

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111919\  
 Data File : VY000737.D  
 Acq On : 19 Nov 2019 10:50  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 11/20/2019 9:57:19 AM

Quant Time: Nov 19 15:39:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y103019S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 30 13:30:53 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 230234   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 383091   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 345877   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 173777   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.15  | 65   | 113374   | 47.58 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.16% |          |
| 35) Dibromofluoromethane    | 7.73  | 113  | 103794   | 46.15 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.30% |          |
| 50) Toluene-d8              | 10.18 | 98   | 425012   | 49.80 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.60% |          |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 153498   | 47.25 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.50% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.90 | 85   | 101425   | 44.751  | ug/l   | 98     |
| 3) Chloromethane              | 2.12 | 50   | 135603   | 43.433  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.25 | 62   | 132923   | 45.847  | ug/l   | 99     |
| 5) Bromomethane               | 2.65 | 94   | 87446    | 50.297  | ug/l   | 100    |
| 6) Chloroethane               | 2.79 | 64   | 86285    | 47.552  | ug/l   | 95     |
| 7) Trichlorofluoromethane     | 3.13 | 101  | 185419   | 47.356  | ug/l   | 97     |
| 8) Diethyl Ether              | 3.53 | 74   | 62242    | 44.739  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101  | 109255   | 46.155  | ug/l   | 97     |
| 10) Methyl Iodide             | 4.09 | 142  | 124648   | 40.645  | ug/l   | 97     |
| 11) Tert butyl alcohol        | 4.96 | 59   | 42631    | 183.807 | ug/l # | 89     |
| 12) 1,1-Dichloroethene        | 3.88 | 96   | 104226   | 45.320  | ug/l   | 96     |
| 13) Acrolein                  | 3.74 | 56   | 38455    | 190.346 | ug/l   | 100    |
| 14) Allyl chloride            | 4.49 | 41   | 184169   | 49.249  | ug/l   | 98     |
| 15) Acrylonitrile             | 5.17 | 53   | 155808   | 218.621 | ug/l   | 99     |
| 16) Acetone                   | 3.95 | 43   | 176442   | 268.689 | ug/l   | 100    |
| 17) Carbon Disulfide          | 4.19 | 76   | 314725   | 43.389  | ug/l   | 96     |
| 18) Methyl Acetate            | 4.49 | 43   | 86714    | 42.469  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.22 | 73   | 287010   | 44.885  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.72 | 84   | 118829   | 42.231  | ug/l   | 91     |
| 21) trans-1,2-Dichloroethene  | 5.22 | 96   | 119889   | 46.112  | ug/l   | 98     |
| 22) Diisopropyl ether         | 6.13 | 45   | 406951   | 50.067  | ug/l   | 95     |
| 23) Vinyl Acetate             | 6.07 | 43   | 1208967  | 235.624 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.02 | 63   | 210001   | 47.691  | ug/l   | 99     |
| 25) 2-Butanone                | 6.99 | 43   | 241394   | 230.334 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.99 | 77   | 188784   | 46.914  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.99 | 96   | 136381   | 47.971  | ug/l   | 100    |
| 28) Bromochloromethane        | 7.35 | 49   | 105580   | 52.363  | ug/l   | 94     |
| 29) Tetrahydrofuran           | 7.35 | 42   | 139445   | 217.497 | ug/l   | 98     |
| 30) Chloroform                | 7.51 | 83   | 216924   | 48.698  | ug/l   | 94     |
| 31) Cyclohexane               | 7.79 | 56   | 210178   | 45.572  | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97   | 186792   | 47.051  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.92 | 75   | 170626   | 47.114  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.08 | 43   | 93274    | 43.381  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.91 | 117  | 163587   | 46.944  | ug/l   | 97     |

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

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 11/20/2019 9:57:19 AM

Quant Time: Nov 19 15:39:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y103019S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 30 13:30:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 221227   | 47.283  | ug/l   | 95       |
| 40) Benzene                    | 8.17  | 78   | 502039   | 47.284  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.33  | 41   | 56019m   | 46.703  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.24  | 62   | 141371   | 46.945  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.28  | 43   | 178836   | 44.277  | ug/l   | 99       |
| 44) Trichloroethene            | 8.94  | 130  | 129716   | 46.336  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 126568   | 48.435  | ug/l   | 91       |
| 46) Dibromomethane             | 9.31  | 93   | 66427    | 46.221  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.50  | 83   | 163169   | 47.849  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.30  | 41   | 79923    | 45.289  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 16153    | 835.130 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 10.07 | 43   | 470880   | 219.274 | ug/l   | 99       |
| 52) Toluene                    | 10.24 | 92   | 322376   | 48.024  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 175495   | 48.165  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 203179   | 48.675  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.64 | 97   | 96859    | 46.597  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 135361   | 45.945  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 169372   | 46.555  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 324678   | 243.765 | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.83 | 43   | 358274   | 228.984 | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.99 | 129  | 109548   | 46.010  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 90521    | 45.292  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.72 | 164  | 131333   | 45.921  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.52 | 112  | 334377   | 47.682  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 115829   | 47.626  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.59 | 91   | 631167   | 48.904  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.70 | 106  | 491929   | 98.480  | ug/l   | 99       |
| 69) o-Xylene                   | 12.03 | 106  | 227554   | 48.471  | ug/l   | 99       |
| 70) Styrene                    | 12.04 | 104  | 400947   | 49.876  | ug/l   | 99       |
| 71) Bromoform                  | 12.20 | 173  | 64661    | 46.224  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.33 | 105  | 624991   | 48.662  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.14 | 43   | 170353   | 46.312  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 113779   | 44.742  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 85373m   | 43.146  | ug/l   |          |
| 77) Bromobenzene               | 12.61 | 156  | 134146   | 46.059  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.67 | 91   | 766134   | 49.439  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.75 | 91   | 420872   | 48.921  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 522859   | 48.881  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 42328    | 47.964  | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 12.85 | 91   | 439484   | 49.282  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.07 | 119  | 460230   | 50.391  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 535417   | 50.273  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.25 | 105  | 663771   | 51.011  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 577737   | 49.817  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 273691   | 47.976  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.44 | 146  | 275912   | 48.401  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.69 | 91   | 588762   | 51.473  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.96 | 117  | 106186   | 49.528  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.73 | 146  | 252132   | 48.712  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 18457    | 41.010  | ug/l   | 98       |

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Acq On : 19 Nov 2019 10:50  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

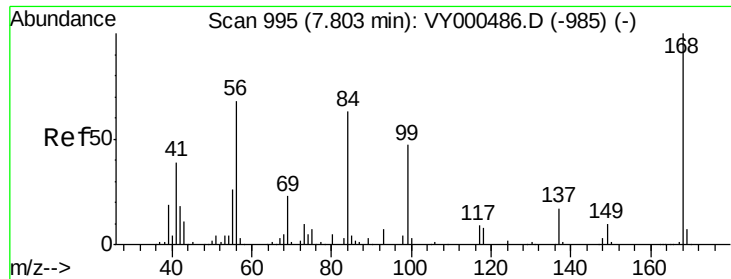
MMDadoda  
11/20/2019 9:57:19 AM

Quant Time: Nov 19 15:39:29 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y103019S.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 30 13:30:53 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180  | 167170   | 47.434 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 84775    | 46.664 | ug/l  | 98       |
| 95) Naphthalene            | 15.23 | 128  | 346900   | 44.340 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 143730   | 45.458 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 230234

Ion Ratio Lower Upper

168 100

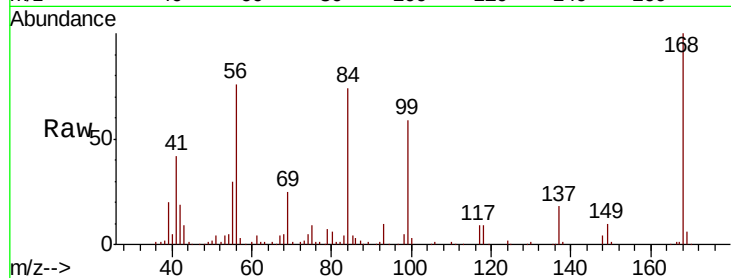
99 59.0 45.7 68.5

Manual Integrations

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11/20/2019 9:57:19 AM



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

100000

80000

60000

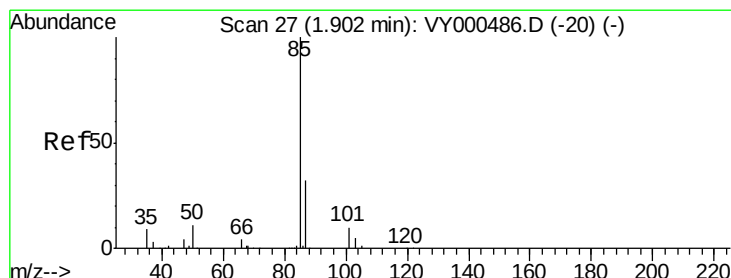
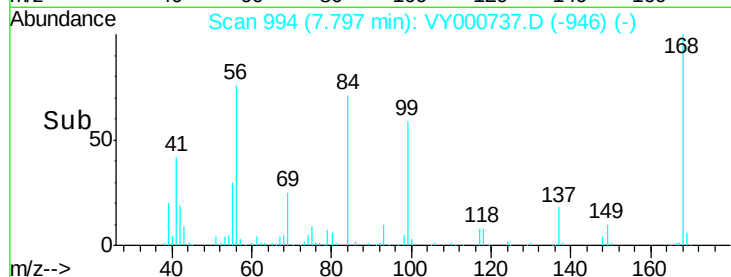
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.751 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000737.D

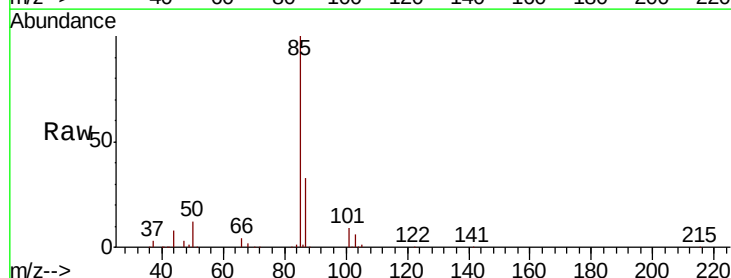
Acq: 19 Nov 2019 10:50

Tgt Ion: 85 Resp: 101425

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

60000

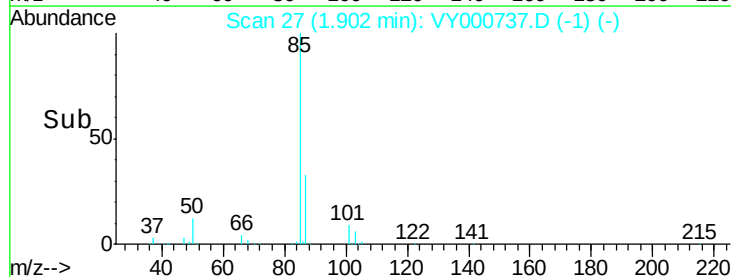
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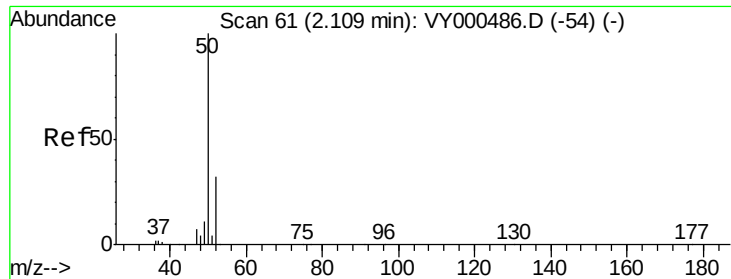
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 43.433 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 135603

Ion Ratio Lower Upper

50 100

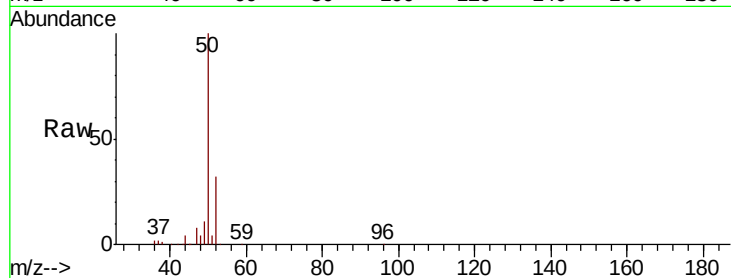
52 32.1 25.2 37.8

Manual Integrations

APPROVED

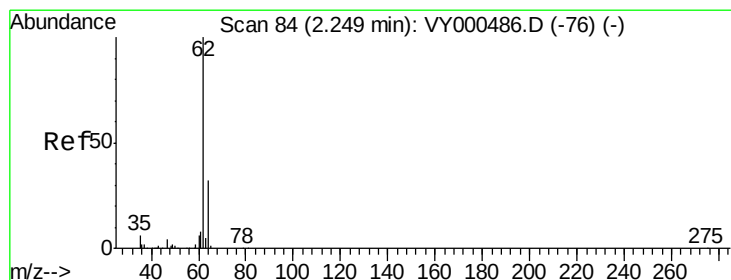
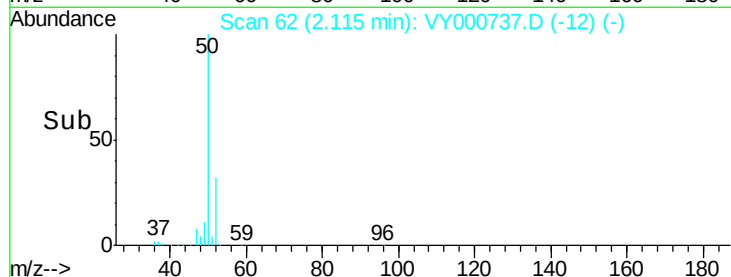
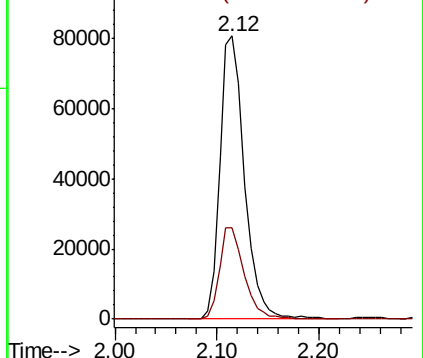
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11/20/2019 9:57:19 AM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 45.847 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000737.D

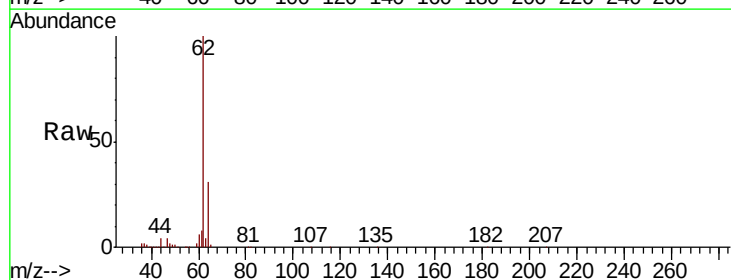
Acq: 19 Nov 2019 10:50

Tgt Ion: 62 Resp: 132923

Ion Ratio Lower Upper

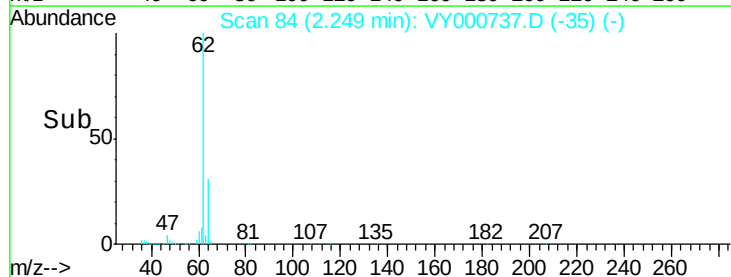
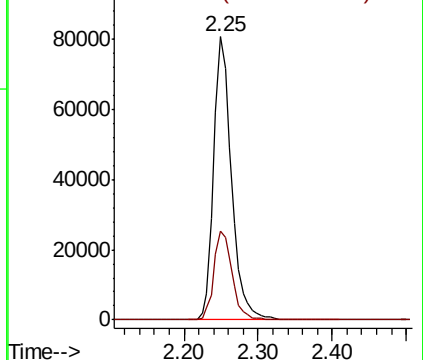
62 100

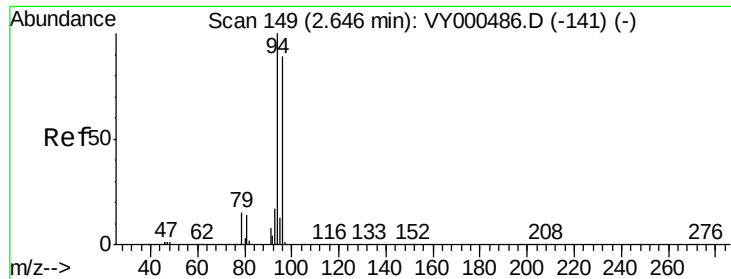
64 31.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 50.297 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 87446

Ion Ratio Lower Upper

94 100

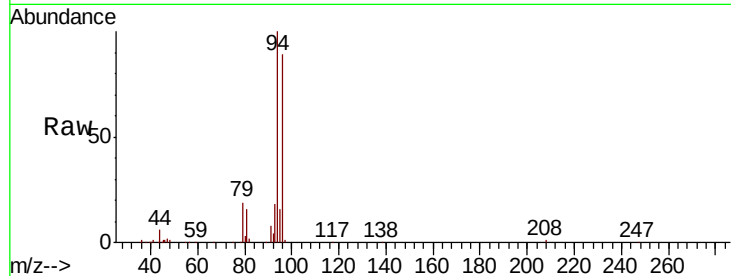
96 89.0 71.2 106.8

Manual Integrations

APPROVED

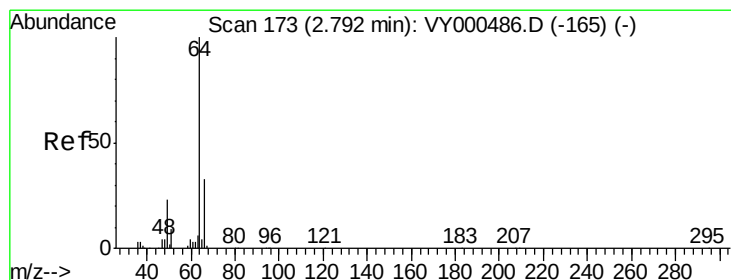
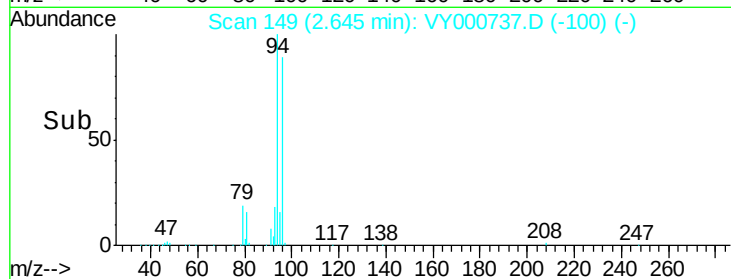
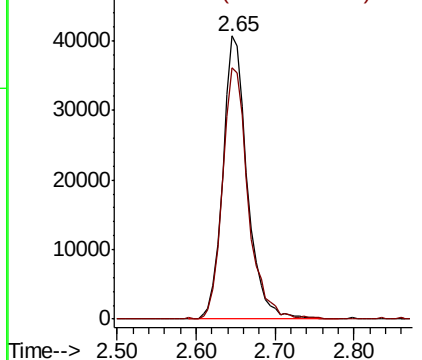
MMDadoda

11/20/2019 9:57:19 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.552 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000737.D

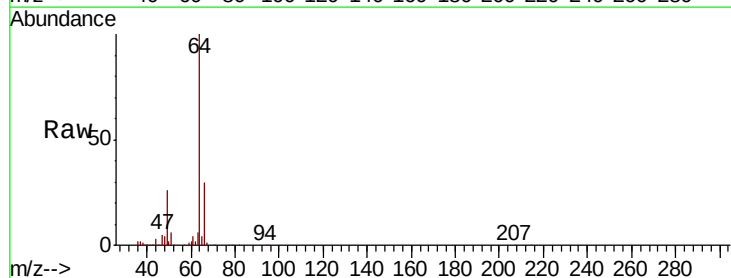
Acq: 19 Nov 2019 10:50

Tgt Ion: 64 Resp: 86285

Ion Ratio Lower Upper

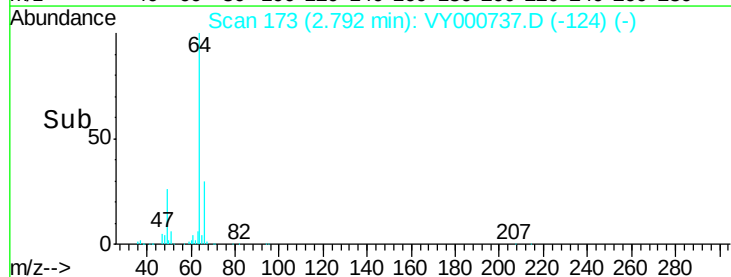
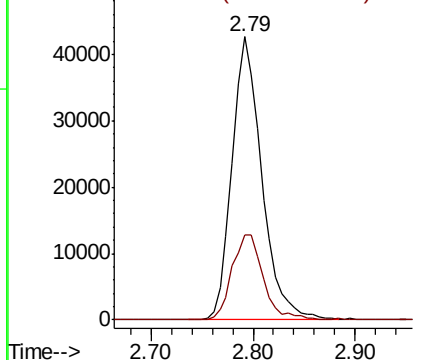
64 100

66 30.2 26.6 40.0

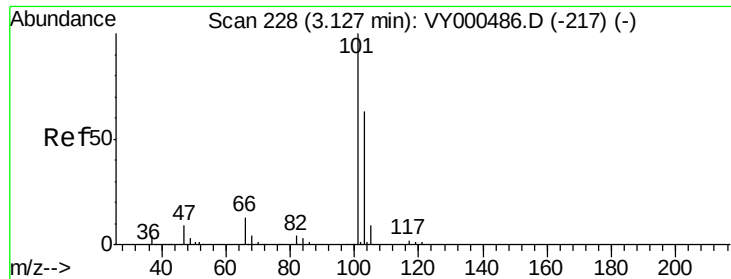


Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0







#7

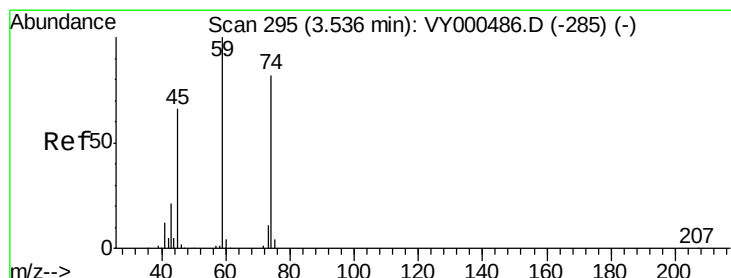
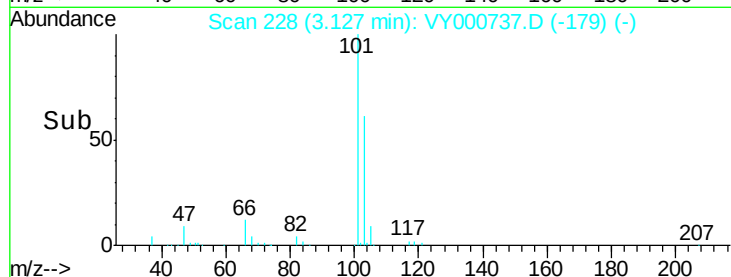
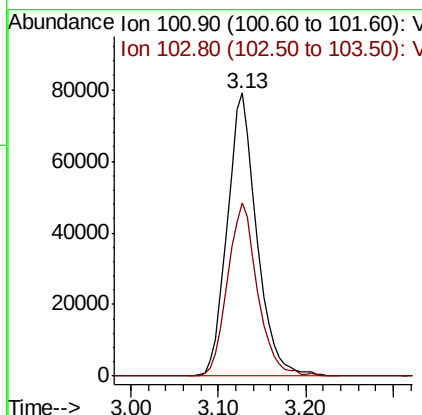
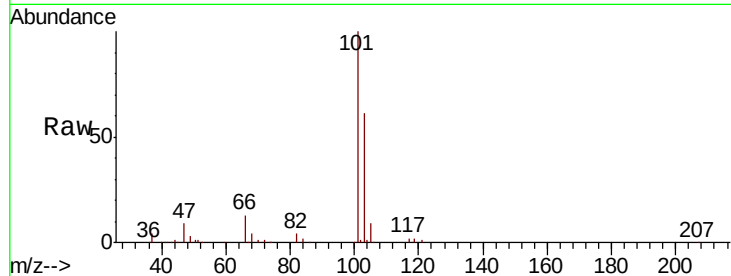
Trichlorofluoromethane  
Concen: 47.356 ug/l  
RT: 3.13 min Scan# 228  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 61.0  | 50.5  | 75.7  |

Manual Integrations  
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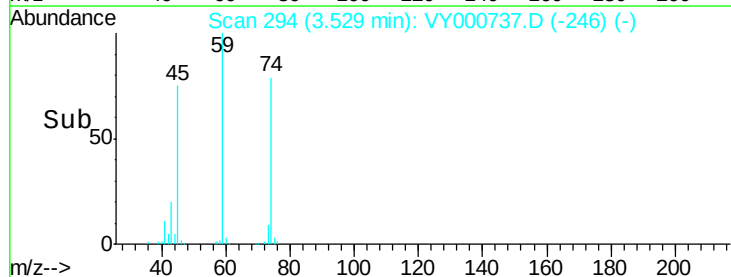
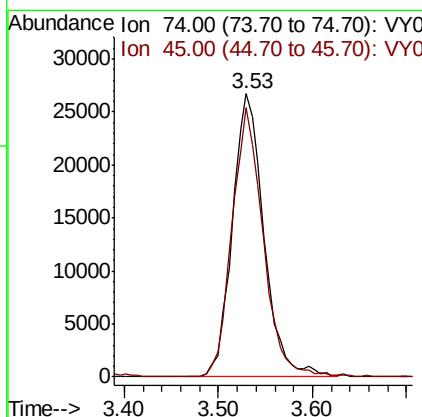
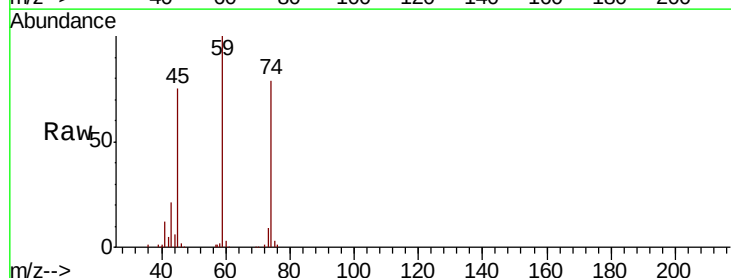
MMDadoda  
11/20/2019 9:57:19 AM



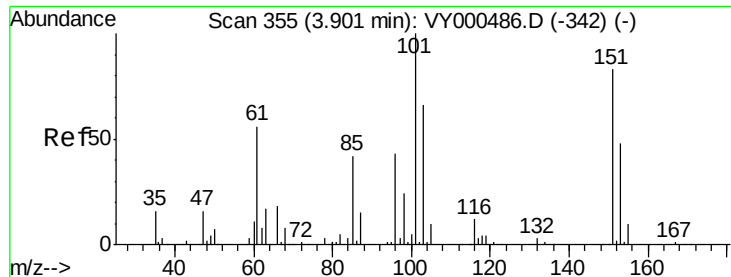
#8

Diethyl Ether  
Concen: 44.739 ug/l  
RT: 3.53 min Scan# 294  
Delta R.T. -0.01 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.4  | 45.5  | 136.4 |







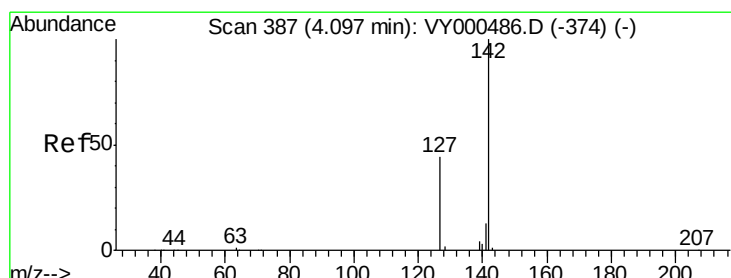
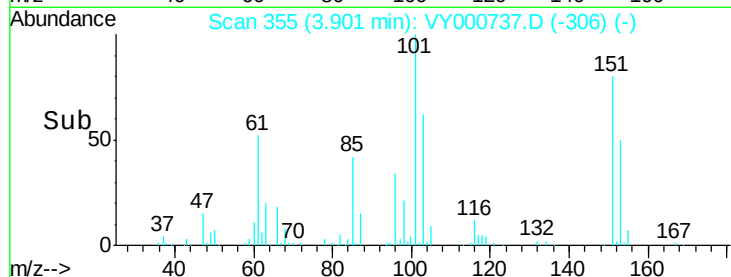
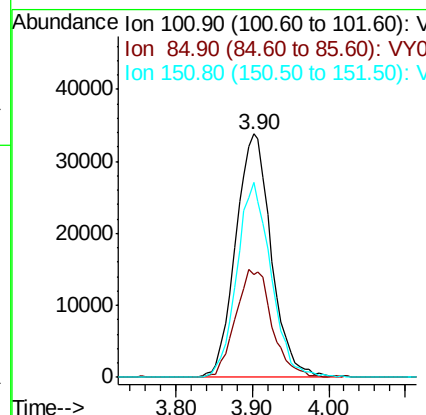
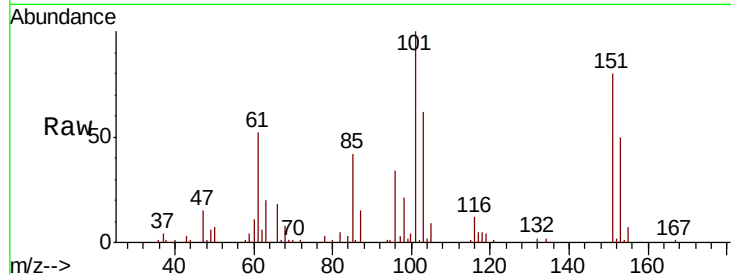
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.155 ug/l  
RT: 3.90 min Scan# 355  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 109255 |       |       |
| 85      | 45.0  |        | 36.7  | 55.1  |
| 151     | 77.0  |        | 64.3  | 96.5  |

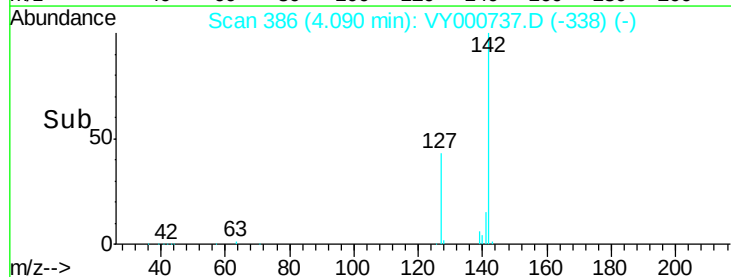
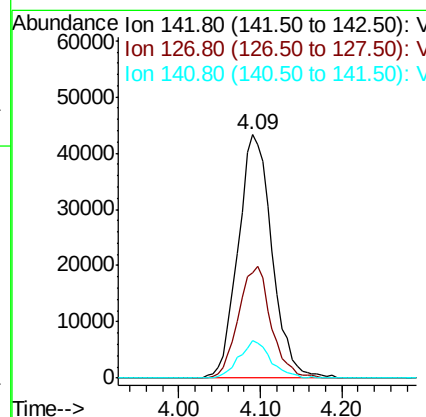
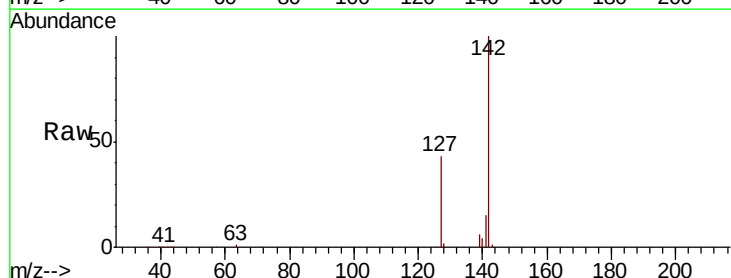
Manual Integrations  
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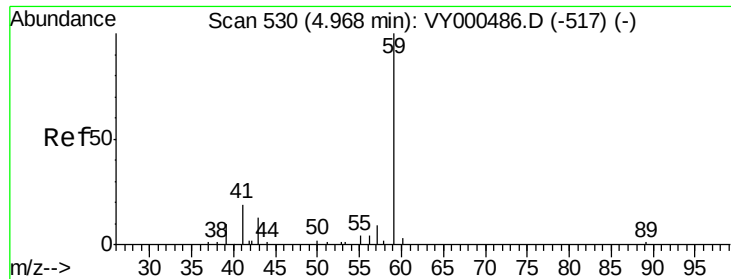
MMDadoda  
11/20/2019 9:57:19 AM



#10  
Methyl Iodide  
Concen: 40.645 ug/l  
RT: 4.09 min Scan# 386  
Delta R.T. -0.01 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 124648 |       |       |
| 127     | 44.0  |        | 33.7  | 50.5  |
| 141     | 14.2  |        | 10.9  | 16.3  |





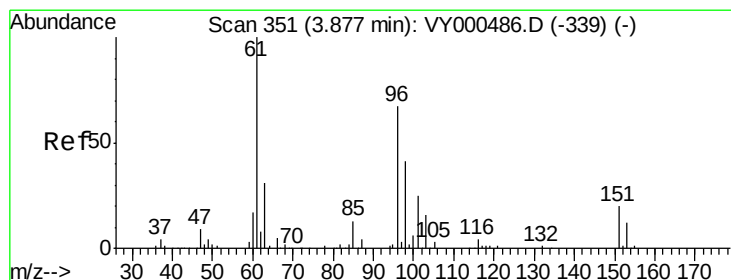
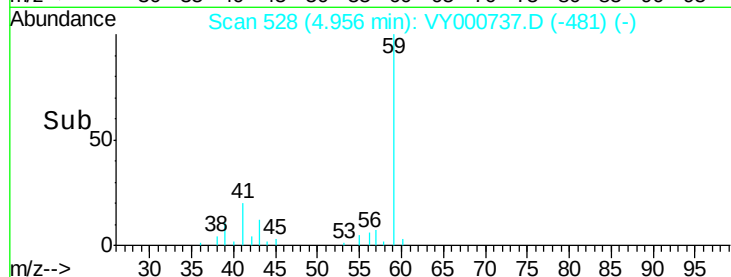
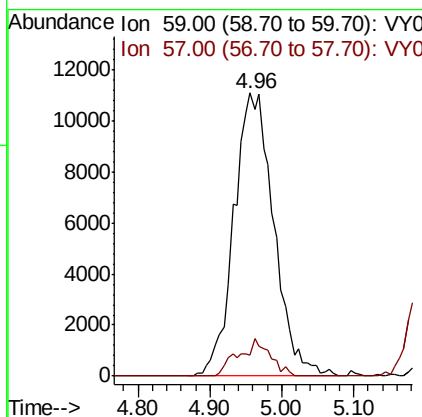
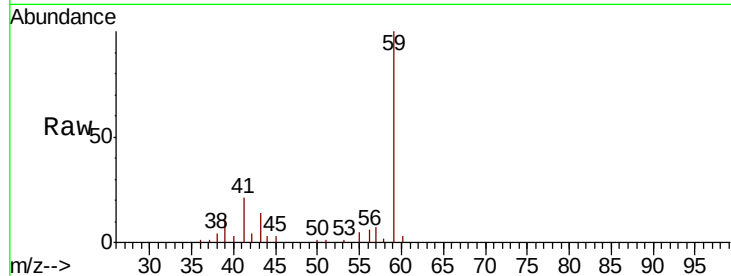
#11  
Tert butyl alcohol  
Concen: 183.807 ug/l  
RT: 4.96 min Scan# 528  
Delta R.T. -0.01 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 59 Resp: 42631  
Ion Ratio Lower Upper  
59 100  
57 6.5 8.6 12.8#

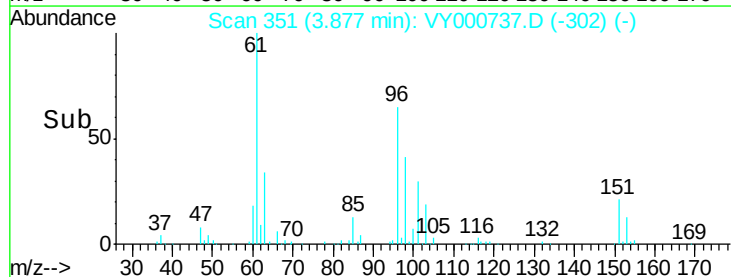
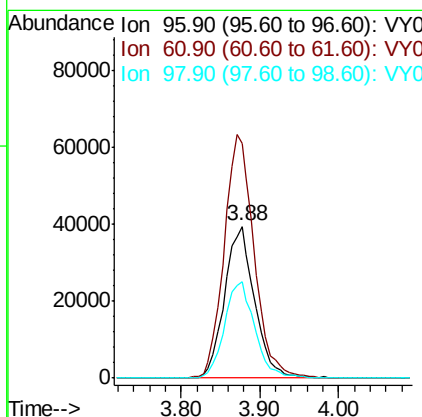
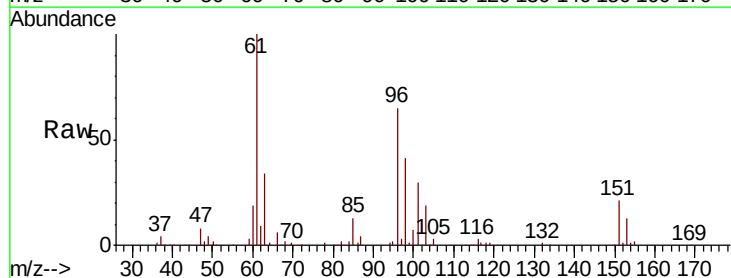
Manual Integrations  
APPROVED

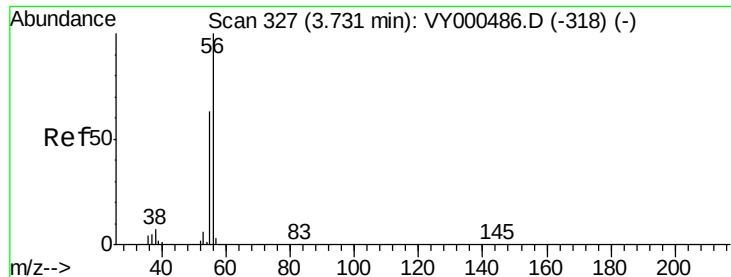
MMDadoda  
11/20/2019 9:57:19 AM



#12  
1,1-Dichloroethene  
Concen: 45.320 ug/l  
RT: 3.88 min Scan# 351  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Tgt Ion: 96 Resp: 104226  
Ion Ratio Lower Upper  
96 100  
61 154.6 119.2 178.8  
98 63.7 48.6 73.0





#13

Acrolein

Concen: 190.346 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 38455

Ion Ratio Lower Upper

56 100

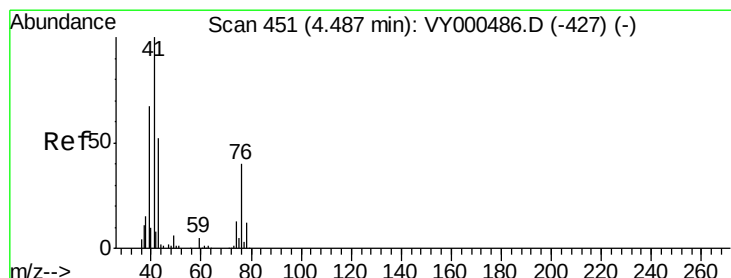
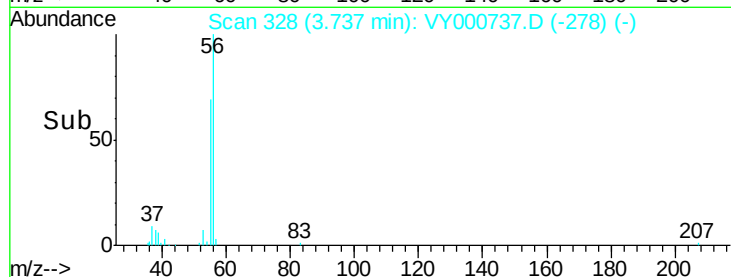
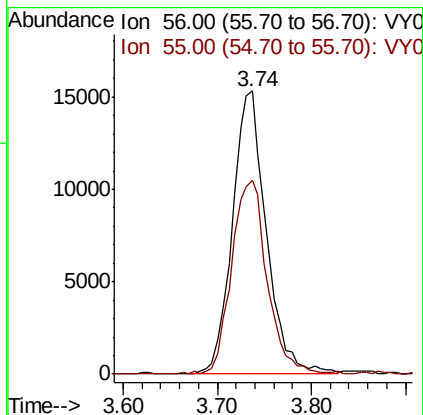
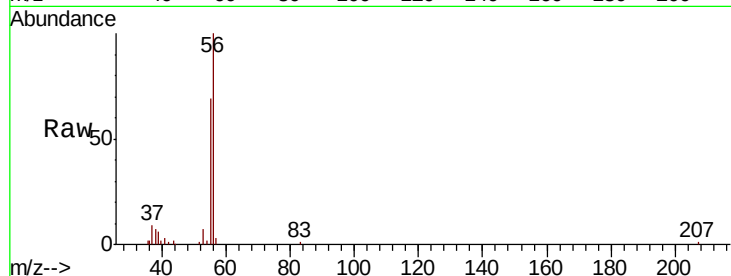
55 71.3 57.0 85.6

Manual Integrations

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11/20/2019 9:57:19 AM



#14

Allyl chloride

Concen: 49.249 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

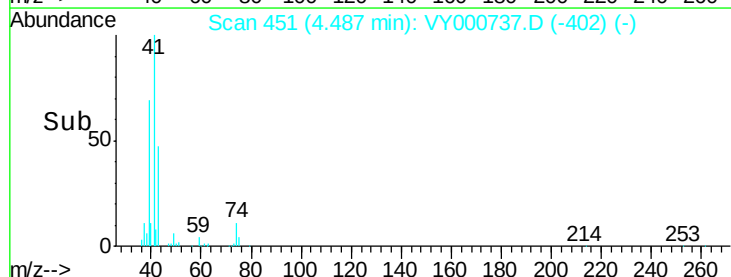
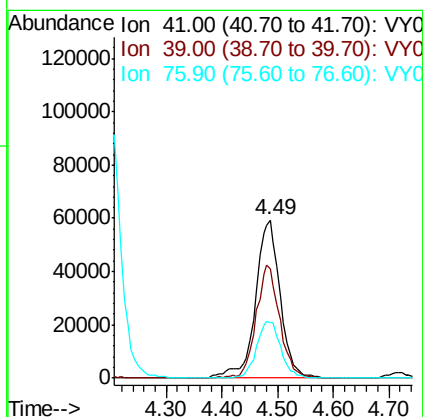
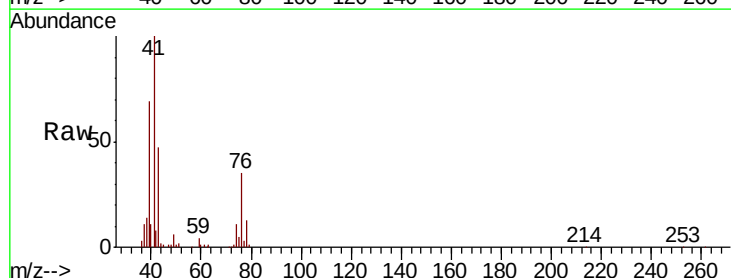
Tgt Ion: 41 Resp: 184169

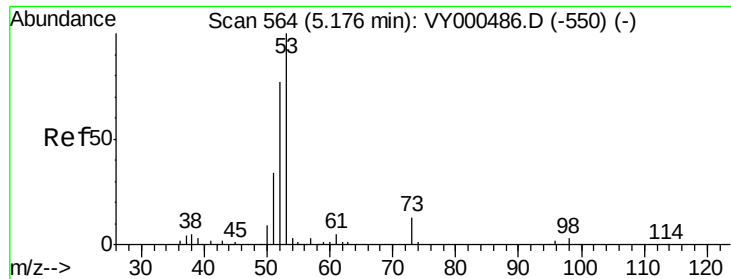
Ion Ratio Lower Upper

41 100

39 68.6 53.6 80.4

76 35.3 29.8 44.6





#15

Acrylonitrile

Concen: 218.621 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Instrument :

MSVOA\_Y

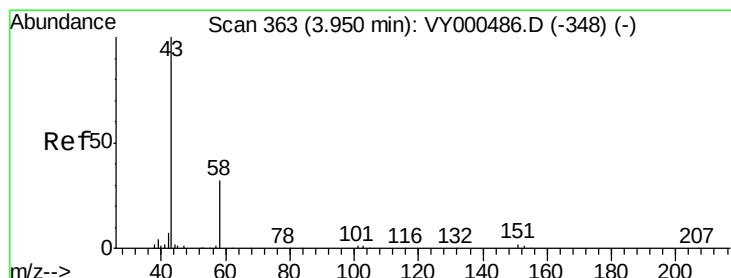
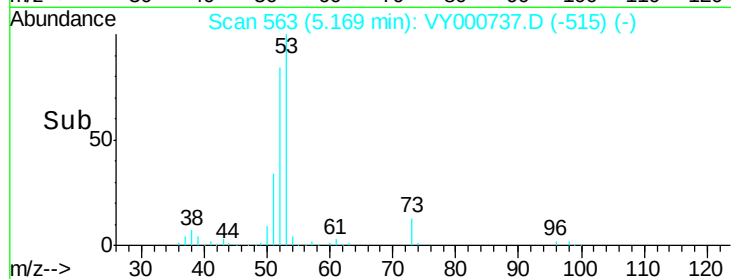
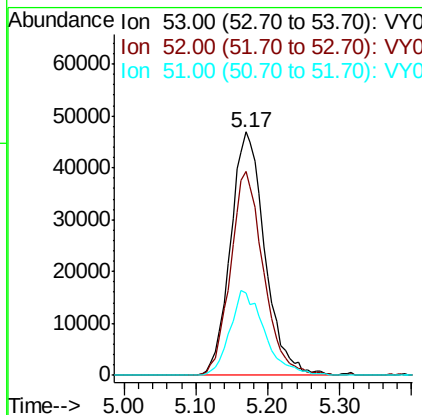
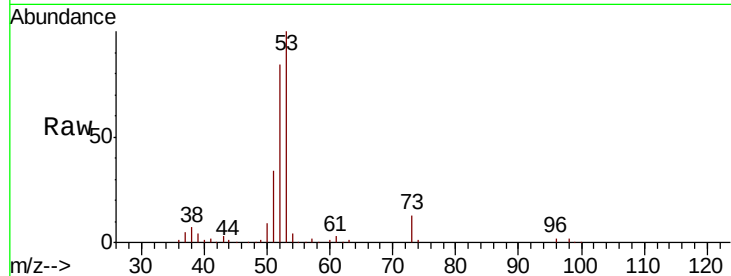
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 155808 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 80.3  | 64.9  | 97.3   |
| 51        | 35.3  | 27.6  | 41.4   |

Manual Integrations  
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#16

Acetone

Concen: 268.689 ug/l

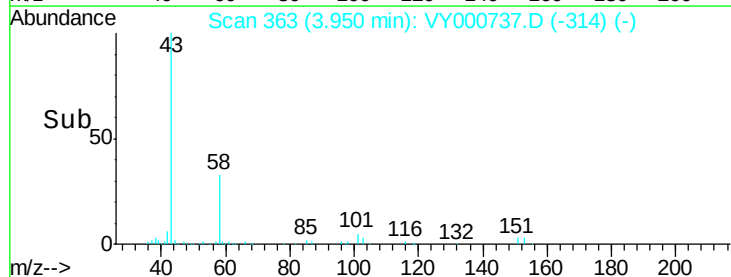
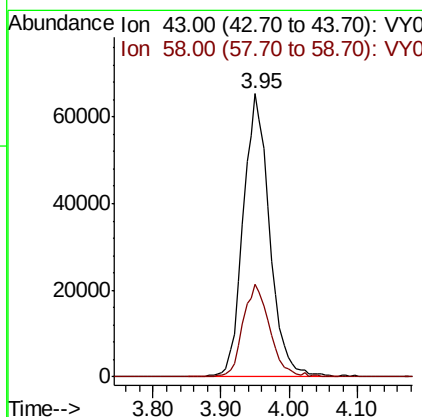
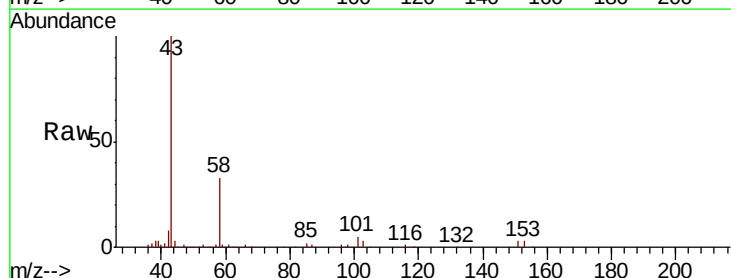
RT: 3.95 min Scan# 363

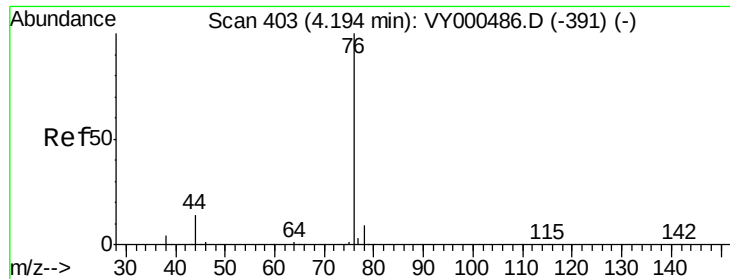
Delta R.T. -0.00 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 176442 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 32.4  | 25.8  | 38.6   |





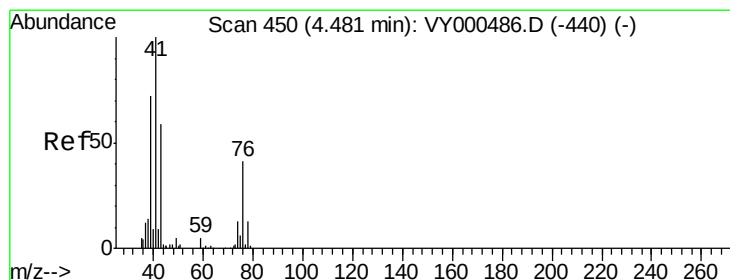
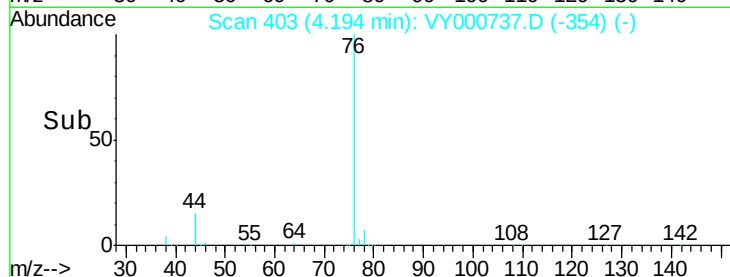
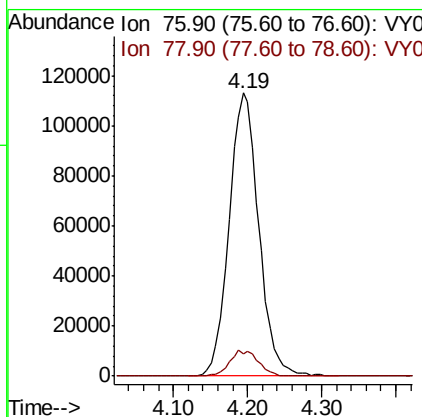
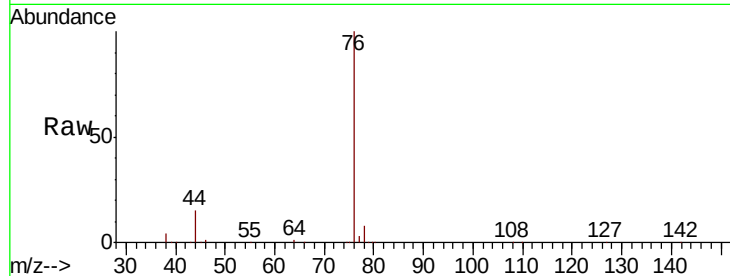
#17  
Carbon Disulfide  
Concen: 43.389 ug/l  
RT: 4.19 min Scan# 403  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.1   | 7.5   | 11.3  |

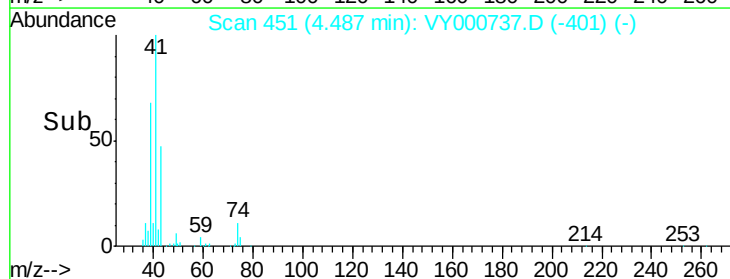
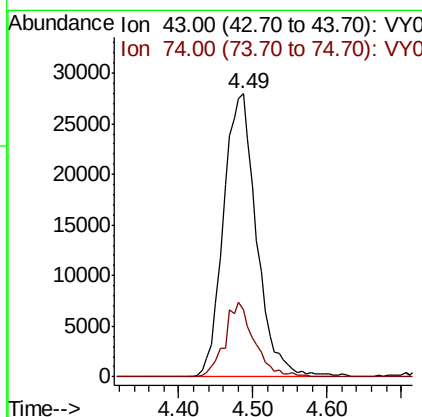
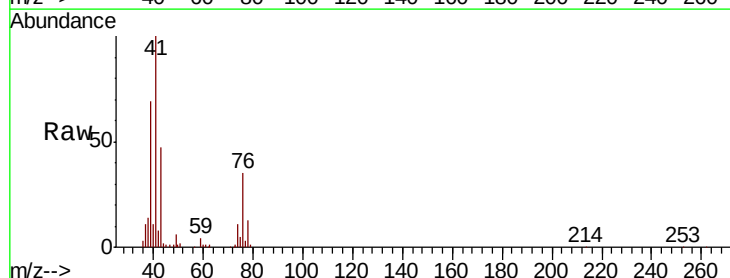
Manual Integrations  
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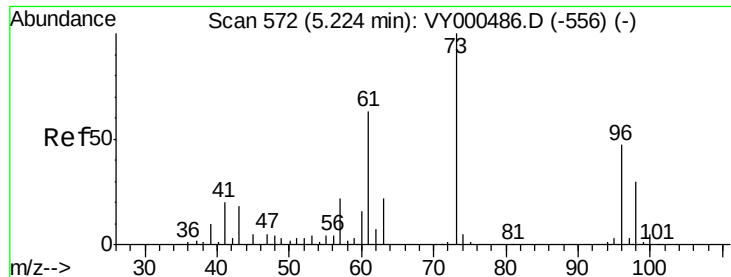
MMDadoda  
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#18  
Methyl Acetate  
Concen: 42.469 ug/l  
RT: 4.49 min Scan# 451  
Delta R.T. 0.01 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.4  | 19.2  | 28.8  |





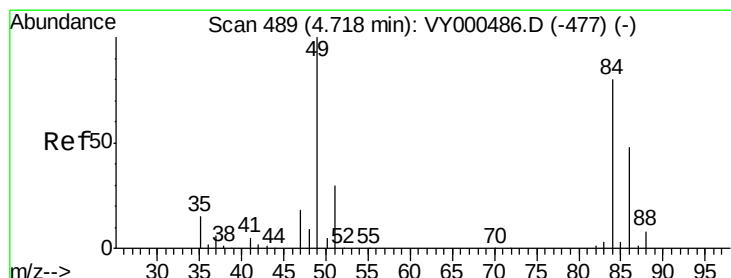
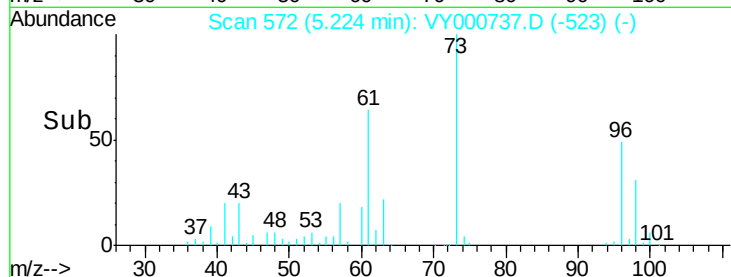
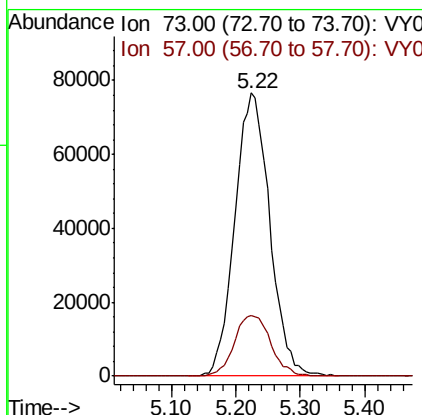
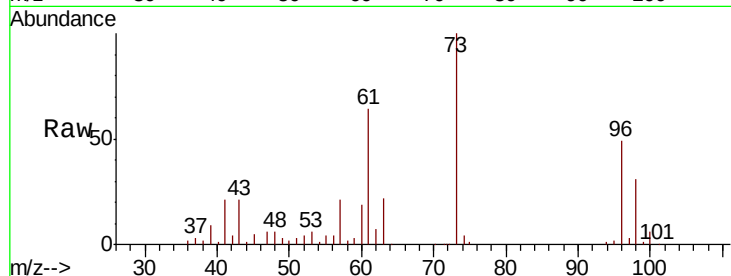
#19  
Methyl tert-butyl Ether  
Concen: 44.885 ug/l  
RT: 5.22 min Scan# 572  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 287010  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.4 26.0

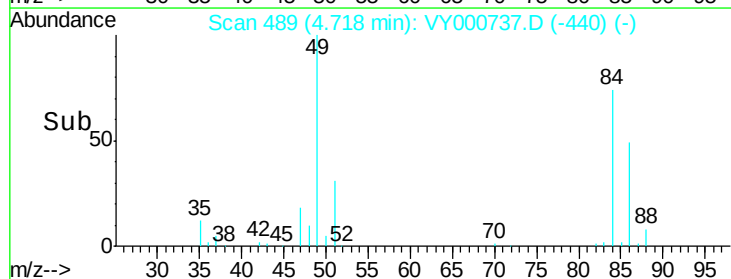
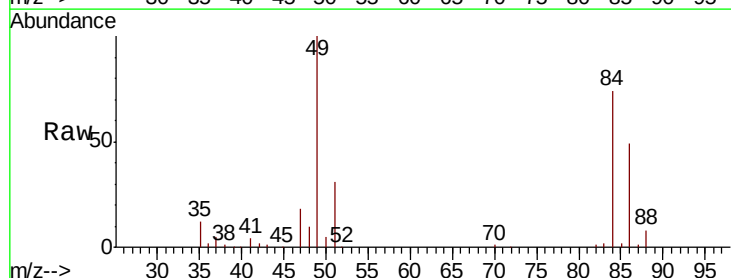
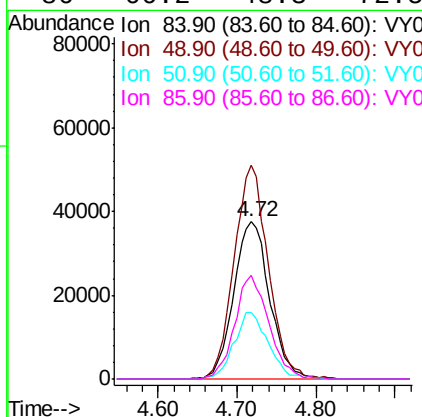
Manual Integrations  
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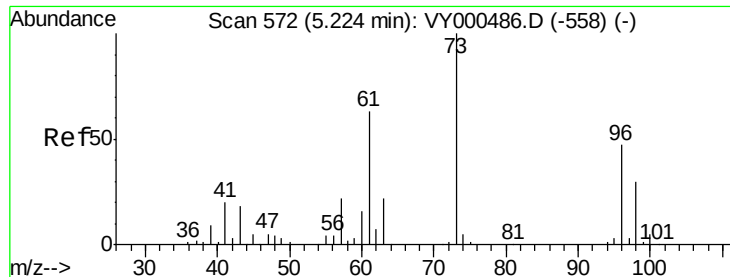
MMDadoda  
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#20  
Methylene Chloride  
Concen: 42.231 ug/l  
RT: 4.72 min Scan# 489  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Tgt Ion: 84 Resp: 118829  
Ion Ratio Lower Upper  
84 100  
49 135.8 100.2 150.4  
51 42.4 29.6 44.4  
86 66.2 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 46.112 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 119889

Ion Ratio Lower Upper

96 100

61 131.1 106.6 160.0

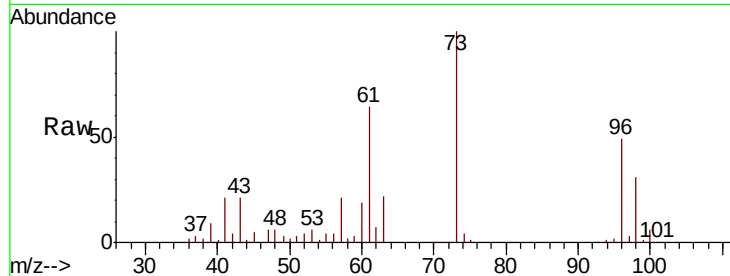
98 64.3 50.6 76.0

Manual Integrations

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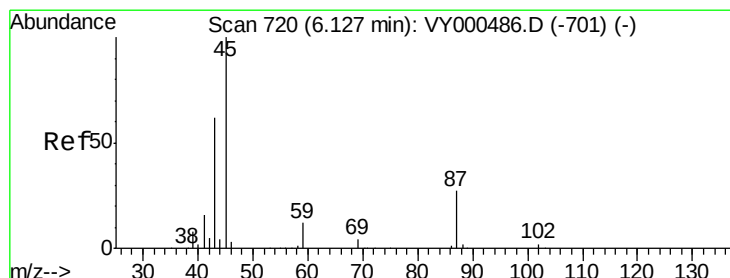
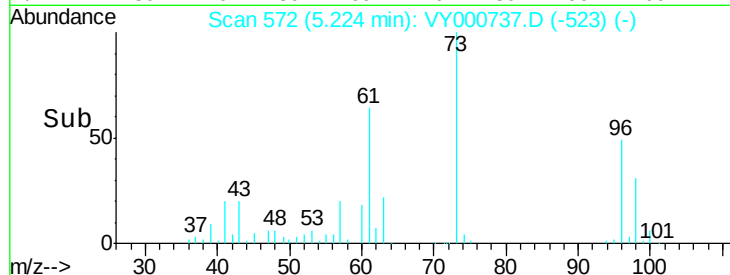
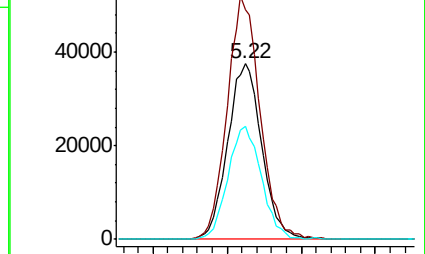
11/20/2019 9:57:19 AM



Abundance Ion 95.90 (95.60 to 96.60): VY000737.D (-523) (-)

Ion 60.90 (60.60 to 61.60): VY000737.D (-523) (-)

Ion 97.90 (97.60 to 98.60): VY000737.D (-523) (-)



#22

Diisopropyl ether

Concen: 50.067 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Tgt Ion: 45 Resp: 406951

Ion Ratio Lower Upper

45 100

43 56.8 50.0 75.0

87 27.6 21.6 32.4

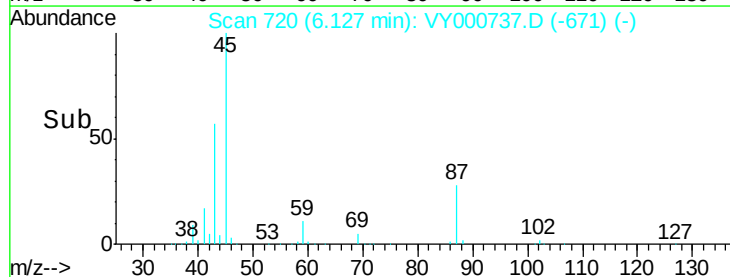
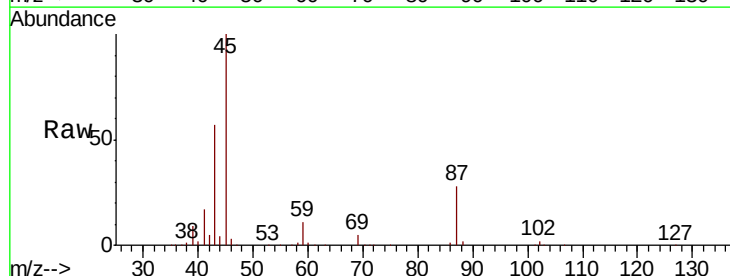
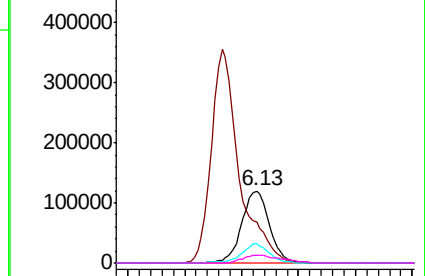
59 10.8 9.5 14.3

Abundance Ion 45.00 (44.70 to 45.70): VY000737.D (-671) (-)

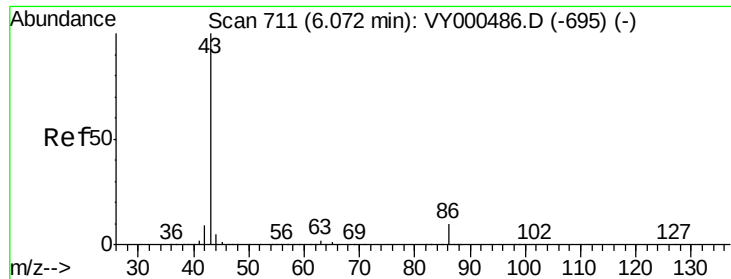
Ion 43.00 (42.70 to 43.70): VY000737.D (-671) (-)

Ion 87.00 (86.70 to 87.70): VY000737.D (-671) (-)

Ion 59.00 (58.70 to 59.70): VY000737.D (-671) (-)







#23

Vinyl Acetate

Concen: 235.624 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1208967

Ion Ratio Lower Upper

43 100

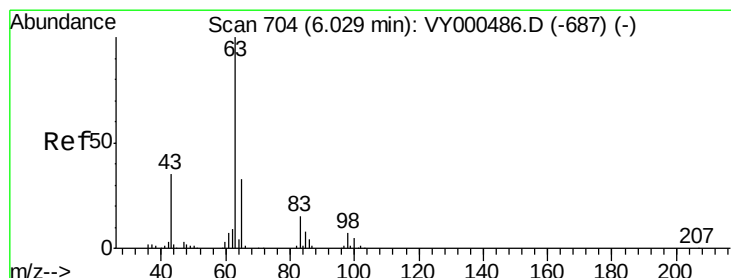
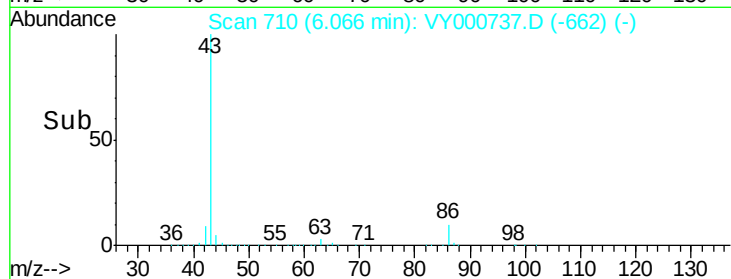
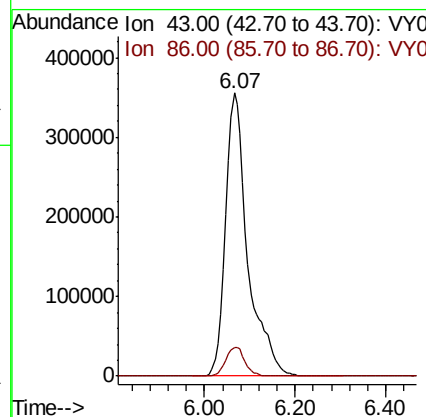
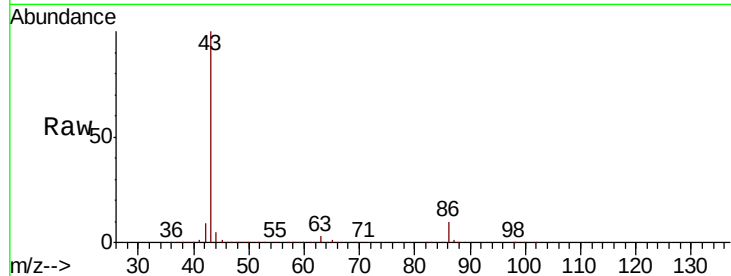
86 10.3 7.8 11.6

Manual Integrations

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11/20/2019 9:57:19 AM



#24

1,1-Dichloroethane

Concen: 47.691 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

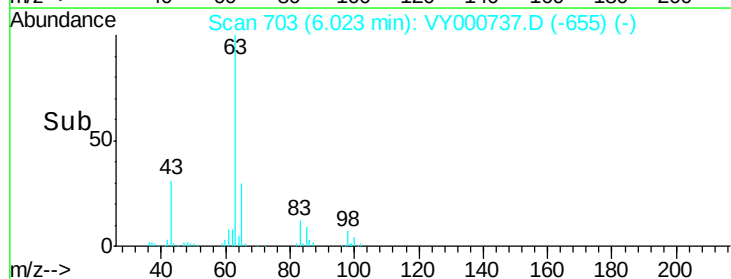
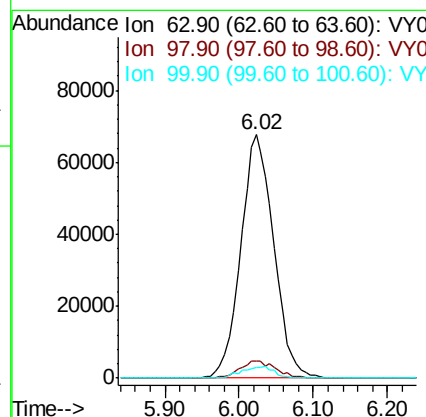
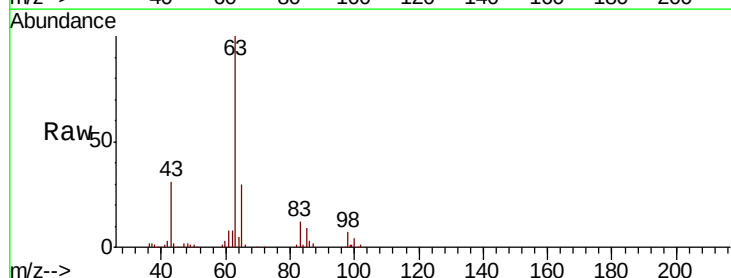
Tgt Ion: 63 Resp: 210001

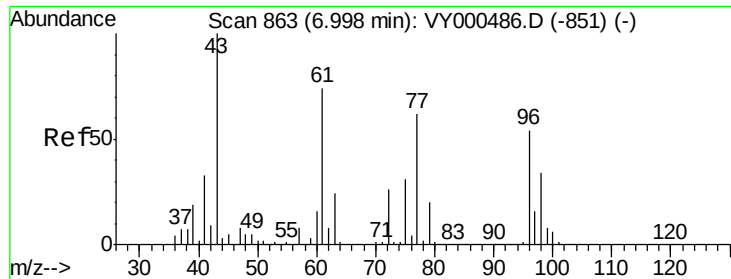
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.6

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 230.334 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 241394

Ion Ratio Lower Upper

43 100

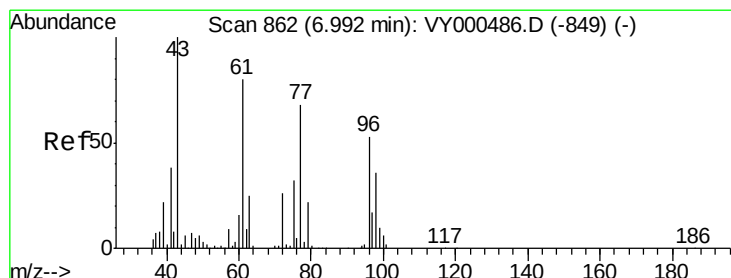
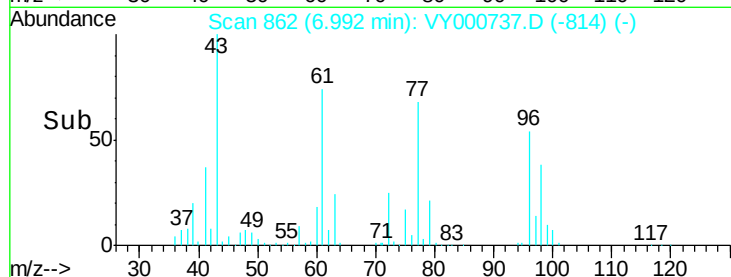
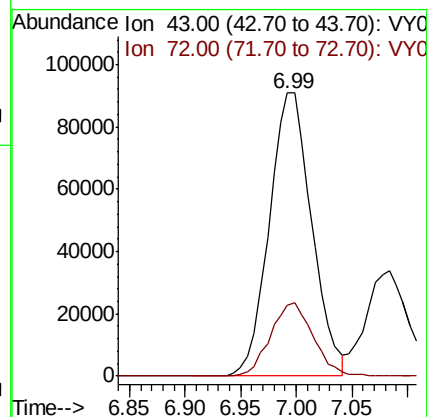
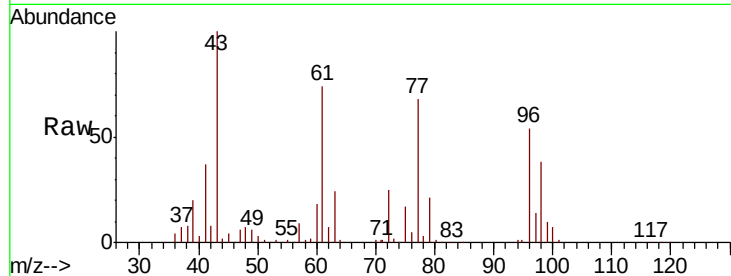
72 25.2 20.9 31.3

Manual Integrations

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MMDadoda

11/20/2019 9:57:19 AM



#26

2,2-Dichloropropane

Concen: 46.914 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000737.D

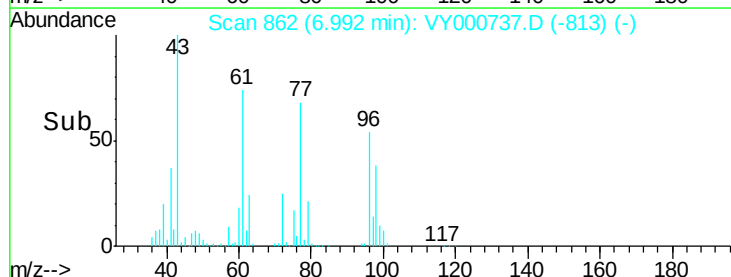
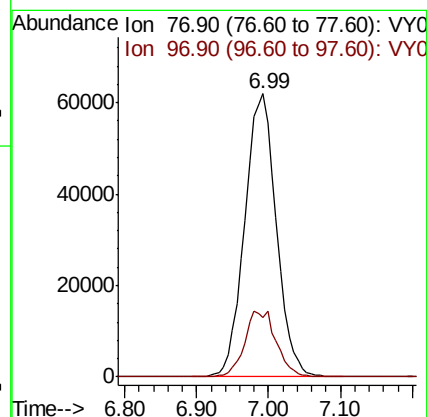
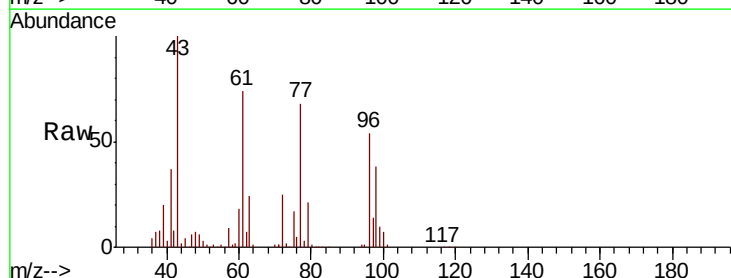
Acq: 19 Nov 2019 10:50

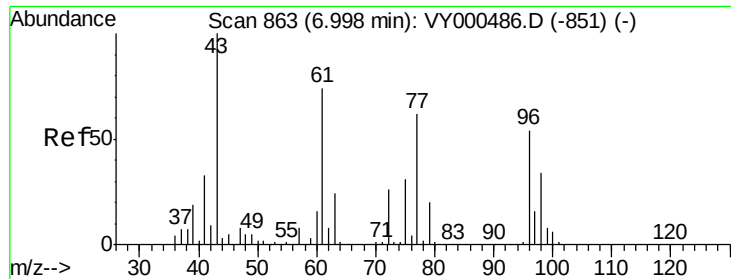
Tgt Ion: 77 Resp: 188784

Ion Ratio Lower Upper

77 100

97 23.1 11.8 35.4





#27

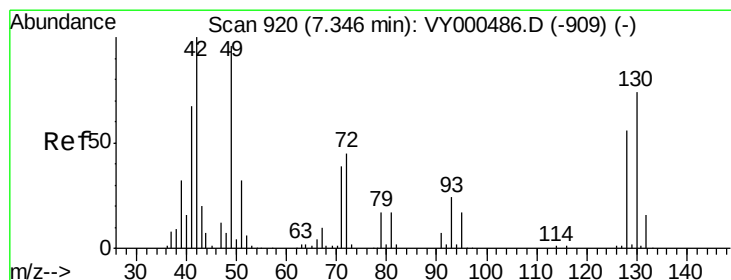
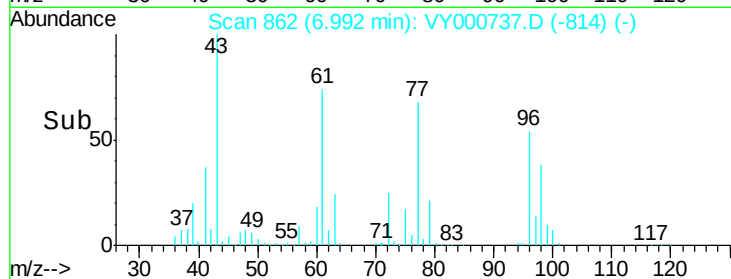
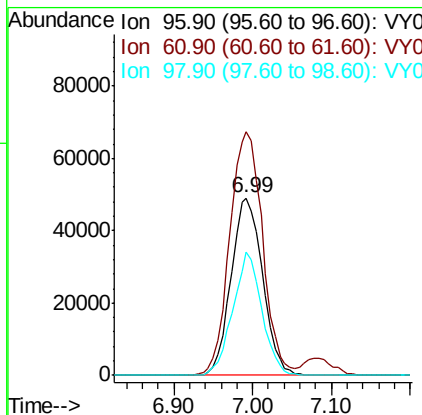
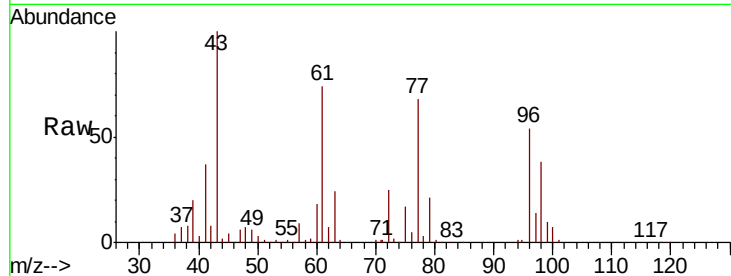
cis-1,2-Dichloroethene  
Concen: 47.971 ug/l  
RT: 6.99 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 143.2 | 0.0   | 287.0 |
| 98      | 64.1  | 0.0   | 129.4 |

Manual Integrations  
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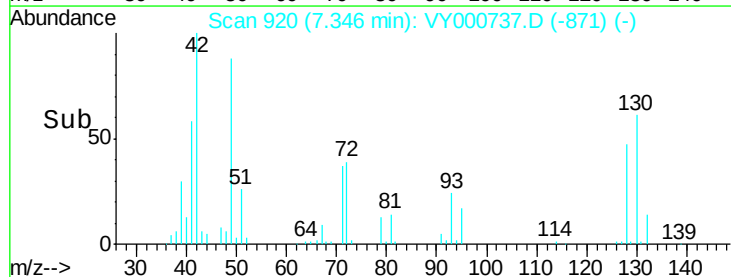
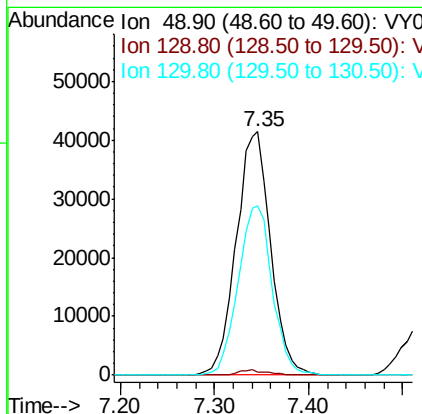
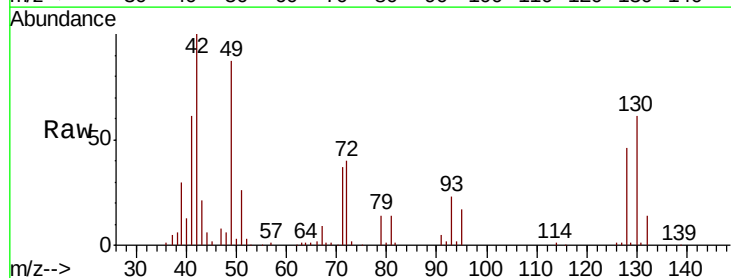
MMDadoda  
11/20/2019 9:57:19 AM

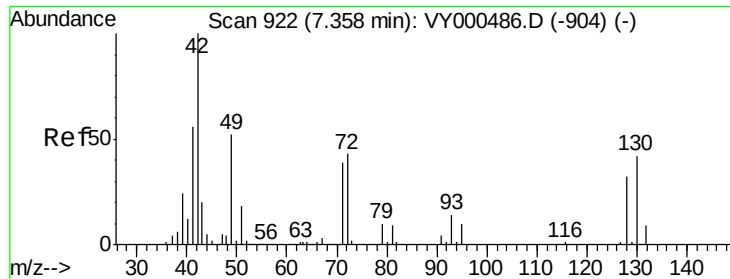


#28

Bromochloromethane  
Concen: 52.363 ug/l  
RT: 7.35 min Scan# 920  
Delta R.T. 0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.9   | 0.0   | 3.6   |
| 130     | 68.7  | 59.4  | 89.0  |





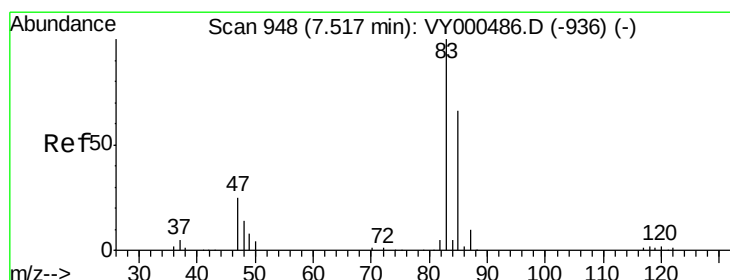
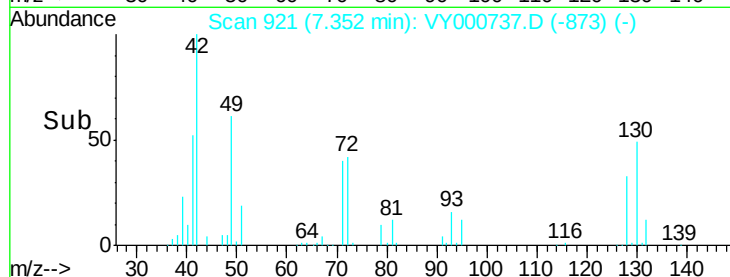
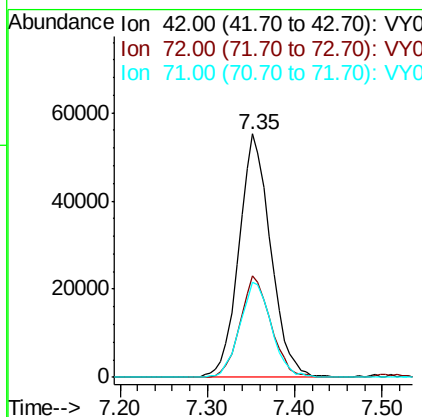
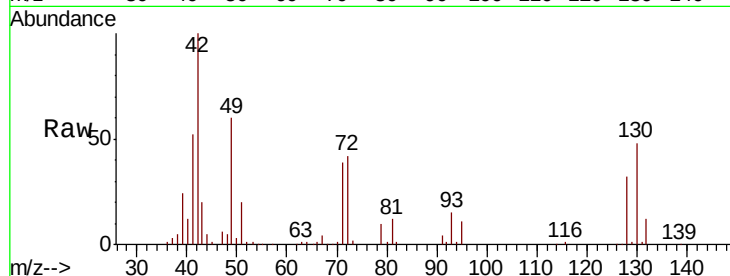
#29  
Tetrahydrofuran  
Concen: 217.497 ug/l  
RT: 7.35 min Scan# 921  
Delta R.T. -0.01 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.5  | 34.0  | 51.0  |
| 71      | 38.6  | 30.8  | 46.2  |

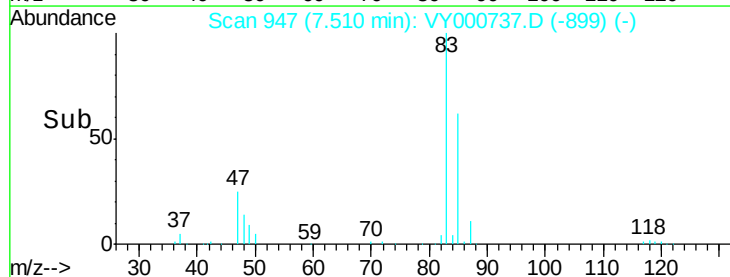
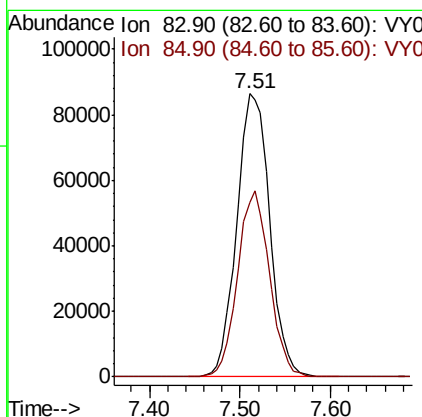
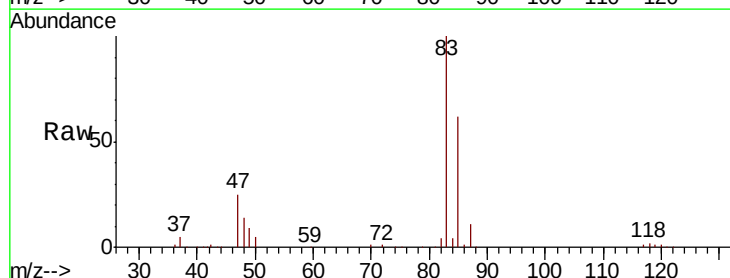
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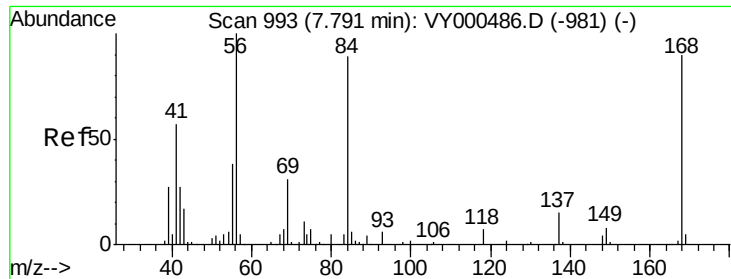
MMDadoda  
11/20/2019 9:57:19 AM



#30  
Chloroform  
Concen: 48.698 ug/l  
RT: 7.51 min Scan# 947  
Delta R.T. -0.01 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 61.7  | 53.0  | 79.4  |





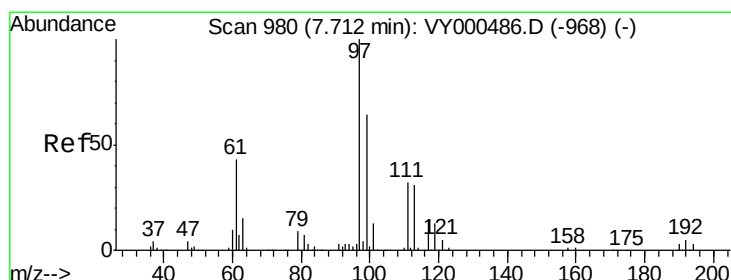
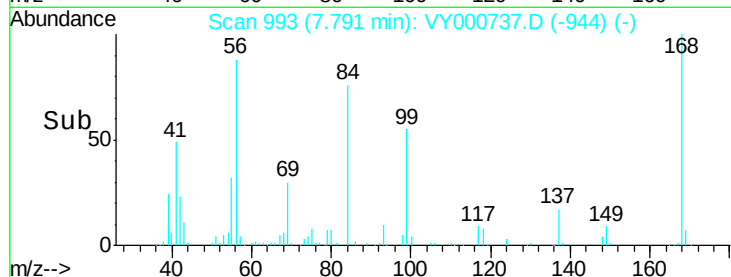
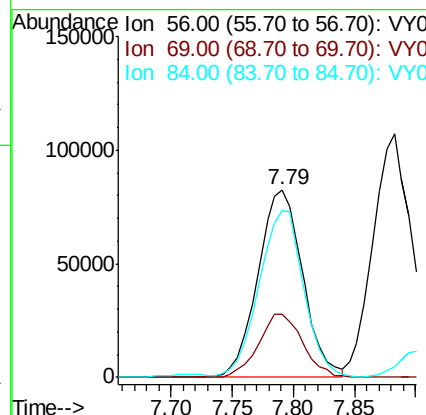
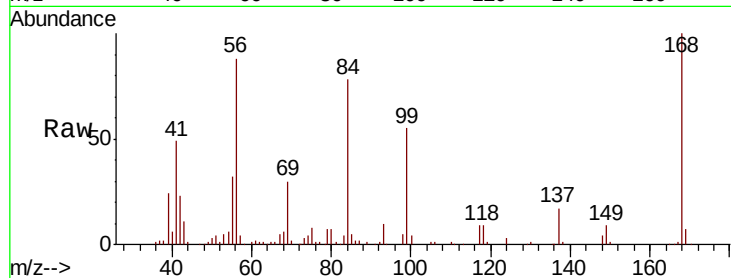
#31  
Cyclohexane  
Concen: 45.572 ug/l  
RT: 7.79 min Scan# 993  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 33.7  | 25.0  | 37.6  |
| 84      | 87.4  | 71.4  | 107.2 |

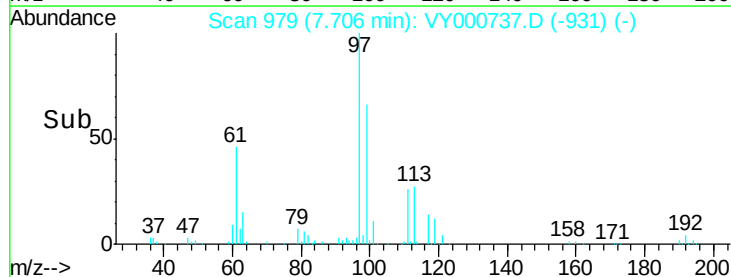
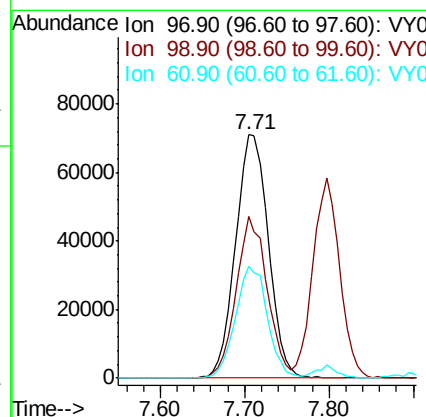
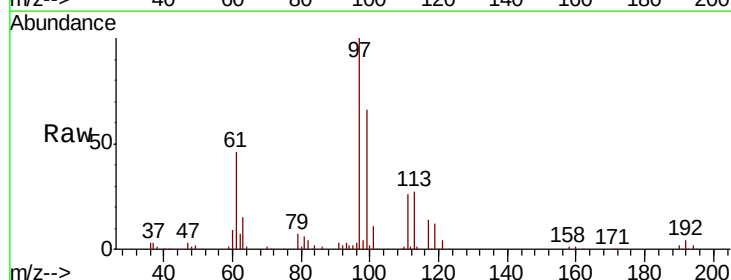
Manual Integrations  
APPROVED

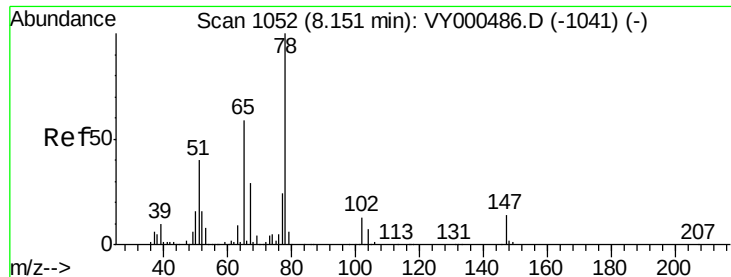
MMDadoda  
11/20/2019 9:57:19 AM



#32  
1,1,1-Trichloroethane  
Concen: 47.051 ug/l  
RT: 7.71 min Scan# 979  
Delta R.T. -0.01 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 62.8  | 50.9  | 76.3  |
| 61      | 44.6  | 34.9  | 52.3  |





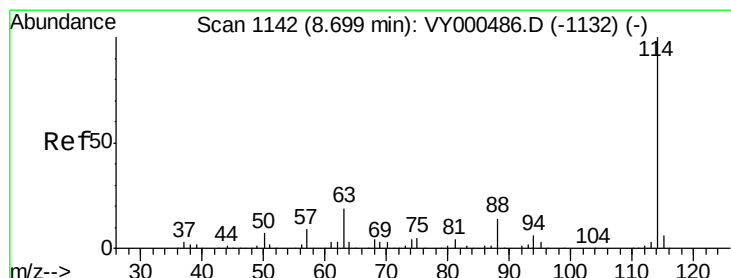
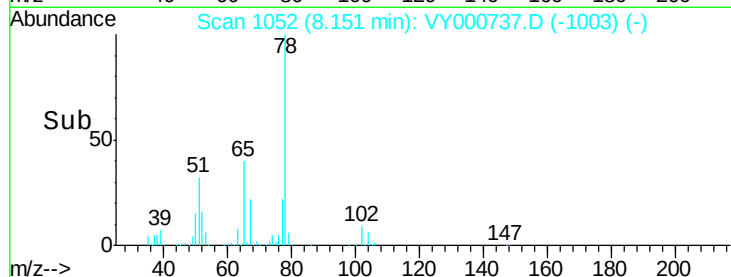
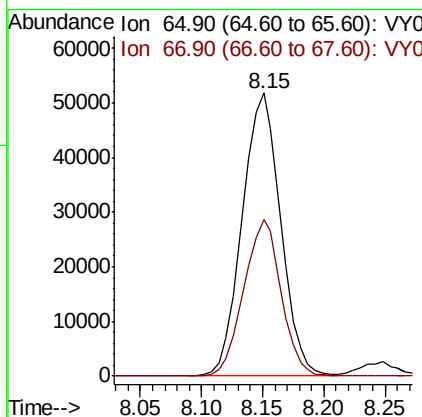
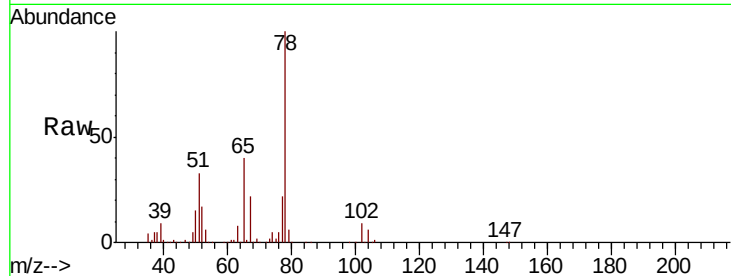
#33  
 1,2-Dichloroethane-d4  
 Concen: 47.584 ug/l  
 RT: 8.15 min Scan# 1052  
 Delta R.T. -0.00 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 113374 |       |       |
| 67      | 53.5  | 0.0    | 107.2 |       |

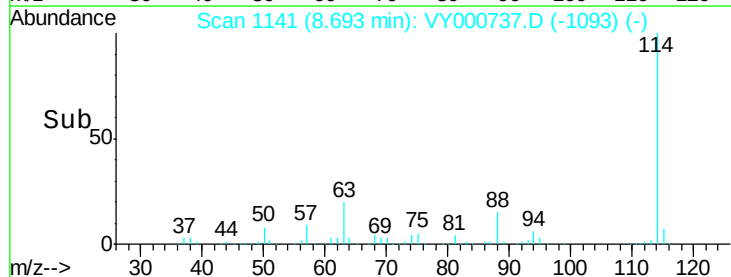
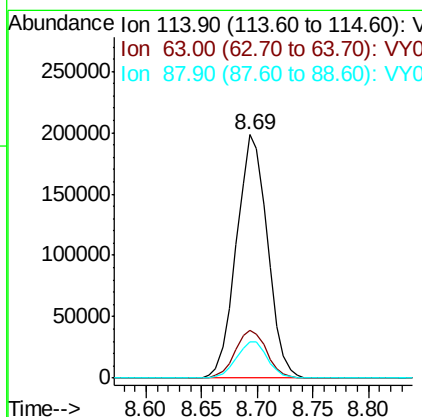
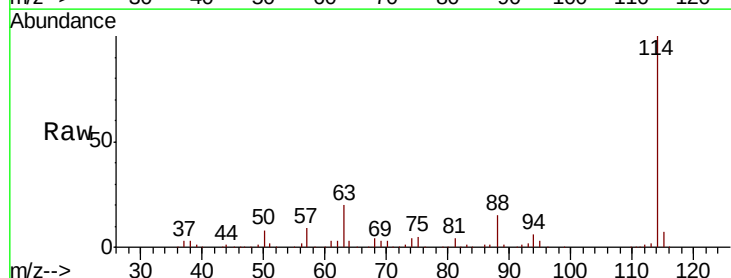
Manual Integrations  
 APPROVED

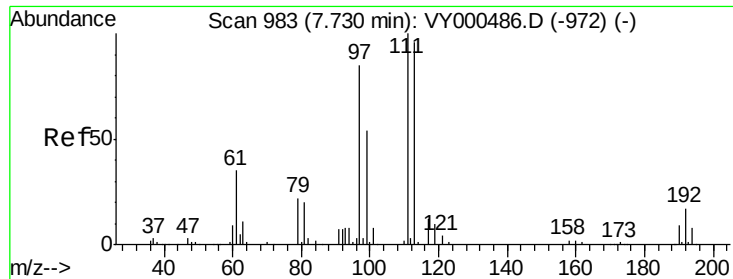
MMDadoda  
 11/20/2019 9:57:19 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1141  
 Delta R.T. -0.01 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 383091 |       |       |
| 63      | 19.5  | 0.0    | 38.0  |       |
| 88      | 15.0  | 0.0    | 28.6  |       |





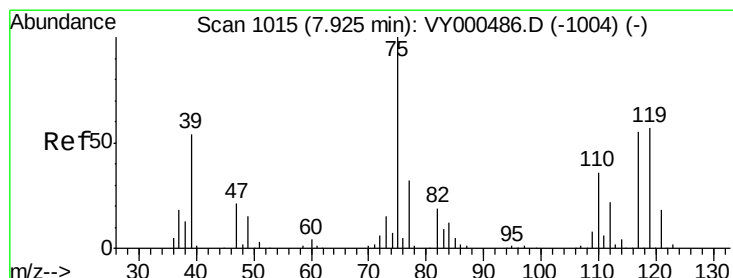
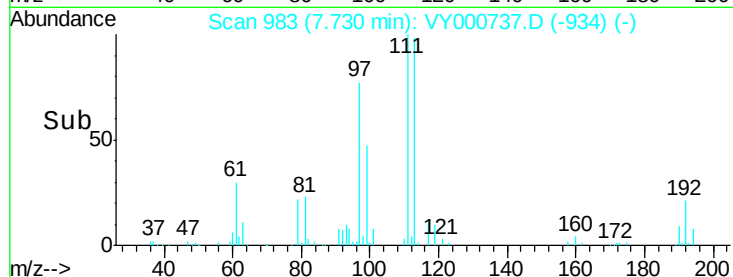
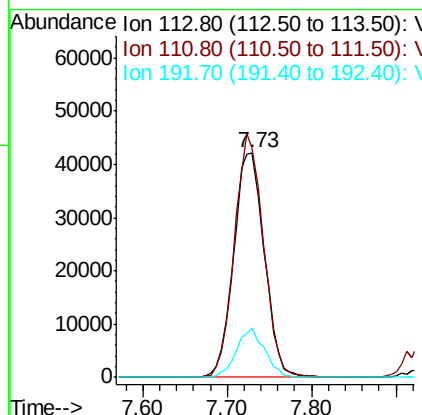
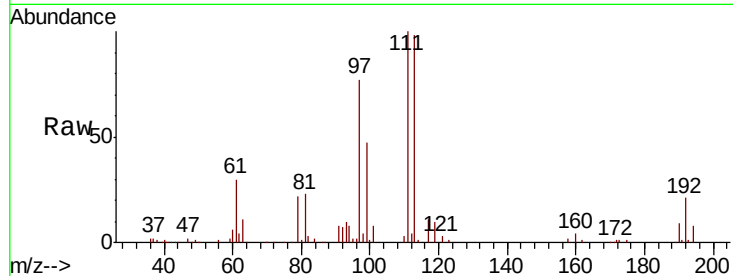
#35  
Dibromofluoromethane  
Concen: 46.151 ug/l  
RT: 7.73 min Scan# 983  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 103794 |       |       |
| 111     | 102.2 | 81.7   | 122.5 |       |
| 192     | 20.0  | 15.0   | 22.4  |       |

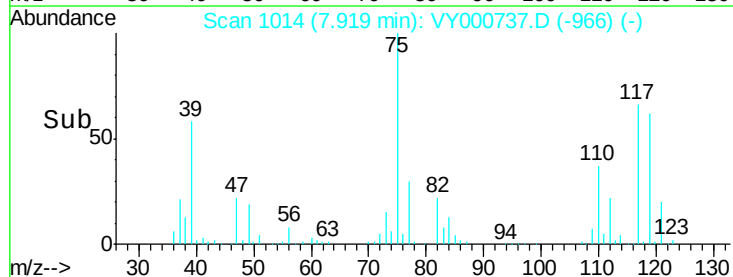
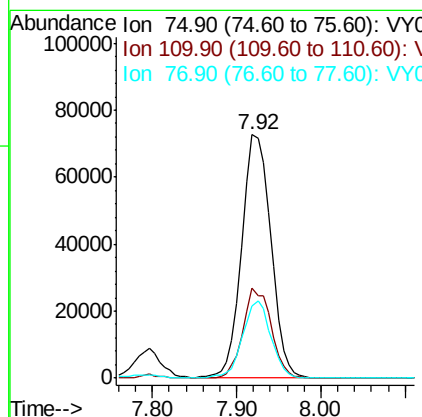
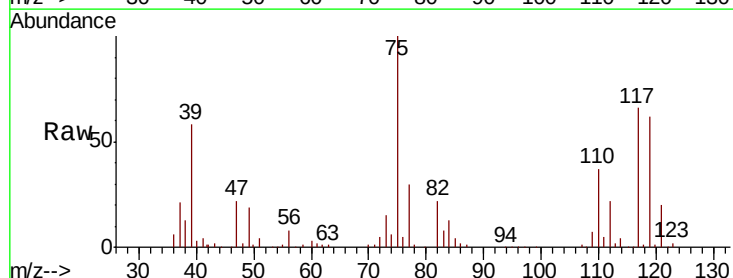
Manual Integrations  
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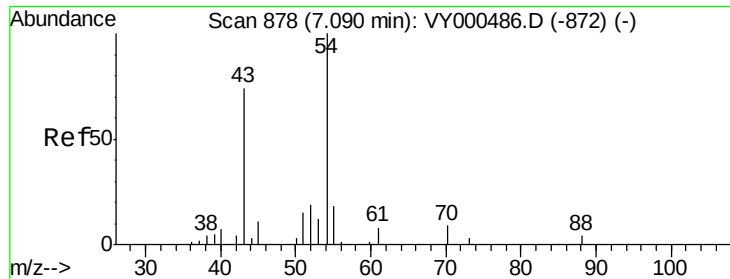
MMDadoda  
11/20/2019 9:57:19 AM



#36  
1,1-Dichloropropene  
Concen: 47.114 ug/l  
RT: 7.92 min Scan# 1014  
Delta R.T. -0.01 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 170626 |       |       |
| 110     | 35.6  | 18.1   | 54.1  |       |
| 77      | 30.7  | 25.0   | 37.6  |       |





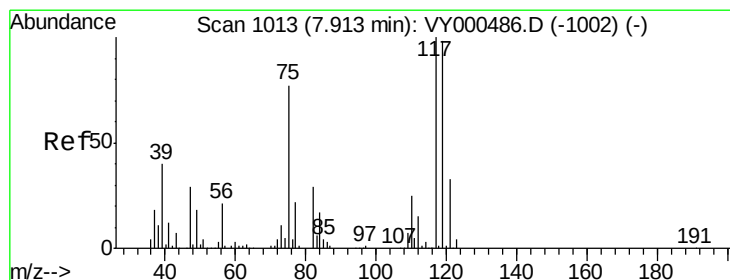
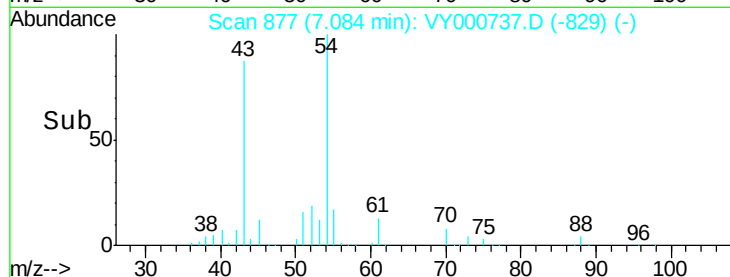
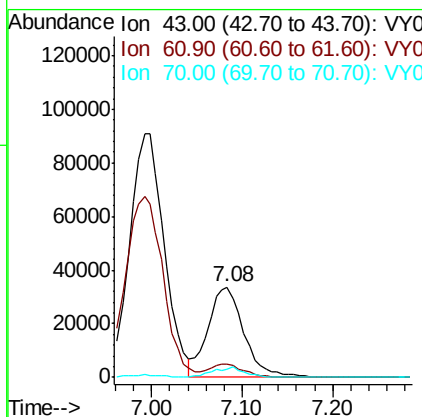
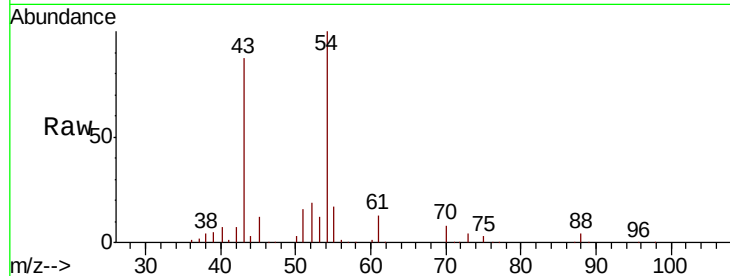
#37  
Ethyl Acetate  
Concen: 43.381 ug/l  
RT: 7.08 min Scan# 877  
Delta R.T. -0.01 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.4  | 10.2  | 15.2  |
| 70      | 10.0  | 7.8   | 11.8  |

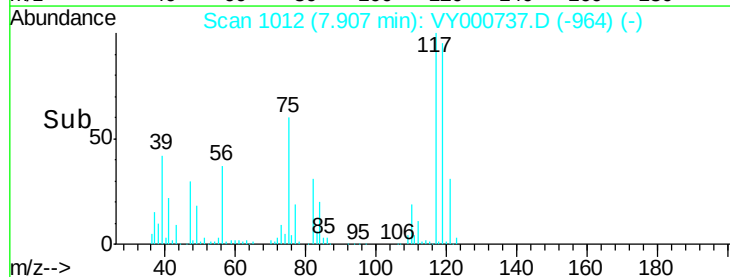
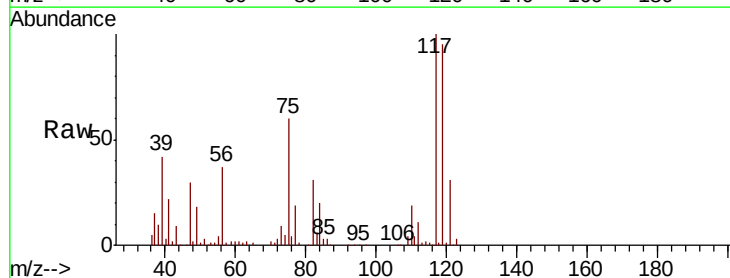
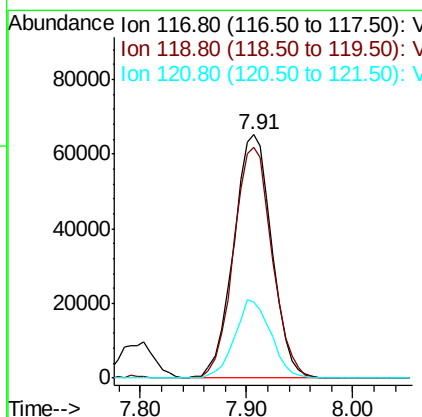
Manual Integrations  
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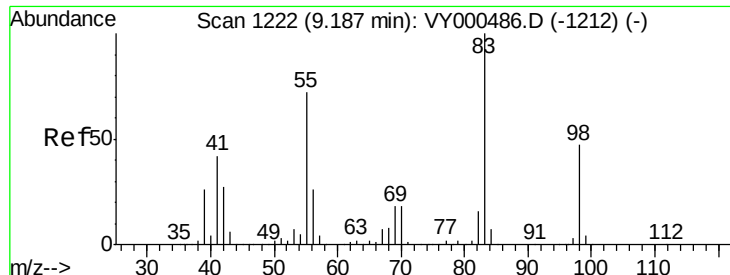


#38  
Carbon Tetrachloride  
Concen: 46.944 ug/l  
RT: 7.91 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.6  | 78.0  | 117.0 |
| 121     | 31.0  | 26.6  | 40.0  |







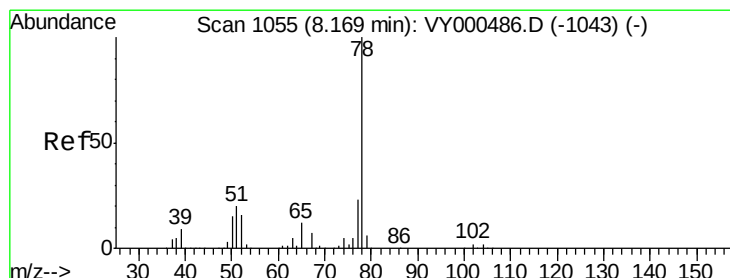
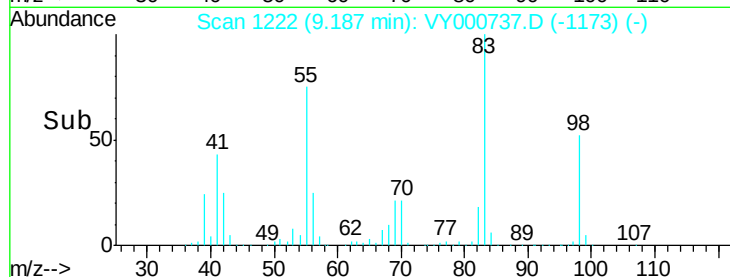
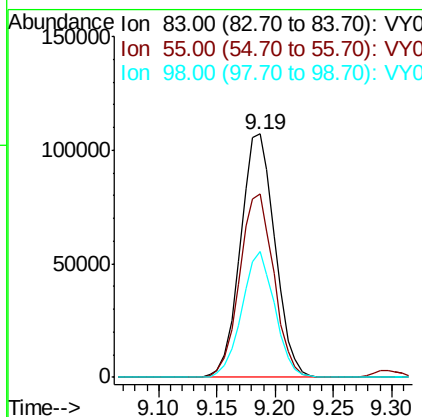
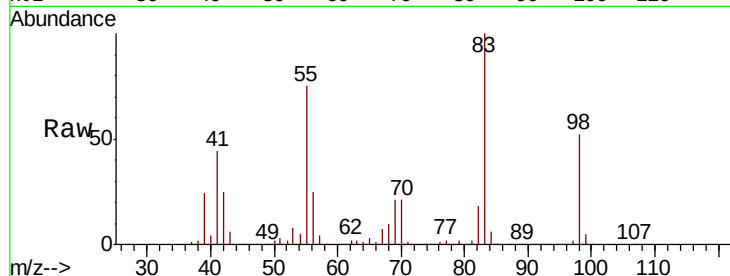
#39  
Methylvlcyclohexane  
Concen: 47.283 ug/l  
RT: 9.19 min Scan# 1222  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 221227 |       |       |
| 55      | 75.2  |        | 57.5  | 86.3  |
| 98      | 51.9  |        | 38.0  | 57.0  |

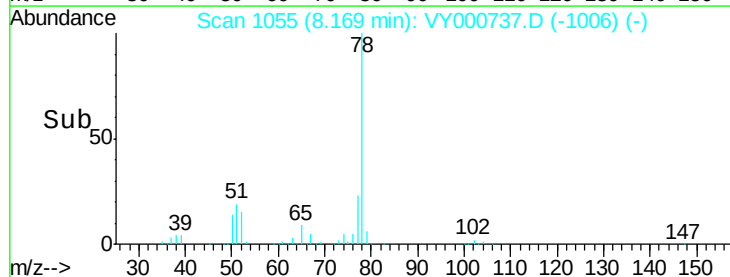
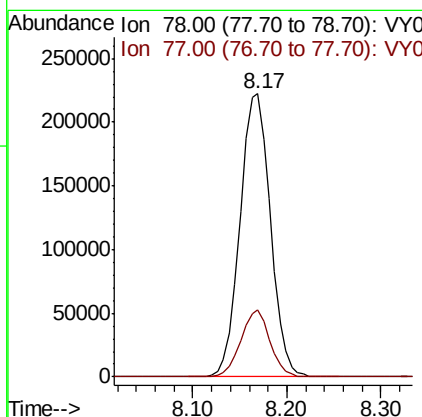
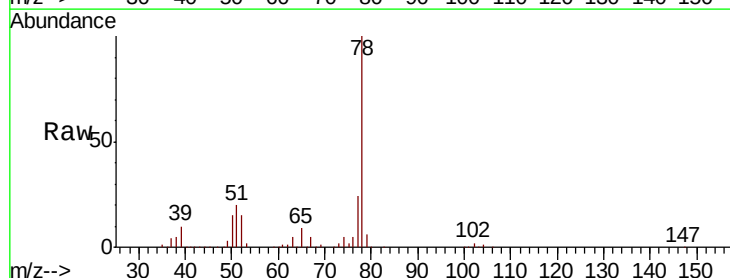
Manual Integrations  
APPROVED

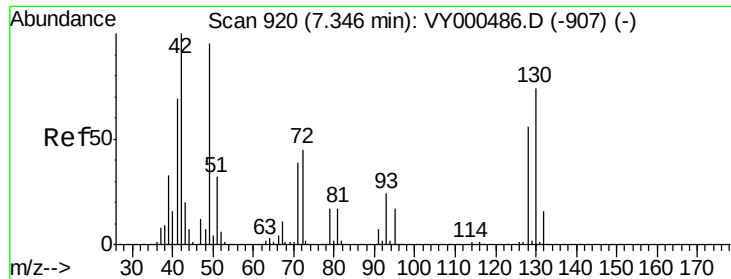
MMDadoda  
11/20/2019 9:57:19 AM



#40  
Benzene  
Concen: 47.284 ug/l  
RT: 8.17 min Scan# 1055  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 502039 |       |       |
| 77      | 23.6  |        | 18.6  | 28.0  |





#41

Methacrylonitrile

Concen: 46.703 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.02 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 56019  
Ion Ratio Lower Upper

41 100

39 104.7 68.2 102.4#

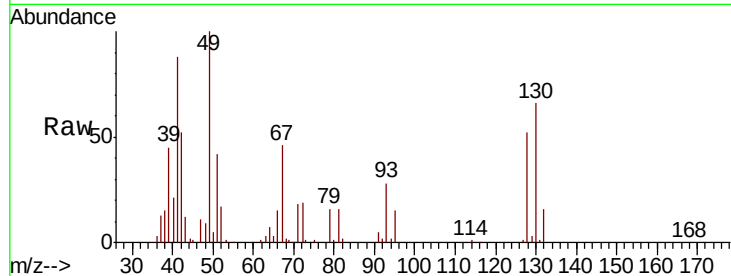
67 0.0 0.0 0.0

52 0.0 0.0 0.0

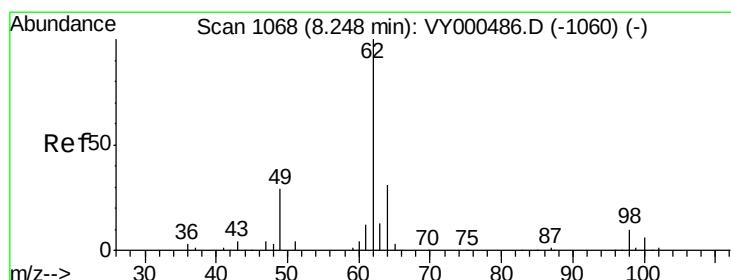
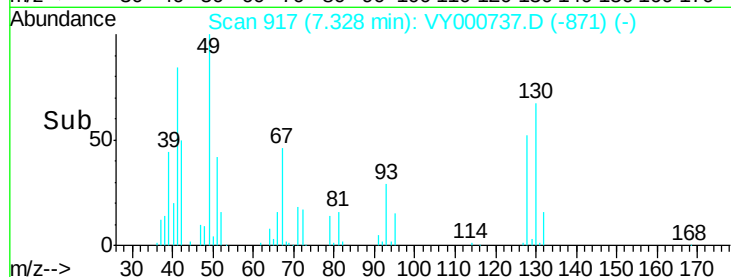
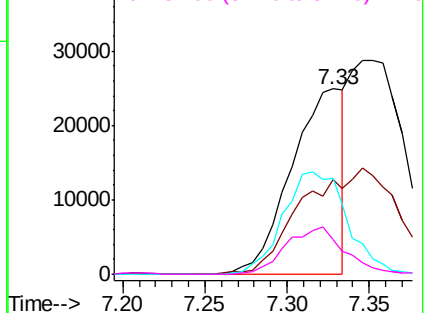
Manual Integrations  
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Abundance Ion 41.00 (40.70 to 41.70): VY0  
Ion 39.00 (38.70 to 39.70): VY0  
Ion 67.00 (66.70 to 67.70): VY0  
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 46.945 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

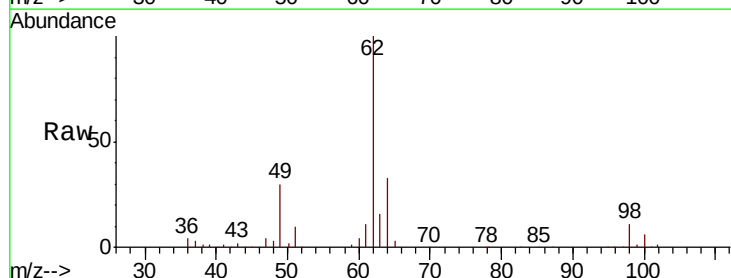
Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

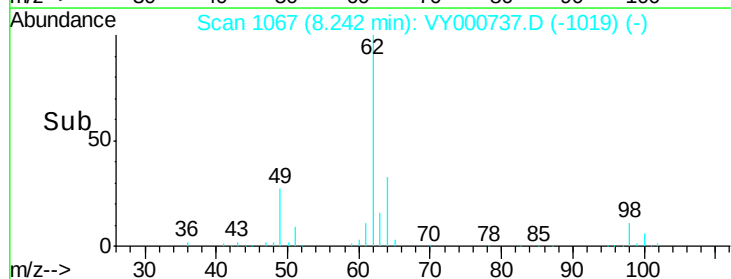
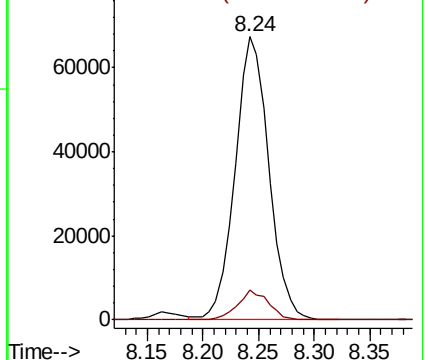
Tgt Ion: 62 Resp: 141371  
Ion Ratio Lower Upper

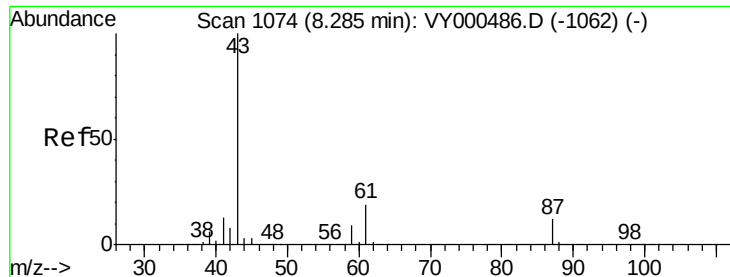
62 100

98 9.7 0.0 19.2



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





#43

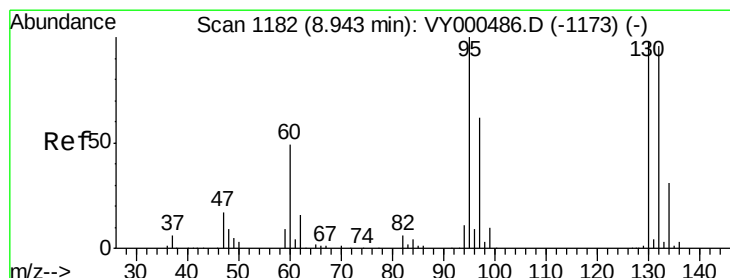
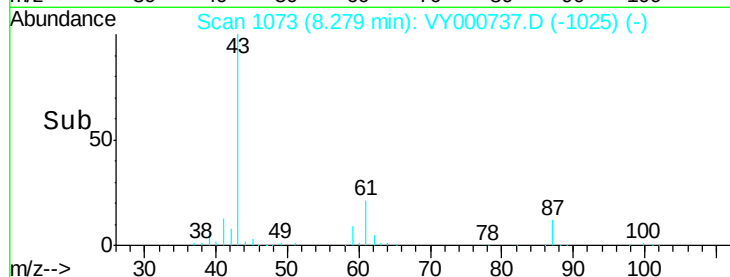
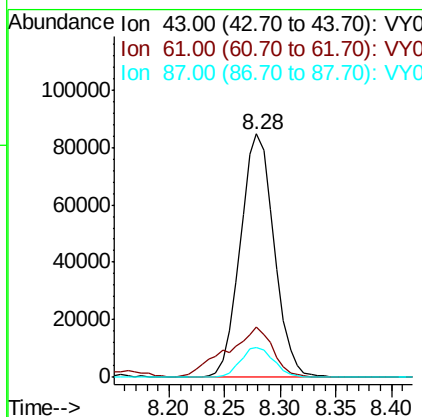
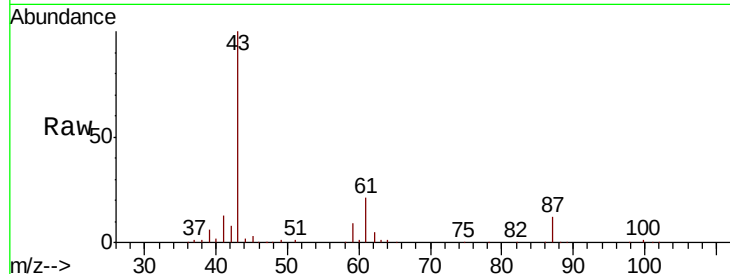
Isopropyl Acetate  
 Concen: 44.277 ug/l  
 RT: 8.28 min Scan# 1073  
 Delta R.T. -0.01 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 28.1  | 23.0  | 34.4  |
| 87      | 12.2  | 10.5  | 15.7  |

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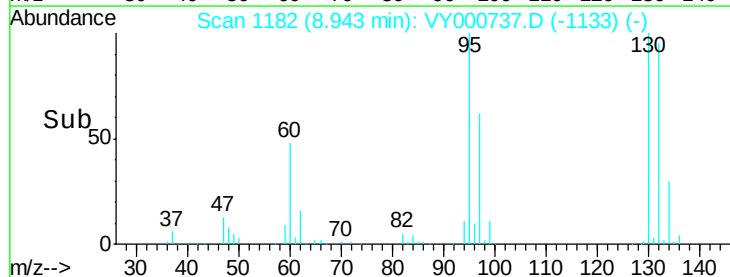
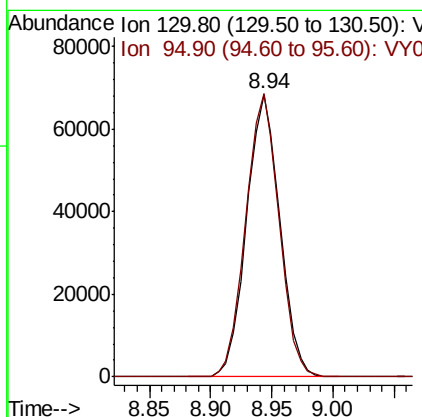
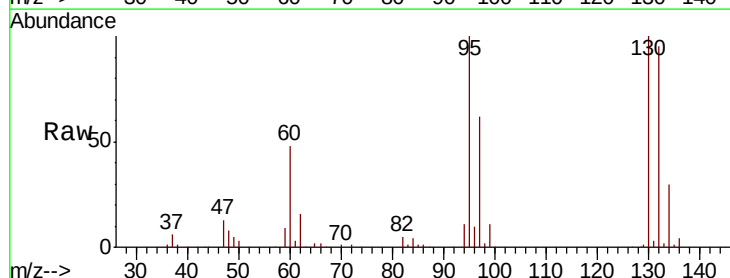
MMDadoda  
 11/20/2019 9:57:19 AM

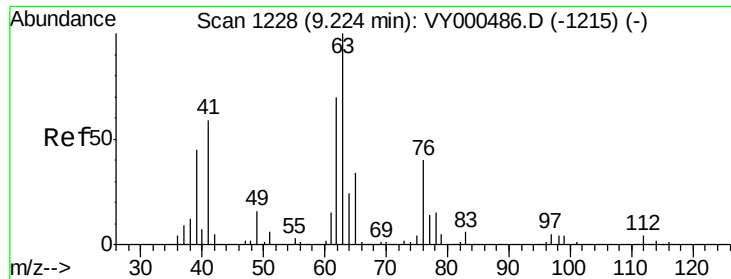


#44

Trichloroethene  
 Concen: 46.336 ug/l  
 RT: 8.94 min Scan# 1182  
 Delta R.T. -0.00 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 100.3 | 0.0   | 203.2 |





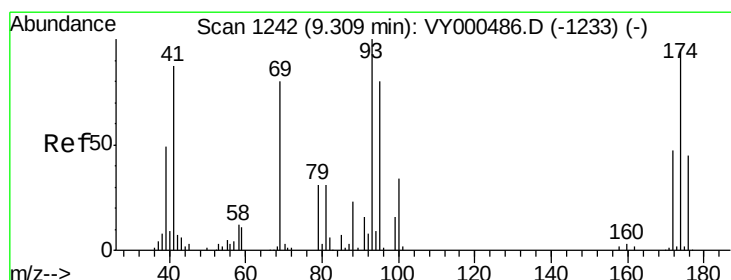
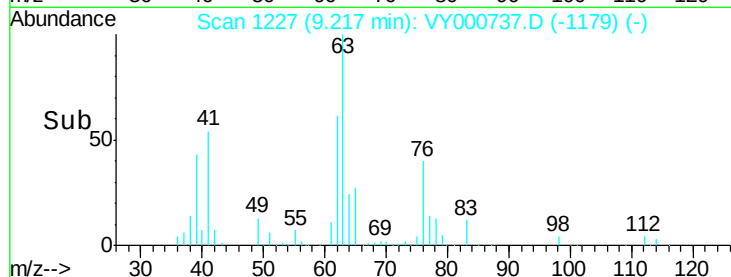
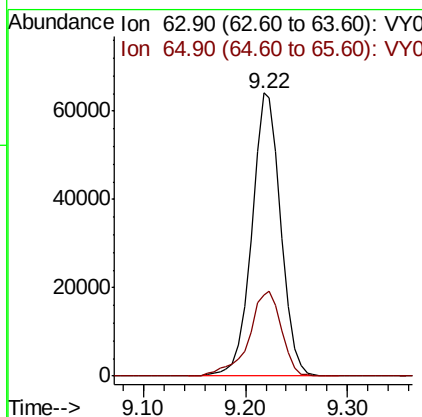
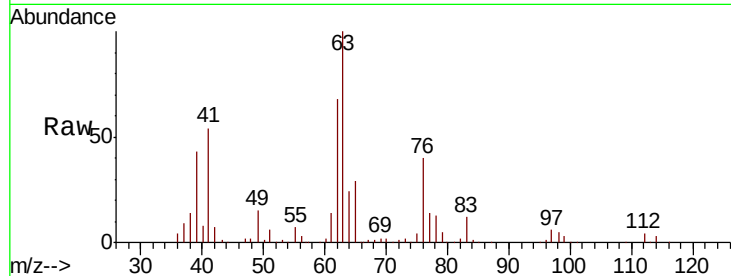
#45  
 1,2-Dichloropropane  
 Concen: 48.435 ug/l  
 RT: 9.22 min Scan# 1227  
 Delta R.T. -0.01 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 126568  
 Ion Ratio Lower Upper  
 63 100  
 65 28.7 27.0 40.4

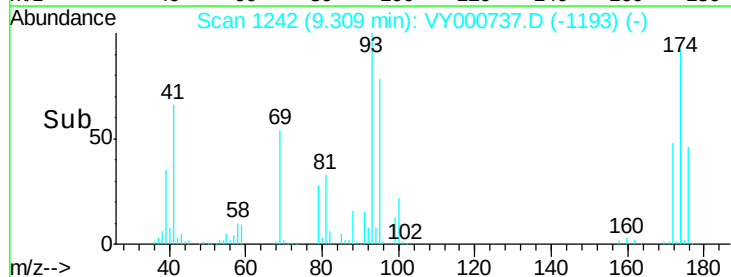
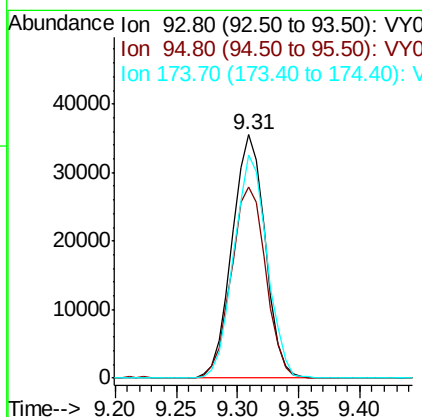
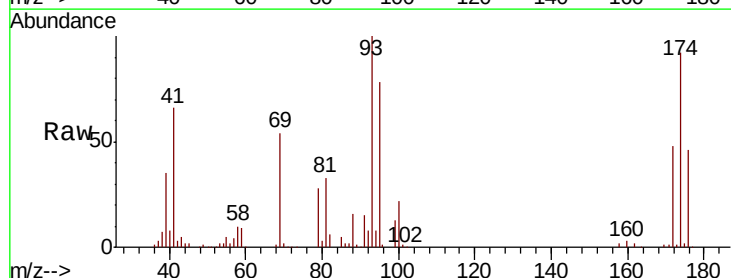
Manual Integrations  
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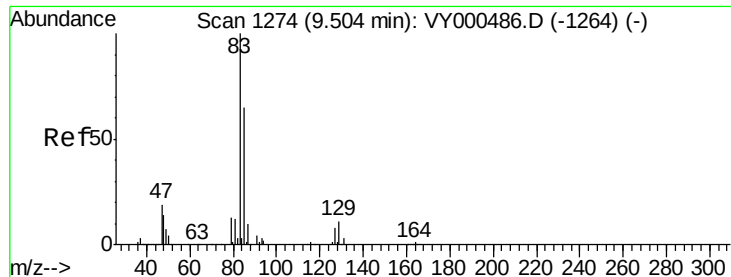
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 11/20/2019 9:57:19 AM



#46  
 Dibromomethane  
 Concen: 46.221 ug/l  
 RT: 9.31 min Scan# 1242  
 Delta R.T. -0.00 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

Tgt Ion: 93 Resp: 66427  
 Ion Ratio Lower Upper  
 93 100  
 95 81.7 66.4 99.6  
 174 92.0 77.1 115.7





#47

Bromodichloromethane

Concen: 47.849 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Instrument :

MSVOA\_Y

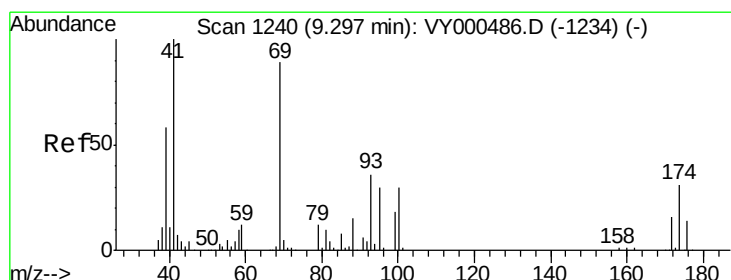
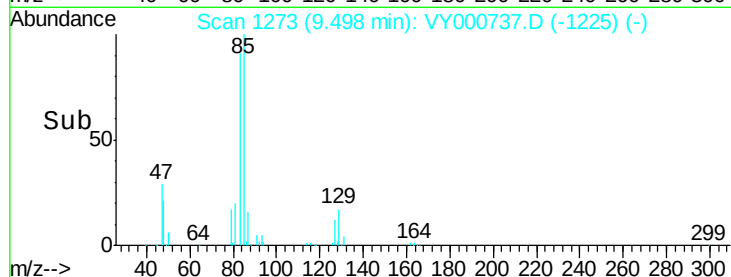
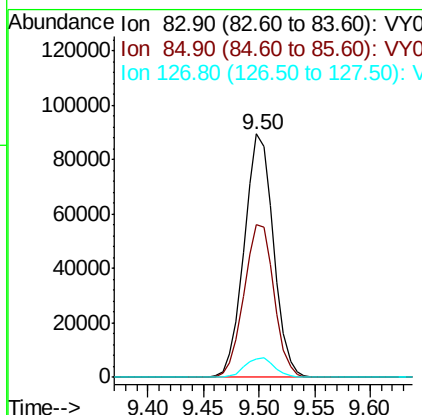
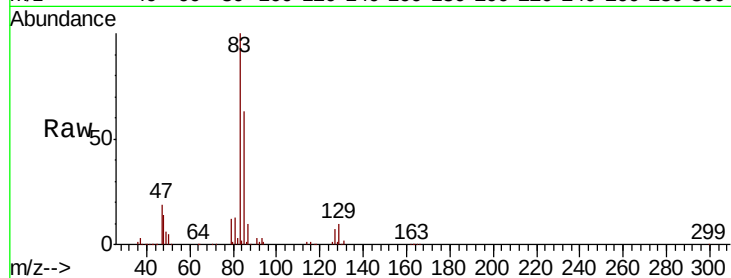
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 163169 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.0  | 51.8  | 77.8   |
| 127      | 7.4   | 6.7   | 10.1   |

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#48

Methyl methacrylate

Concen: 45.289 ug/l

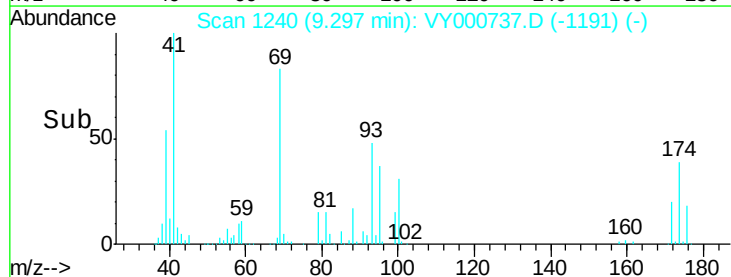
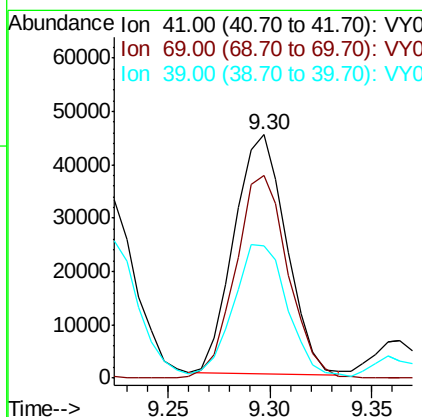
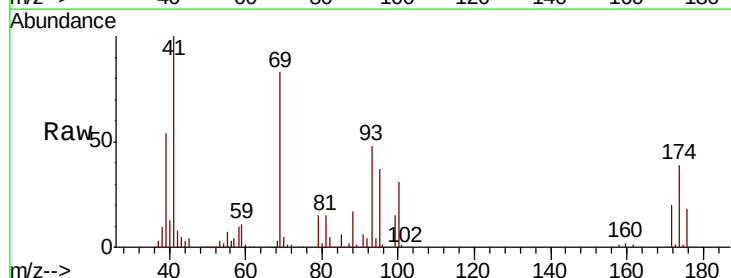
RT: 9.30 min Scan# 1240

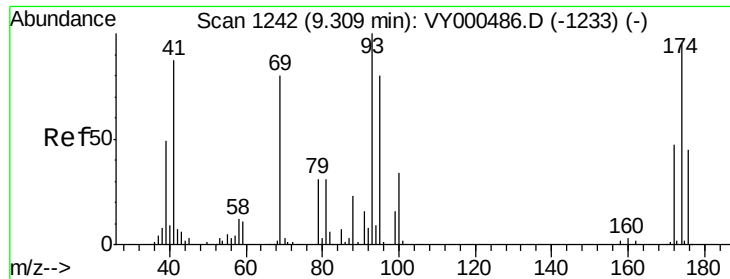
Delta R.T. -0.00 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 79923 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 85.3  | 72.5  | 108.7 |
| 39       | 58.0  | 47.8  | 71.8  |





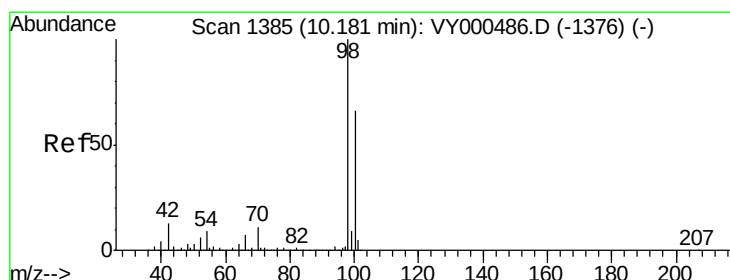
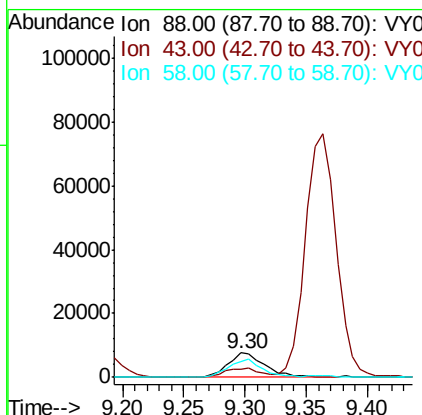
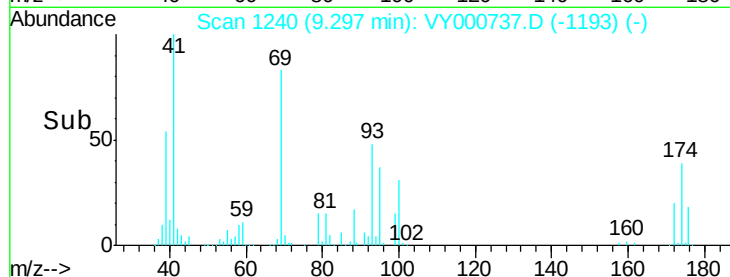
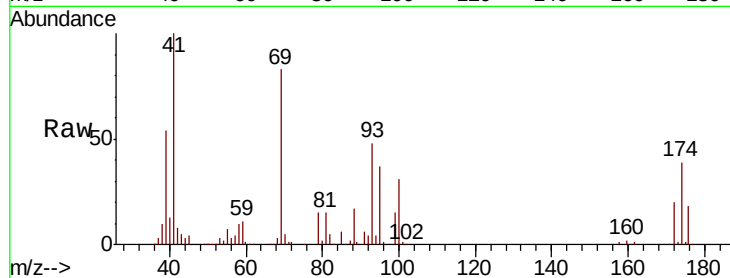
#49  
1,4-Dioxane  
Concen: 835.130 ug/l  
RT: 9.30 min Scan# 1240  
Delta R.T. -0.01 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.6  | 25.1  | 37.7  |
| 58      | 67.2  | 50.6  | 75.8  |

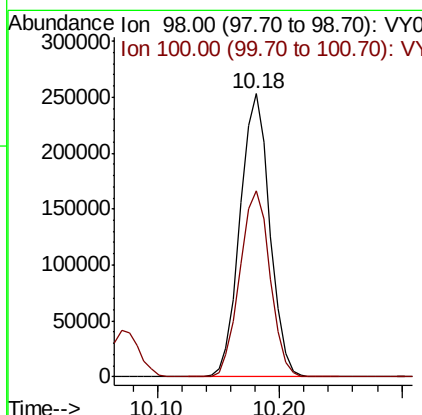
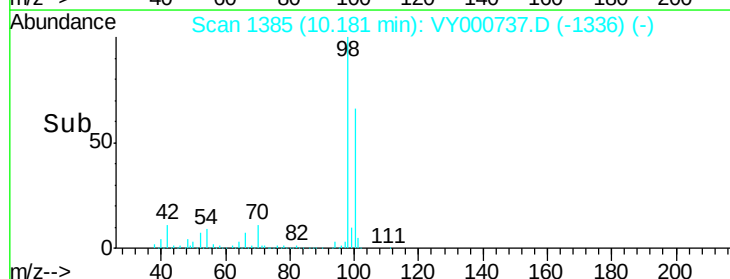
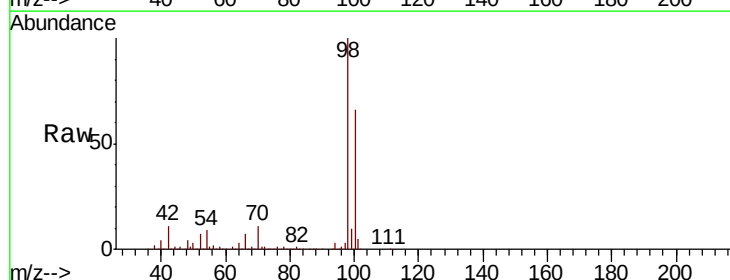
Manual Integrations  
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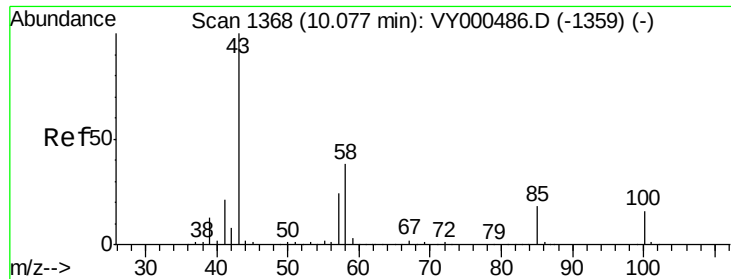
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#50  
Toluene-d8  
Concen: 49.804 ug/l  
RT: 10.18 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 67.0  | 52.9  | 79.3  |





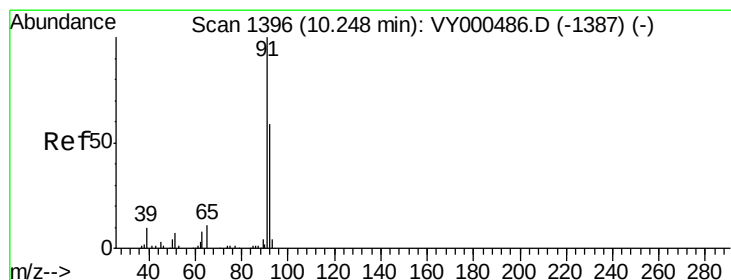
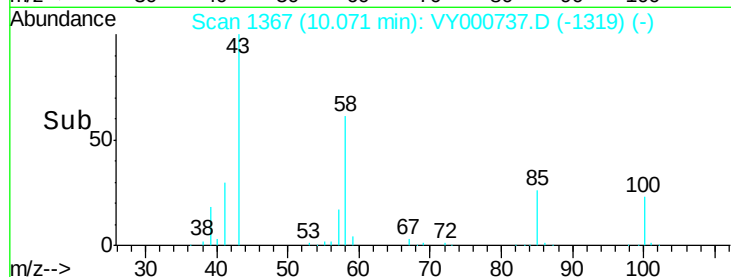
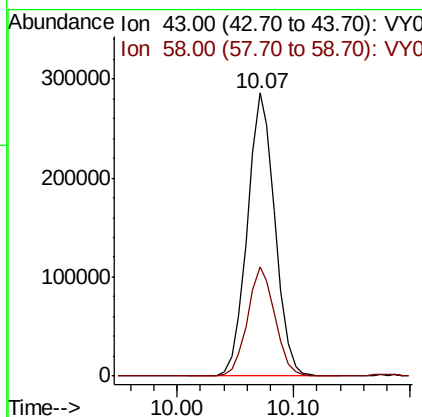
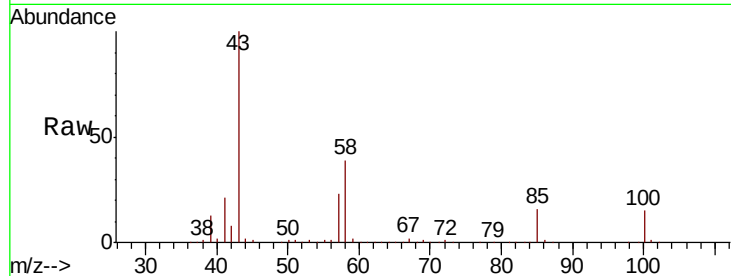
#51  
4-Methyl-2-Pentanone  
Concen: 219.274 ug/l  
RT: 10.07 min Scan# 1367  
Delta R.T. -0.01 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 470880  
Ion Ratio Lower Upper  
43 100  
58 38.3 30.2 45.4

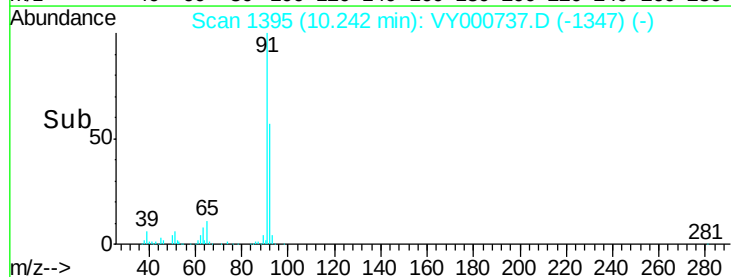
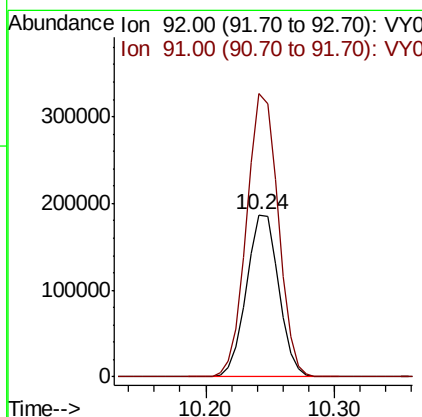
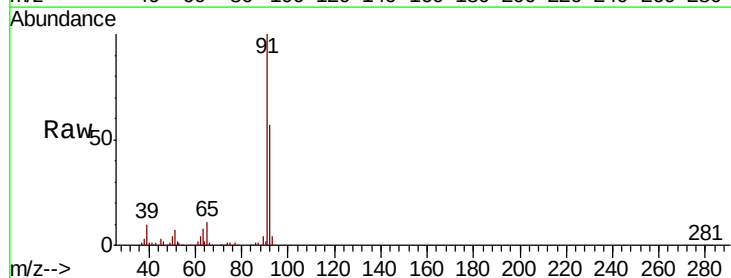
Manual Integrations  
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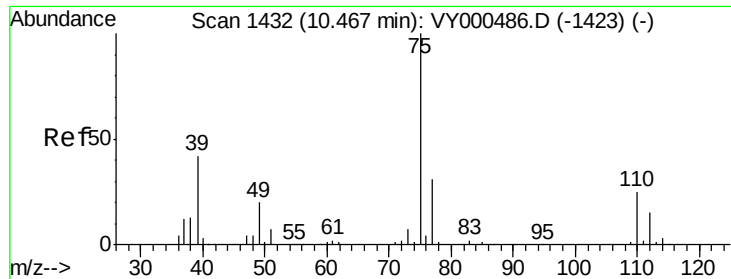
MMDadoda  
11/20/2019 9:57:19 AM



#52  
Toluene  
Concen: 48.024 ug/l  
RT: 10.24 min Scan# 1395  
Delta R.T. -0.01 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Tgt Ion: 92 Resp: 322376  
Ion Ratio Lower Upper  
92 100  
91 171.6 136.3 204.5





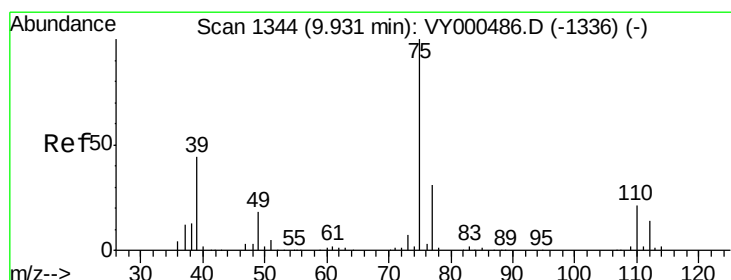
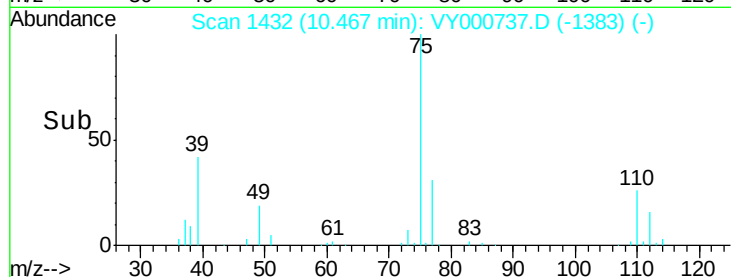
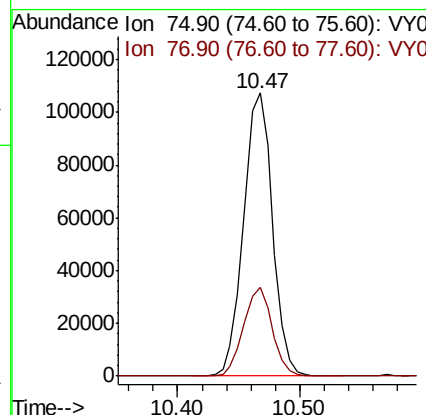
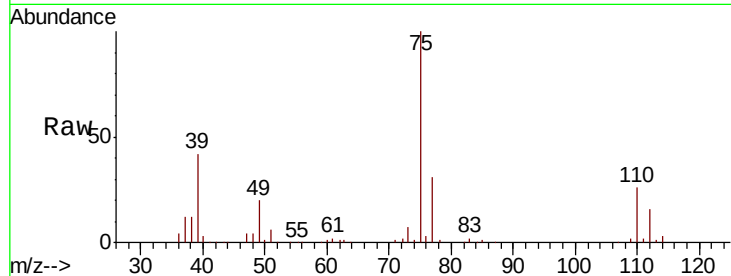
#53  
t-1,3-Dichloropropene  
Concen: 48.165 ug/l  
RT: 10.47 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 75 Resp: 175495  
Ion Ratio Lower Upper  
75 100  
77 31.5 24.6 37.0

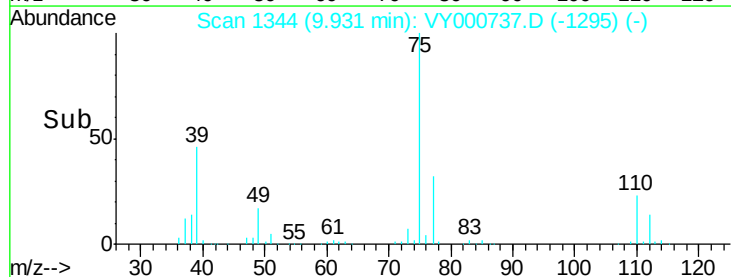
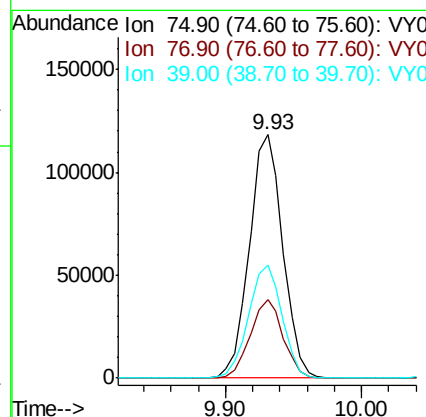
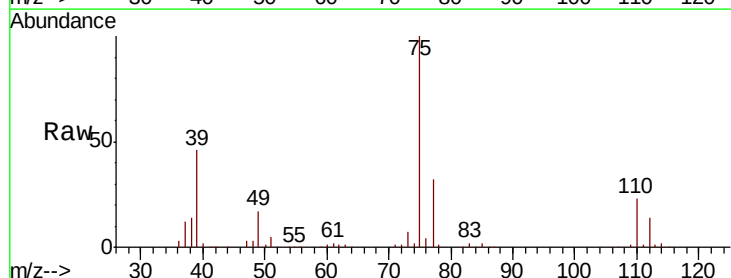
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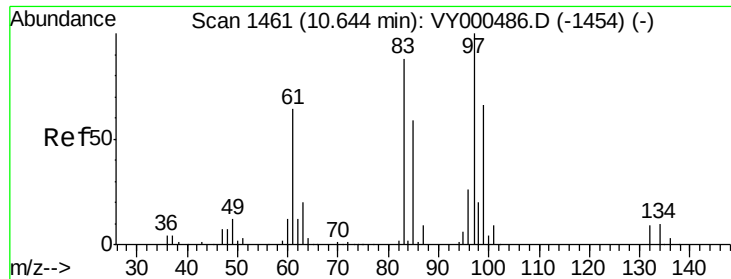


#54  
cis-1,3-Dichloropropene  
Concen: 48.675 ug/l  
RT: 9.93 min Scan# 1344  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Tgt Ion: 75 Resp: 203179  
Ion Ratio Lower Upper  
75 100  
77 32.1 24.5 36.7  
39 46.5 35.4 53.2







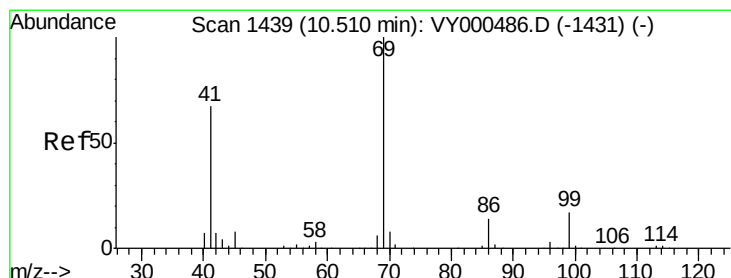
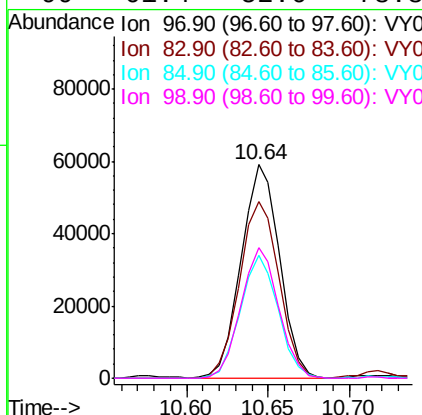
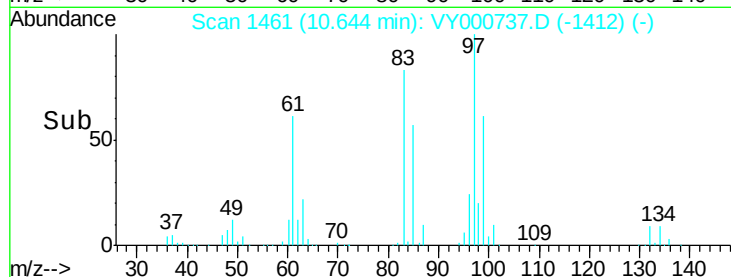
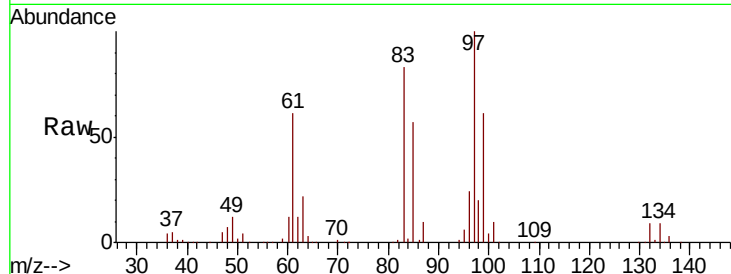
#55  
 1,1,2-Trichloroethane  
 Concen: 46.597 ug/l  
 RT: 10.64 min Scan# 1461  
 Delta R.T. -0.00 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 96859 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.0  | 70.2  | 105.4 |
| 85       | 57.5  | 46.9  | 70.3  |
| 99       | 61.4  | 52.6  | 78.8  |

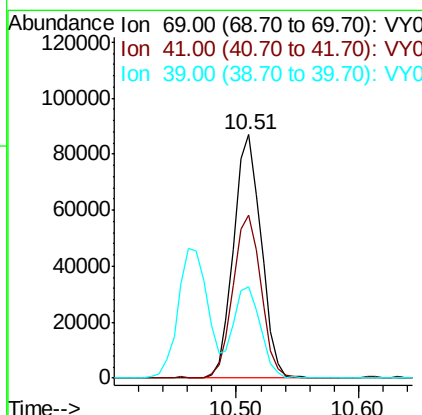
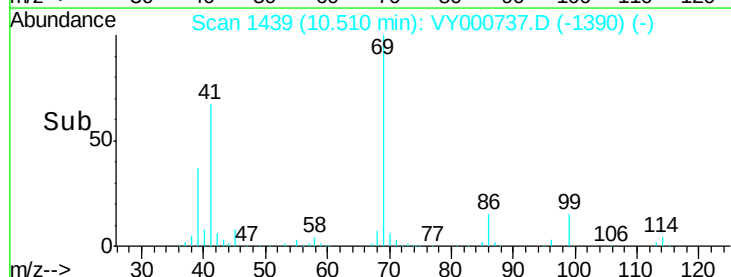
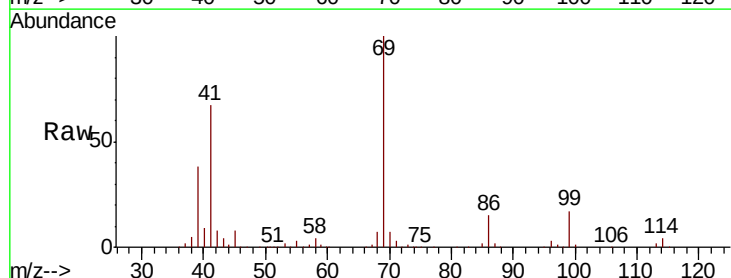
Manual Integrations  
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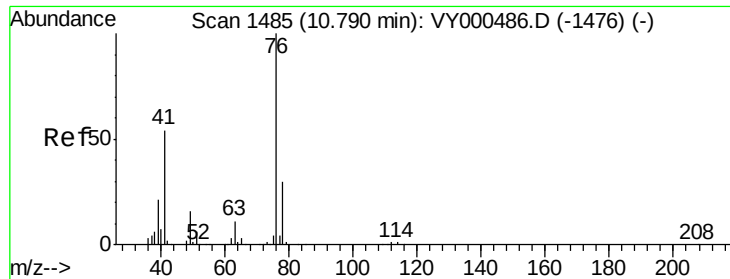
MMDadoda  
 11/20/2019 9:57:19 AM



#56  
 Ethyl methacrylate  
 Concen: 45.945 ug/l  
 RT: 10.51 min Scan# 1439  
 Delta R.T. -0.00 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 135361 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.4  | 53.3  | 79.9   |
| 39       | 37.7  | 28.0  | 42.0   |





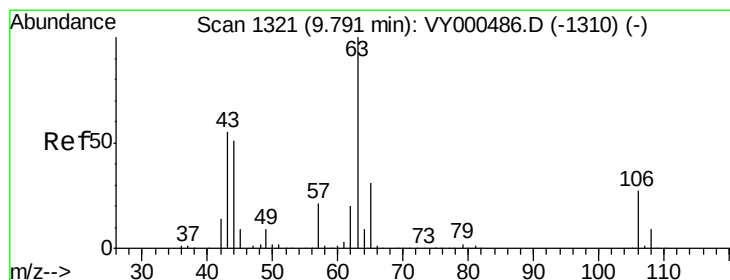
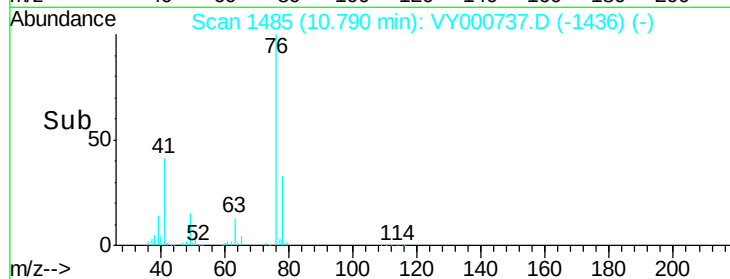
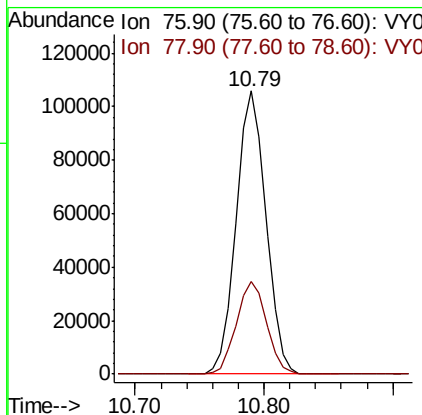
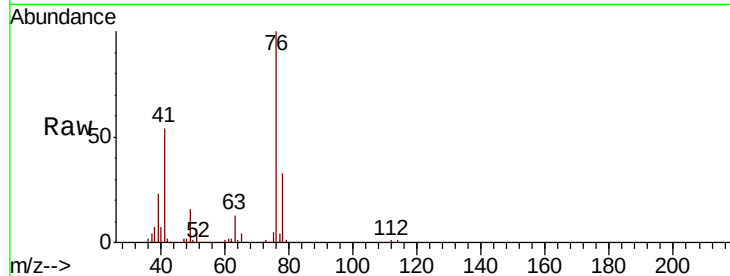
#57  
 1,3-Dichloropropane  
 Concen: 46.555 ug/l  
 RT: 10.79 min Scan# 1485  
 Delta R.T. -0.00 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 76 Resp: 169372  
 Ion Ratio Lower Upper  
 76 100  
 78 33.3 25.2 37.8

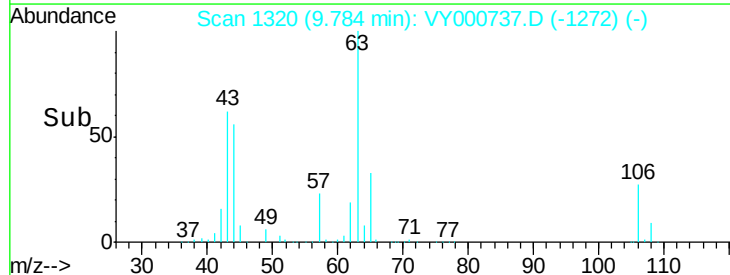
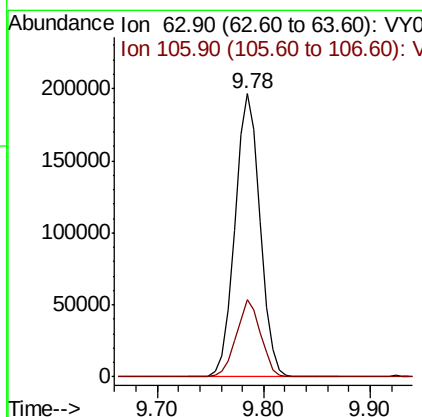
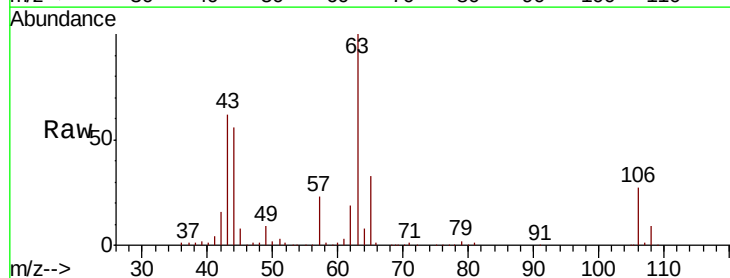
Manual Integrations  
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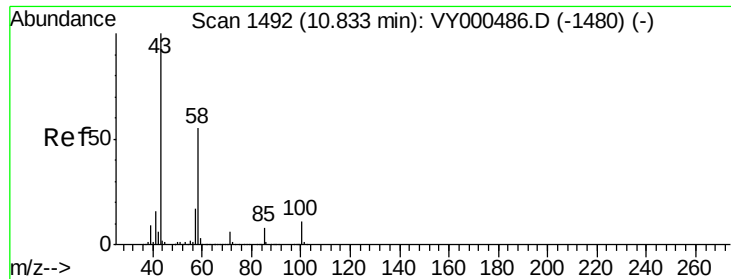
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 11/20/2019 9:57:19 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 243.765 ug/l  
 RT: 9.78 min Scan# 1320  
 Delta R.T. -0.01 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

Tgt Ion: 63 Resp: 324678  
 Ion Ratio Lower Upper  
 63 100  
 106 26.5 22.6 33.8





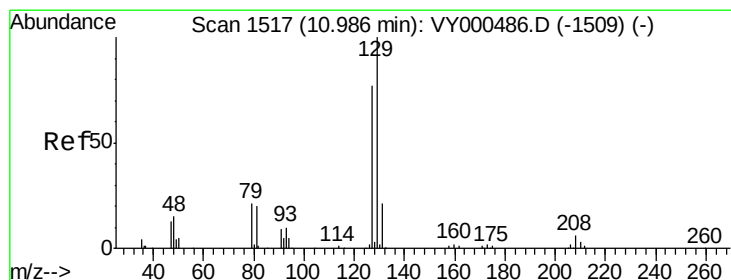
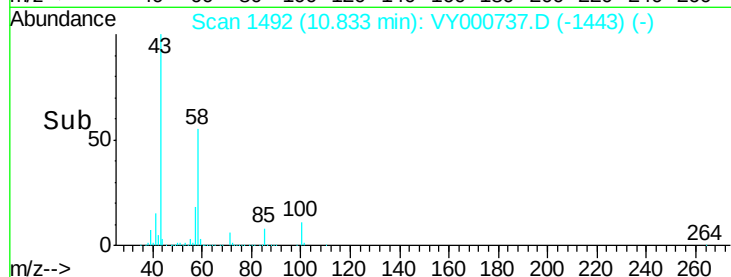
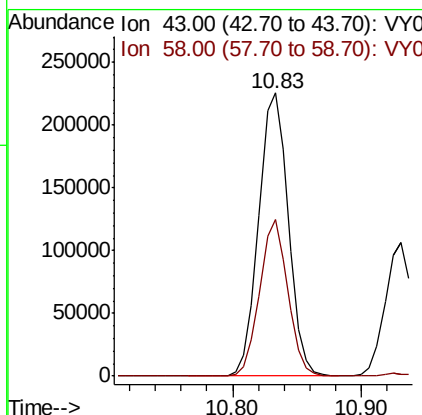
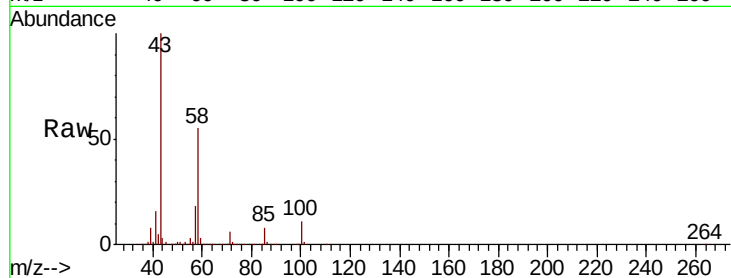
#59  
2-Hexanone  
Concen: 228.984 ug/l  
RT: 10.83 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 358274  
Ion Ratio Lower Upper  
43 100  
58 52.6 27.1 81.3

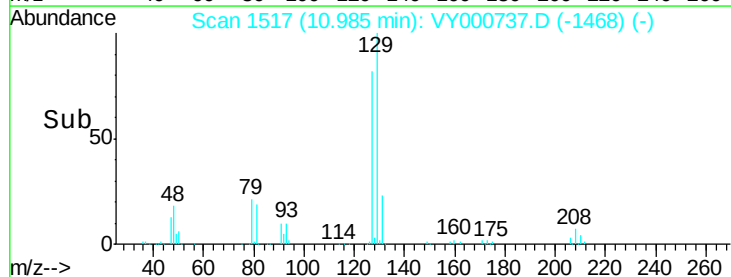
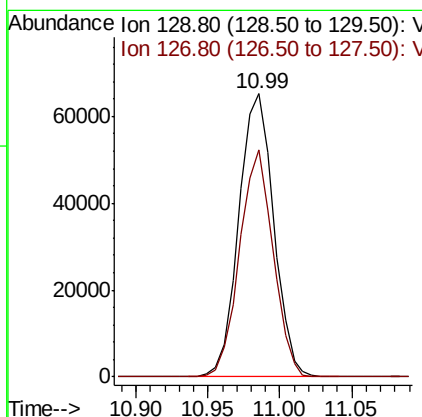
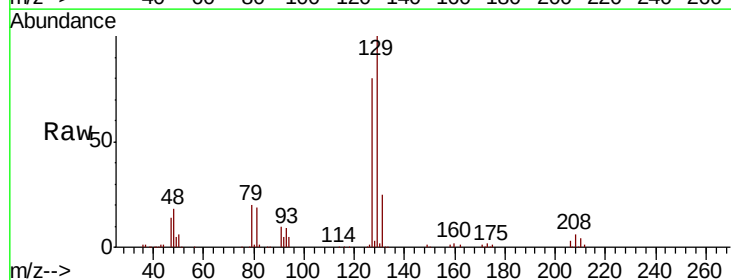
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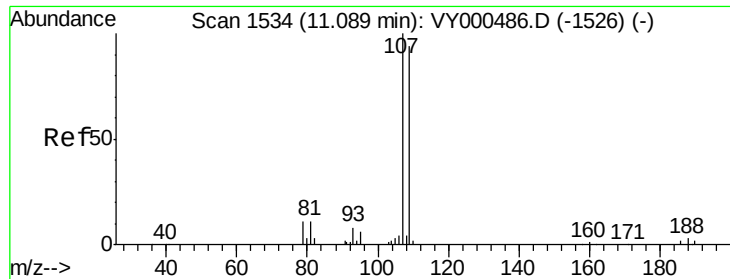
MMDadoda  
11/20/2019 9:57:19 AM



#60  
Dibromochloromethane  
Concen: 46.010 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Tgt Ion: 129 Resp: 109548  
Ion Ratio Lower Upper  
129 100  
127 77.0 39.1 117.2





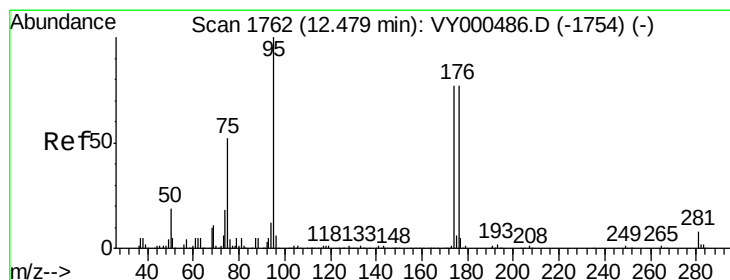
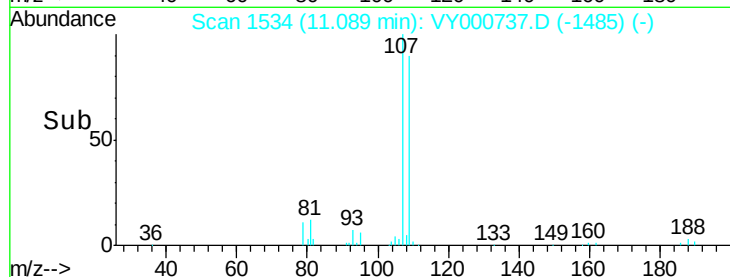
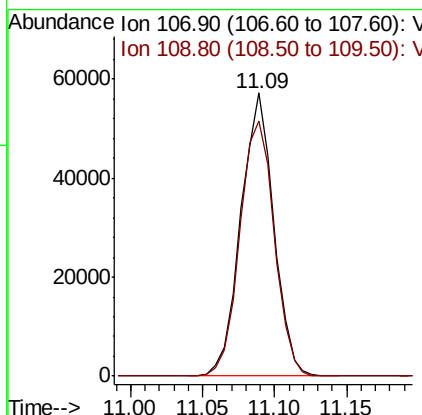
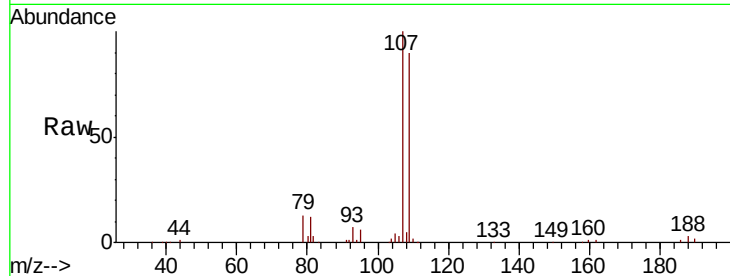
#61  
 1,2-Dibromoethane  
 Concen: 45.292 ug/l  
 RT: 11.09 min Scan# 1534  
 Delta R.T. -0.00 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.6  | 73.6  | 110.4 |

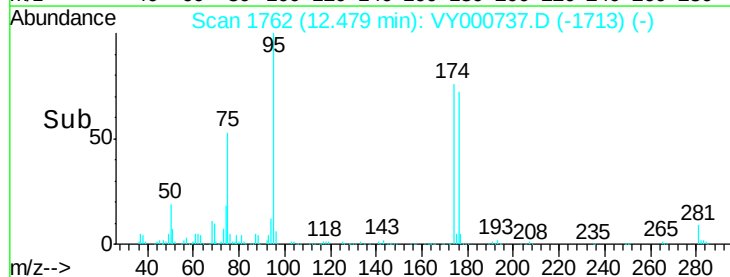
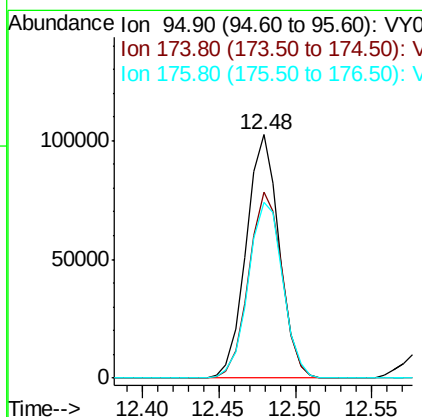
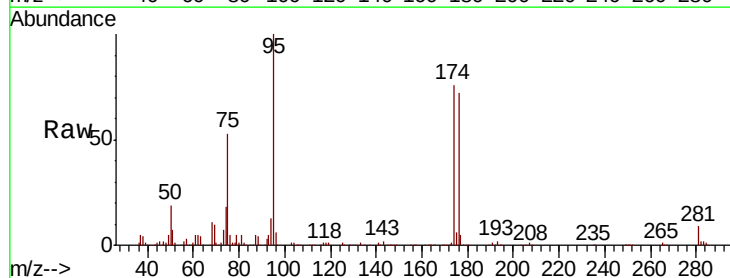
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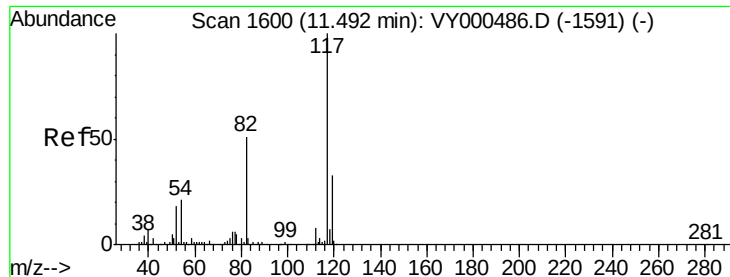
MMDadoda  
 11/20/2019 9:57:19 AM



#62  
 4-Bromofluorobenzene  
 Concen: 47.248 ug/l  
 RT: 12.48 min Scan# 1762  
 Delta R.T. -0.00 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 77.7  | 0.0   | 161.6 |
| 176     | 75.5  | 0.0   | 157.8 |





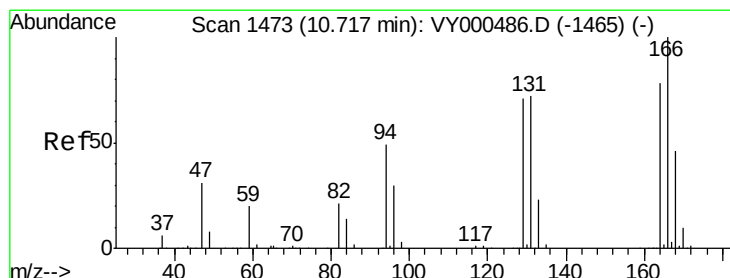
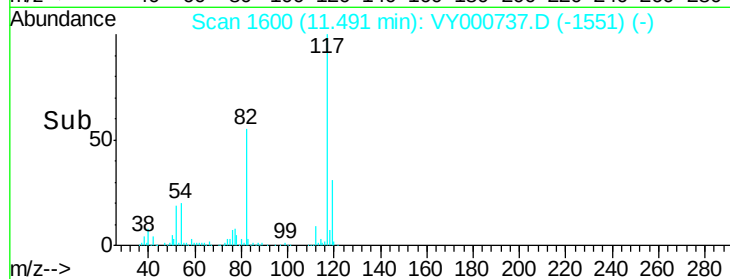
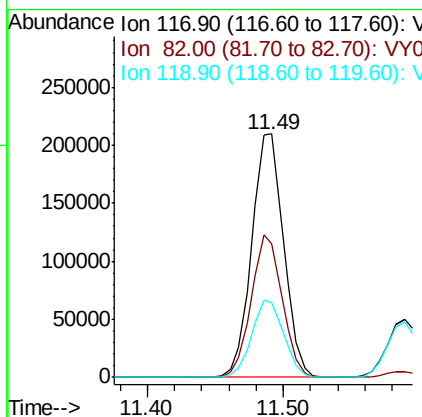
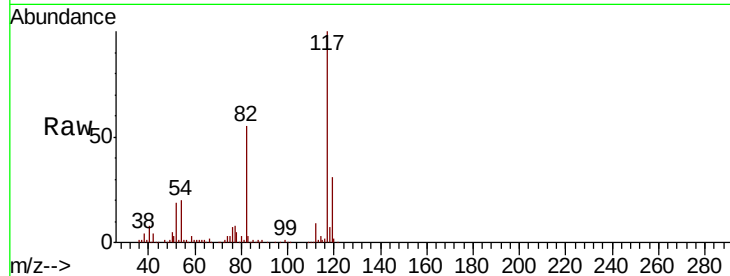
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.0  | 40.8  | 61.2  |
| 119     | 30.6  | 26.2  | 39.2  |

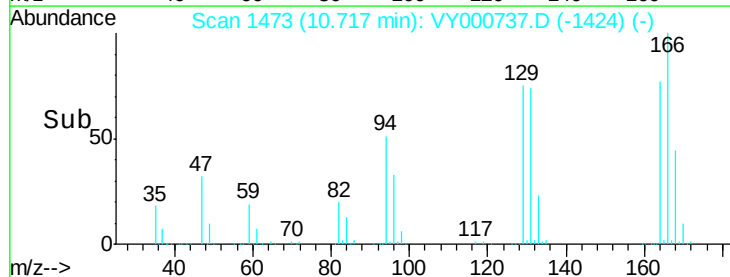
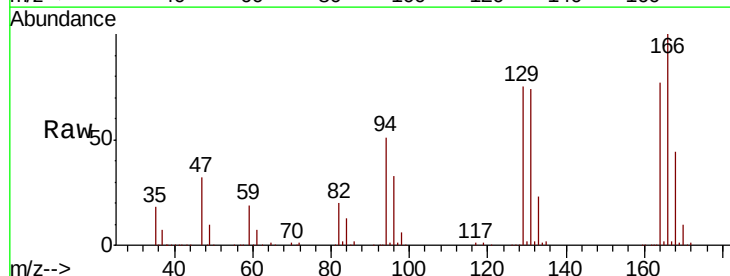
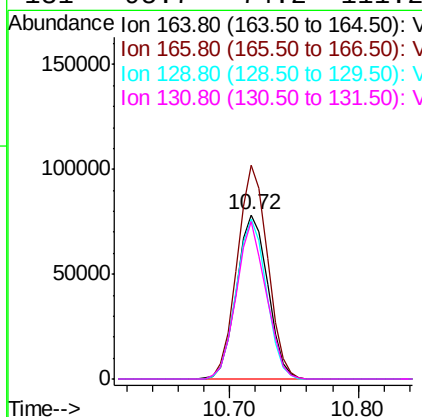
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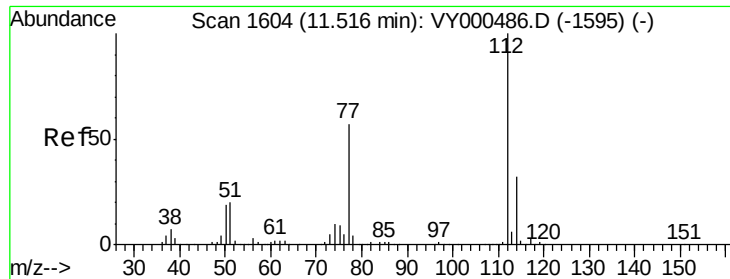
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11/20/2019 9:57:19 AM



#64  
Tetrachloroethene  
Concen: 45.921 ug/l  
RT: 10.72 min Scan# 1473  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.9 | 102.7 | 154.1 |
| 129     | 97.2  | 73.2  | 109.8 |
| 131     | 95.7  | 74.2  | 111.2 |





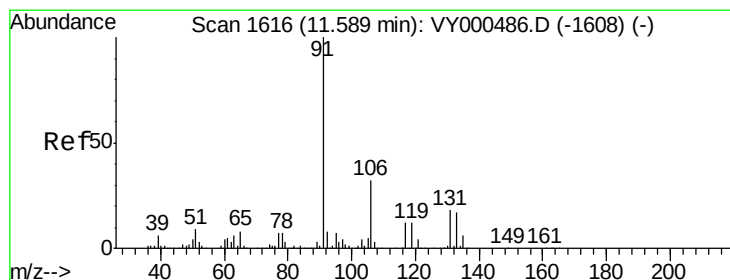
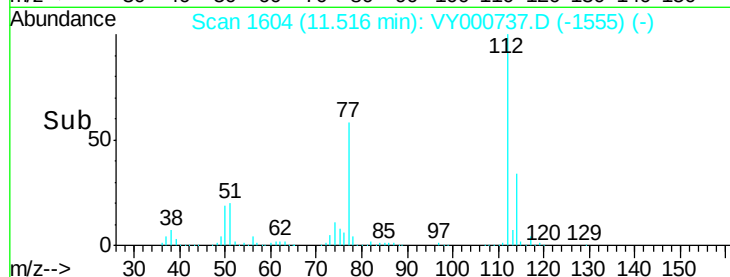
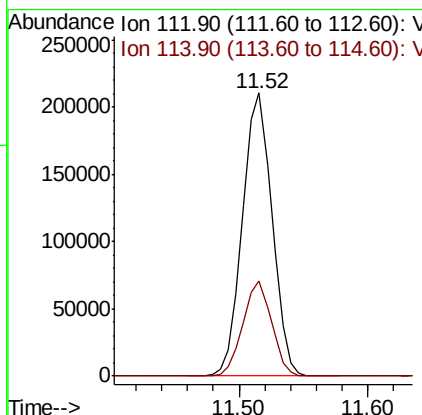
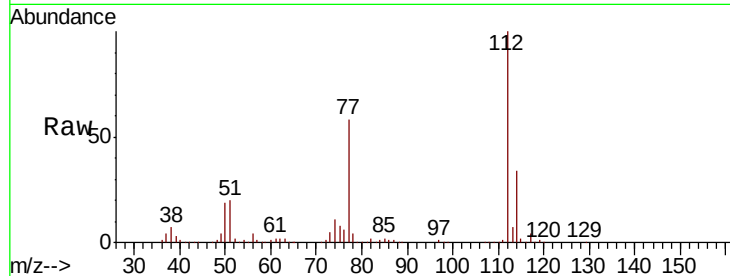
#65  
Chlorobenzene  
Concen: 47.682 ug/l  
RT: 11.52 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 334377  
Ion Ratio Lower Upper  
112 100  
114 33.7 25.3 37.9

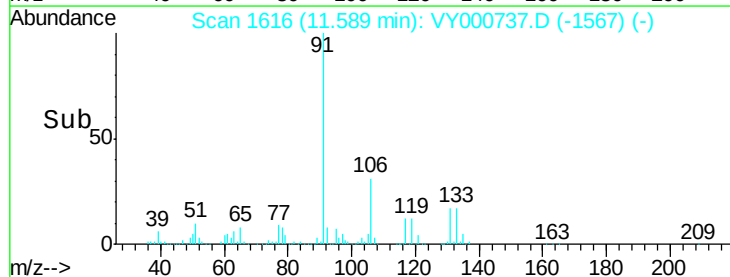
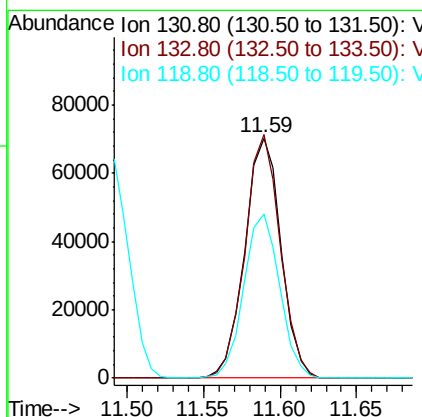
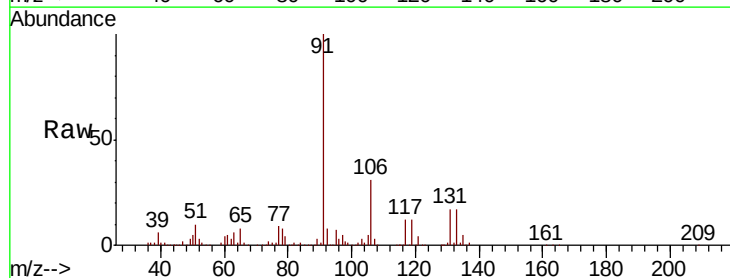
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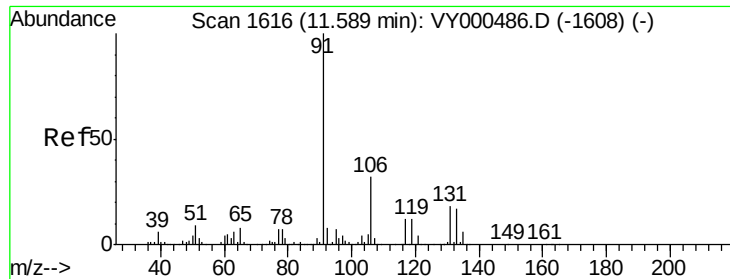
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.626 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Tgt Ion:131 Resp: 115829  
Ion Ratio Lower Upper  
131 100  
133 98.8 47.9 143.8  
119 67.6 33.1 99.3





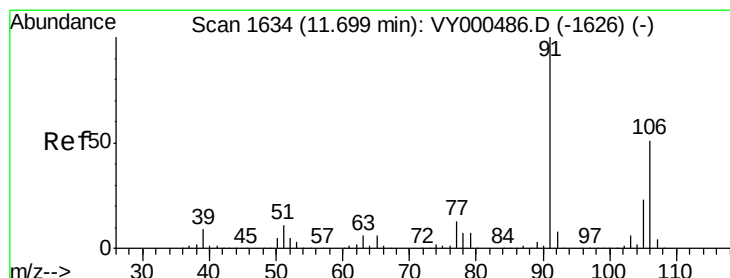
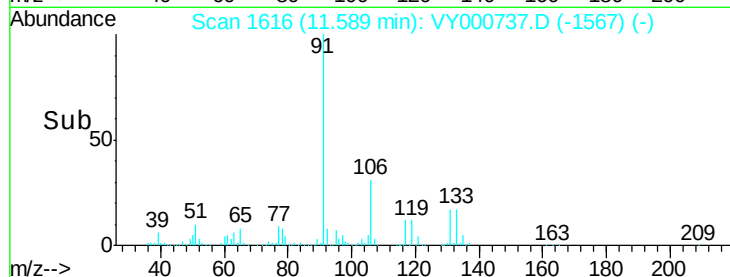
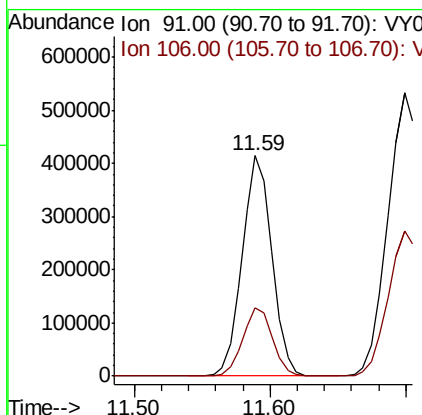
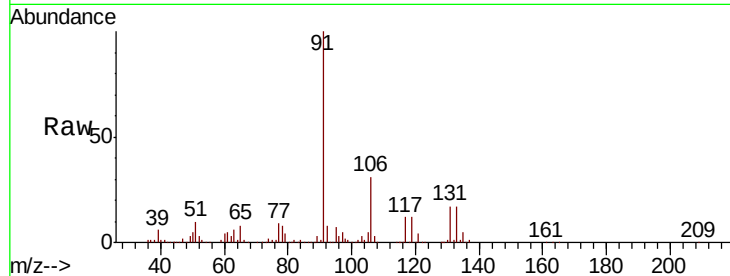
#67  
Ethyl Benzene  
Concen: 48.904 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 631167  
Ion Ratio Lower Upper  
91 100  
106 30.9 25.4 38.0

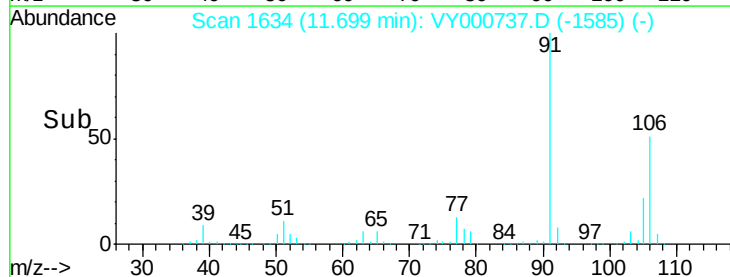
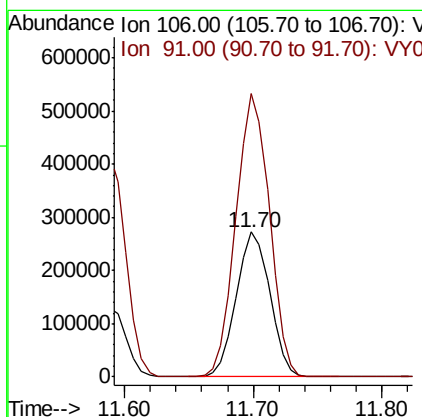
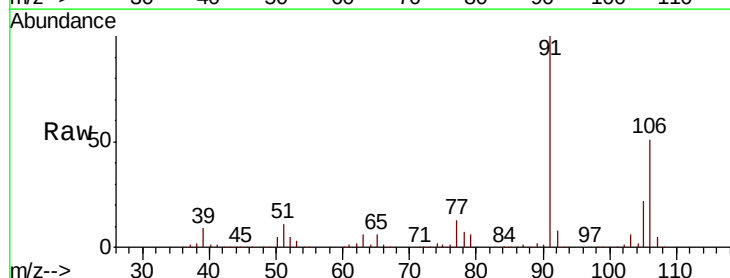
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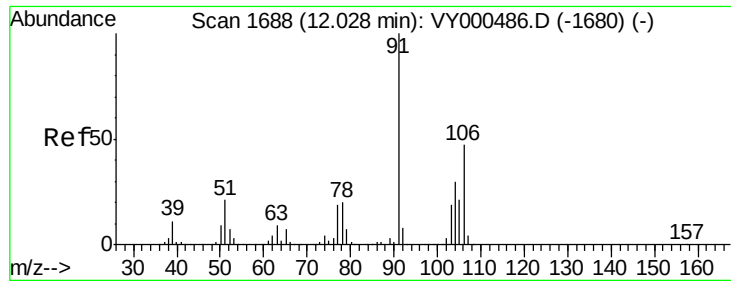
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#68  
m/p-Xylenes  
Concen: 98.480 ug/l  
RT: 11.70 min Scan# 1634  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Tgt Ion: 106 Resp: 491929  
Ion Ratio Lower Upper  
106 100  
91 195.8 155.9 233.9





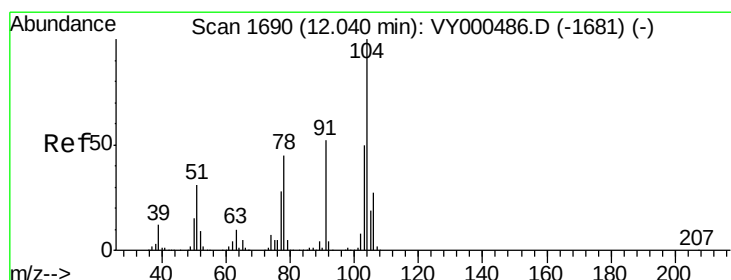
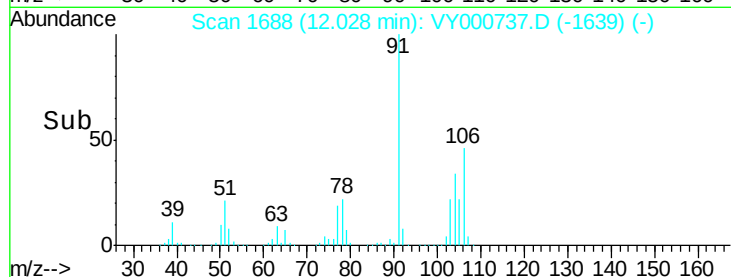
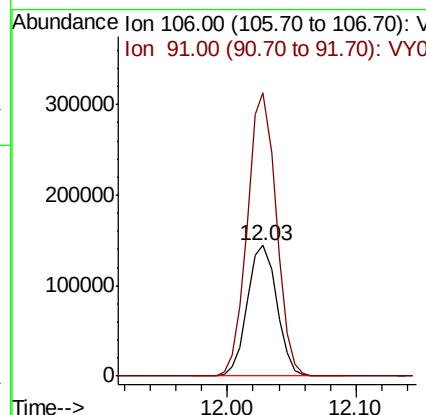
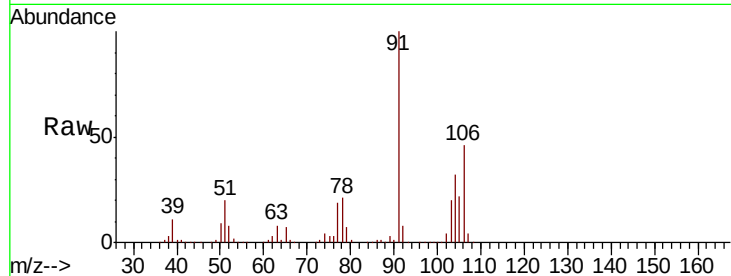
#69  
o-Xylene  
Concen: 48.471 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 227554 |       |       |
| 91      | 211.7 | 106.5 | 319.6  |       |       |

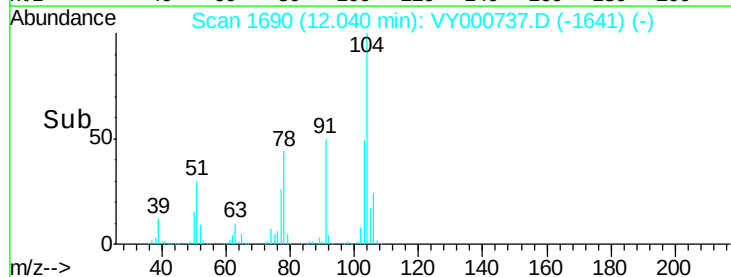
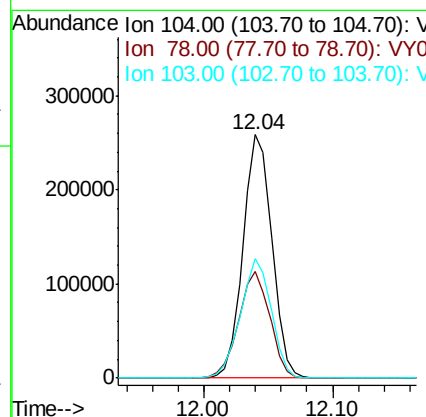
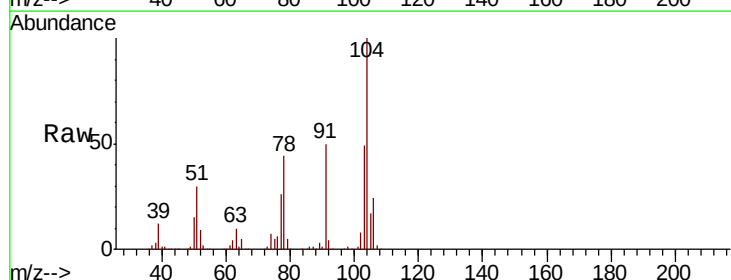
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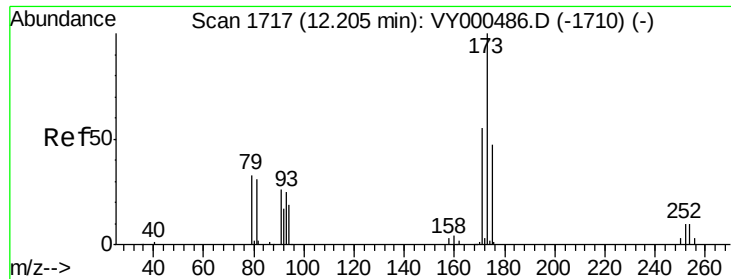


#70  
Styrene  
Concen: 49.876 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       | 400947 |       |       |
| 78      | 47.7 | 39.0  | 58.4   |       |       |
| 103     | 52.3 | 42.5  | 63.7   |       |       |







#71

Bromoform

Concen: 46.224 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Instrument :

MSVOA\_Y

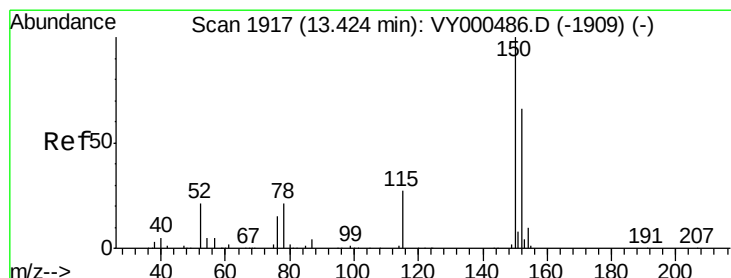
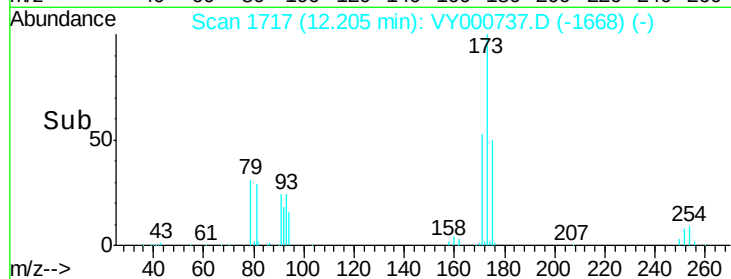
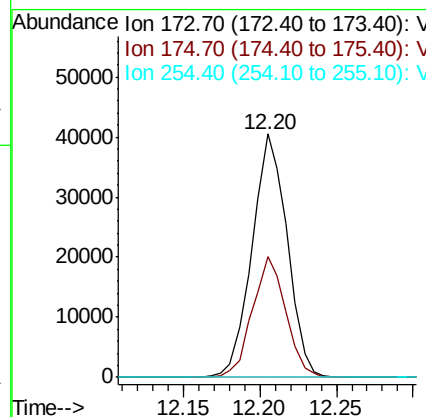
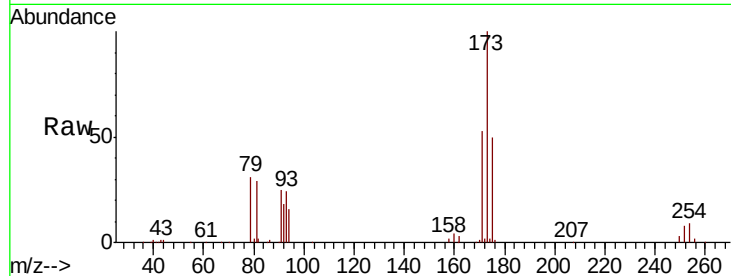
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.2  | 24.4  | 73.2  |
| 254     | 0.0   | 0.1   | 0.1   |

Manual Integrations  
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11/20/2019 9:57:19 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

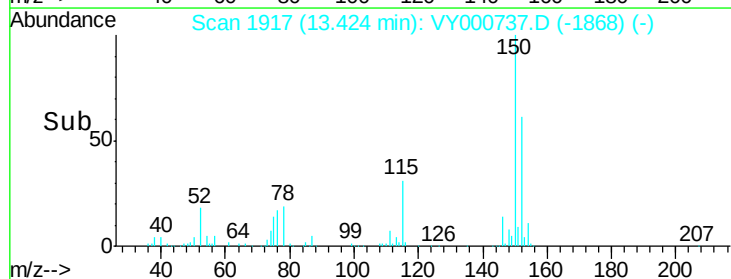
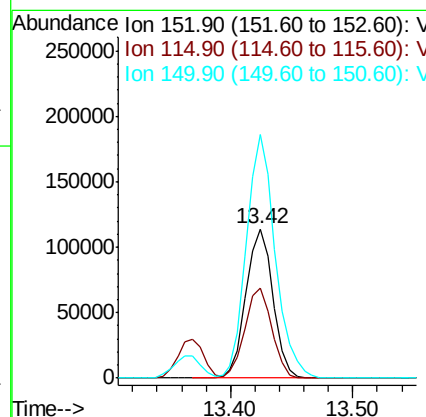
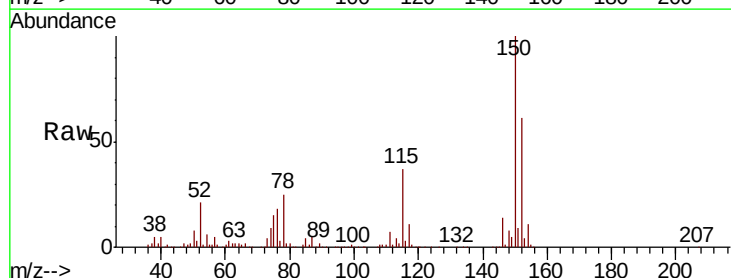
RT: 13.42 min Scan# 1917

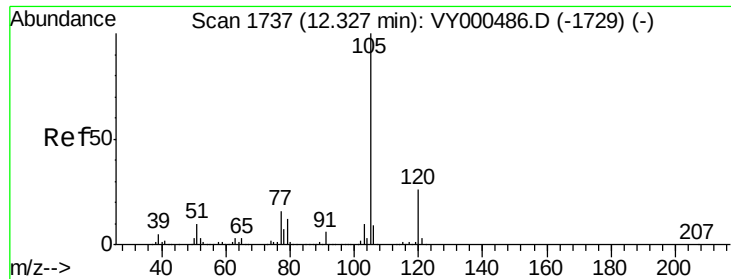
Delta R.T. -0.00 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 60.0  | 29.1  | 87.4  |
| 150     | 174.6 | 0.0   | 348.8 |





#73

Isopropylbenzene

Concen: 48.662 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 624991

Ion Ratio Lower Upper

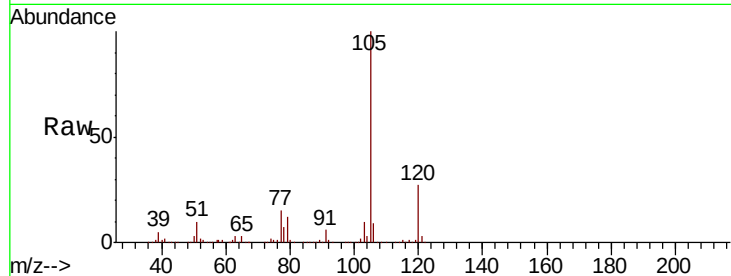
105 100

120 27.1 13.5 40.4

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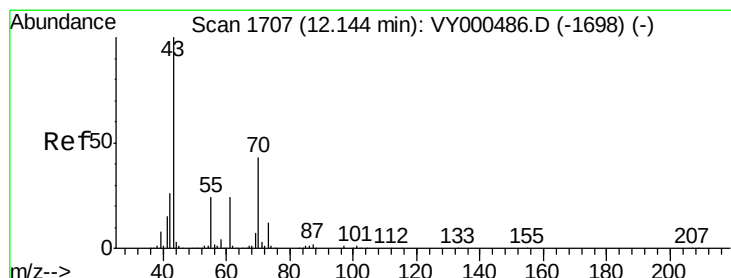
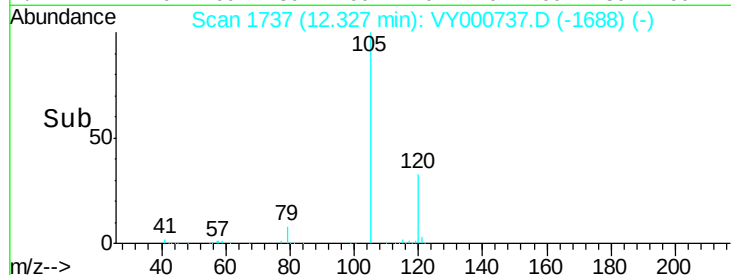
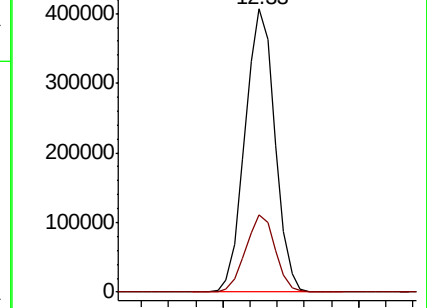
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.312 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Tgt Ion: 43 Resp: 170353

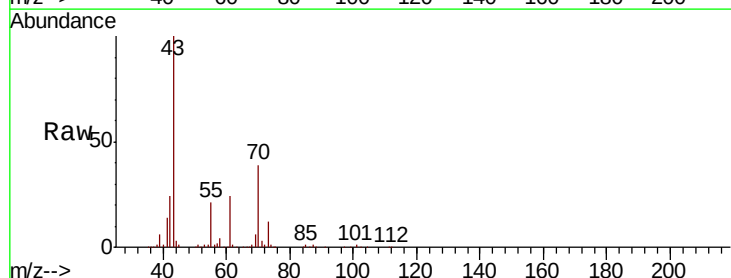
Ion Ratio Lower Upper

43 100

70 40.4 33.1 49.7

55 22.9 18.0 27.0

61 24.2 19.1 28.7

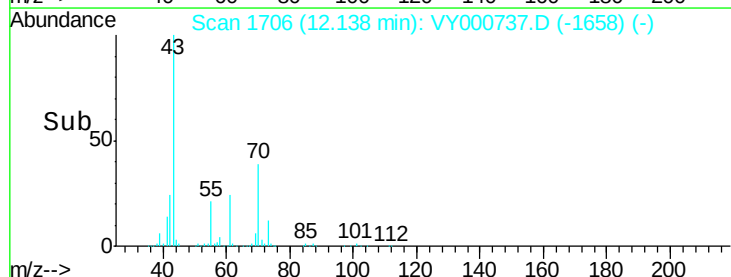
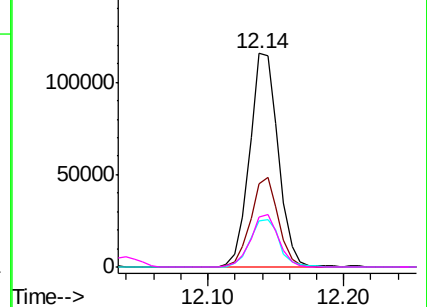


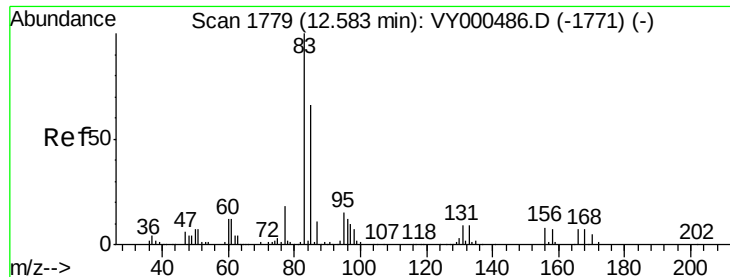
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.742 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Instrument :

MSVOA\_Y

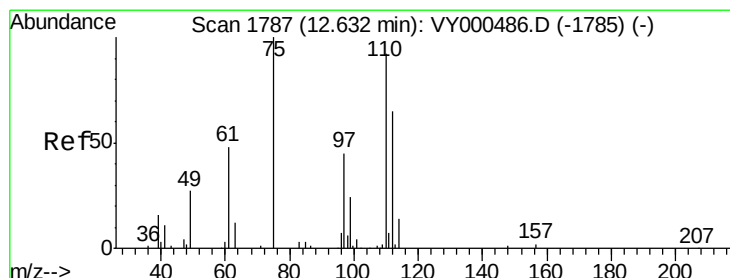
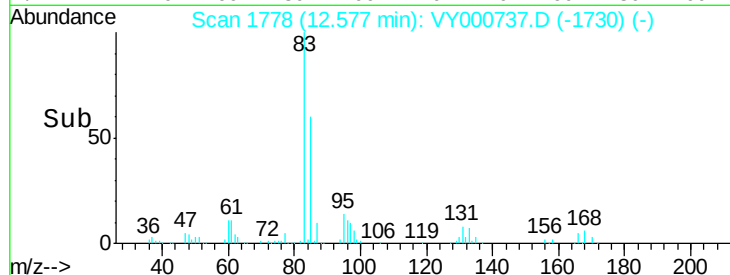
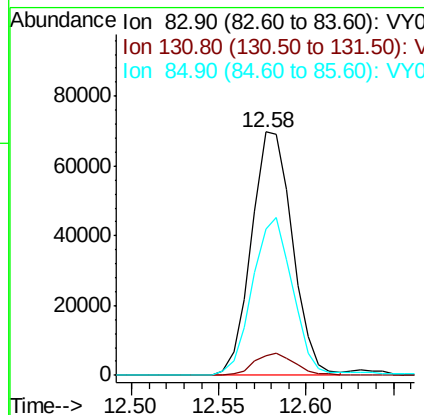
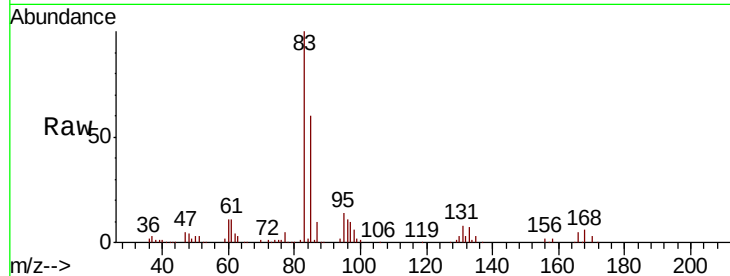
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 113779 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.2   | 5.0   | 14.9   |
| 85        | 63.8  | 32.3  | 96.9   |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 43.146 ug/l m

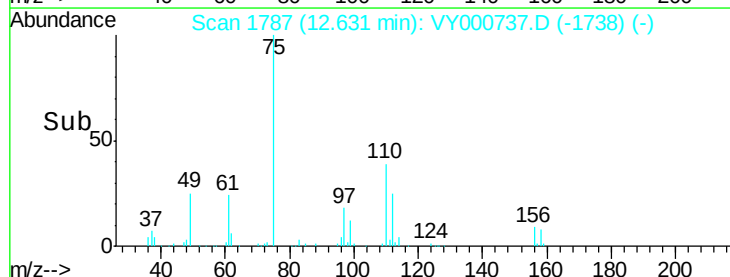
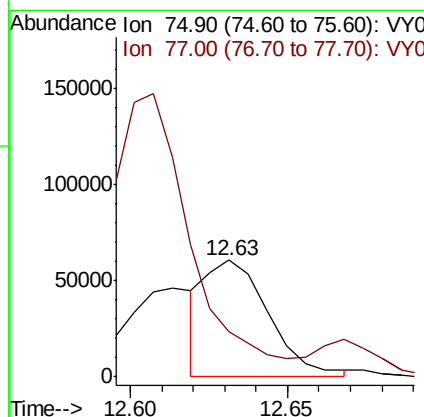
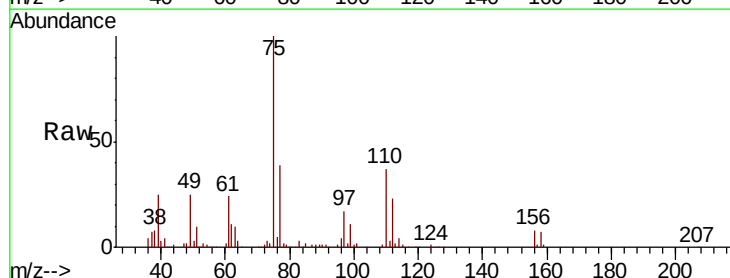
RT: 12.63 min Scan# 1787

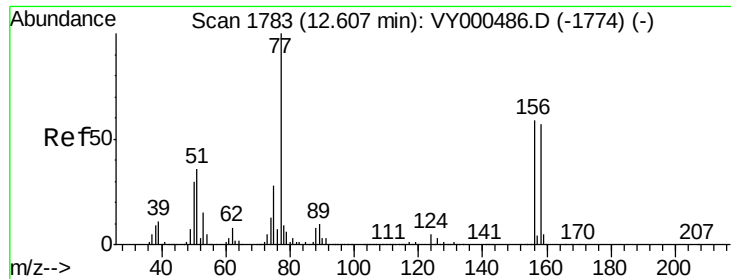
Delta R.T. -0.00 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 85373 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 46.059 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Instrument :

MSVOA\_Y

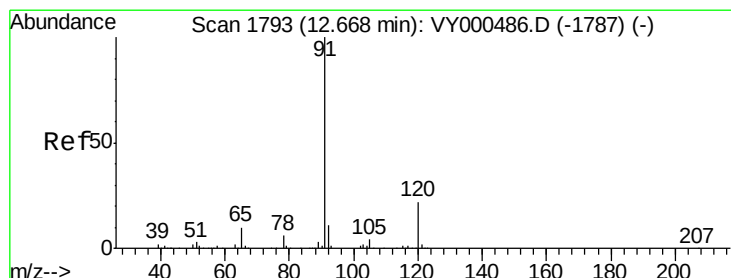
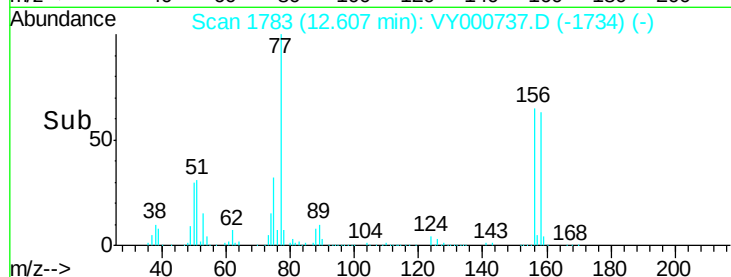
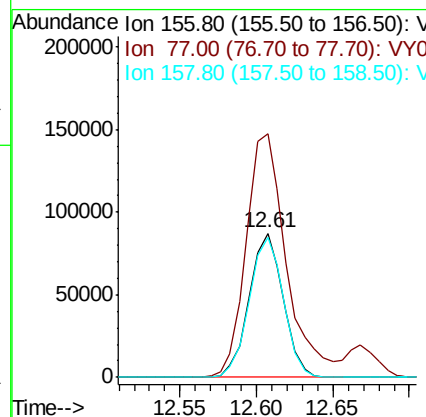
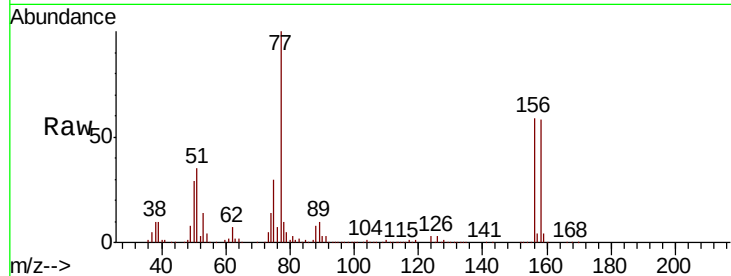
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 134146 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 200.1 | 98.2  | 294.4  |
| 158       | 98.2  | 49.6  | 149.0  |

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#78

n-propylbenzene

Concen: 49.439 ug/l

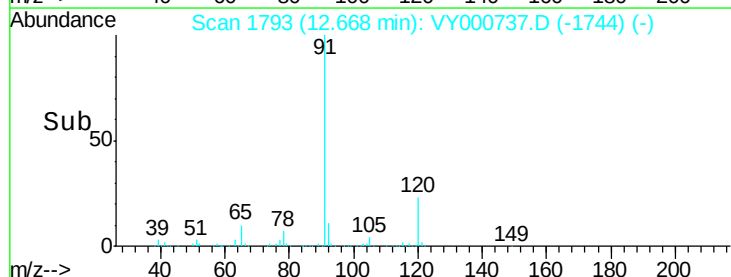
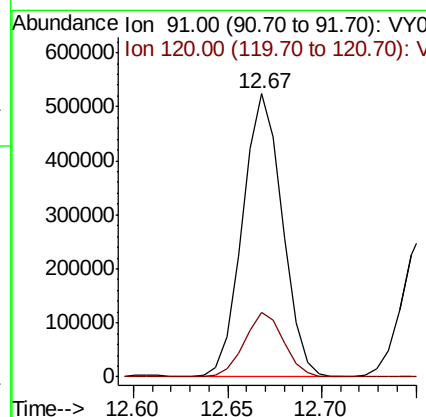
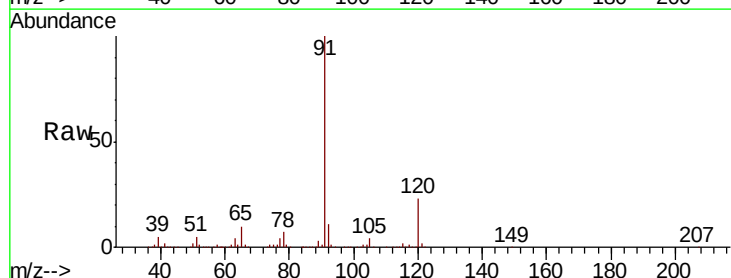
RT: 12.67 min Scan# 1793

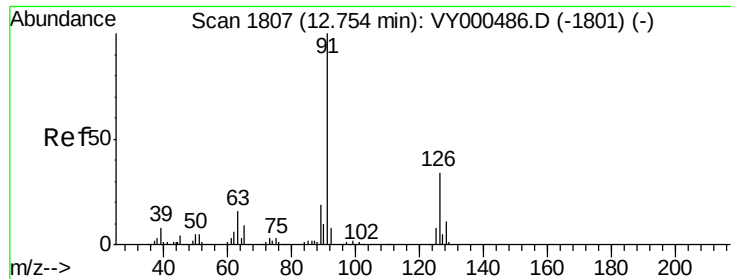
Delta R.T. -0.00 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 766134 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.5  | 11.4  | 34.1   |





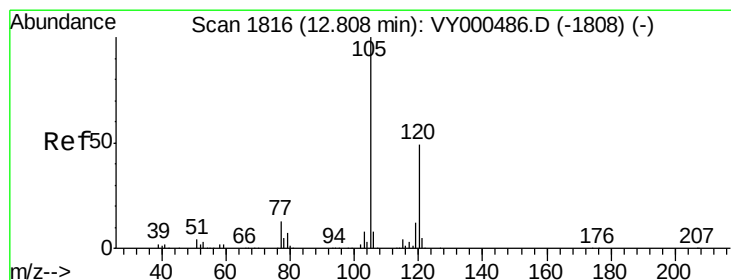
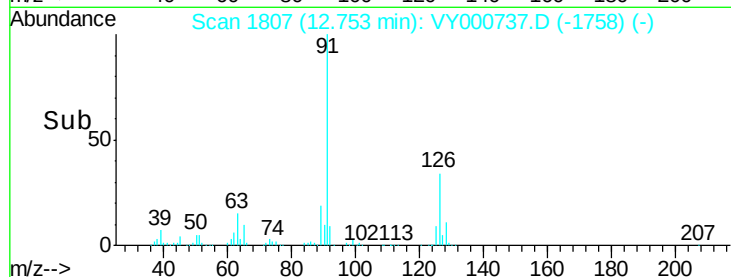
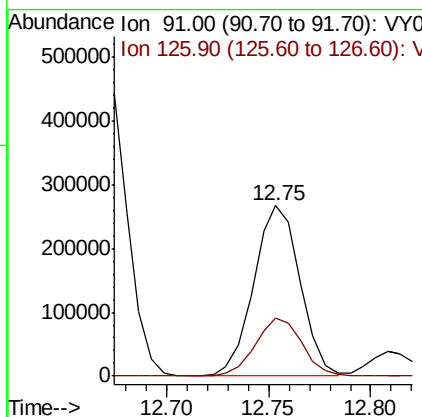
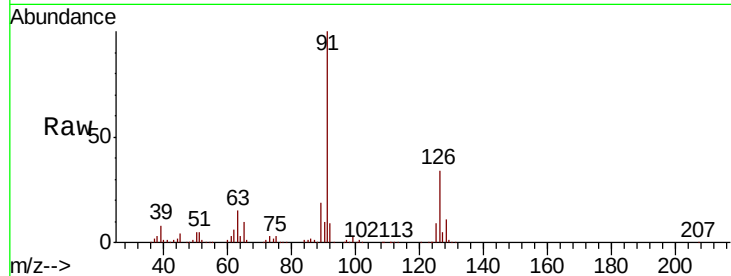
#79  
 2-Chlorotoluene  
 Concen: 48.921 ug/l  
 RT: 12.75 min Scan# 1807  
 Delta R.T. -0.00 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 91 Resp: 420872  
 Ion Ratio Lower Upper  
 91 100  
 126 34.0 17.7 53.1

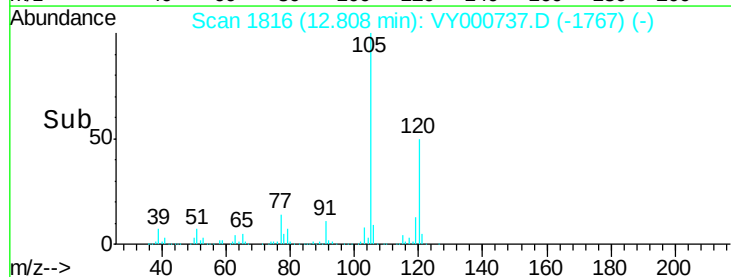
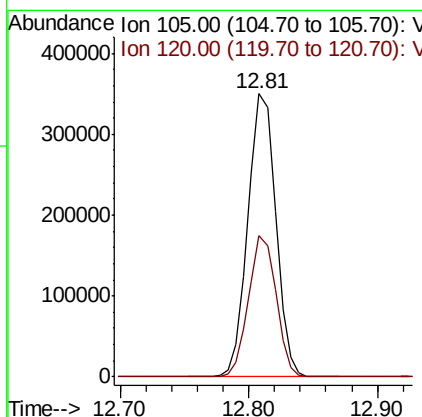
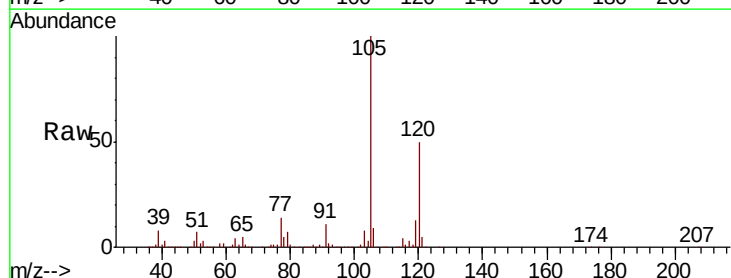
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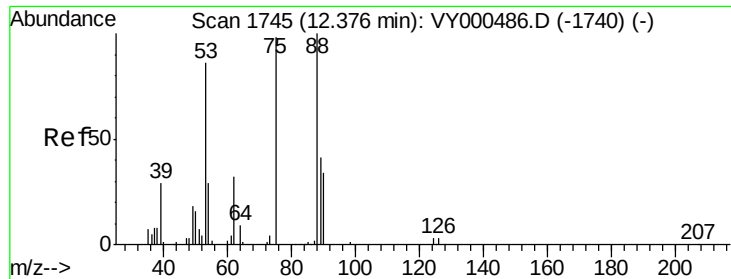
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 48.881 ug/l  
 RT: 12.81 min Scan# 1816  
 Delta R.T. -0.00 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

Tgt Ion: 105 Resp: 522859  
 Ion Ratio Lower Upper  
 105 100  
 120 49.3 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.964 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 42328

Ion Ratio Lower Upper

75 100

53 83.3 73.2 109.8

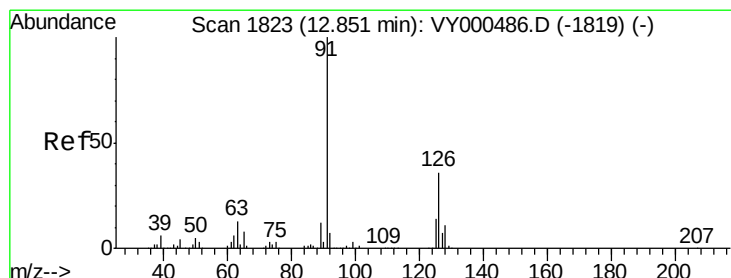
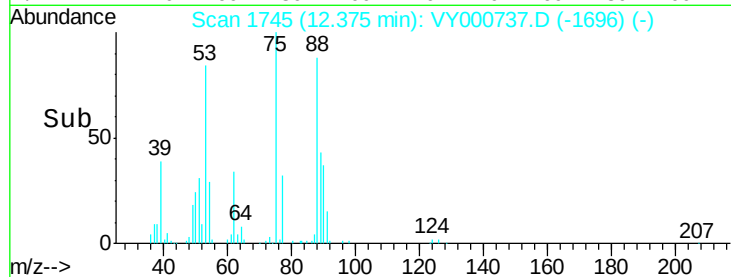
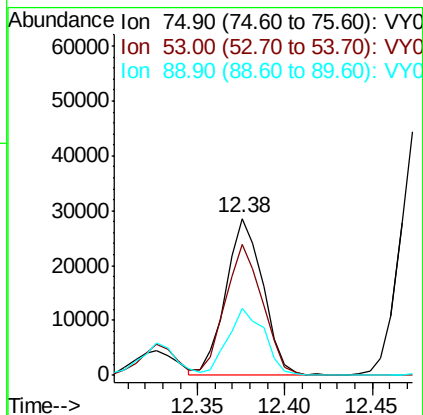
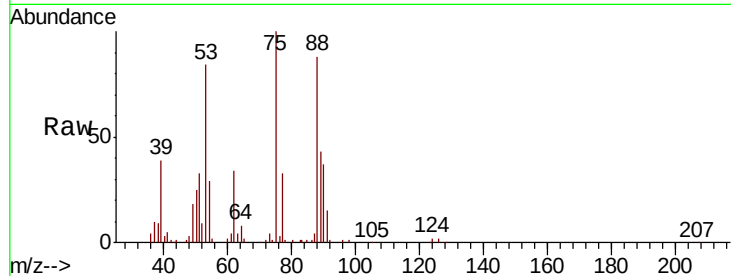
89 41.9 35.9 53.9

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#82

4-Chlorotoluene

Concen: 49.282 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000737.D

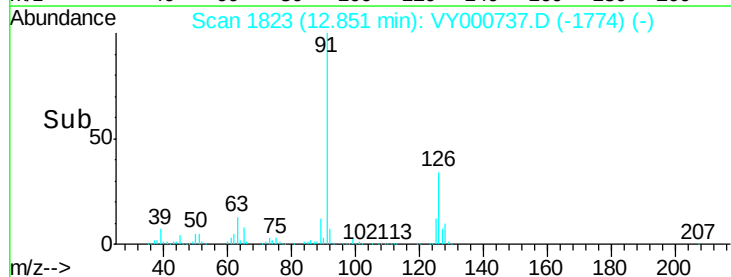
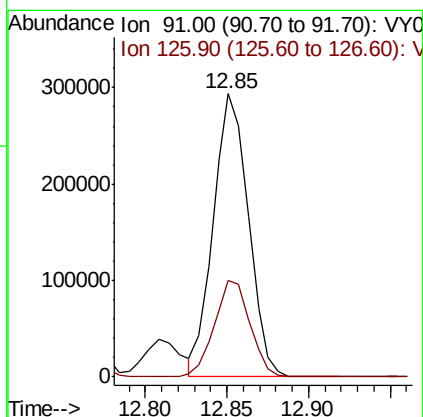
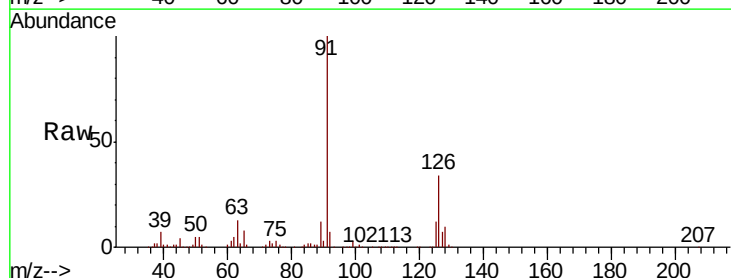
Acq: 19 Nov 2019 10:50

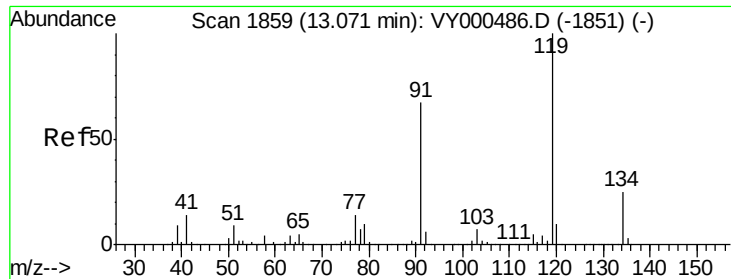
Tgt Ion: 91 Resp: 439484

Ion Ratio Lower Upper

91 100

126 34.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 50.391 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Instrument :

MSVOA\_Y

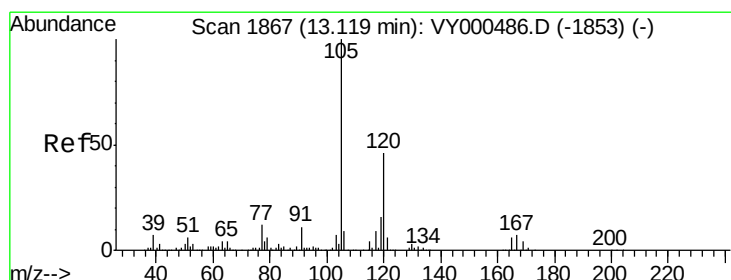
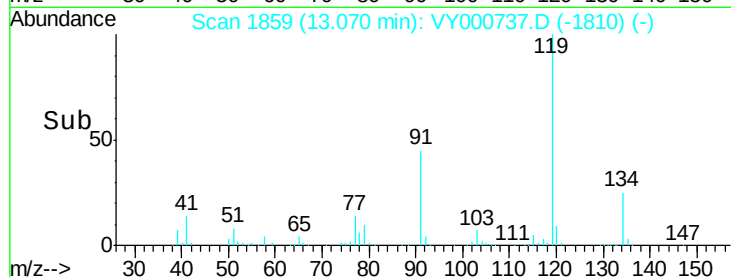
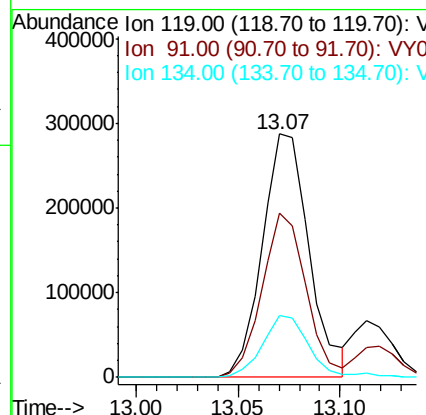
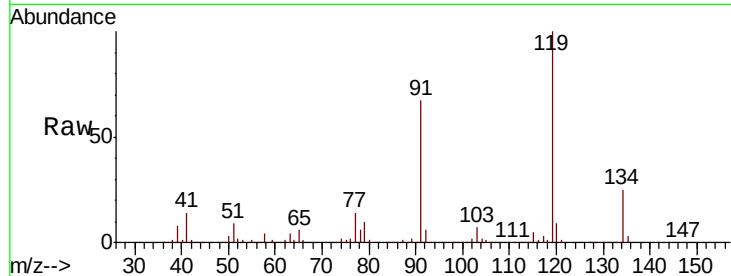
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 460230 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 63.5  | 32.1  | 96.3   |
| 134       | 25.4  | 13.2  | 39.5   |

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#84

1,2,4-Trimethylbenzene

Concen: 50.273 ug/l

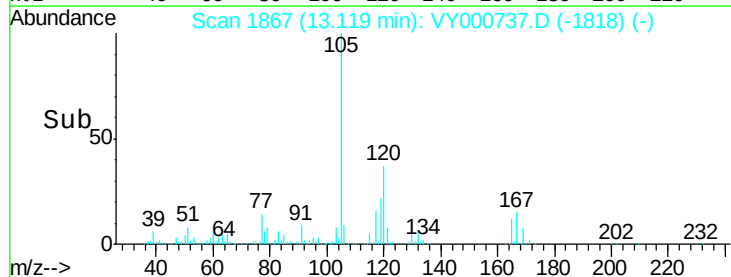
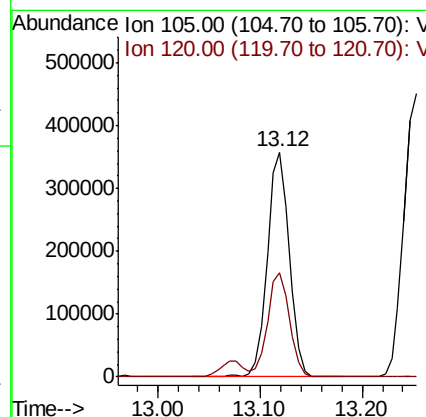
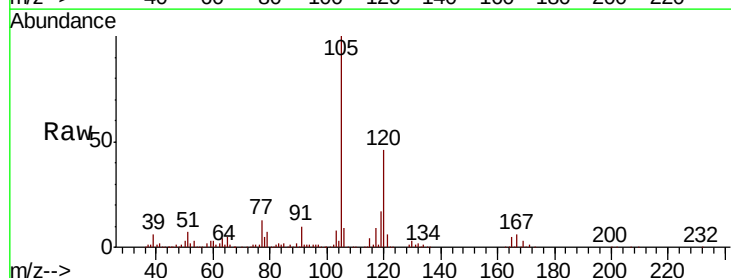
RT: 13.12 min Scan# 1867

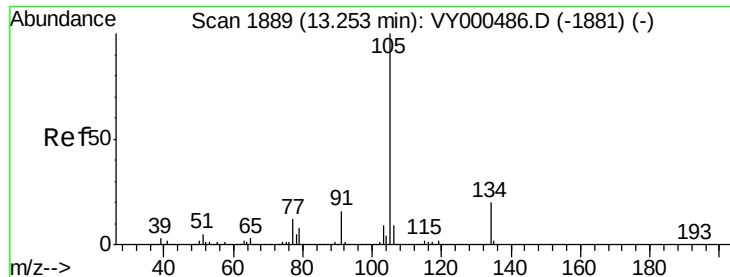
Delta R.T. -0.00 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 535417 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 46.3  | 23.3  | 69.9   |





#85

sec-Butylbenzene

Concen: 51.011 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 663771

Ion Ratio Lower Upper

105 100

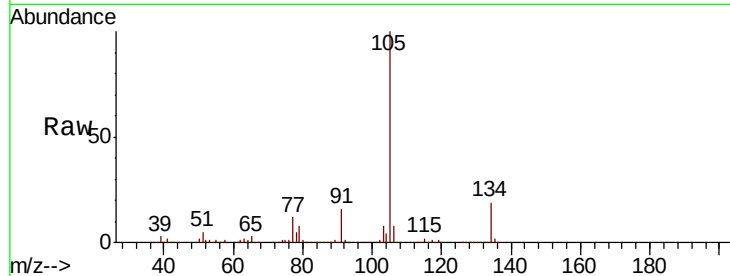
134 20.0 10.1 30.1

Manual Integrations

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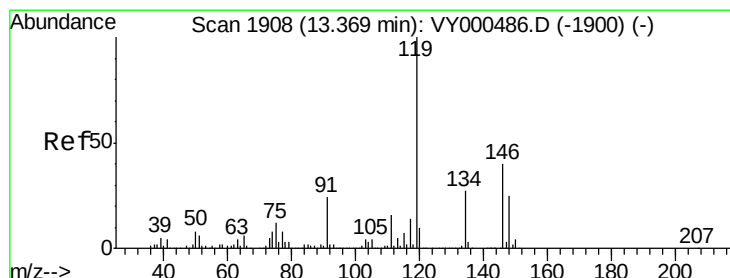
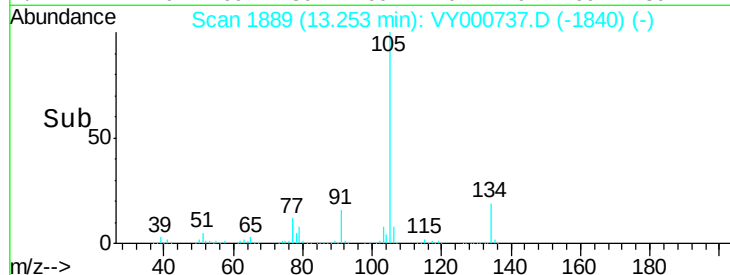
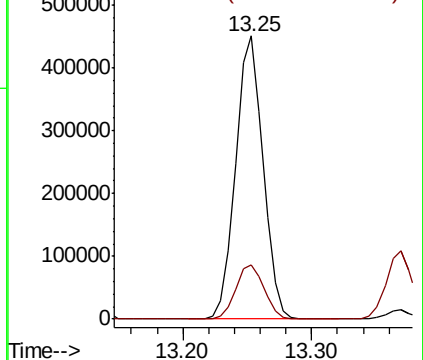
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.817 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000737.D

Acq: 19 Nov 2019 10:50

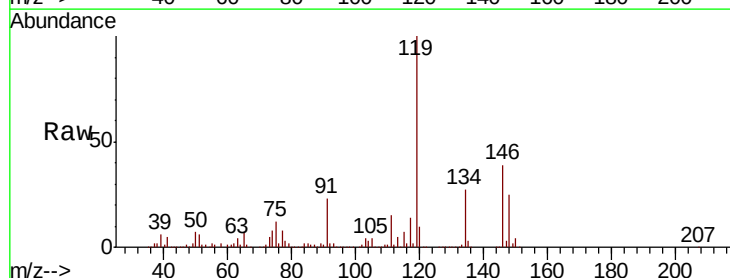
Tgt Ion:119 Resp: 577737

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

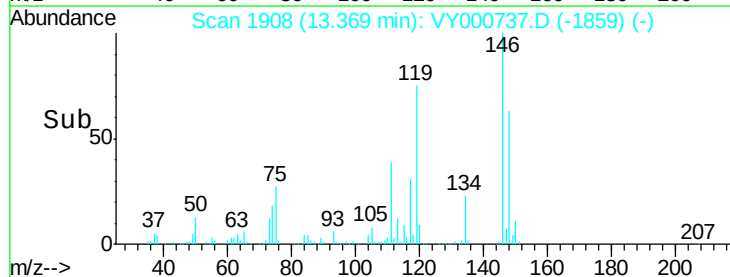
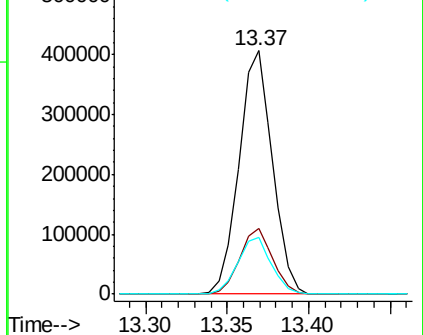
91 23.4 12.0 36.1



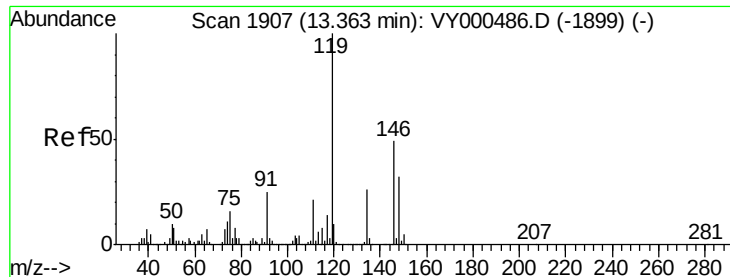
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0







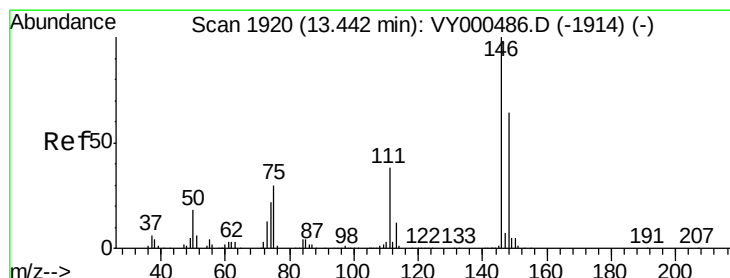
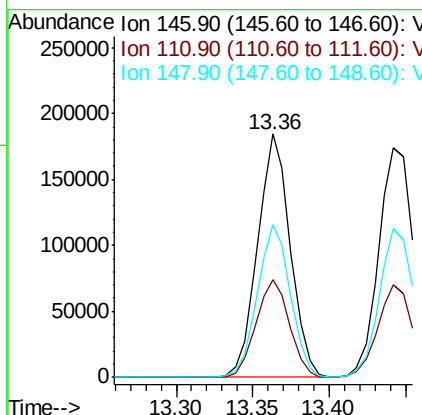
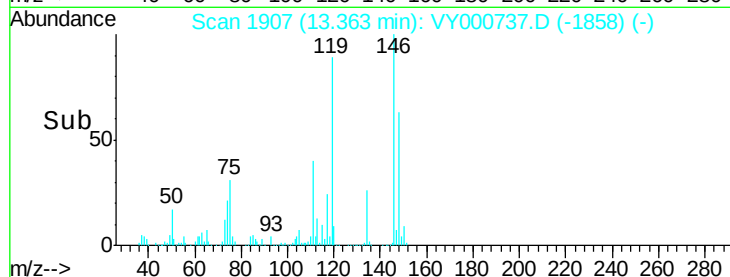
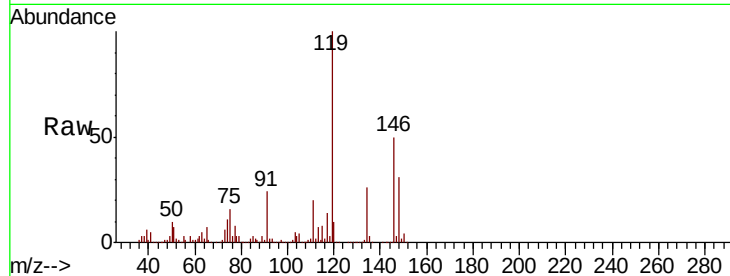
#87  
 1,3-Dichlorobenzene  
 Concen: 47.976 ug/l  
 RT: 13.36 min Scan# 1907  
 Delta R.T. -0.00 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 273691 |       |       |
| 111     | 41.2  | 20.3   | 60.8  |       |
| 148     | 63.5  | 31.5   | 94.5  |       |

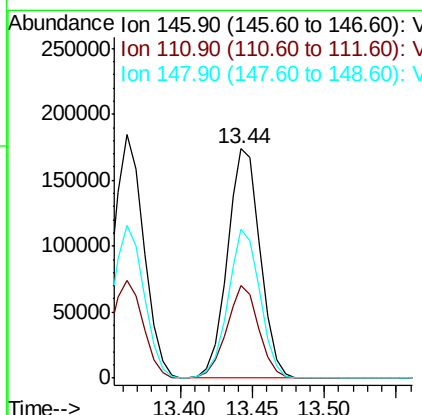
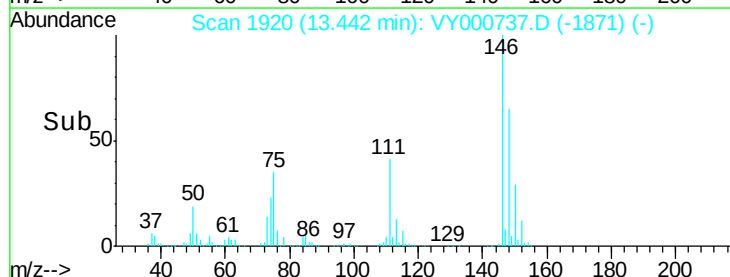
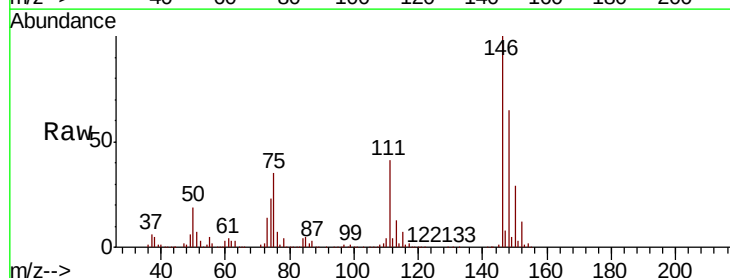
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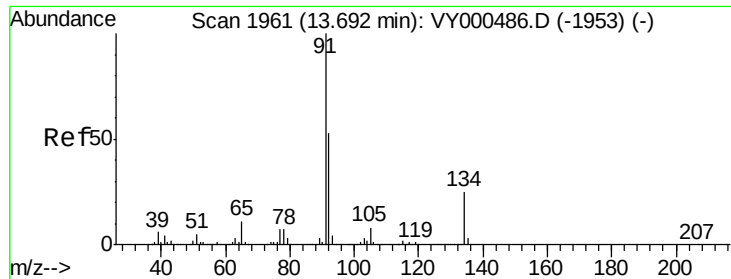
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#88  
 1,4-Dichlorobenzene  
 Concen: 48.401 ug/l  
 RT: 13.44 min Scan# 1920  
 Delta R.T. -0.00 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 275912 |       |       |
| 111     | 39.6  | 19.7   | 59.0  |       |
| 148     | 63.3  | 31.9   | 95.7  |       |





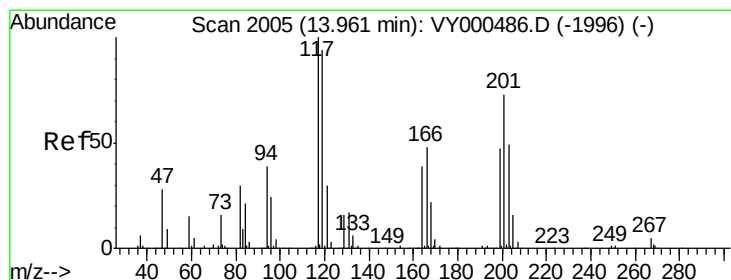
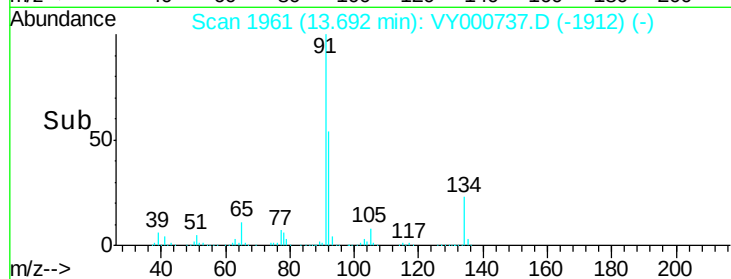
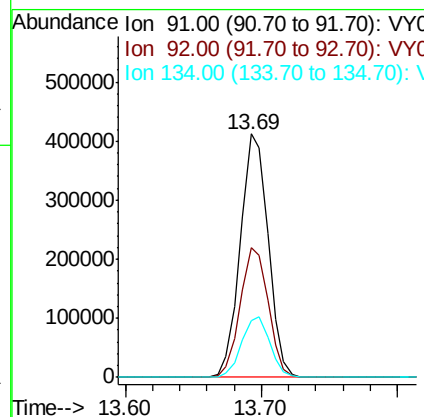
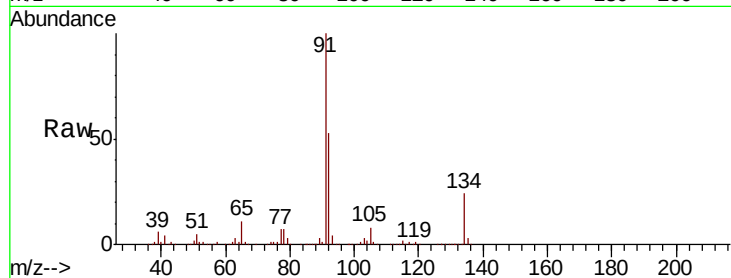
#89  
n-Butylbenzene  
Concen: 51.473 ug/l  
RT: 13.69 min Scan# 1961  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.8  | 26.8  | 80.3  |
| 134     | 25.2  | 12.9  | 38.7  |

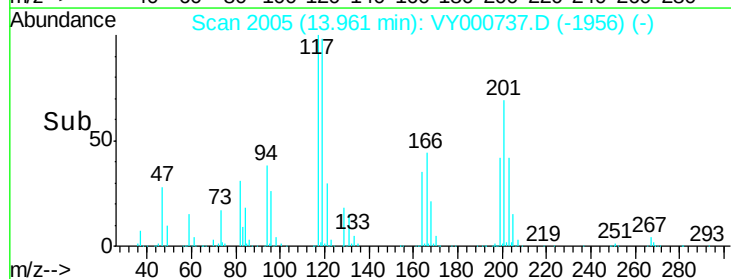
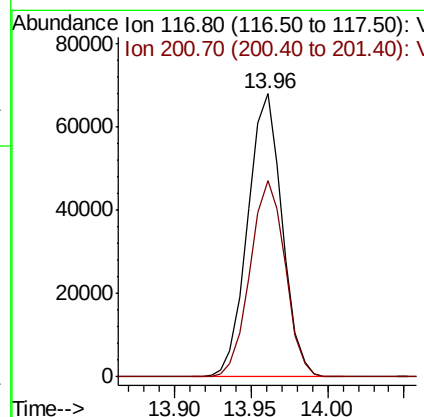
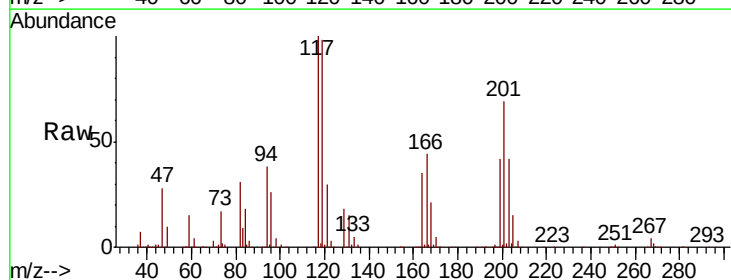
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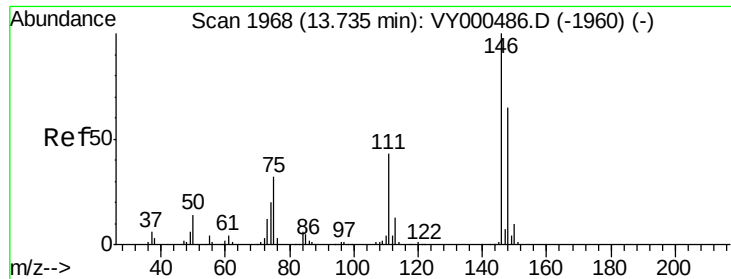
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#90  
Hexachloroethane  
Concen: 49.528 ug/l  
RT: 13.96 min Scan# 2005  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 70.7  | 35.8  | 107.3 |





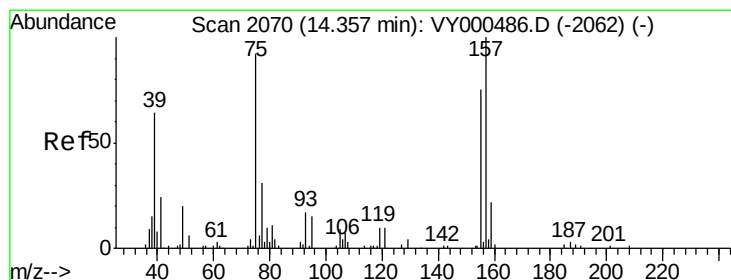
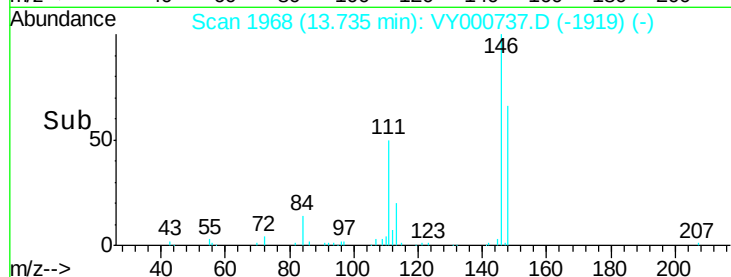
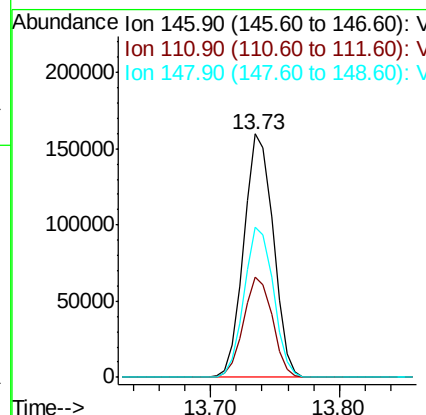
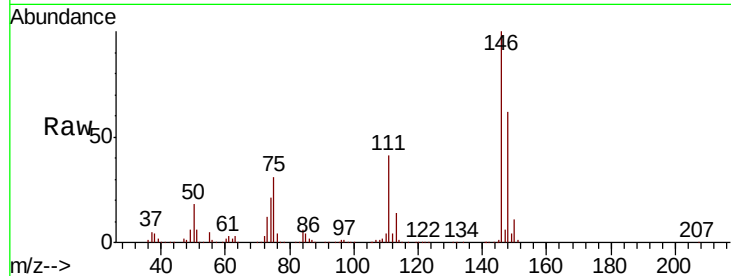
#91  
 1,2-Dichlorobenzene  
 Concen: 48.712 ug/l  
 RT: 13.73 min Scan# 1968  
 Delta R.T. -0.00 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.4  | 20.5  | 61.5  |
| 148     | 61.5  | 31.7  | 95.1  |

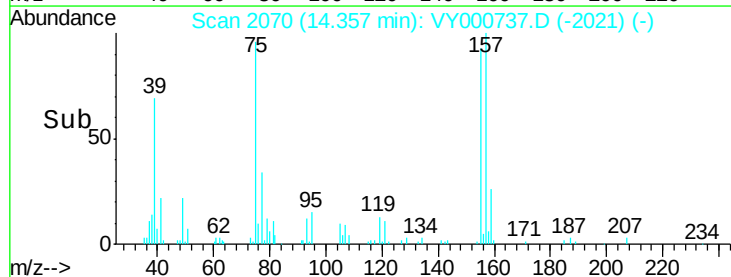
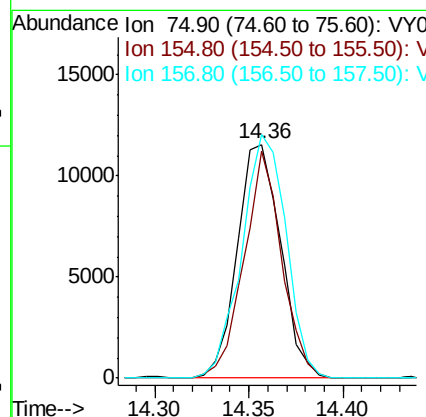
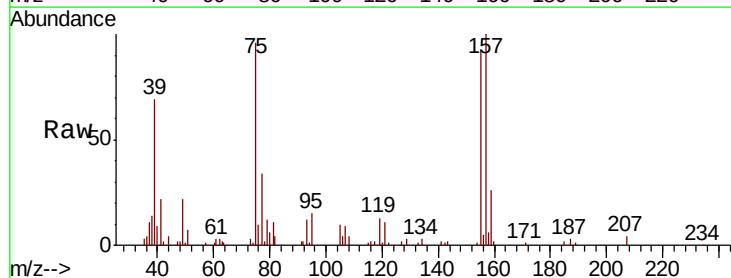
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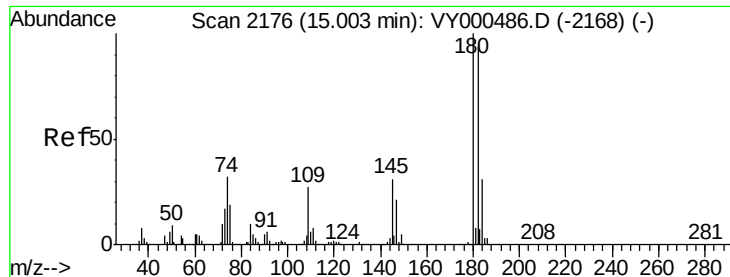
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 41.010 ug/l  
 RT: 14.36 min Scan# 2070  
 Delta R.T. -0.00 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 84.7  | 42.4  | 127.1 |
| 157     | 106.5 | 55.1  | 165.3 |





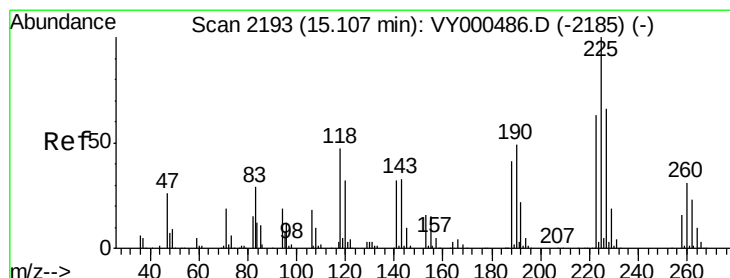
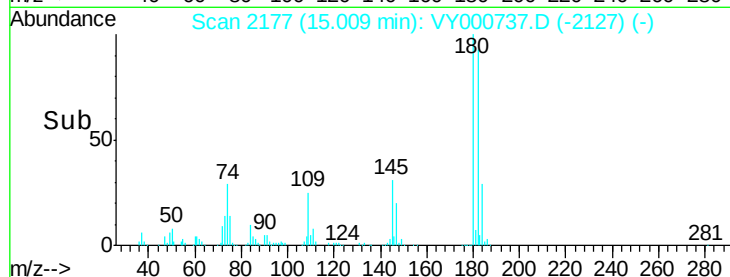
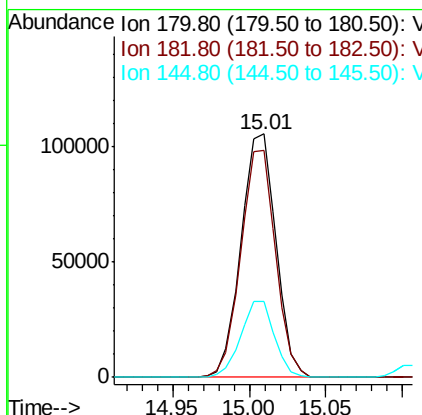
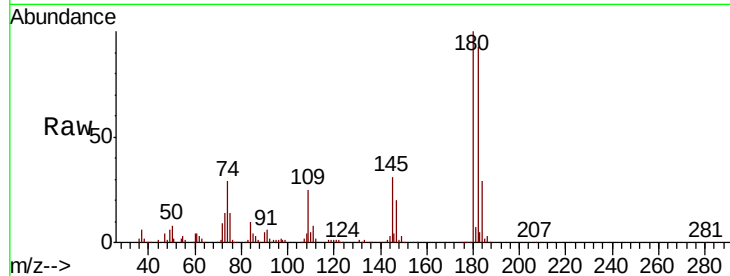
#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.434 ug/l  
 RT: 15.01 min Scan# 2177  
 Delta R.T. 0.01 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 167170 |       |       |
| 182     | 92.6  | 47.8   | 143.4 |       |
| 145     | 30.3  | 16.0   | 47.9  |       |

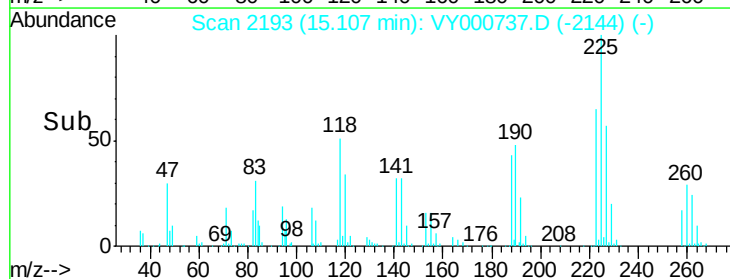
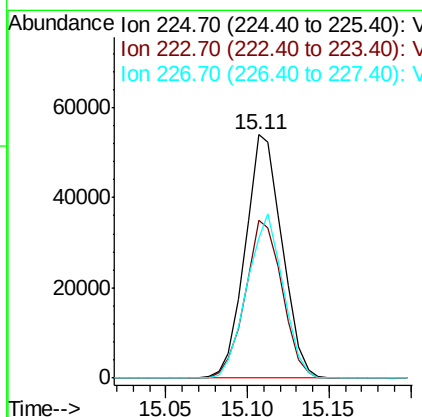
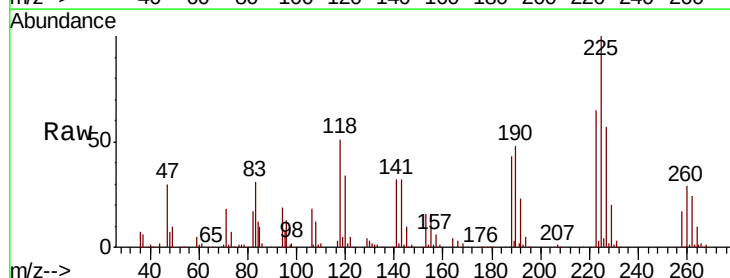
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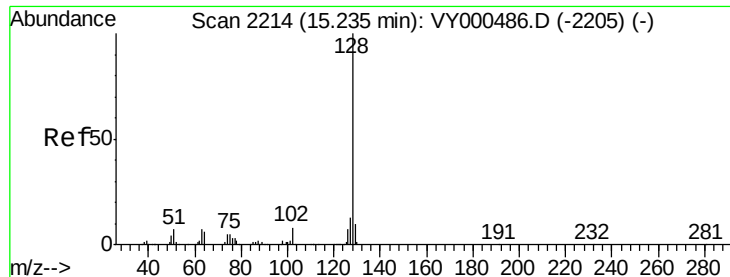
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#94  
 Hexachlorobutadiene  
 Concen: 46.664 ug/l  
 RT: 15.11 min Scan# 2193  
 Delta R.T. -0.00 min  
 Lab File: VY000737.D  
 Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 84775 |       |       |
| 223     | 64.8  | 31.3  | 93.8  |       |
| 227     | 65.9  | 32.4  | 97.0  |       |





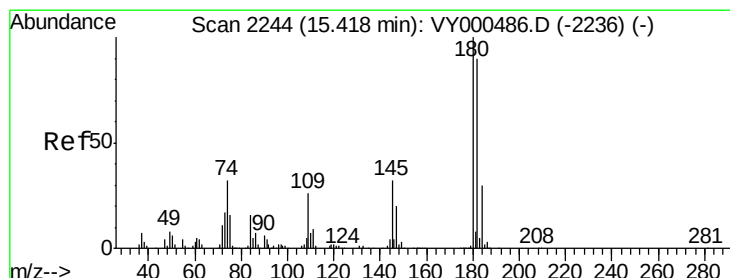
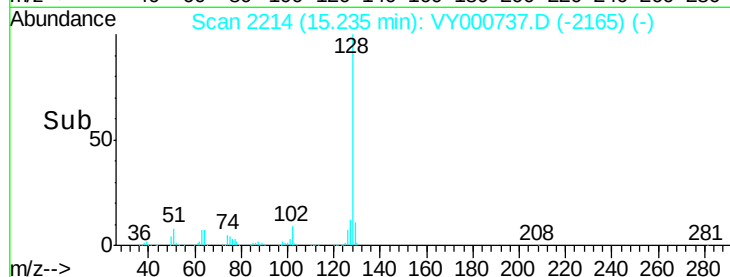
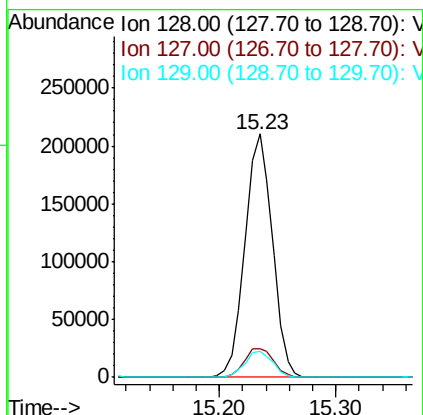
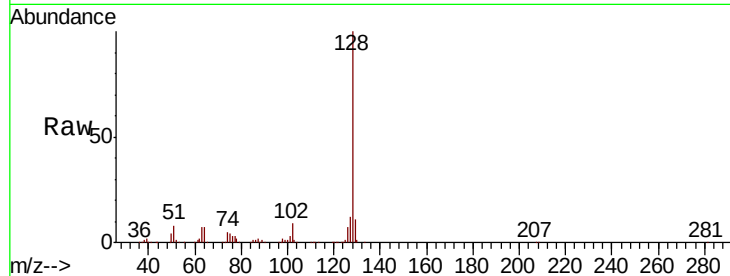
#95  
Naphthalene  
Concen: 44.340 ug/l  
RT: 15.23 min Scan# 2214  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.6  | 9.8   | 14.6  |
| 129     | 11.0  | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 45.458 ug/l  
RT: 15.42 min Scan# 2244  
Delta R.T. -0.00 min  
Lab File: VY000737.D  
Acq: 19 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 47.4  | 142.3 |
| 145     | 32.4  | 15.7  | 47.0  |

