

Data File : VY001937.D  
Acq On : 11 Mar 2020 12:57  
Operator : SY/MD  
Sample : VY0311SBSD01  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0311SBSD01

Quant Time: Mar 12 01:54:19 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y030420S.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 05 04:05:33 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.81  | 168  | 163954   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 299712   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 268333   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152  | 128367   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |       |
|-----------------------------|--------|-----|----------|-------|---------|-------|
| System Monitoring Compounds |        |     |          |       |         |       |
| 33) 1,2-Dichloroethane-d4   | 8.16   | 65  | 91639    | 52.36 | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 104.72% |       |
| 35) Dibromofluoromethane    | 7.74   | 113 | 83248    | 50.87 | ug/l    | -0.01 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.74% |       |
| 50) Toluene-d8              | 10.19  | 98  | 347163   | 50.31 | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.62% |       |
| 62) 4-Bromofluorobenzene    | 12.49  | 95  | 122814   | 51.18 | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.36% |       |

| Target Compounds              |      |     |        |                | Qvalue |
|-------------------------------|------|-----|--------|----------------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85  | 29963  | 19.798 ug/l    | 93     |
| 3) Chloromethane              | 2.12 | 50  | 41488  | 20.333 ug/l    | 100    |
| 4) Vinyl Chloride             | 2.26 | 62  | 42320  | 20.391 ug/l    | 99     |
| 5) Bromomethane               | 2.65 | 94  | 28033  | 19.563 ug/l    | 98     |
| 6) Chloroethane               | 2.80 | 64  | 27279  | 20.923 ug/l    | 92     |
| 7) Trichlorofluoromethane     | 3.14 | 101 | 56971  | 20.240 ug/l    | 100    |
| 8) Diethyl Ether              | 3.55 | 74  | 24146  | 21.766 ug/l    | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91 | 101 | 37861  | 20.913 ug/l    | 99     |
| 10) Methyl Iodide             | 4.11 | 142 | 40780  | 19.478 ug/l    | 99     |
| 11) Tert butyl alcohol        | 4.97 | 59  | 32096  | 168.883 ug/l # | 85     |
| 12) 1,1-Dichloroethene        | 3.90 | 96  | 37934  | 20.810 ug/l    | 100    |
| 13) Acrolein                  | 3.75 | 56  | 23634  | 96.088 ug/l    | 94     |
| 14) Allyl chloride            | 4.50 | 41  | 68107  | 21.075 ug/l    | 98     |
| 15) Acrylonitrile             | 5.19 | 53  | 64006  | 107.971 ug/l   | 100    |
| 16) Acetone                   | 3.97 | 43  | 52839  | 103.647 ug/l   | 97     |
| 17) Carbon Disulfide          | 4.21 | 76  | 119721 | 19.537 ug/l    | 100    |
| 18) Methyl Acetate            | 4.50 | 43  | 28000  | 21.376 ug/l    | 99     |
| 19) Methyl tert-butyl Ether   | 5.24 | 73  | 104466 | 21.148 ug/l    | 97     |
| 20) Methylene Chloride        | 4.74 | 84  | 50852  | 23.274 ug/l    | 95     |
| 21) trans-1,2-Dichloroethene  | 5.25 | 96  | 42308  | 20.448 ug/l    | 97     |
| 22) Diisopropyl ether         | 6.14 | 45  | 141714 | 21.393 ug/l    | 97     |
| 23) Vinyl Acetate             | 6.08 | 43  | 462882 | 106.590 ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.04 | 63  | 74303  | 20.713 ug/l    | 99     |
| 25) 2-Butanone                | 7.01 | 43  | 83135  | 107.235 ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 7.00 | 77  | 62376  | 21.186 ug/l    | 99     |
| 27) cis-1,2-Dichloroethene    | 7.01 | 96  | 47502  | 21.106 ug/l    | 99     |
| 28) Bromochloromethane        | 7.35 | 49  | 34236  | 21.174 ug/l    | 99     |
| 29) Tetrahydrofuran           | 7.37 | 42  | 55160  | 107.143 ug/l   | 99     |
| 30) Chloroform                | 7.53 | 83  | 71164  | 21.115 ug/l    | 93     |
| 31) Cyclohexane               | 7.80 | 56  | 79019  | 20.544 ug/l    | 98     |
| 32) 1,1,1-Trichloroethane     | 7.72 | 97  | 59082  | 20.799 ug/l    | 99     |
| 36) 1,1-Dichloropropene       | 7.94 | 75  | 59398  | 20.595 ug/l    | 99     |
| 37) Ethyl Acetate             | 7.10 | 43  | 38207  | 22.793 ug/l    | 99     |
| 38) Carbon Tetrachloride      | 7.92 | 117 | 49895  | 20.251 ug/l #  | 92     |

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Quant Title : SW846 8260  
QLast Update : Thu Mar 05 04:05:33 2020  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 78257    | 20.458  | ug/l   | 100      |
| 40) Benzene                    | 8.18  | 78   | 178960   | 20.934  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.36  | 41   | 49091    | 65.074  | ug/l # | 1        |
| 42) 1,2-Dichloroethane         | 8.25  | 62   | 47331    | 21.486  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.29  | 43   | 67795    | 21.362  | ug/l   | 98       |
| 44) Trichloroethene            | 8.95  | 130  | 43252    | 20.775  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.23  | 63   | 44880    | 20.884  | ug/l   | 99       |
| 46) Dibromomethane             | 9.32  | 93   | 22941    | 20.716  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.51  | 83   | 53629    | 20.818  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.31  | 41   | 29688    | 21.082  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.31  | 88   | 6623     | 436.461 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 179892   | 110.049 | ug/l   | 98       |
| 52) Toluene                    | 10.25 | 92   | 107705   | 20.740  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 59691    | 21.268  | ug/l   | 92       |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 70156    | 20.998  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.66 | 97   | 33735    | 20.815  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 50184    | 21.125  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 59797    | 20.699  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.80  | 63   | 133814   | 148.025 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.84 | 43   | 123301   | 105.680 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.99 | 129  | 35908    | 21.026  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 32039    | 20.870  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.73 | 164  | 34826    | 20.696  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.52 | 112  | 111389   | 20.833  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 37176    | 21.203  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.60 | 91   | 209136   | 20.973  | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.71 | 106  | 154975   | 42.038  | ug/l   | 100      |
| 69) o-Xylene                   | 12.03 | 106  | 72647    | 20.908  | ug/l   | 100      |
| 70) Styrene                    | 12.05 | 104  | 126036   | 21.178  | ug/l   | 99       |
| 71) Bromoform                  | 12.21 | 173  | 19751    | 20.772  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.34 | 105  | 194237   | 19.822  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.15 | 43   | 62763    | 20.840  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.59 | 83   | 43431    | 20.552  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 56544    | 37.123  | ug/l # | 100      |
| 77) Bromobenzene               | 12.61 | 156  | 42883    | 20.655  | ug/l   | 96       |
| 78) n-propylbenzene            | 12.67 | 91   | 245747   | 20.328  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.76 | 91   | 134549   | 20.145  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 165149   | 20.472  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75   | 14821    | 19.655  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 140413   | 20.191  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.08 | 119  | 140863   | 21.023  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 164295   | 20.522  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.26 | 105  | 205535   | 20.811  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.38 | 119  | 178621   | 20.966  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.37 | 146  | 84725    | 20.825  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 84014    | 20.355  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.70 | 91   | 184234   | 20.843  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.97 | 117  | 32871    | 20.452  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.75 | 146  | 76990    | 20.830  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 6979     | 21.165  | ug/l   | 93       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_Y\DATA\VY031120\  
Quantitation Report (Not Reviewed)

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Sample : VY0311SBSD01  
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Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0311SBSD01

Quant Time: Mar 12 01:54:19 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y030420S.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 05 04:05:33 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180  | 48995    | 20.440 | ug/l  | 95       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 24454    | 20.926 | ug/l  | 99       |
| 95) Naphthalene            | 15.24 | 128  | 117778   | 20.715 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.43 | 180  | 44014    | 20.844 | ug/l  | 98       |

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

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Sample : VY0311SBSD01

Misc : 5.00G/5ML/MSVOA Y/SOIL

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ALS Vial      : 5      Sample Multiplier: 1
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**Instrument :**  
MSVOA\_Y  
**ClientSampleId :**  
VY0311SBSD01

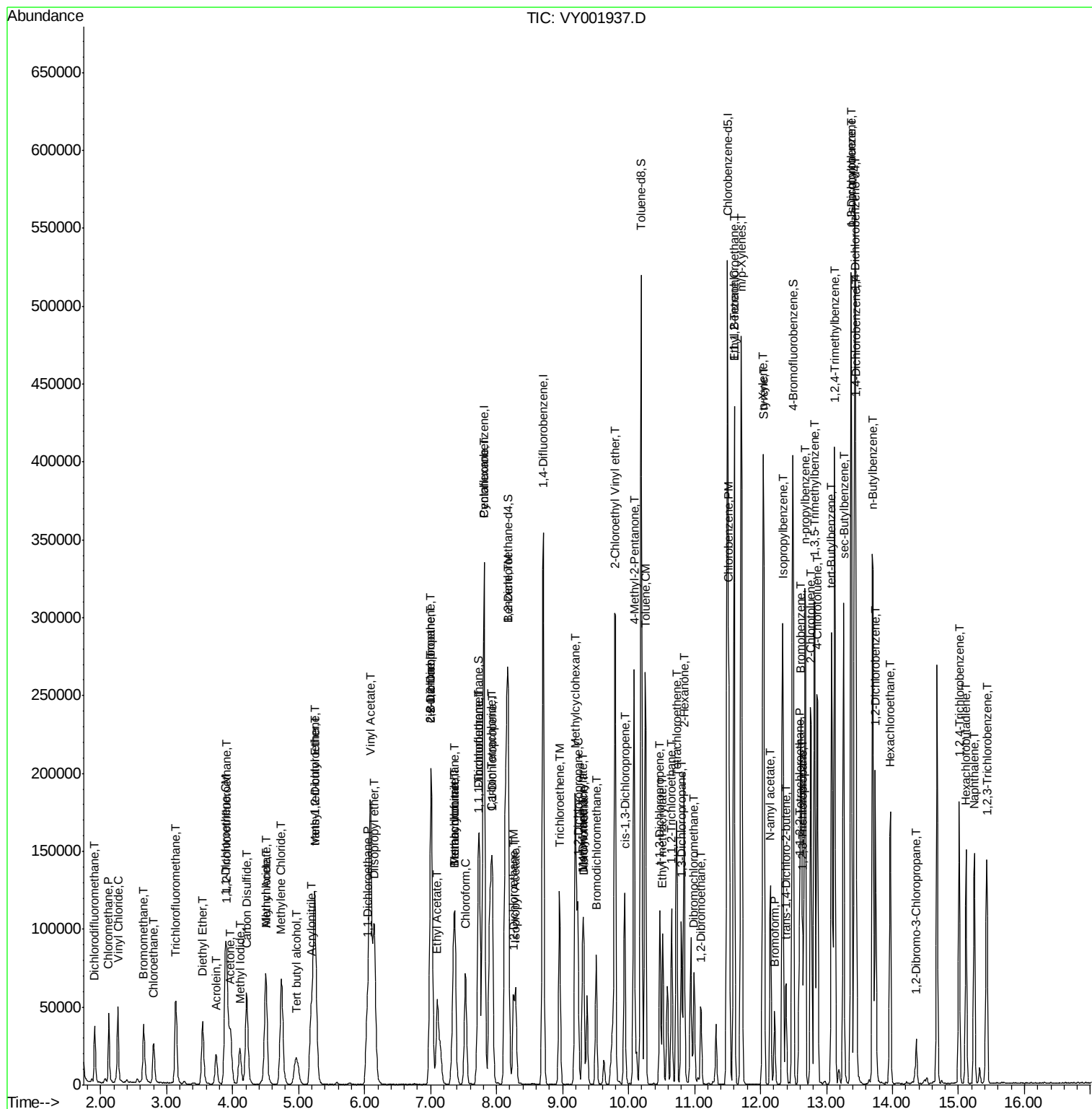
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_Y\METHODS\82Y030420S.M

Quant Title : SW846 8260

QLast Update : Thu Mar 05 04:05:33 2020

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

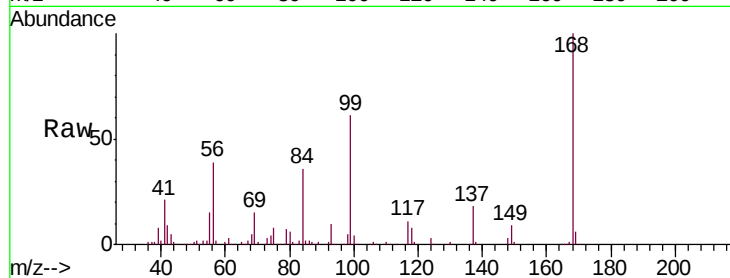
VY0311SBSD01

Tgt Ion:168 Resp: 163954

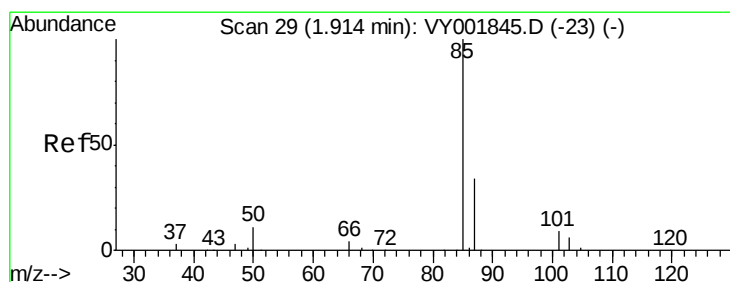
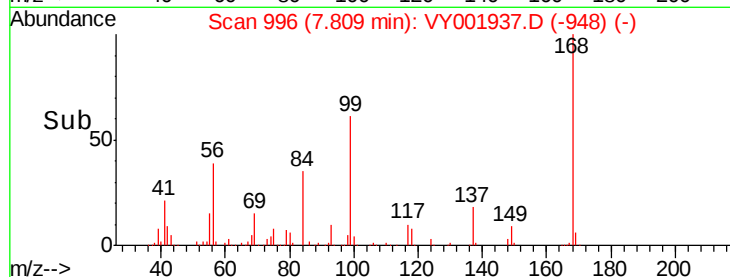
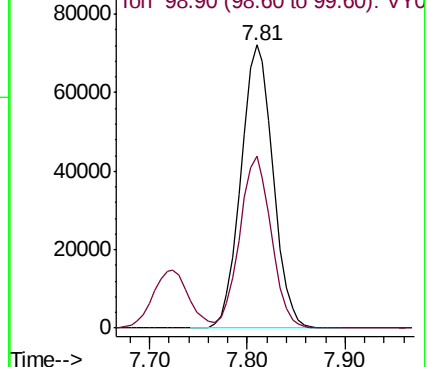
Ion Ratio Lower Upper

168 100

99 60.9 46.7 70.1



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



#2

Dichlorodifluoromethane

Concen: 19.798 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001937.D

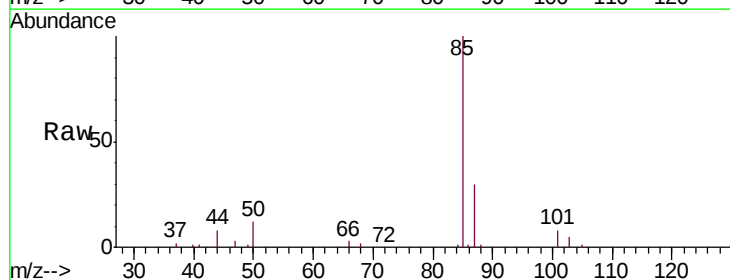
Acq: 11 Mar 2020 12:57

Tgt Ion: 85 Resp: 29963

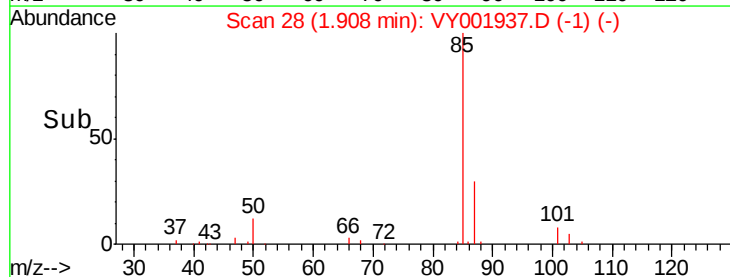
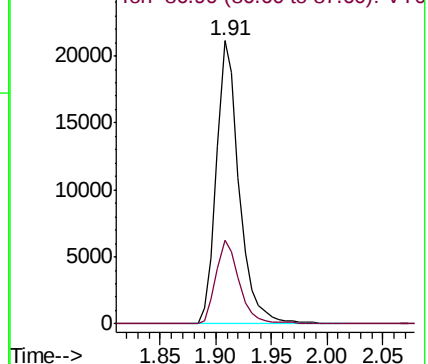
Ion Ratio Lower Upper

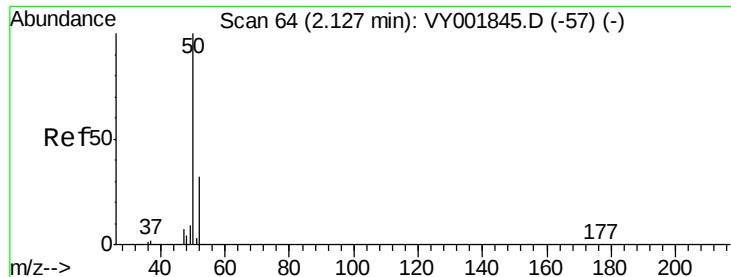
85 100

87 29.8 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)





#3

Chloromethane

Concen: 20.333 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

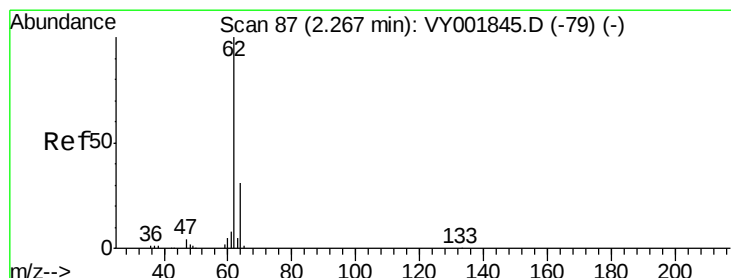
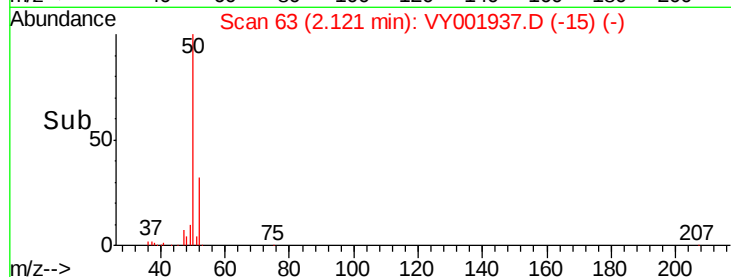
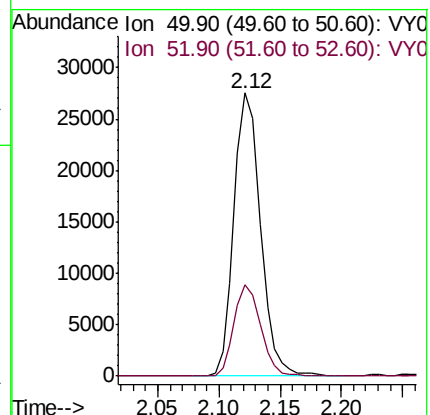
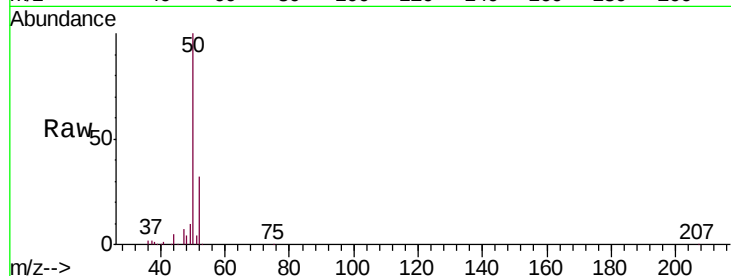
VY0311SBSD01

Tgt Ion: 50 Resp: 41488

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.6



#4

Vinyl Chloride

Concen: 20.391 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001937.D

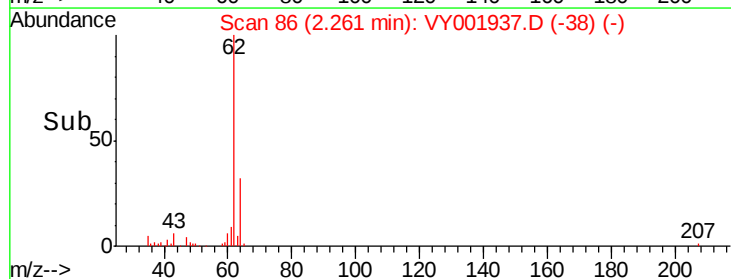
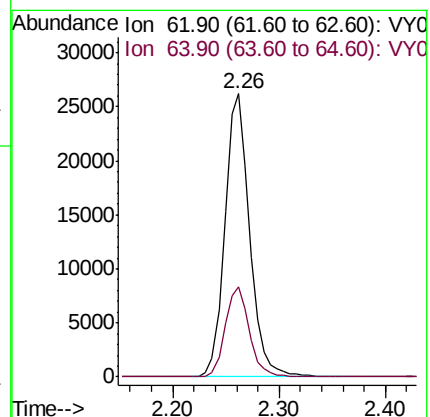
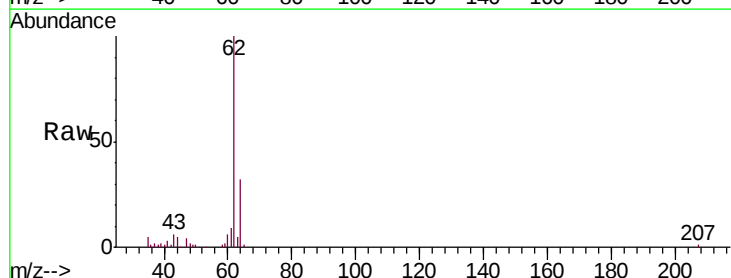
Acq: 11 Mar 2020 12:57

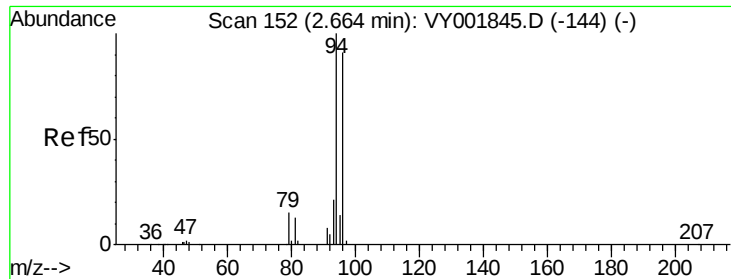
Tgt Ion: 62 Resp: 42320

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 19.563 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

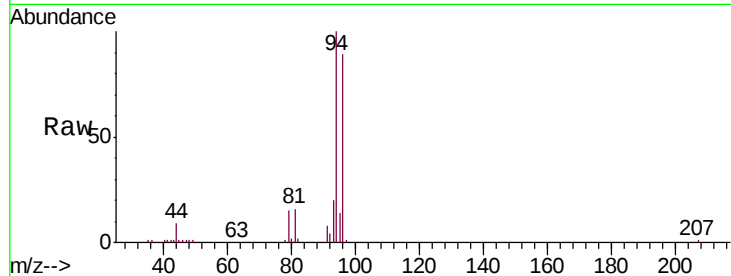
VY0311SBSD01

Tgt Ion: 94 Resp: 28033

Ion Ratio Lower Upper

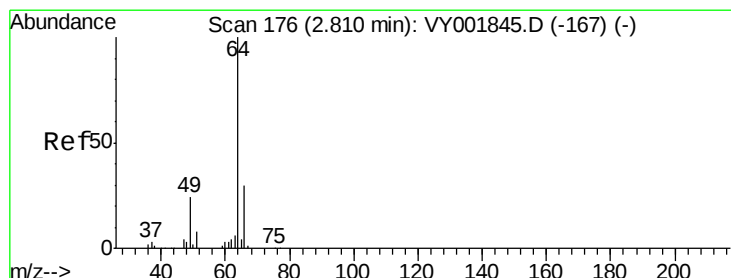
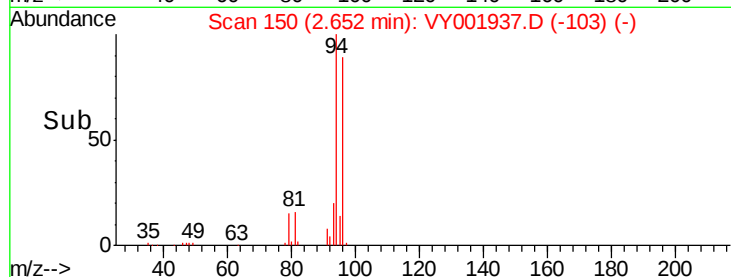
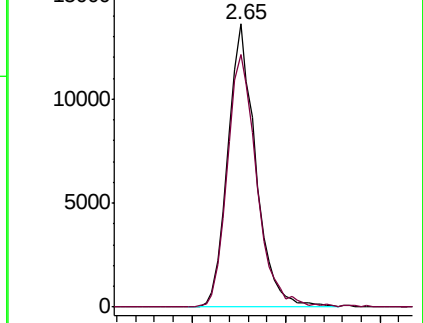
94 100

96 89.2 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.923 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001937.D

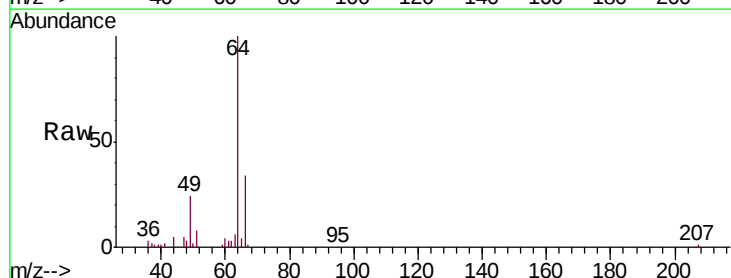
Acq: 11 Mar 2020 12:57

Tgt Ion: 64 Resp: 27279

Ion Ratio Lower Upper

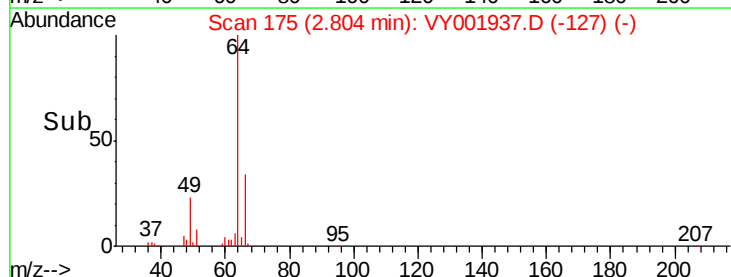
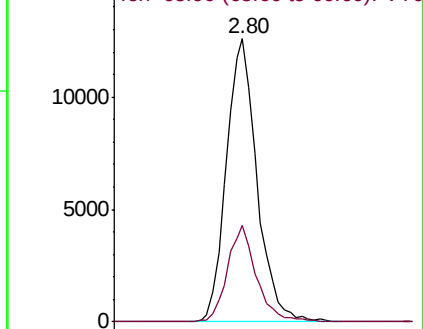
64 100

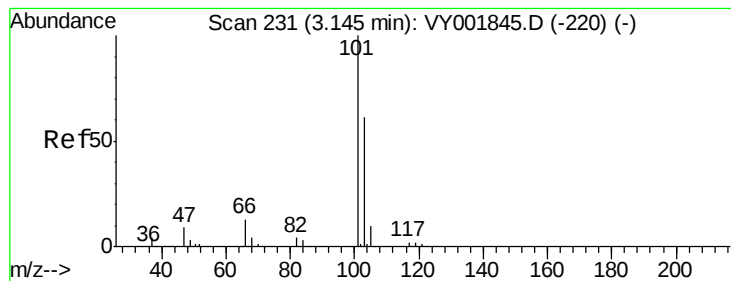
66 33.9 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



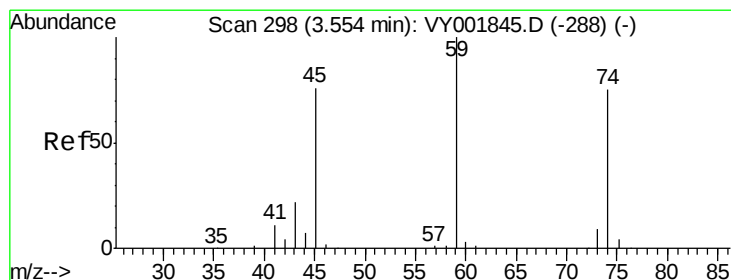
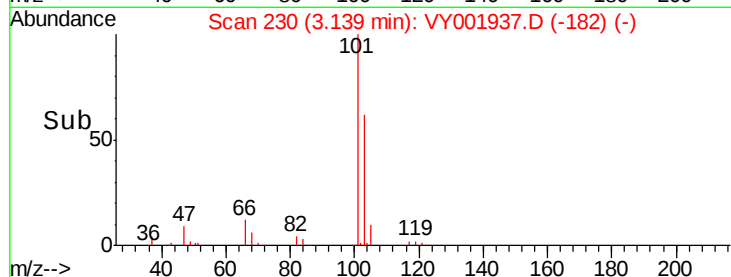
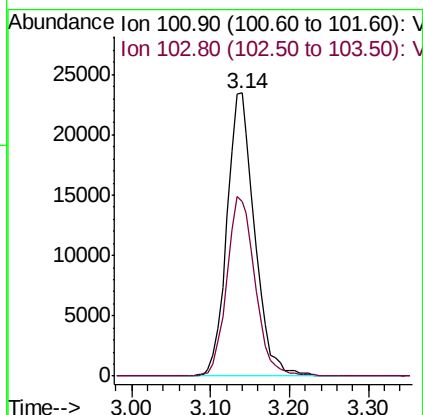
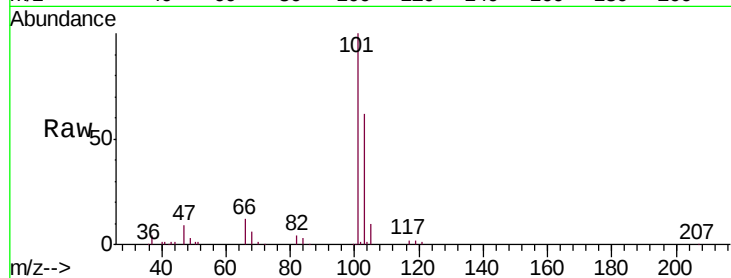


#7

Trichlorofluoromethane  
 Concen: 20.240 ug/l  
 RT: 3.14 min Scan# 230  
 Delta R.T. -0.01 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0311SBSD01

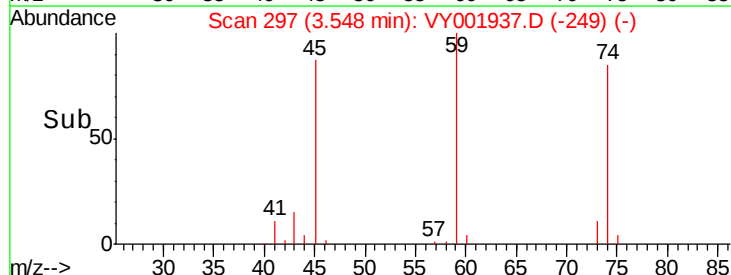
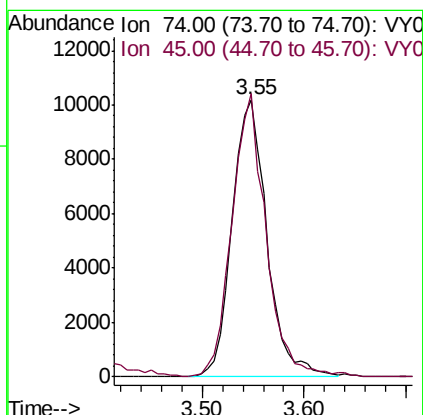
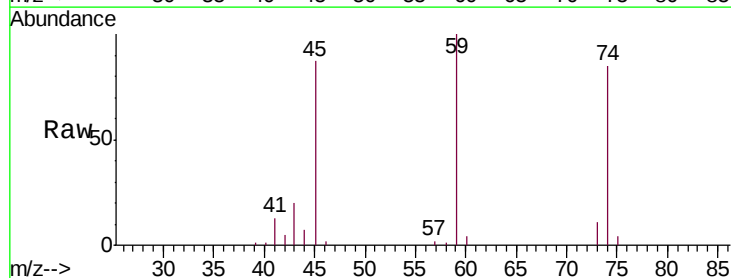
Tgt Ion:101 Resp: 56971  
 Ion Ratio Lower Upper  
 101 100  
 103 61.5 49.1 73.7

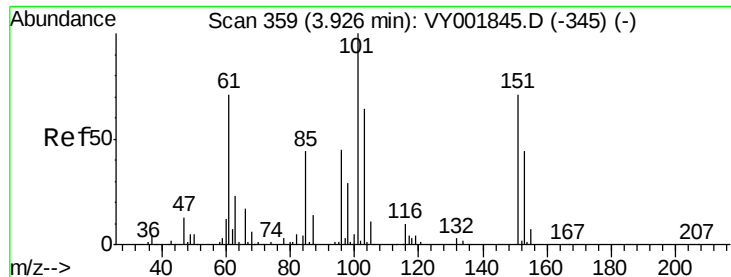


#8

Diethyl Ether  
 Concen: 21.766 ug/l  
 RT: 3.55 min Scan# 297  
 Delta R.T. -0.01 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

Tgt Ion: 74 Resp: 24146  
 Ion Ratio Lower Upper  
 74 100  
 45 100.1 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.913 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

VY0311SBS01

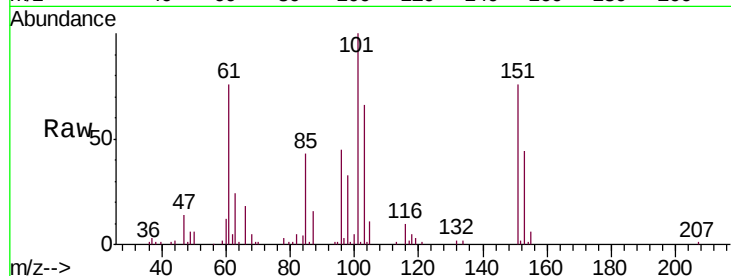
Tgt Ion:101 Resp: 37861

Ion Ratio Lower Upper

101 100

85 44.5 35.3 52.9

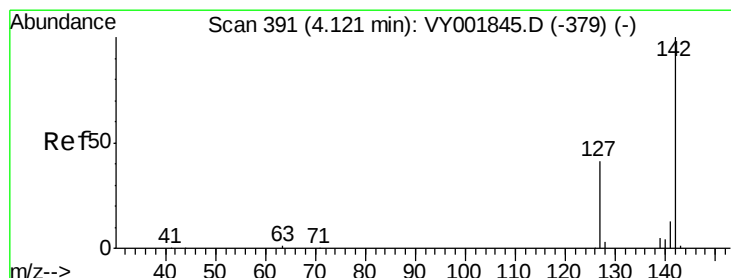
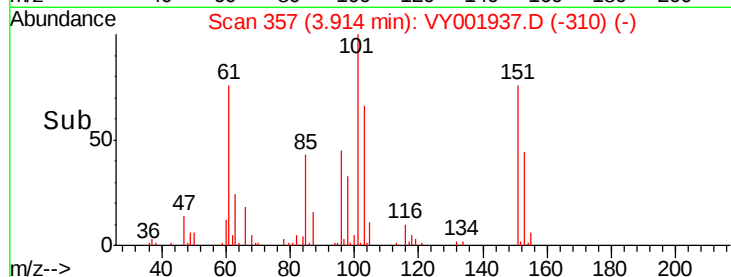
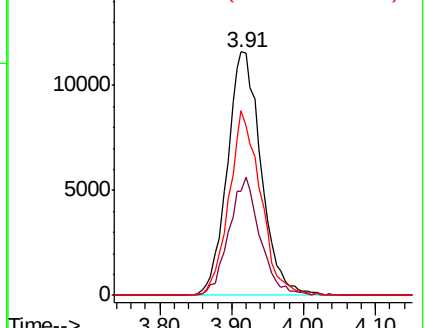
151 70.5 57.0 85.4



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: 19.478 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

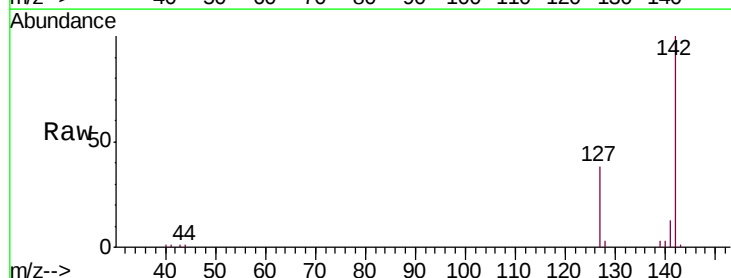
Tgt Ion:142 Resp: 40780

Ion Ratio Lower Upper

142 100

127 40.2 32.7 49.1

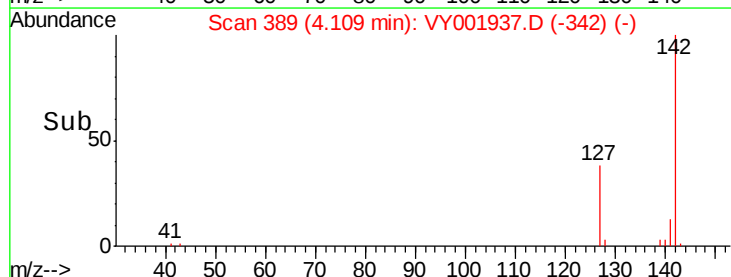
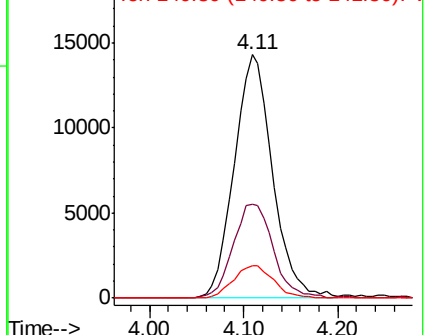
141 14.0 11.0 16.6

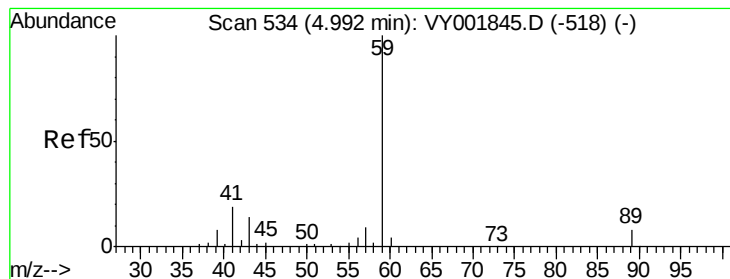


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



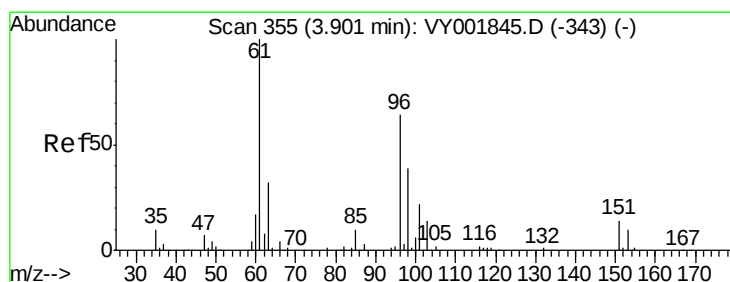
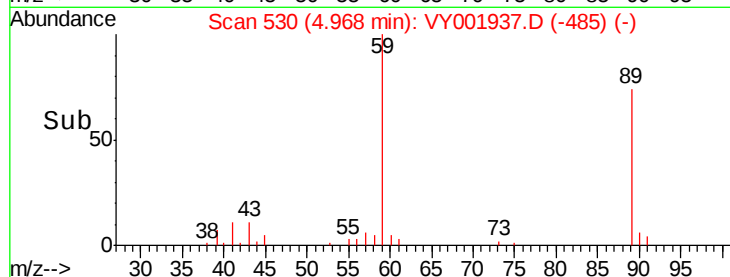
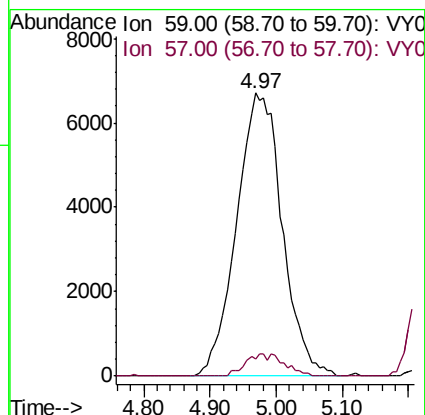
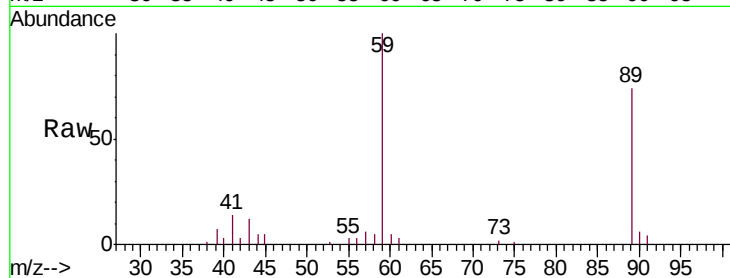


#11

Tert butyl alcohol  
 Concen: 168.883 ug/l  
 RT: 4.97 min Scan# 530  
 Delta R.T. -0.02 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0311SBS01

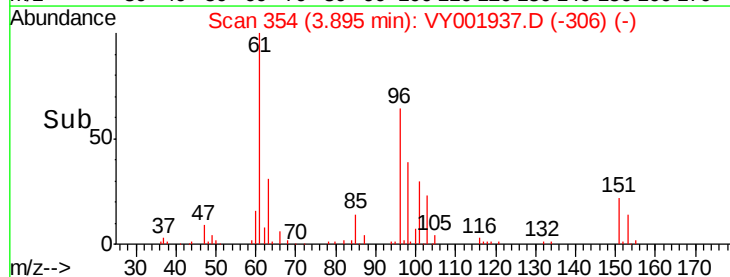
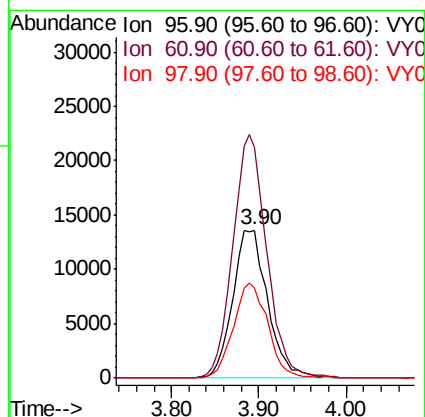
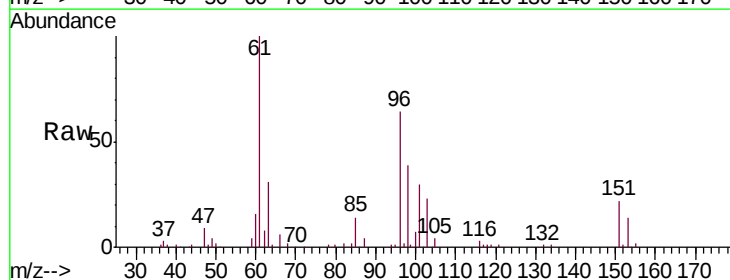
Tgt Ion: 59 Resp: 32096  
 Ion Ratio Lower Upper  
 59 100  
 57 3.7 7.4 11.2#

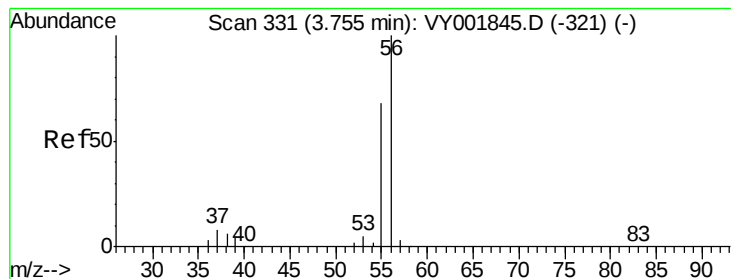


#12

1,1-Dichloroethene  
 Concen: 20.810 ug/l  
 RT: 3.90 min Scan# 354  
 Delta R.T. -0.01 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

Tgt Ion: 96 Resp: 37934  
 Ion Ratio Lower Upper  
 96 100  
 61 156.3 124.8 187.2  
 98 60.9 49.2 73.8





#13

Acrolein

Concen: 96.088 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

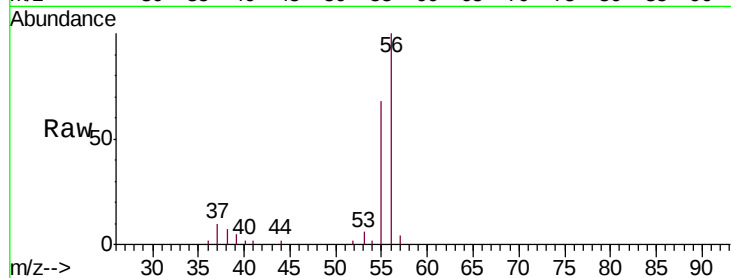
VY0311SBS01

Tgt Ion: 56 Resp: 23634

Ion Ratio Lower Upper

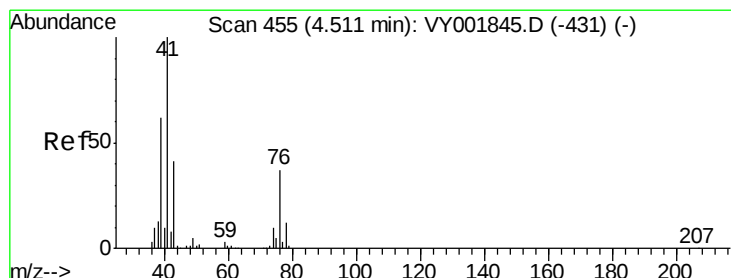
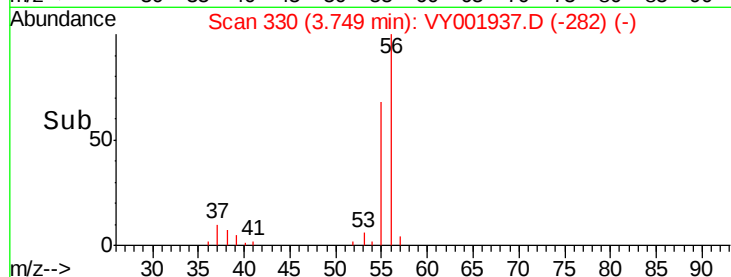
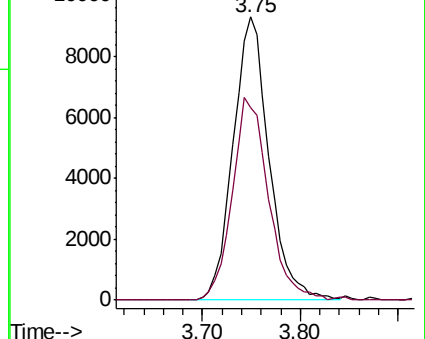
56 100

55 72.2 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.075 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

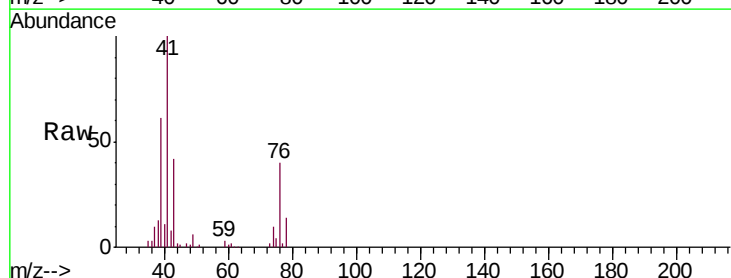
Tgt Ion: 41 Resp: 68107

Ion Ratio Lower Upper

41 100

39 60.1 49.0 73.6

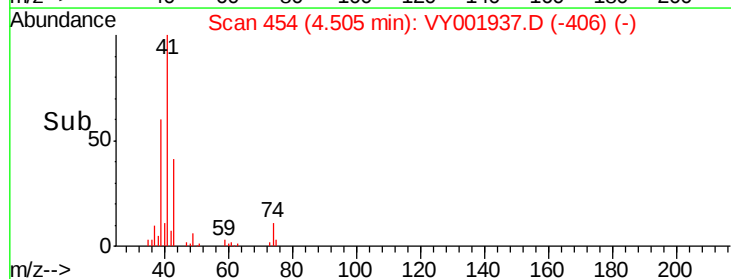
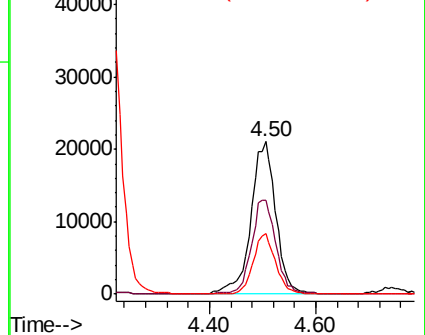
76 35.2 28.9 43.3

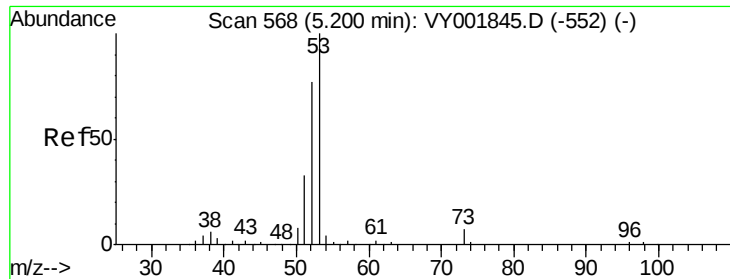


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 107.971 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

VY0311SBSD01

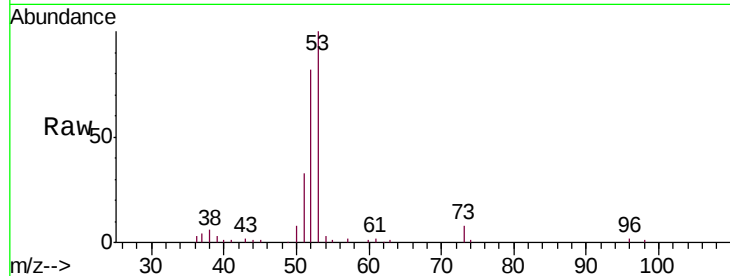
Tgt Ion: 53 Resp: 64006

Ion Ratio Lower Upper

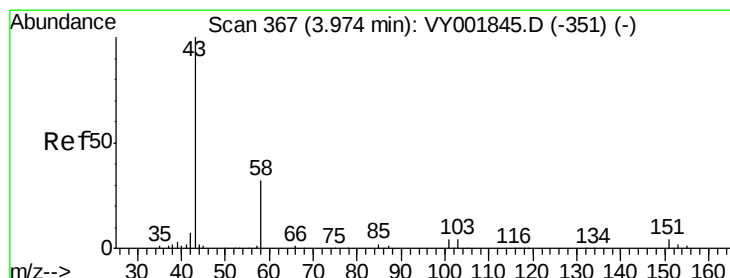
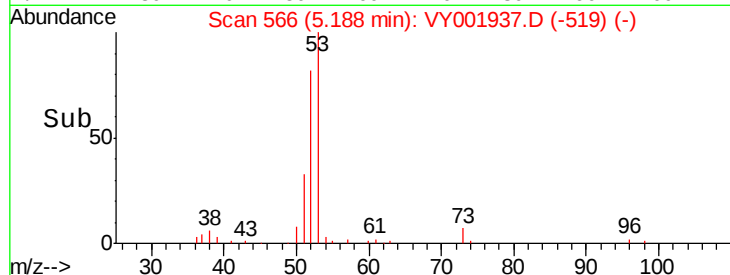
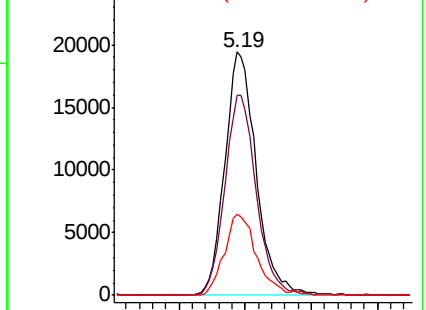
53 100

52 81.8 65.1 97.7

51 34.2 27.5 41.3



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: 103.647 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001937.D

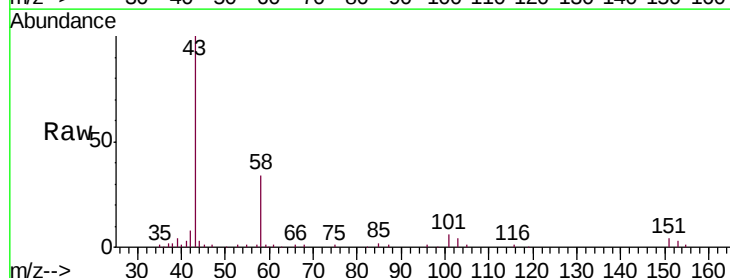
Acq: 11 Mar 2020 12:57

Tgt Ion: 43 Resp: 52839

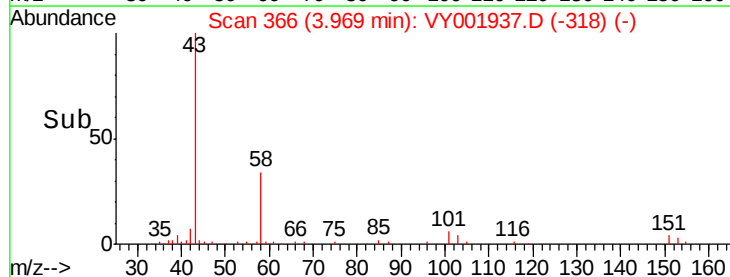
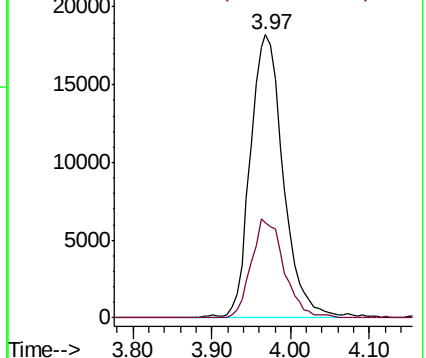
Ion Ratio Lower Upper

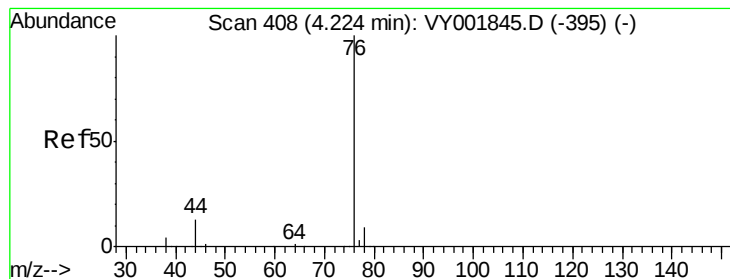
43 100

58 33.8 25.9 38.9



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





#17

Carbon Disulfide

Concen: 19.537 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

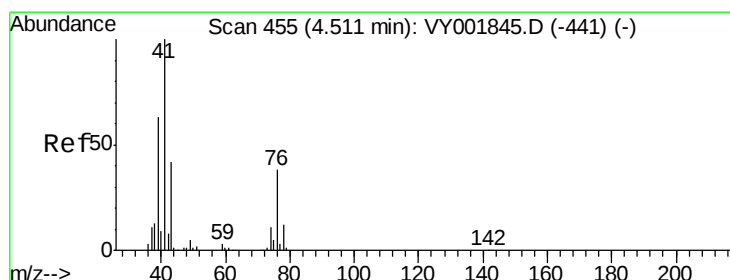
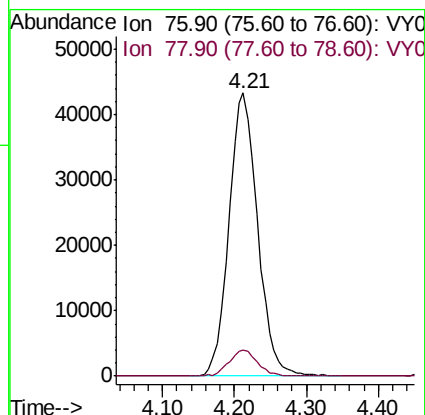
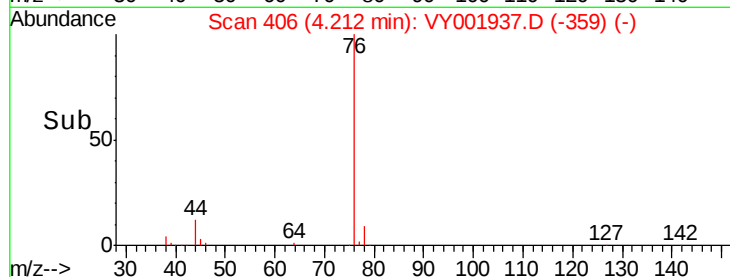
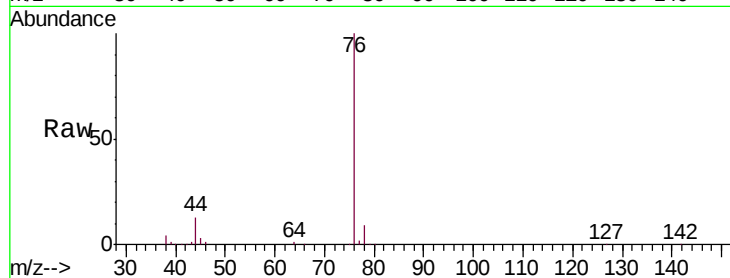
VY0311SBS01

Tgt Ion: 76 Resp: 119721

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



#18

Methyl Acetate

Concen: 21.376 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.01 min

Lab File: VY001937.D

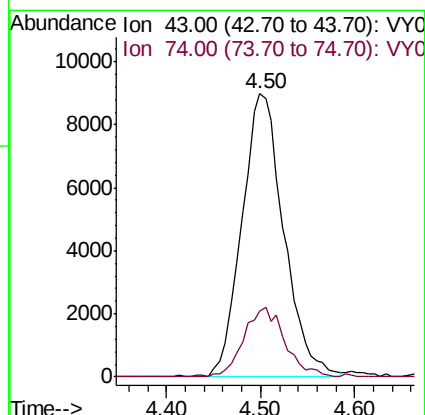
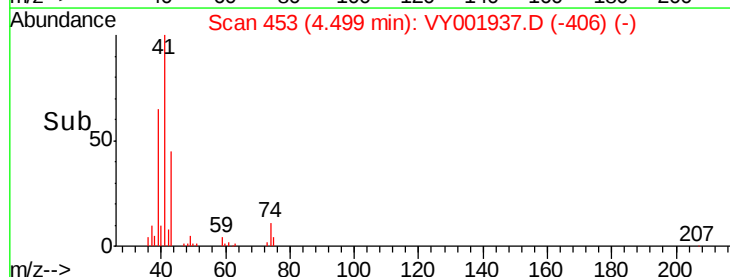
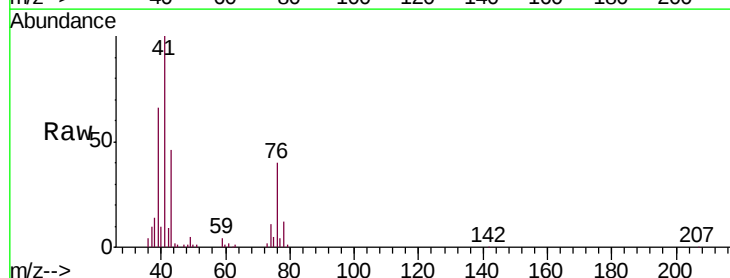
Acq: 11 Mar 2020 12:57

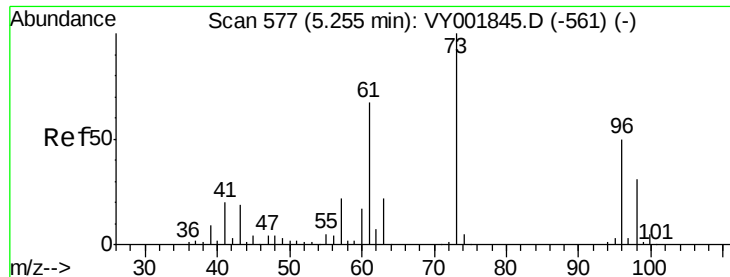
Tgt Ion: 43 Resp: 28000

Ion Ratio Lower Upper

43 100

74 24.1 19.0 28.6

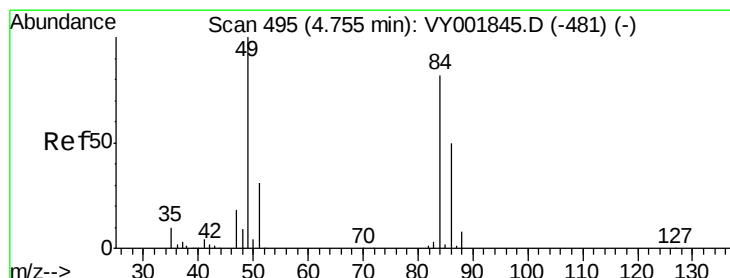
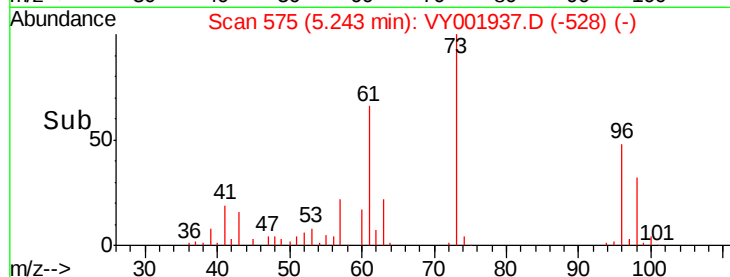
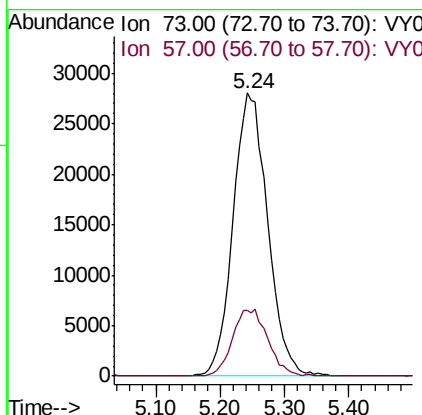
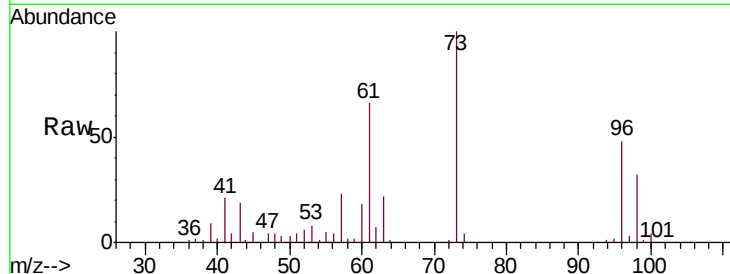




#19  
Methyl tert-butyl Ether  
Concen: 21.148 ug/l  
RT: 5.24 min Scan# 575  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

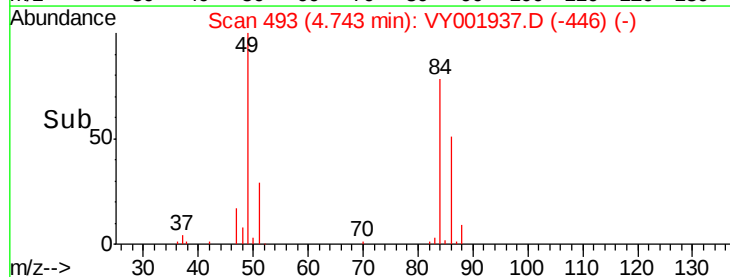
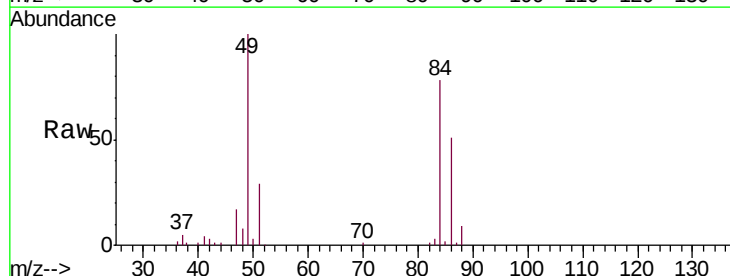
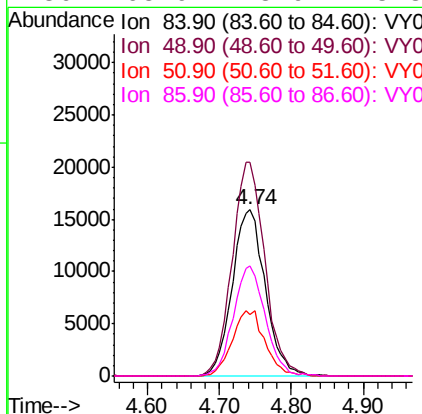
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0311SBSD01

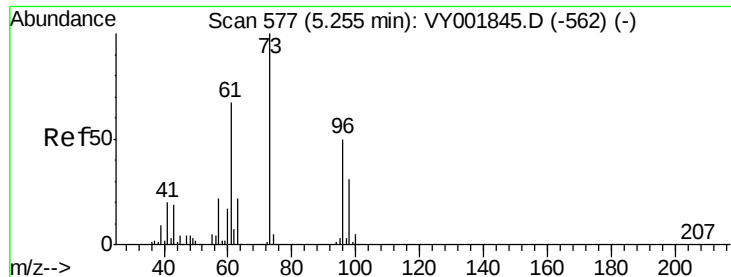
Tgt Ion: 73 Resp: 104466  
Ion Ratio Lower Upper  
73 100  
57 23.3 17.4 26.2



#20  
Methylene Chloride  
Concen: 23.274 ug/l  
RT: 4.74 min Scan# 493  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Tgt Ion: 84 Resp: 50852  
Ion Ratio Lower Upper  
84 100  
49 128.5 98.2 147.2  
51 36.7 30.2 45.2  
86 65.9 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.448 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

VY0311SBSD01

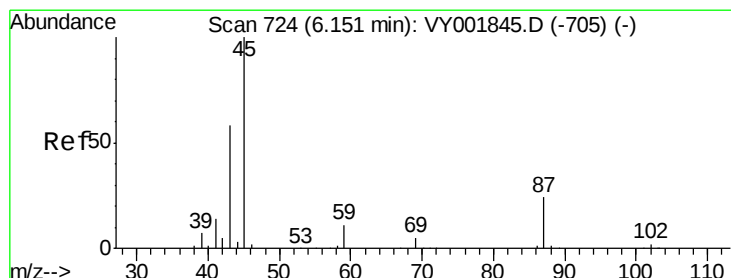
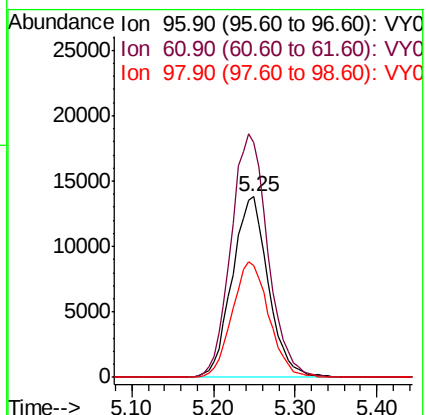
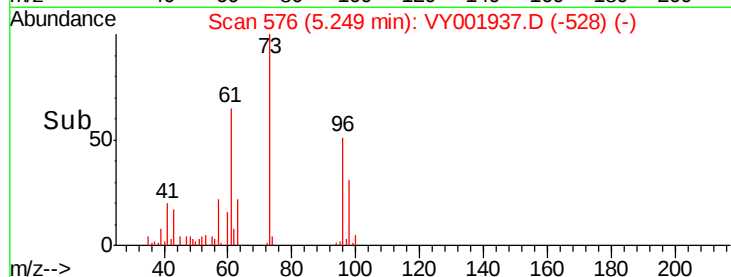
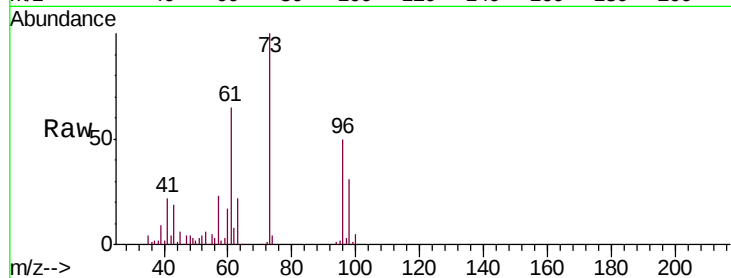
Tgt Ion: 96 Resp: 42308

Ion Ratio Lower Upper

96 100

61 129.6 107.7 161.5

98 61.8 49.3 73.9



#22

Diisopropyl ether

Concen: 21.393 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Tgt Ion: 45 Resp: 141714

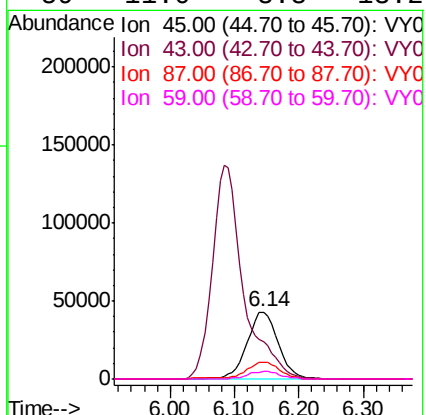
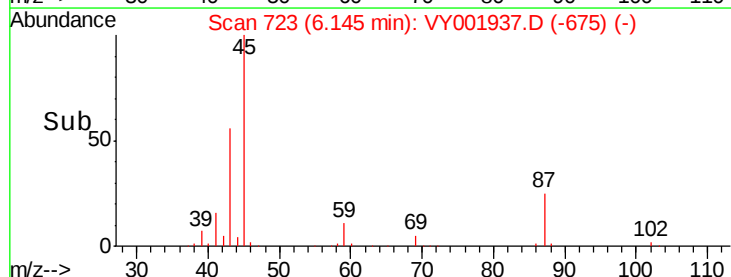
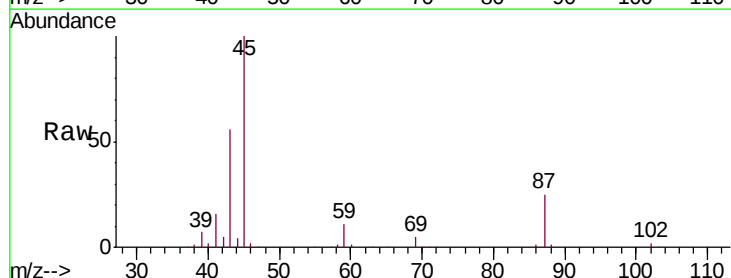
Ion Ratio Lower Upper

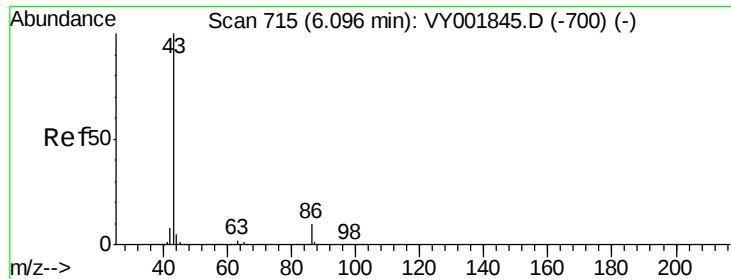
45 100

43 55.7 47.2 70.8

87 24.8 19.8 29.8

59 11.0 8.8 13.2





#23

Vinyl Acetate

Concen: 106.590 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

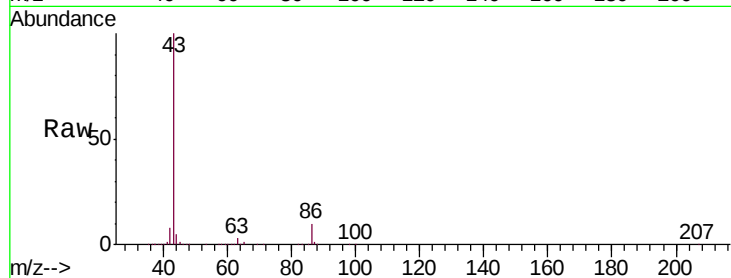
VY0311SBSD01

Tgt Ion: 43 Resp: 462882

Ion Ratio Lower Upper

43 100

86 10.3 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

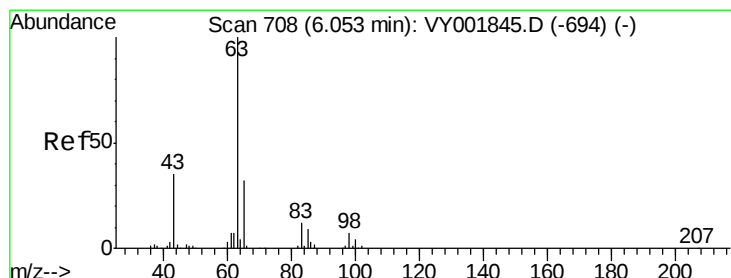
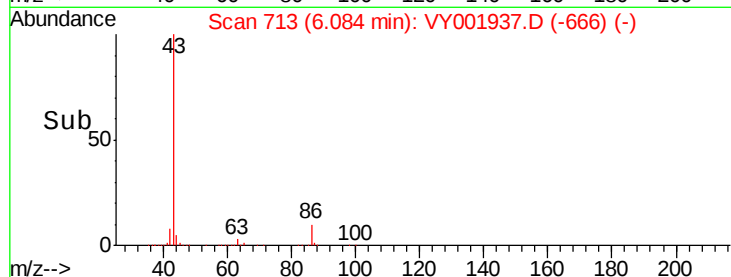
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.713 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

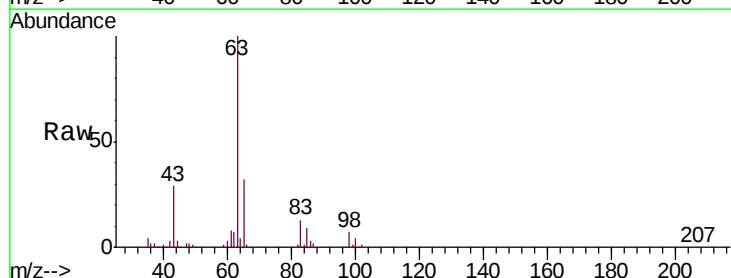
Tgt Ion: 63 Resp: 74303

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.3 2.0 6.0



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

6.04

30000

25000

20000

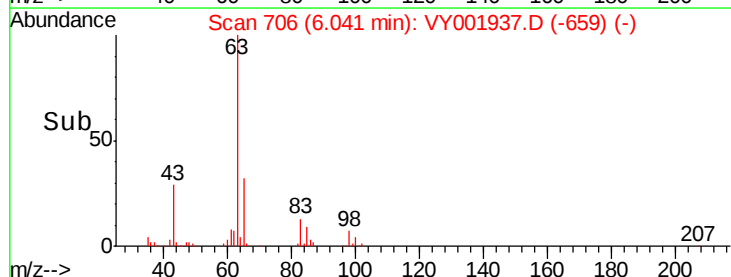
15000

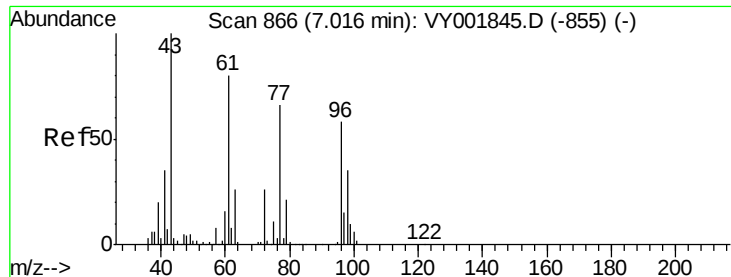
10000

5000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 107.235 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

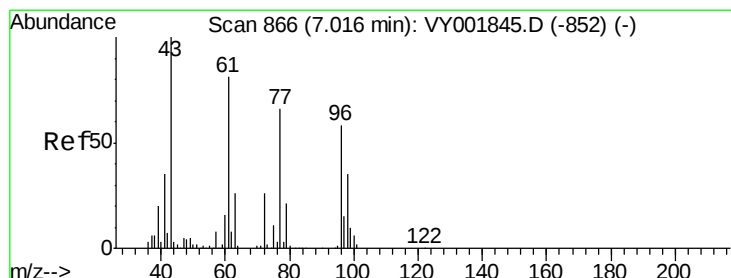
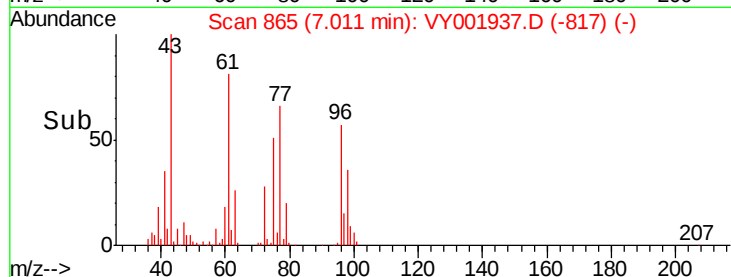
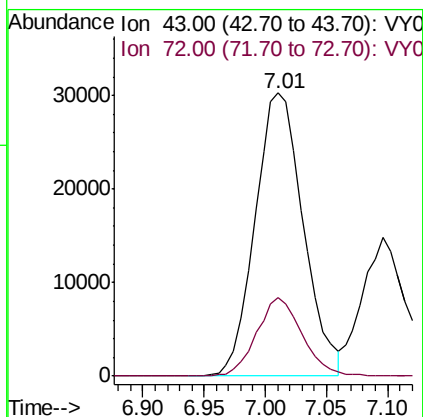
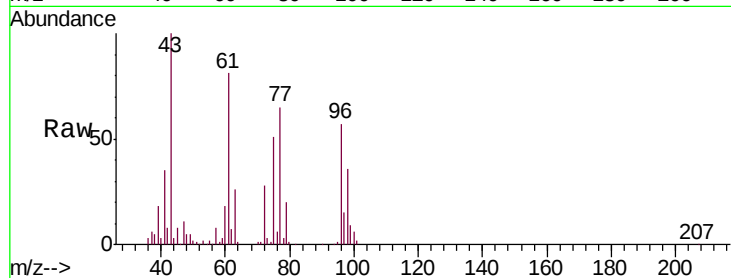
VY0311SBSD01

Tgt Ion: 43 Resp: 83135

Ion Ratio Lower Upper

43 100

72 27.7 20.9 31.3



#26

2,2-Dichloropropane

Concen: 21.186 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001937.D

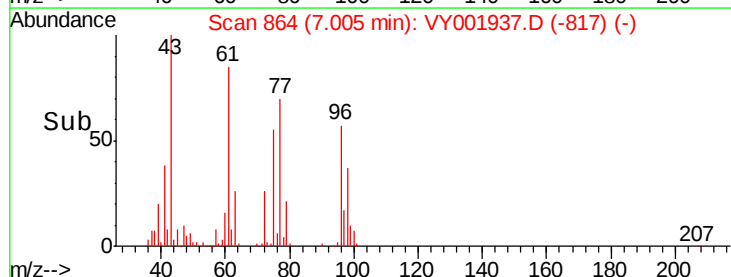
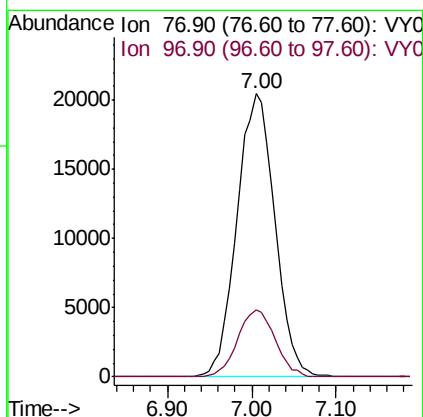
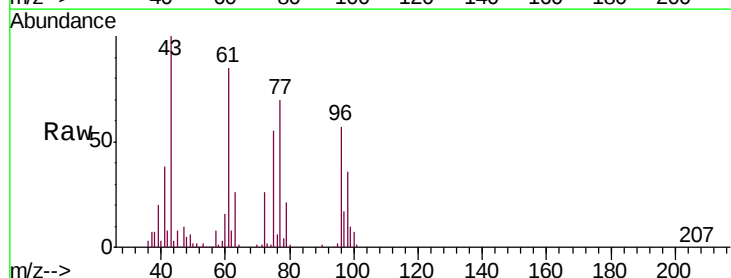
Acq: 11 Mar 2020 12:57

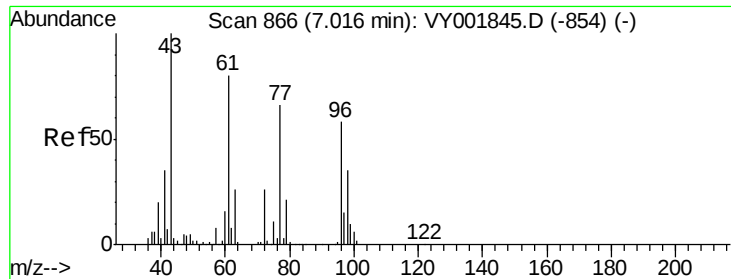
Tgt Ion: 77 Resp: 62376

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.7



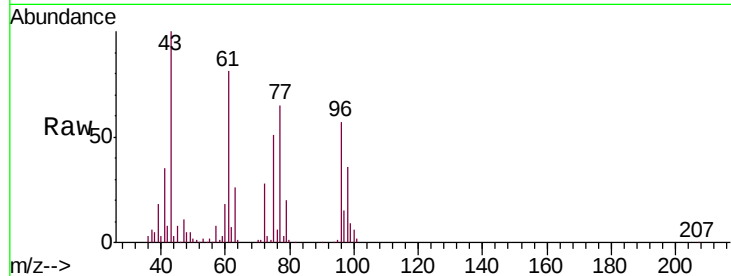


#27

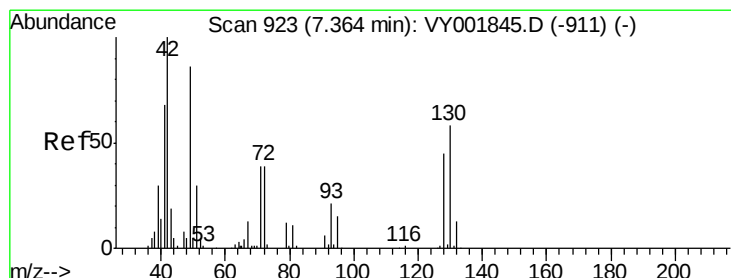
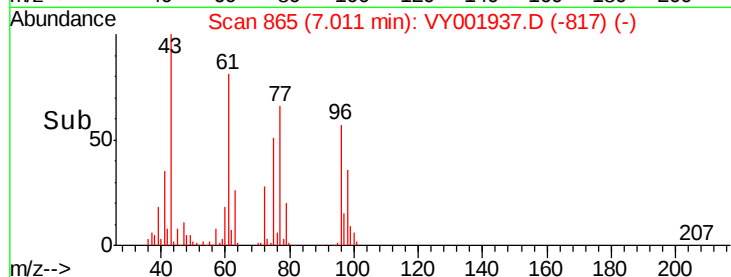
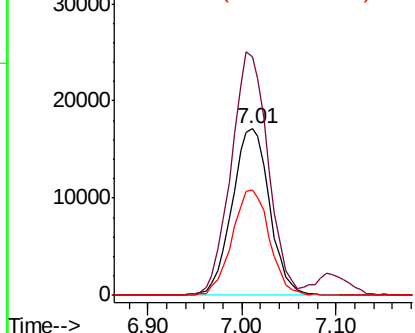
cis-1,2-Dichloroethene  
Concen: 21.106 ug/l  
RT: 7.01 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0311SBS01

Tgt Ion: 96 Resp: 47502  
Ion Ratio Lower Upper  
96 100  
61 144.9 0.0 288.2  
98 63.1 0.0 129.0



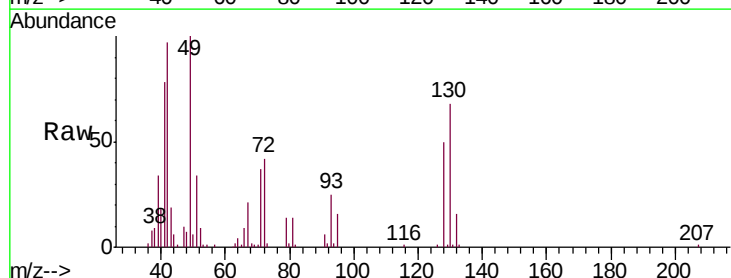
Abundance Ion 95.90 (95.60 to 96.60): VY0  
Ion 60.90 (60.60 to 61.60): VY0  
Ion 97.90 (97.60 to 98.60): VY0



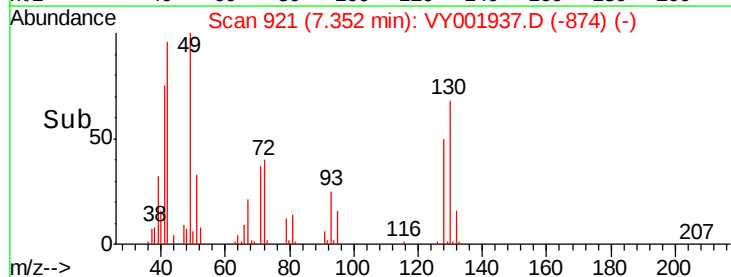
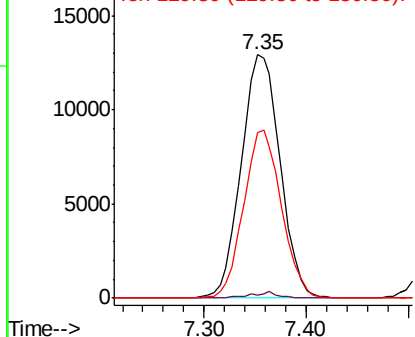
#28

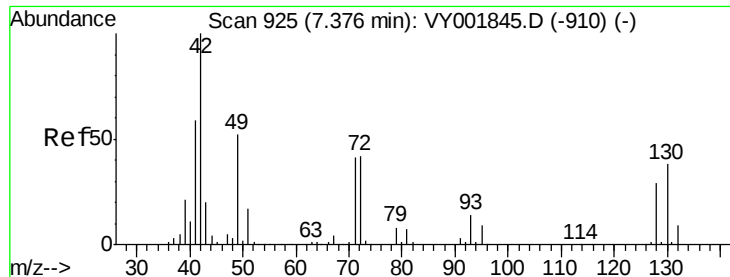
Bromochloromethane  
Concen: 21.174 ug/l  
RT: 7.35 min Scan# 921  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Tgt Ion: 49 Resp: 34236  
Ion Ratio Lower Upper  
49 100  
129 1.8 0.0 3.8  
130 67.0 54.4 81.6



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

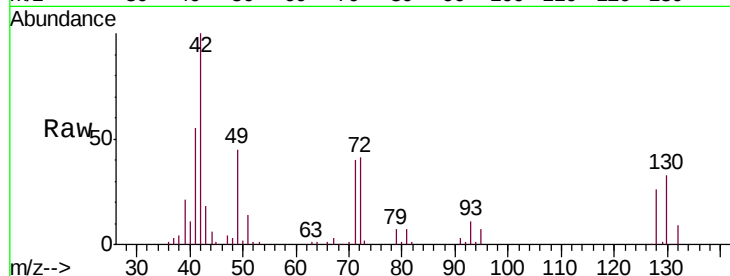




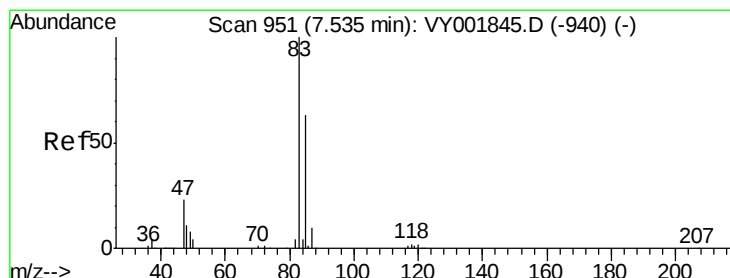
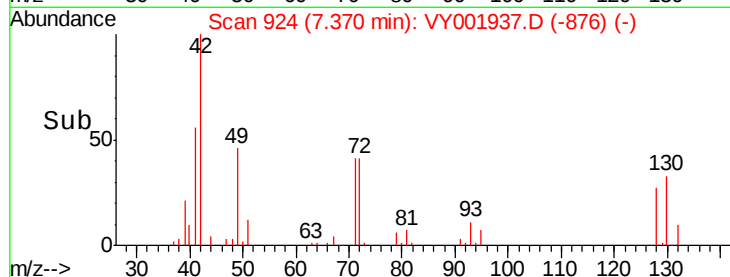
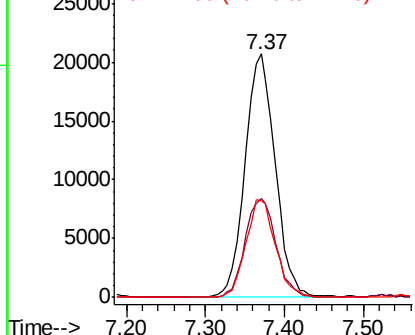
#29  
Tetrahydrofuran  
Concen: 107.143 ug/l  
RT: 7.37 min Scan# 924  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0311SBSD01

Tgt Ion: 42 Resp: 55160  
Ion Ratio Lower Upper  
42 100  
72 41.4 33.5 50.3  
71 39.4 31.3 46.9

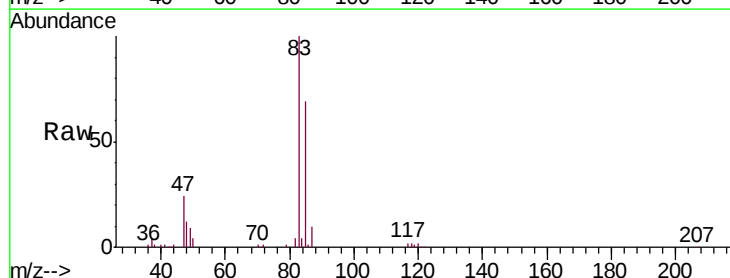


Abundance Ion 42.00 (41.70 to 42.70): VY0  
Ion 72.00 (71.70 to 72.70): VY0  
Ion 71.00 (70.70 to 71.70): VY0

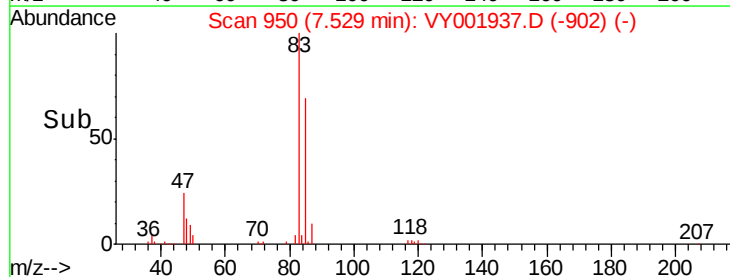
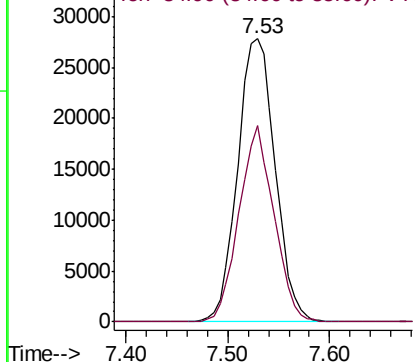


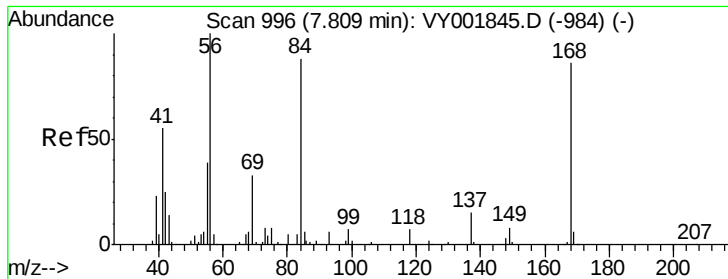
#30  
Chloroform  
Concen: 21.115 ug/l  
RT: 7.53 min Scan# 950  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Tgt Ion: 83 Resp: 71164  
Ion Ratio Lower Upper  
83 100  
85 69.2 50.7 76.1



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

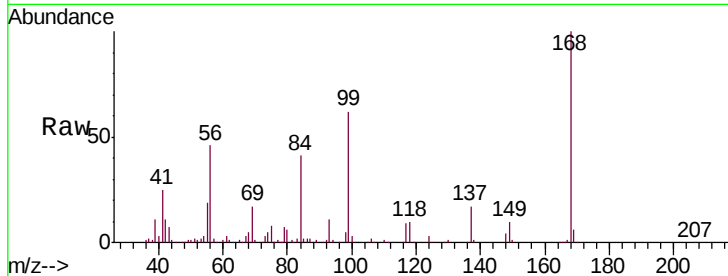




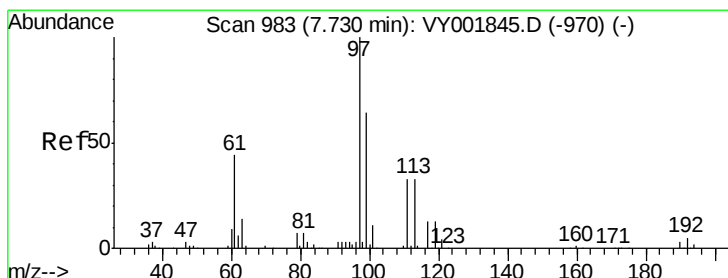
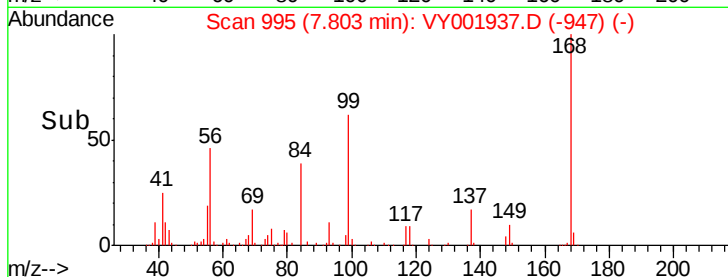
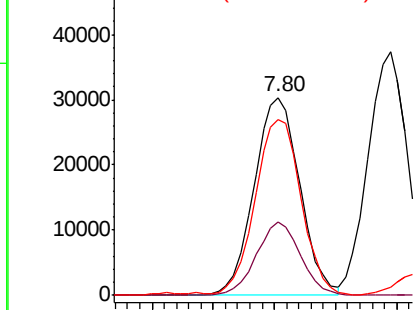
#31  
Cyclohexane  
Concen: 20.544 ug/l  
RT: 7.80 min Scan# 995  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0311SBSD01

Tgt Ion: 56 Resp: 79019  
Ion Ratio Lower Upper  
56 100  
69 36.8 26.7 40.1  
84 87.7 70.4 105.6

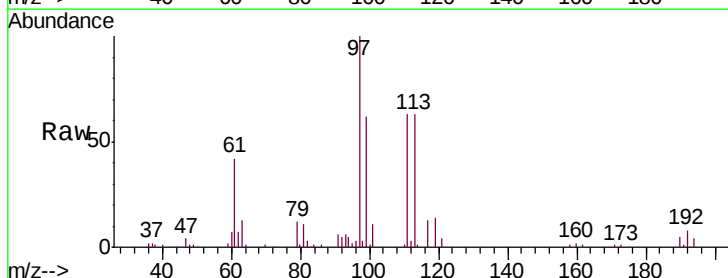


Abundance Ion 56.00 (55.70 to 56.70): VY0  
Ion 69.00 (68.70 to 69.70): VY0  
Ion 84.00 (83.70 to 84.70): VY0

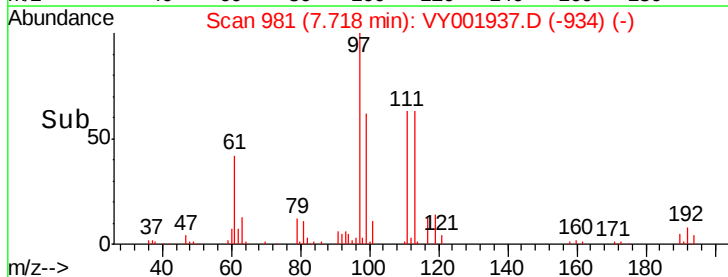
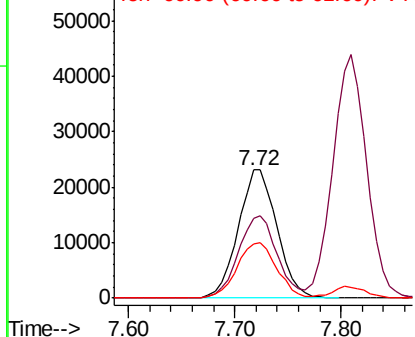


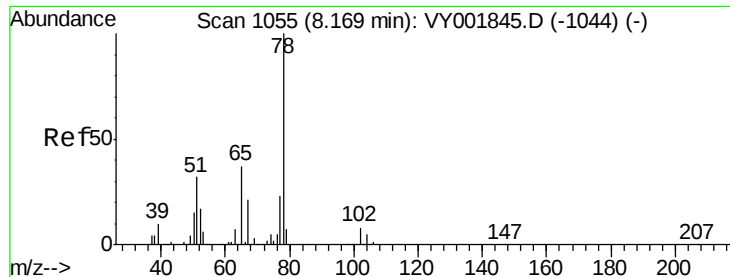
#32  
1,1,1-Trichloroethane  
Concen: 20.799 ug/l  
RT: 7.72 min Scan# 981  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Tgt Ion: 97 Resp: 59082  
Ion Ratio Lower Upper  
97 100  
99 64.5 52.0 78.0  
61 44.3 35.0 52.4



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

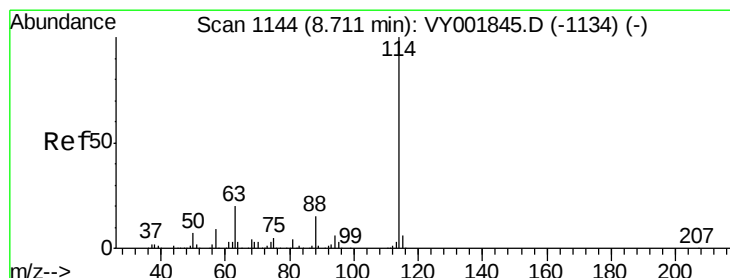
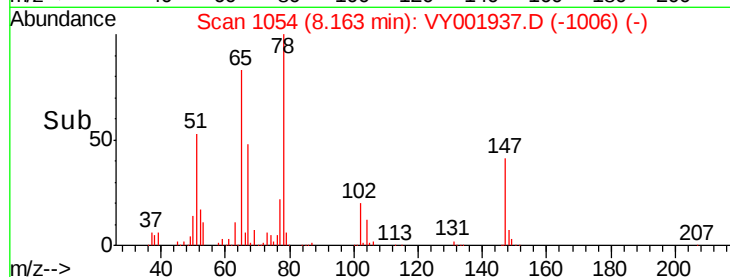
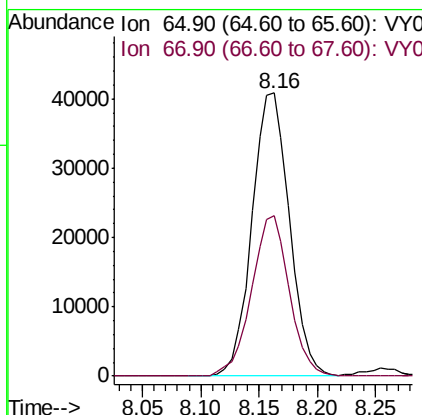
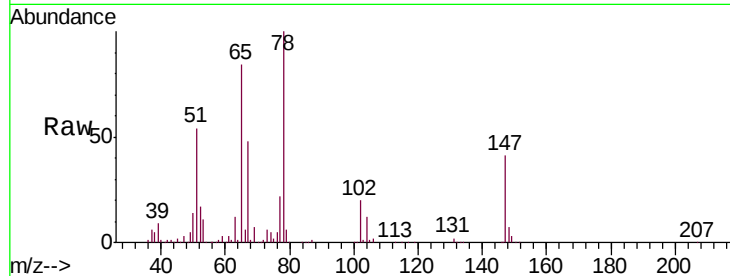




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.356 ug/l  
 RT: 8.16 min Scan# 1054  
 Delta R.T. -0.01 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

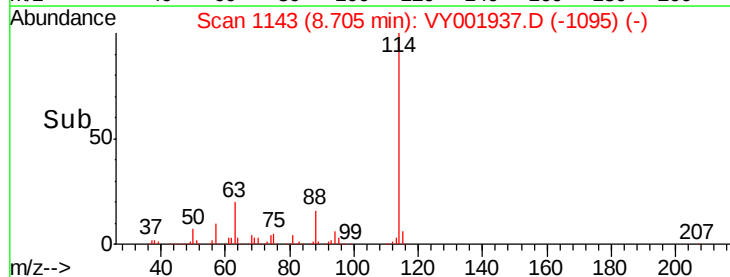
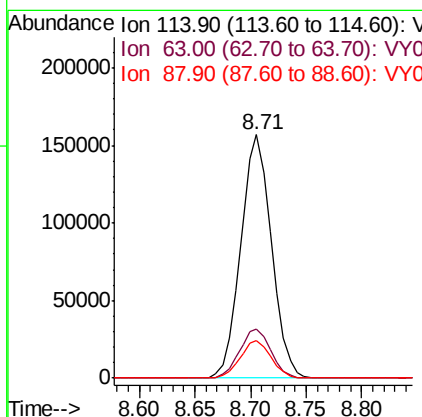
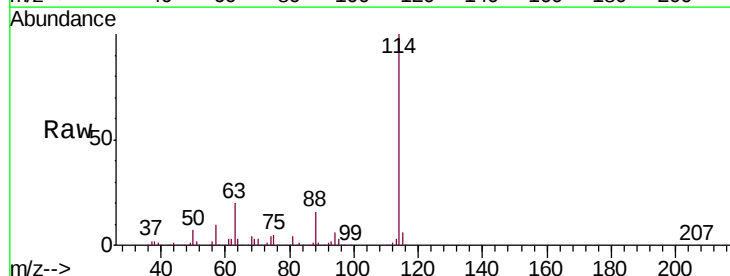
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0311SBSD01

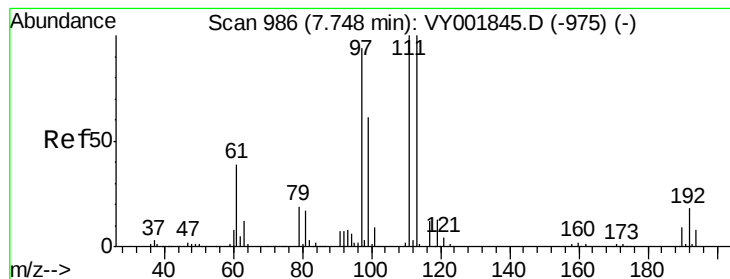
Tgt Ion: 65 Resp: 91639  
 Ion Ratio Lower Upper  
 65 100  
 67 57.1 0.0 110.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.71 min Scan# 1143  
 Delta R.T. -0.01 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

Tgt Ion: 114 Resp: 299712  
 Ion Ratio Lower Upper  
 114 100  
 63 20.3 0.0 39.4  
 88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.868 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

VY0311SBS01

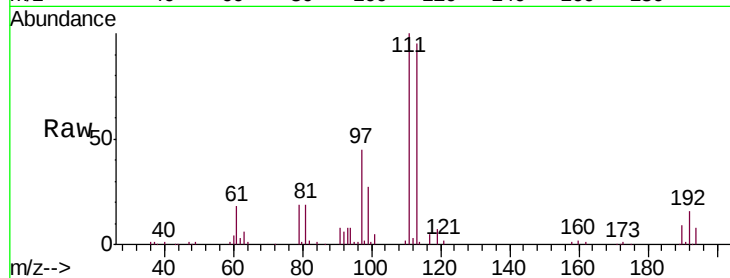
Tgt Ion:113 Resp: 83248

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.8

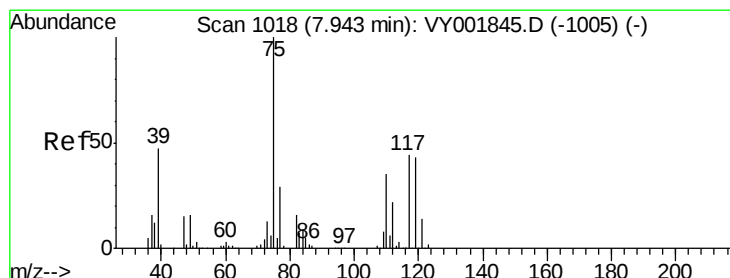
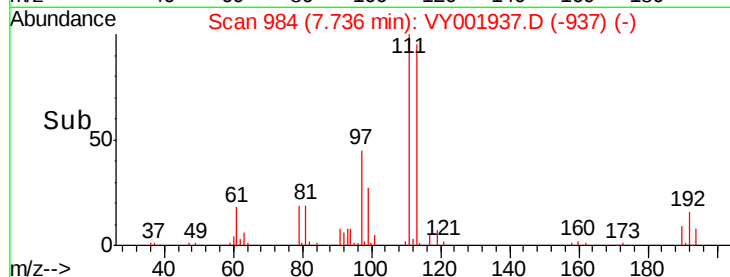
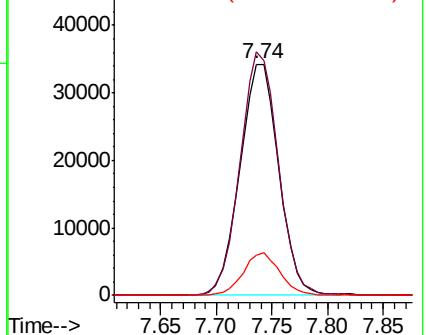
192 17.4 14.2 21.2



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: 20.595 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

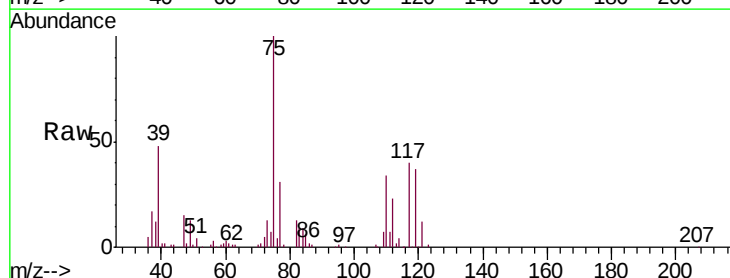
Tgt Ion: 75 Resp: 59398

Ion Ratio Lower Upper

75 100

110 35.0 17.4 52.2

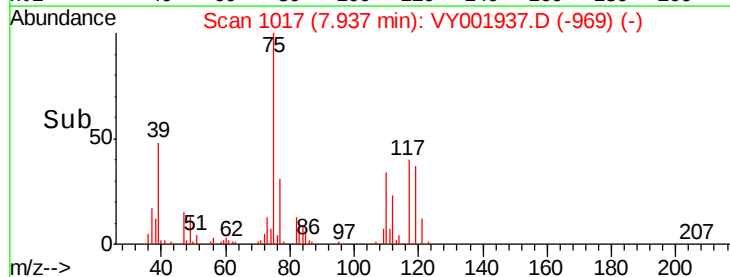
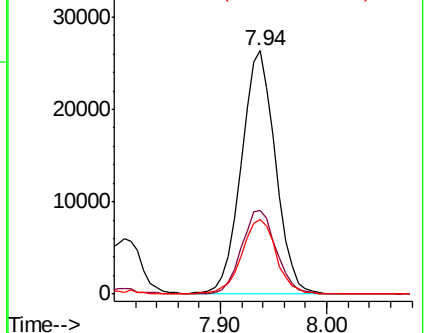
77 31.0 24.2 36.2

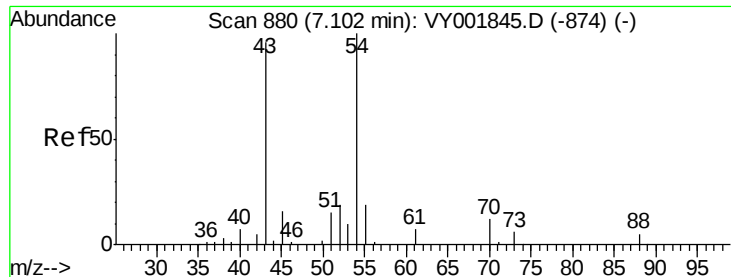


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

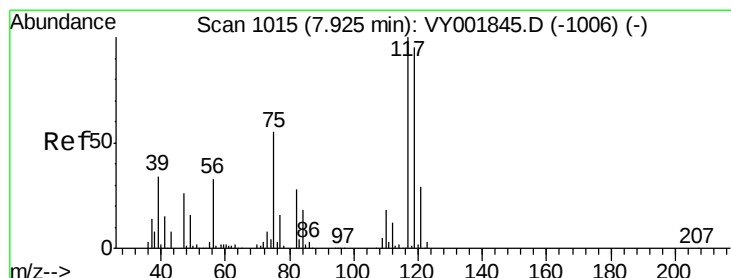
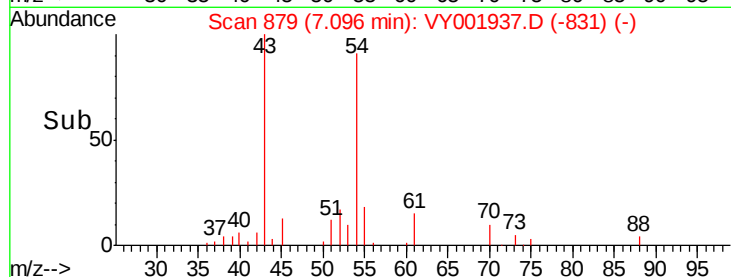
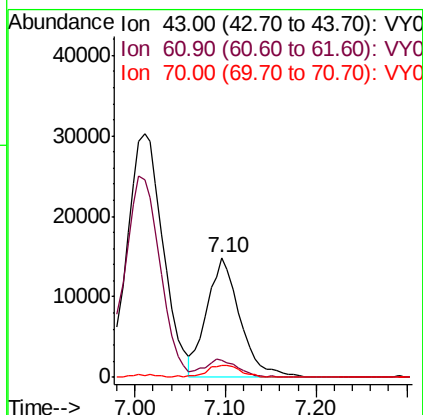
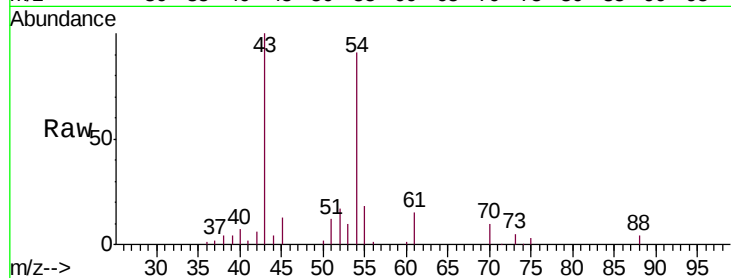




#37  
Ethyl Acetate  
Concen: 22.793 ug/l  
RT: 7.10 min Scan# 879  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

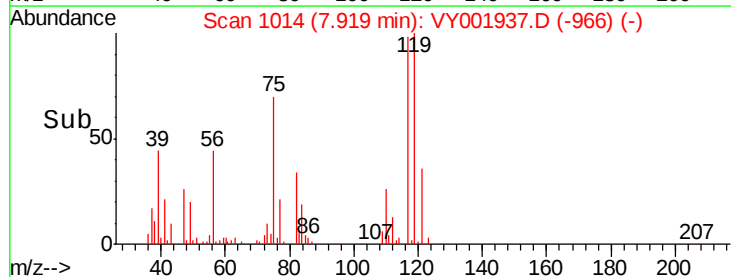
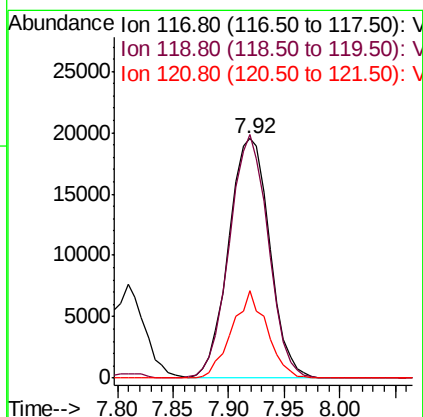
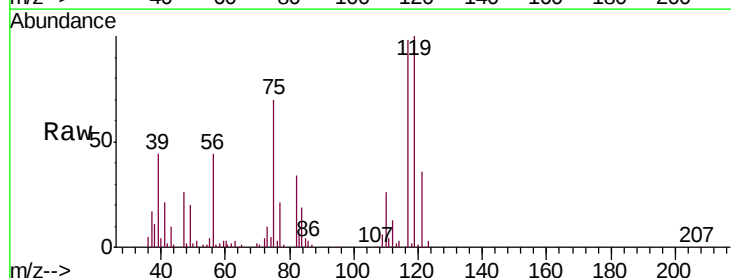
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0311SBS01

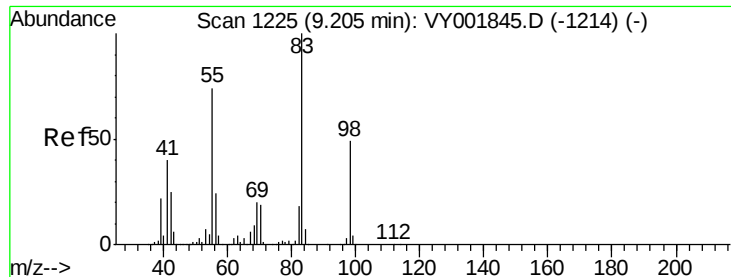
Tgt Ion: 43 Resp: 38207  
Ion Ratio Lower Upper  
43 100  
61 14.7 11.1 16.7  
70 10.2 8.2 12.4



#38  
Carbon Tetrachloride  
Concen: 20.251 ug/l  
RT: 7.92 min Scan# 1014  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Tgt Ion: 117 Resp: 49895  
Ion Ratio Lower Upper  
117 100  
119 101.8 76.3 114.5  
121 36.7 23.5 35.3#

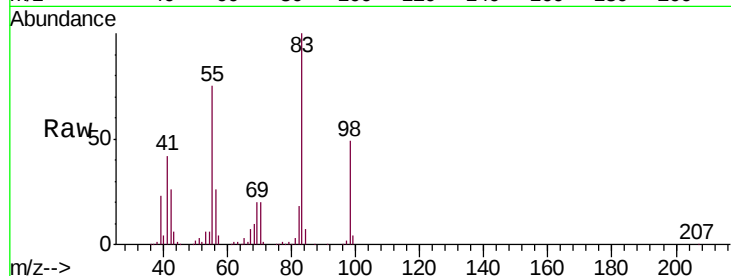




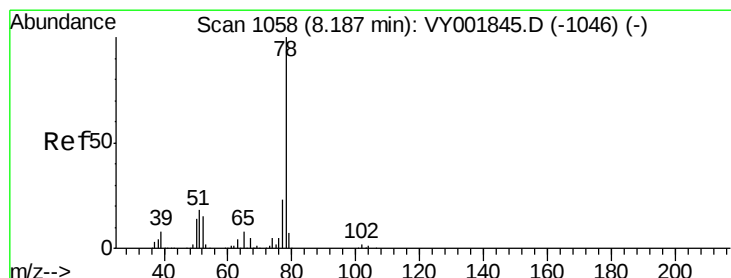
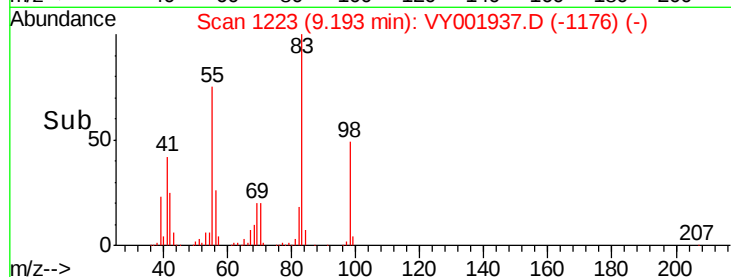
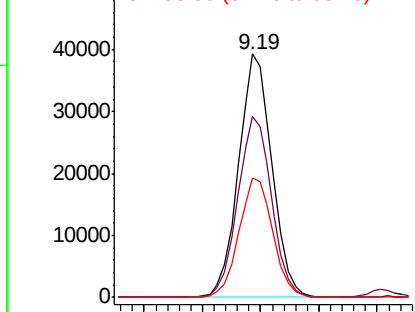
#39  
Methylcyclohexane  
Concen: 20.458 ug/l  
RT: 9.19 min Scan# 1223  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0311SBS01

Tgt Ion: 83 Resp: 78257  
Ion Ratio Lower Upper  
83 100  
55 74.6 59.4 89.0  
98 48.9 38.9 58.3

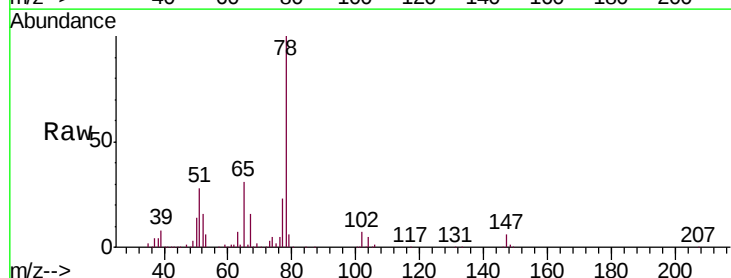


Abundance Ion 83.00 (82.70 to 83.70): VY0  
Ion 55.00 (54.70 to 55.70): VY0  
Ion 98.00 (97.70 to 98.70): VY0

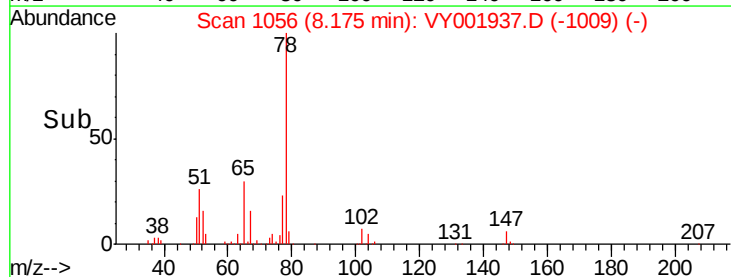
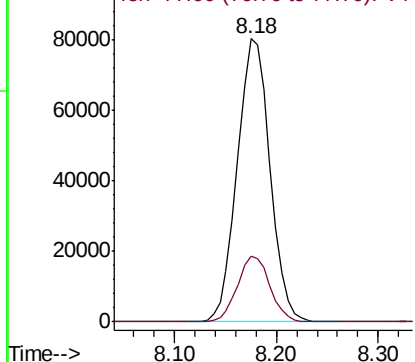


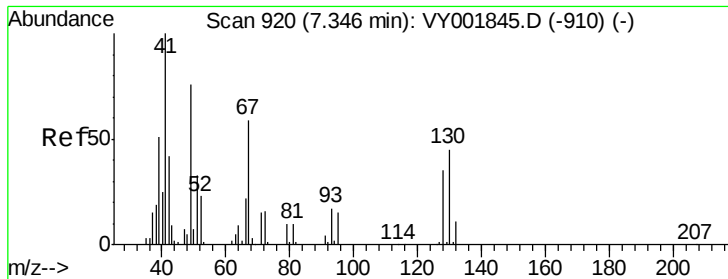
#40  
Benzene  
Concen: 20.934 ug/l  
RT: 8.18 min Scan# 1056  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Tgt Ion: 78 Resp: 178960  
Ion Ratio Lower Upper  
78 100  
77 23.4 18.7 28.1



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





#41

Methacrylonitrile

Concen: 65.074 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.02 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

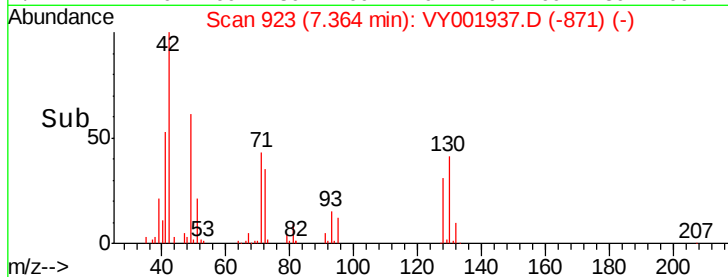
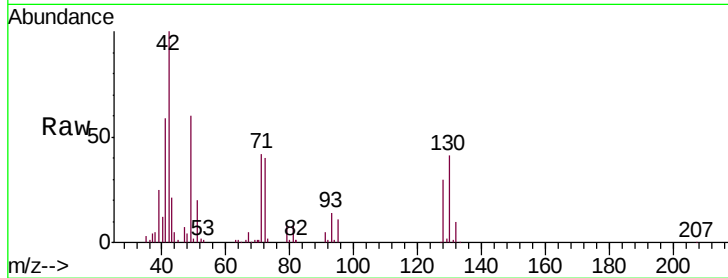
ClientSampleId :

VY0311SBSD01

Tgt Ion: 41 Resp: 49091

Ion Ratio Lower Upper

|    |     |       |        |
|----|-----|-------|--------|
| 41 | 100 |       |        |
| 39 | 0.0 | 111.7 | 167.5# |
| 67 | 0.0 | 0.0   | 0.0    |
| 52 | 0.0 | 0.0   | 0.0    |

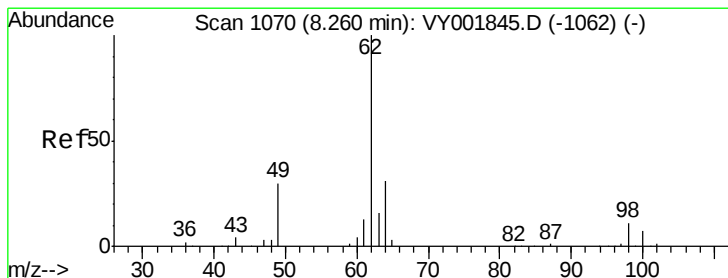
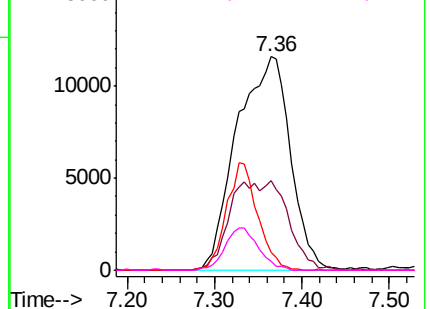


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 21.486 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.01 min

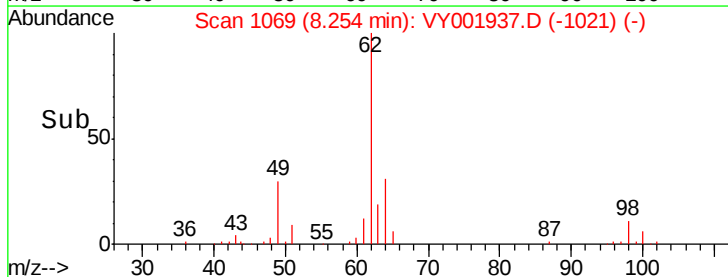
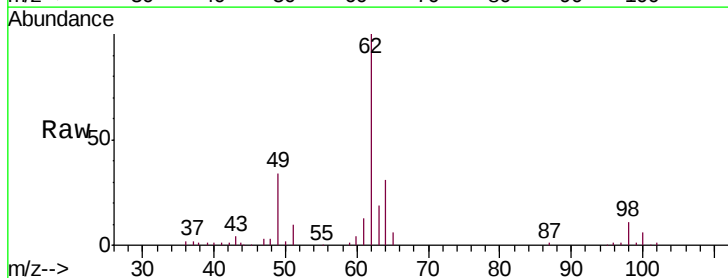
Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Tgt Ion: 62 Resp: 47331

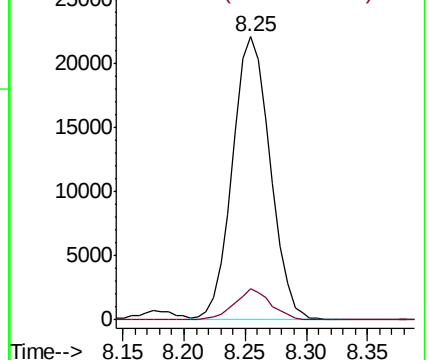
Ion Ratio Lower Upper

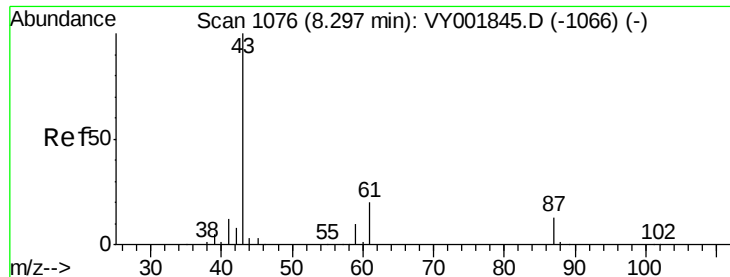
|    |      |     |      |
|----|------|-----|------|
| 62 | 100  |     |      |
| 98 | 10.4 | 0.0 | 21.4 |



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.362 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

VY0311SBS01

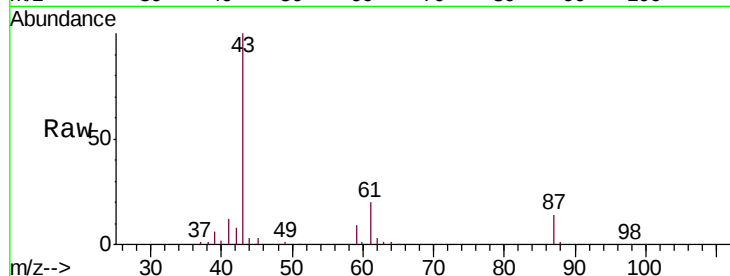
Tgt Ion: 43 Resp: 67795

Ion Ratio Lower Upper

43 100

61 28.4 23.8 35.6

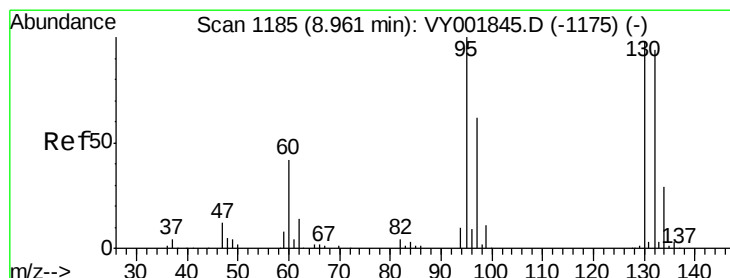
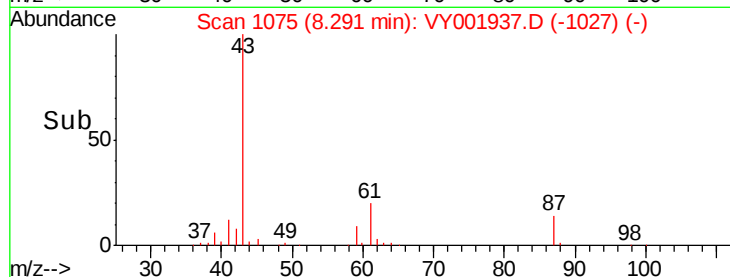
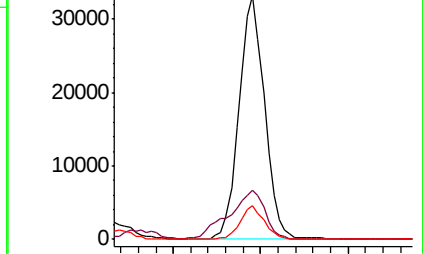
87 13.0 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1066) (-)

Ion 61.00 (60.70 to 61.70): VY001845.D (-1066) (-)

Ion 87.00 (86.70 to 87.70): VY001845.D (-1066) (-)



#44

Trichloroethene

Concen: 20.775 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY001937.D

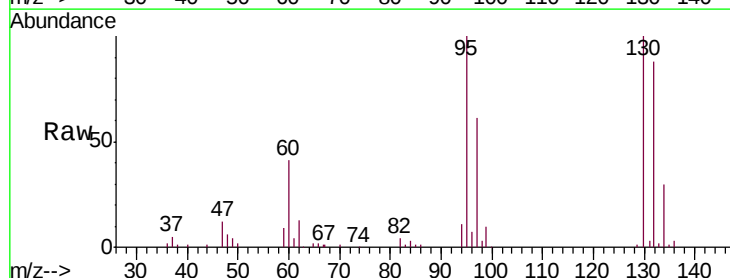
Acq: 11 Mar 2020 12:57

Tgt Ion: 130 Resp: 43252

Ion Ratio Lower Upper

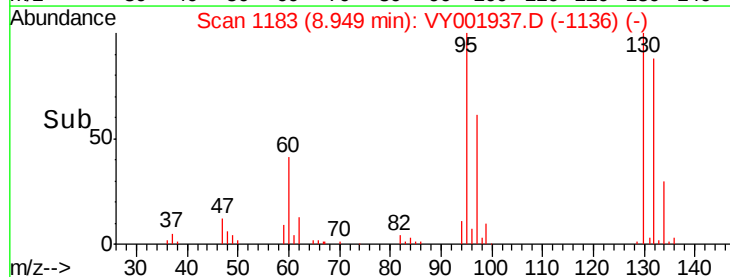
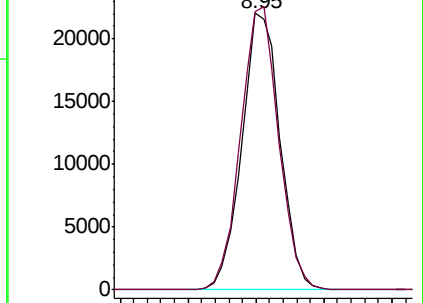
130 100

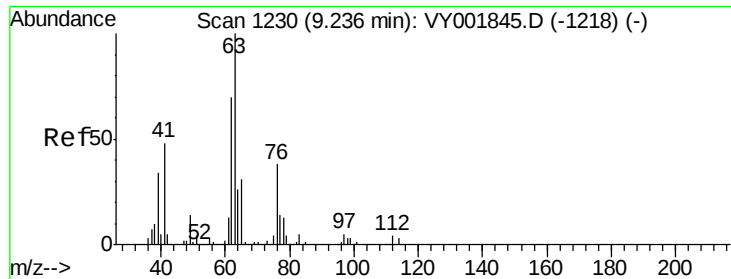
95 100.5 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): VY001845.D (-1175) (-)

Ion 94.90 (94.60 to 95.60): VY001845.D (-1175) (-)

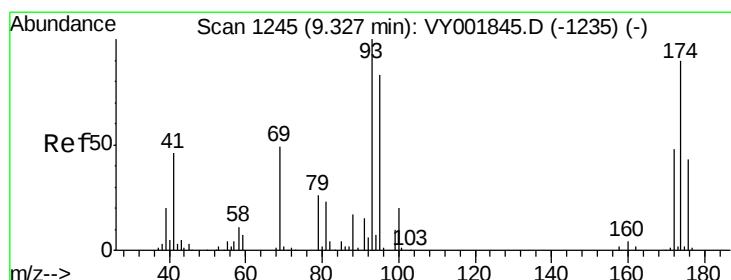
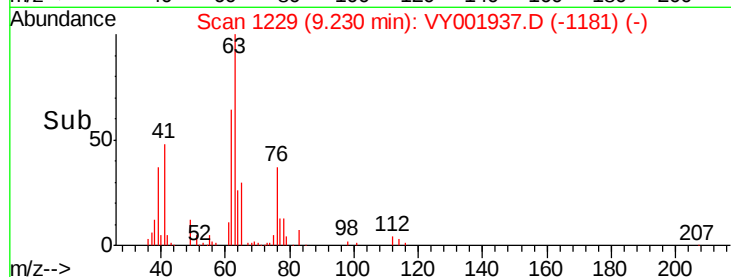
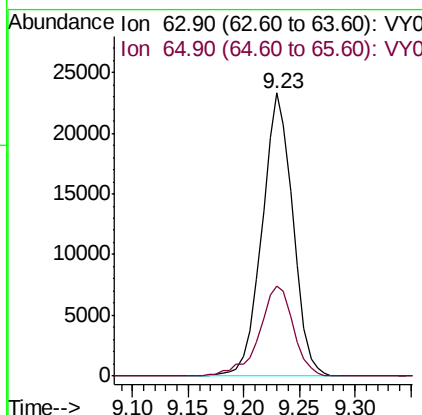
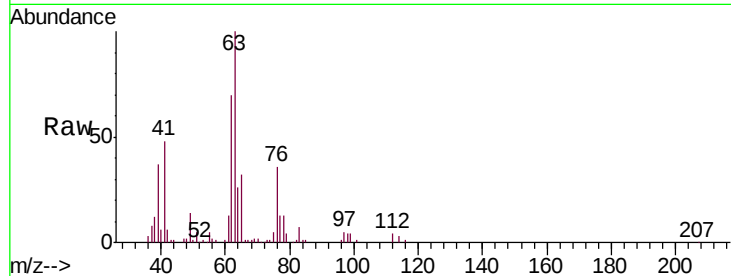




#45  
 1,2-Dichloropropane  
 Concen: 20.884 ug/l  
 RT: 9.23 min Scan# 1229  
 Delta R.T. -0.01 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

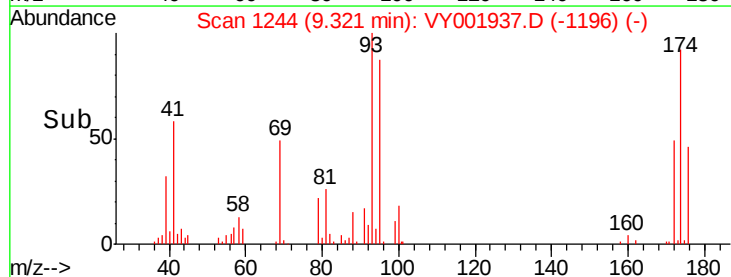
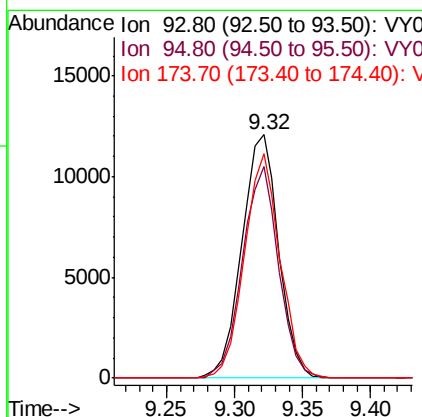
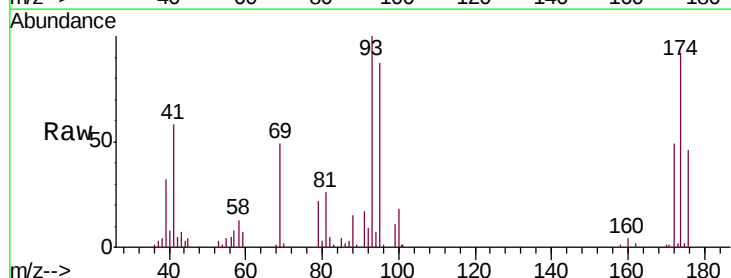
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0311SBSD01

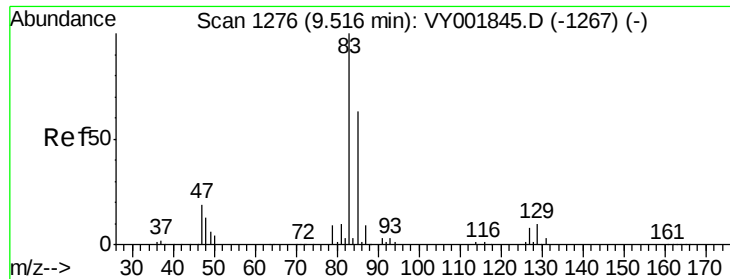
Tgt Ion: 63 Resp: 44880  
 Ion Ratio Lower Upper  
 63 100  
 65 31.9 24.9 37.3



#46  
 Dibromomethane  
 Concen: 20.716 ug/l  
 RT: 9.32 min Scan# 1244  
 Delta R.T. -0.01 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

Tgt Ion: 93 Resp: 22941  
 Ion Ratio Lower Upper  
 93 100  
 95 84.6 67.0 100.4  
 174 89.0 71.8 107.8





#47

Bromodichloromethane

Concen: 20.818 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

VY0311SBS01

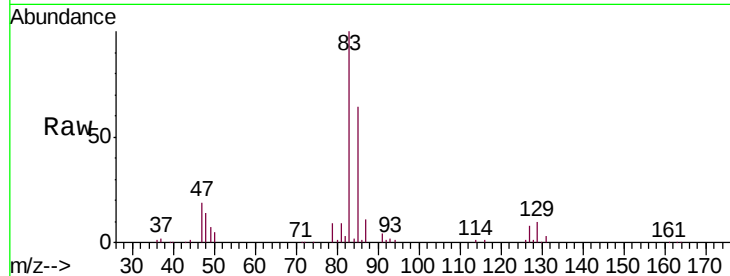
Tgt Ion: 83 Resp: 53629

Ion Ratio Lower Upper

83 100

85 63.7 50.6 76.0

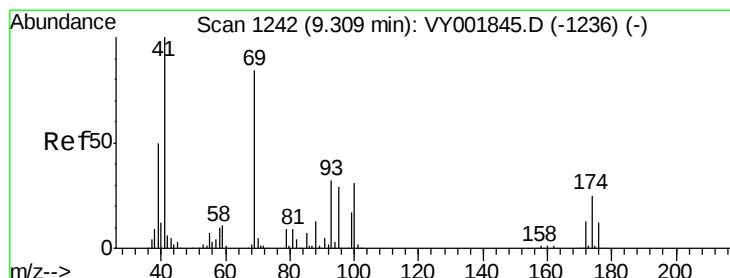
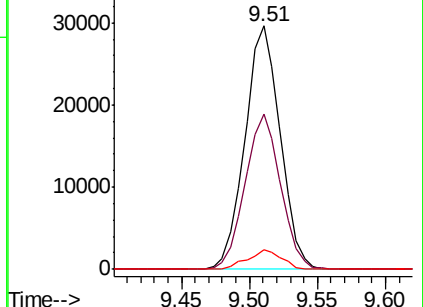
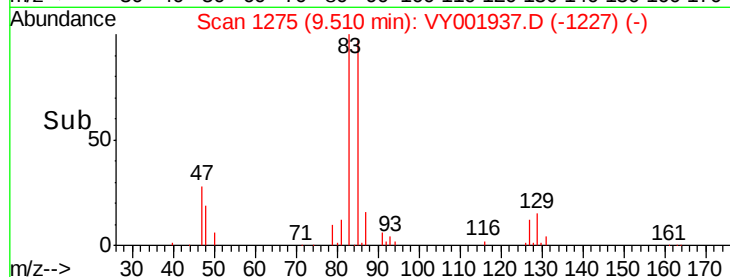
127 7.9 6.2 9.4



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): VY0



#48

Methyl methacrylate

Concen: 21.082 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

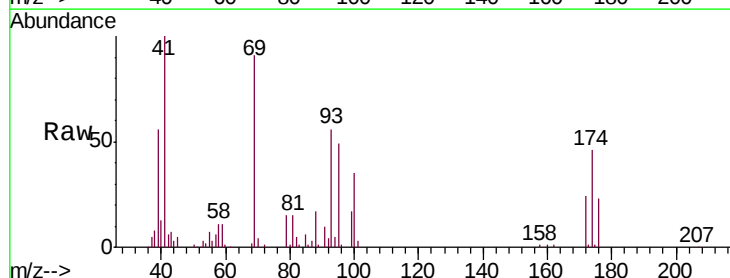
Tgt Ion: 41 Resp: 29688

Ion Ratio Lower Upper

41 100

69 85.9 69.0 103.6

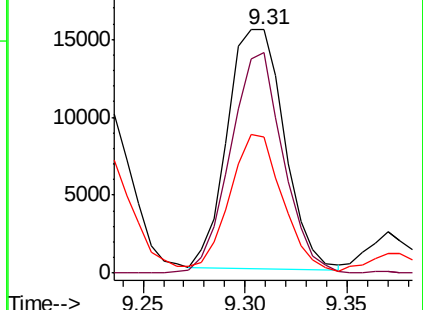
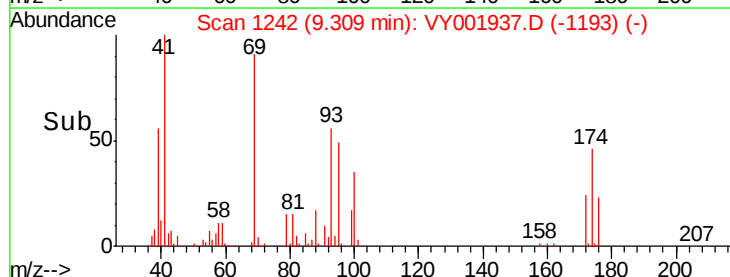
39 52.6 39.1 58.7

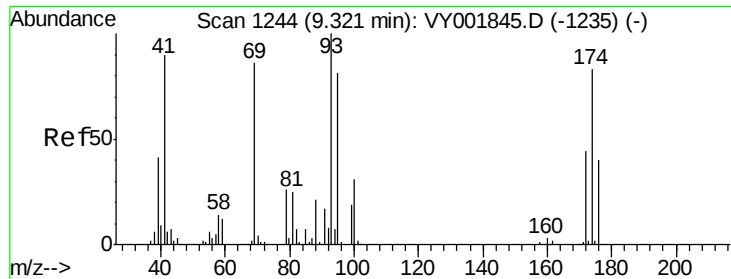


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

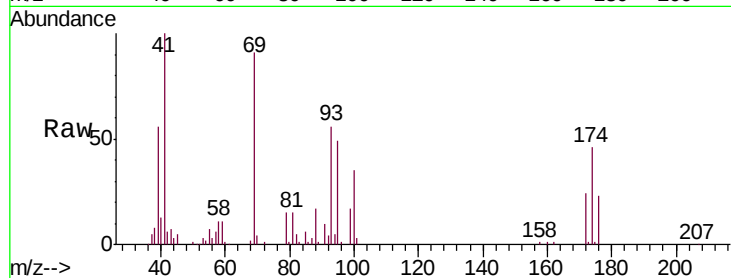




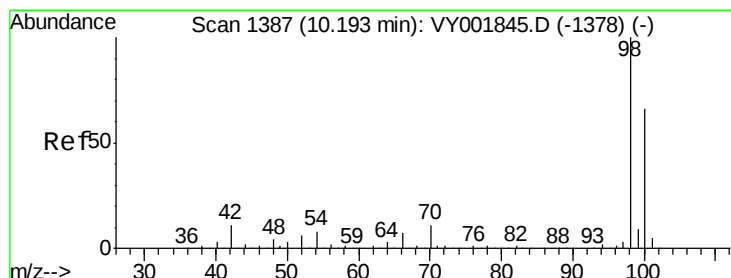
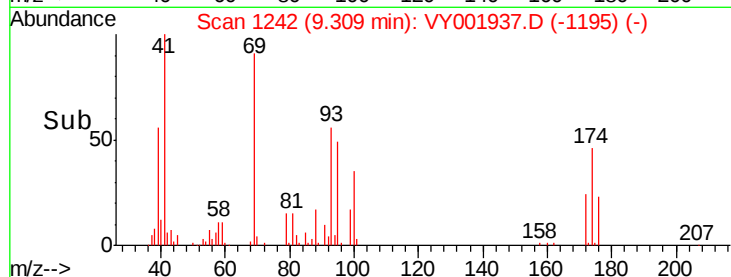
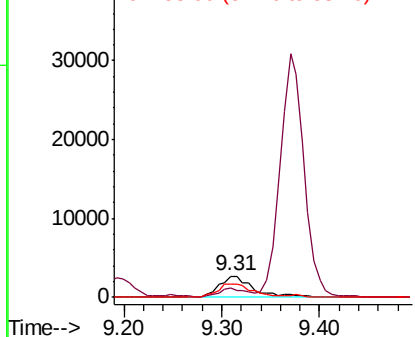
#49  
1,4-Dioxane  
Concen: 436.461 ug/l  
RT: 9.31 min Scan# 1242  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0311SBSD01

Tgt Ion: 88 Resp: 6623  
Ion Ratio Lower Upper  
88 100  
43 30.9 25.0 37.6  
58 63.4 58.9 88.3

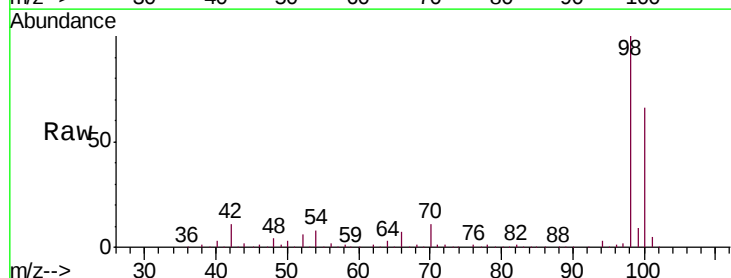


Abundance Ion 88.00 (87.70 to 88.70): VY0  
Ion 43.00 (42.70 to 43.70): VY0  
Ion 58.00 (57.70 to 58.70): VY0

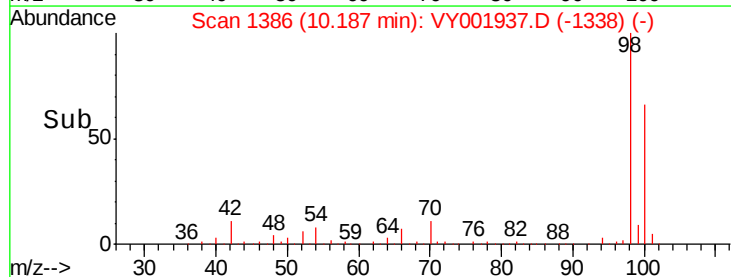
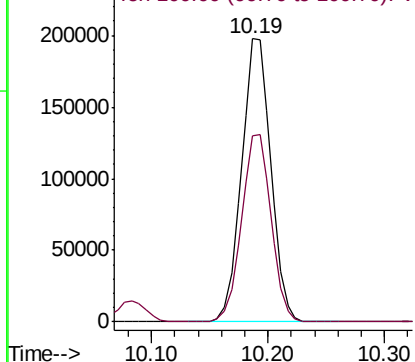


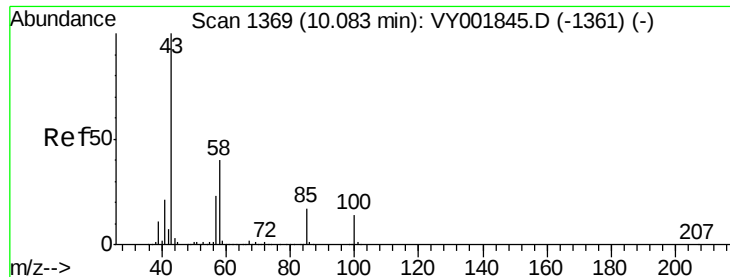
#50  
Toluene-d8  
Concen: 50.305 ug/l  
RT: 10.19 min Scan# 1386  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Tgt Ion: 98 Resp: 347163  
Ion Ratio Lower Upper  
98 100  
100 66.7 53.0 79.4



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

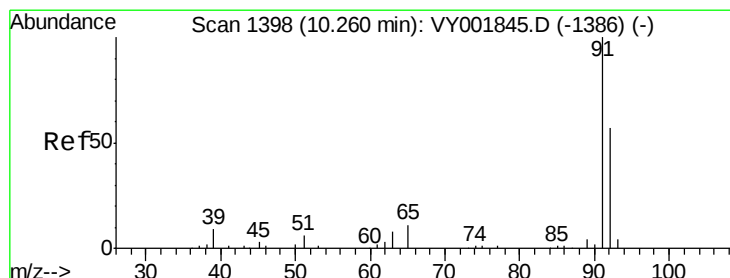
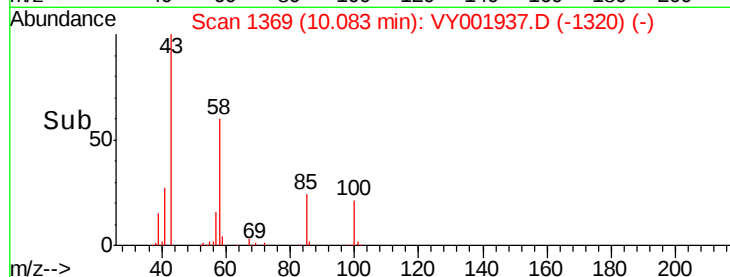
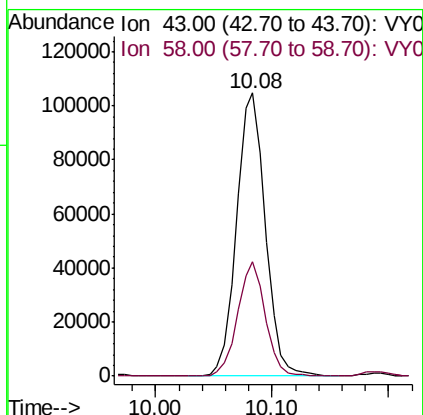
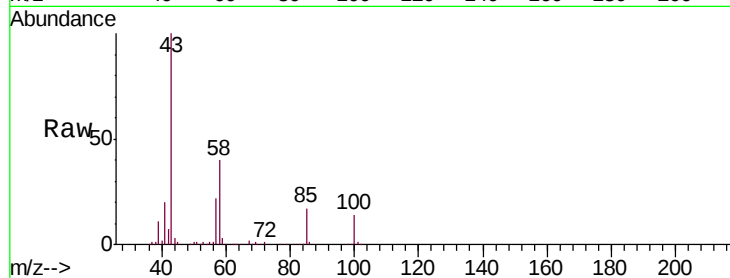




#51  
4-Methyl-2-Pentanone  
Concen: 110.049 ug/l  
RT: 10.08 min Scan# 1369  
Delta R.T. 0.00 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

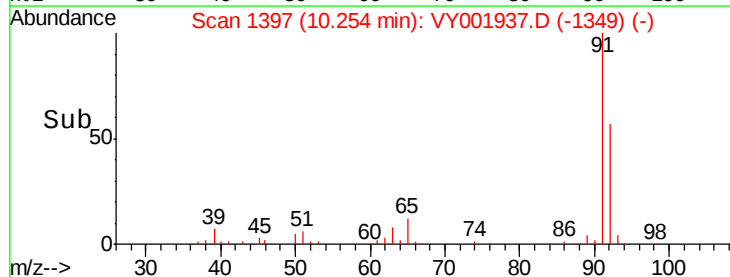
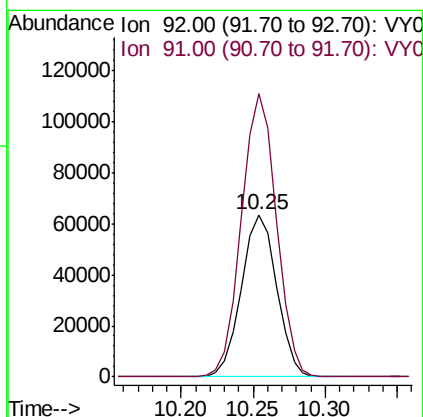
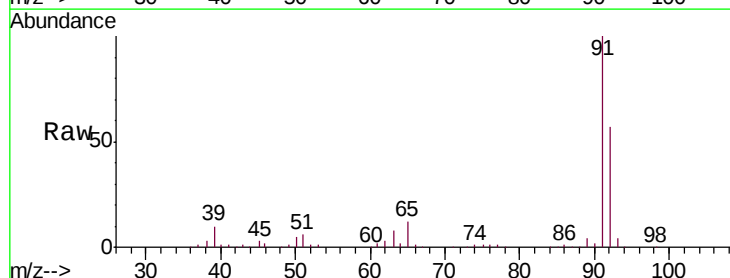
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0311SBS01

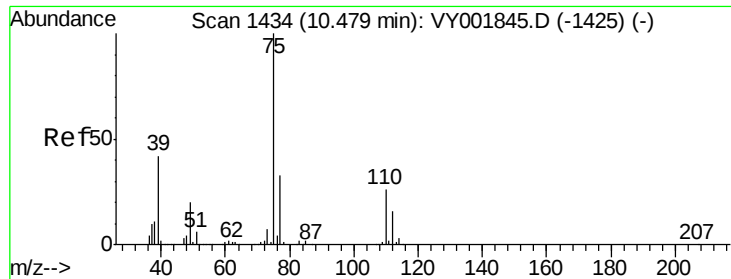
Tgt Ion: 43 Resp: 179892  
Ion Ratio Lower Upper  
43 100  
58 39.0 32.0 48.0



#52  
Toluene  
Concen: 20.740 ug/l  
RT: 10.25 min Scan# 1397  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Tgt Ion: 92 Resp: 107705  
Ion Ratio Lower Upper  
92 100  
91 173.1 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 21.268 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

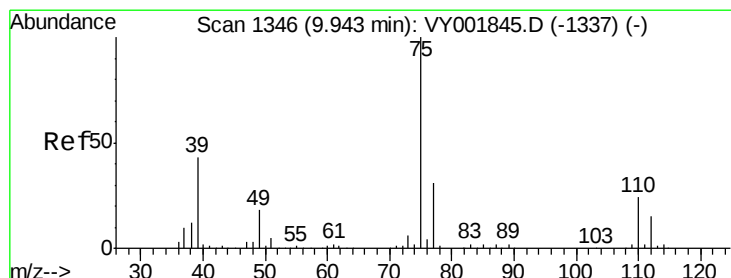
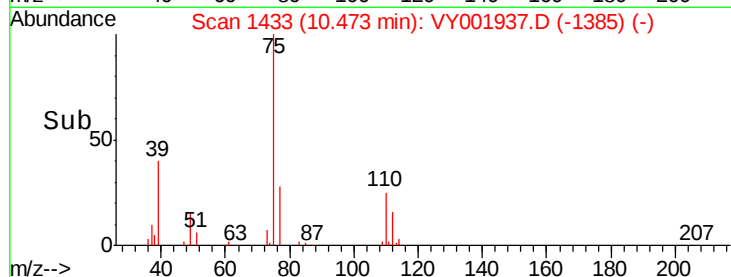
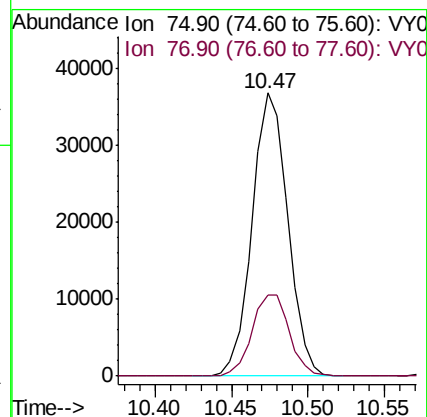
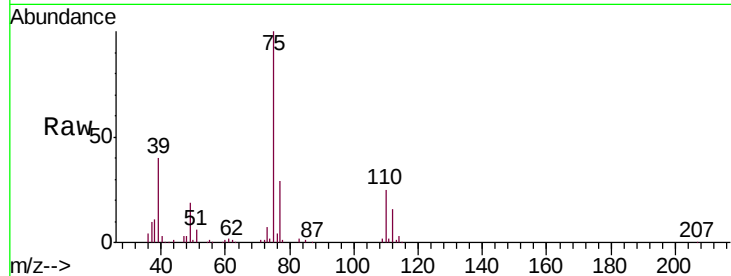
VY0311SBS01

Tgt Ion: 75 Resp: 59691

Ion Ratio Lower Upper

75 100

77 28.5 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 20.998 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

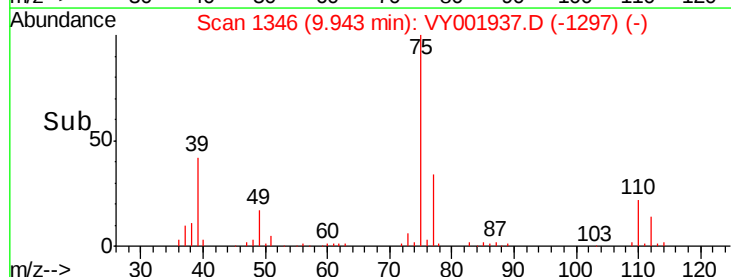
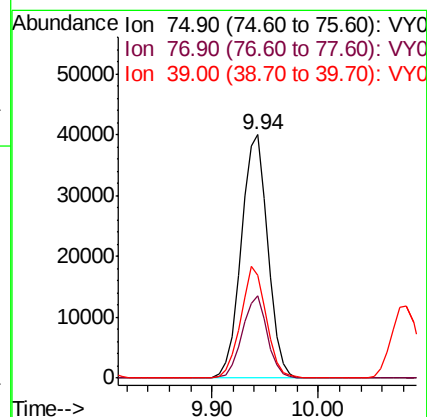
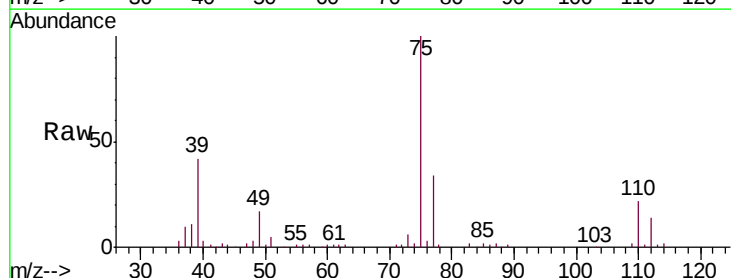
Tgt Ion: 75 Resp: 70156

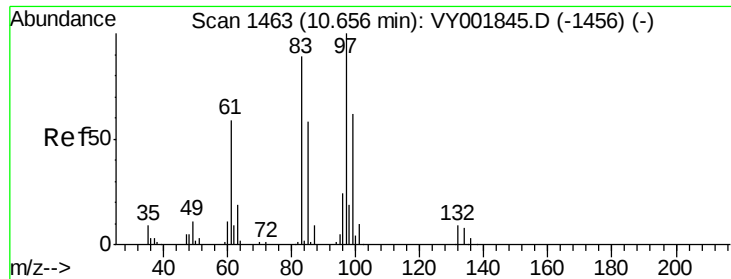
Ion Ratio Lower Upper

75 100

77 33.8 25.1 37.7

39 42.2 34.7 52.1





#55

1,1,2-Trichloroethane

Concen: 20.815 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

VY0311SBSD01

Tgt Ion: 97 Resp: 33735

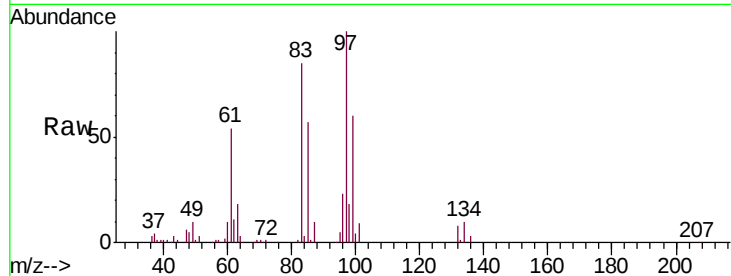
Ion Ratio Lower Upper

97 100

83 85.2 71.6 107.4

85 56.8 46.6 69.8

99 59.9 49.8 74.6

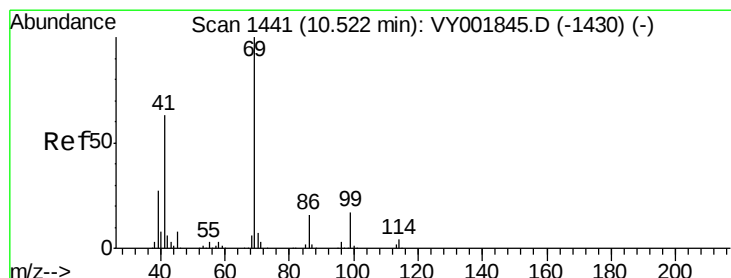
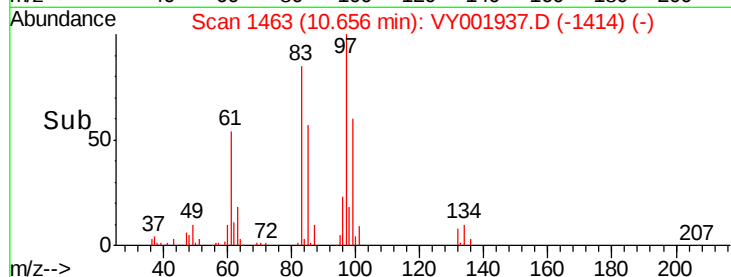
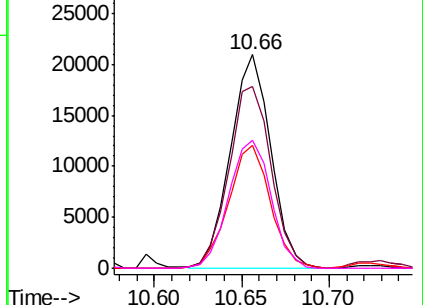


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 21.125 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

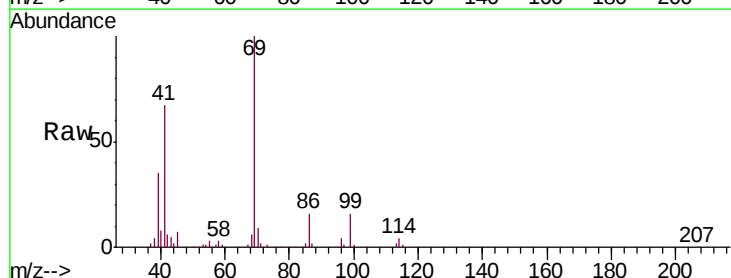
Tgt Ion: 69 Resp: 50184

Ion Ratio Lower Upper

69 100

41 65.1 49.9 74.9

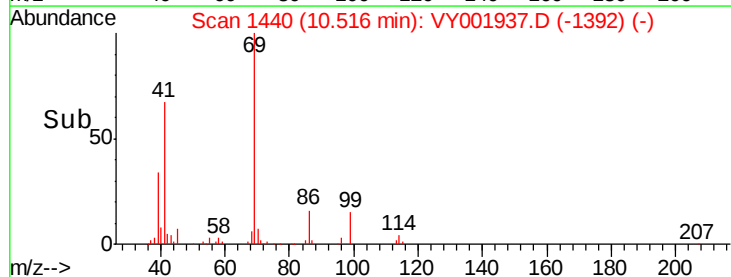
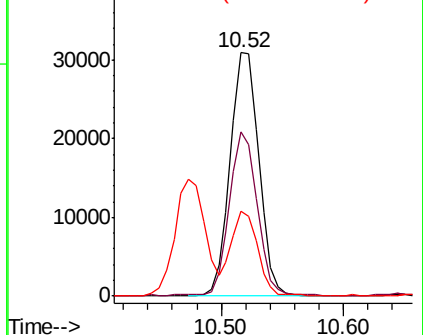
39 32.7 23.0 34.6



Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

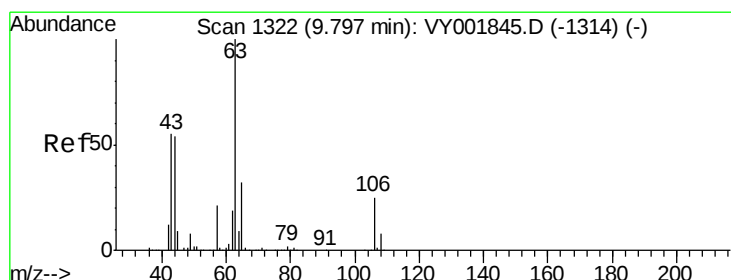
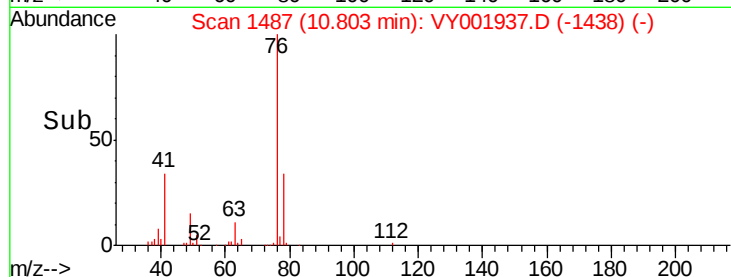
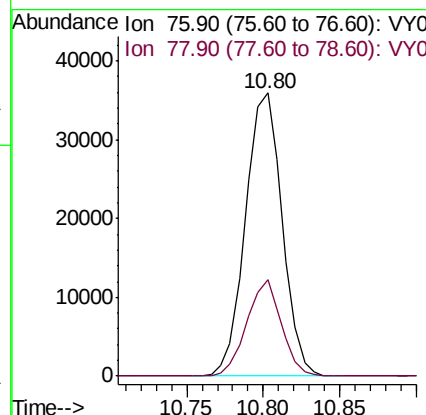
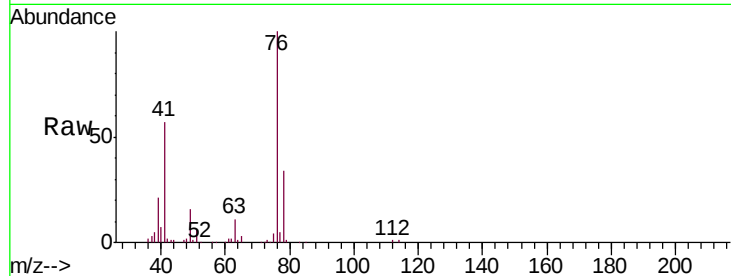




#57  
 1,3-Dichloropropane  
 Concen: 20.699 ug/l  
 RT: 10.80 min Scan# 1487  
 Delta R.T. 0.00 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

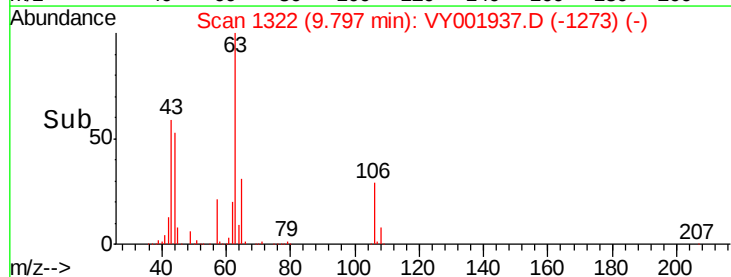
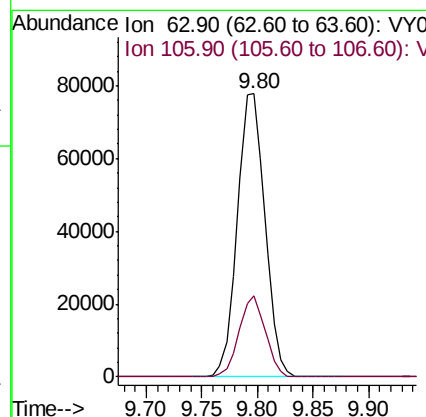
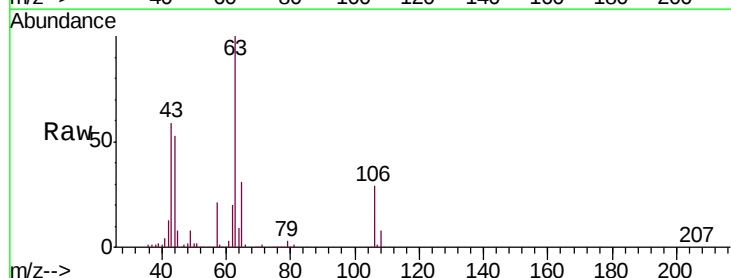
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0311SBSD01

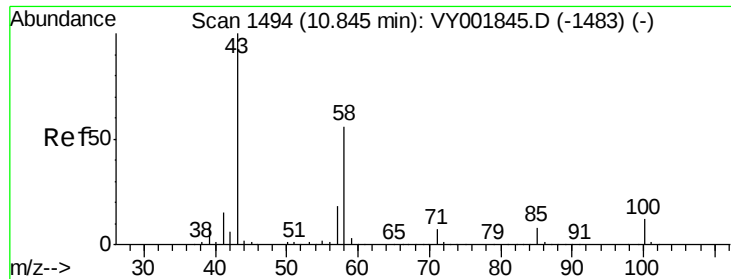
Tgt Ion: 76 Resp: 59797  
 Ion Ratio Lower Upper  
 76 100  
 78 32.0 25.8 38.6



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 148.025 ug/l  
 RT: 9.80 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

Tgt Ion: 63 Resp: 133814  
 Ion Ratio Lower Upper  
 63 100  
 106 27.0 21.3 31.9

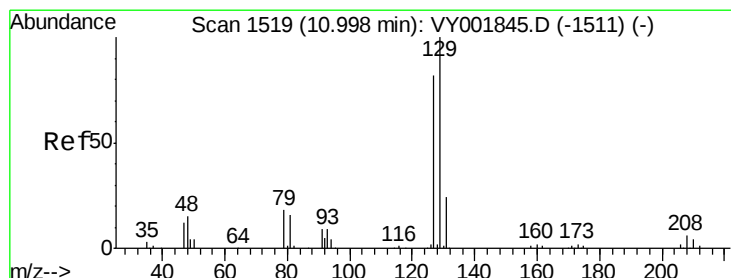
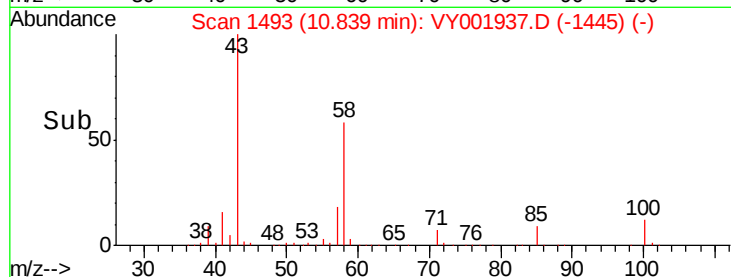
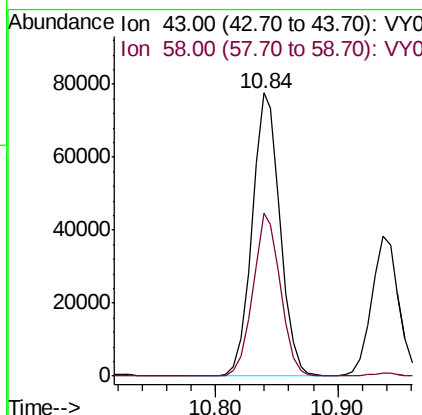
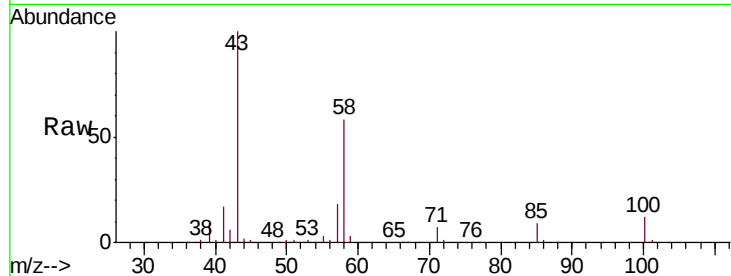




#59  
2-Hexanone  
Concen: 105.680 ug/l  
RT: 10.84 min Scan# 1493  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

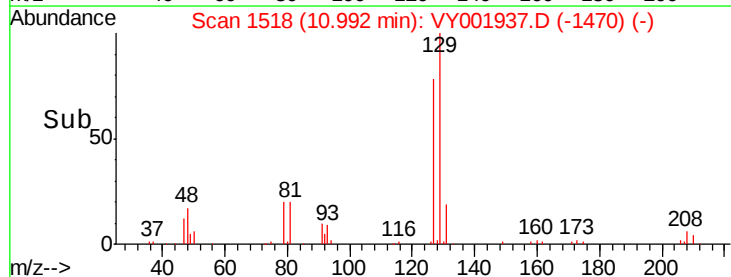
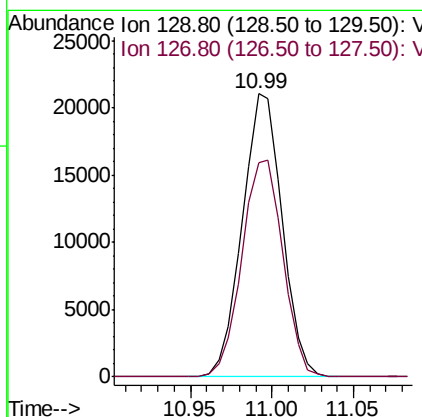
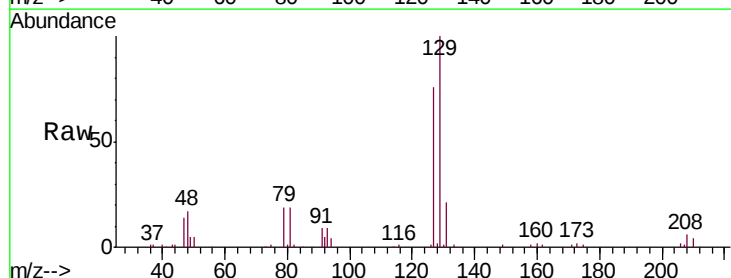
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0311SBSD01

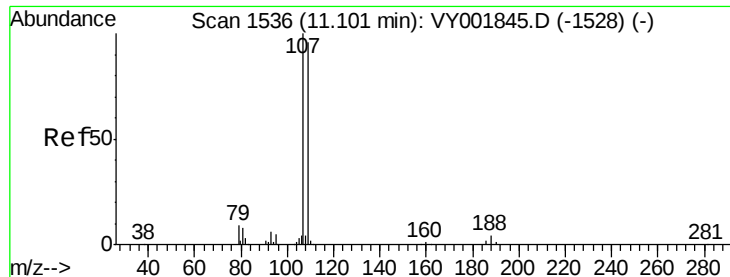
Tgt Ion: 43 Resp: 123301  
Ion Ratio Lower Upper  
43 100  
58 56.8 28.1 84.3



#60  
Dibromochloromethane  
Concen: 21.026 ug/l  
RT: 10.99 min Scan# 1518  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Tgt Ion: 129 Resp: 35908  
Ion Ratio Lower Upper  
129 100  
127 78.6 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.870 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

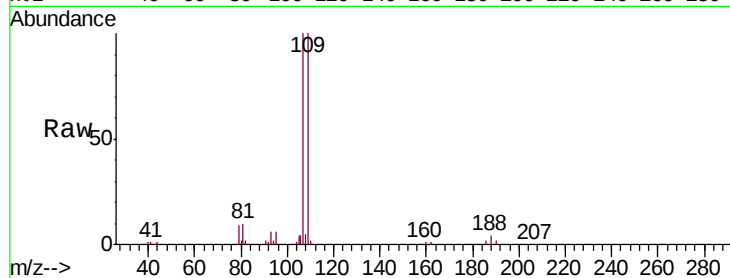
VY0311SBSD01

Tgt Ion: 107 Resp: 32039

Ion Ratio Lower Upper

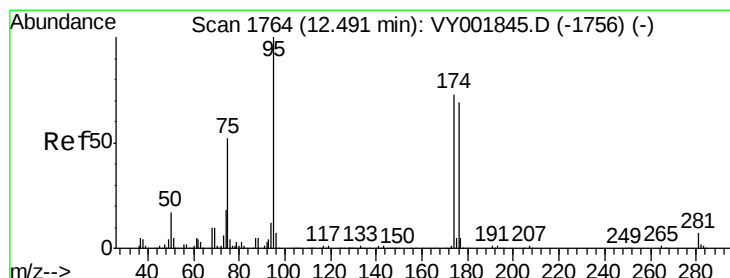
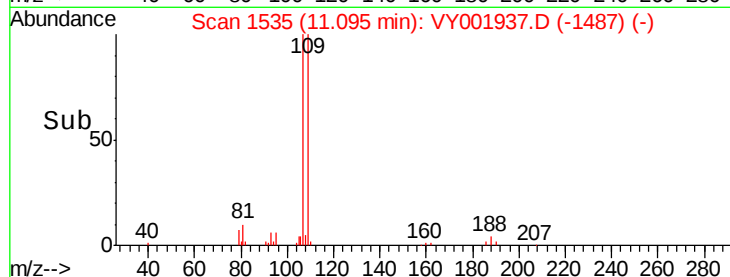
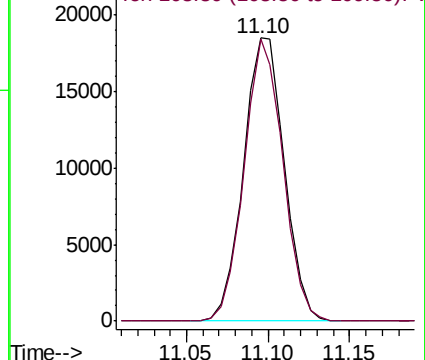
107 100

109 94.9 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.181 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

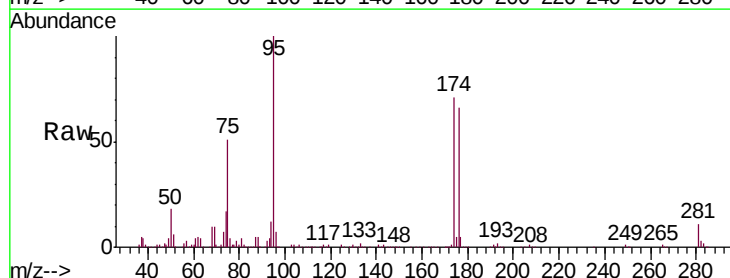
Tgt Ion: 95 Resp: 122814

Ion Ratio Lower Upper

95 100

174 72.5 0.0 145.0

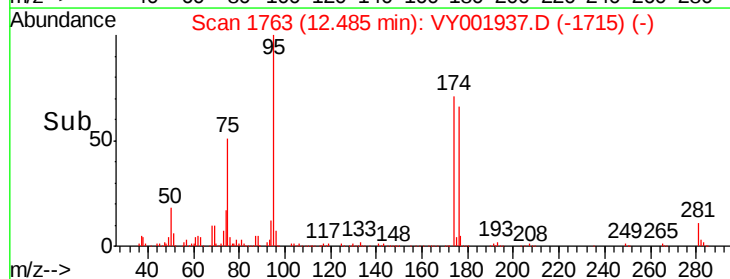
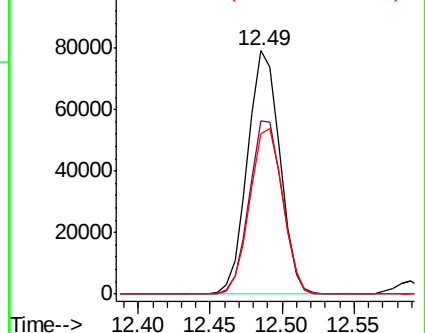
176 69.4 0.0 137.4

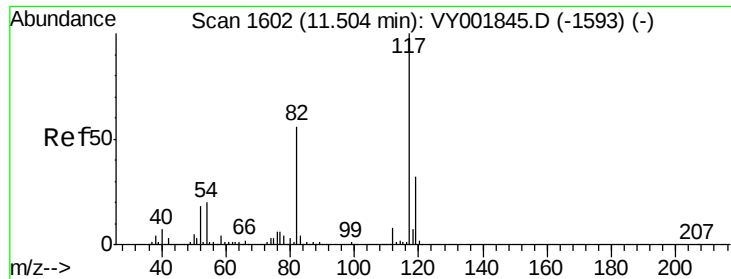


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

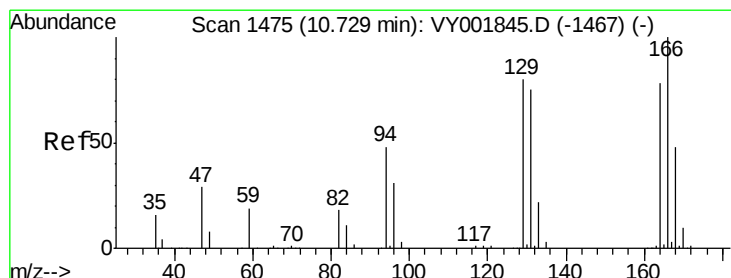
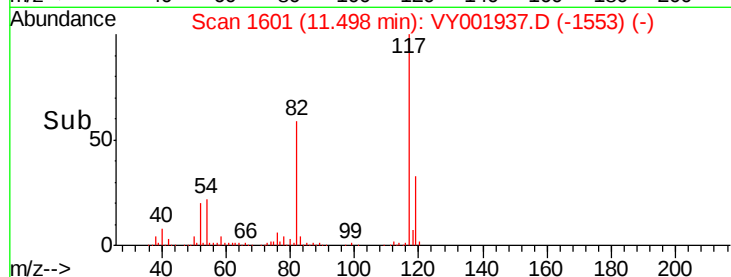
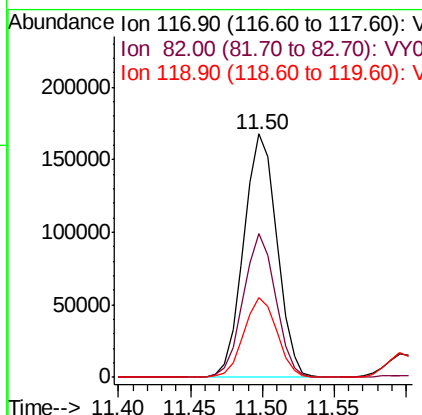
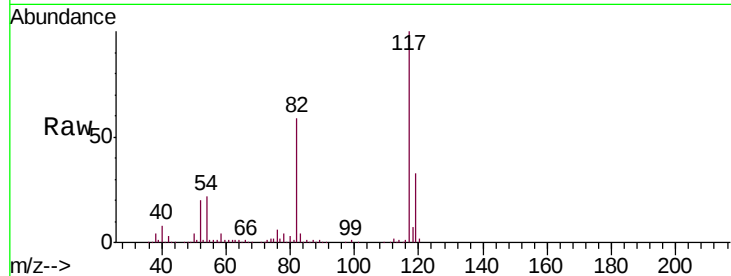




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.50 min Scan# 1601  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

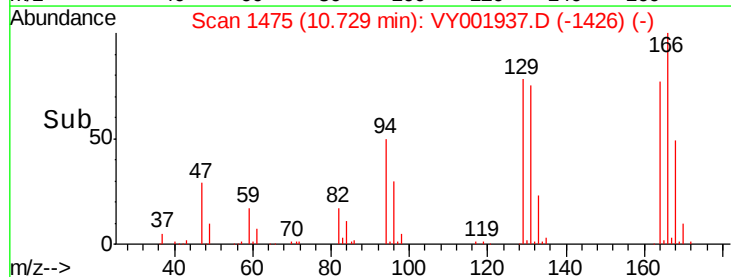
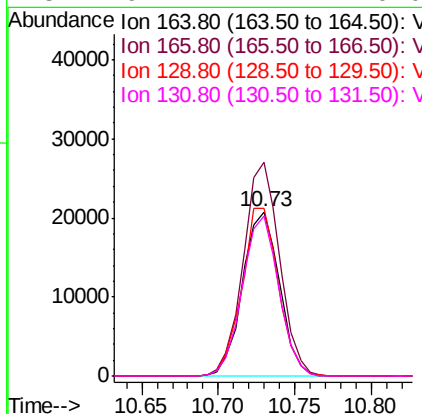
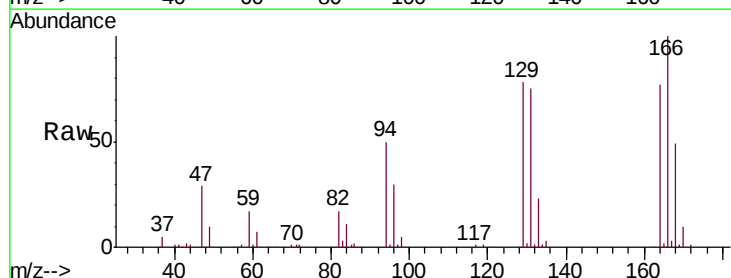
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0311SBS01

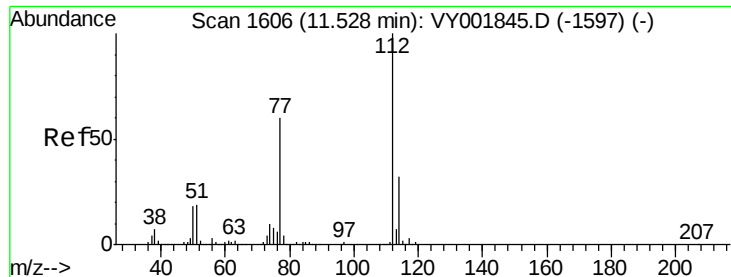
Tgt Ion:117 Resp: 268333  
Ion Ratio Lower Upper  
117 100  
82 59.3 44.5 66.7  
119 32.5 25.7 38.5



#64  
Tetrachloroethene  
Concen: 20.696 ug/l  
RT: 10.73 min Scan# 1475  
Delta R.T. 0.00 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Tgt Ion:164 Resp: 34826  
Ion Ratio Lower Upper  
164 100  
166 130.0 102.6 154.0  
129 101.7 82.3 123.5  
131 97.4 77.4 116.0

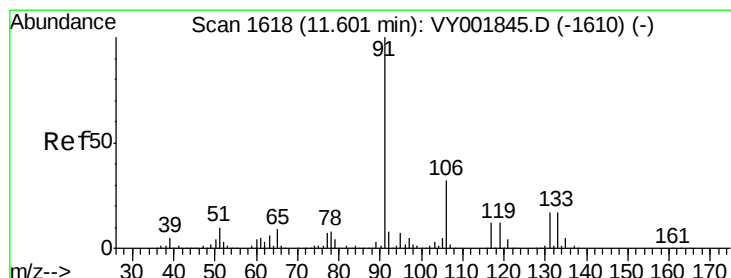
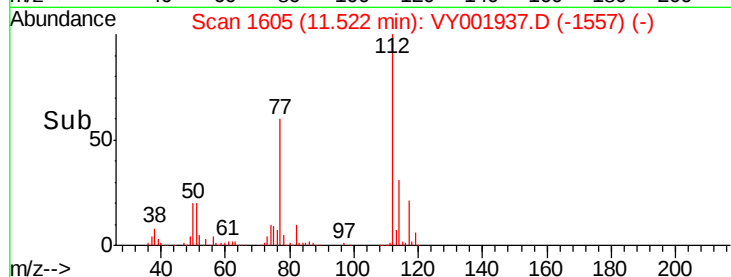
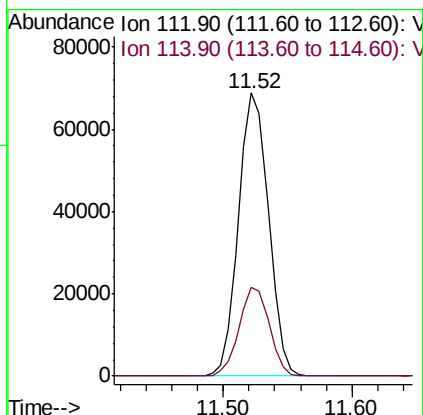
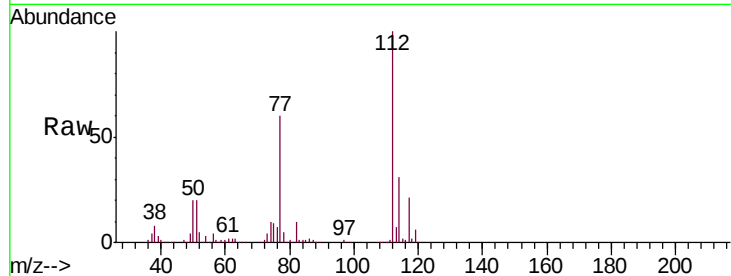




#65  
Chlorobenzene  
Concen: 20.833 ug/l  
RT: 11.52 min Scan# 1605  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

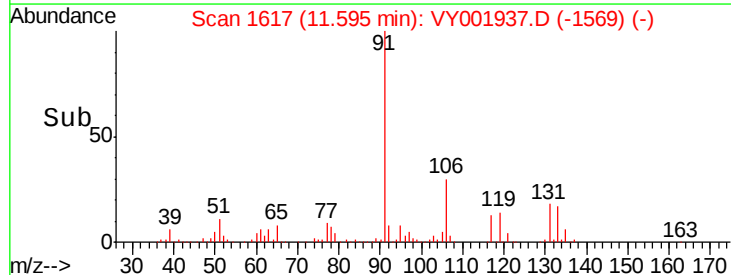
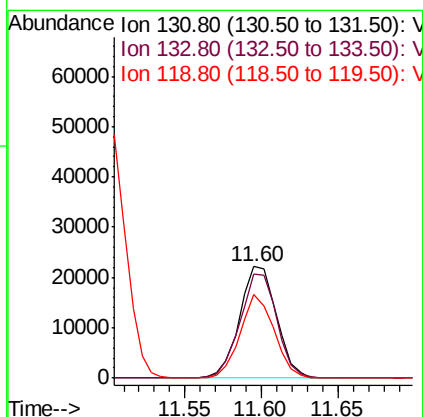
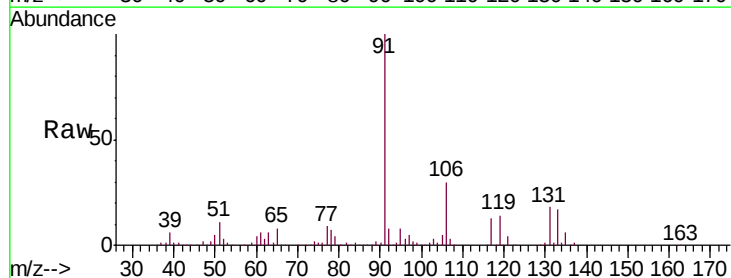
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0311SBSD01

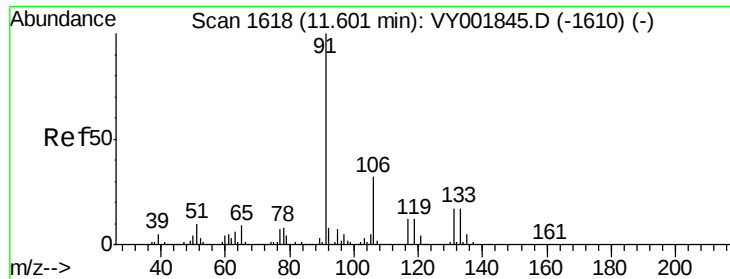
Tgt Ion:112 Resp: 111389  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.203 ug/l  
RT: 11.60 min Scan# 1617  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Tgt Ion:131 Resp: 37176  
Ion Ratio Lower Upper  
131 100  
133 93.4 47.1 141.3  
119 69.3 34.5 103.6

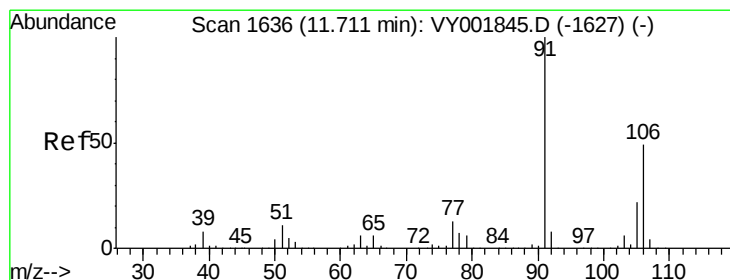
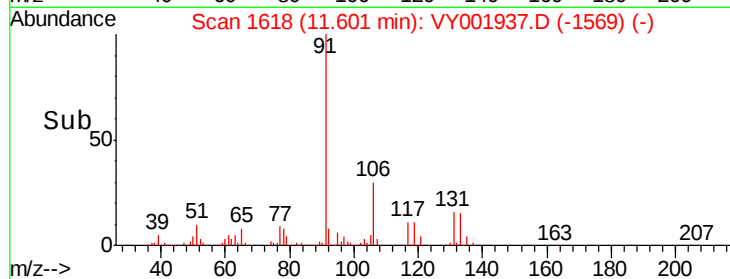
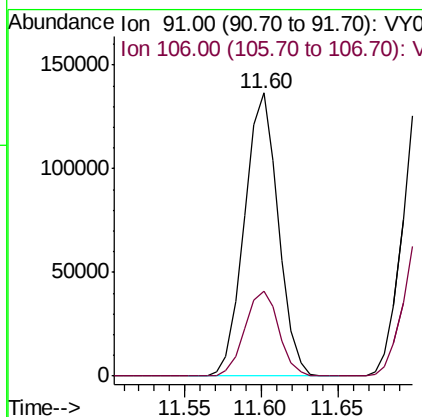
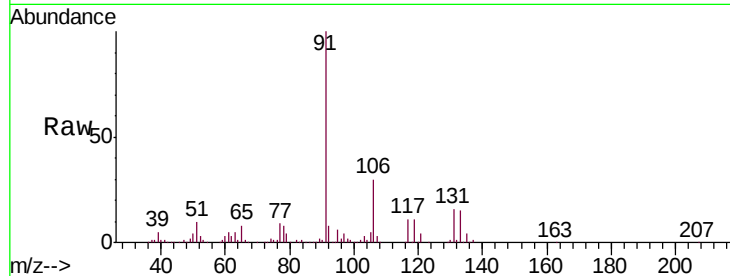




#67  
Ethyl Benzene  
Concen: 20.973 ug/l  
RT: 11.60 min Scan# 1618  
Delta R.T. 0.00 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

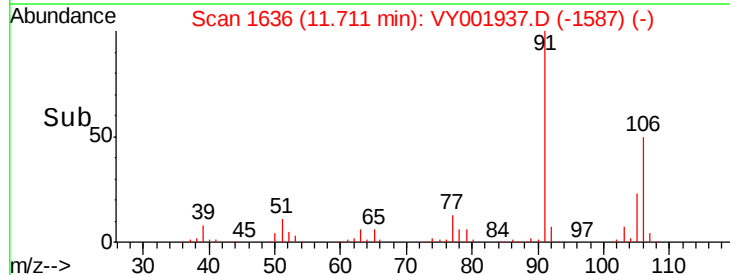
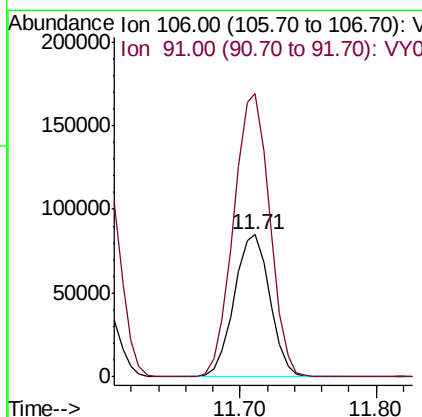
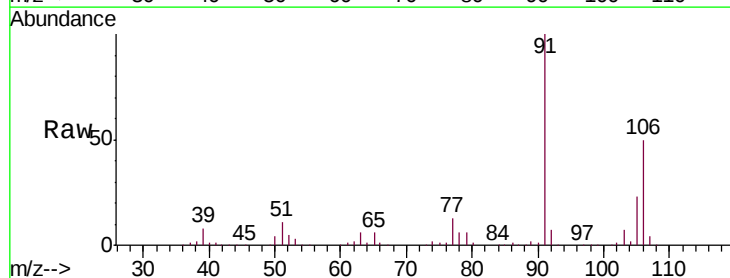
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0311SBSD01

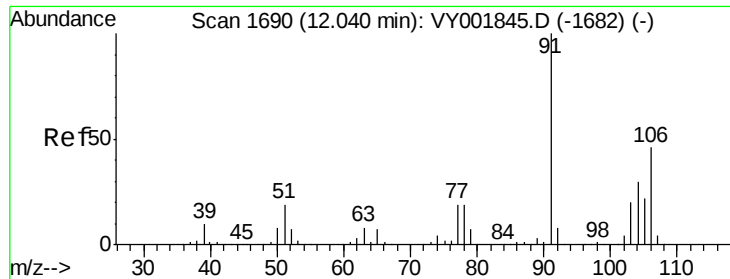
Tgt Ion: 91 Resp: 209136  
Ion Ratio Lower Upper  
91 100  
106 30.1 25.4 38.2



#68  
m/p-Xylenes  
Concen: 42.038 ug/l  
RT: 11.71 min Scan# 1636  
Delta R.T. 0.00 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Tgt Ion: 106 Resp: 154975  
Ion Ratio Lower Upper  
106 100  
91 201.4 161.3 241.9

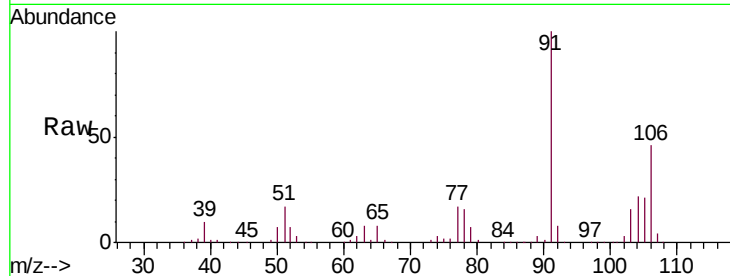




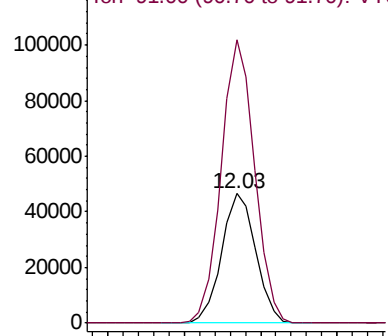
#69  
o-Xylene  
Concen: 20.908 ug/l  
RT: 12.03 min Scan# 1689  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0311SBSD01

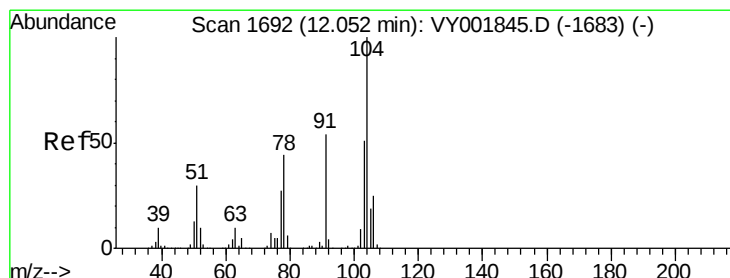
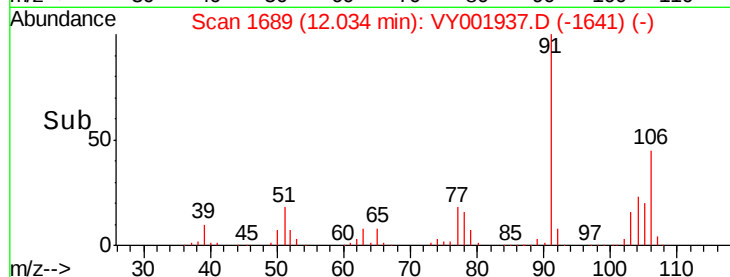
Tgt Ion:106 Resp: 72647  
Ion Ratio Lower Upper  
106 100  
91 212.9 106.8 320.4



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

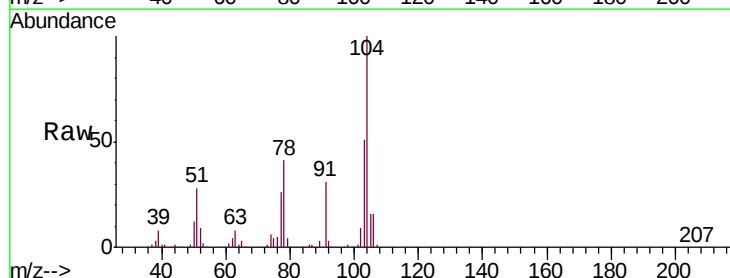


Time--> 11.95 12.00 12.05 12.10

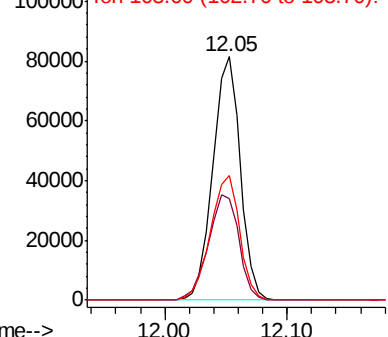


#70  
Styrene  
Concen: 21.178 ug/l  
RT: 12.05 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

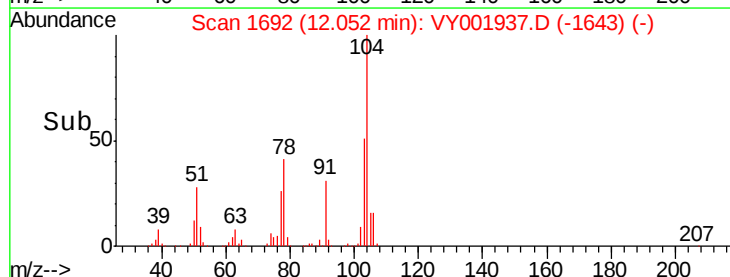
Tgt Ion:104 Resp: 126036  
Ion Ratio Lower Upper  
104 100  
78 47.9 38.5 57.7  
103 54.9 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VY0  
Ion 103.00 (102.70 to 103.70): V



Time--> 12.00 12.10





#71

Bromoform

Concen: 20.772 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

VY0311SBS01

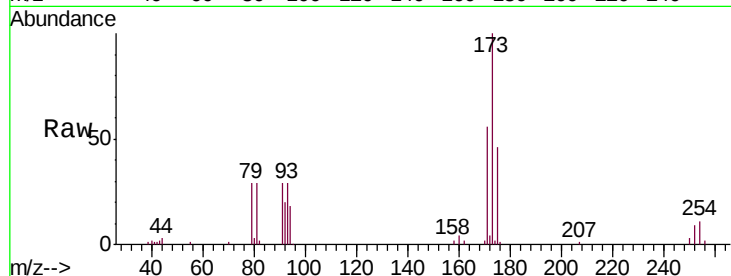
Tgt Ion:173 Resp: 19751

Ion Ratio Lower Upper

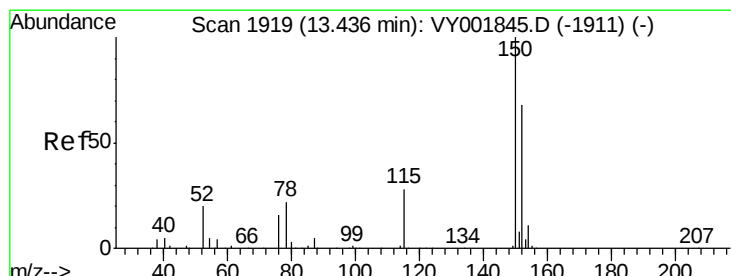
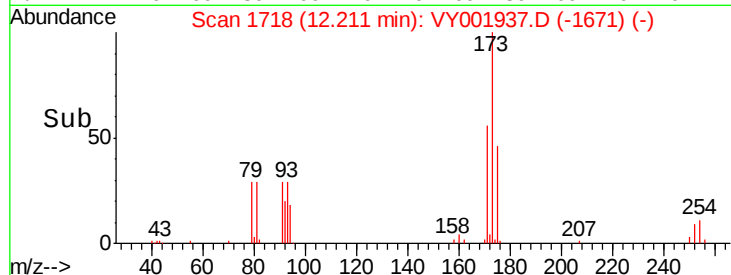
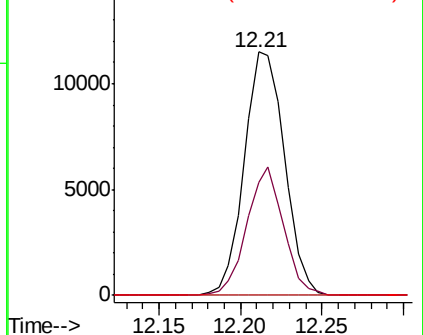
173 100

175 47.8 24.3 72.8

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. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

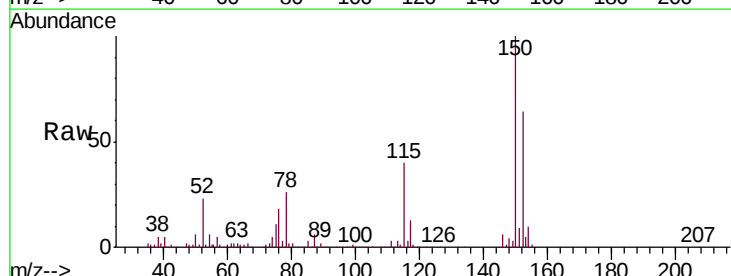
Tgt Ion:152 Resp: 128367

Ion Ratio Lower Upper

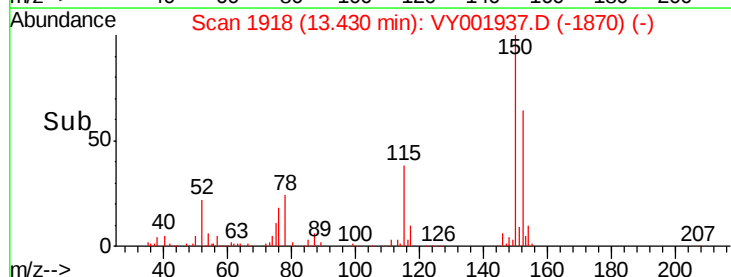
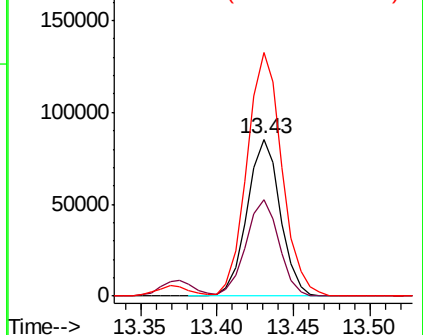
152 100

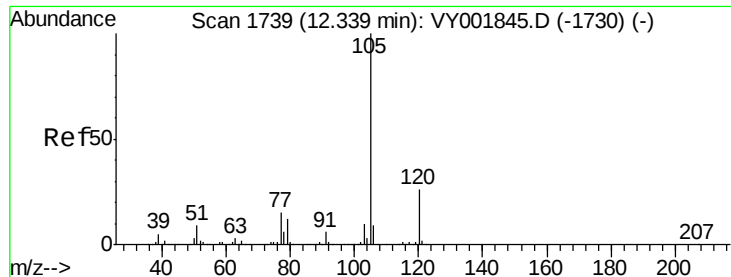
115 61.1 29.9 89.7

150 163.9 0.0 340.6



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





#73

Isopropylbenzene

Concen: 19.822 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

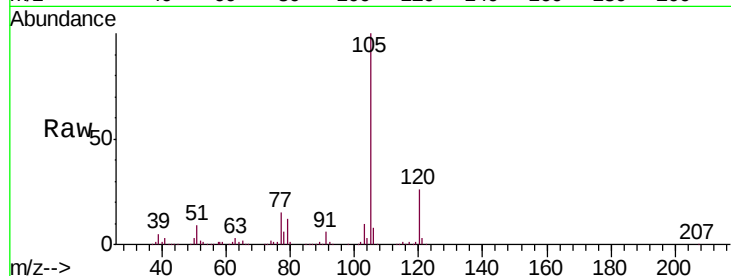
VY0311SBS01

Tgt Ion: 105 Resp: 194237

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

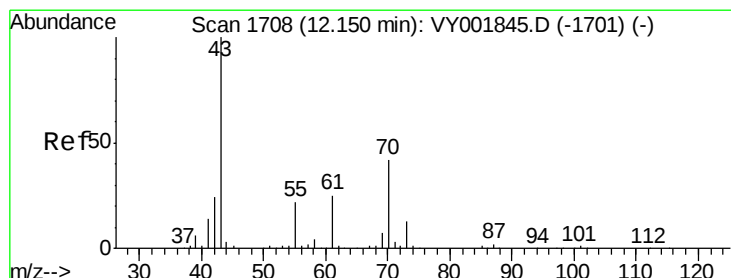
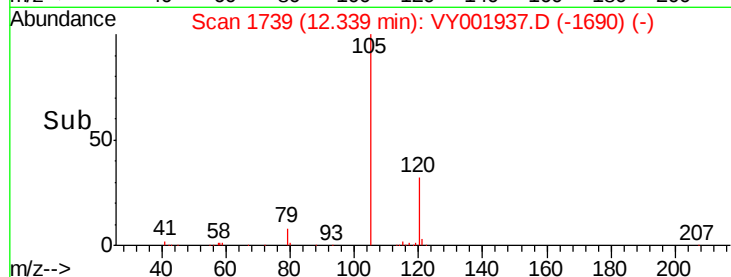
12.34

100000

50000

0

Time--> 12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 20.840 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Tgt Ion: 43 Resp: 62763

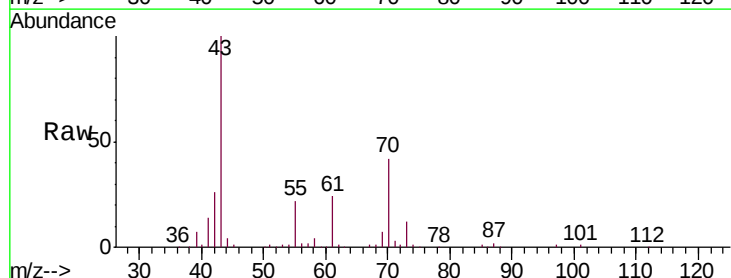
Ion Ratio Lower Upper

43 100

70 43.0 34.7 52.1

55 23.1 18.2 27.4

61 24.7 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

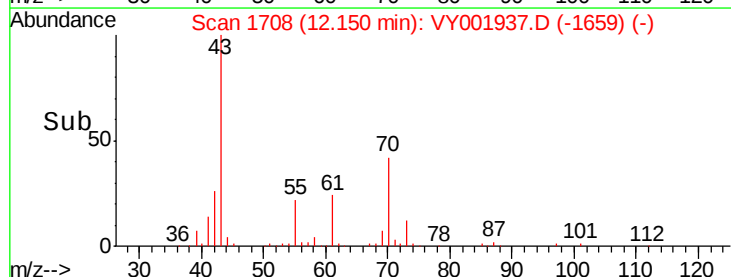
60000

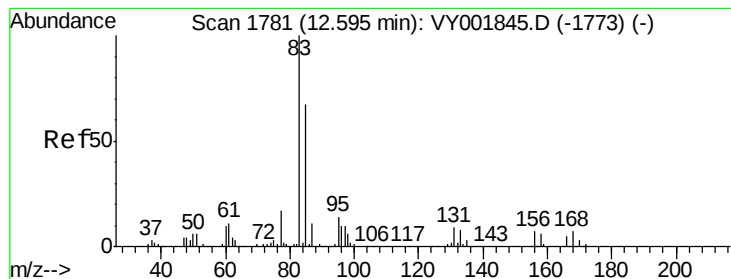
40000

20000

0

Time--> 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 20.552 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

VY0311SBS01

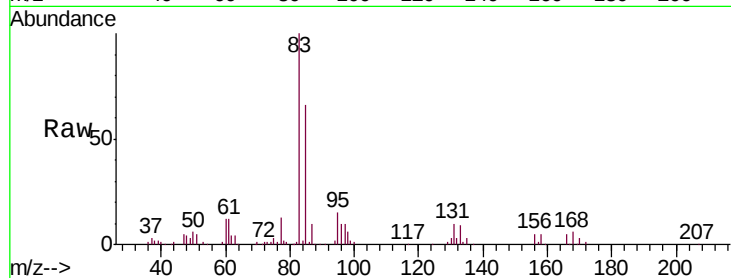
Tgt Ion: 83 Resp: 43431

Ion Ratio Lower Upper

83 100

131 9.9 4.6 13.8

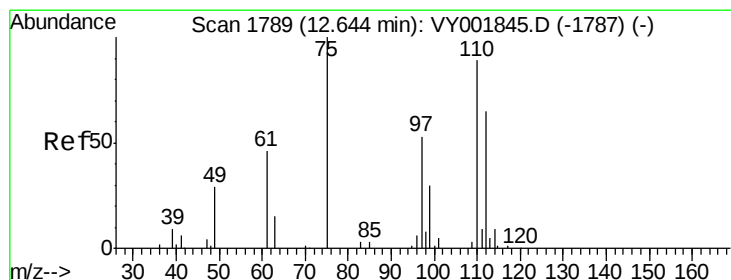
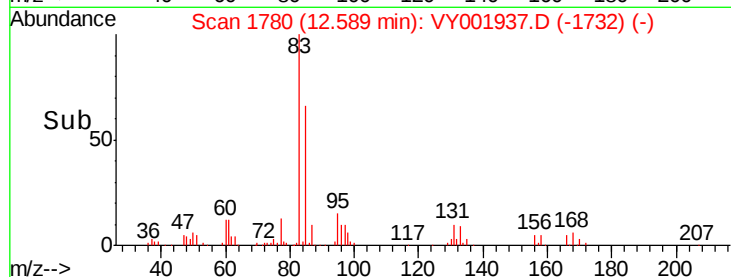
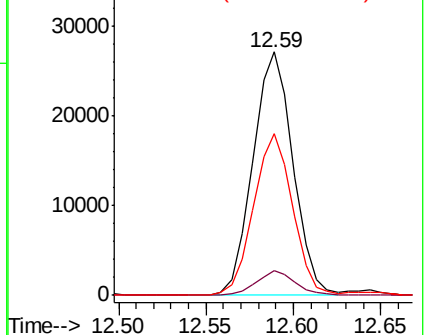
85 64.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 37.123 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY001937.D

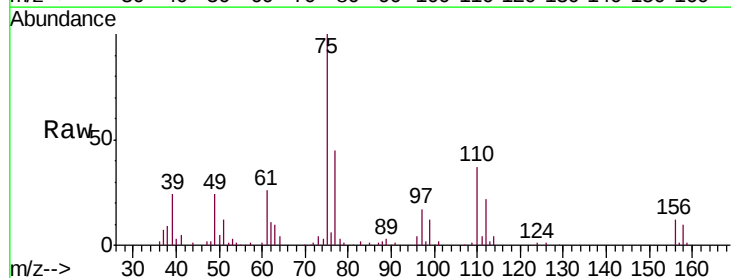
Acq: 11 Mar 2020 12:57

Tgt Ion: 75 Resp: 56544

Ion Ratio Lower Upper

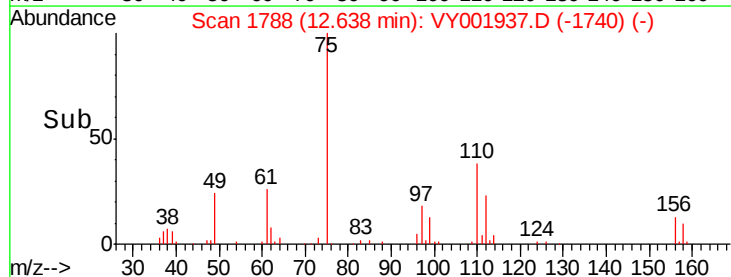
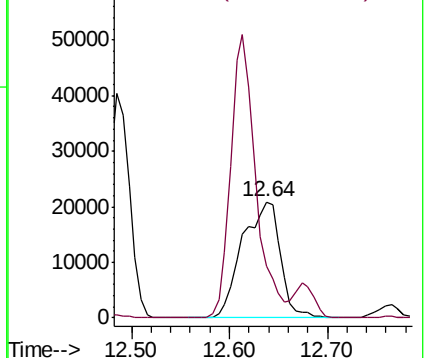
75 100

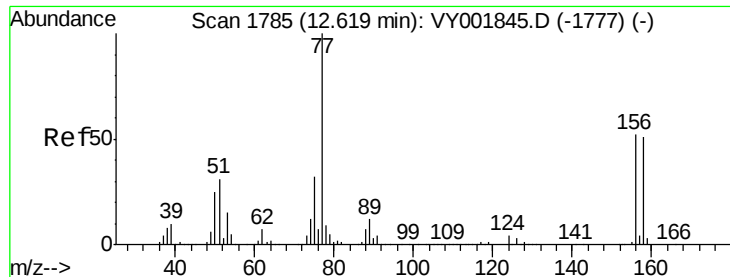
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.655 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

VY0311SBSD01

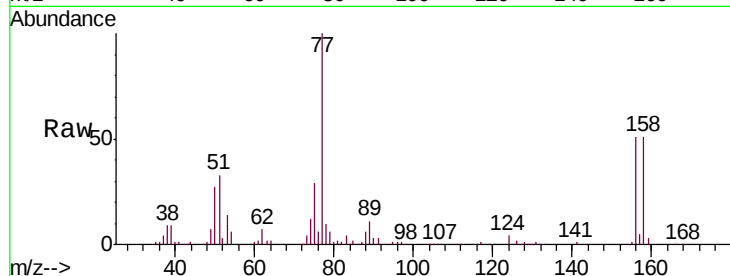
Tgt Ion:156 Resp: 42883

Ion Ratio Lower Upper

156 100

77 210.9 109.0 327.0

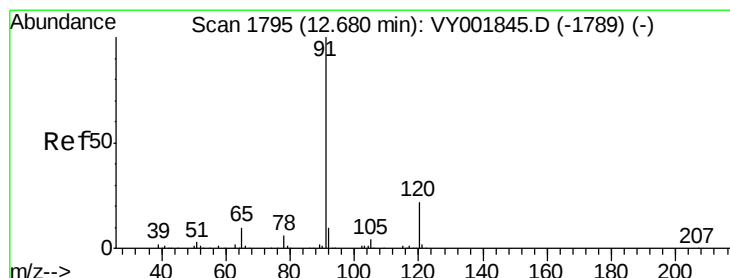
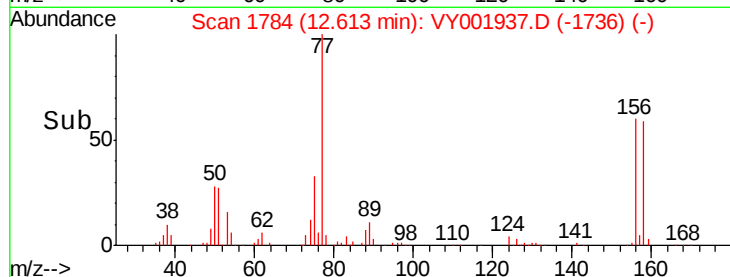
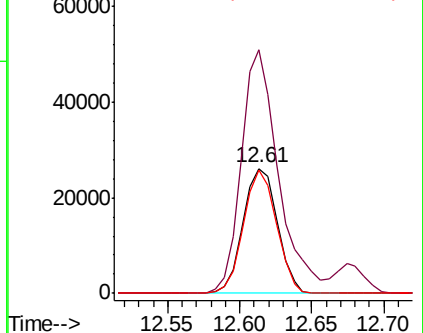
158 95.1 48.9 146.8



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: 20.328 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY001937.D

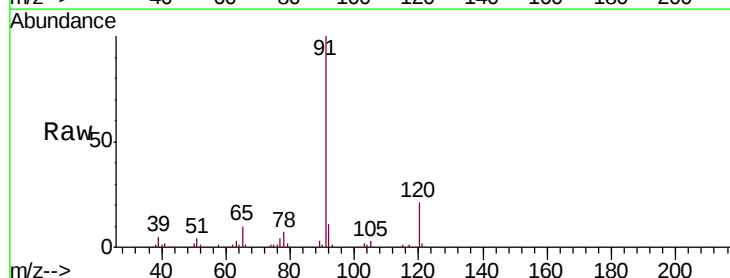
Acq: 11 Mar 2020 12:57

Tgt Ion: 91 Resp: 245747

Ion Ratio Lower Upper

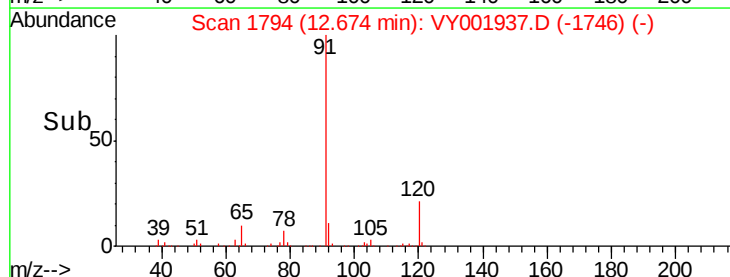
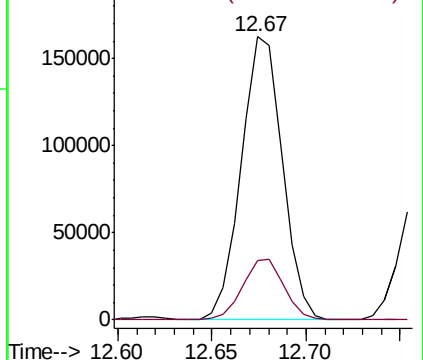
91 100

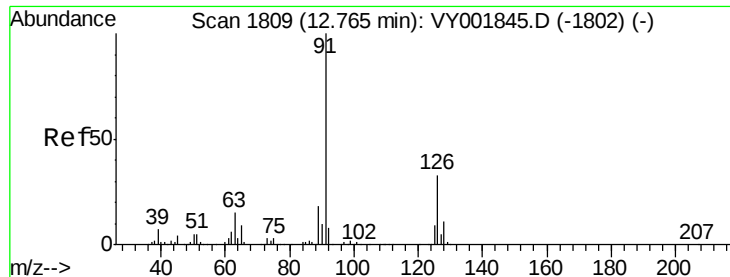
120 21.6 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.145 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

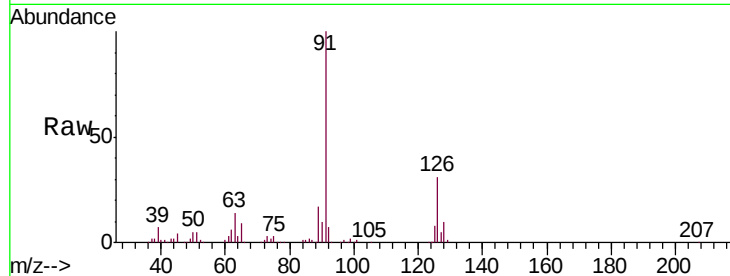
VY0311SBSD01

Tgt Ion: 91 Resp: 134549

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY001845.D (-1802) (-)

150000

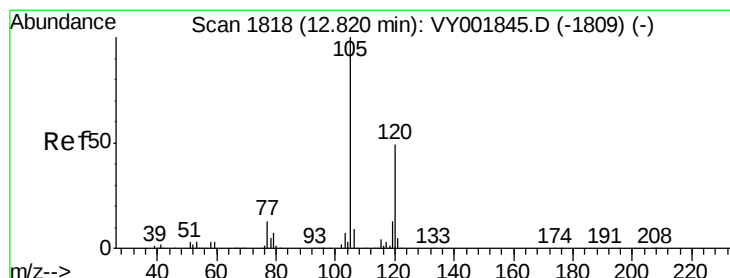
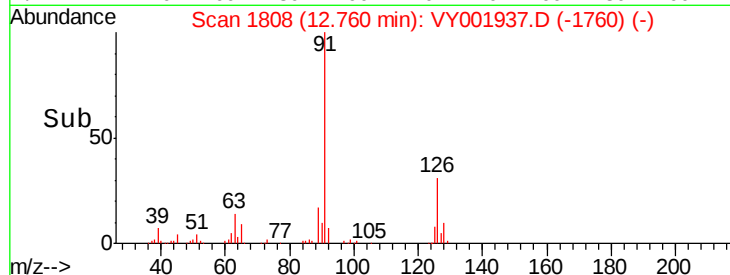
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.472 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001937.D

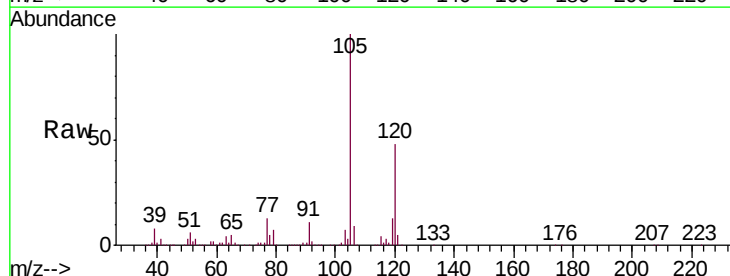
Acq: 11 Mar 2020 12:57

Tgt Ion: 105 Resp: 165149

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY001845.D (-1809) (-)

120000

100000

80000

60000

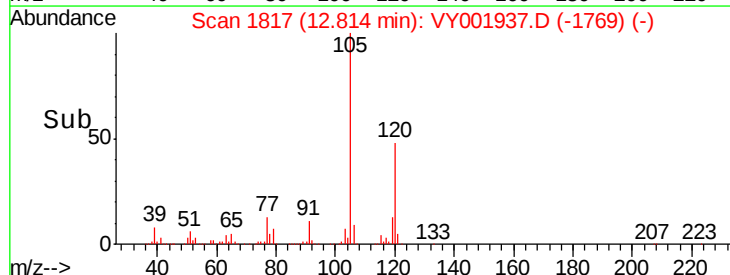
40000

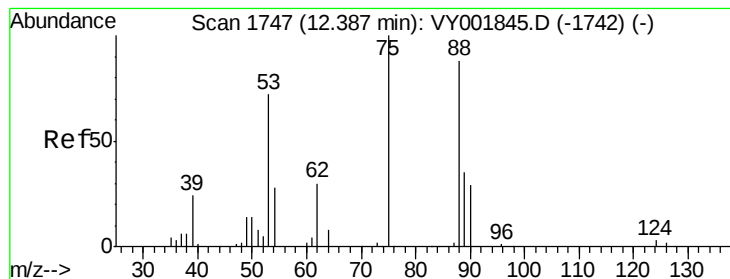
20000

0

12.75 12.80 12.85 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.655 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

VY0311SBS01

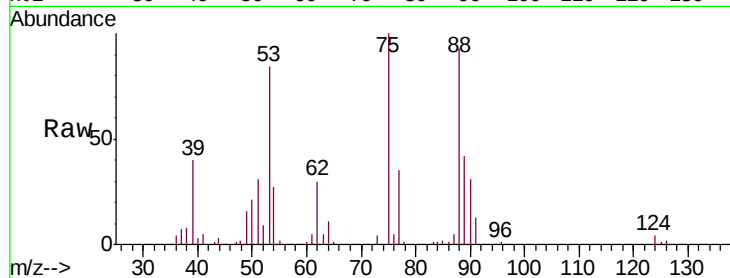
Tgt Ion: 75 Resp: 14821

Ion Ratio Lower Upper

75 100

53 84.5 65.4 98.0

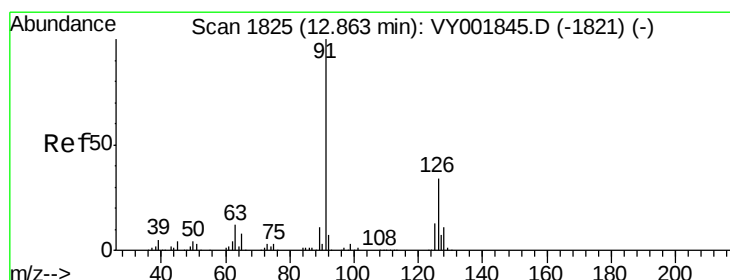
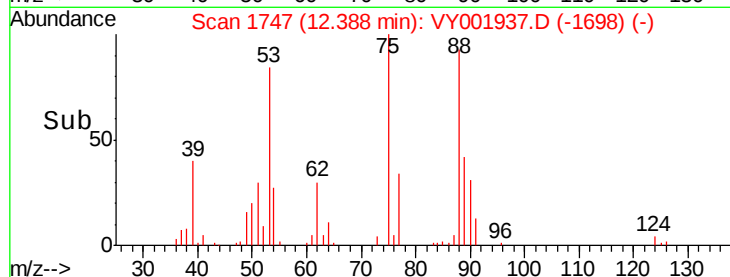
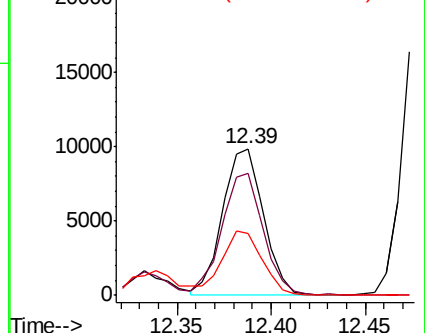
89 43.9 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.191 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001937.D

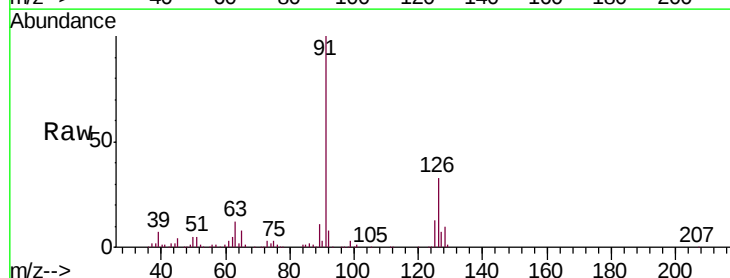
Acq: 11 Mar 2020 12:57

Tgt Ion: 91 Resp: 140413

Ion Ratio Lower Upper

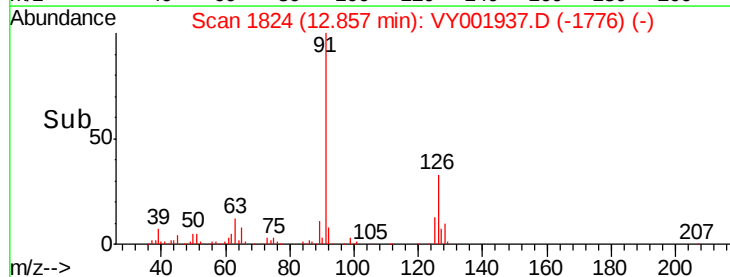
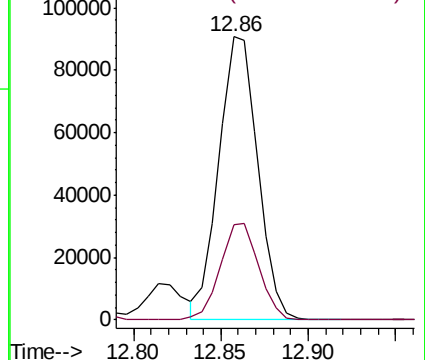
91 100

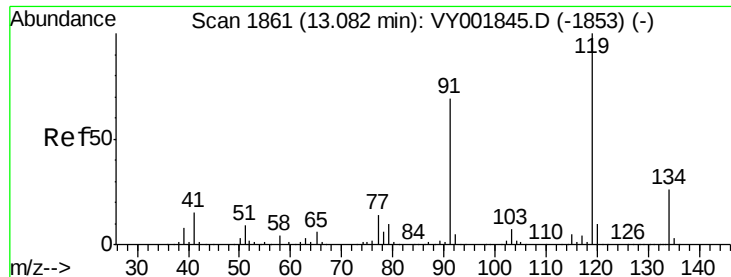
126 33.9 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

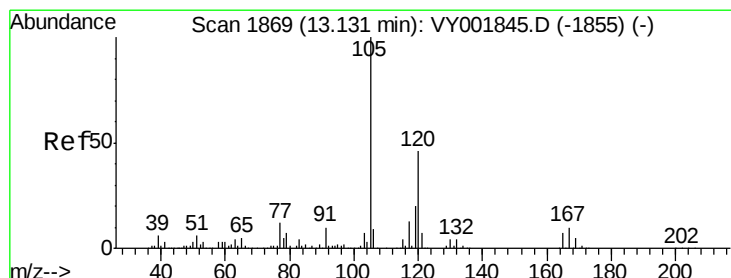
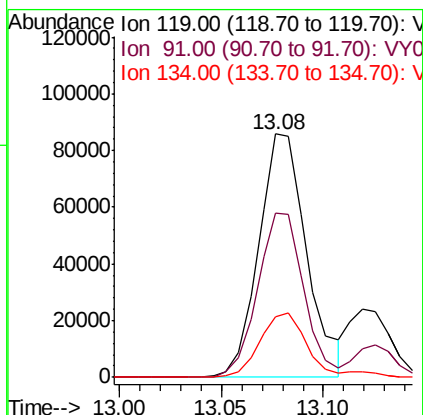
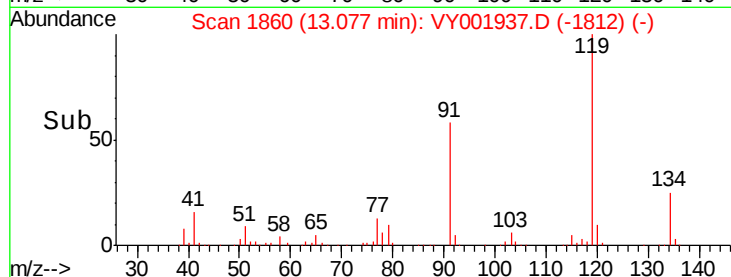
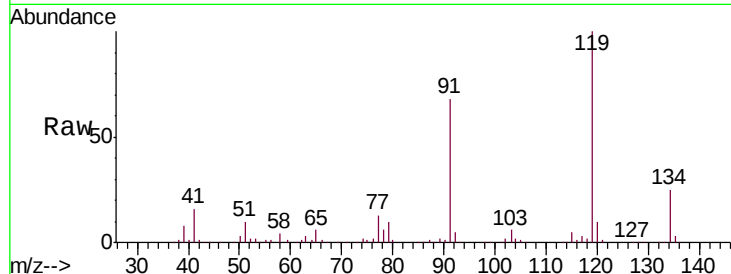




#83  
 tert-Butylbenzene  
 Concen: 21.023 ug/l  
 RT: 13.08 min Scan# 1860  
 Delta R.T. -0.01 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

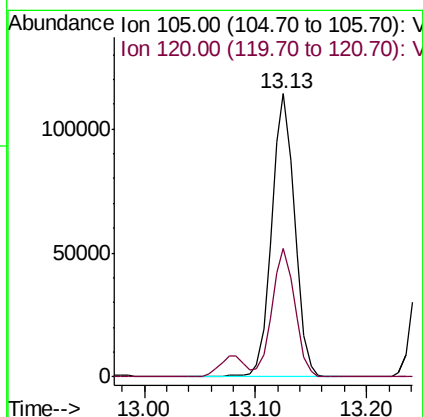
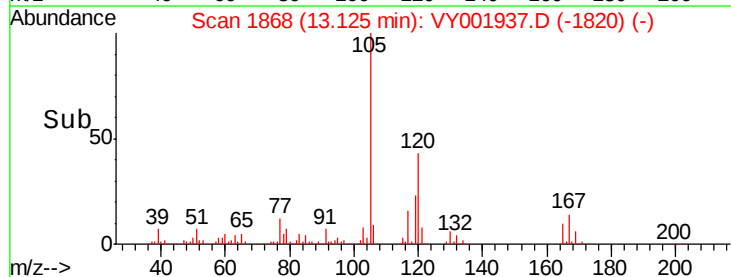
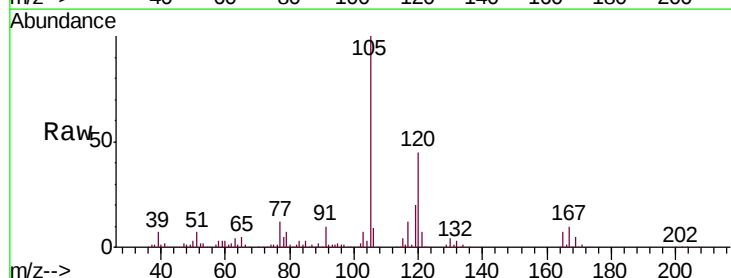
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0311SBS01

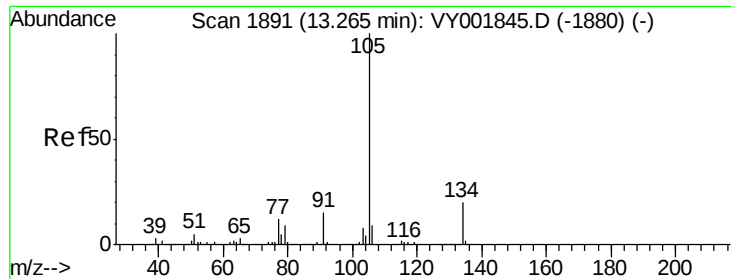
Tgt Ion:119 Resp: 140863  
 Ion Ratio Lower Upper  
 119 100  
 91 64.8 34.0 101.8  
 134 26.8 13.5 40.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.522 ug/l  
 RT: 13.13 min Scan# 1868  
 Delta R.T. -0.01 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

Tgt Ion:105 Resp: 164295  
 Ion Ratio Lower Upper  
 105 100  
 120 45.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 20.811 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

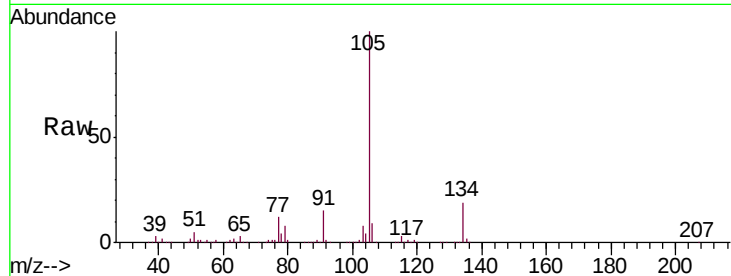
VY0311SBSD01

Tgt Ion:105 Resp: 205535

Ion Ratio Lower Upper

105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

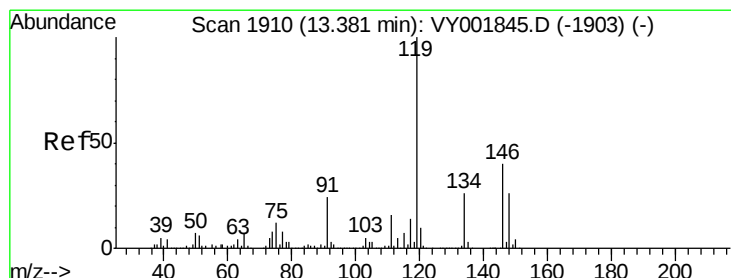
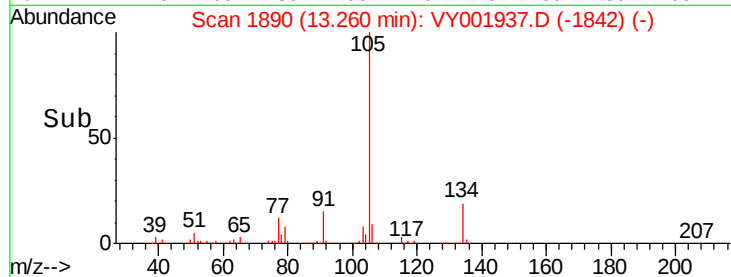
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.966 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

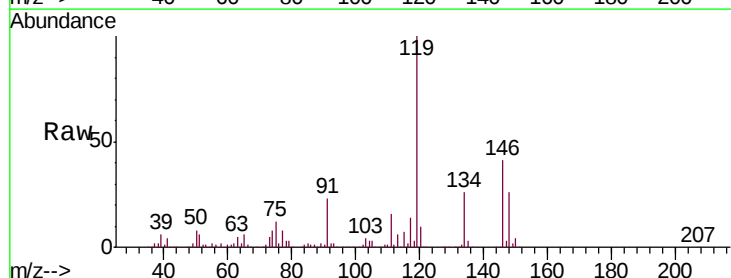
Tgt Ion:119 Resp: 178621

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.6 11.9 35.7



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

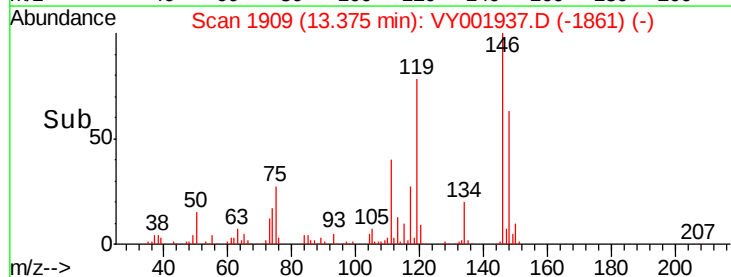
150000

100000

50000

0

Time-->

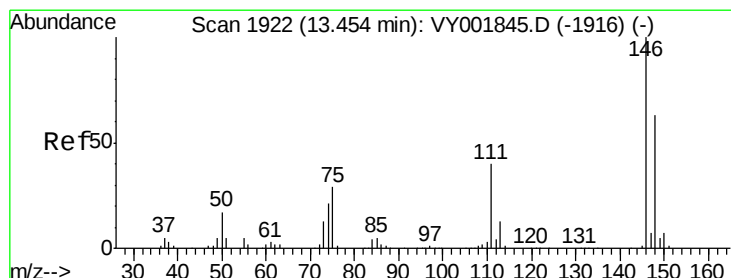
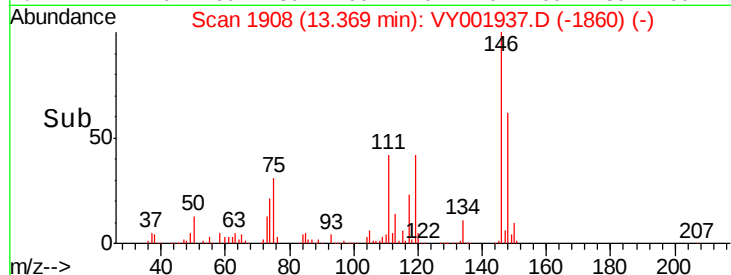
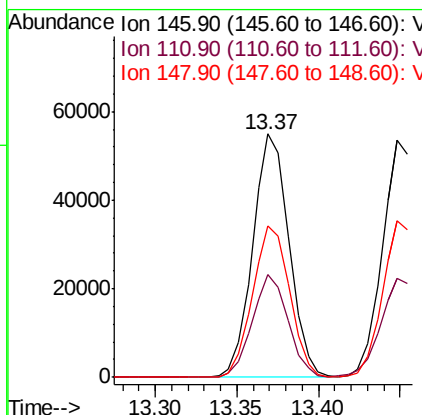
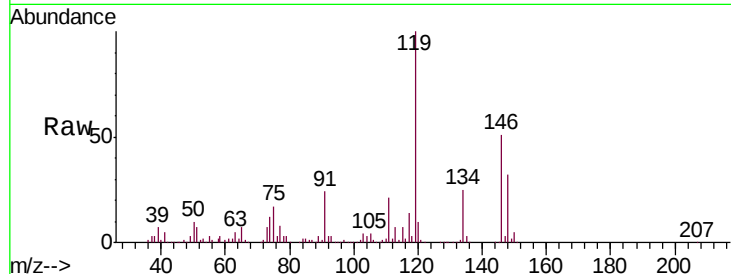




#87  
 1,3-Dichlorobenzene  
 Concen: 20.825 ug/l  
 RT: 13.37 min Scan# 1908  
 Delta R.T. -0.01 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

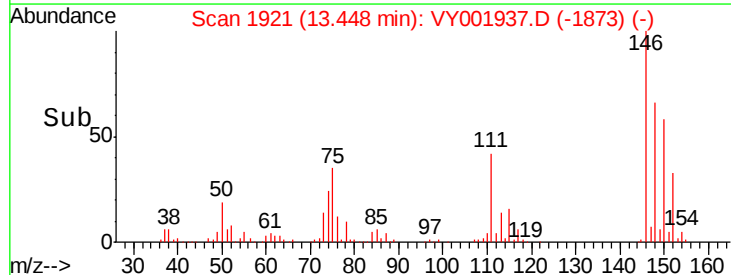
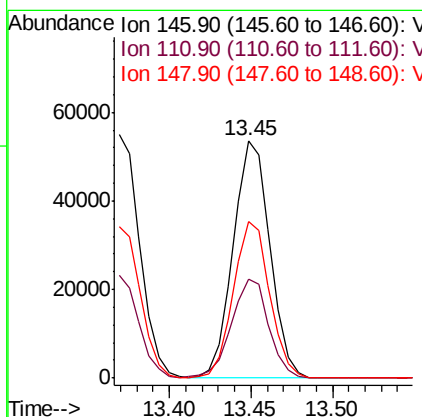
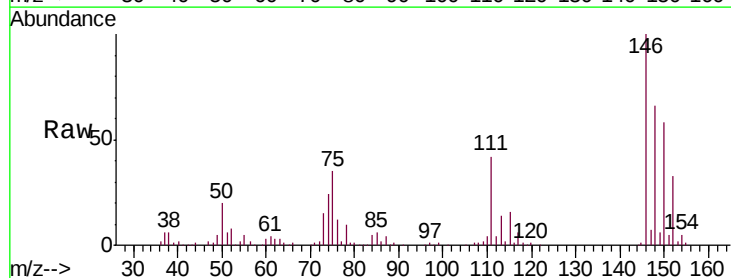
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0311SBSD01

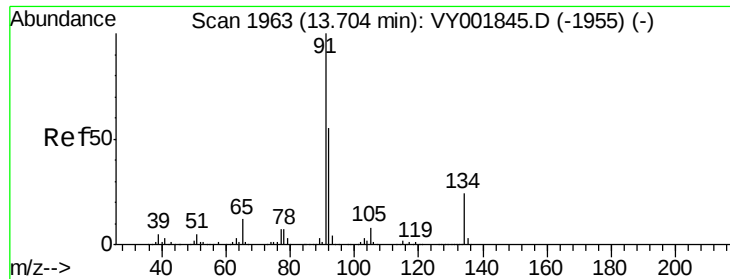
Tgt Ion:146 Resp: 84725  
 Ion Ratio Lower Upper  
 146 100  
 111 41.7 20.8 62.5  
 148 63.7 31.4 94.0



#88  
 1,4-Dichlorobenzene  
 Concen: 20.355 ug/l  
 RT: 13.45 min Scan# 1921  
 Delta R.T. -0.01 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

Tgt Ion:146 Resp: 84014  
 Ion Ratio Lower Upper  
 146 100  
 111 42.3 20.0 60.0  
 148 64.9 31.5 94.5





#89

n-Butylbenzene

Concen: 20.843 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY001937.D

Acq: 11 Mar 2020 12:57

Instrument :

MSVOA\_Y

ClientSampleId :

VY0311SBS01

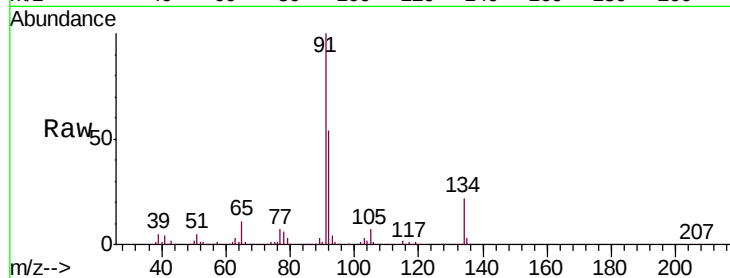
Tgt Ion: 91 Resp: 184234

Ion Ratio Lower Upper

91 100

92 54.4 27.5 82.4

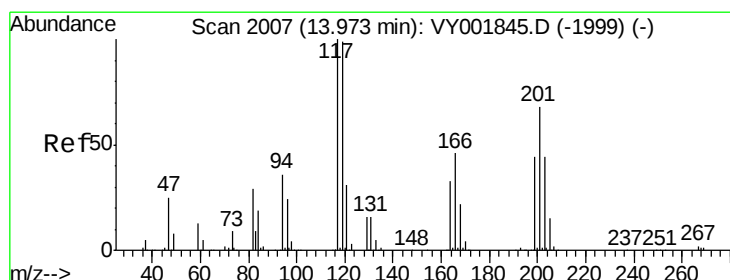
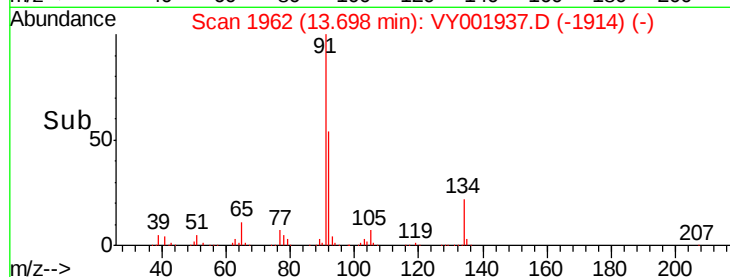
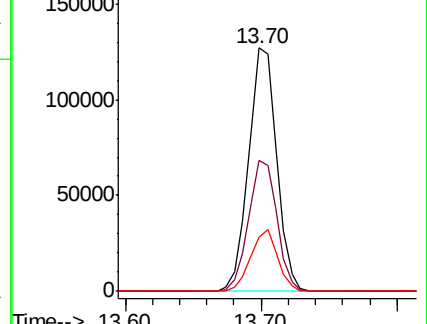
134 24.4 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.452 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.01 min

Lab File: VY001937.D

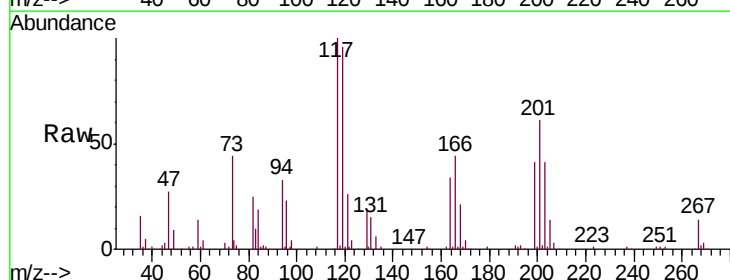
Acq: 11 Mar 2020 12:57

Tgt Ion: 117 Resp: 32871

Ion Ratio Lower Upper

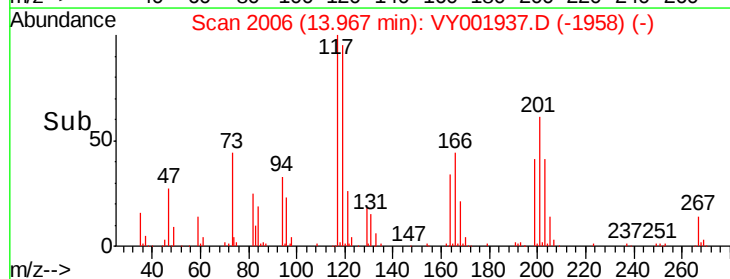
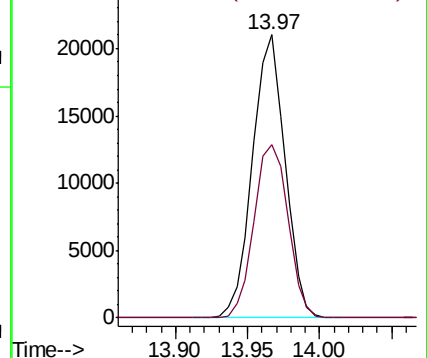
117 100

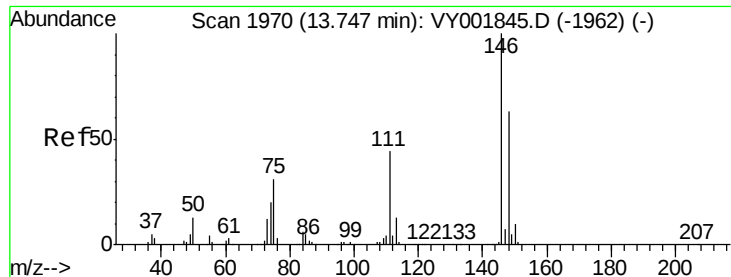
201 64.0 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

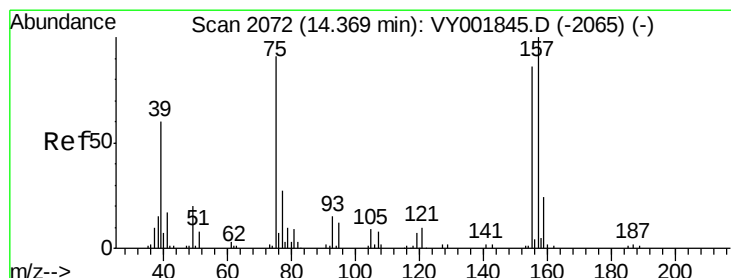
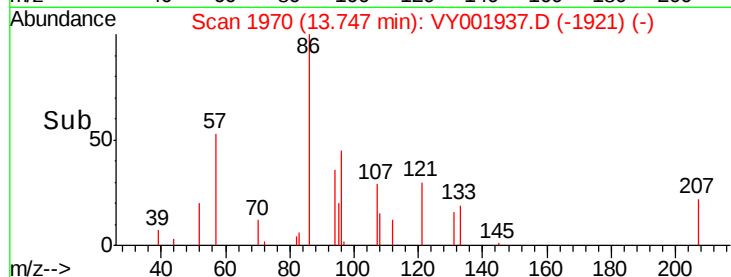
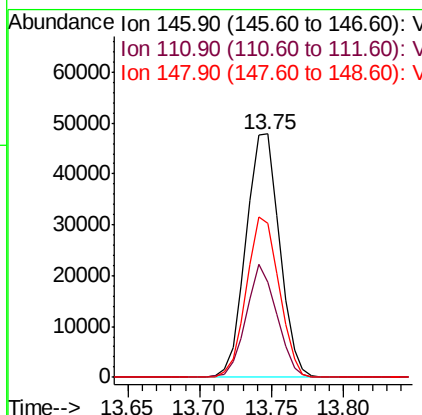
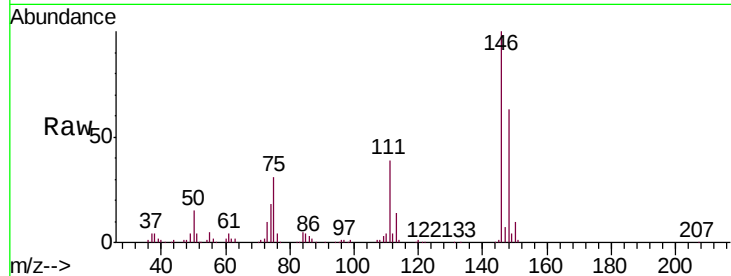




#91  
 1,2-Dichlorobenzene  
 Concen: 20.830 ug/l  
 RT: 13.75 min Scan# 1970  
 Delta R.T. 0.00 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

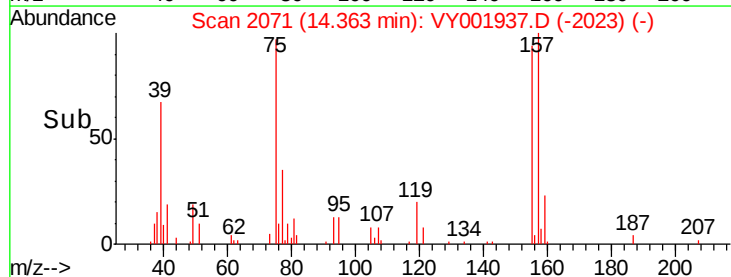
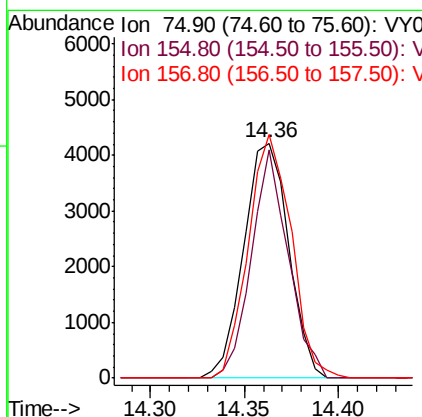
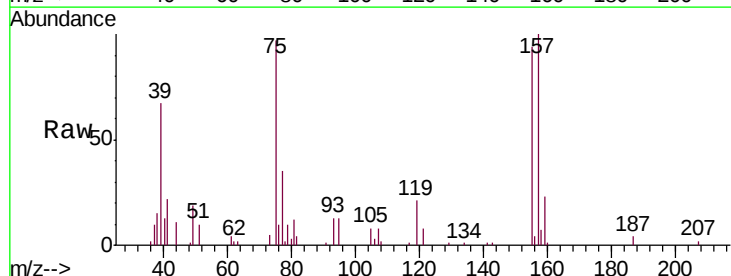
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0311SBS01

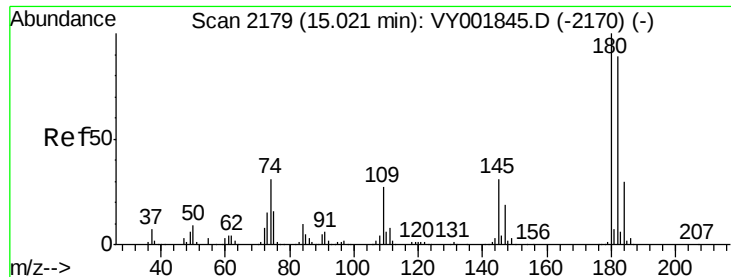
Tgt Ion: 146 Resp: 76990  
 Ion Ratio Lower Upper  
 146 100  
 111 42.4 21.5 64.5  
 148 64.0 32.0 96.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.165 ug/l  
 RT: 14.36 min Scan# 2071  
 Delta R.T. -0.01 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

Tgt Ion: 75 Resp: 6979  
 Ion Ratio Lower Upper  
 75 100  
 155 79.9 42.9 128.7  
 157 98.7 53.1 159.4

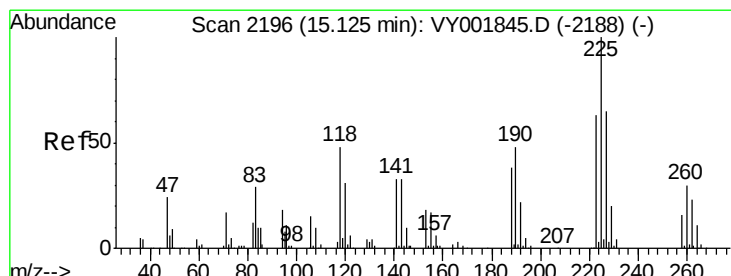
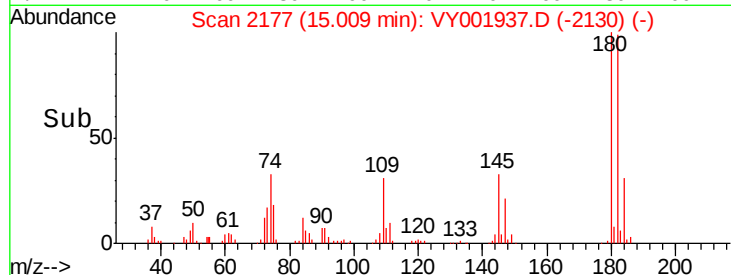
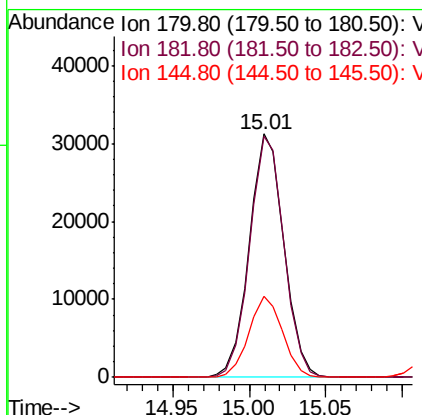
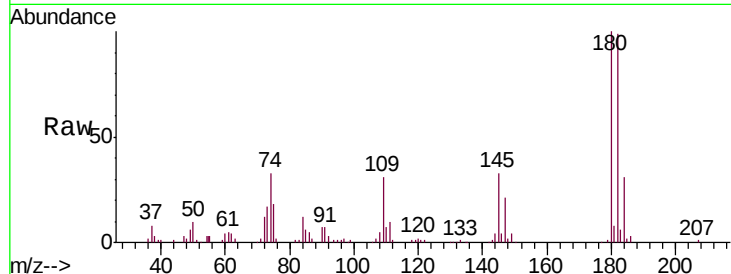




#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.440 ug/l  
 RT: 15.01 min Scan# 2177  
 Delta R.T. -0.01 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

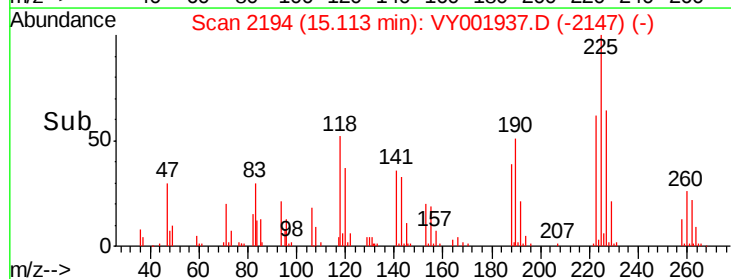
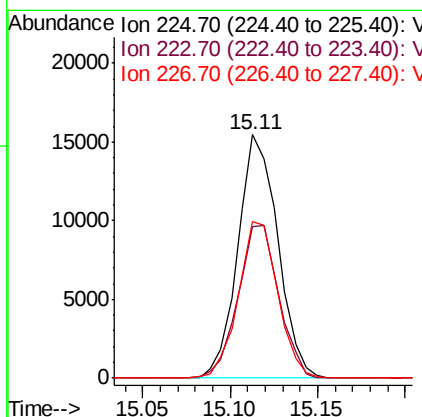
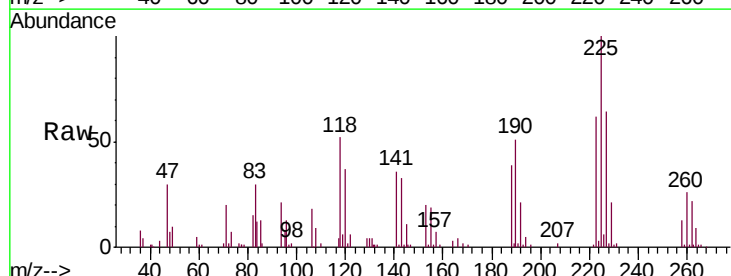
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0311SBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.2  | 46.1  | 138.3 |
| 145     | 32.3  | 15.6  | 46.8  |



#94  
 Hexachlorobutadiene  
 Concen: 20.926 ug/l  
 RT: 15.11 min Scan# 2194  
 Delta R.T. -0.01 min  
 Lab File: VY001937.D  
 Acq: 11 Mar 2020 12:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.0  | 31.5  | 94.5  |
| 227     | 63.7  | 31.9  | 95.5  |

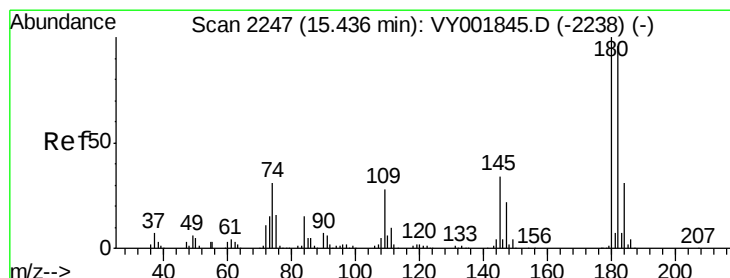
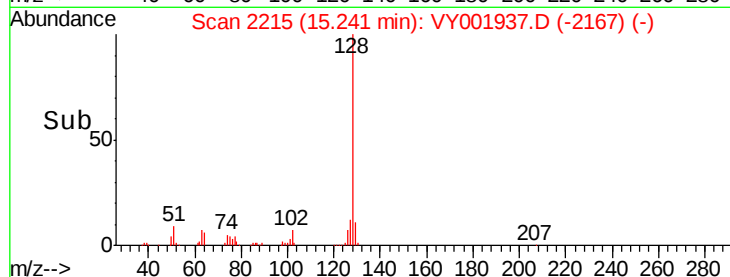
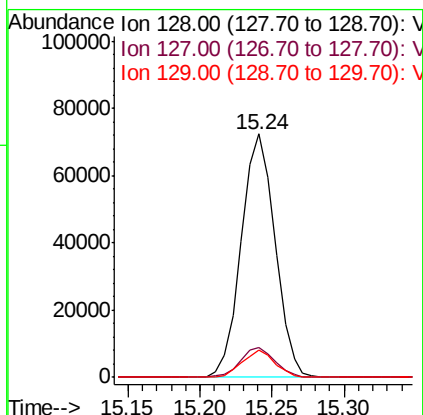
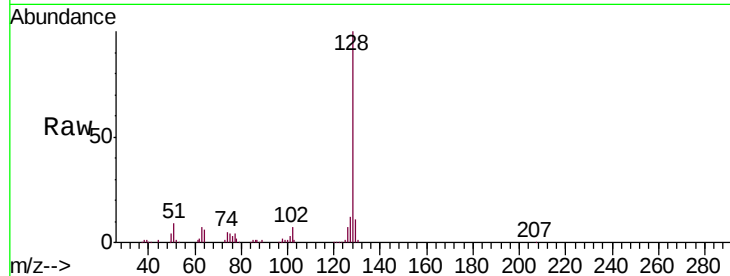




#95  
Naphthalene  
Concen: 20.715 ug/l  
RT: 15.24 min Scan# 2215  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0311SBS01

Tgt Ion:128 Resp: 117778  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.1 15.1  
129 10.8 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 20.844 ug/l  
RT: 15.43 min Scan# 2246  
Delta R.T. -0.01 min  
Lab File: VY001937.D  
Acq: 11 Mar 2020 12:57

Tgt Ion:180 Resp: 44014  
Ion Ratio Lower Upper  
180 100  
182 96.8 47.6 142.9  
145 32.4 16.8 50.3

