

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100319\  
 Data File : VY000183.D  
 Acq On : 03 Oct 2019 13:20  
 Operator : SY/MD  
 Sample : VSTDIC005  
 Misc : 5.0ml/MSVOA Y/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 10/7/2019 12:50:44 PM

Quant Time: Oct 04 05:46:23 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y100319W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 04 05:30:54 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 377748   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.70  | 114  | 574127   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 497487   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 250764   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.16  | 65   | 17485    | 4.43 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 8.86% |          |
| 35) Dibromofluoromethane    | 7.73  | 113  | 16052    | 4.51 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 9.02% |          |
| 50) Toluene-d8              | 10.19 | 98   | 60559    | 4.46 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 8.92% |          |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 22059    | 4.65 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 9.30% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.90 | 85   | 14714    | 5.850  | ug/l   | 100    |
| 3) Chloromethane              | 2.12 | 50   | 17529    | 6.725  | ug/l # | 85     |
| 4) Vinyl Chloride             | 2.25 | 62   | 19706    | 6.973  | ug/l   | 98     |
| 5) Bromomethane               | 2.63 | 94   | 16397    | 8.883  | ug/l   | 86     |
| 6) Chloroethane               | 2.79 | 64   | 12428    | 6.312  | ug/l   | 91     |
| 7) Trichlorofluoromethane     | 3.11 | 101  | 29357    | 6.509  | ug/l   | 92     |
| 8) Diethyl Ether              | 3.54 | 74   | 11610    | 5.817  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101  | 16741    | 5.871  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.09 | 142  | 21980    | 5.673  | ug/l   | 97     |
| 11) Tert butyl alcohol        | 4.97 | 59   | 57752    | 30.518 | ug/l # | 86     |
| 12) 1,1-Dichloroethene        | 3.86 | 96   | 17873    | 6.667  | ug/l   | 89     |
| 13) Acrolein                  | 3.74 | 56   | 25027    | 30.697 | ug/l   | 97     |
| 14) Allyl chloride            | 4.49 | 41   | 23571    | 6.311  | ug/l   | 93     |
| 15) Acrylonitrile             | 5.18 | 53   | 81186    | 26.709 | ug/l   | 98     |
| 16) Acetone                   | 3.96 | 43   | 71402    | 28.307 | ug/l   | 96     |
| 17) Carbon Disulfide          | 4.19 | 76   | 45529    | 8.431  | ug/l # | 93     |
| 18) Methyl Acetate            | 4.48 | 43   | 36996    | 5.251  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.24 | 73   | 57169    | 5.284  | ug/l   | 96     |
| 20) Methylene Chloride        | 4.72 | 84   | 20012    | 6.060  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 5.22 | 96   | 18686    | 6.463  | ug/l   | 97     |
| 22) Diisopropyl ether         | 6.13 | 45   | 51204    | 5.169  | ug/l   | 97     |
| 23) Vinyl Acetate             | 6.07 | 43   | 229935   | 26.995 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.03 | 63   | 29987    | 5.658  | ug/l   | 98     |
| 25) 2-Butanone                | 7.00 | 43   | 118060   | 26.326 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.99 | 77   | 30482    | 5.912  | ug/l   | 93     |
| 27) cis-1,2-Dichloroethene    | 7.00 | 96   | 23160    | 6.091  | ug/l   | 95     |
| 28) Bromochloromethane        | 7.35 | 49   | 11175    | 5.358  | ug/l   | 93     |
| 29) Tetrahydrofuran           | 7.36 | 42   | 77559    | 25.921 | ug/l   | 94     |
| 30) Chloroform                | 7.51 | 83   | 32996    | 5.435  | ug/l   | 96     |
| 31) Cyclohexane               | 7.79 | 56   | 31684    | 8.154  | ug/l # | 85     |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97   | 29369    | 5.669  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.92 | 75   | 24134    | 6.418  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.08 | 43   | 36412    | 5.180  | ug/l # | 94     |
| 38) Carbon Tetrachloride      | 7.90 | 117  | 25455    | 5.522  | ug/l   | 95     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100319\  
 Data File : VY000183.D  
 Acq On : 03 Oct 2019 13:20  
 Operator : SY/MD  
 Sample : VSTDIC005  
 Misc : 5.0ml/MSVOA Y/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 10/7/2019 12:50:44 PM

Quant Time: Oct 04 05:46:23 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y100319W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 04 05:30:54 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 30435    | 6.859   | ug/l   | 95       |
| 40) Benzene                    | 8.17  | 78   | 74725    | 5.993   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.33  | 41   | 18860m   | 5.660   | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.24  | 62   | 24420    | 5.633   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.28  | 43   | 49010    | 5.171   | ug/l   | 95       |
| 44) Trichloroethene            | 8.95  | 130  | 23321    | 5.993   | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 17701    | 5.535   | ug/l   | 97       |
| 46) Dibromomethane             | 9.32  | 93   | 13503    | 5.673   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.50  | 83   | 25241    | 5.191   | ug/l   | 93       |
| 48) Methyl methacrylate        | 9.30  | 41   | 21499    | 5.091   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.31  | 88   | 13826    | 105.025 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 183508   | 24.556  | ug/l   | 99       |
| 52) Toluene                    | 10.25 | 92   | 46962    | 5.694   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 27515    | 5.153   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 31015    | 5.570   | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane      | 10.65 | 97   | 19048    | 5.023   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 29063    | 4.938   | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 32039    | 5.428   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 69919    | 23.281  | ug/l   | 94       |
| 59) 2-Hexanone                 | 10.84 | 43   | 155392   | 24.683  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.99 | 129  | 22032    | 5.050   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 21149    | 5.500   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.72 | 164  | 24097    | 6.219   | ug/l   | 96       |
| 65) Chlorobenzene              | 11.52 | 112  | 54177    | 5.742   | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 20590    | 5.292   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.60 | 91   | 87352    | 5.549   | ug/l   | 93       |
| 68) m/p-Xylenes                | 11.70 | 106  | 70956    | 11.360  | ug/l   | 98       |
| 69) o-Xylene                   | 12.03 | 106  | 34042    | 5.438   | ug/l   | 93       |
| 70) Styrene                    | 12.05 | 104  | 56408    | 5.232   | ug/l   | 99       |
| 71) Bromoform                  | 12.20 | 173  | 16442    | 4.588   | ug/l # | 95       |
| 73) Isopropylbenzene           | 12.33 | 105  | 89045    | 5.375   | ug/l   | 98       |
| 74) N-amyl acetate             | 12.14 | 43   | 32884    | 4.511   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 29325    | 4.988   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 21071m   | 4.792   | ug/l   |          |
| 77) Bromobenzene               | 12.61 | 156  | 24487    | 5.371   | ug/l   | 97       |
| 78) n-propylbenzene            | 12.67 | 91   | 98268    | 5.305   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.76 | 91   | 59121    | 5.416   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 73405    | 5.284   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 11063    | 4.505   | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 57423    | 4.941   | ug/l   | 95       |
| 83) tert-Butylbenzene          | 13.08 | 119  | 67390    | 5.322   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 71363    | 5.176   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.25 | 105  | 86656    | 5.113   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 79712    | 5.128   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.37 | 146  | 42760    | 5.193   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 44529    | 5.195   | ug/l   | 95       |
| 89) n-Butylbenzene             | 13.70 | 91   | 64811    | 4.747   | ug/l   | 98       |
| 90) Hexachloroethane           | 13.95 | 117  | 14523    | 4.714   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.74 | 146  | 43218    | 5.166   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 8723     | 4.422   | ug/l   | 96       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100319\  
Data File : VY000183.D  
Acq On : 03 Oct 2019 13:20  
Operator : SY/MD  
Sample : VSTDICC005  
Misc : 5.0ml/MSVOA Y/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC005

Manual Integrations  
APPROVED

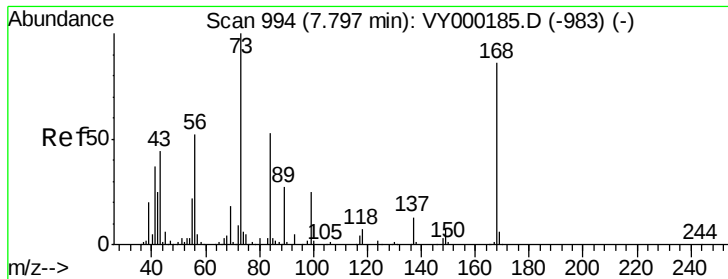
MMDadoda  
10/7/2019 12:50:44 PM

Quant Time: Oct 04 05:46:23 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y100319W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 04 05:30:54 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180  | 28861    | 4.714 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 14499    | 5.096 | ug/l  | 99       |
| 95) Naphthalene            | 15.23 | 128  | 99440    | 4.600 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 28405    | 4.690 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 377748

Ion Ratio Lower Upper

168 100

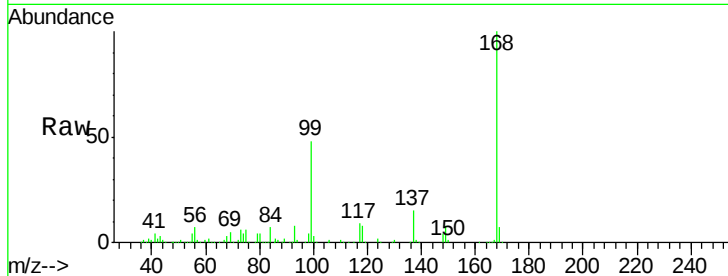
99 47.5 39.0 58.6

Manual Integrations

APPROVED

MMDadoda

10/7/2019 12:50:44 PM



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

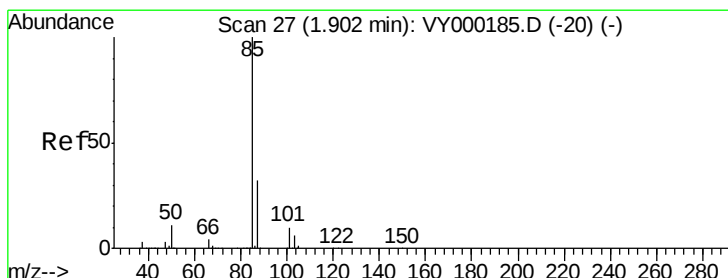
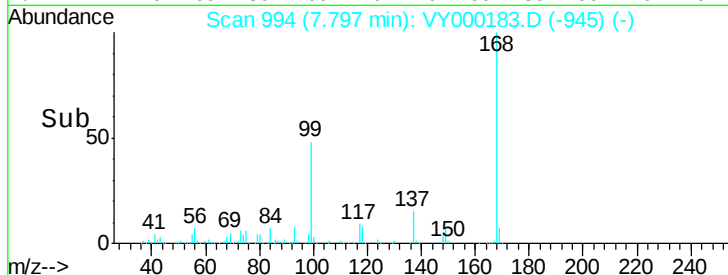
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 5.850 ug/l

RT: 1.90 min Scan# 26

Delta R.T. -0.01 min

Lab File: VY000183.D

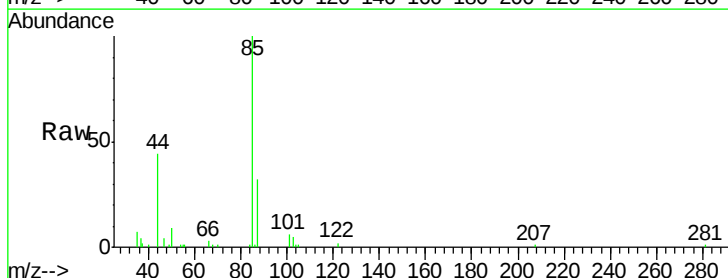
Acq: 03 Oct 2019 13:20

Tgt Ion: 85 Resp: 14714

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

10000

8000

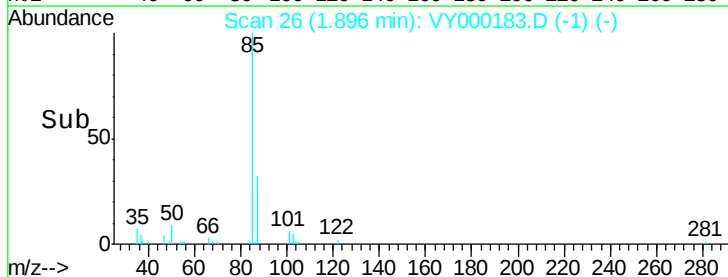
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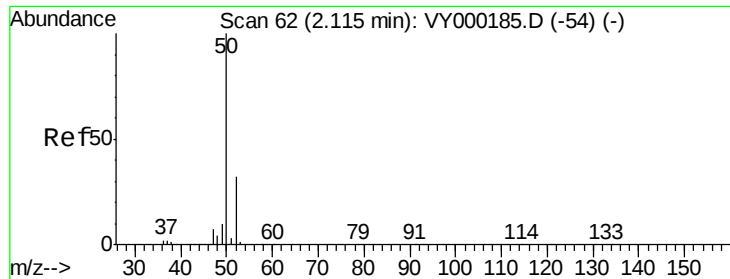
4000

2000

0

Time-->





#3

Chloromethane

Concen: 6.725 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 17529

Ion Ratio Lower Upper

50 100

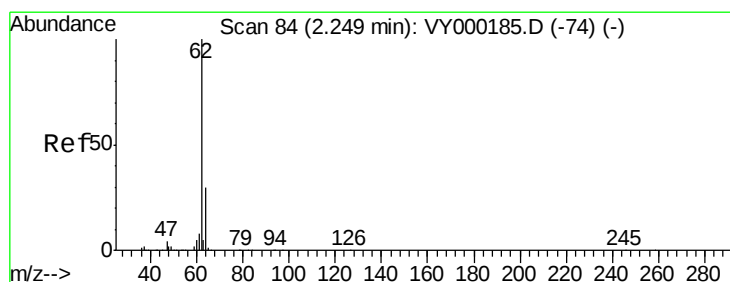
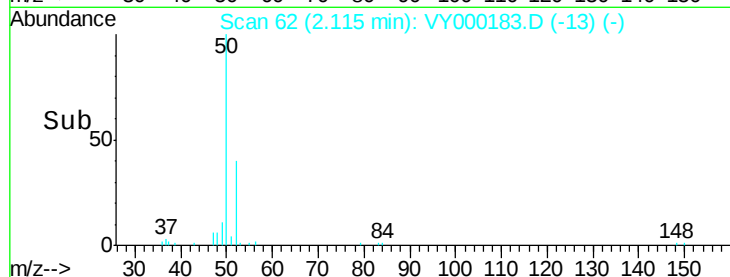
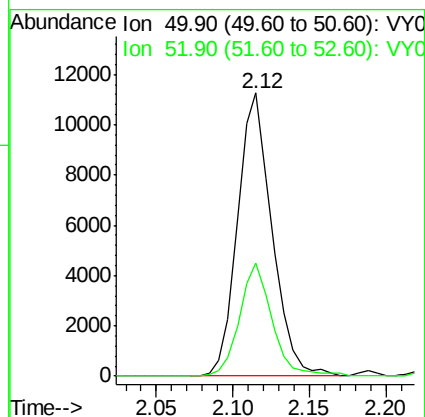
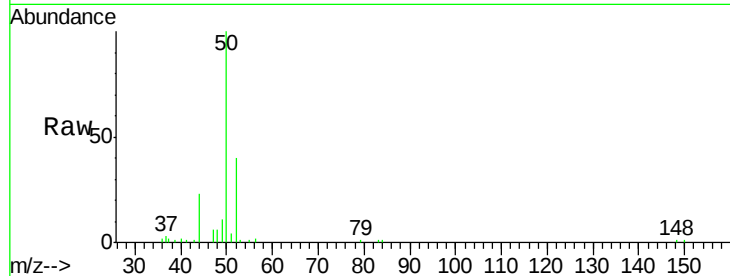
52 39.9 25.3 37.9#

Manual Integrations

APPROVED

MMDadoda

10/7/2019 12:50:44 PM



#4

Vinyl Chloride

Concen: 6.973 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000183.D

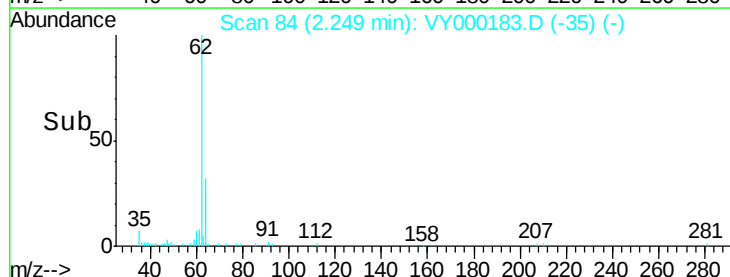
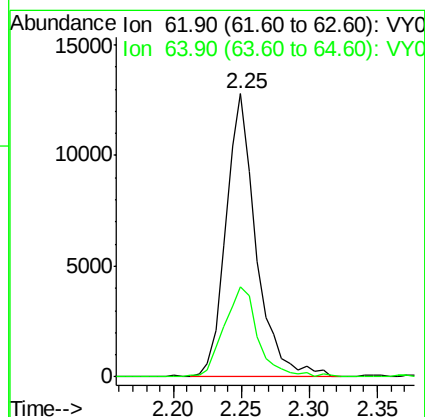
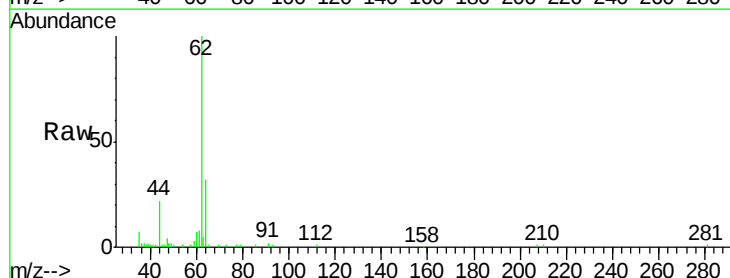
Acq: 03 Oct 2019 13:20

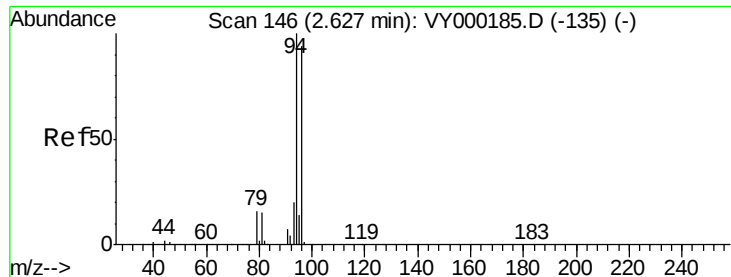
Tgt Ion: 62 Resp: 19706

Ion Ratio Lower Upper

62 100

64 31.7 24.3 36.5





#5

Bromomethane

Concen: 8.883 ug/l

RT: 2.63 min Scan# 146

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 16397

Ion Ratio Lower Upper

94 100

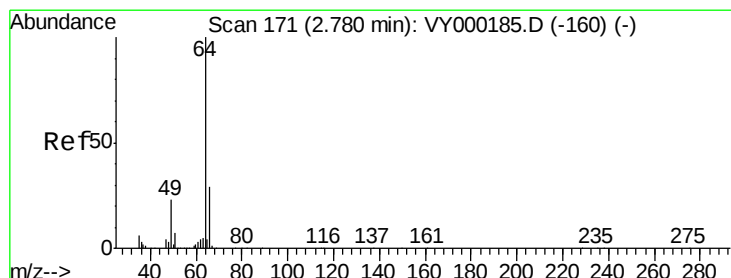
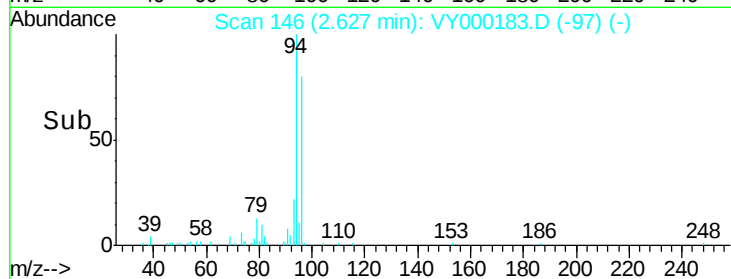
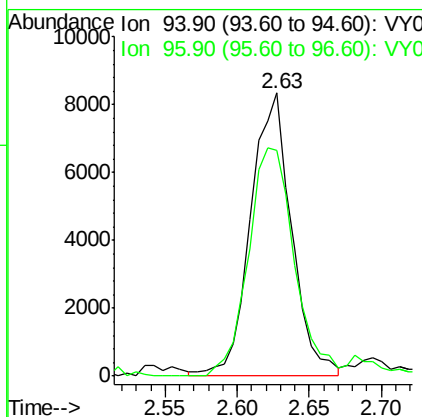
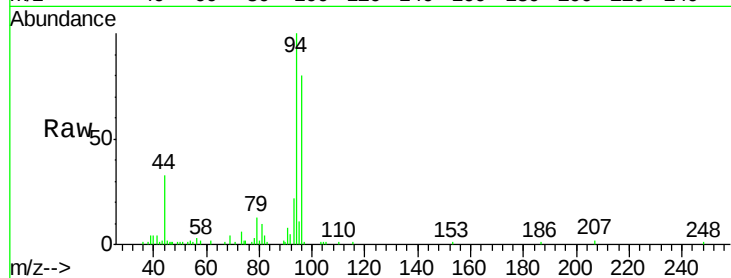
96 80.7 75.3 112.9

Manual Integrations

APPROVED

MMDadoda

10/7/2019 12:50:44 PM



#6

Chloroethane

Concen: 6.312 ug/l

RT: 2.79 min Scan# 172

Delta R.T. 0.01 min

Lab File: VY000183.D

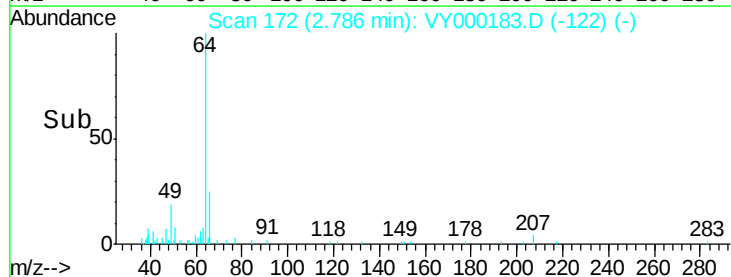
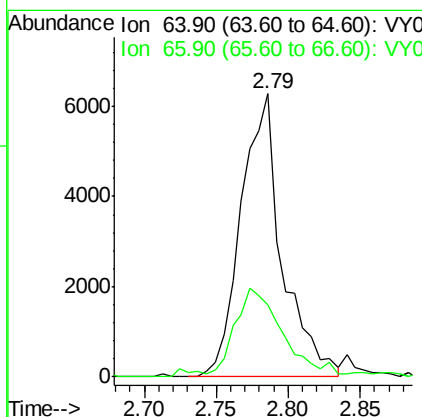
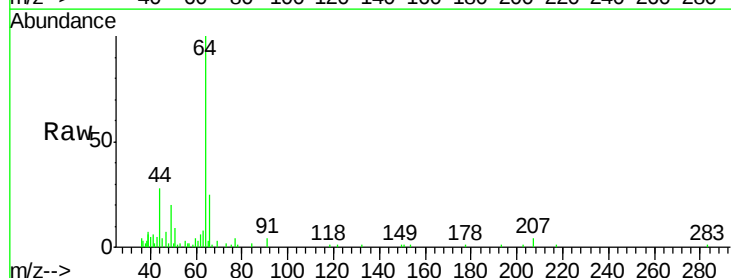
Acq: 03 Oct 2019 13:20

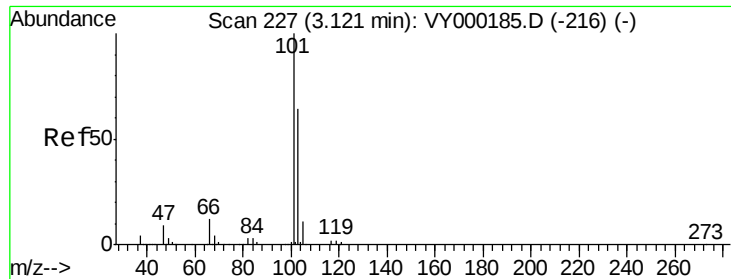
Tgt Ion: 64 Resp: 12428

Ion Ratio Lower Upper

64 100

66 24.2 23.1 34.7





#7

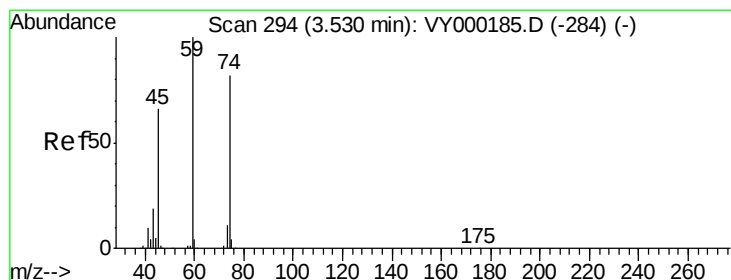
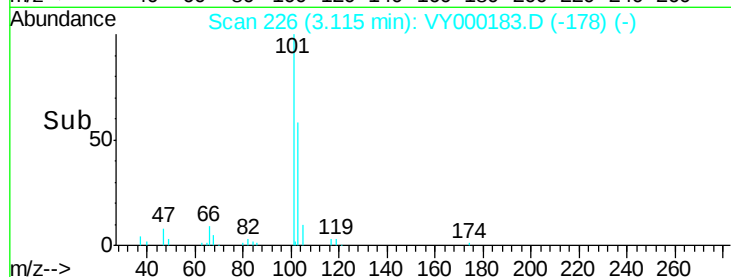
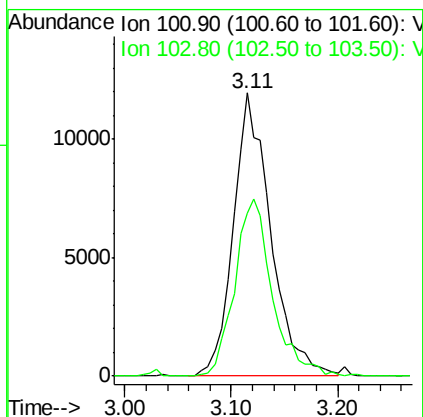
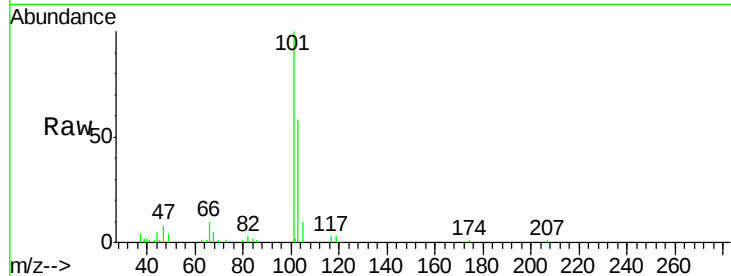
Trichlorofluoromethane  
Concen: 6.509 ug/l  
RT: 3.11 min Scan# 226  
Delta R.T. -0.01 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 57.6  | 51.3  | 76.9  |

Manual Integrations  
APPROVED

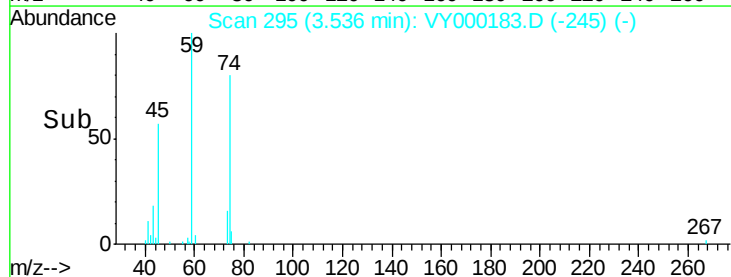
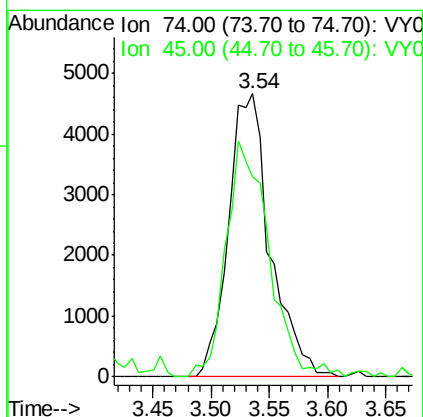
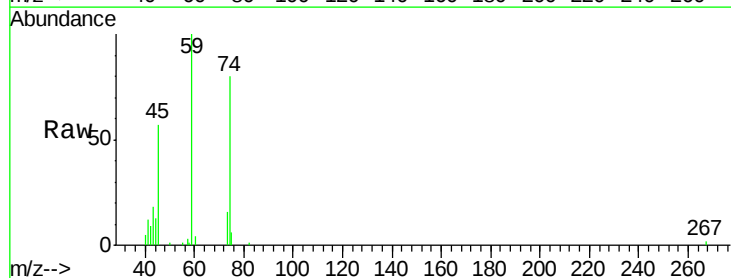
MMDadoda  
10/7/2019 12:50:44 PM

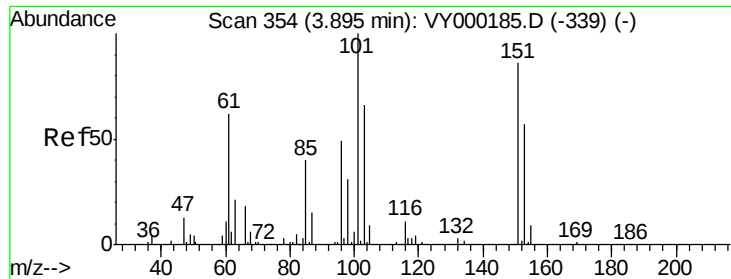


#8

Diethyl Ether  
Concen: 5.817 ug/l  
RT: 3.54 min Scan# 295  
Delta R.T. 0.01 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 84.3  | 40.6  | 121.7 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.871 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

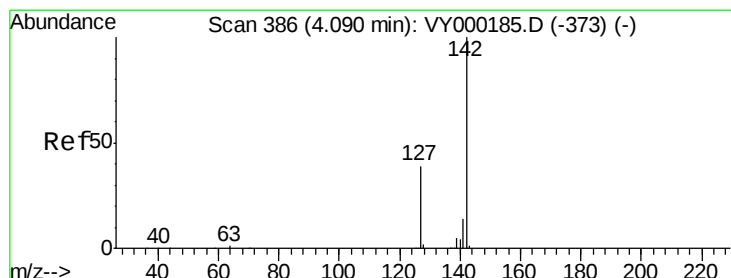
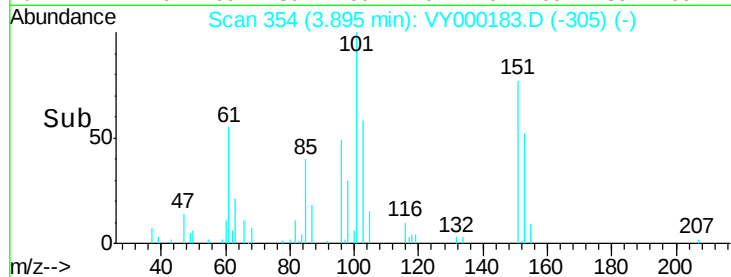
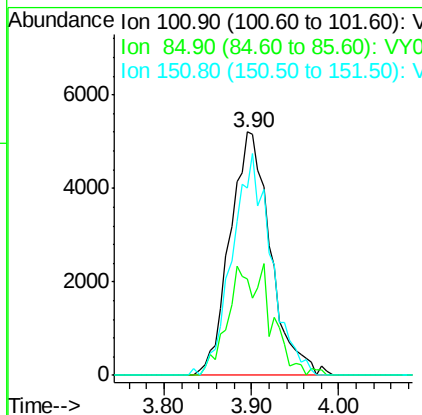
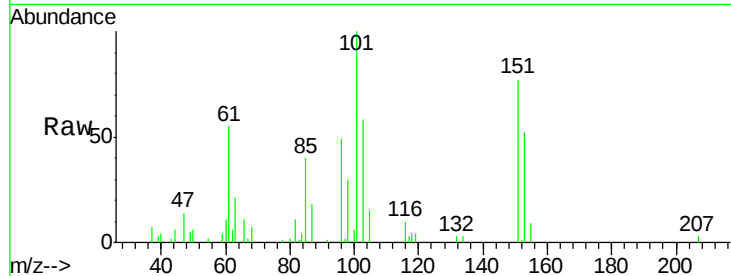
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 16741 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 46.4  | 33.8  | 50.6  |
| 151       | 87.4  | 69.7  | 104.5 |

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#10

Methyl Iodide

Concen: 5.673 ug/l

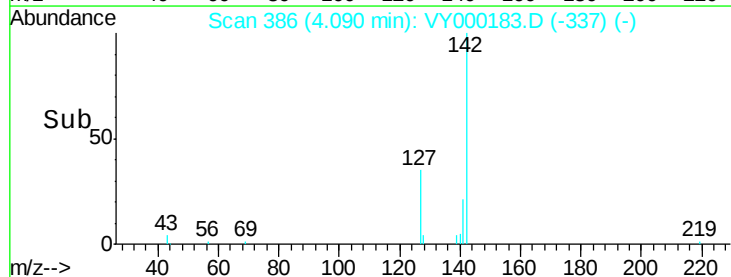
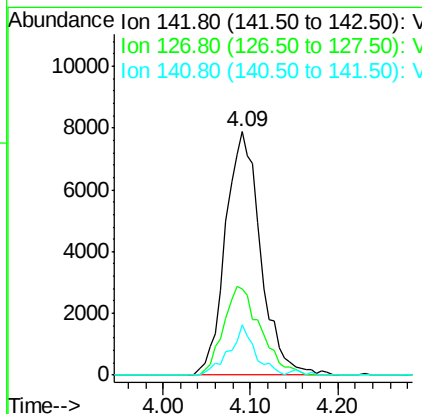
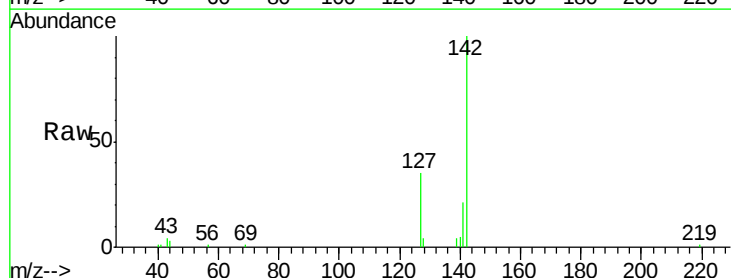
RT: 4.09 min Scan# 386

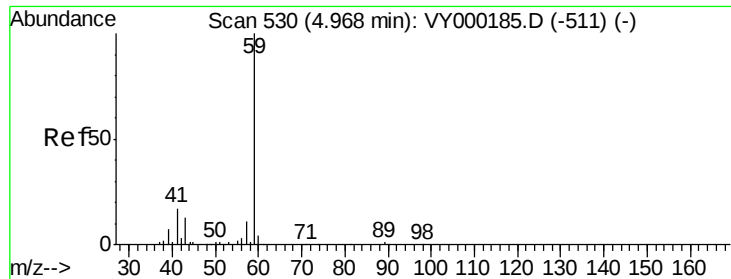
Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 21980 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 38.1  | 31.7  | 47.5  |
| 141       | 15.2  | 11.0  | 16.6  |





#11

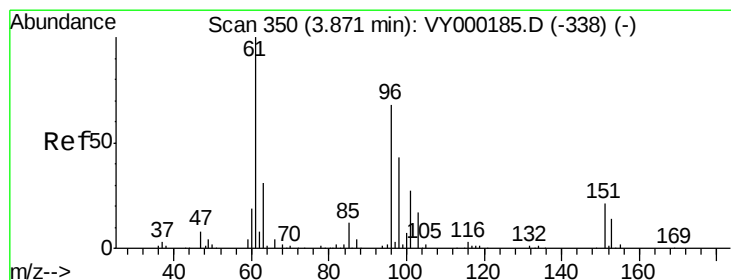
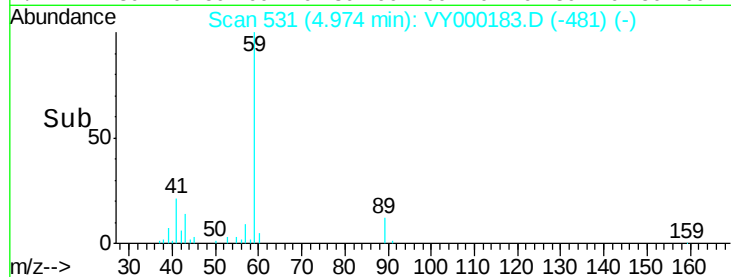
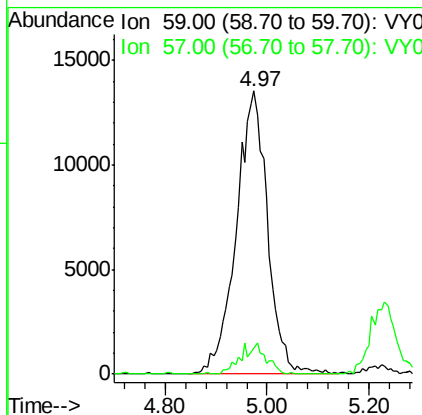
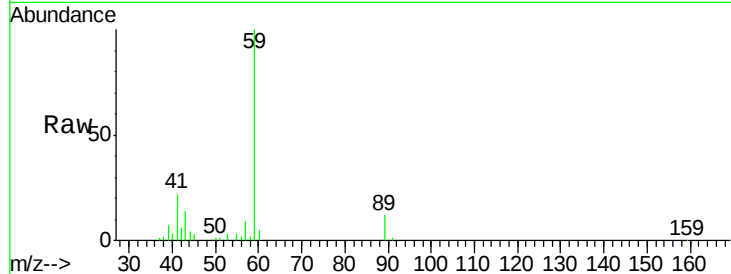
Tert butyl alcohol  
 Concen: 30.518 ug/l  
 RT: 4.97 min Scan# 531  
 Delta R.T. 0.01 min  
 Lab File: VY000183.D  
 Acq: 03 Oct 2019 13:20

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

Tot Ion: 59 Resp: 57752  
 Ion Ratio Lower Upper  
 59 100  
 57 4.6 7.8 11.8#

Manual Integrations  
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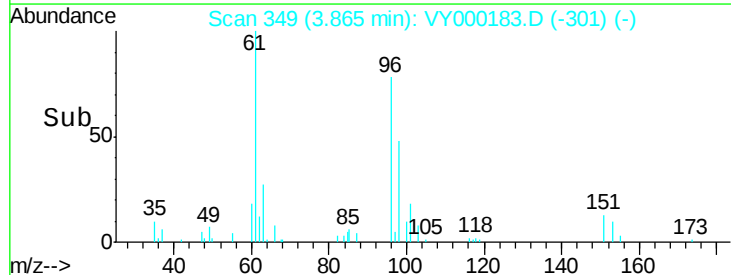
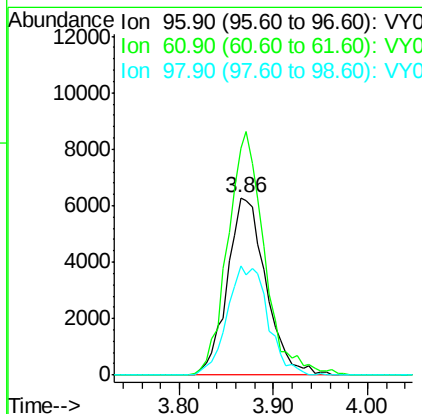
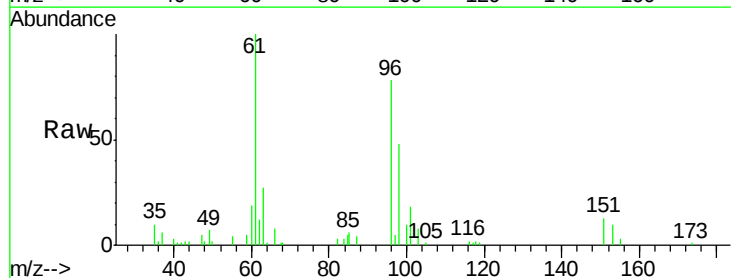
MMDadoda  
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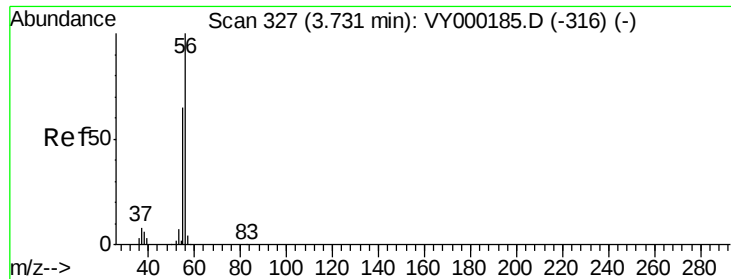


#12

1,1-Dichloroethene  
 Concen: 6.667 ug/l  
 RT: 3.86 min Scan# 349  
 Delta R.T. -0.01 min  
 Lab File: VY000183.D  
 Acq: 03 Oct 2019 13:20

Tgt Ion: 96 Resp: 17873  
 Ion Ratio Lower Upper  
 96 100  
 61 128.2 117.1 175.7  
 98 61.5 50.3 75.5





#13

Acrolein

Concen: 30.697 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 25027

Ion Ratio Lower Upper

56 100

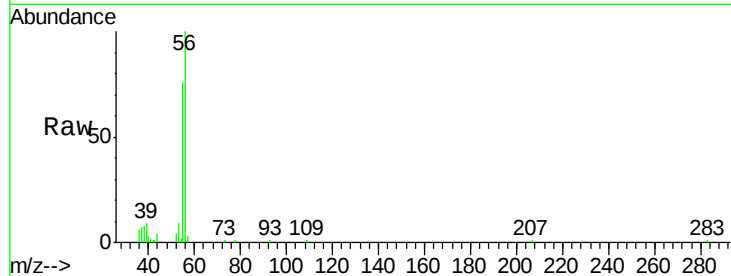
55 71.6 55.5 83.3

Manual Integrations

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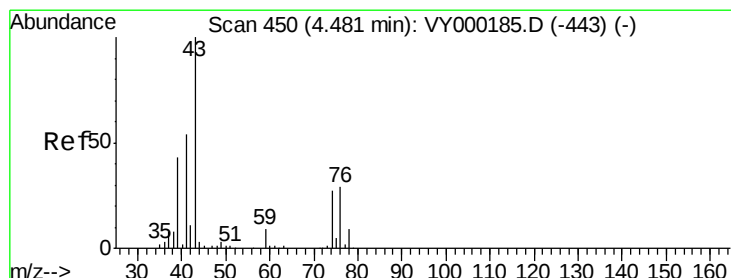
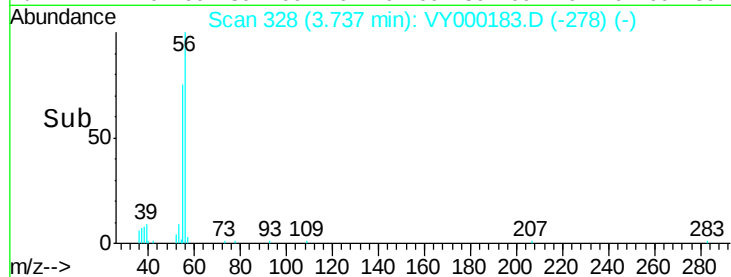


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

Time-->



#14

Allyl chloride

Concen: 6.311 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

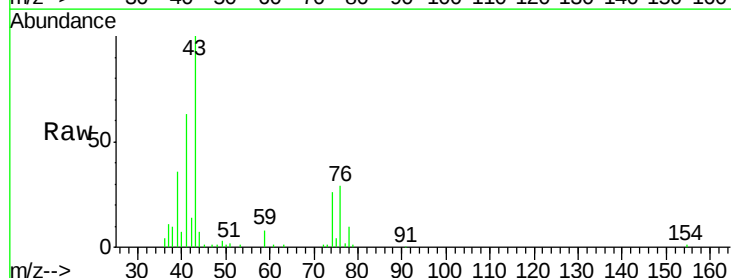
Tgt Ion: 41 Resp: 23571

Ion Ratio Lower Upper

41 100

39 69.6 61.8 92.6

76 42.5 36.2 54.4



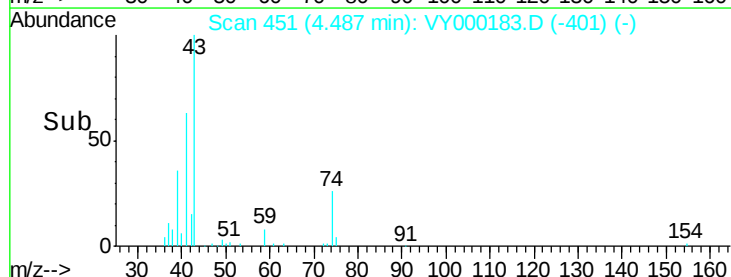
Abundance Ion 41.00 (40.70 to 41.70): VY0

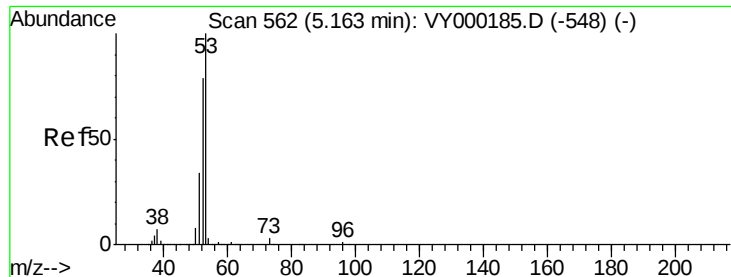
Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

Time-->





#15

Acrylonitrile

Concen: 26.709 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

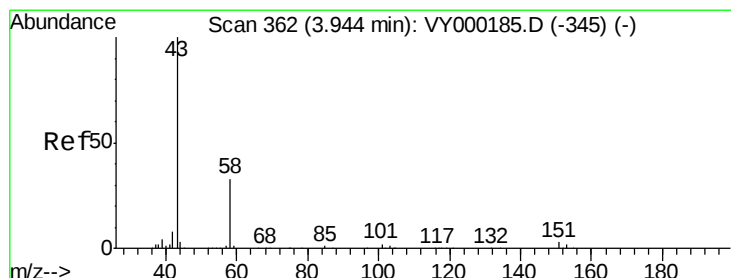
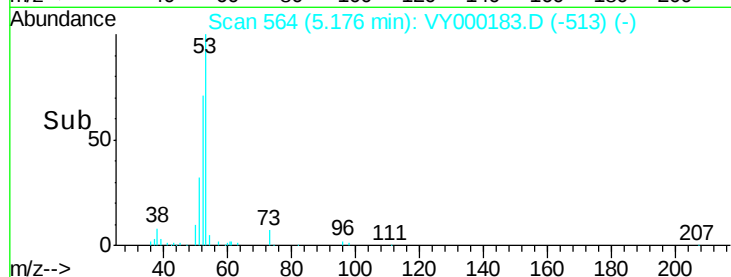
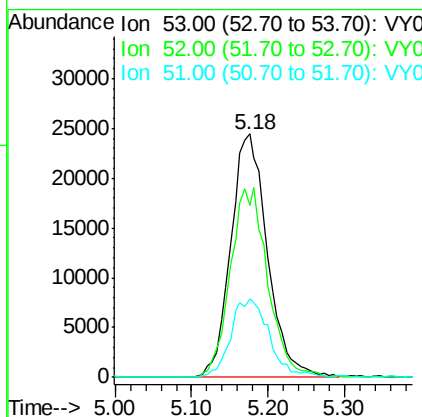
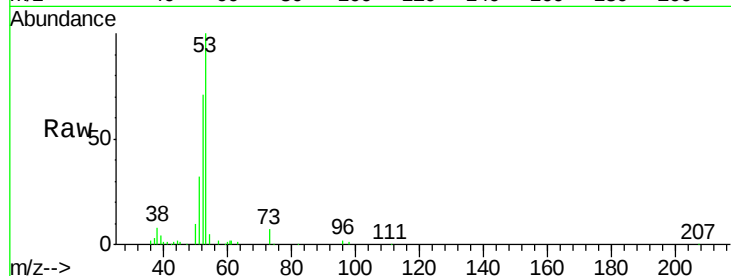
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 81186 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 79.4  | 64.8  | 97.2  |
| 51       | 34.1  | 27.7  | 41.5  |

Manual Integrations  
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10/7/2019 12:50:44 PM



#16

Acetone

Concen: 28.307 ug/l

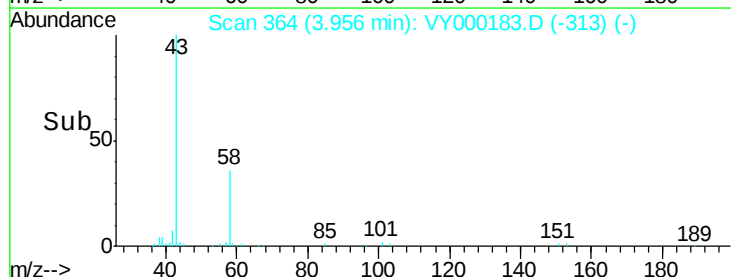
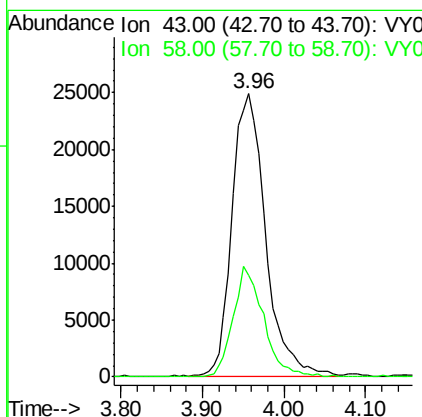
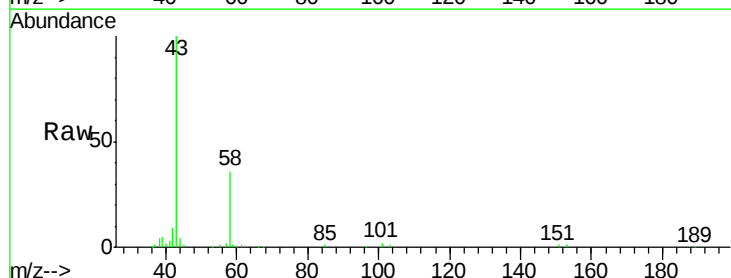
RT: 3.96 min Scan# 364

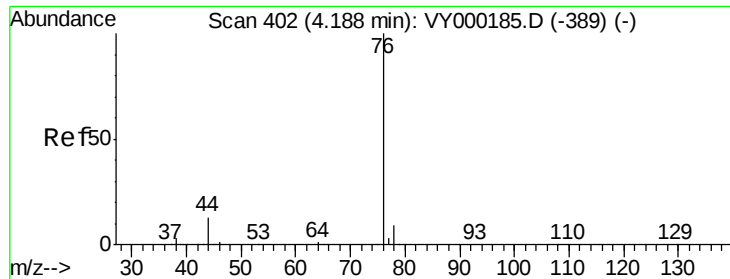
Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 71402 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 36.0  | 26.8  | 40.2  |





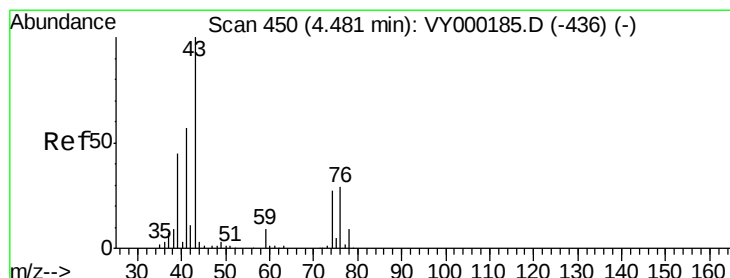
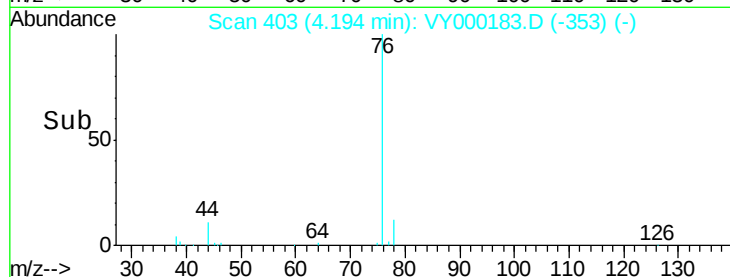
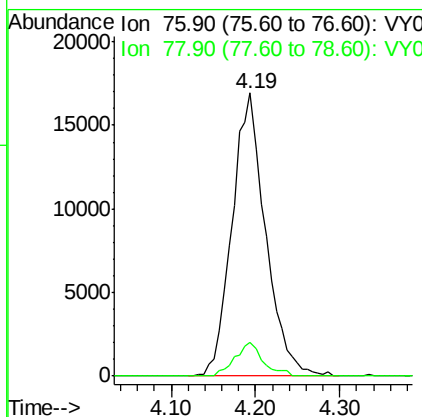
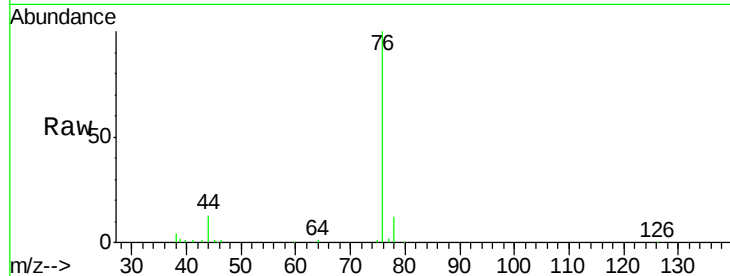
#17  
Carbon Disulfide  
Concen: 8.431 ug/l  
RT: 4.19 min Scan# 403  
Delta R.T. 0.01 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

Tot Ion: 76 Resp: 45529  
Ion Ratio Lower Upper  
76 100  
78 12.1 7.6 11.4#

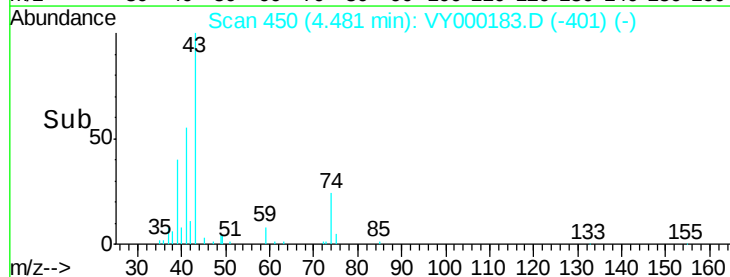
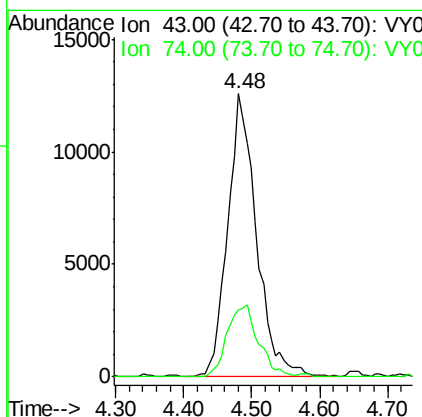
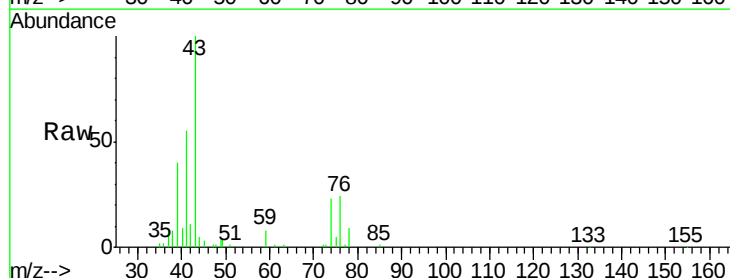
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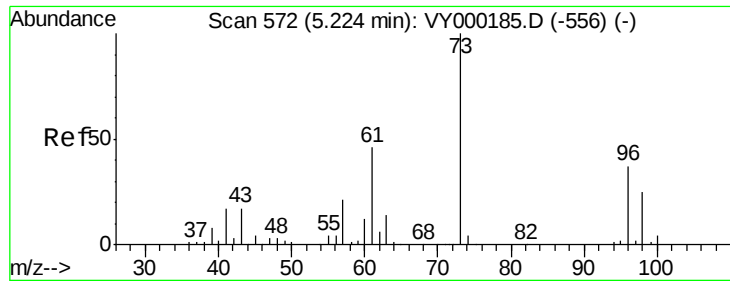
MMDadoda  
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#18  
Methyl Acetate  
Concen: 5.251 ug/l  
RT: 4.48 min Scan# 450  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Tgt Ion: 43 Resp: 36996  
Ion Ratio Lower Upper  
43 100  
74 27.3 22.3 33.5





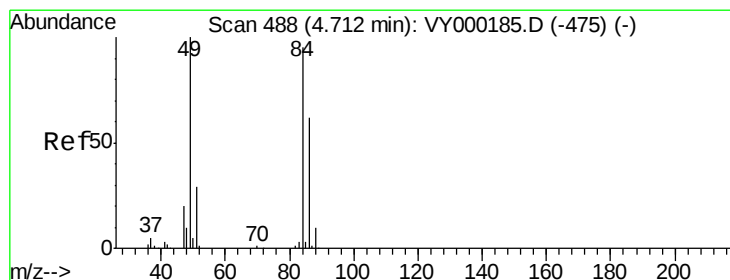
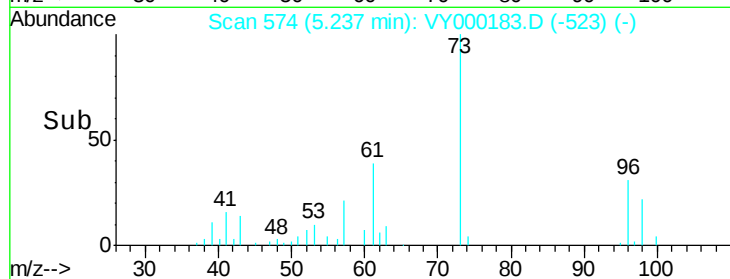
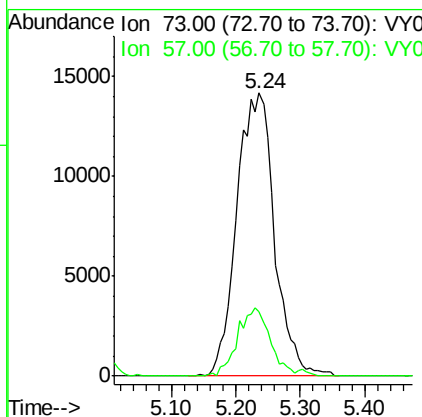
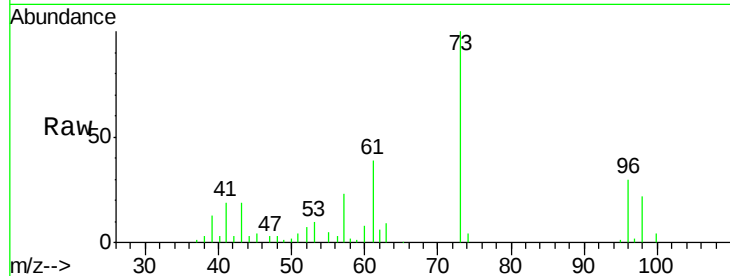
#19  
Methvl tert-butvl Ether  
Concen: 5.284 ug/l  
RT: 5.24 min Scan# 574  
Delta R.T. 0.01 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

Tot Ion: 73 Resp: 57169  
Ion Ratio Lower Upper  
73 100  
57 23.0 16.9 25.3

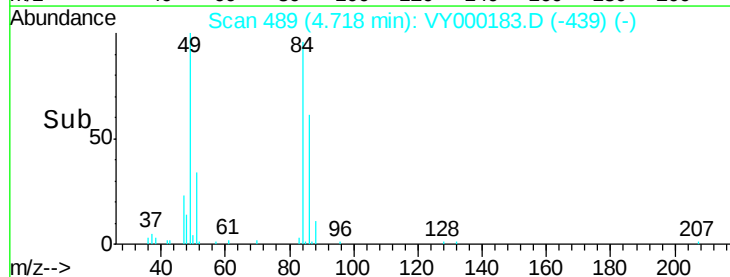
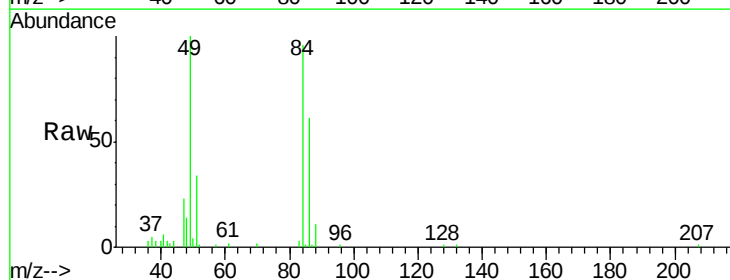
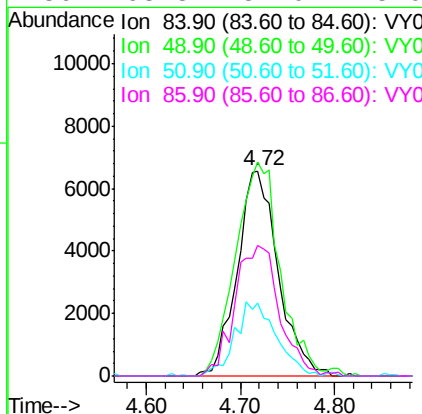
Manual Integrations  
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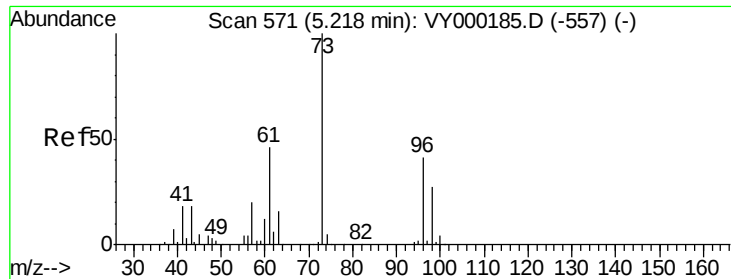
MMDadoda  
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#20  
Methylene Chloride  
Concen: 6.060 ug/l  
RT: 4.72 min Scan# 489  
Delta R.T. 0.01 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Tgt Ion: 84 Resp: 20012  
Ion Ratio Lower Upper  
84 100  
49 104.0 84.2 126.4  
51 35.8 24.6 37.0  
86 63.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 6.463 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

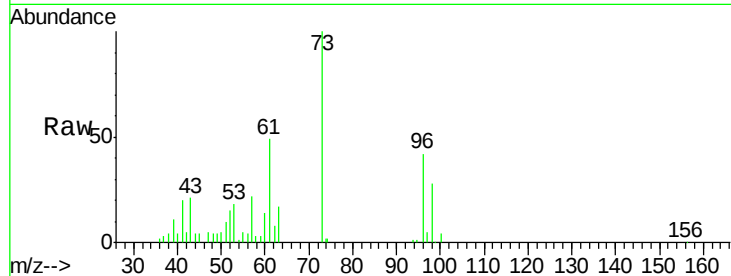
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 18686 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 117.2 | 91.4  | 137.0 |
| 98       | 67.2  | 52.5  | 78.7  |

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10/7/2019 12:50:44 PM

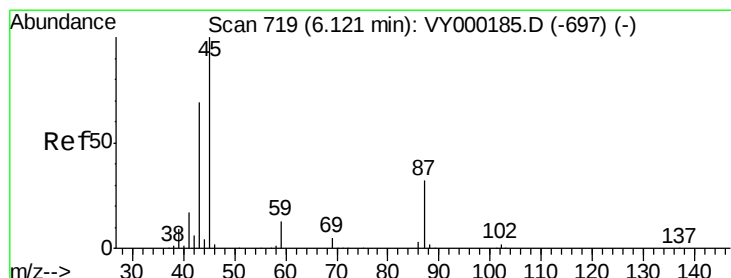
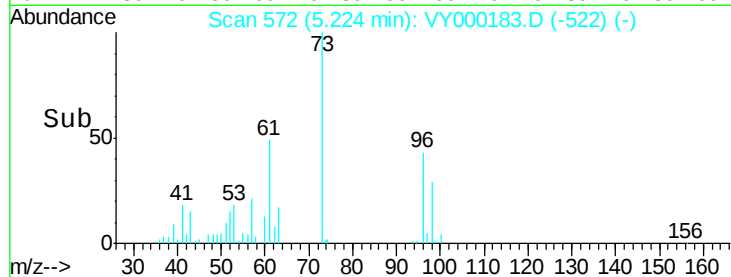
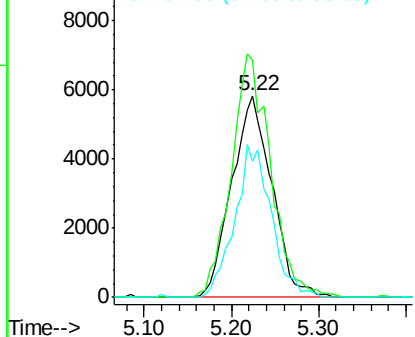


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 5.169 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 51204 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 67.4  | 55.4  | 83.0  |
| 87       | 31.1  | 25.8  | 38.8  |
| 59       | 14.9  | 10.1  | 15.1  |

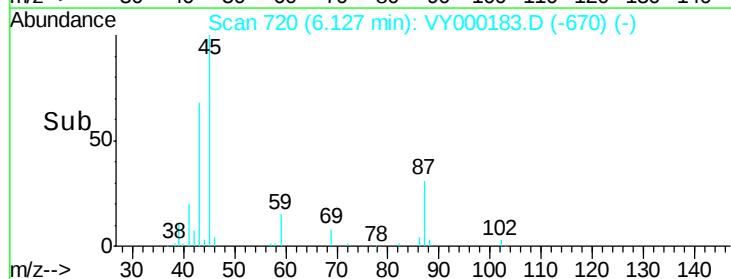
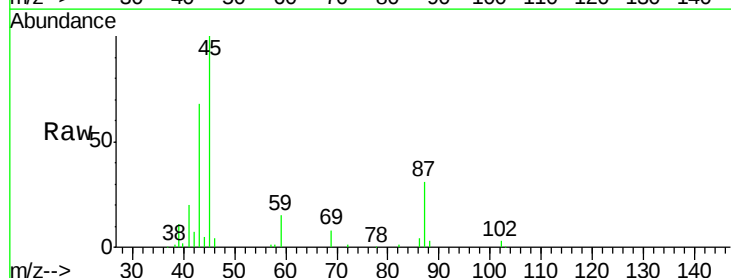
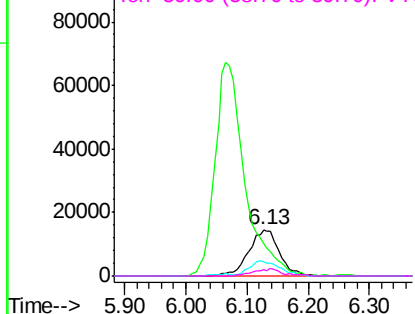
Abundance

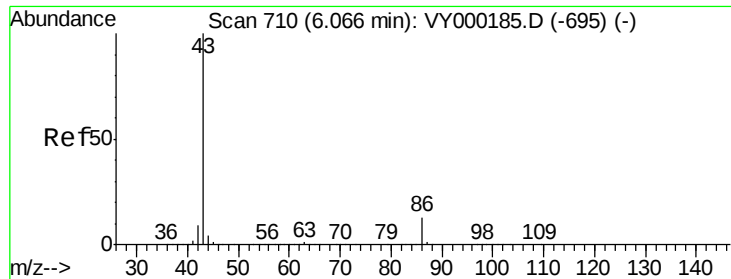
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 26.995 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 229935

Ion Ratio Lower Upper

43 100

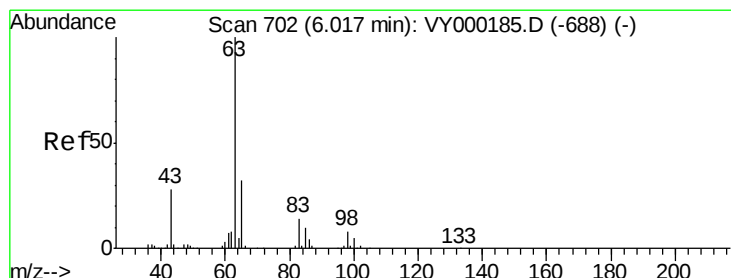
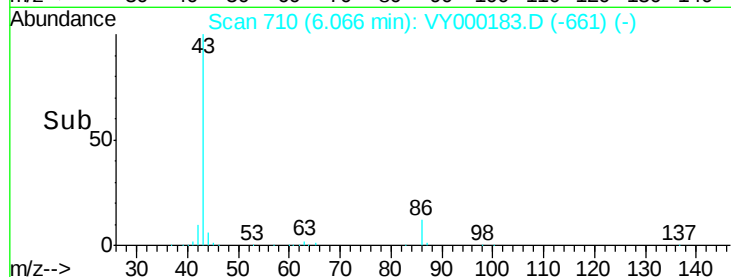
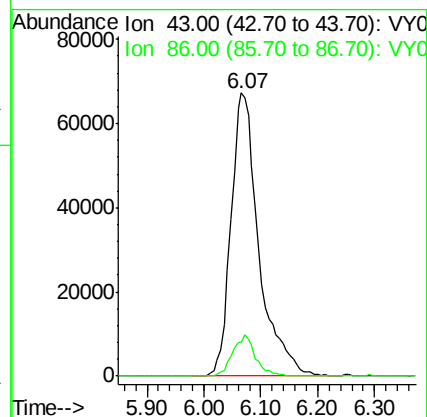
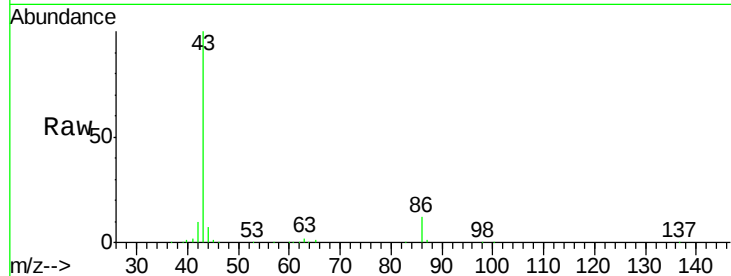
86 12.0 10.2 15.2

Manual Integrations

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10/7/2019 12:50:44 PM



#24

1,1-Dichloroethane

Concen: 5.658 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

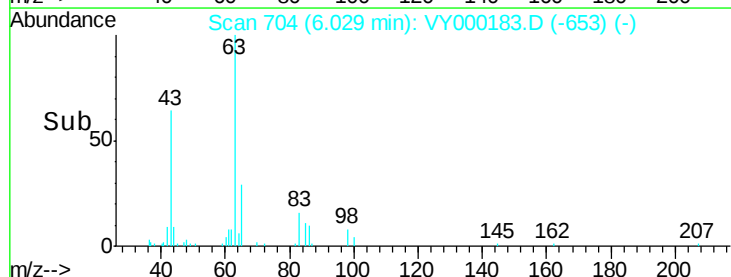
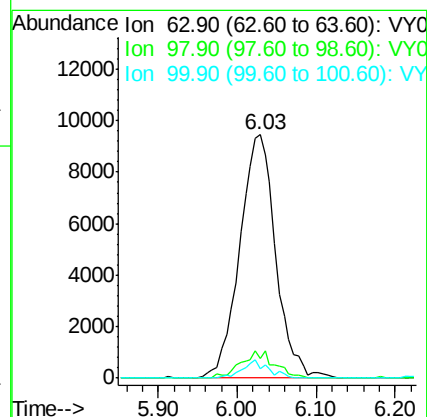
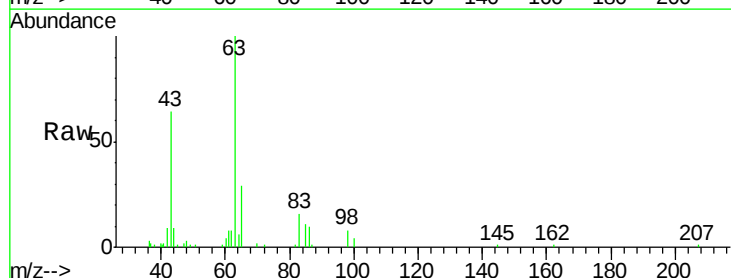
Tgt Ion: 63 Resp: 29987

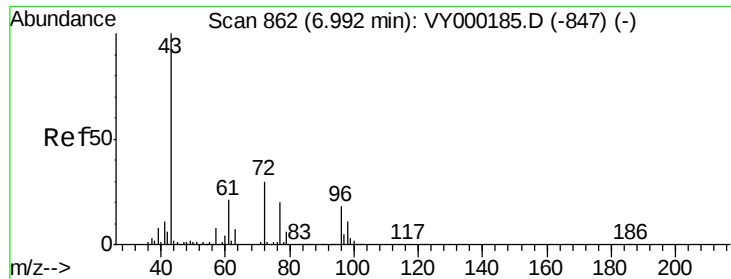
Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.5

100 3.8 2.3 6.9





#25

2-Butanone

Concen: 26.326 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 118060

Ion Ratio Lower Upper

43 100

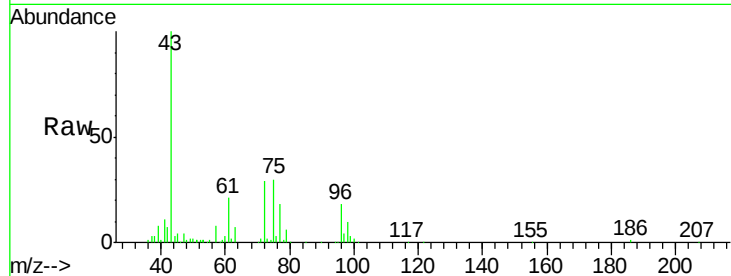
72 28.8 24.0 36.0

Manual Integrations

APPROVED

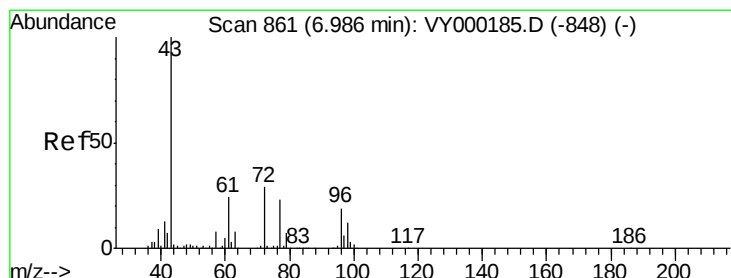
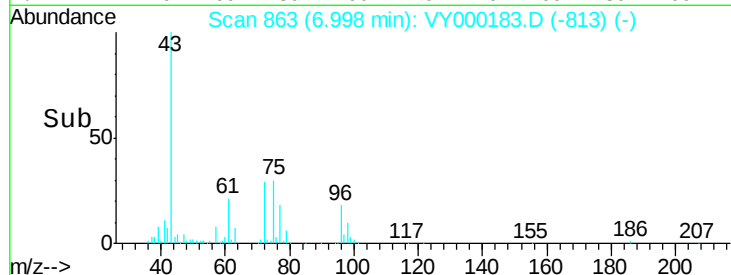
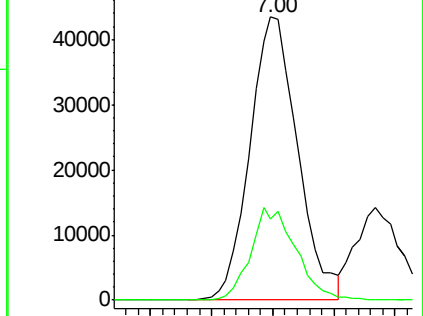
MMDadoda

10/7/2019 12:50:44 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 5.912 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.01 min

Lab File: VY000183.D

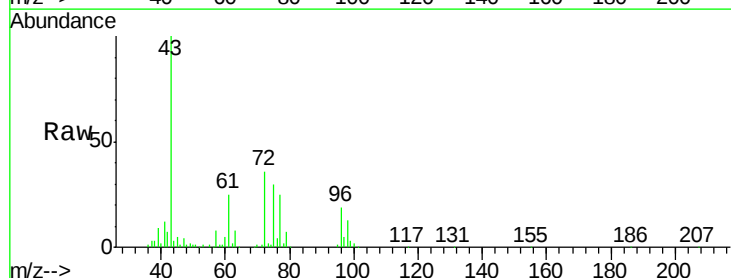
Acq: 03 Oct 2019 13:20

Tgt Ion: 77 Resp: 30482

Ion Ratio Lower Upper

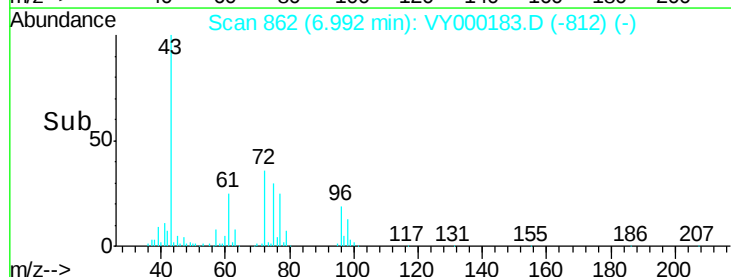
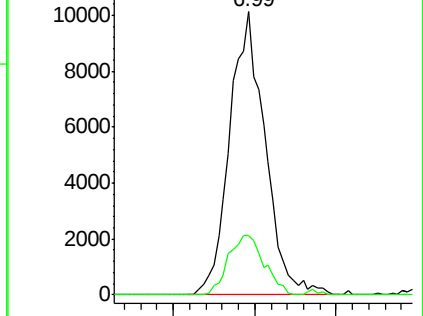
77 100

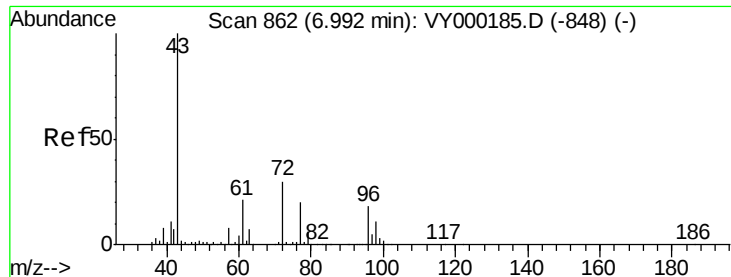
97 21.2 12.3 36.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

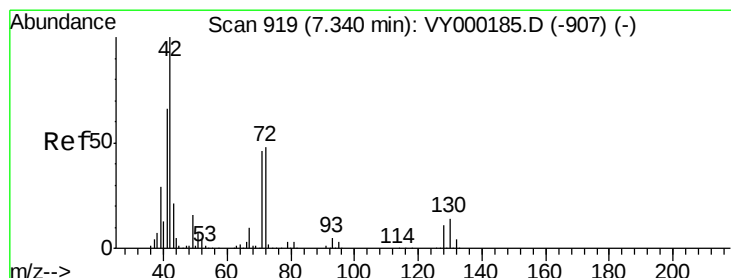
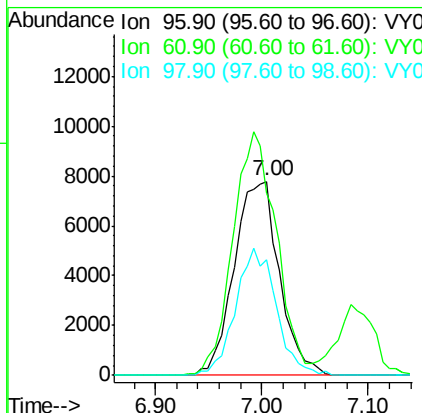
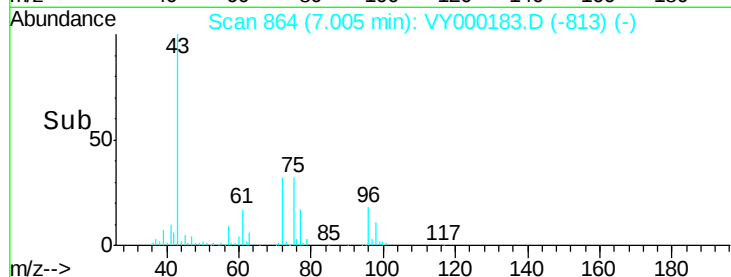
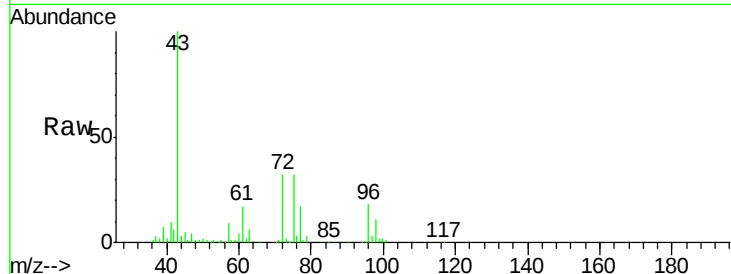
cis-1,2-Dichloroethene  
Concen: 6.091 ug/l  
RT: 7.00 min Scan# 864  
Delta R.T. 0.01 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 120.6 | 0.0   | 251.4 |
| 98      | 58.9  | 0.0   | 129.4 |

Manual Integrations  
APPROVED

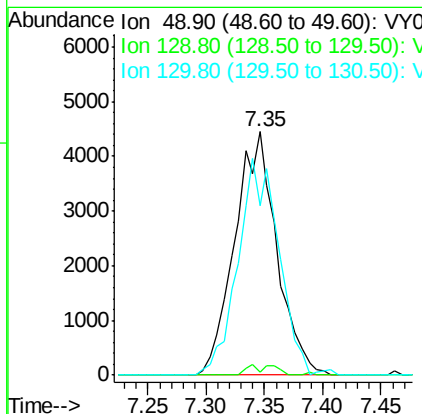
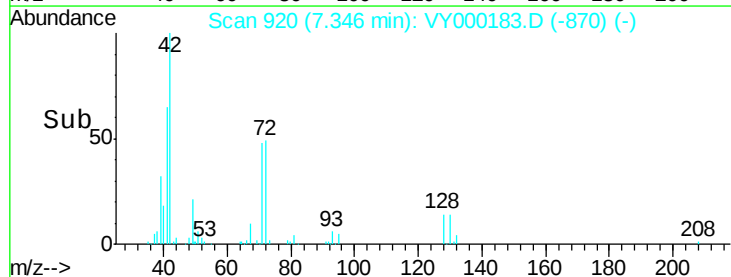
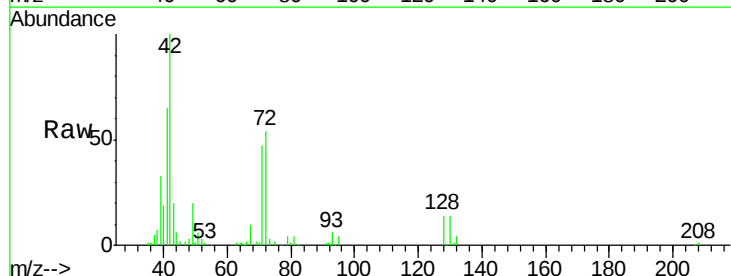
MMDadoda  
10/7/2019 12:50:44 PM

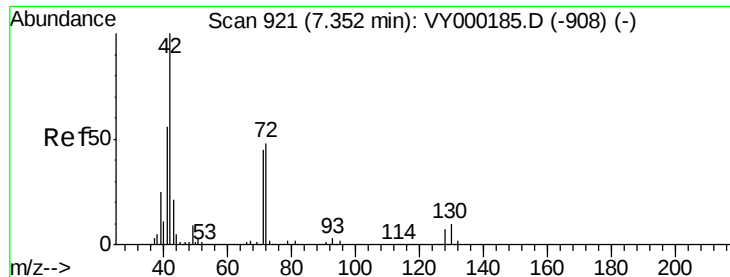


#28

Bromochloromethane  
Concen: 5.358 ug/l  
RT: 7.35 min Scan# 920  
Delta R.T. 0.01 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.2   | 0.0   | 5.4   |
| 130     | 86.2  | 74.2  | 111.4 |





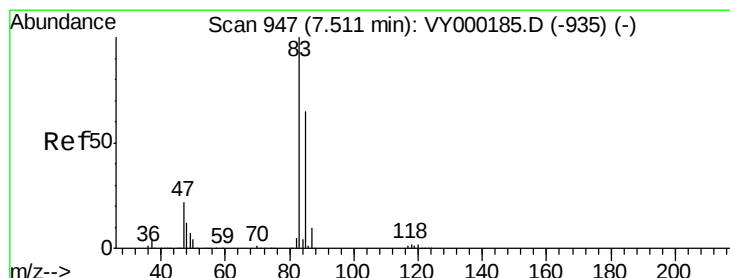
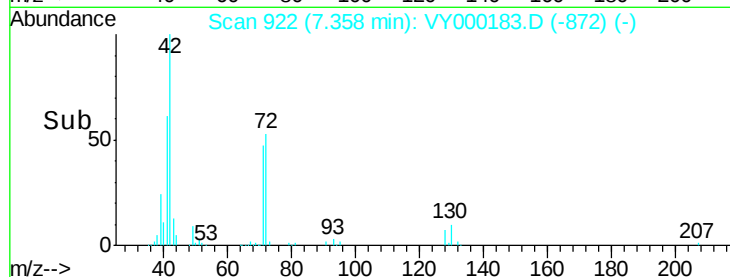
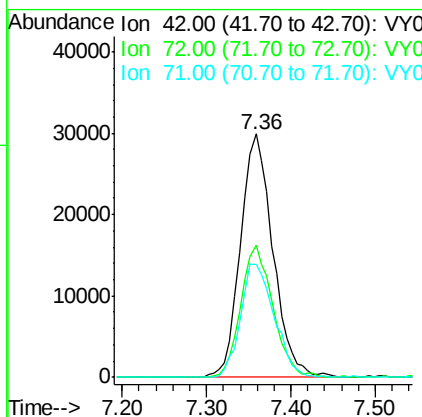
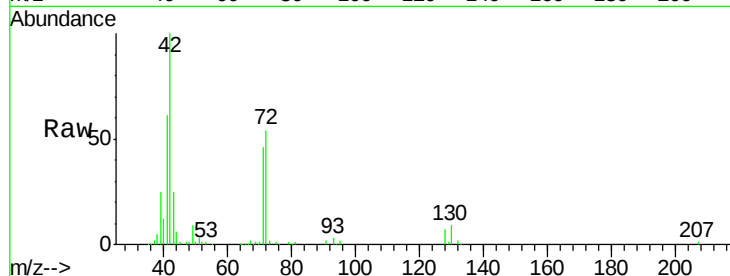
#29  
Tetrahydrofuran  
Concen: 25.921 ug/l  
RT: 7.36 min Scan# 922  
Delta R.T. 0.01 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 54.0  | 39.3  | 58.9  |
| 71      | 48.4  | 36.7  | 55.1  |

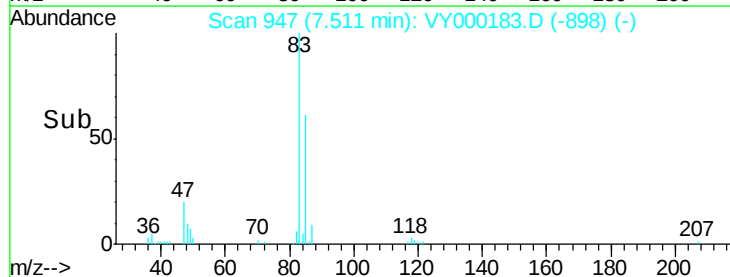
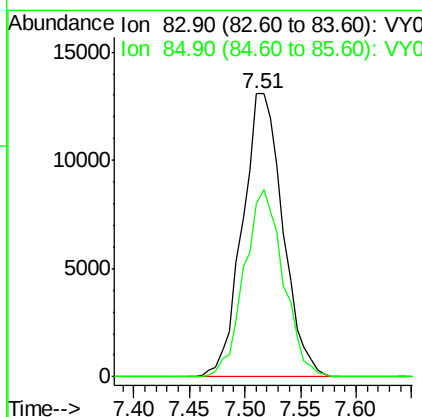
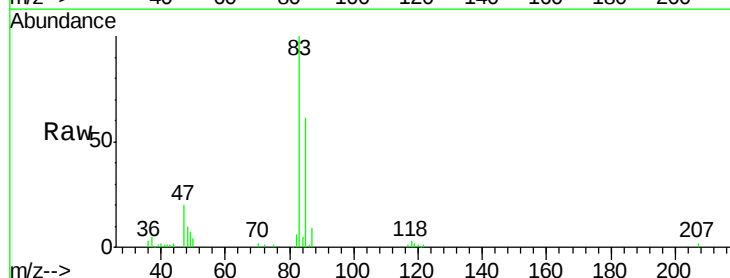
Manual Integrations  
APPROVED

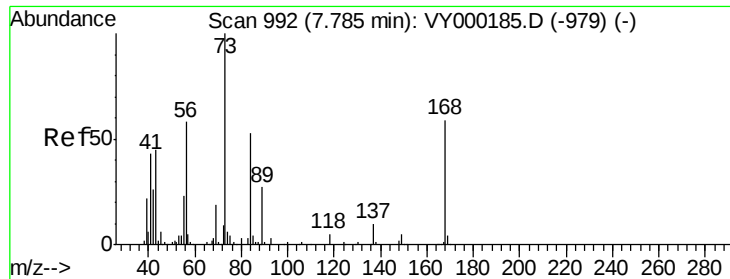
MMDadoda  
10/7/2019 12:50:44 PM



#30  
Chloroform  
Concen: 5.435 ug/l  
RT: 7.51 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 61.5  | 51.8  | 77.6  |





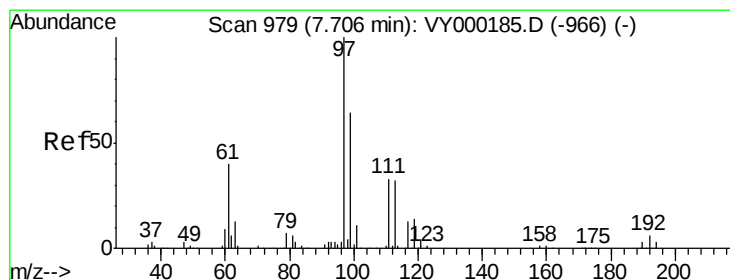
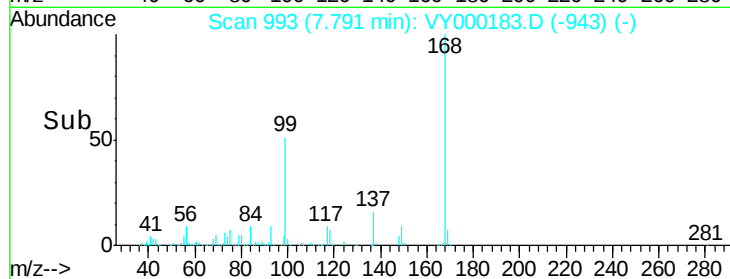
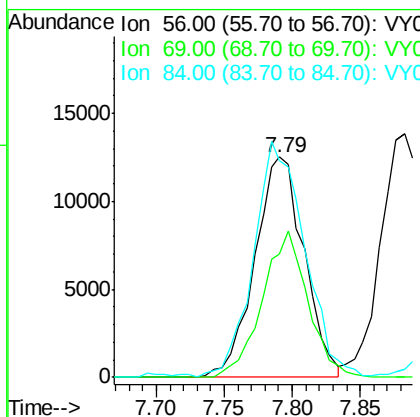
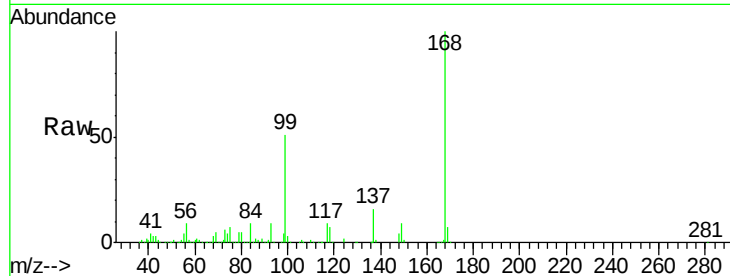
#31  
Cyclohexane  
Concen: 8.154 ug/l  
RT: 7.79 min Scan# 993  
Delta R.T. 0.01 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 56.1  | 26.1  | 39.1# |
| 84      | 97.1  | 73.8  | 110.6 |

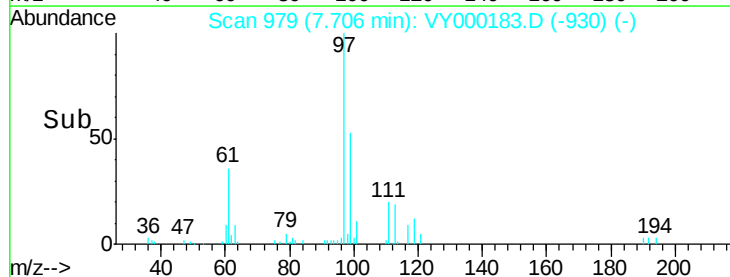
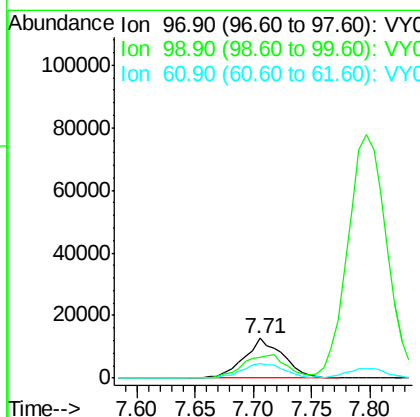
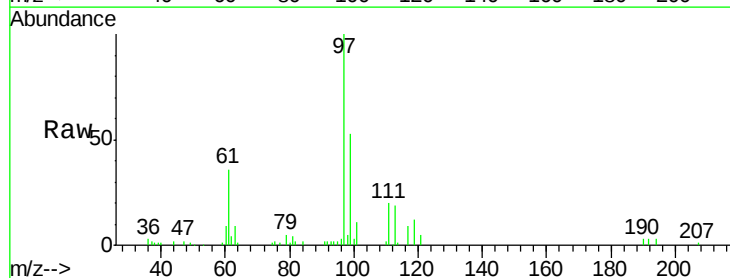
Manual Integrations  
APPROVED

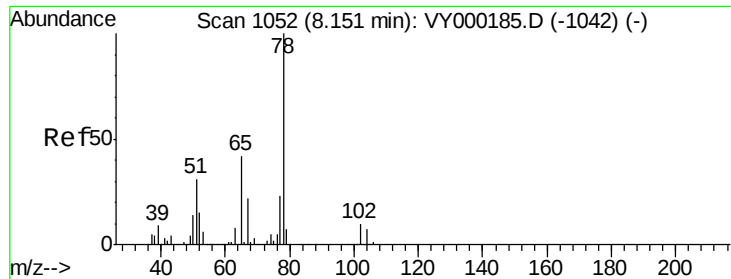
MMDadoda  
10/7/2019 12:50:44 PM



#32  
1,1,1-Trichloroethane  
Concen: 5.669 ug/l  
RT: 7.71 min Scan# 979  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.8  | 51.8  | 77.8  |
| 61      | 40.8  | 31.2  | 46.8  |





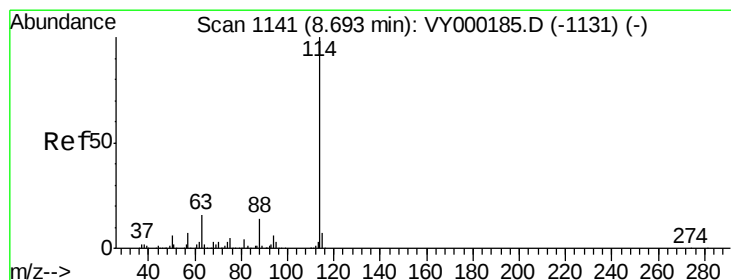
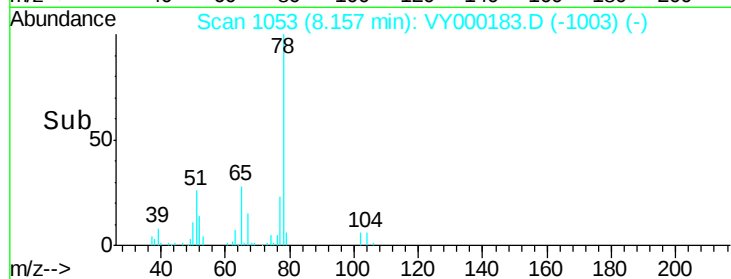
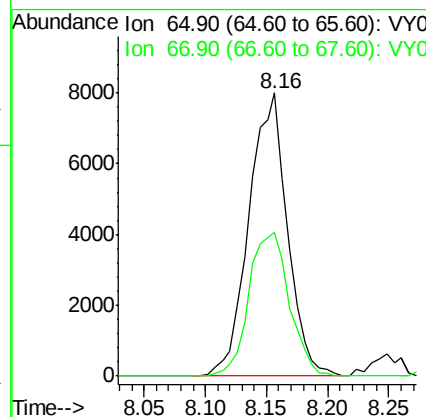
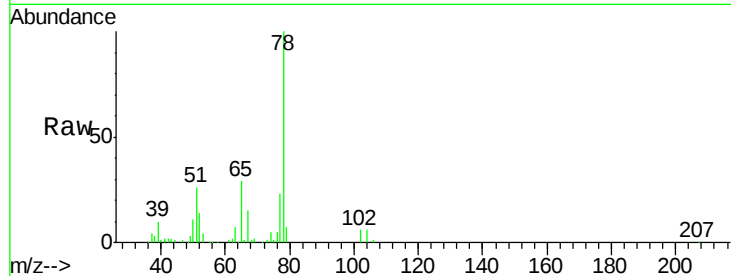
#33  
 1,2-Dichloroethane-d4  
 Concen: 4.428 ug/l  
 RT: 8.16 min Scan# 1053  
 Delta R.T. 0.01 min  
 Lab File: VY000183.D  
 Acq: 03 Oct 2019 13:20

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 17485 |       |       |
| 67      | 53.3  | 0.0   | 104.6 |       |

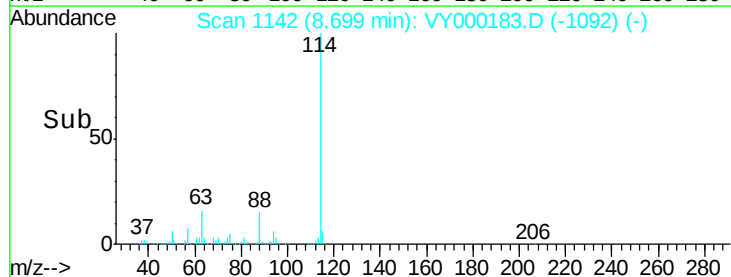
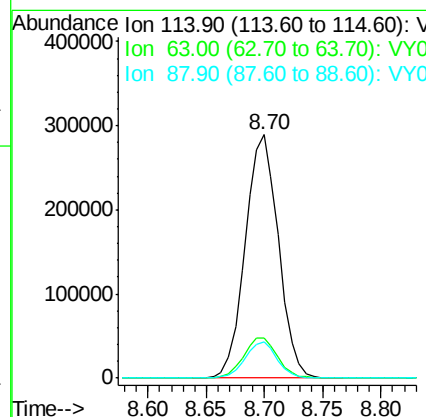
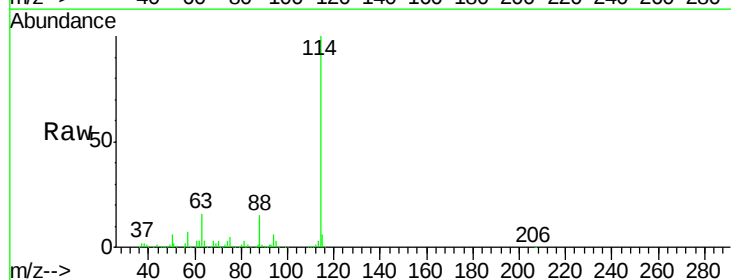
Manual Integrations  
 APPROVED

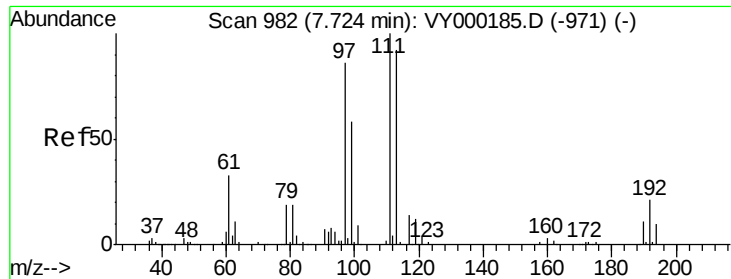
MMDadoda  
 10/7/2019 12:50:44 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.70 min Scan# 1142  
 Delta R.T. 0.01 min  
 Lab File: VY000183.D  
 Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 574127 |       |       |
| 63      | 16.4  | 0.0    | 33.0  |       |
| 88      | 14.8  | 0.0    | 27.6  |       |





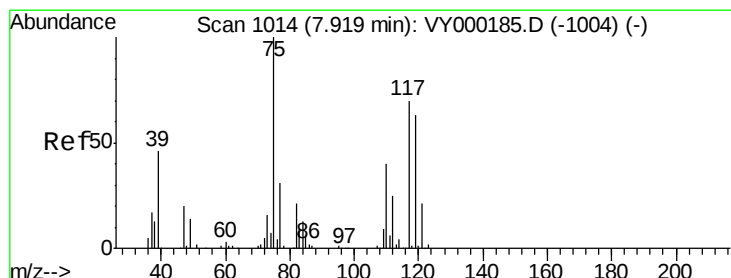
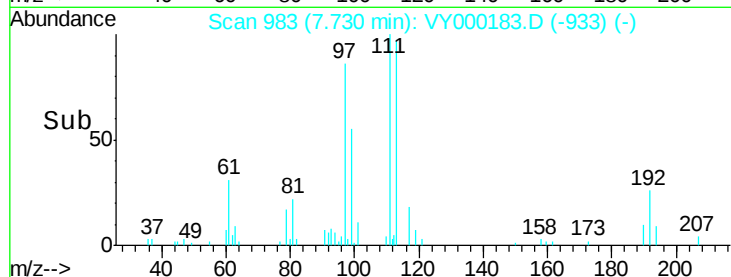
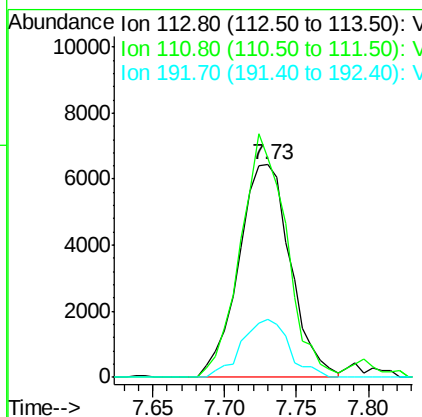
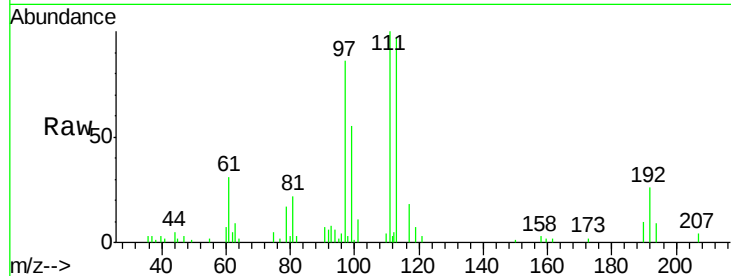
#35  
Dibromofluoromethane  
Concen: 4.507 ug/l  
RT: 7.73 min Scan# 983  
Delta R.T. 0.01 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 16052 |       |       |
| 111     | 101.5 | 83.6  | 125.4 |       |
| 192     | 24.9  | 18.4  | 27.6  |       |

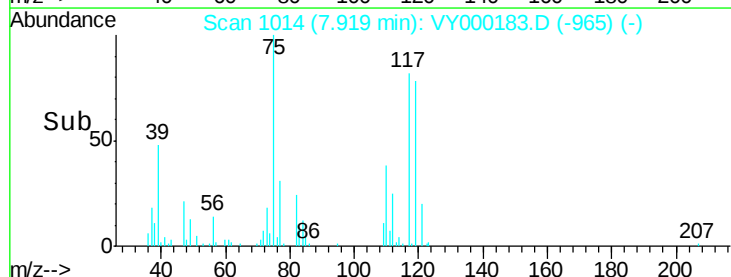
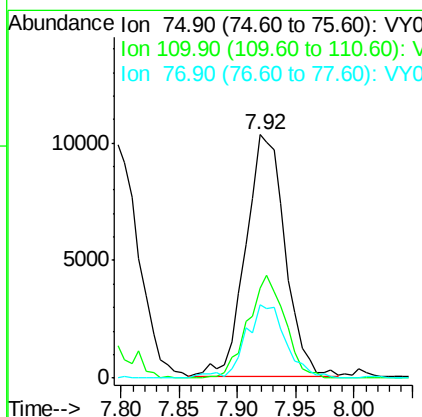
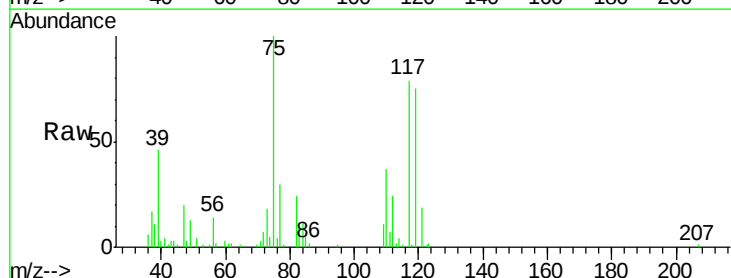
Manual Integrations  
APPROVED

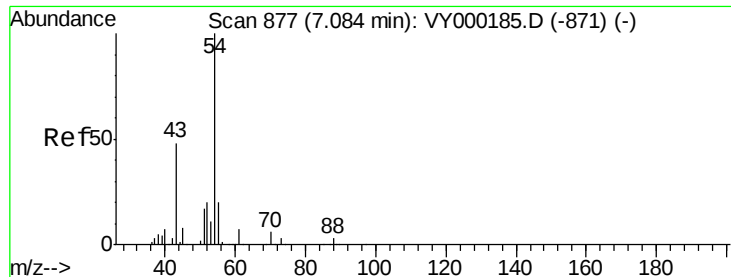
MMDadoda  
10/7/2019 12:50:44 PM



#36  
1,1-Dichloropropene  
Concen: 6.418 ug/l  
RT: 7.92 min Scan# 1014  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 24134 |       |       |
| 110     | 40.0  | 20.4  | 61.2  |       |
| 77      | 31.3  | 24.8  | 37.2  |       |





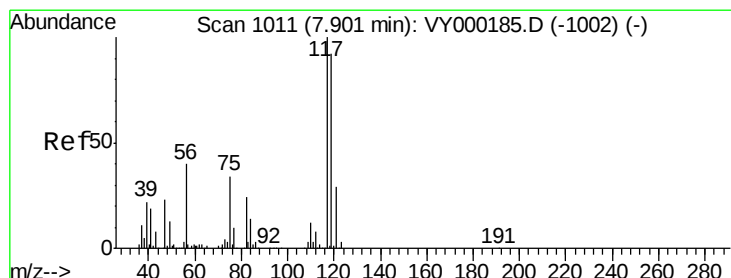
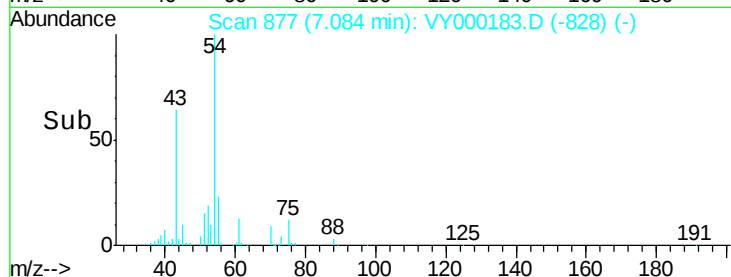
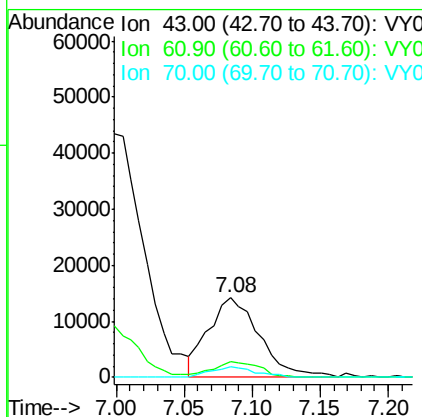
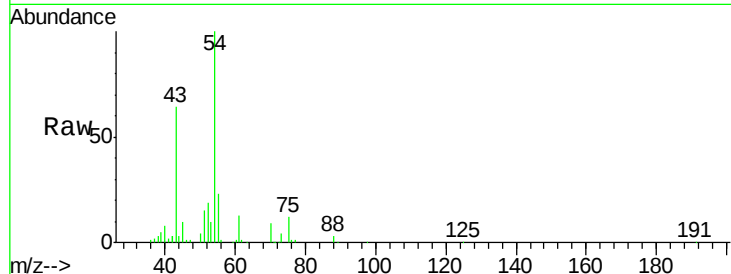
#37  
Ethyl Acetate  
Concen: 5.180 ug/l  
RT: 7.08 min Scan# 877  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.1  | 11.8  | 17.6  |
| 70      | 12.2  | 9.4   | 14.2  |

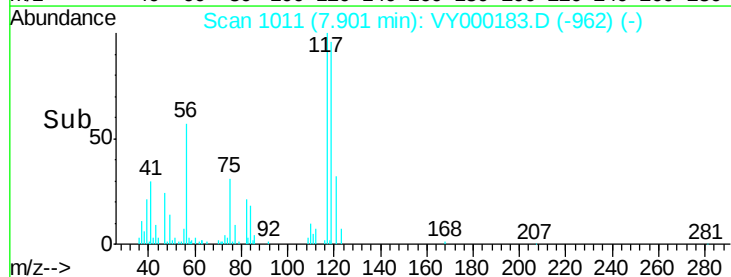
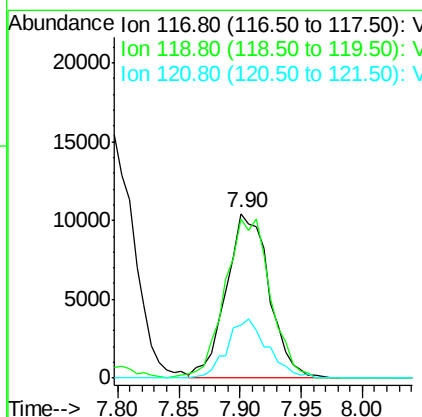
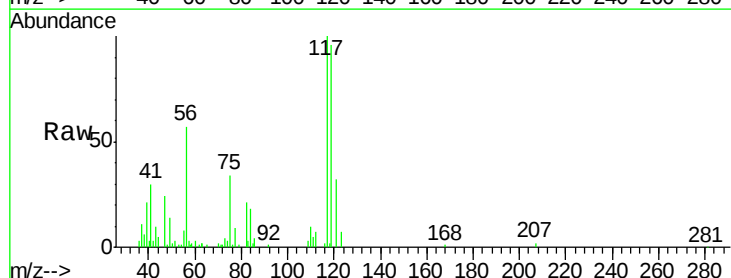
Manual Integrations  
APPROVED

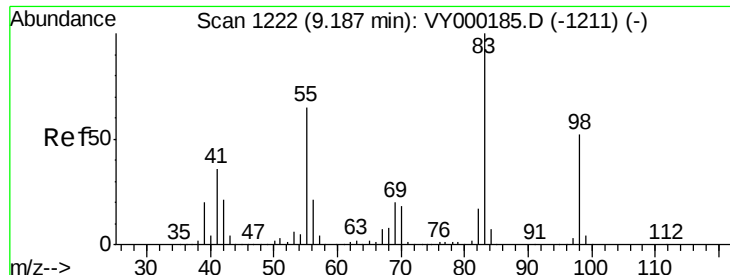
MMDadoda  
10/7/2019 12:50:44 PM



#38  
Carbon Tetrachloride  
Concen: 5.522 ug/l  
RT: 7.90 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.4  | 73.4  | 110.2 |
| 121     | 32.5  | 23.2  | 34.8  |





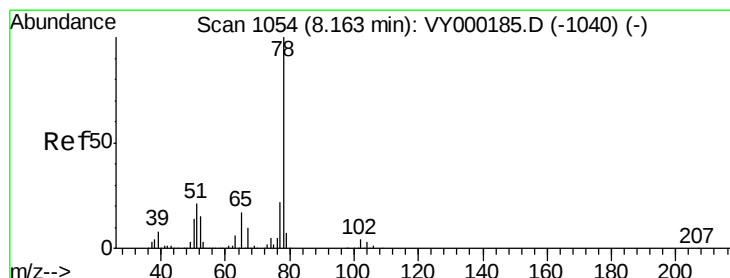
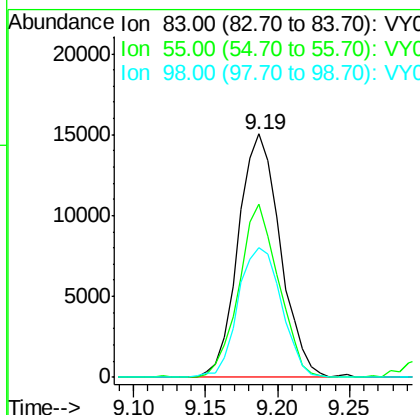
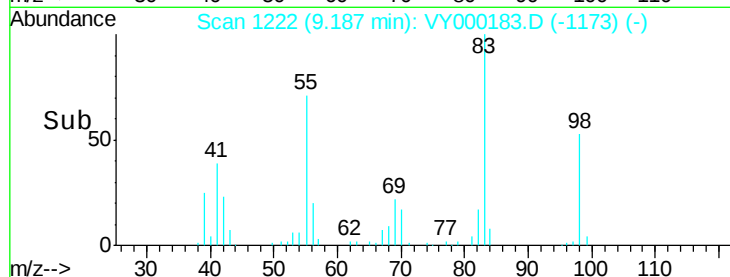
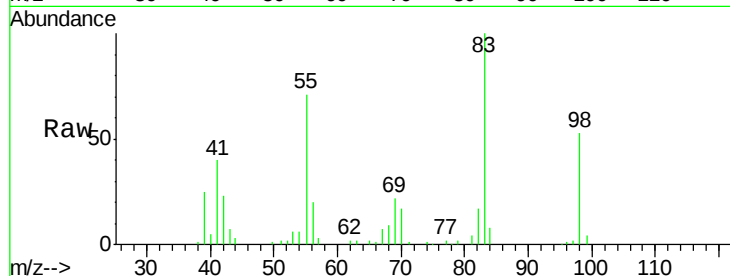
#39  
Methvlcvclohexane  
Concen: 6.859 ug/l  
RT: 9.19 min Scan# 1222  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion   | 83   | Resp  | 30435 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 55        | 71.3 | 52.4  | 78.6  |
| 98        | 53.4 | 41.7  | 62.5  |

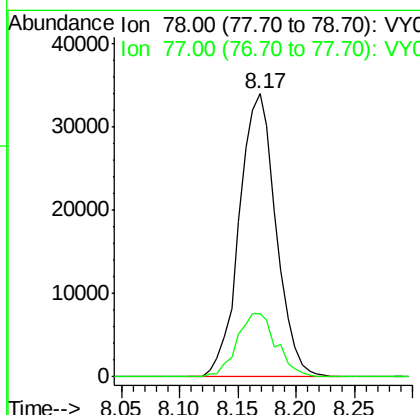
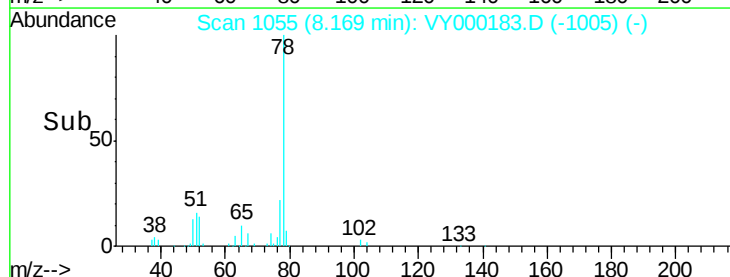
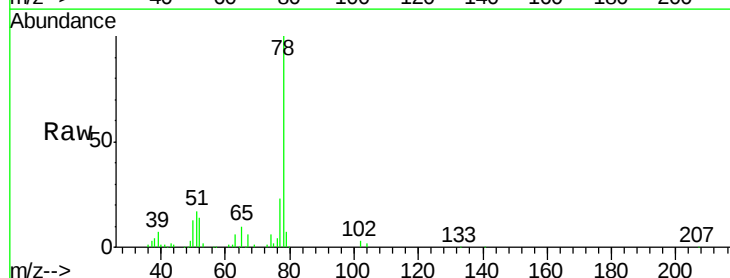
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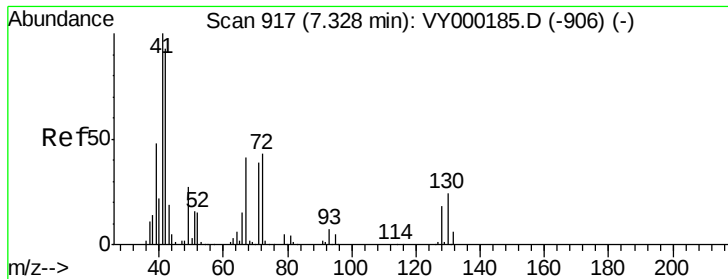
MMDadoda  
10/7/2019 12:50:44 PM



#40  
Benzene  
Concen: 5.993 ug/l  
RT: 8.17 min Scan# 1055  
Delta R.T. 0.01 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

| Tgt Ion   | 78   | Resp  | 74725 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 78        | 100  |       |       |
| 77        | 22.5 | 17.5  | 26.3  |





#41

Methacrylonitrile

Concen: 5.660 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 18860

Ion Ratio Lower Upper

41 100

39 155.2 125.4 188.0

67 0.0 0.0 0.0

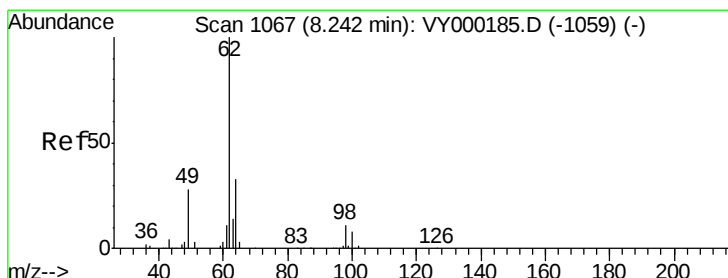
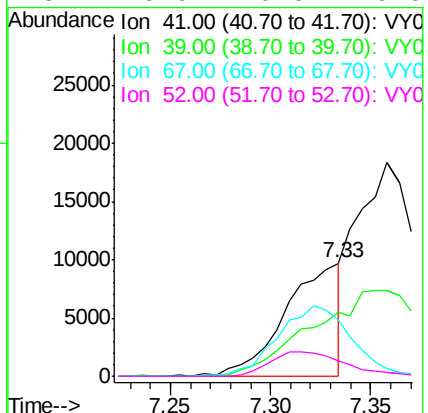
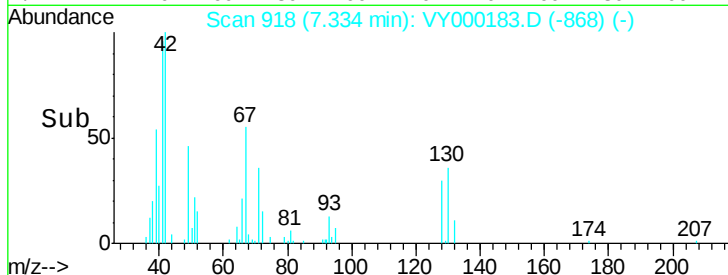
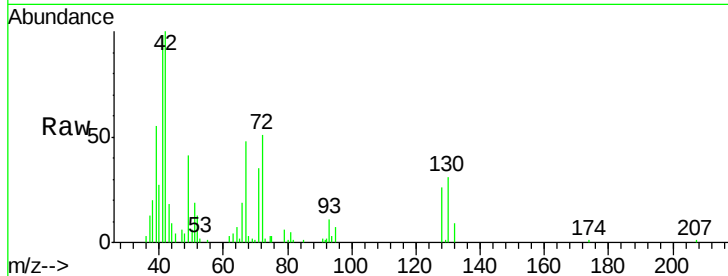
52 0.0 0.0 0.0

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10/7/2019 12:50:44 PM



#42

1,2-Dichloroethane

Concen: 5.633 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY000183.D

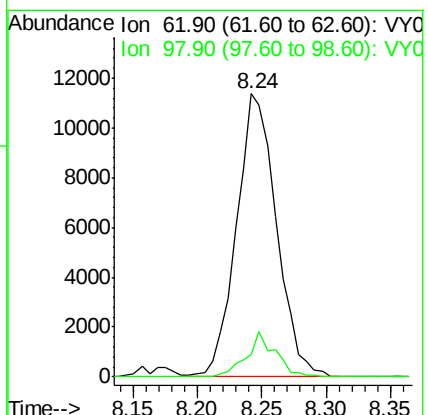
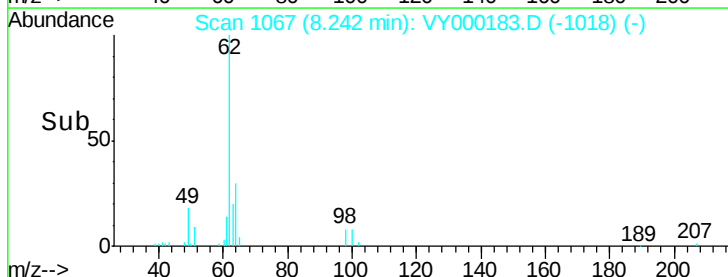
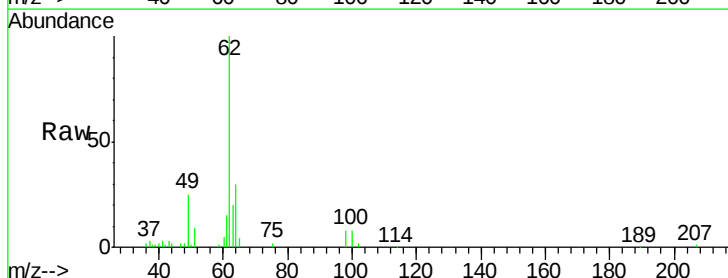
Acq: 03 Oct 2019 13:20

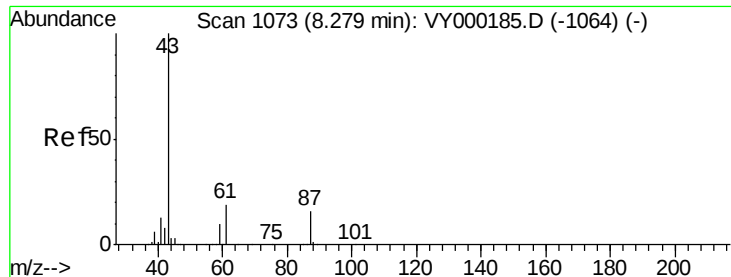
Tgt Ion: 62 Resp: 24420

Ion Ratio Lower Upper

62 100

98 11.4 0.0 21.8





#43

Isopropyl Acetate

Concen: 5.171 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

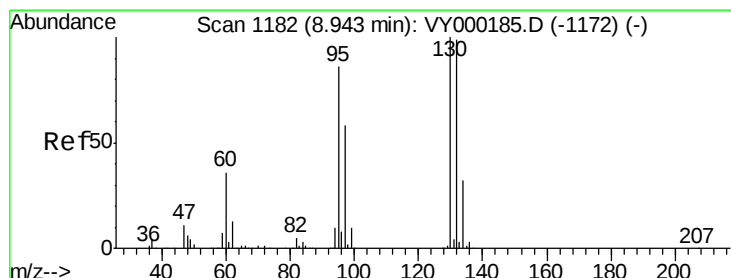
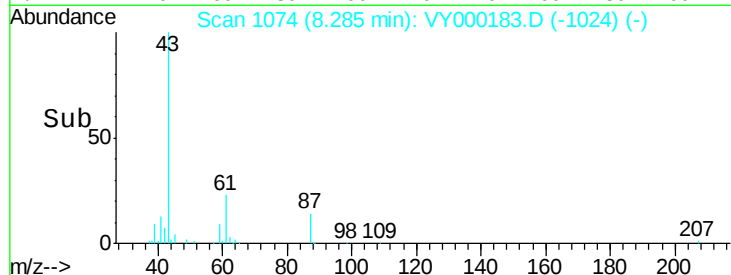
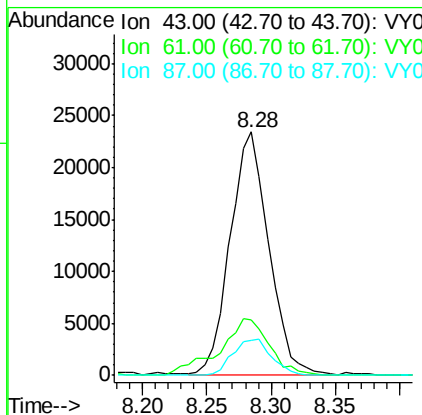
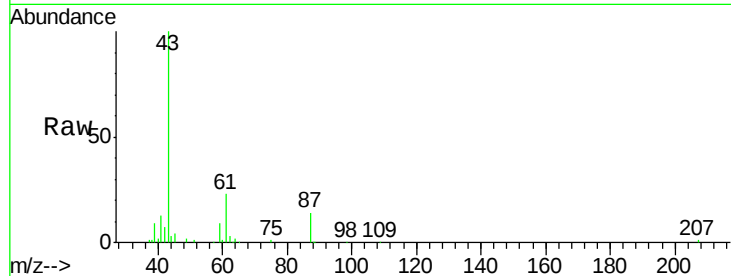
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 49010 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 30.0  | 21.4  | 32.2  |
| 87       | 14.8  | 12.6  | 19.0  |

Manual Integrations  
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10/7/2019 12:50:44 PM



#44

Trichloroethene

Concen: 5.993 ug/l

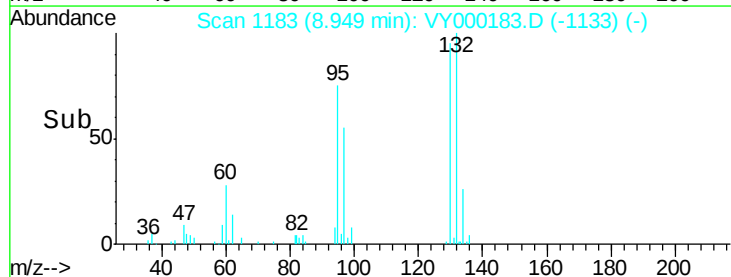
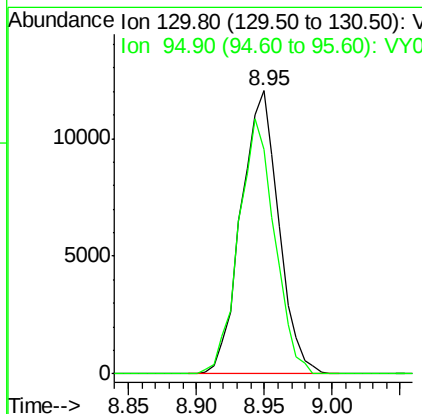
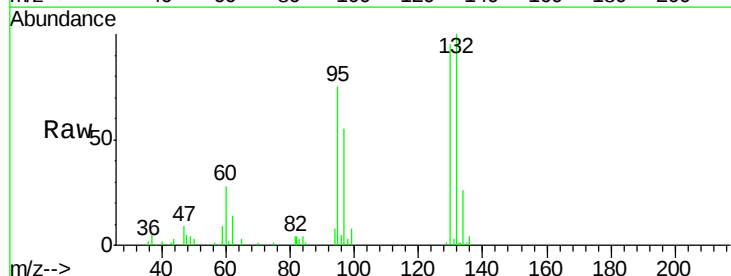
RT: 8.95 min Scan# 1183

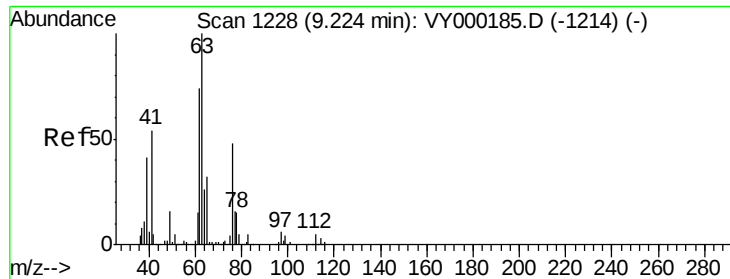
Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 23321 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 79.2  | 0.0   | 171.6 |





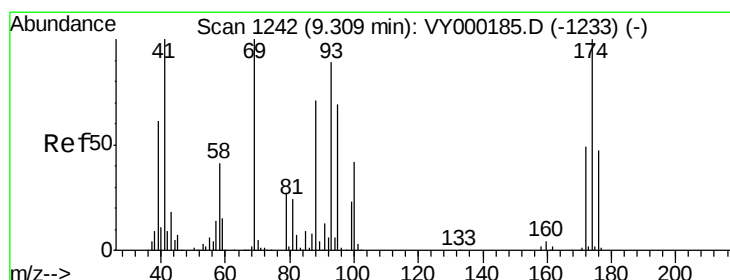
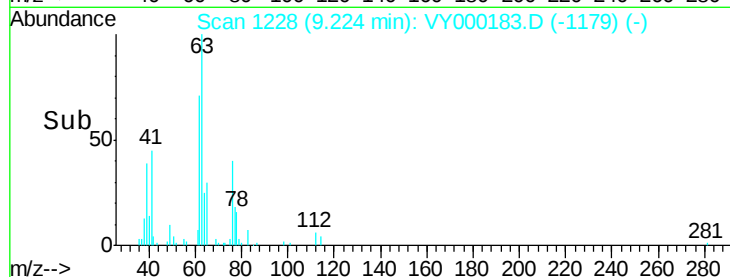
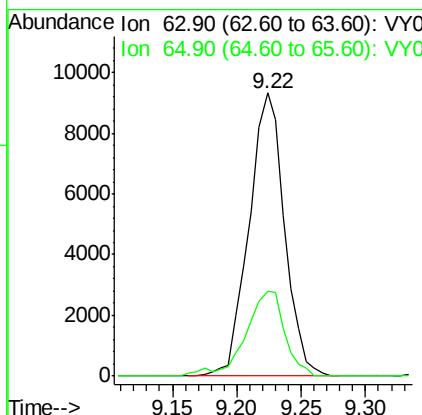
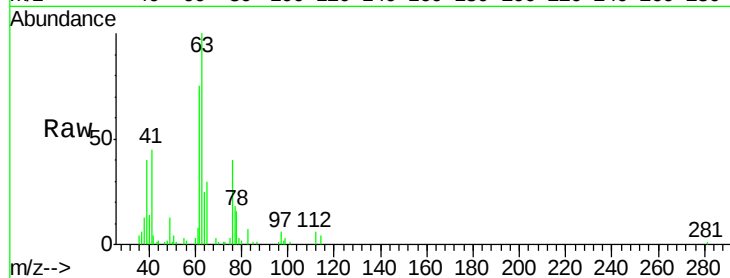
#45  
 1,2-Dichloropropane  
 Concen: 5.535 ug/l  
 RT: 9.22 min Scan# 1228  
 Delta R.T. -0.00 min  
 Lab File: VY000183.D  
 Acq: 03 Oct 2019 13:20

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | 63    | Resp  | 17701 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 63      | 100   |       |       |
| 65      | 30.2  | 25.7  | 38.5  |

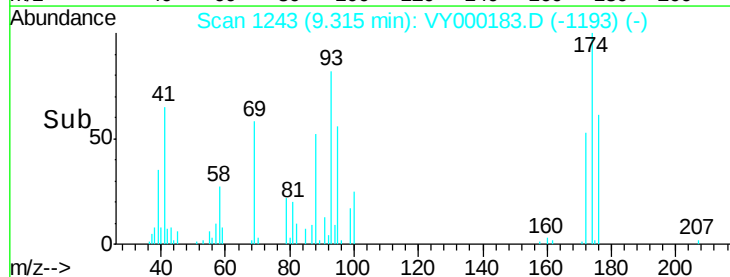
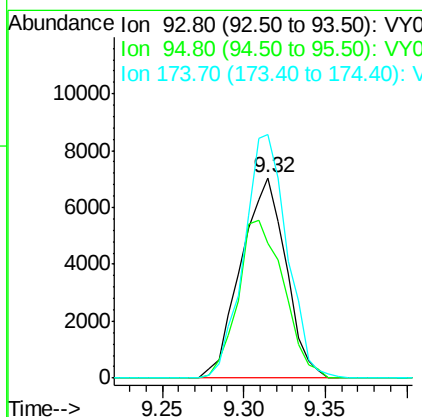
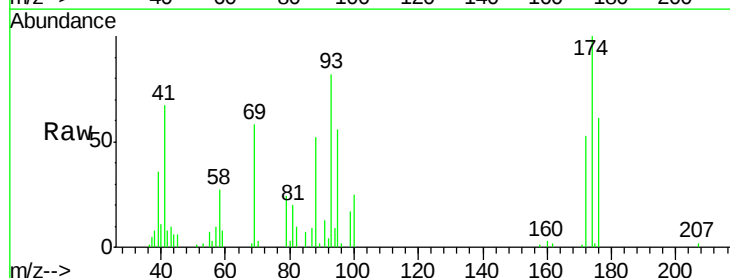
Manual Integrations  
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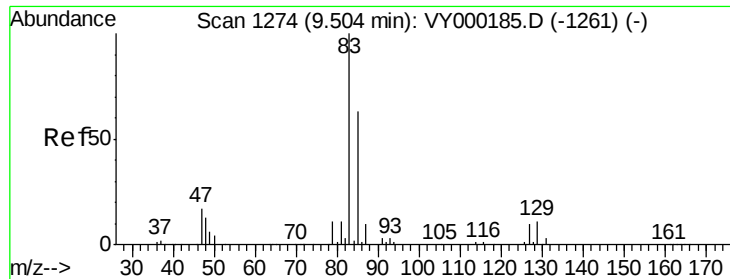
MMDadoda  
 10/7/2019 12:50:44 PM



#46  
 Dibromomethane  
 Concen: 5.673 ug/l  
 RT: 9.32 min Scan# 1243  
 Delta R.T. 0.01 min  
 Lab File: VY000183.D  
 Acq: 03 Oct 2019 13:20

| Tgt Ion | 93    | Resp  | 13503 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 93      | 100   |       |       |
| 95      | 79.9  | 64.4  | 96.6  |
| 174     | 116.8 | 95.1  | 142.7 |





#47

Bromodichloromethane

Concen: 5.191 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

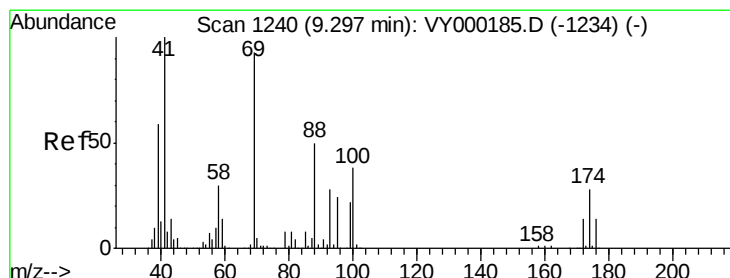
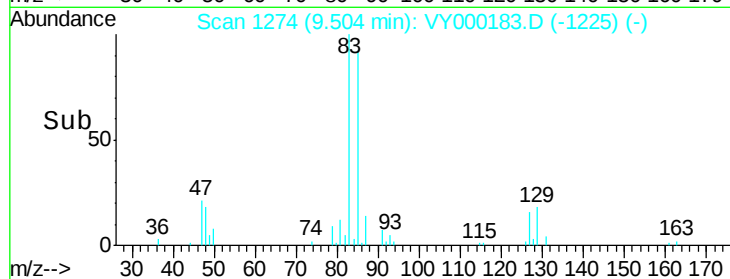
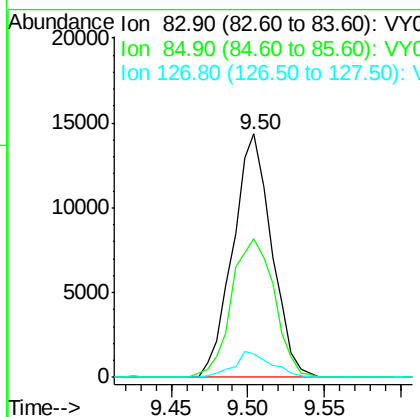
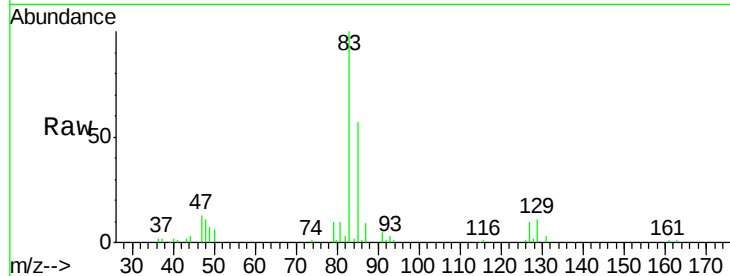
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 25241 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 57.1  | 50.6  | 76.0  |
| 127       | 9.7   | 7.7   | 11.5  |

Manual Integrations  
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MMDadoda  
10/7/2019 12:50:44 PM



#48

Methyl methacrylate

Concen: 5.091 ug/l

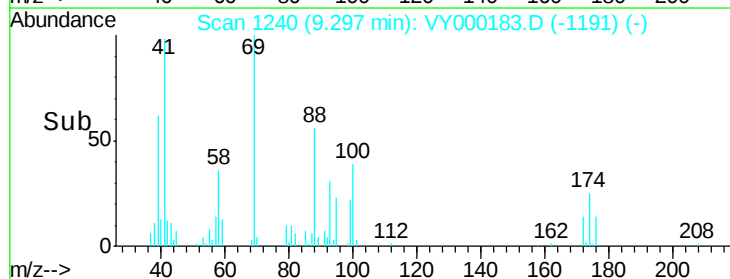
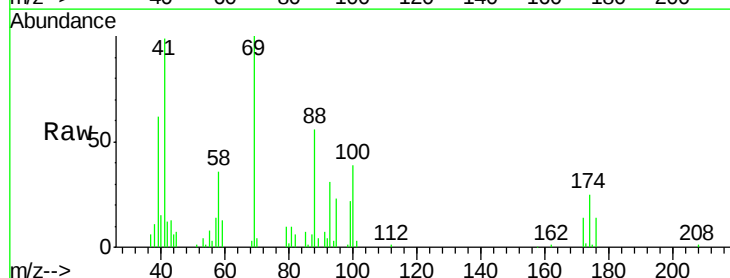
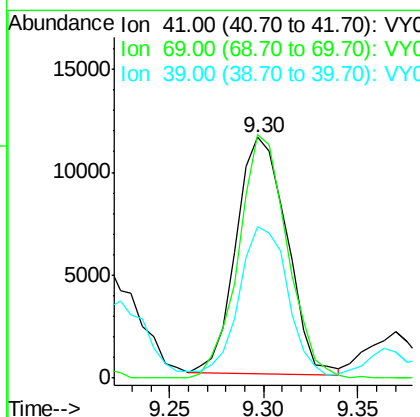
RT: 9.30 min Scan# 1240

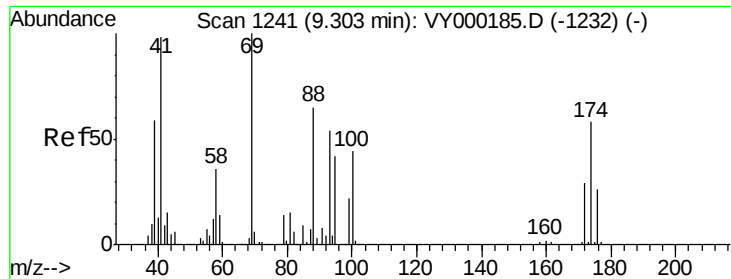
Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 21499 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 98.5  | 76.5  | 114.7 |
| 39        | 62.3  | 49.2  | 73.8  |





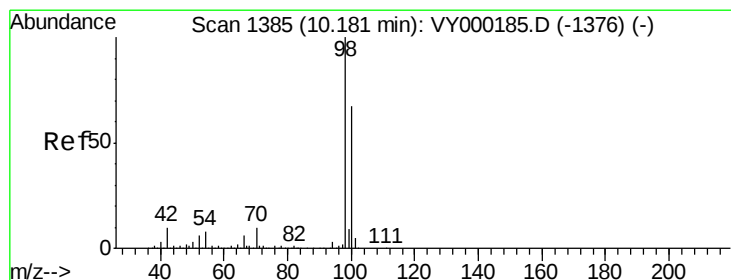
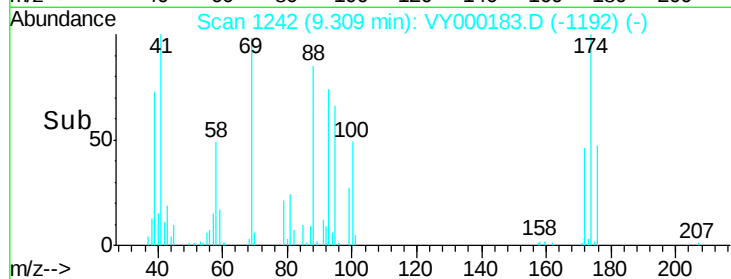
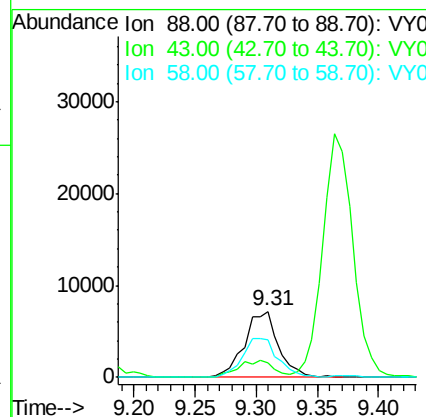
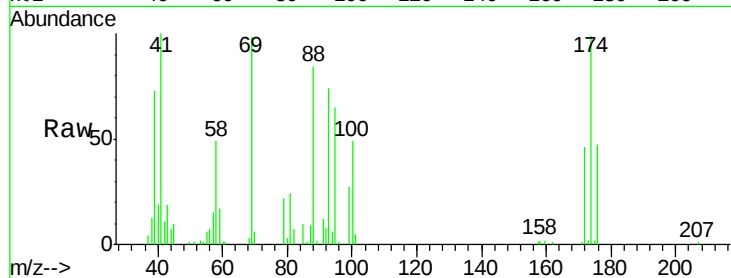
#49  
1,4-Dioxane  
Concen: 105.025 ug/l  
RT: 9.31 min Scan# 1242  
Delta R.T. 0.01 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 27.0  | 20.4  | 30.6  |
| 58      | 62.2  | 49.0  | 73.4  |

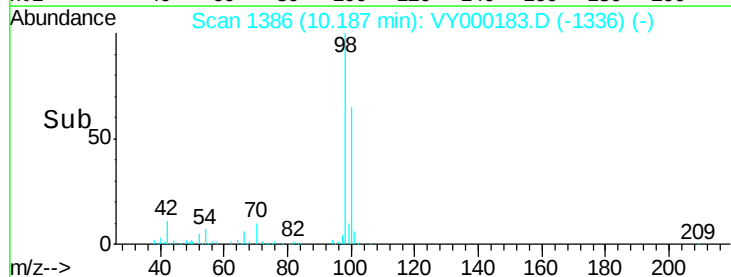
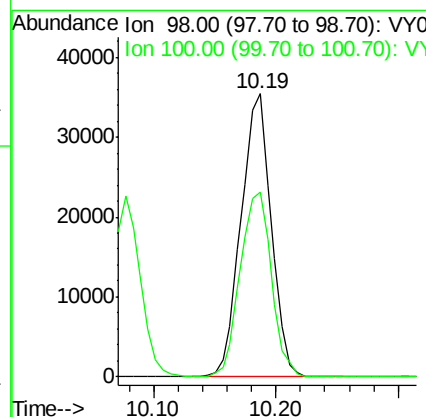
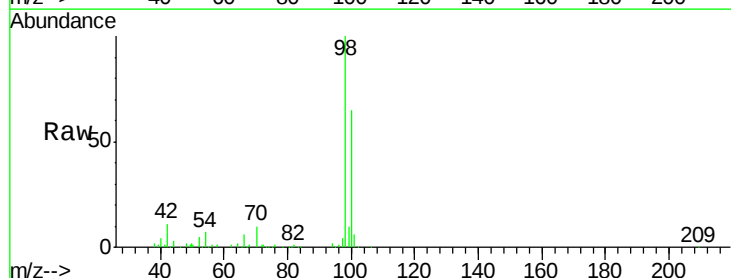
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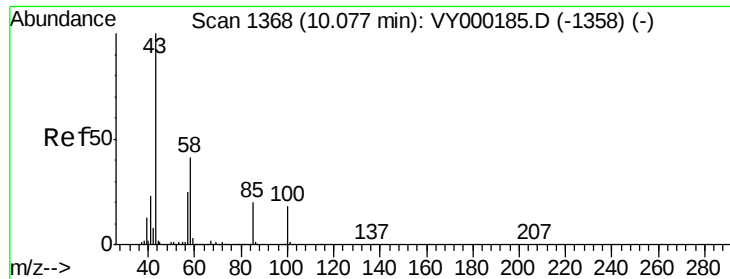
MMDadoda  
10/7/2019 12:50:44 PM



#50  
Toluene-d8  
Concen: 4.461 ug/l  
RT: 10.19 min Scan# 1386  
Delta R.T. 0.01 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 67.3  | 53.9  | 80.9  |





#51

4-Methyl-2-Pentanone

Concen: 24.556 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 183508

Ion Ratio Lower Upper

43 100

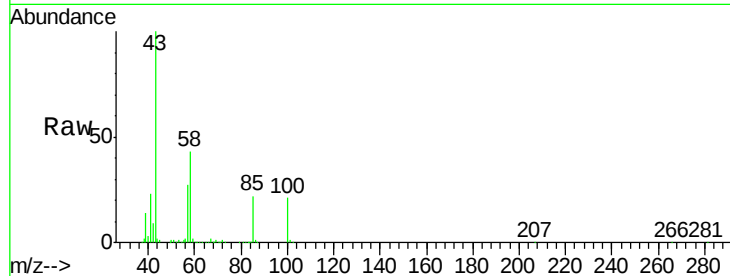
58 41.5 32.6 49.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

120000

100000

80000

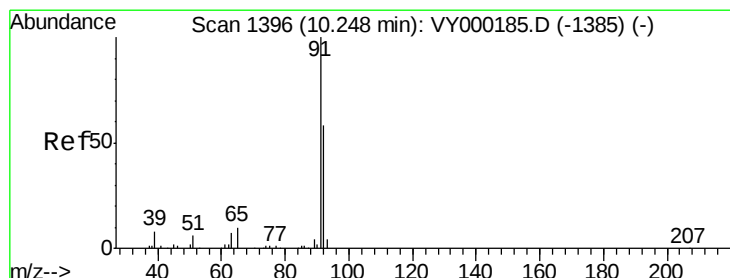
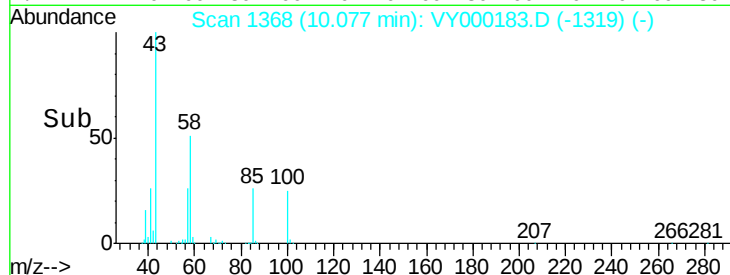
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 5.694 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000183.D

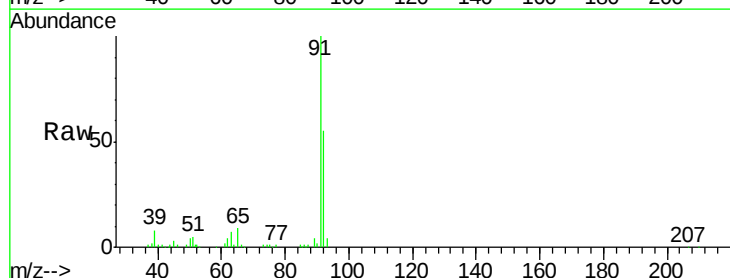
Acq: 03 Oct 2019 13:20

Tgt Ion: 92 Resp: 46962

Ion Ratio Lower Upper

92 100

91 172.9 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.25

60000

50000

40000

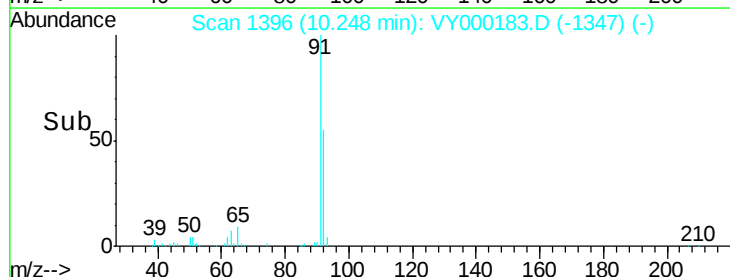
30000

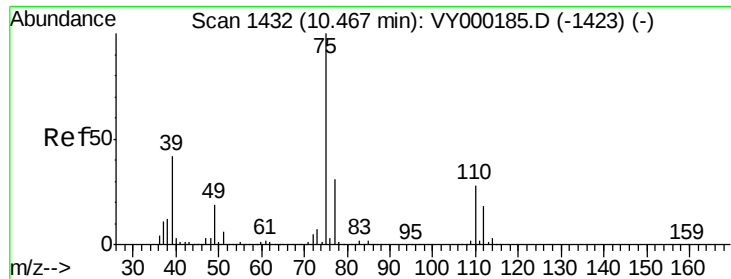
20000

10000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 5.153 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 27515

Ion Ratio Lower Upper

75 100

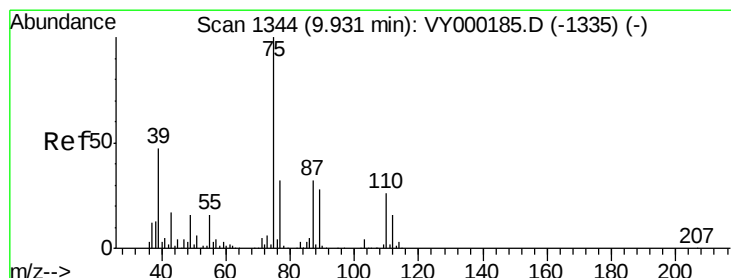
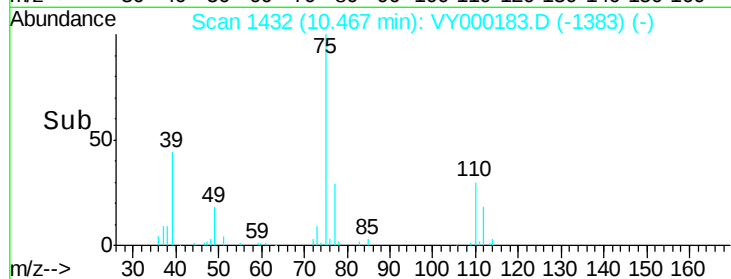
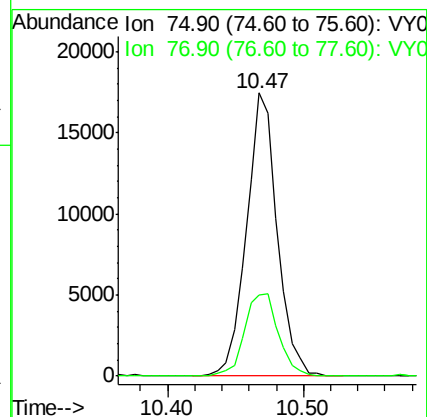
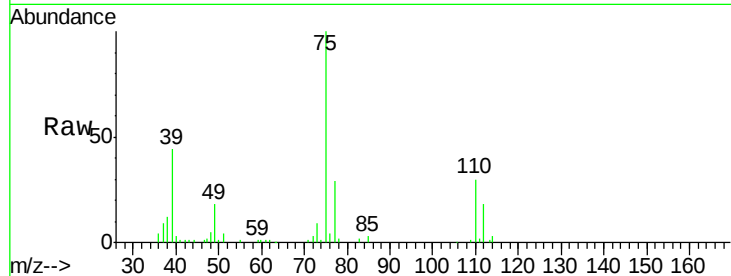
77 28.8 24.8 37.2

Manual Integrations

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MMDadoda

10/7/2019 12:50:44 PM



#54

cis-1,3-Dichloropropene

Concen: 5.570 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

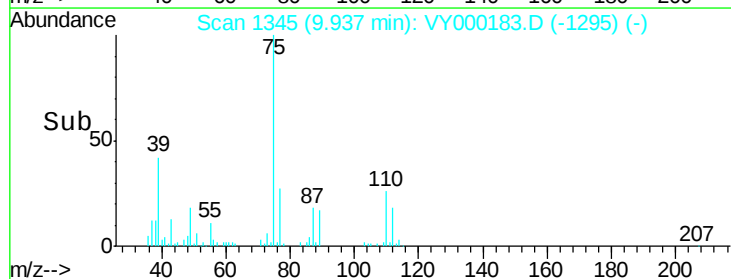
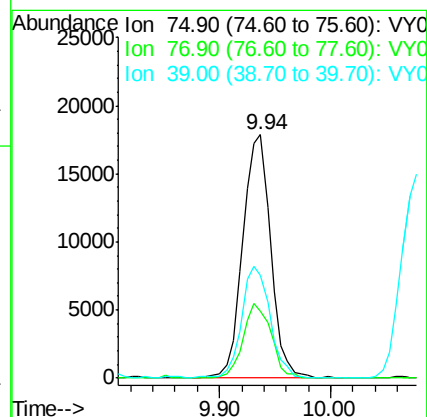
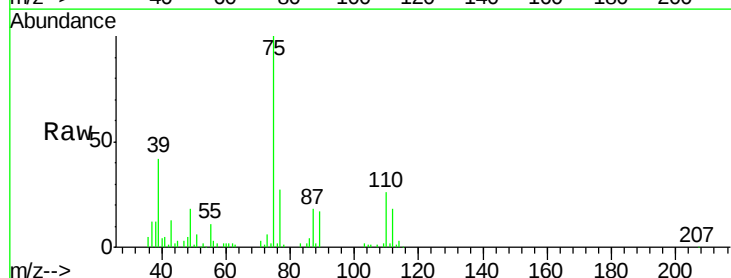
Tgt Ion: 75 Resp: 31015

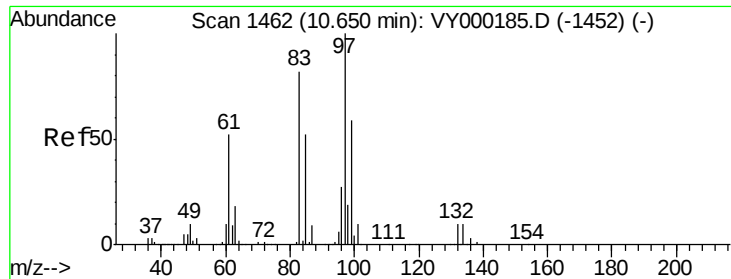
Ion Ratio Lower Upper

75 100

77 27.4 26.0 39.0

39 42.3 37.2 55.8





#55

1,1,2-Trichloroethane

Concen: 5.023 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

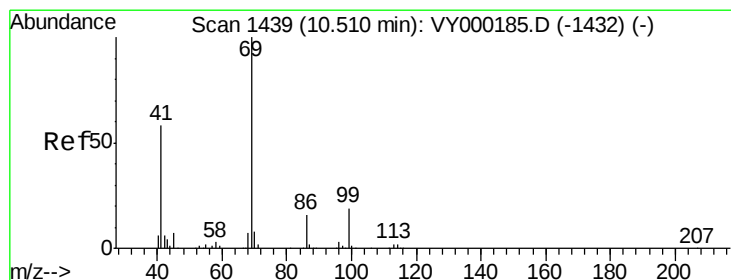
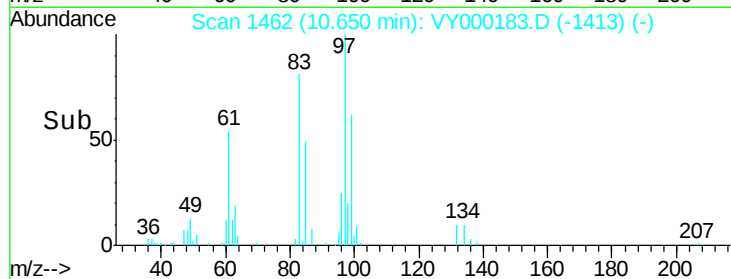
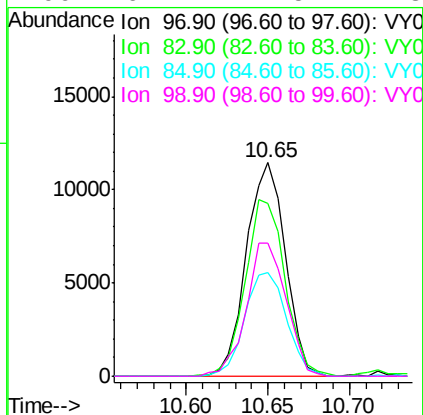
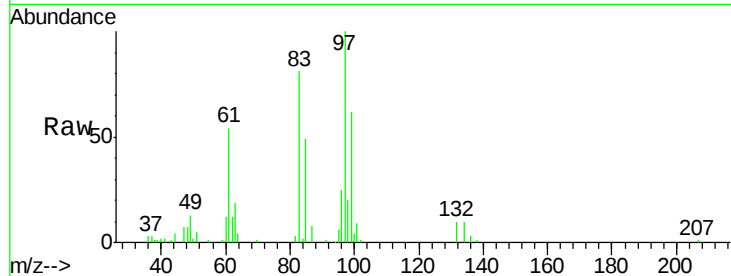
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 19048 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 80.6  | 65.4  | 98.2  |
| 85       | 48.8  | 41.4  | 62.0  |
| 99       | 62.4  | 47.5  | 71.3  |

Manual Integrations  
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10/7/2019 12:50:44 PM



#56

Ethyl methacrylate

Concen: 4.938 ug/l

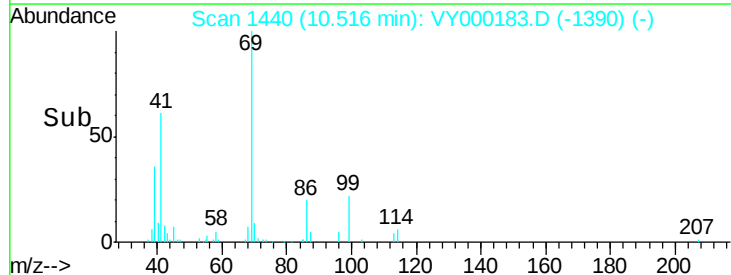
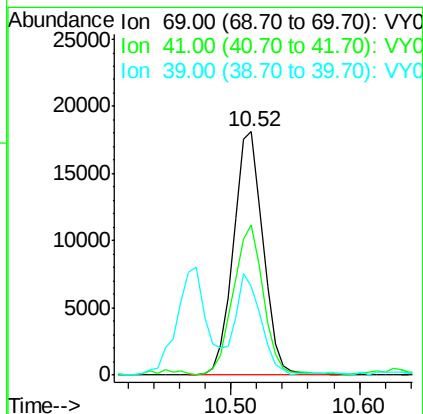
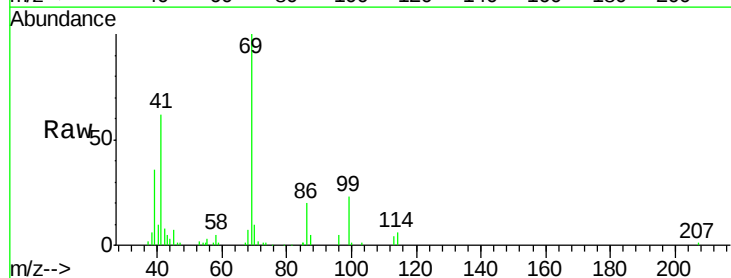
RT: 10.52 min Scan# 1440

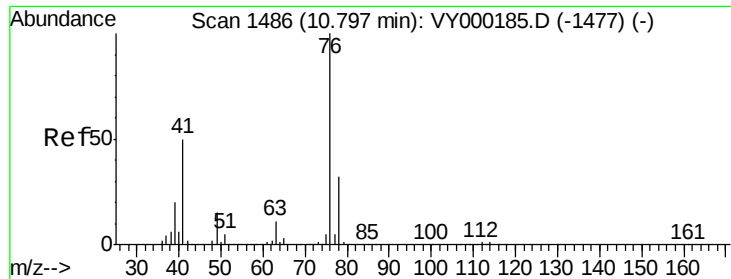
Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 29063 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 62.9  | 48.1  | 72.1  |
| 39       | 36.6  | 27.2  | 40.8  |





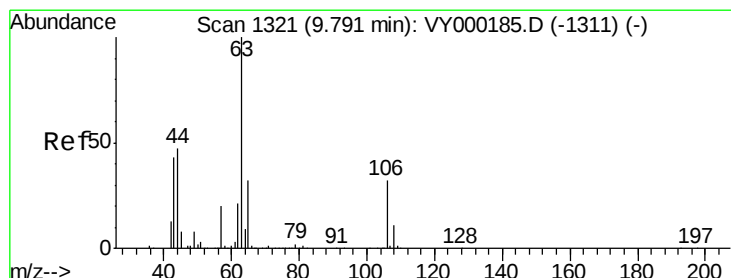
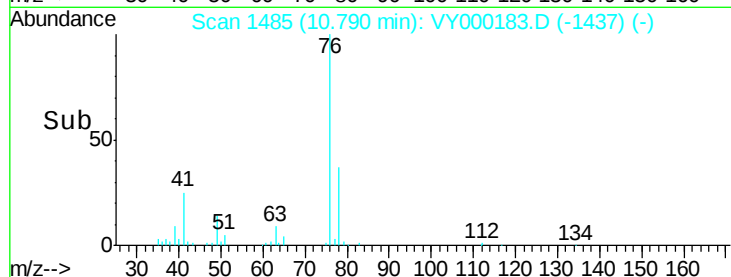
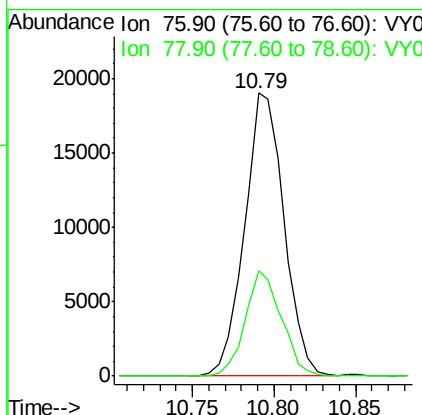
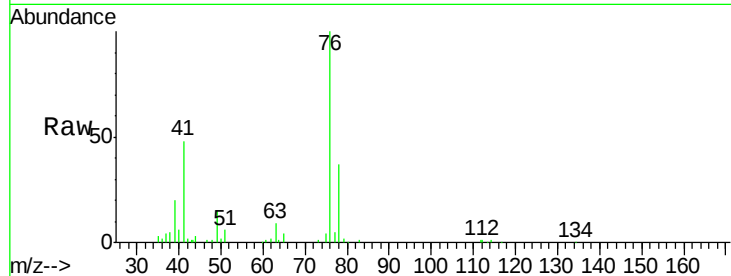
#57  
 1,3-Dichloropropane  
 Concen: 5.428 ug/l  
 RT: 10.79 min Scan# 1485  
 Delta R.T. -0.01 min  
 Lab File: VY000183.D  
 Acq: 03 Oct 2019 13:20

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 34.0  | 26.4  | 39.6  |

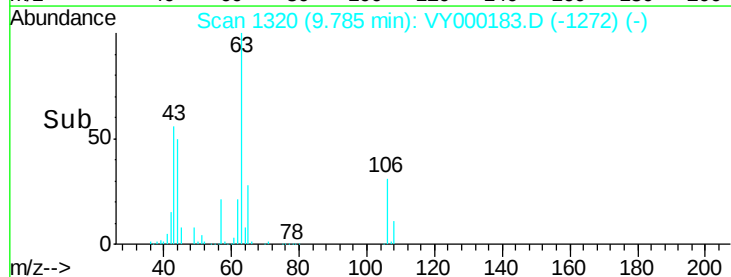
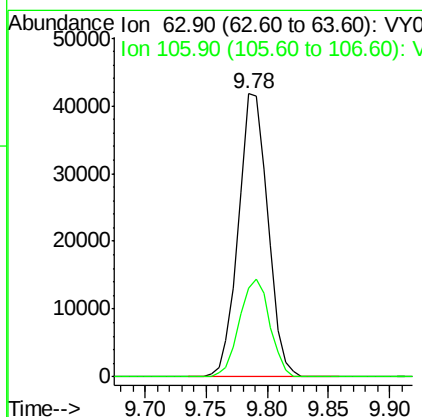
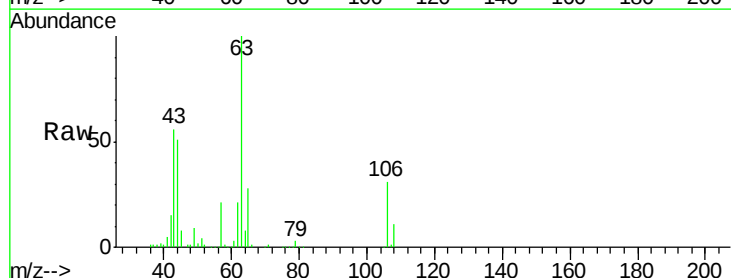
Manual Integrations  
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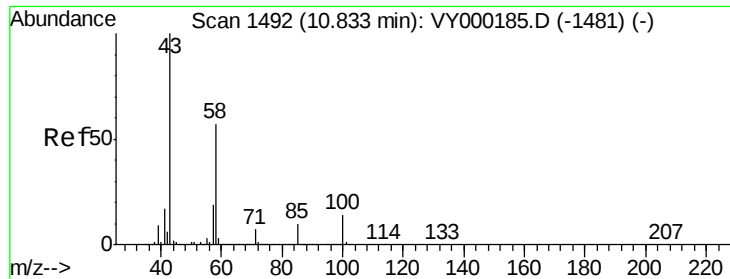
MMDadoda  
 10/7/2019 12:50:44 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 23.281 ug/l  
 RT: 9.78 min Scan# 1320  
 Delta R.T. -0.01 min  
 Lab File: VY000183.D  
 Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 35.4  | 25.8  | 38.6  |





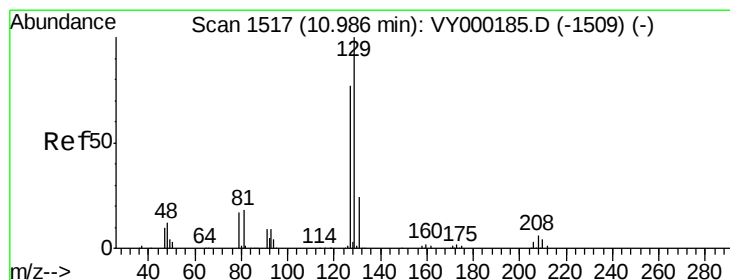
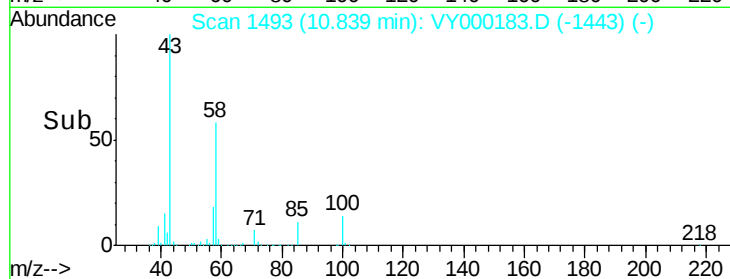
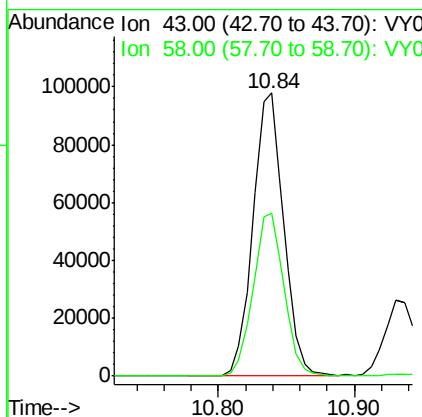
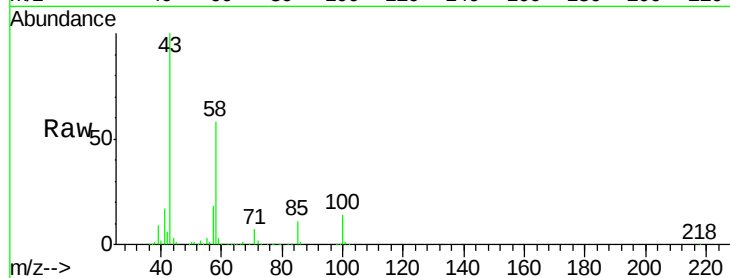
#59  
2-Hexanone  
Concen: 24.683 ug/l  
RT: 10.84 min Scan# 1493  
Delta R.T. 0.01 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

Tot Ion: 43 Resp: 155392  
Ion Ratio Lower Upper  
43 100  
58 57.9 28.6 85.8

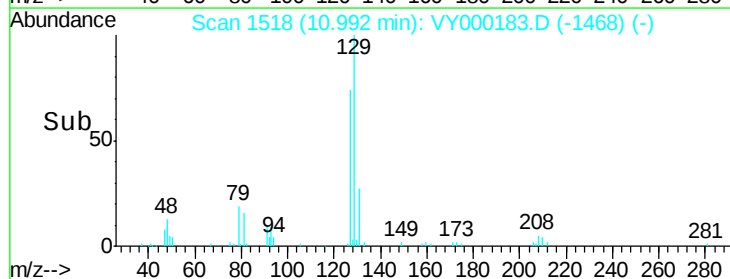
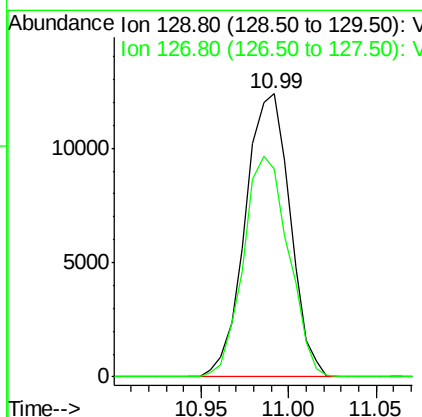
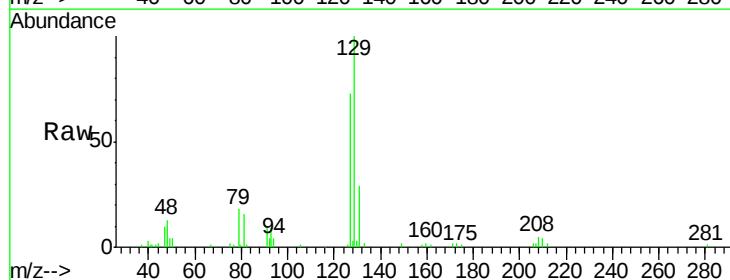
Manual Integrations  
APPROVED

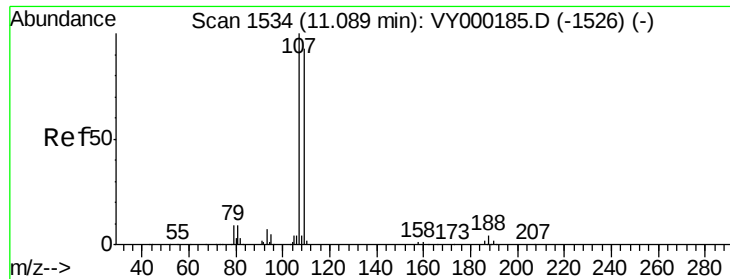
MMDadoda  
10/7/2019 12:50:44 PM



#60  
Dibromochloromethane  
Concen: 5.050 ug/l  
RT: 10.99 min Scan# 1518  
Delta R.T. 0.01 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Tgt Ion: 129 Resp: 22032  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.3 114.8





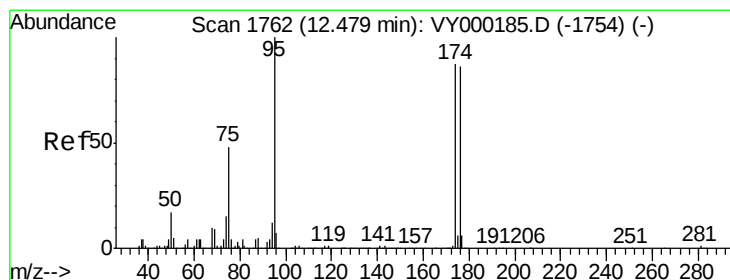
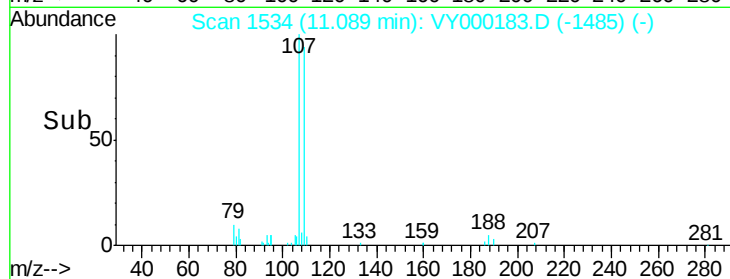
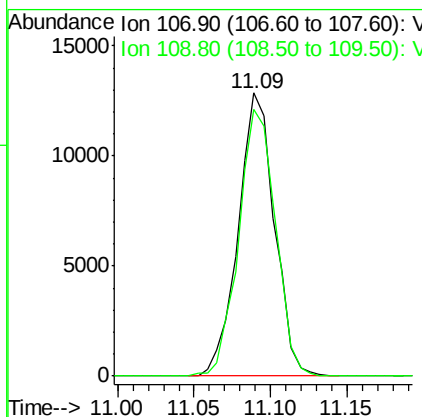
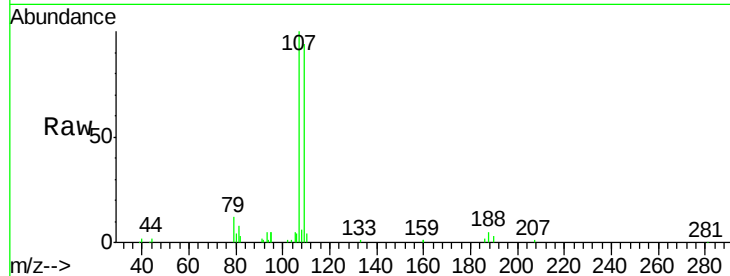
#61  
 1,2-Dibromoethane  
 Concen: 5.500 ug/l  
 RT: 11.09 min Scan# 1534  
 Delta R.T. -0.00 min  
 Lab File: VY000183.D  
 Acq: 03 Oct 2019 13:20

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 96.0  | 75.9  | 113.9 |

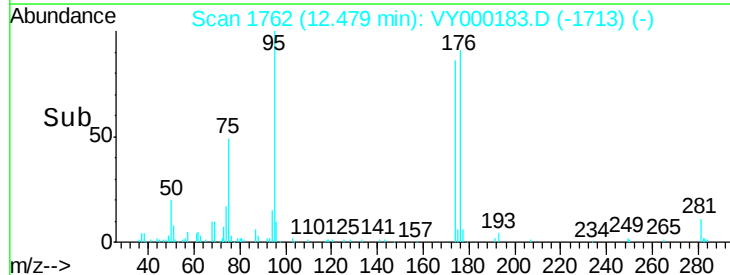
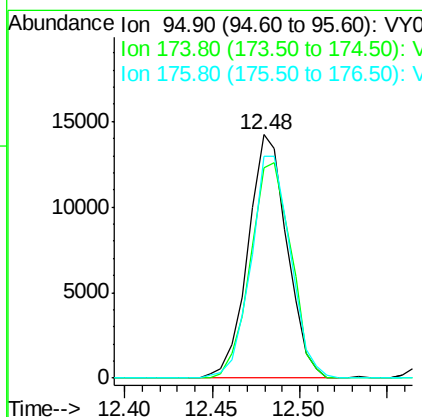
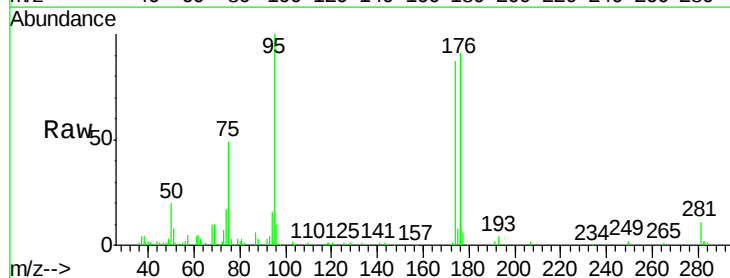
Manual Integrations  
 APPROVED

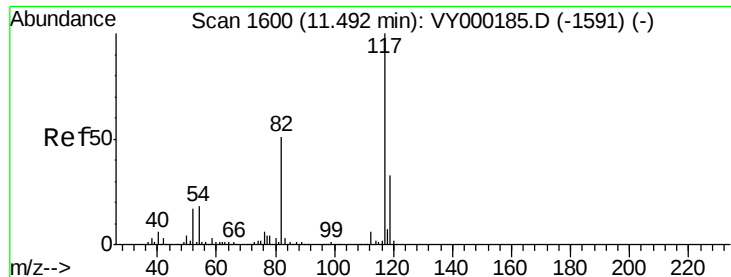
MMDadoda  
 10/7/2019 12:50:44 PM



#62  
 4-Bromofluorobenzene  
 Concen: 4.654 ug/l  
 RT: 12.48 min Scan# 1762  
 Delta R.T. -0.00 min  
 Lab File: VY000183.D  
 Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 91.9  | 0.0   | 188.6 |
| 176     | 92.4  | 0.0   | 183.6 |





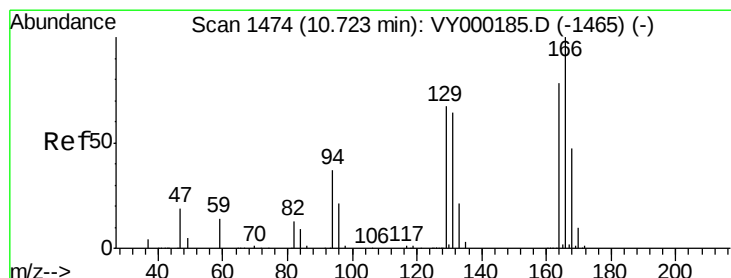
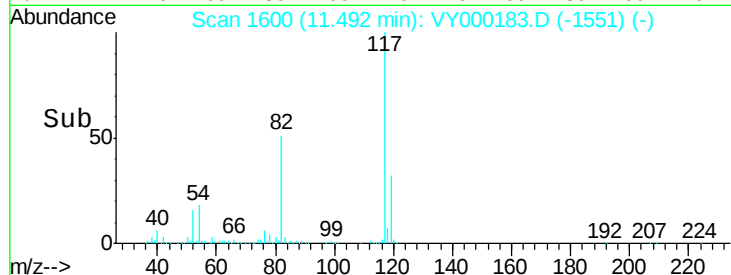
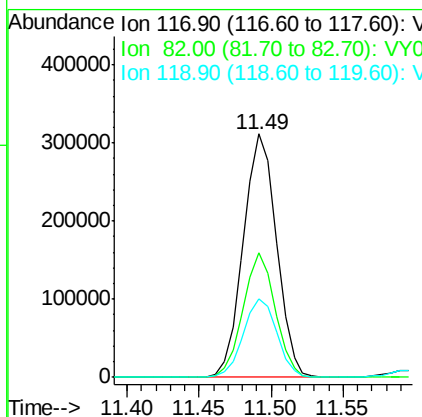
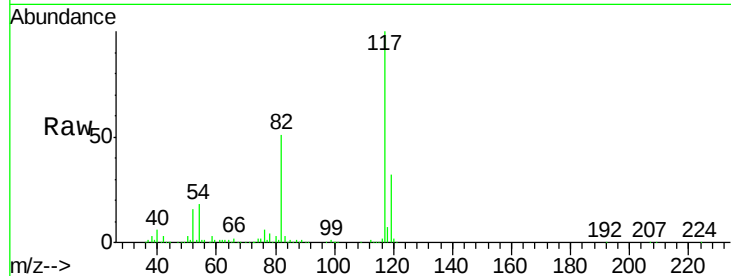
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 51.3  | 41.0  | 61.4  |
| 119     | 32.4  | 26.2  | 39.2  |

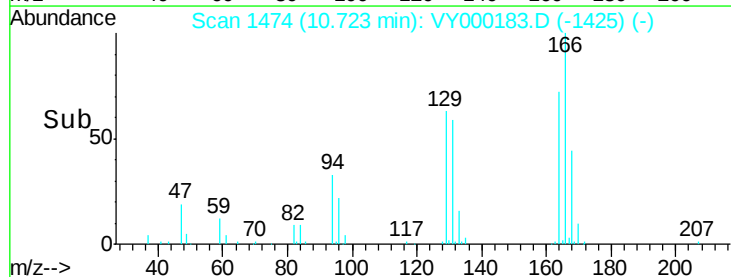
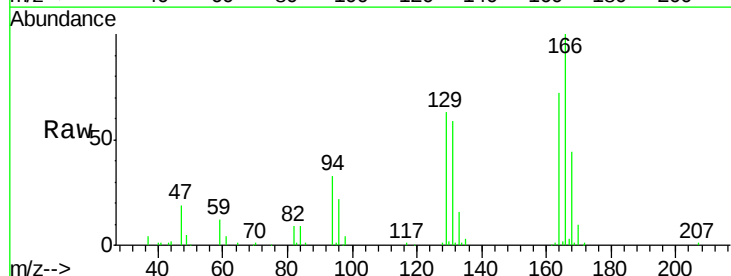
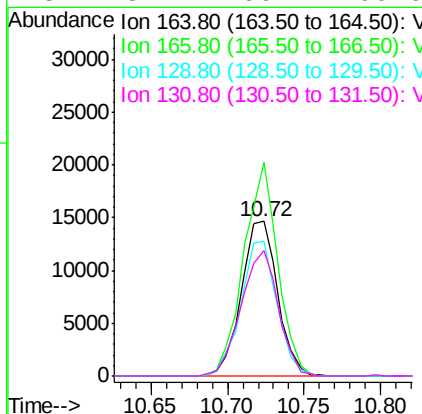
Manual Integrations  
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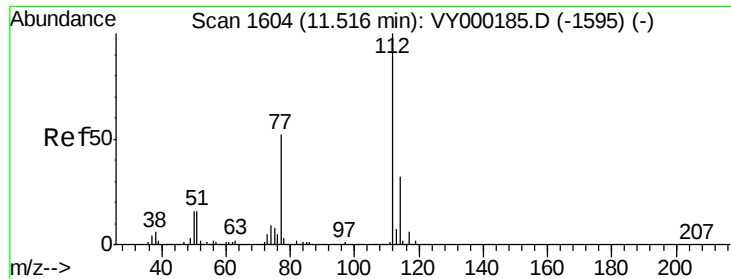
MMDadoda  
10/7/2019 12:50:44 PM



#64  
Tetrachloroethene  
Concen: 6.219 ug/l  
RT: 10.72 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 138.0 | 103.2 | 154.8 |
| 129     | 86.7  | 69.0  | 103.4 |
| 131     | 81.2  | 66.4  | 99.6  |





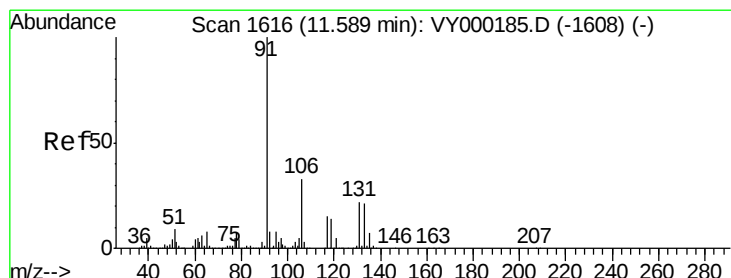
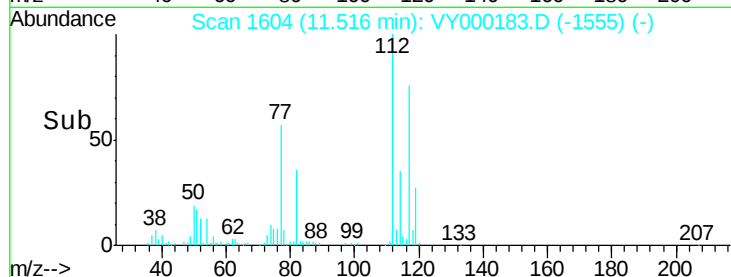
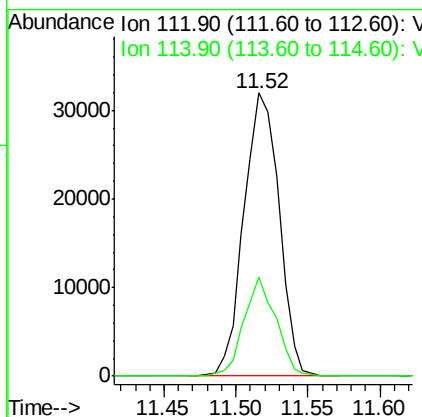
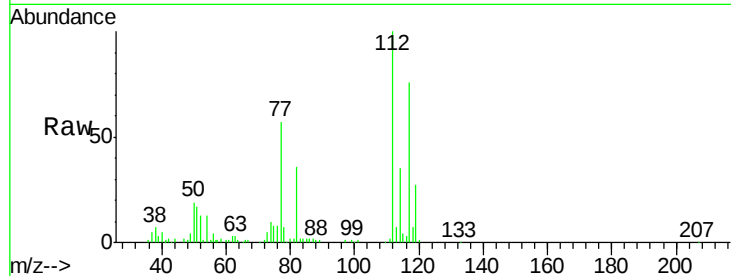
#65  
Chlorobenzene  
Concen: 5.742 ug/l  
RT: 11.52 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

Tot Ion:112 Resp: 54177  
Ion Ratio Lower Upper  
112 100  
114 35.1 25.6 38.4

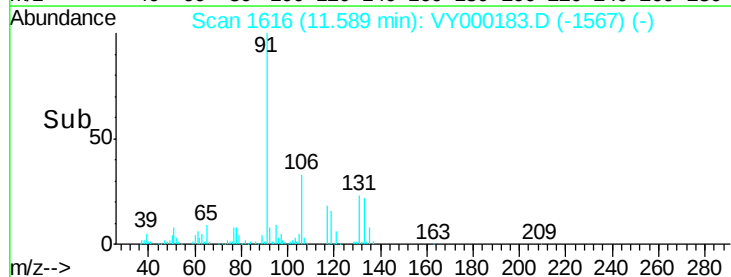
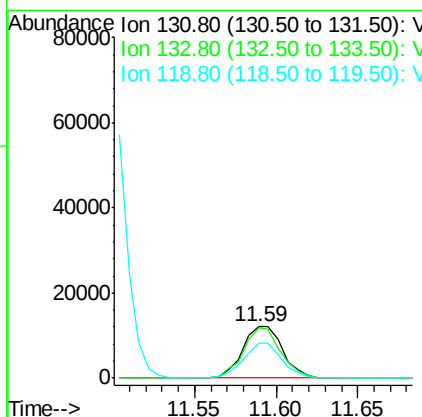
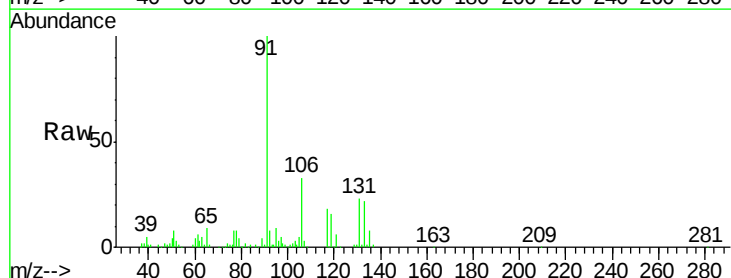
Manual Integrations  
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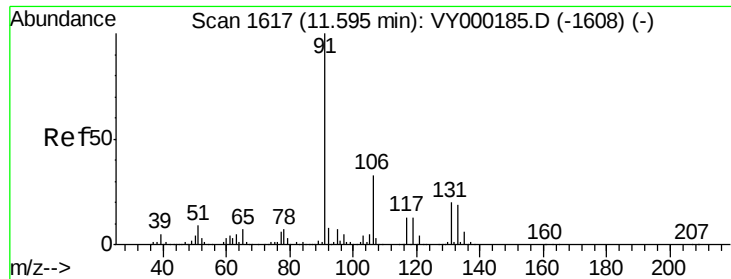
MMDadoda  
10/7/2019 12:50:44 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 5.292 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Tgt Ion:131 Resp: 20590  
Ion Ratio Lower Upper  
131 100  
133 93.0 47.4 142.3  
119 65.2 32.6 98.0





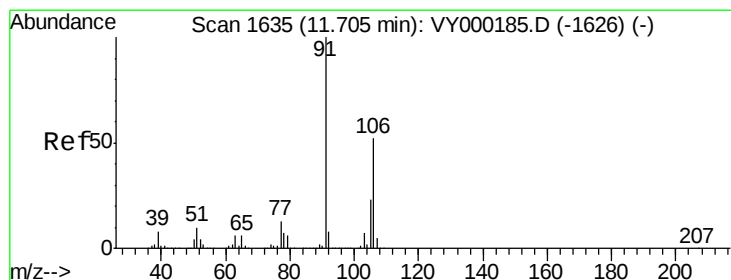
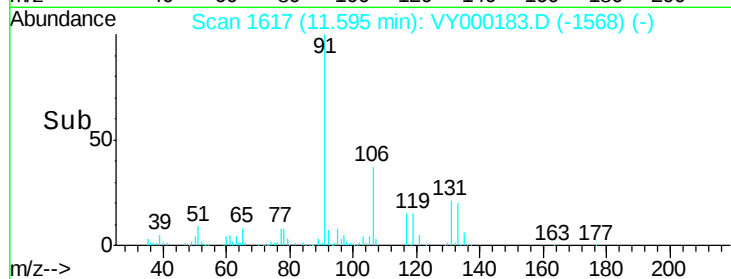
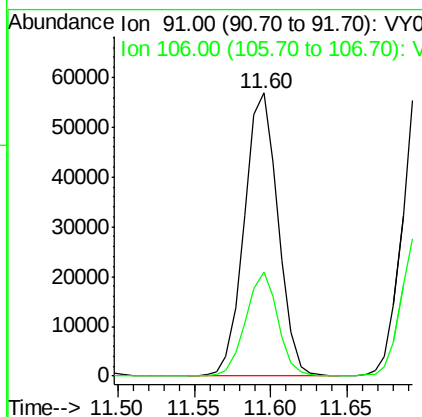
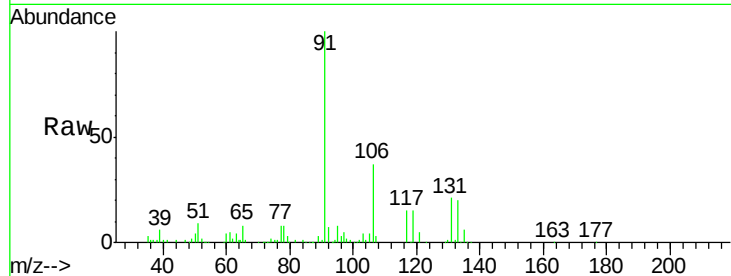
#67  
Ethyl Benzene  
Concen: 5.549 ug/l  
RT: 11.60 min Scan# 1617  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

Tot Ion: 91 Resp: 87352  
Ion Ratio Lower Upper  
91 100  
106 36.6 26.3 39.5

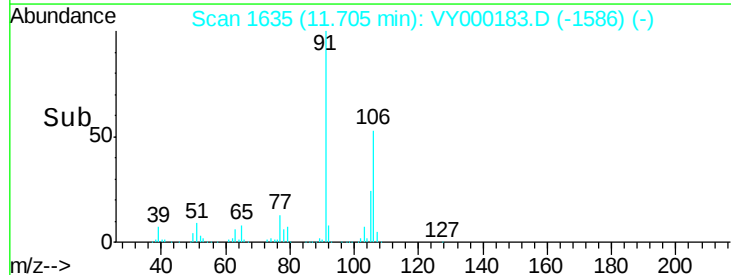
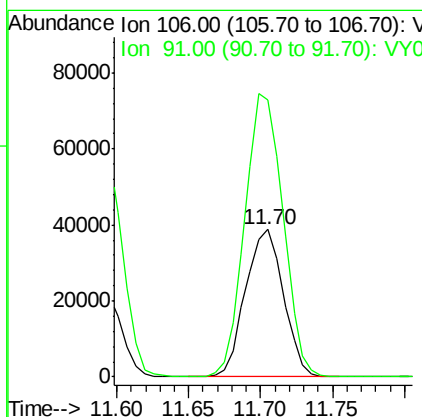
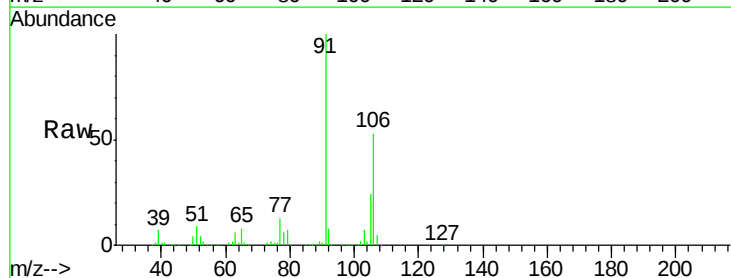
Manual Integrations  
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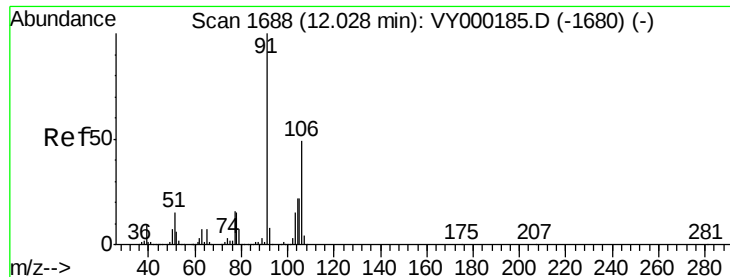
MMDadoda  
10/7/2019 12:50:44 PM



#68  
m/p-Xylenes  
Concen: 11.360 ug/l  
RT: 11.70 min Scan# 1635  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Tgt Ion: 106 Resp: 70956  
Ion Ratio Lower Upper  
106 100  
91 192.9 151.7 227.5





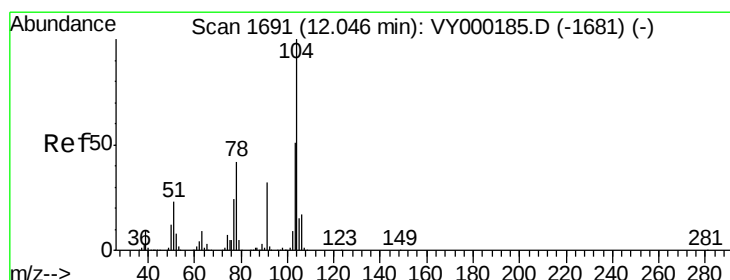
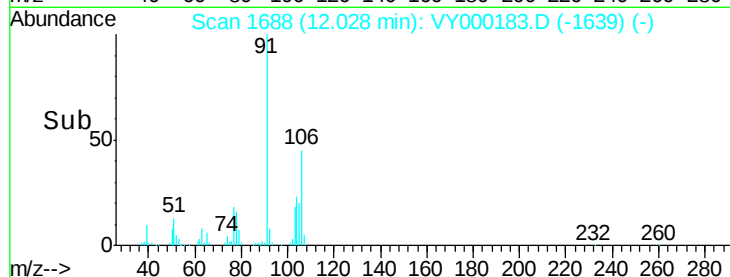
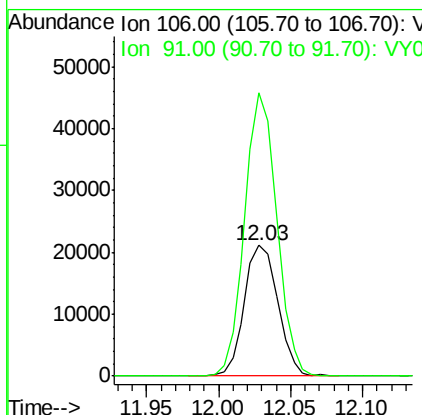
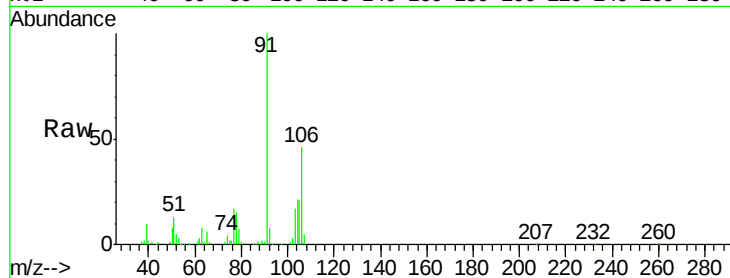
#69  
o-Xylene  
Concen: 5.438 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleID :  
VSTDIC005

Tot Ion:106 Resp: 34042  
Ion Ratio Lower Upper  
106 100  
91 207.5 98.7 296.1

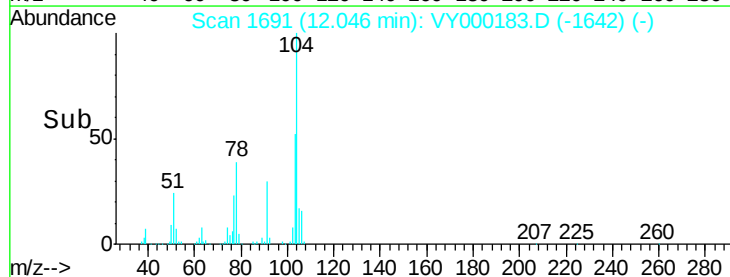
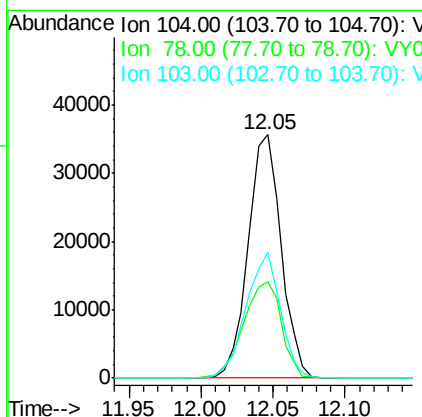
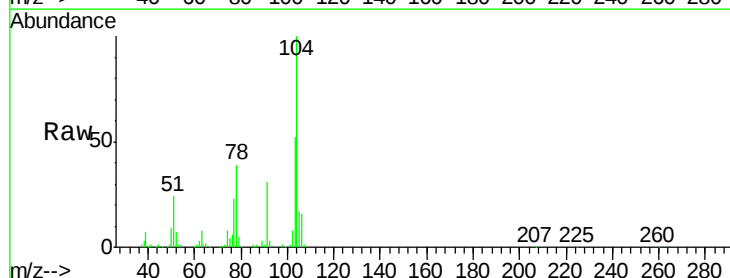
Manual Integrations  
APPROVED

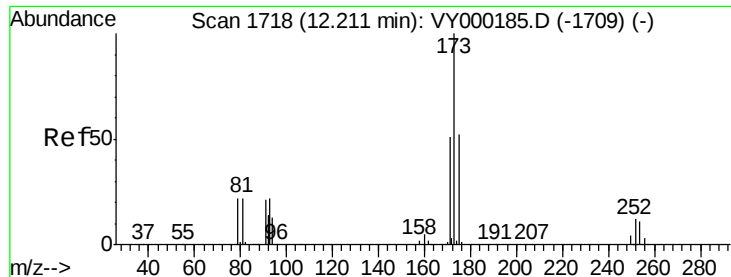
MMDadoda  
10/7/2019 12:50:44 PM



#70  
Styrene  
Concen: 5.232 ug/l  
RT: 12.05 min Scan# 1691  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Tgt Ion:104 Resp: 56408  
Ion Ratio Lower Upper  
104 100  
78 45.8 36.3 54.5  
103 53.5 43.1 64.7





#71

Bromoform

Concen: 4.588 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

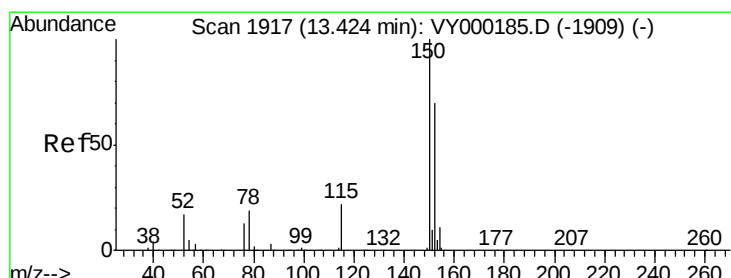
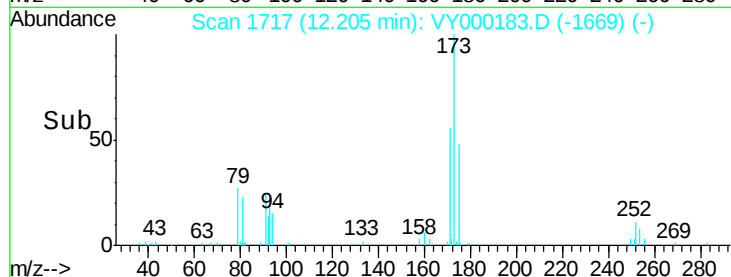
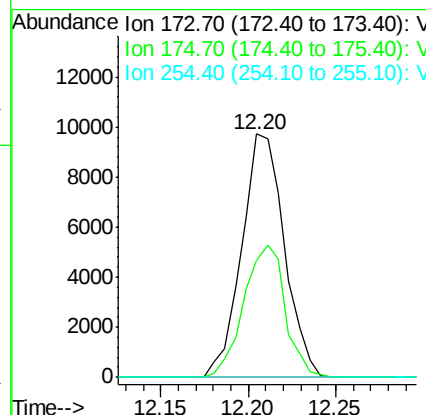
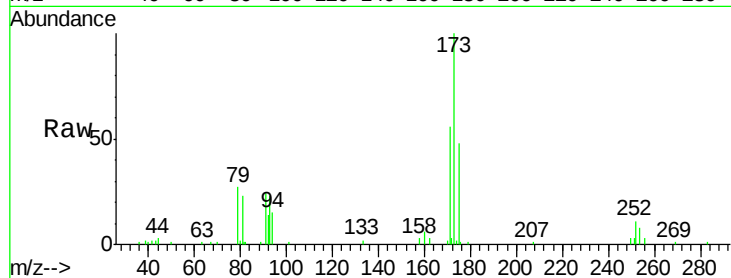
ClientSampleId :

VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 52.6  | 24.5  | 73.5  |
| 254     | 0.0   | 0.1   | 0.1#  |

Manual Integrations  
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10/7/2019 12:50:44 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

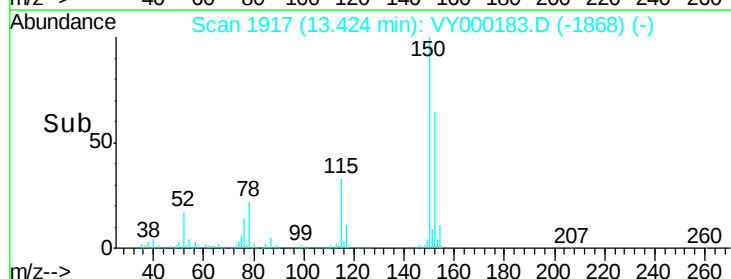
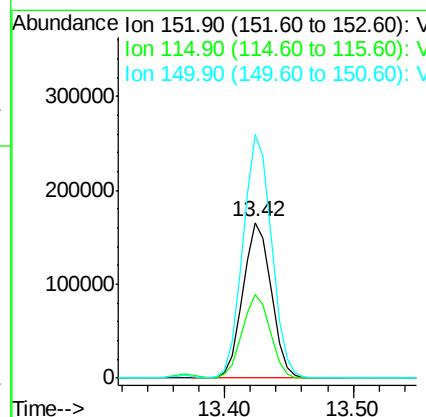
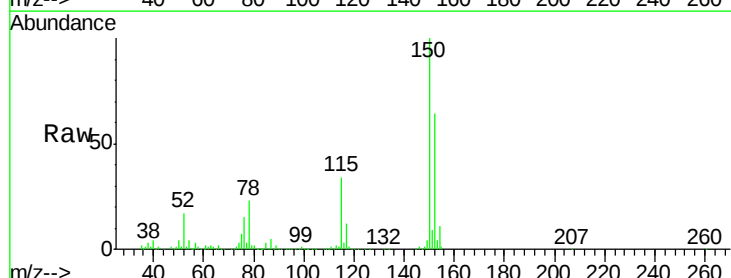
RT: 13.42 min Scan# 1917

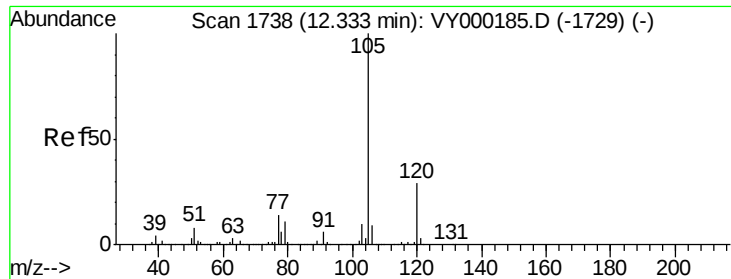
Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 53.3  | 27.2  | 81.6  |
| 150     | 158.0 | 0.0   | 351.2 |





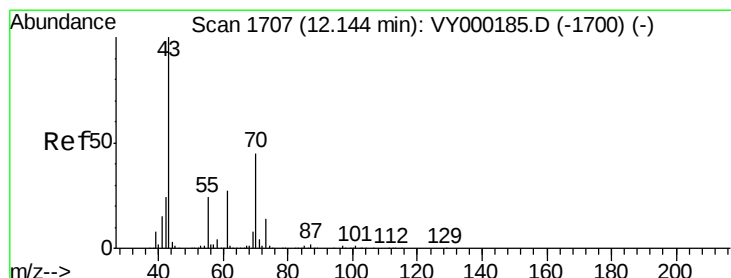
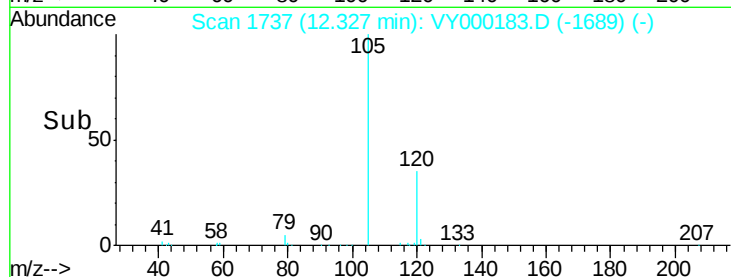
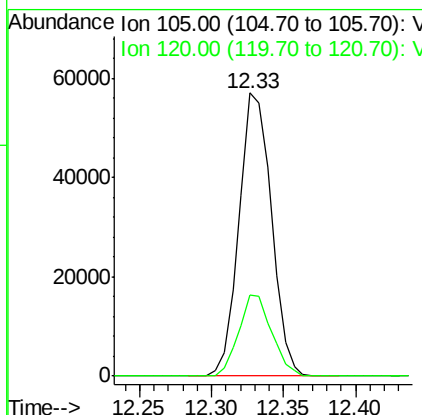
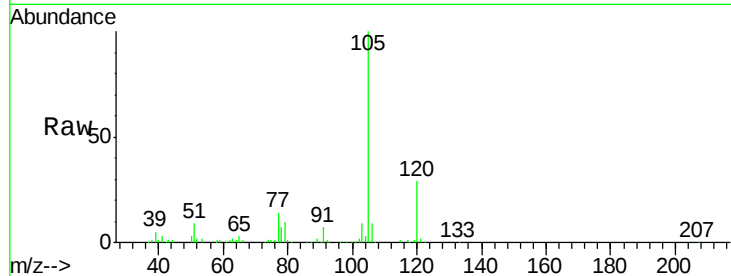
#73  
Isopropylbenzene  
Concen: 5.375 ug/l  
RT: 12.33 min Scan# 1737  
Delta R.T. -0.01 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 29.1  | 14.1  | 42.3  |

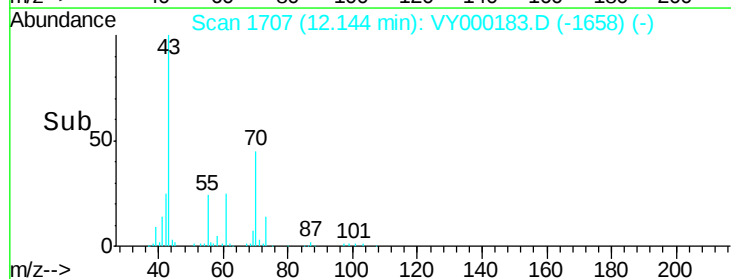
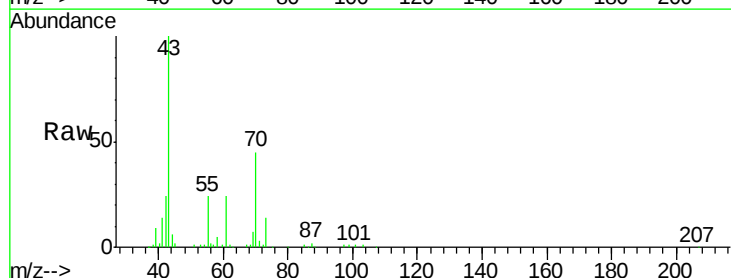
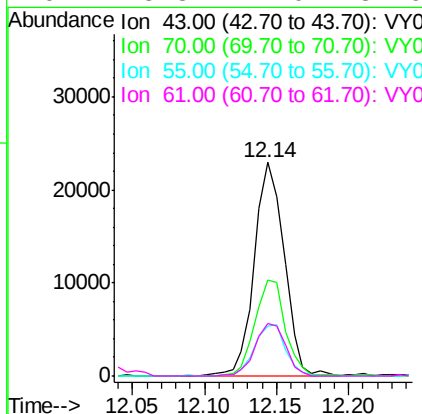
Manual Integrations  
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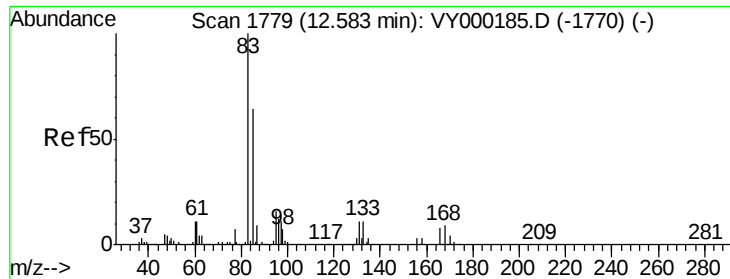
MMDadoda  
10/7/2019 12:50:44 PM



#74  
N-ethyl acetate  
Concen: 4.511 ug/l  
RT: 12.14 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 46.2  | 36.7  | 55.1  |
| 55      | 25.2  | 18.6  | 27.8  |
| 61      | 25.3  | 21.0  | 31.6  |





#75

1,1,2,2-Tetrachloroethane

Concen: 4.988 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

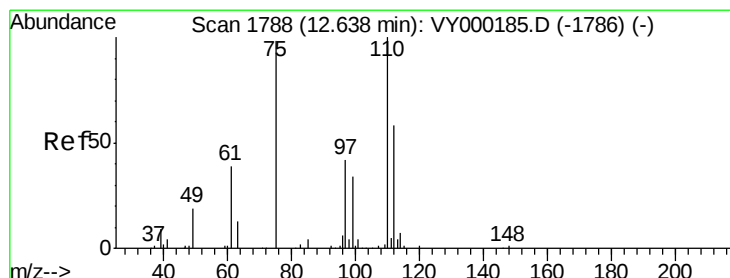
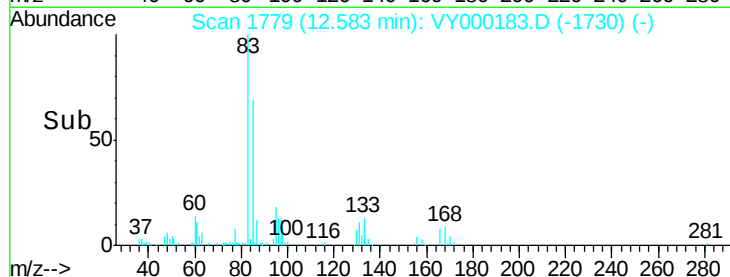
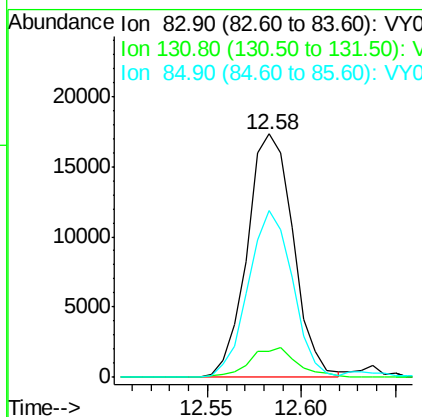
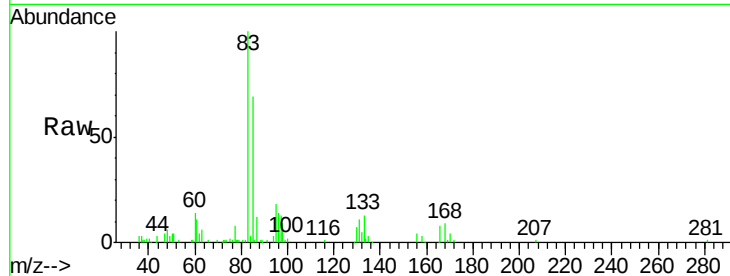
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 29325 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 12.7  | 5.6   | 16.8  |
| 85        | 66.1  | 32.1  | 96.3  |

Manual Integrations  
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10/7/2019 12:50:44 PM



#76

1,2,3-Trichloropropane

Concen: 4.792 ug/l m

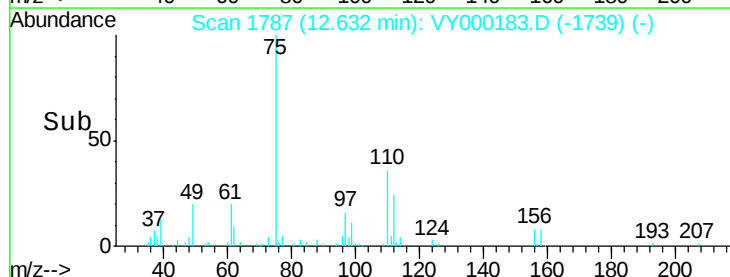
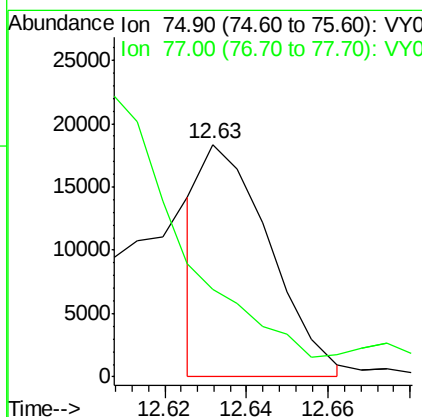
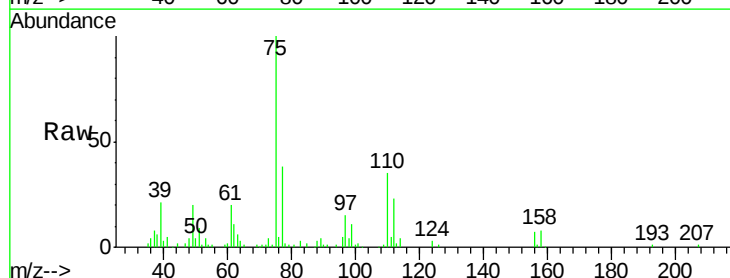
RT: 12.63 min Scan# 1787

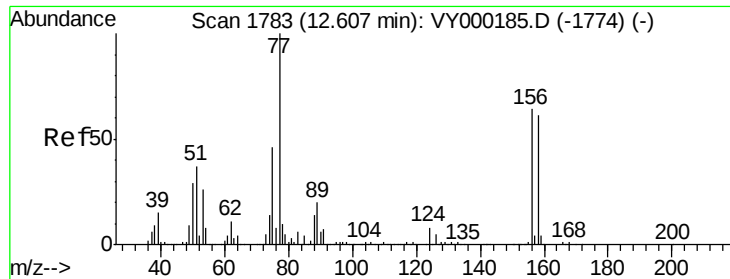
Delta R.T. -0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 21071 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





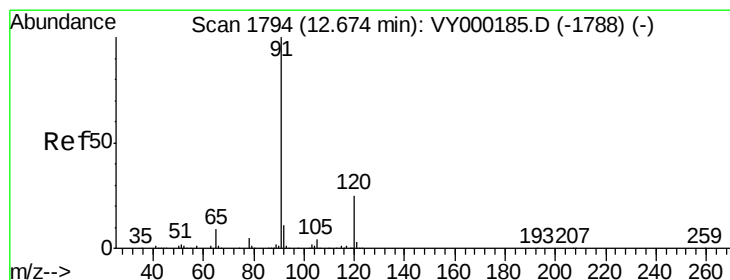
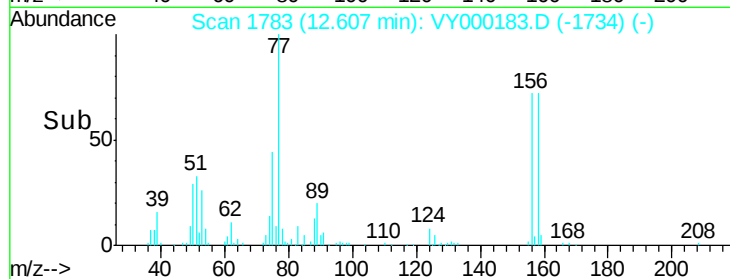
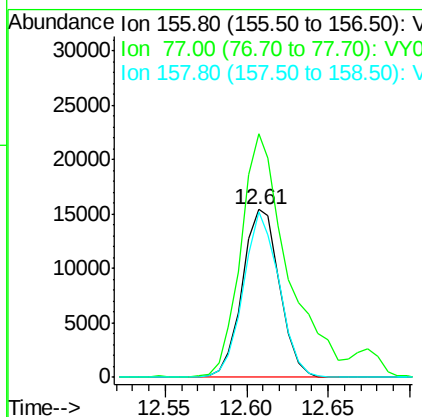
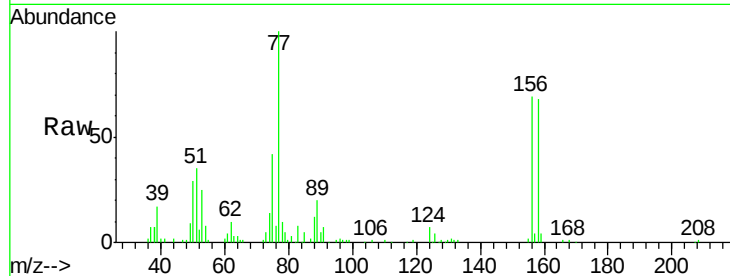
#77  
Bromobenzene  
Concen: 5.371 ug/l  
RT: 12.61 min Scan# 1783  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 184.4 | 95.3  | 285.8 |
| 158     | 94.7  | 48.0  | 144.2 |

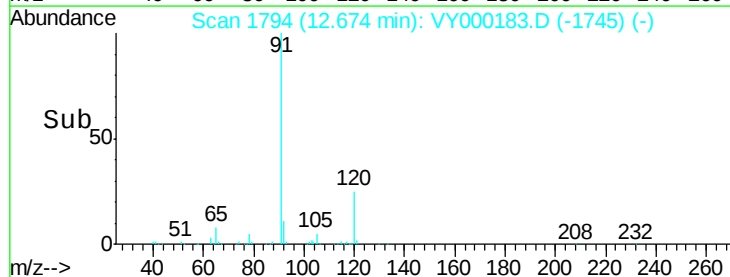
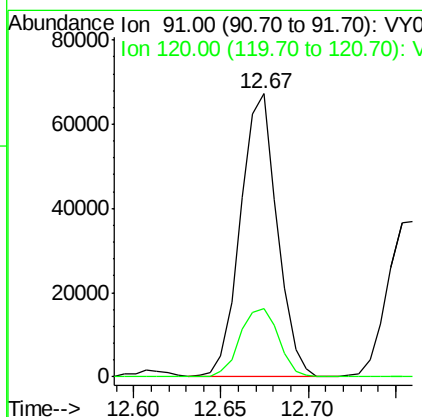
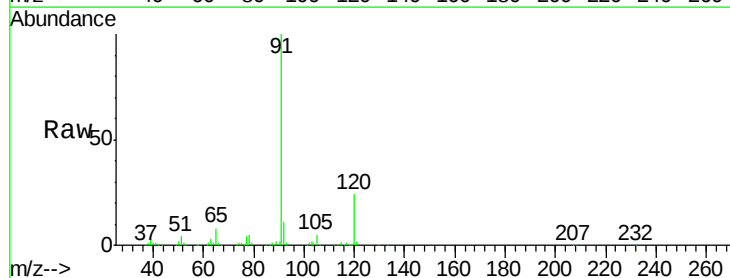
Manual Integrations  
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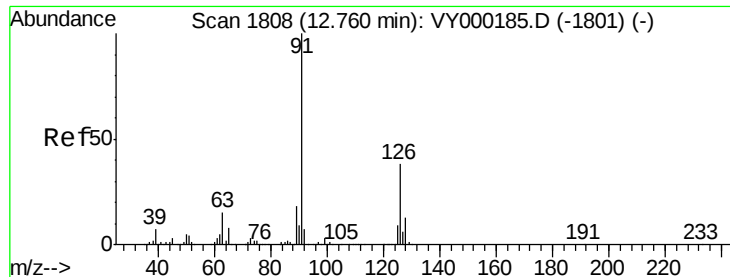
MMDadoda  
10/7/2019 12:50:44 PM



#78  
n-propylbenzene  
Concen: 5.305 ug/l  
RT: 12.67 min Scan# 1794  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 25.5  | 12.6  | 37.8  |





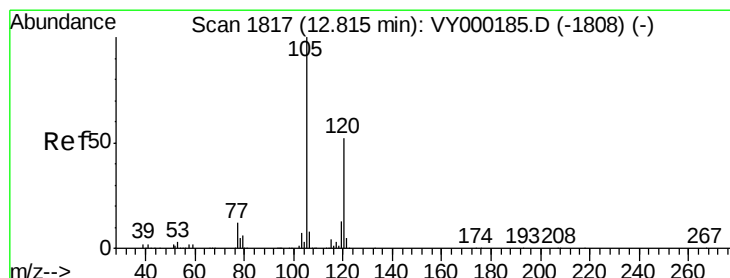
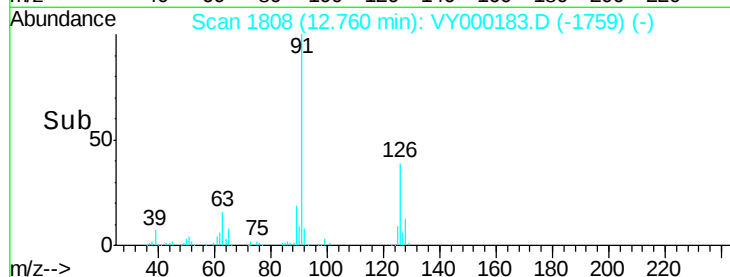
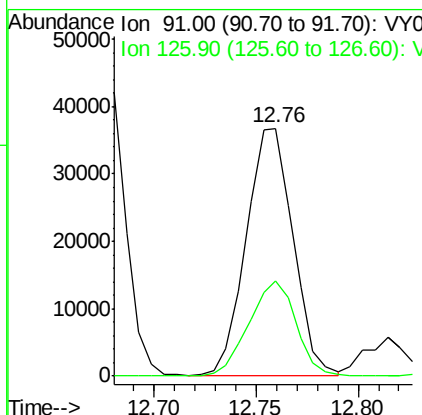
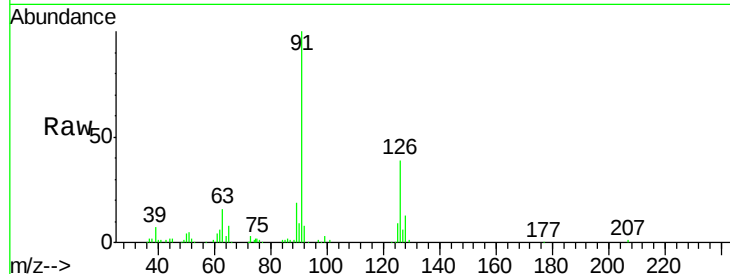
#79  
2-Chlorotoluene  
Concen: 5.416 ug/l  
RT: 12.76 min Scan# 1808  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 38.5  | 18.6  | 56.0  |

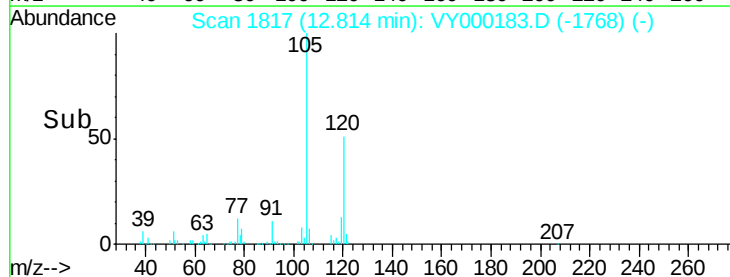
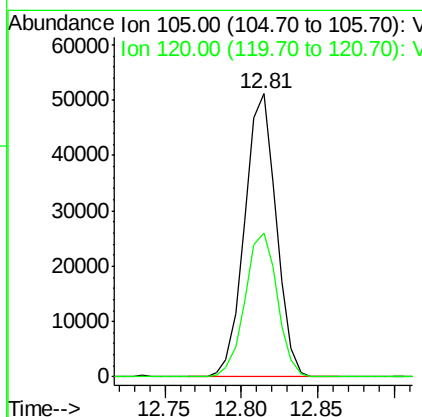
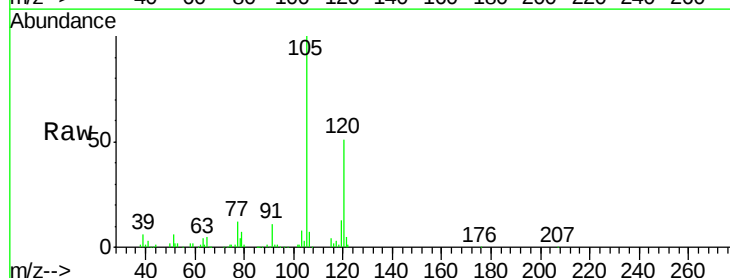
Manual Integrations  
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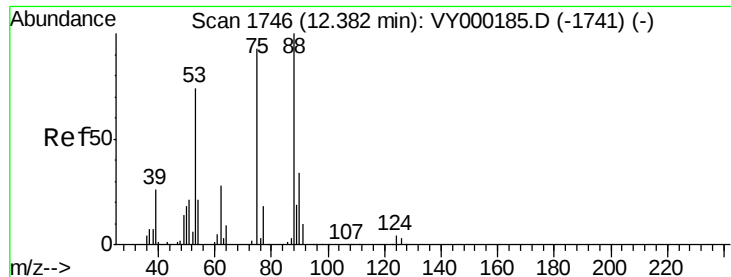
MMDadoda  
10/7/2019 12:50:44 PM



#80  
1,3,5-Trimethylbenzene  
Concen: 5.284 ug/l  
RT: 12.81 min Scan# 1817  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 52.1  | 25.9  | 77.6  |





#81

trans-1,4-Dichloro-2-butene

Concen: 4.505 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

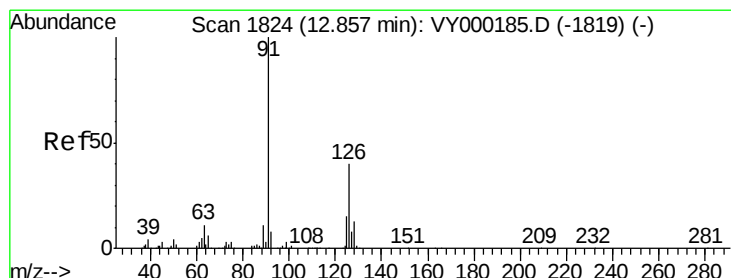
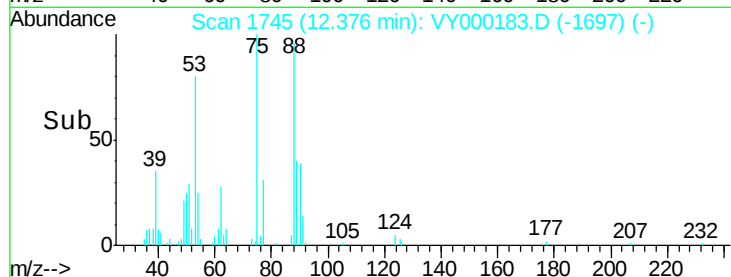
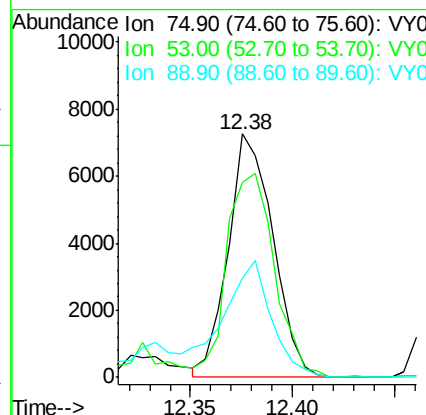
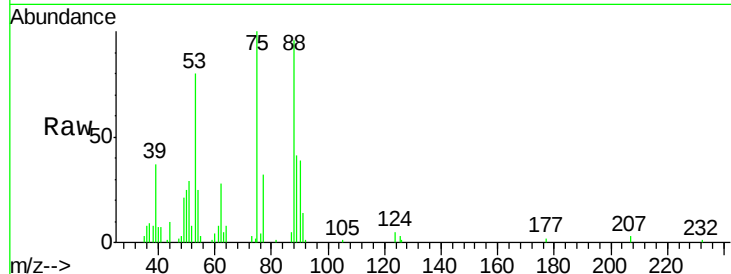
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 11063 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 89.1  | 67.7  | 101.5 |
| 89       | 52.7  | 37.0  | 55.4  |

Manual Integrations  
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10/7/2019 12:50:44 PM



#82

4-Chlorotoluene

Concen: 4.941 ug/l

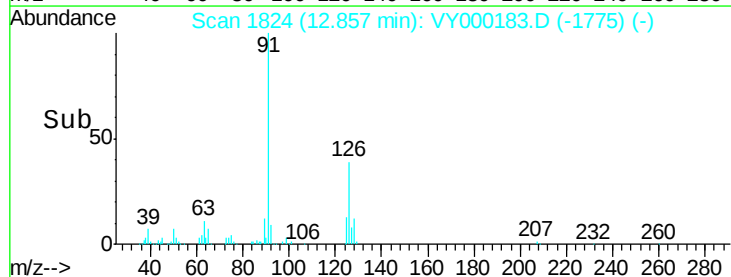
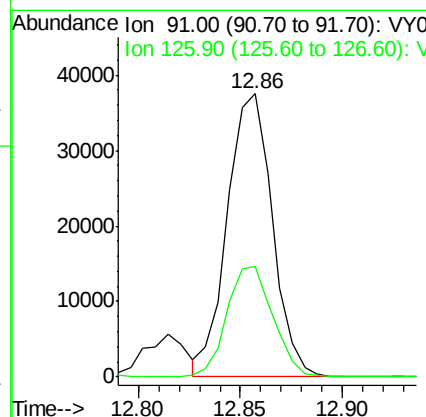
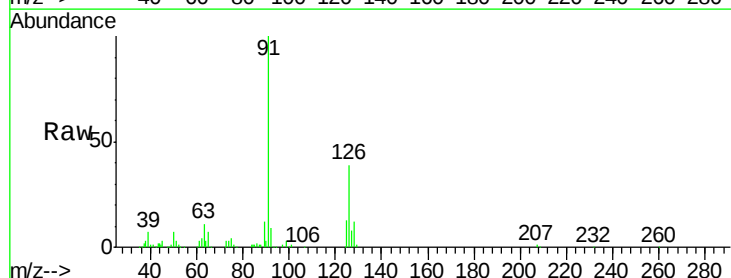
RT: 12.86 min Scan# 1824

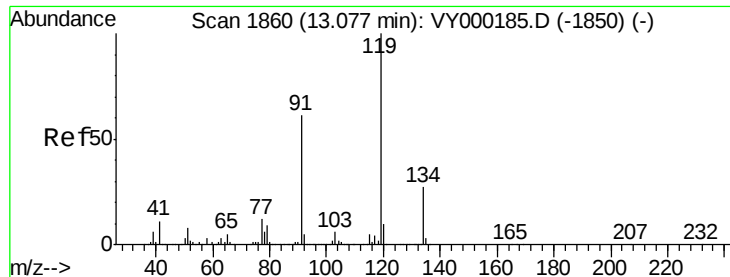
Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 57423 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 126      | 39.6  | 18.4  | 55.0  |





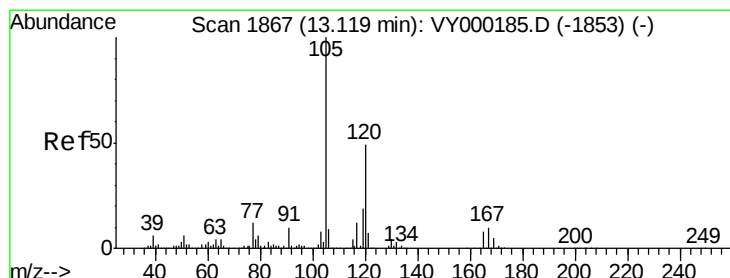
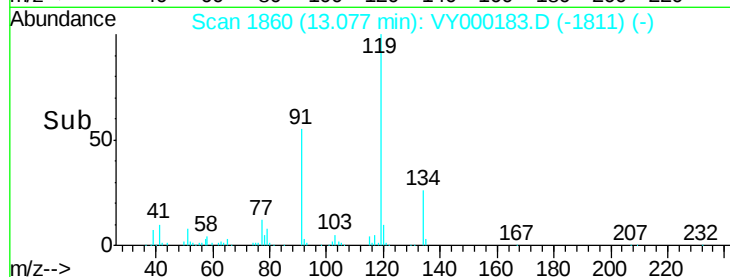
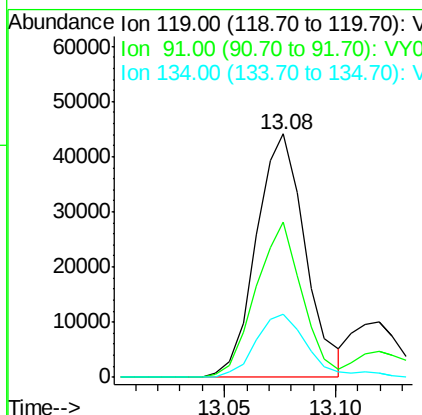
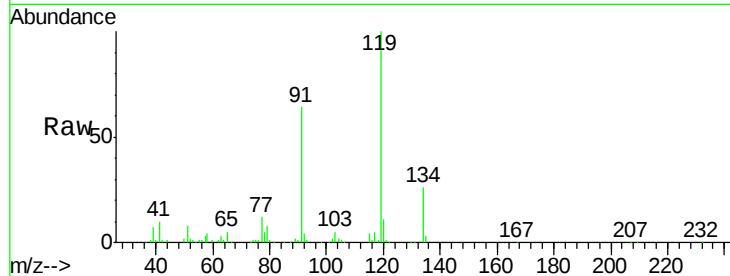
#83  
 tert-Butylbenzene  
 Concen: 5.322 ug/l  
 RT: 13.08 min Scan# 1860  
 Delta R.T. -0.00 min  
 Lab File: VY000183.D  
 Acq: 03 Oct 2019 13:20

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 60.7  | 30.6  | 92.0  |
| 134     | 27.8  | 13.7  | 41.1  |

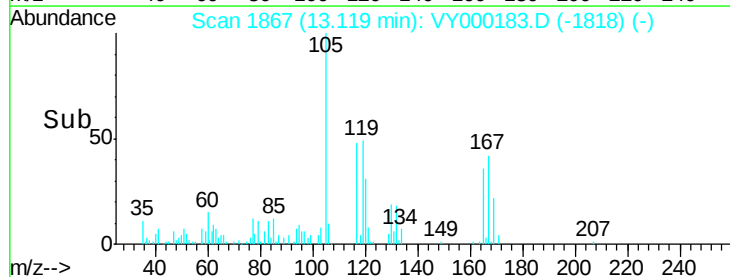
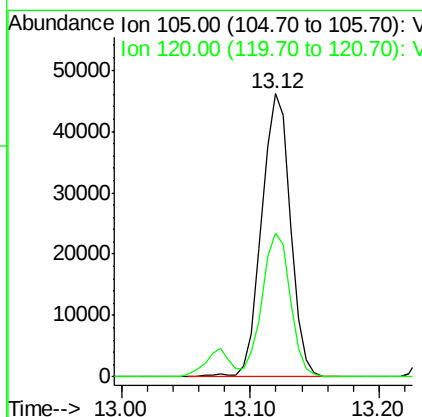
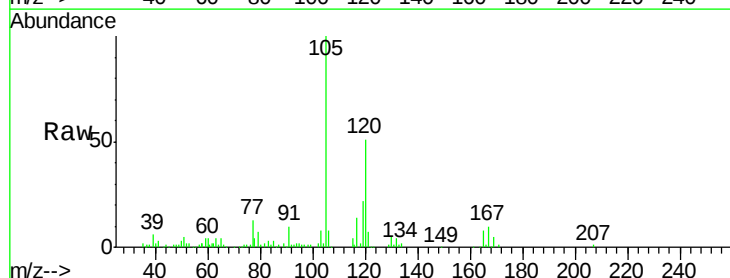
Manual Integrations  
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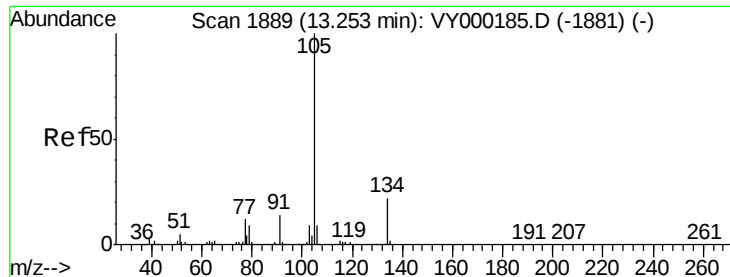
MMDadoda  
 10/7/2019 12:50:44 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 5.176 ug/l  
 RT: 13.12 min Scan# 1867  
 Delta R.T. -0.00 min  
 Lab File: VY000183.D  
 Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 49.4  | 24.0  | 72.0  |





#85

sec-Butylbenzene

Concen: 5.113 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 86656

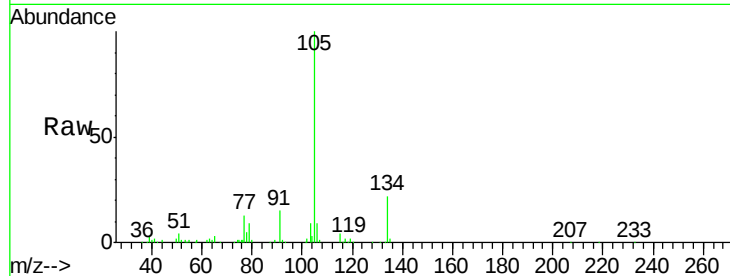
Ion Ratio Lower Upper

105 100

134 22.5 10.9 32.9

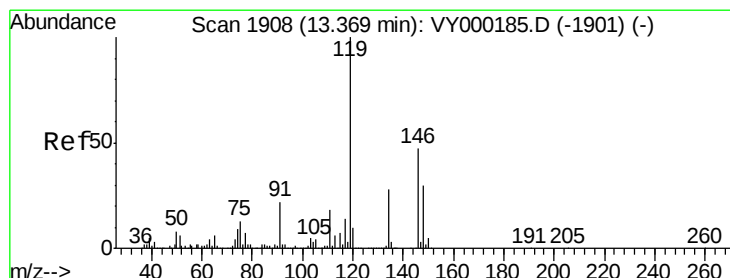
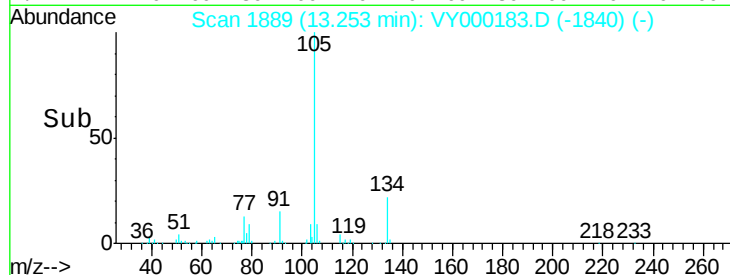
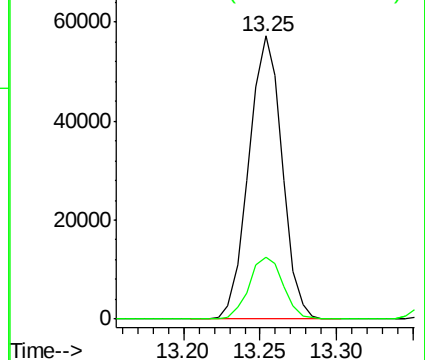
Manual Integrations  
APPROVED

MMDadoda  
10/7/2019 12:50:44 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.128 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

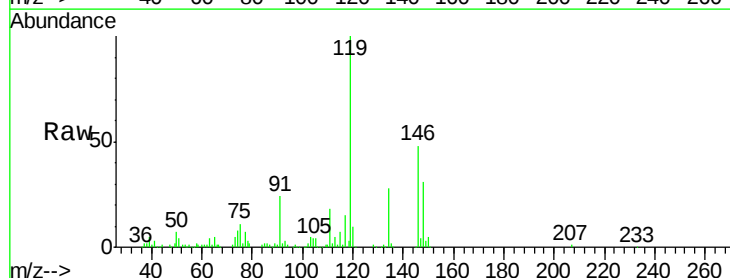
Tgt Ion:119 Resp: 79712

Ion Ratio Lower Upper

119 100

134 27.7 14.1 42.2

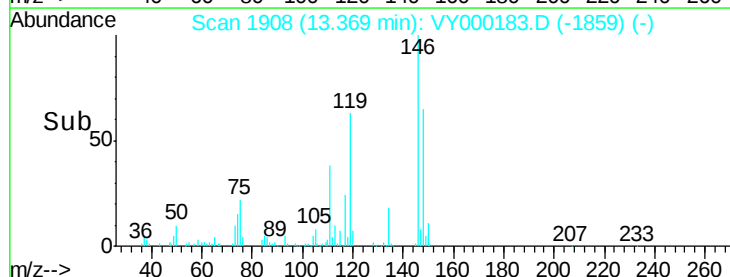
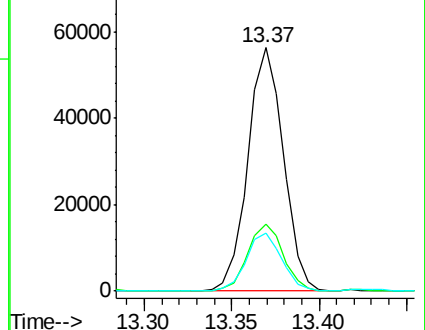
91 24.0 11.2 33.5

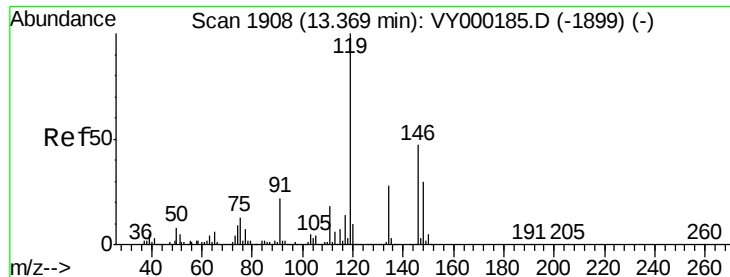


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





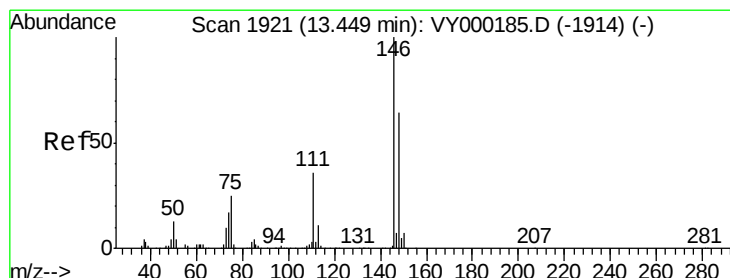
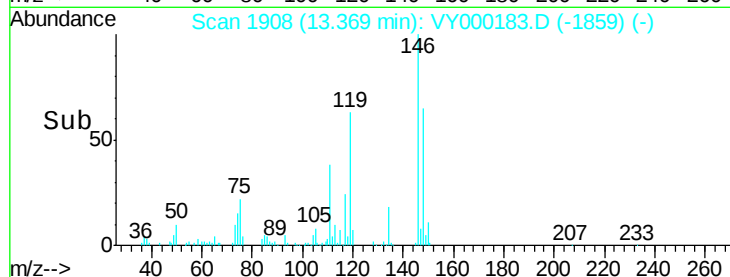
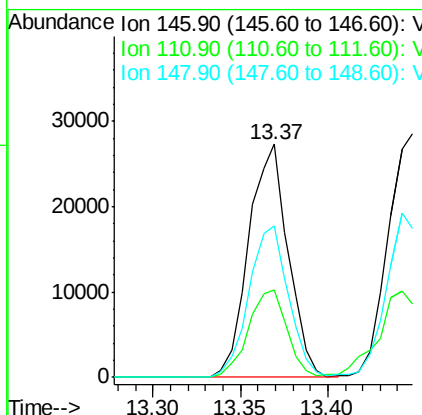
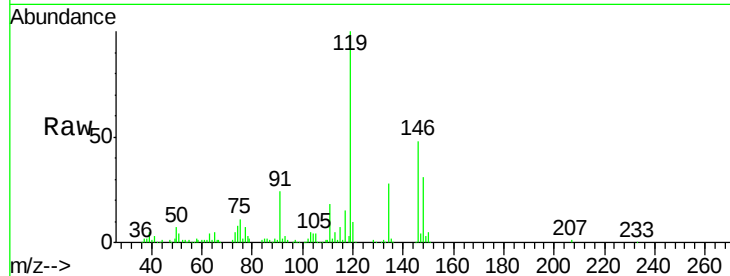
#87  
 1,3-Dichlorobenzene  
 Concen: 5.193 ug/l  
 RT: 13.37 min Scan# 1908  
 Delta R.T. -0.00 min  
 Lab File: VY000183.D  
 Acq: 03 Oct 2019 13:20

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.6  | 18.9  | 56.7  |
| 148     | 65.3  | 32.3  | 96.8  |

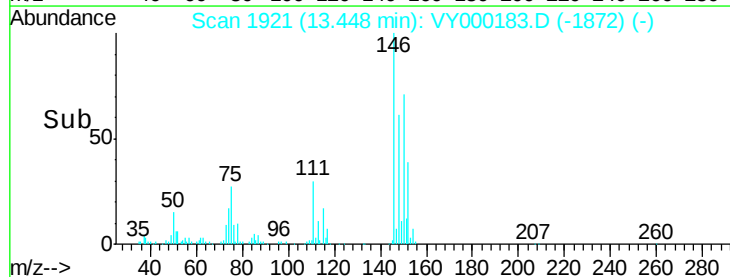
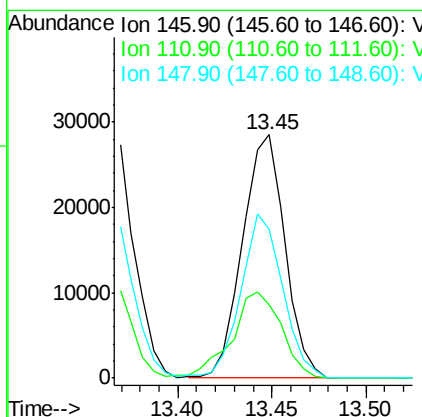
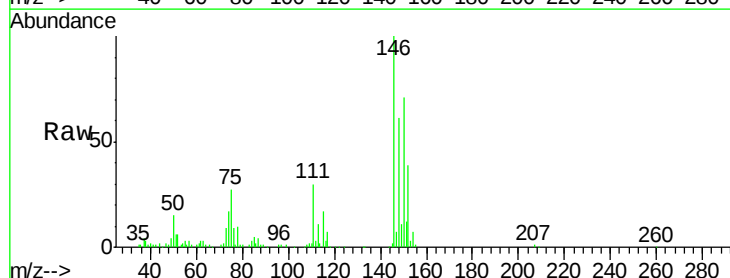
Manual Integrations  
 APPROVED

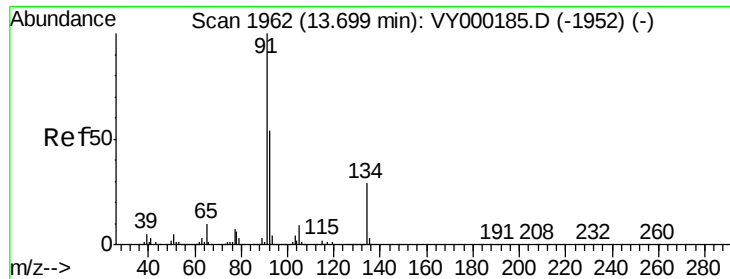
MMDadoda  
 10/7/2019 12:50:44 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 5.195 ug/l  
 RT: 13.45 min Scan# 1921  
 Delta R.T. -0.00 min  
 Lab File: VY000183.D  
 Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.9  | 18.1  | 54.1  |
| 148     | 66.6  | 32.3  | 96.8  |





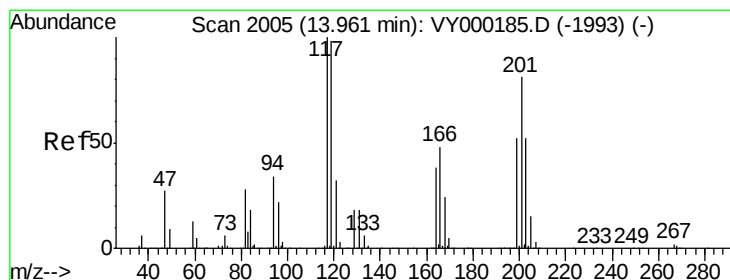
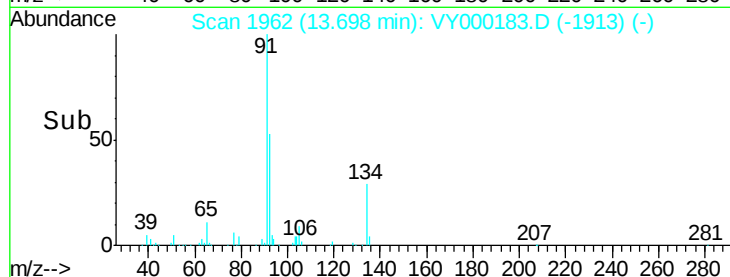
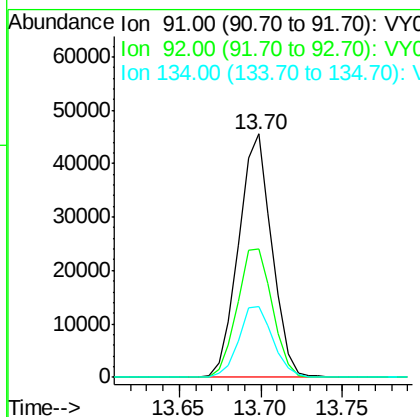
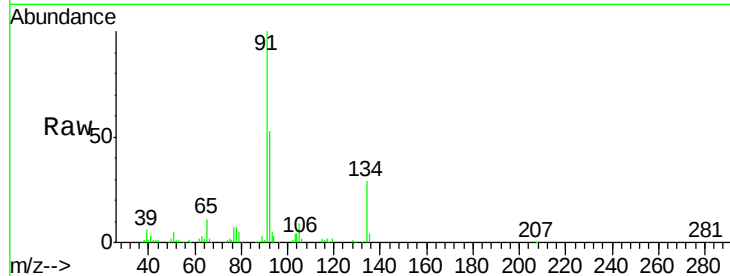
#89  
n-Butylbenzene  
Concen: 4.747 ug/l  
RT: 13.70 min Scan# 1962  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 55.8  | 27.1  | 81.3  |
| 134     | 29.7  | 14.4  | 43.0  |

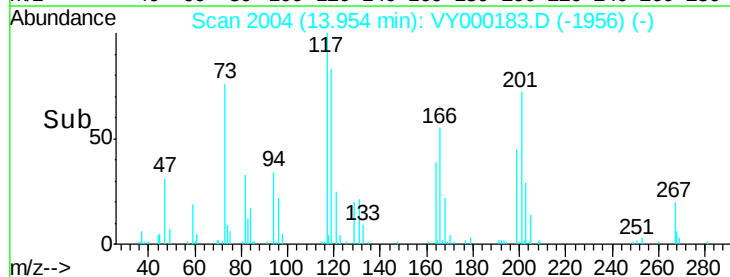
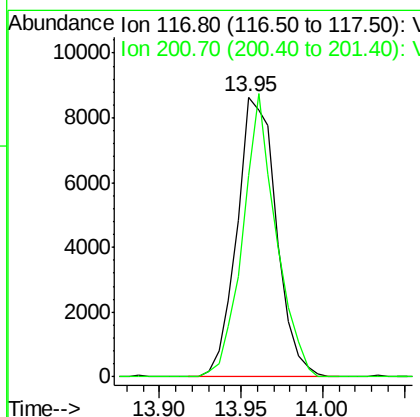
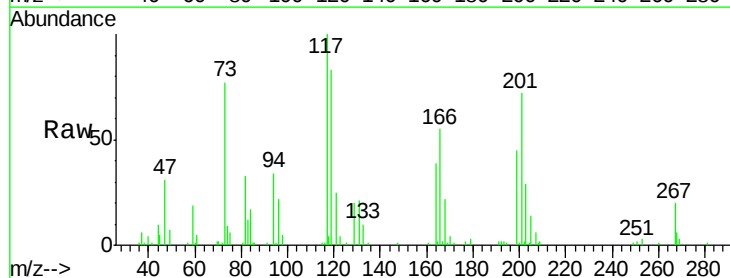
Manual Integrations  
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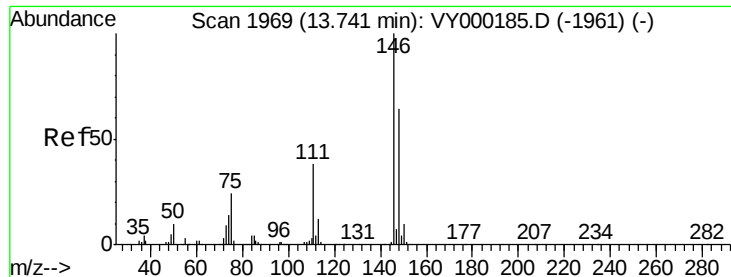
MMDadoda  
10/7/2019 12:50:44 PM



#90  
Hexachloroethane  
Concen: 4.714 ug/l  
RT: 13.95 min Scan# 2004  
Delta R.T. -0.01 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 85.6  | 42.6  | 128.0 |





#91

1,2-Dichlorobenzene

Concen: 5.166 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA\_Y

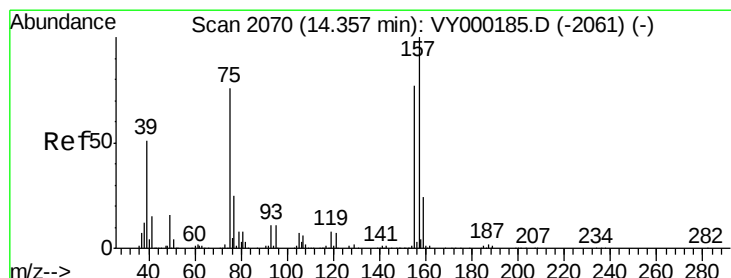
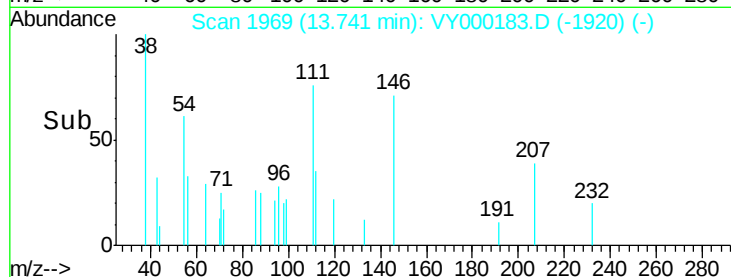
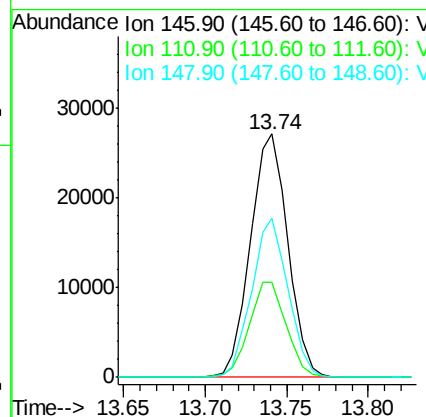
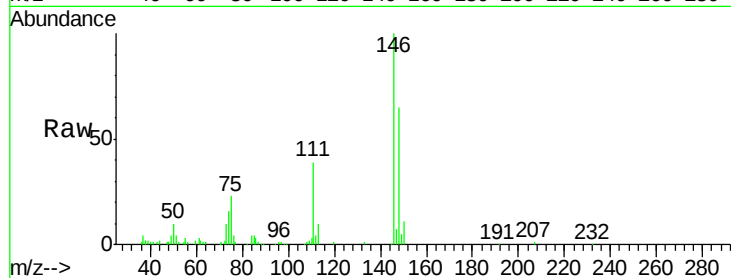
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 43218 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 38.9  | 19.4  | 58.2  |
| 148       | 63.5  | 32.1  | 96.5  |

Manual Integrations  
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#92

1,2-Dibromo-3-Chloropropane

Concen: 4.422 ug/l

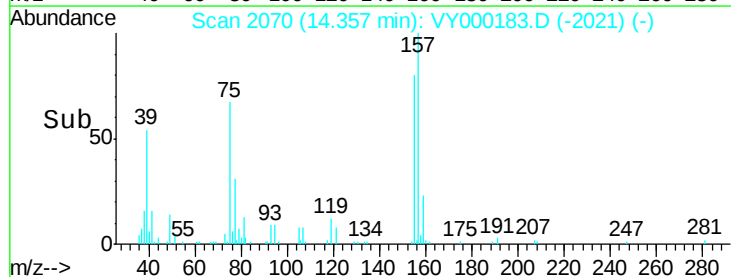
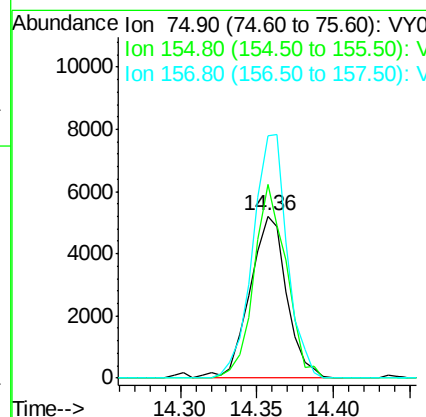
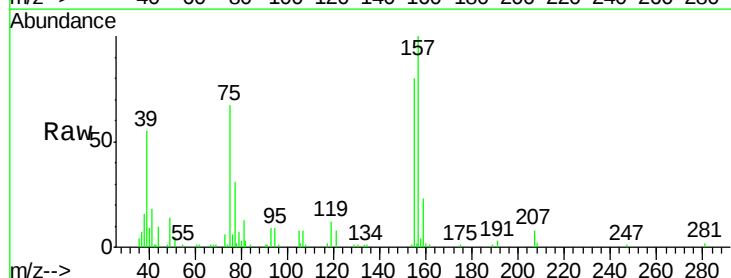
RT: 14.36 min Scan# 2070

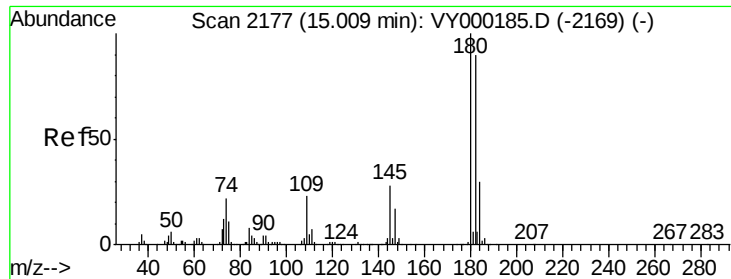
Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 8723  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 105.3 | 52.3  | 157.1 |
| 157       | 141.6 | 66.8  | 200.3 |





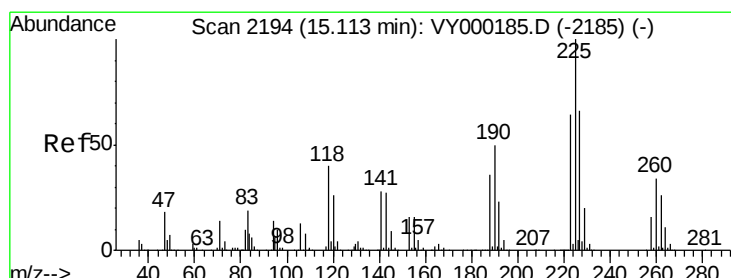
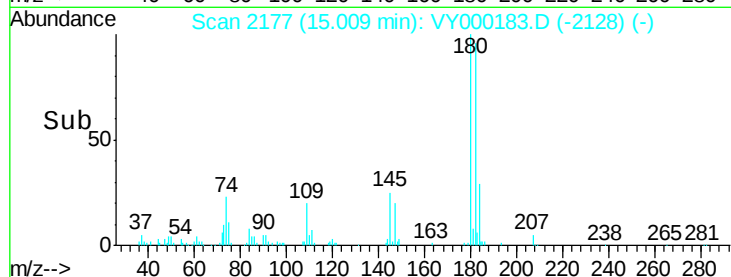
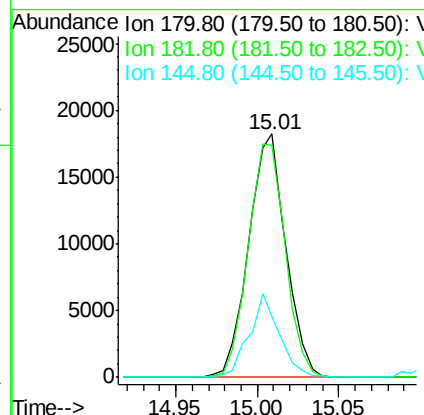
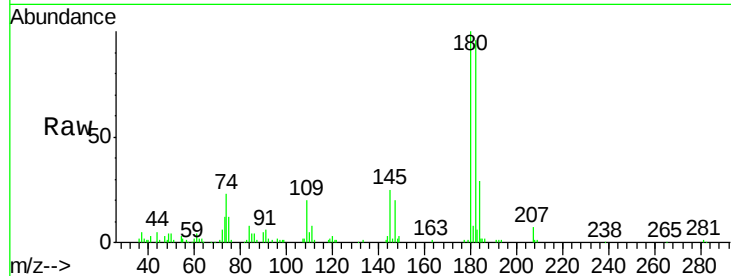
#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.714 ug/l  
 RT: 15.01 min Scan# 2177  
 Delta R.T. -0.00 min  
 Lab File: VY000183.D  
 Acq: 03 Oct 2019 13:20

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 28861 |       |       |
| 182     | 95.6  | 47.1  | 141.3 |       |
| 145     | 28.1  | 14.4  | 43.2  |       |

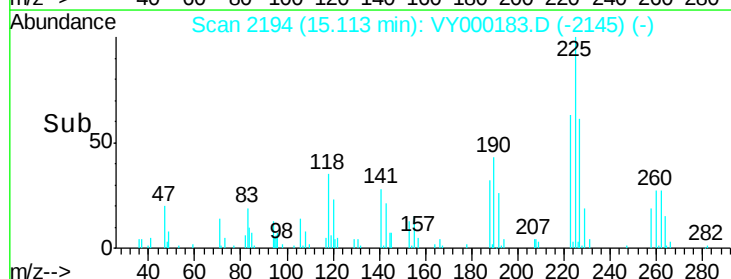
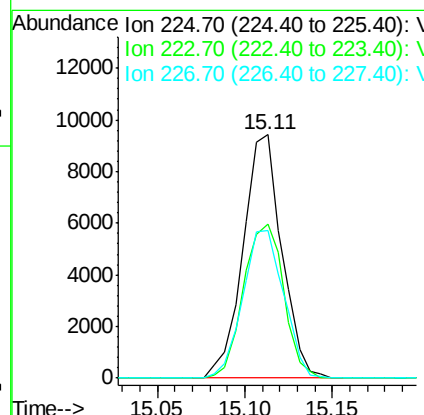
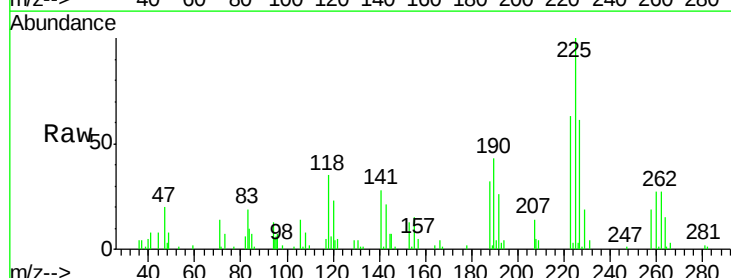
Manual Integrations  
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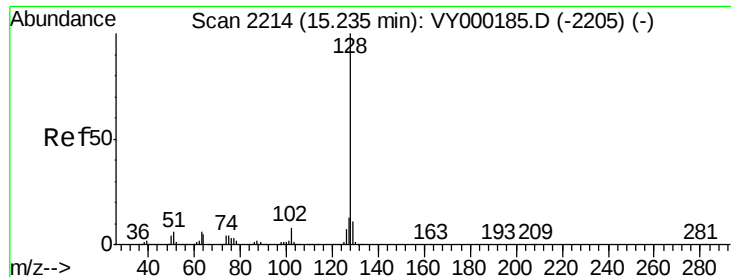
MMDadoda  
 10/7/2019 12:50:44 PM



#94  
 Hexachlorobutadiene  
 Concen: 5.096 ug/l  
 RT: 15.11 min Scan# 2194  
 Delta R.T. -0.00 min  
 Lab File: VY000183.D  
 Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 14499 |       |       |
| 223     | 65.5  | 31.9  | 95.9  |       |
| 227     | 64.1  | 32.1  | 96.3  |       |





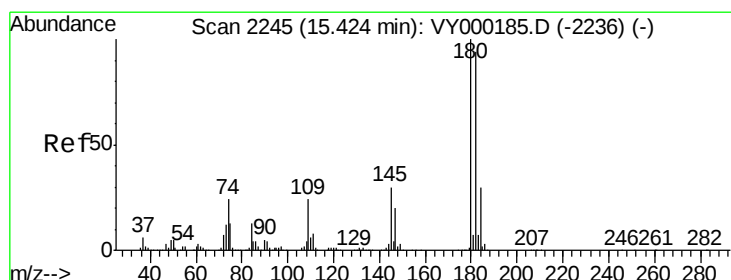
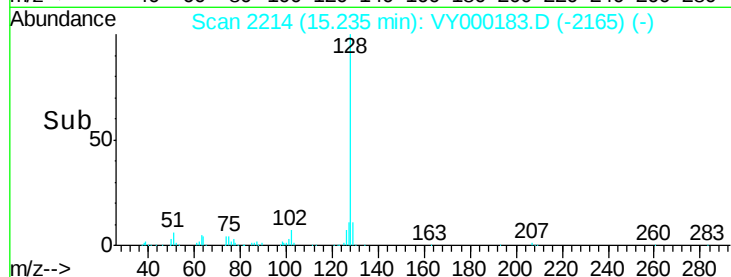
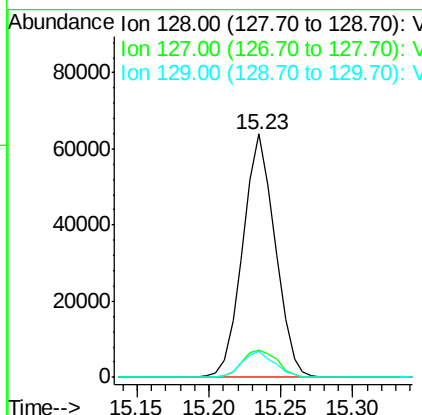
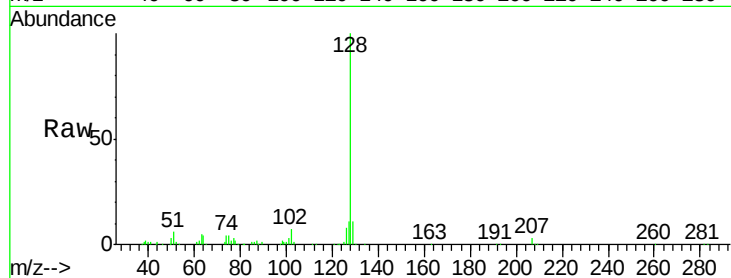
#95  
Naphthalene  
Concen: 4.600 ug/l  
RT: 15.23 min Scan# 2214  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 128     | 100   | 99440 |       |       |
| 127     | 12.3  |       | 9.9   | 14.9  |
| 129     | 10.7  |       | 8.7   | 13.1  |

Manual Integrations  
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10/7/2019 12:50:44 PM



#96  
1,2,3-Trichlorobenzene  
Concen: 4.690 ug/l  
RT: 15.42 min Scan# 2245  
Delta R.T. -0.00 min  
Lab File: VY000183.D  
Acq: 03 Oct 2019 13:20

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 28405 |       |       |
| 182     | 98.2  |       | 47.7  | 143.1 |
| 145     | 32.8  |       | 15.4  | 46.2  |

