

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102219\  
 Data File : VY000357.D  
 Acq On : 22 Oct 2019 11:39  
 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  
 10/24/2019 4:33:58 PM

Quant Time: Oct 23 08:09:52 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y101119S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 17 02:03:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 271241   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.70  | 114  | 442089   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 398933   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152  | 200833   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.15   | 65  | 146594   | 51.24 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.48% |      |
| 35) Dibromofluoromethane  | 7.73   | 113 | 133794   | 50.17 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.34% |      |
| 50) Toluene-d8            | 10.19  | 98  | 539067   | 52.55 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.10% |      |
| 62) 4-Bromofluorobenzene  | 12.49  | 95  | 193814   | 49.73 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.46%  |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85  | 90680   | 41.593  | ug/l | 96     |
| 3) Chloromethane              | 2.11 | 50  | 137960  | 41.623  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.26 | 62  | 146298  | 43.736  | ug/l | 99     |
| 5) Bromomethane               | 2.65 | 94  | 102791  | 41.464  | ug/l | 99     |
| 6) Chloroethane               | 2.79 | 64  | 97556   | 45.200  | ug/l | 96     |
| 7) Trichlorofluoromethane     | 3.13 | 101 | 219067  | 47.877  | ug/l | 97     |
| 8) Diethyl Ether              | 3.54 | 74  | 80844   | 50.014  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91 | 101 | 136951  | 49.353  | ug/l | 98     |
| 10) Methyl Iodide             | 4.10 | 142 | 187789  | 47.571  | ug/l | 98     |
| 11) Tert butyl alcohol        | 4.97 | 59  | 69809   | 233.145 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.88 | 96  | 131525  | 48.011  | ug/l | 95     |
| 13) Acrolein                  | 3.74 | 56  | 88530   | 252.191 | ug/l | 98     |
| 14) Allyl chloride            | 4.49 | 41  | 223141  | 49.152  | ug/l | 98     |
| 15) Acrylonitrile             | 5.18 | 53  | 221652  | 244.987 | ug/l | 99     |
| 16) Acetone                   | 3.96 | 43  | 205424  | 221.704 | ug/l | 97     |
| 17) Carbon Disulfide          | 4.20 | 76  | 373163  | 43.264  | ug/l | 99     |
| 18) Methyl Acetate            | 4.49 | 43  | 105752  | 45.936  | ug/l | 96     |
| 19) Methyl tert-butyl Ether   | 5.23 | 73  | 389080  | 51.020  | ug/l | 100    |
| 20) Methylene Chloride        | 4.72 | 84  | 156747  | 50.234  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 5.22 | 96  | 150395  | 47.851  | ug/l | 91     |
| 22) Diisopropyl ether         | 6.13 | 45  | 501152  | 52.194  | ug/l | 93     |
| 23) Vinyl Acetate             | 6.07 | 43  | 1630139 | 260.237 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 6.02 | 63  | 264470  | 50.462  | ug/l | 99     |
| 25) 2-Butanone                | 7.00 | 43  | 345080  | 264.381 | ug/l | 95     |
| 26) 2,2-Dichloropropane       | 6.99 | 77  | 241948  | 50.099  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 6.99 | 96  | 172518  | 50.726  | ug/l | 99     |
| 28) Bromochloromethane        | 7.35 | 49  | 115189  | 51.198  | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.36 | 42  | 192848  | 243.795 | ug/l | 99     |
| 30) Chloroform                | 7.52 | 83  | 270986  | 51.342  | ug/l | 97     |
| 31) Cyclohexane               | 7.79 | 56  | 254031  | 46.407  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97  | 237524  | 50.619  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 7.92 | 75  | 212357  | 49.062  | ug/l | 97     |
| 37) Ethyl Acetate             | 7.08 | 43  | 131508  | 51.312  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.91 | 117 | 213567  | 50.960  | ug/l | 95     |

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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  
 10/24/2019 4:33:58 PM

Quant Time: Oct 23 08:09:52 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y101119S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 17 02:03:07 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 270505   | 47.751  | ug/l   | 93       |
| 40) Benzene                    | 8.17  | 78   | 619065   | 49.492  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.32  | 41   | 59360m   | 48.658  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.25  | 62   | 180923   | 50.636  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.28  | 43   | 249007   | 51.098  | ug/l   | 99       |
| 44) Trichloroethene            | 8.95  | 130  | 168630   | 48.047  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 159260   | 51.883  | ug/l   | 95       |
| 46) Dibromomethane             | 9.31  | 93   | 85625    | 49.899  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.50  | 83   | 209001   | 51.681  | ug/l # | 98       |
| 48) Methyl methacrylate        | 9.30  | 41   | 109444   | 51.246  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 24600    | 956.129 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 673414   | 267.926 | ug/l   | 99       |
| 52) Toluene                    | 10.25 | 92   | 403646   | 50.827  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 229373   | 52.924  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 264156   | 53.670  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.65 | 97   | 129633   | 51.958  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 192245   | 54.059  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 223420   | 52.142  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.79  | 63   | 461147   | 325.104 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.84 | 43   | 533274   | 302.273 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.99 | 129  | 150966   | 54.592  | ug/l   | 95       |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 123603   | 51.596  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.72 | 164  | 184469   | 48.571  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.52 | 112  | 429907   | 51.062  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 153615   | 51.941  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.60 | 91   | 787853   | 50.479  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.70 | 106  | 603278   | 101.112 | ug/l   | 99       |
| 69) o-Xylene                   | 12.03 | 106  | 287939   | 50.588  | ug/l   | 100      |
| 70) Styrene                    | 12.05 | 104  | 503964   | 52.501  | ug/l   | 99       |
| 71) Bromoform                  | 12.21 | 173  | 90932    | 53.484  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.33 | 105  | 783203   | 50.014  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.14 | 43   | 244290   | 63.544  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 153384   | 52.168  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 109129m  | 44.190  | ug/l   |          |
| 77) Bromobenzene               | 12.61 | 156  | 175145   | 50.262  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.67 | 91   | 943407   | 50.176  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.76 | 91   | 527418   | 50.794  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 657424   | 50.066  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 59312    | 52.549  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 563662   | 51.354  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.08 | 119  | 551522   | 49.598  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 660752   | 50.985  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.25 | 105  | 817975   | 50.849  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 719304   | 51.290  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.37 | 146  | 345008   | 50.251  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 345321   | 50.321  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.70 | 91   | 718880   | 51.871  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.96 | 117  | 137213   | 52.837  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.74 | 146  | 317136   | 51.041  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 28117    | 50.422  | ug/l   | 94       |

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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

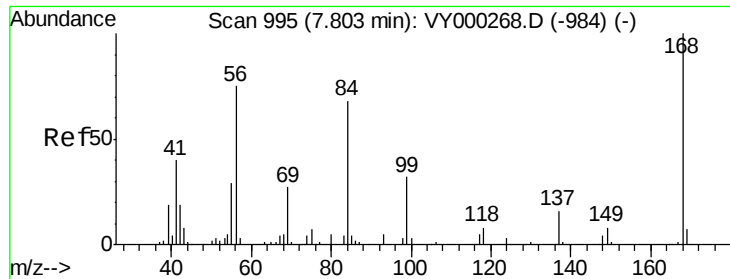
MMDadoda  
10/24/2019 4:33:58 PM

Quant Time: Oct 23 08:09:52 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y101119S.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 17 02:03:07 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180  | 214559   | 49.598 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 109560   | 46.799 | ug/l  | 97       |
| 95) Naphthalene            | 15.24 | 128  | 485365   | 50.277 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 196259   | 50.339 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 271241

Ion Ratio Lower Upper

168 100

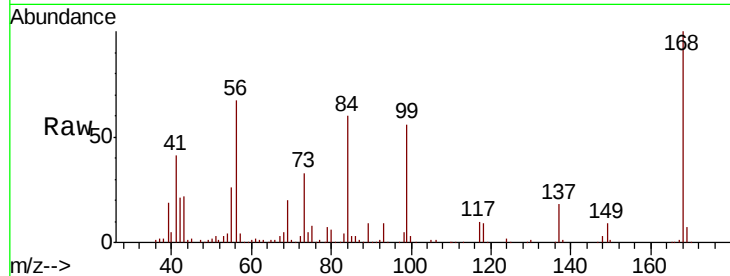
99 55.8 46.6 69.8

Manual Integrations

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10/24/2019 4:33:58 PM



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

7.80

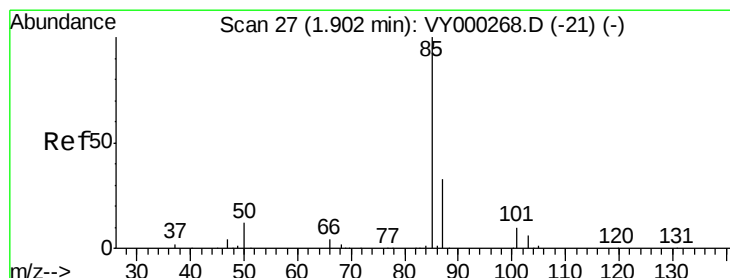
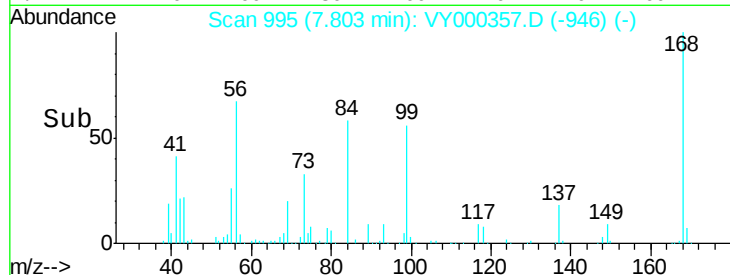
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 41.593 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000357.D

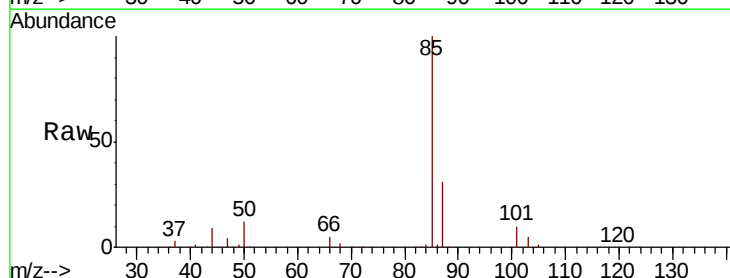
Acq: 22 Oct 2019 11:39

Tgt Ion: 85 Resp: 90680

Ion Ratio Lower Upper

85 100

87 31.0 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000268.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY000268.D (-21) (-)

1.91

60000

50000

40000

30000

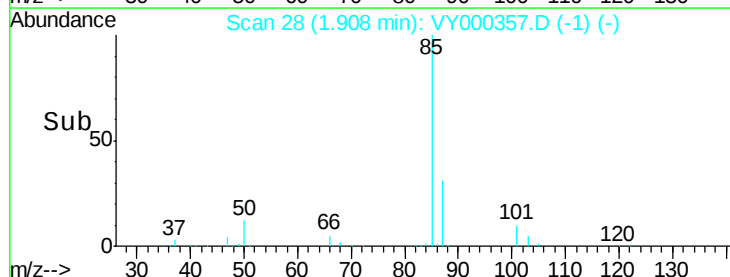
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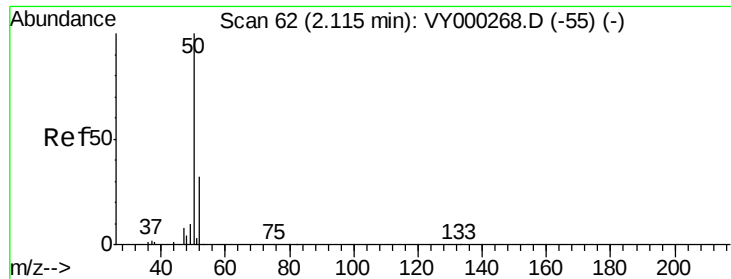
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0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 41.623 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 137960

Ion Ratio Lower Upper

50 100

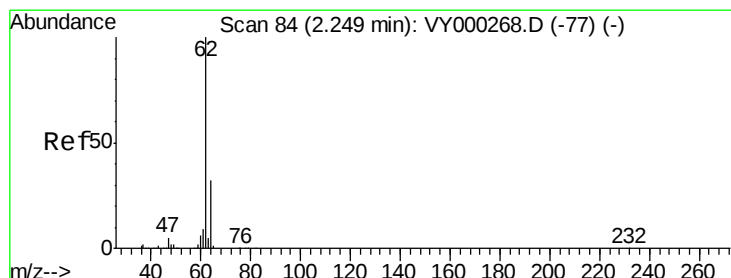
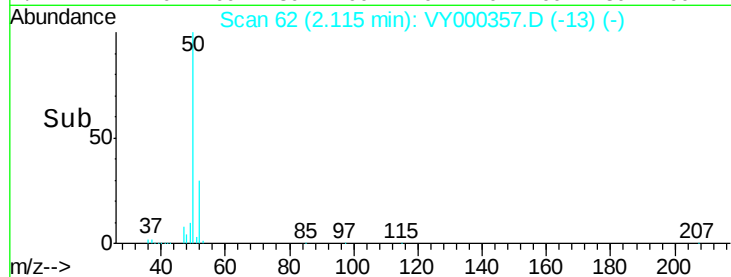
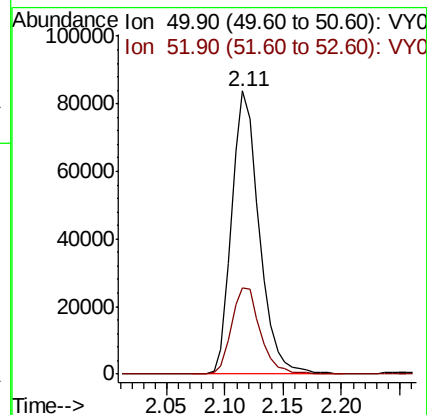
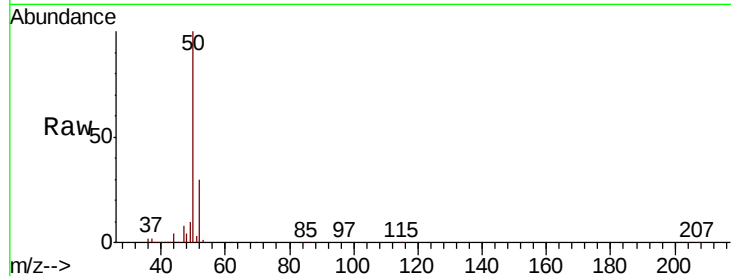
52 30.4 25.3 37.9

Manual Integrations

APPROVED

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10/24/2019 4:33:58 PM



#4

Vinyl Chloride

Concen: 43.736 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000357.D

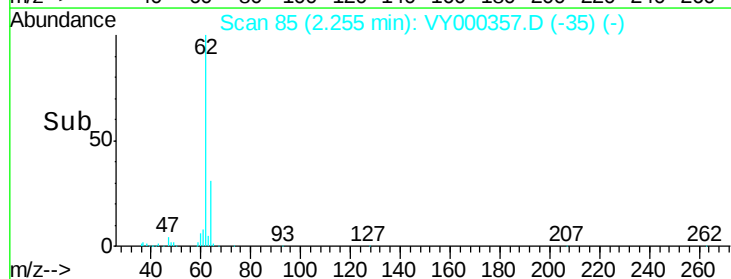
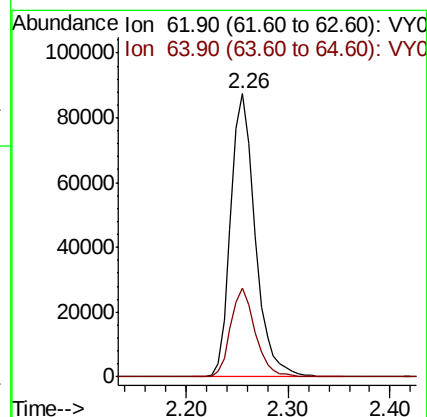
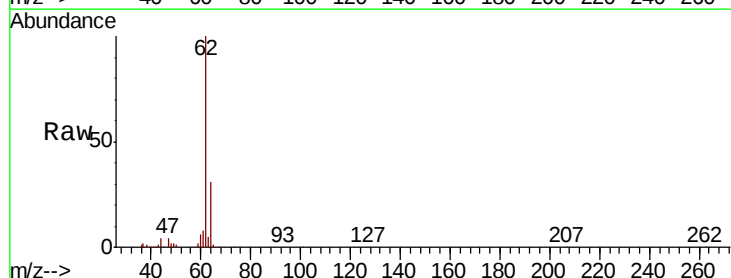
Acq: 22 Oct 2019 11:39

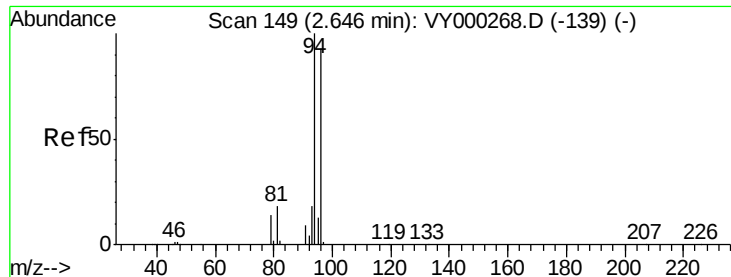
Tgt Ion: 62 Resp: 146298

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#5

Bromomethane

Concen: 41.464 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 102791

Ion Ratio Lower Upper

94 100

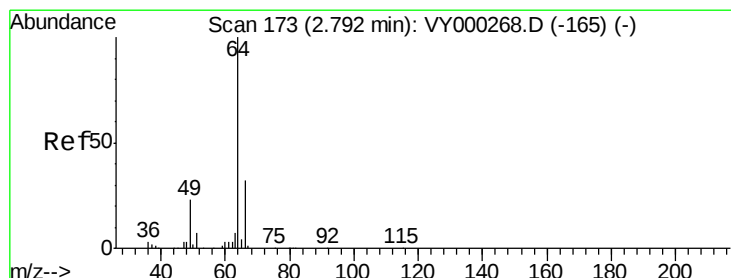
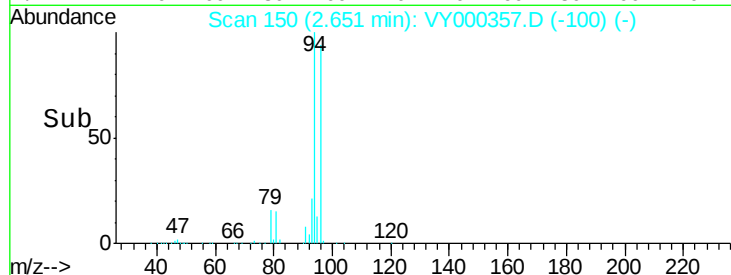
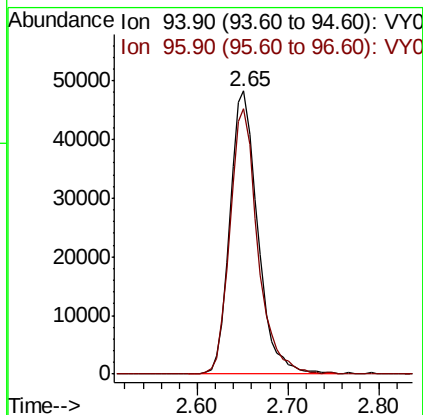
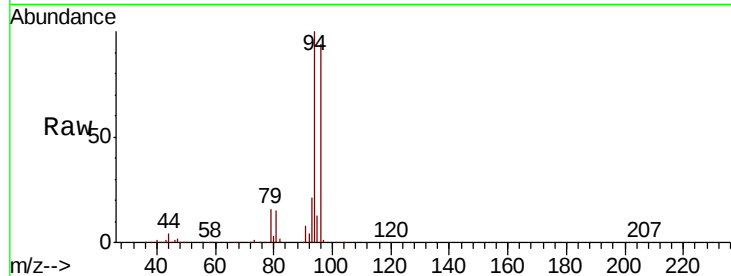
96 93.6 74.2 111.2

Manual Integrations

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10/24/2019 4:33:58 PM



#6

Chloroethane

Concen: 45.200 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000357.D

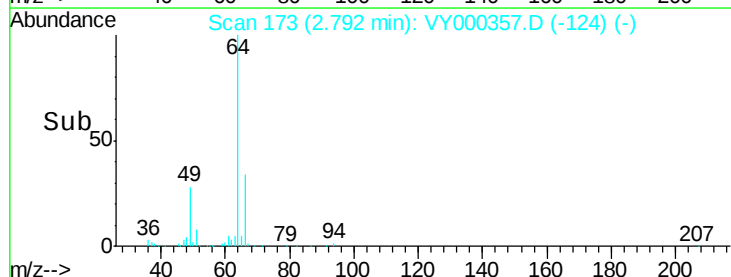
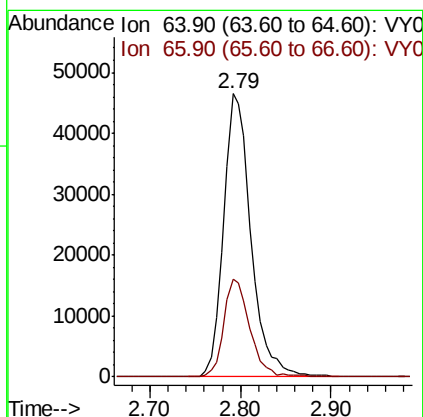
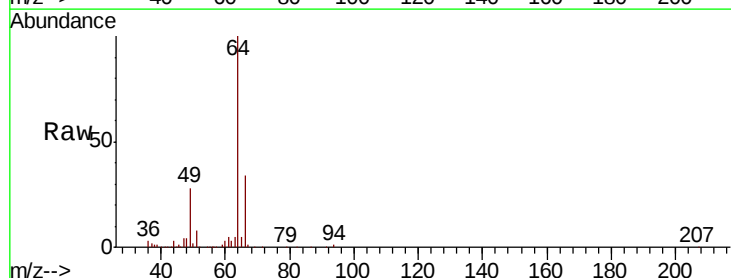
Acq: 22 Oct 2019 11:39

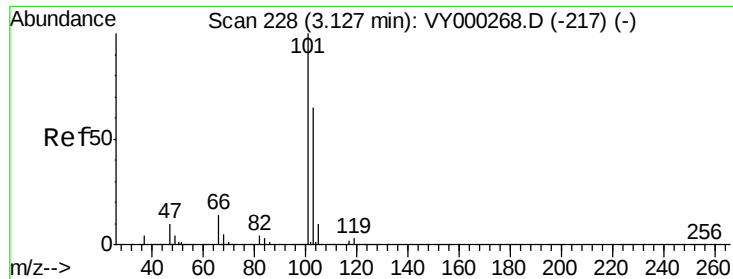
Tgt Ion: 64 Resp: 97556

Ion Ratio Lower Upper

64 100

66 34.4 25.6 38.4





#7

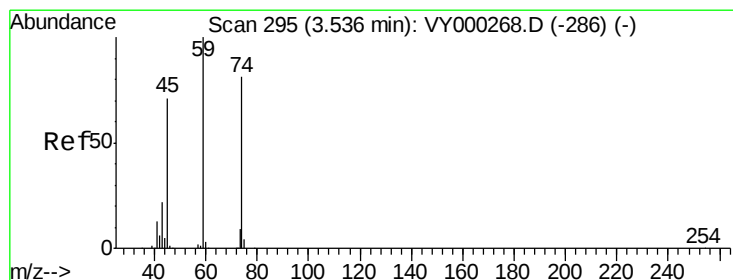
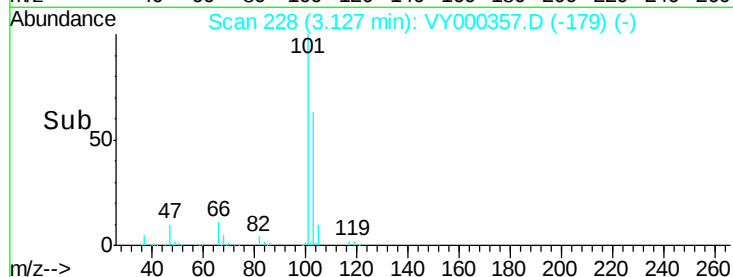
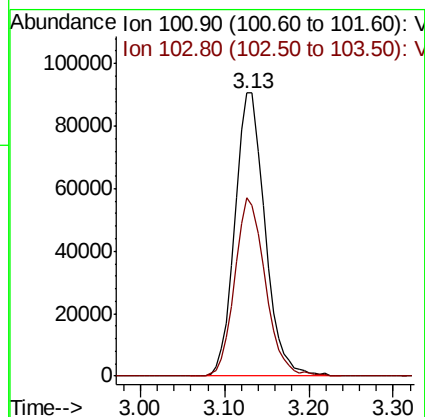
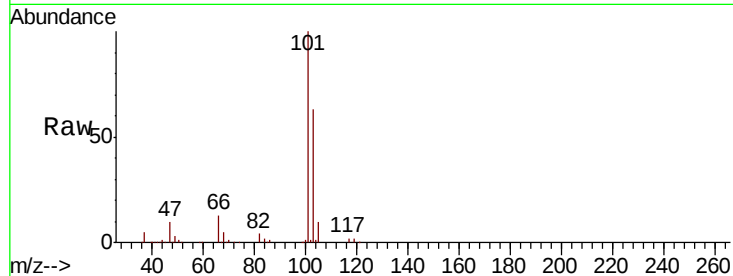
Trichlorofluoromethane  
 Concen: 47.877 ug/l  
 RT: 3.13 min Scan# 228  
 Delta R.T. -0.00 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.0  | 52.2  | 78.4  |

Manual Integrations  
 APPROVED

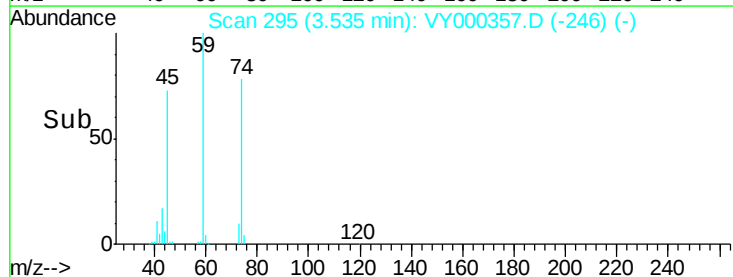
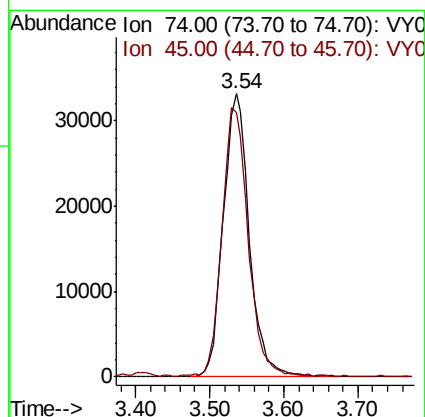
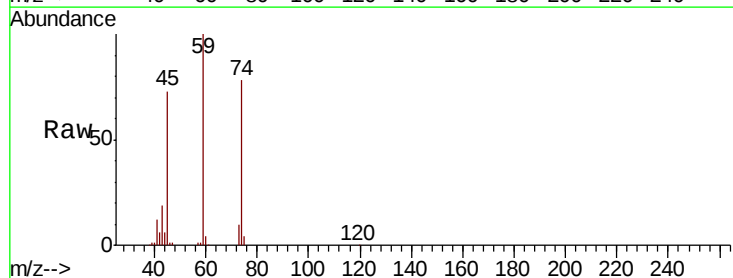
MMDadoda  
 10/24/2019 4:33:58 PM

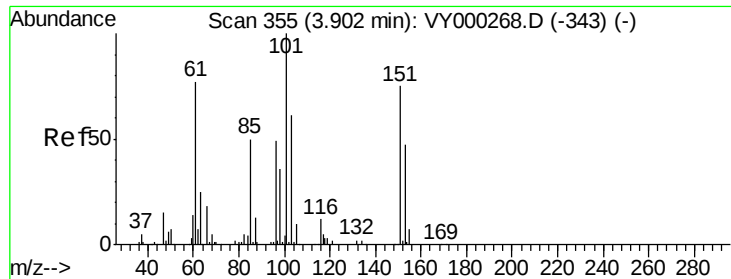


#8

Diethyl Ether  
 Concen: 50.014 ug/l  
 RT: 3.54 min Scan# 295  
 Delta R.T. -0.00 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 95.1  | 47.1  | 141.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.353 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Instrument :

MSVOA\_Y

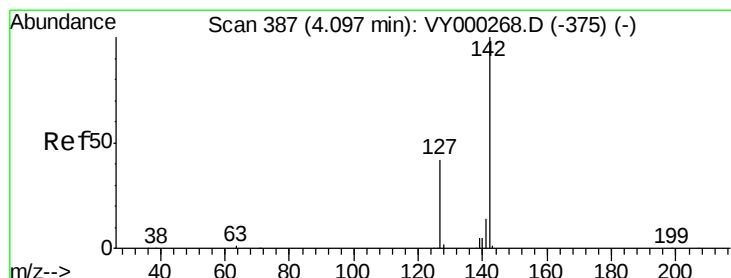
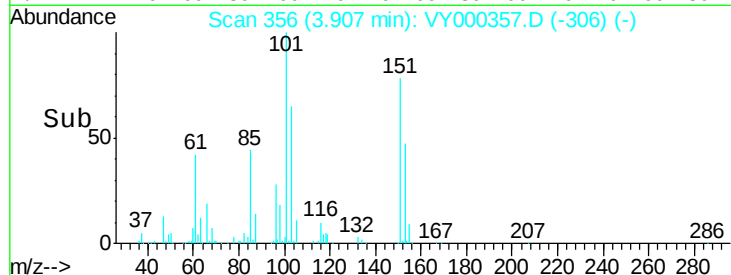
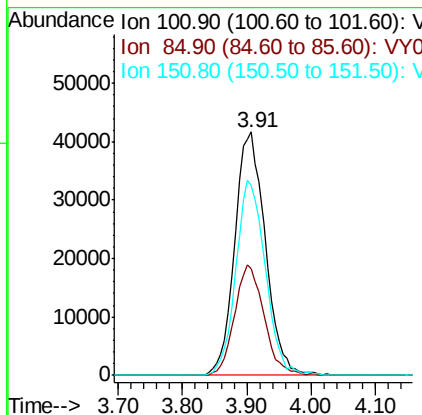
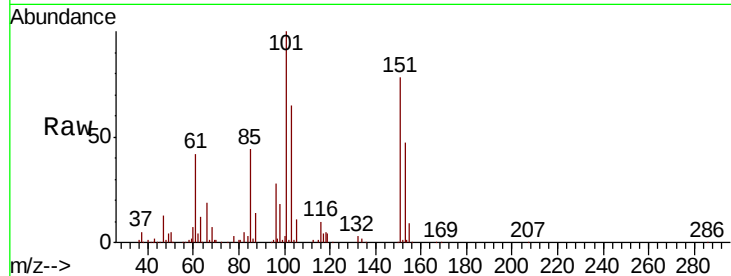
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 136951 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.7  | 36.6  | 55.0   |
| 151       | 77.4  | 63.1  | 94.7   |

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#10

Methyl Iodide

Concen: 47.571 ug/l

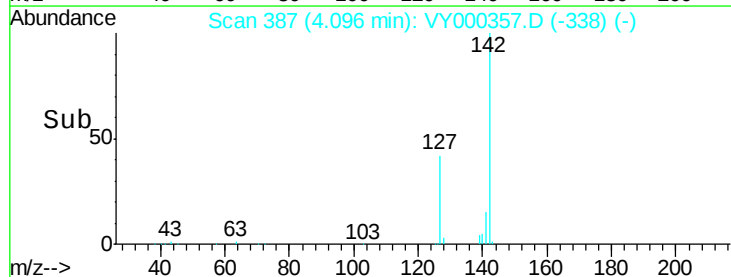
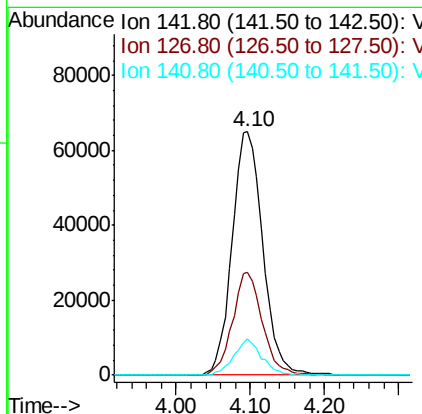
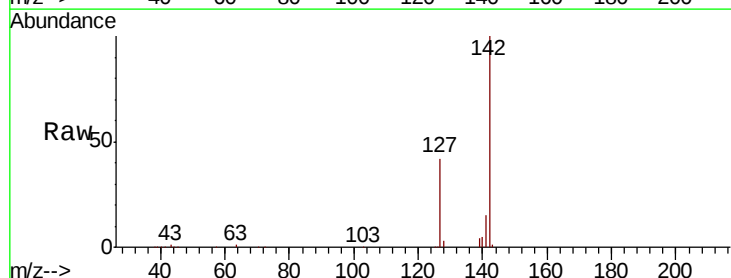
RT: 4.10 min Scan# 387

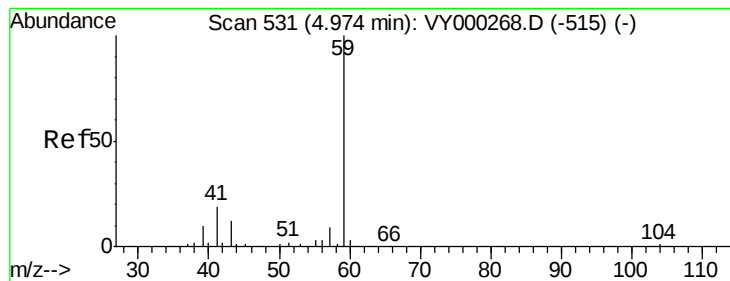
Delta R.T. 0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 187789 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 41.0  | 33.9  | 50.9   |
| 141       | 13.6  | 11.2  | 16.8   |





#11

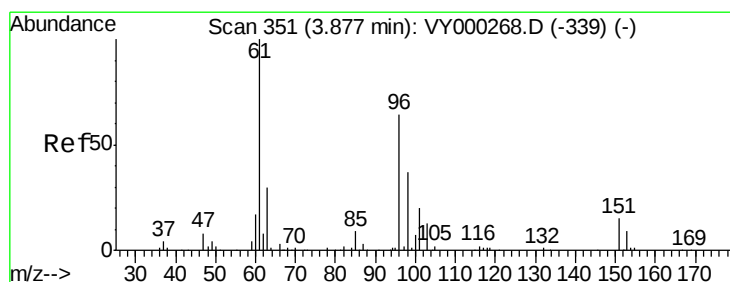
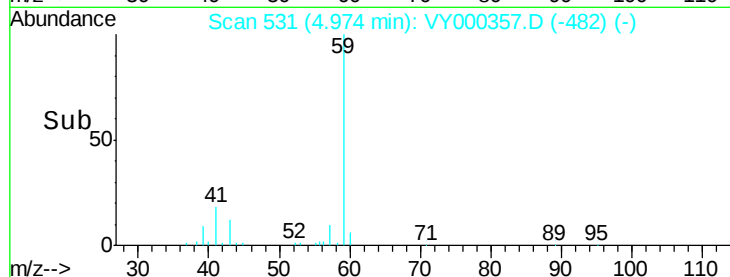
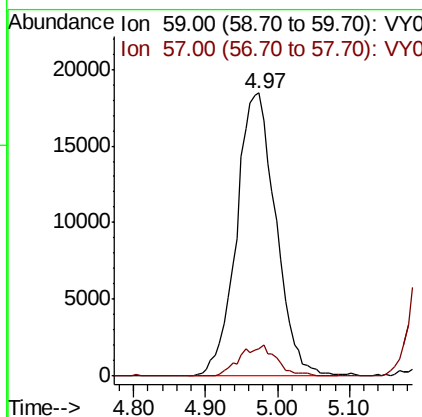
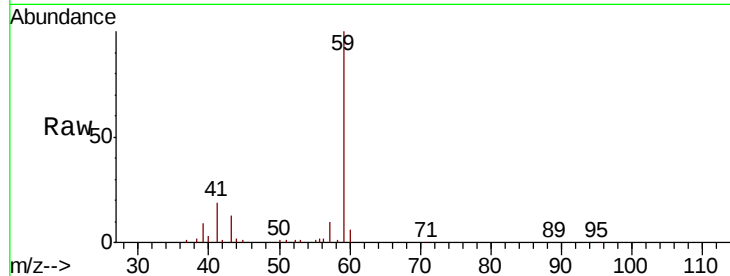
Tert butyl alcohol  
Concen: 233.145 ug/l  
RT: 4.97 min Scan# 531  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.3  | 8.2   | 12.2  |

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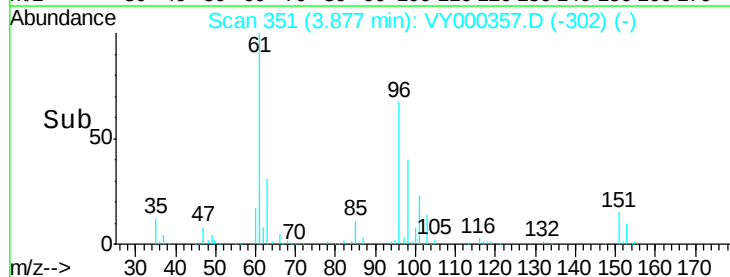
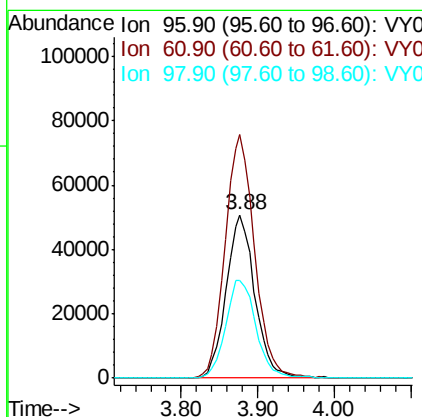
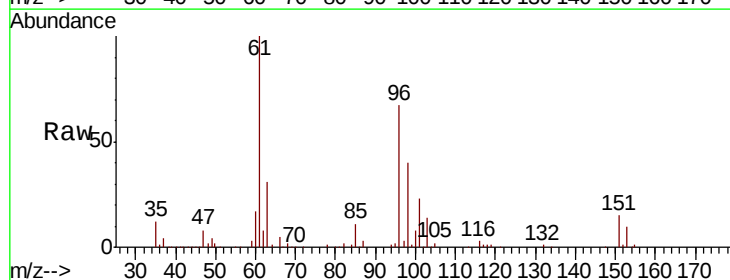
MMDadoda  
10/24/2019 4:33:58 PM

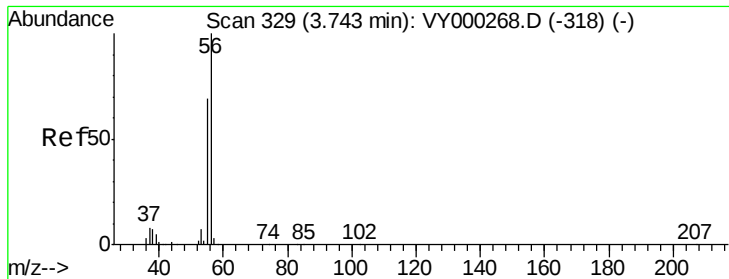


#12

1,1-Dichloroethene  
Concen: 48.011 ug/l  
RT: 3.88 min Scan# 351  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 149.0 | 125.8 | 188.6 |
| 98      | 59.8  | 46.2  | 69.2  |





#13

Acrolein

Concen: 252.191 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 88530

Ion Ratio Lower Upper

56 100

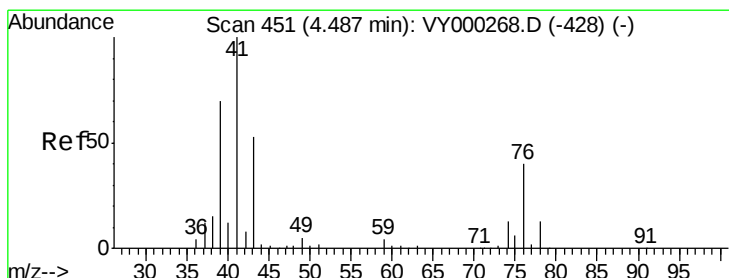
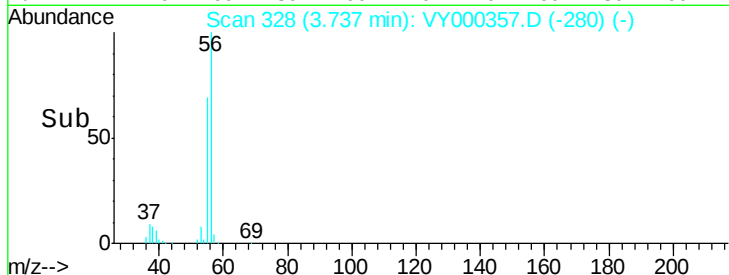
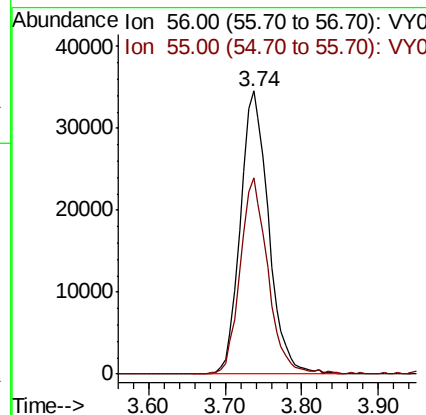
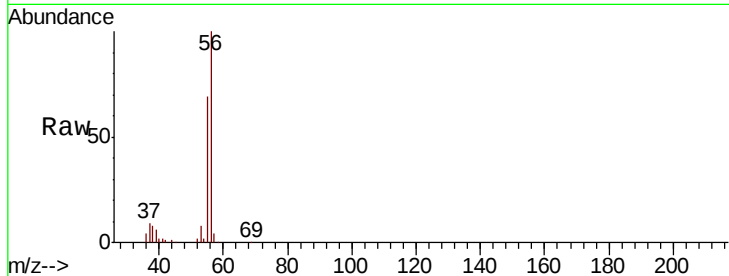
55 68.0 55.7 83.5

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#14

Allyl chloride

Concen: 49.152 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

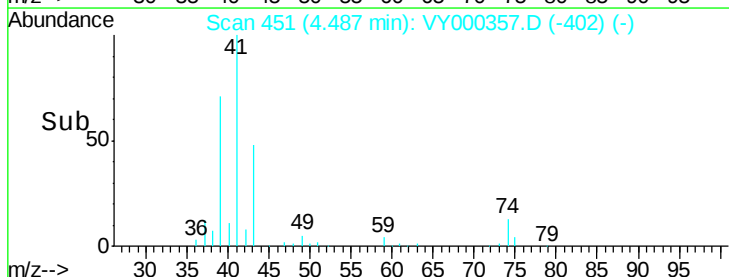
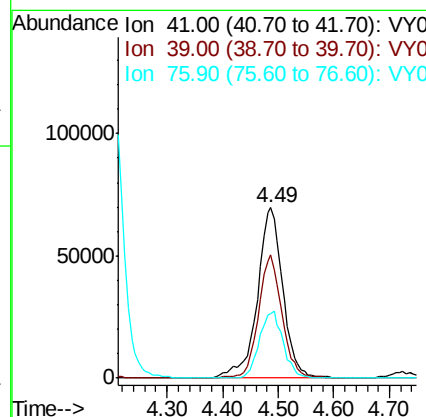
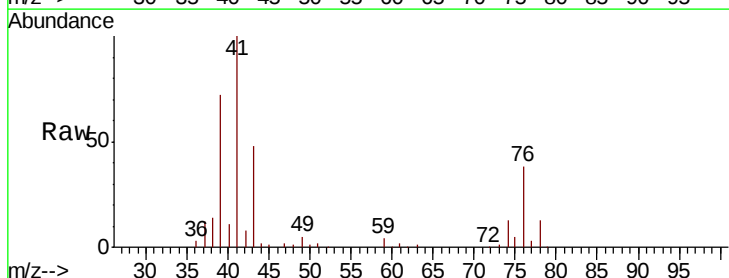
Tgt Ion: 41 Resp: 223141

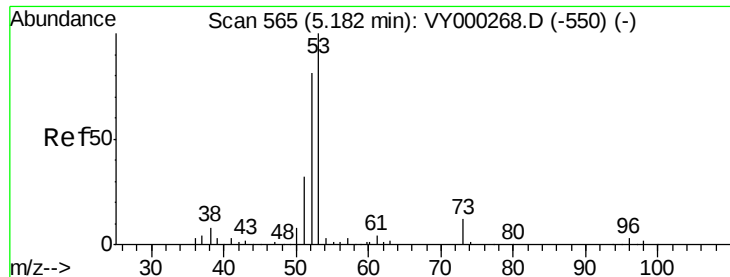
Ion Ratio Lower Upper

41 100

39 66.7 54.0 81.0

76 36.7 30.7 46.1





#15

Acrylonitrile

Concen: 244.987 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Instrument :

MSVOA\_Y

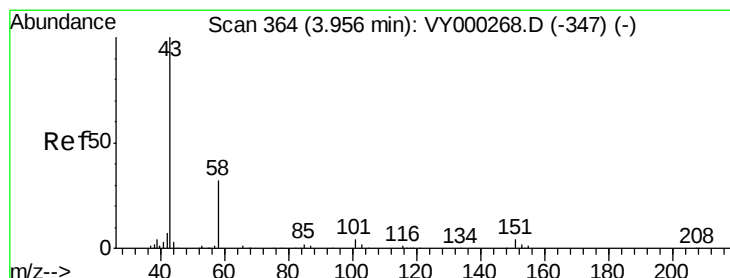
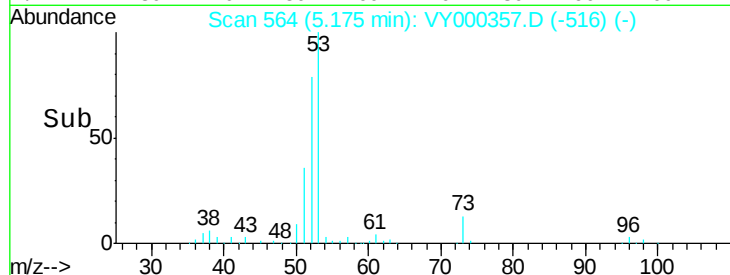
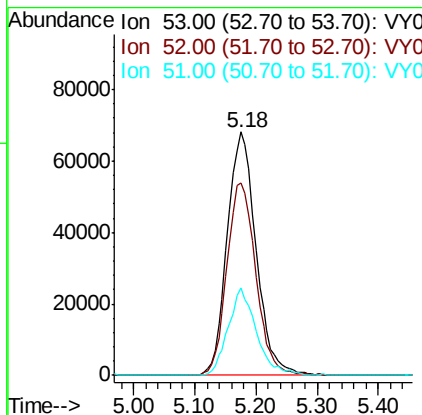
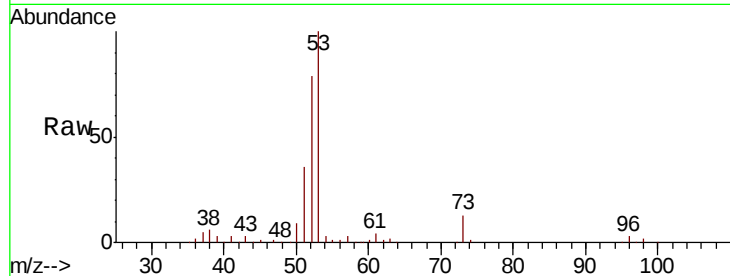
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 221652 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 79.1  | 62.9  | 94.3   |
| 51       | 35.1  | 26.9  | 40.3   |

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#16

Acetone

Concen: 221.704 ug/l

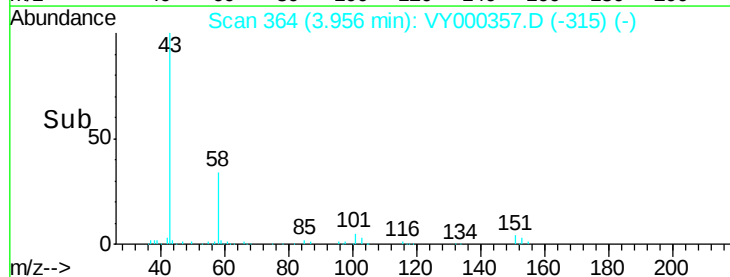
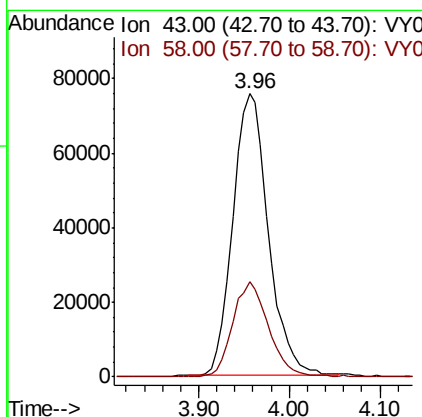
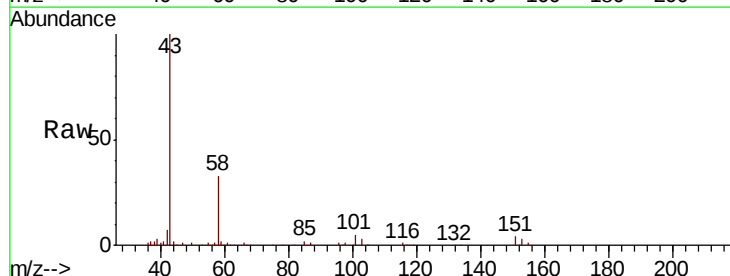
RT: 3.96 min Scan# 364

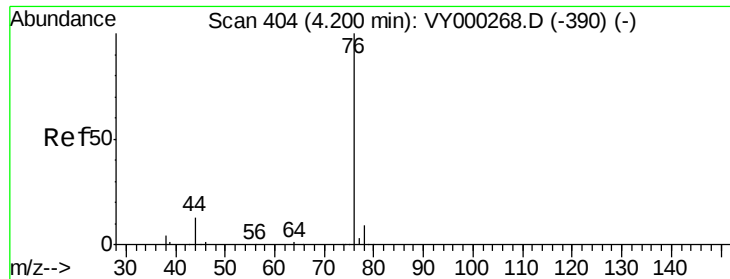
Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 205424 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 33.6  | 25.8  | 38.6   |





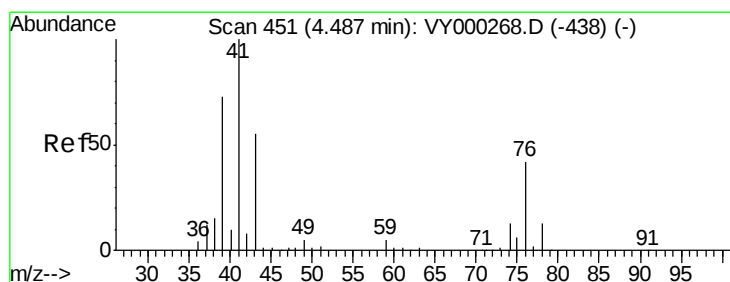
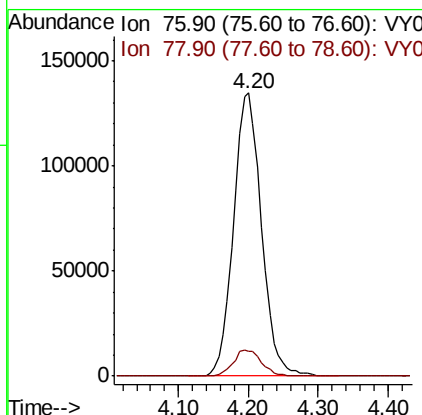
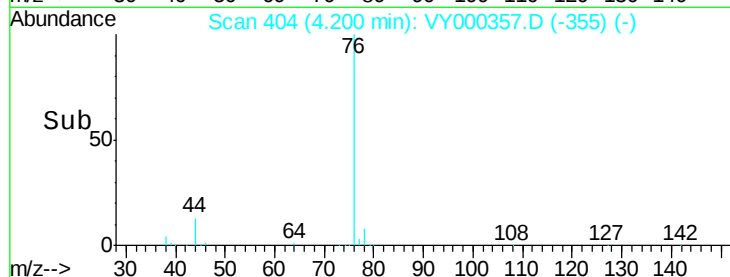
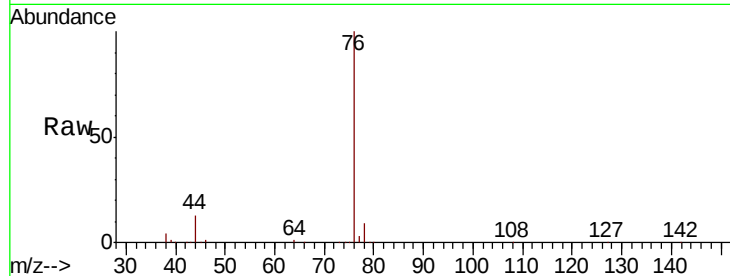
#17  
Carbon Disulfide  
Concen: 43.264 ug/l  
RT: 4.20 min Scan# 404  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.9   | 7.0   | 10.4  |

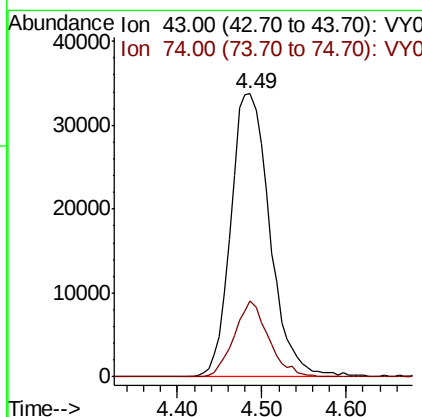
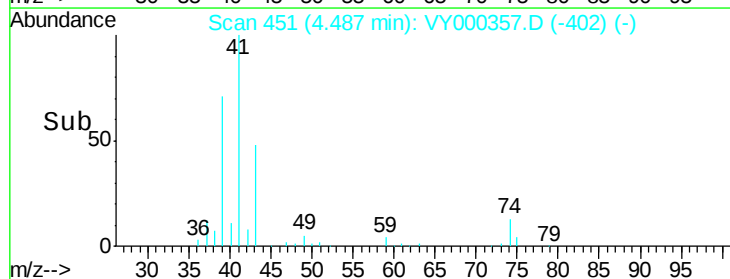
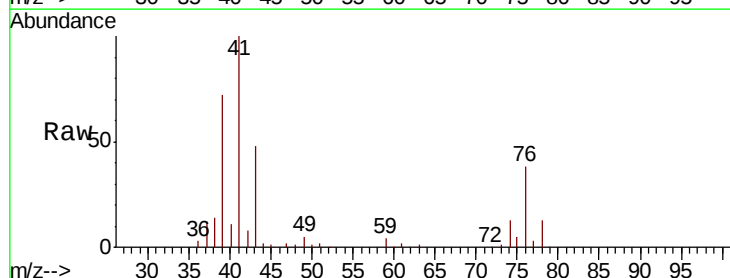
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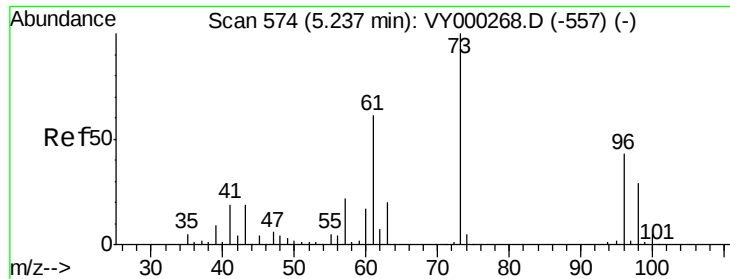
MMDadoda  
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#18  
Methyl Acetate  
Concen: 45.936 ug/l  
RT: 4.49 min Scan# 451  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.7  | 20.4  | 30.6  |





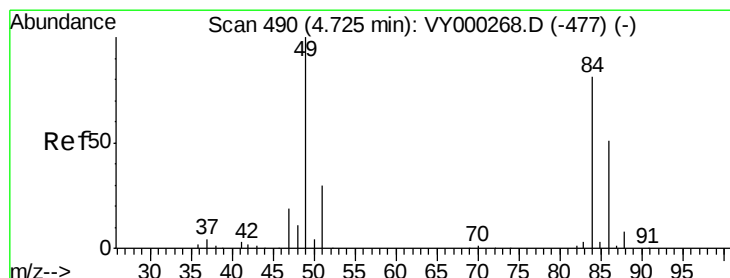
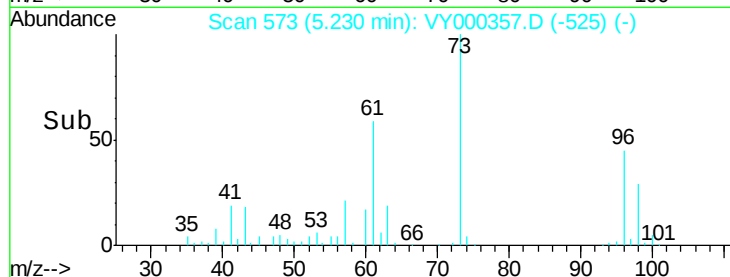
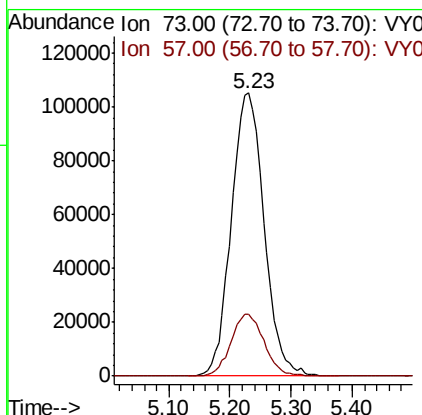
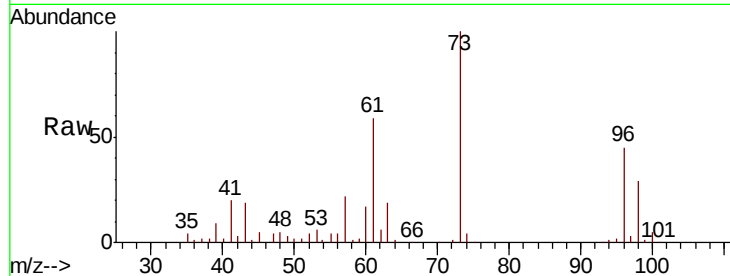
#19  
Methvl tert-butvl Ether  
Concen: 51.020 ug/l  
RT: 5.23 min Scan# 573  
Delta R.T. -0.01 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 389080  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.4 26.0

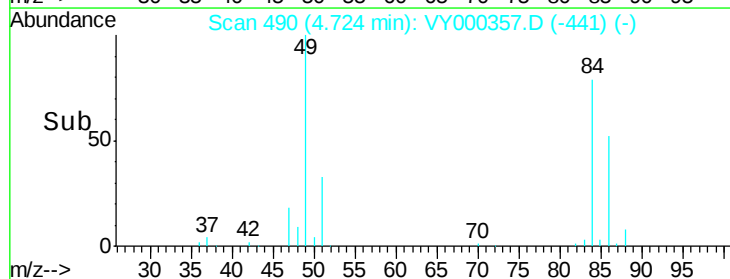
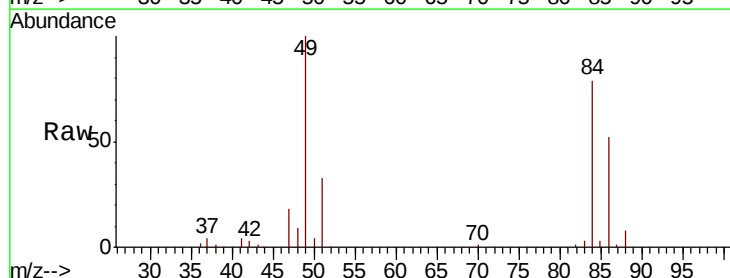
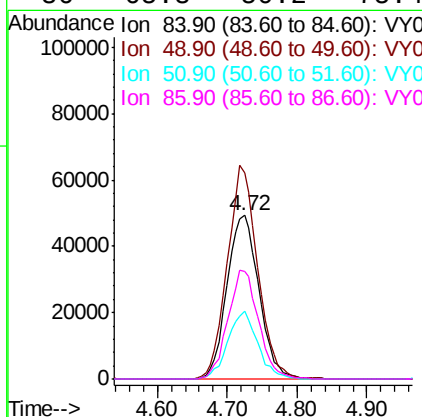
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#20  
Methylene Chloride  
Concen: 50.234 ug/l  
RT: 4.72 min Scan# 490  
Delta R.T. 0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Tgt Ion: 84 Resp: 156747  
Ion Ratio Lower Upper  
84 100  
49 126.1 99.0 148.4  
51 41.5 29.3 43.9  
86 65.8 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 47.851 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 150395

Ion Ratio Lower Upper

96 100

61 133.5 100.4 150.6

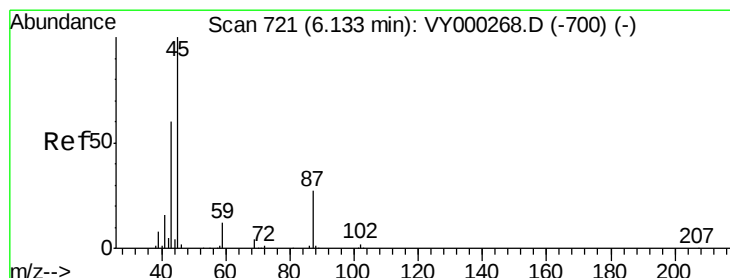
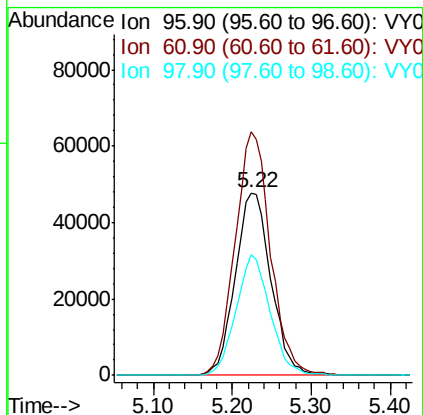
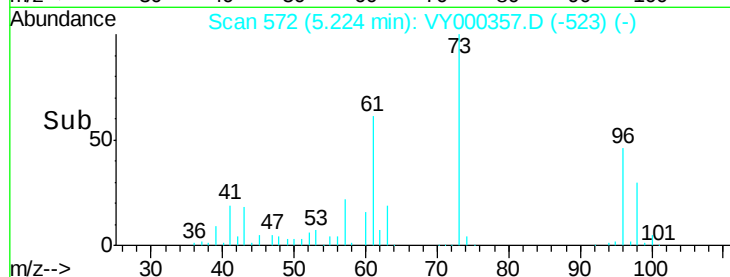
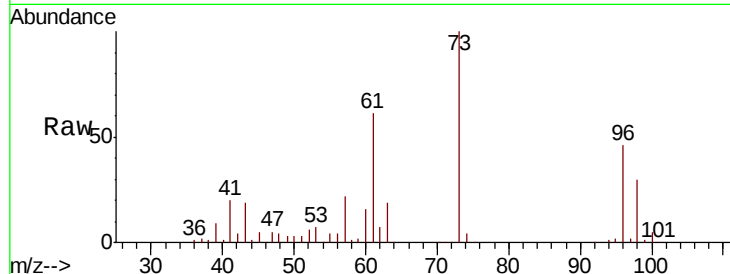
98 65.9 44.6 66.8

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#22

Diisopropyl ether

Concen: 52.194 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Tgt Ion: 45 Resp: 501152

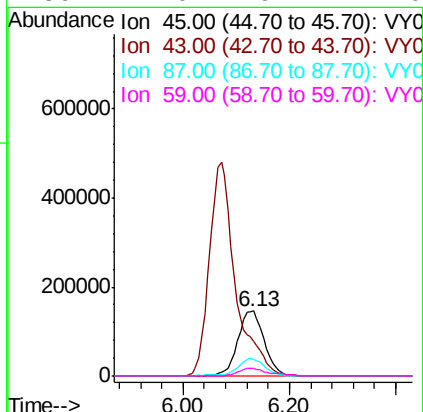
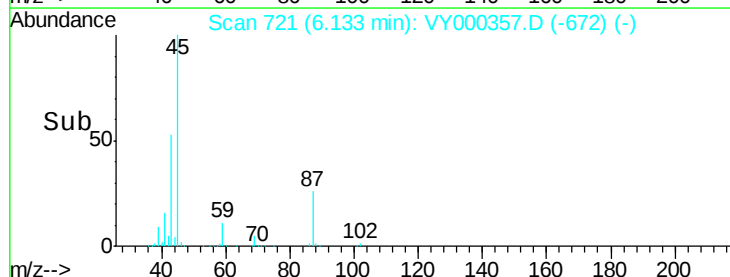
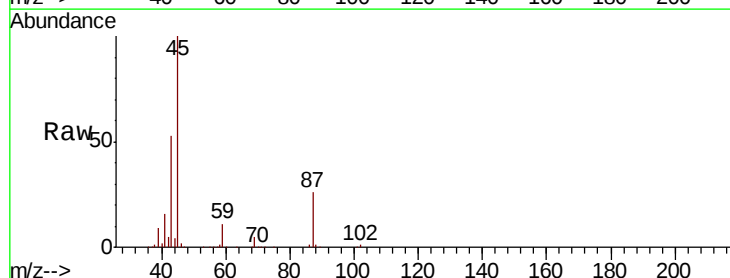
Ion Ratio Lower Upper

45 100

43 52.8 48.5 72.7

87 25.8 21.5 32.3

59 11.0 9.4 14.0





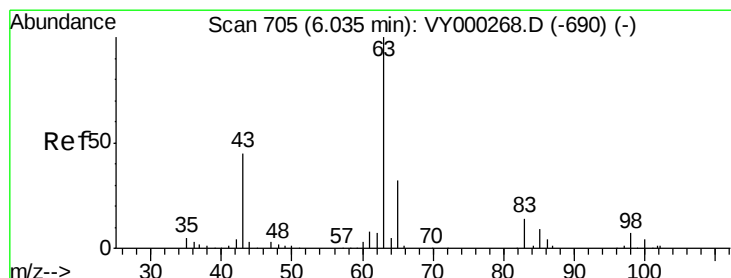
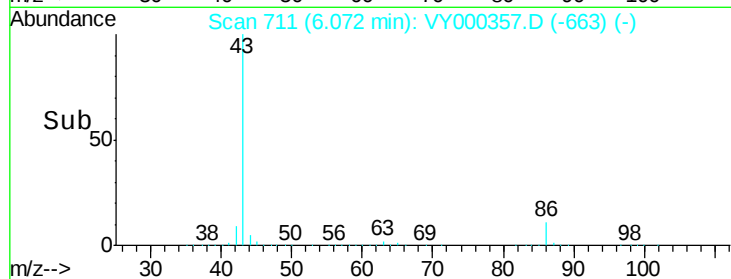
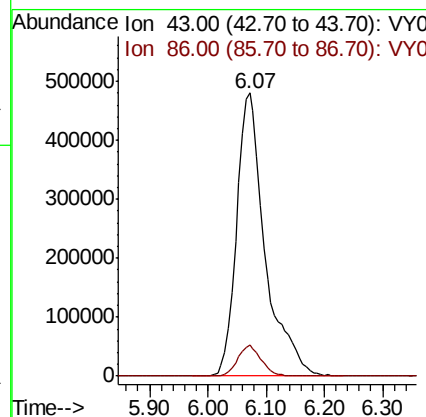
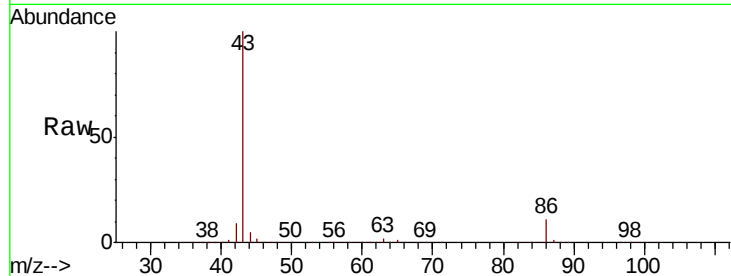
#23  
 Vinyl Acetate  
 Concen: 260.237 ug/l  
 RT: 6.07 min Scan# 711  
 Delta R.T. -0.01 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 43 Resp: 1630139  
 Ion Ratio Lower Upper  
 43 100  
 86 10.8 8.6 13.0

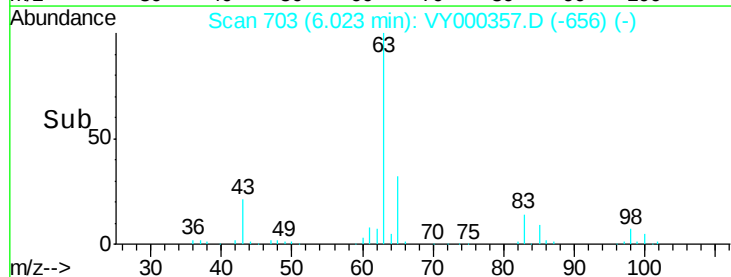
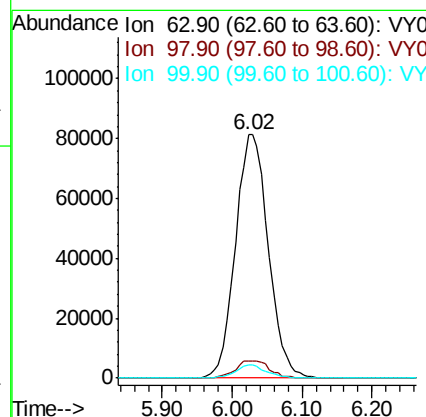
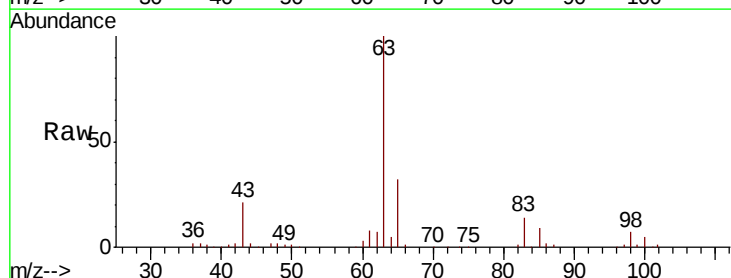
Manual Integrations  
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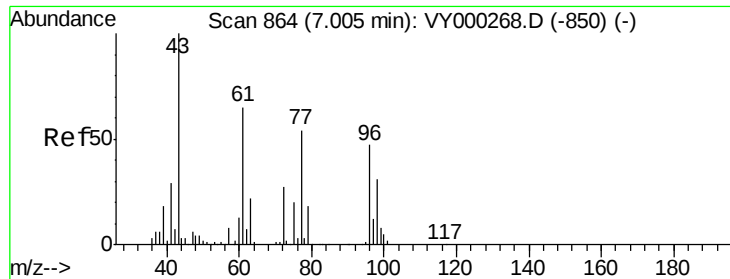
MMDadoda  
 10/24/2019 4:33:58 PM



#24  
 1,1-Dichloroethane  
 Concen: 50.462 ug/l  
 RT: 6.02 min Scan# 703  
 Delta R.T. -0.01 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

Tgt Ion: 63 Resp: 264470  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.5 10.4  
 100 5.2 2.1 6.2





#25

2-Butanone

Concen: 264.381 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 345080

Ion Ratio Lower Upper

43 100

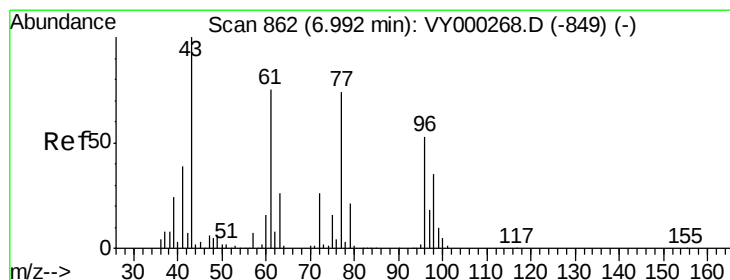
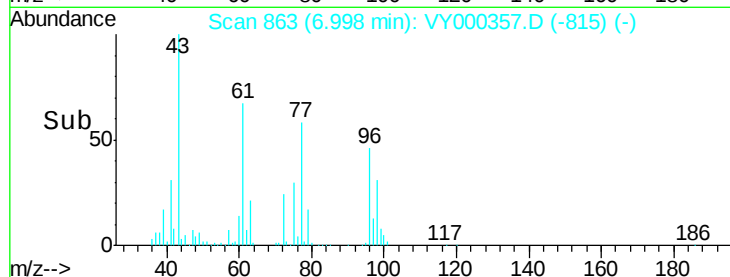
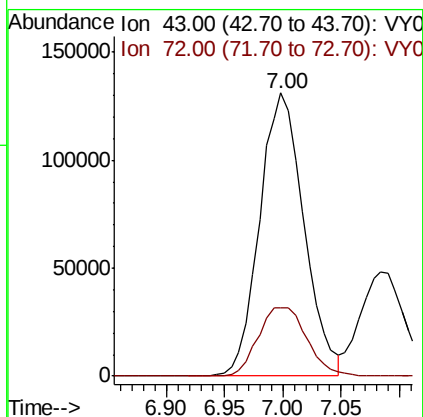
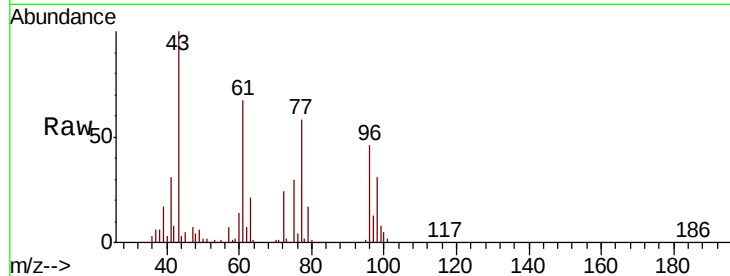
72 24.0 21.4 32.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.099 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000357.D

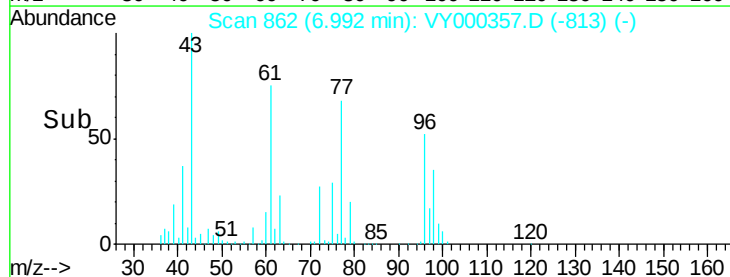
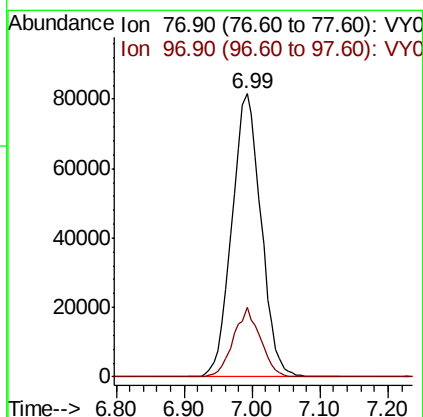
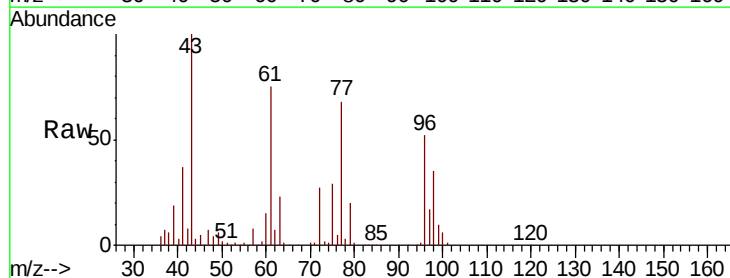
Acq: 22 Oct 2019 11:39

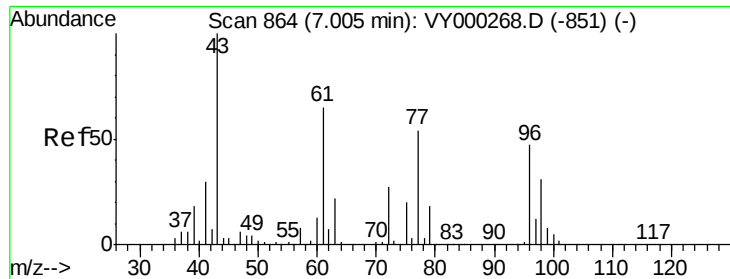
Tgt Ion: 77 Resp: 241948

Ion Ratio Lower Upper

77 100

97 22.6 11.6 34.7





#27

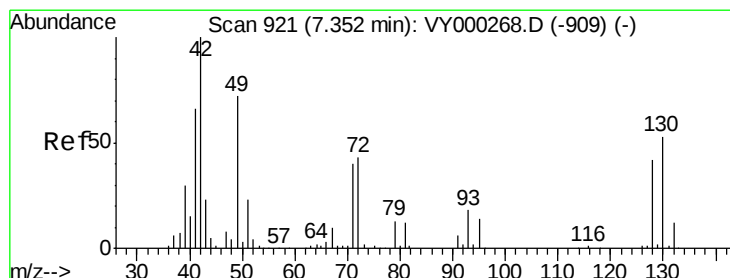
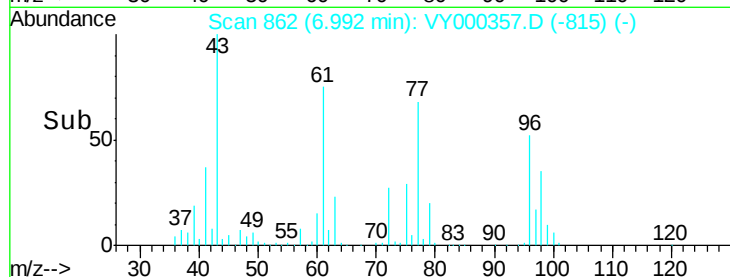
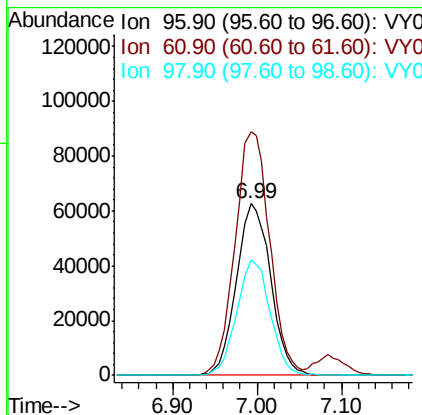
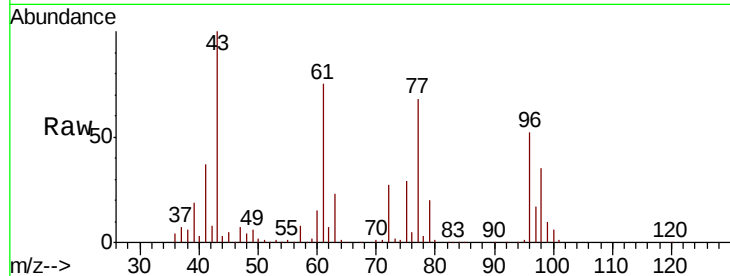
cis-1,2-Dichloroethene  
Concen: 50.726 ug/l  
RT: 6.99 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 143.2 | 0.0   | 289.8 |
| 98      | 65.4  | 0.0   | 131.8 |

Manual Integrations  
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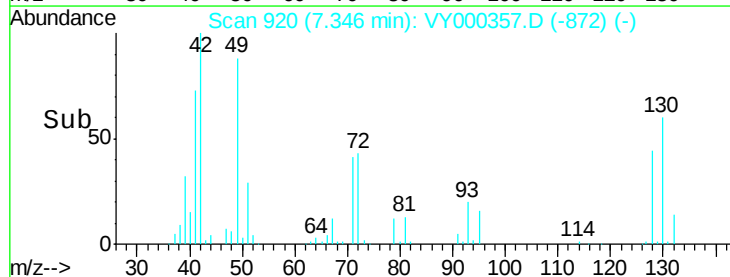
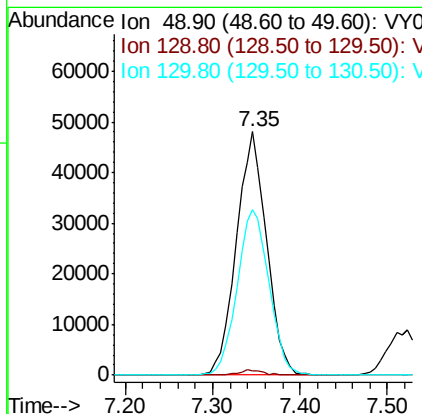
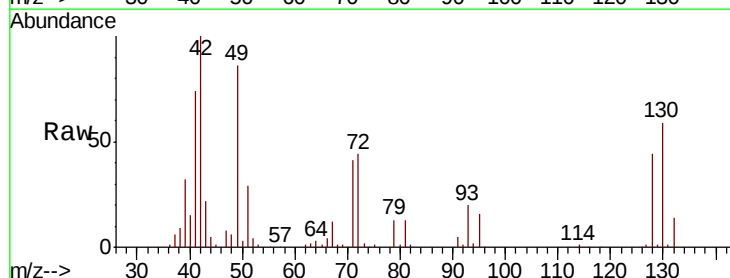
MMDadoda  
10/24/2019 4:33:58 PM

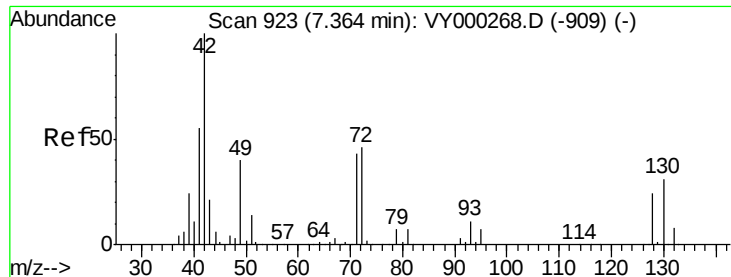


#28

Bromochloromethane  
Concen: 51.198 ug/l  
RT: 7.35 min Scan# 920  
Delta R.T. -0.01 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.7   | 0.0   | 4.0   |
| 130     | 71.7  | 58.2  | 87.2  |





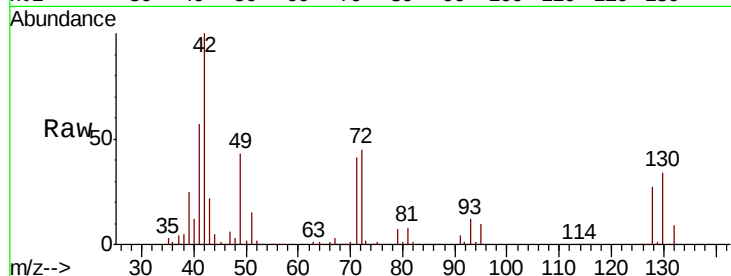
#29  
Tetrahydrofuran  
Concen: 243.795 ug/l  
RT: 7.36 min Scan# 922  
Delta R.T. -0.01 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

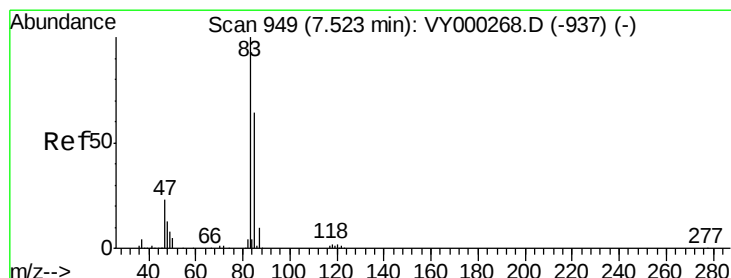
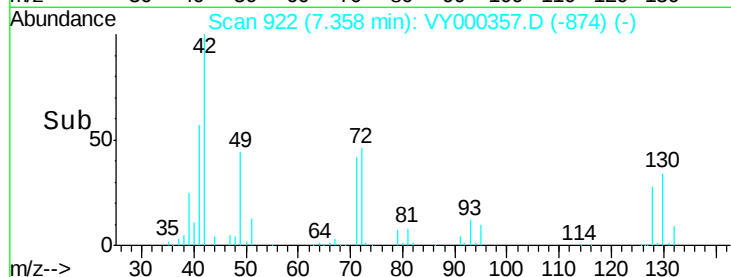
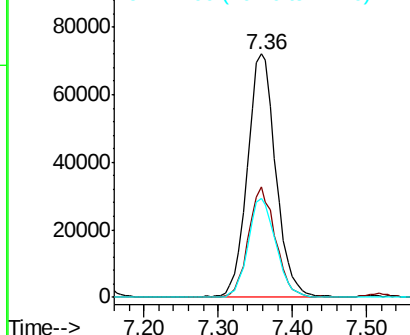
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.0  | 34.5  | 51.7  |
| 71      | 39.9  | 32.7  | 49.1  |

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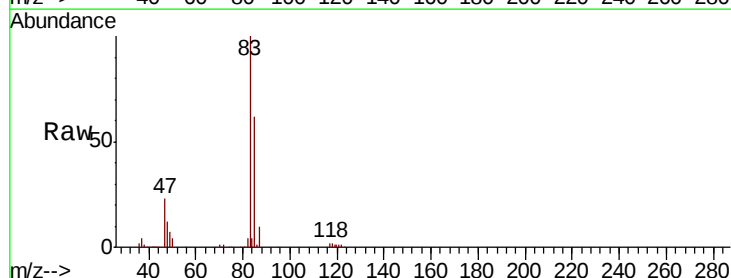


Abundance Ion 42.00 (41.70 to 42.70): VY0  
Ion 72.00 (71.70 to 72.70): VY0  
Ion 71.00 (70.70 to 71.70): VY0

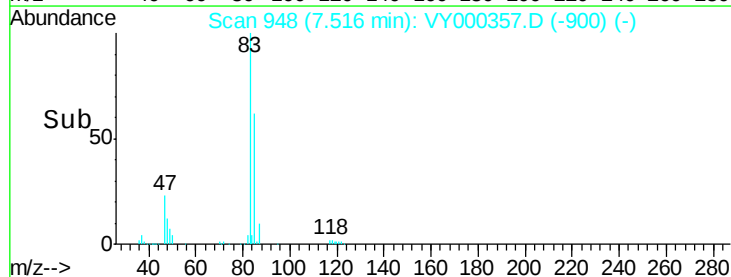
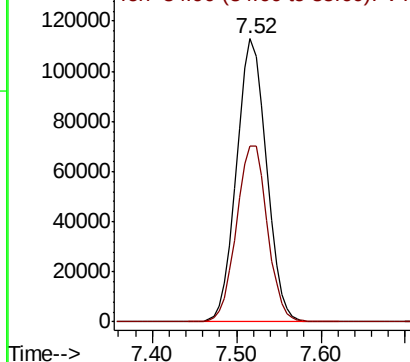


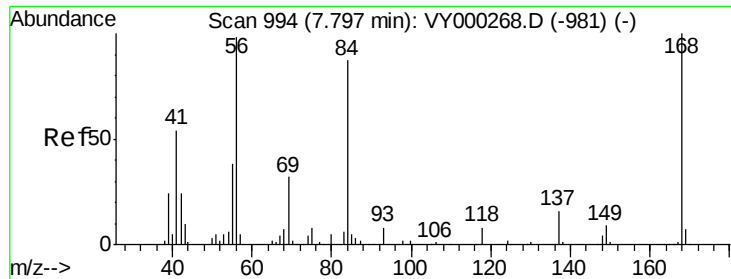
#30  
Chloroform  
Concen: 51.342 ug/l  
RT: 7.52 min Scan# 948  
Delta R.T. -0.01 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.2  | 51.4  | 77.2  |



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





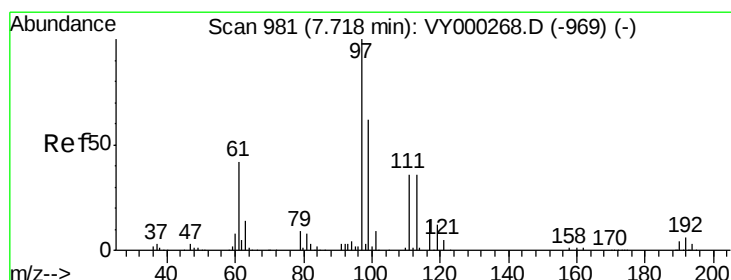
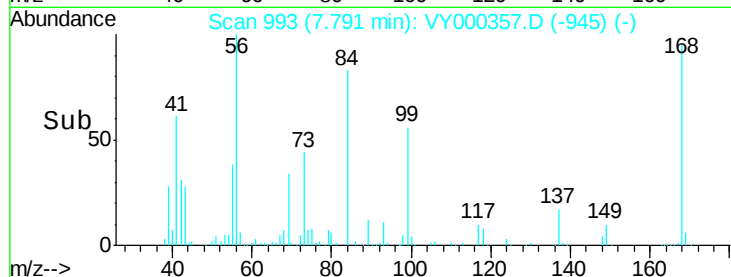
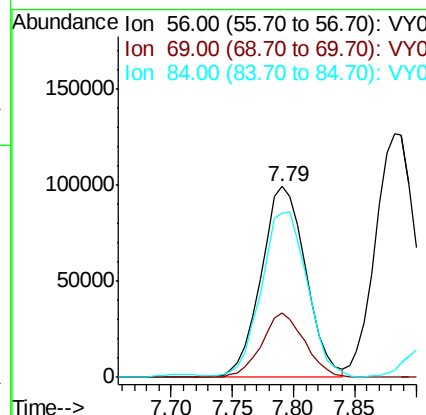
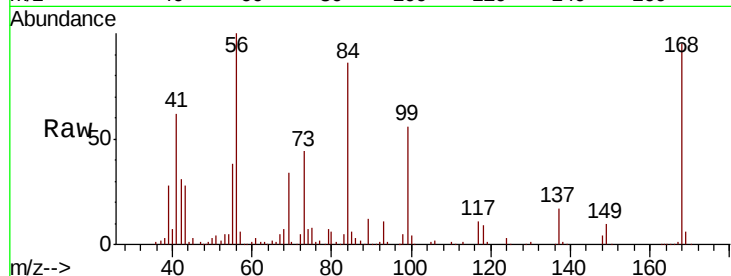
#31  
Cyclohexane  
Concen: 46.407 ug/l  
RT: 7.79 min Scan# 993  
Delta R.T. -0.01 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 33.6  | 26.3  | 39.5  |
| 84      | 84.1  | 70.8  | 106.2 |

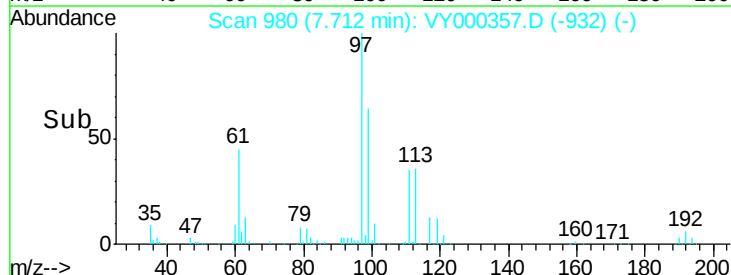
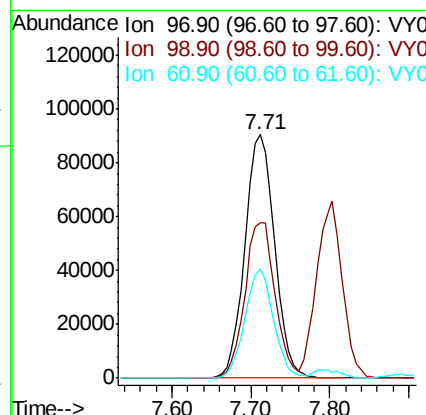
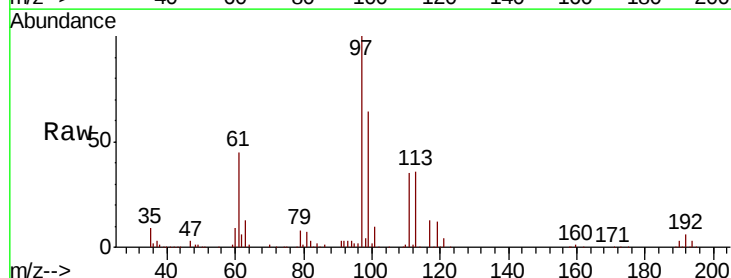
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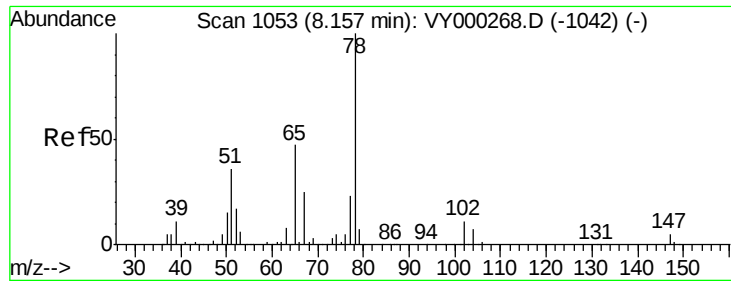
MMDadoda  
10/24/2019 4:33:58 PM



#32  
1,1,1-Trichloroethane  
Concen: 50.619 ug/l  
RT: 7.71 min Scan# 980  
Delta R.T. -0.01 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.0  | 51.7  | 77.5  |
| 61      | 43.2  | 34.5  | 51.7  |





#33

1,2-Dichloroethane-d4

Concen: 51.236 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 146594

Ion Ratio Lower Upper

65 100

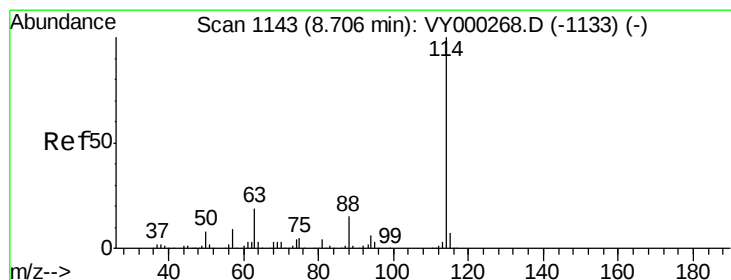
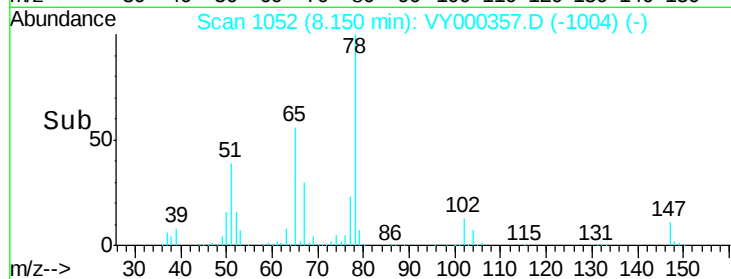
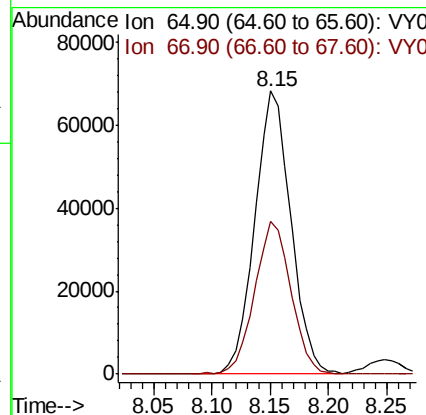
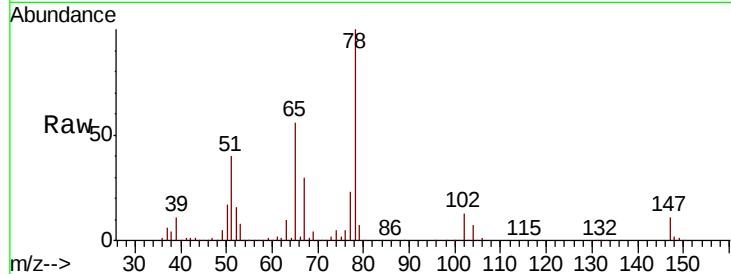
67 54.3 0.0 109.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

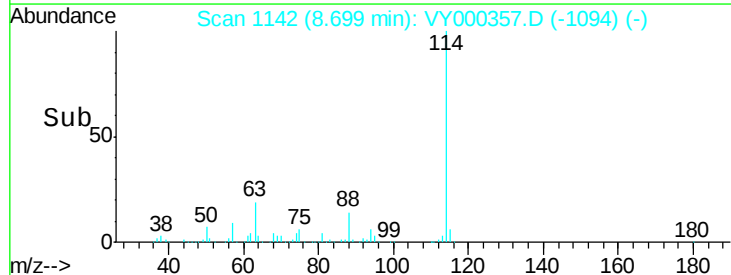
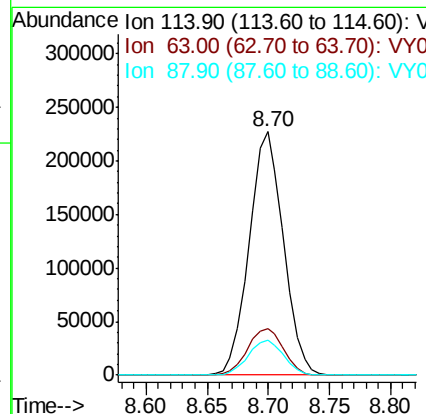
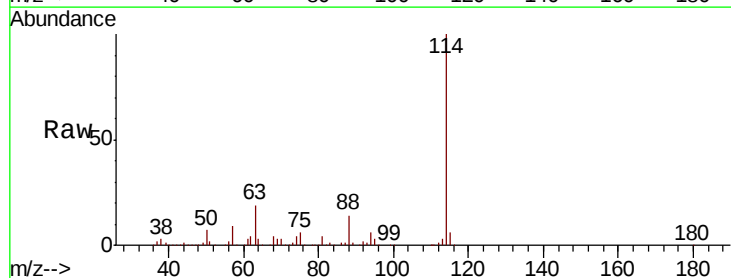
Tgt Ion: 114 Resp: 442089

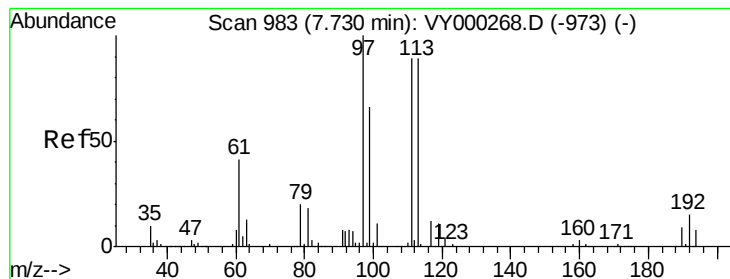
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.2

88 14.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.172 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Instrument :

MSVOA\_Y

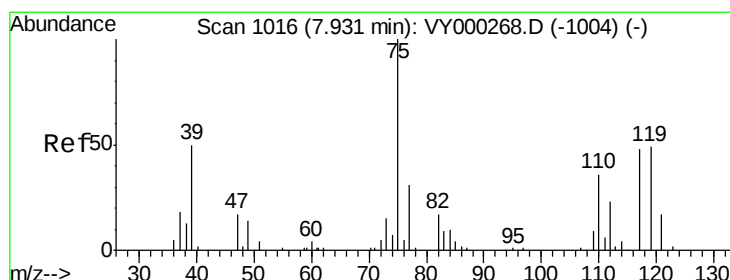
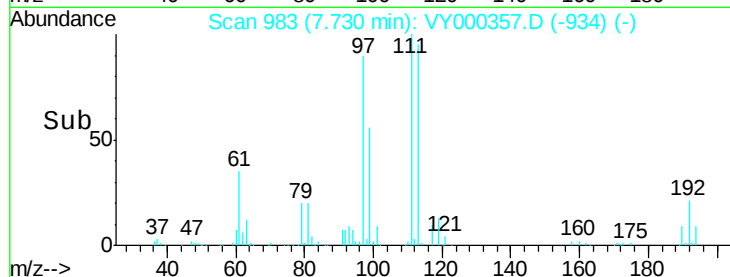
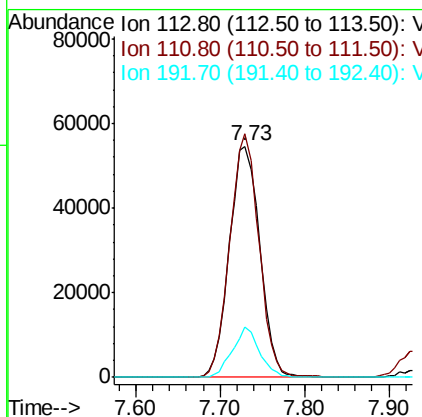
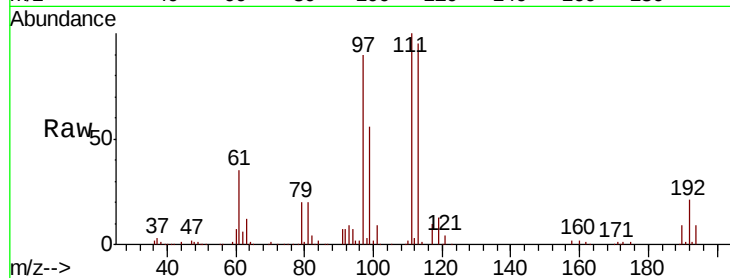
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 133794 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 99.8  | 81.6  | 122.4  |
| 192       | 19.2  | 15.3  | 22.9   |

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#36

1,1-Dichloropropene

Concen: 49.062 ug/l

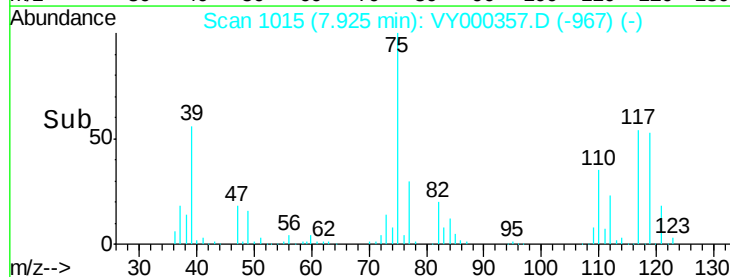
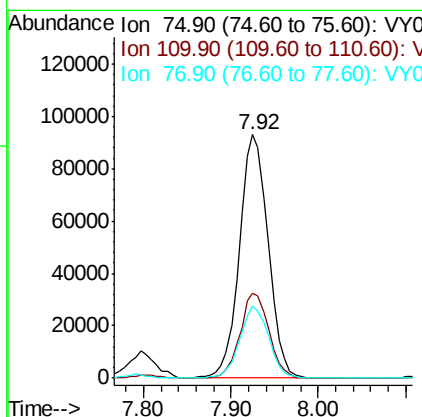
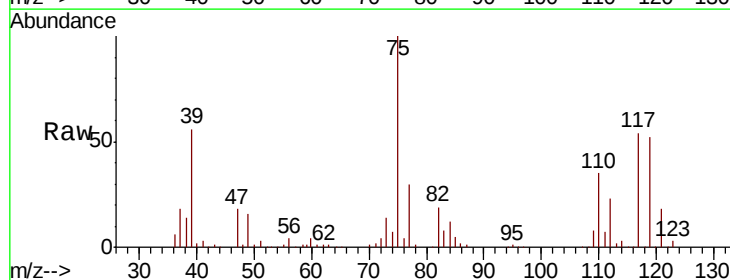
RT: 7.92 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 212357 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 34.9  | 18.4  | 55.4   |
| 77        | 29.9  | 25.0  | 37.6   |





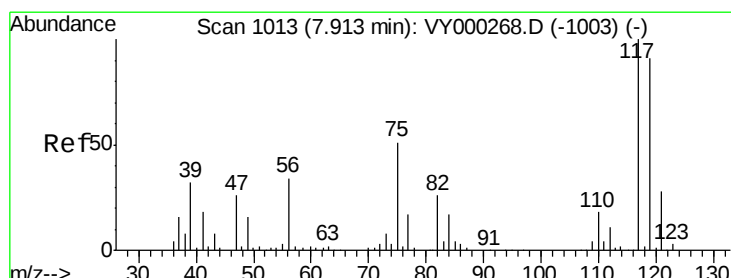
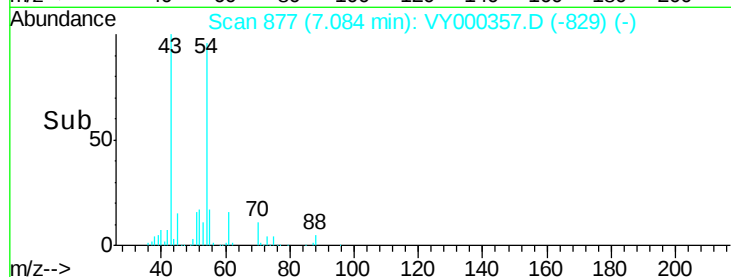
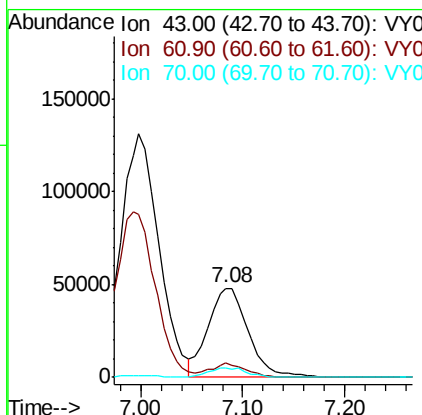
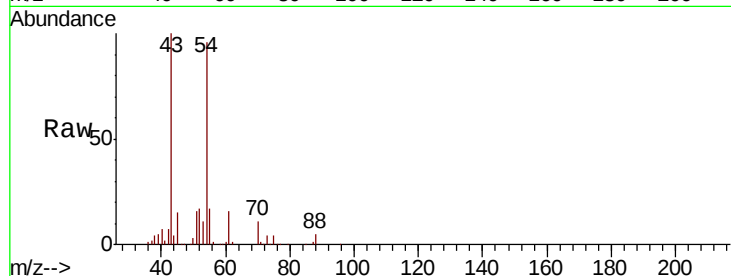
#37  
Ethyl Acetate  
Concen: 51.312 ug/l  
RT: 7.08 min Scan# 877  
Delta R.T. -0.01 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.9  | 12.1  | 18.1  |
| 70      | 10.3  | 8.7   | 13.1  |

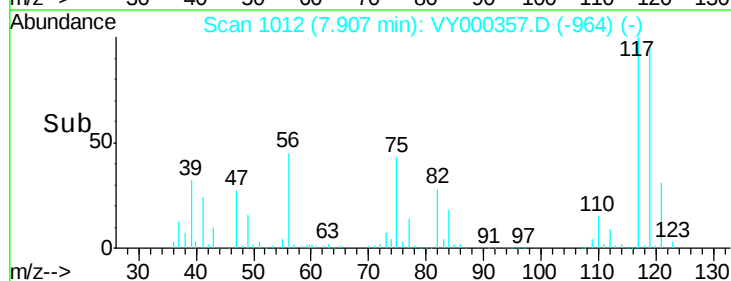
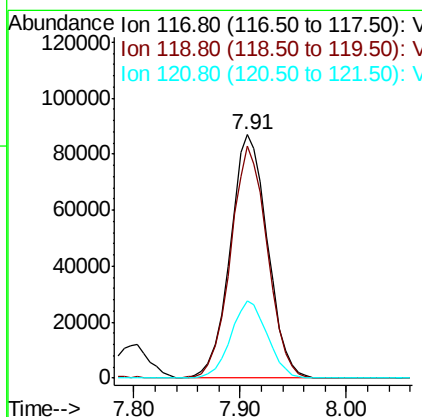
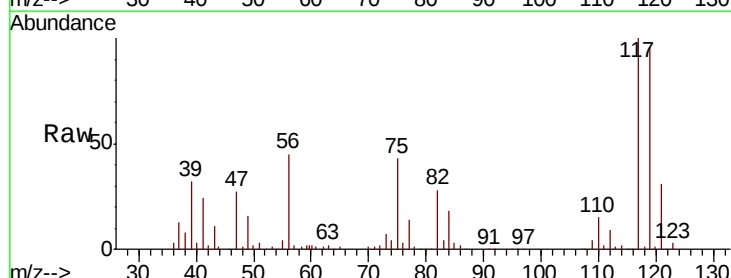
Manual Integrations  
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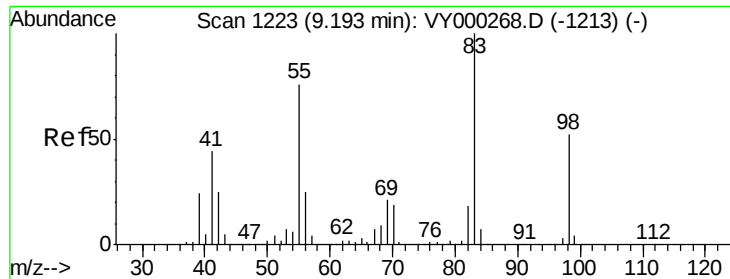
MMDadoda  
10/24/2019 4:33:58 PM



#38  
Carbon Tetrachloride  
Concen: 50.960 ug/l  
RT: 7.91 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.5  | 72.8  | 109.2 |
| 121     | 31.5  | 22.2  | 33.2  |





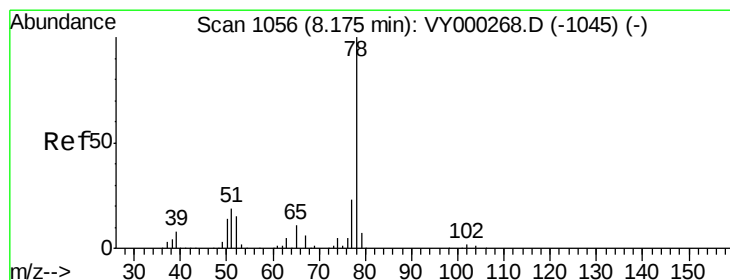
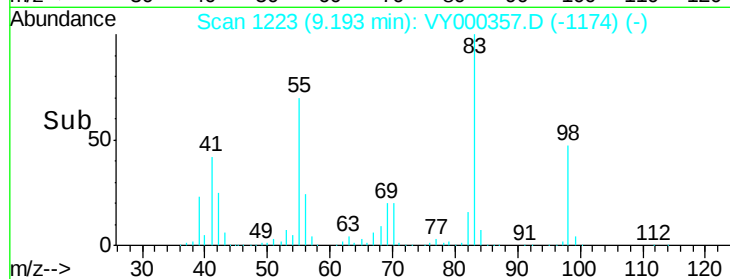
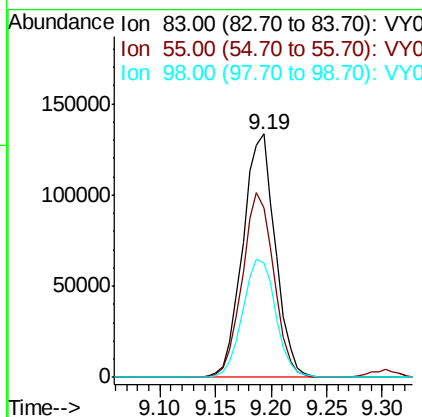
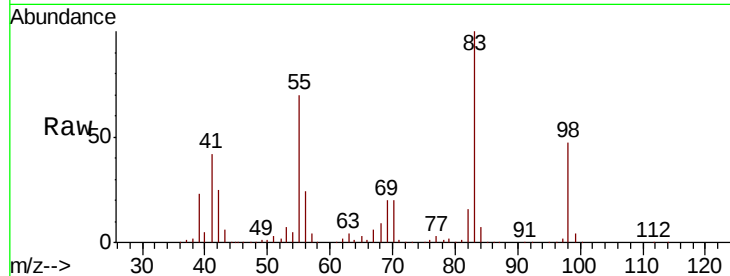
#39  
Methvlcvclohexane  
Concen: 47.751 ug/l  
RT: 9.19 min Scan# 1223  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 83   | Resp  | 270505 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 55        | 69.7 | 60.9  | 91.3   |
| 98        | 47.1 | 41.8  | 62.6   |

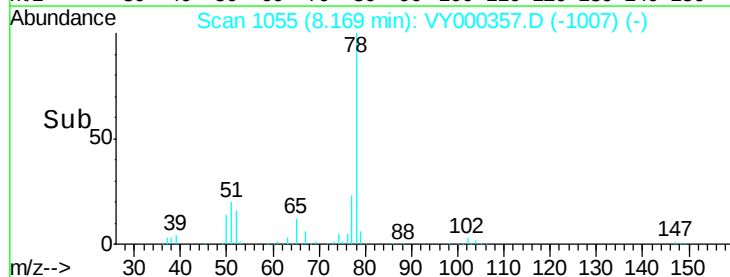
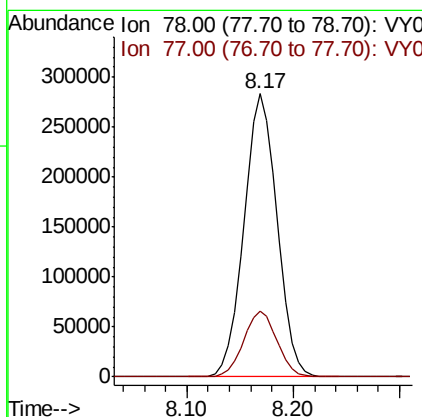
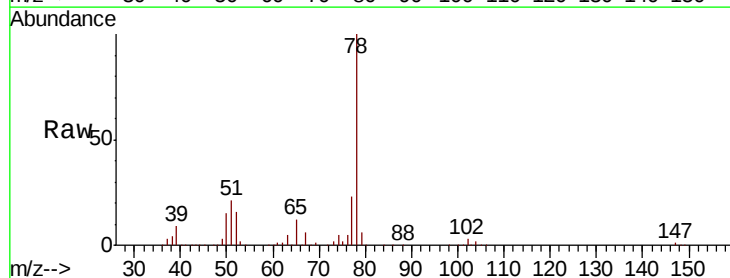
Manual Integrations  
APPROVED

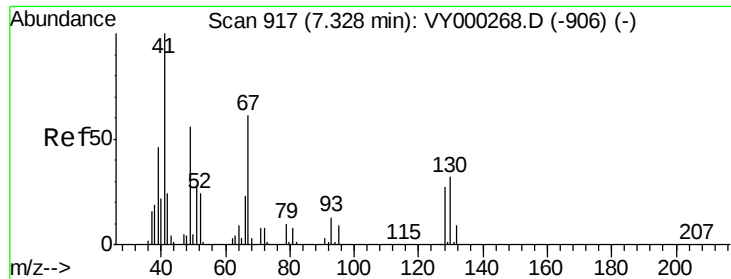
MMDadoda  
10/24/2019 4:33:58 PM



#40  
Benzene  
Concen: 49.492 ug/l  
RT: 8.17 min Scan# 1055  
Delta R.T. -0.01 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

| Tgt Ion   | 78   | Resp  | 619065 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 78        | 100  |       |        |
| 77        | 23.1 | 18.8  | 28.2   |





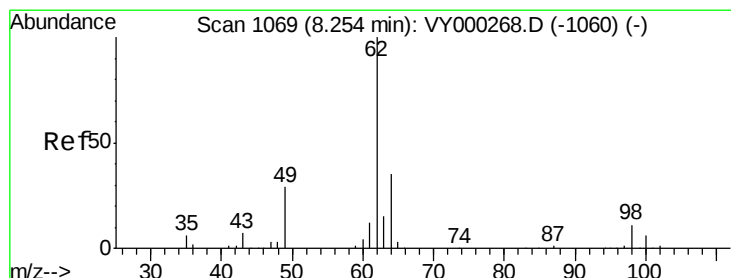
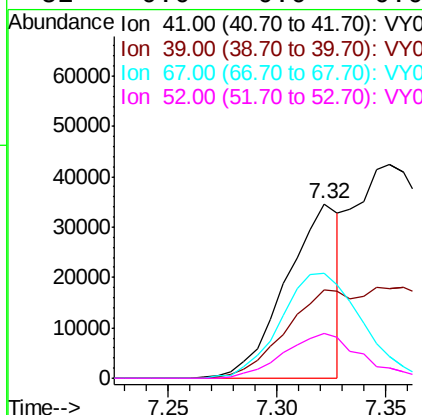
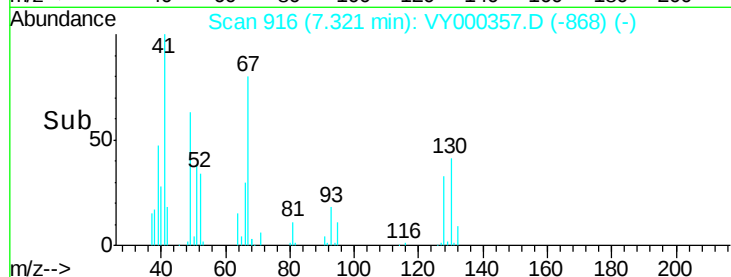
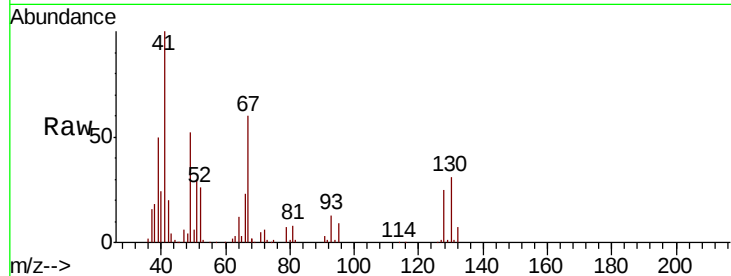
#41  
Methacrylonitrile  
Concen: 48.658 ug/l m  
RT: 7.32 min Scan# 916  
Delta R.T. -0.01 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 41      | 100 |       | 59360  |       |       |
| 39      | 0.0 | 110.2 | 165.2# |       |       |
| 67      | 0.0 | 0.0   | 0.0    |       |       |
| 52      | 0.0 | 0.0   | 0.0    |       |       |

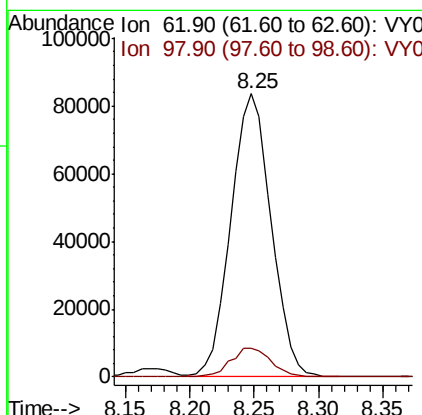
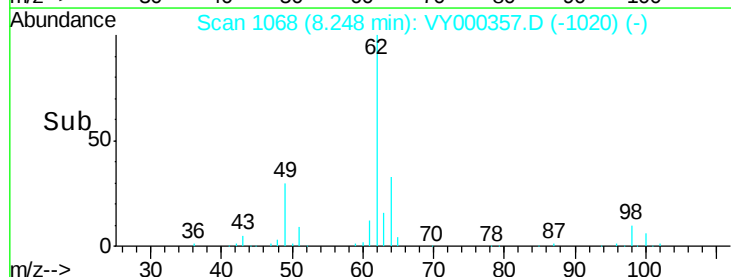
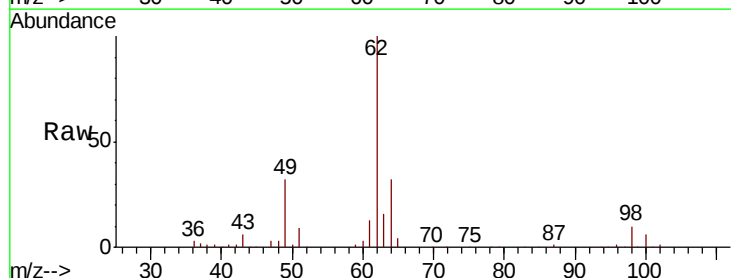
Manual Integrations  
APPROVED

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10/24/2019 4:33:58 PM



#42  
1,2-Dichloroethane  
Concen: 50.636 ug/l  
RT: 8.25 min Scan# 1068  
Delta R.T. -0.01 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 62      | 100  |       | 180923 |       |       |
| 98      | 10.2 | 0.0   | 20.6   |       |       |





#43

Isopropyl Acetate

Concen: 51.098 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Instrument :

MSVOA\_Y

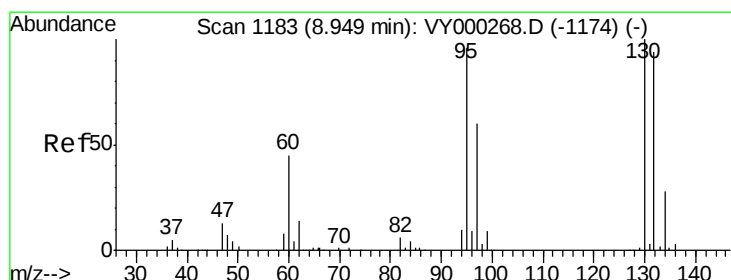
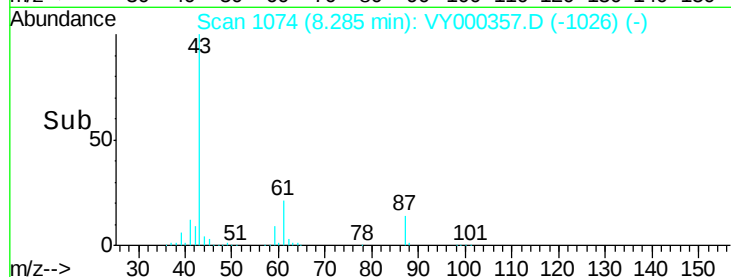
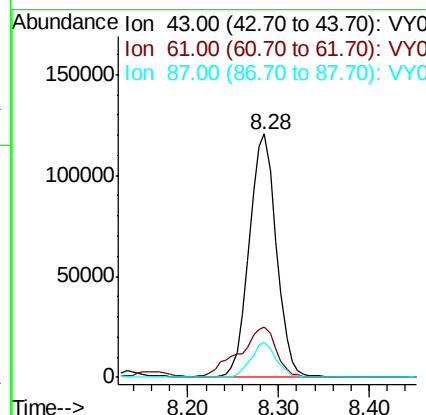
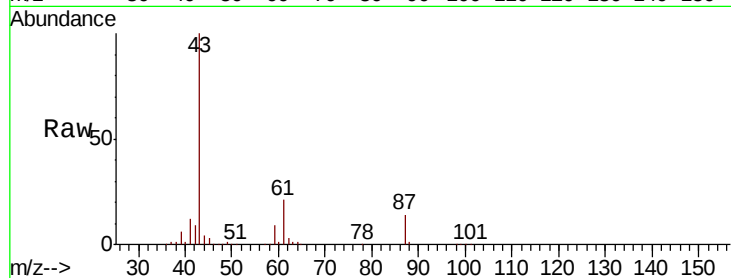
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 249007 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 28.4  | 22.3  | 33.5   |
| 87       | 13.7  | 10.9  | 16.3   |

Manual Integrations  
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MMDadoda  
10/24/2019 4:33:58 PM



#44

Trichloroethene

Concen: 48.047 ug/l

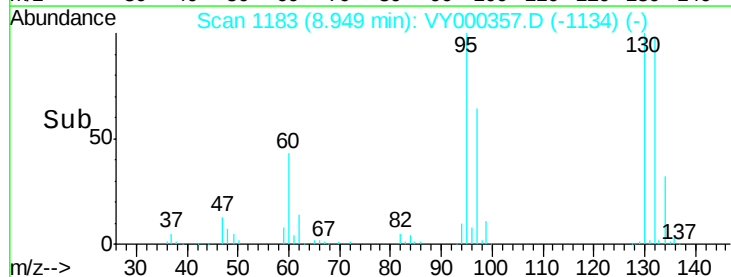
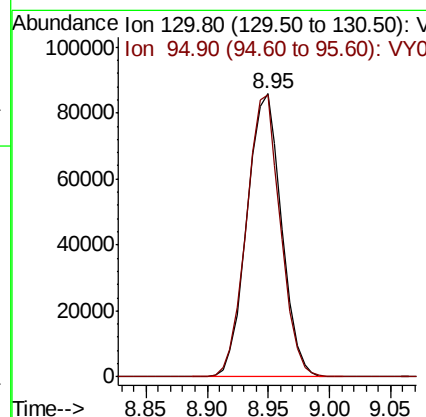
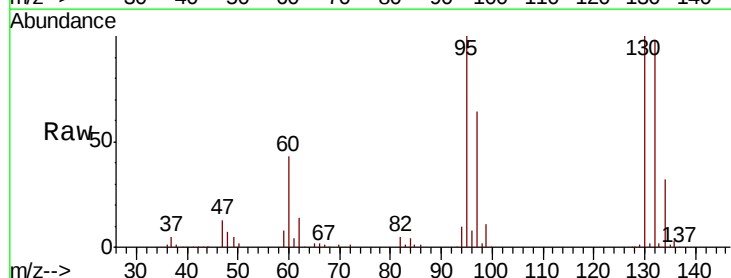
RT: 8.95 min Scan# 1183

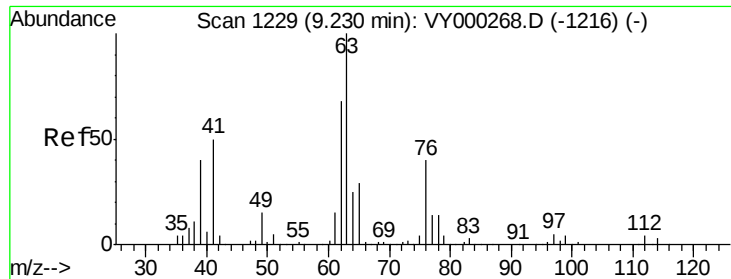
Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 168630 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 99.8  | 0.0   | 191.4  |





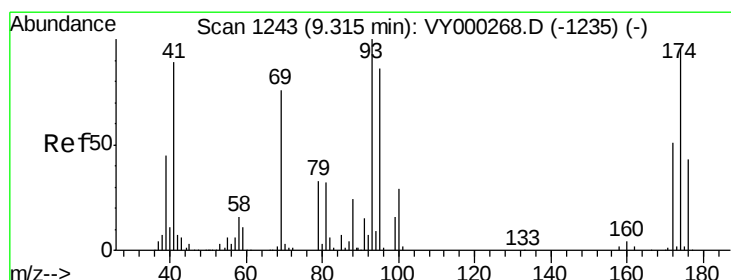
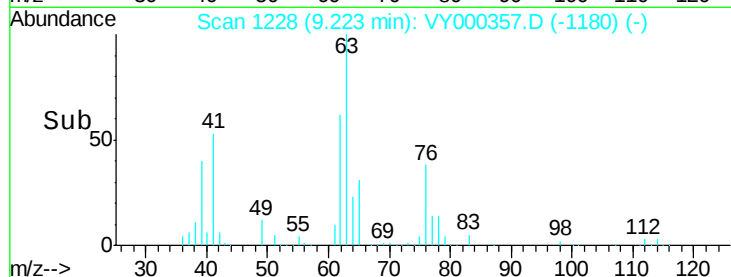
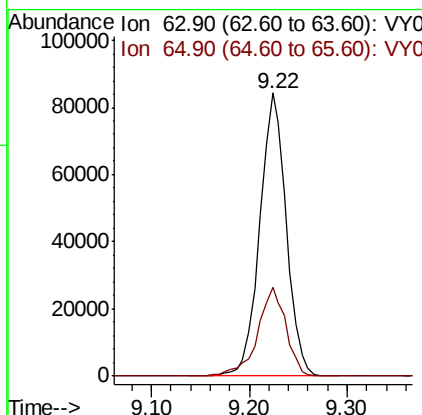
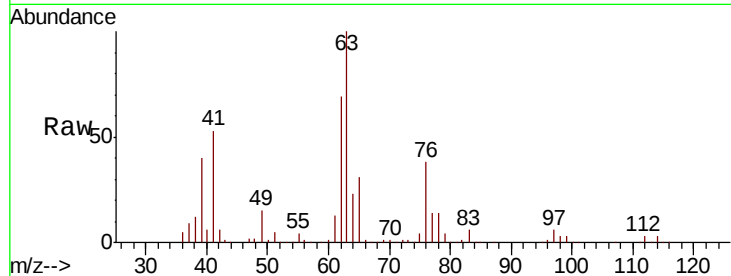
#45  
 1,2-Dichloropropane  
 Concen: 51.883 ug/l  
 RT: 9.22 min Scan# 1228  
 Delta R.T. -0.01 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 159260  
 Ion Ratio Lower Upper  
 63 100  
 65 31.4 23.2 34.8

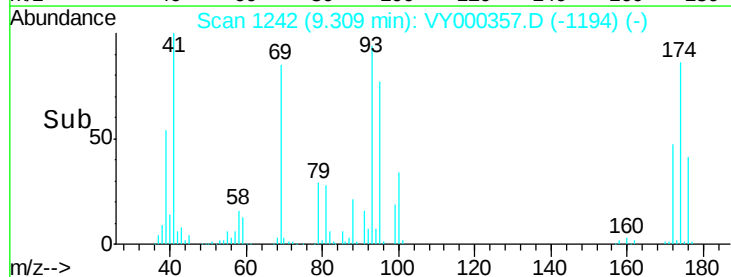
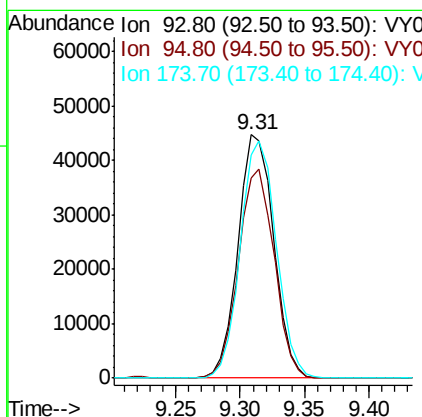
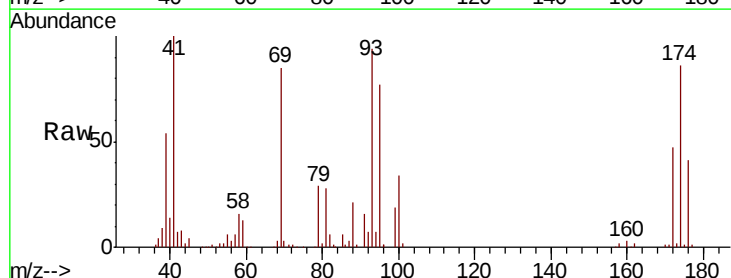
Manual Integrations  
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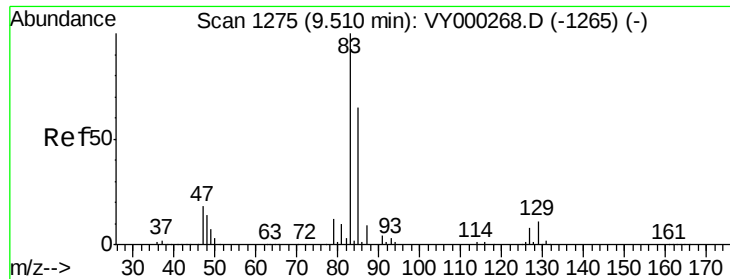
MMDadoda  
 10/24/2019 4:33:58 PM



#46  
 Dibromomethane  
 Concen: 49.899 ug/l  
 RT: 9.31 min Scan# 1242  
 Delta R.T. -0.01 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

Tgt Ion: 93 Resp: 85625  
 Ion Ratio Lower Upper  
 93 100  
 95 85.8 68.2 102.2  
 174 98.4 79.8 119.6





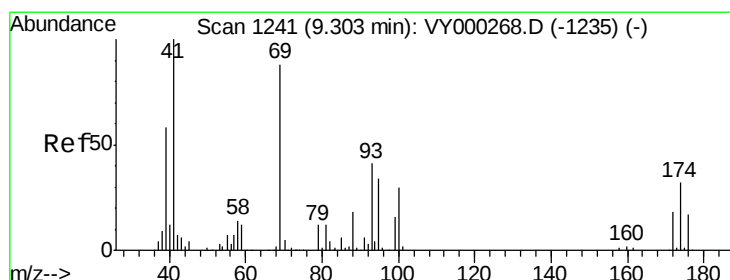
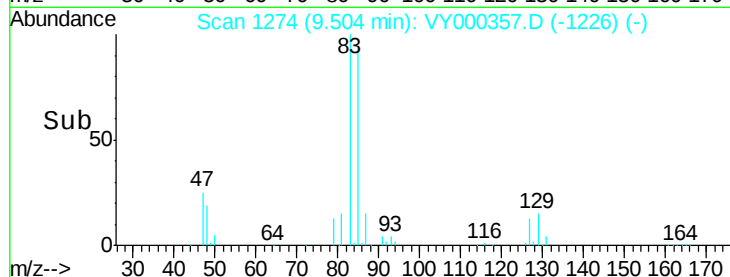
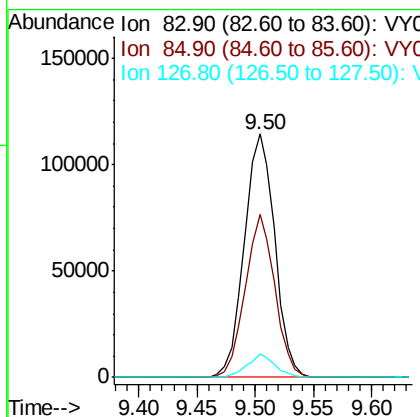
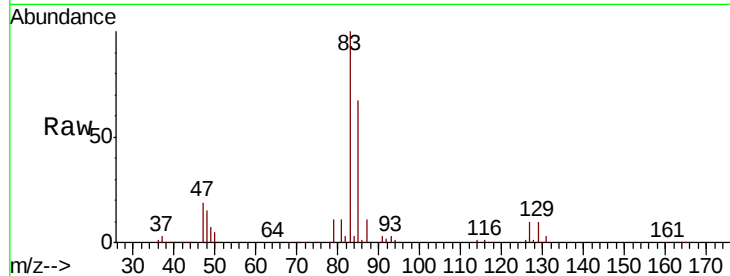
#47  
Bromodichloromethane  
Concen: 51.681 ug/l  
RT: 9.50 min Scan# 1274  
Delta R.T. -0.01 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 83   | Resp  | 209001 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 66.7 | 52.2  | 78.2   |
| 127       | 9.5  | 6.3   | 9.5#   |

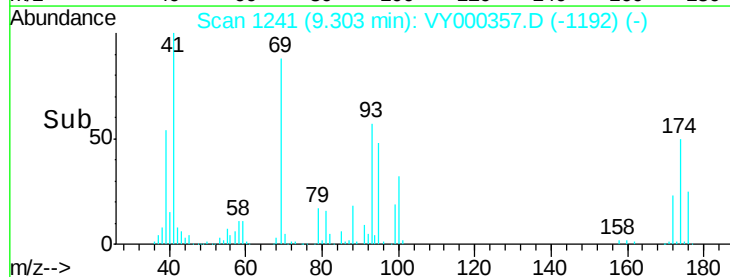
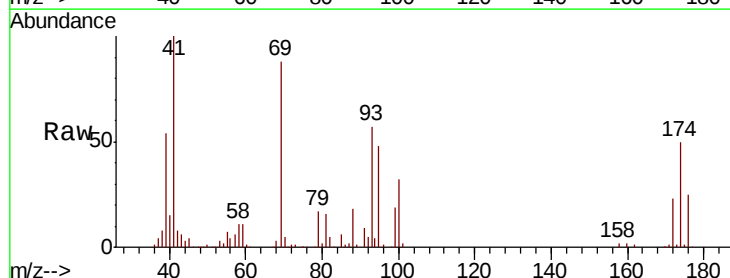
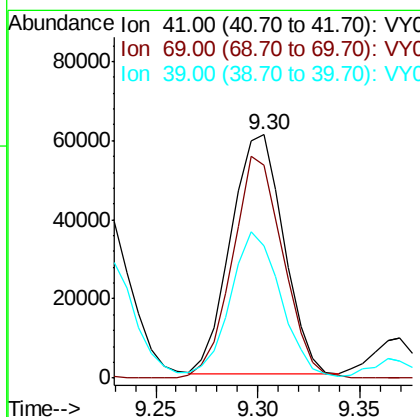
Manual Integrations  
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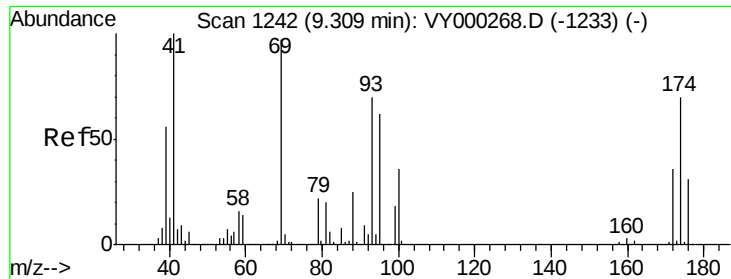
MMDadoda  
10/24/2019 4:33:58 PM



#48  
Methyl methacrylate  
Concen: 51.246 ug/l  
RT: 9.30 min Scan# 1241  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

| Tgt Ion   | 41   | Resp  | 109444 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 41        | 100  |       |        |
| 69        | 89.2 | 70.0  | 105.0  |
| 39        | 58.3 | 47.7  | 71.5   |





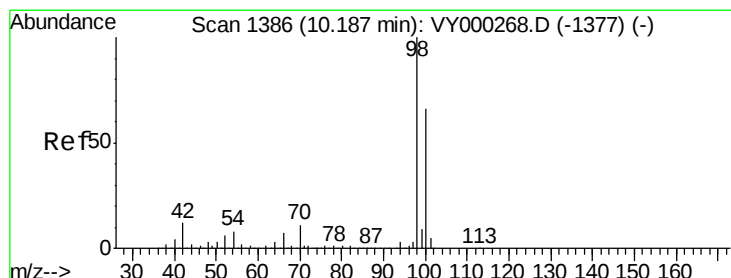
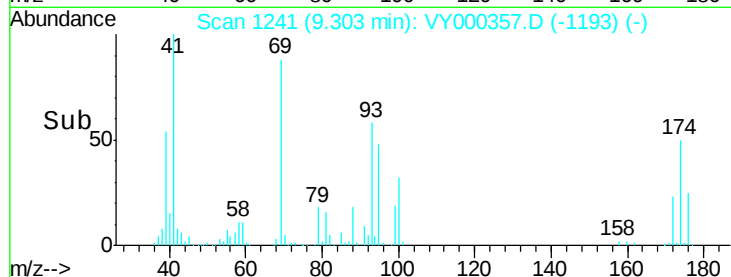
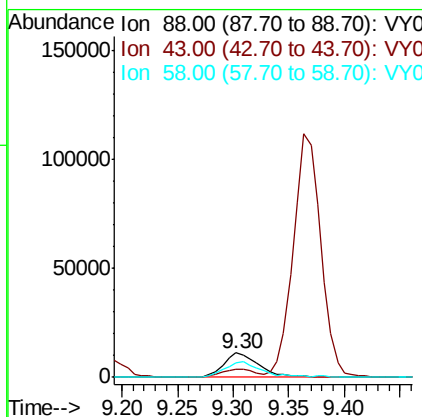
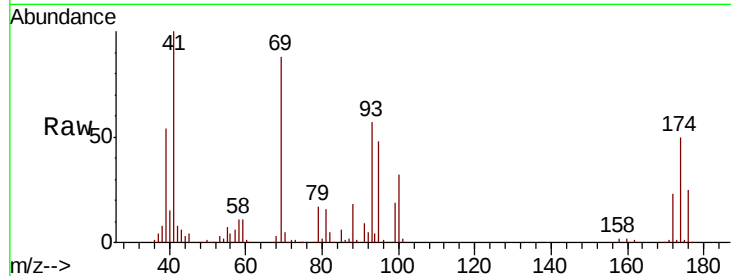
#49  
1,4-Dioxane  
Concen: 956.129 ug/l  
RT: 9.30 min Scan# 1241  
Delta R.T. -0.01 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 88   | Resp  | 24600 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 88        | 100  |       |       |
| 43        | 33.5 | 25.6  | 38.4  |
| 58        | 68.1 | 54.6  | 81.8  |

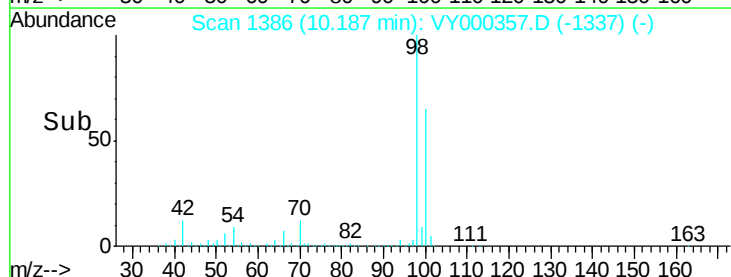
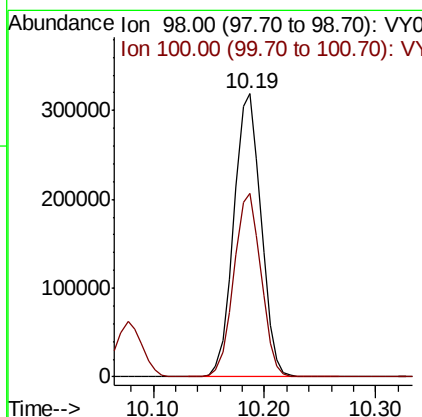
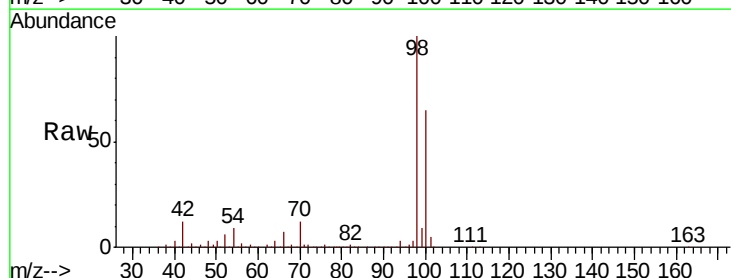
Manual Integrations  
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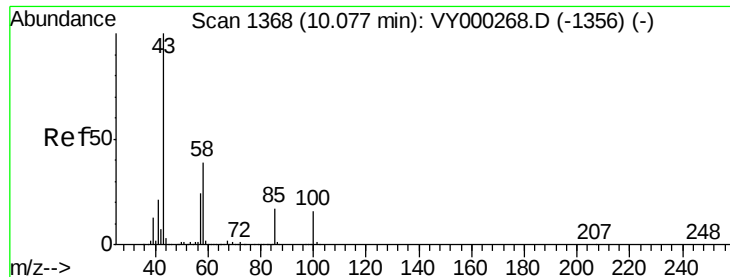
MMDadoda  
10/24/2019 4:33:58 PM



#50  
Toluene-d8  
Concen: 52.550 ug/l  
RT: 10.19 min Scan# 1386  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

| Tgt Ion   | 98   | Resp  | 539067 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 98        | 100  |       |        |
| 100       | 65.1 | 52.8  | 79.2   |





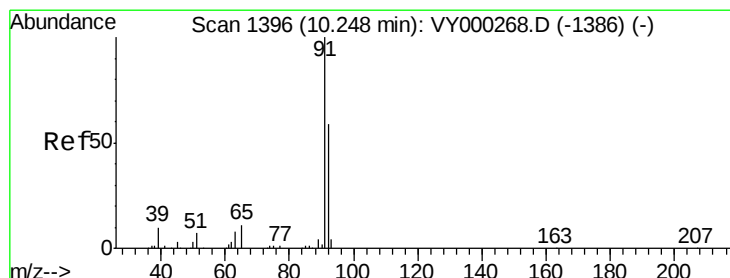
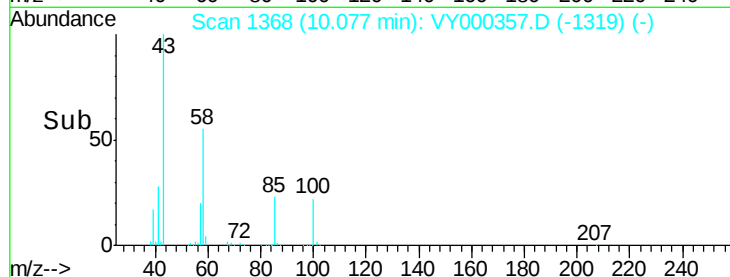
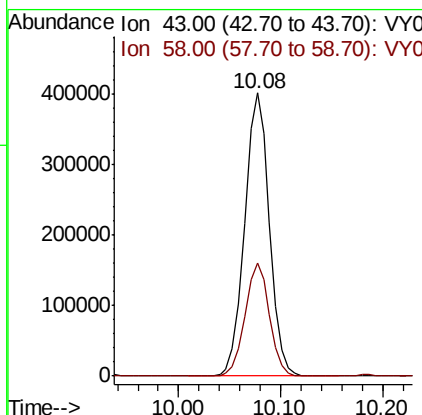
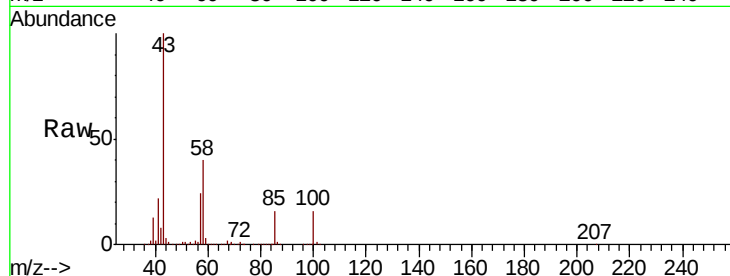
#51  
4-Methyl-2-Pentanone  
Concen: 267.926 ug/l  
RT: 10.08 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 673414  
Ion Ratio Lower Upper  
43 100  
58 39.5 31.0 46.6

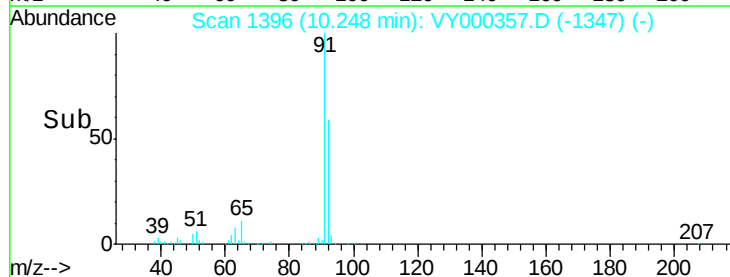
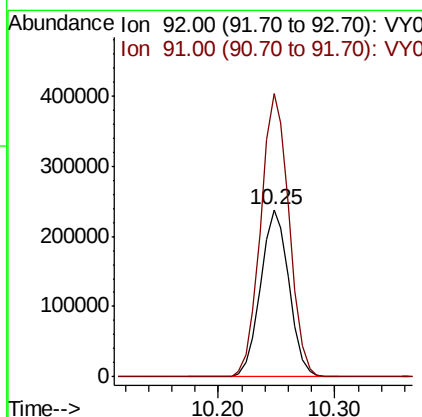
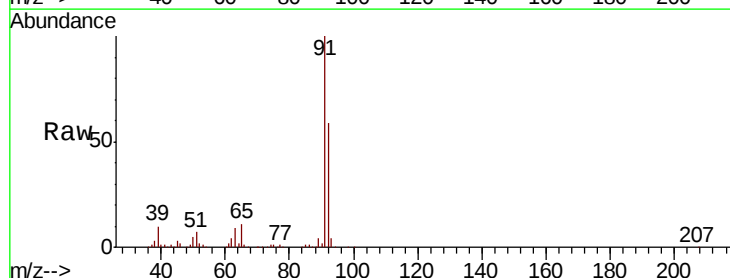
Manual Integrations  
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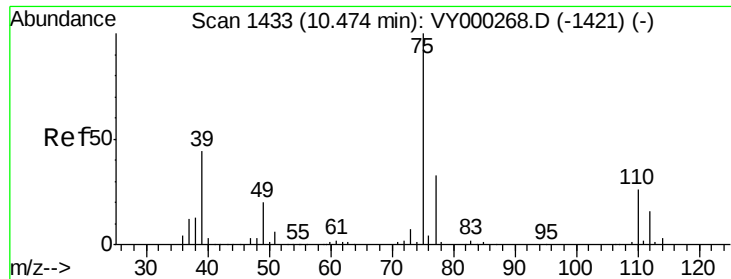
MMDadoda  
10/24/2019 4:33:58 PM



#52  
Toluene  
Concen: 50.827 ug/l  
RT: 10.25 min Scan# 1396  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Tgt Ion: 92 Resp: 403646  
Ion Ratio Lower Upper  
92 100  
91 169.4 136.6 205.0





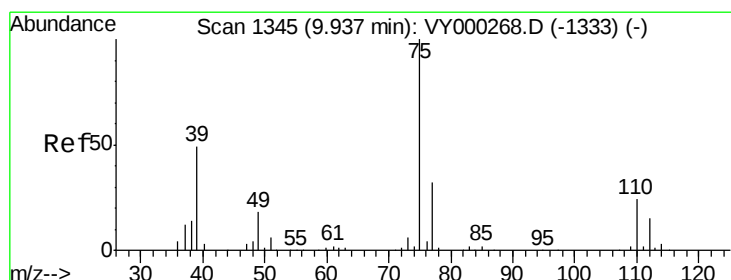
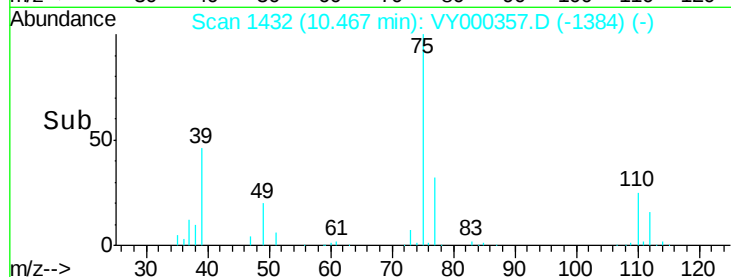
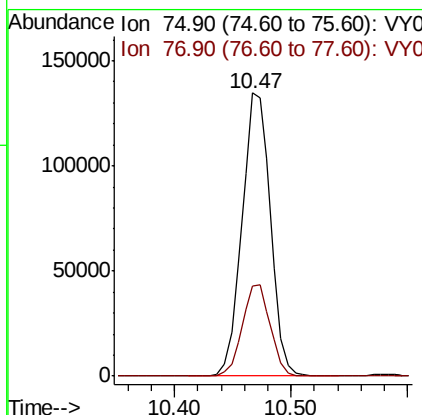
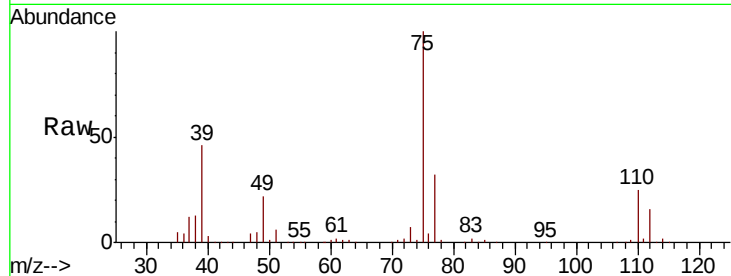
#53  
 t-1,3-Dichloropropene  
 Concen: 52.924 ug/l  
 RT: 10.47 min Scan# 1432  
 Delta R.T. -0.01 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 75 Resp: 229373  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 26.0 39.0

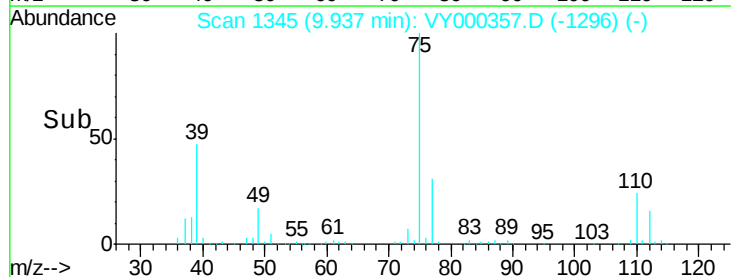
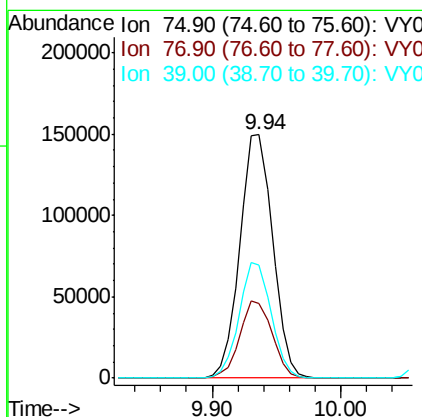
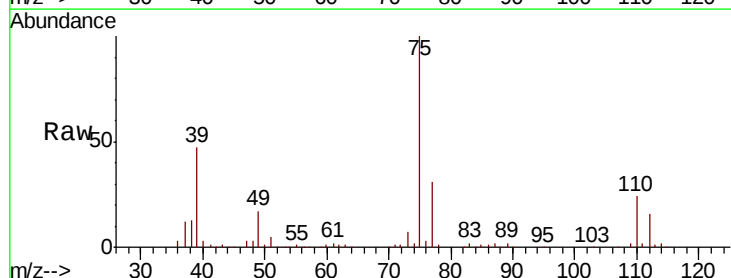
Manual Integrations  
 APPROVED

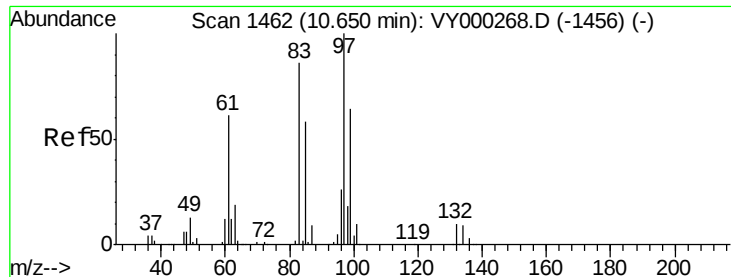
MMDadoda  
 10/24/2019 4:33:58 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.670 ug/l  
 RT: 9.94 min Scan# 1345  
 Delta R.T. -0.00 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

Tgt Ion: 75 Resp: 264156  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 26.0 39.0  
 39 46.5 38.8 58.2





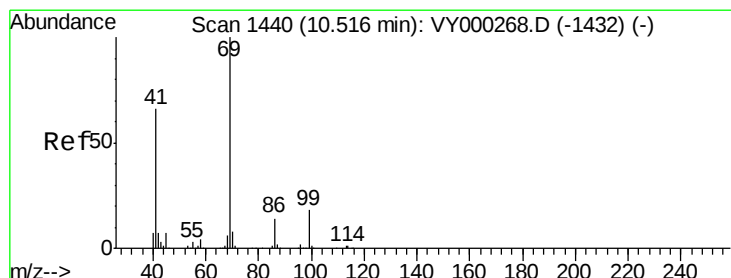
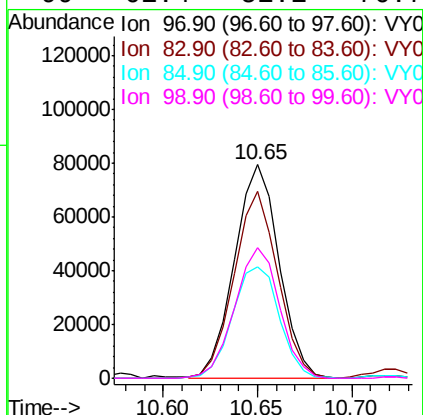
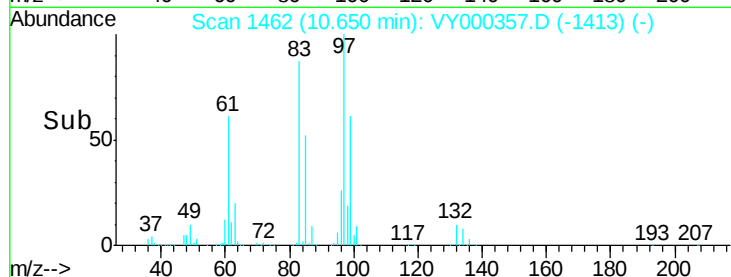
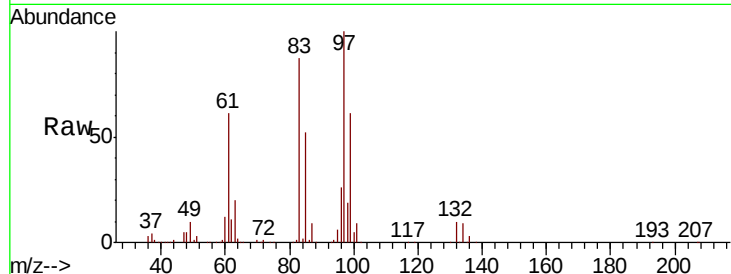
#55  
 1,1,2-Trichloroethane  
 Concen: 51.958 ug/l  
 RT: 10.65 min Scan# 1462  
 Delta R.T. -0.00 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 129633 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 87.3  | 69.0  | 103.6  |
| 85       | 52.1  | 46.2  | 69.4   |
| 99       | 61.4  | 51.1  | 76.7   |

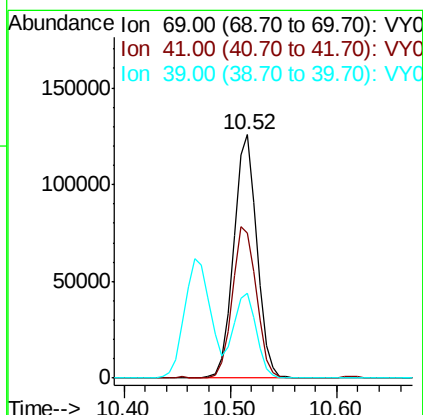
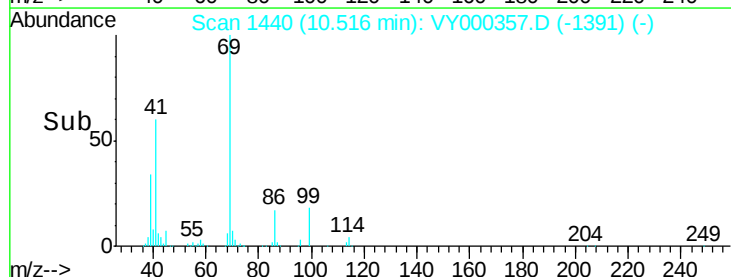
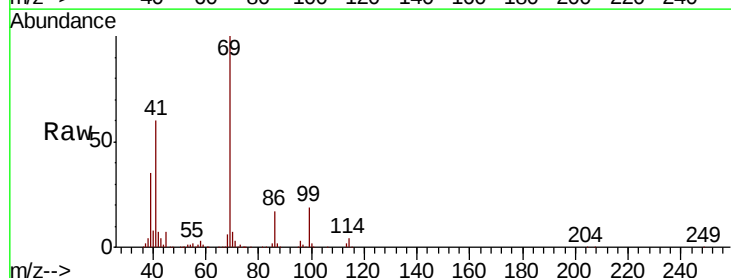
Manual Integrations  
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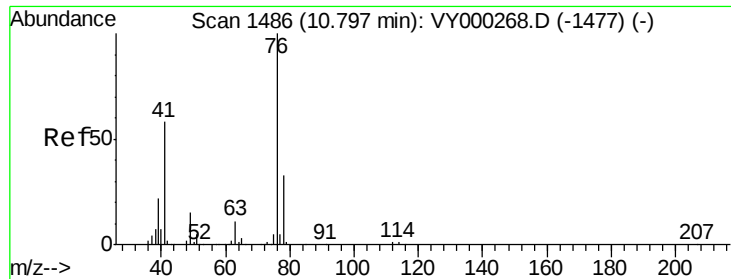
MMDadoda  
 10/24/2019 4:33:58 PM



#56  
 Ethyl methacrylate  
 Concen: 54.059 ug/l  
 RT: 10.52 min Scan# 1440  
 Delta R.T. -0.00 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 192245 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 64.4  | 52.5  | 78.7   |
| 39       | 34.6  | 26.7  | 40.1   |





#57

1,3-Dichloropropane

Concen: 52.142 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 223420

Ion Ratio Lower Upper

76 100

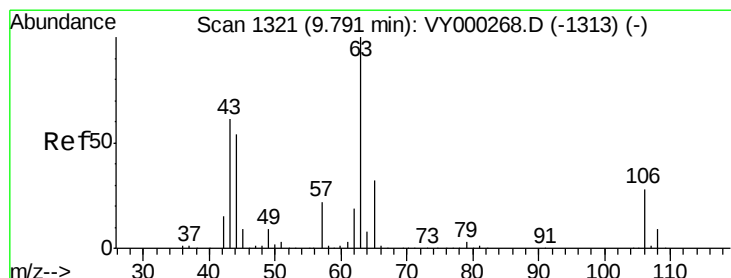
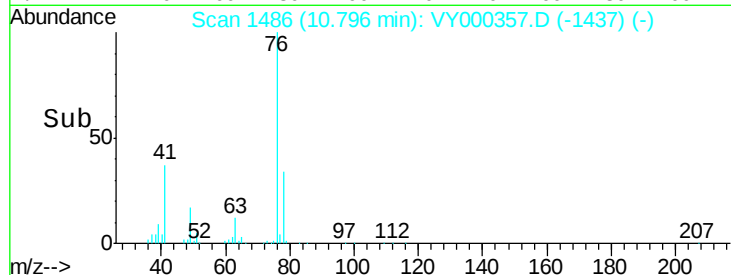
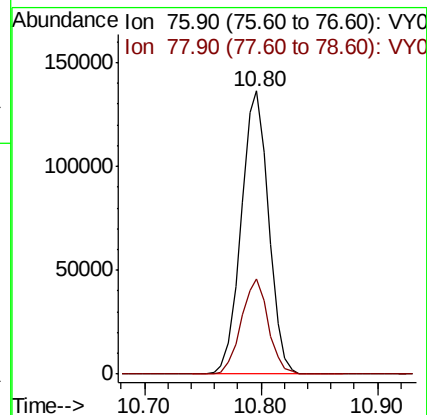
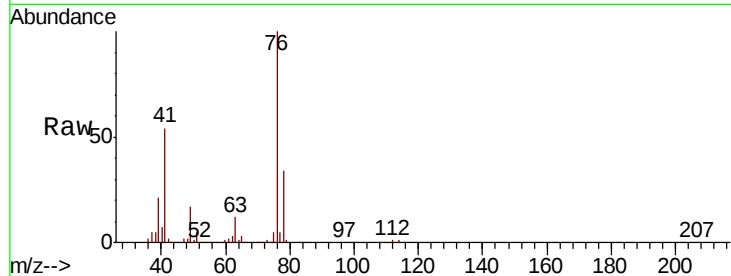
78 33.2 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 325.104 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000357.D

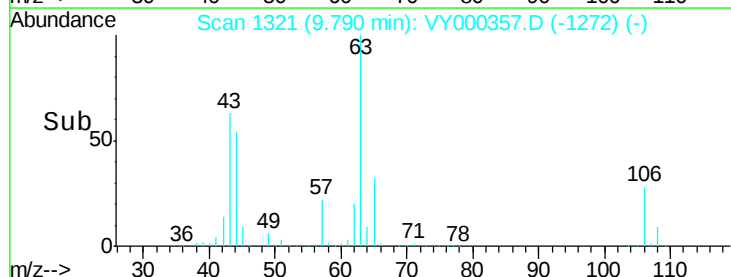
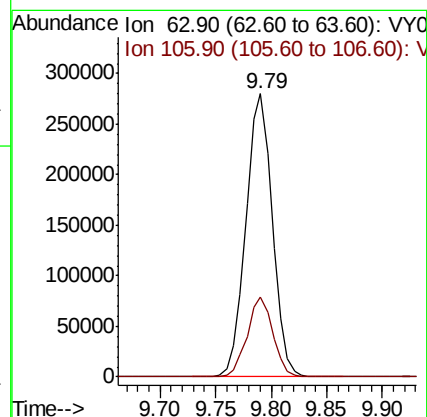
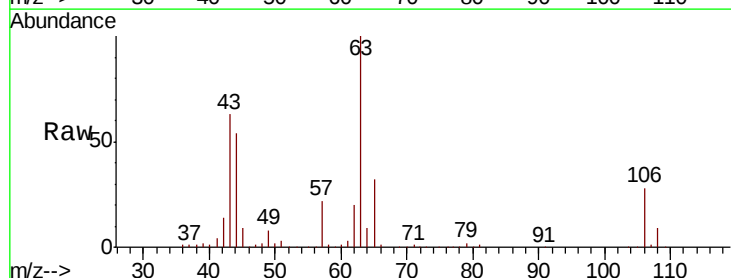
Acq: 22 Oct 2019 11:39

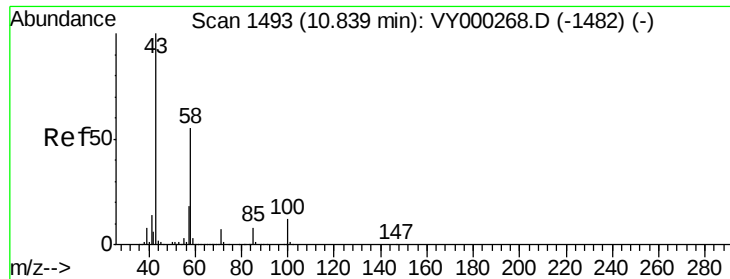
Tgt Ion: 63 Resp: 461147

Ion Ratio Lower Upper

63 100

106 27.4 23.0 34.4





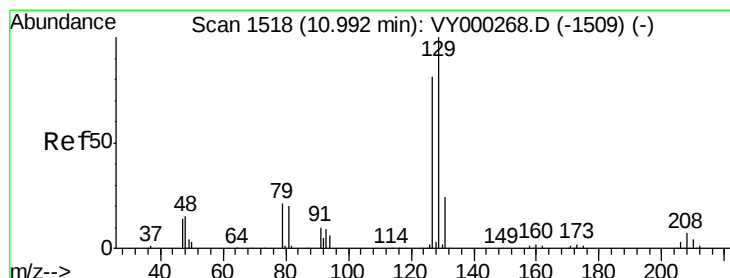
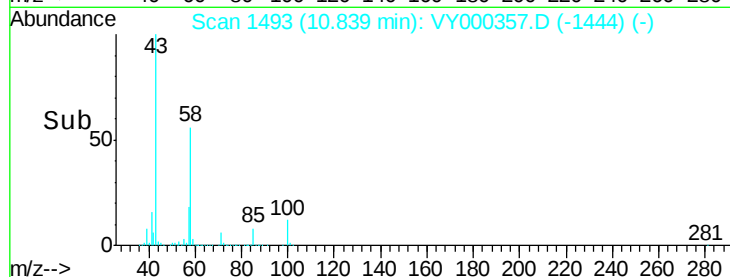
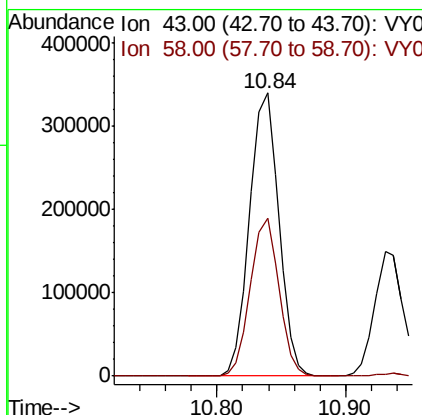
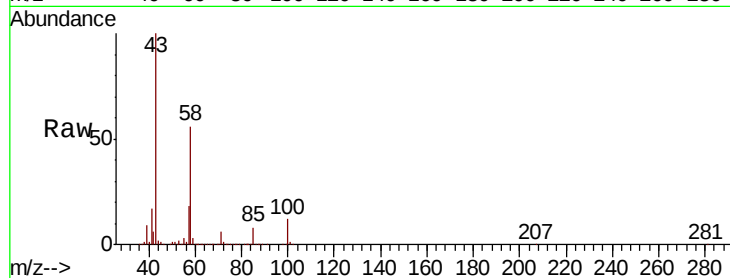
#59  
2-Hexanone  
Concen: 302.273 ug/l  
RT: 10.84 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 533274  
Ion Ratio Lower Upper  
43 100  
58 54.6 27.7 83.1

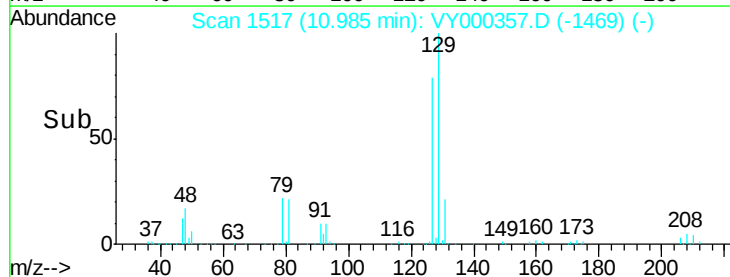
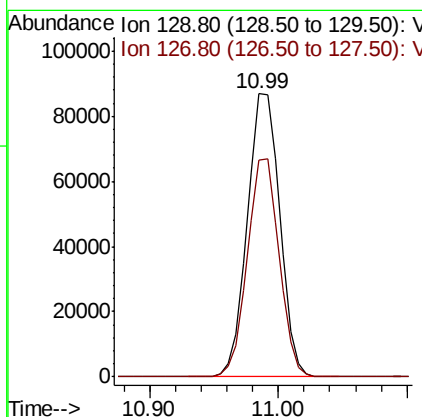
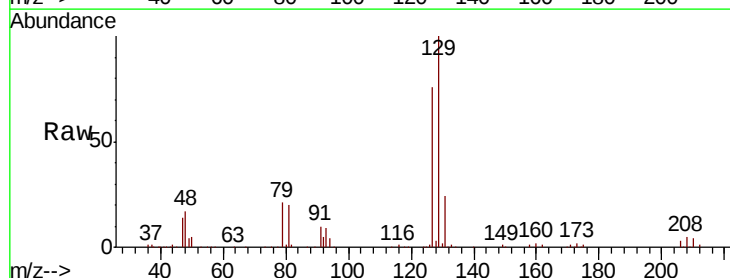
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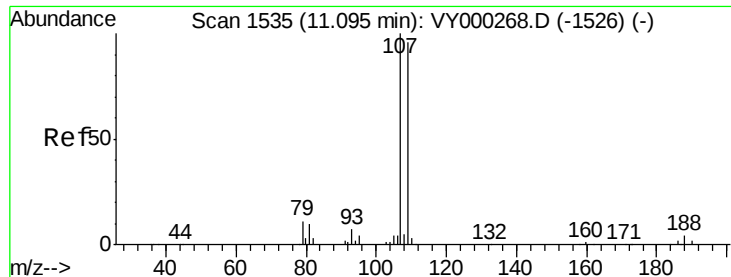
MMDadoda  
10/24/2019 4:33:58 PM



#60  
Dibromochloromethane  
Concen: 54.592 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. -0.01 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Tgt Ion: 129 Resp: 150966  
Ion Ratio Lower Upper  
129 100  
127 75.2 39.9 119.7





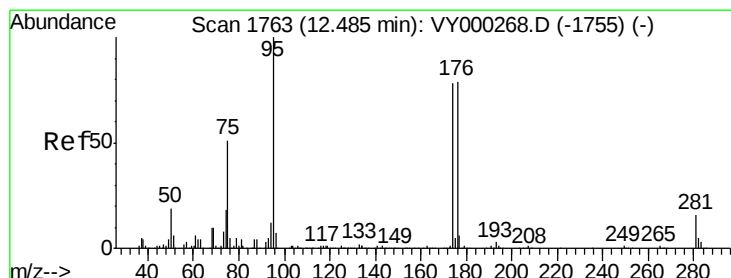
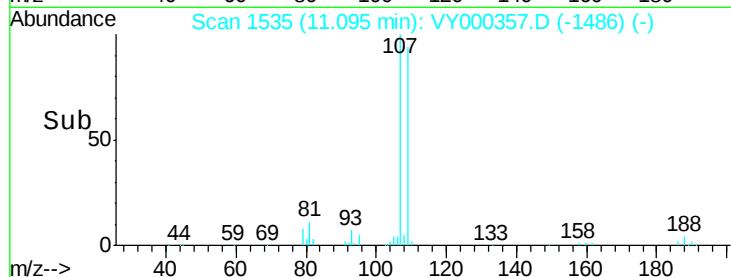
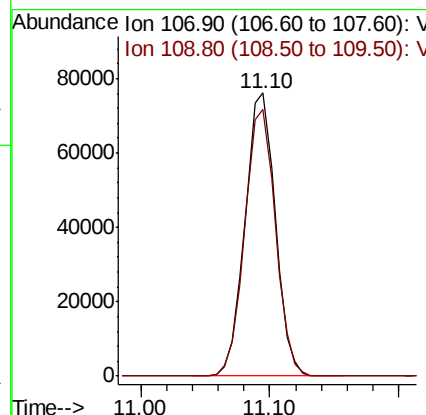
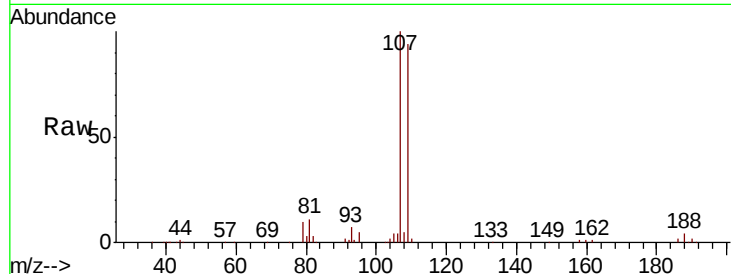
#61  
 1,2-Dibromoethane  
 Concen: 51.596 ug/l  
 RT: 11.10 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 95.4  | 75.1  | 112.7 |

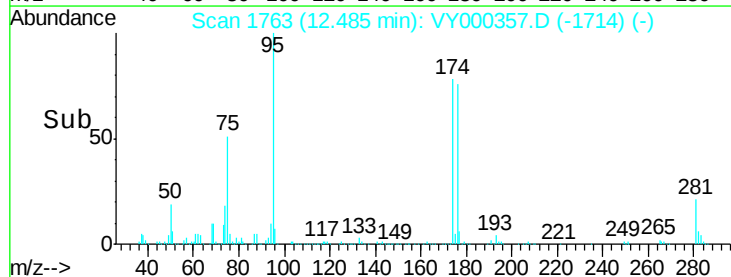
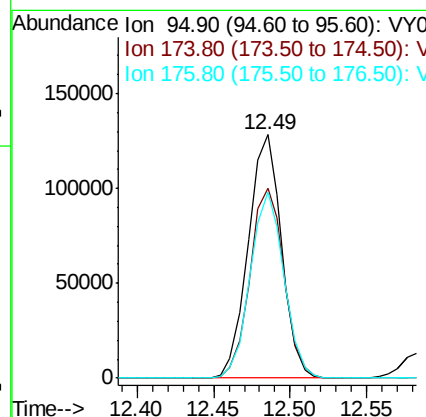
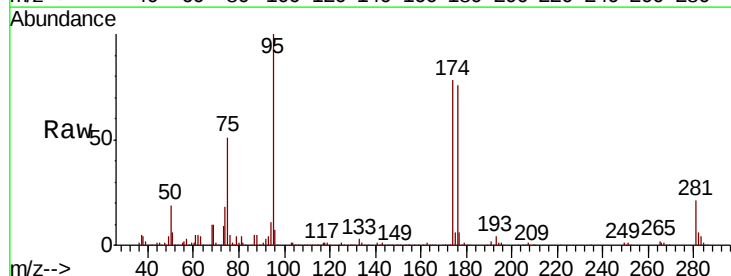
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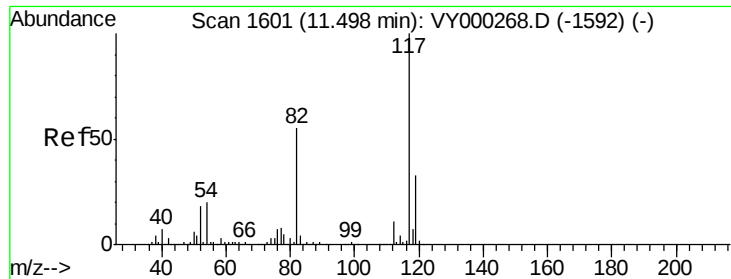
MMDadoda  
 10/24/2019 4:33:58 PM



#62  
 4-Bromofluorobenzene  
 Concen: 49.732 ug/l  
 RT: 12.49 min Scan# 1763  
 Delta R.T. -0.00 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 79.7  | 0.0   | 159.6 |
| 176     | 77.3  | 0.0   | 153.8 |





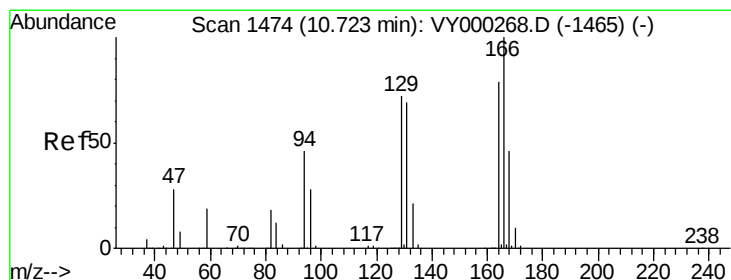
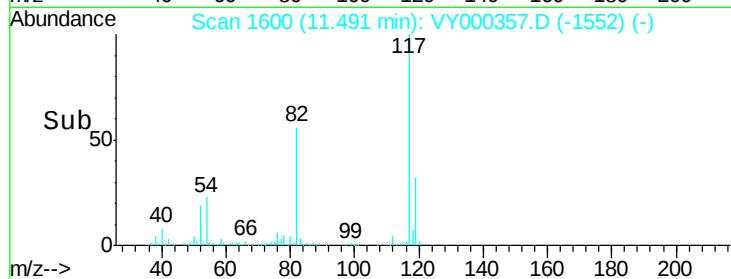
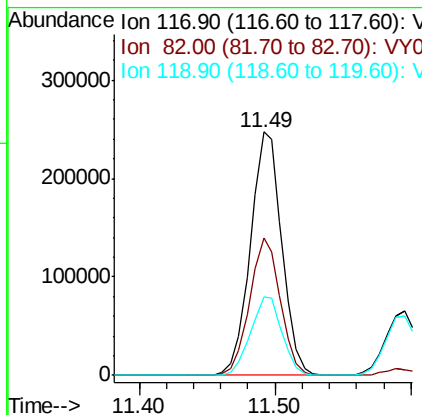
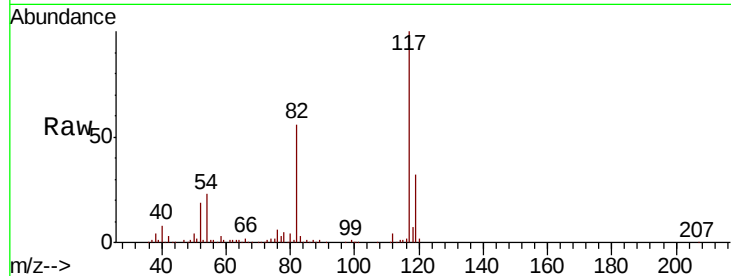
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. -0.01 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 398933 |       |       |
| 82      | 56.4  |        | 43.7  | 65.5  |
| 119     | 32.0  |        | 26.6  | 39.8  |

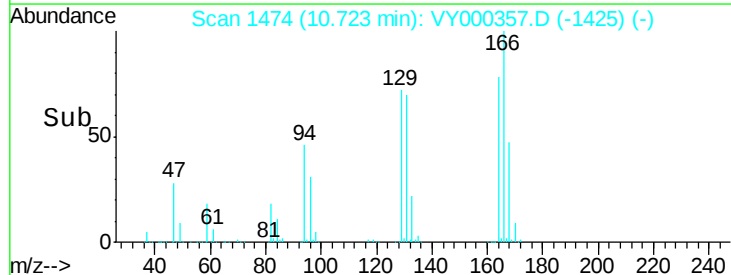
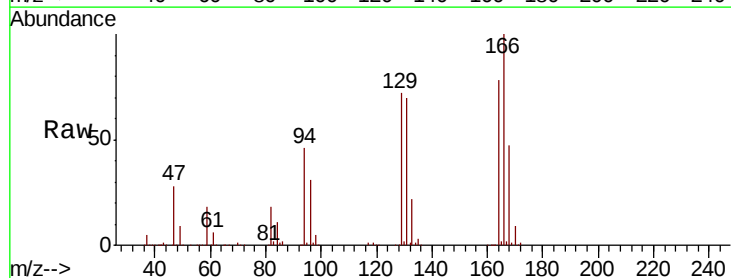
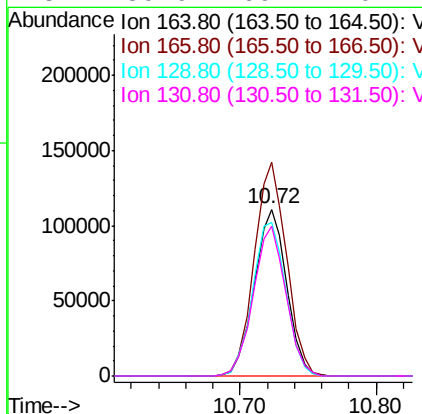
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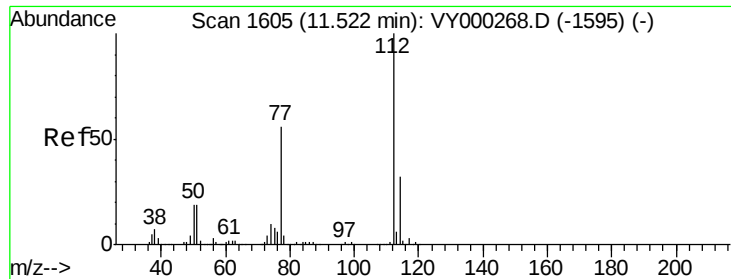
MMDadoda  
10/24/2019 4:33:58 PM



#64  
Tetrachloroethene  
Concen: 48.571 ug/l  
RT: 10.72 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 184469 |       |       |
| 166     | 128.0 |        | 100.6 | 151.0 |
| 129     | 92.1  |        | 72.8  | 109.2 |
| 131     | 89.9  |        | 69.4  | 104.2 |





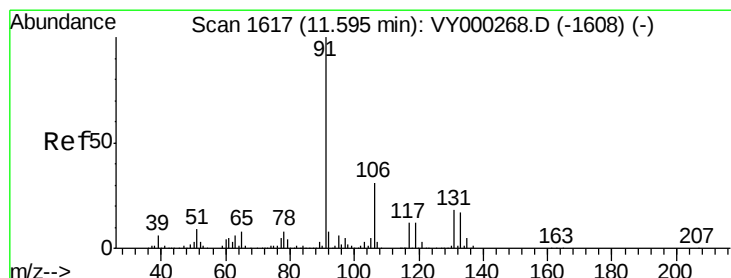
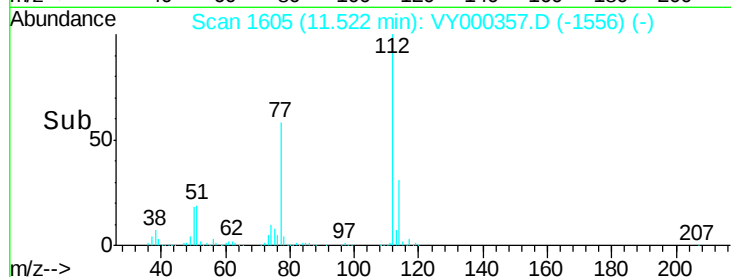
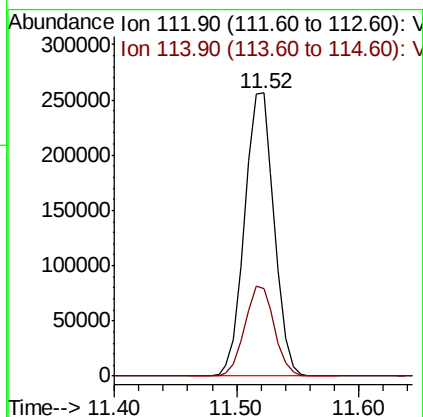
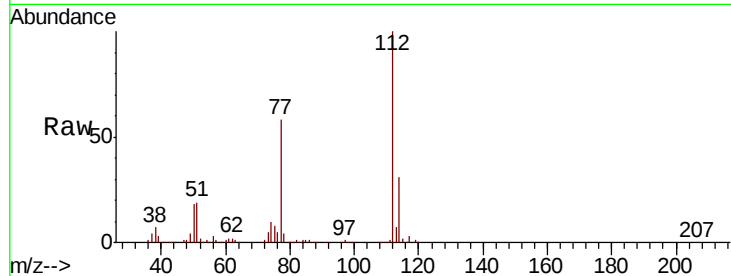
#65  
Chlorobenzene  
Concen: 51.062 ug/l  
RT: 11.52 min Scan# 1605  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 429907  
Ion Ratio Lower Upper  
112 100  
114 31.0 25.7 38.5

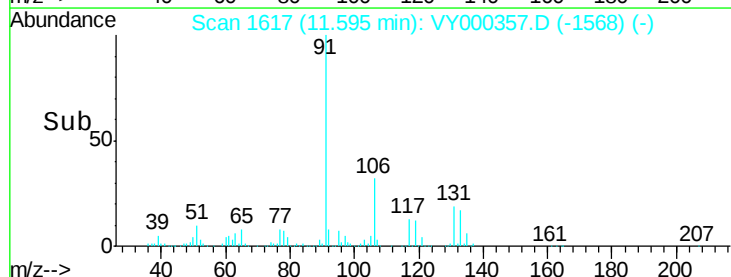
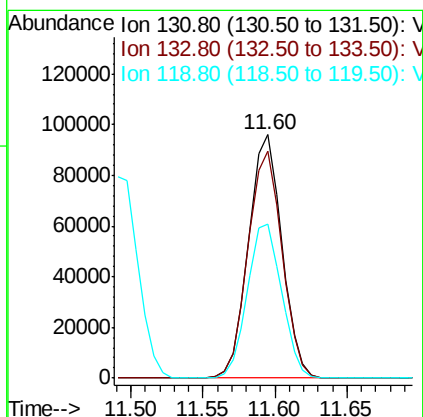
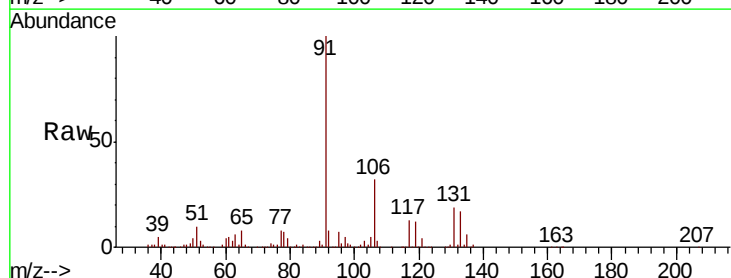
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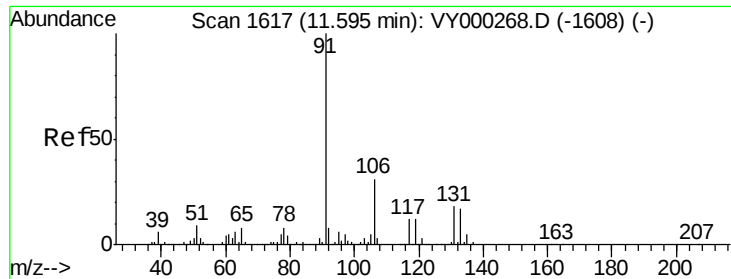
MMDadoda  
10/24/2019 4:33:58 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.941 ug/l  
RT: 11.60 min Scan# 1617  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Tgt Ion:131 Resp: 153615  
Ion Ratio Lower Upper  
131 100  
133 95.3 47.2 141.6  
119 65.2 32.6 98.0





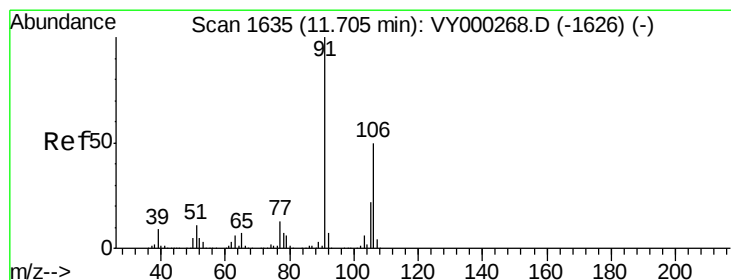
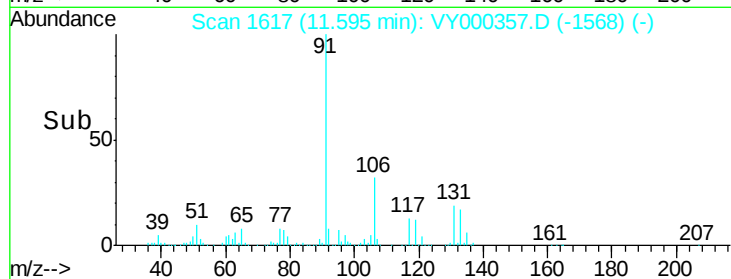
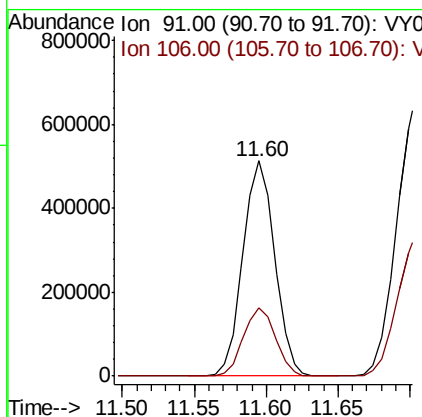
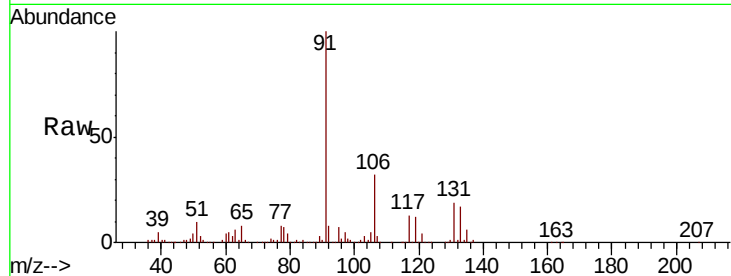
#67  
Ethyl Benzene  
Concen: 50.479 ug/l  
RT: 11.60 min Scan# 1617  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 787853  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.0 37.6

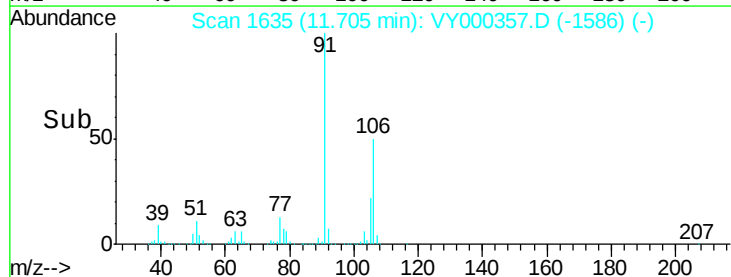
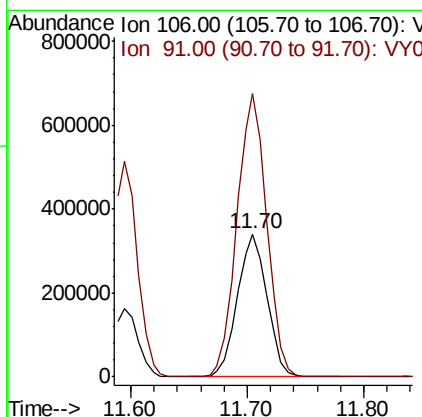
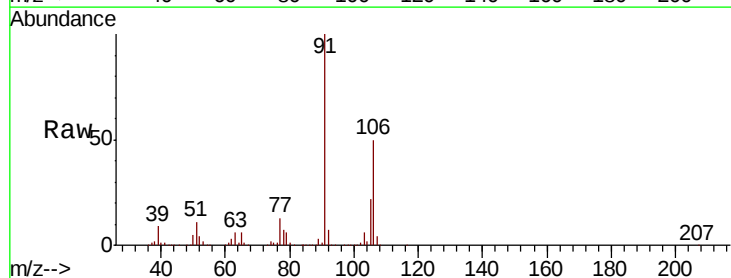
Manual Integrations  
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#68  
m/p-Xylenes  
Concen: 101.112 ug/l  
RT: 11.70 min Scan# 1635  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Tgt Ion: 106 Resp: 603278  
Ion Ratio Lower Upper  
106 100  
91 198.7 157.5 236.3





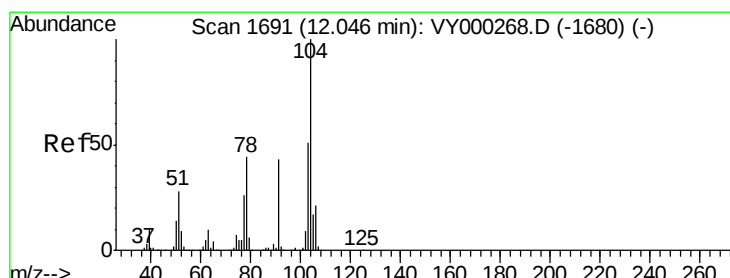
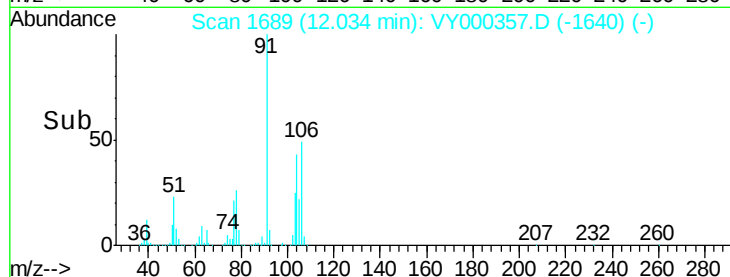
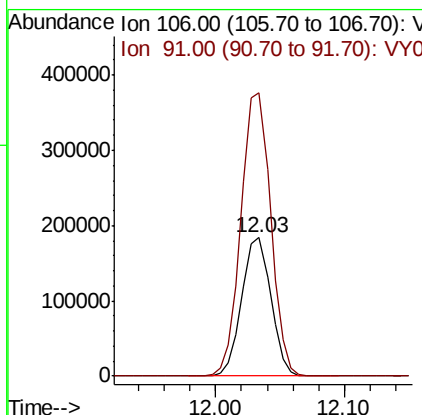
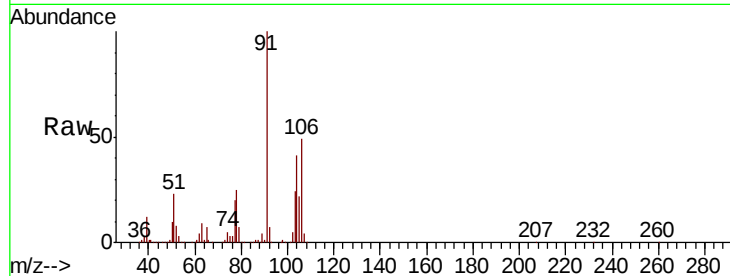
#69  
o-Xylene  
Concen: 50.588 ug/l  
RT: 12.03 min Scan# 1689  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 287939  | 106 | 100   |       |       |
|         | 91  | 209.0 | 104.7 | 313.9 |

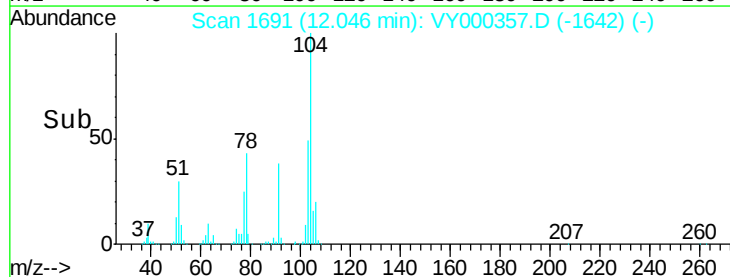
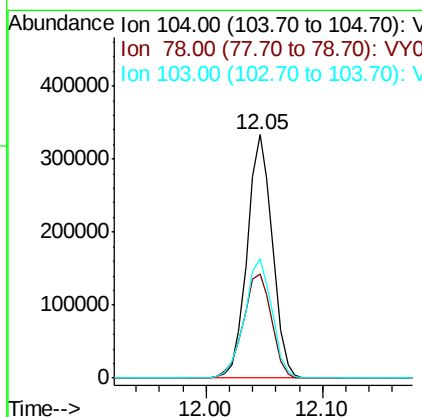
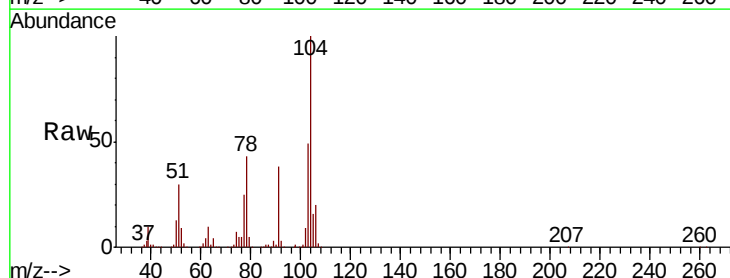
Manual Integrations  
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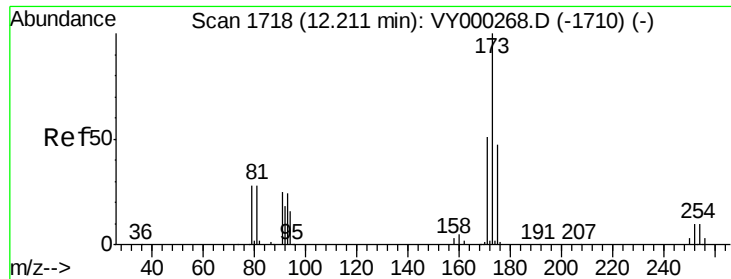
MMDadoda  
10/24/2019 4:33:58 PM



#70  
Styrene  
Concen: 52.501 ug/l  
RT: 12.05 min Scan# 1691  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 503964  | 104 | 100   |       |       |
|         | 78  | 48.4  | 39.0  | 58.6  |
|         | 103 | 53.2  | 43.1  | 64.7  |





#71

Bromoform

Concen: 53.484 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 90932

Ion Ratio Lower Upper

173 100

175 50.4 24.6 73.6

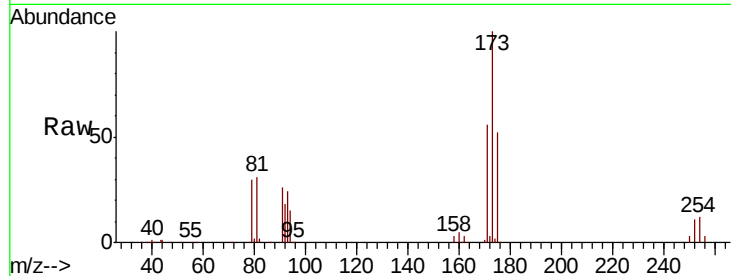
254 0.0 0.1 0.1#

Manual Integrations

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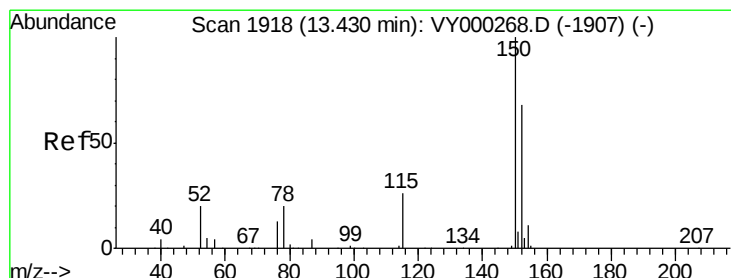
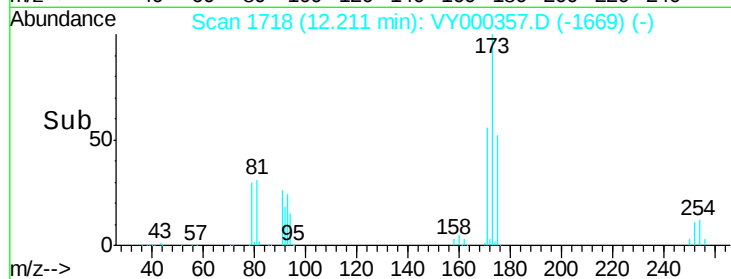
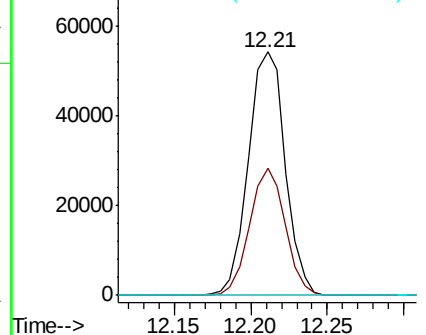
10/24/2019 4:33:58 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

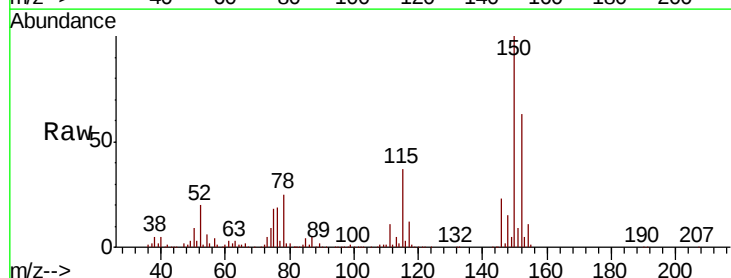
Tgt Ion:152 Resp: 200833

Ion Ratio Lower Upper

152 100

115 59.3 29.3 88.0

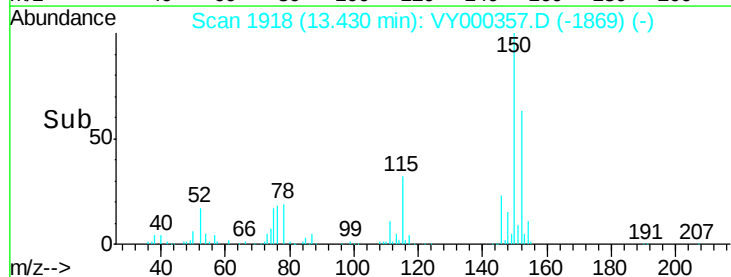
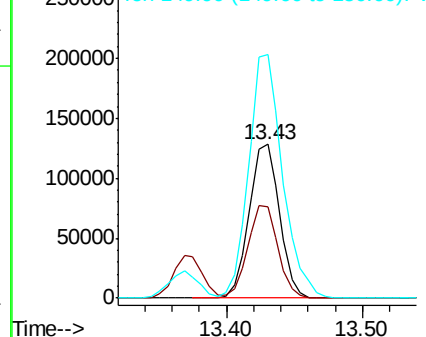
150 176.1 0.0 348.4

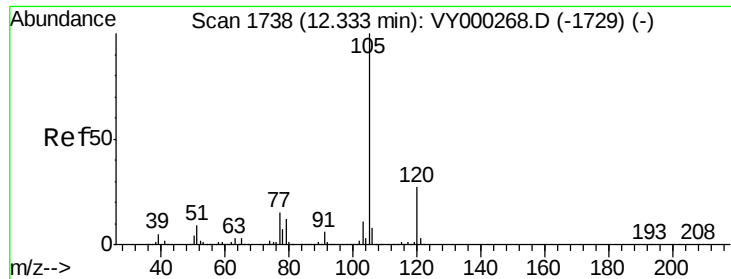


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





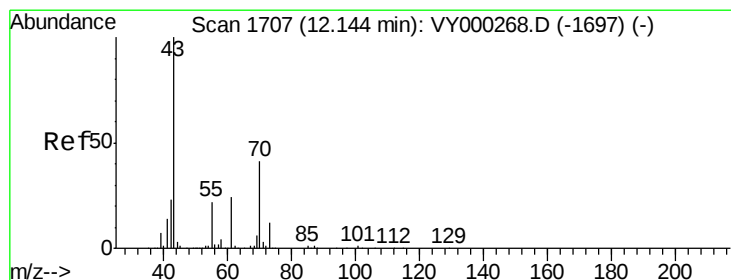
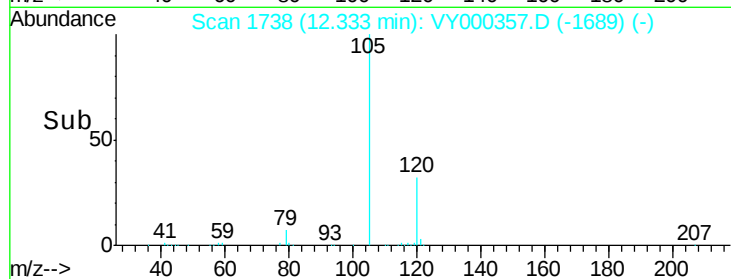
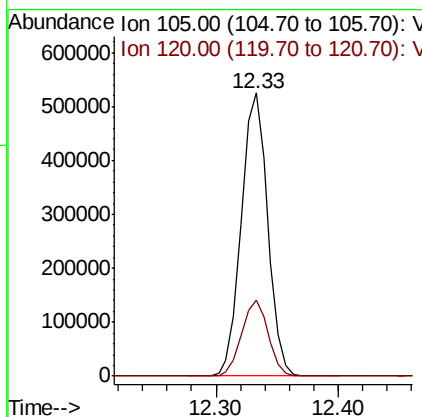
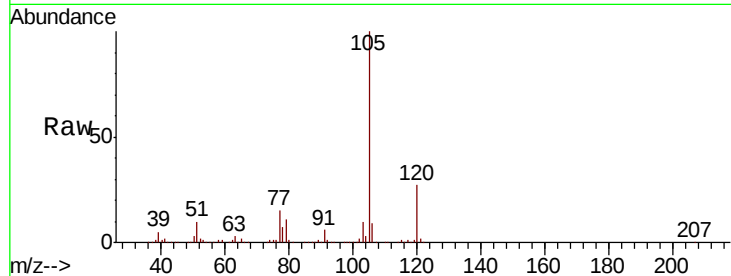
#73  
Isopropylbenzene  
Concen: 50.014 ug/l  
RT: 12.33 min Scan# 1738  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 27.0  | 13.4  | 40.2  |

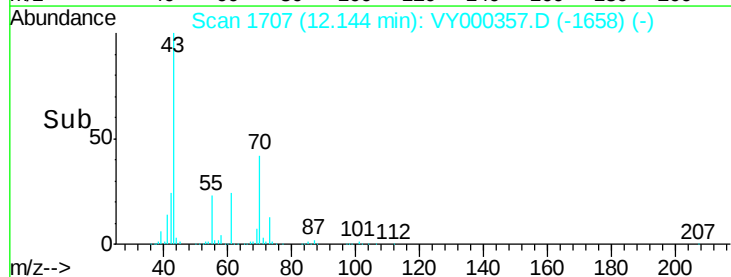
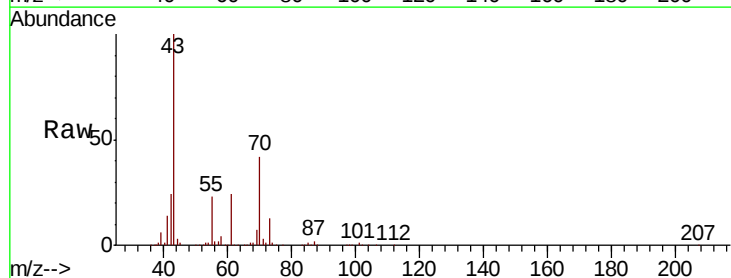
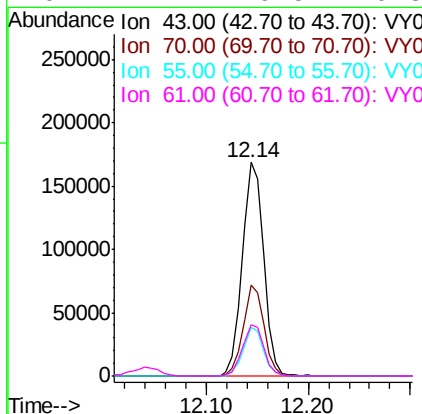
Manual Integrations  
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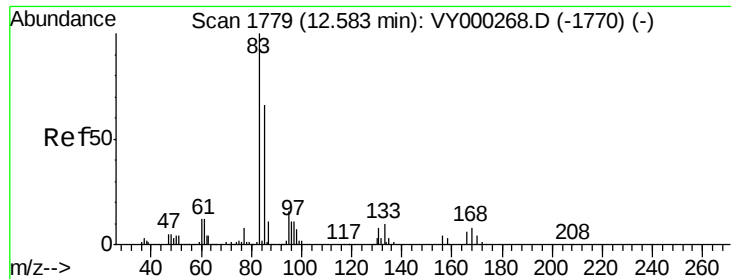
MMDadoda  
10/24/2019 4:33:58 PM



#74  
N-ethyl acetate  
Concen: 63.544 ug/l  
RT: 12.14 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 41.0  | 32.9  | 49.3  |
| 55      | 21.9  | 17.8  | 26.6  |
| 61      | 24.1  | 19.5  | 29.3  |





#75

1,1,2,2-Tetrachloroethane

Concen: 52.168 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Instrument :

MSVOA\_Y

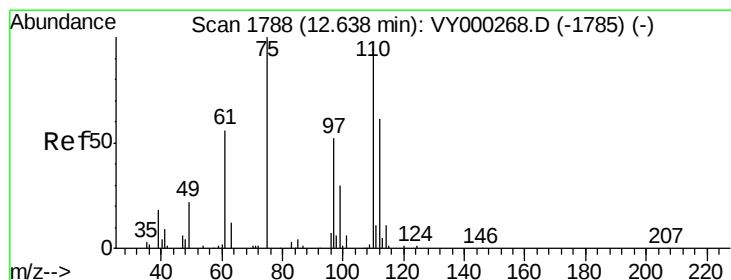
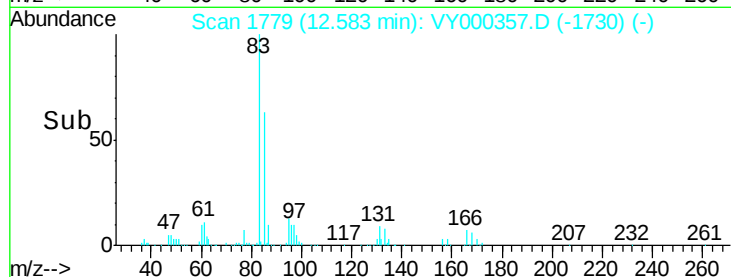
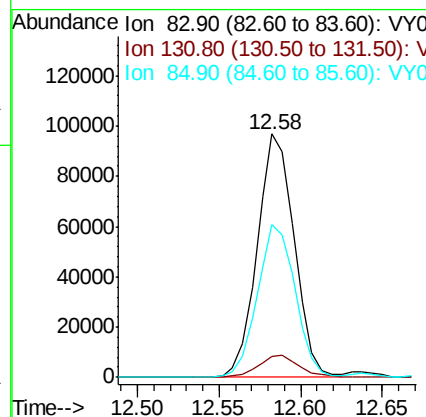
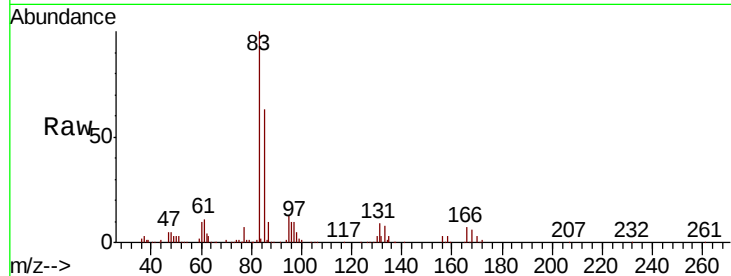
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 153384 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.8   | 5.3   | 16.1   |
| 85        | 64.2  | 32.9  | 98.7   |

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#76

1,2,3-Trichloropropane

Concen: 44.190 ug/l m

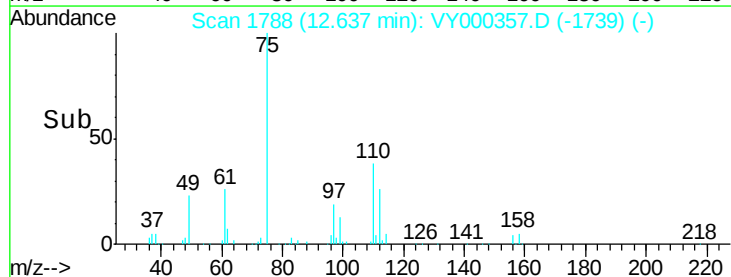
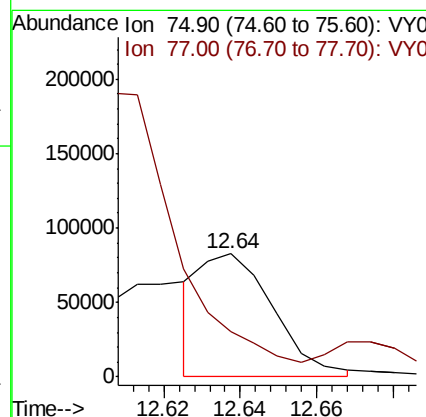
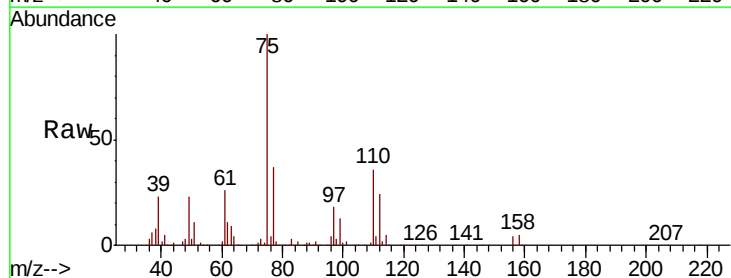
RT: 12.64 min Scan# 1788

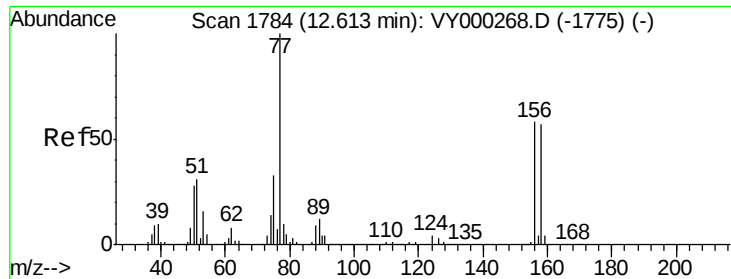
Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 109129 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |





#77

Bromobenzene

Concen: 50.262 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Instrument :

MSVOA\_Y

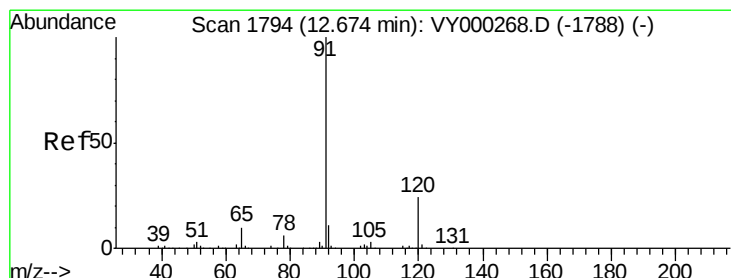
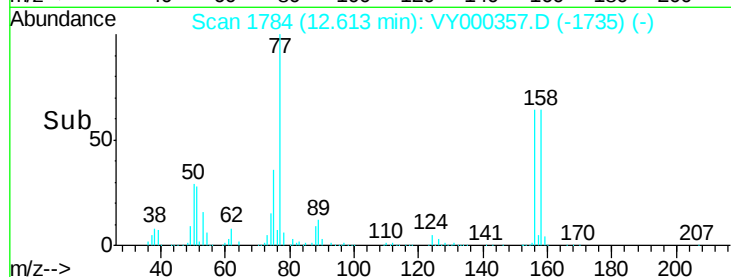
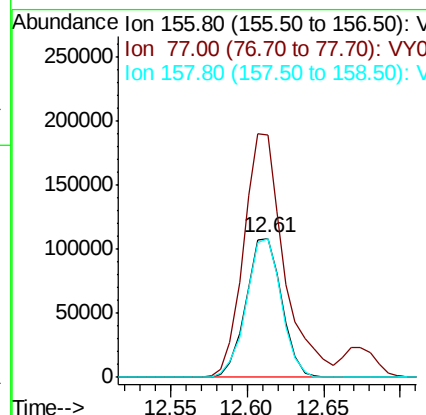
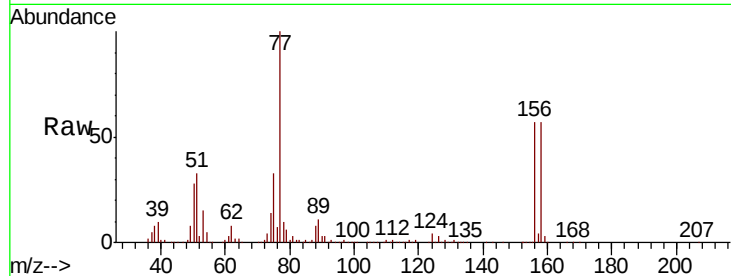
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 175145 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 199.1 | 101.0 | 302.9  |
| 158       | 98.1  | 49.7  | 149.1  |

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#78

n-propylbenzene

Concen: 50.176 ug/l

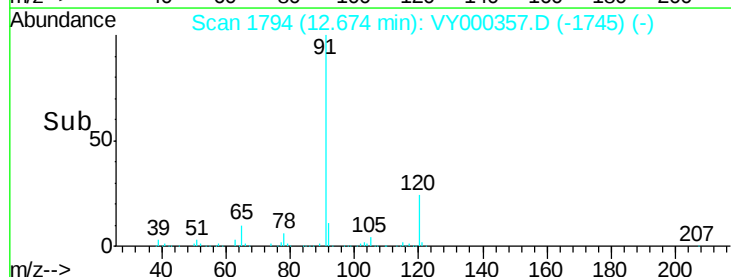
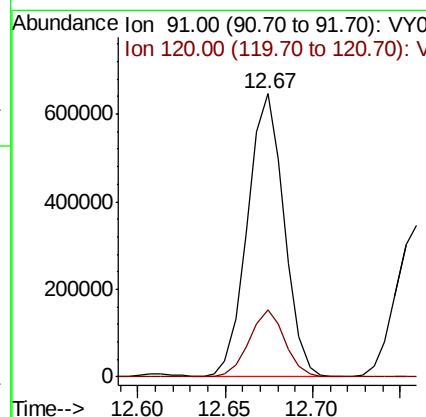
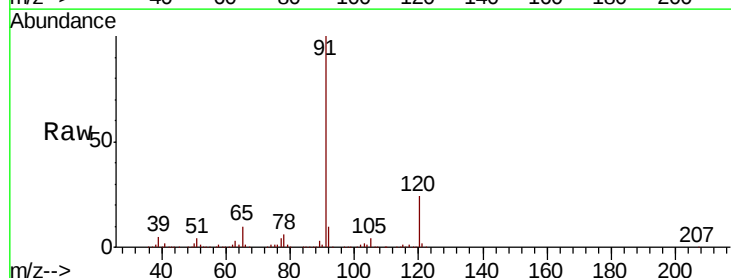
RT: 12.67 min Scan# 1794

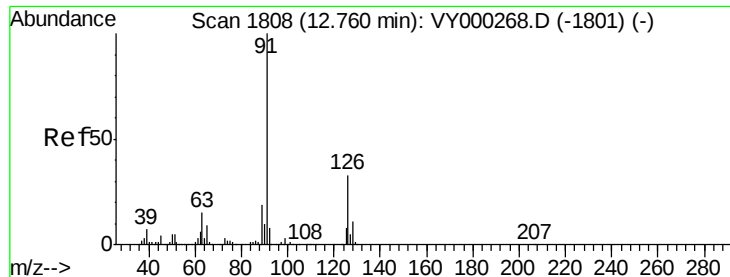
Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 943407 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.1  | 11.5  | 34.5   |





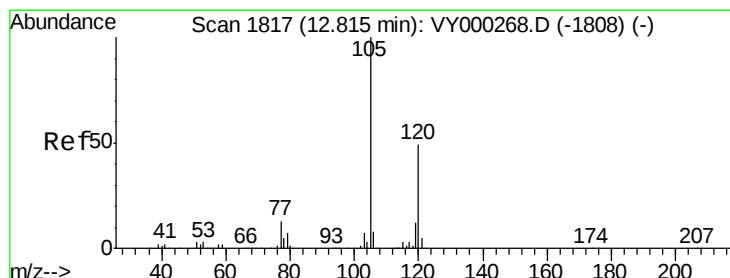
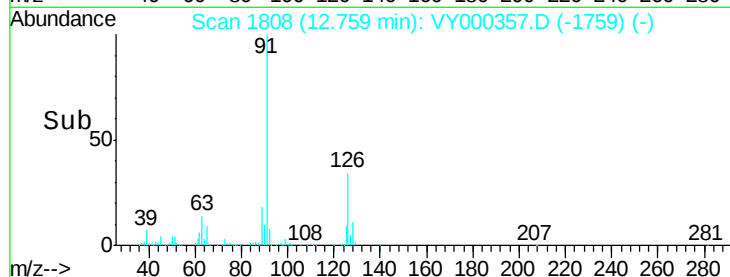
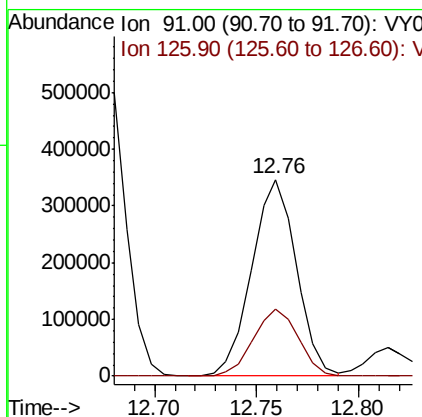
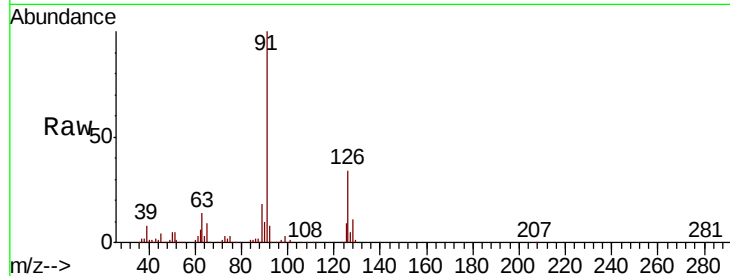
#79  
 2-Chlorotoluene  
 Concen: 50.794 ug/l  
 RT: 12.76 min Scan# 1808  
 Delta R.T. -0.00 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 91 Resp: 527418  
 Ion Ratio Lower Upper  
 91 100  
 126 34.5 17.1 51.3

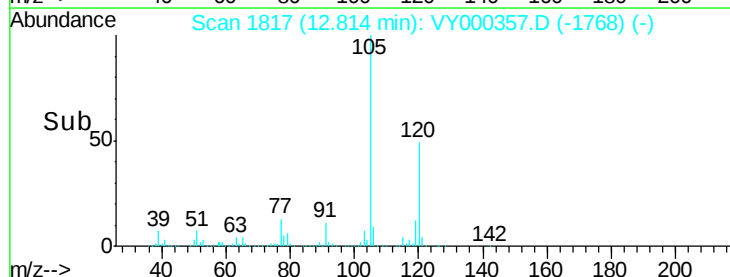
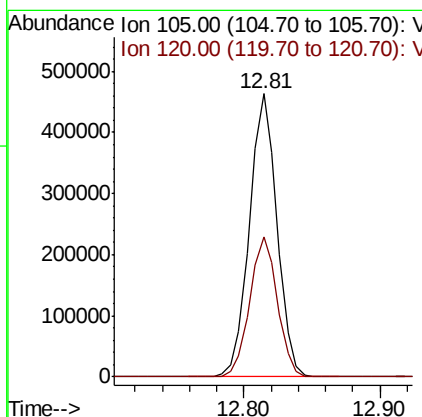
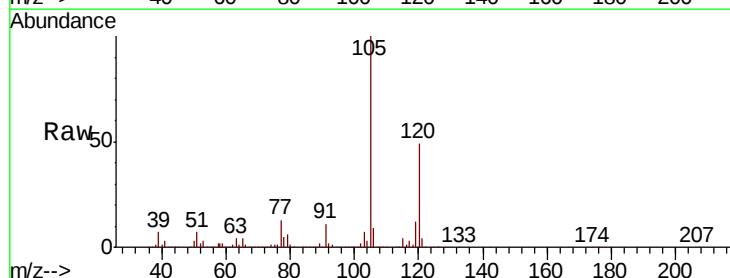
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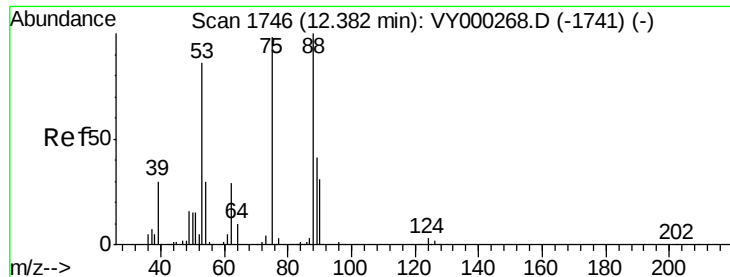
MMDadoda  
 10/24/2019 4:33:58 PM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 50.066 ug/l  
 RT: 12.81 min Scan# 1817  
 Delta R.T. -0.00 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

Tgt Ion: 105 Resp: 657424  
 Ion Ratio Lower Upper  
 105 100  
 120 49.8 24.9 74.8





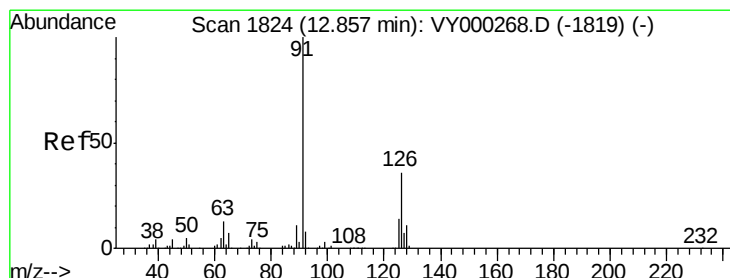
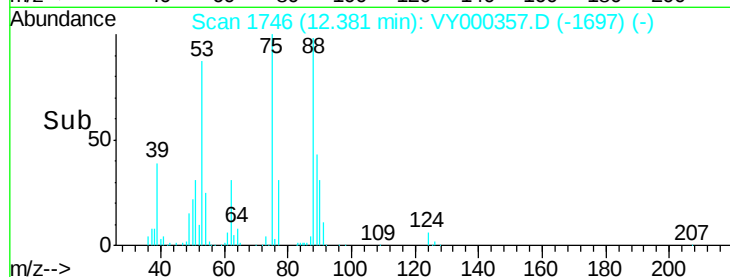
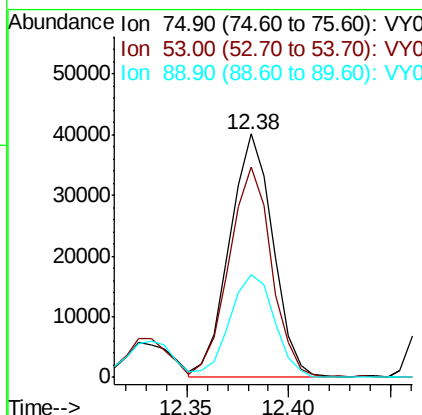
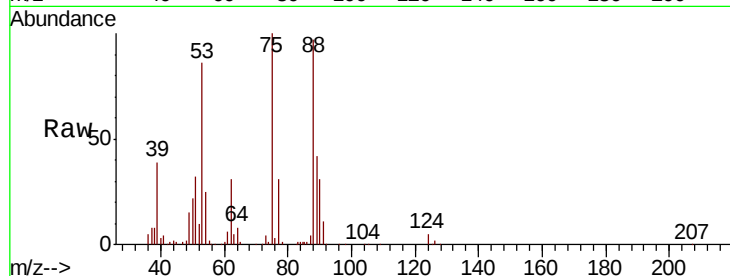
#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.549 ug/l  
RT: 12.38 min Scan# 1746  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 84.7  | 71.3  | 106.9 |
| 89      | 43.9  | 35.1  | 52.7  |

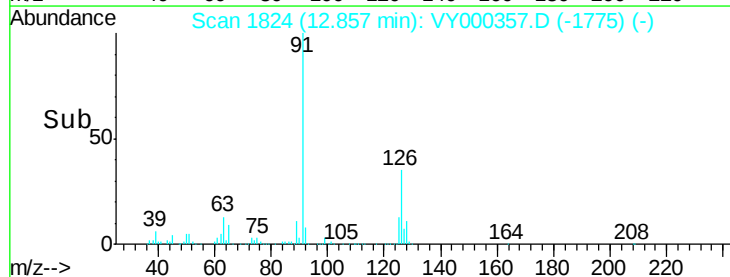
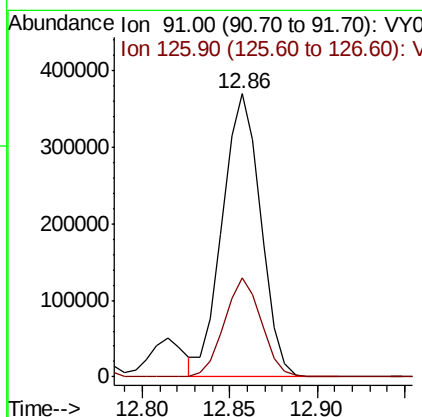
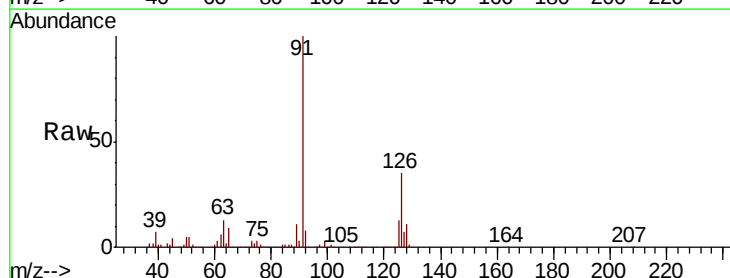
Manual Integrations  
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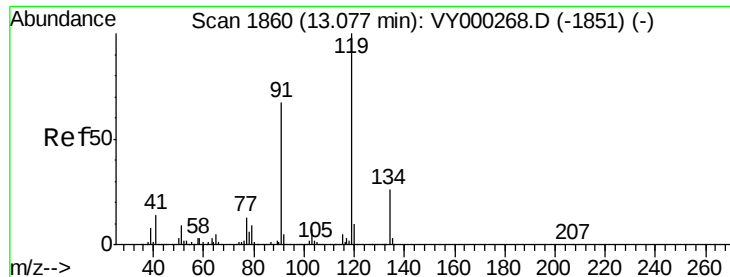
MMDadoda  
10/24/2019 4:33:58 PM



#82  
4-Chlorotoluene  
Concen: 51.354 ug/l  
RT: 12.86 min Scan# 1824  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.7  | 17.2  | 51.5  |





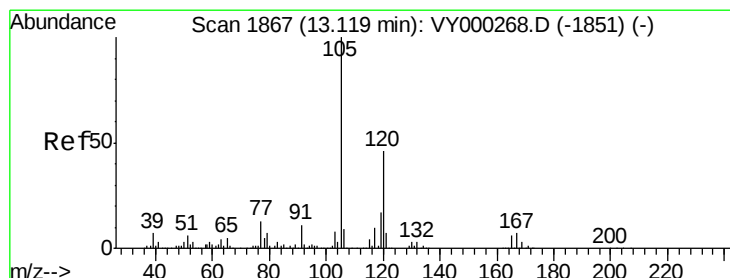
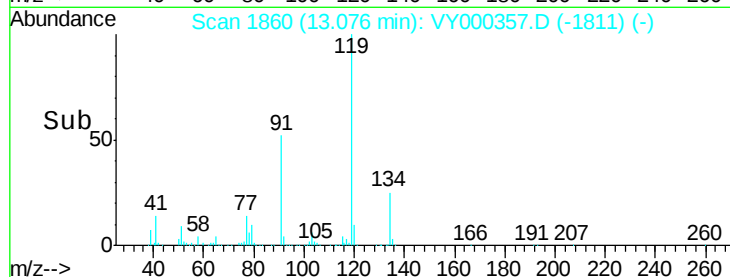
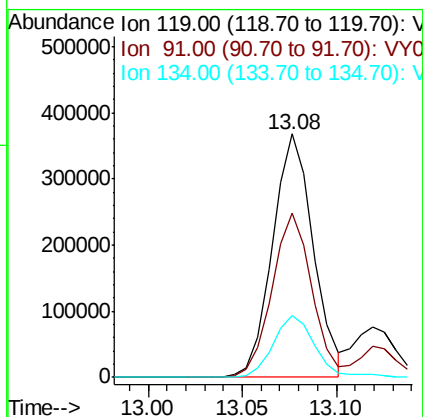
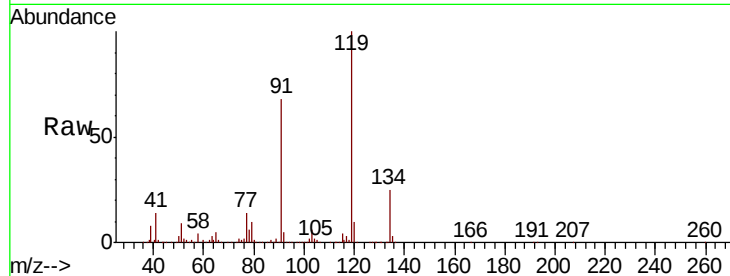
#83  
tert-Butylbenzene  
Concen: 49.598 ug/l  
RT: 13.08 min Scan# 1860  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 65.7  | 32.9  | 98.7  |
| 134     | 26.3  | 13.3  | 39.8  |

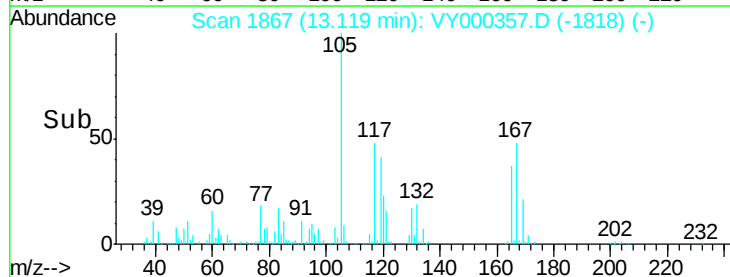
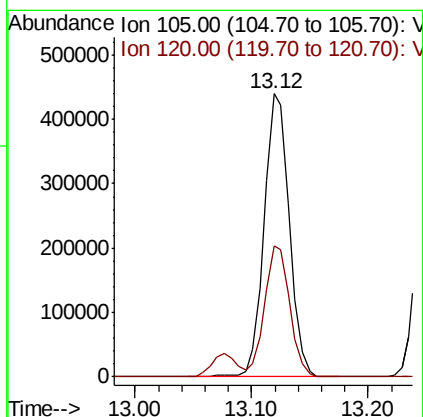
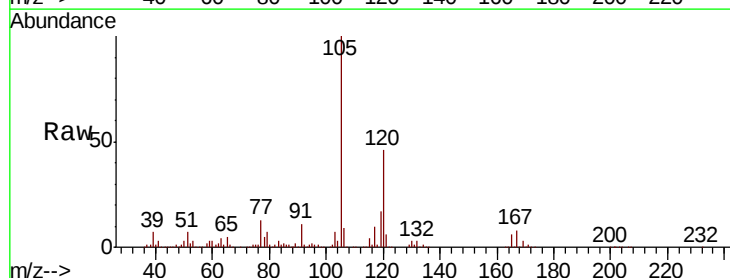
Manual Integrations  
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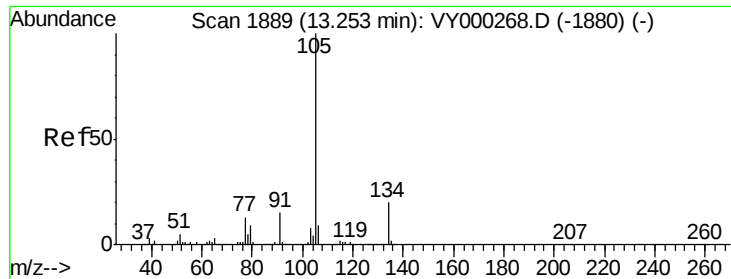
MMDadoda  
10/24/2019 4:33:58 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 50.985 ug/l  
RT: 13.12 min Scan# 1867  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.2  | 22.9  | 68.8  |





#85

sec-Butylbenzene

Concen: 50.849 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 817975

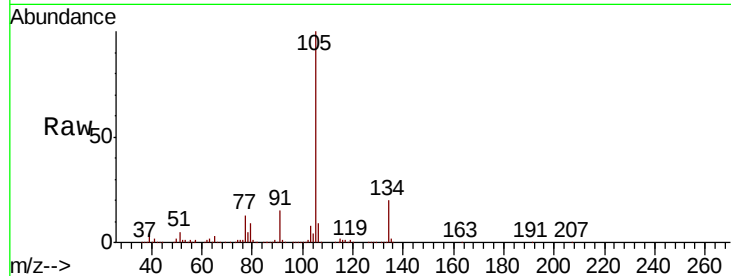
Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1

Manual Integrations  
APPROVED

MMDadoda  
10/24/2019 4:33:58 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

600000

500000

400000

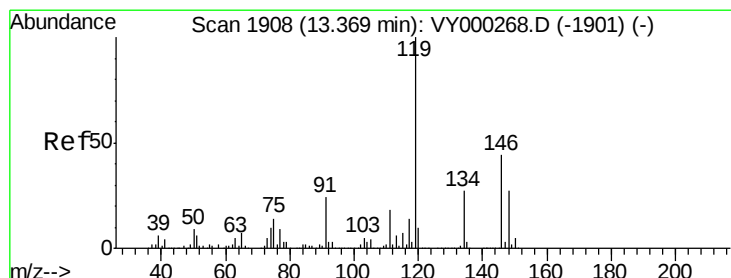
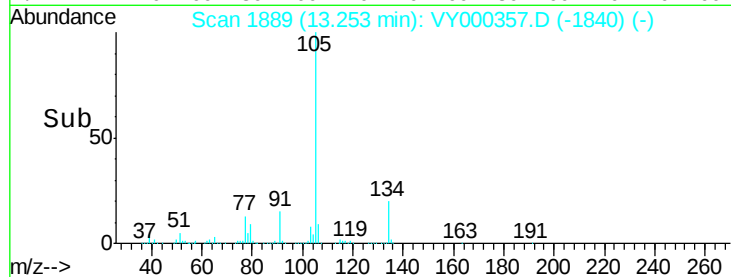
300000

200000

100000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 51.290 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

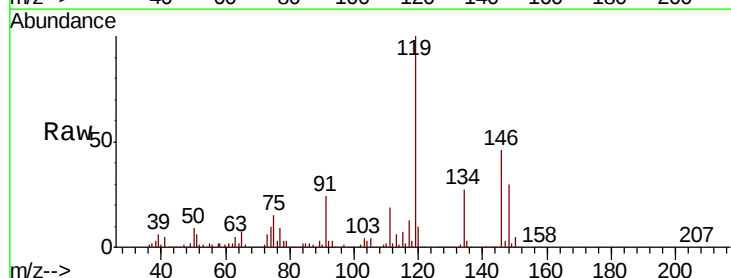
Tgt Ion:119 Resp: 719304

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

91 23.5 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

13.37

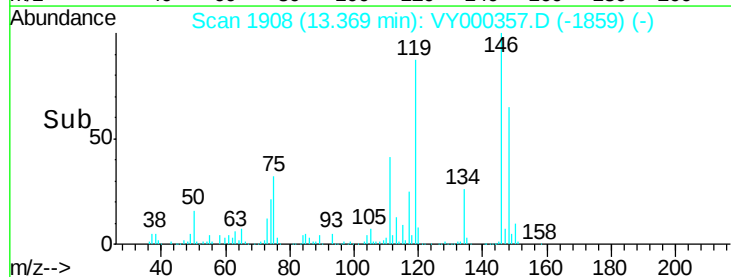
600000

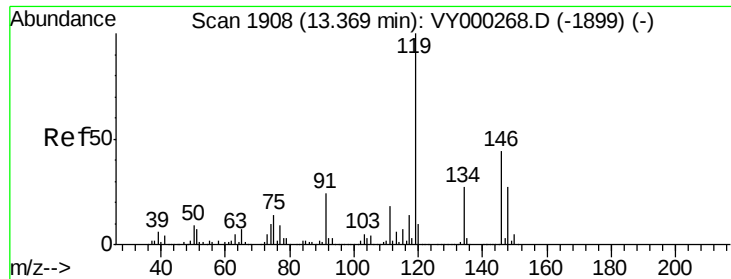
400000

200000

0

Time--> 13.30 13.35 13.40





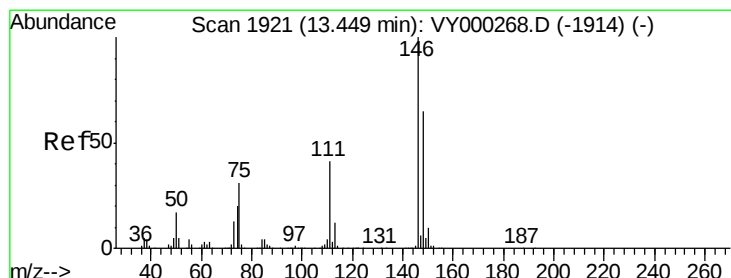
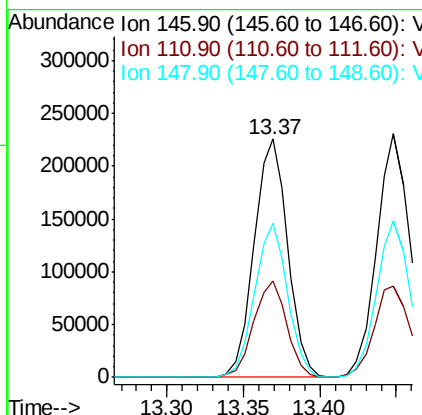
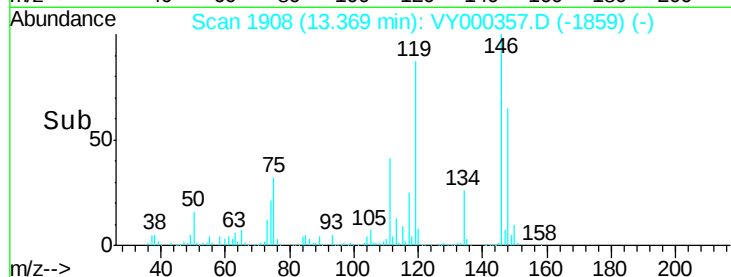
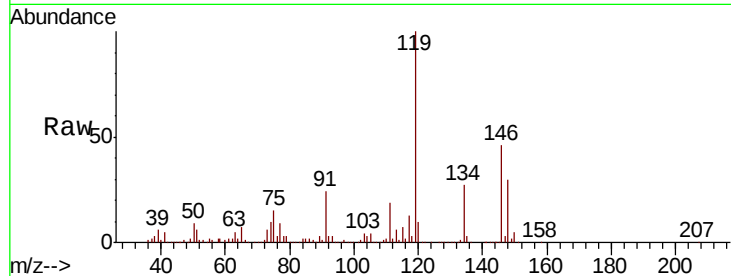
#87  
 1,3-Dichlorobenzene  
 Concen: 50.251 ug/l  
 RT: 13.37 min Scan# 1908  
 Delta R.T. -0.00 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.9  | 20.6  | 61.8  |
| 148     | 63.3  | 31.9  | 95.5  |

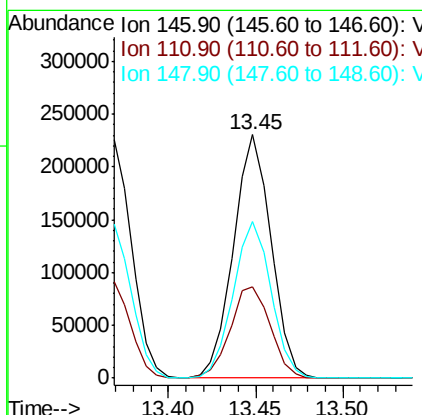
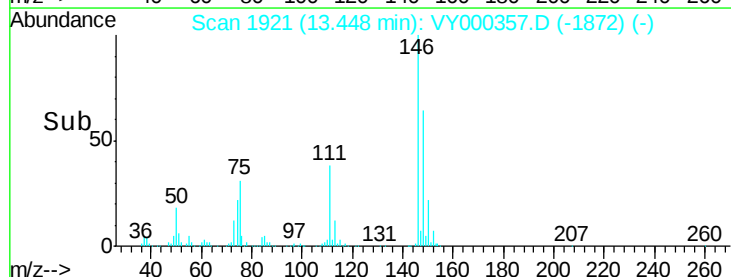
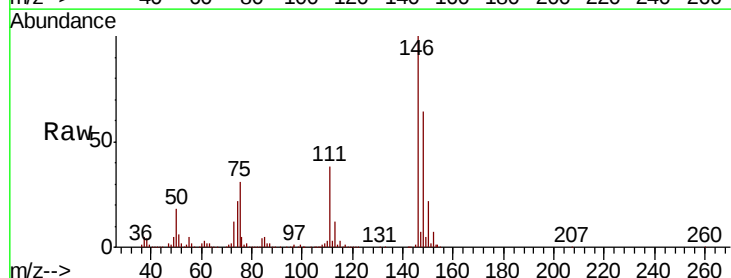
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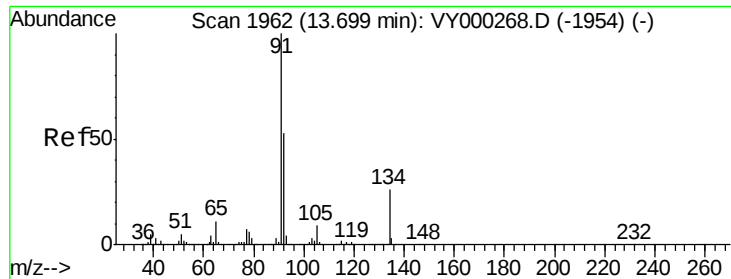
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 50.321 ug/l  
 RT: 13.45 min Scan# 1921  
 Delta R.T. -0.00 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.9  | 20.1  | 60.2  |
| 148     | 64.7  | 32.4  | 97.2  |





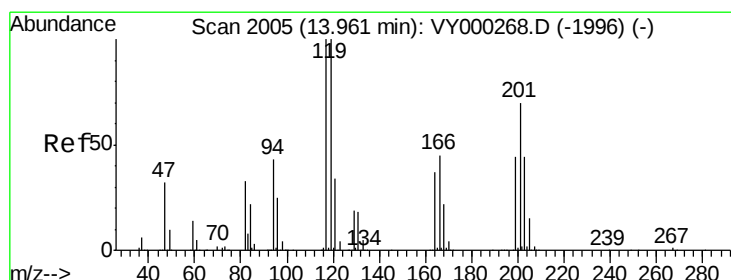
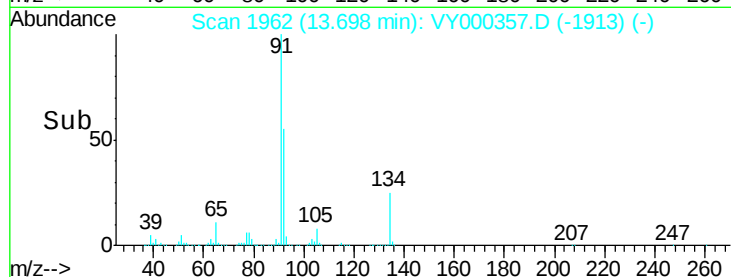
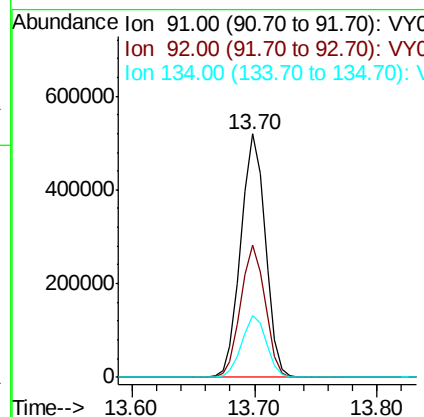
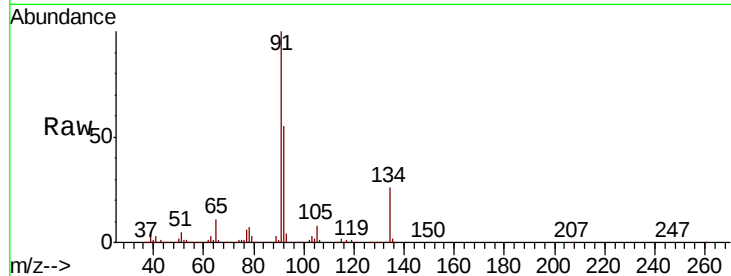
#89  
n-Butylbenzene  
Concen: 51.871 ug/l  
RT: 13.70 min Scan# 1962  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.2  | 26.7  | 80.1  |
| 134     | 25.7  | 13.0  | 38.9  |

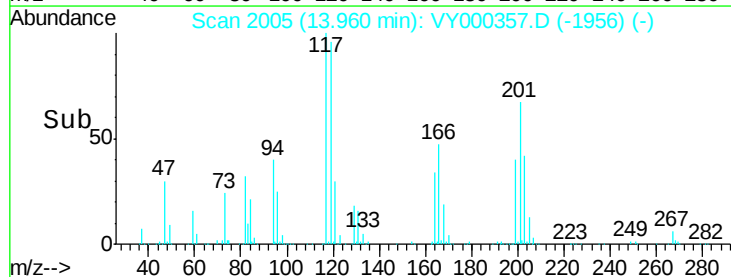
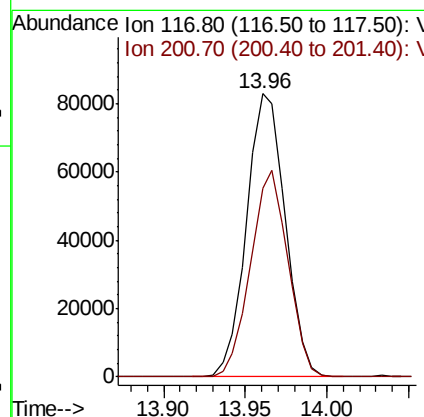
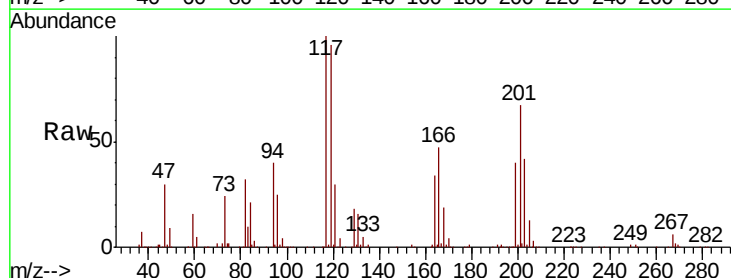
Manual Integrations  
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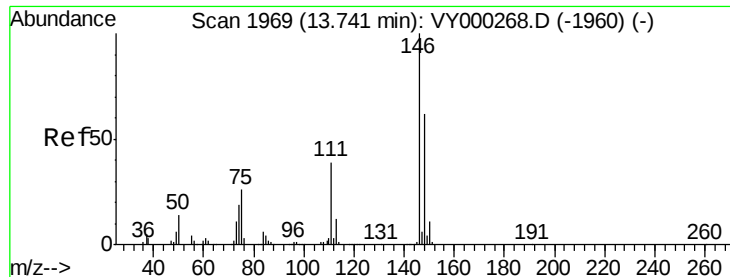
MMDadoda  
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#90  
Hexachloroethane  
Concen: 52.837 ug/l  
RT: 13.96 min Scan# 2005  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 70.4  | 36.3  | 108.7 |





#91

1,2-Dichlorobenzene

Concen: 51.041 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

Instrument :

MSVOA\_Y

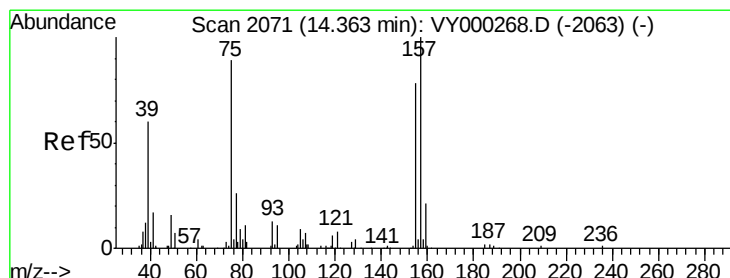
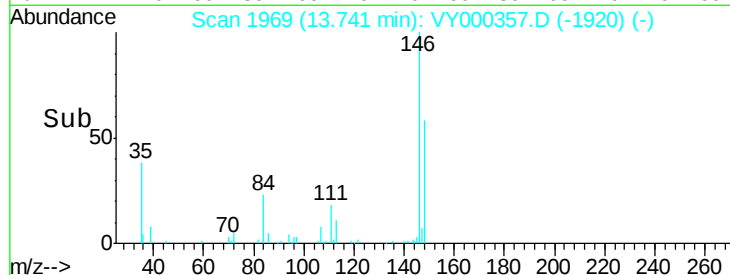
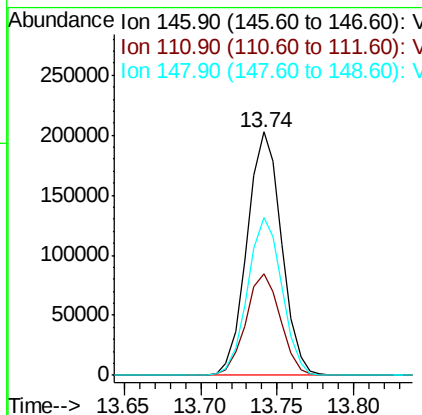
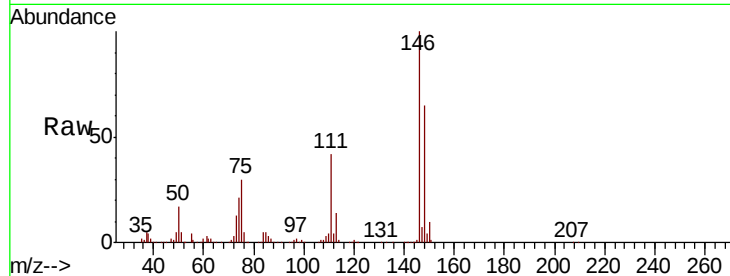
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 317136 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 41.8  | 20.5  | 61.5   |
| 148       | 64.6  | 31.6  | 95.0   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.422 ug/l

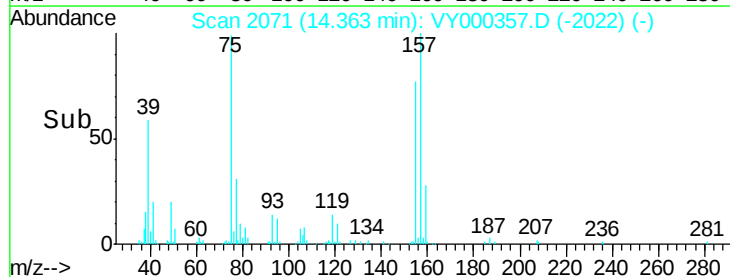
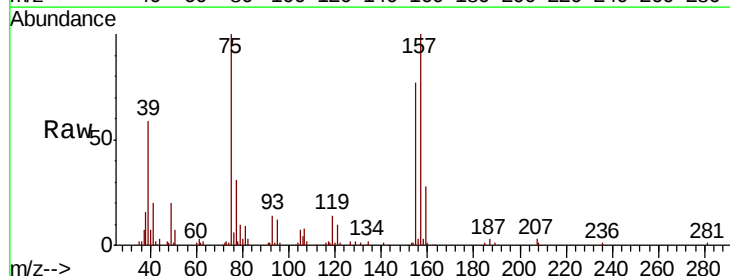
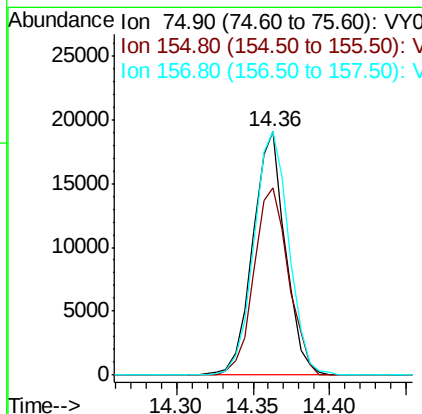
RT: 14.36 min Scan# 2071

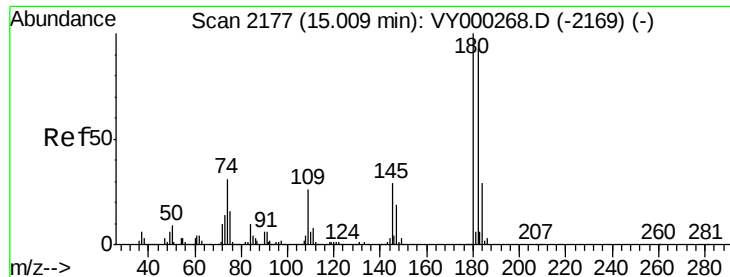
Delta R.T. -0.00 min

Lab File: VY000357.D

Acq: 22 Oct 2019 11:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 28117 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 82.0  | 45.8  | 137.3 |
| 157       | 107.5 | 55.6  | 166.9 |





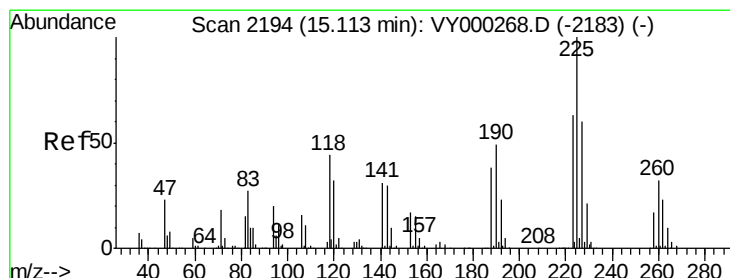
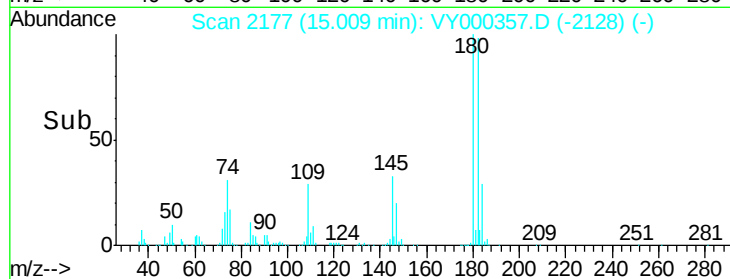
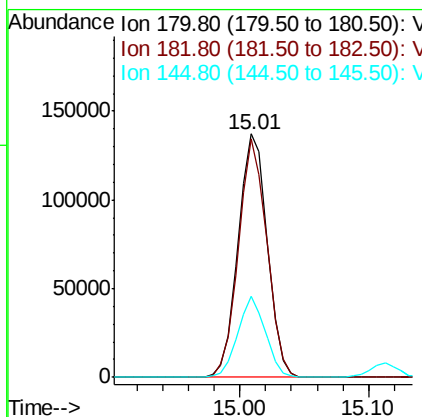
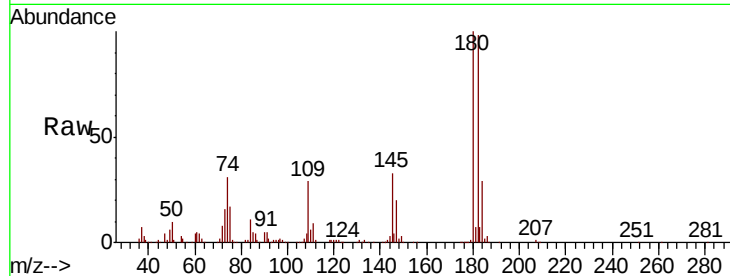
#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.598 ug/l  
 RT: 15.01 min Scan# 2177  
 Delta R.T. -0.00 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 214559 |       |       |
| 182     | 95.3  | 47.5   | 142.6 |       |
| 145     | 31.4  | 15.4   | 46.1  |       |

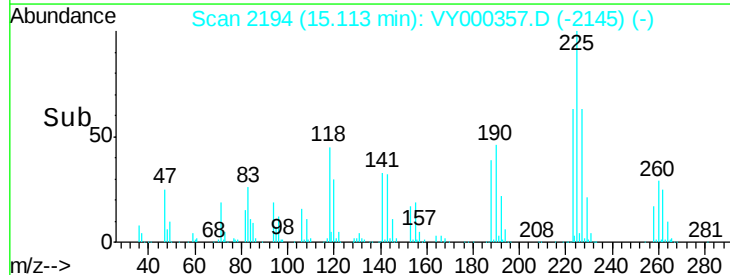
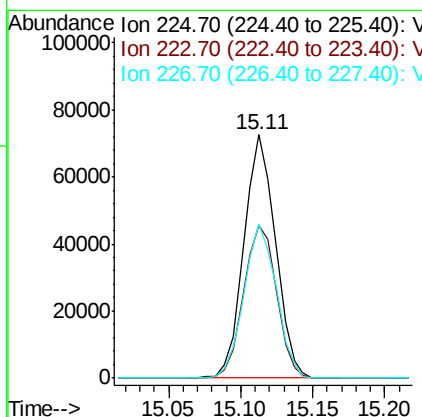
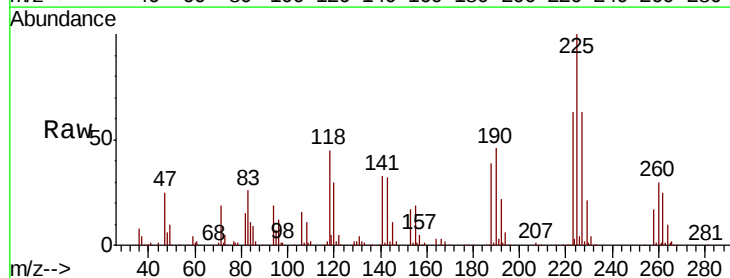
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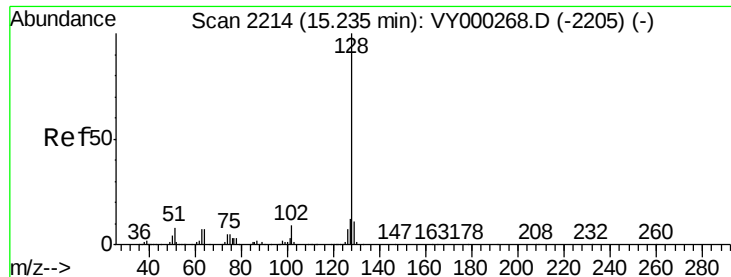
MMDadoda  
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#94  
 Hexachlorobutadiene  
 Concen: 46.799 ug/l  
 RT: 15.11 min Scan# 2194  
 Delta R.T. -0.00 min  
 Lab File: VY000357.D  
 Acq: 22 Oct 2019 11:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 109560 |       |       |
| 223     | 65.3  | 31.9   | 95.7  |       |
| 227     | 65.3  | 31.4   | 94.2  |       |





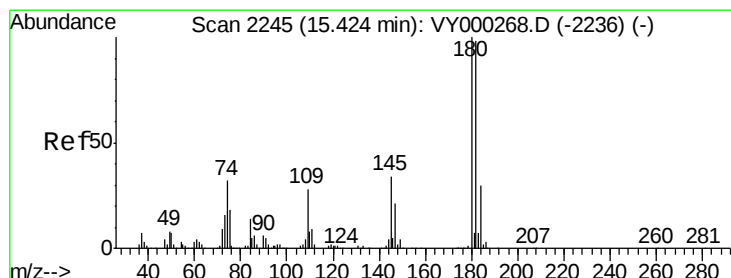
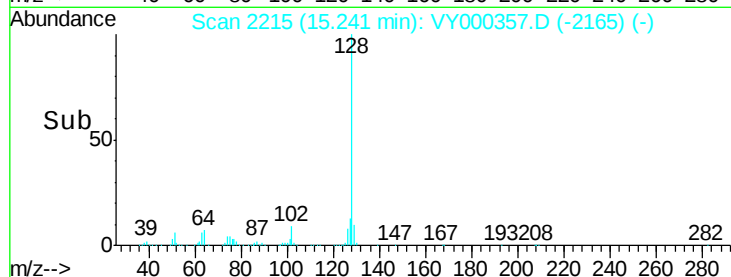
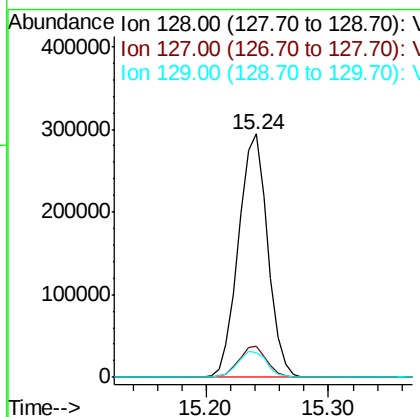
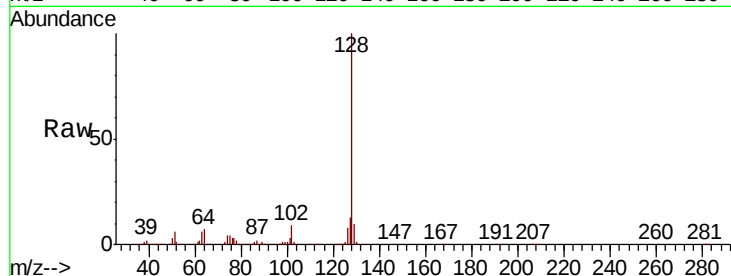
#95  
Naphthalene  
Concen: 50.277 ug/l  
RT: 15.24 min Scan# 2215  
Delta R.T. 0.01 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 485365 |       |       |
| 127     | 12.3  |        | 9.6   | 14.4  |
| 129     | 10.7  |        | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 50.339 ug/l  
RT: 15.42 min Scan# 2245  
Delta R.T. -0.00 min  
Lab File: VY000357.D  
Acq: 22 Oct 2019 11:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 196259 |       |       |
| 182     | 92.3  |        | 46.5  | 139.5 |
| 145     | 31.7  |        | 16.2  | 48.5  |

