

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012920\  
 Data File : VY001415.D  
 Acq On : 29 Jan 2020 11:58  
 Operator : SY/MD  
 Sample : VY0129SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0129SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/30/2020 10:27:25 AM

Quant Time: Jan 29 15:27:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 23 01:21:47 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.82  | 168  | 193584   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.72  | 114  | 333915   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 291344   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.44 | 152  | 137351   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.18   | 65  | 103443   | 49.11 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.22%  |      |
| 35) Dibromofluoromethane  | 7.75   | 113 | 100459   | 51.26 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.52% |      |
| 50) Toluene-d8            | 10.20  | 98  | 411639   | 54.06 | ug/l    | 0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.12% |      |
| 62) 4-Bromofluorobenzene  | 12.49  | 95  | 148209   | 48.88 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.76%  |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.92 | 85  | 36524  | 23.925  | ug/l | 98     |
| 3) Chloromethane              | 2.13 | 50  | 52552  | 22.776  | ug/l | 97     |
| 4) Vinyl Chloride             | 2.27 | 62  | 54490  | 22.649  | ug/l | 97     |
| 5) Bromomethane               | 2.66 | 94  | 38113  | 23.522  | ug/l | 98     |
| 6) Chloroethane               | 2.82 | 64  | 35149  | 22.864  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.15 | 101 | 72849  | 23.666  | ug/l | 99     |
| 8) Diethyl Ether              | 3.56 | 74  | 26552  | 20.434  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.93 | 101 | 47717  | 24.342  | ug/l | 98     |
| 10) Methyl Iodide             | 4.13 | 142 | 52678  | 20.375  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.99 | 59  | 29961  | 101.628 | ug/l | 95     |
| 12) 1,1-Dichloroethene        | 3.91 | 96  | 47882  | 23.296  | ug/l | 95     |
| 13) Acrolein                  | 3.76 | 56  | 16789  | 99.695  | ug/l | 99     |
| 14) Allyl chloride            | 4.52 | 41  | 81677  | 22.283  | ug/l | 99     |
| 15) Acrylonitrile             | 5.21 | 53  | 64146  | 96.439  | ug/l | 100    |
| 16) Acetone                   | 3.98 | 43  | 55211  | 94.791  | ug/l | 96     |
| 17) Carbon Disulfide          | 4.23 | 76  | 146517 | 22.666  | ug/l | 97     |
| 18) Methyl Acetate            | 4.51 | 43  | 32882  | 18.511  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.27 | 73  | 118867 | 19.751  | ug/l | 96     |
| 20) Methylene Chloride        | 4.75 | 84  | 66921  | 23.479  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 5.27 | 96  | 53501  | 22.409  | ug/l | 92     |
| 22) Diisopropyl ether         | 6.16 | 45  | 162479 | 20.875  | ug/l | 97     |
| 23) Vinyl Acetate             | 6.10 | 43  | 504600 | 99.861  | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 6.06 | 63  | 91202  | 22.230  | ug/l | 97     |
| 25) 2-Butanone                | 7.03 | 43  | 84737  | 92.422  | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 7.02 | 77  | 81202  | 22.220  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 7.03 | 96  | 57679  | 21.617  | ug/l | 97     |
| 28) Bromochloromethane        | 7.36 | 49  | 31836  | 18.817  | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.39 | 42  | 53057  | 88.949  | ug/l | 98     |
| 30) Chloroform                | 7.54 | 83  | 85089  | 21.160  | ug/l | 96     |
| 31) Cyclohexane               | 7.82 | 56  | 95297  | 23.395  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.74 | 97  | 77430  | 22.805  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.95 | 75  | 72984  | 23.135  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.11 | 43  | 36335  | 18.852  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.93 | 117 | 66400  | 23.617  | ug/l | 98     |

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Manual Integrations  
 APPROVED

MMDadoda  
 1/30/2020 10:27:25 AM

Quant Time: Jan 29 15:27:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 23 01:21:47 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.21  | 83   | 98568    | 24.390  | ug/l   | 99       |
| 40) Benzene                    | 8.19  | 78   | 214901   | 22.719  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.35  | 41   | 20168m   | 20.277  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.27  | 62   | 57142    | 21.620  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.30  | 43   | 72723    | 19.404  | ug/l   | 98       |
| 44) Trichloroethene            | 8.96  | 130  | 54241    | 22.346  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.24  | 63   | 53905    | 22.543  | ug/l   | 99       |
| 46) Dibromomethane             | 9.33  | 93   | 26493    | 20.638  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.52  | 83   | 67275    | 21.923  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.32  | 41   | 34686    | 20.358  | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.32  | 88   | 6762     | 373.531 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.09 | 43   | 179972   | 93.246  | ug/l   | 99       |
| 52) Toluene                    | 10.26 | 92   | 135640   | 22.621  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.48 | 75   | 72688    | 21.370  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.95  | 75   | 84528    | 21.651  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.66 | 97   | 39470    | 20.831  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.53 | 69   | 55968    | 19.544  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 68405    | 20.725  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.80  | 63   | 101948   | 102.878 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.85 | 43   | 127319   | 94.755  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.00 | 129  | 43725    | 20.633  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 37131    | 20.730  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.74 | 164  | 43167    | 23.196  | ug/l   | 95       |
| 65) Chlorobenzene              | 11.53 | 112  | 136638   | 22.250  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 46399    | 22.140  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.61 | 91   | 261667   | 23.121  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.71 | 106  | 193548   | 45.789  | ug/l   | 100      |
| 69) o-Xylene                   | 12.04 | 106  | 92746    | 22.808  | ug/l   | 99       |
| 70) Styrene                    | 12.05 | 104  | 159836   | 22.403  | ug/l   | 99       |
| 71) Bromoform                  | 12.22 | 173  | 25165    | 20.115  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.34 | 105  | 248318   | 22.912  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.16 | 43   | 68367    | 19.271  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.59 | 83   | 46299    | 19.947  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 31660m   | 19.129  | ug/l   |          |
| 77) Bromobenzene               | 12.62 | 156  | 53706    | 22.372  | ug/l   | 96       |
| 78) n-propylbenzene            | 12.68 | 91   | 305142   | 23.391  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.77 | 91   | 169575   | 22.754  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.82 | 105  | 207591   | 22.946  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75   | 17039    | 19.482  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 175355   | 22.028  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.08 | 119  | 173450   | 22.745  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 207050   | 22.796  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.27 | 105  | 256361   | 23.661  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.38 | 119  | 224371   | 23.499  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.38 | 146  | 104224   | 22.544  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 103747   | 22.101  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.70 | 91   | 225595   | 23.477  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.97 | 117  | 41697    | 23.039  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.75 | 146  | 91794    | 21.529  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.37 | 75   | 7708     | 19.244  | ug/l   | 93       |

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 Sample : VY0129SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0129SBS01

Manual Integrations  
 APPROVED

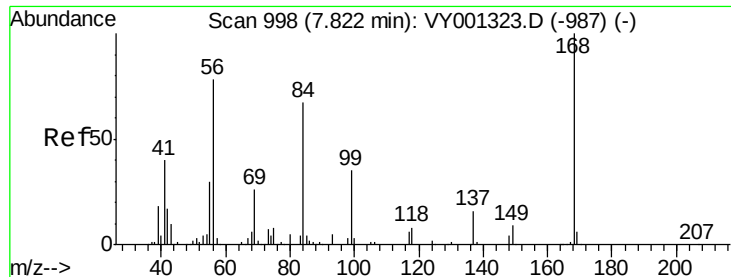
MMDadoda  
 1/30/2020 10:27:25 AM

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

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.02 | 180  | 60780    | 21.240 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.12 | 225  | 31397    | 22.533 | ug/l  | 98       |
| 95) Naphthalene            | 15.25 | 128  | 127879   | 19.543 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.44 | 180  | 52016    | 20.721 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA\_Y

ClientSampleId :

VY0129SBS01

Tot Ion:168 Resp: 193584

Ion Ratio Lower Upper

168 100

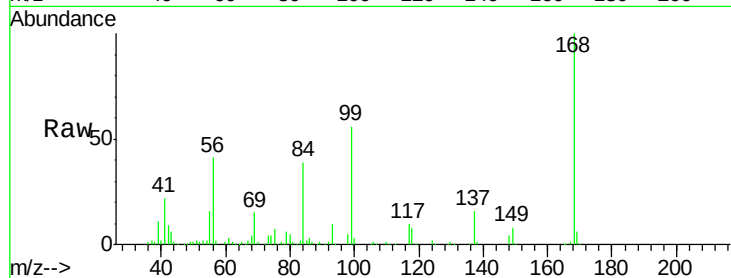
99 56.5 44.3 66.5

Manual Integrations

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1/30/2020 10:27:25 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.82

80000

60000

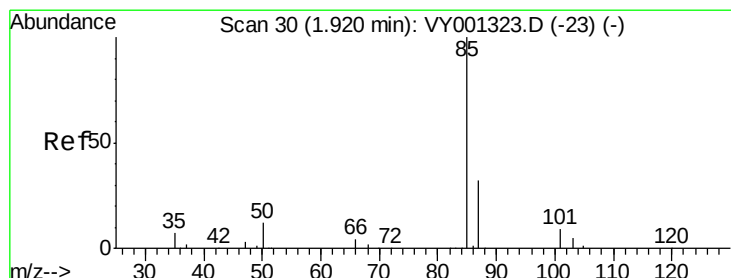
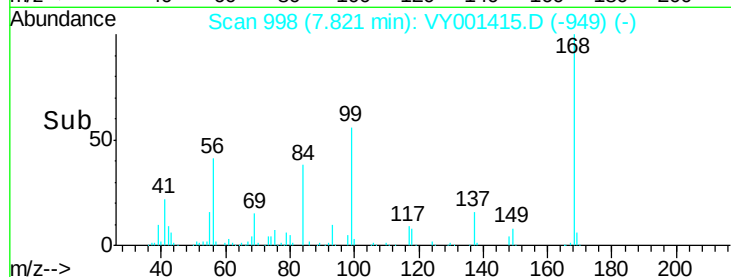
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.925 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY001415.D

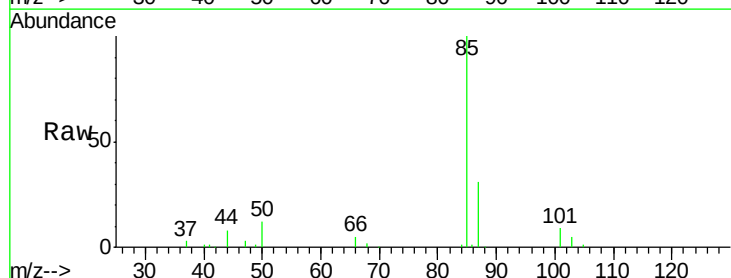
Acq: 29 Jan 2020 11:58

Tgt Ion: 85 Resp: 36524

Ion Ratio Lower Upper

85 100

87 30.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.92

30000

25000

20000

15000

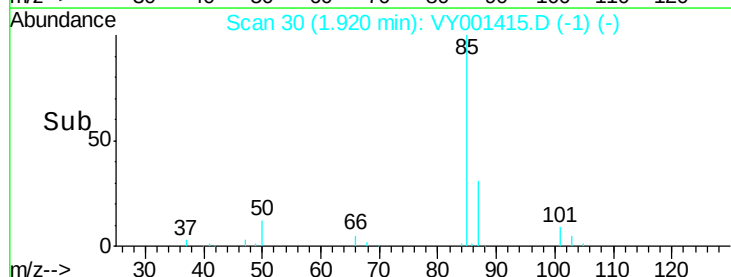
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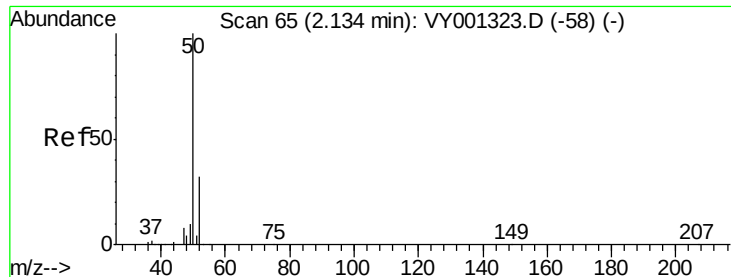
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0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 22.776 ug/l

RT: 2.13 min Scan# 65

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA\_Y

ClientSampleId :

VY0129SBS01

Tot Ion: 50 Resp: 52552

Ion Ratio Lower Upper

50 100

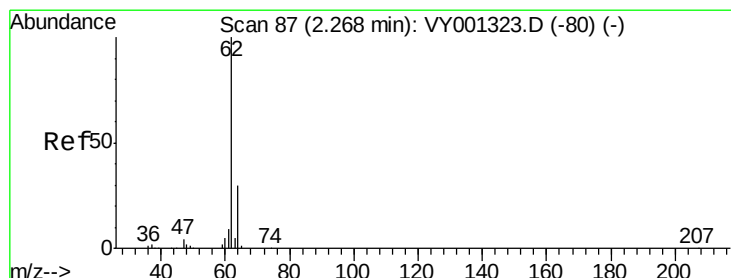
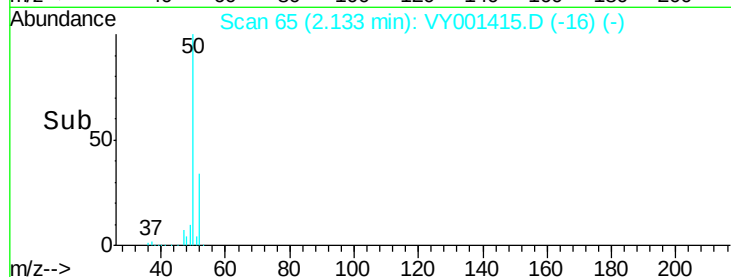
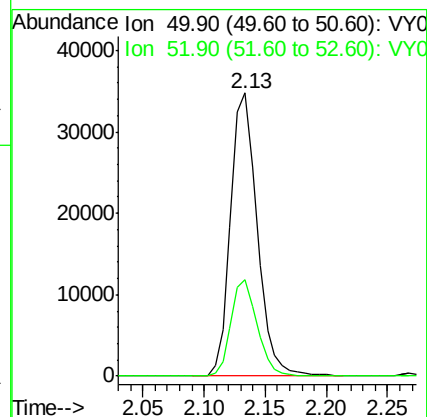
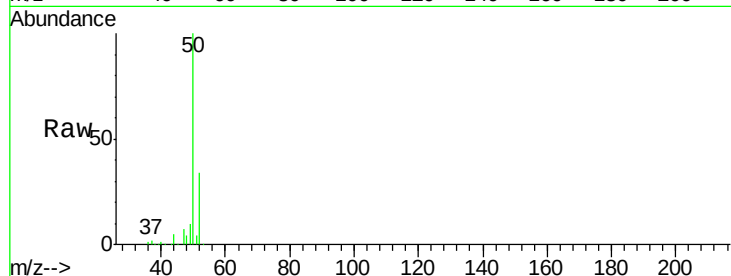
52 34.0 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

1/30/2020 10:27:25 AM



#4

Vinyl Chloride

Concen: 22.649 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001415.D

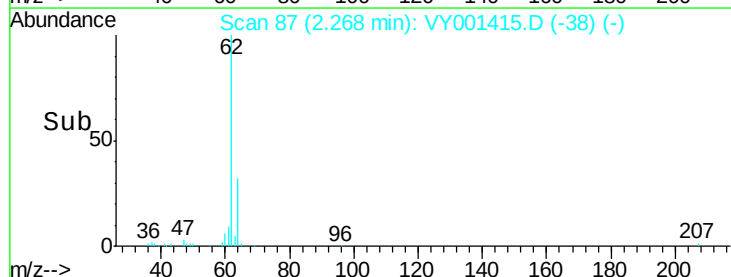
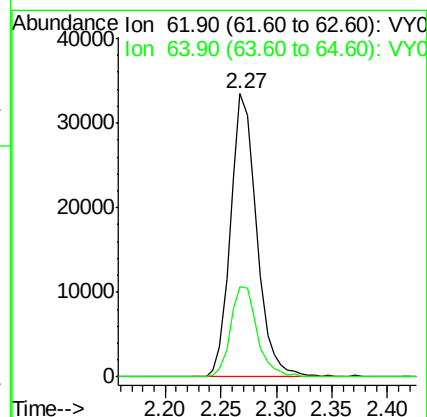
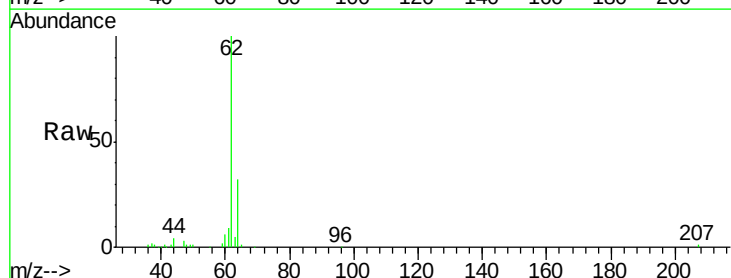
Acq: 29 Jan 2020 11:58

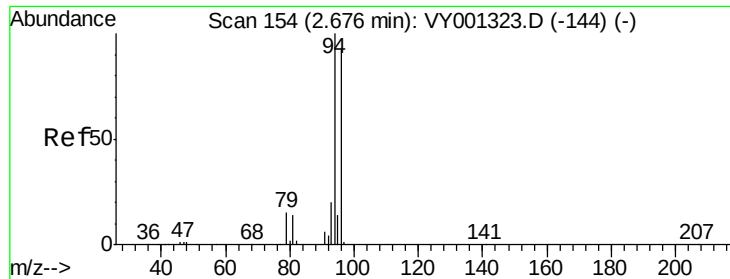
Tgt Ion: 62 Resp: 54490

Ion Ratio Lower Upper

62 100

64 31.7 23.9 35.9





#5

Bromomethane

Concen: 23.522 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA\_Y

ClientSampleId :

VY0129SBS01

Tot Ion: 94 Resp: 38113

Ion Ratio Lower Upper

94 100

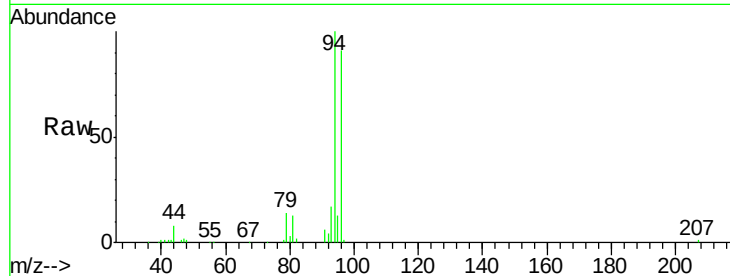
96 91.0 74.6 111.8

Manual Integrations

APPROVED

MMDadoda

1/30/2020 10:27:25 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

15000

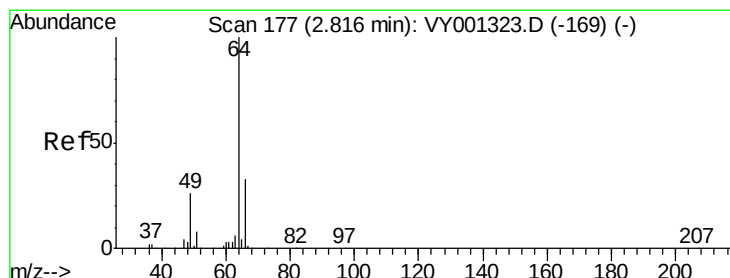
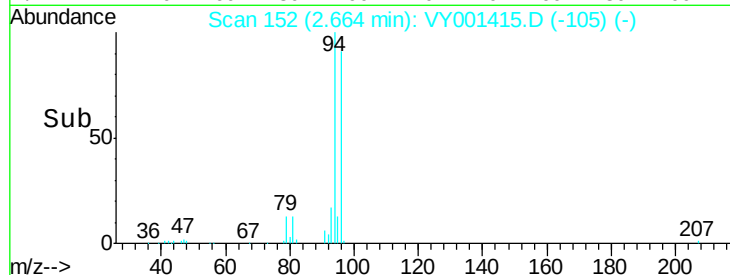
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5000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 22.864 ug/l

RT: 2.82 min Scan# 177

Delta R.T. -0.00 min

Lab File: VY001415.D

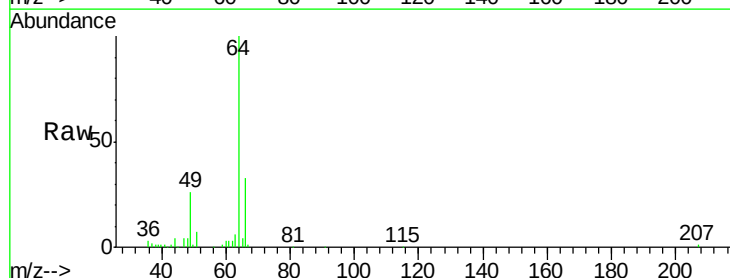
Acq: 29 Jan 2020 11:58

Tgt Ion: 64 Resp: 35149

Ion Ratio Lower Upper

64 100

66 32.8 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.82

15000

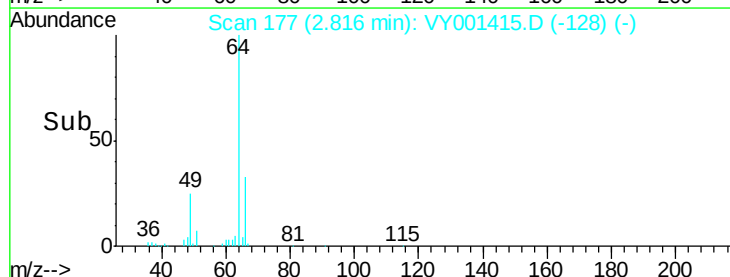
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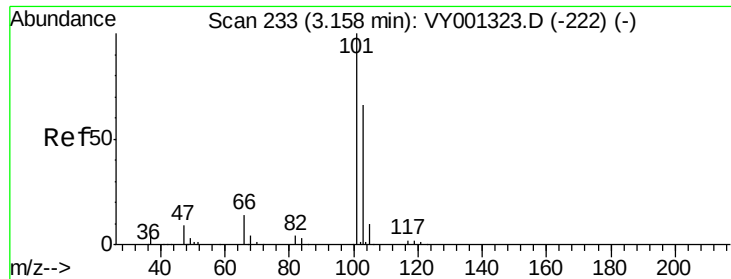
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0

Time-->

2.70 2.80 2.90





#7

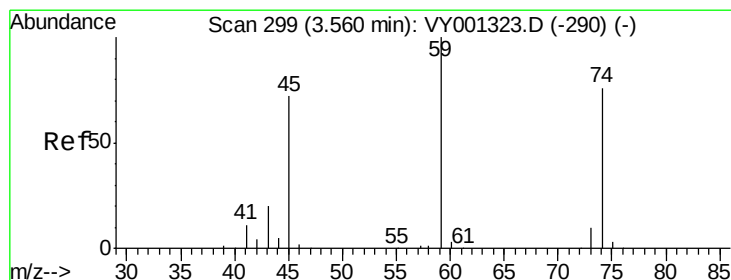
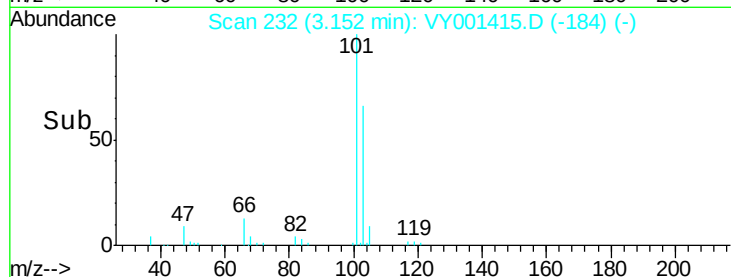
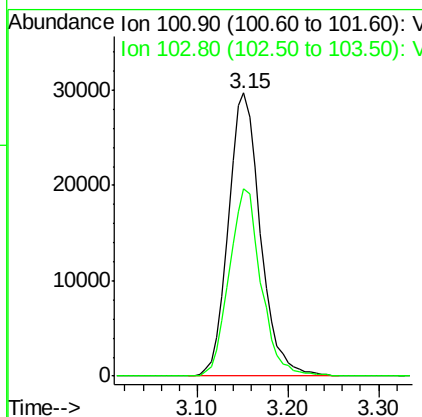
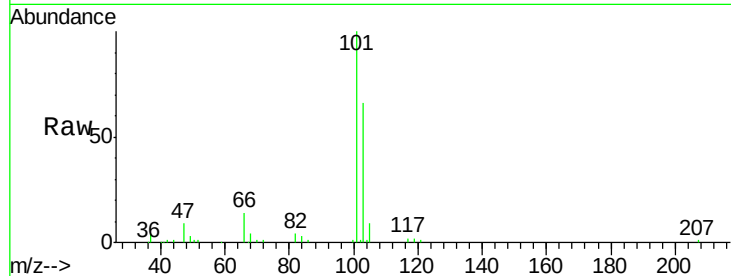
Trichlorofluoromethane  
Concen: 23.666 ug/l  
RT: 3.15 min Scan# 232  
Delta R.T. -0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.0  | 52.5  | 78.7  |

Manual Integrations  
APPROVED

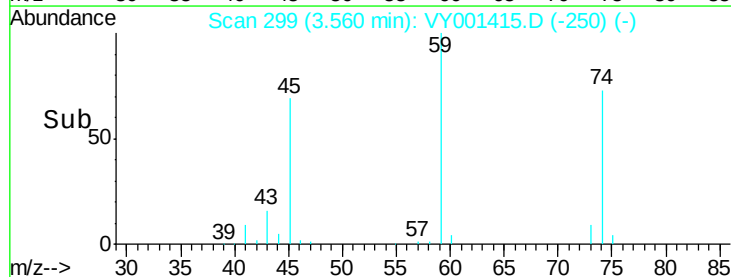
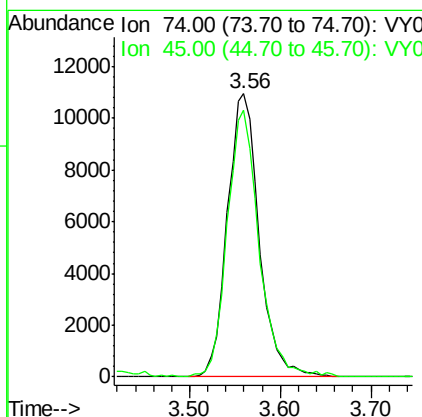
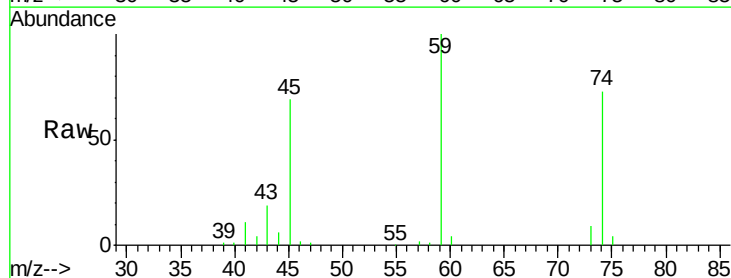
MMDadoda  
1/30/2020 10:27:25 AM



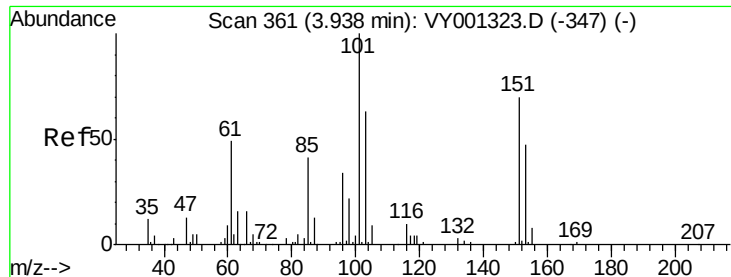
#8

Diethyl Ether  
Concen: 20.434 ug/l  
RT: 3.56 min Scan# 299  
Delta R.T. -0.00 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.7  | 47.2  | 141.6 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.342 ug/l

RT: 3.93 min Scan# 360

Delta R.T. -0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA\_Y

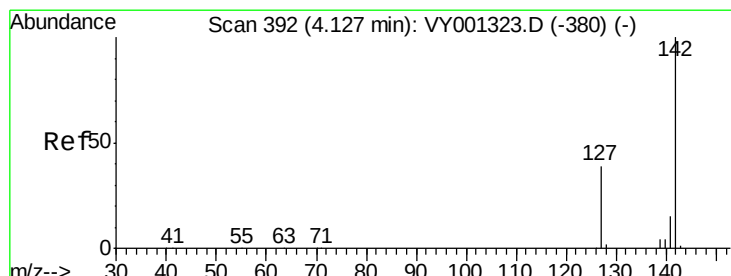
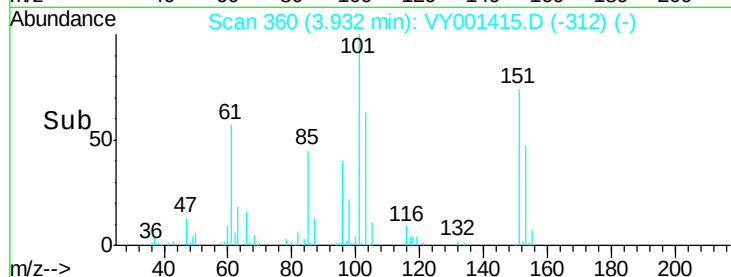
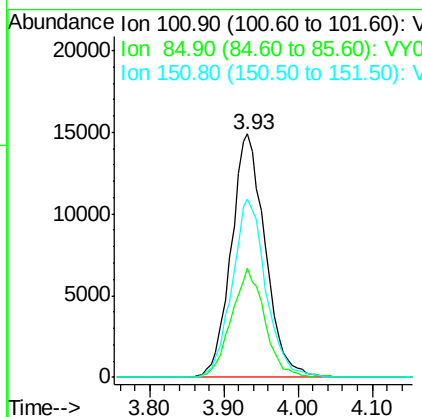
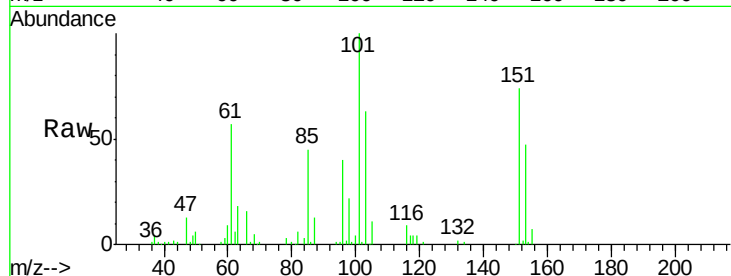
ClientSampleId :

VY0129SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 47717 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.6  | 34.9  | 52.3  |
| 151       | 72.6  | 59.9  | 89.9  |

Manual Integrations  
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1/30/2020 10:27:25 AM



#10

Methyl Iodide

Concen: 20.375 ug/l

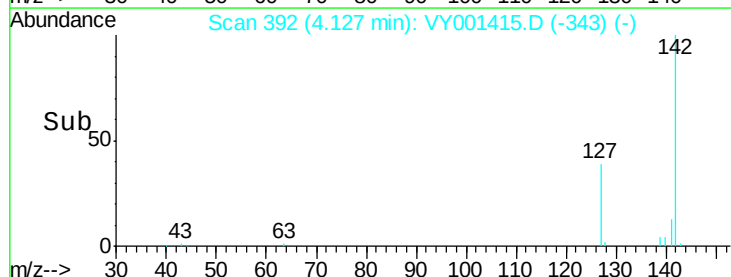
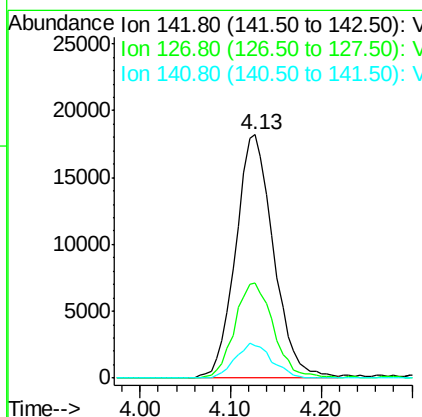
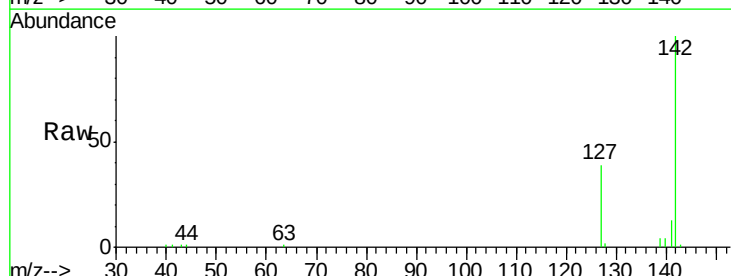
RT: 4.13 min Scan# 392

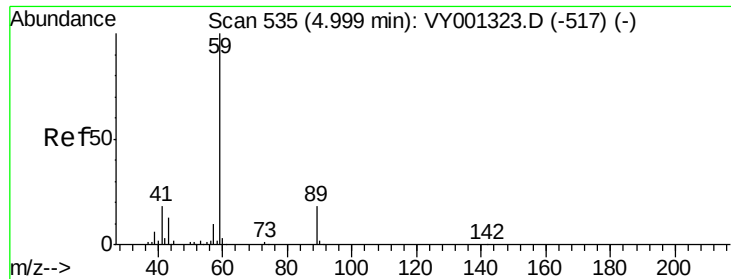
Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 52678 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 39.9  | 31.6  | 47.4  |
| 141       | 13.7  | 11.2  | 16.8  |





#11

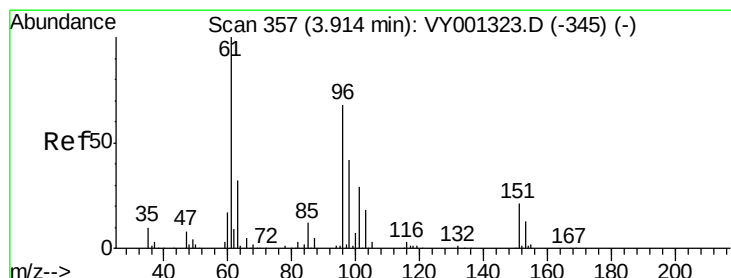
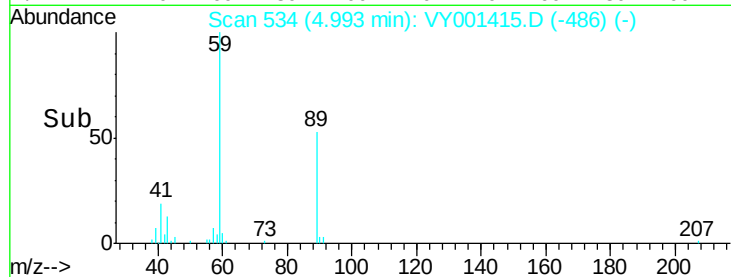
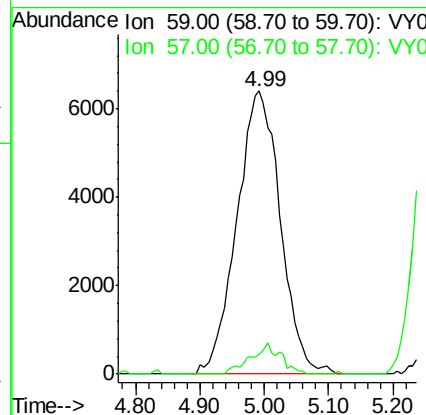
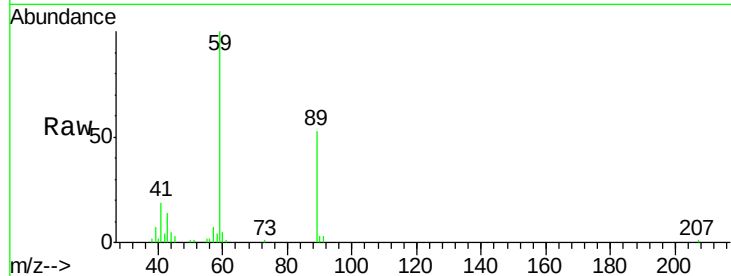
Tert butyl alcohol  
 Concen: 101.628 ug/l  
 RT: 4.99 min Scan# 534  
 Delta R.T. -0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 7.4   | 7.4   | 11.2  |

Manual Integrations  
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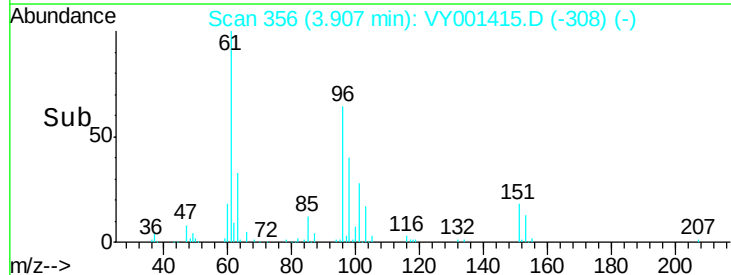
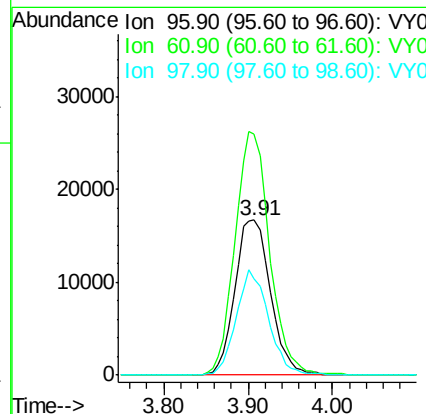
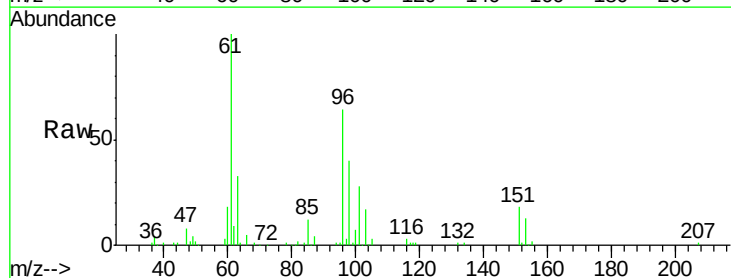
MMDadoda  
 1/30/2020 10:27:25 AM

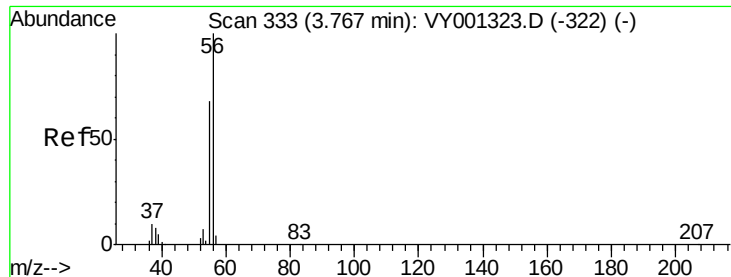


#12

1,1-Dichloroethene  
 Concen: 23.296 ug/l  
 RT: 3.91 min Scan# 356  
 Delta R.T. -0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 155.5 | 118.0 | 177.0 |
| 98      | 62.2  | 49.4  | 74.2  |





#13

Acrolein

Concen: 99.695 ug/l

RT: 3.76 min Scan# 332

Delta R.T. -0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA\_Y

ClientSampleId :

VY0129SBS01

Tot Ion: 56 Resp: 16789

Ion Ratio Lower Upper

56 100

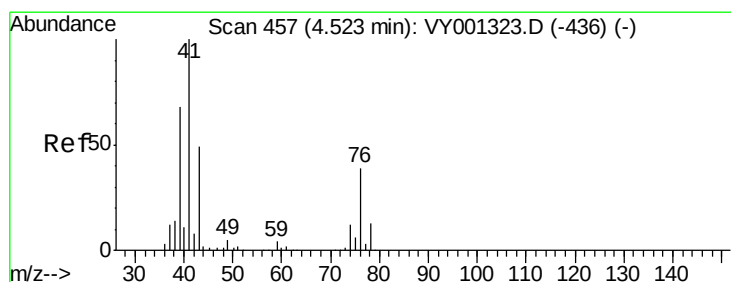
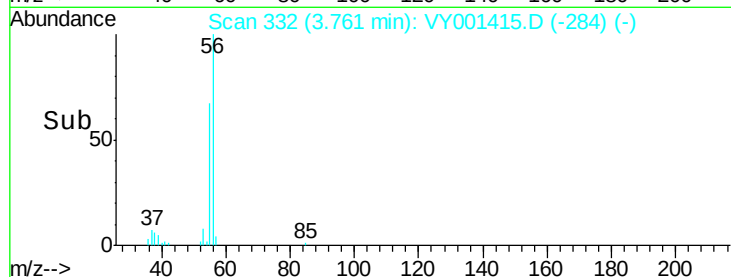
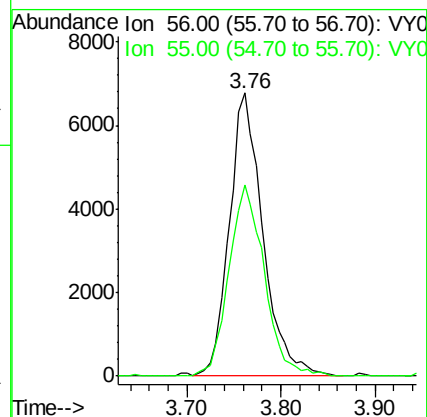
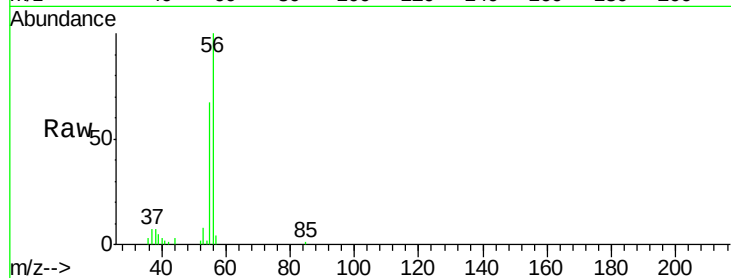
55 71.0 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 22.283 ug/l

RT: 4.52 min Scan# 456

Delta R.T. -0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

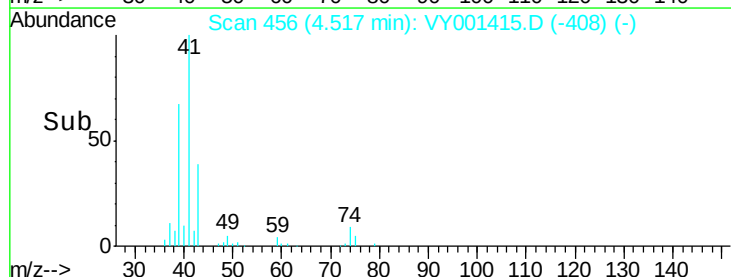
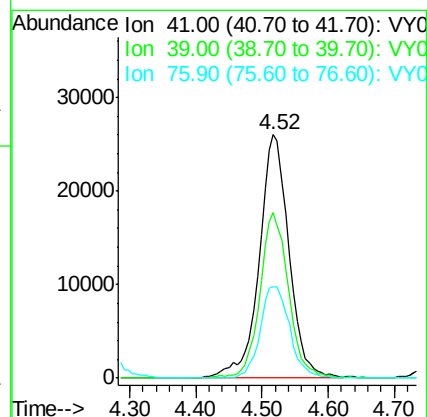
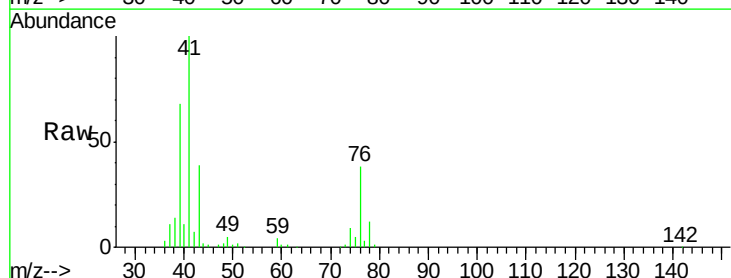
Tgt Ion: 41 Resp: 81677

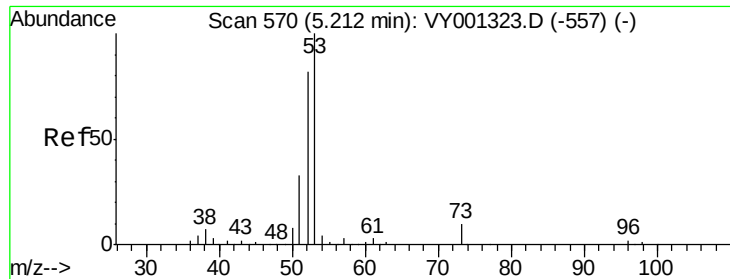
Ion Ratio Lower Upper

41 100

39 65.3 52.2 78.4

76 37.3 29.1 43.7





#15

Acrylonitrile

Concen: 96.439 ug/l

RT: 5.21 min Scan# 570

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA\_Y

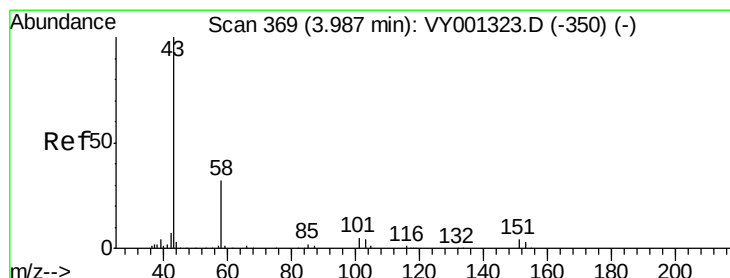
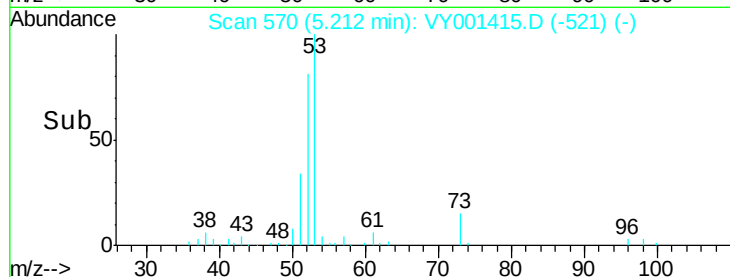
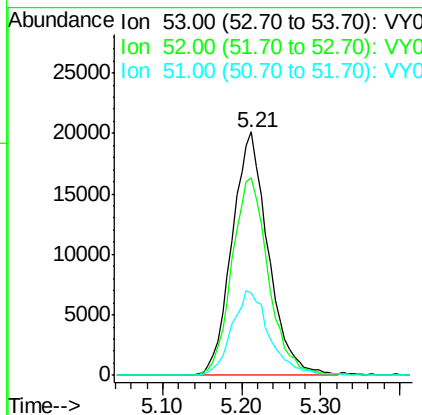
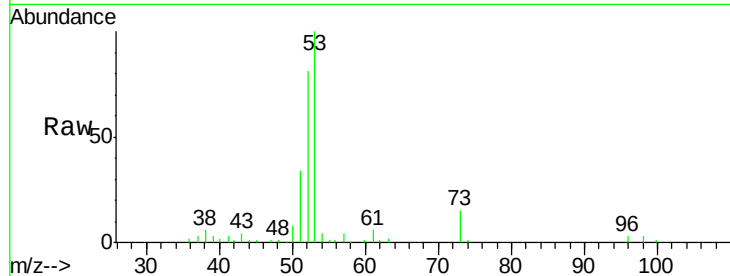
ClientSampleId :

VY0129SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 64146 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 81.8  | 65.3  | 97.9  |
| 51       | 36.1  | 28.4  | 42.6  |

Manual Integrations  
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#16

Acetone

Concen: 94.791 ug/l

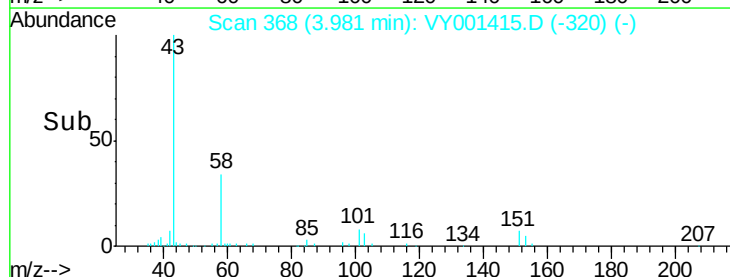
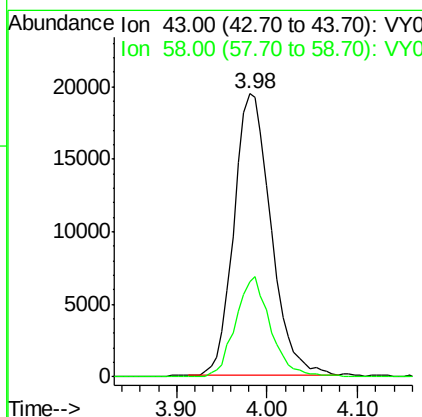
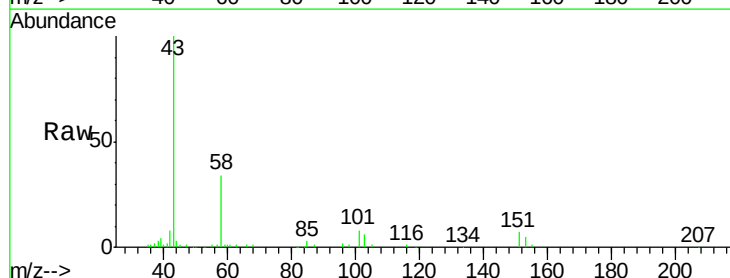
RT: 3.98 min Scan# 368

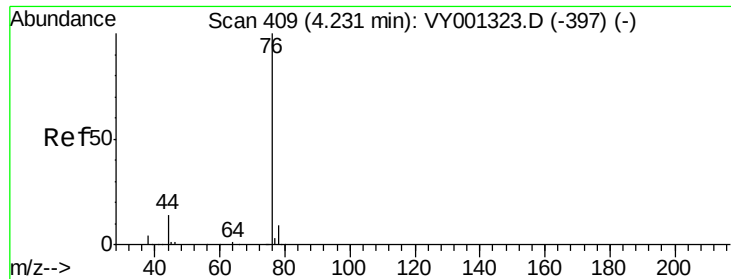
Delta R.T. -0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 55211 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 33.9  | 25.4  | 38.0  |





#17

Carbon Disulfide

Concen: 22.666 ug/l

RT: 4.23 min Scan# 409

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA\_Y

ClientSampleId :

VY0129SBS01

Tot Ion: 76 Resp: 146517

Ion Ratio Lower Upper

76 100

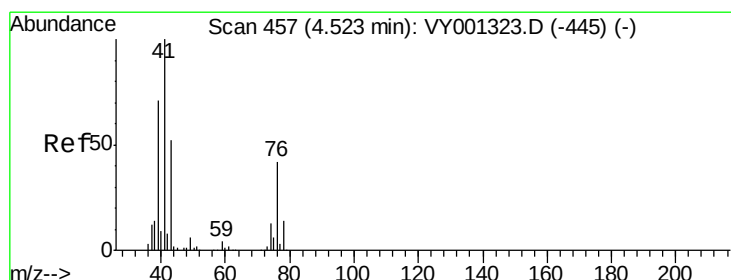
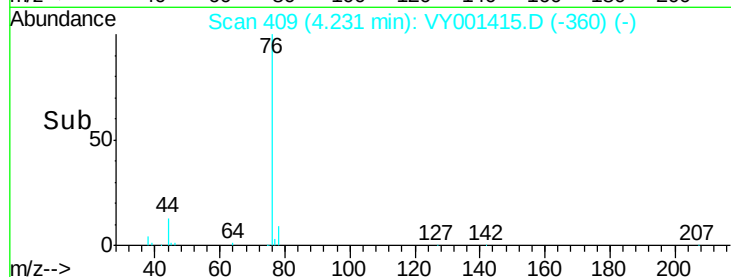
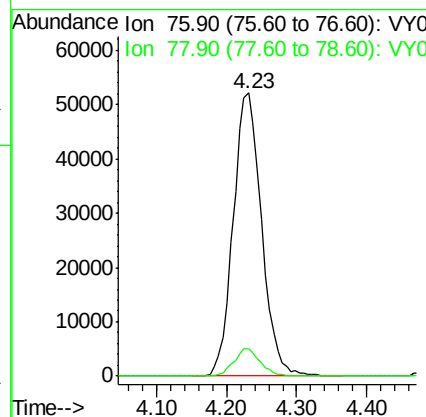
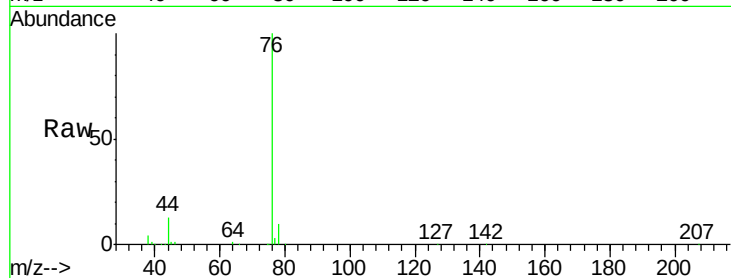
78 9.9 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 18.511 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.01 min

Lab File: VY001415.D

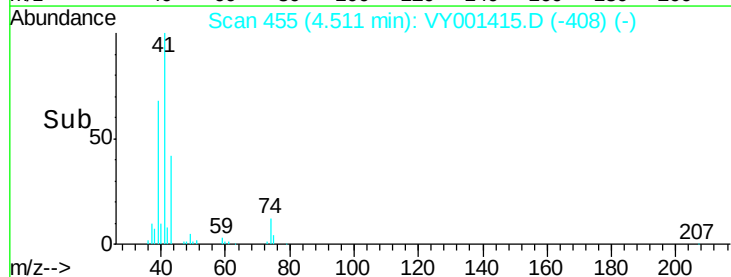
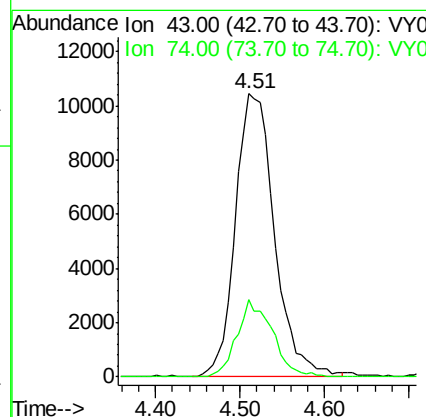
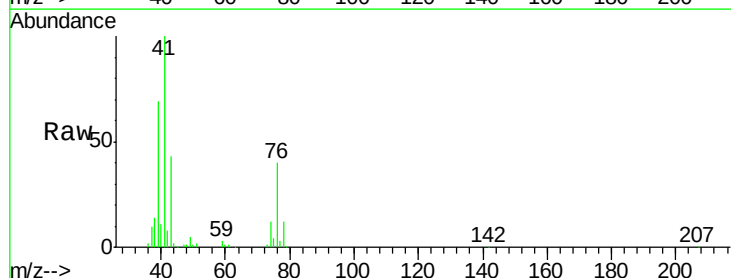
Acq: 29 Jan 2020 11:58

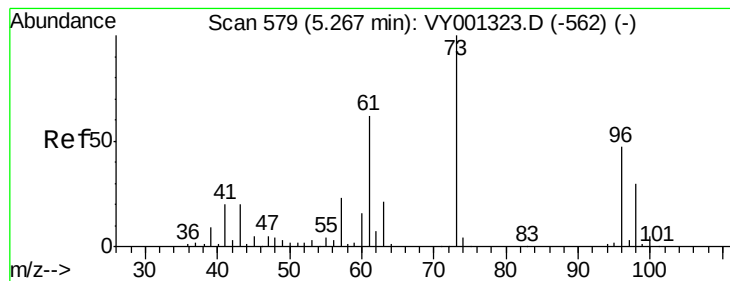
Tgt Ion: 43 Resp: 32882

Ion Ratio Lower Upper

43 100

74 24.7 19.4 29.2





#19

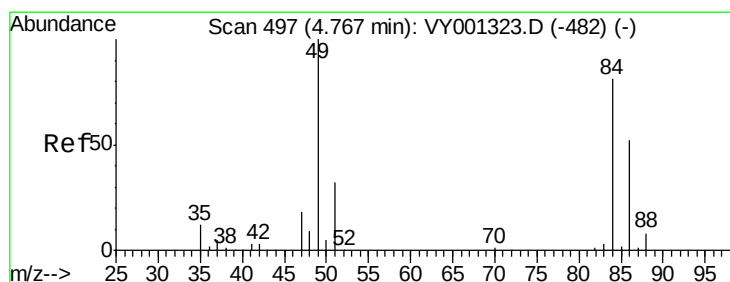
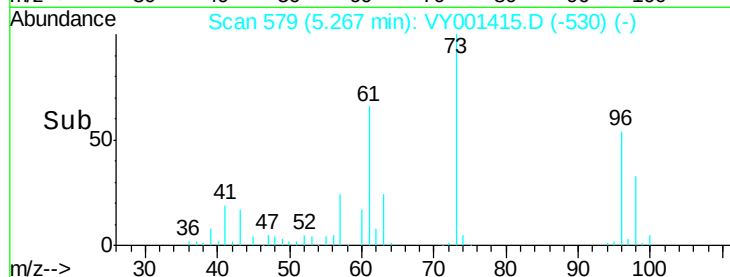
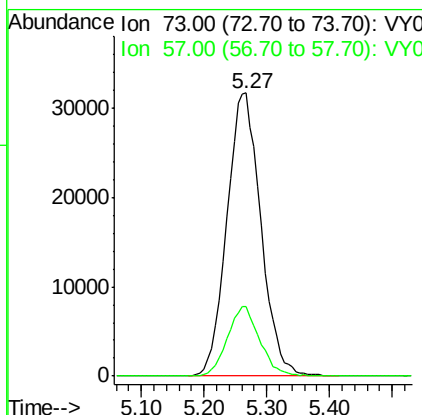
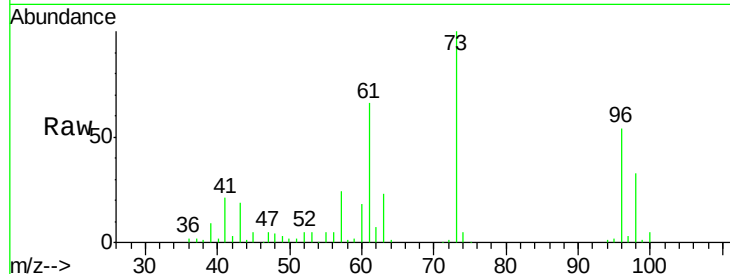
Methyl tert-butyl Ether  
 Concen: 19.751 ug/l  
 RT: 5.27 min Scan# 579  
 Delta R.T. -0.00 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0129SBS01

Tot Ion: 73 Resp: 118867  
 Ion Ratio Lower Upper  
 73 100  
 57 24.5 18.2 27.2

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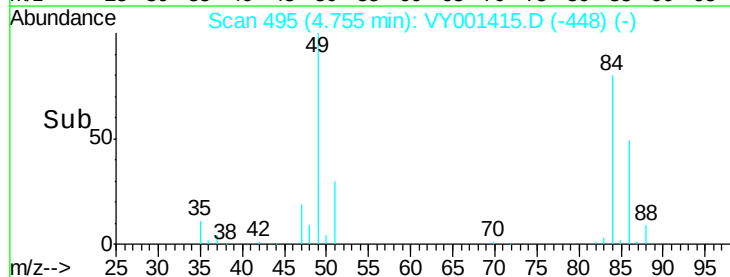
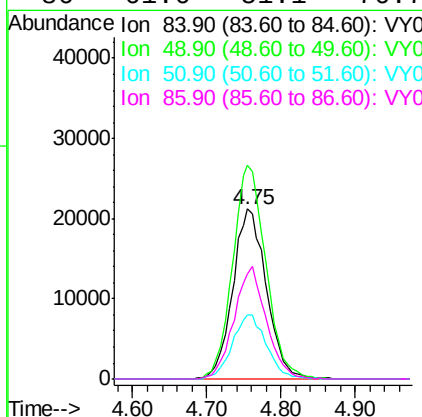
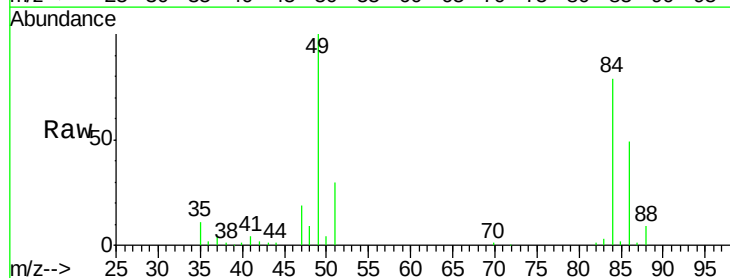
MMDadoda  
 1/30/2020 10:27:25 AM

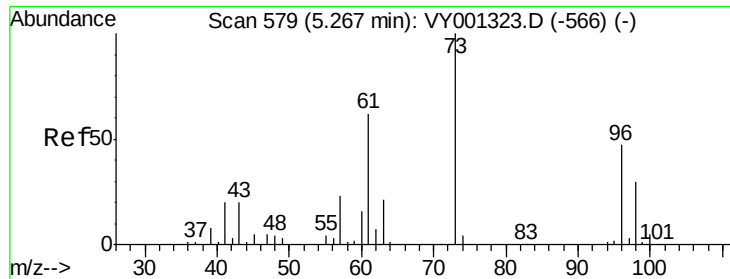


#20

Methylene Chloride  
 Concen: 23.479 ug/l  
 RT: 4.75 min Scan# 495  
 Delta R.T. -0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

Tgt Ion: 84 Resp: 66921  
 Ion Ratio Lower Upper  
 84 100  
 49 125.9 98.3 147.5  
 51 37.6 31.6 47.4  
 86 61.6 51.1 76.7





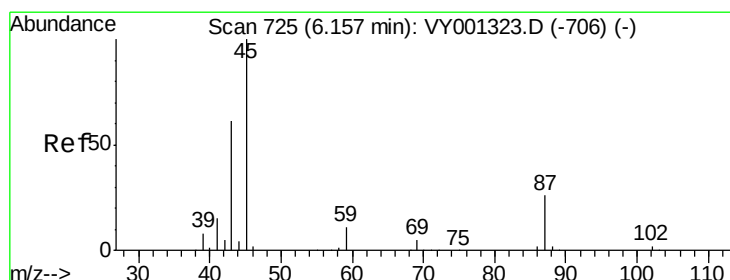
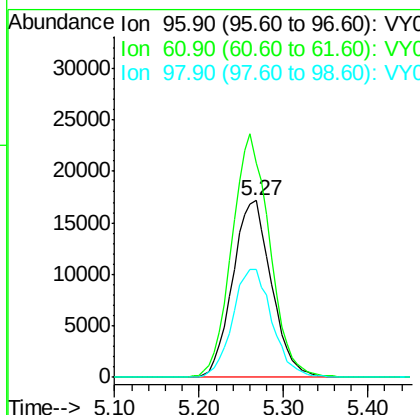
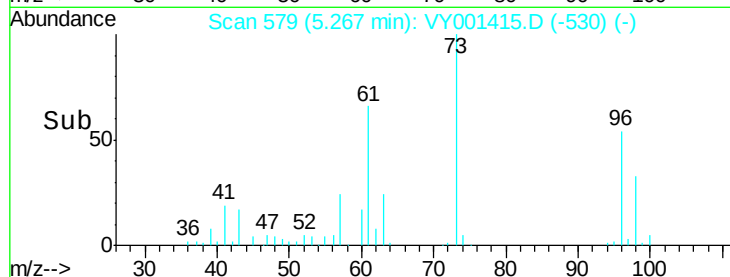
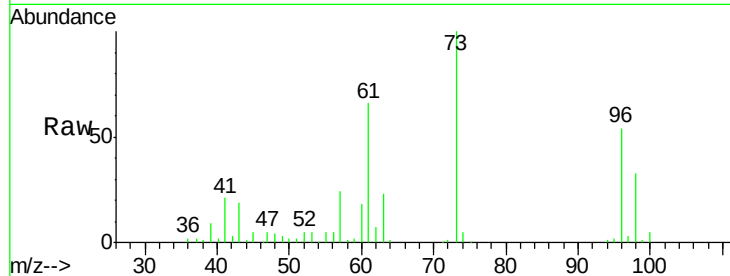
#21  
trans-1,2-Dichloroethene  
Concen: 22.409 ug/l  
RT: 5.27 min Scan# 579  
Delta R.T. -0.00 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 121.2 | 106.8 | 160.2 |
| 98      | 61.5  | 51.0  | 76.6  |

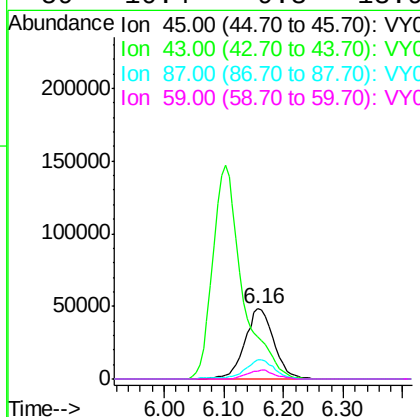
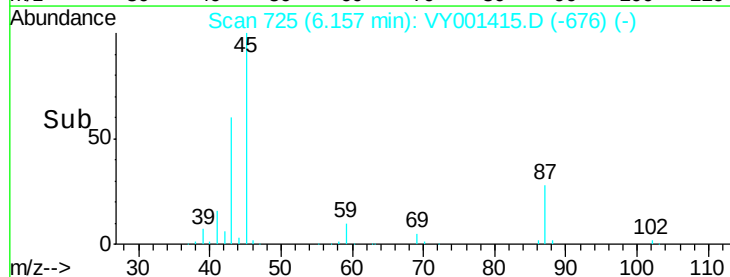
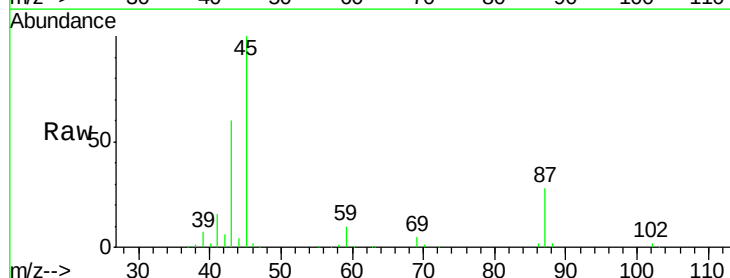
Manual Integrations  
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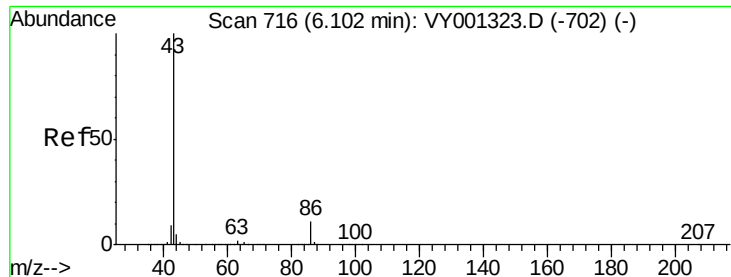
MMDadoda  
1/30/2020 10:27:25 AM



#22  
Diisopropyl ether  
Concen: 20.875 ug/l  
RT: 6.16 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 59.3  | 49.2  | 73.8  |
| 87      | 28.1  | 21.4  | 32.2  |
| 59      | 10.4  | 9.3   | 13.9  |





#23

Vinyl Acetate

Concen: 99.861 ug/l

RT: 6.10 min Scan# 716

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA\_Y

ClientSampleId :

VY0129SBS01

Tot Ion: 43 Resp: 504600

Ion Ratio Lower Upper

43 100

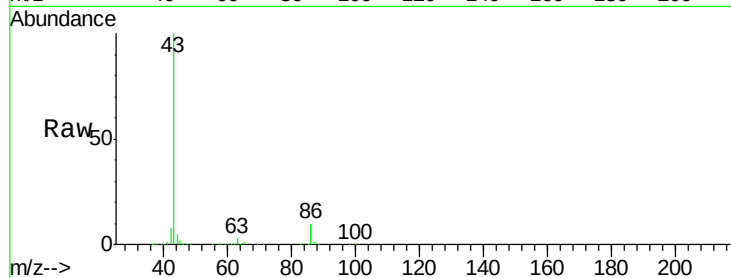
86 10.1 8.6 13.0

Manual Integrations

APPROVED

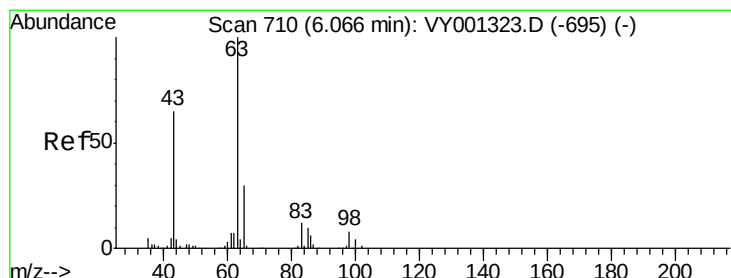
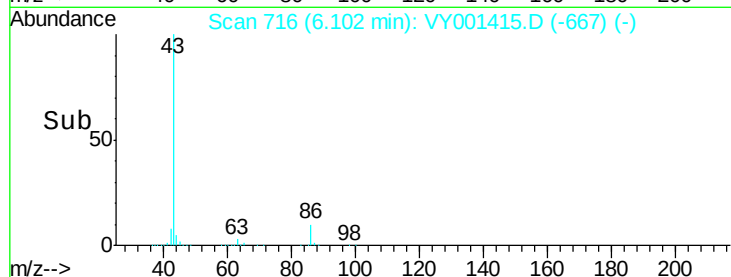
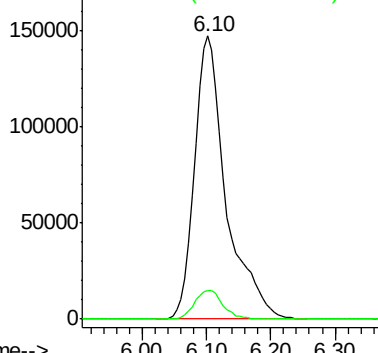
MMDadoda

1/30/2020 10:27:25 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.230 ug/l

RT: 6.06 min Scan# 709

Delta R.T. -0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

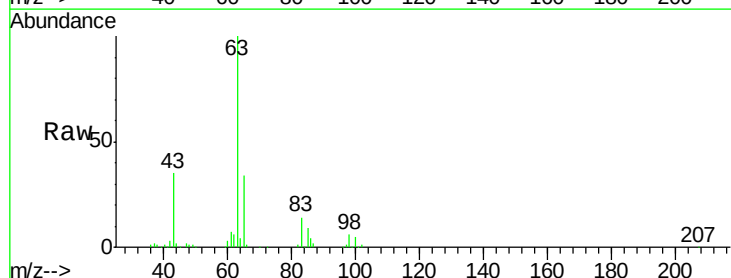
Tgt Ion: 63 Resp: 91202

Ion Ratio Lower Upper

63 100

98 6.5 4.0 12.0

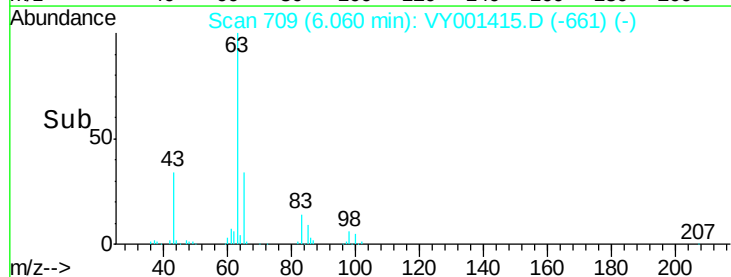
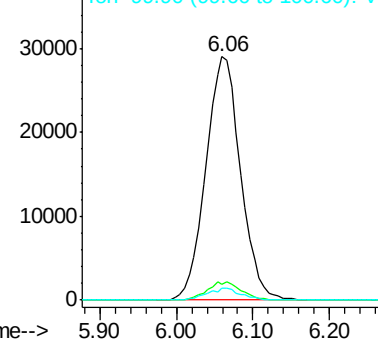
100 4.8 2.1 6.3



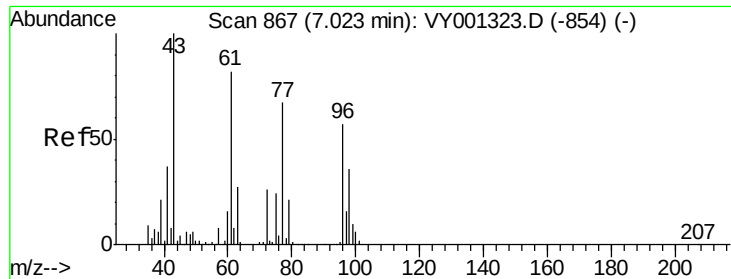
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0







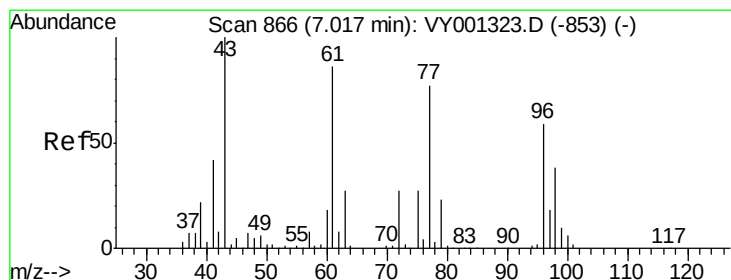
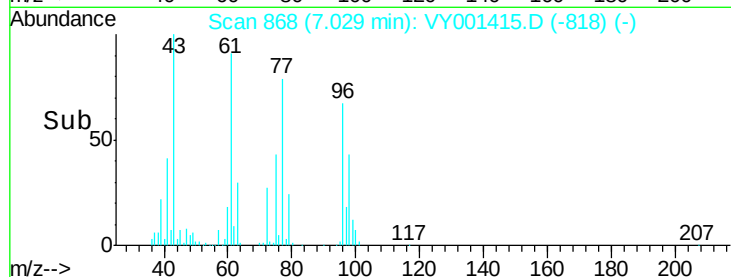
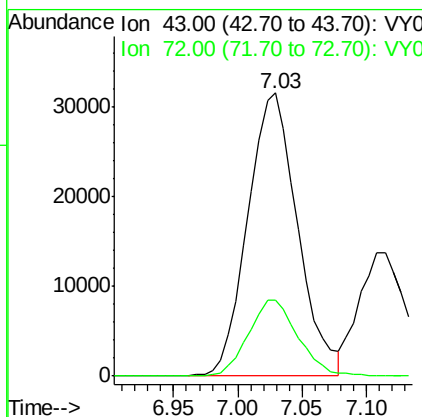
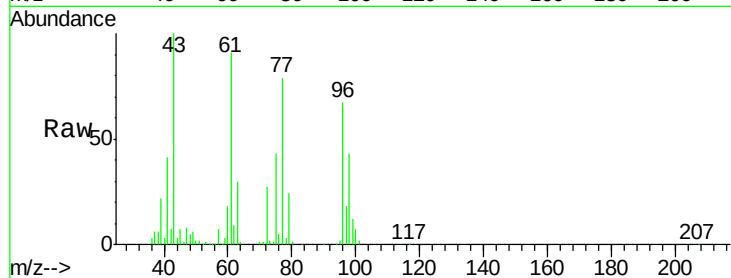
#25  
2-Butanone  
Concen: 92.422 ug/l  
RT: 7.03 min Scan# 868  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

Tot Ion: 43 Resp: 84737  
Ion Ratio Lower Upper  
43 100  
72 26.8 20.6 31.0

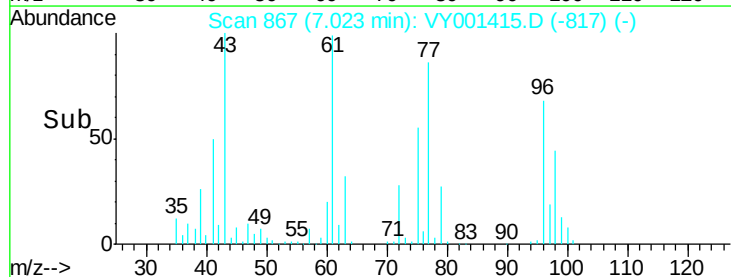
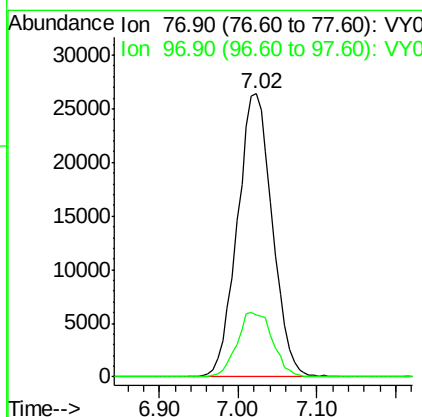
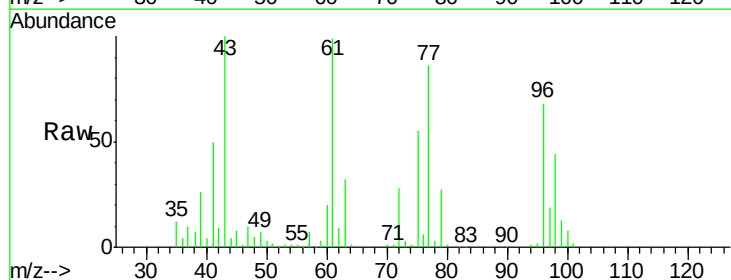
Manual Integrations  
APPROVED

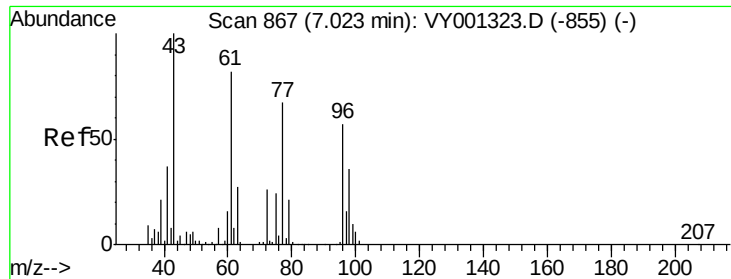
MMDadoda  
1/30/2020 10:27:25 AM



#26  
2,2-Dichloropropane  
Concen: 22.220 ug/l  
RT: 7.02 min Scan# 867  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Tgt Ion: 77 Resp: 81202  
Ion Ratio Lower Upper  
77 100  
97 23.2 11.9 35.5





#27

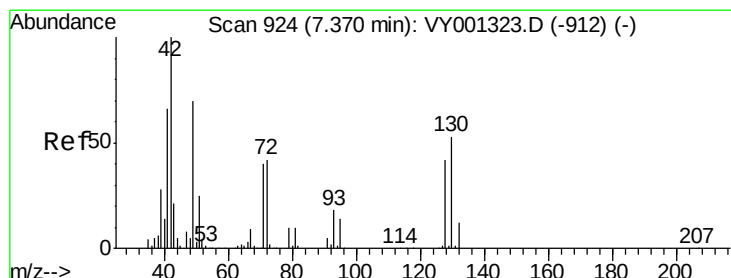
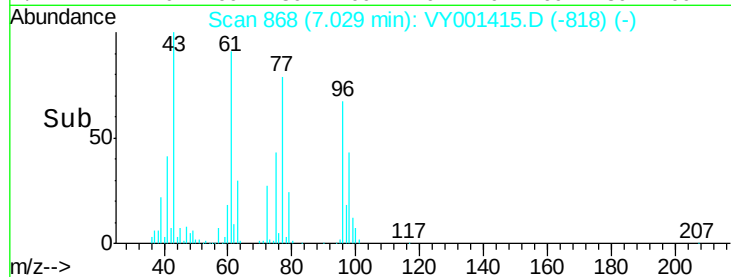
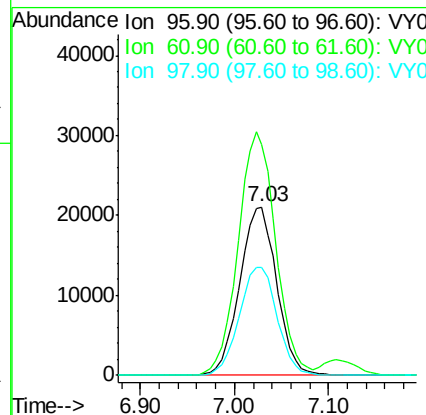
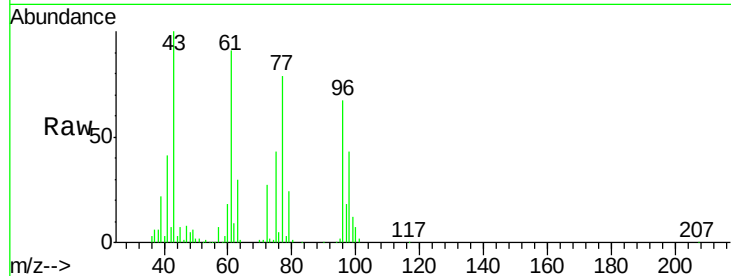
cis-1,2-Dichloroethene  
Concen: 21.617 ug/l  
RT: 7.03 min Scan# 868  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 146.4 | 0.0   | 284.8 |
| 98      | 65.5  | 0.0   | 128.4 |

Manual Integrations  
APPROVED

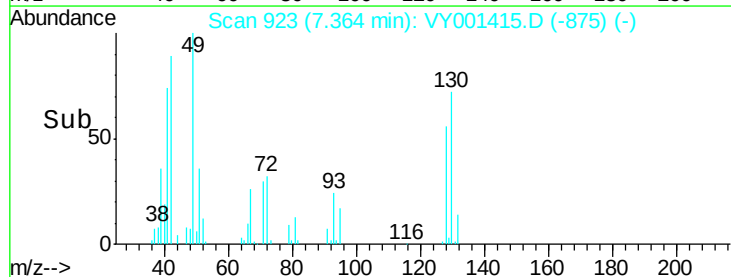
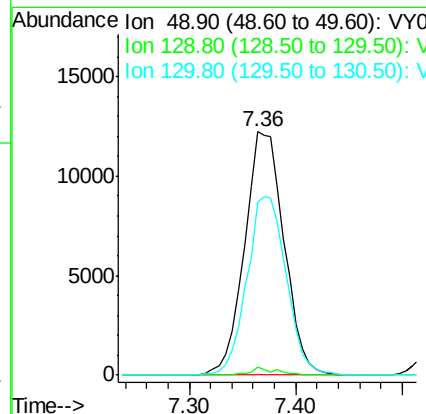
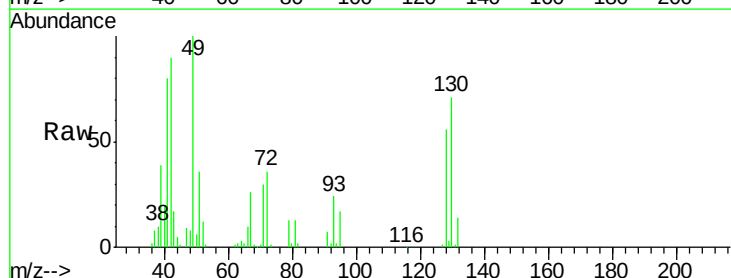
MMDadoda  
1/30/2020 10:27:25 AM

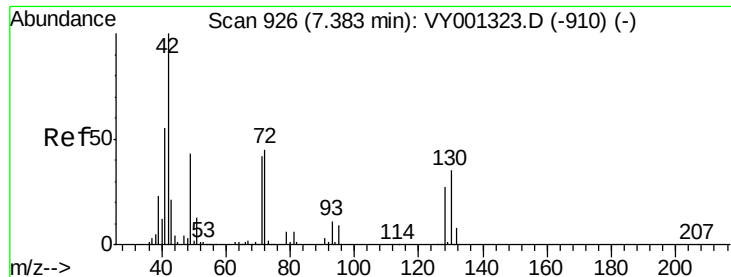


#28

Bromochloromethane  
Concen: 18.817 ug/l  
RT: 7.36 min Scan# 923  
Delta R.T. -0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.1   | 0.0   | 4.0   |
| 130     | 73.1  | 58.9  | 88.3  |





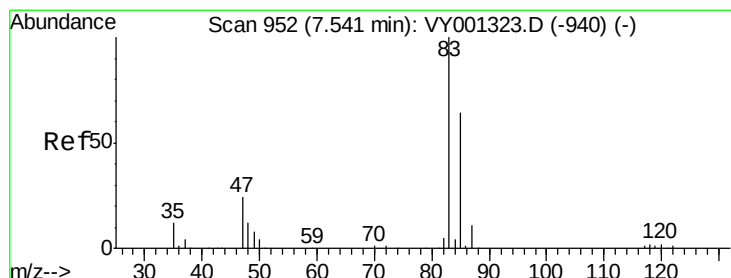
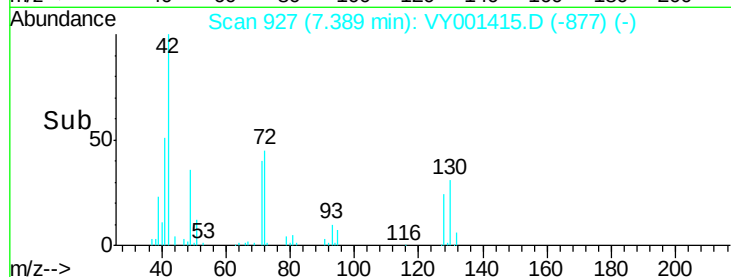
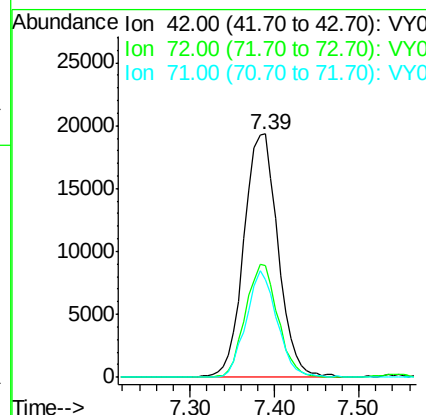
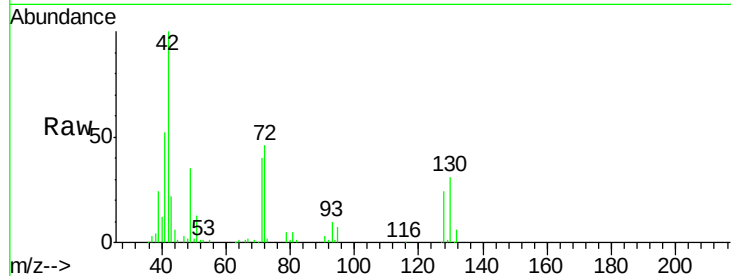
#29  
Tetrahydrofuran  
Concen: 88.949 ug/l  
RT: 7.39 min Scan# 927  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.1  | 34.6  | 51.8  |
| 71      | 39.5  | 32.6  | 48.8  |

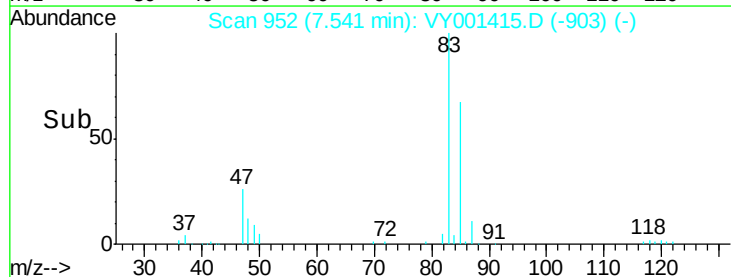
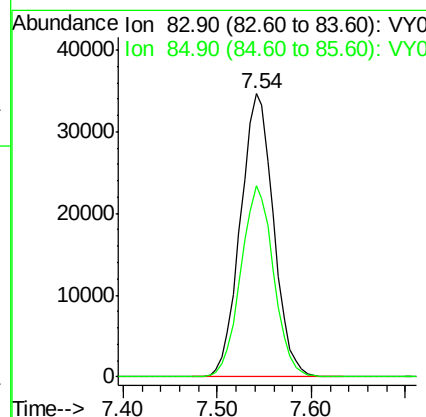
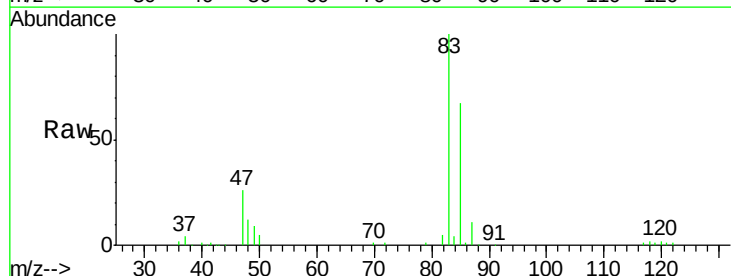
Manual Integrations  
APPROVED

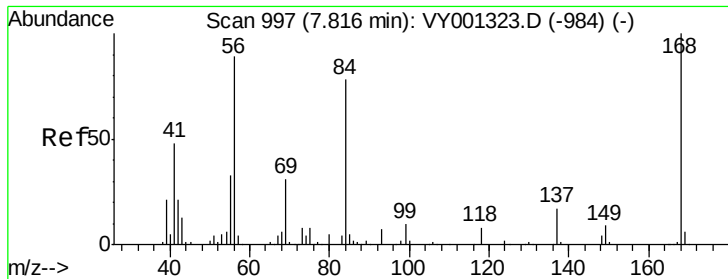
MMDadoda  
1/30/2020 10:27:25 AM



#30  
Chloroform  
Concen: 21.160 ug/l  
RT: 7.54 min Scan# 952  
Delta R.T. -0.00 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 67.4  | 51.5  | 77.3  |





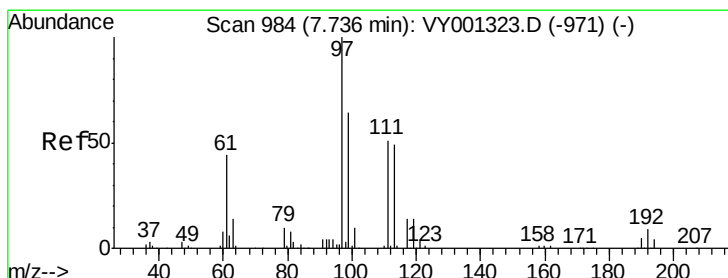
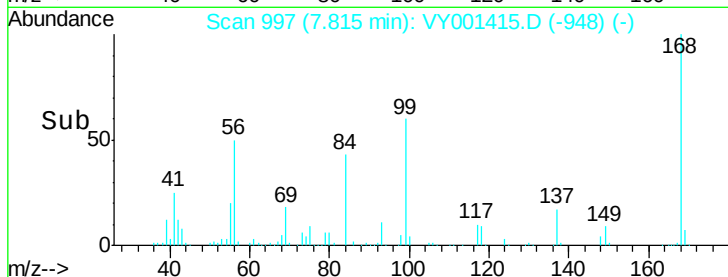
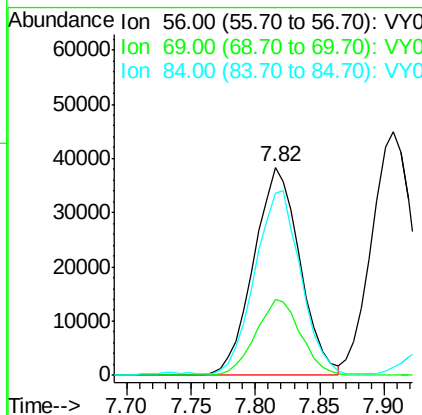
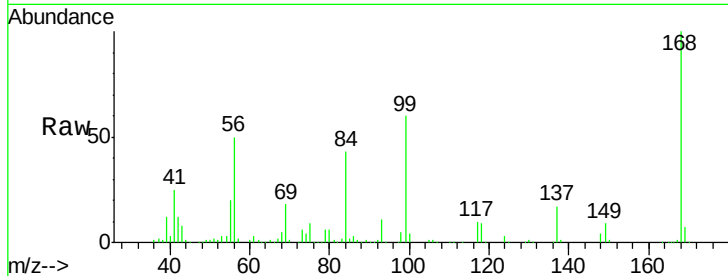
#31  
Cyclohexane  
Concen: 23.395 ug/l  
RT: 7.82 min Scan# 997  
Delta R.T. -0.00 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 36.7  | 27.6  | 41.4  |
| 84      | 86.3  | 69.7  | 104.5 |

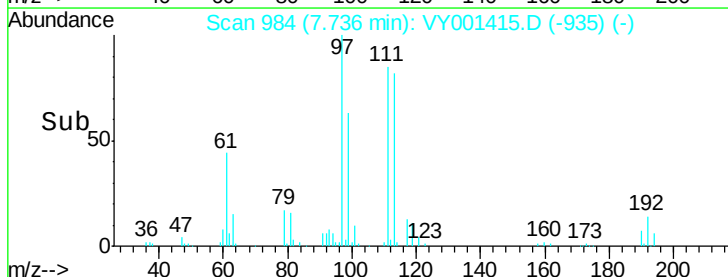
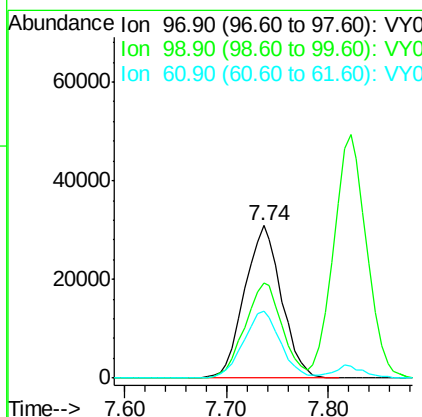
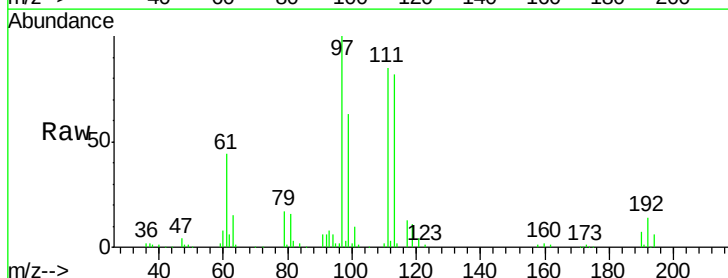
Manual Integrations  
APPROVED

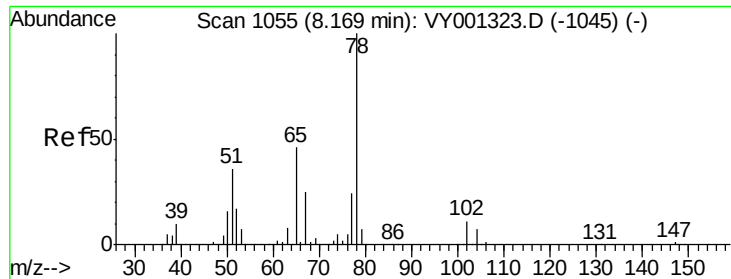
MMDadoda  
1/30/2020 10:27:25 AM



#32  
1,1,1-Trichloroethane  
Concen: 22.805 ug/l  
RT: 7.74 min Scan# 984  
Delta R.T. -0.00 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.6  | 51.3  | 76.9  |
| 61      | 44.2  | 35.9  | 53.9  |





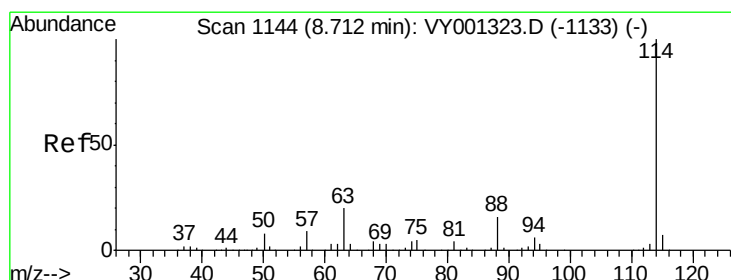
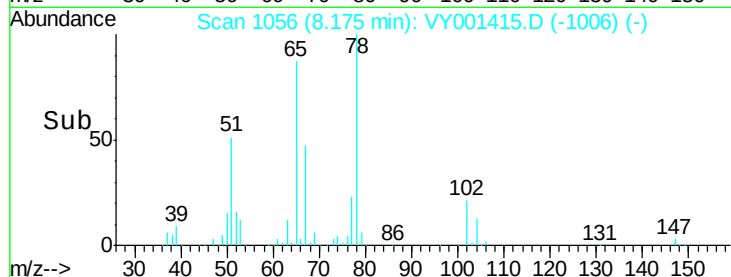
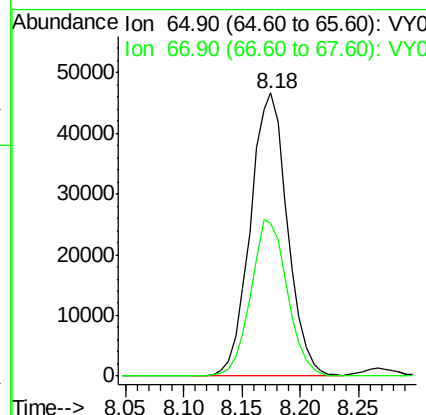
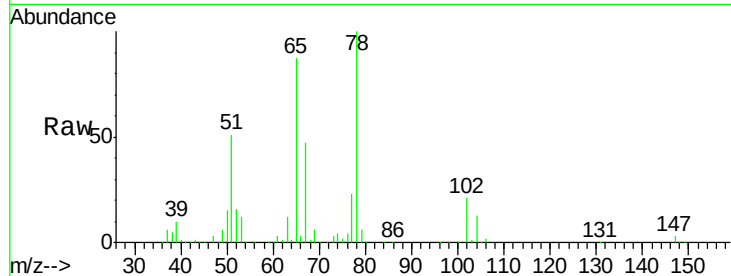
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.107 ug/l  
 RT: 8.18 min Scan# 1056  
 Delta R.T. 0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 54.4  | 0.0   | 108.6 |

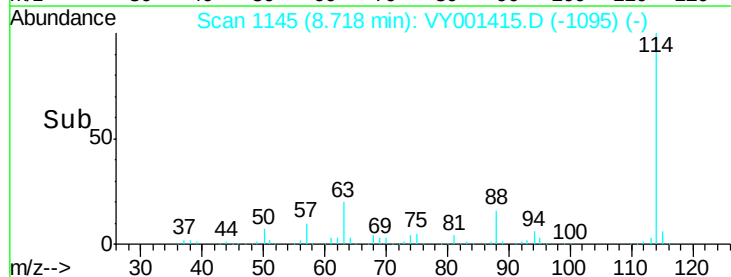
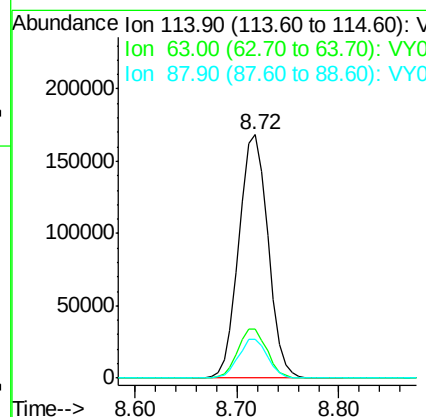
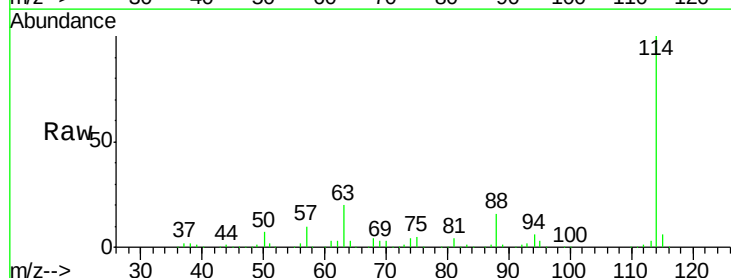
Manual Integrations  
 APPROVED

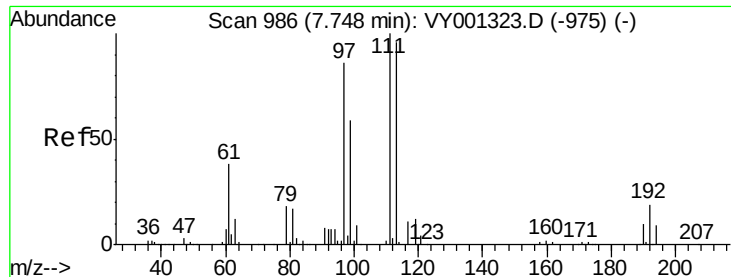
MMDadoda  
 1/30/2020 10:27:25 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.72 min Scan# 1145  
 Delta R.T. 0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 20.4  | 0.0   | 40.8  |
| 88      | 15.8  | 0.0   | 31.0  |





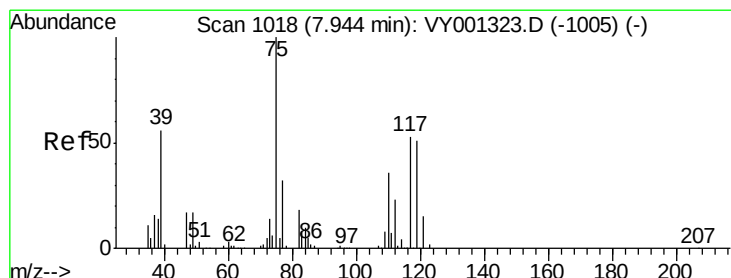
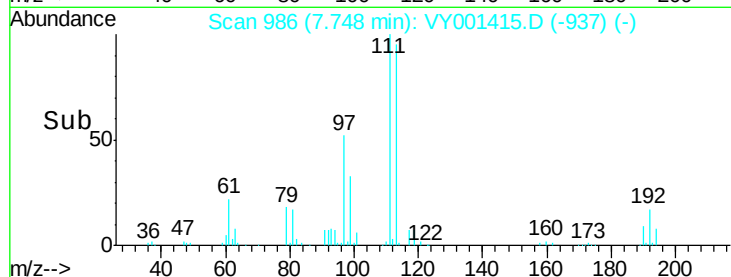
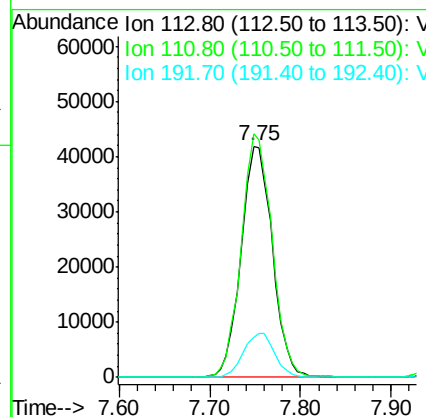
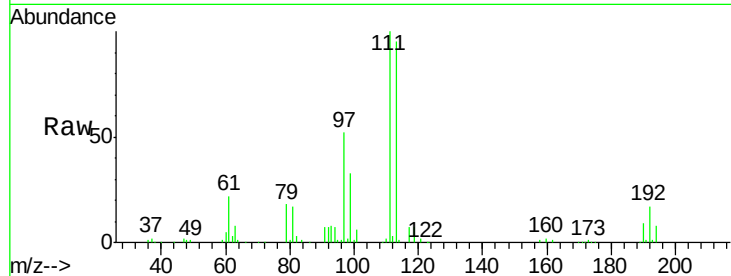
#35  
Dibromofluoromethane  
Concen: 51.260 ug/l  
RT: 7.75 min Scan# 986  
Delta R.T. -0.00 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 100459 |       |       |
| 111     | 104.0 |        | 82.8  | 124.2 |
| 192     | 19.0  |        | 15.5  | 23.3  |

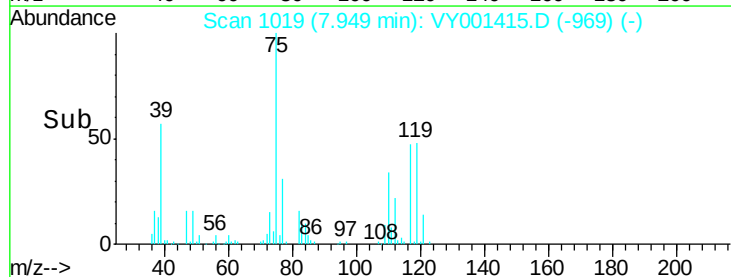
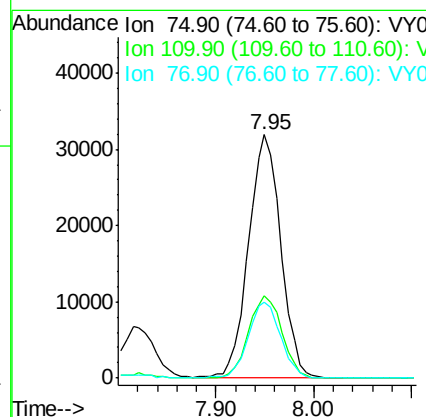
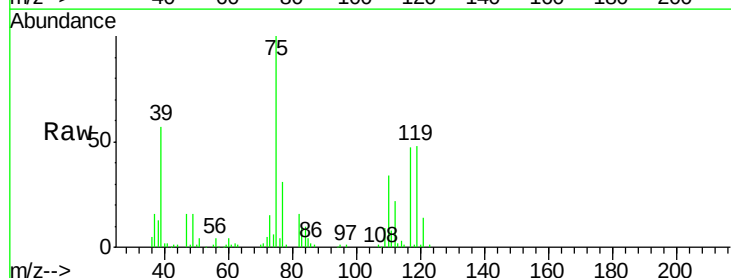
Manual Integrations  
APPROVED

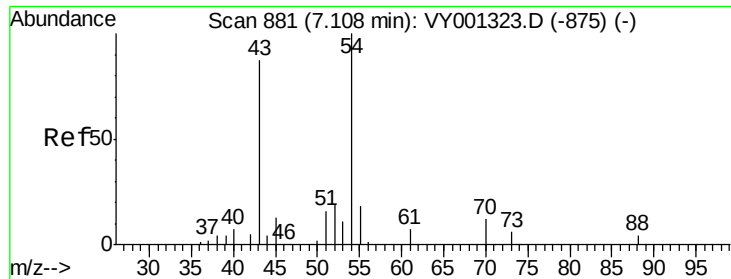
MMDadoda  
1/30/2020 10:27:25 AM



#36  
1,1-Dichloropropene  
Concen: 23.135 ug/l  
RT: 7.95 min Scan# 1019  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 72984 |       |       |
| 110     | 35.0  |       | 17.6  | 52.8  |
| 77      | 31.5  |       | 24.7  | 37.1  |





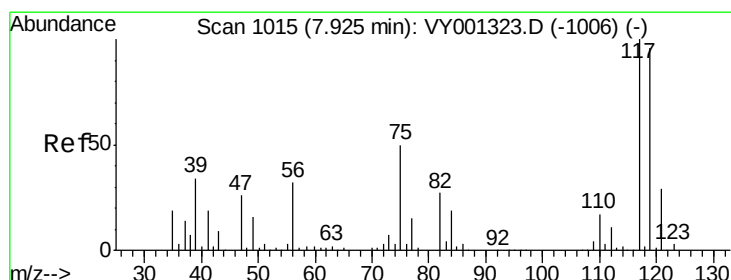
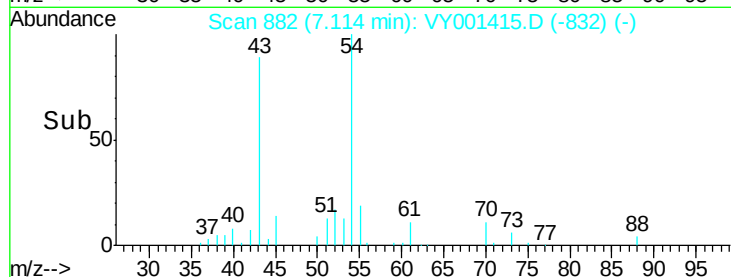
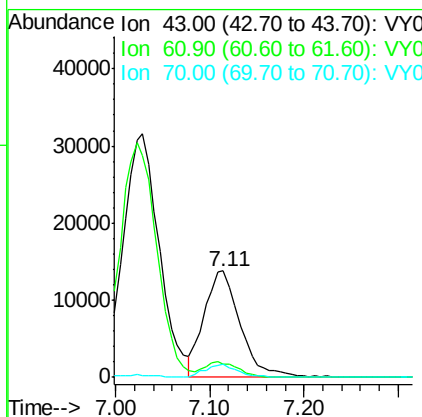
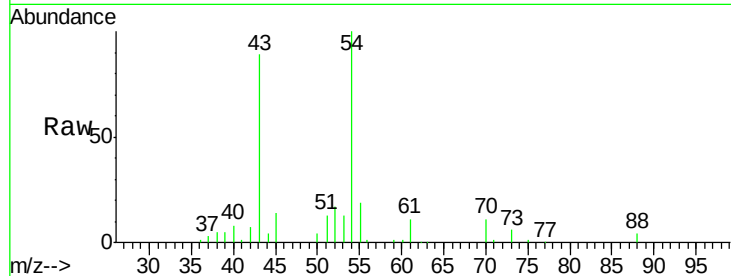
#37  
Ethyl Acetate  
Concen: 18.852 ug/l  
RT: 7.11 min Scan# 882  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.7  | 11.3  | 16.9  |
| 70      | 10.8  | 8.7   | 13.1  |

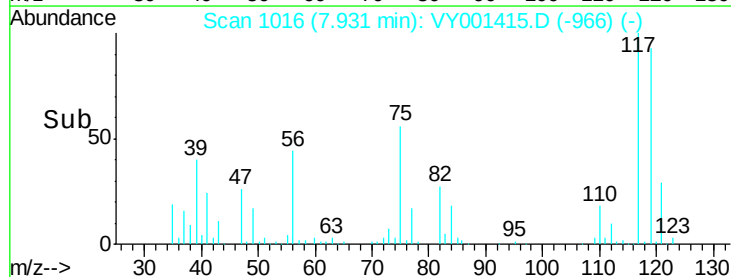
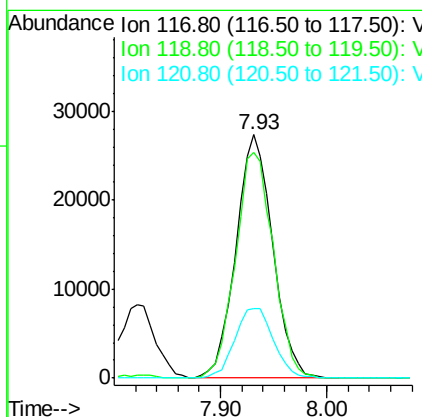
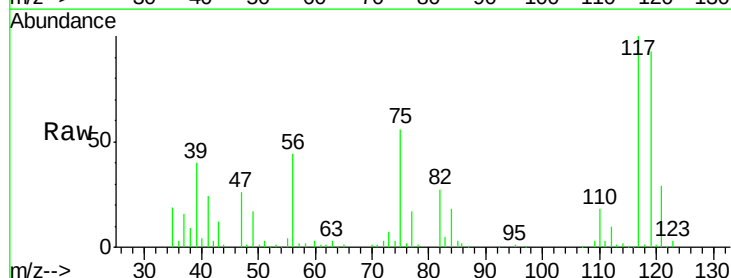
Manual Integrations  
APPROVED

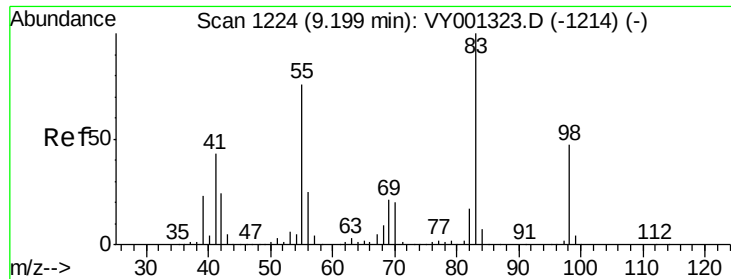
MMDadoda  
1/30/2020 10:27:25 AM



#38  
Carbon Tetrachloride  
Concen: 23.617 ug/l  
RT: 7.93 min Scan# 1016  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.8  | 76.3  | 114.5 |
| 121     | 28.7  | 23.5  | 35.3  |





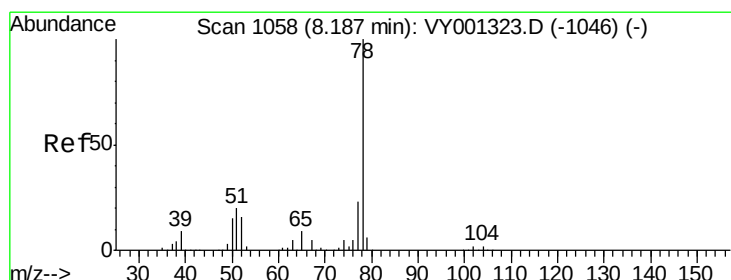
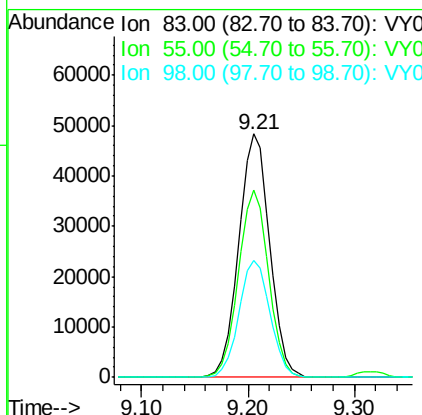
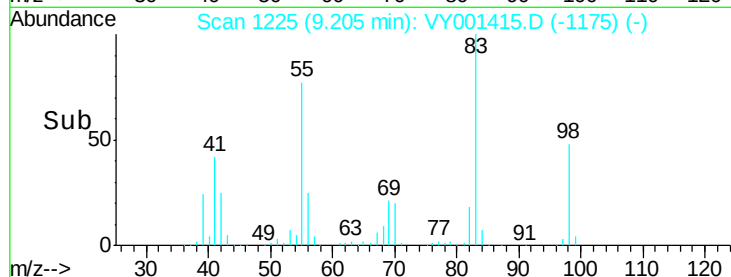
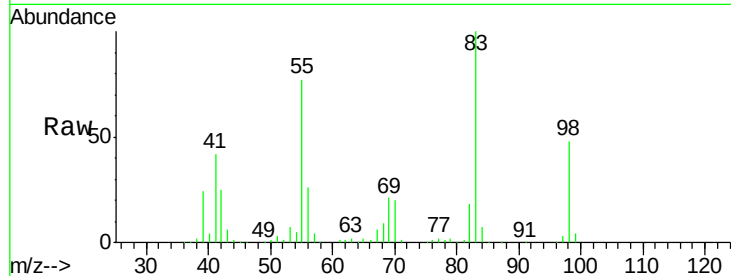
#39  
Methylvlcyclohexane  
Concen: 24.390 ug/l  
RT: 9.21 min Scan# 1225  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

| Tot Ion   | 83   | Resp  | 98568 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 55        | 76.9 | 60.7  | 91.1  |
| 98        | 48.2 | 37.8  | 56.8  |

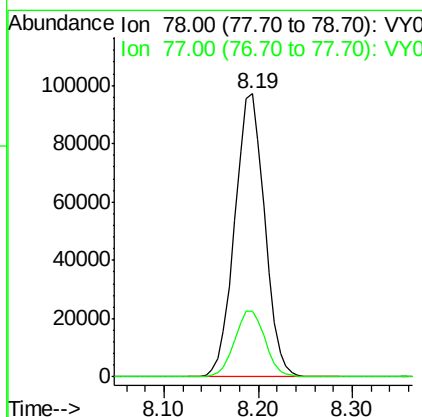
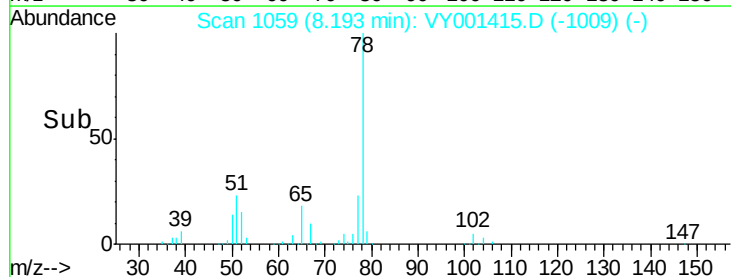
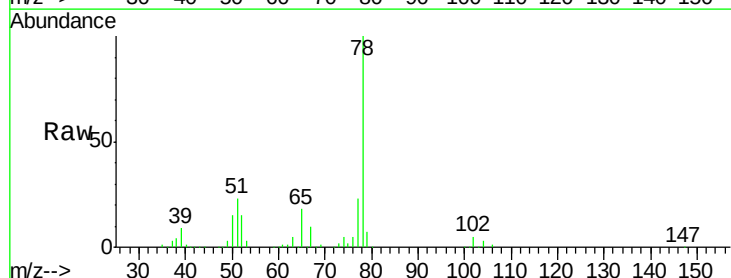
Manual Integrations  
APPROVED

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1/30/2020 10:27:25 AM

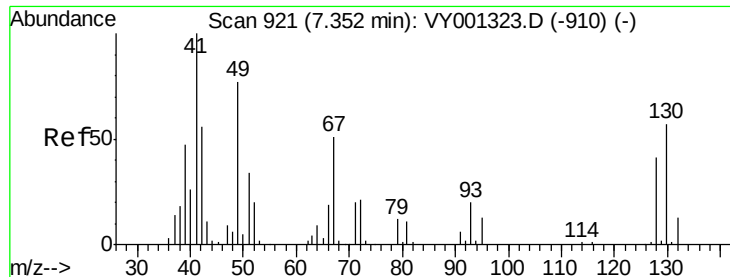


#40  
Benzene  
Concen: 22.719 ug/l  
RT: 8.19 min Scan# 1059  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

| Tgt Ion   | 78   | Resp  | 214901 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 78        | 100  |       |        |
| 77        | 23.4 | 18.6  | 27.8   |







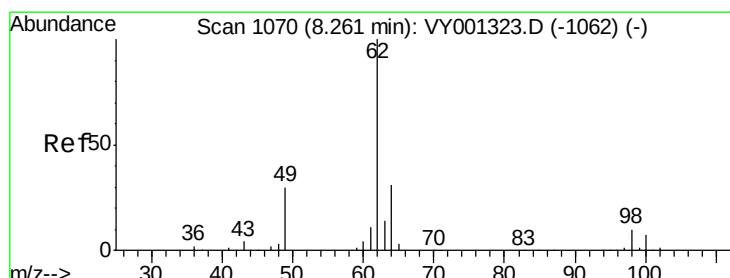
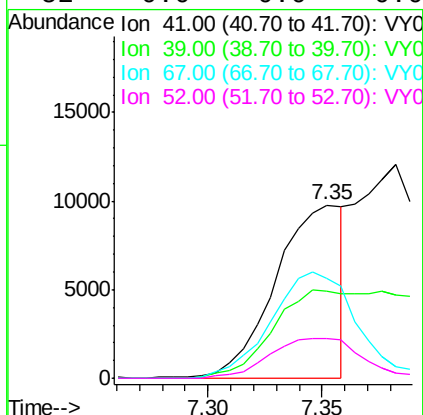
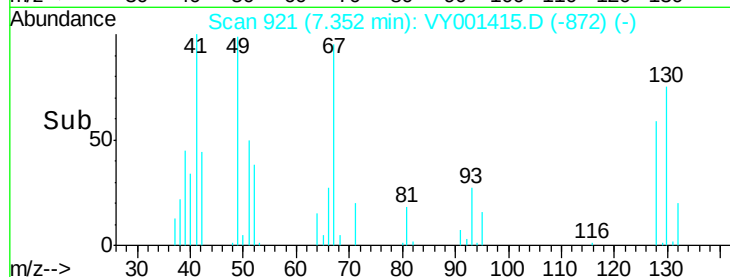
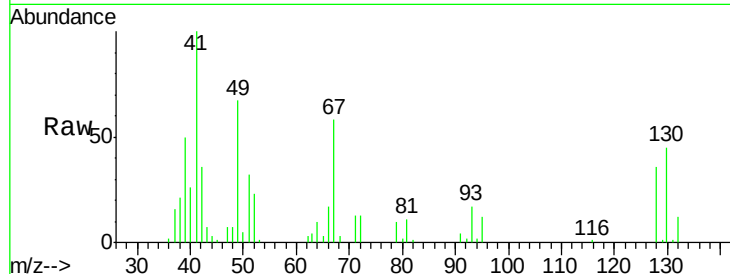
#41  
Methacrylonitrile  
Concen: 20.277 ug/l m  
RT: 7.35 min Scan# 921  
Delta R.T. -0.00 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

| Tot Ion   | 41    | Resp  | 20168 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 0.0   | 0.0   | 0.0   |
| 67        | 0.0   | 0.0   | 0.0   |
| 52        | 0.0   | 0.0   | 0.0   |

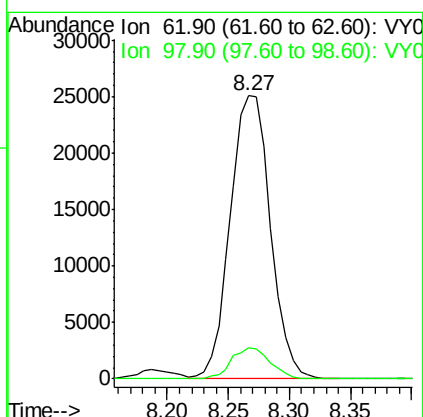
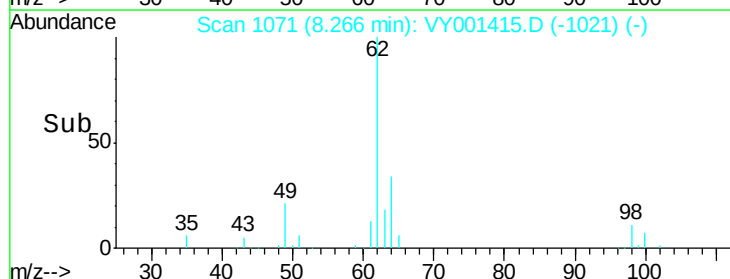
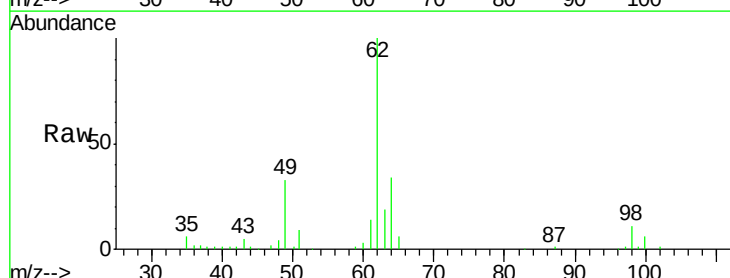
Manual Integrations  
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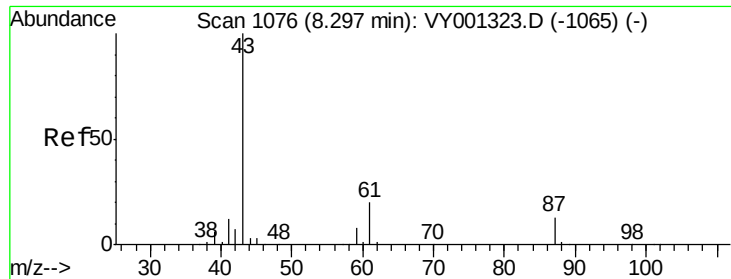
MMDadoda  
1/30/2020 10:27:25 AM



#42  
1,2-Dichloroethane  
Concen: 21.620 ug/l  
RT: 8.27 min Scan# 1071  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

| Tgt Ion   | 62    | Resp  | 57142 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 10.6  | 0.0   | 20.8  |





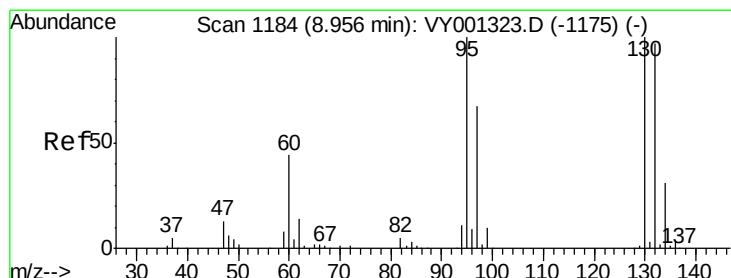
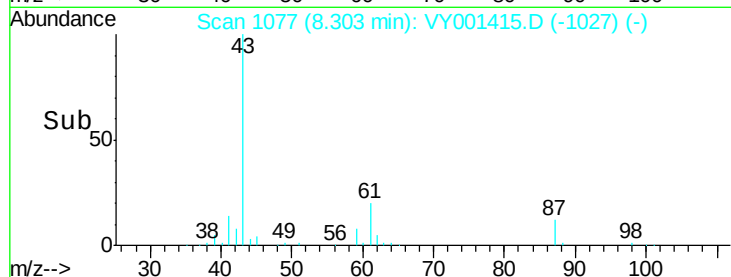
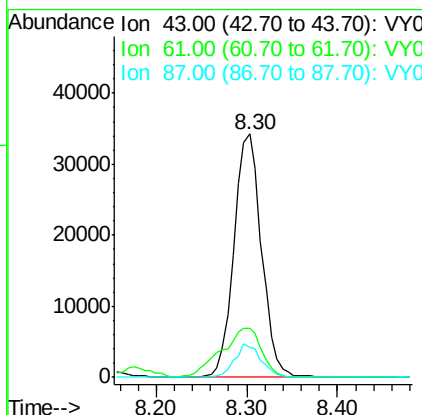
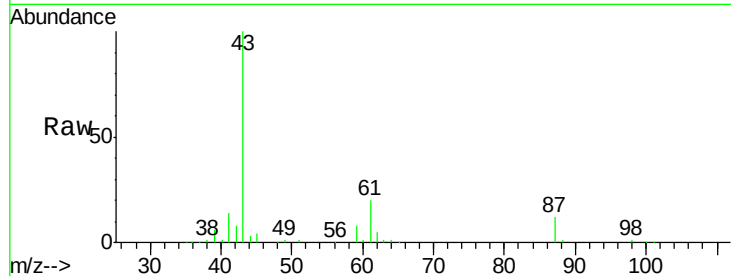
#43  
Isopropyl Acetate  
Concen: 19.404 ug/l  
RT: 8.30 min Scan# 1077  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 29.5  | 22.7  | 34.1  |
| 87      | 13.1  | 11.0  | 16.4  |

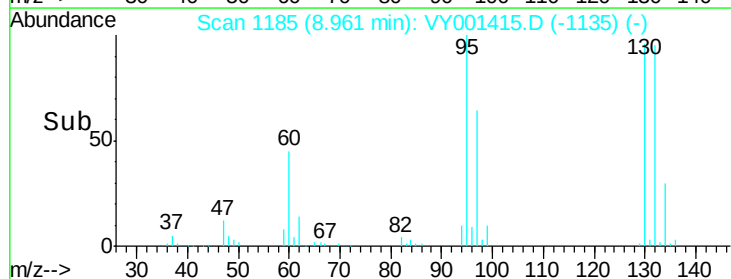
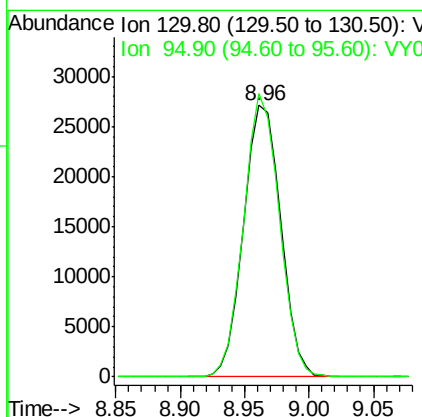
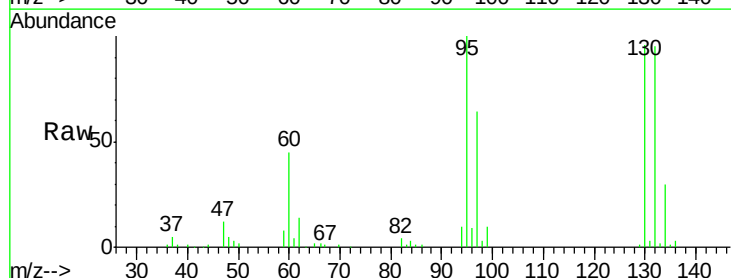
Manual Integrations  
APPROVED

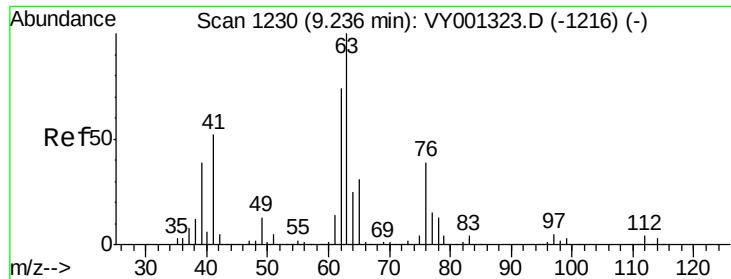
MMDadoda  
1/30/2020 10:27:25 AM



#44  
Trichloroethene  
Concen: 22.346 ug/l  
RT: 8.96 min Scan# 1185  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 104.2 | 0.0   | 200.0 |





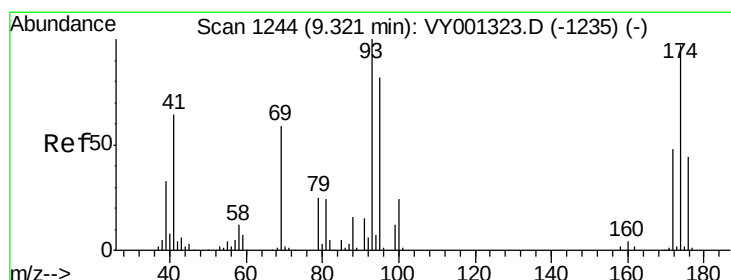
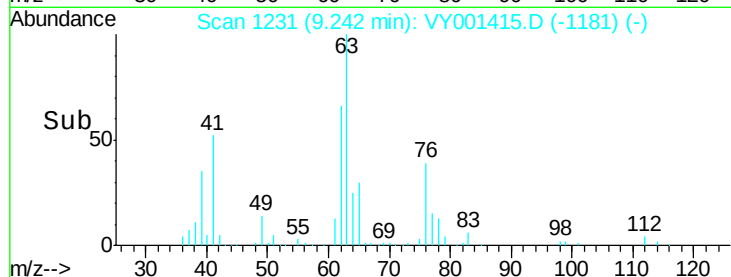
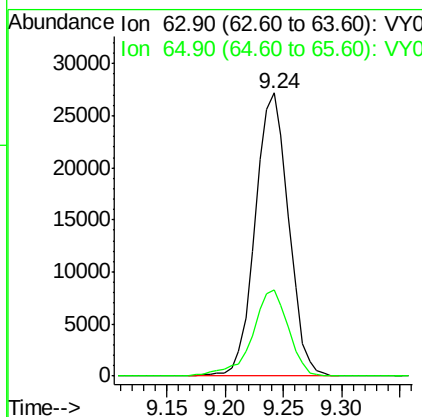
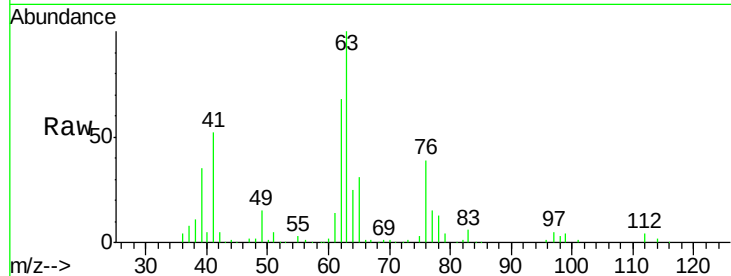
#45  
 1,2-Dichloropropane  
 Concen: 22.543 ug/l  
 RT: 9.24 min Scan# 1231  
 Delta R.T. 0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0129SBS01

Tot Ion: 63 Resp: 53905  
 Ion Ratio Lower Upper  
 63 100  
 65 30.6 24.9 37.3

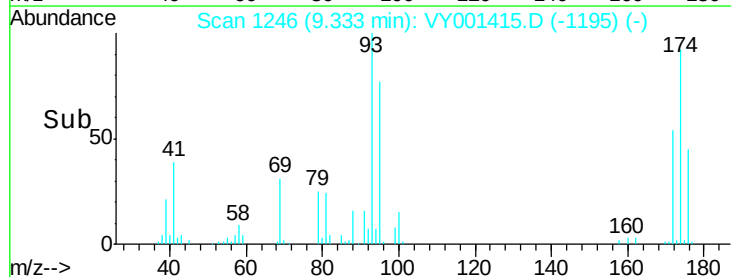
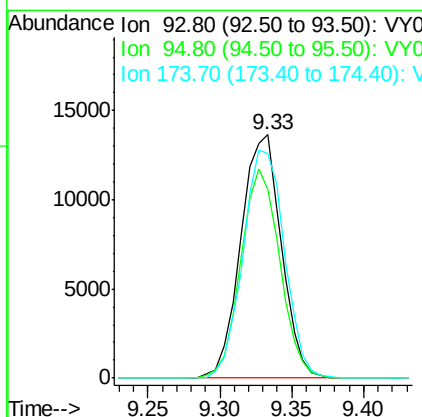
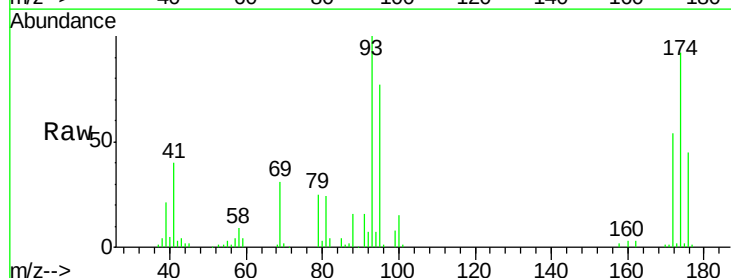
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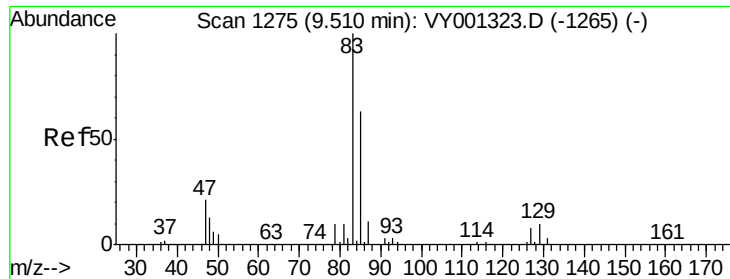
MMDadoda  
 1/30/2020 10:27:25 AM



#46  
 Dibromomethane  
 Concen: 20.638 ug/l  
 RT: 9.33 min Scan# 1246  
 Delta R.T. 0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

Tgt Ion: 93 Resp: 26493  
 Ion Ratio Lower Upper  
 93 100  
 95 82.9 66.5 99.7  
 174 96.1 77.9 116.9





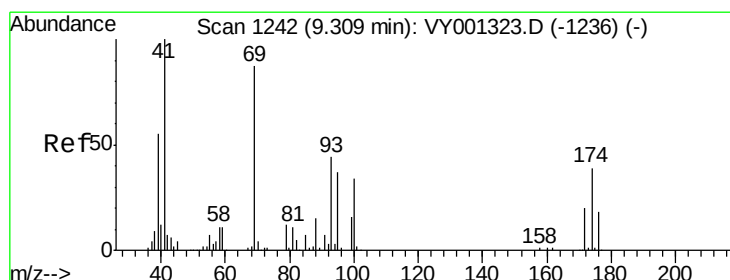
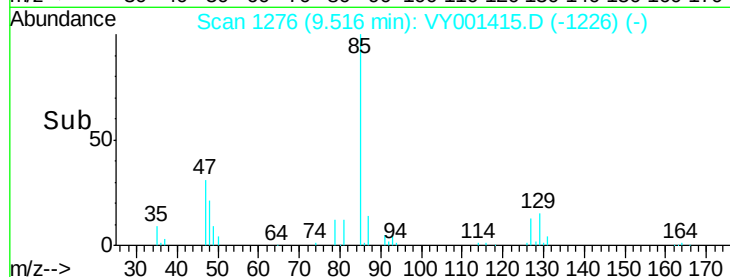
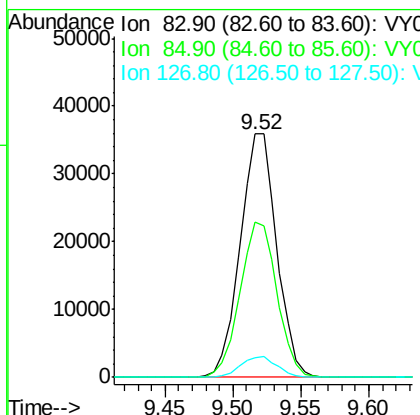
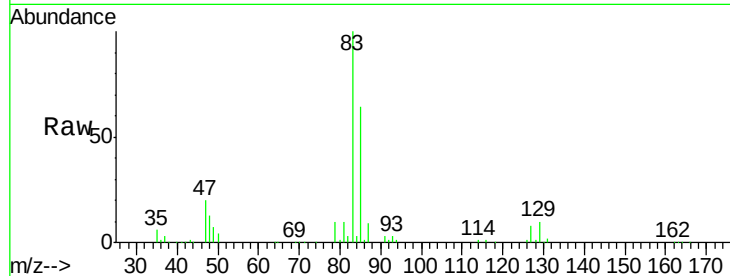
#47  
Bromodichloromethane  
Concen: 21.923 ug/l  
RT: 9.52 min Scan# 1276  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

| Tot Ion   | 83   | Resp  | 67275 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 63.7 | 50.2  | 75.2  |
| 127       | 8.0  | 6.4   | 9.6   |

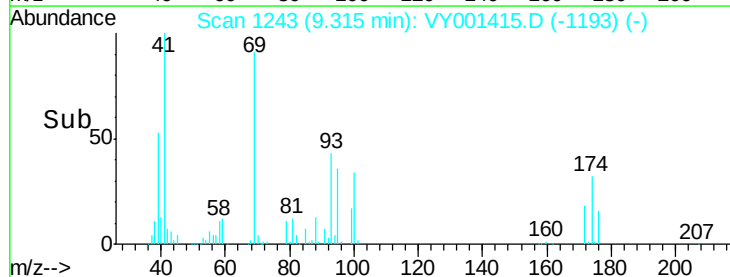
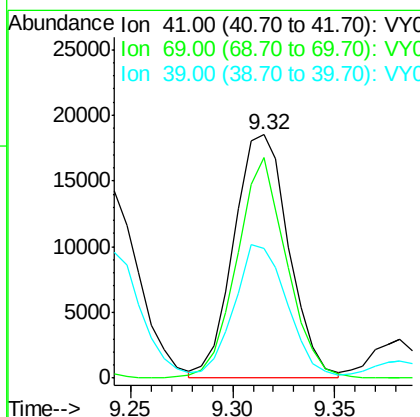
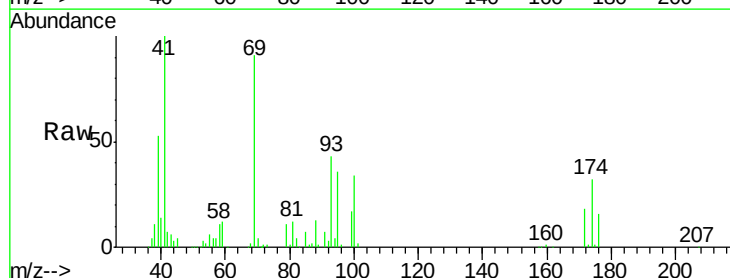
Manual Integrations  
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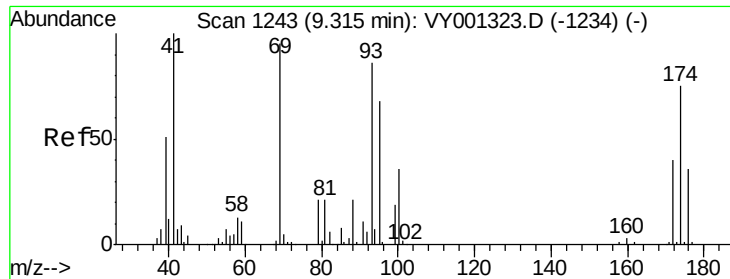
MMDadoda  
1/30/2020 10:27:25 AM



#48  
Methyl methacrylate  
Concen: 20.358 ug/l  
RT: 9.32 min Scan# 1243  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

| Tgt Ion   | 41   | Resp  | 34686 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 41        | 100  |       |       |
| 69        | 81.9 | 70.2  | 105.4 |
| 39        | 50.3 | 45.7  | 68.5  |





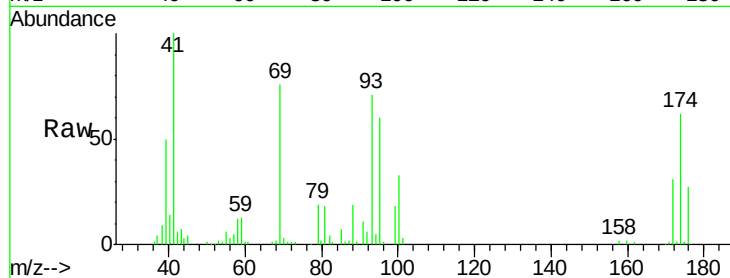
#49  
 1,4-Dioxane  
 Concen: 373.531 ug/l  
 RT: 9.32 min Scan# 1244  
 Delta R.T. 0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 33.2  | 28.2  | 42.2  |
| 58      | 69.2  | 55.6  | 83.4  |

Manual Integrations  
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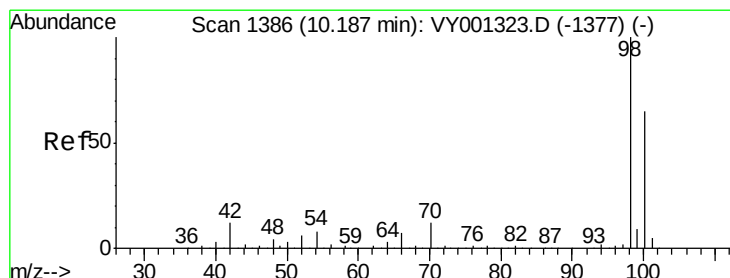
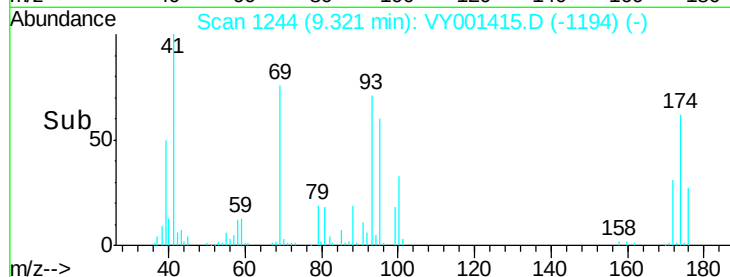
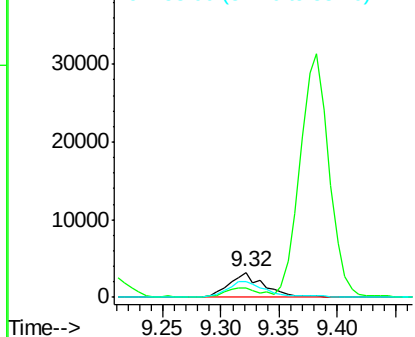


Abundance

Ion 88.00 (87.70 to 88.70): VY0

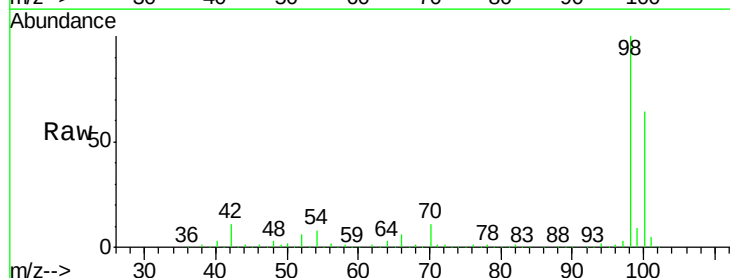
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50  
 Toluene-d8  
 Concen: 54.062 ug/l  
 RT: 10.20 min Scan# 1388  
 Delta R.T. 0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

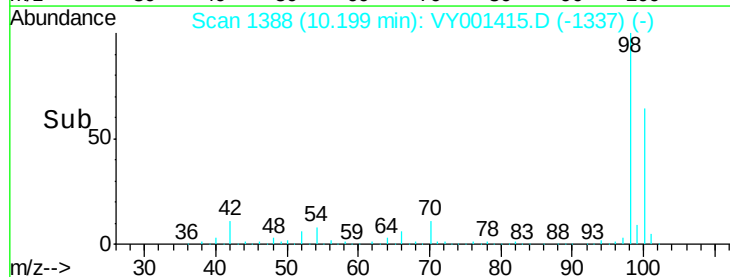
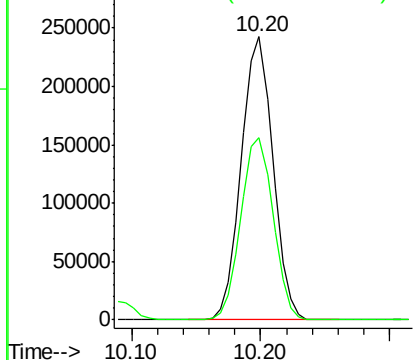
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.0  | 52.6  | 79.0  |

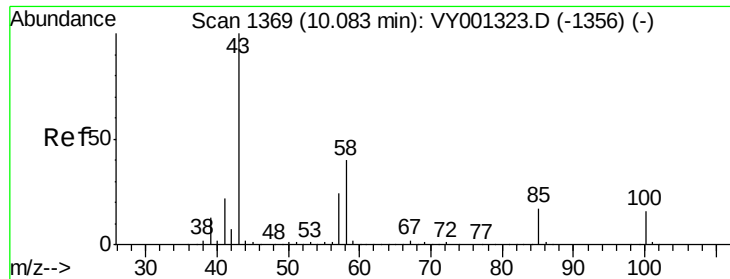


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





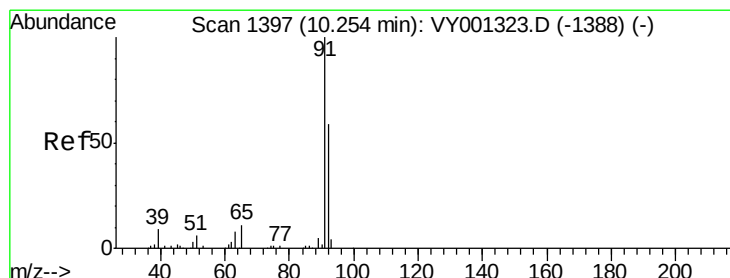
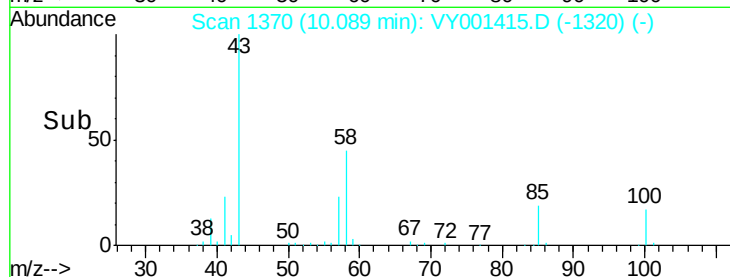
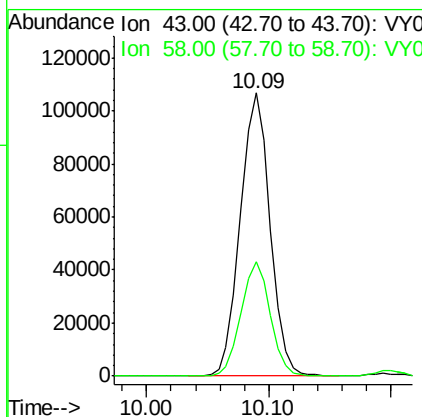
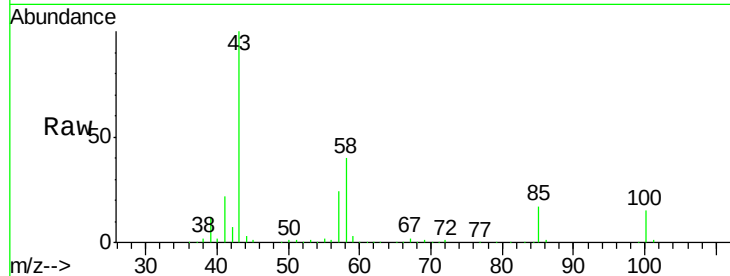
#51  
4-Methyl-2-Pentanone  
Concen: 93.246 ug/l  
RT: 10.09 min Scan# 1370  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 39.8  | 31.5  | 47.3  |

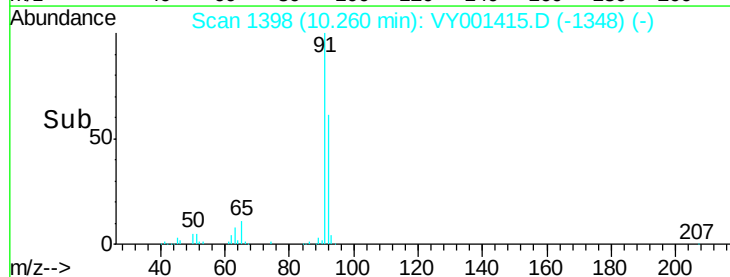
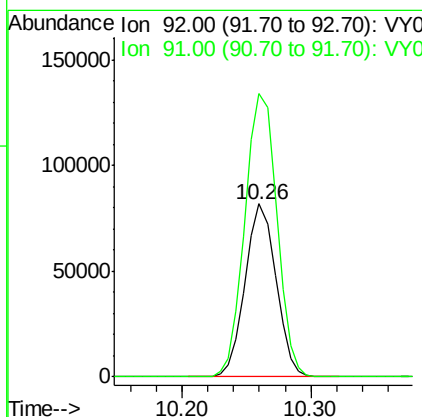
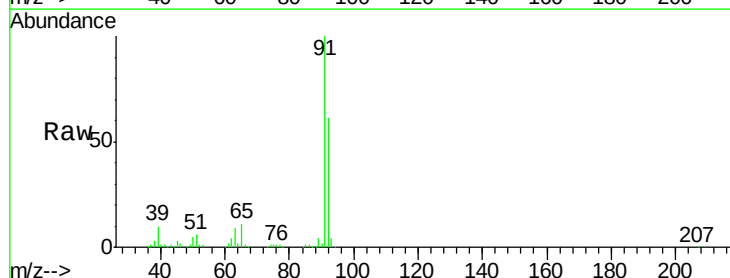
Manual Integrations  
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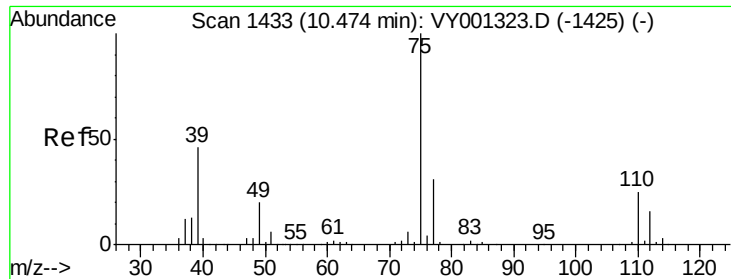
MMDadoda  
1/30/2020 10:27:25 AM



#52  
Toluene  
Concen: 22.621 ug/l  
RT: 10.26 min Scan# 1398  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 169.8 | 136.4 | 204.6 |





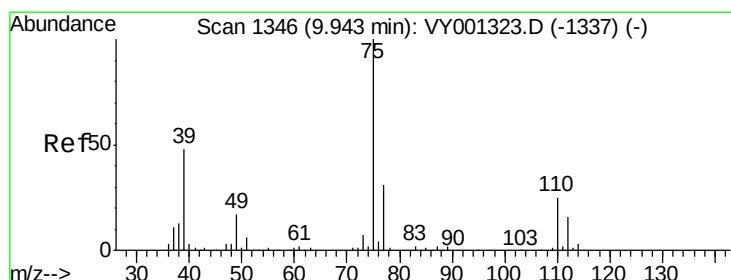
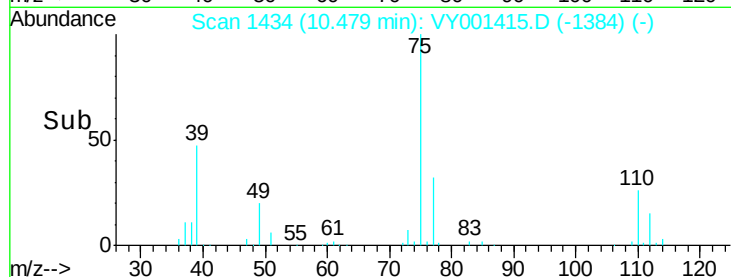
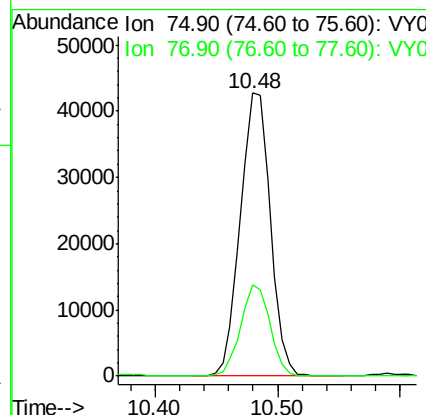
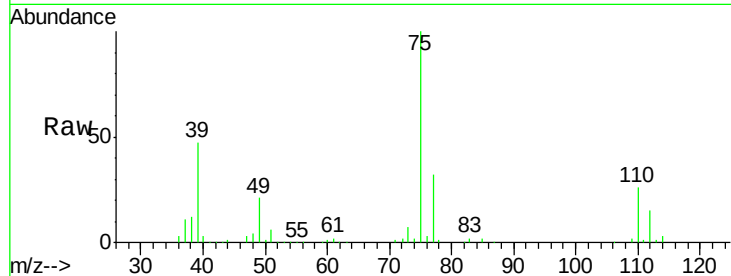
#53  
t-1,3-Dichloropropene  
Concen: 21.370 ug/l  
RT: 10.48 min Scan# 1434  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

Tot Ion: 75 Resp: 72688  
Ion Ratio Lower Upper  
75 100  
77 32.5 25.2 37.8

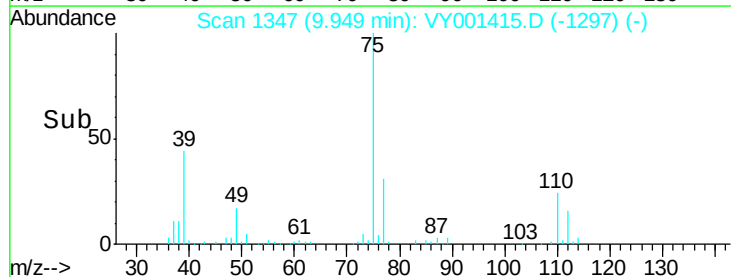
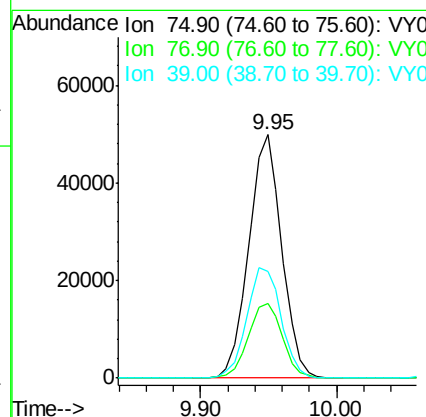
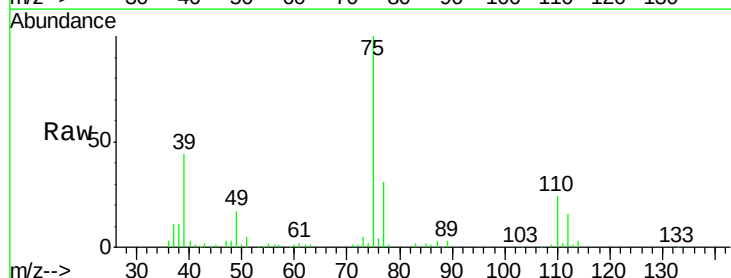
Manual Integrations  
APPROVED

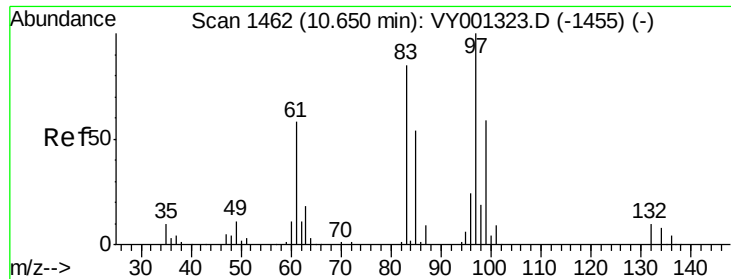
MMDadoda  
1/30/2020 10:27:25 AM



#54  
cis-1,3-Dichloropropene  
Concen: 21.651 ug/l  
RT: 9.95 min Scan# 1347  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Tgt Ion: 75 Resp: 84528  
Ion Ratio Lower Upper  
75 100  
77 30.7 25.0 37.6  
39 44.0 38.2 57.4





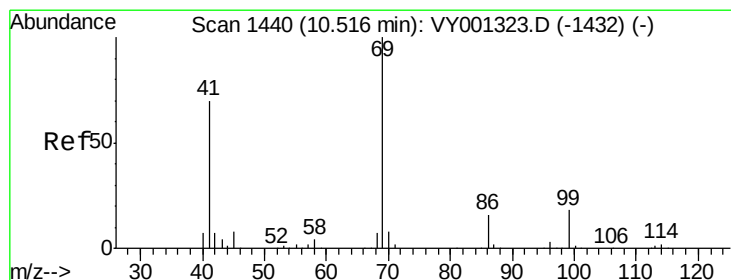
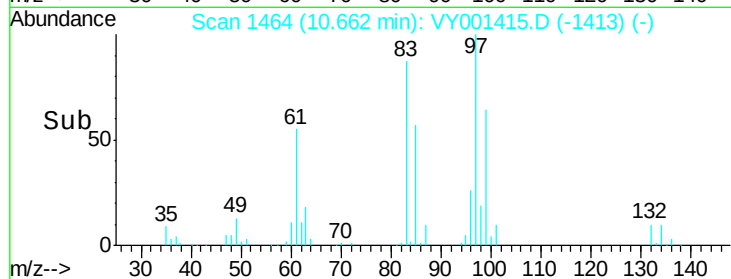
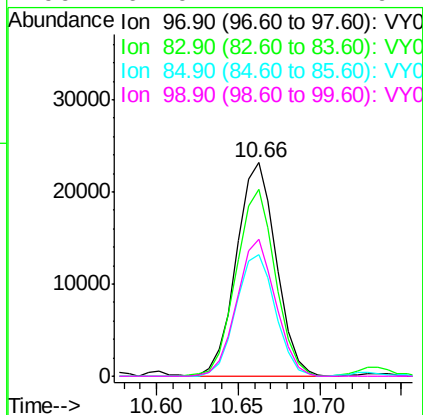
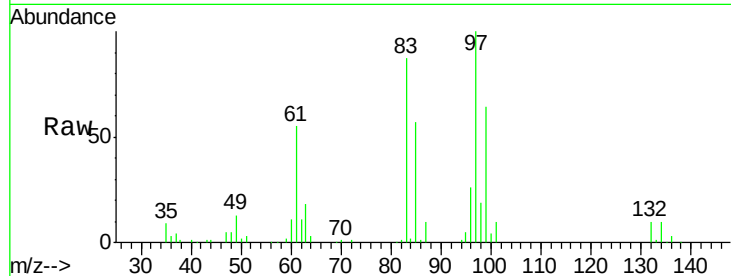
#55  
 1,1,2-Trichloroethane  
 Concen: 20.831 ug/l  
 RT: 10.66 min Scan# 1464  
 Delta R.T. 0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0129SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 39470 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.8  | 68.0  | 102.0 |
| 85       | 56.7  | 43.6  | 65.4  |
| 99       | 64.0  | 47.1  | 70.7  |

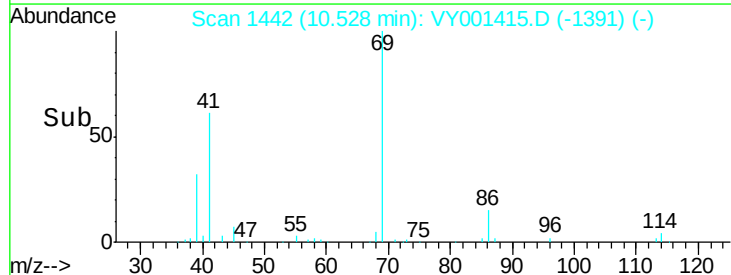
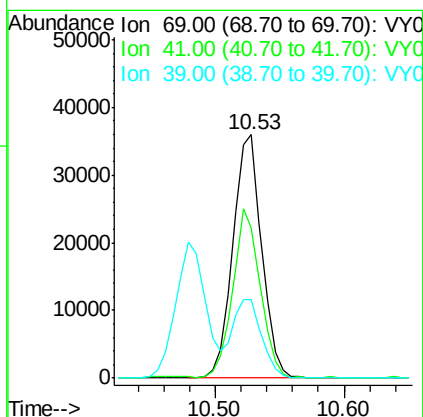
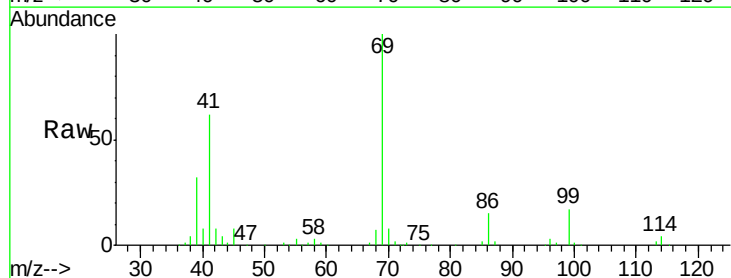
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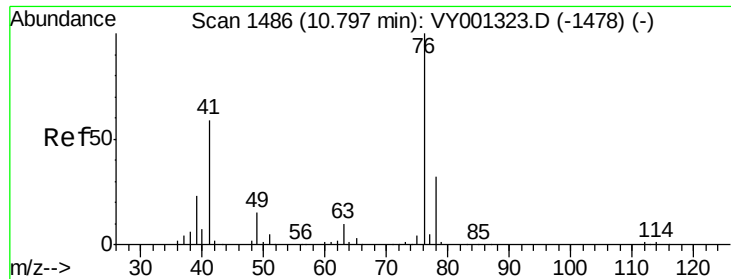


#56  
 Ethyl methacrylate  
 Concen: 19.544 ug/l  
 RT: 10.53 min Scan# 1442  
 Delta R.T. 0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 55968 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 65.8  | 54.1  | 81.1  |
| 39       | 33.3  | 26.8  | 40.2  |







#57

1,3-Dichloropropane

Concen: 20.725 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA\_Y

ClientSampleId :

VY0129SBS01

Tot Ion: 76 Resp: 68405

Ion Ratio Lower Upper

76 100

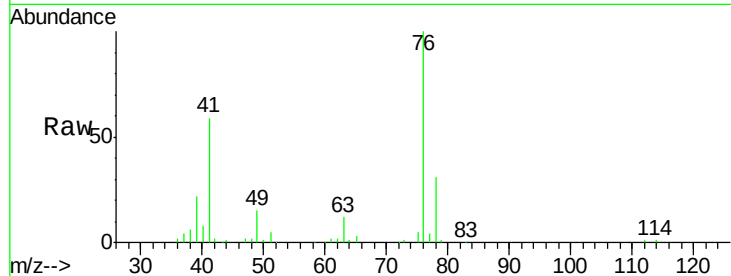
78 32.2 25.8 38.8

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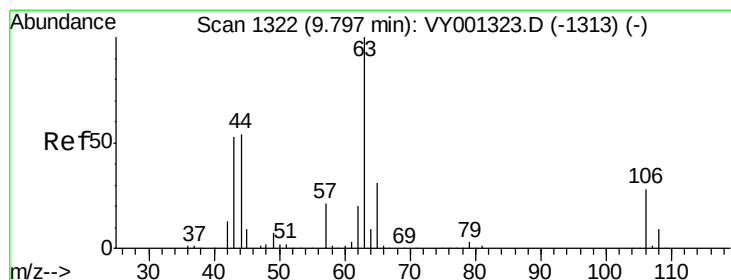
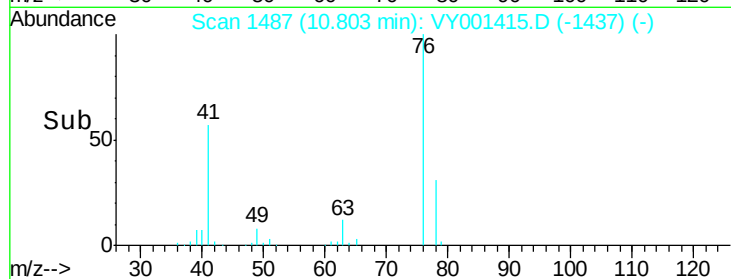
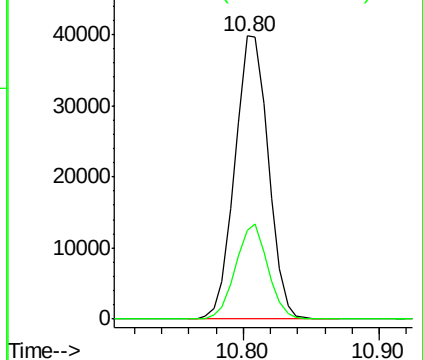
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 102.878 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY001415.D

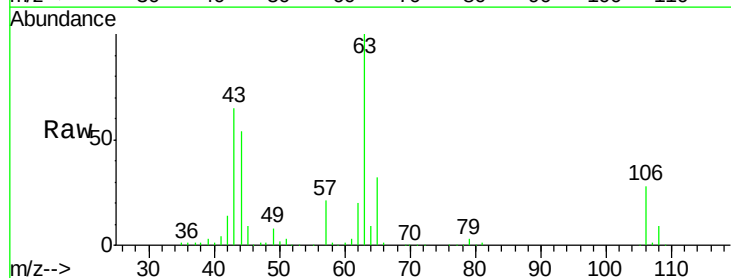
Acq: 29 Jan 2020 11:58

Tgt Ion: 63 Resp: 101948

Ion Ratio Lower Upper

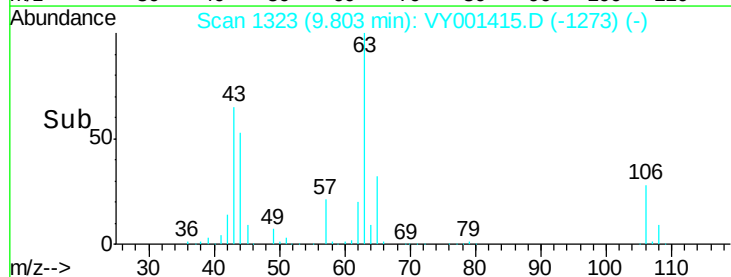
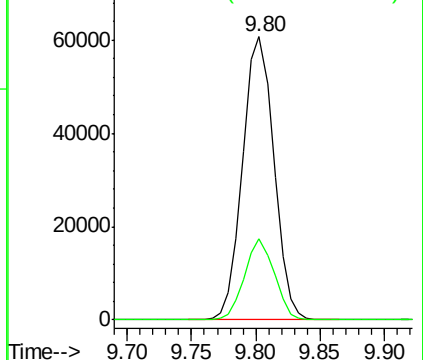
63 100

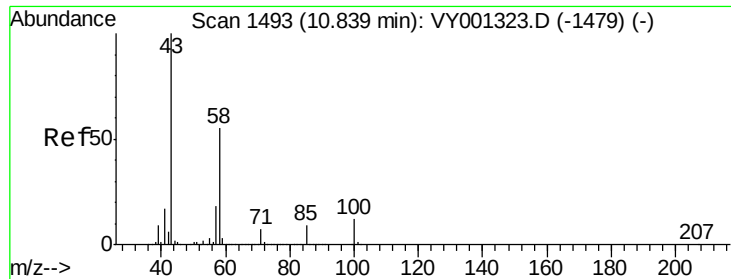
106 27.3 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





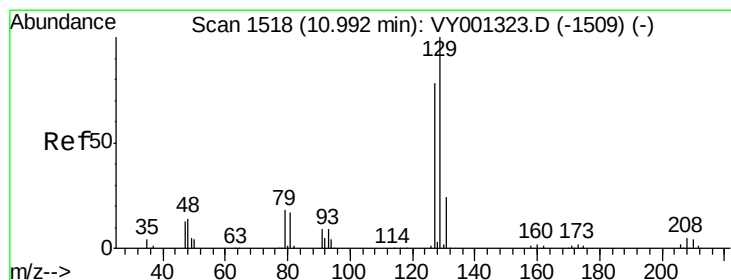
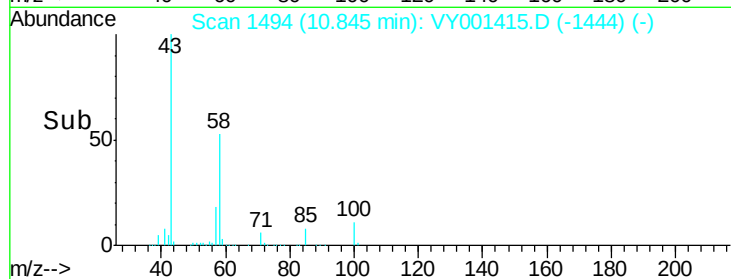
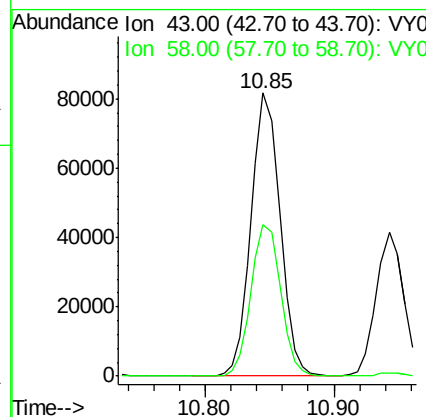
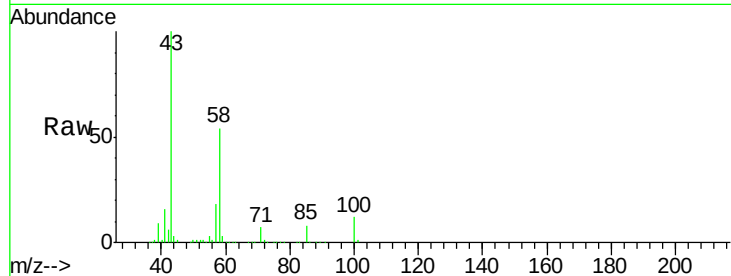
#59  
2-Hexanone  
Concen: 94.755 ug/l  
RT: 10.85 min Scan# 1494  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

Tot Ion: 43 Resp: 127319  
Ion Ratio Lower Upper  
43 100  
58 54.7 27.6 82.8

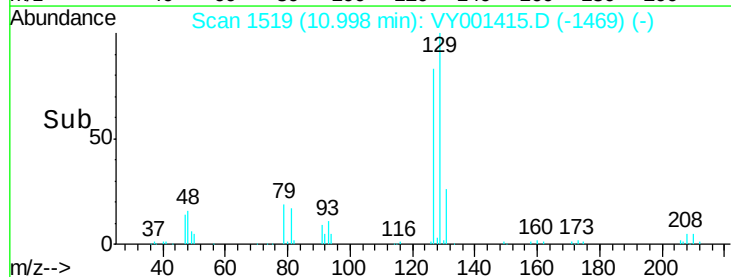
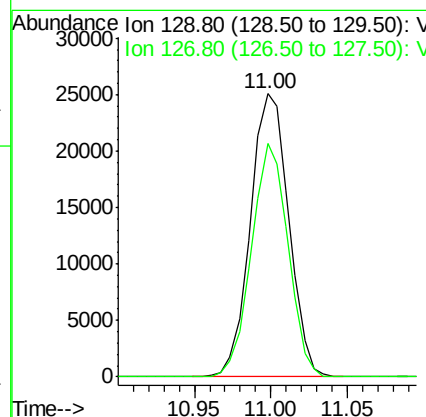
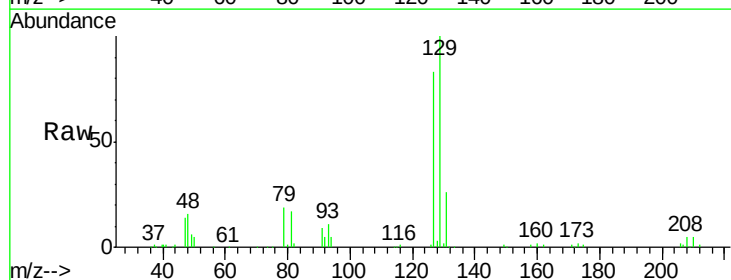
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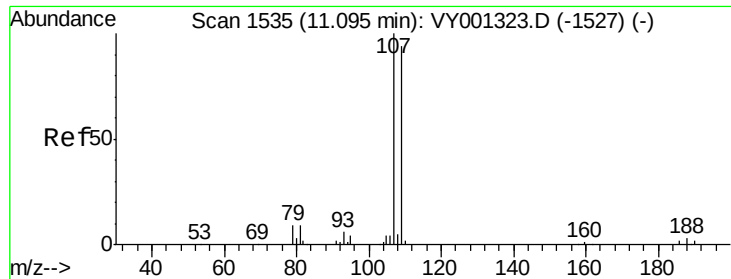
MMDadoda  
1/30/2020 10:27:25 AM



#60  
Dibromochloromethane  
Concen: 20.633 ug/l  
RT: 11.00 min Scan# 1519  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Tgt Ion: 129 Resp: 43725  
Ion Ratio Lower Upper  
129 100  
127 78.6 38.8 116.4





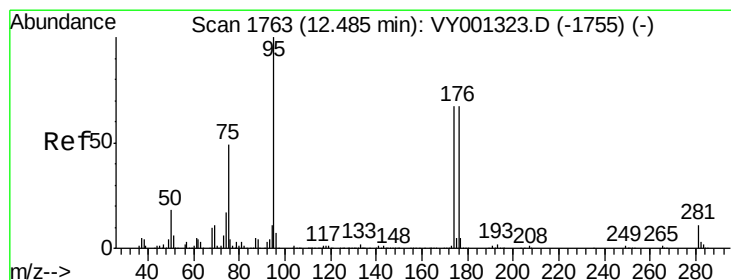
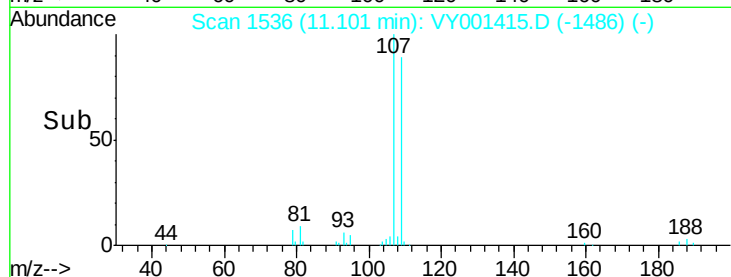
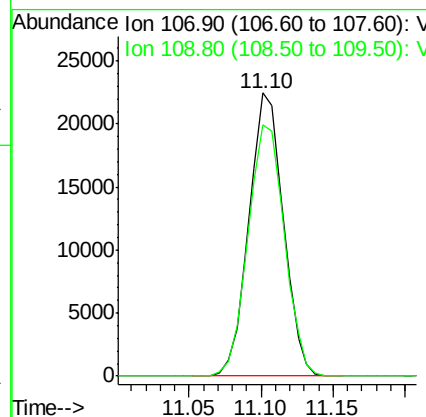
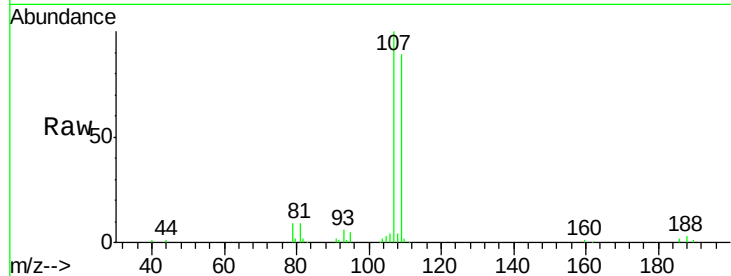
#61  
 1,2-Dibromoethane  
 Concen: 20.730 ug/l  
 RT: 11.10 min Scan# 1536  
 Delta R.T. 0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.8  | 75.0  | 112.6 |

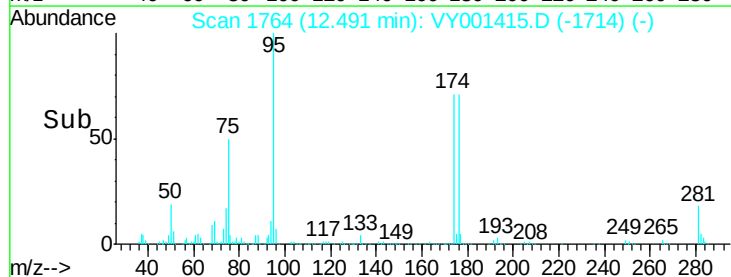
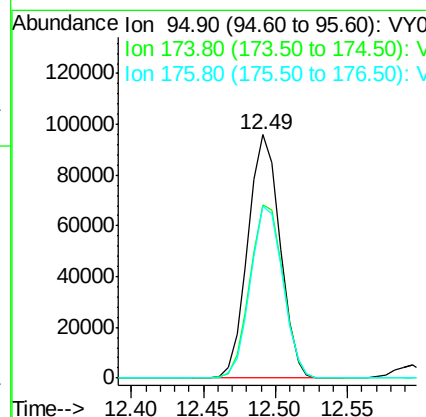
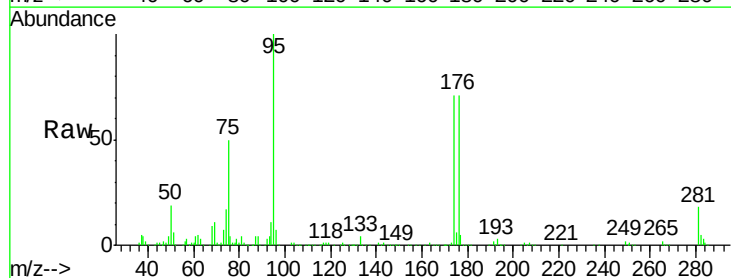
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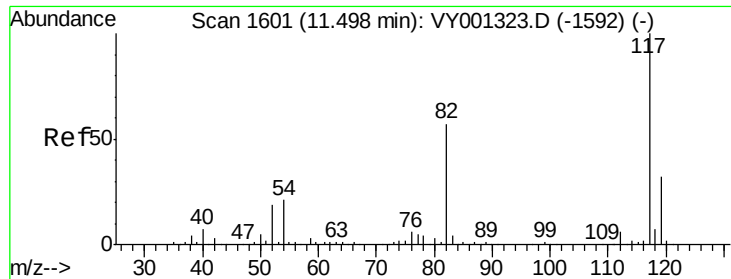
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 1/30/2020 10:27:25 AM



#62  
 4-Bromofluorobenzene  
 Concen: 48.878 ug/l  
 RT: 12.49 min Scan# 1764  
 Delta R.T. 0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 73.1  | 0.0   | 142.0 |
| 176     | 71.2  | 0.0   | 138.6 |





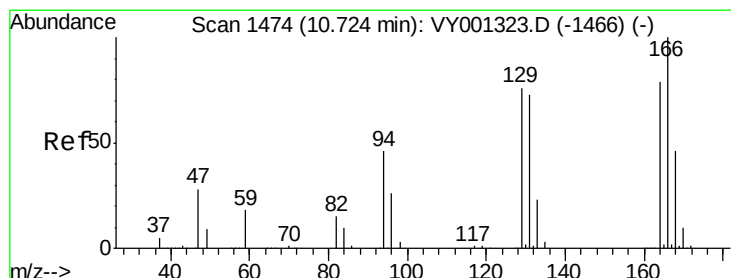
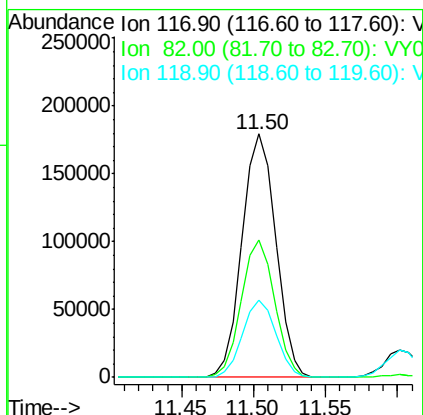
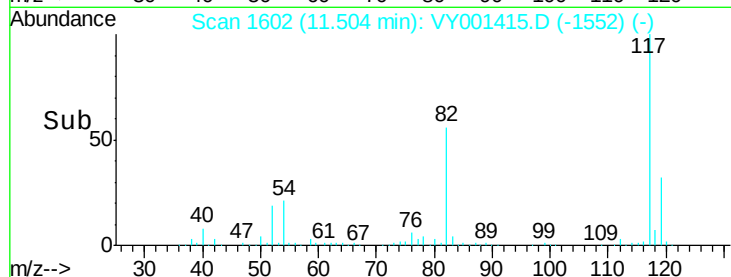
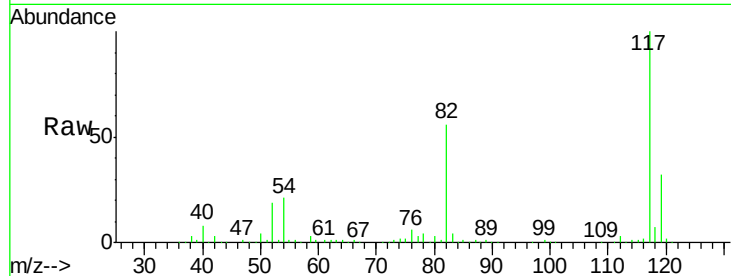
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.50 min Scan# 1602  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 56.4  | 45.5  | 68.3  |
| 119     | 31.9  | 25.8  | 38.6  |

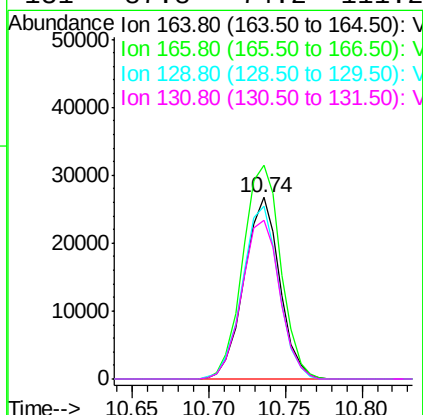
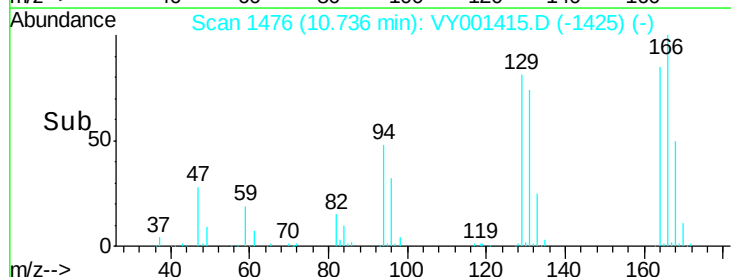
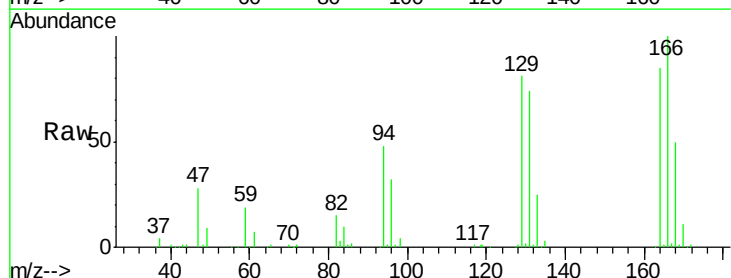
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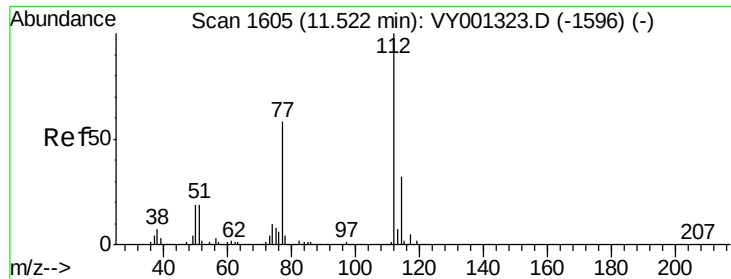
MMDadoda  
1/30/2020 10:27:25 AM



#64  
Tetrachloroethene  
Concen: 23.196 ug/l  
RT: 10.74 min Scan# 1476  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 117.8 | 101.8 | 152.8 |
| 129     | 95.1  | 77.1  | 115.7 |
| 131     | 87.8  | 74.2  | 111.2 |





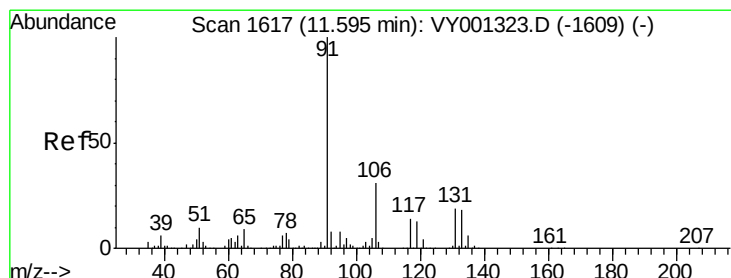
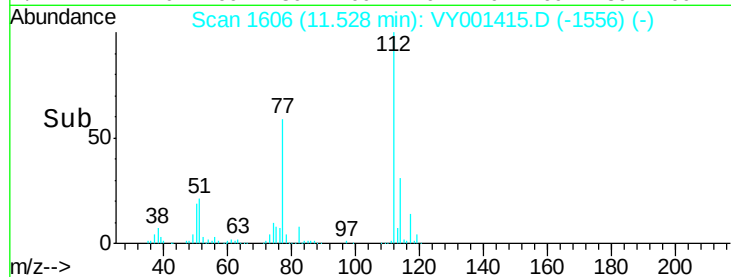
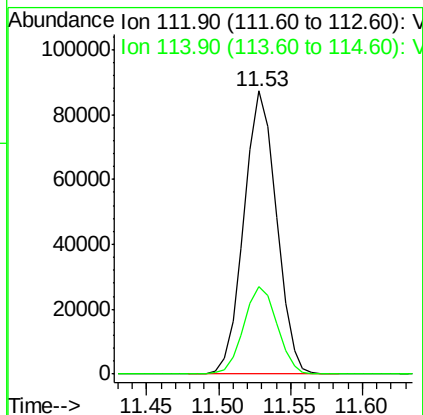
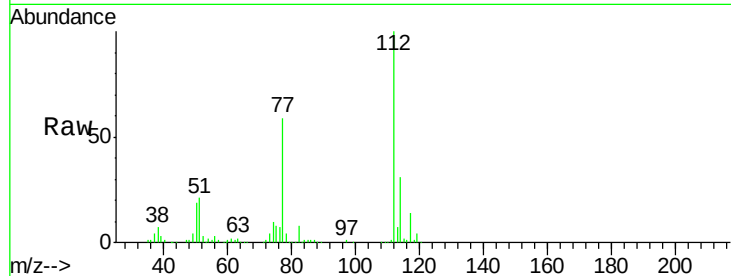
#65  
Chlorobenzene  
Concen: 22.250 ug/l  
RT: 11.53 min Scan# 1606  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

Tot Ion:112 Resp: 136638  
Ion Ratio Lower Upper  
112 100  
114 31.0 25.8 38.6

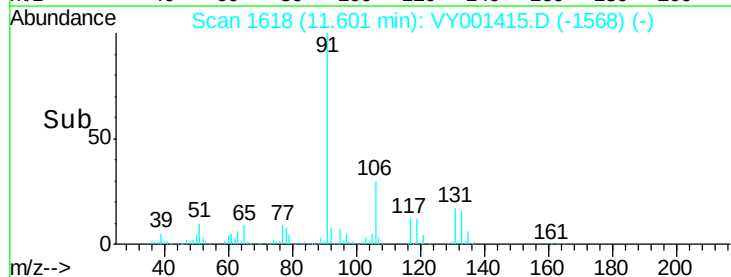
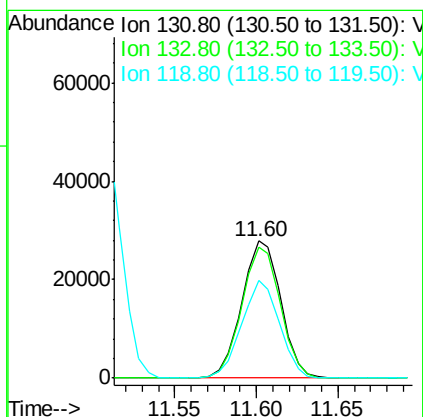
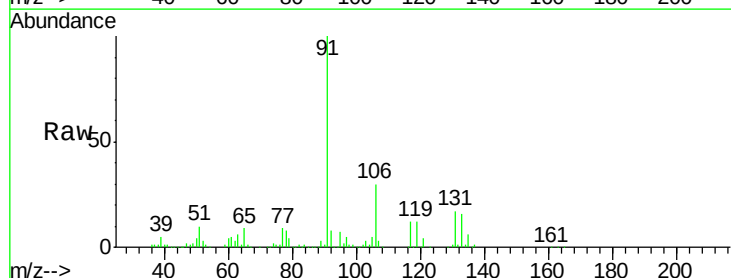
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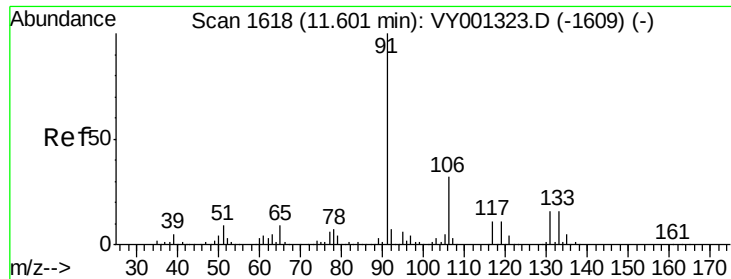
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.140 ug/l  
RT: 11.60 min Scan# 1618  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Tgt Ion:131 Resp: 46399  
Ion Ratio Lower Upper  
131 100  
133 94.9 47.1 141.3  
119 68.7 34.1 102.2





#67

Ethyl Benzene

Concen: 23.121 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA\_Y

ClientSampleId :

VY0129SBS01

Tot Ion: 91 Resp: 261667

Ion Ratio Lower Upper

91 100

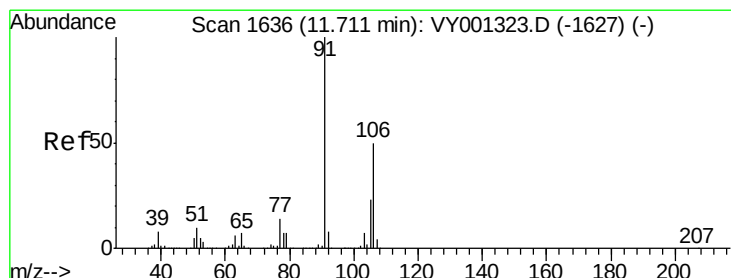
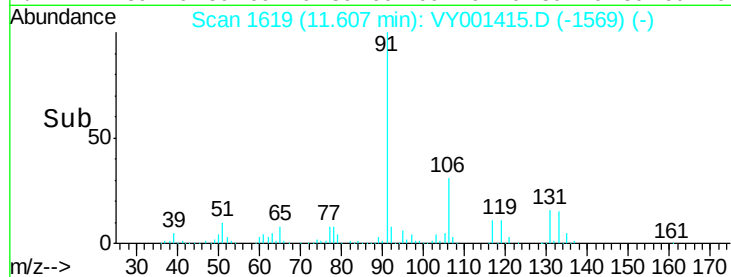
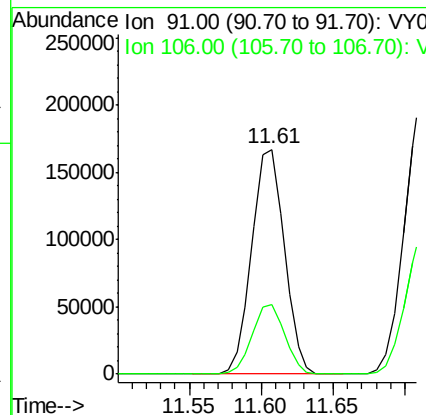
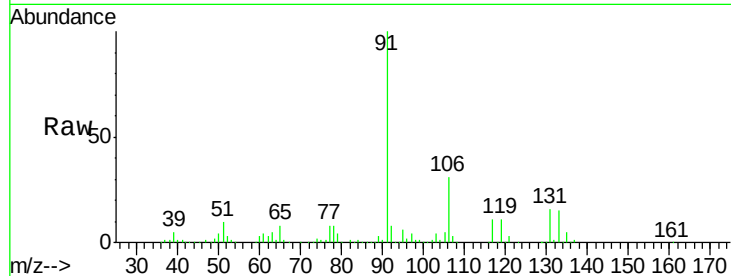
106 30.9 25.4 38.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 45.789 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY001415.D

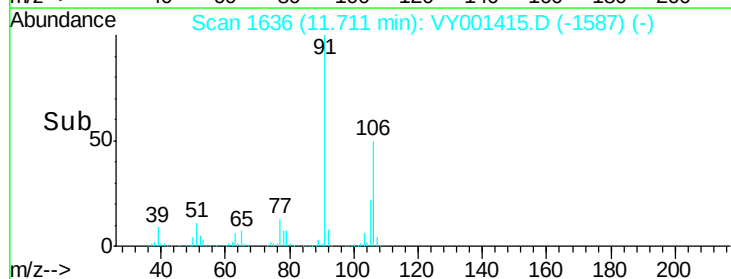
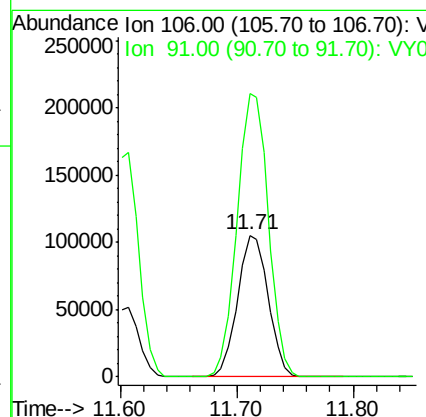
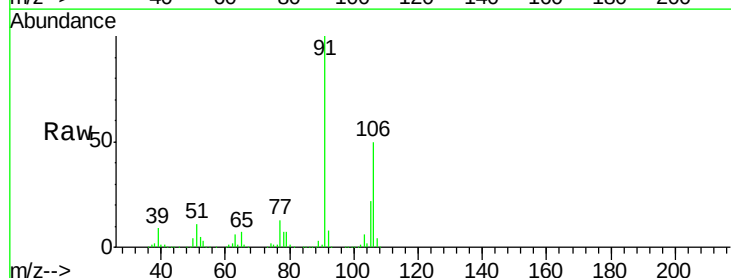
Acq: 29 Jan 2020 11:58

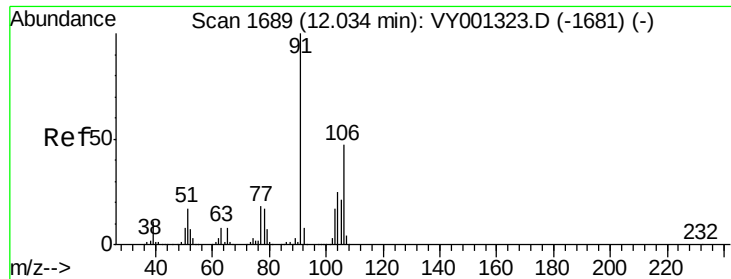
Tgt Ion: 106 Resp: 193548

Ion Ratio Lower Upper

106 100

91 203.3 162.8 244.2





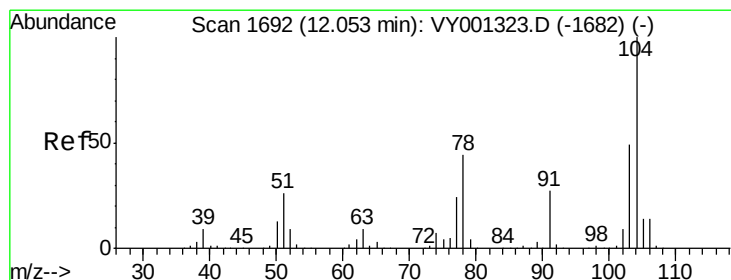
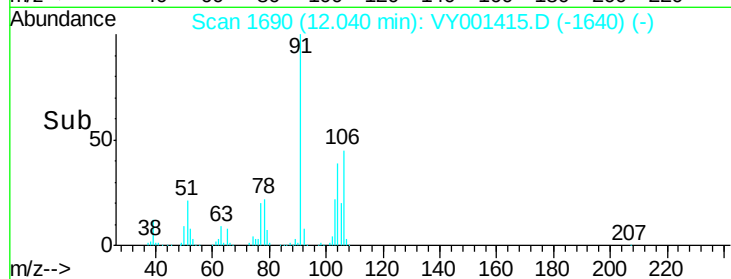
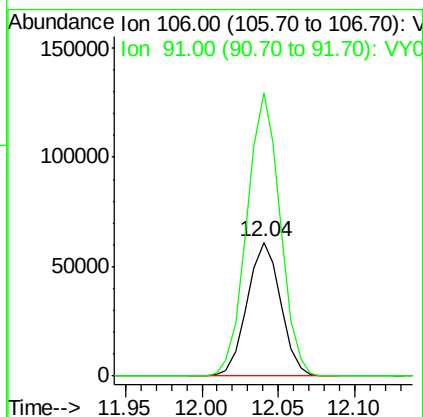
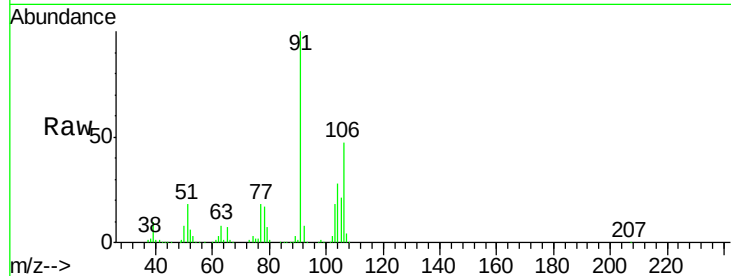
#69  
o-Xylene  
Concen: 22.808 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

Tot Ion:106 Resp: 92746  
Ion Ratio Lower Upper  
106 100  
91 211.1 106.3 319.0

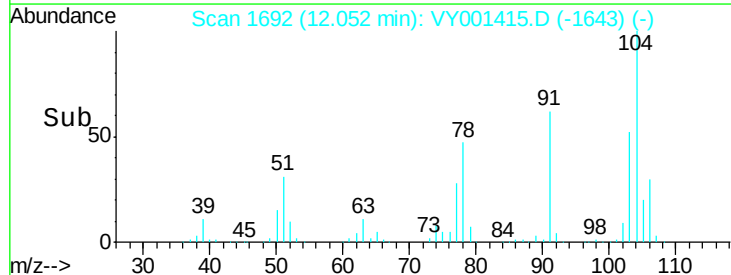
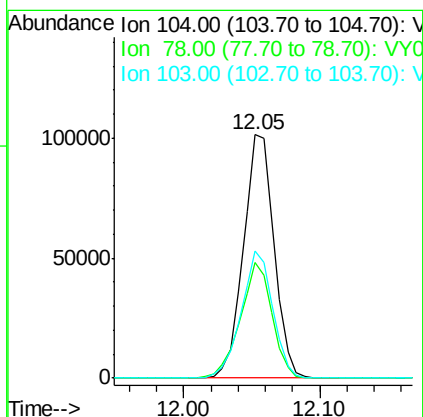
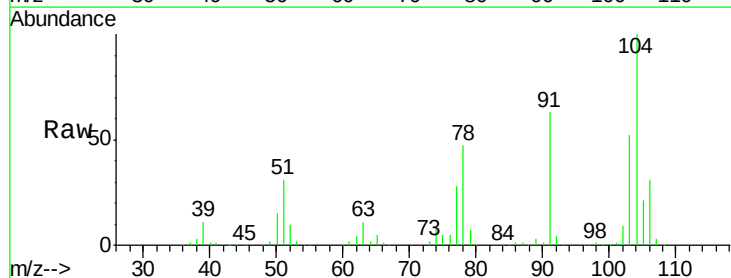
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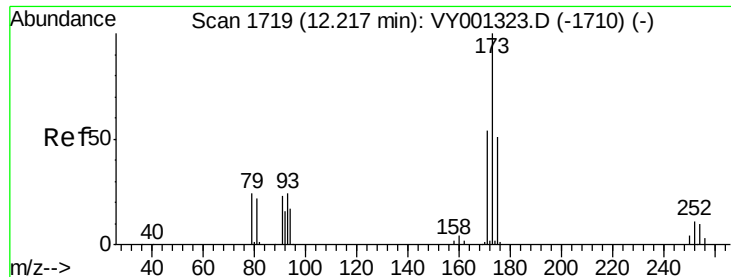
MMDadoda  
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#70  
Styrene  
Concen: 22.403 ug/l  
RT: 12.05 min Scan# 1692  
Delta R.T. -0.00 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Tgt Ion:104 Resp: 159836  
Ion Ratio Lower Upper  
104 100  
78 48.9 39.8 59.8  
103 53.8 43.2 64.8





#71

Bromoform

Concen: 20.115 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA\_Y

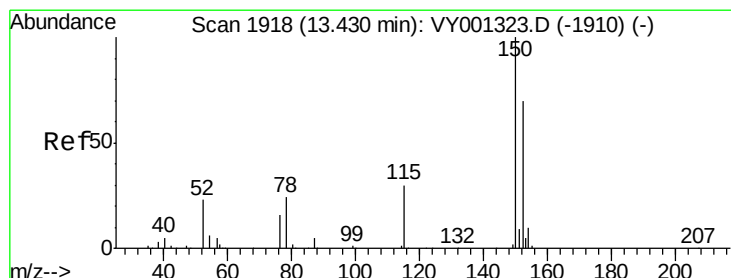
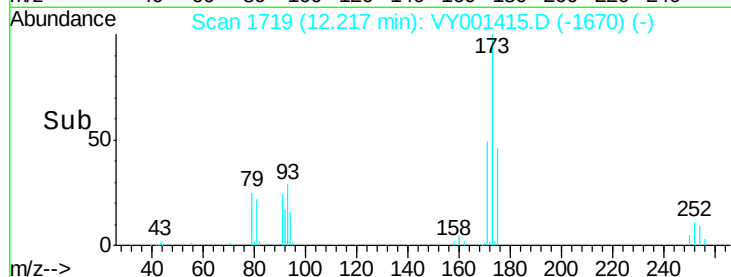
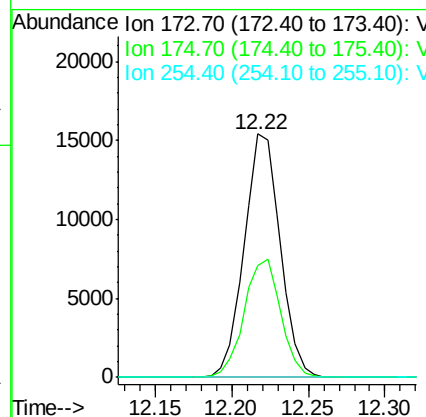
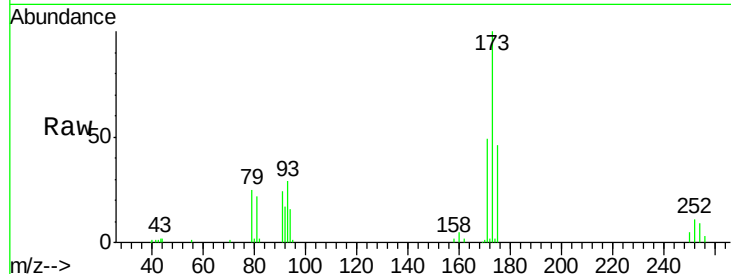
ClientSampleId :

VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.1  | 24.3  | 72.9  |
| 254     | 0.0   | 0.0   | 0.0   |

Manual Integrations  
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

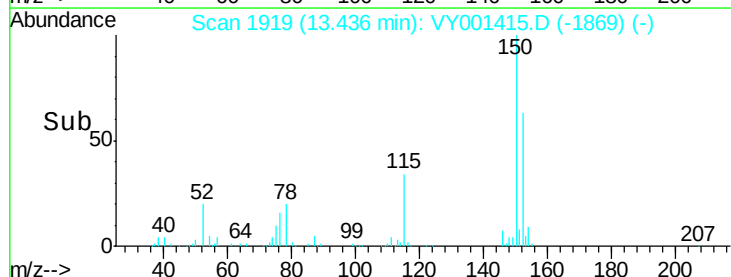
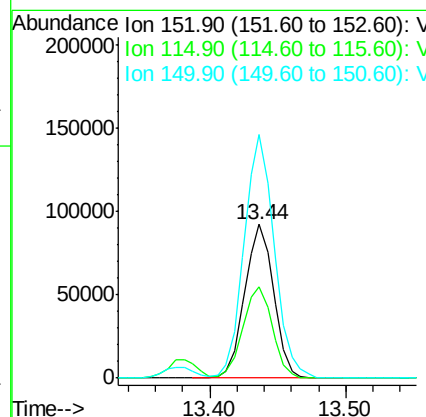
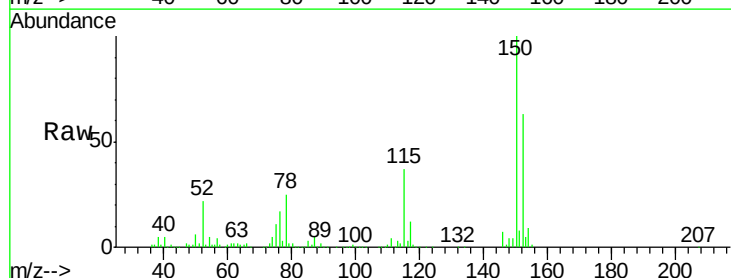
RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

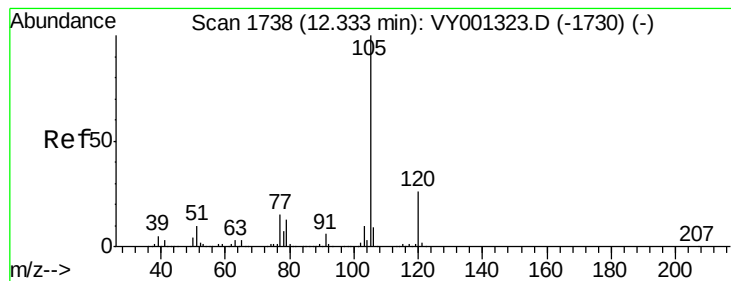
Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 59.8  | 30.9  | 92.8  |
| 150     | 164.9 | 0.0   | 349.2 |







#73

Isopropylbenzene

Concen: 22.912 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA\_Y

ClientSampleId :

VY0129SBS01

Tot Ion: 105 Resp: 248318

Ion Ratio Lower Upper

105 100

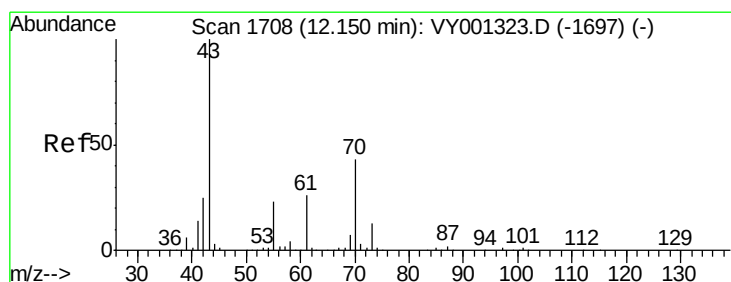
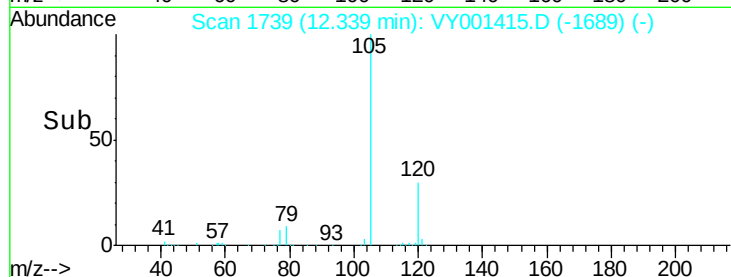
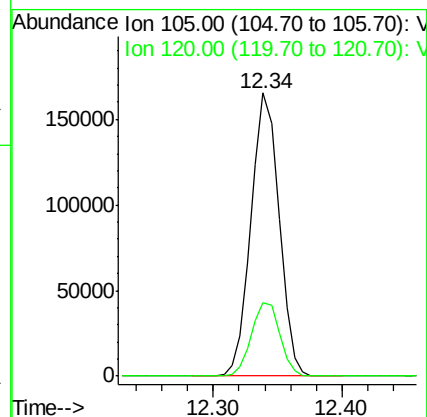
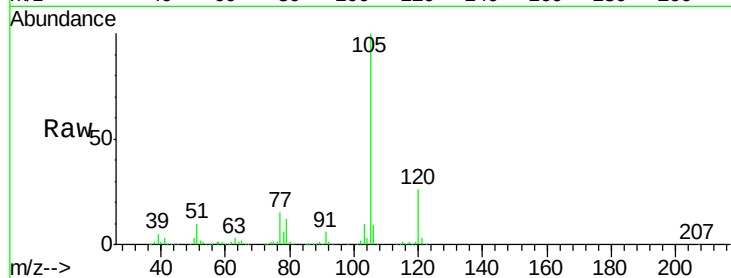
120 26.3 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.271 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Tgt Ion: 43 Resp: 68367

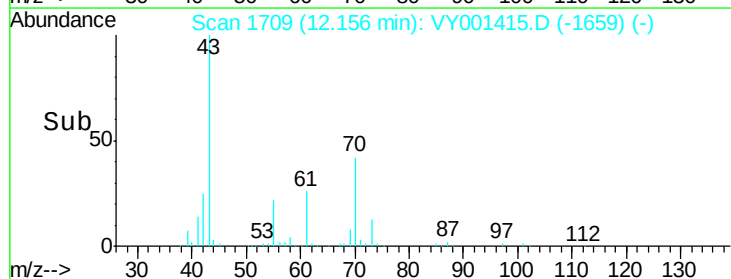
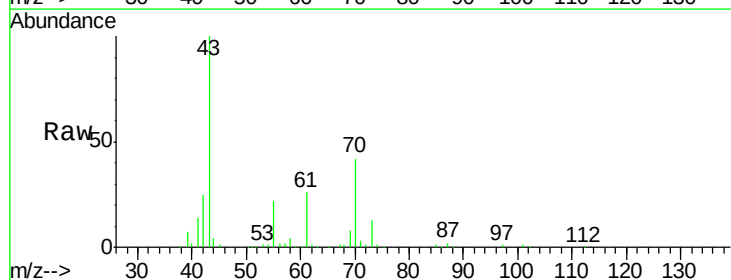
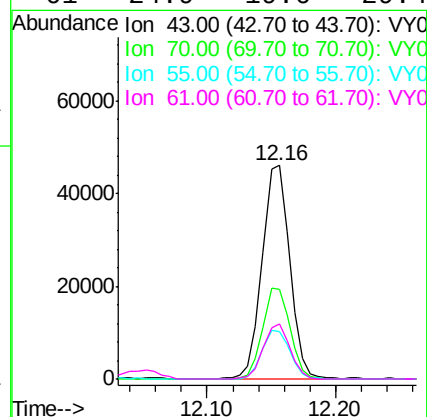
Ion Ratio Lower Upper

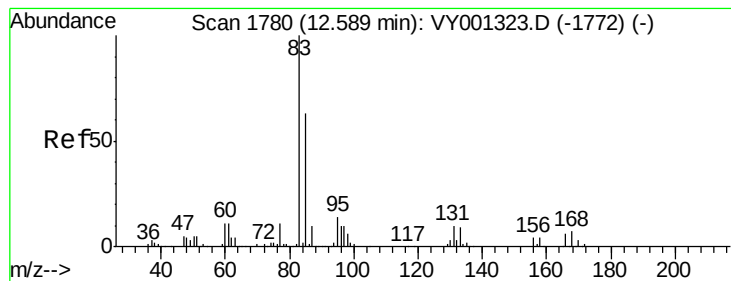
43 100

70 42.1 33.5 50.3

55 23.3 18.2 27.2

61 24.9 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.947 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA\_Y

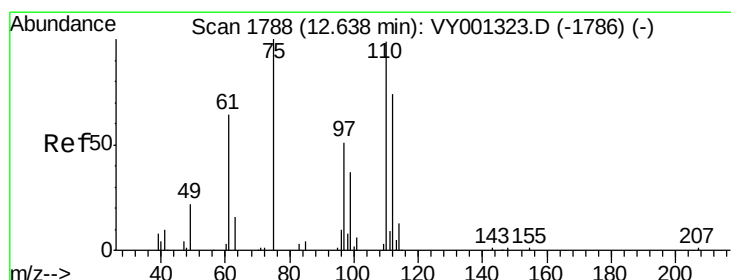
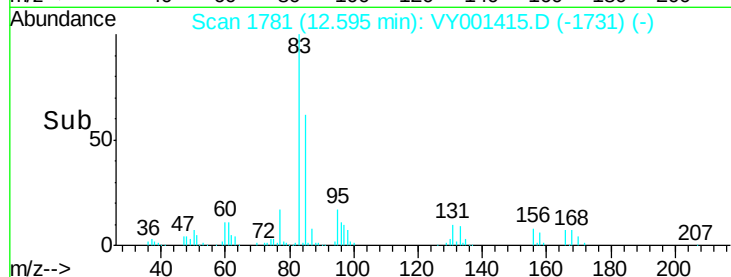
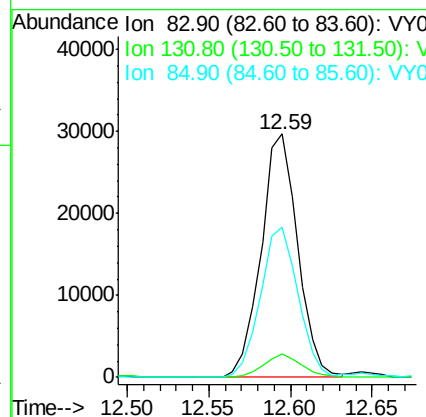
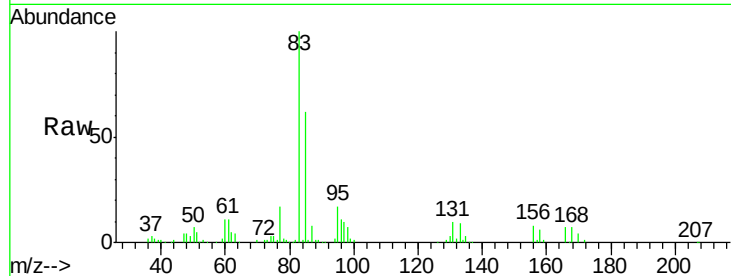
ClientSampleId :

VY0129SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 46299 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 9.8   | 4.9   | 14.6  |
| 85        | 63.4  | 31.4  | 94.3  |

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#76

1,2,3-Trichloropropane

Concen: 19.129 ug/l m

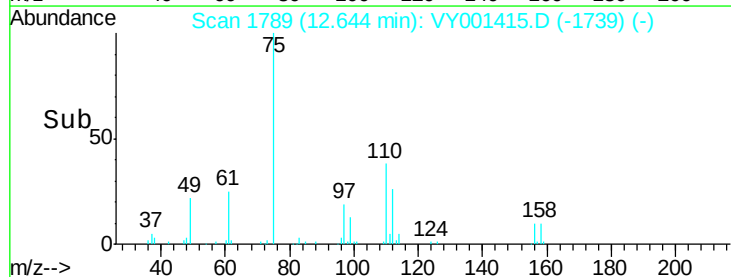
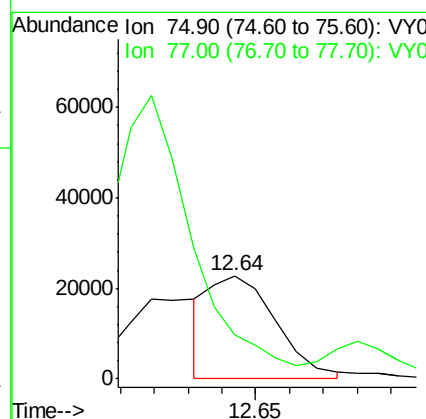
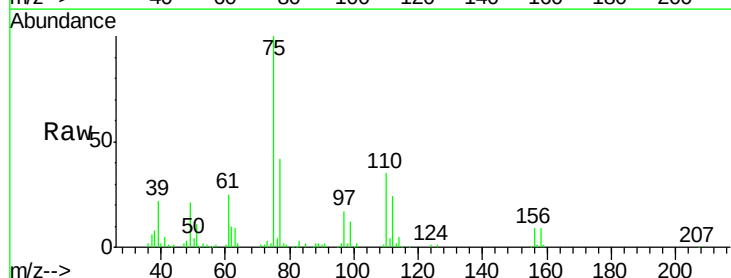
RT: 12.64 min Scan# 1789

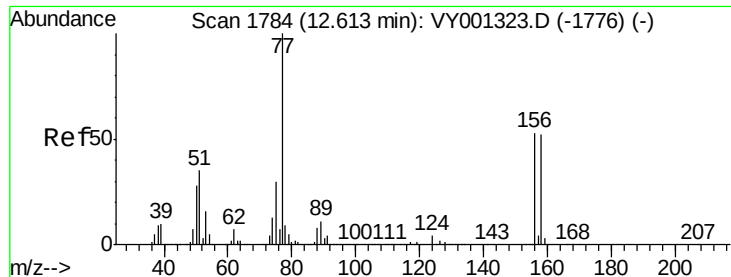
Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 31660 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 22.372 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA\_Y

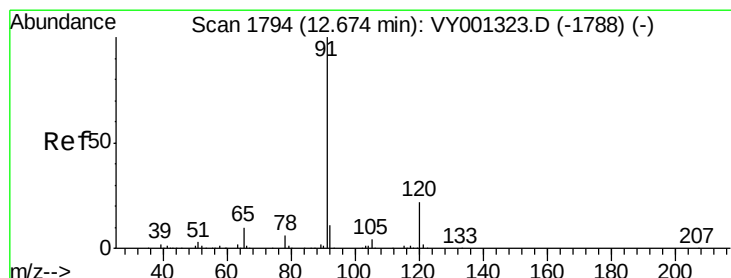
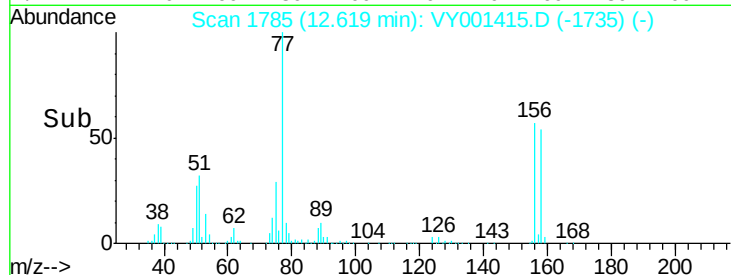
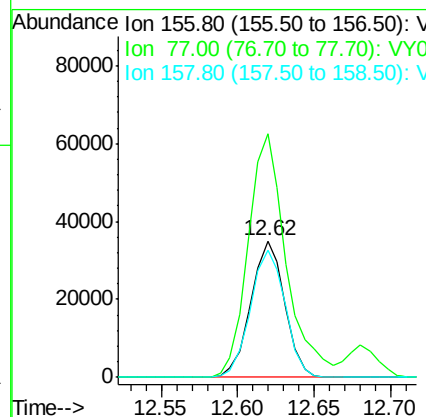
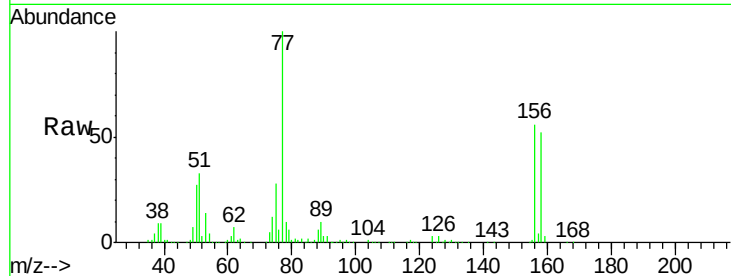
ClientSampleId :

VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 201.1 | 104.7 | 313.9 |
| 158     | 96.2  | 48.6  | 145.8 |

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#78

n-propylbenzene

Concen: 23.391 ug/l

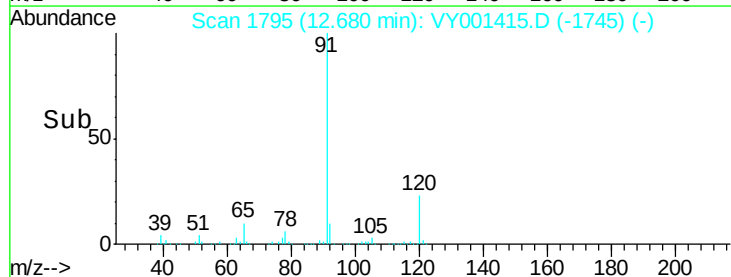
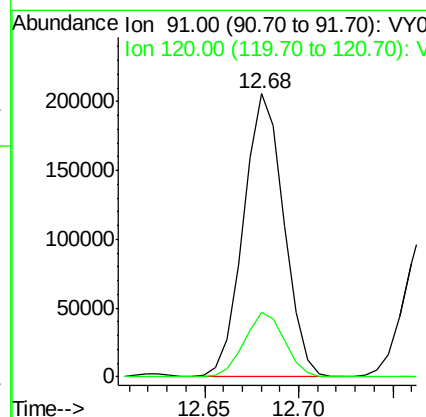
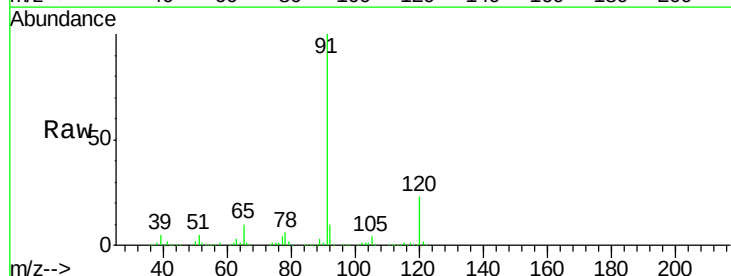
RT: 12.68 min Scan# 1795

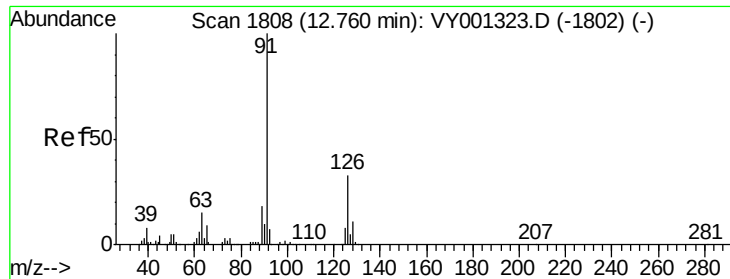
Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.9  | 11.3  | 33.8  |





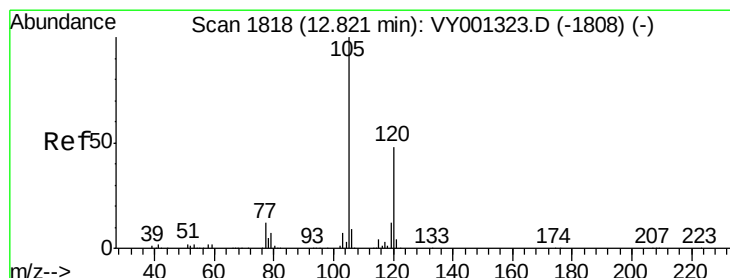
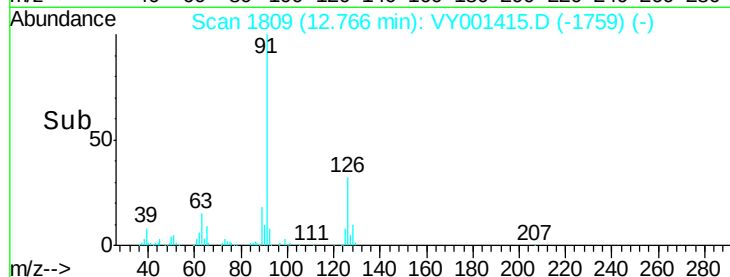
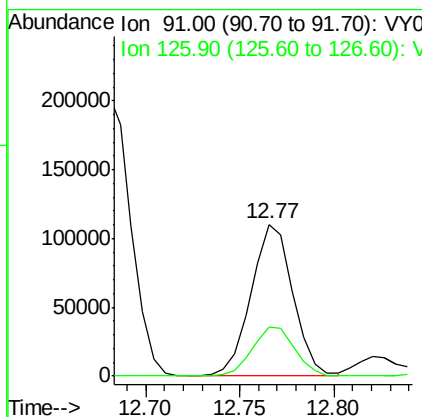
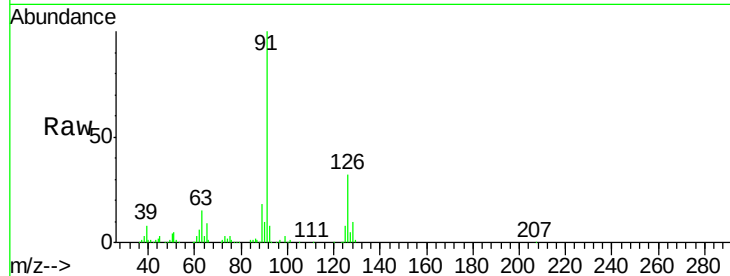
#79  
 2-Chlorotoluene  
 Concen: 22.754 ug/l  
 RT: 12.77 min Scan# 1809  
 Delta R.T. 0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0129SBS01

Tot Ion: 91 Resp: 169575  
 Ion Ratio Lower Upper  
 91 100  
 126 33.0 16.6 49.7

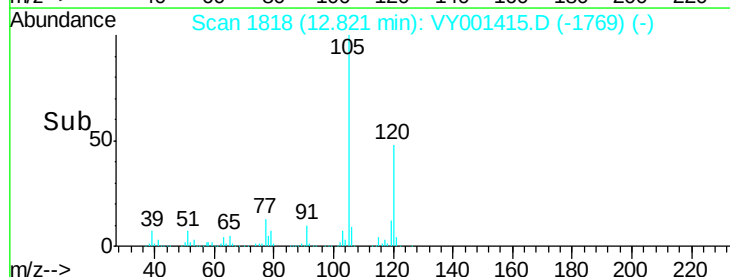
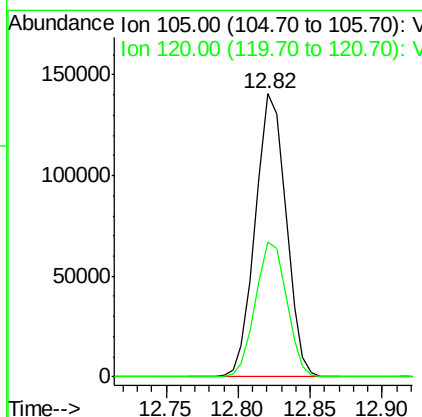
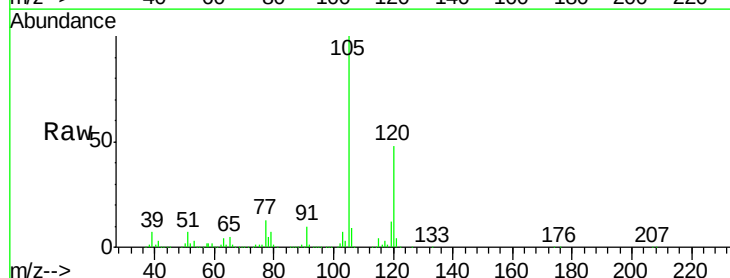
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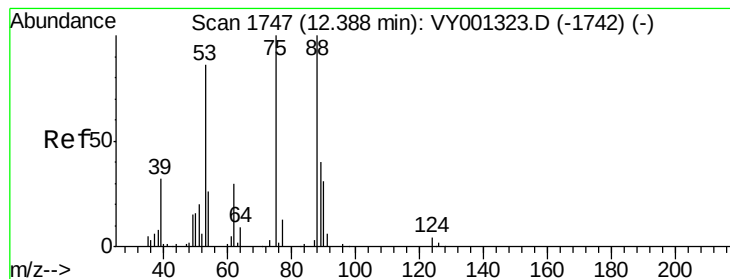
MMDadoda  
 1/30/2020 10:27:25 AM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 22.946 ug/l  
 RT: 12.82 min Scan# 1818  
 Delta R.T. -0.00 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

Tgt Ion: 105 Resp: 207591  
 Ion Ratio Lower Upper  
 105 100  
 120 48.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.482 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA\_Y

ClientSampled :

VY0129SBS01

Tot Ion: 75 Resp: 17039

Ion Ratio Lower Upper

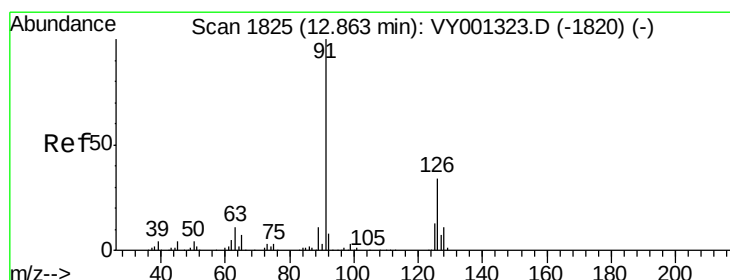
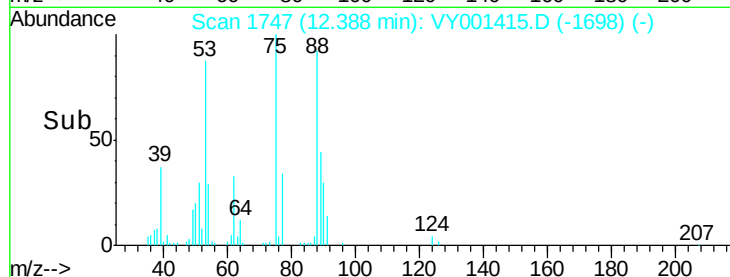
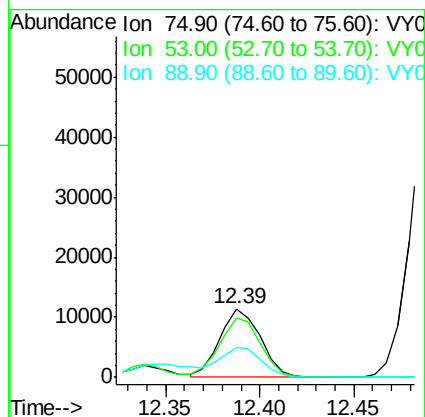
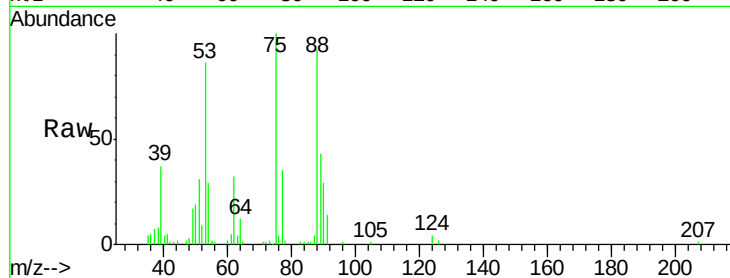
75 100

53 89.3 69.9 104.9

89 44.3 36.6 54.8

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#82

4-Chlorotoluene

Concen: 22.028 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001415.D

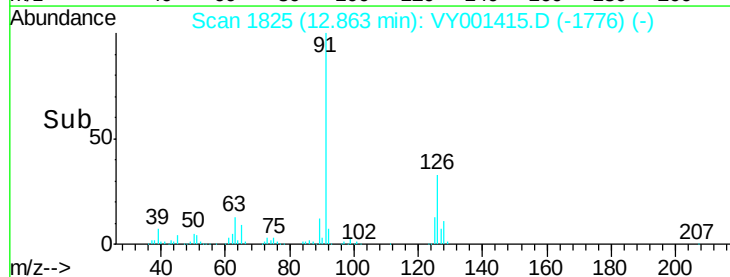
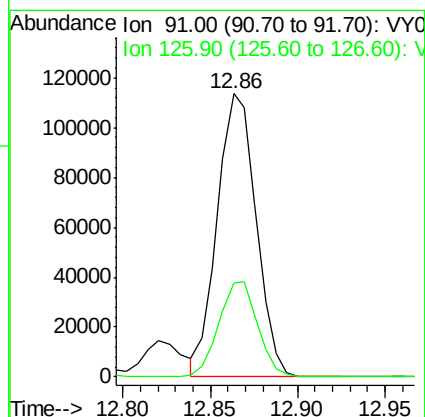
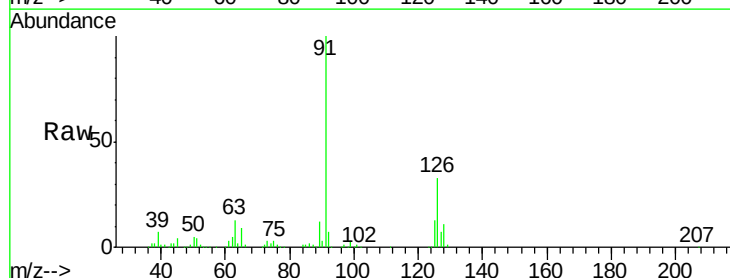
Acq: 29 Jan 2020 11:58

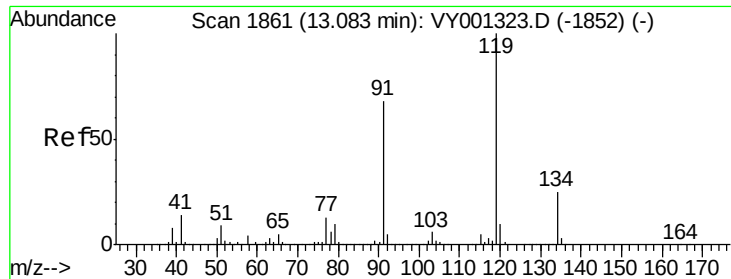
Tgt Ion: 91 Resp: 175355

Ion Ratio Lower Upper

91 100

126 33.8 16.4 49.4





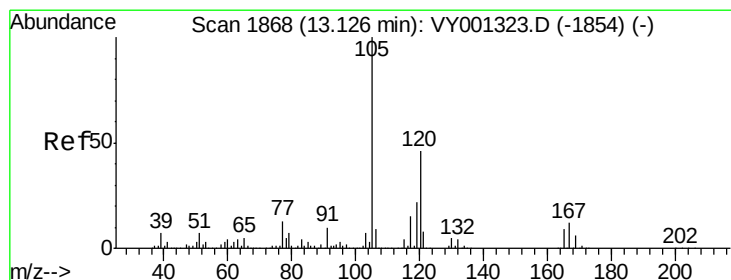
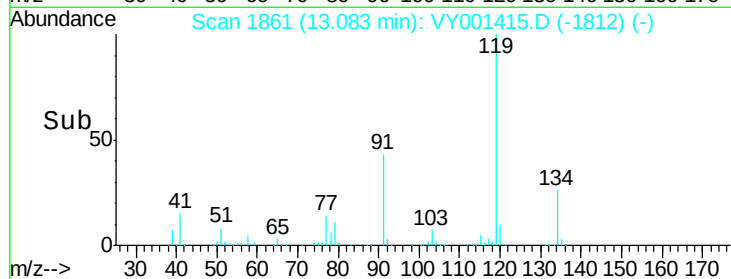
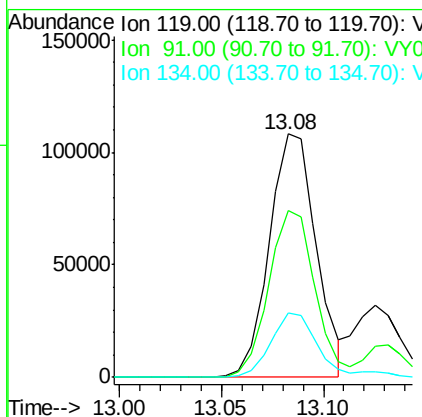
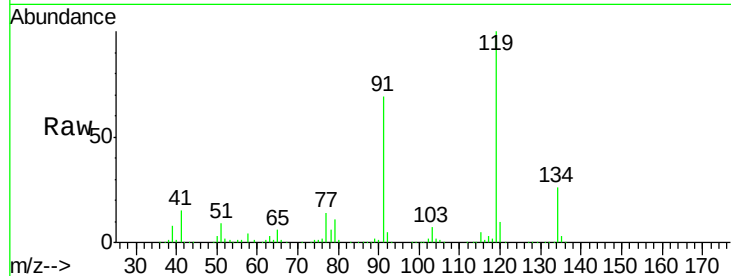
#83  
tert-Butylbenzene  
Concen: 22.745 ug/l  
RT: 13.08 min Scan# 1861  
Delta R.T. -0.00 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 173450 |       |       |
| 91      | 67.9  | 33.0   | 99.0  |       |
| 134     | 27.1  | 13.3   | 39.9  |       |

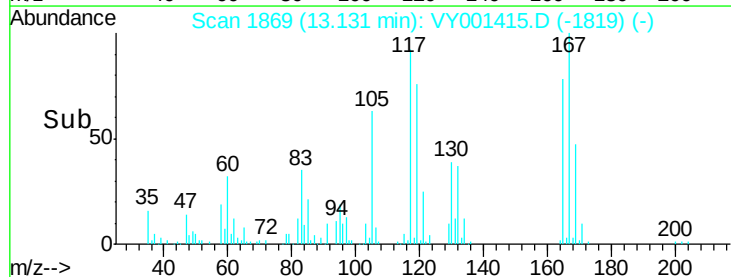
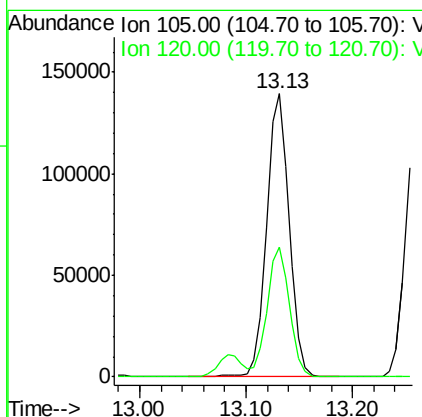
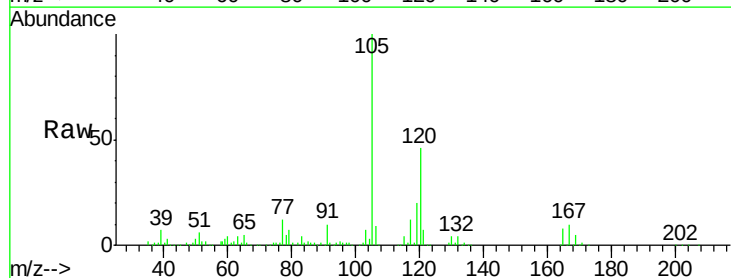
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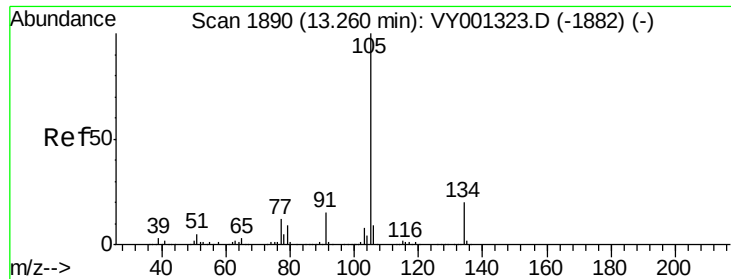
MMDadoda  
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#84  
1,2,4-Trimethylbenzene  
Concen: 22.796 ug/l  
RT: 13.13 min Scan# 1869  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 207050 |       |       |
| 120     | 45.5  | 22.4   | 67.3  |       |





#85

sec-Butylbenzene

Concen: 23.661 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

Instrument :

MSVOA\_Y

ClientSampleId :

VY0129SBS01

Tot Ion:105 Resp: 256361

Ion Ratio Lower Upper

105 100

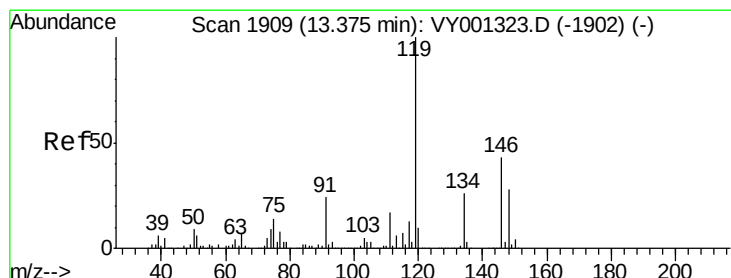
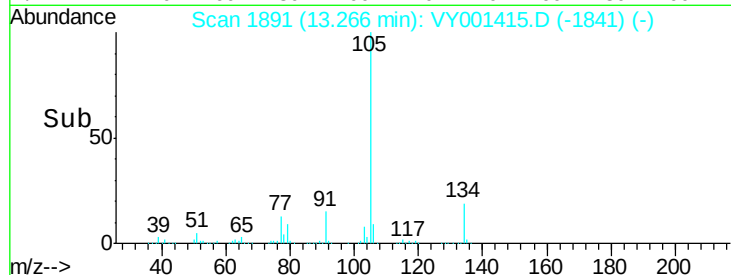
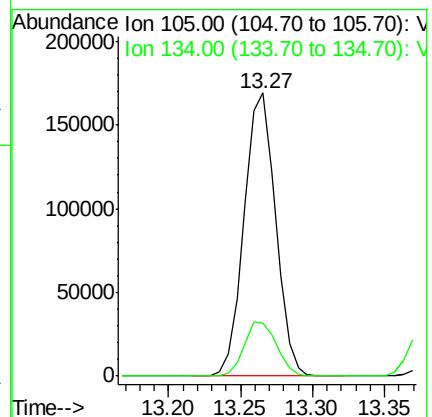
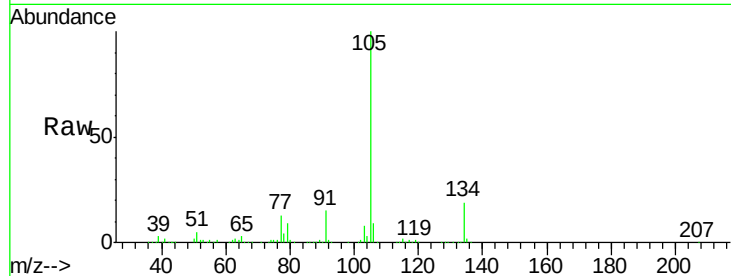
134 19.7 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 23.499 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001415.D

Acq: 29 Jan 2020 11:58

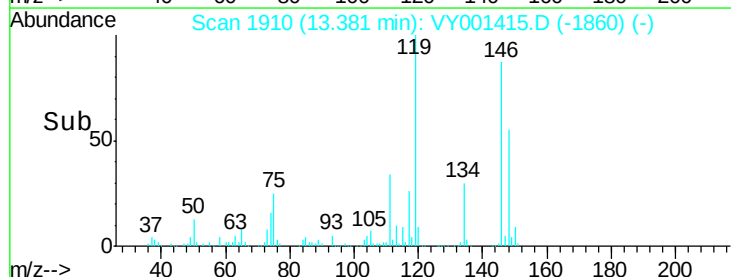
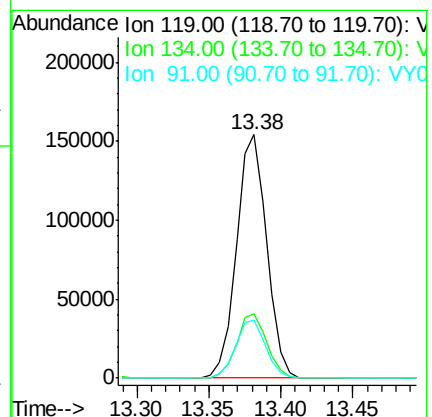
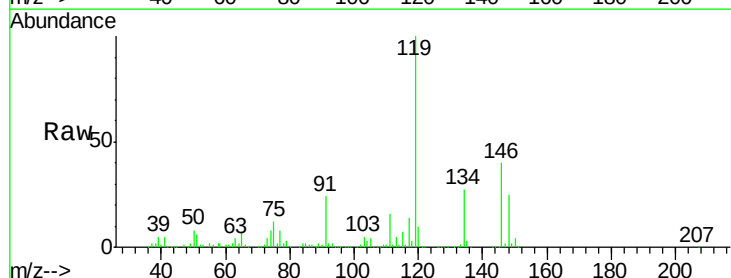
Tgt Ion:119 Resp: 224371

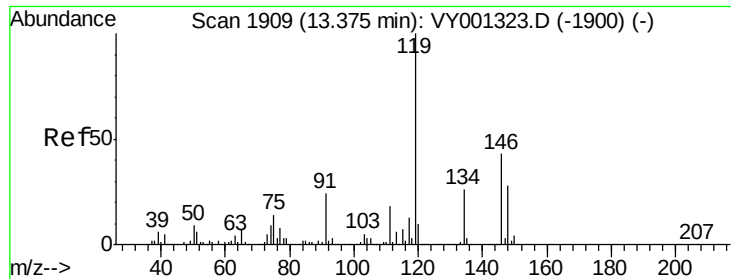
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 23.9 12.2 36.6





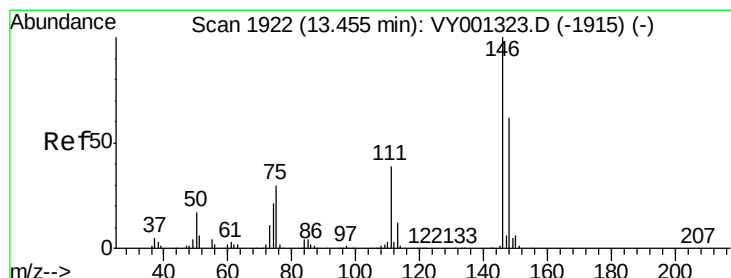
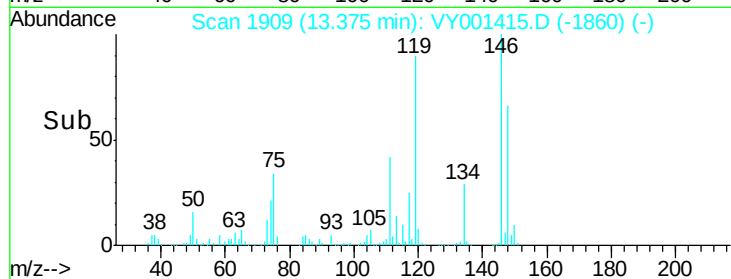
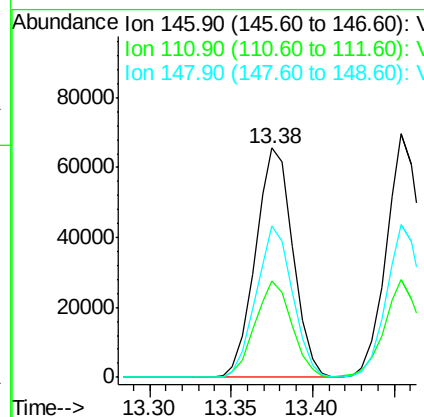
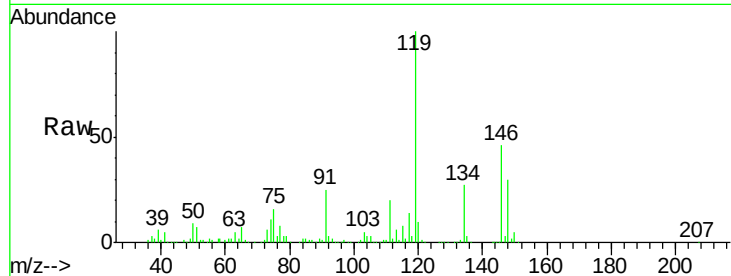
#87  
 1,3-Dichlorobenzene  
 Concen: 22.544 ug/l  
 RT: 13.38 min Scan# 1909  
 Delta R.T. -0.00 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0129SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 104224 |       |       |
| 111     | 41.4  | 20.6   | 61.8  |       |
| 148     | 64.2  | 31.6   | 95.0  |       |

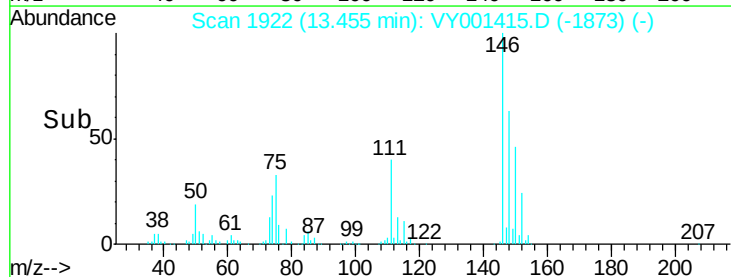
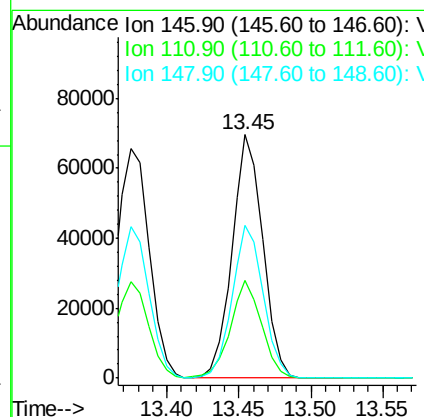
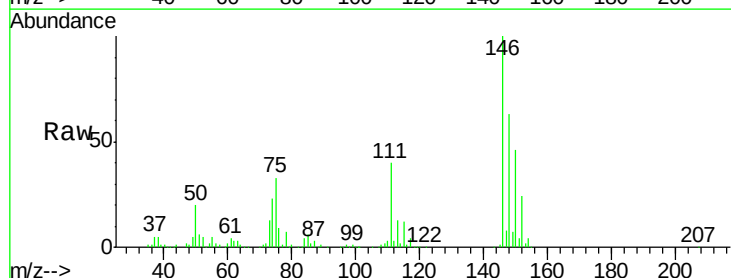
Manual Integrations  
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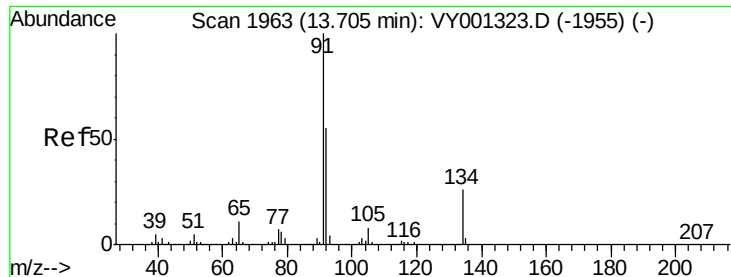


#88  
 1,4-Dichlorobenzene  
 Concen: 22.101 ug/l  
 RT: 13.45 min Scan# 1922  
 Delta R.T. -0.00 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 103747 |       |       |
| 111     | 41.1  | 20.5   | 61.5  |       |
| 148     | 63.5  | 31.6   | 95.0  |       |







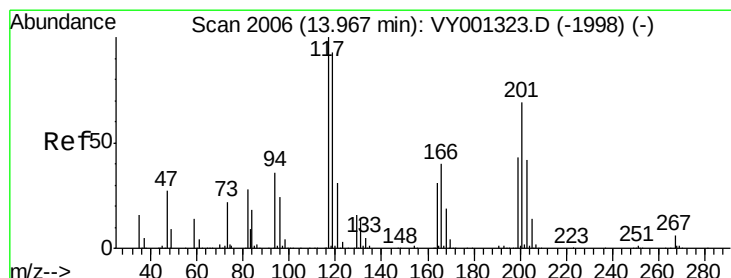
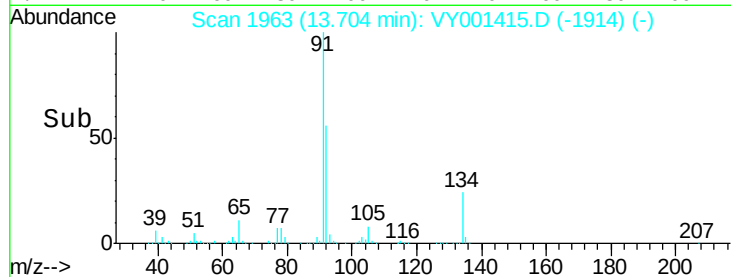
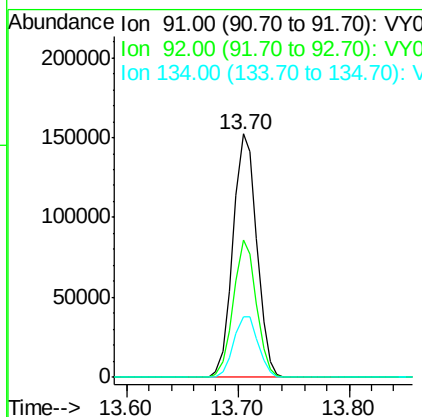
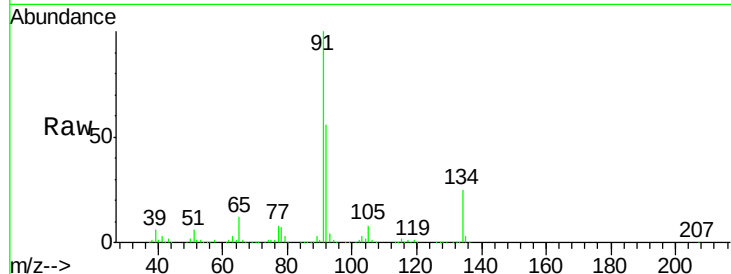
#89  
n-Butylbenzene  
Concen: 23.477 ug/l  
RT: 13.70 min Scan# 1963  
Delta R.T. -0.00 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 91      | 100   | 22595 |       |       |
| 92      | 54.2  |       | 27.6  | 82.8  |
| 134     | 25.6  |       | 12.9  | 38.6  |

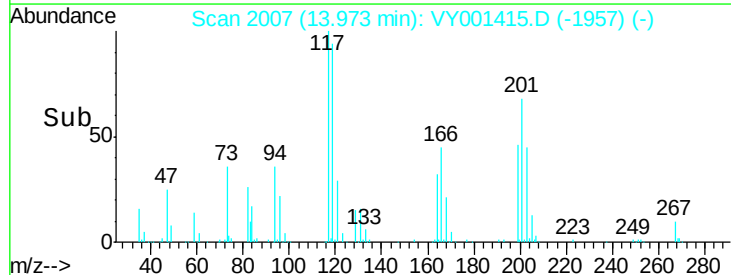
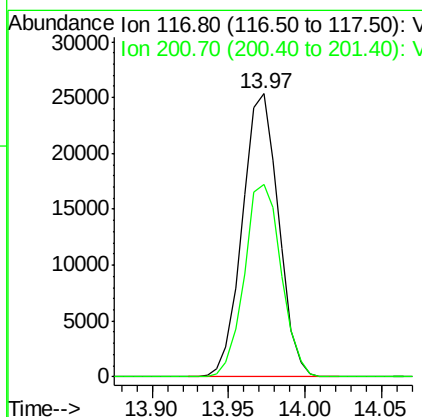
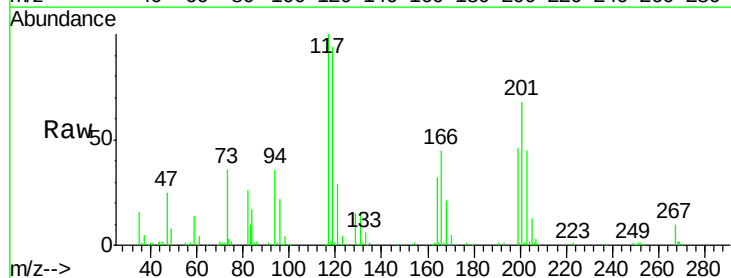
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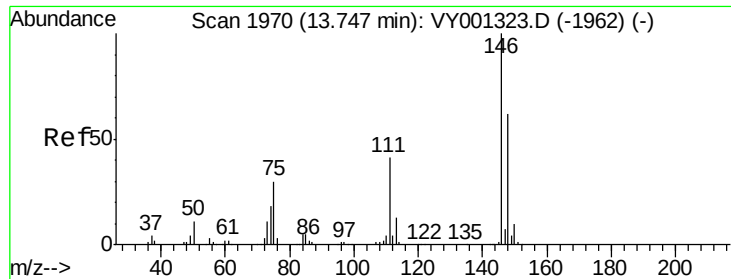
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#90  
Hexachloroethane  
Concen: 23.039 ug/l  
RT: 13.97 min Scan# 2007  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 41697 |       |       |
| 201     | 69.2  |       | 34.6  | 103.8 |





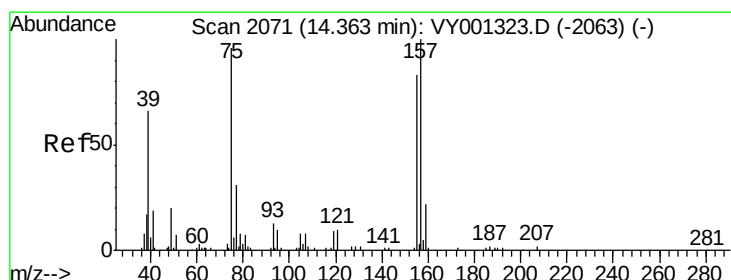
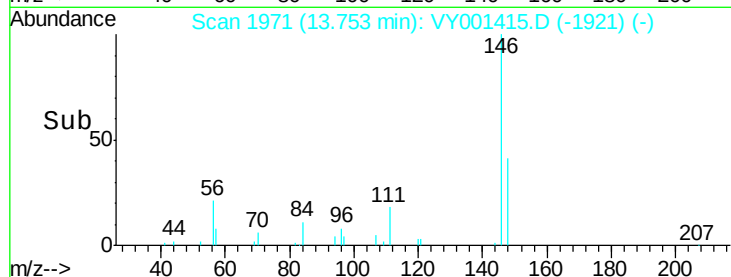
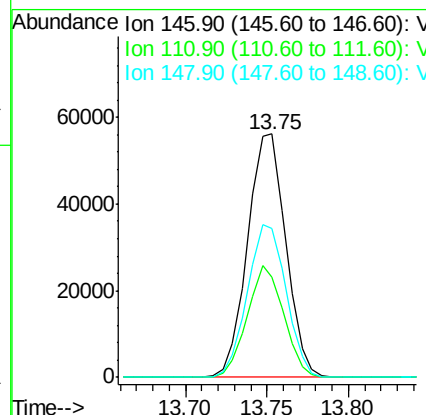
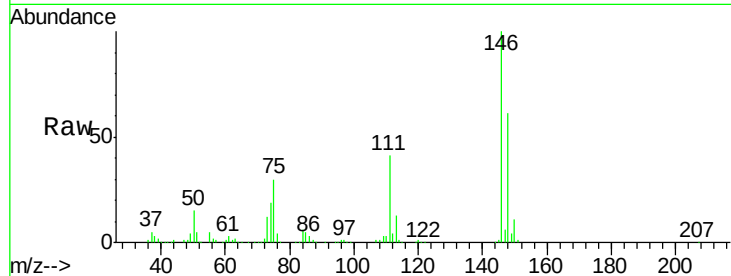
#91  
 1,2-Dichlorobenzene  
 Concen: 21.529 ug/l  
 RT: 13.75 min Scan# 1971  
 Delta R.T. 0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.8  | 21.1  | 63.4  |
| 148     | 63.4  | 31.5  | 94.5  |

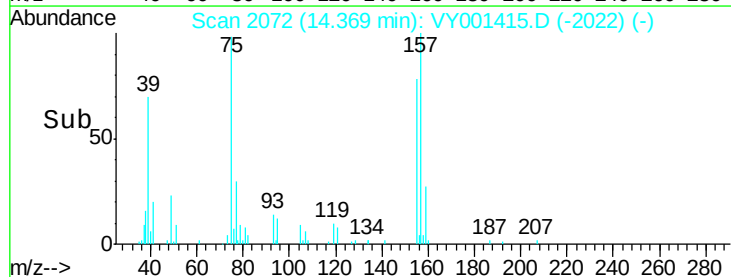
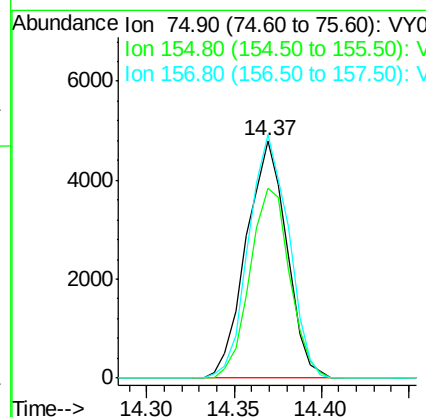
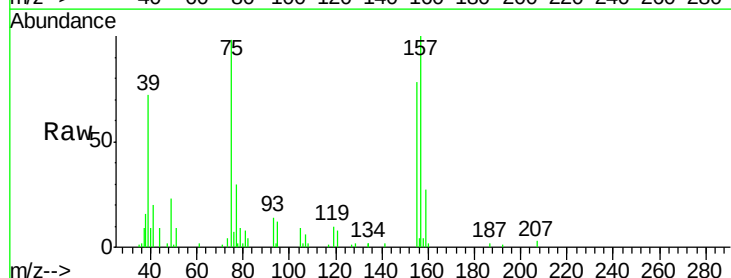
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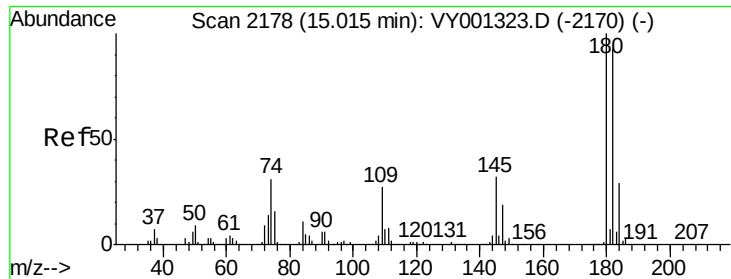
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.244 ug/l  
 RT: 14.37 min Scan# 2072  
 Delta R.T. 0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 78.9  | 43.0  | 129.2 |
| 157     | 100.9 | 53.3  | 160.0 |





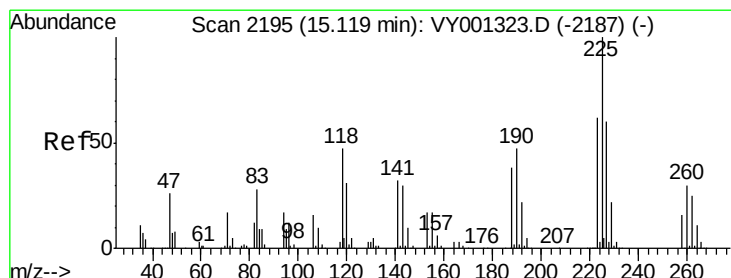
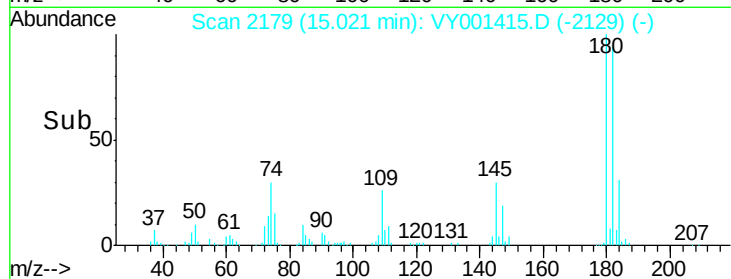
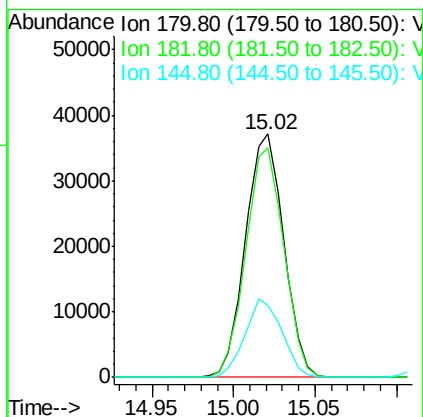
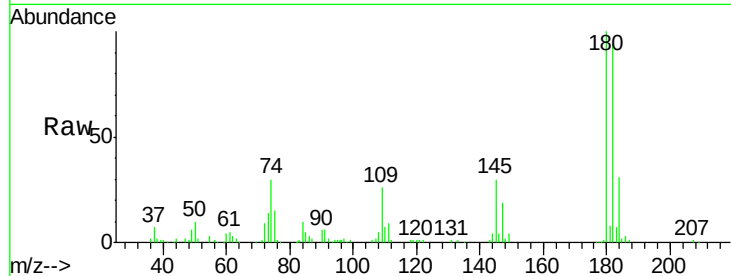
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.240 ug/l  
 RT: 15.02 min Scan# 2179  
 Delta R.T. 0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.8  | 47.6  | 142.8 |
| 145     | 31.2  | 16.3  | 48.9  |

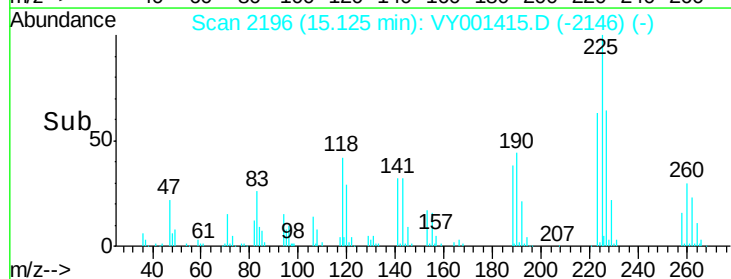
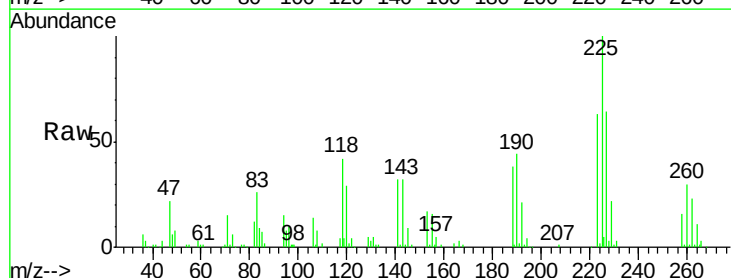
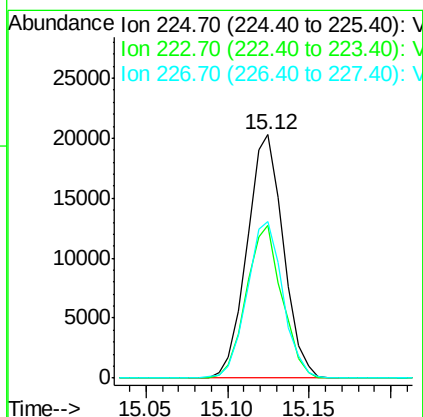
Manual Integrations  
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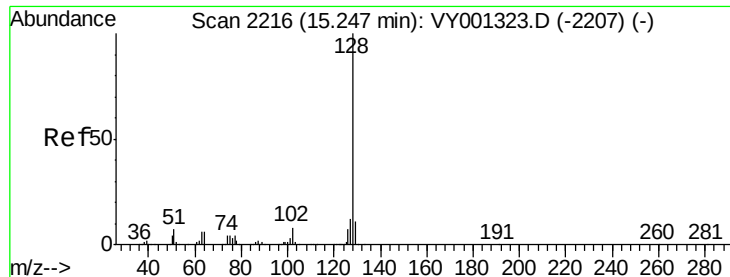
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#94  
 Hexachlorobutadiene  
 Concen: 22.533 ug/l  
 RT: 15.12 min Scan# 2196  
 Delta R.T. 0.01 min  
 Lab File: VY001415.D  
 Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.5  | 31.2  | 93.6  |
| 227     | 63.5  | 31.0  | 93.0  |





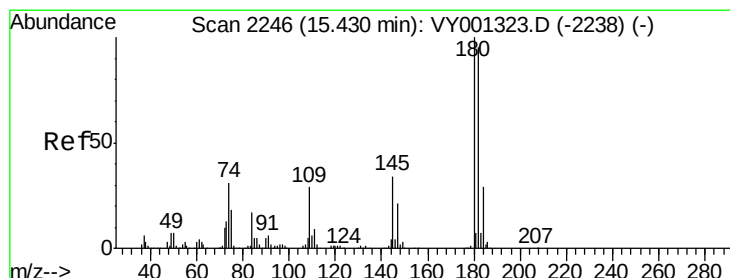
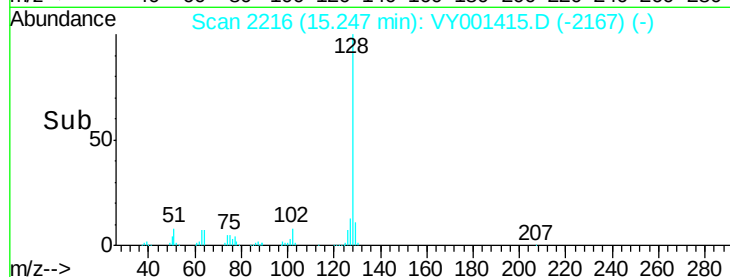
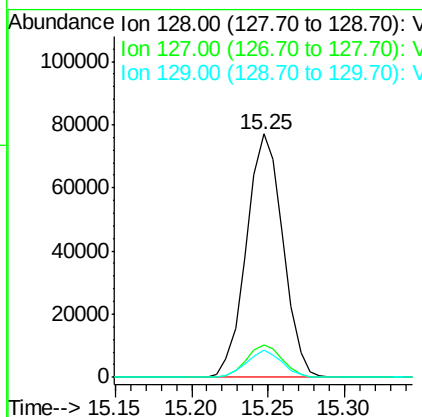
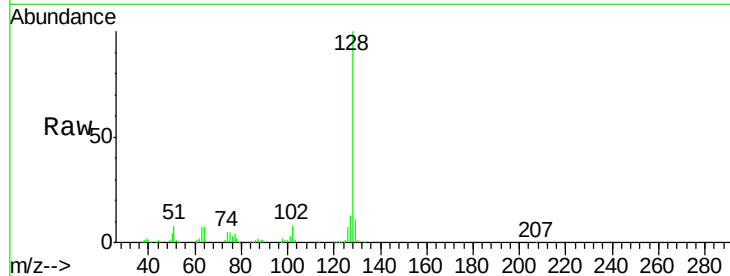
#95  
Naphthalene  
Concen: 19.543 ug/l  
RT: 15.25 min Scan# 2216  
Delta R.T. -0.00 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0129SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.1  | 10.2  | 15.2  |
| 129     | 10.7  | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 20.721 ug/l  
RT: 15.44 min Scan# 2247  
Delta R.T. 0.01 min  
Lab File: VY001415.D  
Acq: 29 Jan 2020 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.1  | 47.3  | 141.8 |
| 145     | 33.1  | 16.8  | 50.3  |

