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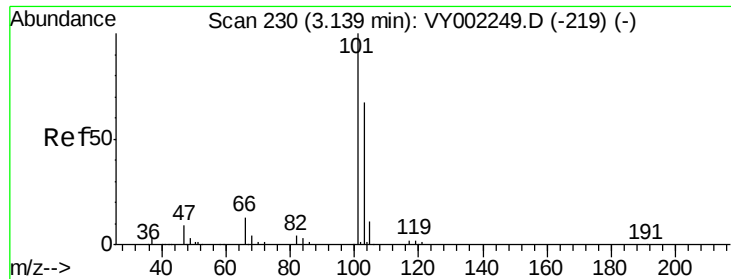
5000

0

Time-->

2.70 2.80 2.90



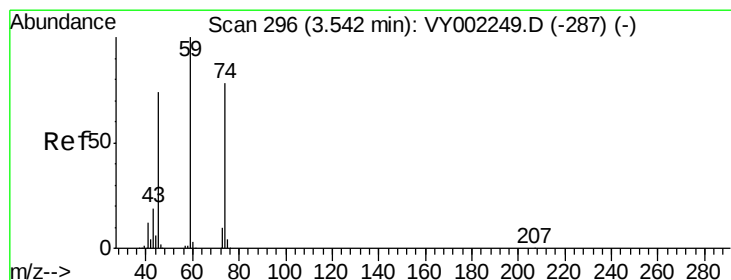
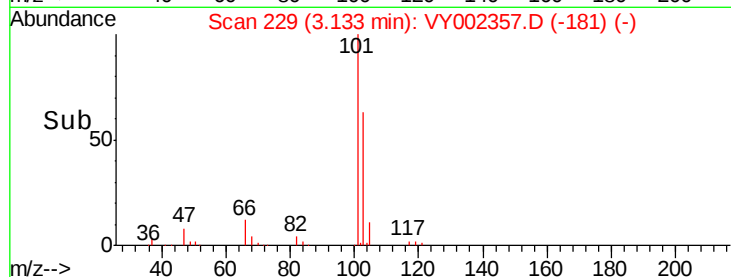
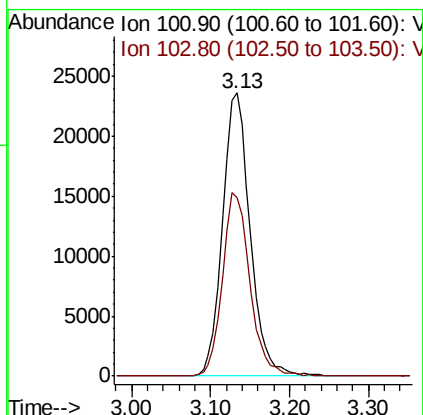
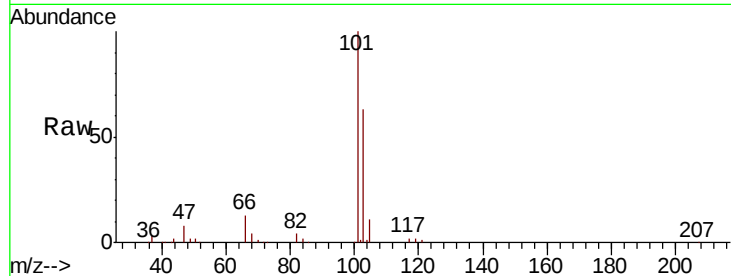


#7

Trichlorofluoromethane  
 Concen: 20.249 ug/l  
 RT: 3.13 min Scan# 229  
 Delta R.T. -0.01 min  
 Lab File: VY002357.D  
 Acq: 16 Apr 2020 11:34

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

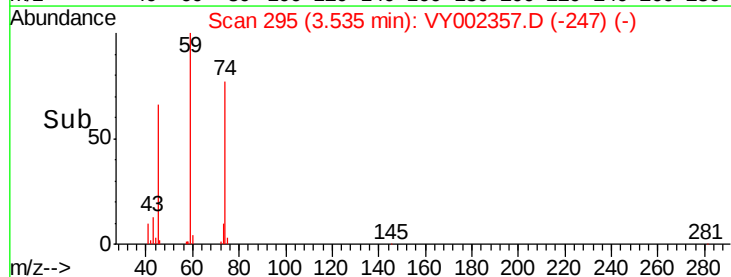
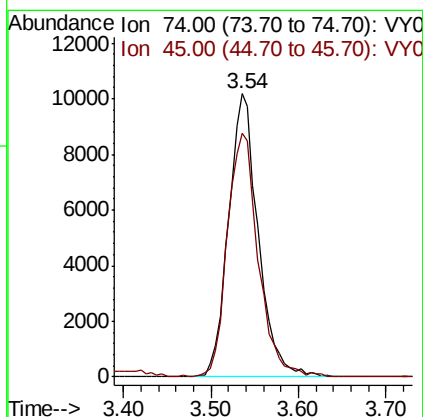
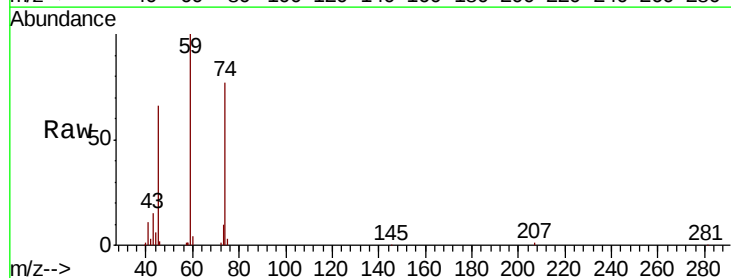
Tot Ion:101 Resp: 57610  
 Ion Ratio Lower Upper  
 101 100  
 103 62.9 53.3 79.9

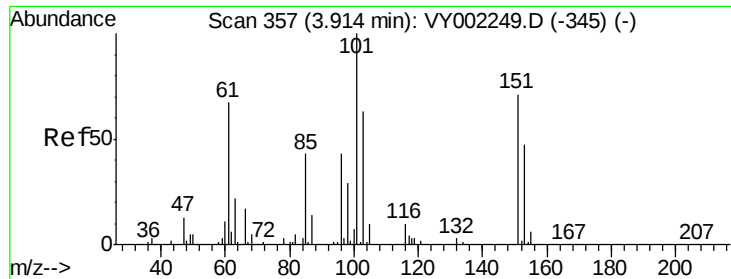


#8

Diethyl Ether  
 Concen: 19.890 ug/l  
 RT: 3.54 min Scan# 295  
 Delta R.T. -0.01 min  
 Lab File: VY002357.D  
 Acq: 16 Apr 2020 11:34

Tgt Ion: 74 Resp: 24057  
 Ion Ratio Lower Upper  
 74 100  
 45 89.3 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.896 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

ClientSampleId :

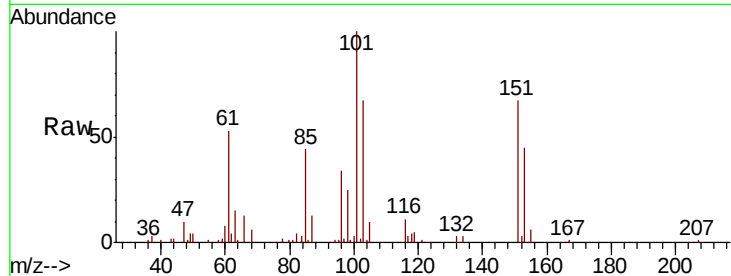
Tot Ion:101 Resp: 40383

Ion Ratio Lower Upper

101 100

85 43.6 34.6 52.0

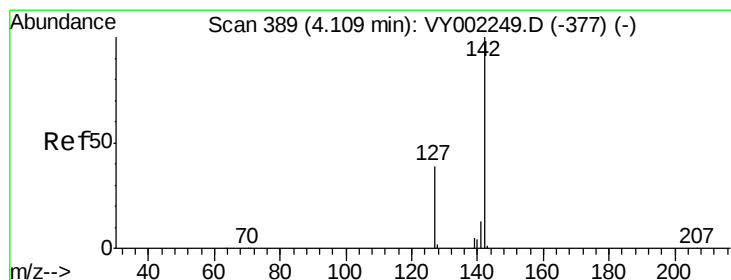
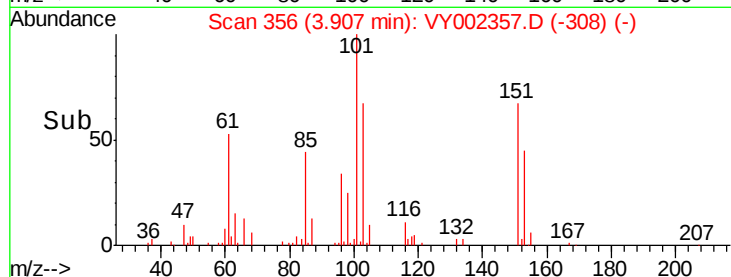
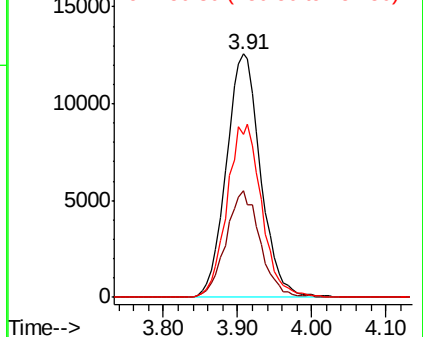
151 71.7 57.6 86.4



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: 19.026 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

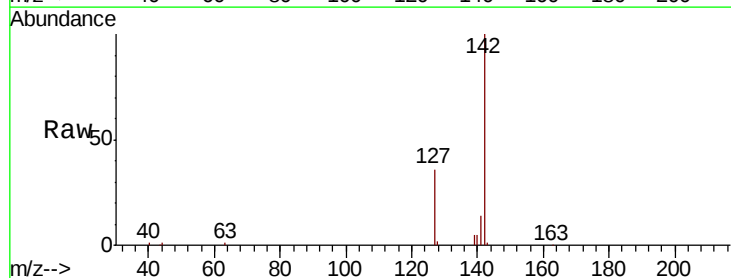
Tgt Ion:142 Resp: 42740

Ion Ratio Lower Upper

142 100

127 37.0 32.4 48.6

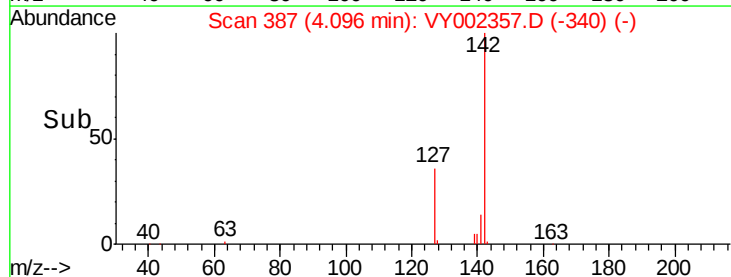
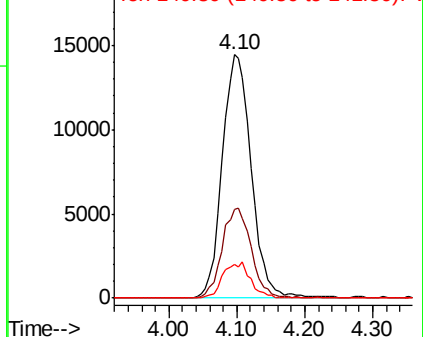
141 14.0 11.2 16.8

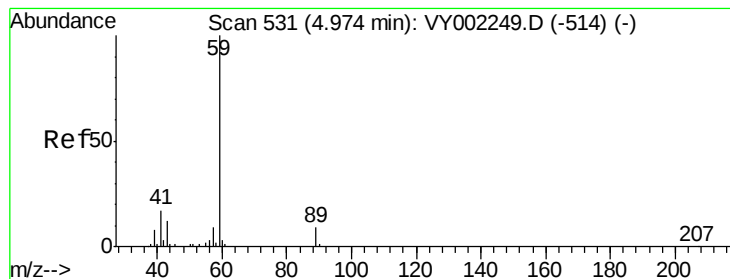


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



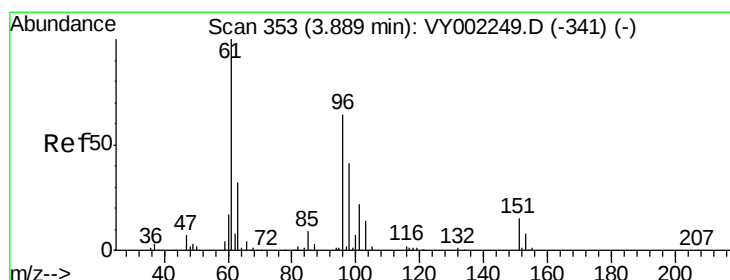
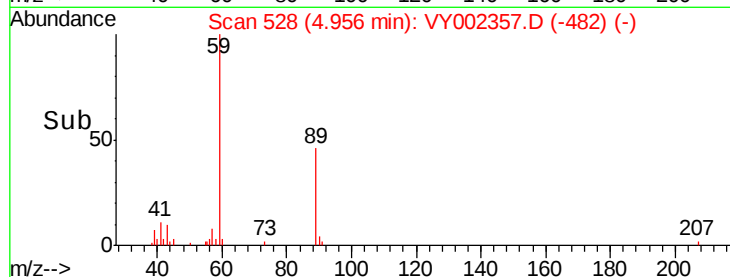
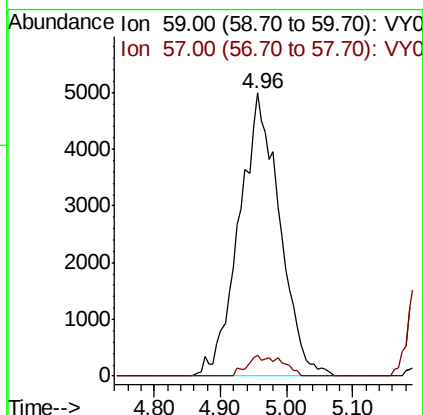
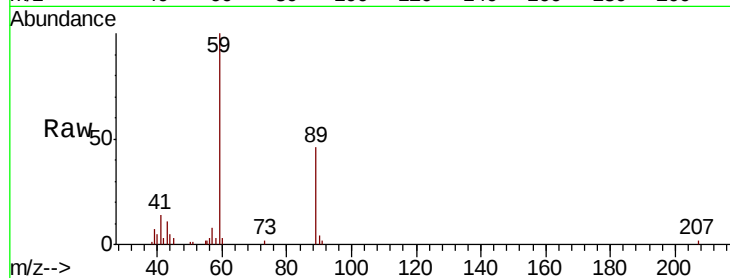


#11

Tert butyl alcohol  
 Concen: 88.575 ug/l  
 RT: 4.96 min Scan# 528  
 Delta R.T. -0.02 min  
 Lab File: VY002357.D  
 Acq: 16 Apr 2020 11:34

Instrument :  
 MSVOA\_Y  
 ClientSampled :

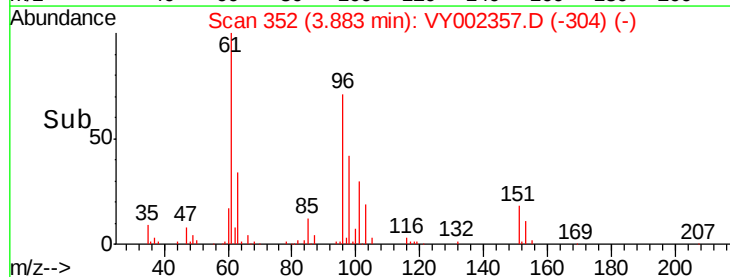
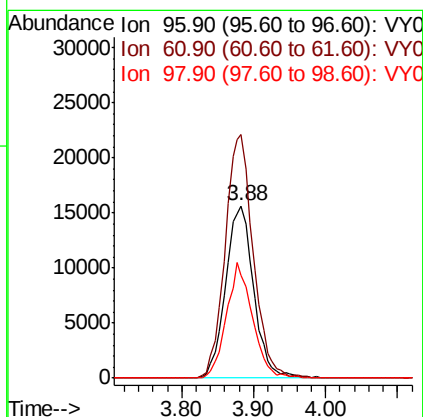
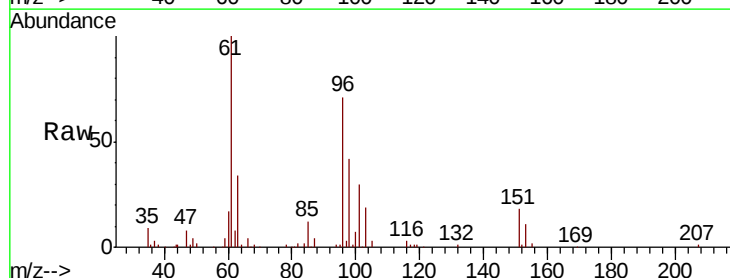
Tot Ion: 59 Resp: 21242  
 Ion Ratio Lower Upper  
 59 100  
 57 3.3 6.6 9.8#

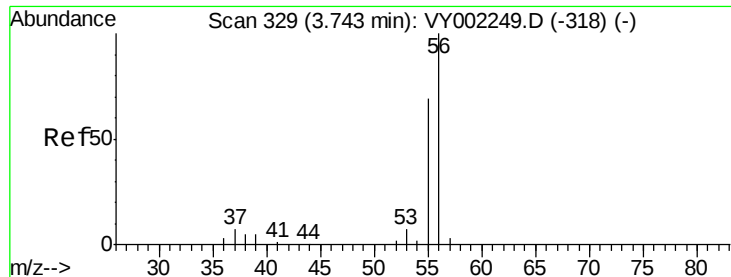


#12

1,1-Dichloroethene  
 Concen: 21.658 ug/l  
 RT: 3.88 min Scan# 352  
 Delta R.T. -0.01 min  
 Lab File: VY002357.D  
 Acq: 16 Apr 2020 11:34

Tgt Ion: 96 Resp: 42553  
 Ion Ratio Lower Upper  
 96 100  
 61 141.5 125.9 188.9  
 98 60.1 51.1 76.7





#13

Acrolein

Concen: 74.054 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

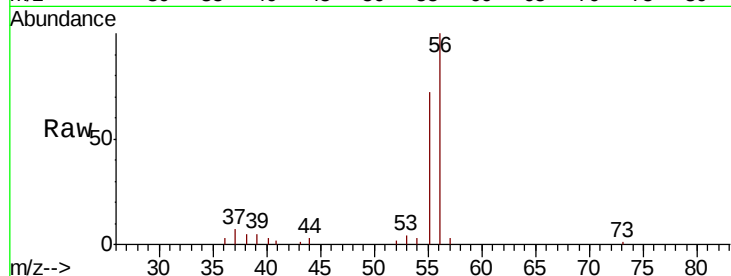
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 56 Resp: 17278

Ion Ratio Lower Upper

56 100

55 75.1 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

8000

6000

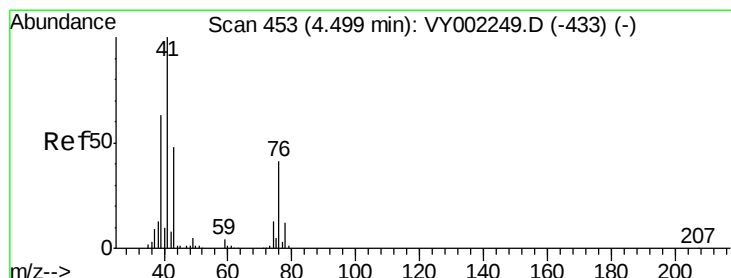
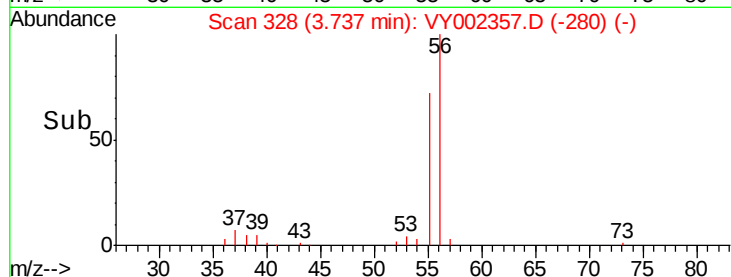
4000

2000

0

3.70 3.74 3.80

Time-->



#14

Allyl chloride

Concen: 18.697 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

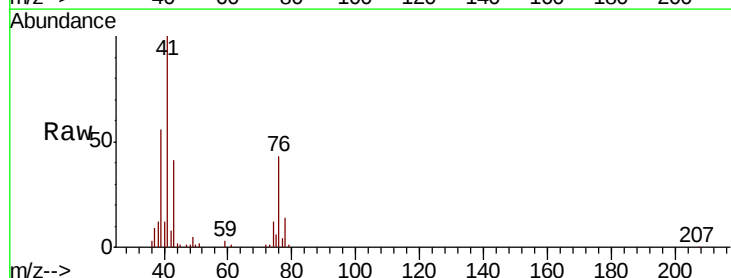
Tgt Ion: 41 Resp: 59322

Ion Ratio Lower Upper

41 100

39 57.3 48.0 72.0

76 43.5 31.0 46.6



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

25000

20000

15000

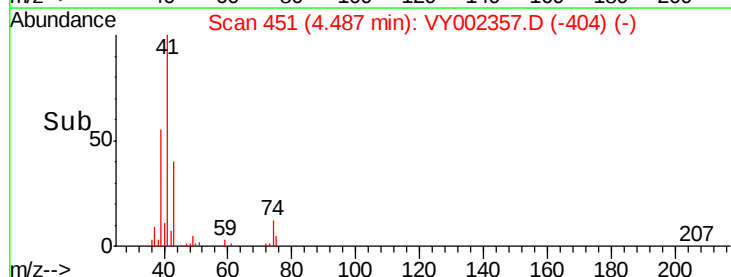
10000

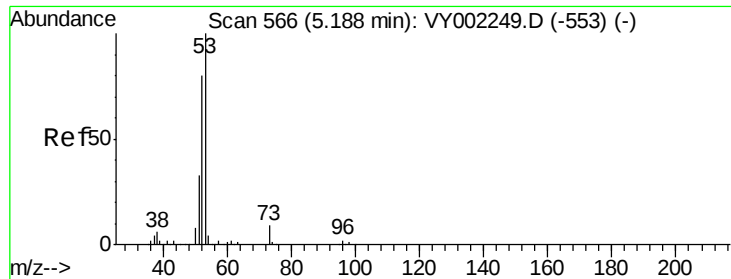
5000

0

4.30 4.40 4.49 4.60 4.70

Time-->





#15

Acrylonitrile

Concen: 87.563 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.02 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

ClientSampleId :

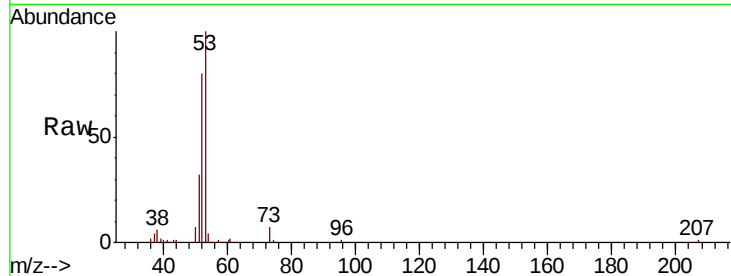
Tot Ion: 53 Resp: 54158

Ion Ratio Lower Upper

53 100

52 79.9 65.1 97.7

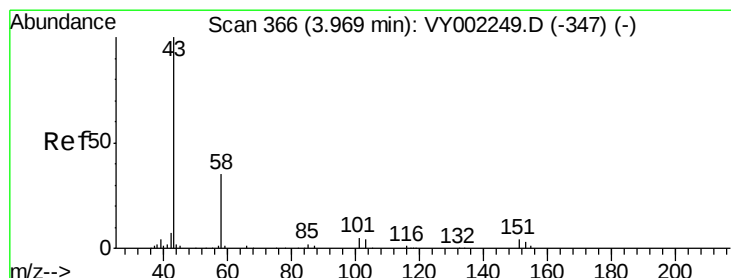
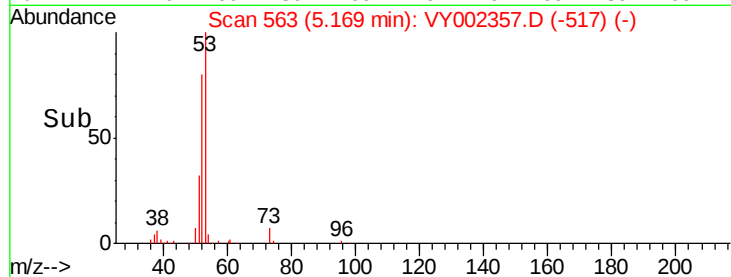
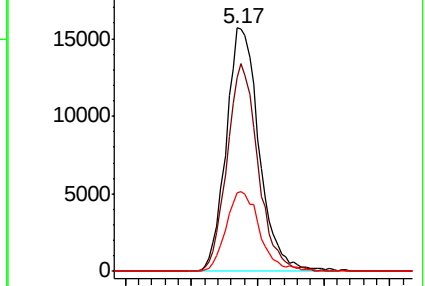
51 33.4 27.1 40.7



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 81.703 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002357.D

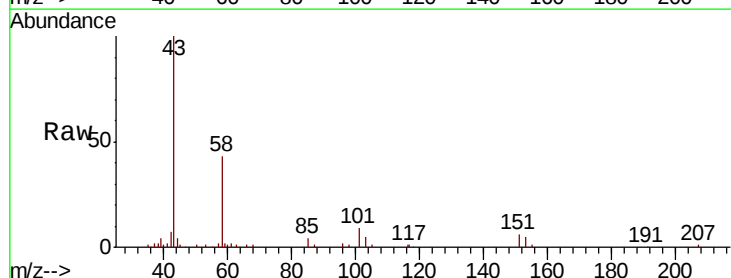
Acq: 16 Apr 2020 11:34

Tgt Ion: 43 Resp: 38940

Ion Ratio Lower Upper

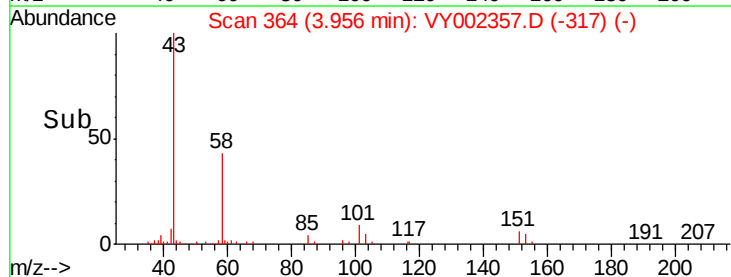
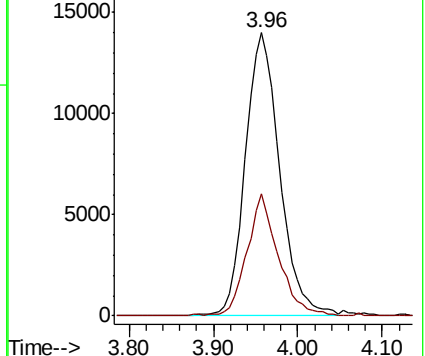
43 100

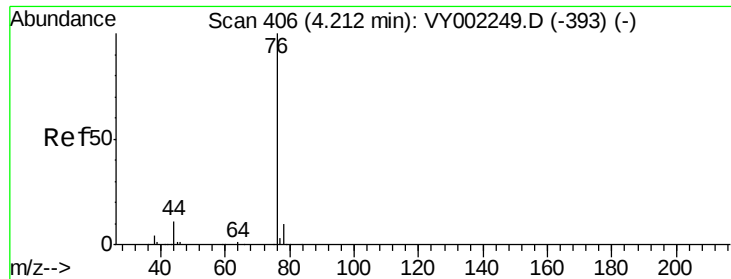
58 43.1 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

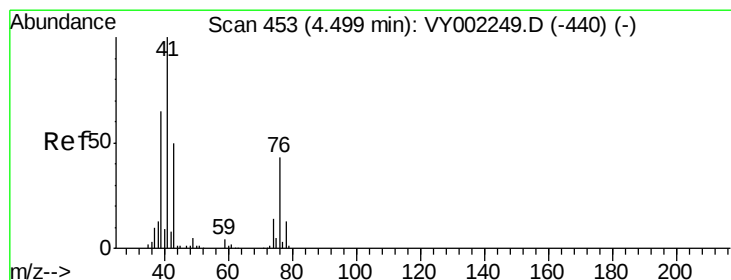
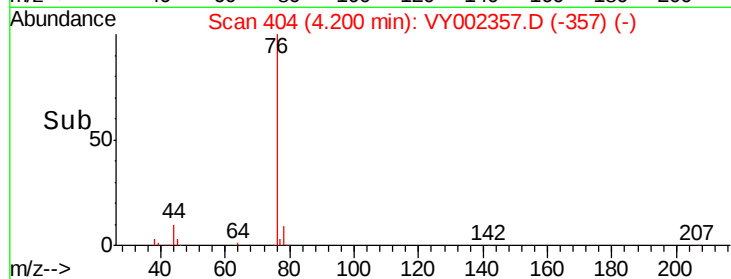
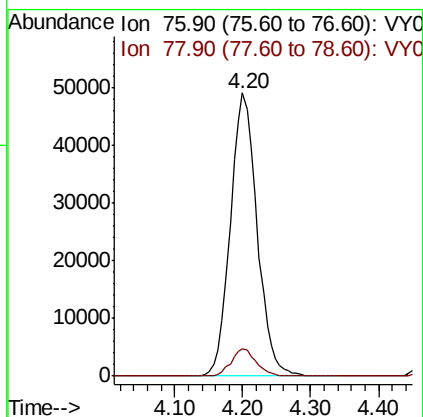
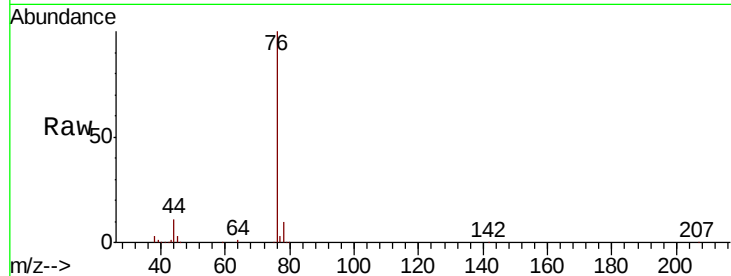




#17  
Carbon Disulfide  
Concen: 20.577 ug/l  
RT: 4.20 min Scan# 404  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

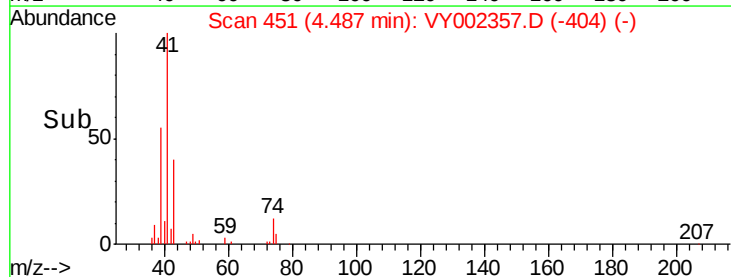
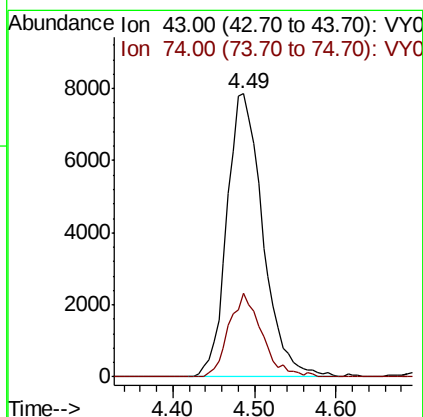
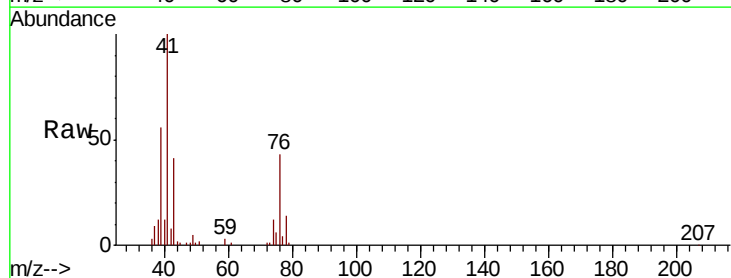
Instrument :  
MSVOA\_Y  
ClientSampleId :

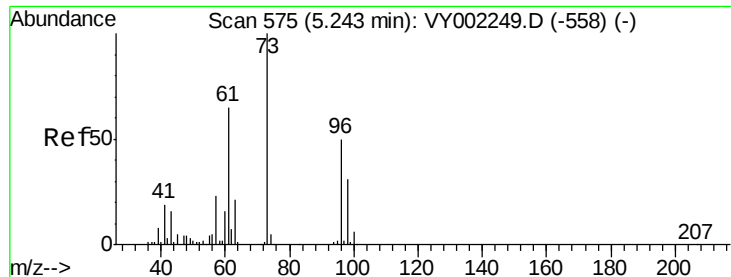
Tot Ion: 76 Resp: 134266  
Ion Ratio Lower Upper  
76 100  
78 9.9 7.7 11.5



#18  
Methyl Acetate  
Concen: 16.199 ug/l  
RT: 4.49 min Scan# 451  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Tgt Ion: 43 Resp: 23947  
Ion Ratio Lower Upper  
43 100  
74 27.2 20.3 30.5

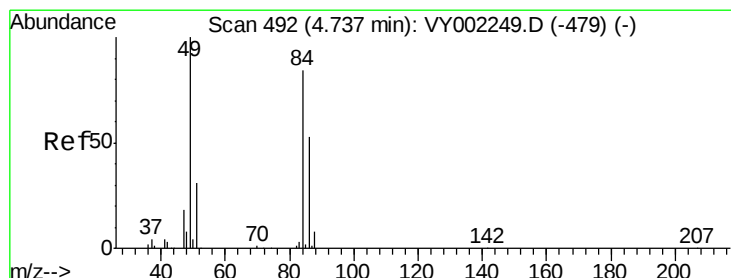
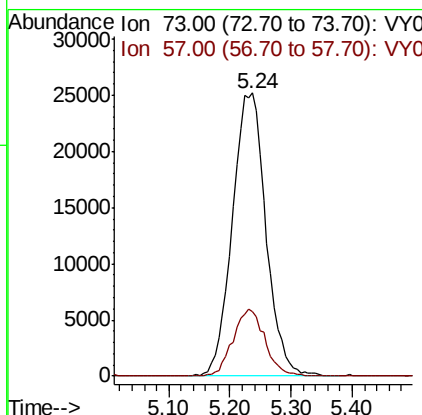
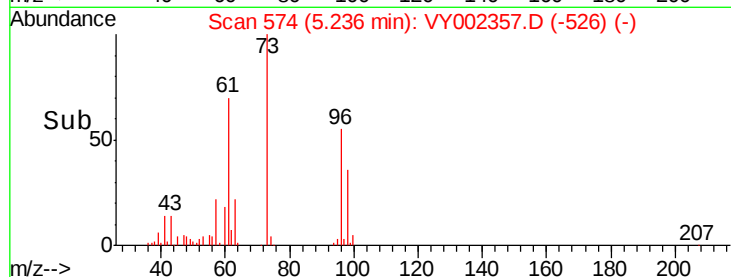
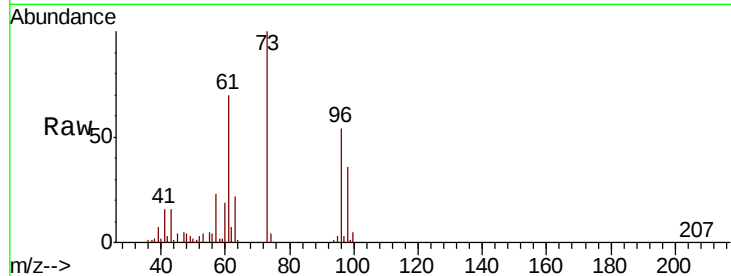




#19  
Methyl tert-butyl Ether  
Concen: 18.484 ug/l  
RT: 5.24 min Scan# 574  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

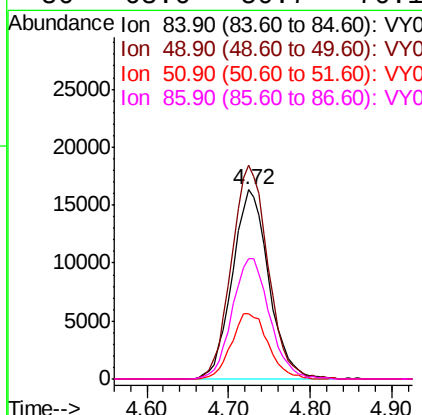
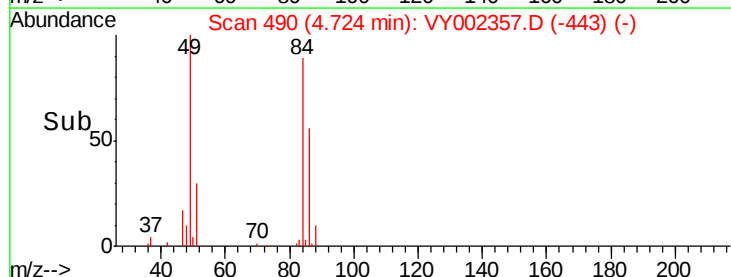
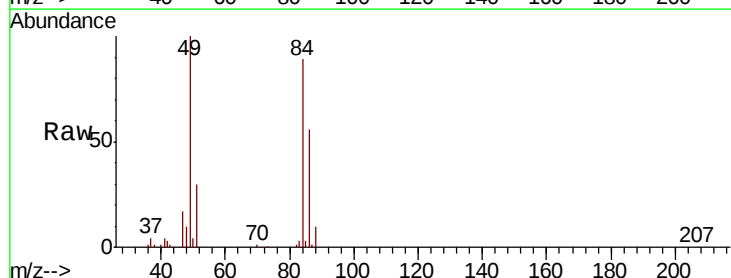
Instrument :  
MSVOA\_Y  
ClientSampled :

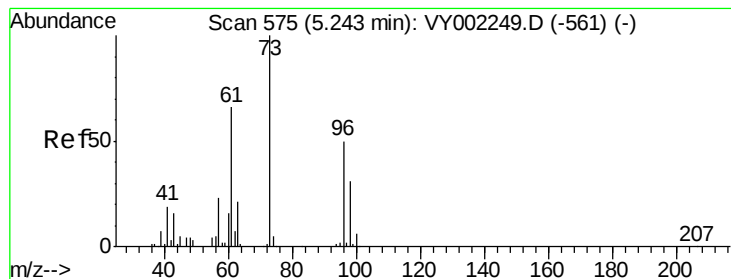
Tot Ion: 73 Resp: 95477  
Ion Ratio Lower Upper  
73 100  
57 22.8 18.7 28.1



#20  
Methylene Chloride  
Concen: 21.660 ug/l  
RT: 4.72 min Scan# 490  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Tgt Ion: 84 Resp: 50739  
Ion Ratio Lower Upper  
84 100  
49 112.9 95.5 143.3  
51 34.4 29.5 44.3  
86 63.6 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 20.748 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

ClientSampleId :

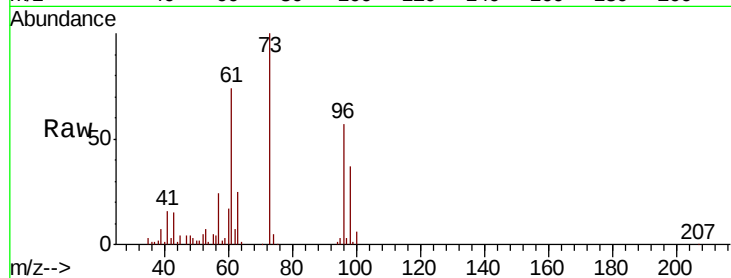
Tot Ion: 96 Resp: 45757

Ion Ratio Lower Upper

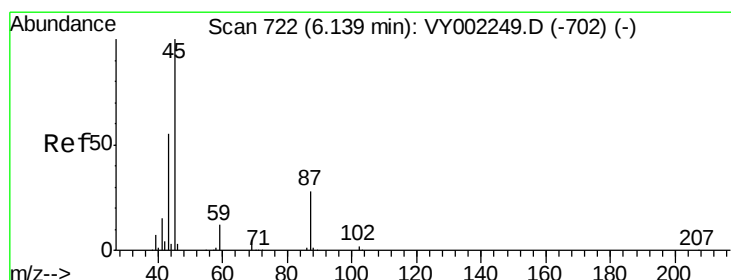
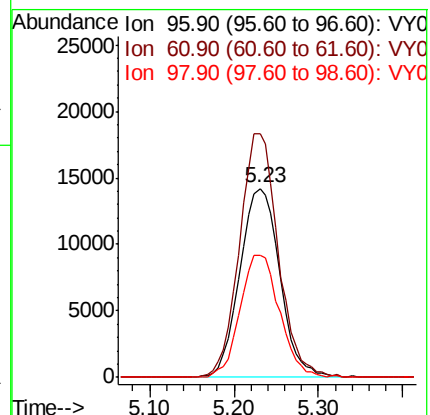
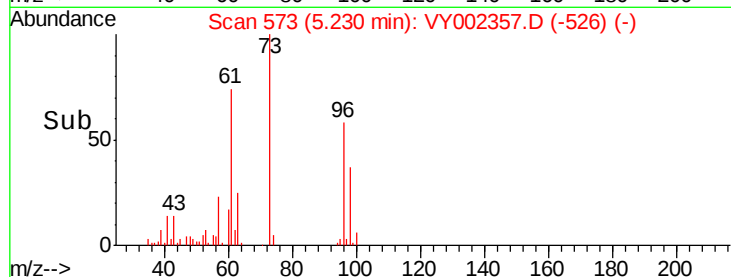
96 100

61 128.6 104.6 157.0

98 64.3 50.1 75.1



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: 18.893 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Tgt Ion: 45 Resp: 120630

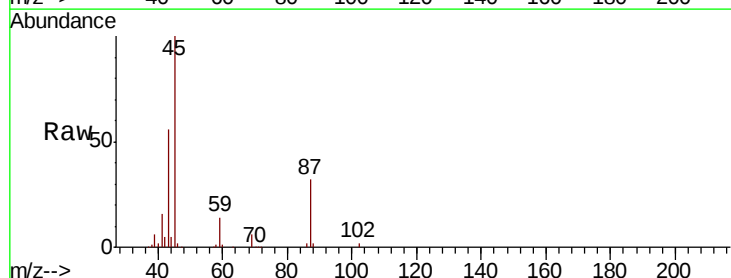
Ion Ratio Lower Upper

45 100

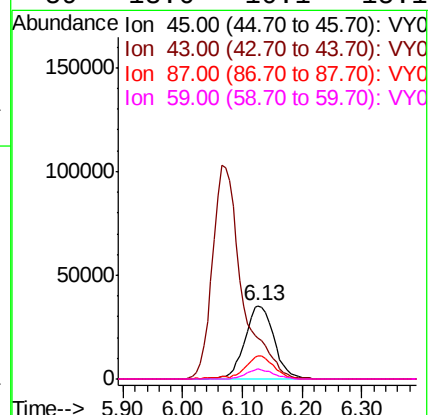
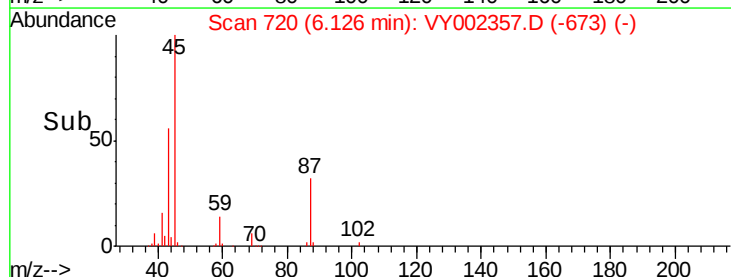
43 56.1 44.7 67.1

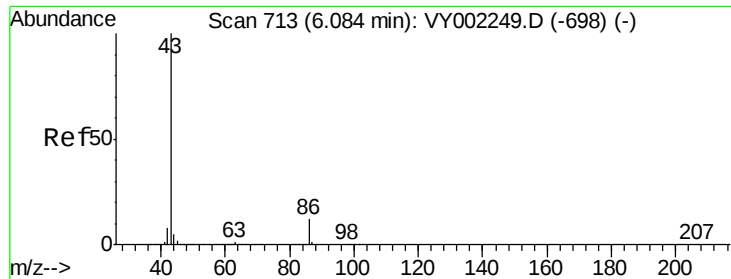
87 32.1 23.0 34.4

59 13.6 10.1 15.1



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: 86.769 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.02 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

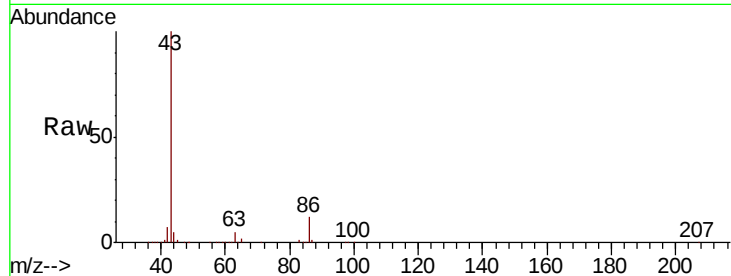
ClientSampled :

Tot Ion: 43 Resp: 353057

Ion Ratio Lower Upper

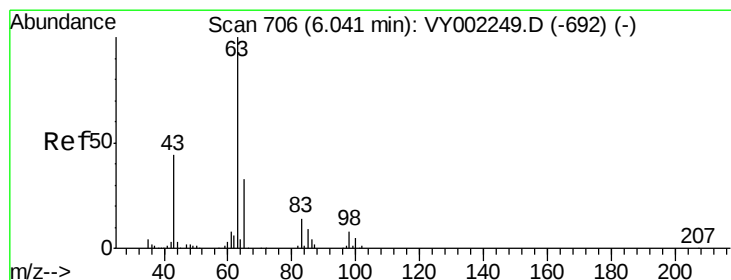
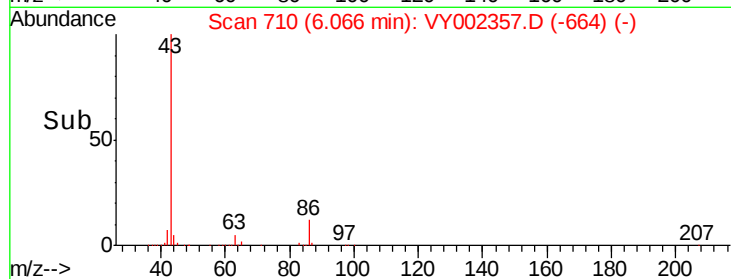
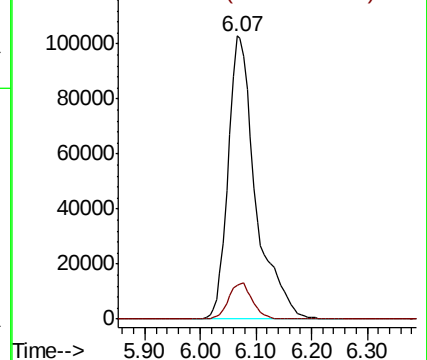
43 100

86 12.0 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.104 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

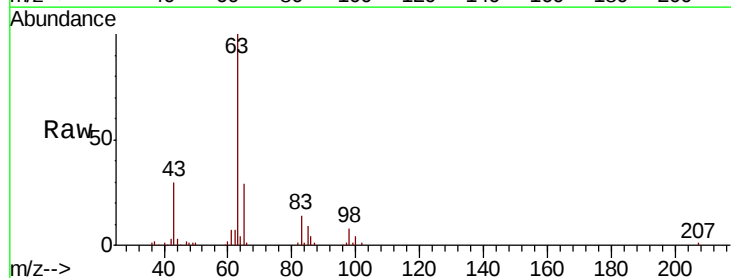
Tgt Ion: 63 Resp: 73012

Ion Ratio Lower Upper

63 100

98 8.4 4.0 12.0

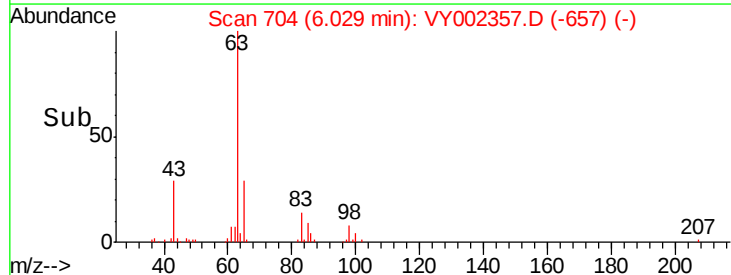
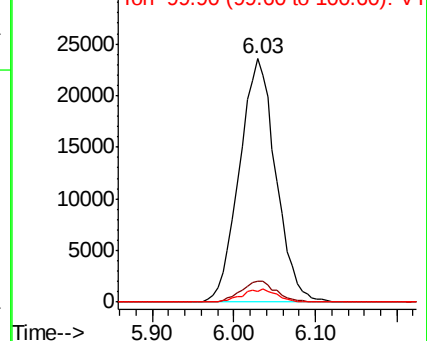
100 4.1 2.4 7.1

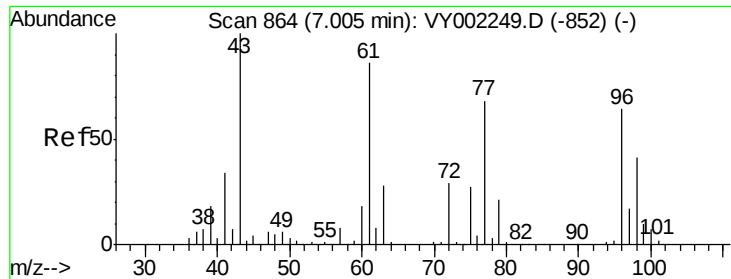


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

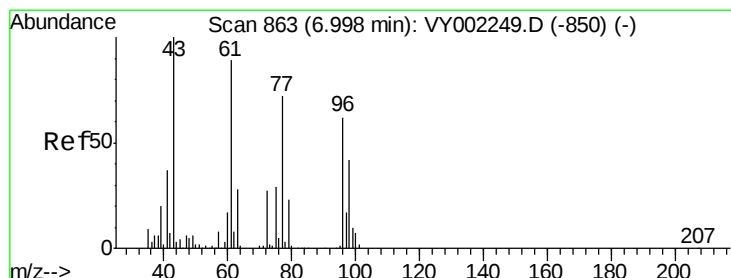
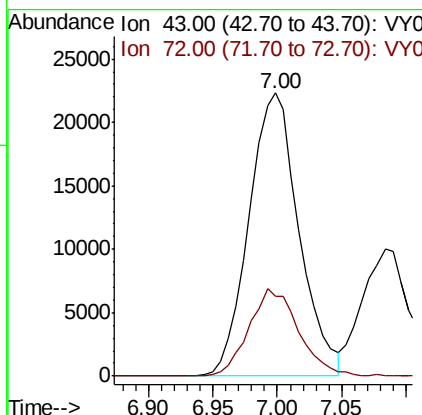
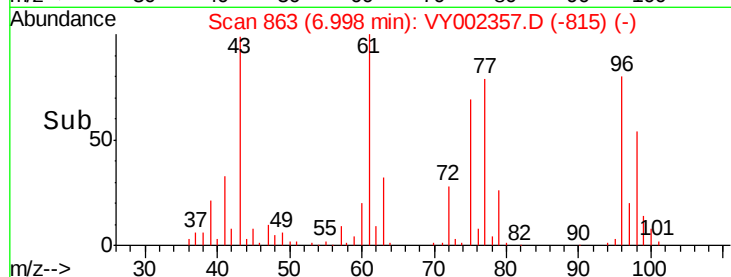
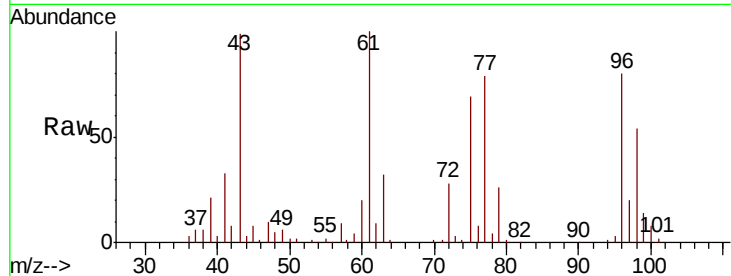




#25  
2-Butanone  
Concen: 79.674 ug/l  
RT: 7.00 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

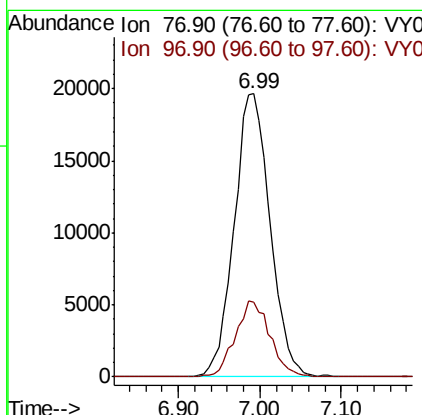
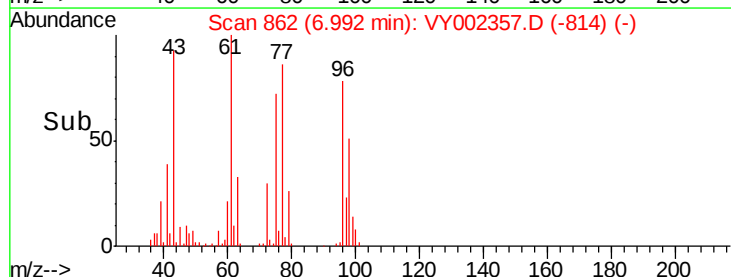
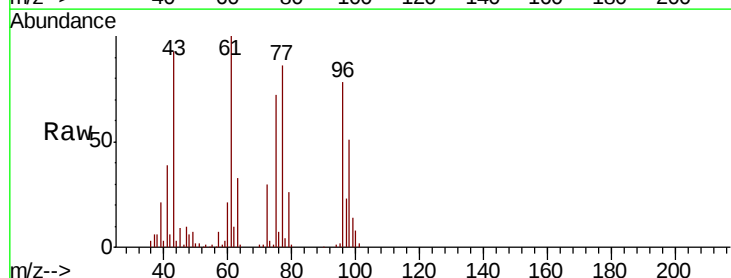
Instrument :  
MSVOA\_Y  
ClientSampled :

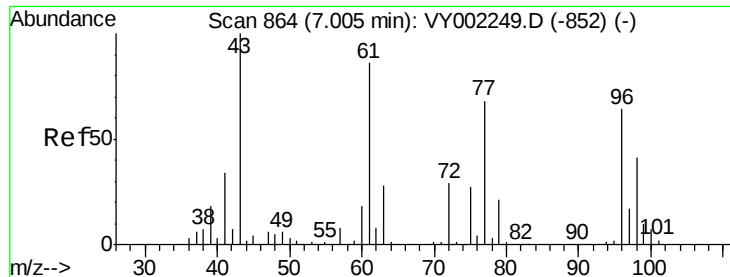
Tot Ion: 43 Resp: 60094  
Ion Ratio Lower Upper  
43 100  
72 28.3 23.2 34.8



#26  
2,2-Dichloropropane  
Concen: 19.720 ug/l  
RT: 6.99 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Tgt Ion: 77 Resp: 59909  
Ion Ratio Lower Upper  
77 100  
97 25.8 12.2 36.6



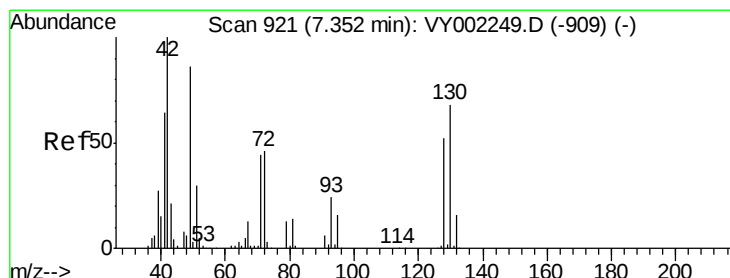
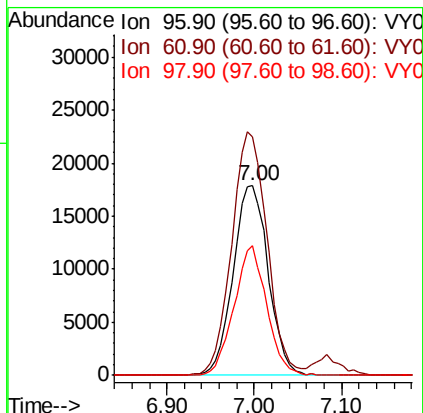
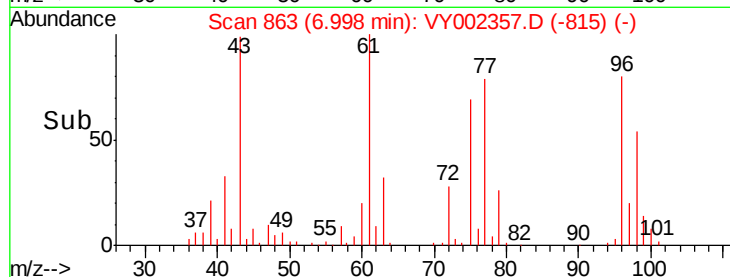
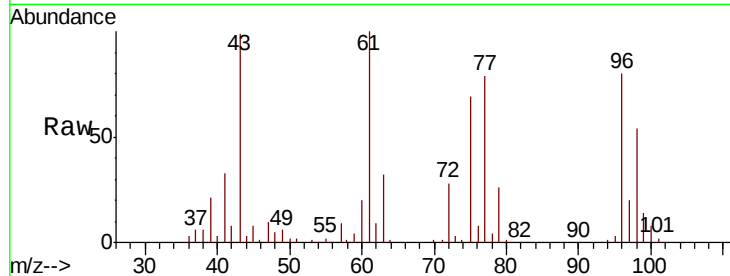


#27

cis-1,2-Dichloroethene  
Concen: 20.719 ug/l  
RT: 7.00 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Instrument :  
MSVOA\_Y  
ClientSampled :

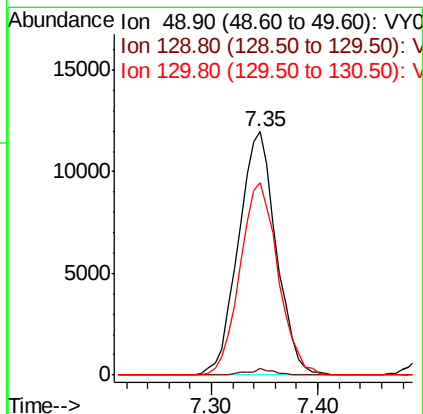
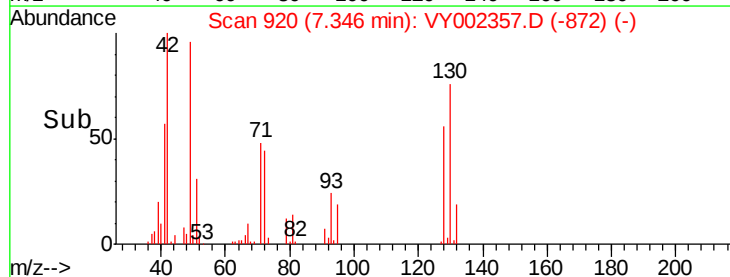
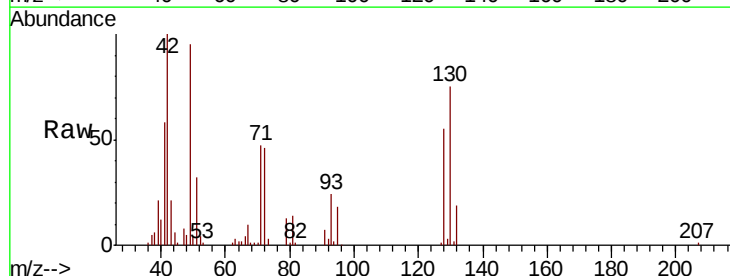
Tot Ion: 96 Resp: 49808  
Ion Ratio Lower Upper  
96 100  
61 129.3 0.0 278.0  
98 63.5 0.0 128.6

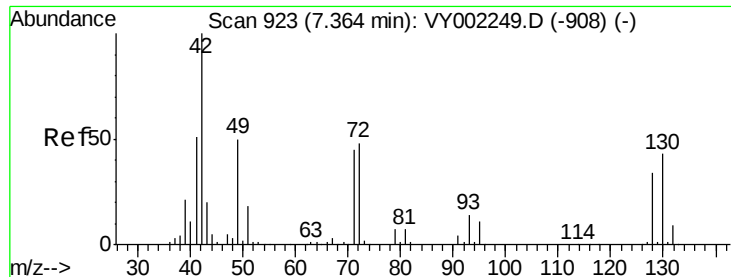


#28

Bromochloromethane  
Concen: 19.024 ug/l  
RT: 7.35 min Scan# 920  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Tgt Ion: 49 Resp: 29825  
Ion Ratio Lower Upper  
49 100  
129 1.8 0.0 4.2  
130 79.6 60.9 91.3

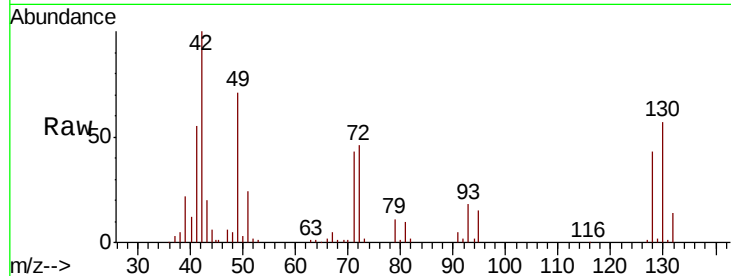




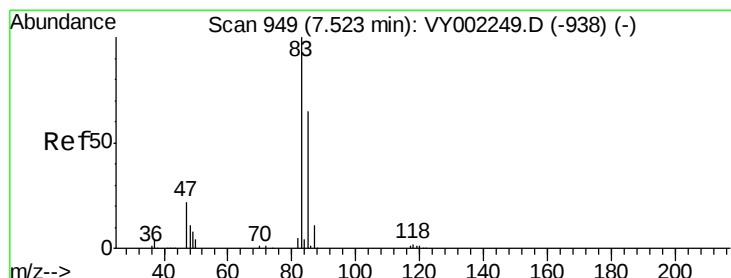
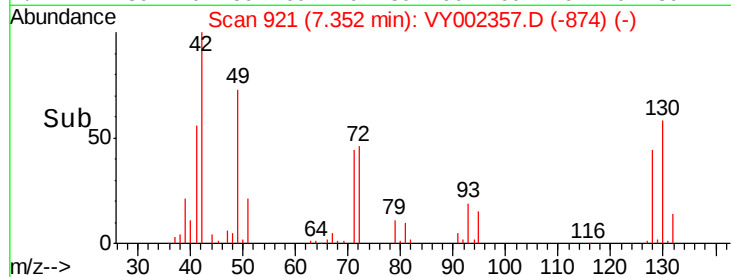
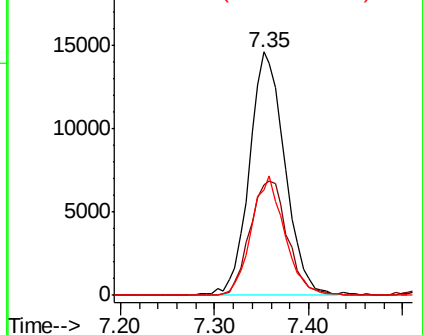
#29  
Tetrahydrofuran  
Concen: 77.385 ug/l  
RT: 7.35 min Scan# 921  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 42 Resp: 38582  
Ion Ratio Lower Upper  
42 100  
72 49.6 36.7 55.1  
71 45.8 34.7 52.1

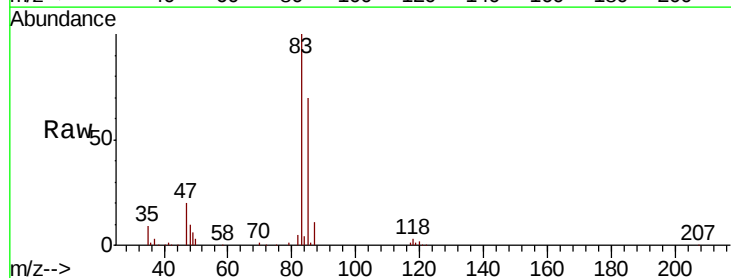


Abundance Ion 42.00 (41.70 to 42.70): VY0  
Ion 72.00 (71.70 to 72.70): VY0  
Ion 71.00 (70.70 to 71.70): VY0

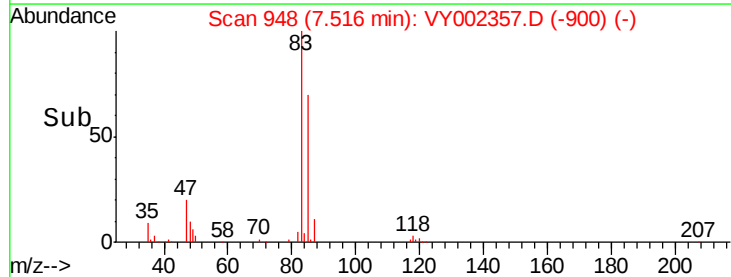
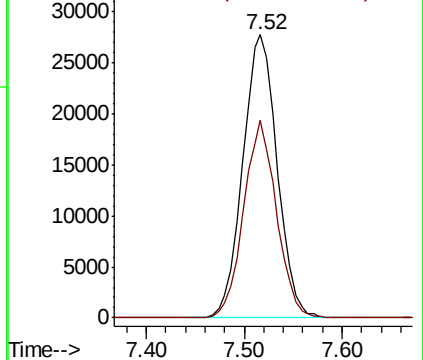


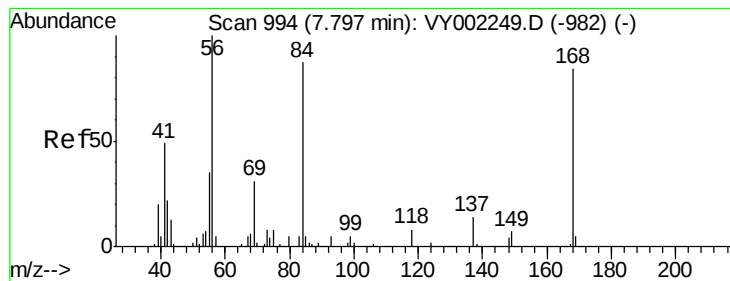
#30  
Chloroform  
Concen: 19.772 ug/l  
RT: 7.52 min Scan# 948  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Tgt Ion: 83 Resp: 67688  
Ion Ratio Lower Upper  
83 100  
85 69.9 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VY0  
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 19.705 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :  
MSVOA\_Y  
ClientSampled :

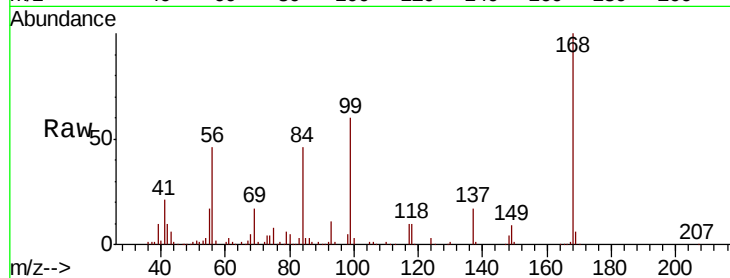
Tot Ion: 56 Resp: 75121

Ion Ratio Lower Upper

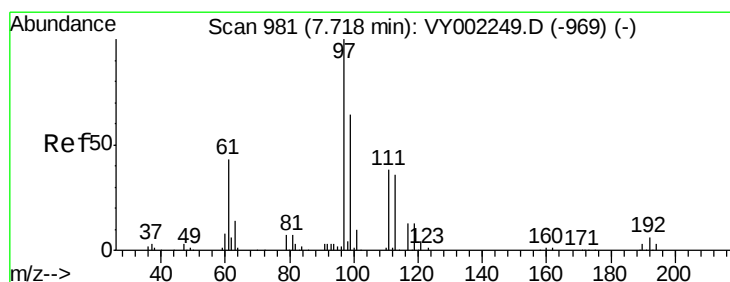
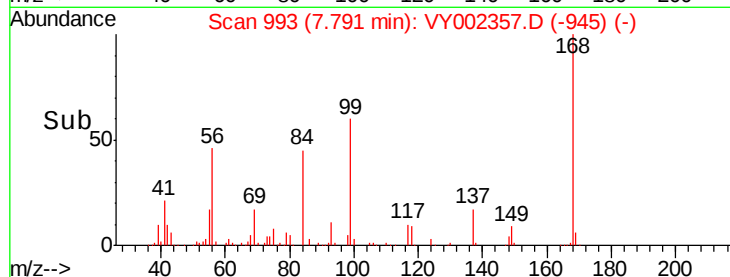
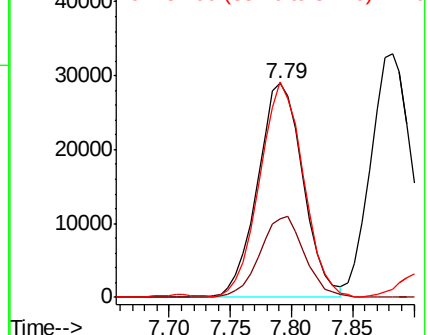
56 100

69 36.7 25.0 37.6

84 99.7 69.7 104.5



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



#32

1,1,1-Trichloroethane

Concen: 20.332 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

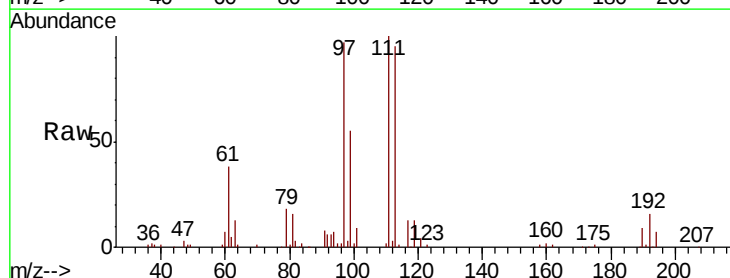
Tgt Ion: 97 Resp: 57937

Ion Ratio Lower Upper

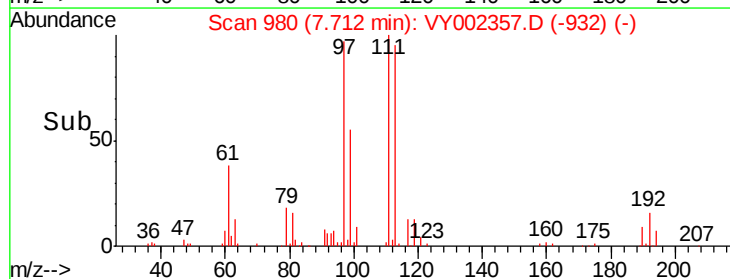
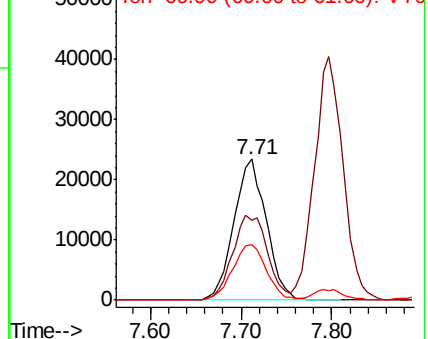
97 100

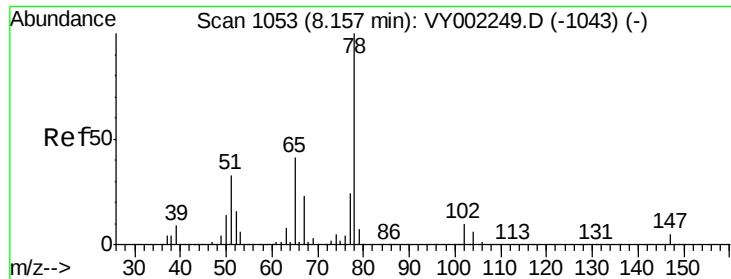
99 65.0 51.3 76.9

61 41.2 34.3 51.5



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: 43.574 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

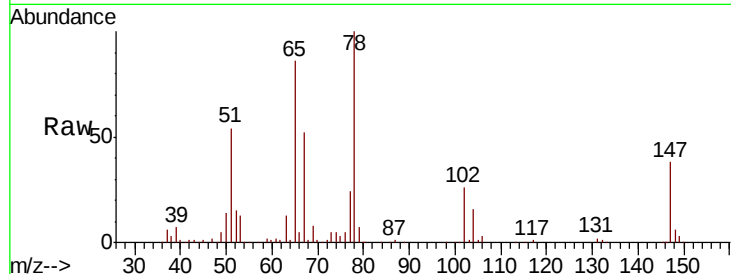
ClientSampleId :

Tot Ion: 65 Resp: 78849

Ion Ratio Lower Upper

65 100

67 60.6 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002249.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002249.D (-1043) (-)

8.15

40000

30000

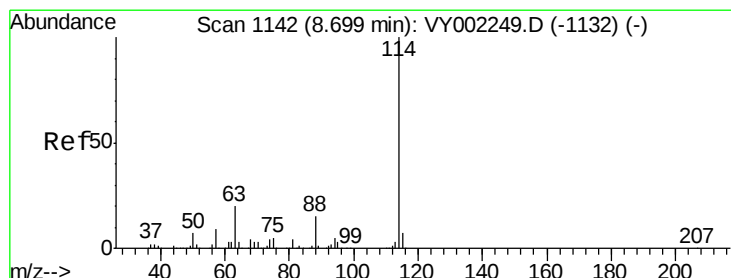
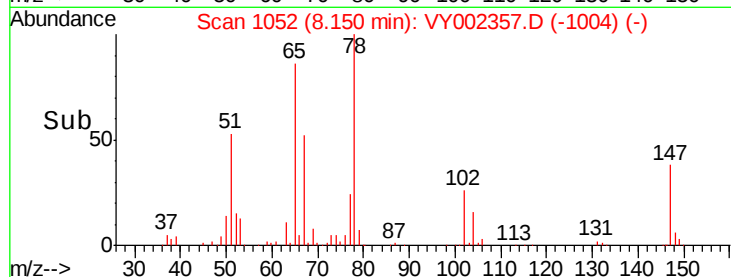
20000

10000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

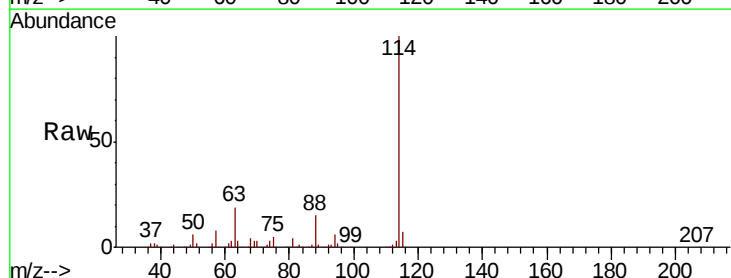
Tgt Ion: 114 Resp: 290616

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

88 14.9 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VY002249.D (-1132) (-)

Ion 63.00 (62.70 to 63.70): VY002249.D (-1132) (-)

Ion 87.90 (87.60 to 88.60): VY002249.D (-1132) (-)

8.69

200000

150000

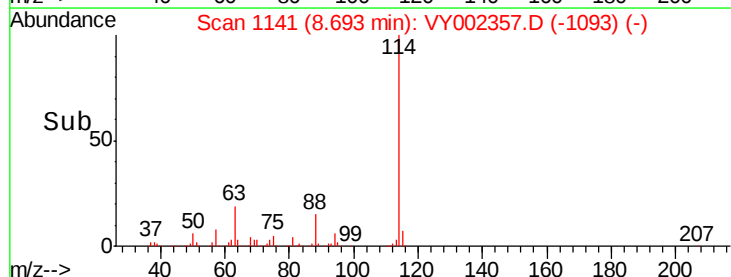
100000

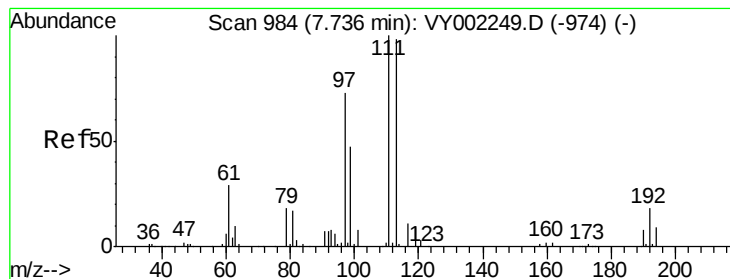
50000

0

8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 50.943 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

ClientSampleId :

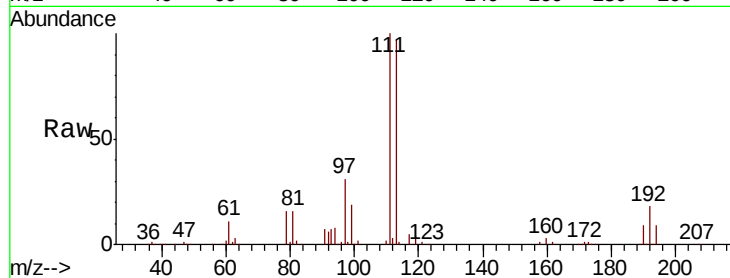
Tot Ion:113 Resp: 88094

Ion Ratio Lower Upper

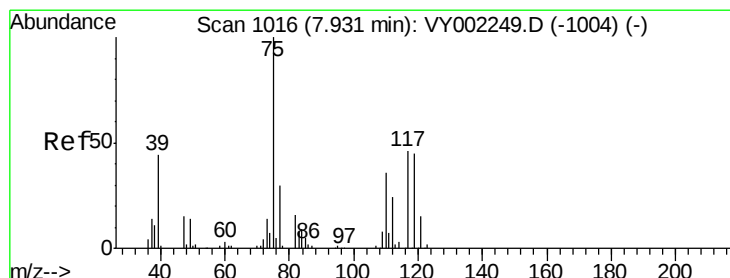
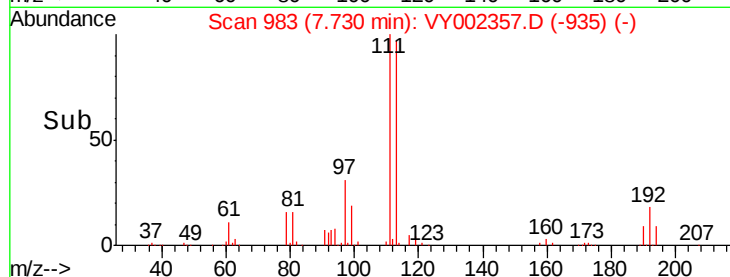
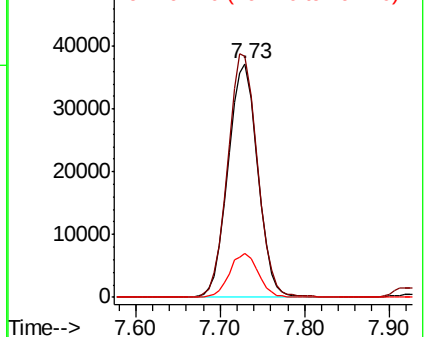
113 100

111 104.6 83.5 125.3

192 18.4 14.7 22.1



Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.396 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

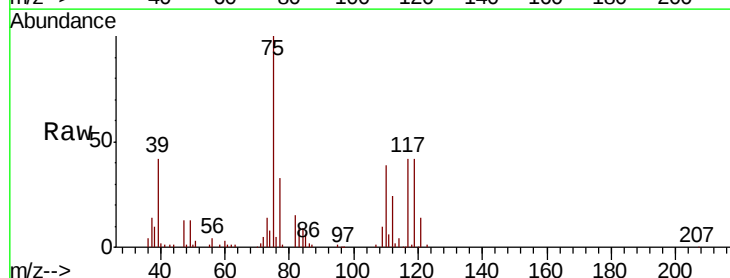
Tgt Ion: 75 Resp: 58384

Ion Ratio Lower Upper

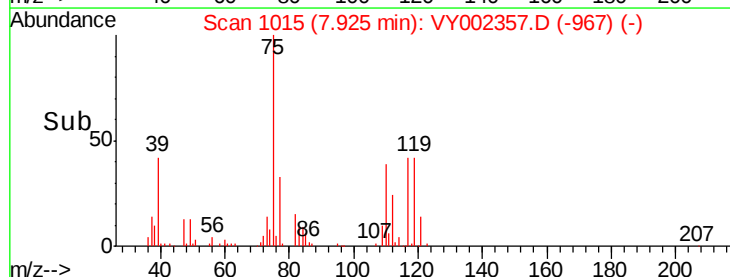
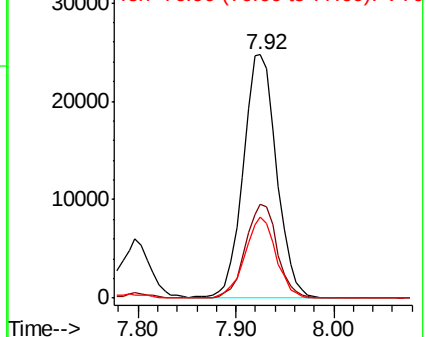
75 100

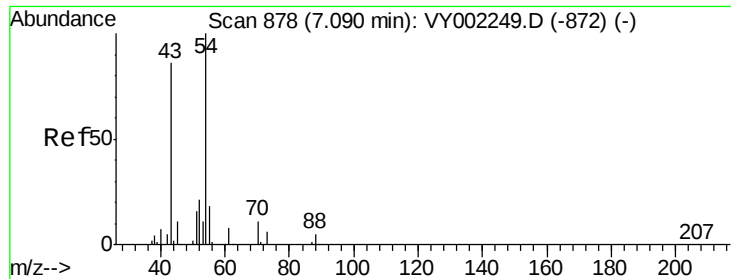
110 36.6 17.8 53.3

77 31.0 24.4 36.6



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

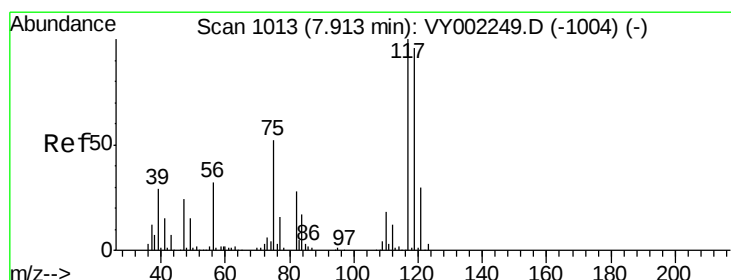
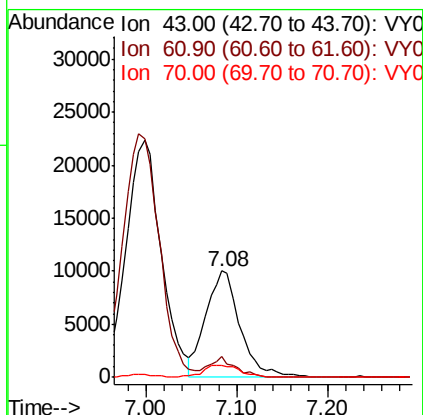
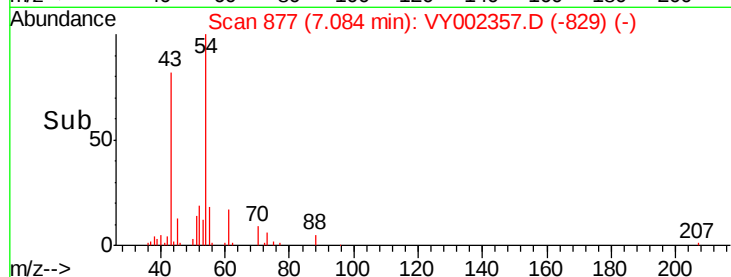
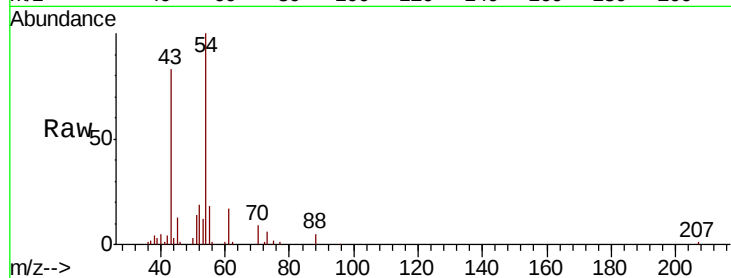




#37  
Ethyl Acetate  
Concen: 16.320 ug/l  
RT: 7.08 min Scan# 877  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

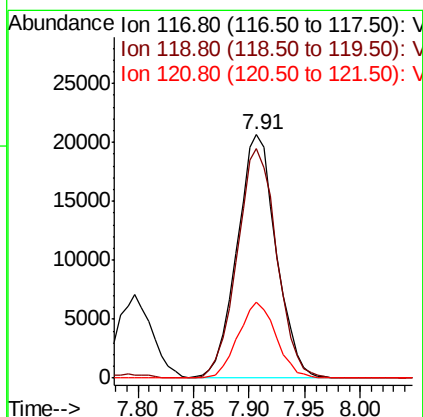
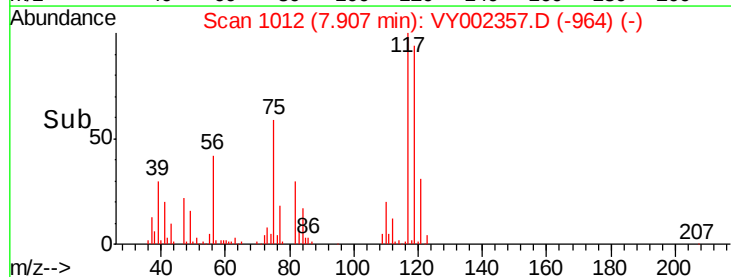
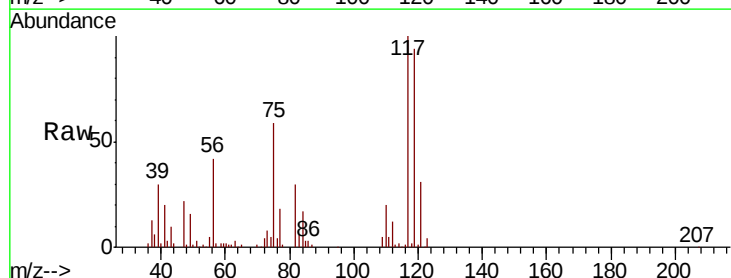
Instrument :  
MSVOA\_Y  
ClientSampled :

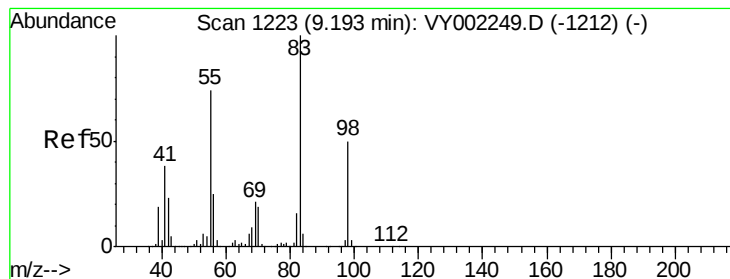
Tot Ion: 43 Resp: 26689  
Ion Ratio Lower Upper  
43 100  
61 15.3 11.8 17.6  
70 12.3 9.1 13.7



#38  
Carbon Tetrachloride  
Concen: 20.608 ug/l  
RT: 7.91 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Tgt Ion: 117 Resp: 50459  
Ion Ratio Lower Upper  
117 100  
119 94.3 77.1 115.7  
121 31.2 23.9 35.9





#39

Methvlcvclohexane

Concen: 20.639 ug/l

RT: 9.19 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

ClientSampled :

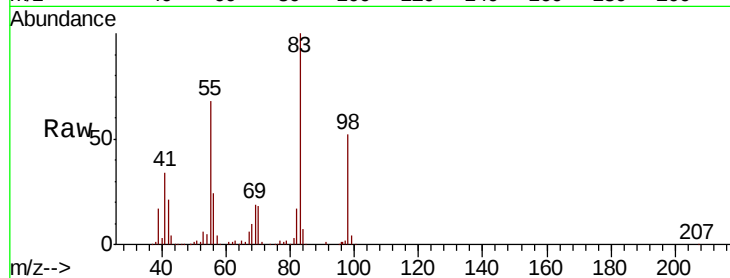
Tot Ion: 83 Resp: 80365

Ion Ratio Lower Upper

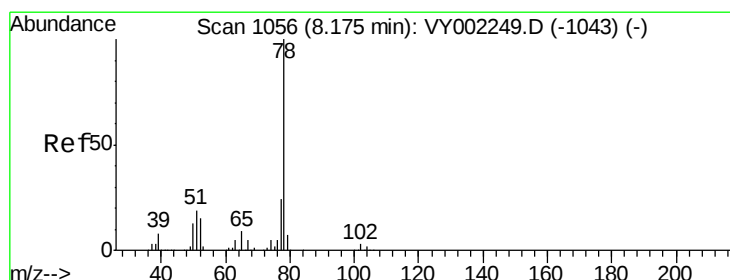
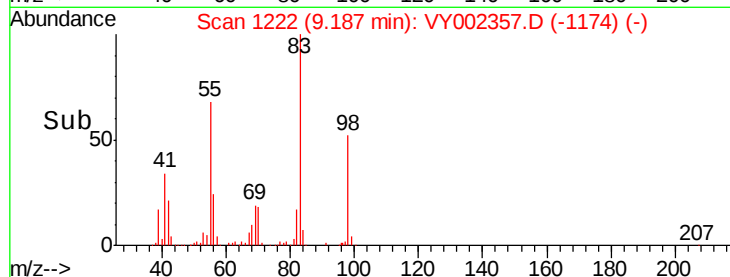
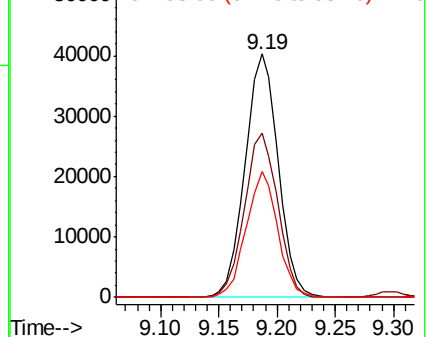
83 100

55 67.6 59.3 88.9

98 51.7 39.6 59.4



Abundance Ion 83.00 (82.70 to 83.70): VY0  
Ion 55.00 (54.70 to 55.70): VY0  
Ion 98.00 (97.70 to 98.70): VY0



#40

Benzene

Concen: 20.866 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.01 min

Lab File: VY002357.D

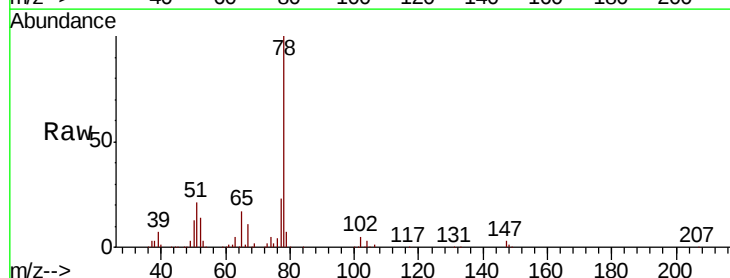
Acq: 16 Apr 2020 11:34

Tgt Ion: 78 Resp: 181223

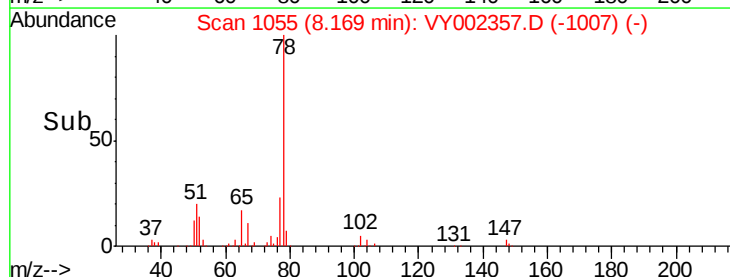
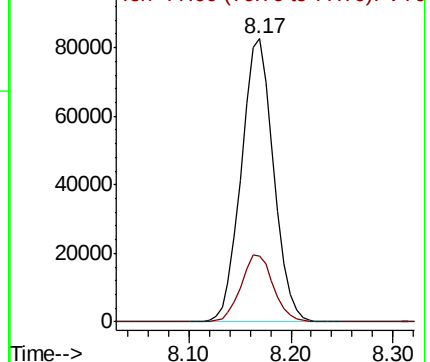
Ion Ratio Lower Upper

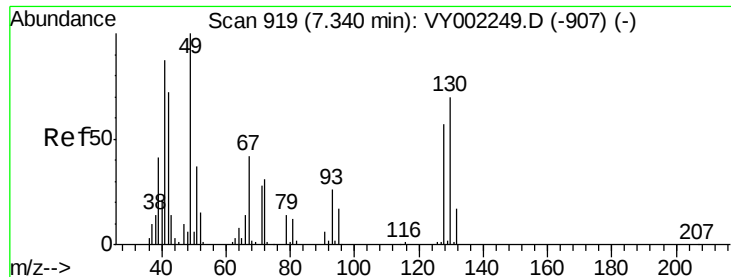
78 100

77 23.1 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VY0  
Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 36.196 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

ClientSampled :

Tot Ion: 41 Resp: 34918

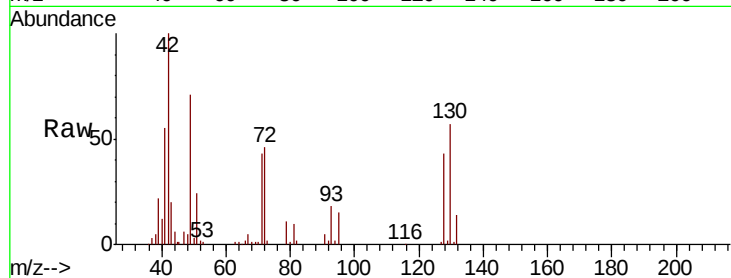
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

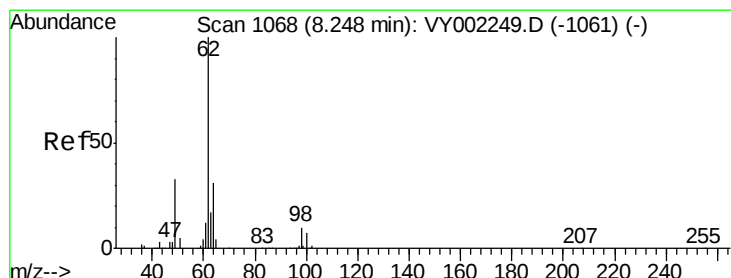
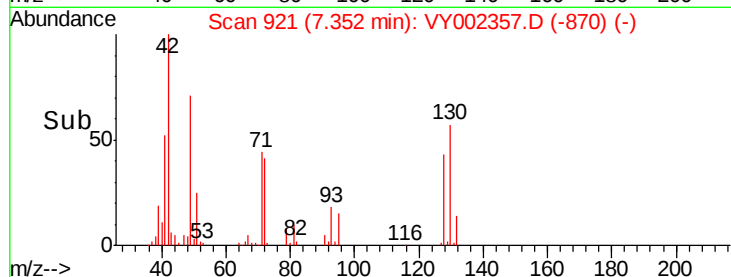
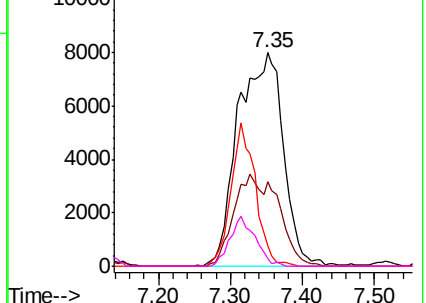


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 18.196 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY002357.D

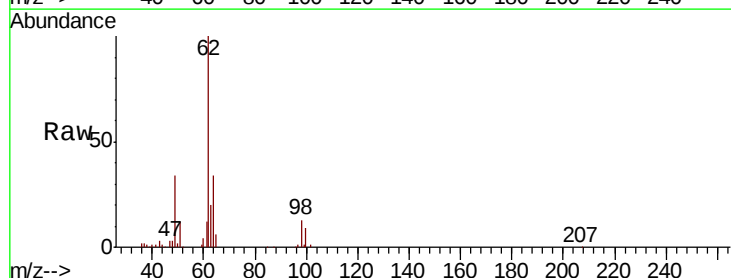
Acq: 16 Apr 2020 11:34

Tgt Ion: 62 Resp: 39147

Ion Ratio Lower Upper

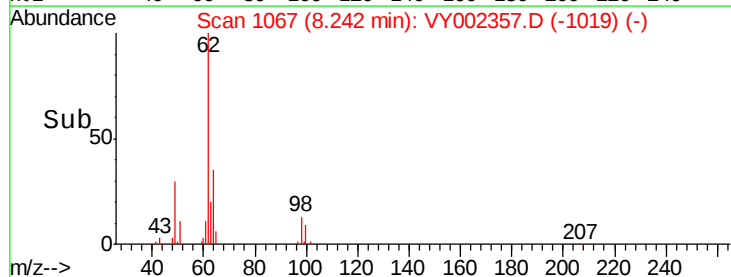
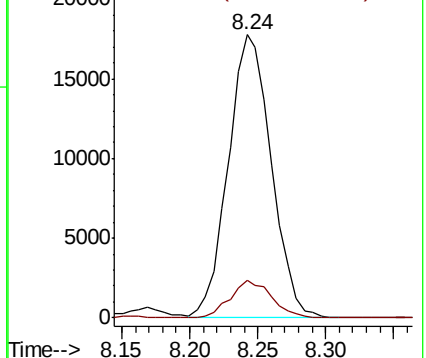
62 100

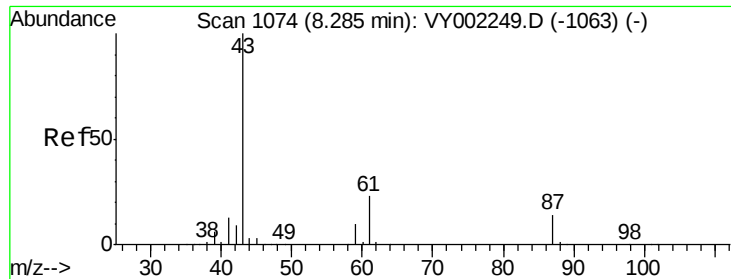
98 12.7 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 16.118 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

ClientSampleId :

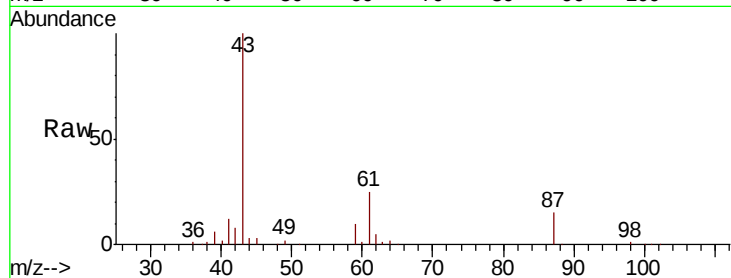
Tot Ion: 43 Resp: 48070

Ion Ratio Lower Upper

43 100

61 35.1 24.9 37.3

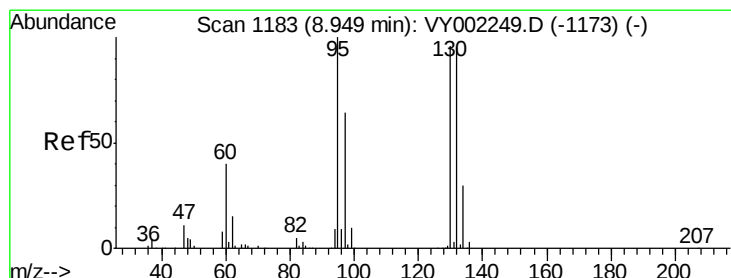
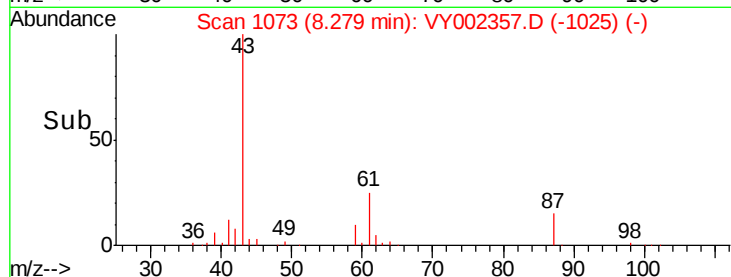
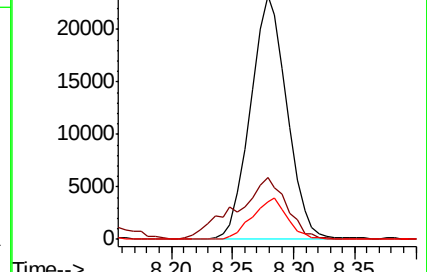
87 16.3 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY002249.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY002249.D (-1063) (-)



#44

Trichloroethene

Concen: 20.507 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY002357.D

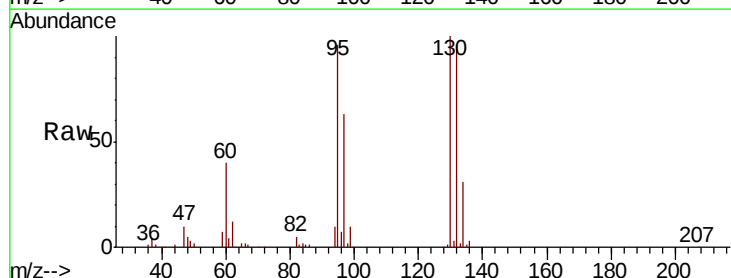
Acq: 16 Apr 2020 11:34

Tgt Ion:130 Resp: 52363

Ion Ratio Lower Upper

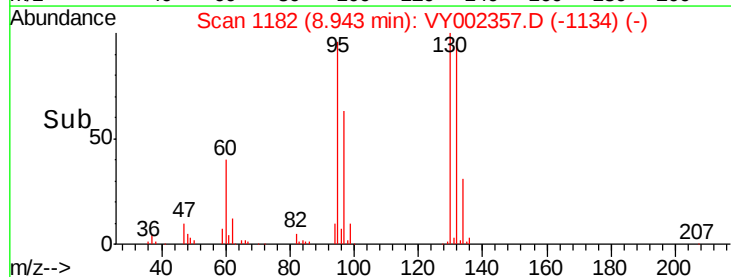
130 100

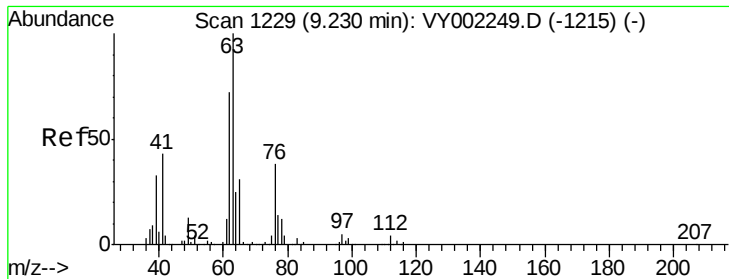
95 95.5 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): VY002249.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY002249.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 20.000 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

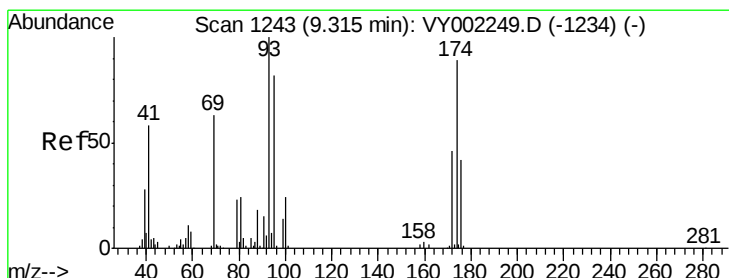
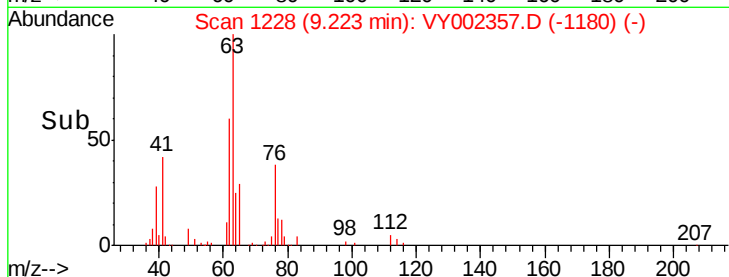
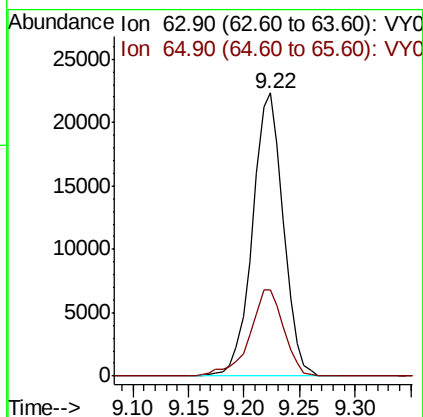
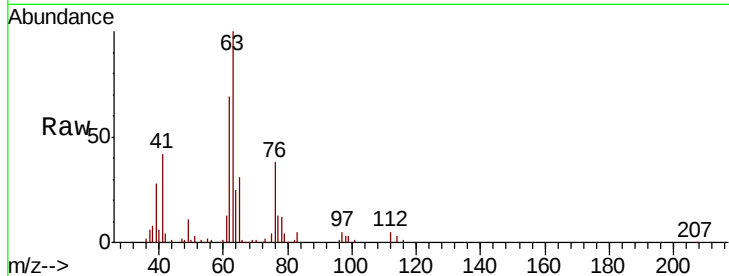
ClientSampled :

Tot Ion: 63 Resp: 43097

Ion Ratio Lower Upper

63 100

65 30.6 24.6 37.0



#46

Dibromomethane

Concen: 19.582 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

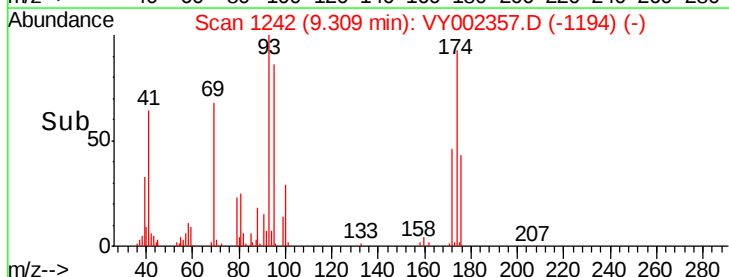
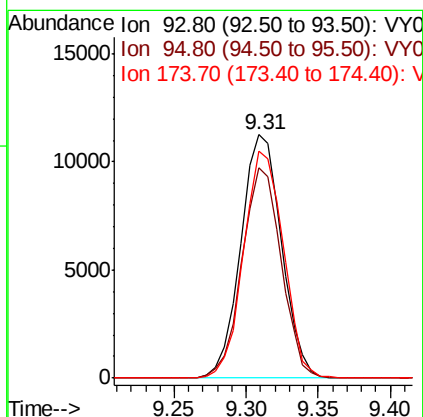
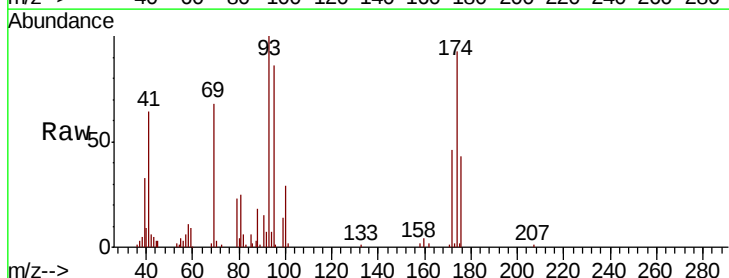
Tgt Ion: 93 Resp: 22063

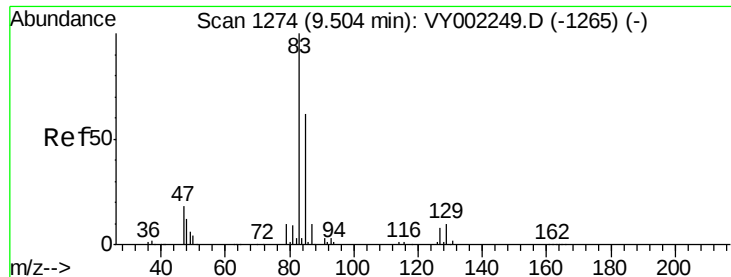
Ion Ratio Lower Upper

93 100

95 82.9 67.3 100.9

174 90.9 72.5 108.7

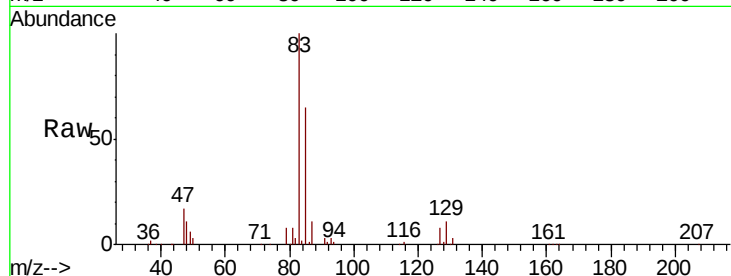




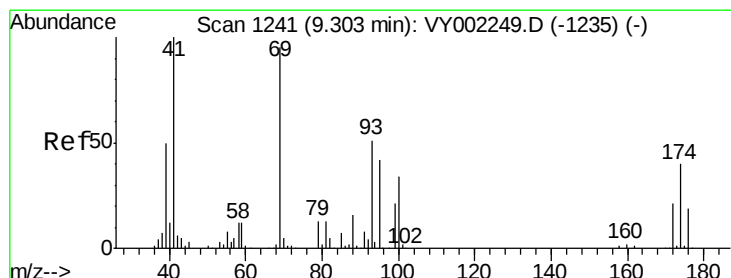
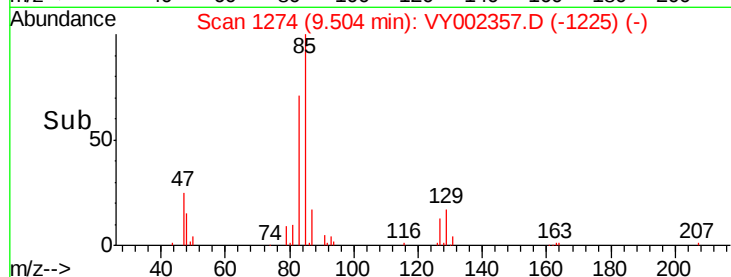
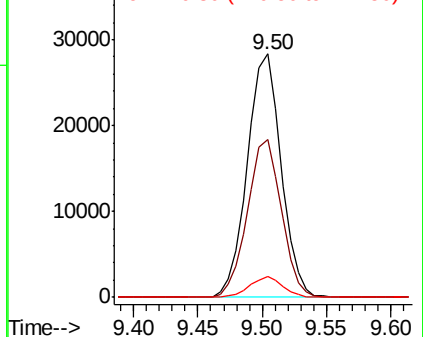
#47  
Bromodichloromethane  
Concen: 19.828 ug/l  
RT: 9.50 min Scan# 1274  
Delta R.T. -0.00 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 83 Resp: 51259  
Ion Ratio Lower Upper  
83 100  
85 64.7 49.7 74.5  
127 8.3 6.2 9.4

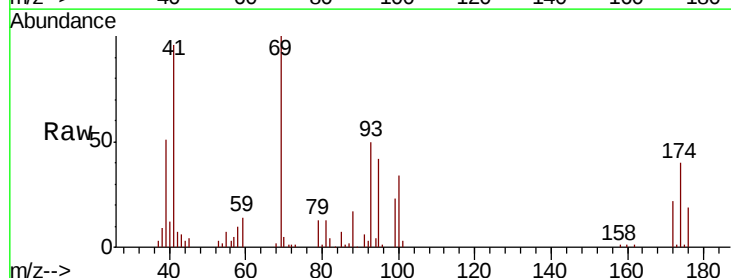


Abundance Ion 82.90 (82.60 to 83.60): VY0  
Ion 84.90 (84.60 to 85.60): VY0  
Ion 126.80 (126.50 to 127.50): V

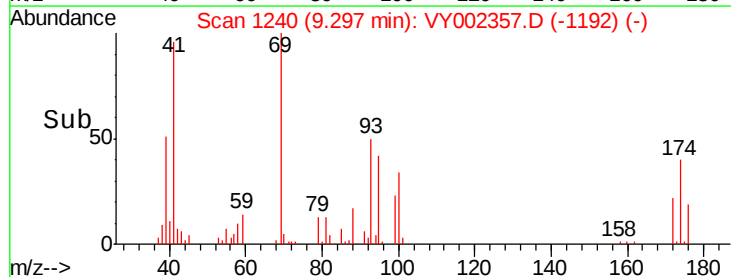
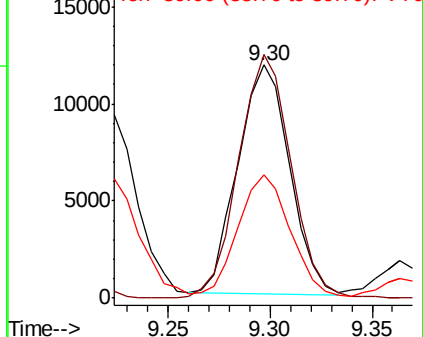


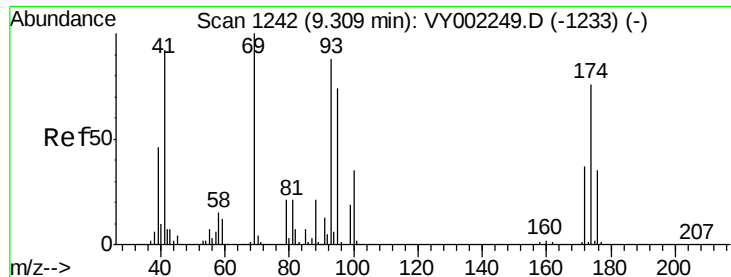
#48  
Methyl methacrylate  
Concen: 15.523 ug/l  
RT: 9.30 min Scan# 1240  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Tgt Ion: 41 Resp: 20759  
Ion Ratio Lower Upper  
41 100  
69 108.5 76.7 115.1  
39 53.1 40.5 60.7



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

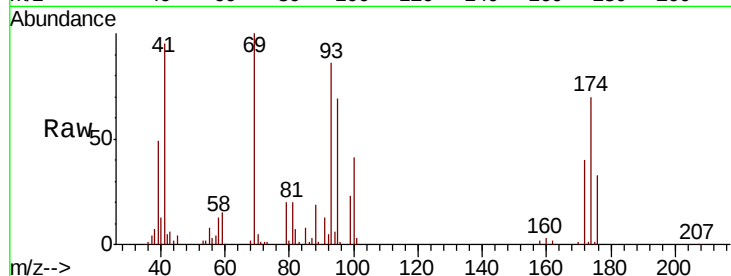




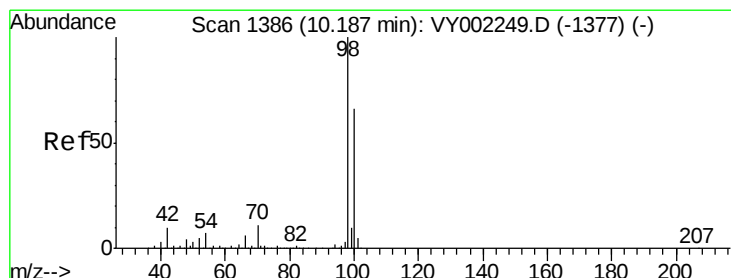
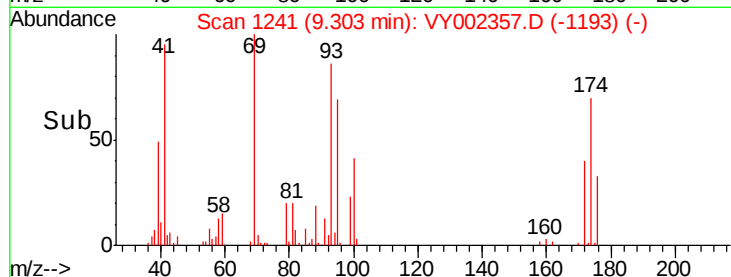
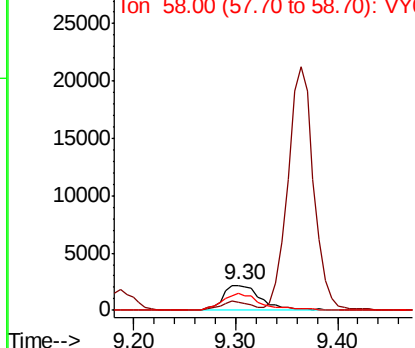
#49  
1,4-Dioxane  
Concen: 358.897 ug/l  
RT: 9.30 min Scan# 1241  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 88 Resp: 5720  
Ion Ratio Lower Upper  
88 100  
43 27.2 22.2 33.2  
58 68.1 57.6 86.4

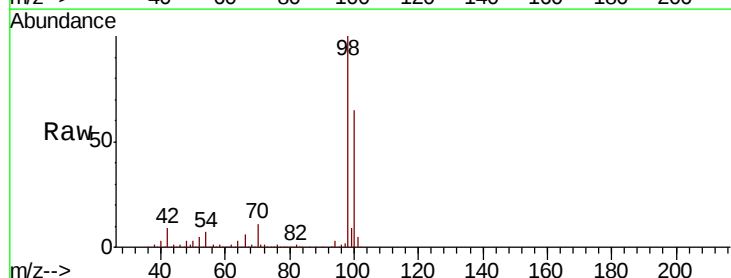


Abundance Ion 88.00 (87.70 to 88.70): VY0  
Ion 43.00 (42.70 to 43.70): VY0  
Ion 58.00 (57.70 to 58.70): VY0

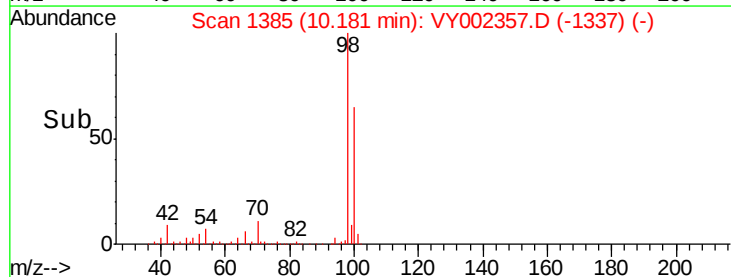
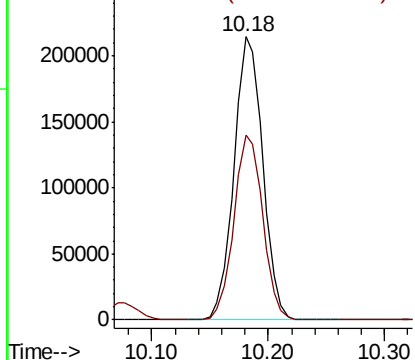


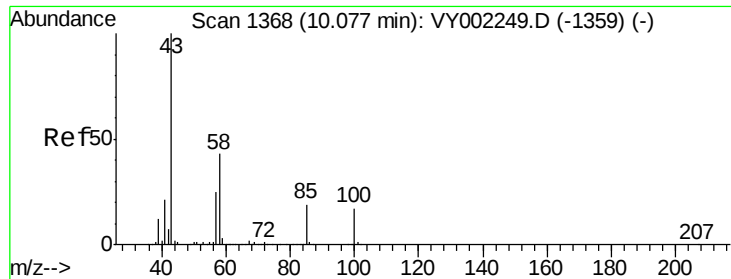
#50  
Toluene-d8  
Concen: 50.876 ug/l  
RT: 10.18 min Scan# 1385  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Tgt Ion: 98 Resp: 368237  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0  
Ion 100.00 (99.70 to 100.70): VY0

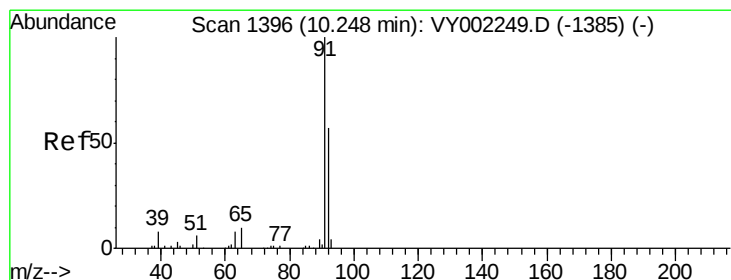
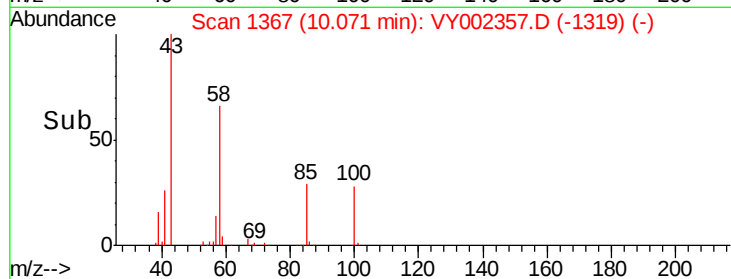
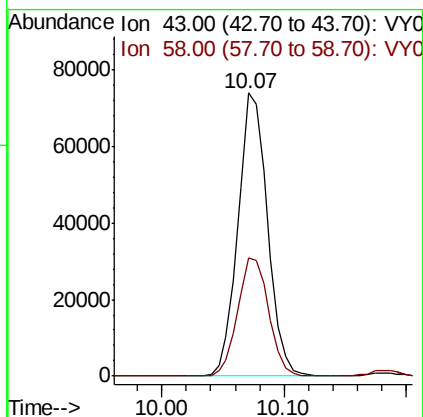
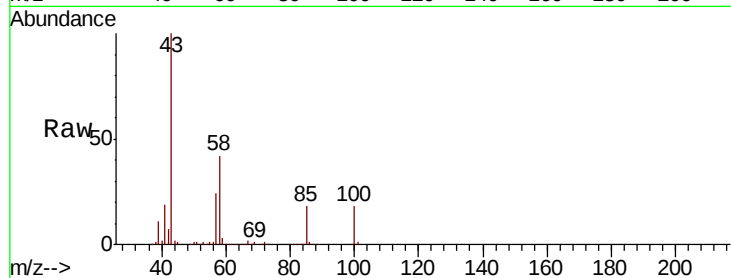




#51  
4-Methyl-2-Pentanone  
Concen: 79.734 ug/l  
RT: 10.07 min Scan# 1367  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

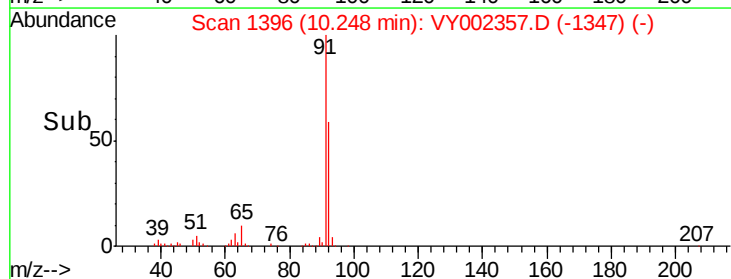
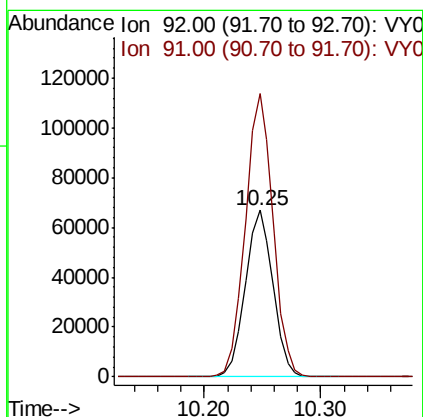
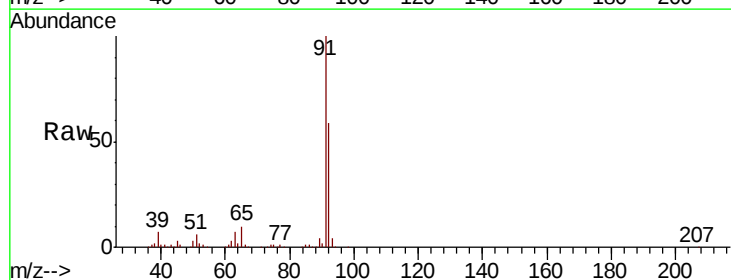
Instrument :  
MSVOA\_Y  
ClientSampleId :

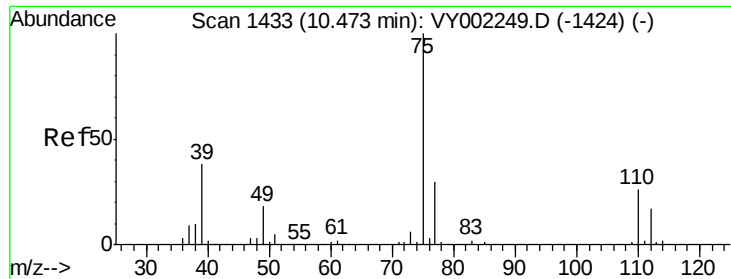
Tot Ion: 43 Resp: 123914  
Ion Ratio Lower Upper  
43 100  
58 43.8 33.8 50.8



#52  
Toluene  
Concen: 21.225 ug/l  
RT: 10.25 min Scan# 1396  
Delta R.T. -0.00 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Tgt Ion: 92 Resp: 111090  
Ion Ratio Lower Upper  
92 100  
91 169.7 139.0 208.6

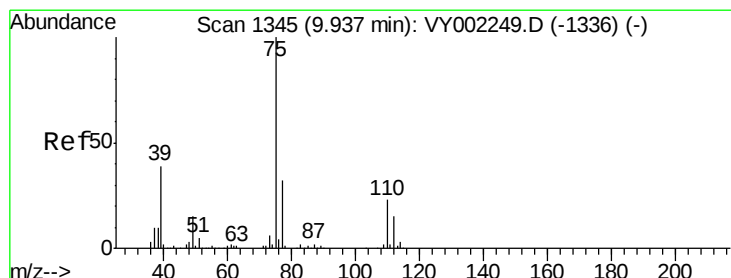
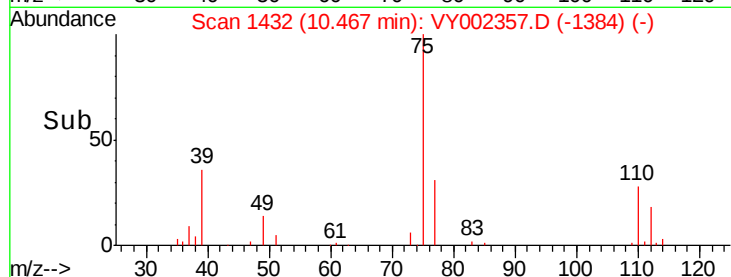
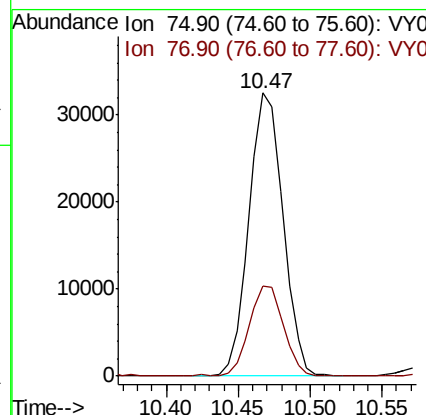
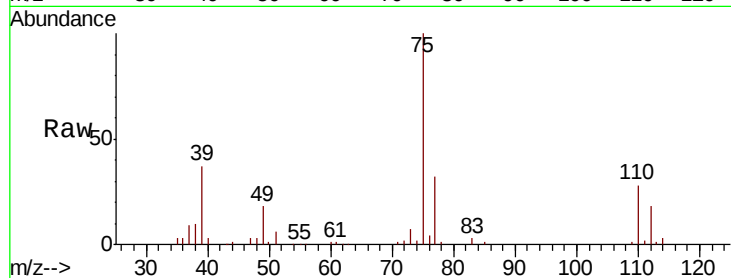




#53  
t-1,3-Dichloropropene  
Concen: 18.960 ug/l  
RT: 10.47 min Scan# 1432  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

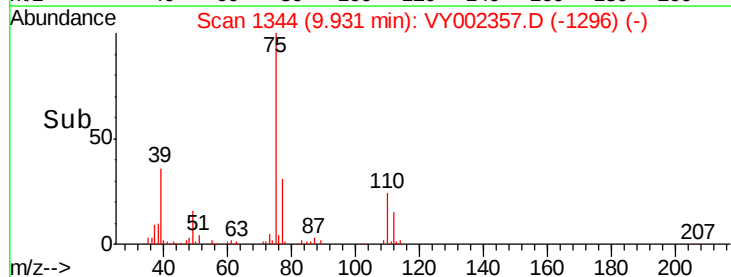
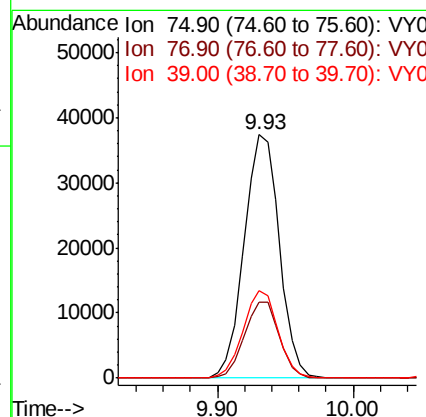
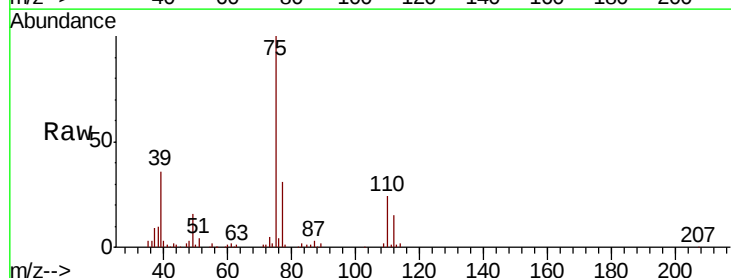
Instrument :  
MSVOA\_Y  
ClientSampleId :

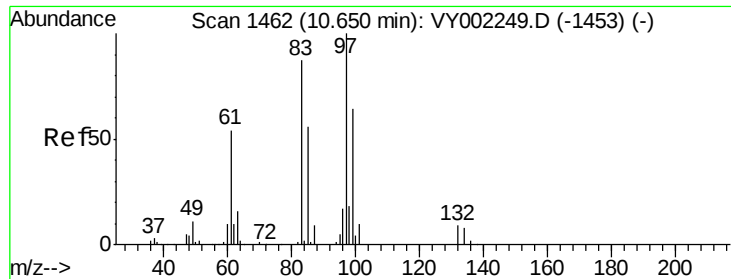
Tot Ion: 75 Resp: 53405  
Ion Ratio Lower Upper  
75 100  
77 31.5 24.2 36.2



#54  
cis-1,3-Dichloropropene  
Concen: 19.992 ug/l  
RT: 9.93 min Scan# 1344  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Tgt Ion: 75 Resp: 67702  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.8 38.8  
39 35.8 30.8 46.2

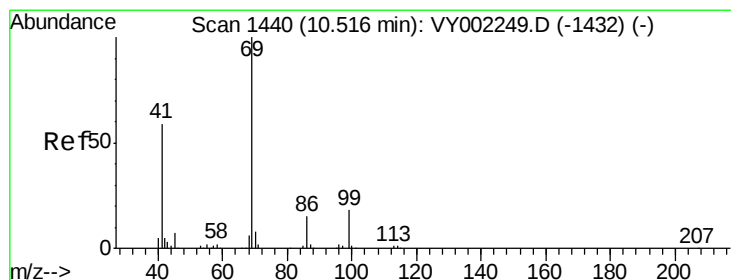
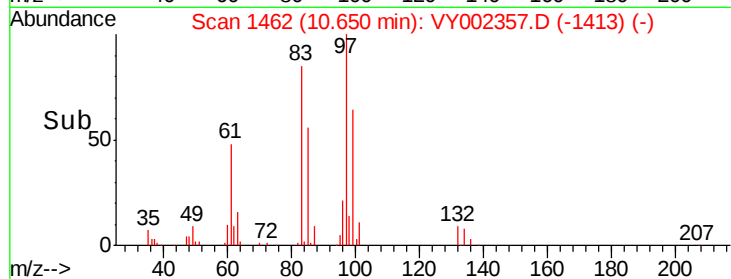
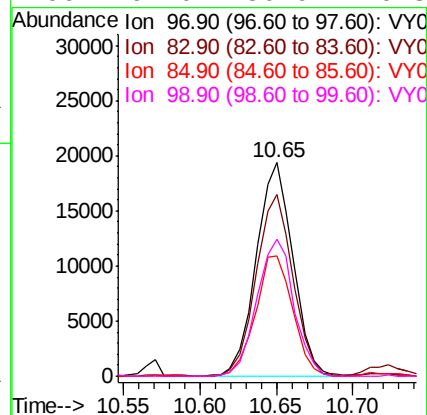
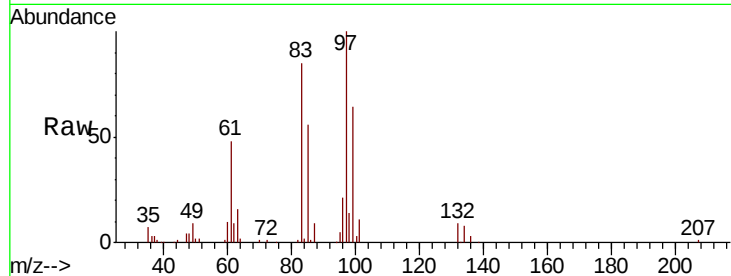




#55  
 1,1,2-Trichloroethane  
 Concen: 19.599 ug/l  
 RT: 10.65 min Scan# 1462  
 Delta R.T. -0.00 min  
 Lab File: VY002357.D  
 Acq: 16 Apr 2020 11:34

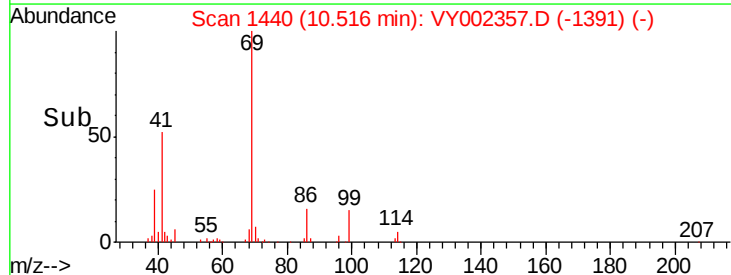
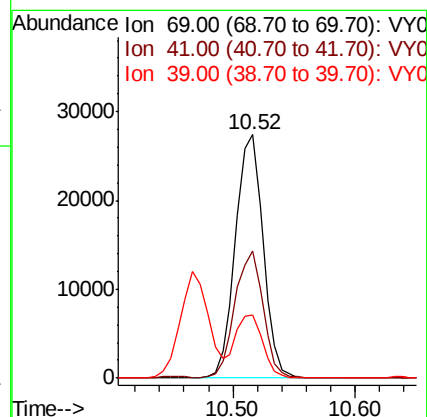
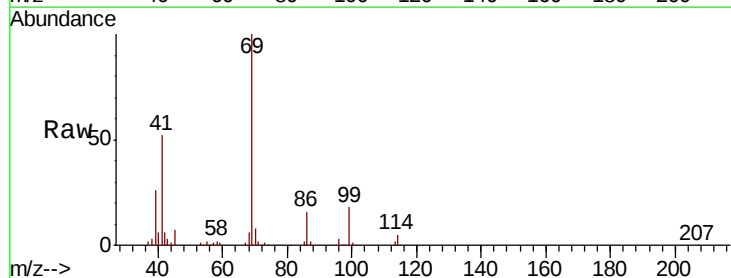
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

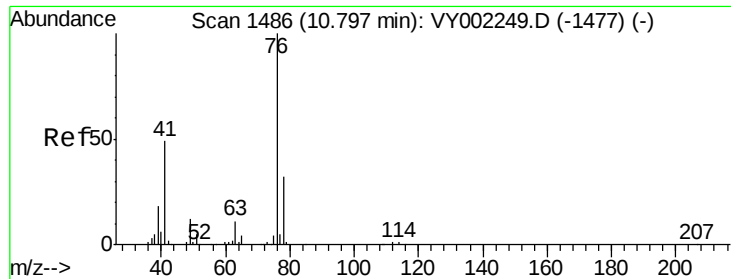
Tot Ion: 97 Resp: 32329  
 Ion Ratio Lower Upper  
 97 100  
 83 84.8 69.5 104.3  
 85 56.4 45.2 67.8  
 99 64.0 50.9 76.3



#56  
 Ethyl methacrylate  
 Concen: 18.213 ug/l  
 RT: 10.52 min Scan# 1440  
 Delta R.T. -0.00 min  
 Lab File: VY002357.D  
 Acq: 16 Apr 2020 11:34

Tgt Ion: 69 Resp: 42878  
 Ion Ratio Lower Upper  
 69 100  
 41 53.4 47.9 71.9  
 39 26.1 23.8 35.6

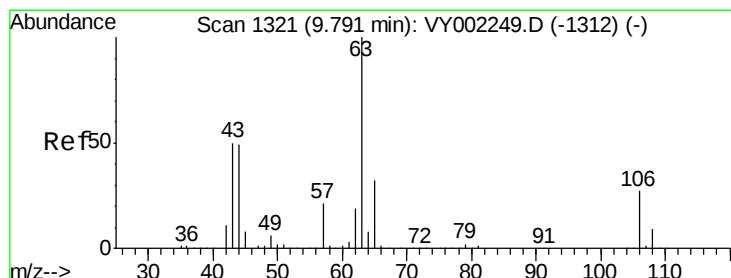
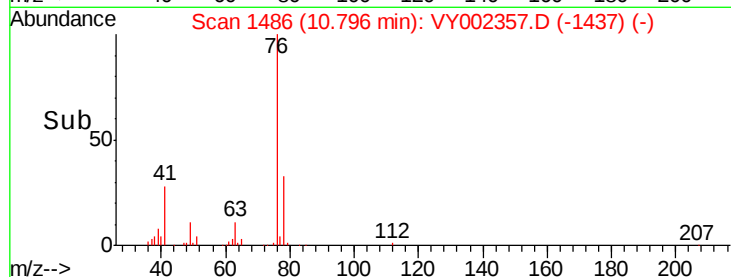
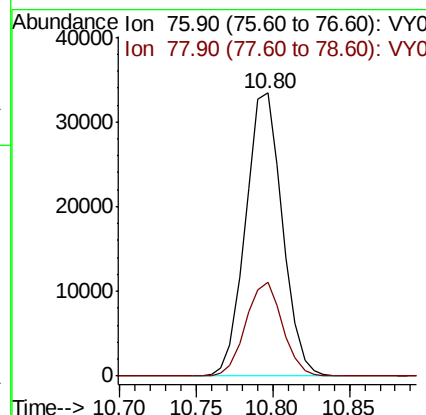
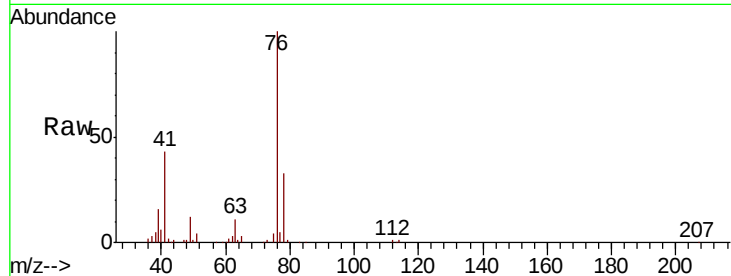




#57  
 1,3-Dichloropropane  
 Concen: 19.281 ug/l  
 RT: 10.80 min Scan# 1486  
 Delta R.T. -0.00 min  
 Lab File: VY002357.D  
 Acq: 16 Apr 2020 11:34

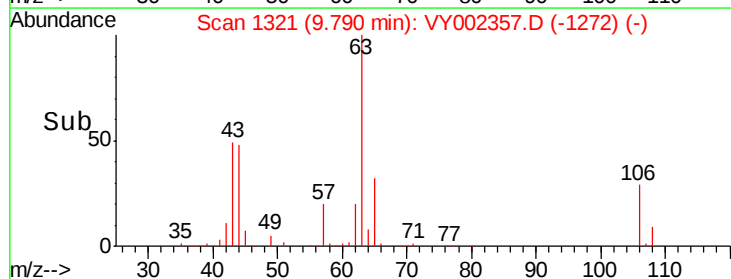
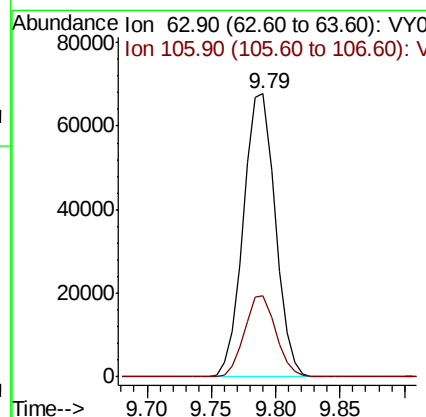
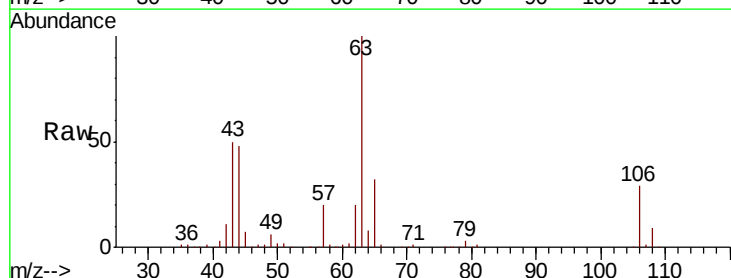
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

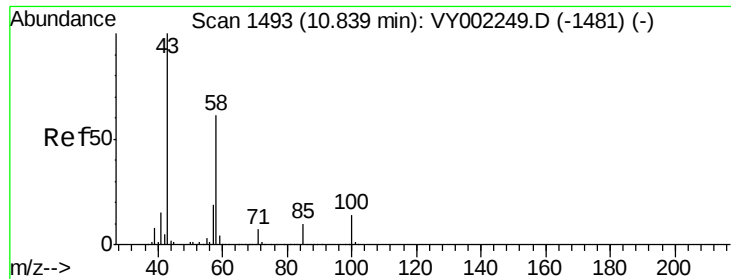
Tot Ion: 76 Resp: 55903  
 Ion Ratio Lower Upper  
 76 100  
 78 33.1 25.8 38.6



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 95.114 ug/l  
 RT: 9.79 min Scan# 1321  
 Delta R.T. -0.00 min  
 Lab File: VY002357.D  
 Acq: 16 Apr 2020 11:34

Tgt Ion: 63 Resp: 115960  
 Ion Ratio Lower Upper  
 63 100  
 106 28.1 22.2 33.2

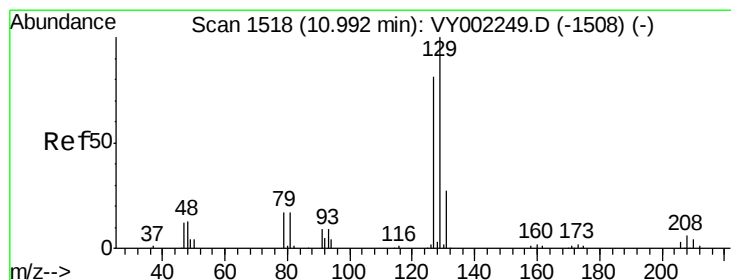
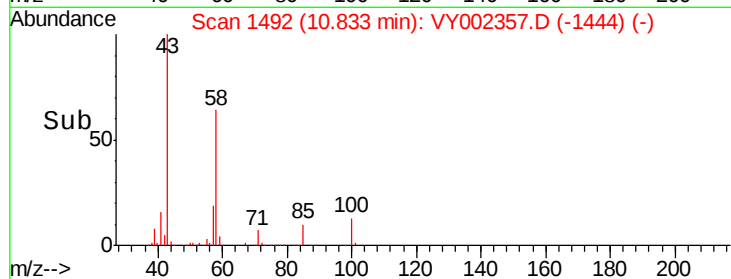
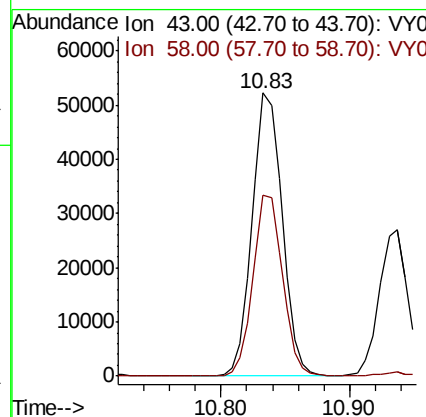
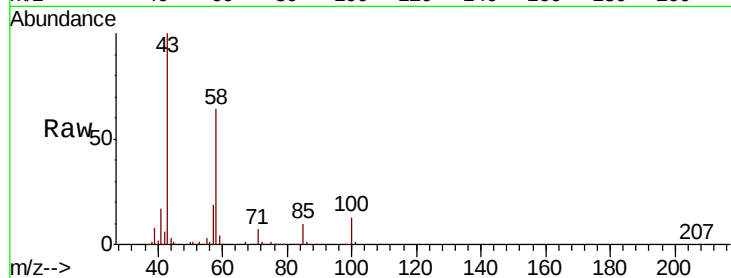




#59  
2-Hexanone  
Concen: 78.031 ug/l  
RT: 10.83 min Scan# 1492  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

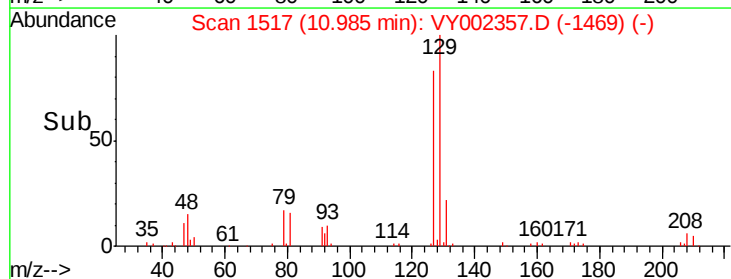
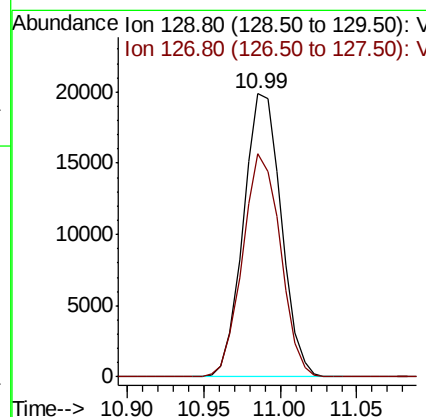
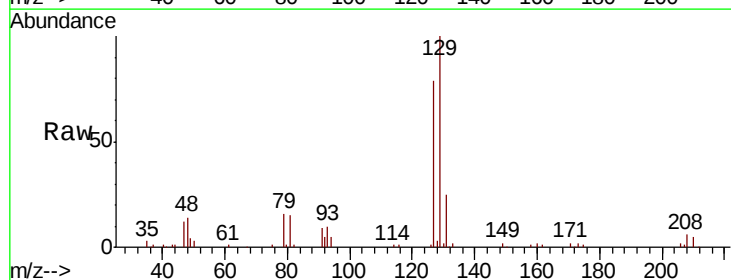
Instrument :  
MSVOA\_Y  
ClientSampleId :

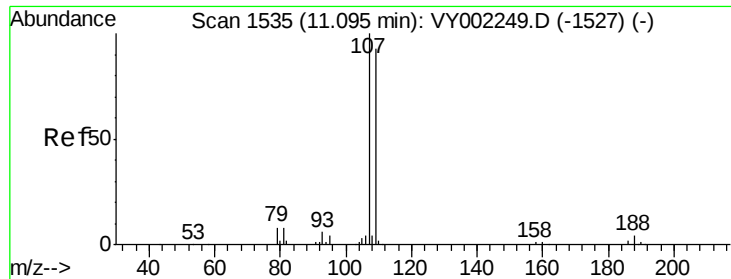
Tot Ion: 43 Resp: 84163  
Ion Ratio Lower Upper  
43 100  
58 62.8 29.8 89.3



#60  
Dibromochloromethane  
Concen: 19.422 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. -0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Tgt Ion: 129 Resp: 34161  
Ion Ratio Lower Upper  
129 100  
127 79.0 39.0 117.0

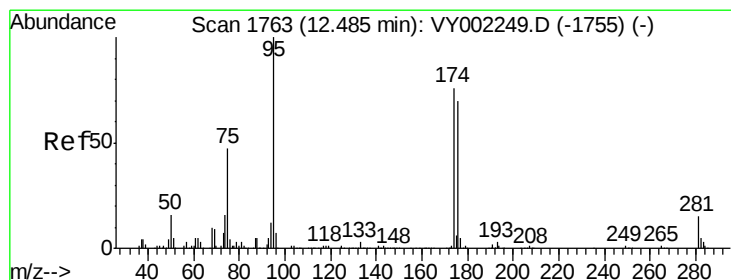
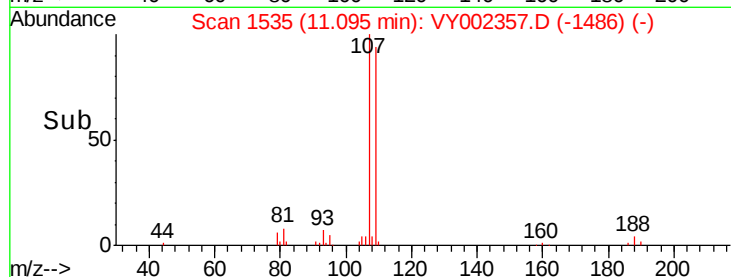
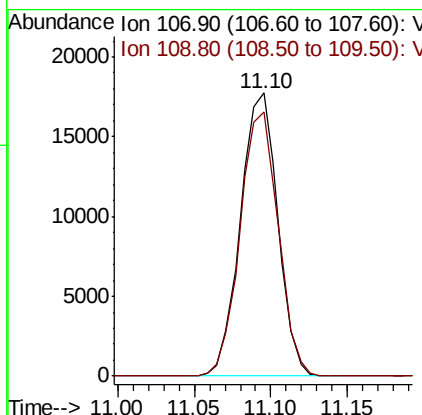
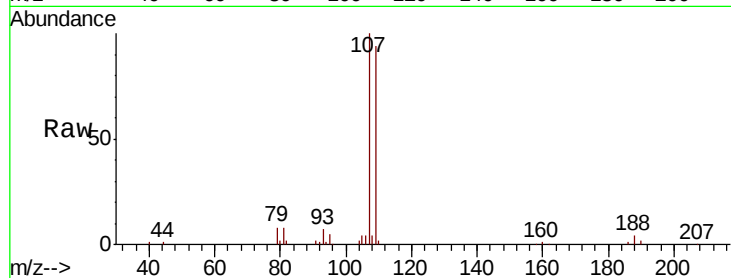




#61  
 1,2-Dibromoethane  
 Concen: 19.158 ug/l  
 RT: 11.10 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: VY002357.D  
 Acq: 16 Apr 2020 11:34

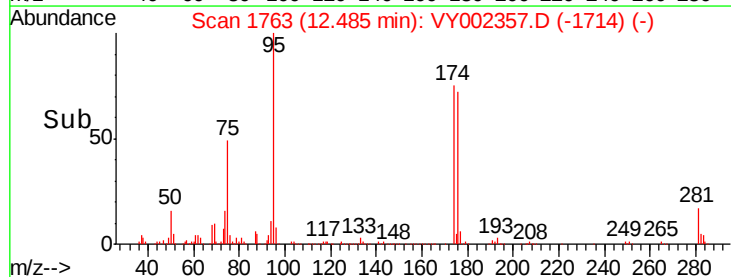
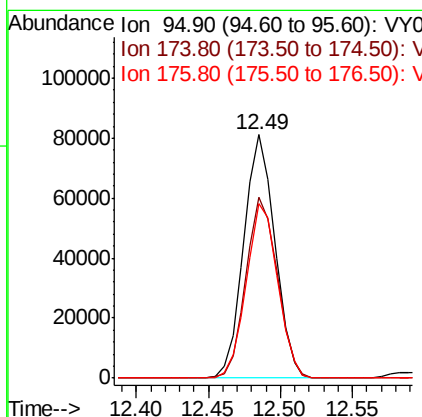
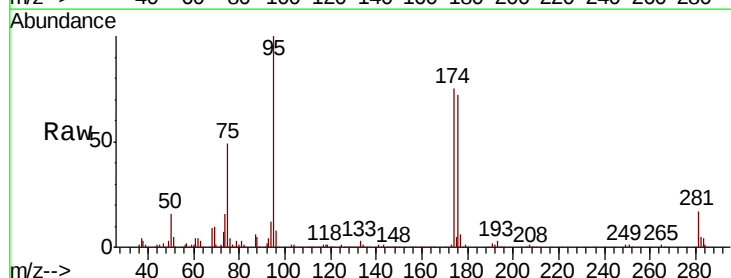
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

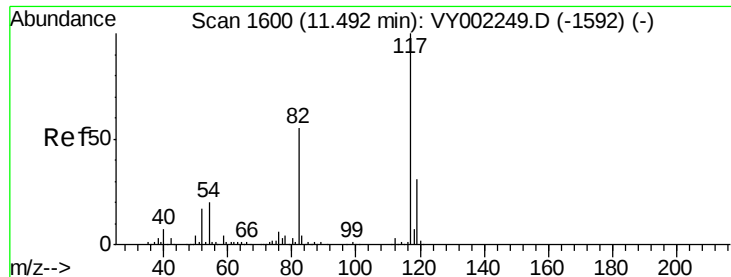
Tot Ion:107 Resp: 30085  
 Ion Ratio Lower Upper  
 107 100  
 109 95.5 75.6 113.4



#62  
 4-Bromofluorobenzene  
 Concen: 50.868 ug/l  
 RT: 12.49 min Scan# 1763  
 Delta R.T. -0.00 min  
 Lab File: VY002357.D  
 Acq: 16 Apr 2020 11:34

Tgt Ion: 95 Resp: 121468  
 Ion Ratio Lower Upper  
 95 100  
 174 74.8 0.0 150.6  
 176 72.1 0.0 141.4

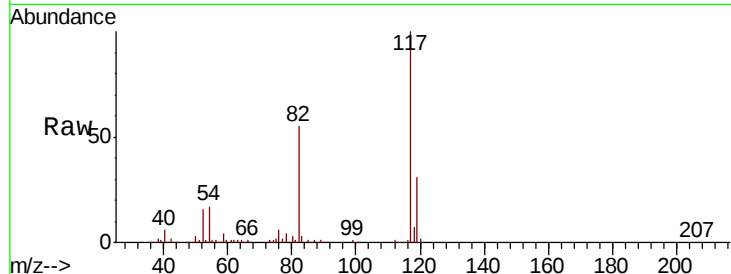




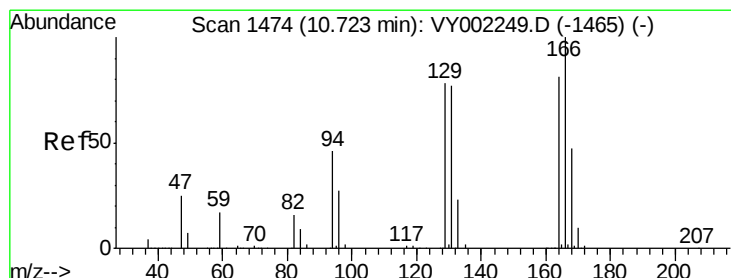
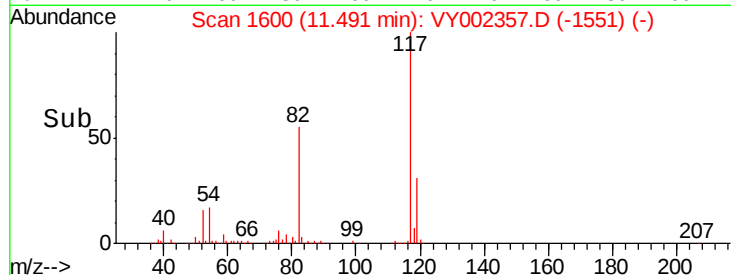
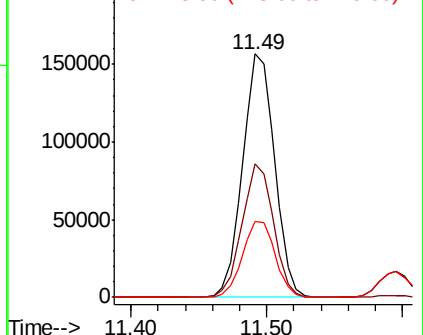
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion:117 Resp: 258634  
Ion Ratio Lower Upper  
117 100  
82 54.9 44.2 66.4  
119 31.1 25.1 37.7

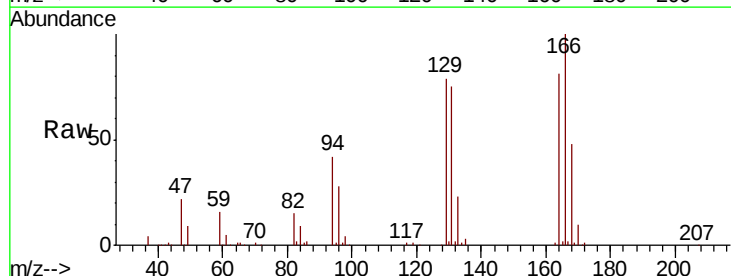


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VY0  
Ion 118.90 (118.60 to 119.60): V

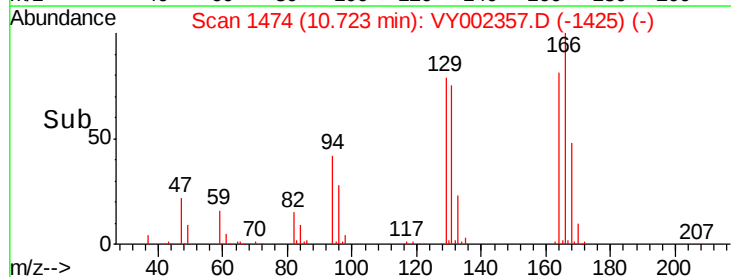
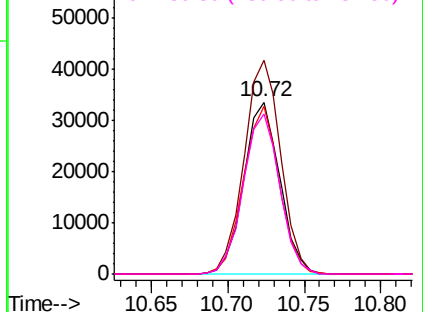


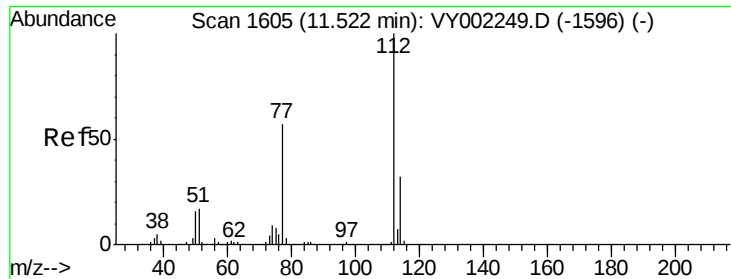
#64  
Tetrachloroethene  
Concen: 21.026 ug/l  
RT: 10.72 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Tgt Ion:164 Resp: 54979  
Ion Ratio Lower Upper  
164 100  
166 124.1 98.4 147.6  
129 97.5 76.6 115.0  
131 93.0 75.4 113.2



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

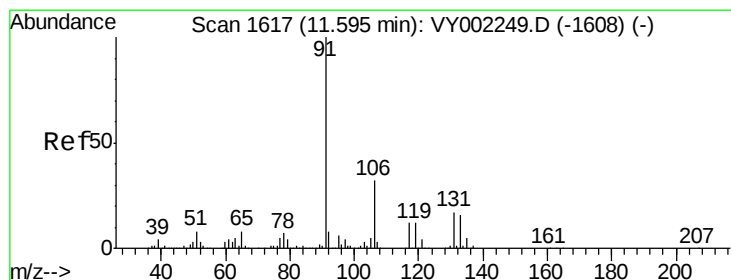
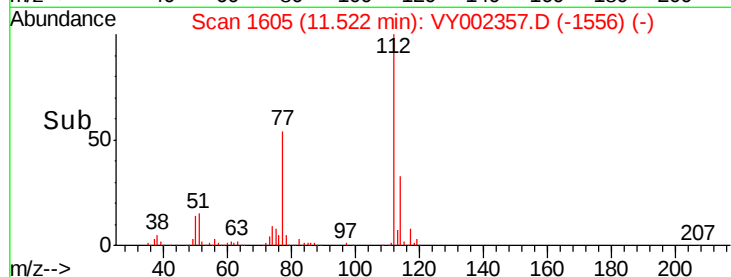
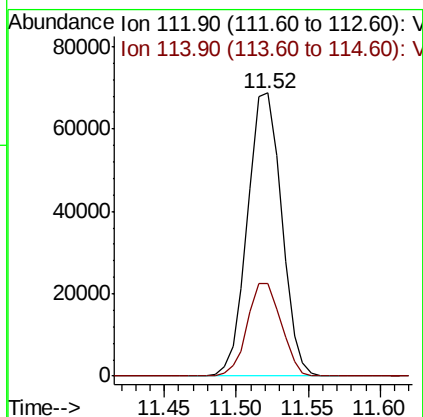
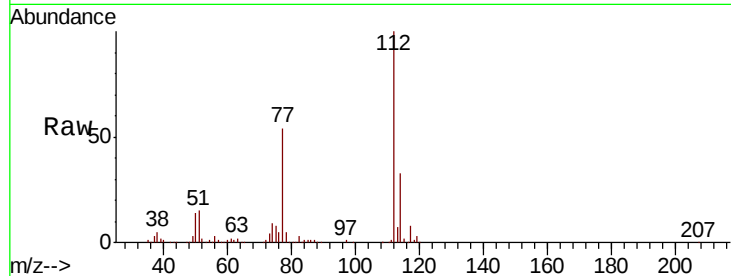




#65  
Chlorobenzene  
Concen: 20.998 ug/l  
RT: 11.52 min Scan# 1605  
Delta R.T. -0.00 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

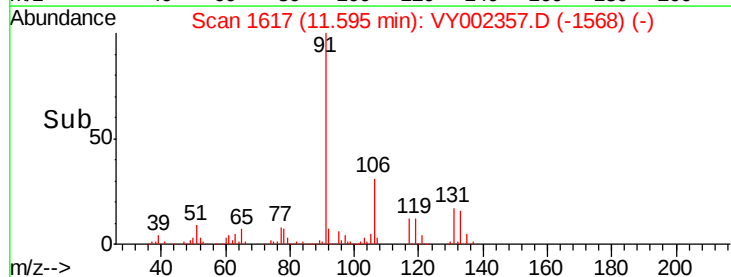
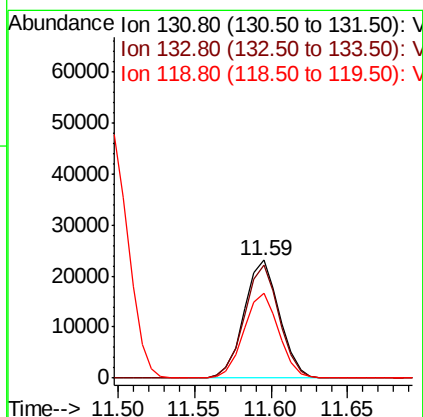
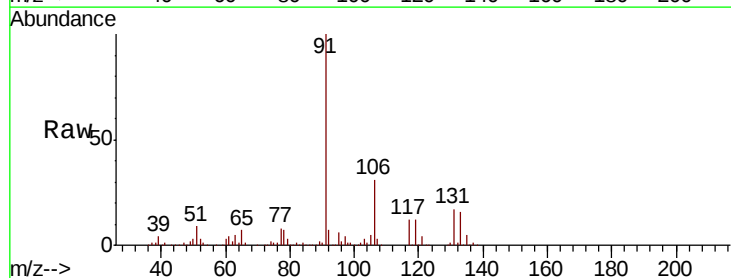
Instrument :  
MSVOA\_Y  
ClientSampleId :

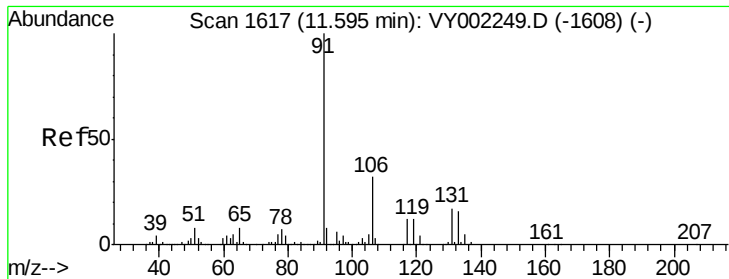
Tot Ion:112 Resp: 112889  
Ion Ratio Lower Upper  
112 100  
114 32.7 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.906 ug/l  
RT: 11.59 min Scan# 1617  
Delta R.T. -0.00 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Tgt Ion:131 Resp: 37108  
Ion Ratio Lower Upper  
131 100  
133 94.4 46.5 139.3  
119 71.2 34.5 103.6

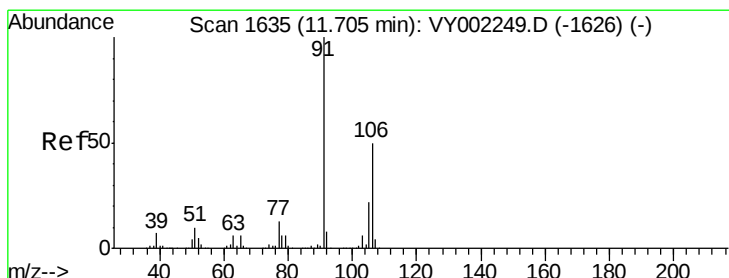
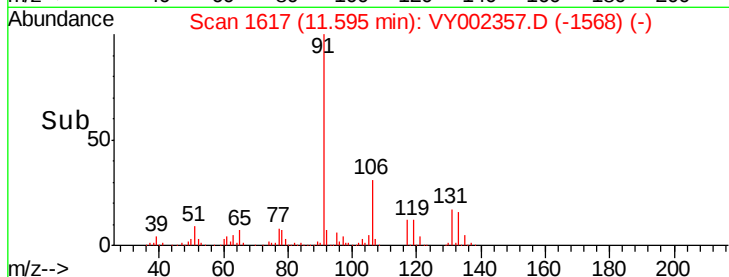
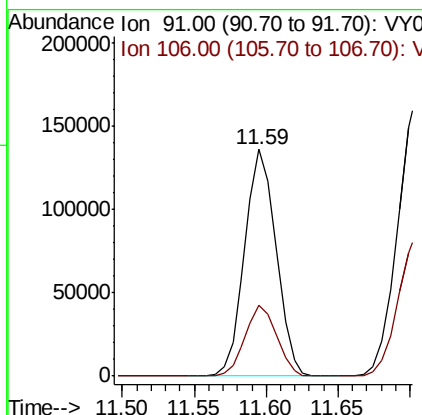
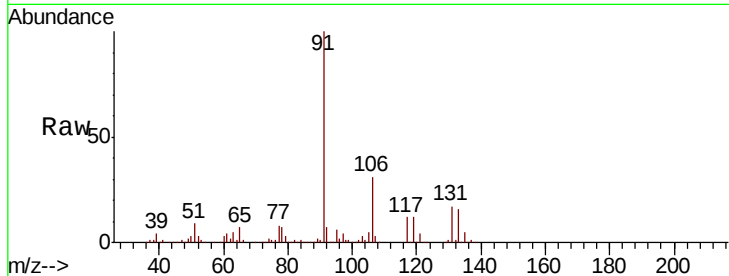




#67  
Ethyl Benzene  
Concen: 20.889 ug/l  
RT: 11.59 min Scan# 1617  
Delta R.T. -0.00 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

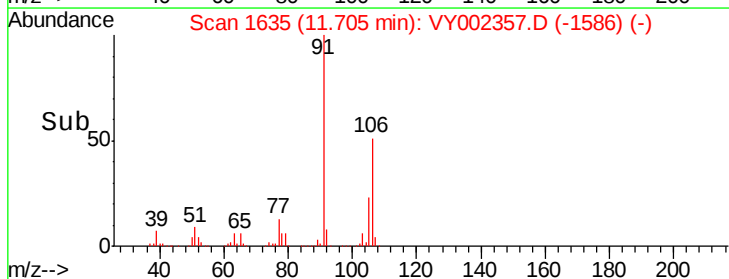
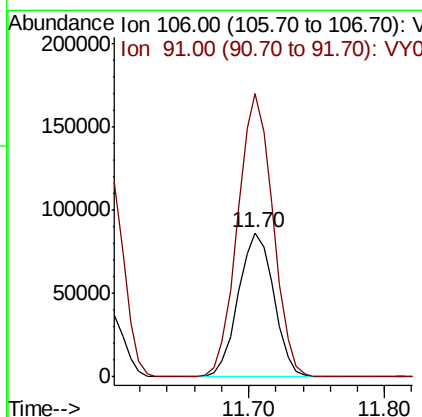
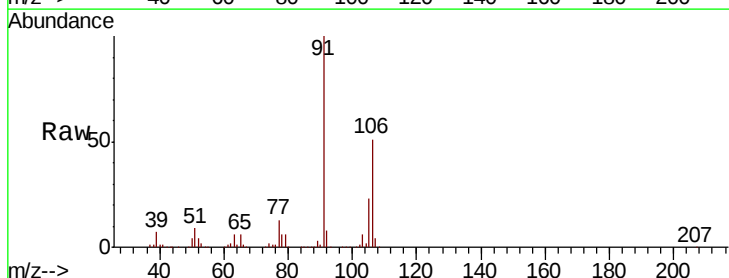
Instrument :  
MSVOA\_Y  
ClientSampleId :

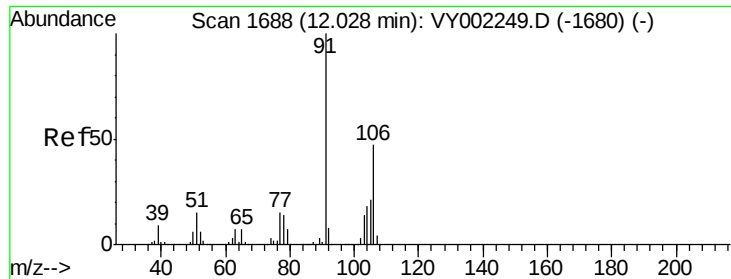
Tot Ion: 91 Resp: 205589  
Ion Ratio Lower Upper  
91 100  
106 31.3 25.4 38.0



#68  
m/p-Xylenes  
Concen: 42.744 ug/l  
RT: 11.70 min Scan# 1635  
Delta R.T. -0.00 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Tgt Ion: 106 Resp: 157567  
Ion Ratio Lower Upper  
106 100  
91 194.6 159.8 239.6

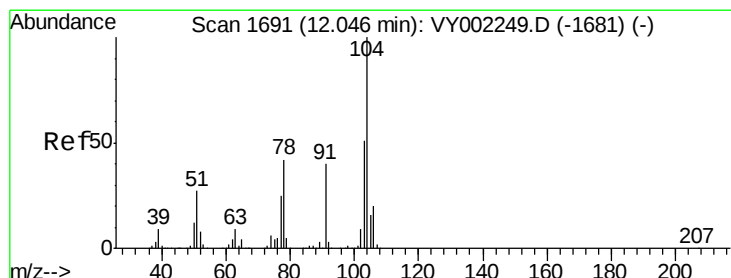
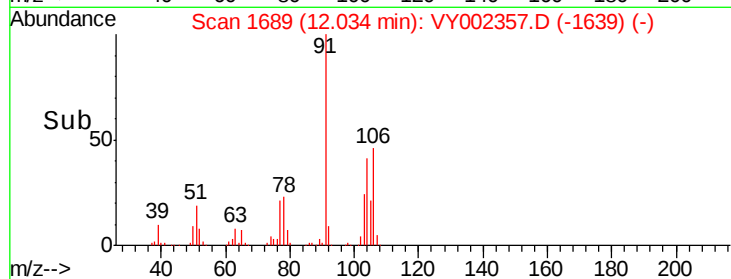
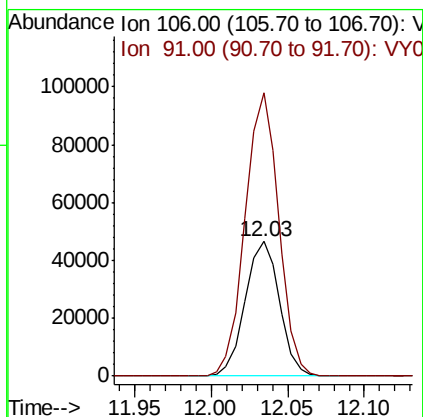
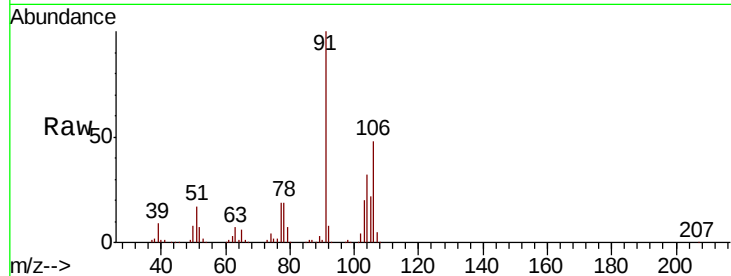




#69  
o-Xylene  
Concen: 21.028 ug/l  
RT: 12.03 min Scan# 1689  
Delta R.T. 0.01 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

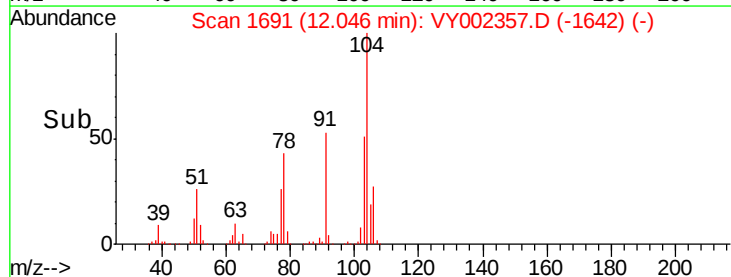
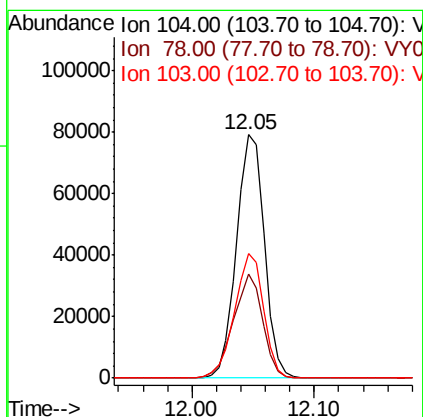
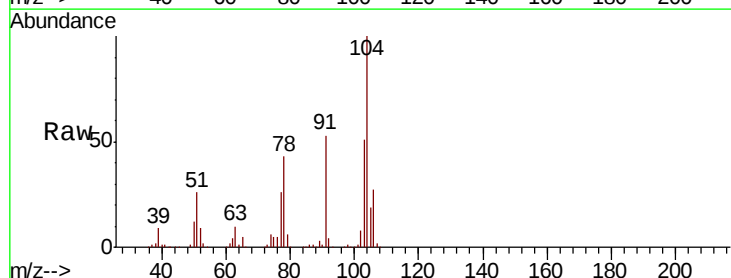
Instrument :  
MSVOA\_Y  
ClientSampled :

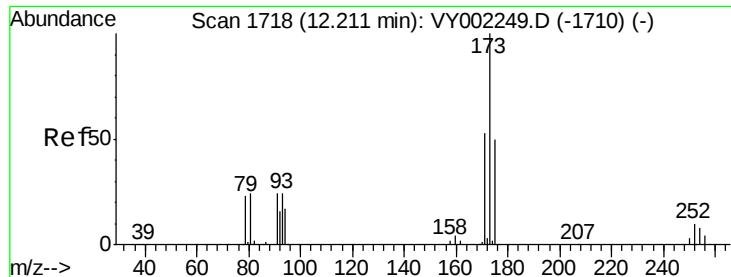
Tot Ion:106 Resp: 72776  
Ion Ratio Lower Upper  
106 100  
91 205.7 105.8 317.3



#70  
Styrene  
Concen: 20.793 ug/l  
RT: 12.05 min Scan# 1691  
Delta R.T. -0.00 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Tgt Ion:104 Resp: 124851  
Ion Ratio Lower Upper  
104 100  
78 44.8 37.2 55.8  
103 53.2 43.4 65.0





#71

Bromoform

Concen: 19.060 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

ClientSampled :

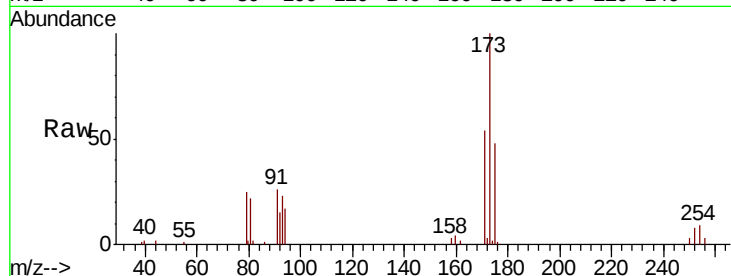
Tot Ion:173 Resp: 18398

Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.3

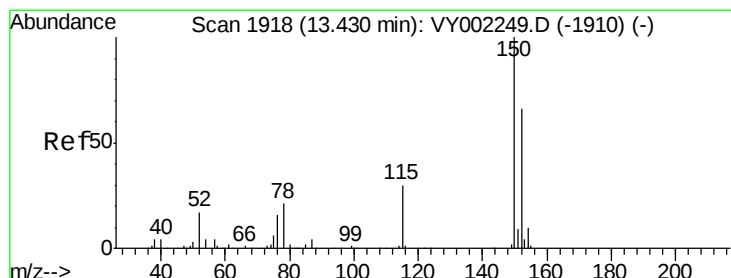
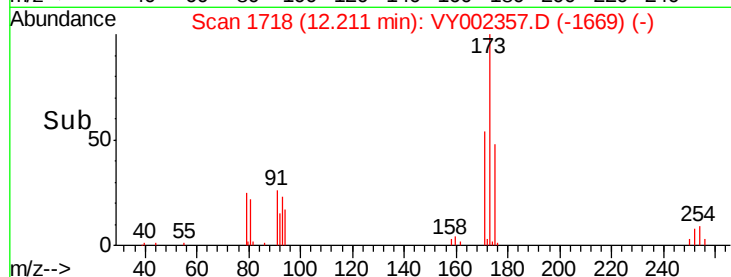
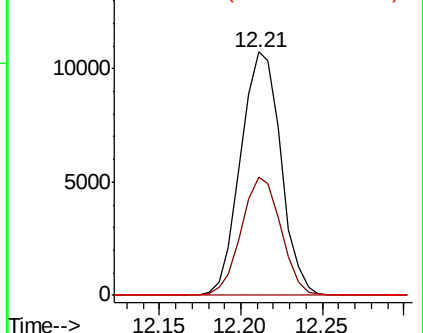
254 0.0 0.0 0.0



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: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

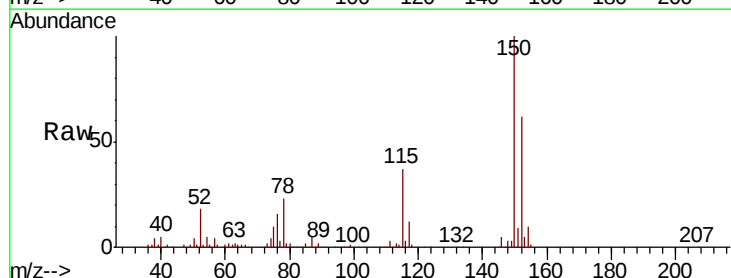
Tgt Ion:152 Resp: 115431

Ion Ratio Lower Upper

152 100

115 59.2 30.7 92.1

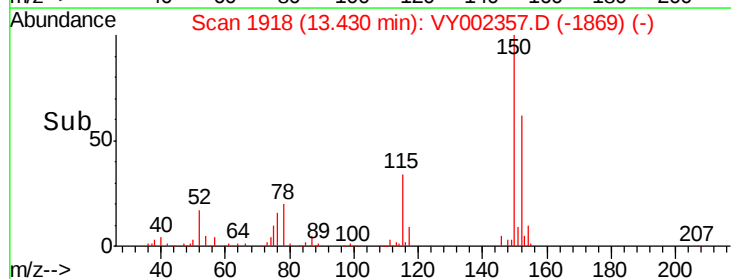
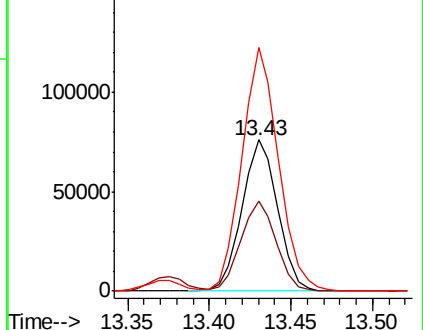
150 166.1 0.0 350.6

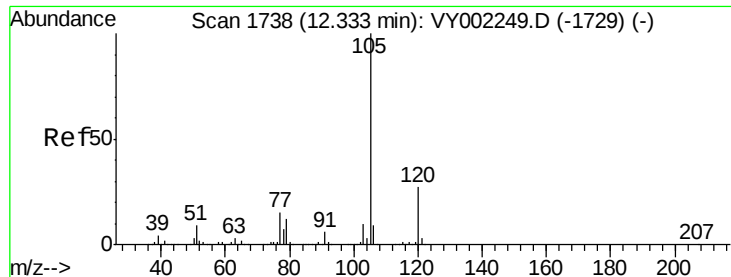


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.598 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

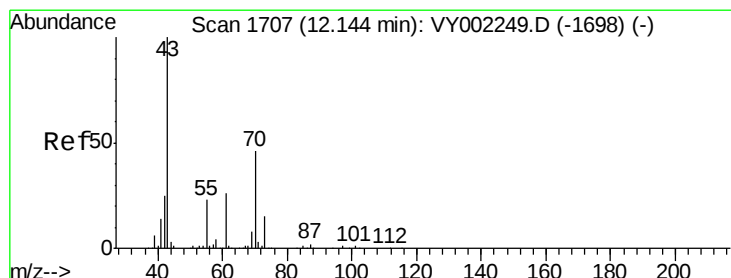
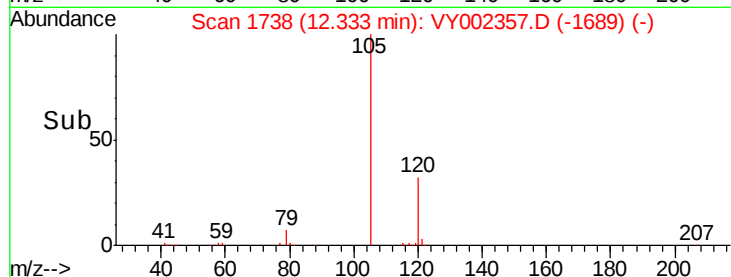
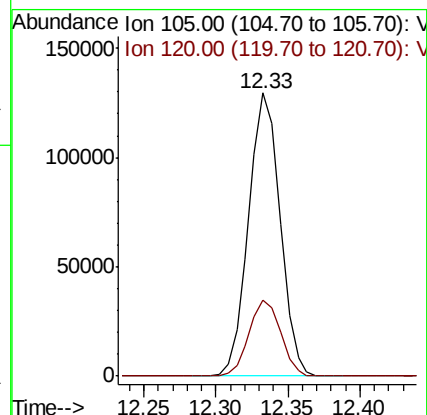
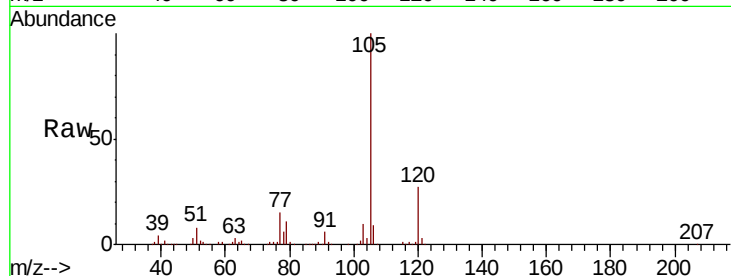
ClientSampled :

Tot Ion:105 Resp: 195857

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.8



#74

N-ethyl acetate

Concen: 16.617 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Tgt Ion: 43 Resp: 42774

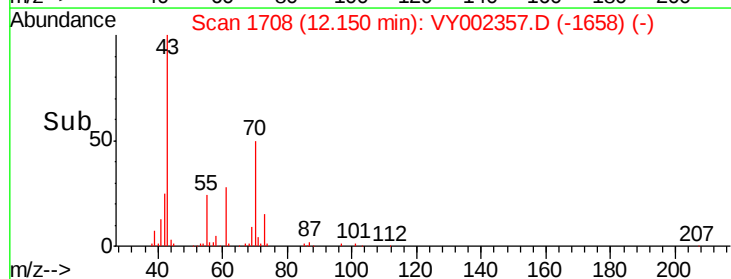
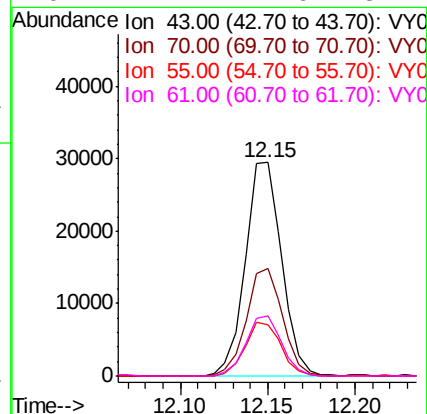
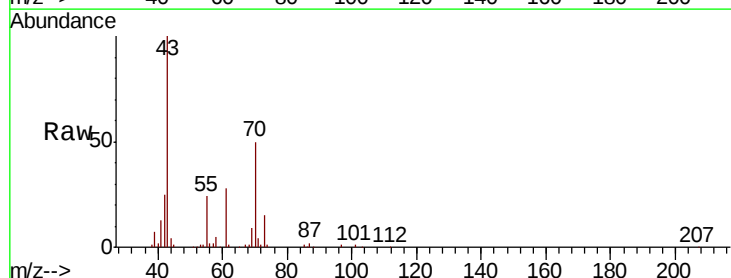
Ion Ratio Lower Upper

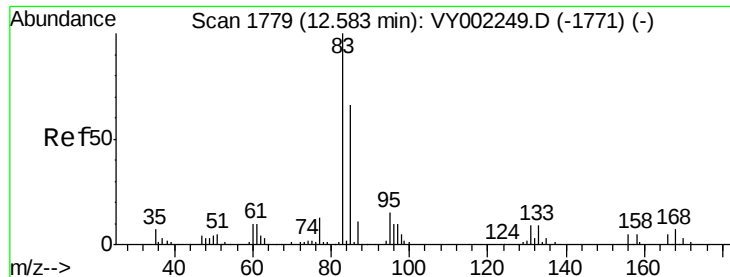
43 100

70 50.1 37.5 56.3

55 24.9 19.0 28.6

61 27.7 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.900 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

ClientSampleId :

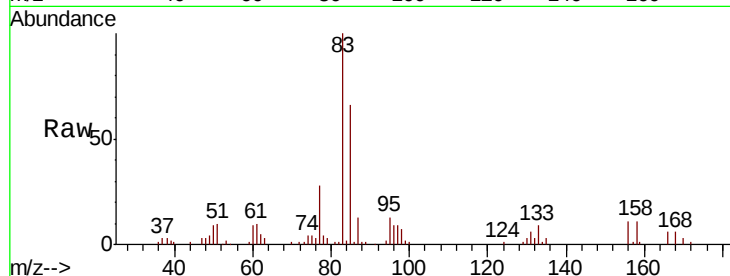
Tot Ion: 83 Resp: 21833

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 9.2   | 4.9   | 14.7  |
| 85  | 66.9  | 32.6  | 97.8  |

83 100

131 9.2 4.9 14.7

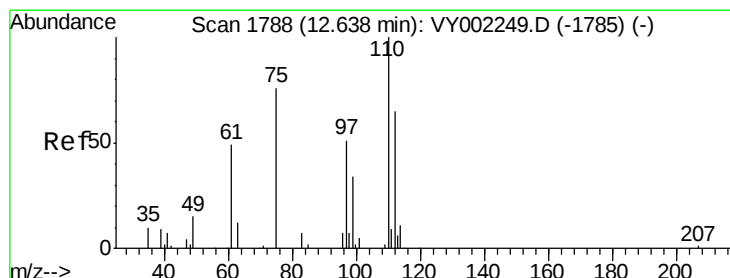
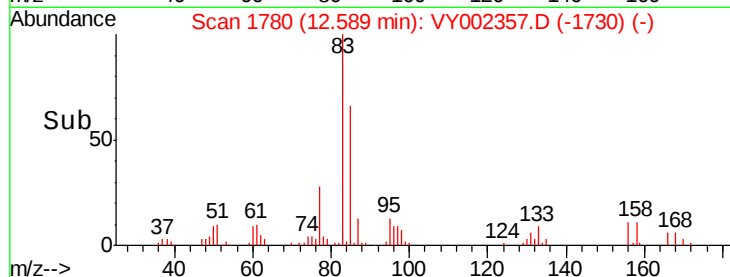
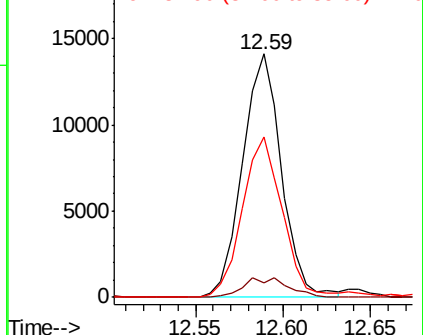
85 66.9 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VY002249.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY002249.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY002249.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 34.386 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002357.D

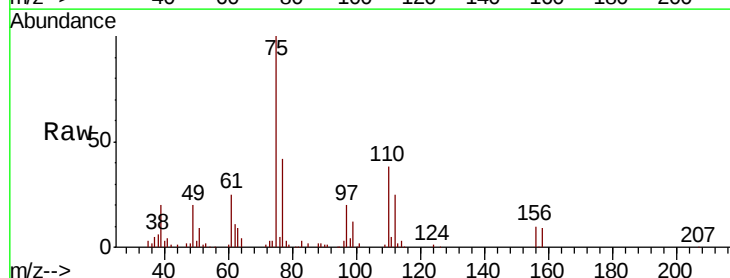
Acq: 16 Apr 2020 11:34

Tgt Ion: 75 Resp: 46091

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 0.0   | 0.0   | 0.0   |

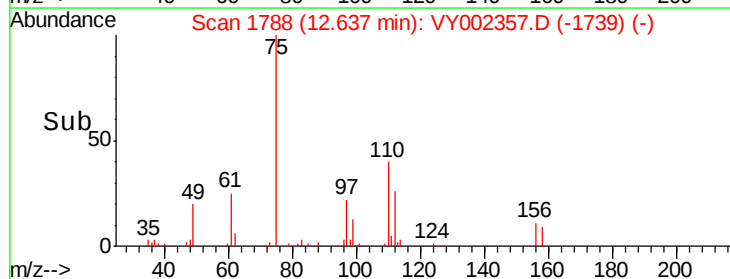
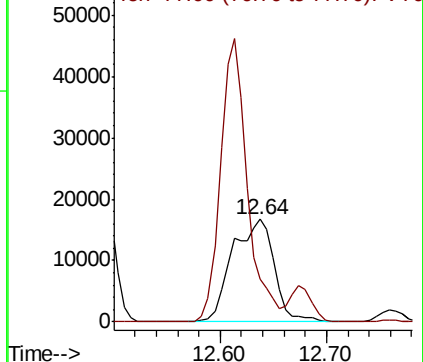
75 100

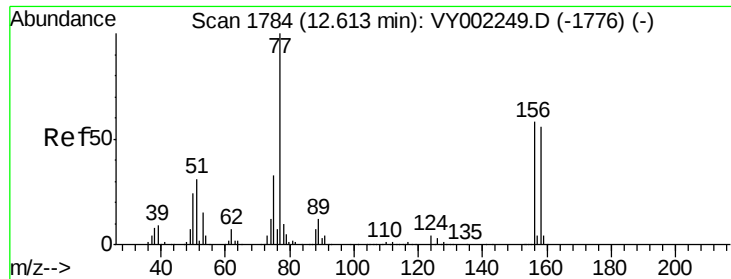
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002249.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY002249.D (-1785) (-)





#77

Bromobenzene

Concen: 20.934 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

ClientSampled :

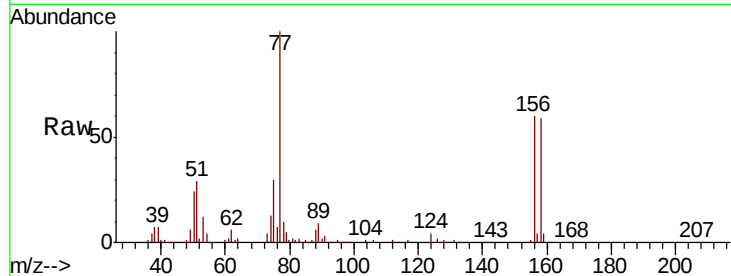
Tot Ion:156 Resp: 41765

Ion Ratio Lower Upper

156 100

77 194.1 101.3 303.9

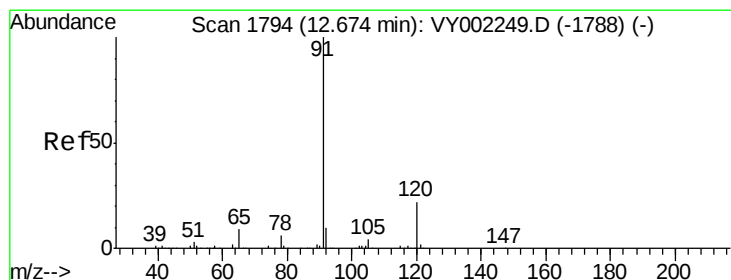
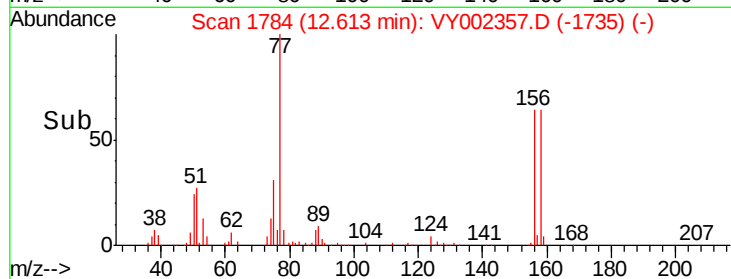
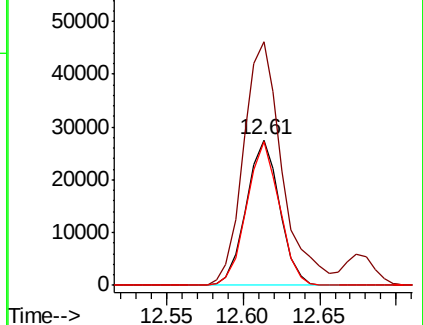
158 96.8 48.3 144.8



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: 21.269 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY002357.D

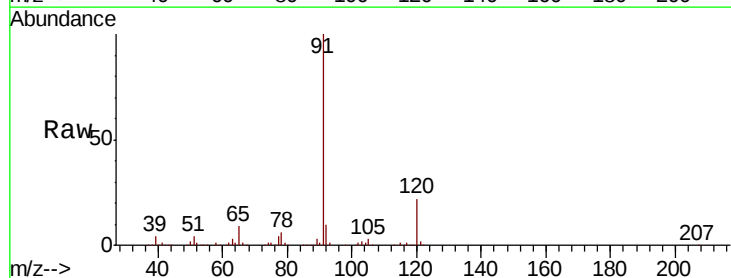
Acq: 16 Apr 2020 11:34

Tgt Ion: 91 Resp: 239879

Ion Ratio Lower Upper

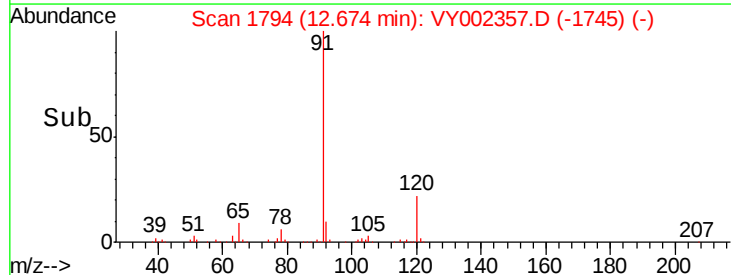
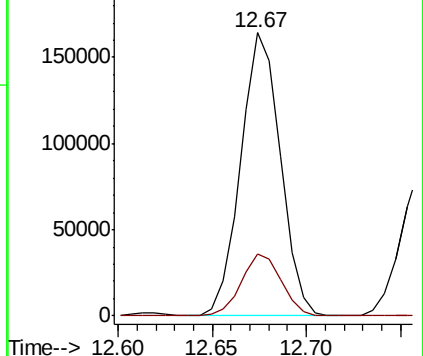
91 100

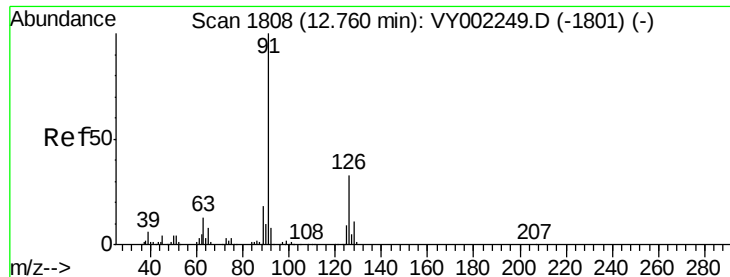
120 22.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

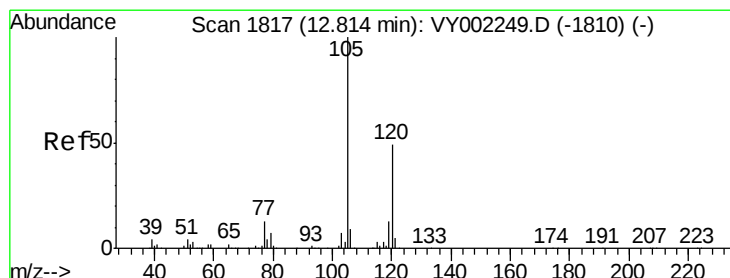
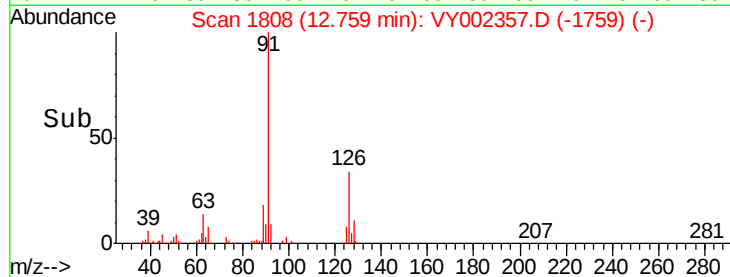
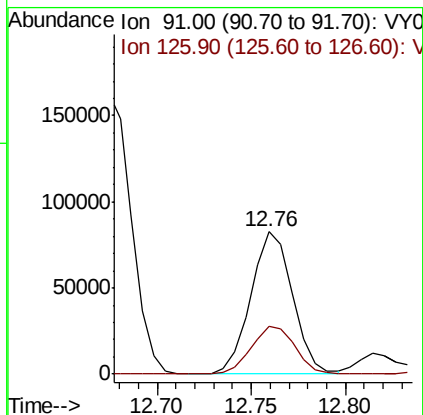
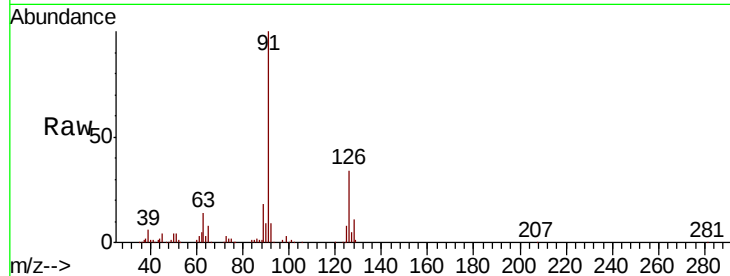




#79  
 2-Chlorotoluene  
 Concen: 20.730 ug/l  
 RT: 12.76 min Scan# 1808  
 Delta R.T. -0.00 min  
 Lab File: VY002357.D  
 Acq: 16 Apr 2020 11:34

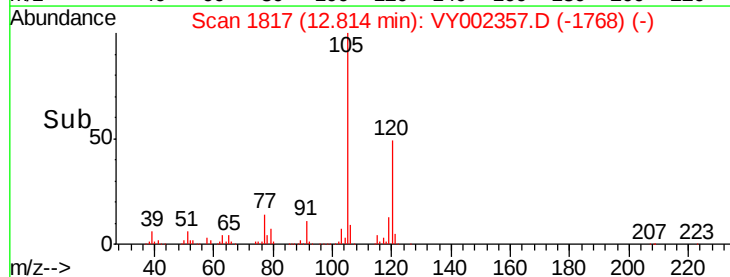
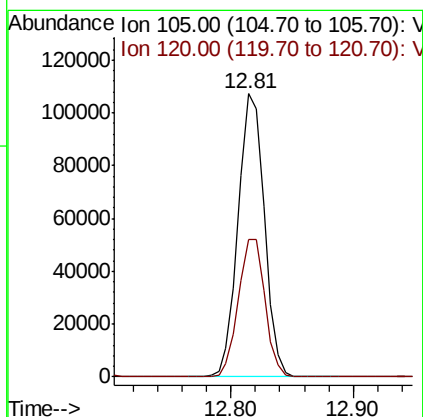
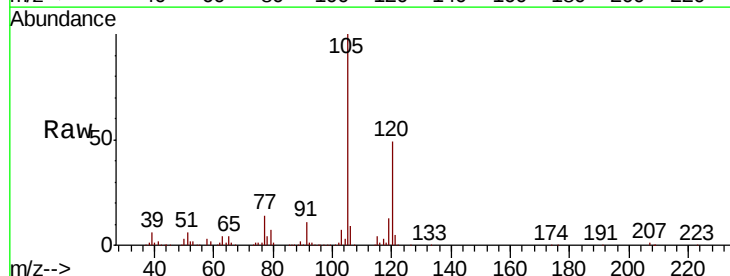
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

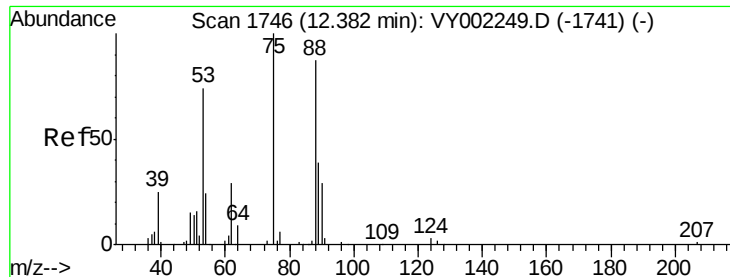
Tot Ion: 91 Resp: 127061  
 Ion Ratio Lower Upper  
 91 100  
 126 35.1 16.9 50.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.229 ug/l  
 RT: 12.81 min Scan# 1817  
 Delta R.T. -0.00 min  
 Lab File: VY002357.D  
 Acq: 16 Apr 2020 11:34

Tgt Ion: 105 Resp: 159210  
 Ion Ratio Lower Upper  
 105 100  
 120 49.4 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 18.753 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

ClientSampleId :

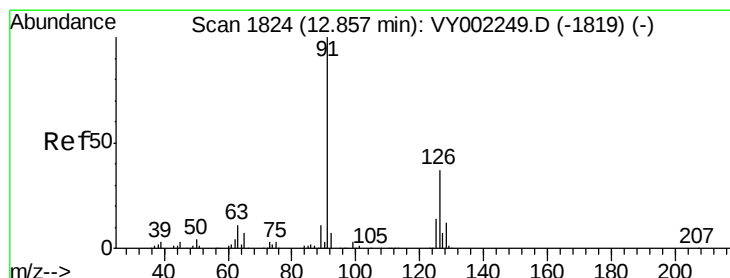
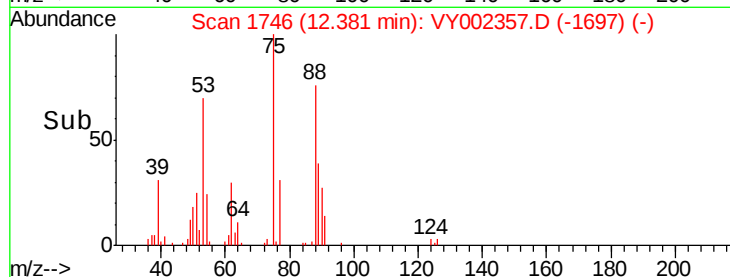
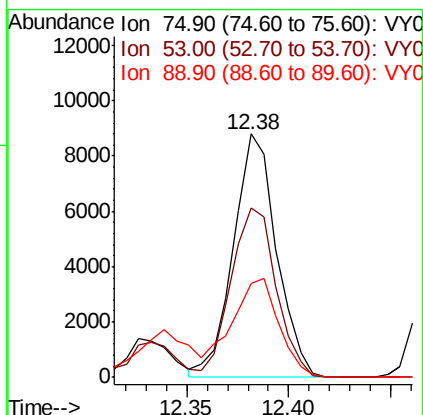
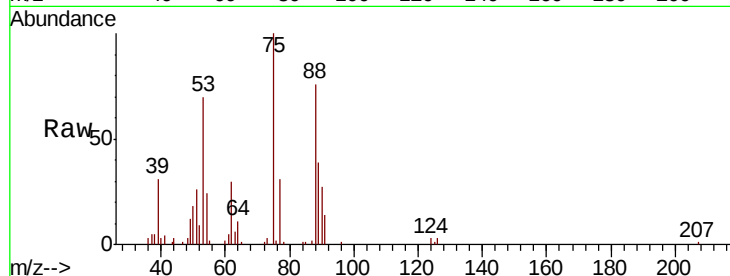
Tot Ion: 75 Resp: 12924

Ion Ratio Lower Upper

75 100

53 72.4 59.8 89.8

89 45.2 37.0 55.6



#82

4-Chlorotoluene

Concen: 20.866 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY002357.D

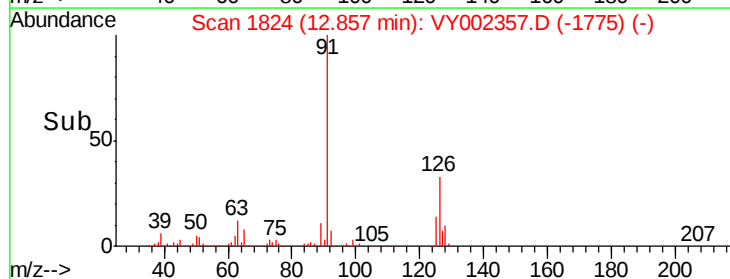
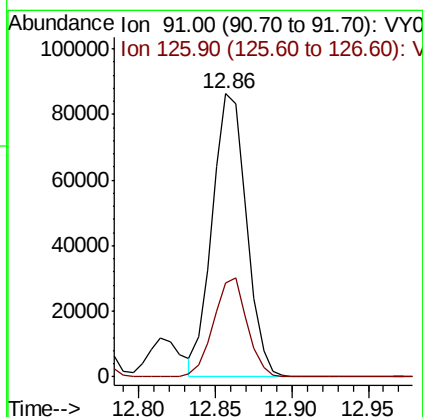
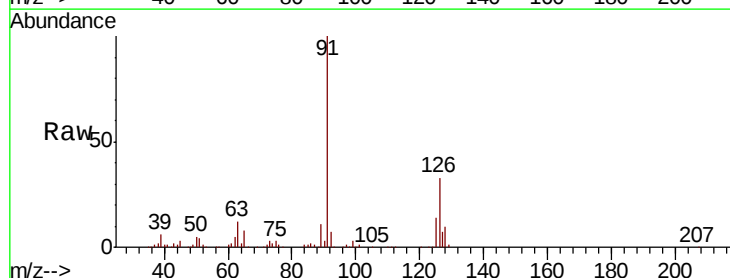
Acq: 16 Apr 2020 11:34

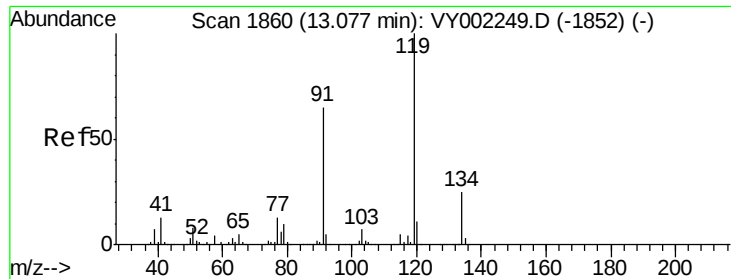
Tgt Ion: 91 Resp: 134048

Ion Ratio Lower Upper

91 100

126 34.1 16.9 50.7

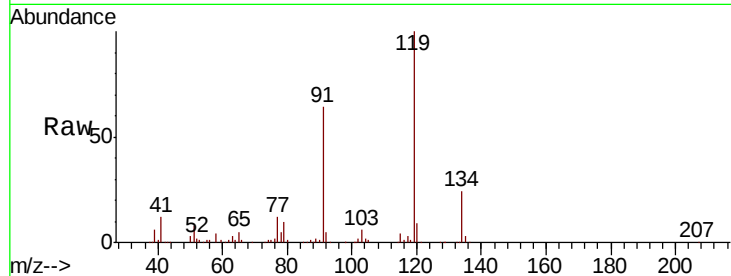




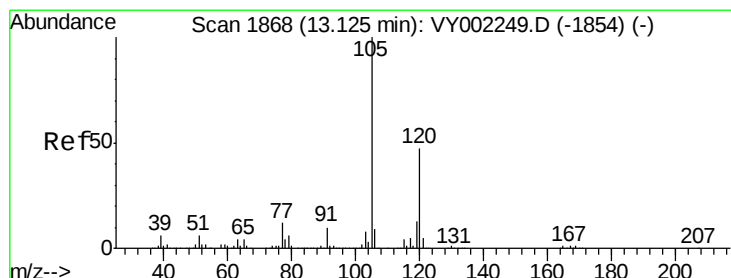
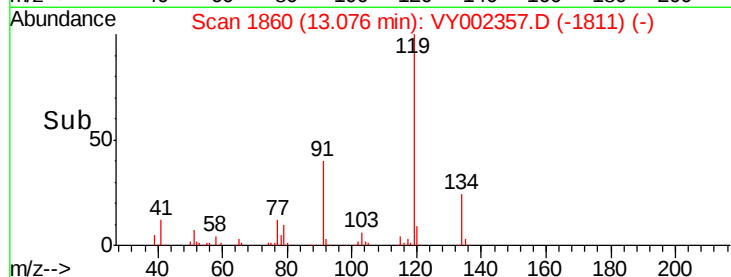
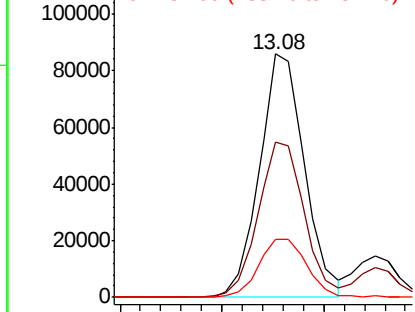
#83  
tert-Butylbenzene  
Concen: 21.011 ug/l  
RT: 13.08 min Scan# 1860  
Delta R.T. -0.00 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion:119 Resp: 131994  
Ion Ratio Lower Upper  
119 100  
91 65.3 32.4 97.0  
134 25.4 12.6 37.6

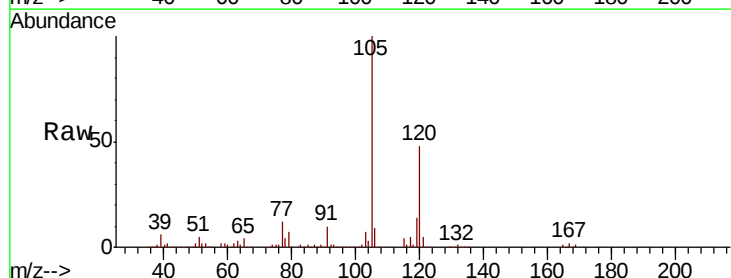


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): VY0  
Ion 134.00 (133.70 to 134.70): V

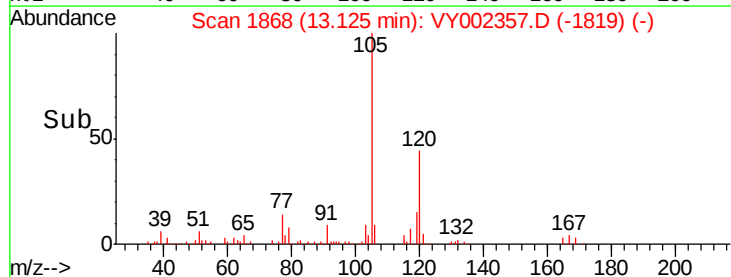
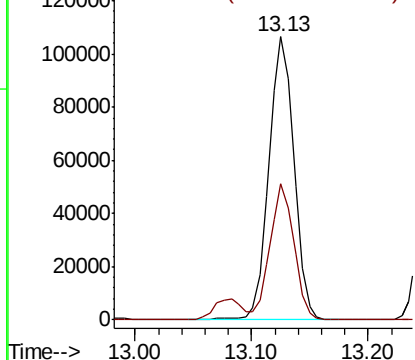


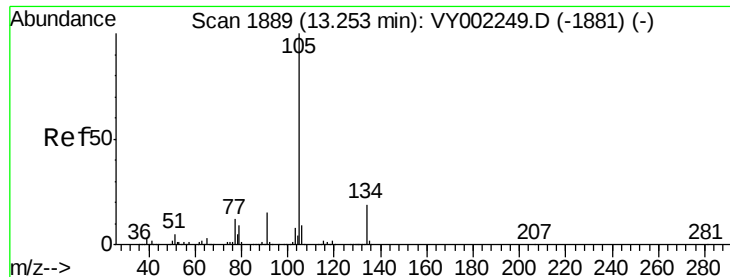
#84  
1,2,4-Trimethylbenzene  
Concen: 21.060 ug/l  
RT: 13.13 min Scan# 1868  
Delta R.T. -0.00 min  
Lab File: VY002357.D  
Acq: 16 Apr 2020 11:34

Tgt Ion:105 Resp: 157723  
Ion Ratio Lower Upper  
105 100  
120 46.4 23.1 69.2



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





#85

sec-Butylbenzene

Concen: 21.270 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

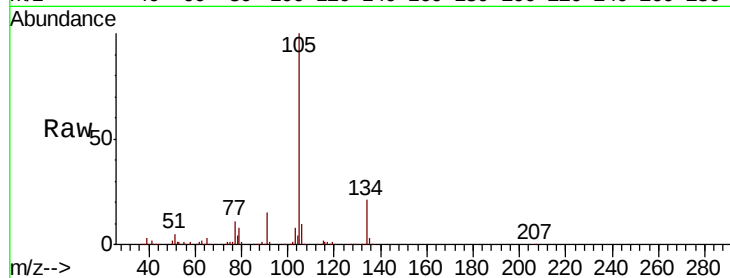
ClientSampled :

Tot Ion:105 Resp: 199048

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

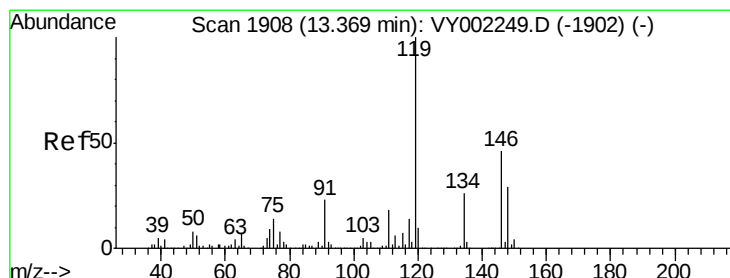
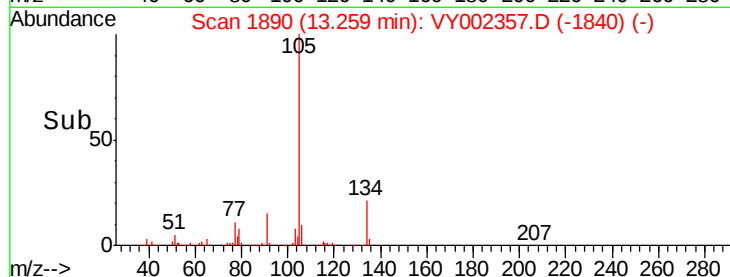
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.423 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

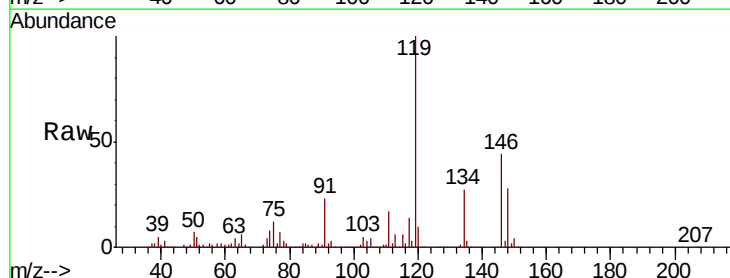
Tgt Ion:119 Resp: 172550

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

91 22.6 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

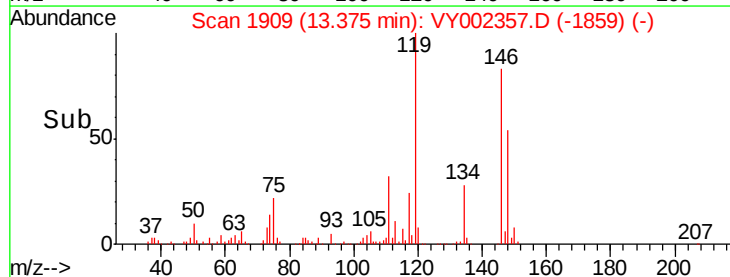
150000

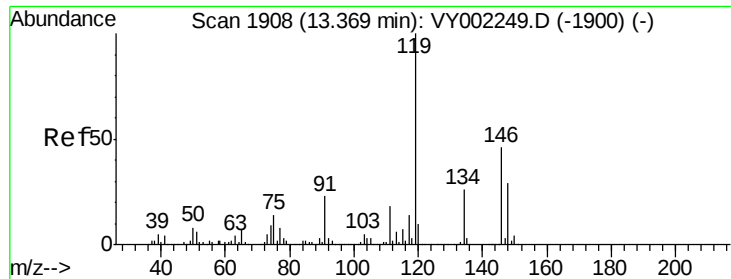
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 21.249 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002357.D

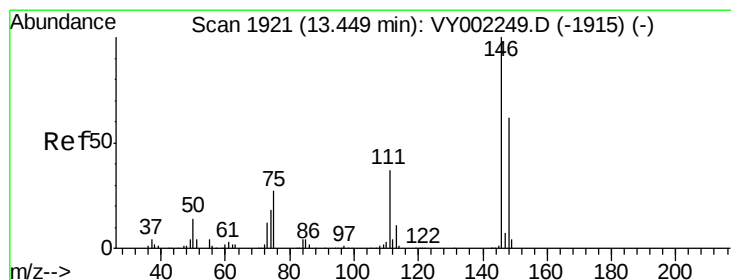
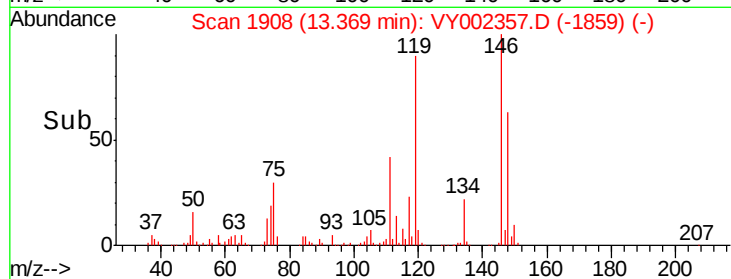
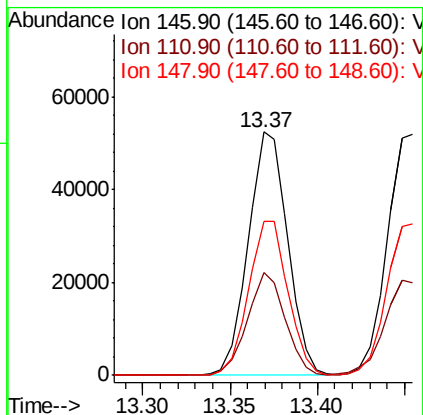
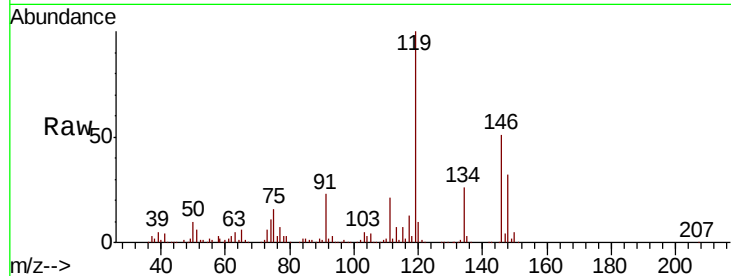
Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:146 | Resp: | 82161       |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 40.1  | 20.3 60.8   |
| 148         | 63.3  | 32.1 96.3   |



#88

1,4-Dichlorobenzene

Concen: 20.699 ug/l

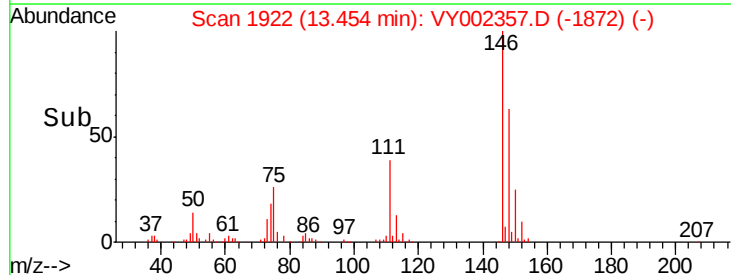
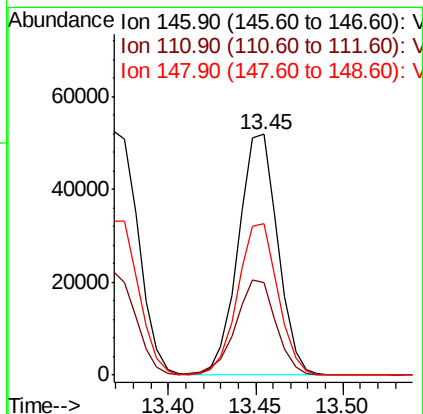
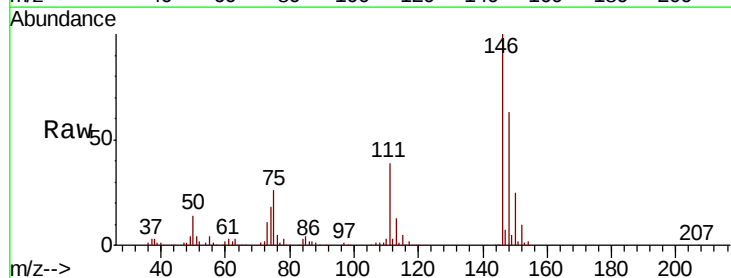
RT: 13.45 min Scan# 1922

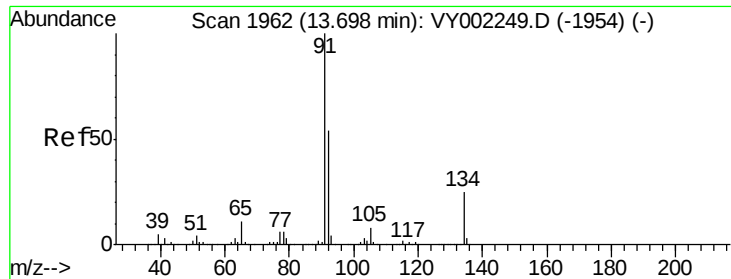
Delta R.T. 0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:146 | Resp: | 81240       |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 40.6  | 19.6 58.8   |
| 148         | 64.2  | 32.0 96.0   |





#89

n-Butylbenzene

Concen: 20.989 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

ClientSampled :

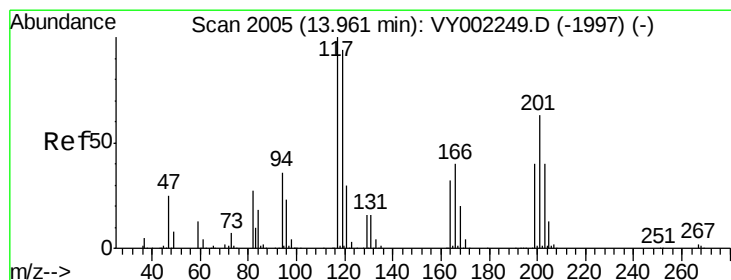
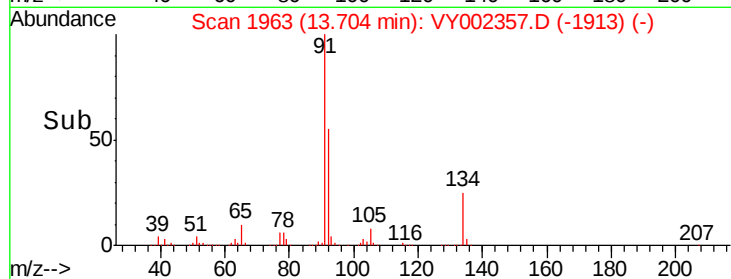
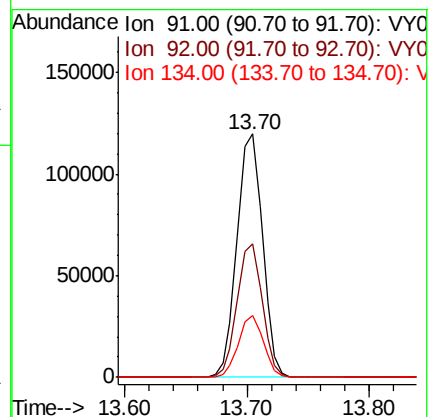
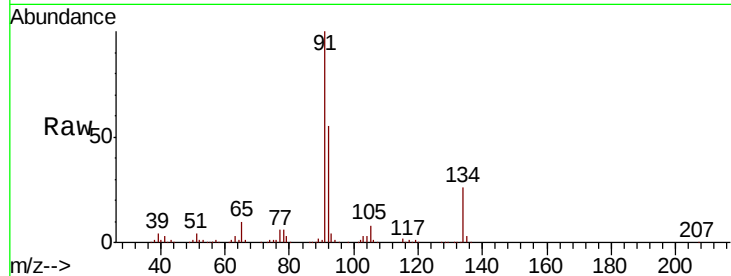
Tot Ion: 91 Resp: 173285

Ion Ratio Lower Upper

91 100

92 53.9 27.2 81.6

134 24.9 12.7 38.0



#90

Hexachloroethane

Concen: 20.702 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.01 min

Lab File: VY002357.D

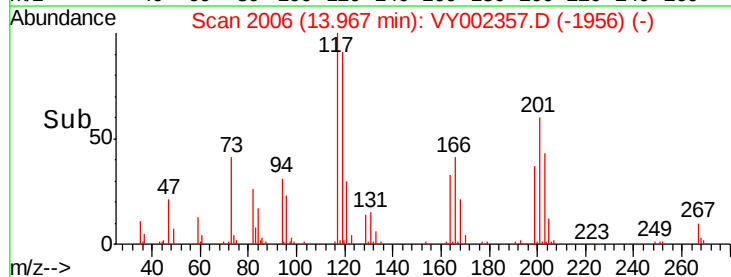
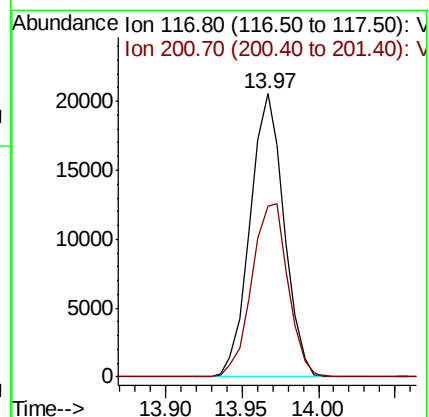
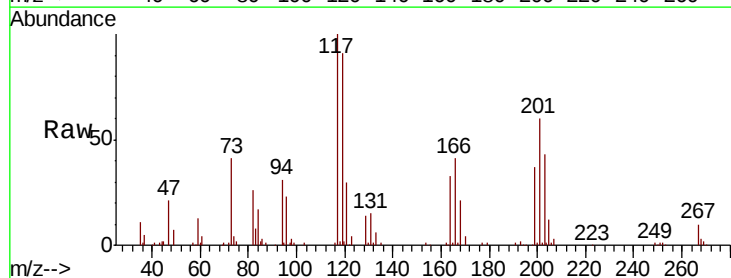
Acq: 16 Apr 2020 11:34

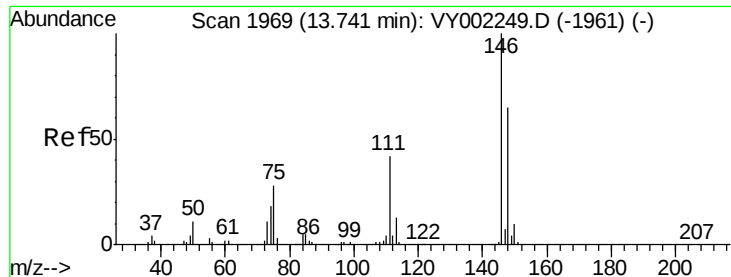
Tgt Ion: 117 Resp: 31773

Ion Ratio Lower Upper

117 100

201 65.3 33.1 99.2





#91

1,2-Dichlorobenzene

Concen: 20.481 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

ClientSampleId :

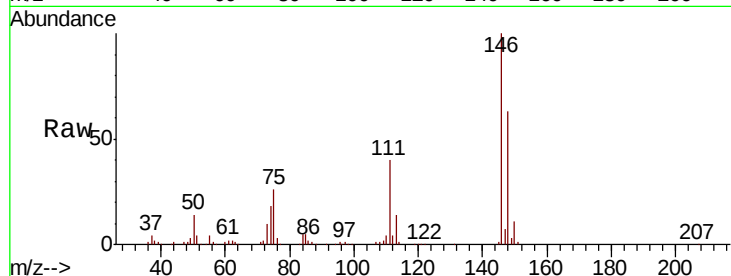
Tot Ion:146 Resp: 71958

Ion Ratio Lower Upper

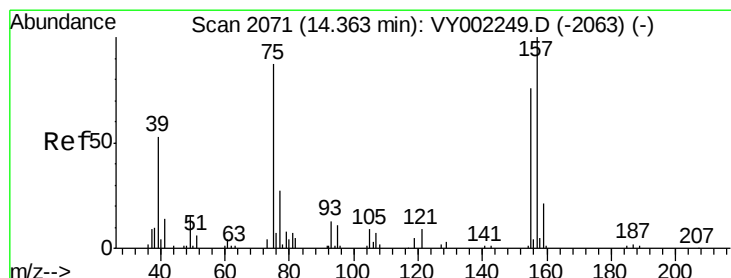
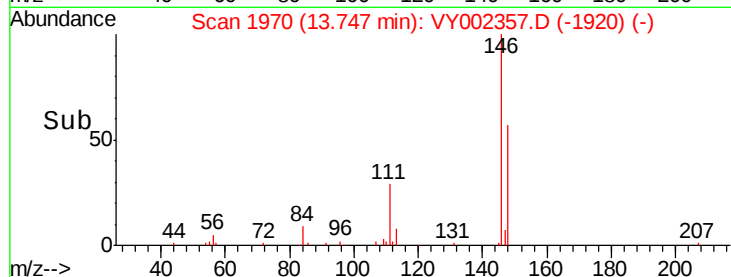
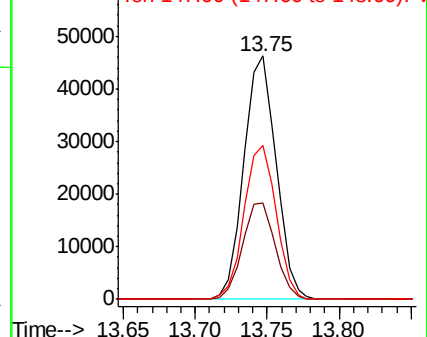
146 100

111 40.3 21.1 63.1

148 63.0 31.9 95.9



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: 16.702 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

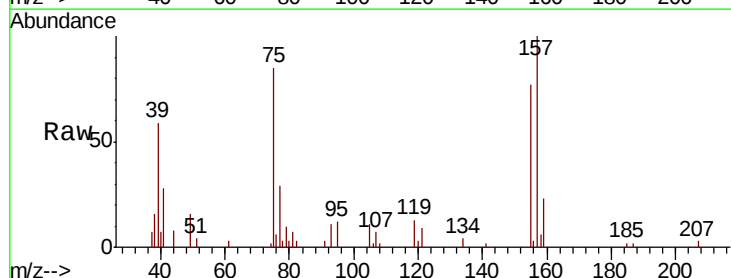
Tgt Ion: 75 Resp: 4432

Ion Ratio Lower Upper

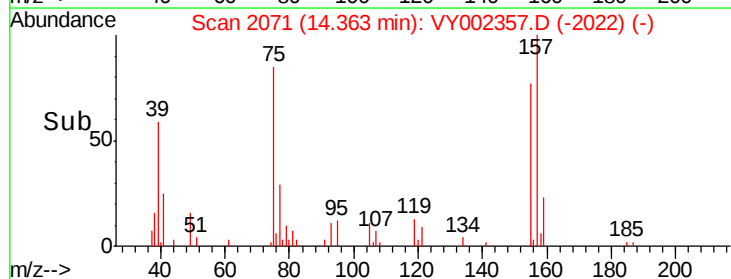
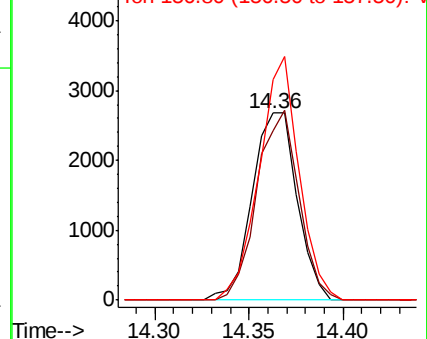
75 100

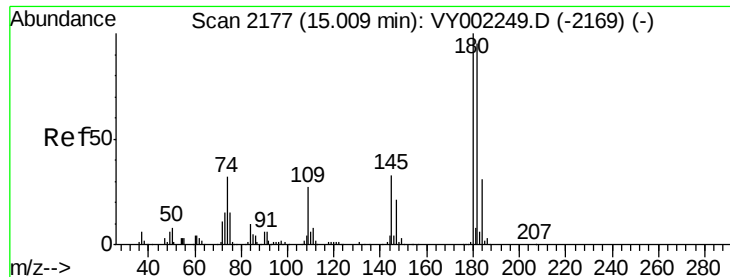
155 94.3 43.6 130.8

157 115.2 56.0 168.2



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

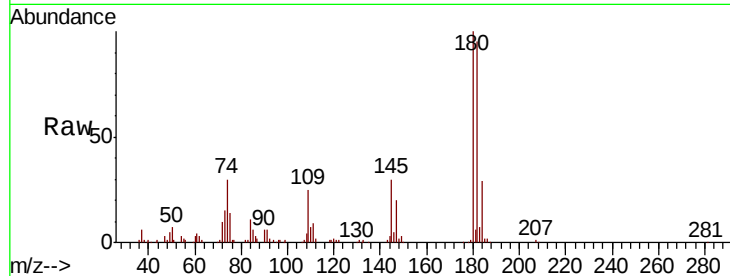




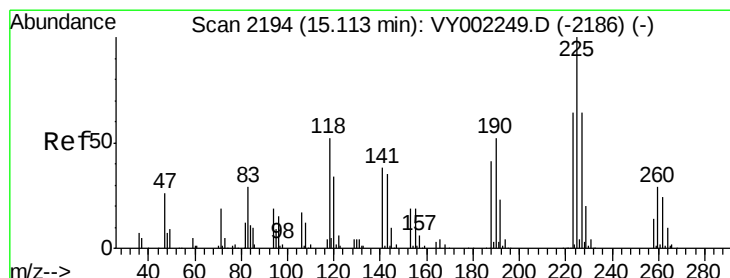
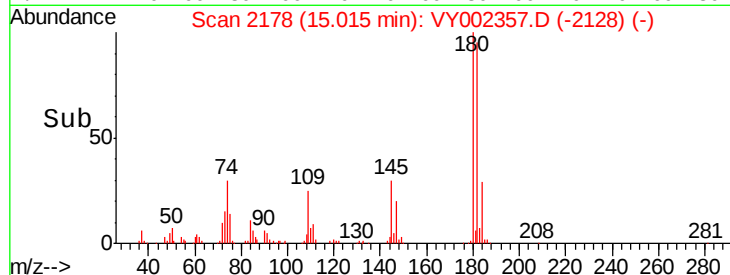
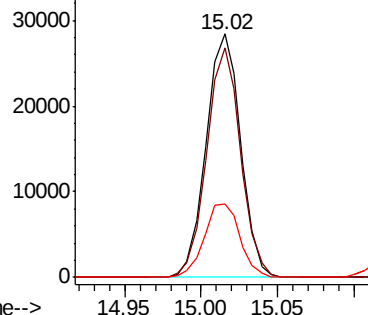
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.400 ug/l  
 RT: 15.02 min Scan# 2178  
 Delta R.T. 0.01 min  
 Lab File: VY002357.D  
 Acq: 16 Apr 2020 11:34

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tot Ion:180 Resp: 44553  
 Ion Ratio Lower Upper  
 180 100  
 182 92.5 47.9 143.7  
 145 31.2 16.0 48.0

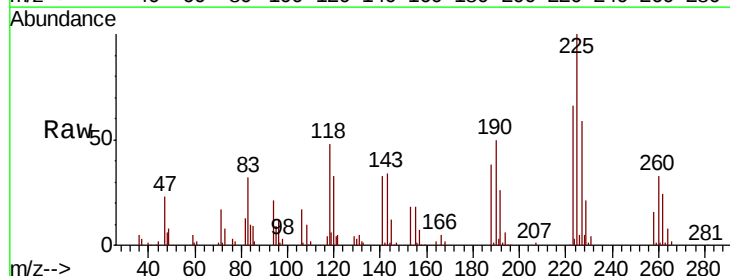


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

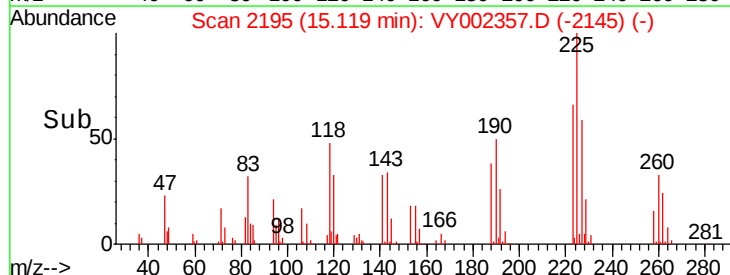
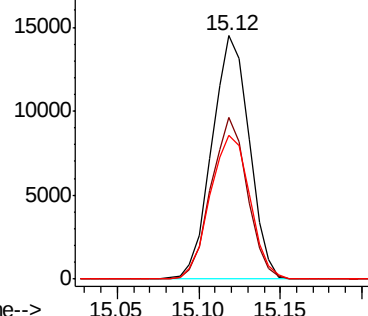


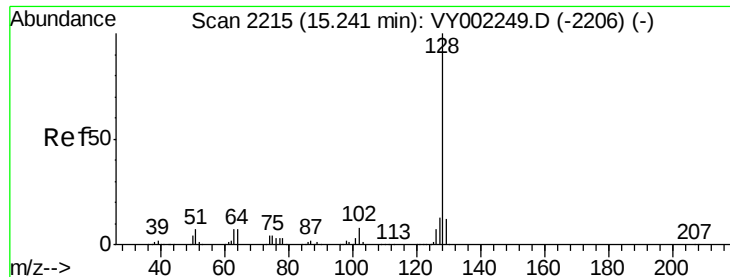
#94  
 Hexachlorobutadiene  
 Concen: 19.993 ug/l  
 RT: 15.12 min Scan# 2195  
 Delta R.T. 0.01 min  
 Lab File: VY002357.D  
 Acq: 16 Apr 2020 11:34

Tgt Ion:225 Resp: 23125  
 Ion Ratio Lower Upper  
 225 100  
 223 64.3 31.0 93.0  
 227 62.5 31.3 93.9



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: 17.299 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

Instrument :

MSVOA\_Y

ClientSampleId :

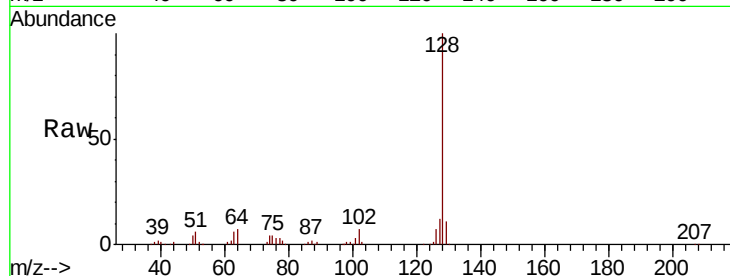
Tot Ion:128 Resp: 86984

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

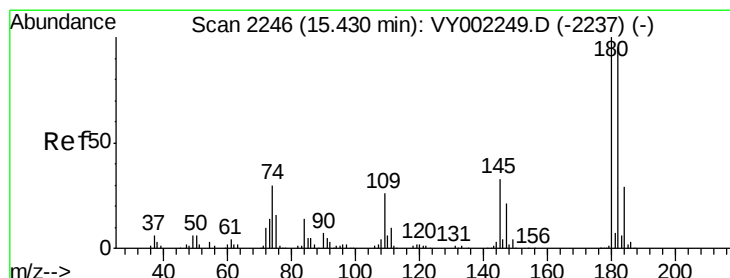
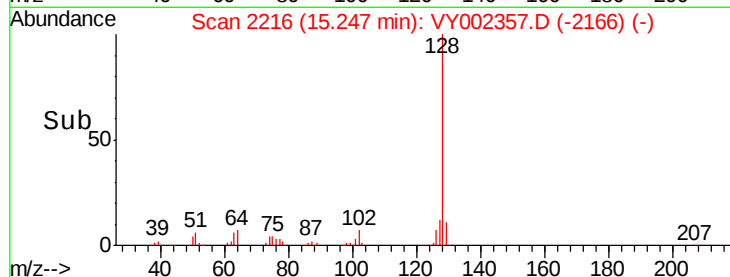
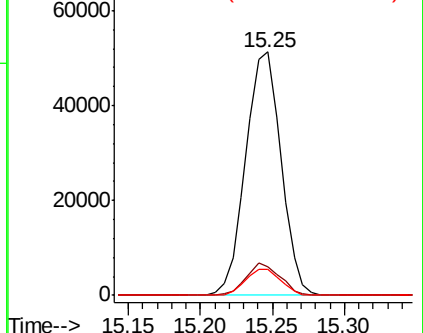
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.106 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY002357.D

Acq: 16 Apr 2020 11:34

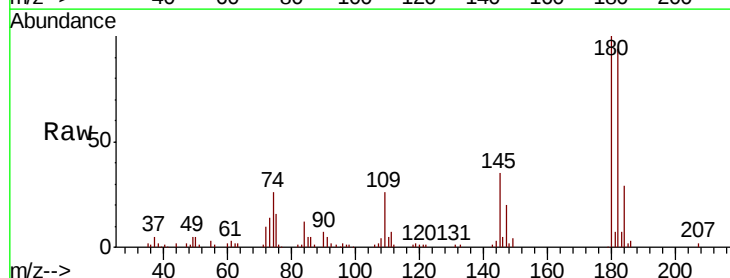
Tgt Ion:180 Resp: 36104

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.3

145 33.7 16.7 50.1



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

