

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\  
 Data File : VY002557.D  
 Acq On : 04 May 2020 22:38  
 Operator : SY/MD  
 Sample : VY0504SBS02  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0504SBS02

Manual Integrations  
 APPROVED

MMDadoda  
 5/5/2020 11:29:20 AM

Quant Time: May 05 08:48:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y043020S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon May 04 12:22:08 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.82  | 168  | 380813   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 594215   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 538272   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.44 | 152  | 270330   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.17   | 65  | 170464   | 53.24 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.48% |      |
| 35) Dibromofluoromethane  | 7.74   | 113 | 176988   | 52.08 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.16% |      |
| 50) Toluene-d8            | 10.19  | 98  | 681515   | 51.35 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.70% |      |
| 62) 4-Bromofluorobenzene  | 12.49  | 95  | 231675   | 51.45 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.90% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85  | 46221  | 15.949  | ug/l | 97     |
| 3) Chloromethane              | 2.13 | 50  | 58262  | 18.884  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.26 | 62  | 68522  | 19.234  | ug/l | 100    |
| 5) Bromomethane               | 2.65 | 94  | 49561  | 20.173  | ug/l | 94     |
| 6) Chloroethane               | 2.80 | 64  | 42538  | 19.997  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 3.15 | 101 | 106558 | 19.299  | ug/l | 99     |
| 8) Diethyl Ether              | 3.55 | 74  | 40834  | 22.007  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.93 | 101 | 65911  | 19.532  | ug/l | 98     |
| 10) Methyl Iodide             | 4.11 | 142 | 92262  | 20.068  | ug/l | 98     |
| 11) Tert butyl alcohol        | 5.00 | 59  | 37901  | 115.052 | ug/l | 96     |
| 12) 1,1-Dichloroethene        | 3.90 | 96  | 66147  | 20.178  | ug/l | 98     |
| 13) Acrolein                  | 3.76 | 56  | 18637  | 81.814  | ug/l | 95     |
| 14) Allyl chloride            | 4.51 | 41  | 101794 | 21.312  | ug/l | 99     |
| 15) Acrylonitrile             | 5.21 | 53  | 96519  | 110.307 | ug/l | 99     |
| 16) Acetone                   | 3.97 | 43  | 71244  | 107.813 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.22 | 76  | 182581 | 18.513  | ug/l | 100    |
| 18) Methyl Acetate            | 4.51 | 43  | 49924  | 22.611  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.25 | 73  | 188307 | 22.017  | ug/l | 99     |
| 20) Methylene Chloride        | 4.75 | 84  | 83789  | 22.674  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 5.25 | 96  | 74458  | 20.781  | ug/l | 96     |
| 22) Diisopropyl ether         | 6.15 | 45  | 223007 | 23.075  | ug/l | 99     |
| 23) Vinyl Acetate             | 6.10 | 43  | 674415 | 110.960 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 6.05 | 63  | 126093 | 22.054  | ug/l | 99     |
| 25) 2-Butanone                | 7.02 | 43  | 120457 | 111.358 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 7.01 | 77  | 103002 | 18.953  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 7.02 | 96  | 85360  | 21.531  | ug/l | 99     |
| 28) Bromochloromethane        | 7.36 | 49  | 50777  | 21.676  | ug/l | 98     |
| 29) Tetrahydrofuran           | 7.38 | 42  | 79966  | 111.735 | ug/l | 99     |
| 30) Chloroform                | 7.54 | 83  | 129211 | 21.735  | ug/l | 95     |
| 31) Cyclohexane               | 7.81 | 56  | 110839 | 19.259  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 7.73 | 97  | 112924 | 20.436  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.94 | 75  | 98129  | 19.699  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.11 | 43  | 54701  | 21.369  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.93 | 117 | 103503 | 19.032  | ug/l | 98     |

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 ALS Vial : 34 Sample Multiplier: 1

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 ClientSampleId :  
 VY0504SBS02

Manual Integrations  
 APPROVED

MMDadoda  
 5/5/2020 11:29:20 AM

Quant Time: May 05 08:48:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y043020S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon May 04 12:22:08 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.20  | 83   | 121969   | 18.538  | ug/l   | 98       |
| 40) Benzene                    | 8.19  | 78   | 293415   | 20.394  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.35  | 41   | 35331m   | 25.671  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.26  | 62   | 81973    | 20.312  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.29  | 43   | 103339   | 21.534  | ug/l   | 99       |
| 44) Trichloroethene            | 8.96  | 130  | 92717    | 20.621  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.24  | 63   | 73705    | 21.227  | ug/l   | 98       |
| 46) Dibromomethane             | 9.33  | 93   | 41631    | 20.838  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.52  | 83   | 100934   | 20.778  | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.31  | 41   | 45484    | 20.943  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.32  | 88   | 11658    | 440.727 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 267970   | 108.335 | ug/l   | 100      |
| 52) Toluene                    | 10.26 | 92   | 188607   | 20.398  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.48 | 75   | 103520   | 20.339  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 119348   | 20.284  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.66 | 97   | 61414    | 21.080  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 82635    | 21.321  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 103385   | 20.925  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.80  | 63   | 209574   | 102.538 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.85 | 43   | 184326   | 108.271 | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.00 | 129  | 78092    | 21.075  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 60261    | 20.890  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.74 | 164  | 101308   | 21.183  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.53 | 112  | 210812   | 20.602  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 80728    | 21.253  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.60 | 91   | 364458   | 20.277  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.71 | 106  | 275992   | 39.685  | ug/l   | 98       |
| 69) o-Xylene                   | 12.04 | 106  | 131496   | 20.194  | ug/l   | 98       |
| 70) Styrene                    | 12.05 | 104  | 230935   | 20.745  | ug/l   | 99       |
| 71) Bromoform                  | 12.22 | 173  | 49905    | 21.168  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.34 | 105  | 361128   | 20.612  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.16 | 43   | 93233    | 22.122  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.60 | 83   | 56591    | 20.310  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 47413m   | 19.736  | ug/l   |          |
| 77) Bromobenzene               | 12.62 | 156  | 92405    | 21.111  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.68 | 91   | 414265   | 20.375  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.77 | 91   | 236706   | 21.018  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.82 | 105  | 300802   | 20.713  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75   | 23456    | 19.578  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 243251   | 20.562  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.08 | 119  | 269250   | 21.144  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 302202   | 20.880  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.27 | 105  | 364437   | 20.625  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.38 | 119  | 339494   | 20.505  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.38 | 146  | 171347   | 20.683  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 172027   | 20.970  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.70 | 91   | 304391   | 20.196  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.97 | 117  | 64745    | 21.474  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.75 | 146  | 156794   | 21.210  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 10870    | 20.928  | ug/l   | 98       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050420\  
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Acq On : 04 May 2020 22:38  
Operator : SY/MD  
Sample : VY0504SBS02  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

Manual Integrations  
APPROVED

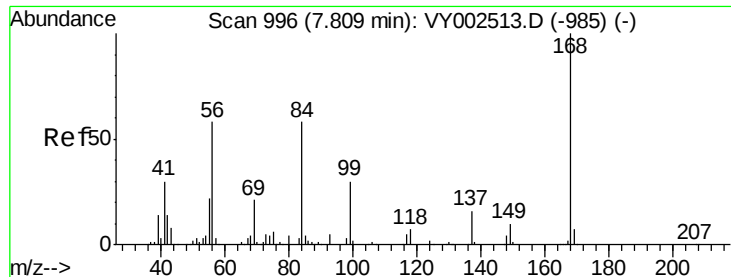
MMDadoda  
5/5/2020 11:29:20 AM

Quant Time: May 05 08:48:50 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y043020S.M  
Quant Title : SW846 8260  
QLast Update : Mon May 04 12:22:08 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.02 | 180  | 108336   | 20.186 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.12 | 225  | 66710    | 20.708 | ug/l  | 99       |
| 95) Naphthalene            | 15.25 | 128  | 208855   | 21.332 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.44 | 180  | 94749    | 20.796 | ug/l  | 99       |

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





#1

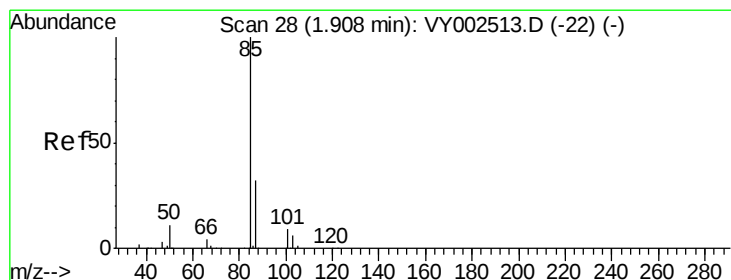
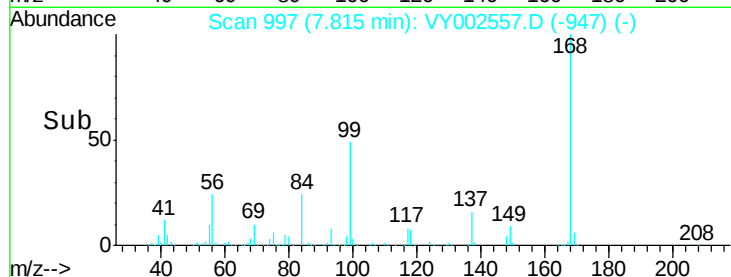
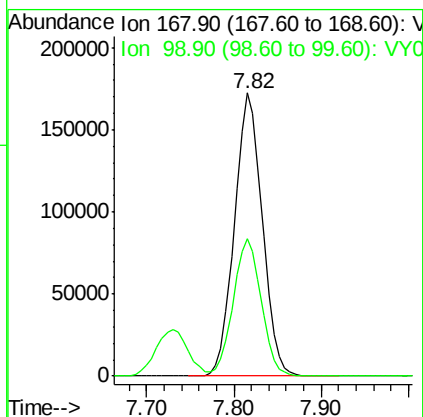
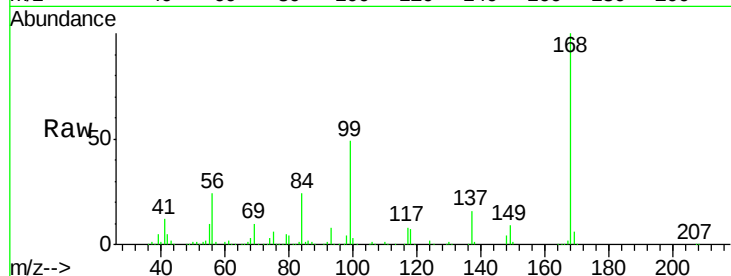
Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.82 min Scan# 997  
 Delta R.T. 0.01 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0504SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 48.7  | 39.2  | 58.8  |

Manual Integrations  
 APPROVED

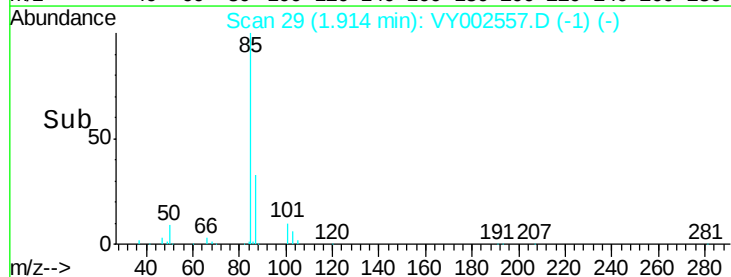
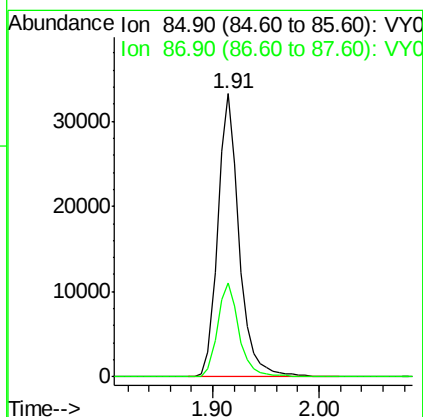
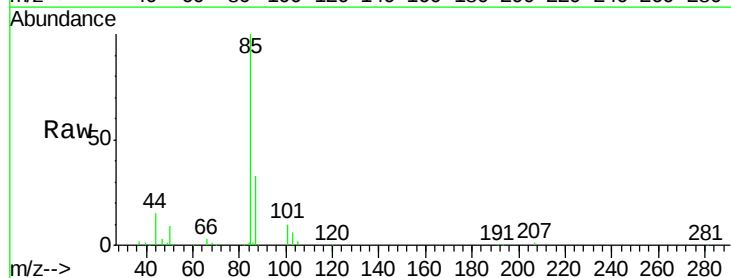
MMDadoda  
 5/5/2020 11:29:20 AM

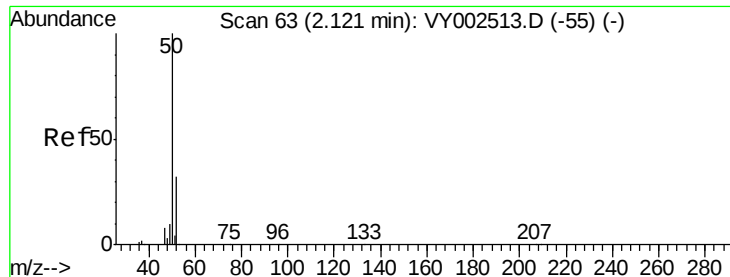


#2

Dichlorodifluoromethane  
 Concen: 15.949 ug/l  
 RT: 1.91 min Scan# 29  
 Delta R.T. 0.01 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 33.4  | 15.8  | 47.4  |





#3

Chloromethane

Concen: 18.884 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

VY0504SBS02

Tot Ion: 50 Resp: 58262

Ion Ratio Lower Upper

50 100

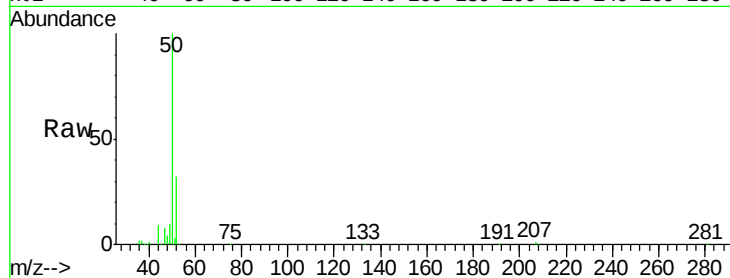
52 31.5 25.9 38.9

Manual Integrations

APPROVED

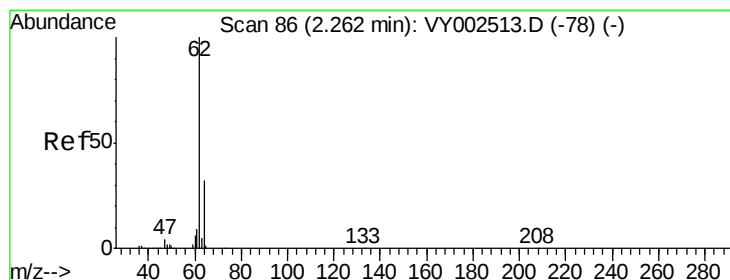
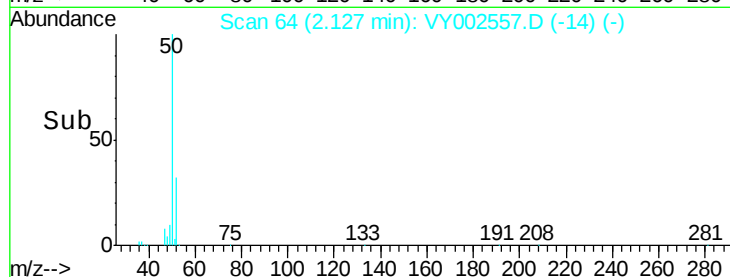
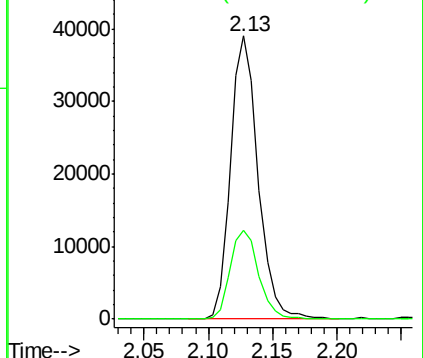
MMDadoda

5/5/2020 11:29:20 AM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.234 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002557.D

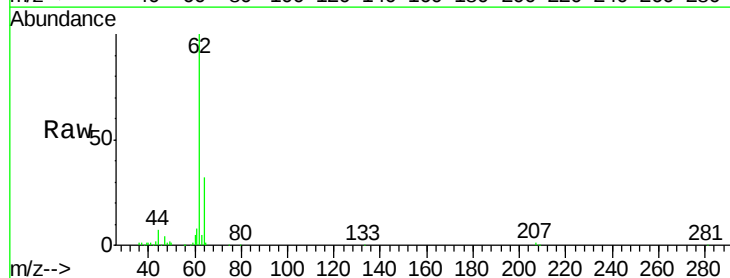
Acq: 04 May 2020 22:38

Tgt Ion: 62 Resp: 68522

Ion Ratio Lower Upper

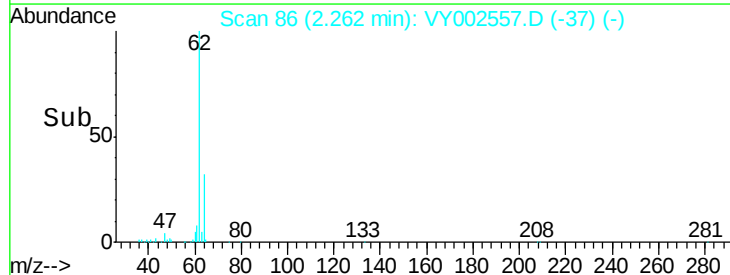
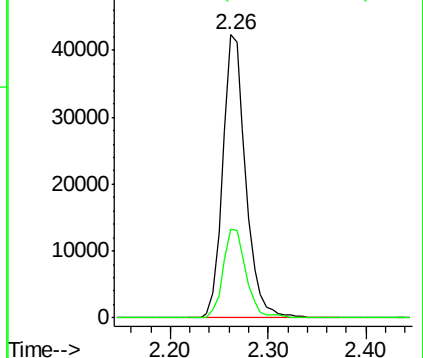
62 100

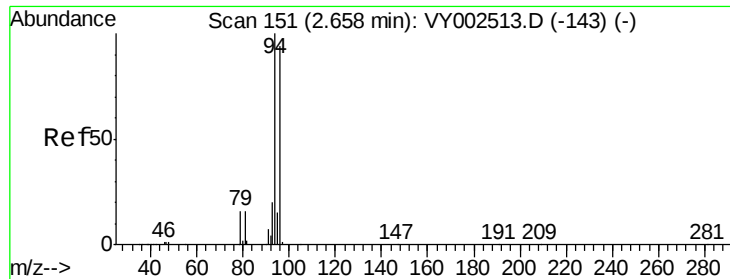
64 31.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.173 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

VY0504SBS02

Tot Ion: 94 Resp: 49561

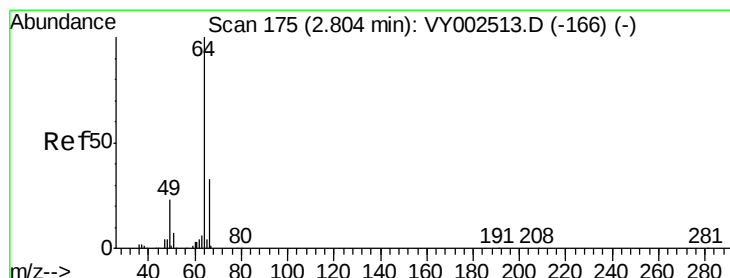
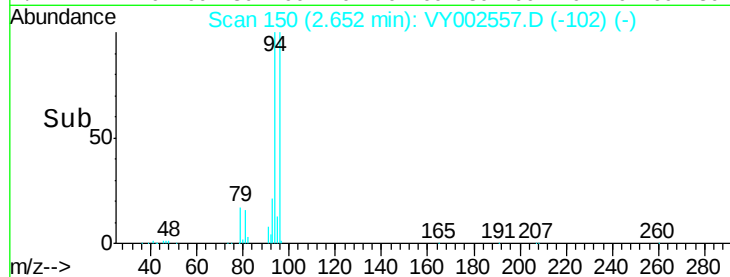
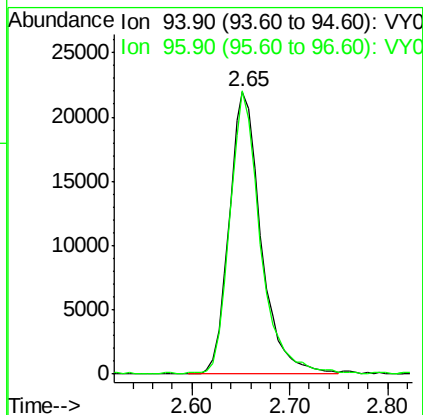
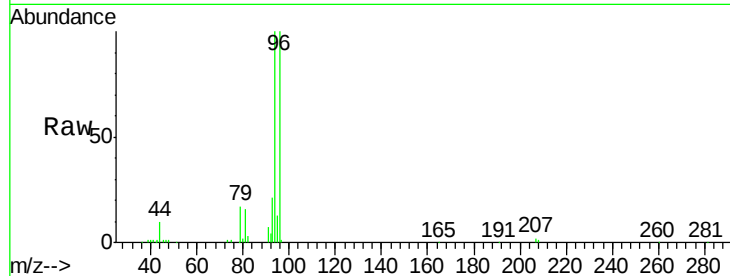
Ion Ratio Lower Upper

94 100

96 99.8 74.9 112.3

Manual Integrations  
APPROVED

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5/5/2020 11:29:20 AM



#6

Chloroethane

Concen: 19.997 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002557.D

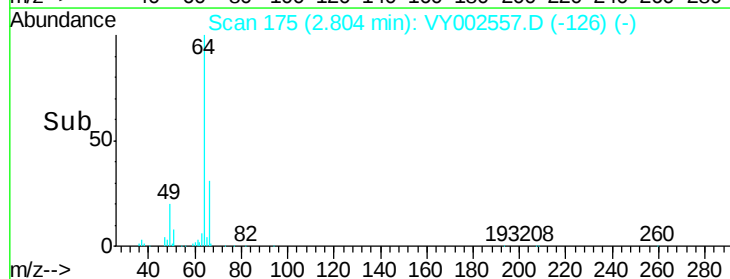
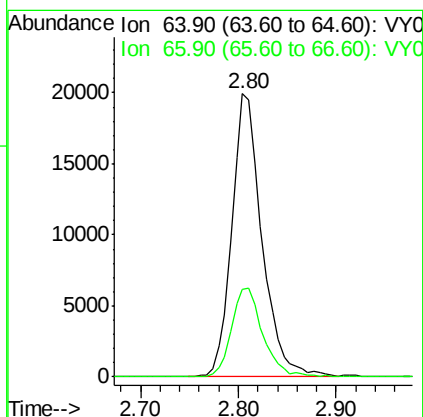
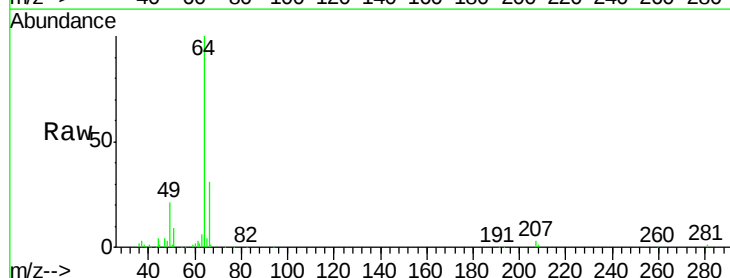
Acq: 04 May 2020 22:38

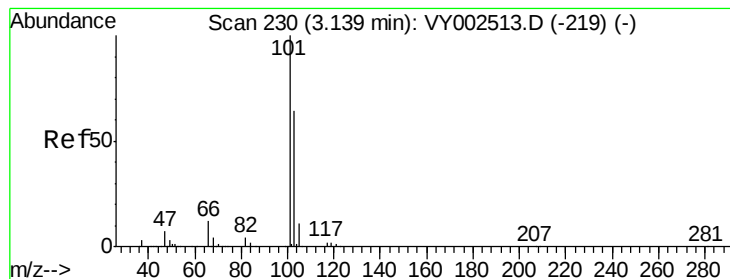
Tgt Ion: 64 Resp: 42538

Ion Ratio Lower Upper

64 100

66 31.1 26.3 39.5





#7

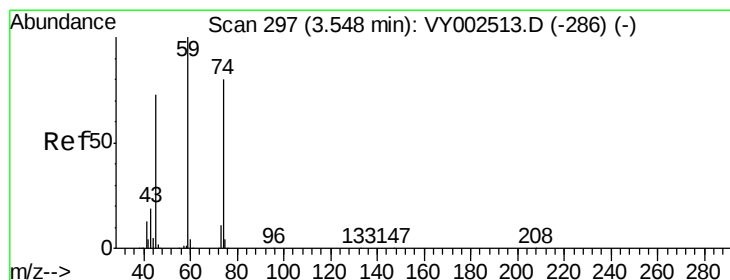
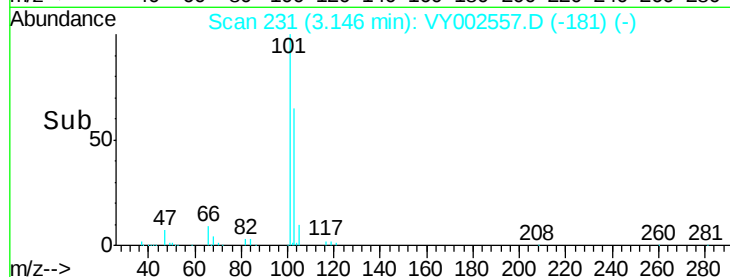
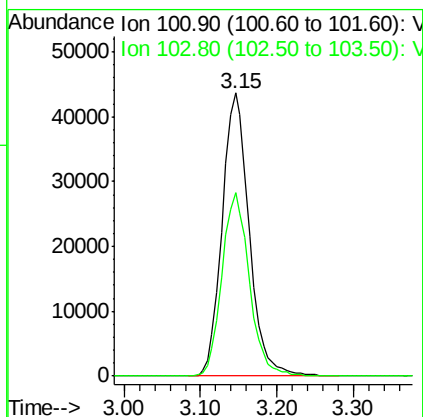
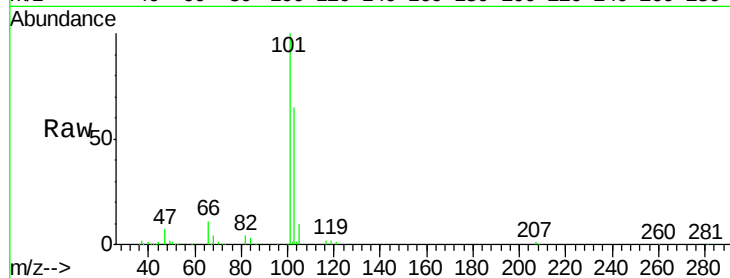
Trichlorofluoromethane  
Concen: 19.299 ug/l  
RT: 3.15 min Scan# 231  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 106558 |       |       |
| 103     | 64.9  | 51.4   | 77.0  |       |

Manual Integrations  
APPROVED

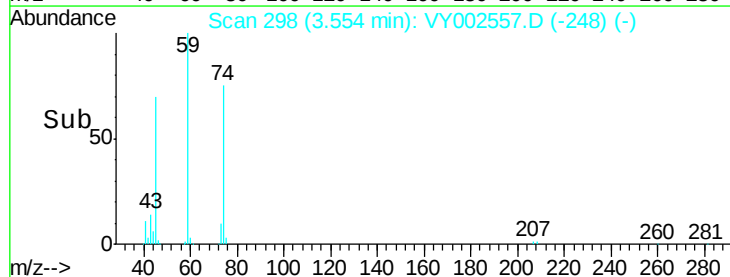
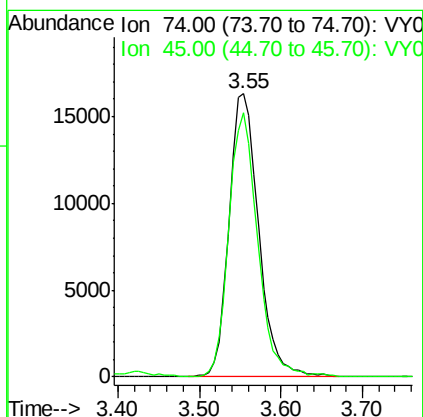
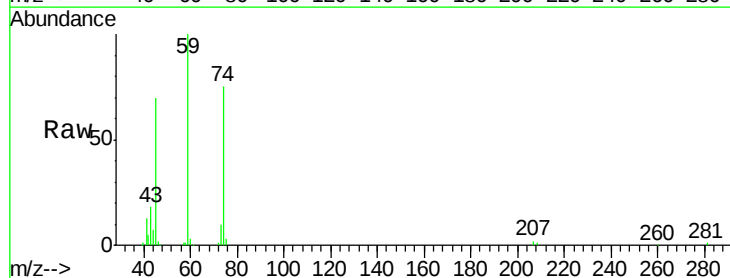
MMDadoda  
5/5/2020 11:29:20 AM

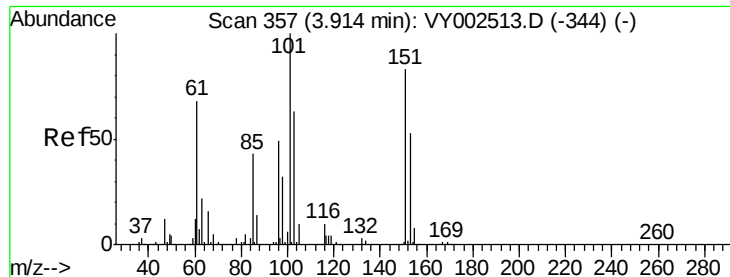


#8

Diethyl Ether  
Concen: 22.007 ug/l  
RT: 3.55 min Scan# 298  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 40834 |       |       |
| 45      | 91.2  | 46.2  | 138.5 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.532 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.02 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

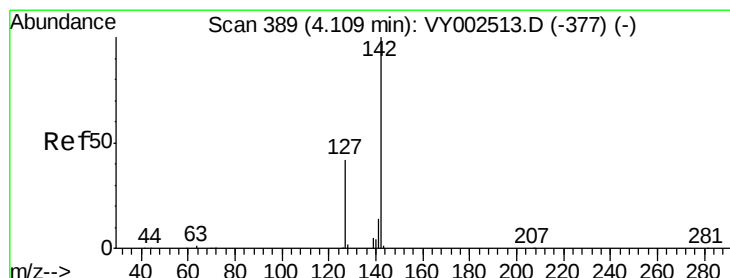
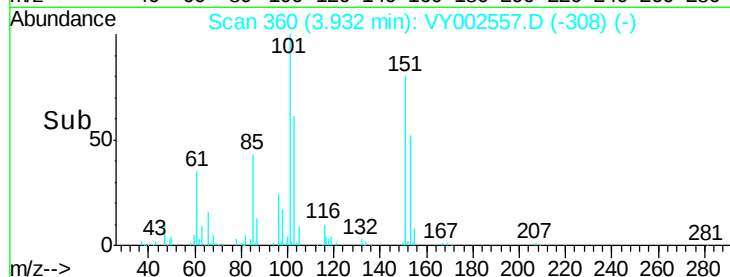
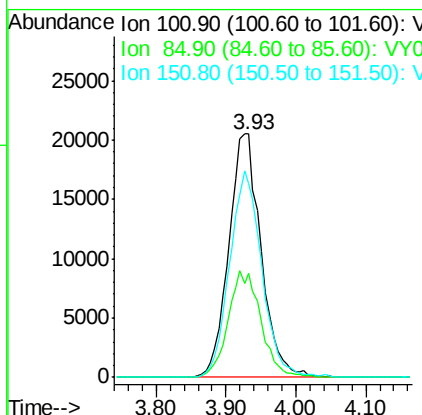
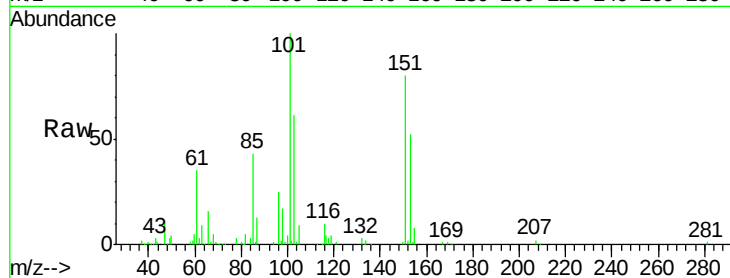
ClientSampleId :

VY0504SBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 65911 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.0  | 33.4  | 50.2  |
| 151       | 84.5  | 66.8  | 100.2 |

Manual Integrations  
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#10

Methyl Iodide

Concen: 20.068 ug/l

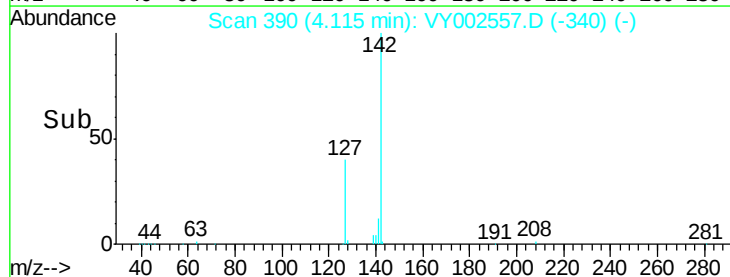
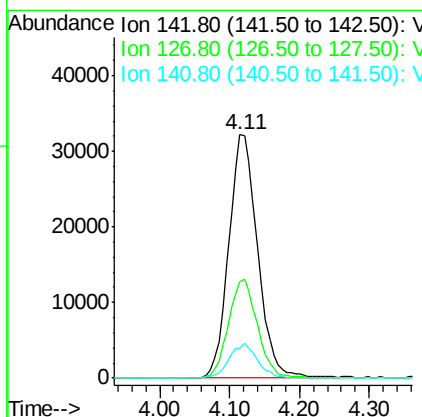
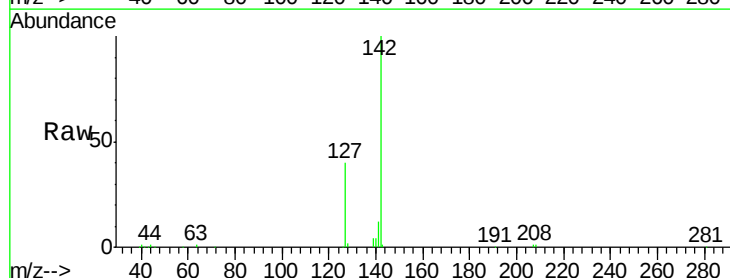
RT: 4.11 min Scan# 390

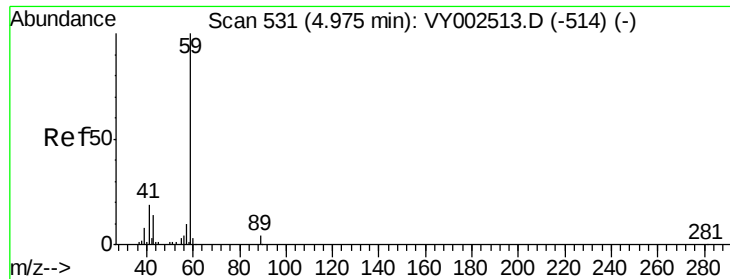
Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 92262 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 40.8  | 33.7  | 50.5  |
| 141       | 13.7  | 11.4  | 17.0  |





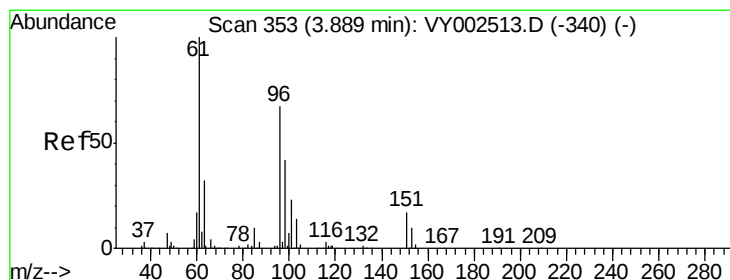
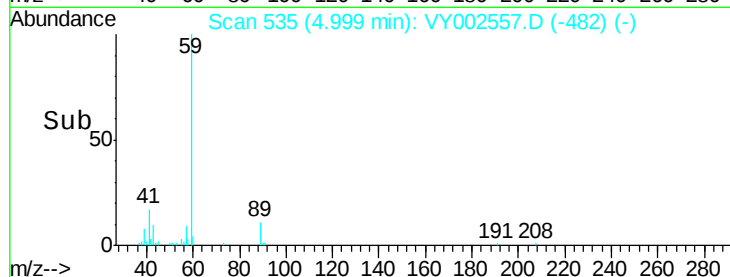
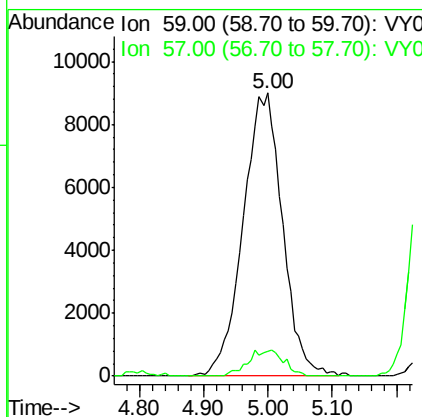
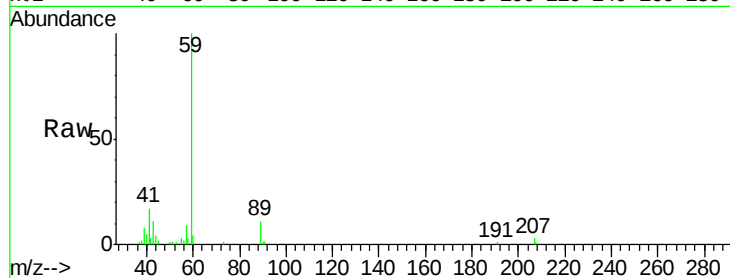
#11  
Tert butyl alcohol  
Concen: 115.052 ug/l  
RT: 5.00 min Scan# 535  
Delta R.T. 0.02 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

Tot Ion: 59 Resp: 37901  
Ion Ratio Lower Upper  
59 100  
57 8.3 7.8 11.6

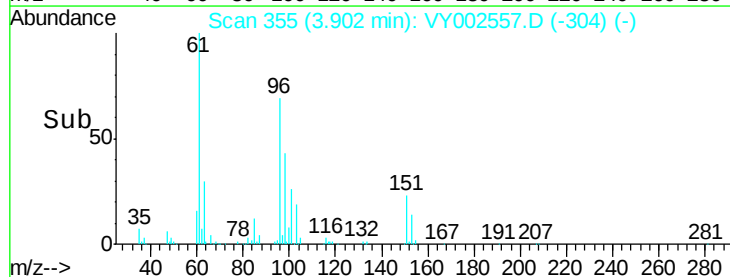
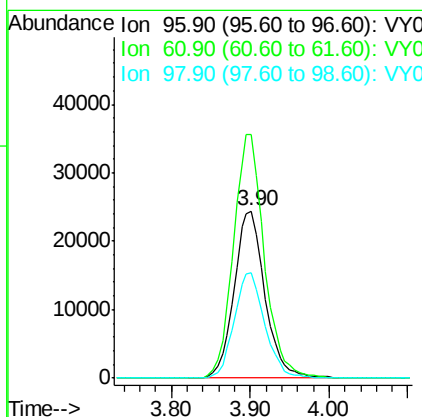
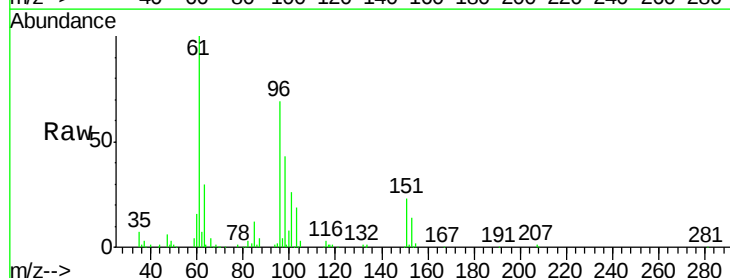
Manual Integrations  
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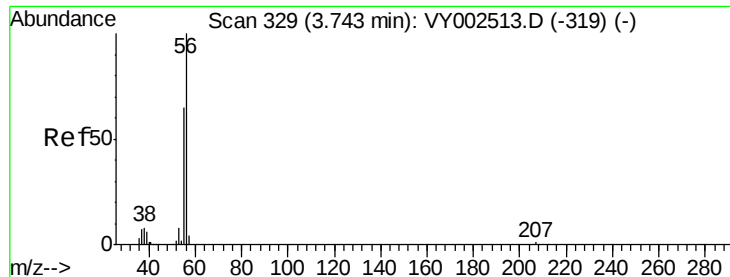
MMDadoda  
5/5/2020 11:29:20 AM



#12  
1,1-Dichloroethene  
Concen: 20.178 ug/l  
RT: 3.90 min Scan# 355  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Tgt Ion: 96 Resp: 66147  
Ion Ratio Lower Upper  
96 100  
61 145.6 118.8 178.2  
98 63.3 49.6 74.4





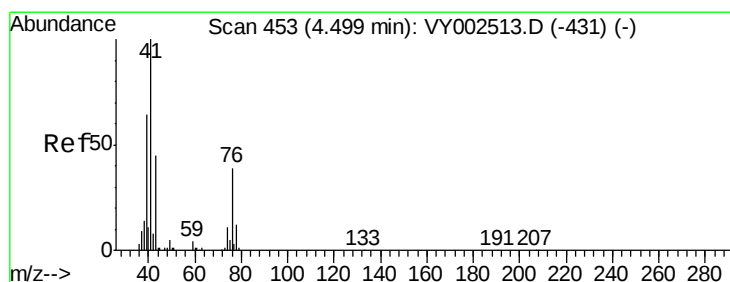
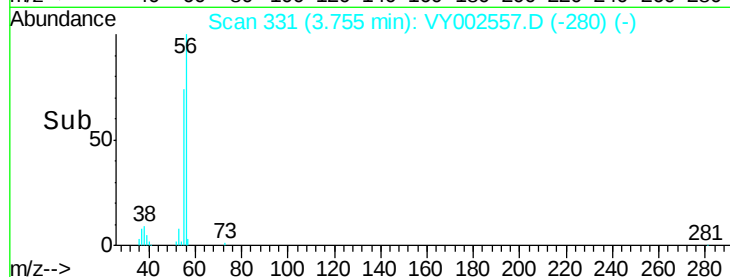
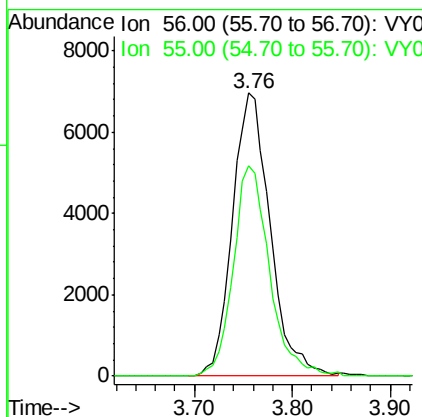
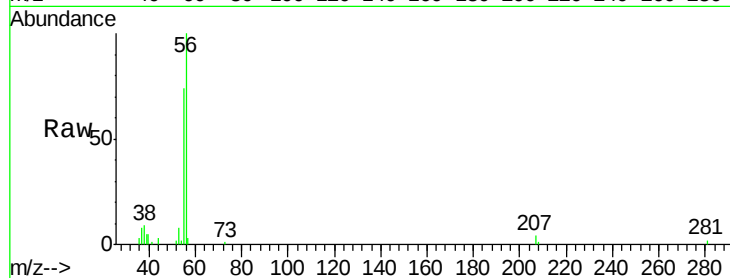
#13  
Acrolein  
Concen: 81.814 ug/l  
RT: 3.76 min Scan# 331  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

| Tot Ion   | 56   | Resp  | 18637 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 55        | 71.5 | 53.8  | 80.6  |

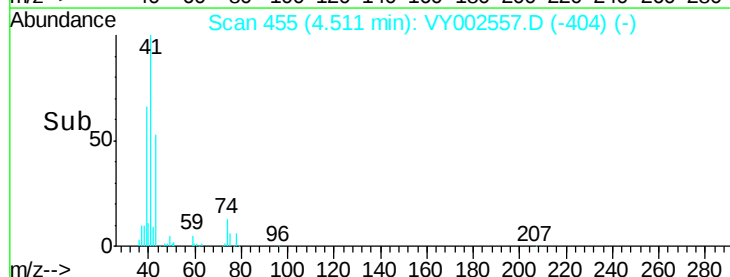
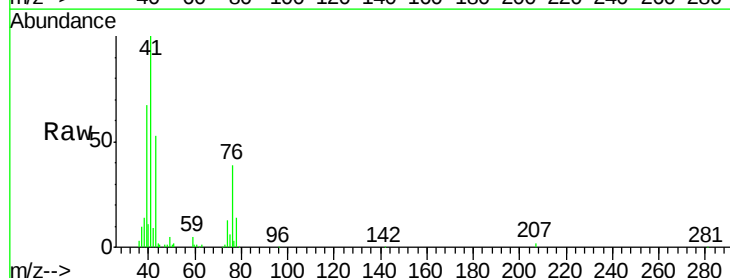
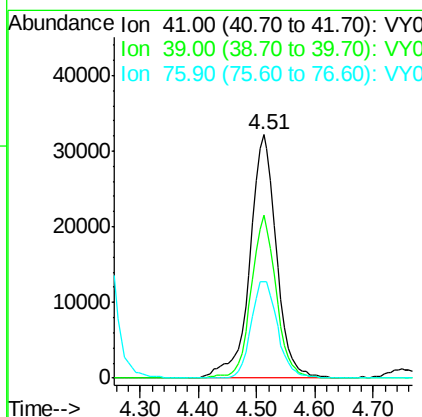
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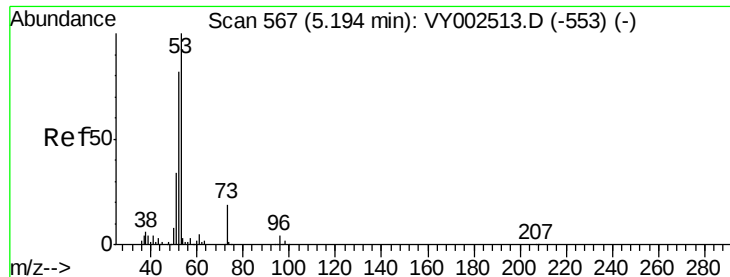
MMDadoda  
5/5/2020 11:29:20 AM



#14  
Allyl chloride  
Concen: 21.312 ug/l  
RT: 4.51 min Scan# 455  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

| Tgt Ion   | 41   | Resp  | 101794 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 39        | 63.2 | 51.8  | 77.6   |
| 76        | 39.3 | 31.7  | 47.5   |





#15

Acrylonitrile

Concen: 110.307 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

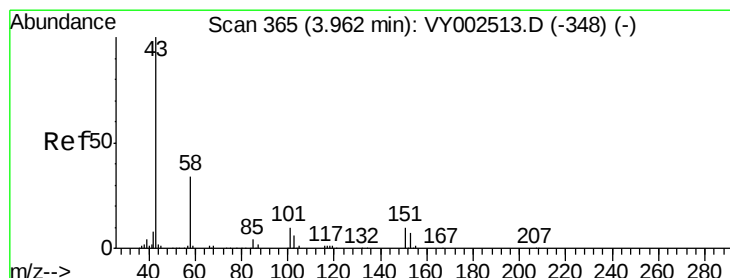
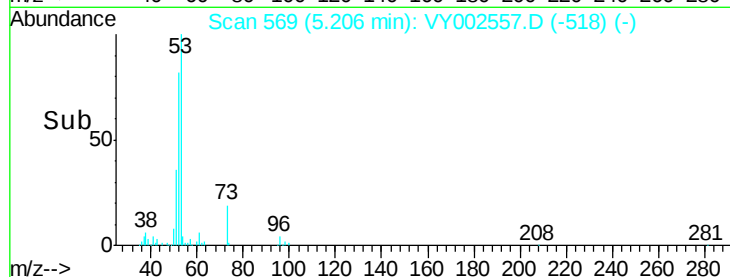
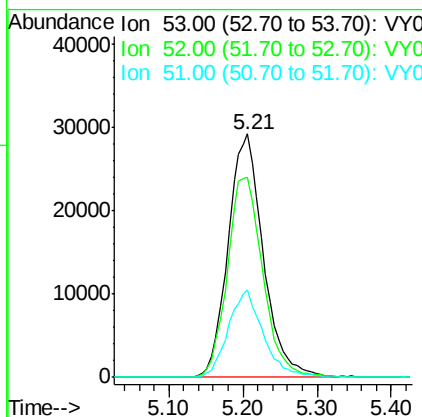
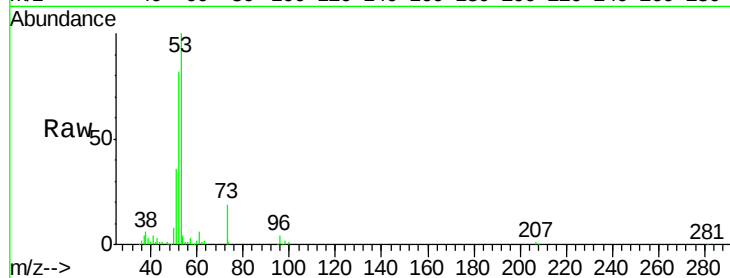
ClientSampleId :

VY0504SBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 53    | Resp: | 96519 |
| Ion Ratio | Lower | Upper |       |
| 53        | 100   |       |       |
| 52        | 83.2  | 65.4  | 98.0  |
| 51        | 35.6  | 28.7  | 43.1  |

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#16

Acetone

Concen: 107.813 ug/l

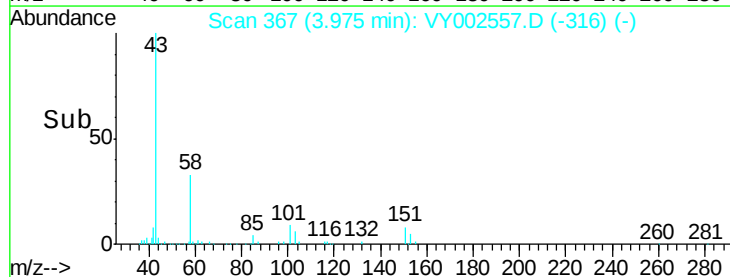
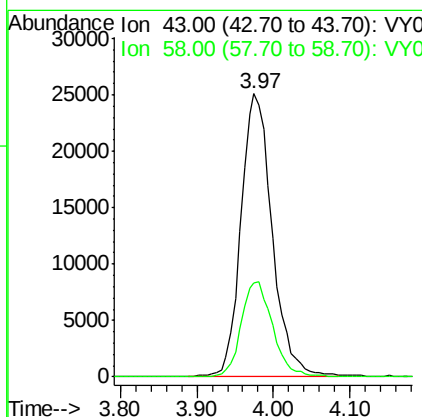
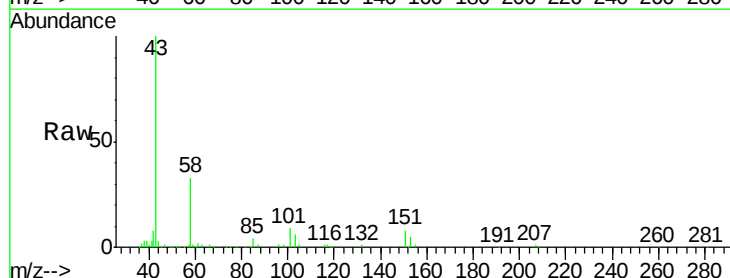
RT: 3.97 min Scan# 367

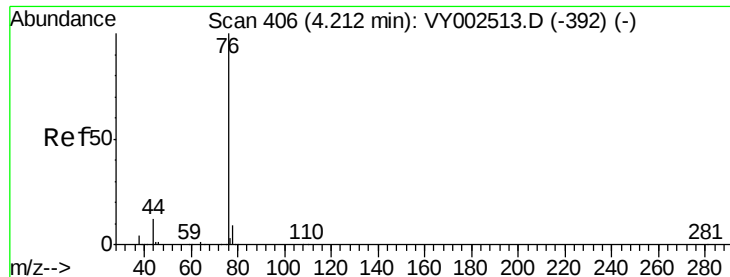
Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 71244 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 33.0  | 26.9  | 40.3  |





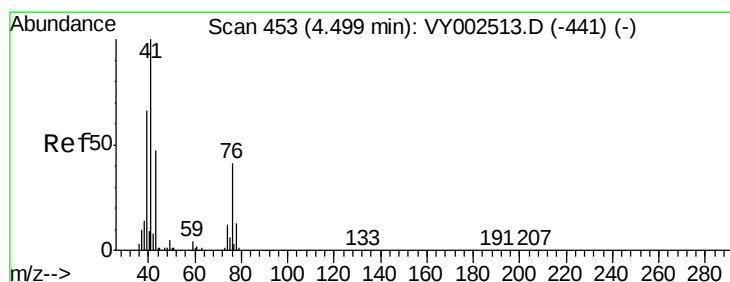
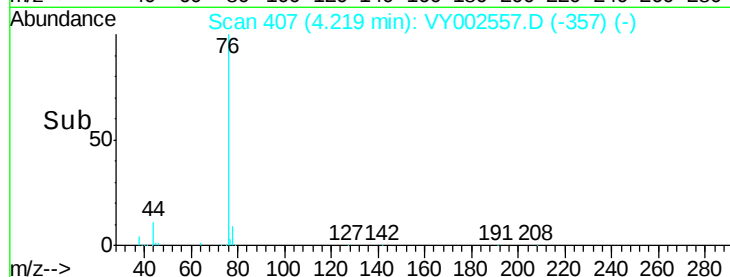
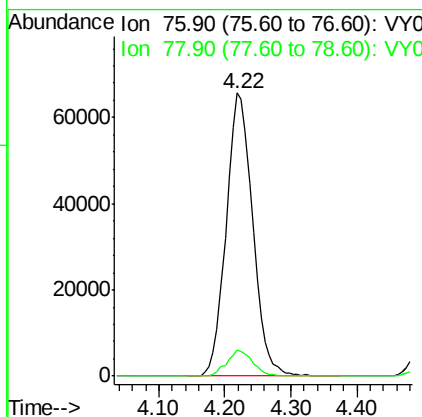
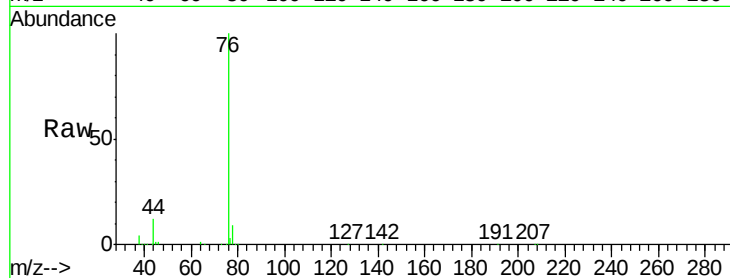
#17  
Carbon Disulfide  
Concen: 18.513 ug/l  
RT: 4.22 min Scan# 407  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.3   | 7.4   | 11.2  |

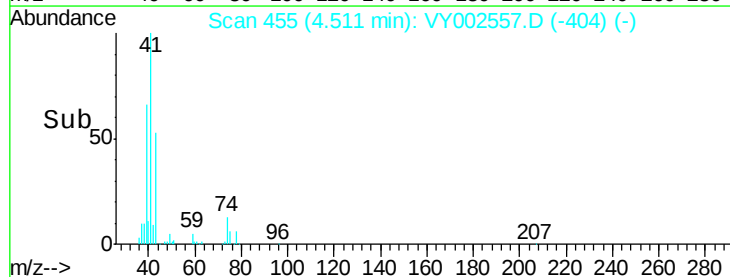
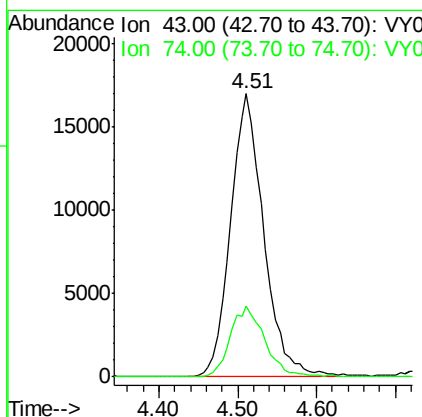
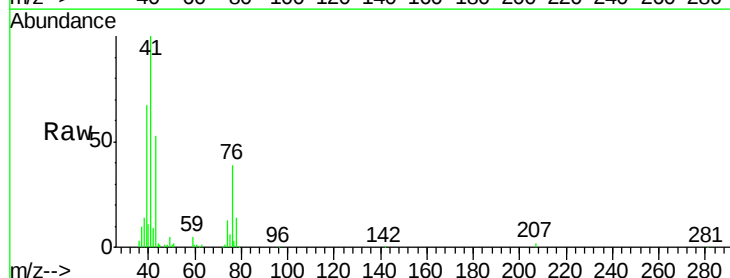
Manual Integrations  
APPROVED

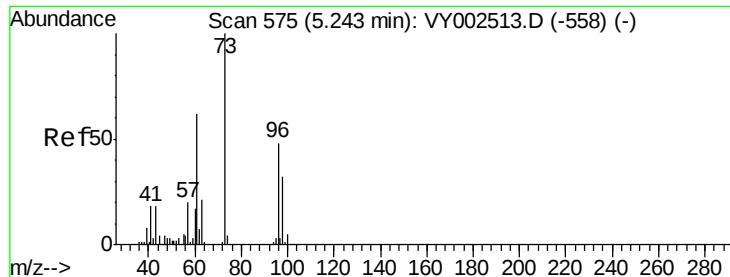
MMDadoda  
5/5/2020 11:29:20 AM



#18  
Methyl Acetate  
Concen: 22.611 ug/l  
RT: 4.51 min Scan# 455  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 25.9  | 21.2  | 31.8  |





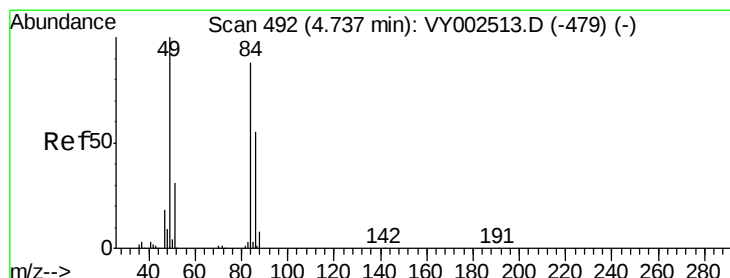
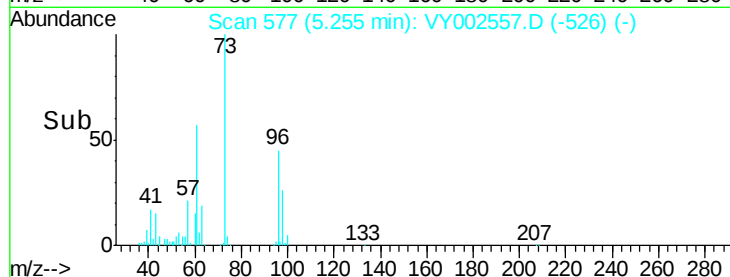
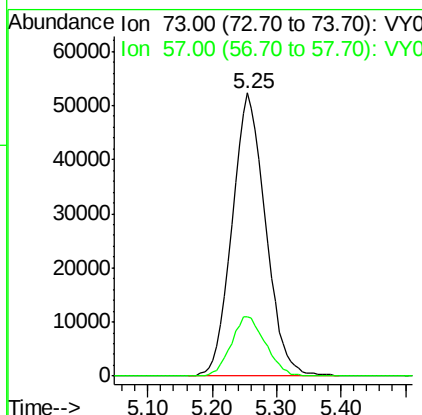
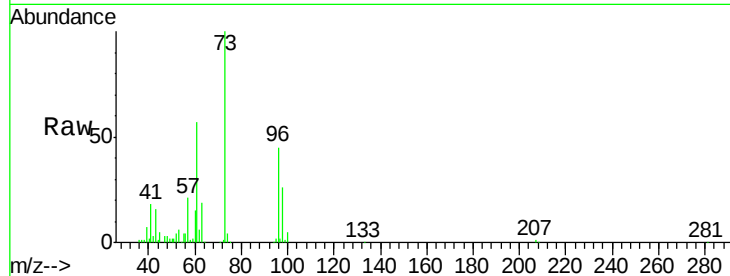
#19  
Methvl tert-butvl Ether  
Concen: 22.017 ug/l  
RT: 5.25 min Scan# 577  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

Tot Ion: 73 Resp: 188307  
Ion Ratio Lower Upper  
73 100  
57 20.9 16.3 24.5

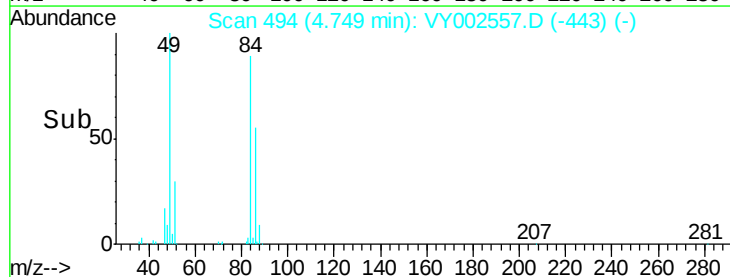
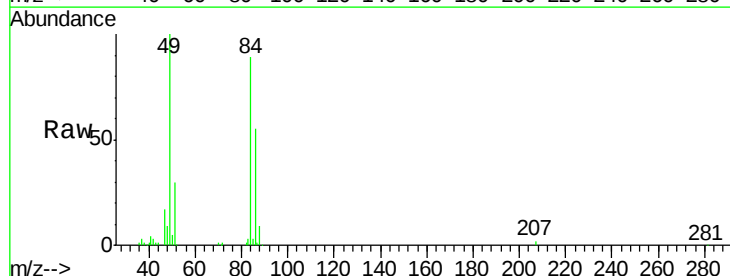
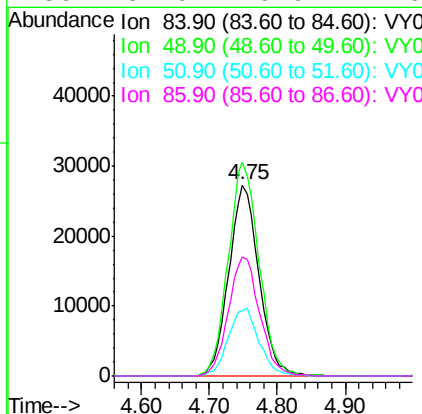
Manual Integrations  
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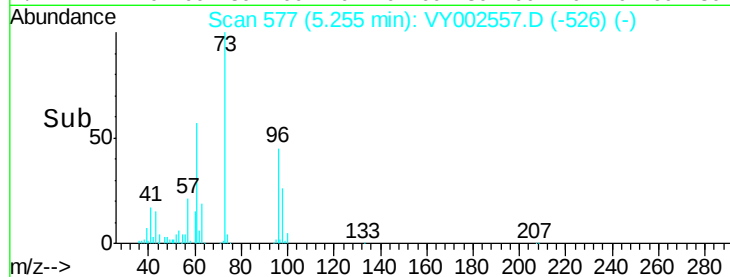
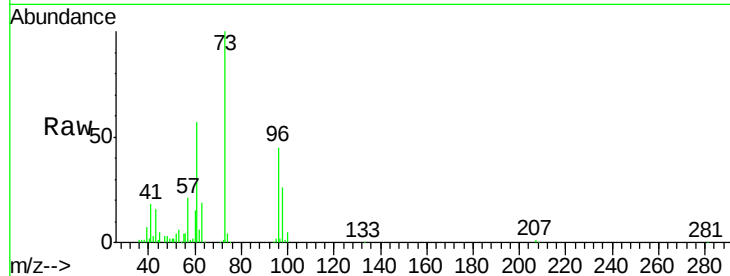
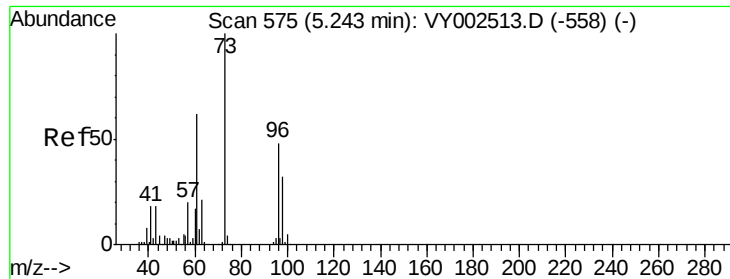
MMDadoda  
5/5/2020 11:29:20 AM



#20  
Methylene Chloride  
Concen: 22.674 ug/l  
RT: 4.75 min Scan# 494  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Tgt Ion: 84 Resp: 83789  
Ion Ratio Lower Upper  
84 100  
49 111.7 90.5 135.7  
51 34.1 28.3 42.5  
86 62.0 49.9 74.9





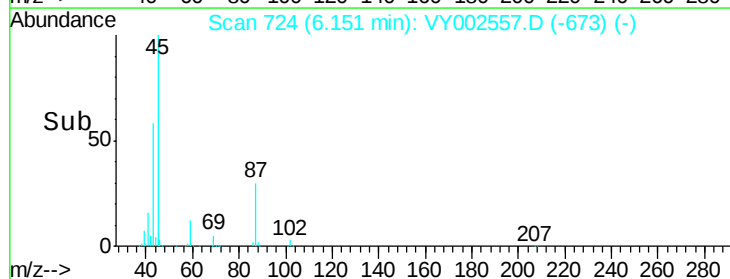
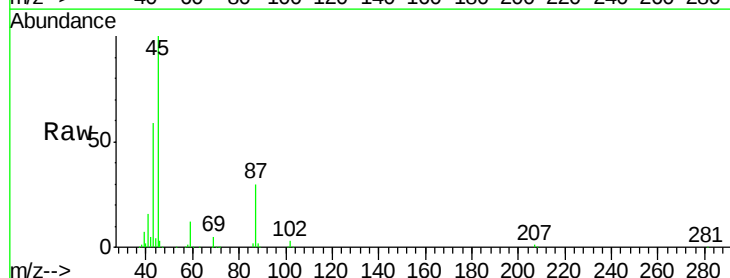
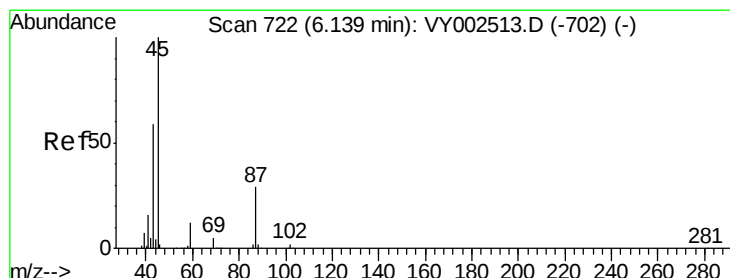
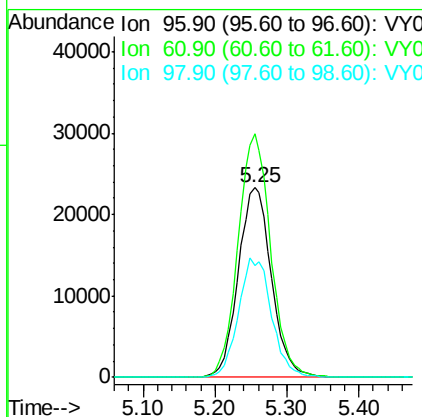
#21  
trans-1,2-Dichloroethene  
Concen: 20.781 ug/l  
RT: 5.25 min Scan# 577  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 128.4 | 102.0 | 153.0 |
| 98      | 59.1  | 53.0  | 79.4  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

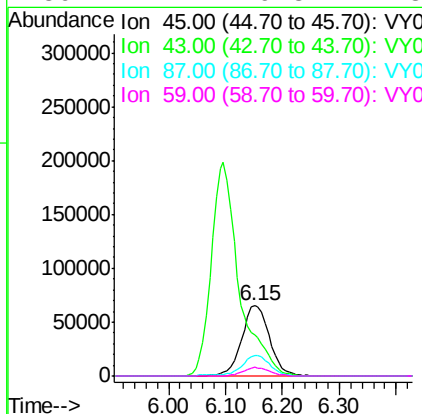
Manual Integrations  
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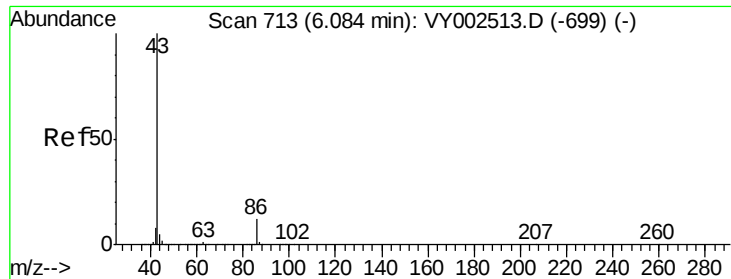
MMDadoda  
5/5/2020 11:29:20 AM



#22  
Diisopropyl ether  
Concen: 23.075 ug/l  
RT: 6.15 min Scan# 724  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 58.5  | 47.4  | 71.0  |
| 87      | 30.0  | 24.0  | 36.0  |
| 59      | 12.4  | 9.8   | 14.8  |





#23

Vinyl Acetate

Concen: 110.960 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

VY0504SBS02

Tot Ion: 43 Resp: 674415

Ion Ratio Lower Upper

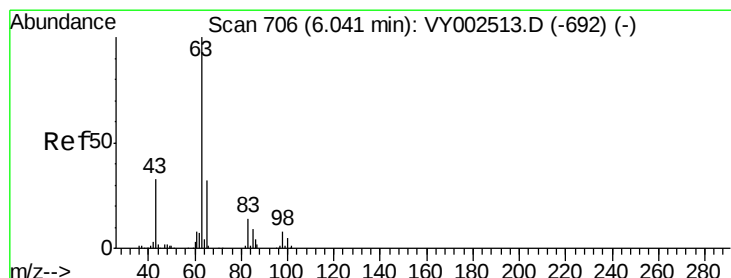
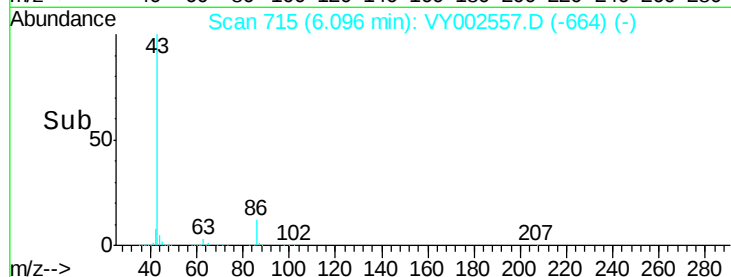
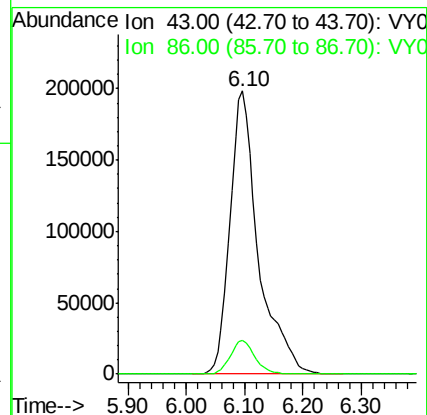
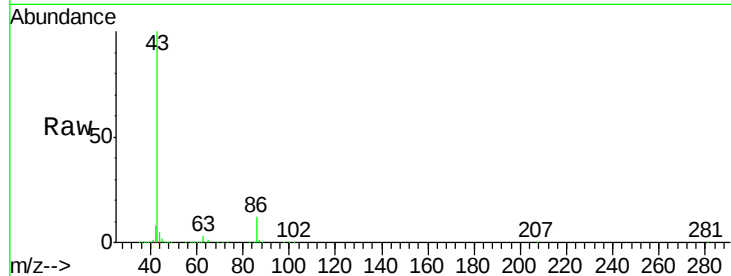
43 100

86 12.0 9.8 14.6

Manual Integrations  
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#24

1,1-Dichloroethane

Concen: 22.054 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

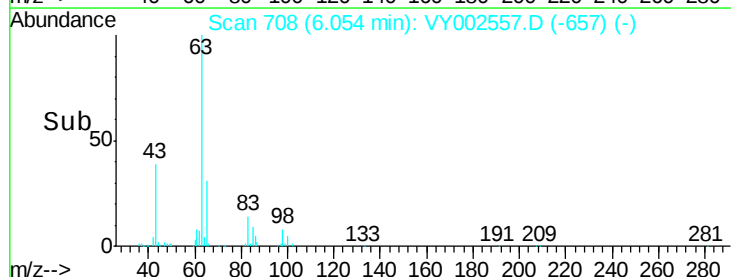
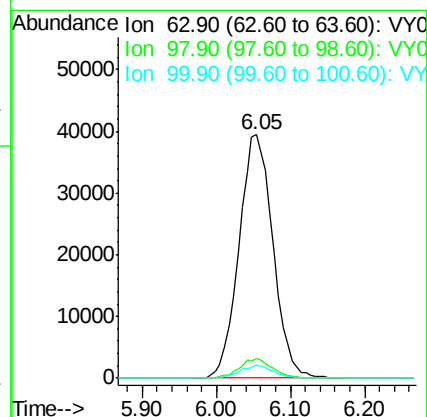
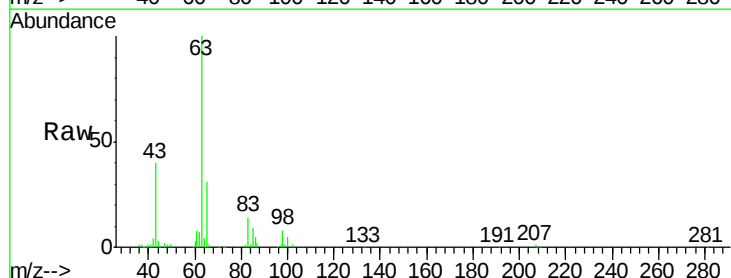
Tgt Ion: 63 Resp: 126093

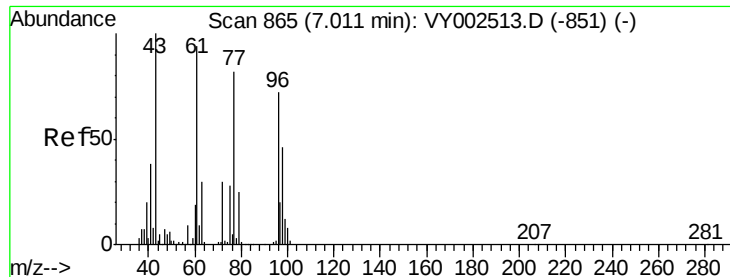
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 5.4 2.4 7.2





#25

2-Butanone

Concen: 111.358 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

VY0504SBS02

Tot Ion: 43 Resp: 120457

Ion Ratio Lower Upper

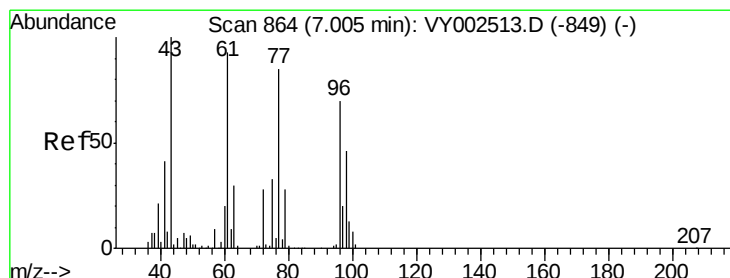
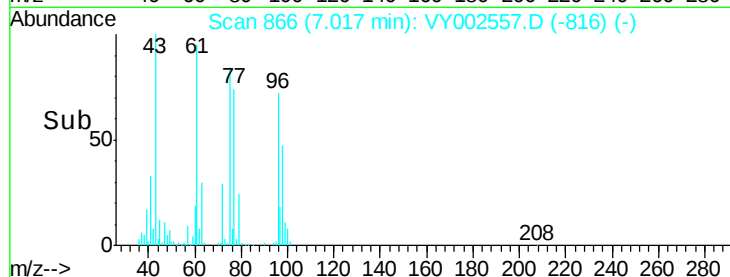
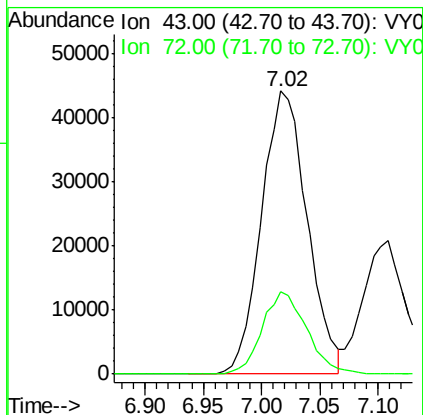
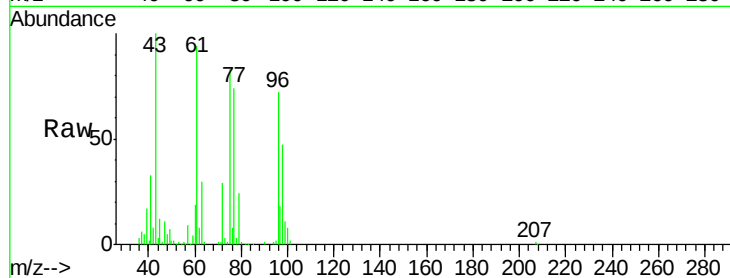
43 100

72 29.1 24.1 36.1

Manual Integrations  
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5/5/2020 11:29:20 AM



#26

2,2-Dichloropropane

Concen: 18.953 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002557.D

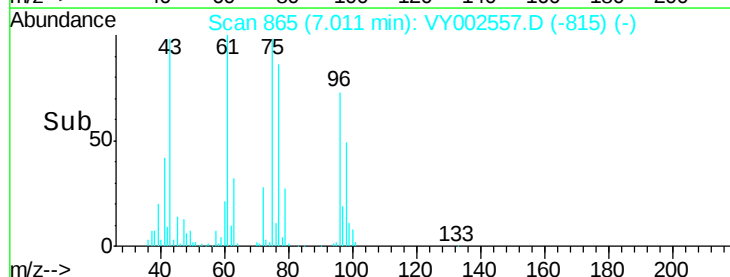
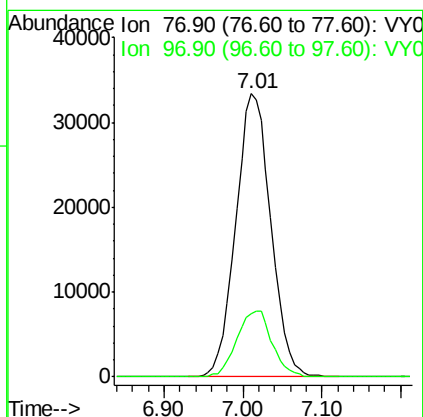
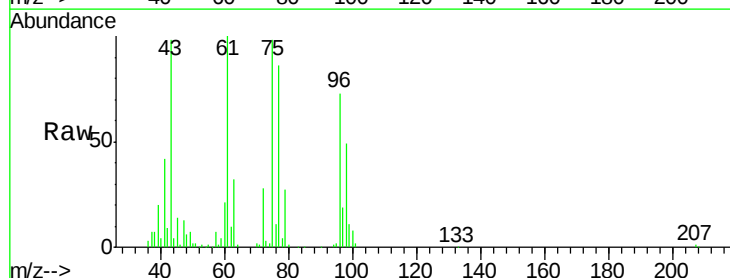
Acq: 04 May 2020 22:38

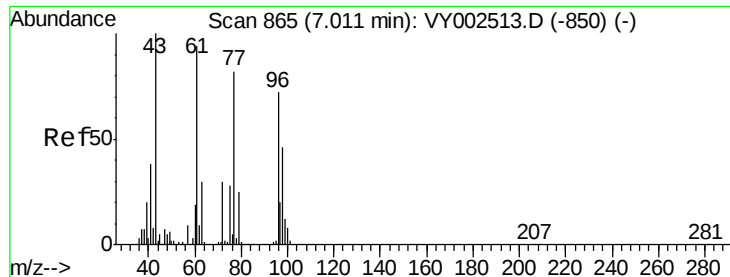
Tgt Ion: 77 Resp: 103002

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.5





#27

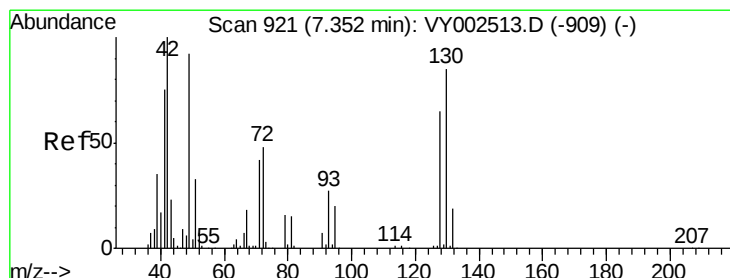
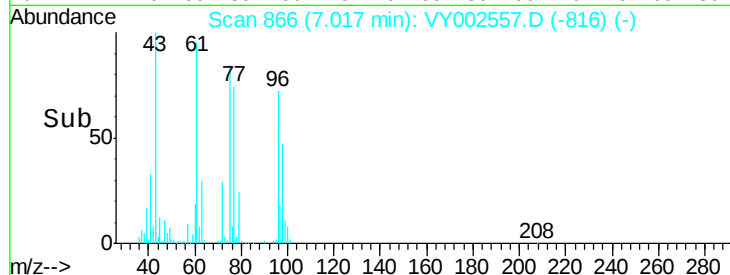
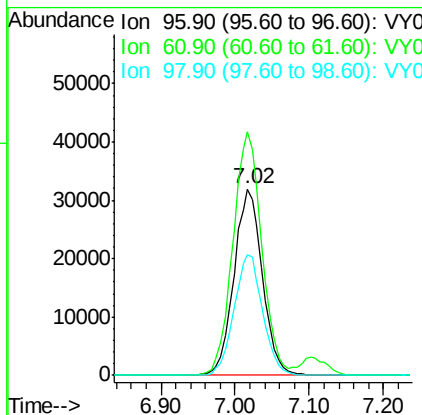
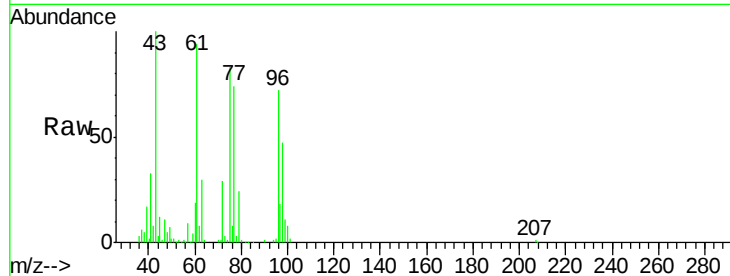
cis-1,2-Dichloroethene  
 Concen: 21.531 ug/l  
 RT: 7.02 min Scan# 866  
 Delta R.T. 0.01 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0504SBS02

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 132.5 | 0.0  | 266.6 |       |
| 98      | 65.2  | 0.0  | 129.2 |       |

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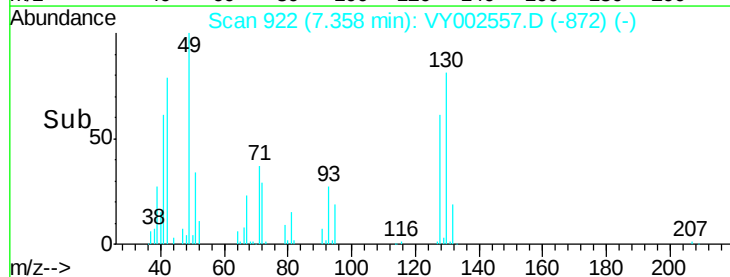
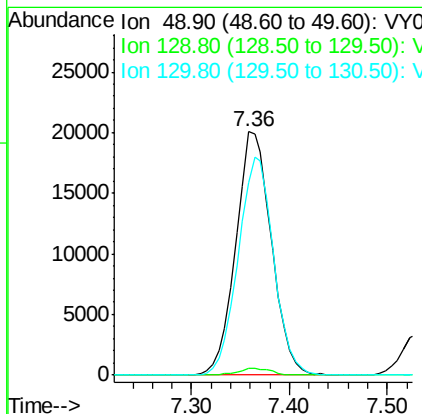
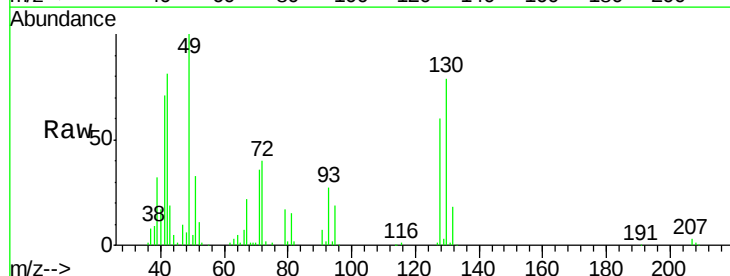
MMDadoda  
 5/5/2020 11:29:20 AM

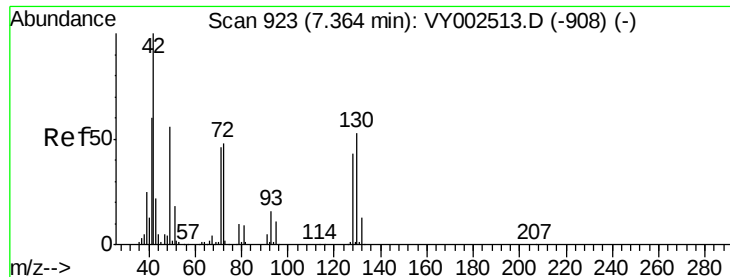


#28

Bromochloromethane  
 Concen: 21.676 ug/l  
 RT: 7.36 min Scan# 922  
 Delta R.T. 0.01 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 2.6   | 0.0  | 4.8   |       |
| 130     | 88.9  | 72.5 | 108.7 |       |





#29

Tetrahydrofuran

Concen: 111.735 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

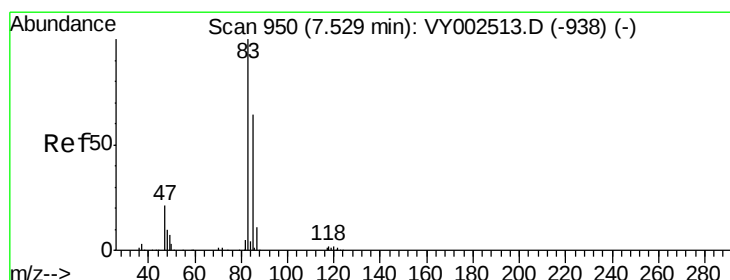
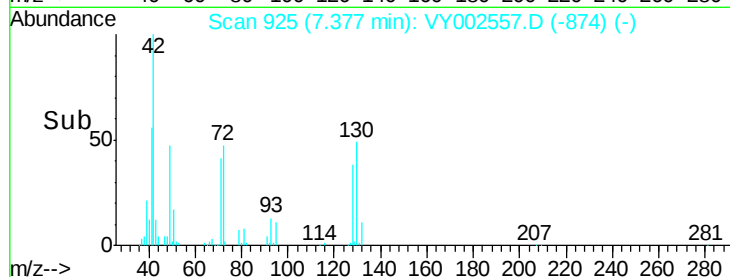
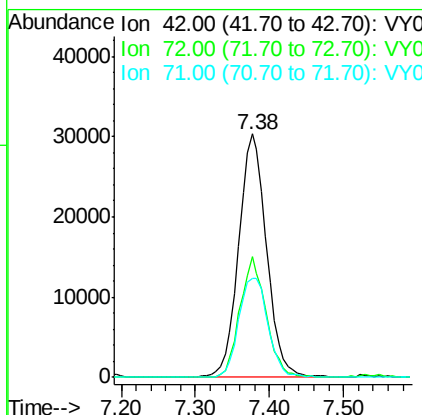
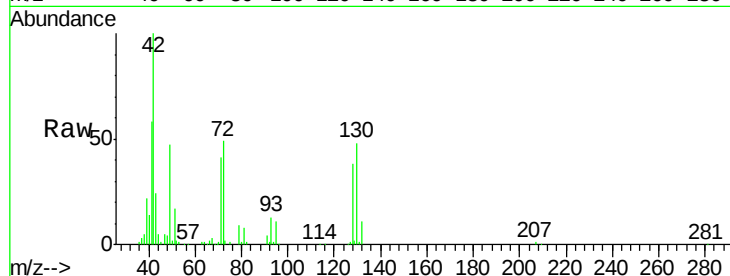
ClientSampleId :

VY0504SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 42    | Resp: | 79966 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 46.3  | 37.4  | 56.2  |
| 71       | 42.7  | 35.0  | 52.4  |

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#30

Chloroform

Concen: 21.735 ug/l

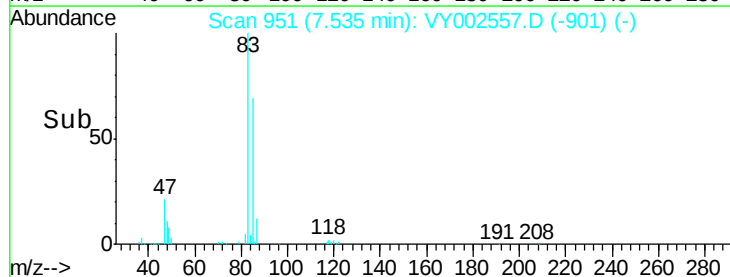
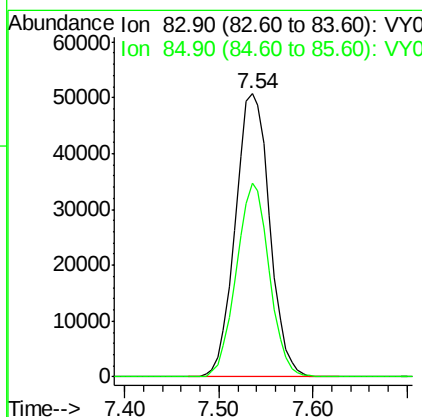
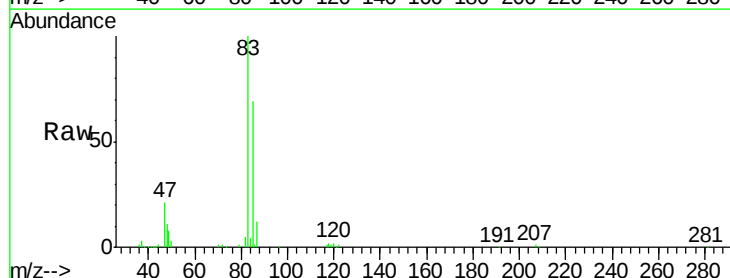
RT: 7.54 min Scan# 951

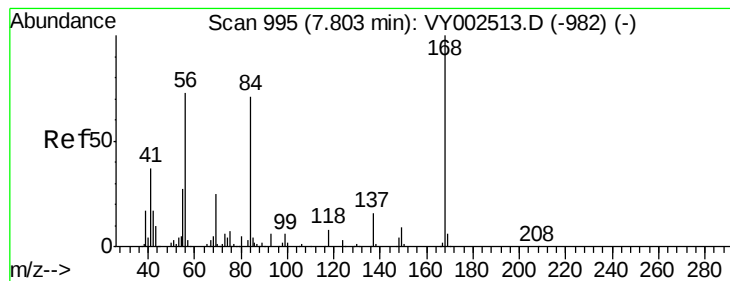
Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 129211 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 68.6  | 51.5  | 77.3   |





#31

Cyclohexane

Concen: 19.259 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

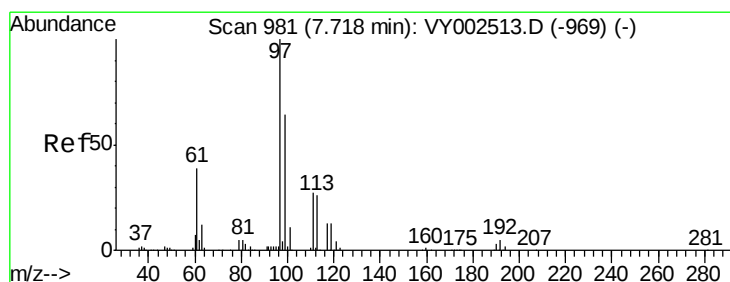
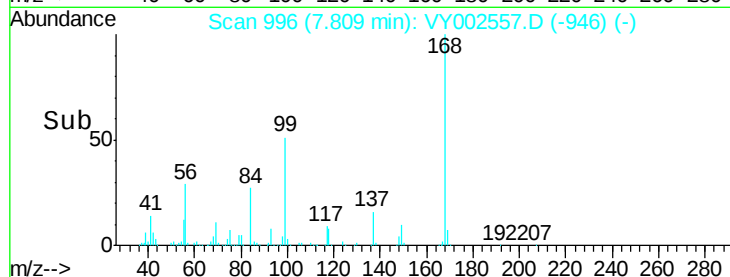
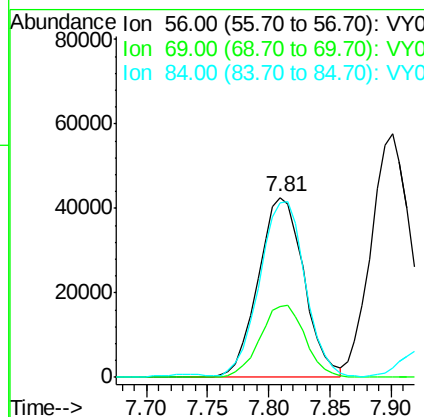
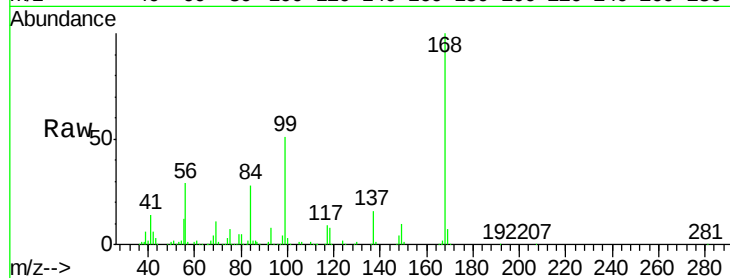
ClientSampleId :

VY0504SBS02

| Tot Ion | 56    | Resp  | 110839 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 56      | 100   |       |        |
| 69      | 39.5  | 27.6  | 41.4   |
| 84      | 95.0  | 77.7  | 116.5  |

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#32

1,1,1-Trichloroethane

Concen: 20.436 ug/l

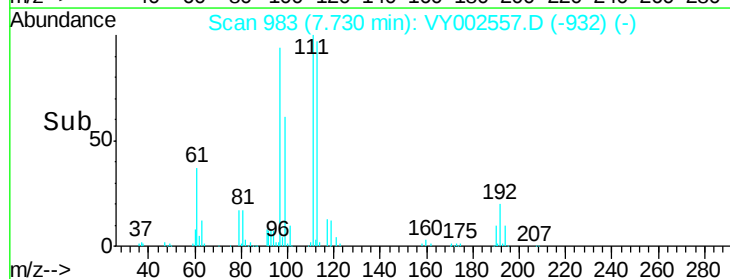
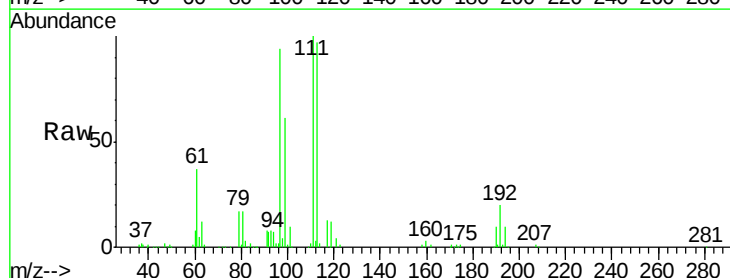
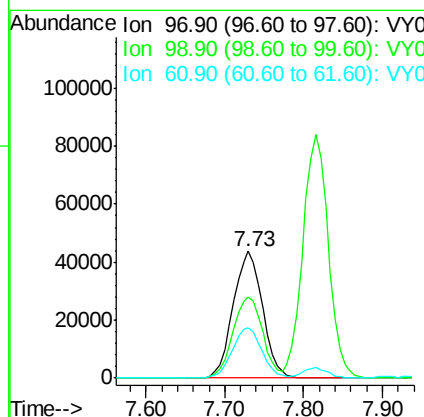
RT: 7.73 min Scan# 983

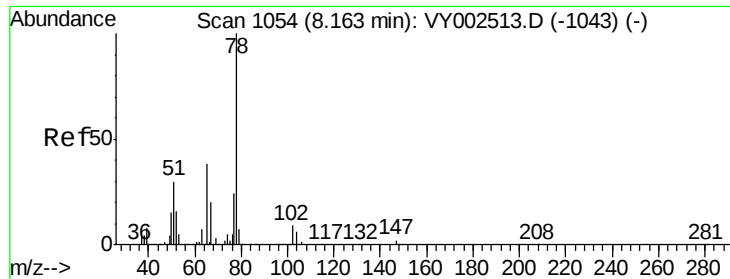
Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

| Tgt Ion | 97    | Resp  | 112924 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 97      | 100   |       |        |
| 99      | 65.1  | 51.9  | 77.9   |
| 61      | 40.2  | 31.0  | 46.6   |





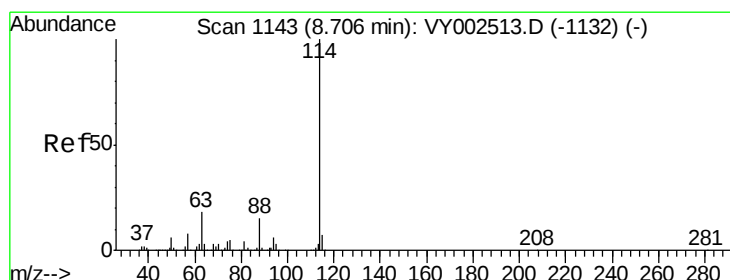
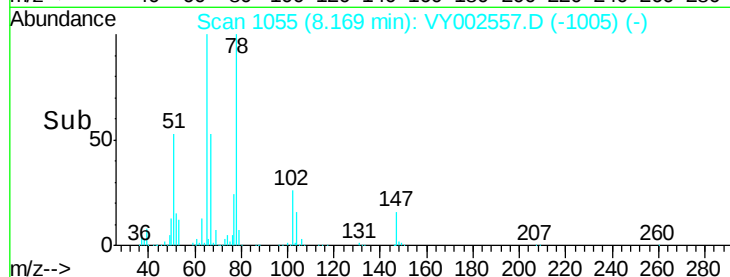
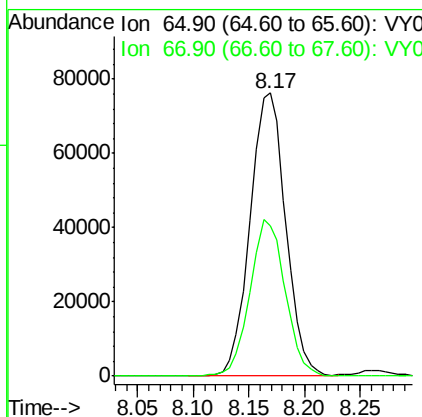
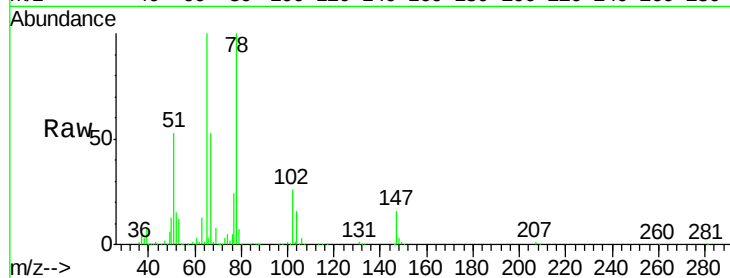
#33  
 1,2-Dichloroethane-d4  
 Concen: 53.238 ug/l  
 RT: 8.17 min Scan# 1055  
 Delta R.T. 0.01 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0504SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 170464 |       |       |
| 67      | 54.7  | 0.0    | 107.2 |       |

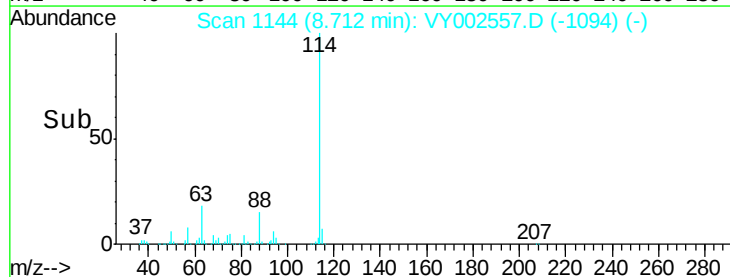
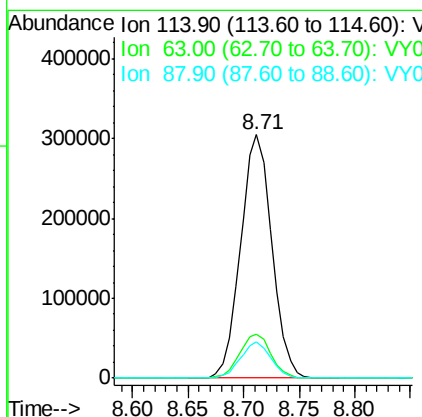
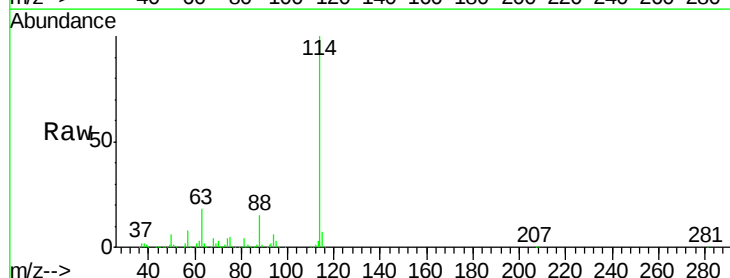
Manual Integrations  
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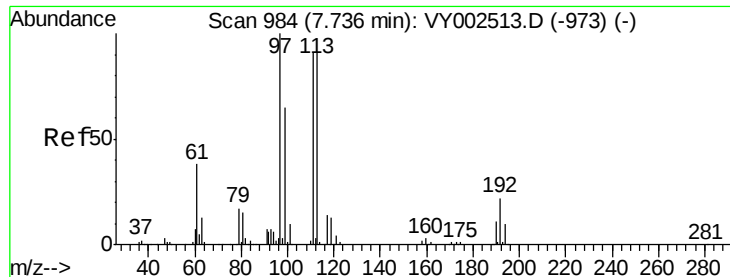
MMDadoda  
 5/5/2020 11:29:20 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.71 min Scan# 1144  
 Delta R.T. 0.01 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 594215 |       |       |
| 63      | 17.8  | 0.0    | 36.4  |       |
| 88      | 14.8  | 0.0    | 29.6  |       |





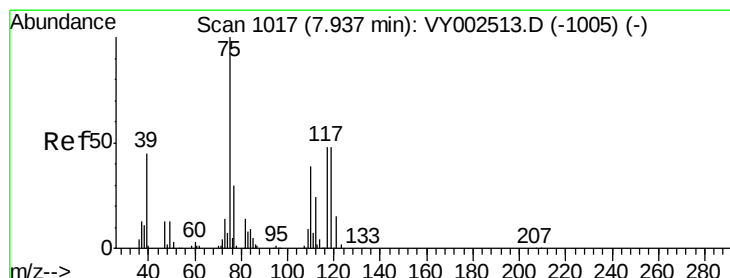
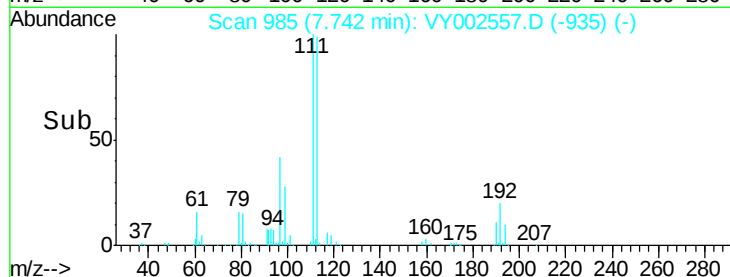
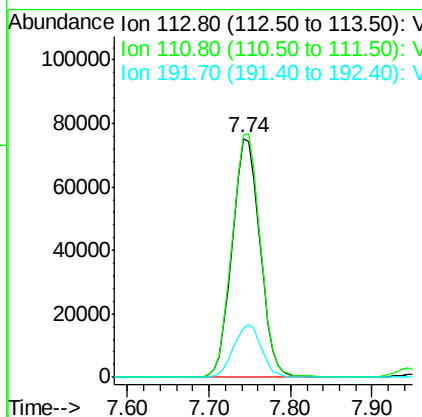
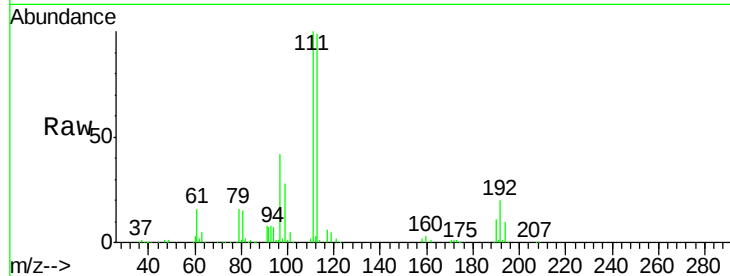
#35  
 Dibromofluoromethane  
 Concen: 52.081 ug/l  
 RT: 7.74 min Scan# 985  
 Delta R.T. 0.01 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0504SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.3 | 81.8  | 122.6 |
| 192     | 22.1  | 18.2  | 27.4  |

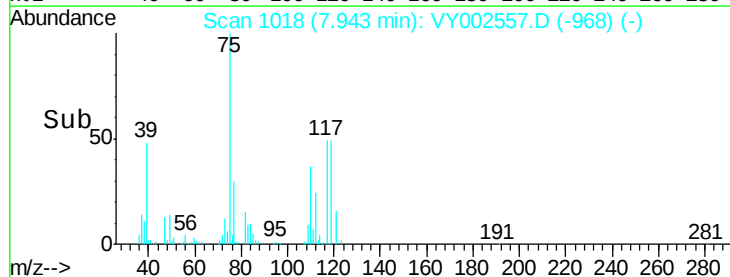
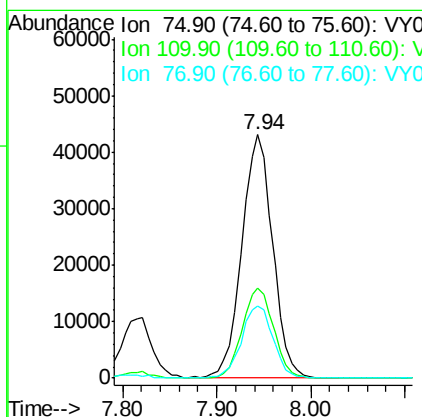
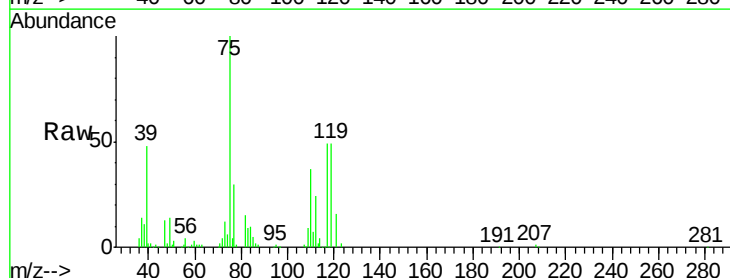
Manual Integrations  
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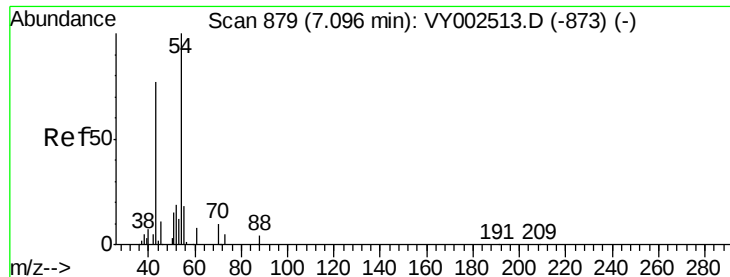
MMDadoda  
 5/5/2020 11:29:20 AM



#36  
 1,1-Dichloropropene  
 Concen: 19.699 ug/l  
 RT: 7.94 min Scan# 1018  
 Delta R.T. 0.01 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.5  | 19.1  | 57.3  |
| 77      | 30.4  | 24.6  | 37.0  |





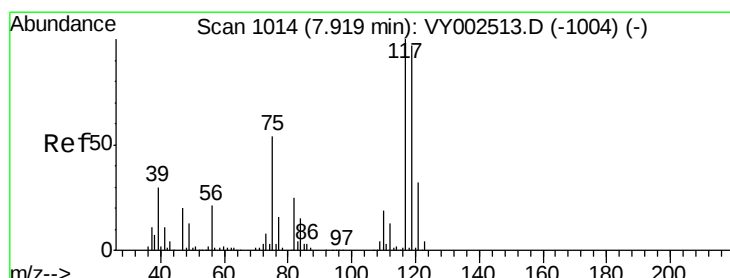
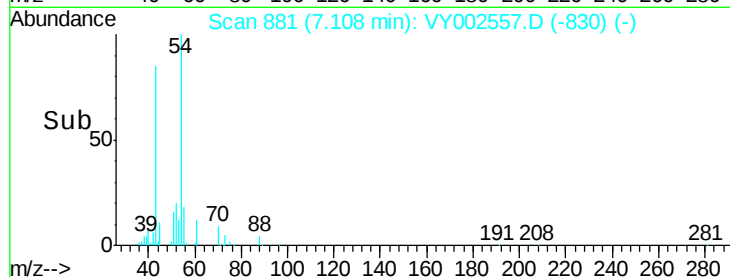
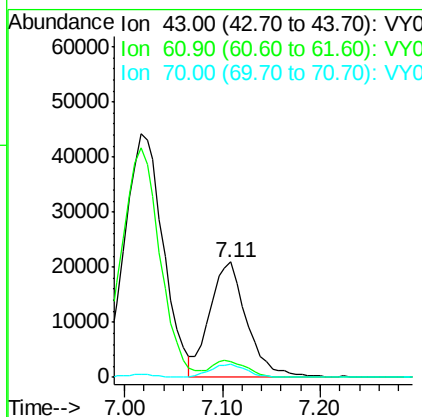
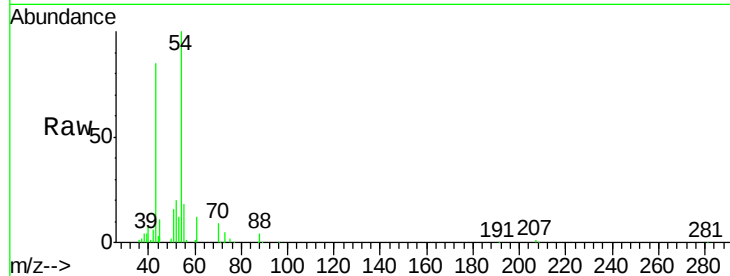
#37  
Ethyl Acetate  
Concen: 21.369 ug/l  
RT: 7.11 min Scan# 881  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.8  | 11.6  | 17.4  |
| 70      | 10.8  | 9.0   | 13.6  |

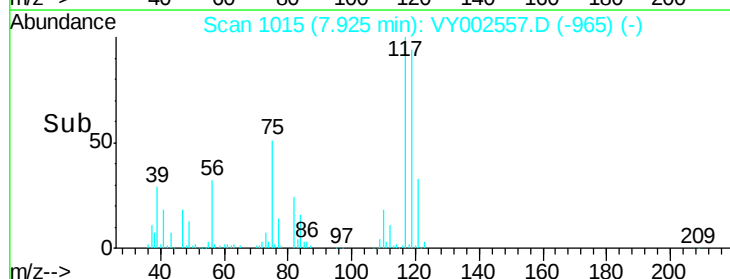
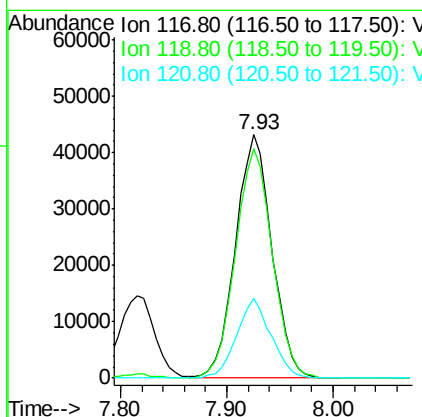
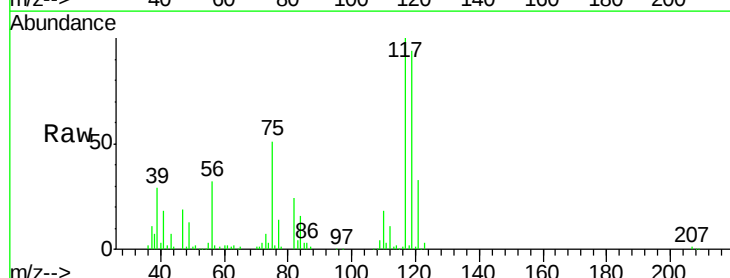
Manual Integrations  
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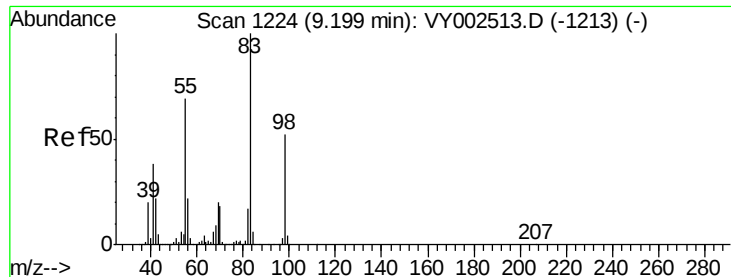
MMDadoda  
5/5/2020 11:29:20 AM



#38  
Carbon Tetrachloride  
Concen: 19.032 ug/l  
RT: 7.93 min Scan# 1015  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.2  | 77.1  | 115.7 |
| 121     | 32.6  | 25.2  | 37.8  |





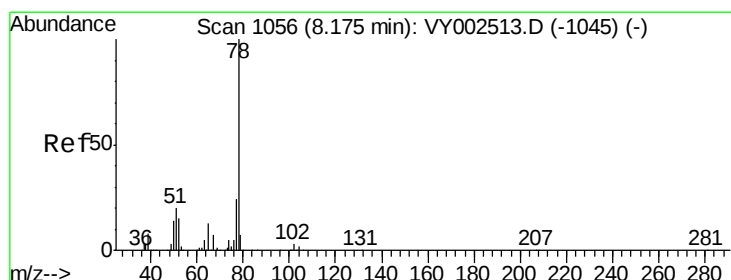
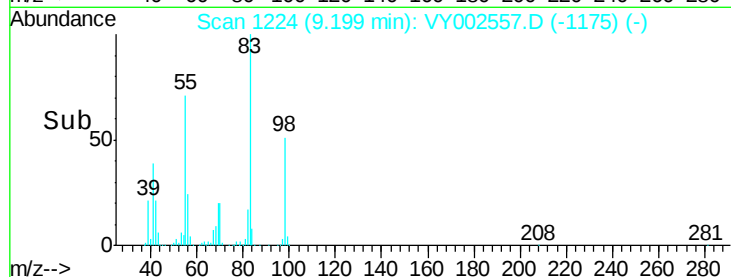
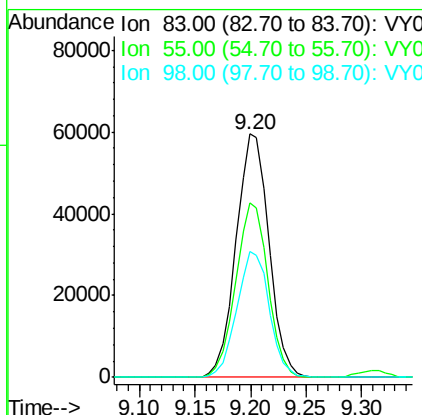
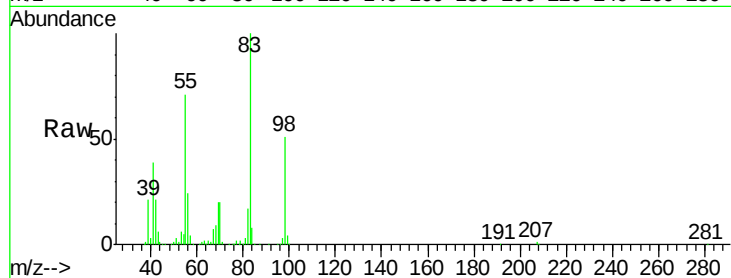
#39  
Methvlcvclohexane  
Concen: 18.538 ug/l  
RT: 9.20 min Scan# 1224  
Delta R.T. -0.00 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 71.5  | 55.4  | 83.0  |
| 98      | 51.5  | 41.3  | 61.9  |

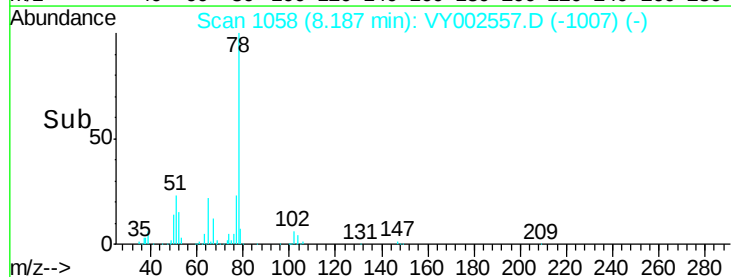
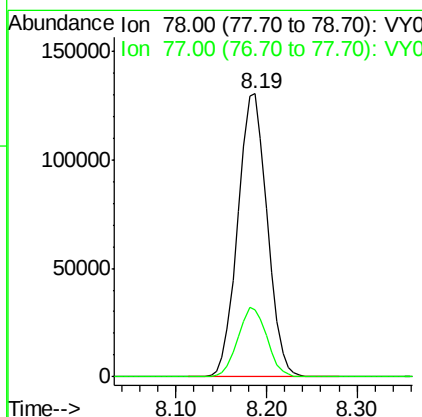
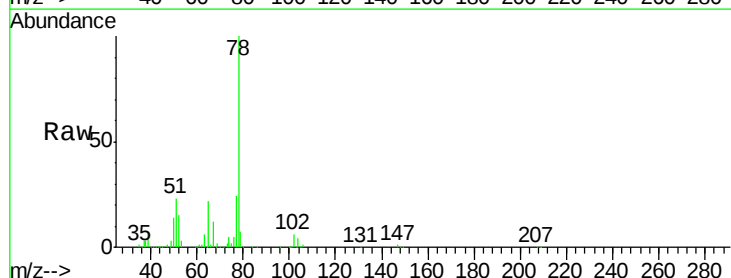
Manual Integrations  
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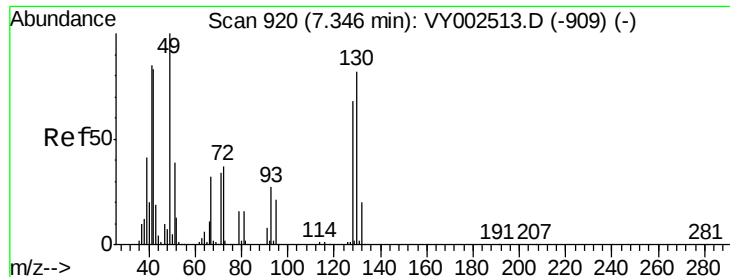
MMDadoda  
5/5/2020 11:29:20 AM



#40  
Benzene  
Concen: 20.394 ug/l  
RT: 8.19 min Scan# 1058  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.6  | 19.2  | 28.8  |





#41

Methacrylonitrile

Concen: 25.671 ug/l m

RT: 7.35 min Scan# 921

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

VY0504SBS02

Tot Ion: 41 Resp: 35331

Ion Ratio Lower Upper

41 100

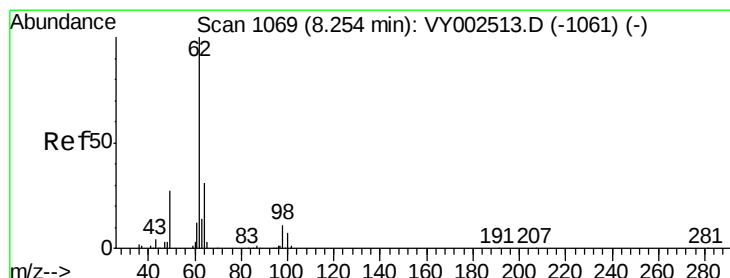
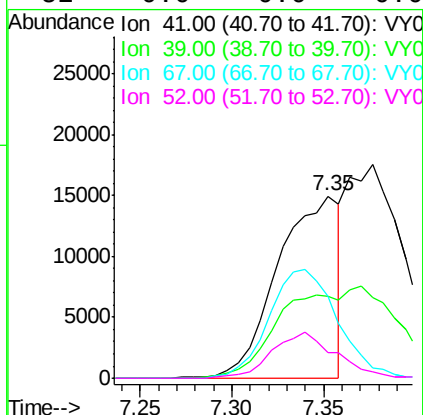
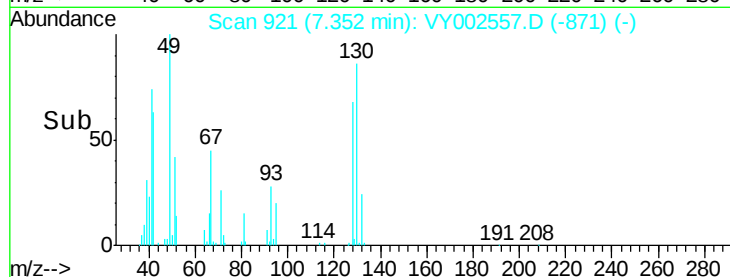
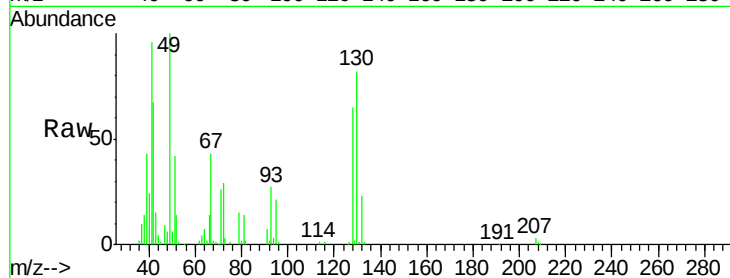
39 0.0 83.1 124.7#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

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#42

1,2-Dichloroethane

Concen: 20.312 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VY002557.D

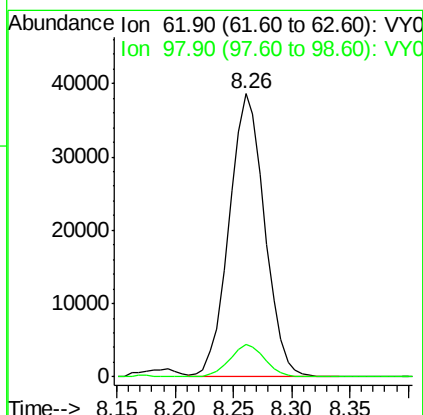
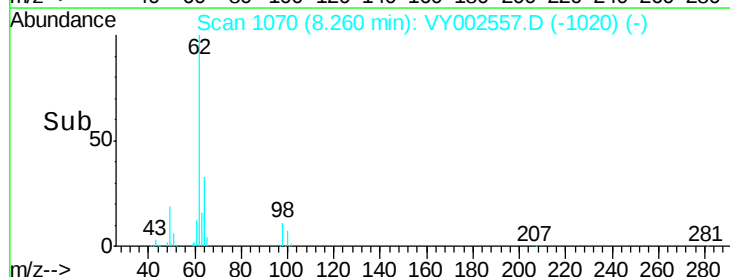
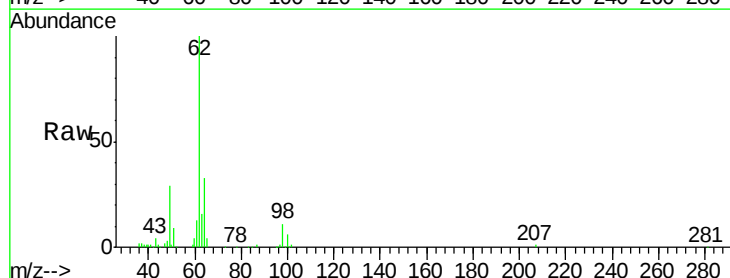
Acq: 04 May 2020 22:38

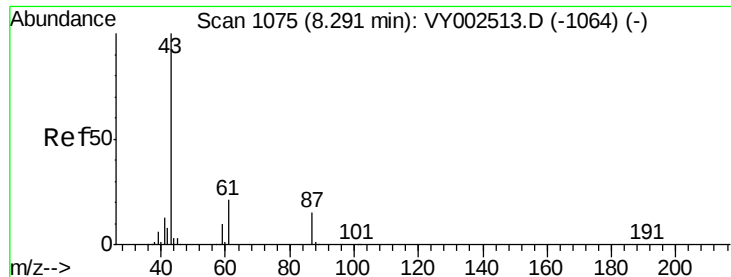
Tgt Ion: 62 Resp: 81973

Ion Ratio Lower Upper

62 100

98 11.3 0.0 21.0





#43

Isopropyl Acetate

Concen: 21.534 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

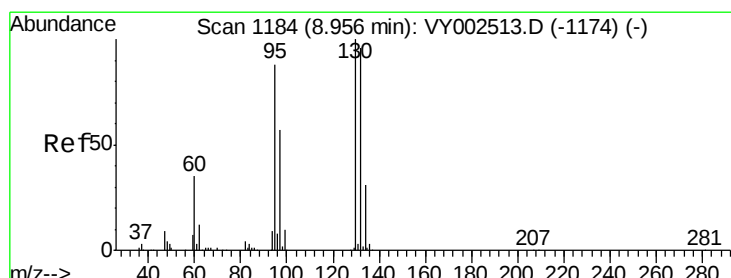
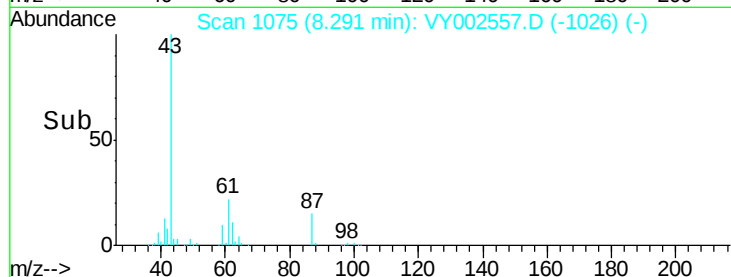
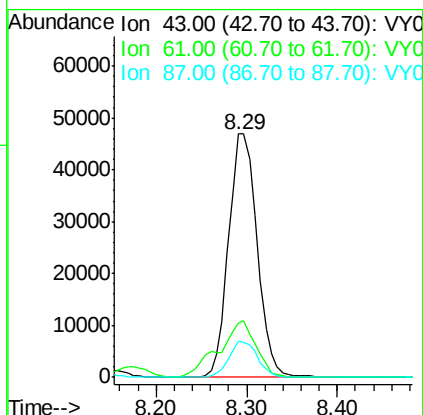
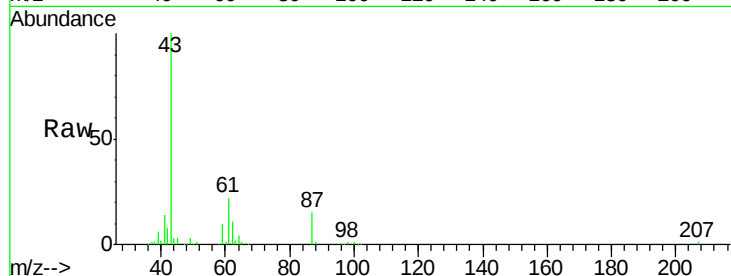
ClientSampleId :

VY0504SBS02

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 103339 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 30.1  | 24.8  | 37.2   |
| 87       | 14.7  | 12.2  | 18.2   |

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#44

Trichloroethene

Concen: 20.621 ug/l

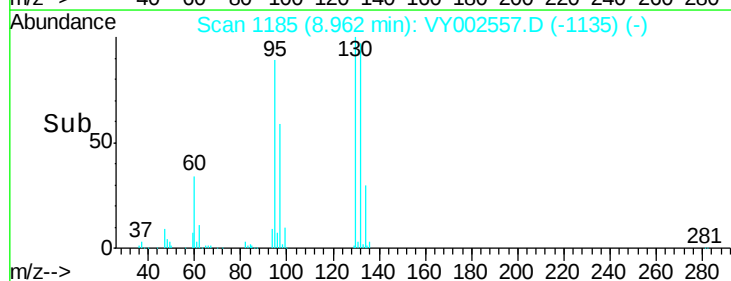
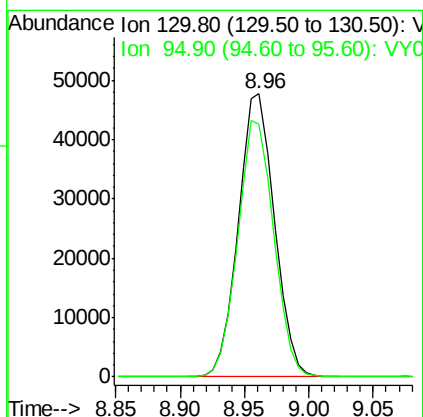
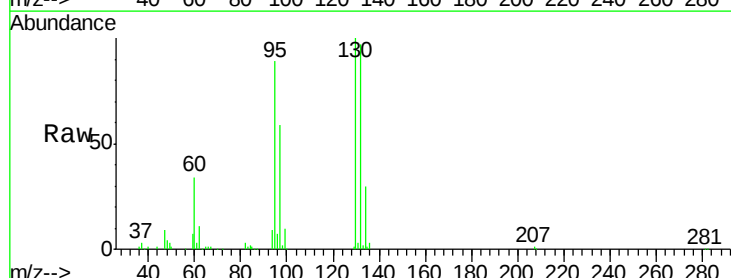
RT: 8.96 min Scan# 1185

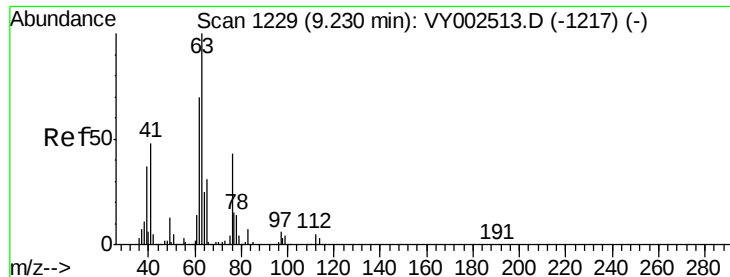
Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 92717 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 89.1  | 0.0   | 175.8 |





#45

1,2-Dichloropropane

Concen: 21.227 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

VY0504SBS02

Tot Ion: 63 Resp: 73705

Ion Ratio Lower Upper

63 100

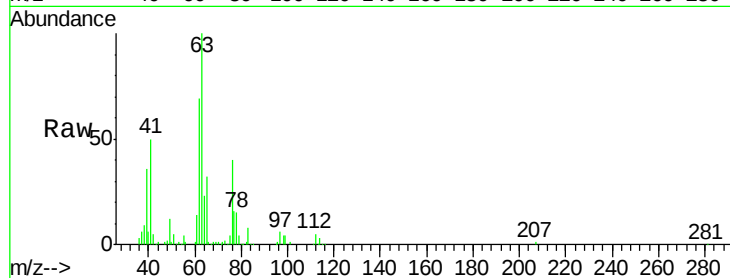
65 31.8 24.5 36.7

Manual Integrations

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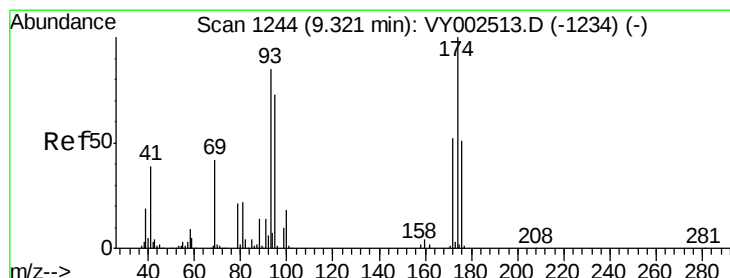
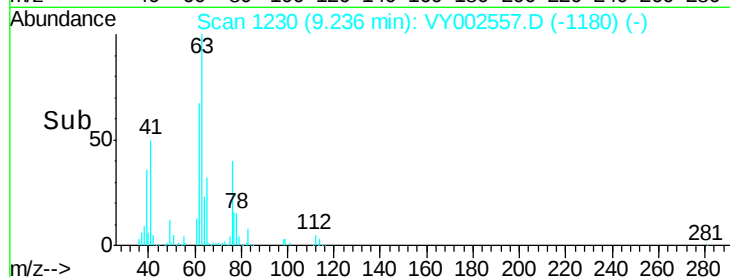
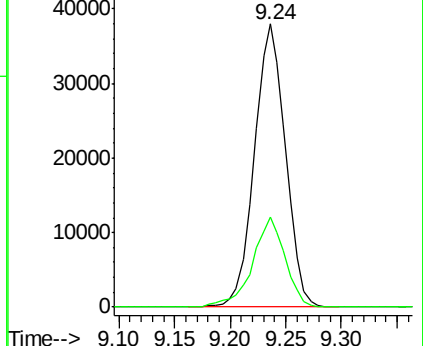
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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 20.838 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

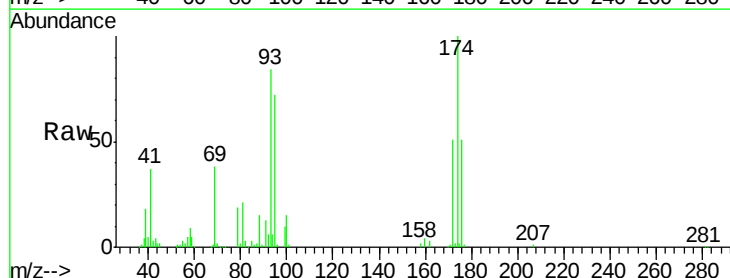
Tgt Ion: 93 Resp: 41631

Ion Ratio Lower Upper

93 100

95 82.9 67.0 100.4

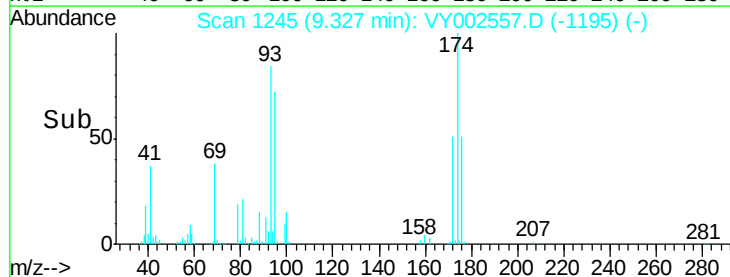
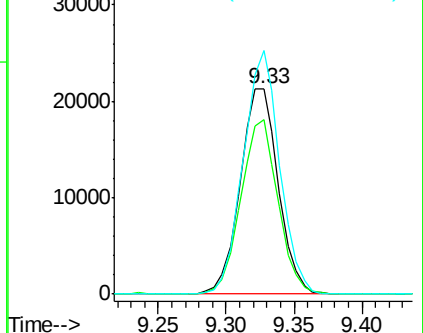
174 113.7 92.7 139.1

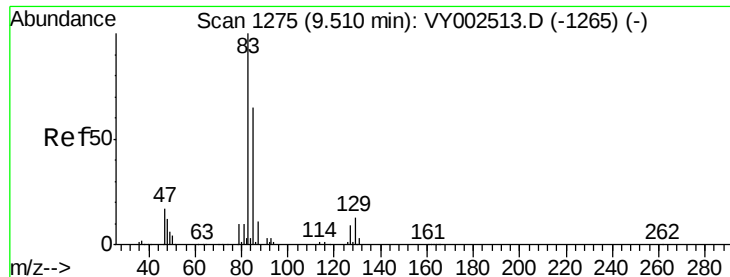


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 20.778 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

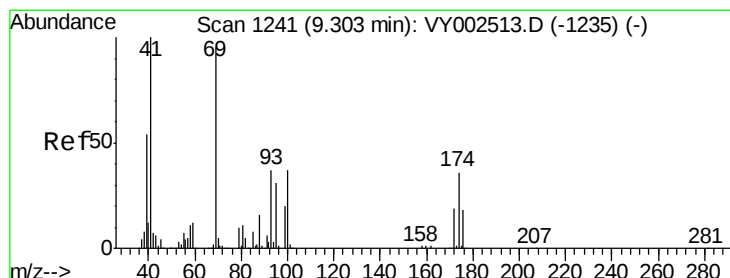
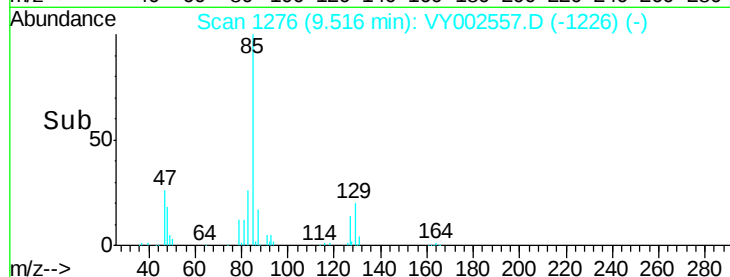
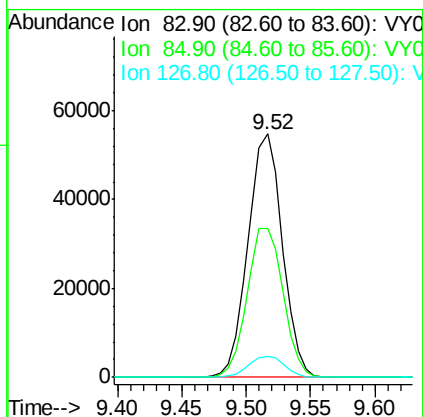
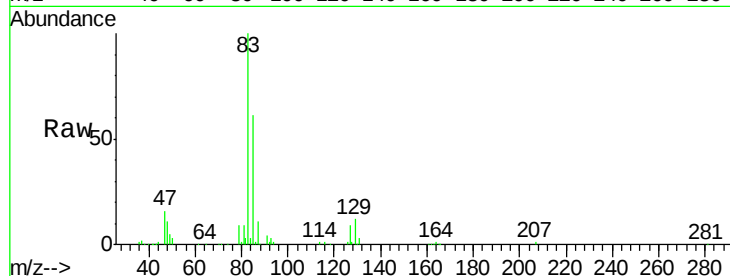
ClientSampleId :

VY0504SBS02

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 100934 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 61.2  | 51.8  | 77.8   |
| 127      | 8.6   | 7.4   | 11.0   |

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#48

Methyl methacrylate

Concen: 20.943 ug/l

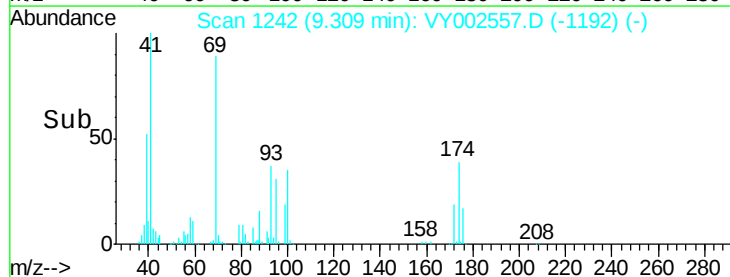
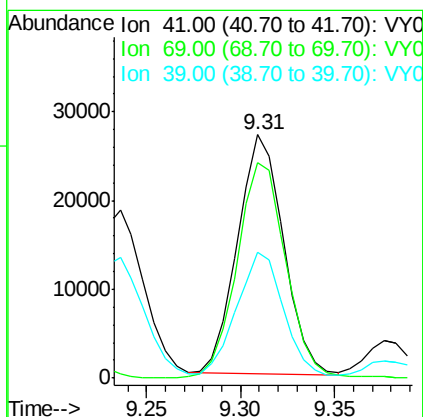
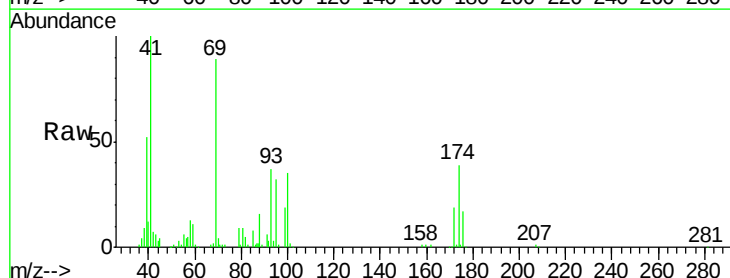
RT: 9.31 min Scan# 1242

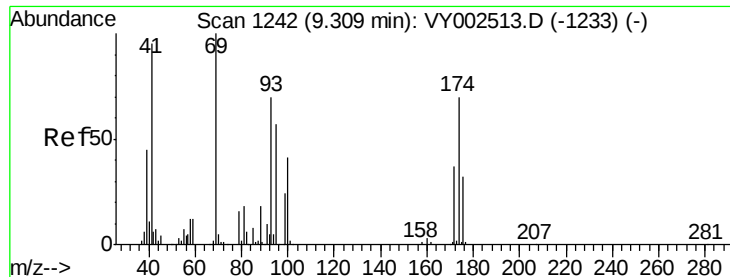
Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 45484 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 96.2  | 76.2  | 114.4 |
| 39       | 51.7  | 42.7  | 64.1  |





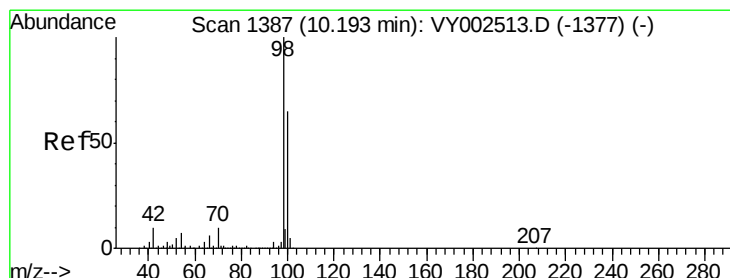
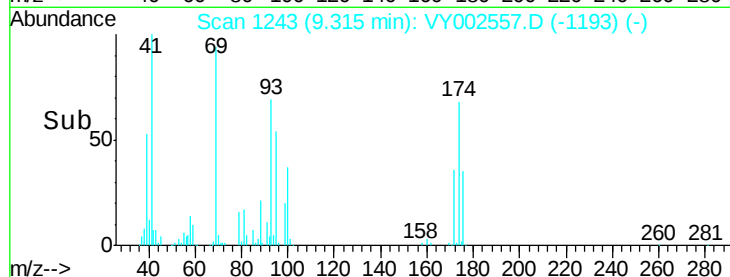
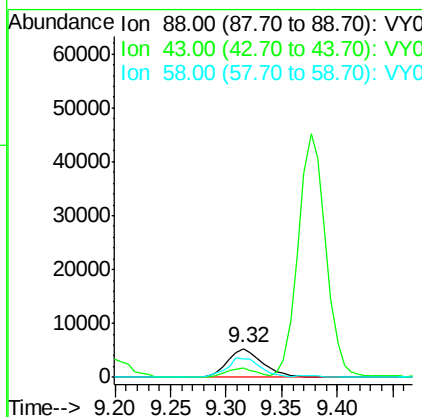
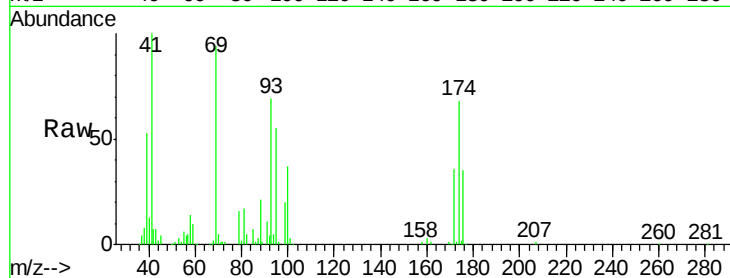
#49  
1,4-Dioxane  
Concen: 440.727 ug/l  
RT: 9.32 min Scan# 1243  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 28.3  | 22.8  | 34.2  |
| 58      | 65.1  | 51.4  | 77.2  |

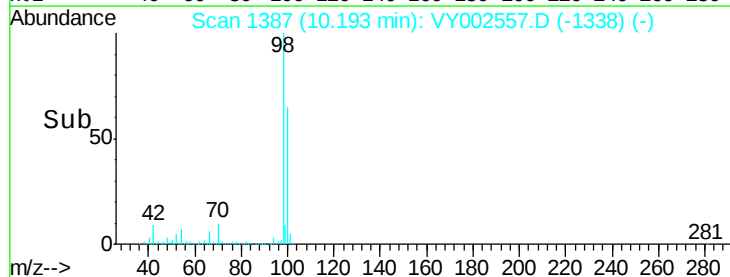
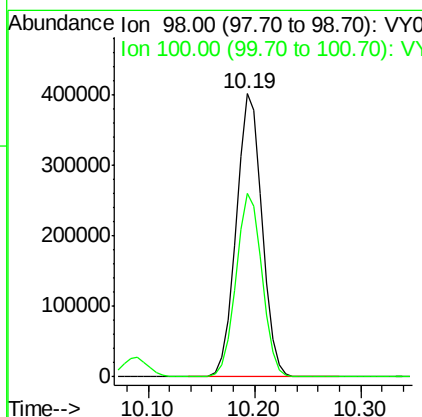
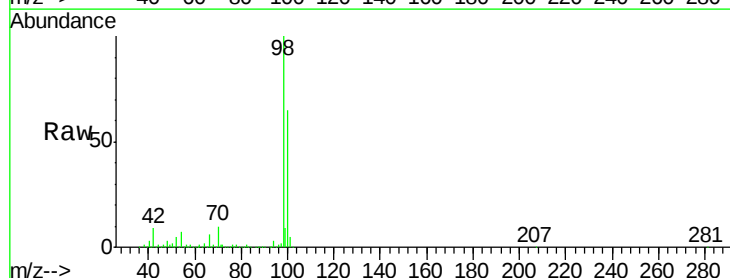
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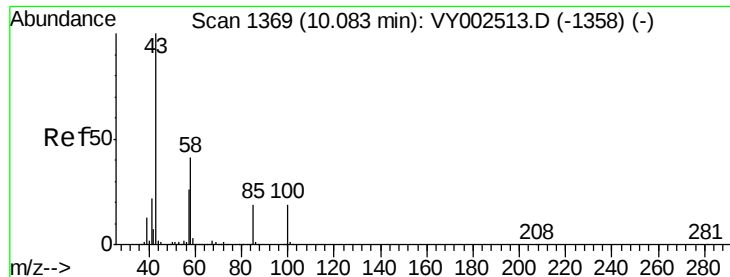
MMDadoda  
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#50  
Toluene-d8  
Concen: 51.354 ug/l  
RT: 10.19 min Scan# 1387  
Delta R.T. -0.00 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.4  | 52.2  | 78.2  |





#51

4-Methyl-2-Pentanone

Concen: 108.335 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

VY0504SBS02

Tot Ion: 43 Resp: 267970

Ion Ratio Lower Upper

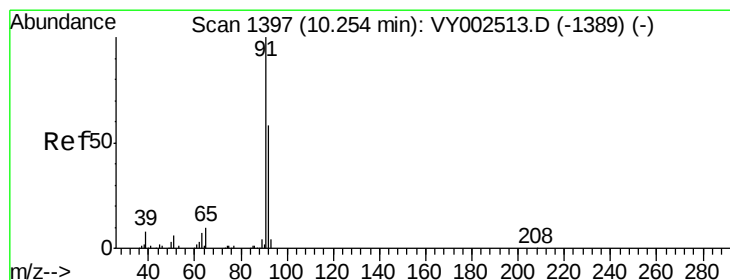
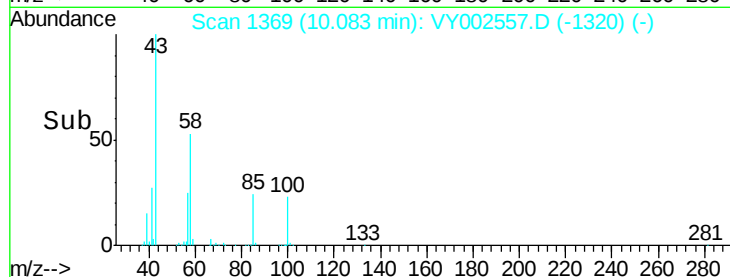
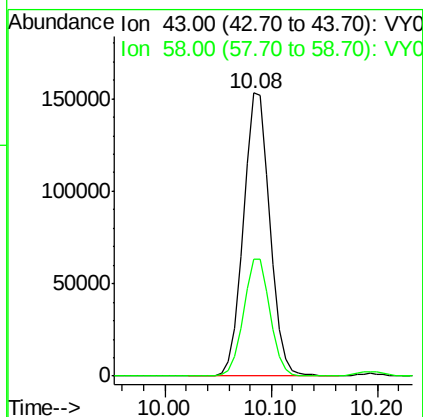
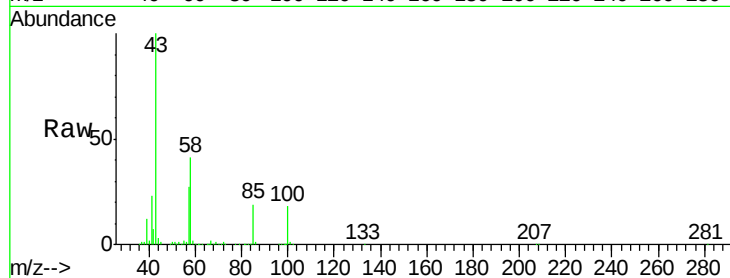
43 100

58 41.4 33.2 49.8

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#52

Toluene

Concen: 20.398 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY002557.D

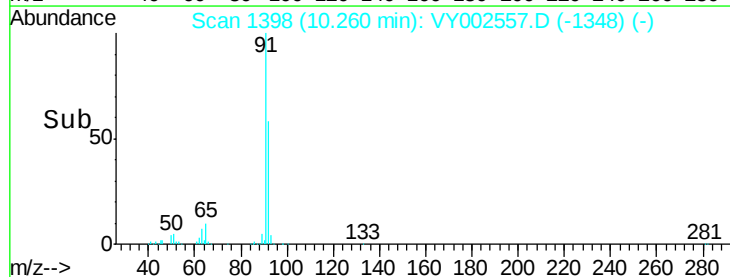
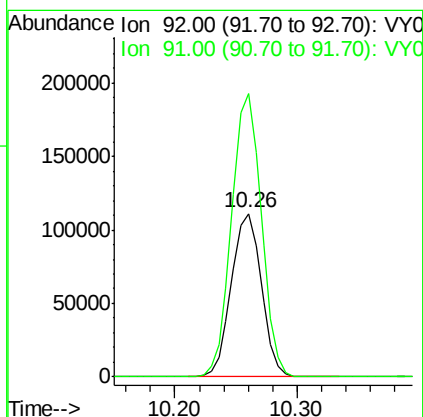
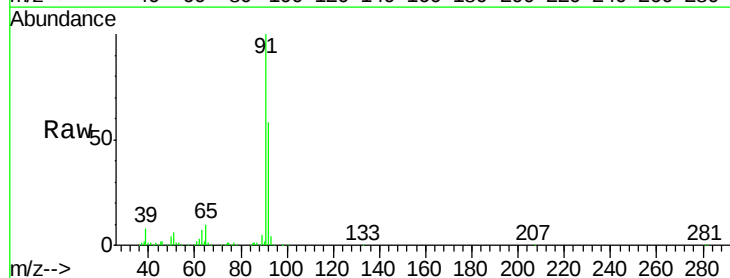
Acq: 04 May 2020 22:38

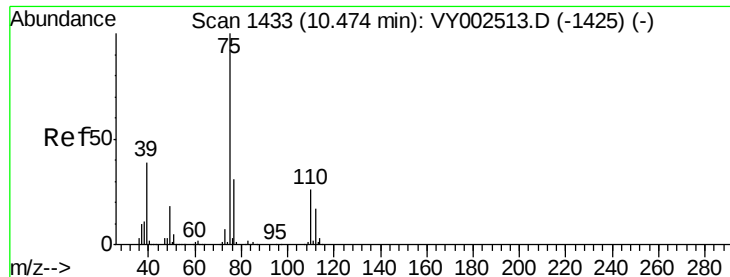
Tgt Ion: 92 Resp: 188607

Ion Ratio Lower Upper

92 100

91 172.1 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 20.339 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

VY0504SBS02

Tot Ion: 75 Resp: 103520

Ion Ratio Lower Upper

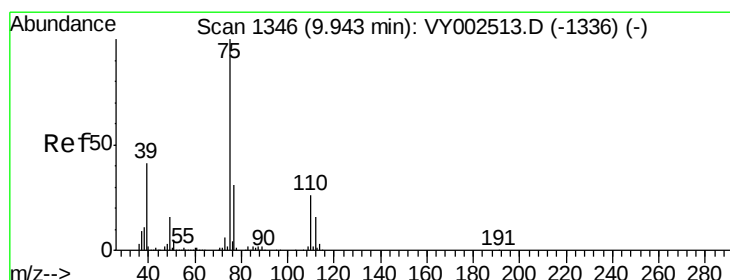
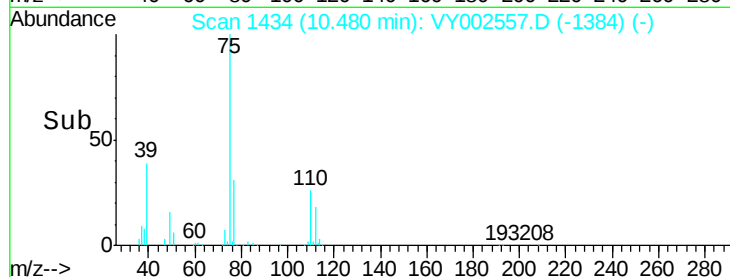
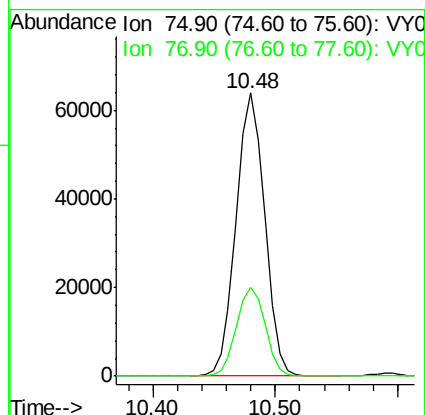
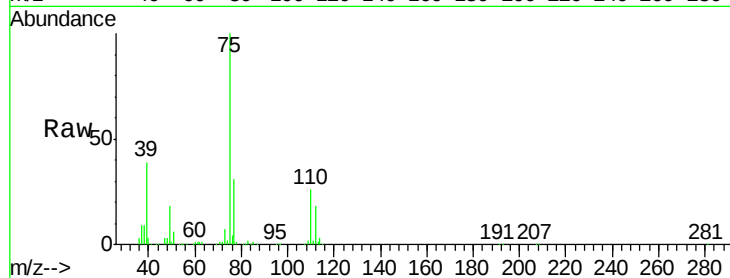
75 100

77 31.3 25.0 37.6

Manual Integrations  
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MMDadoda

5/5/2020 11:29:20 AM



#54

cis-1,3-Dichloropropene

Concen: 20.284 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

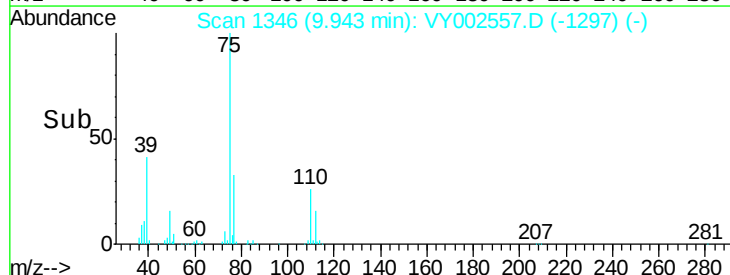
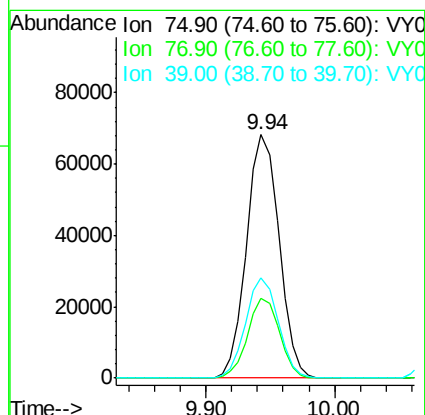
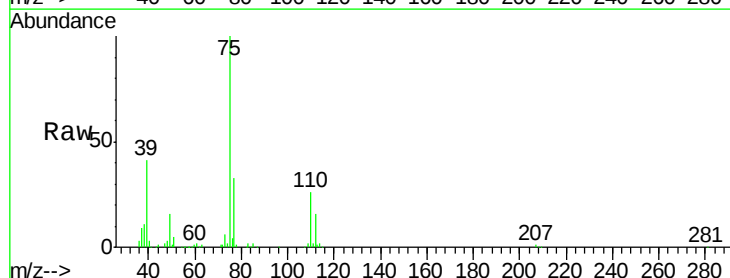
Tgt Ion: 75 Resp: 119348

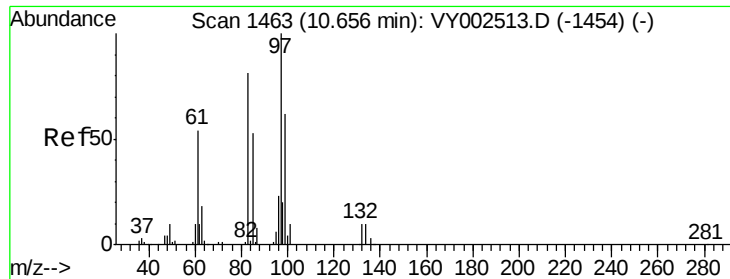
Ion Ratio Lower Upper

75 100

77 32.8 25.1 37.7

39 41.2 32.7 49.1





#55

1,1,2-Trichloroethane

Concen: 21.080 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

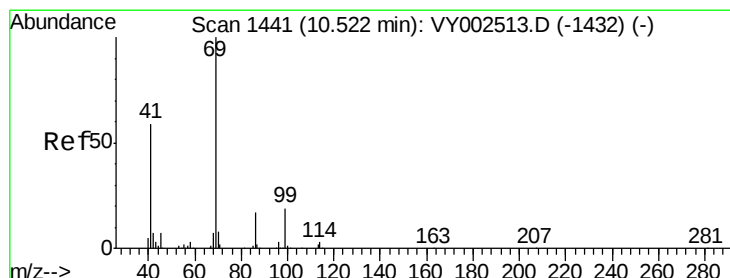
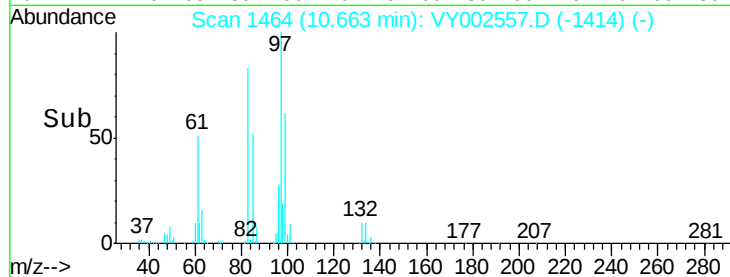
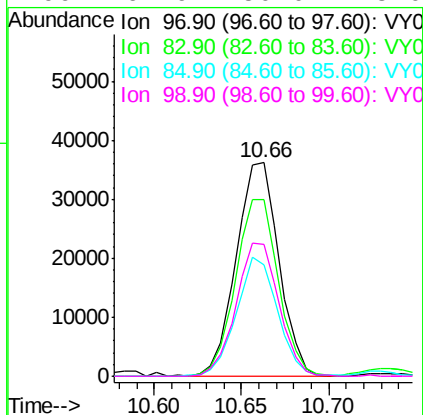
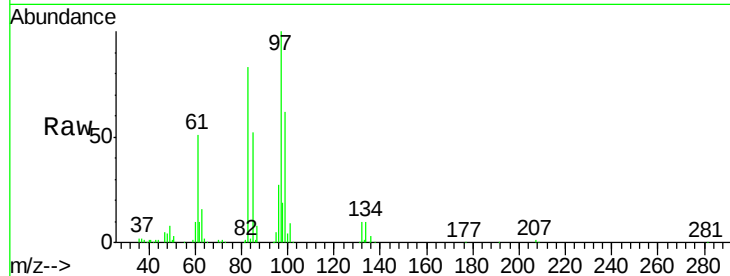
ClientSampleId :

VY0504SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 61414 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.6  | 65.1  | 97.7  |
| 85       | 52.1  | 42.7  | 64.1  |
| 99       | 61.9  | 50.0  | 75.0  |

Manual Integrations  
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#56

Ethyl methacrylate

Concen: 21.321 ug/l

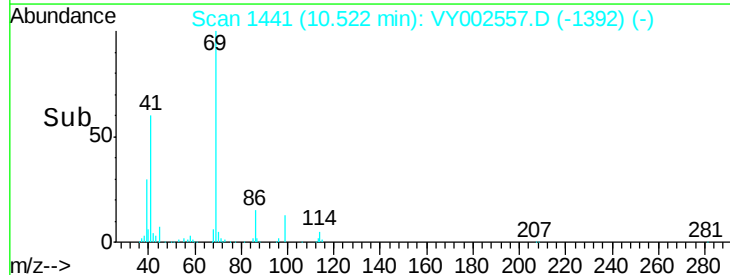
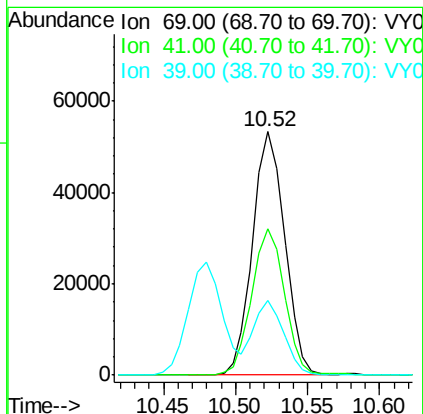
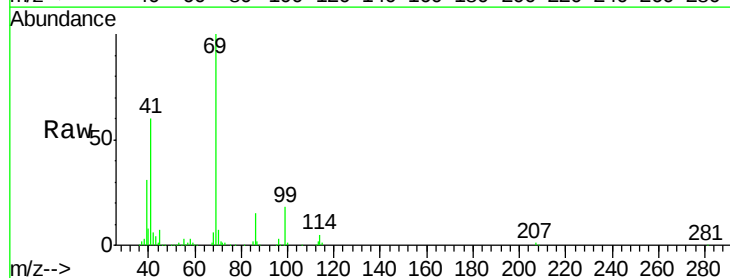
RT: 10.52 min Scan# 1441

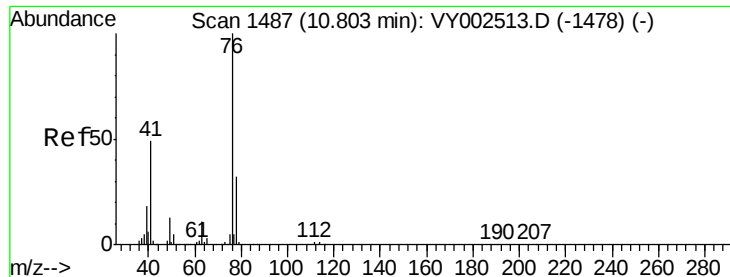
Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 82635 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 60.8  | 48.6  | 73.0  |
| 39       | 28.7  | 25.0  | 37.4  |





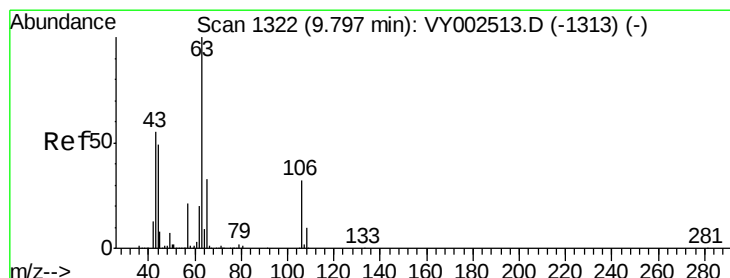
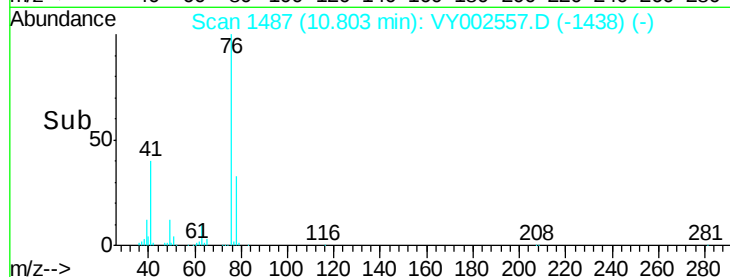
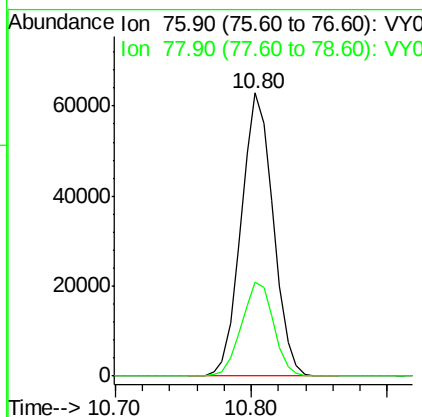
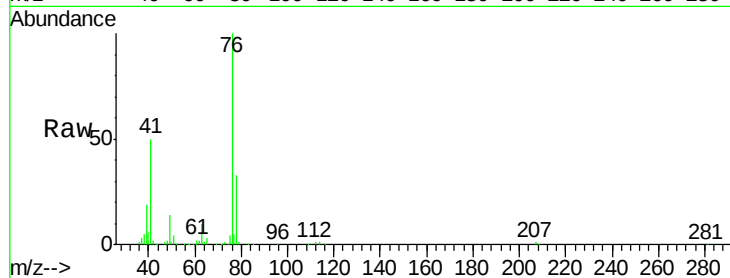
#57  
 1,3-Dichloropropane  
 Concen: 20.925 ug/l  
 RT: 10.80 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0504SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 33.2  | 25.4  | 38.2  |

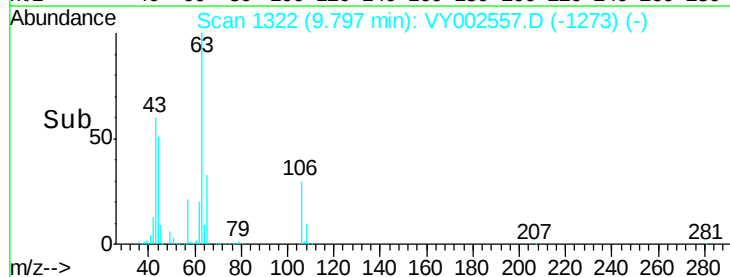
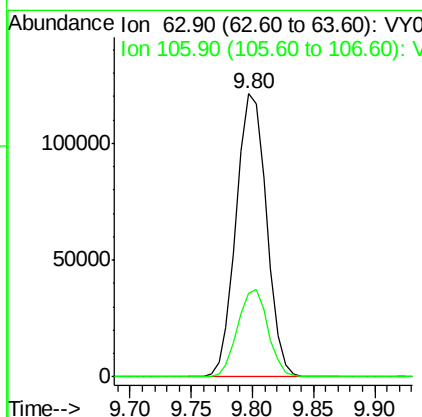
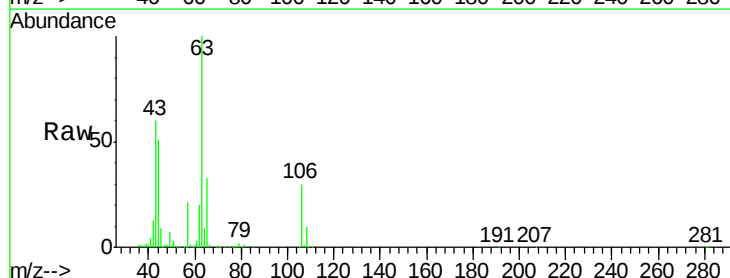
Manual Integrations  
 APPROVED

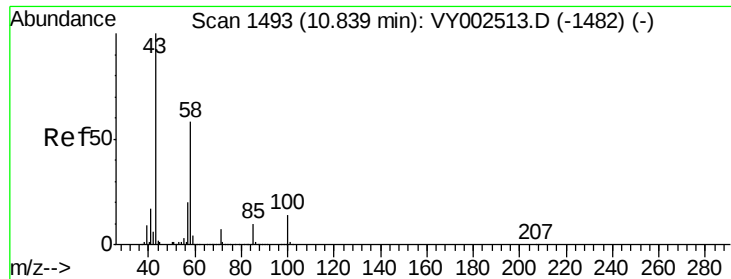
MMDadoda  
 5/5/2020 11:29:20 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 102.538 ug/l  
 RT: 9.80 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 30.7  | 25.2  | 37.8  |





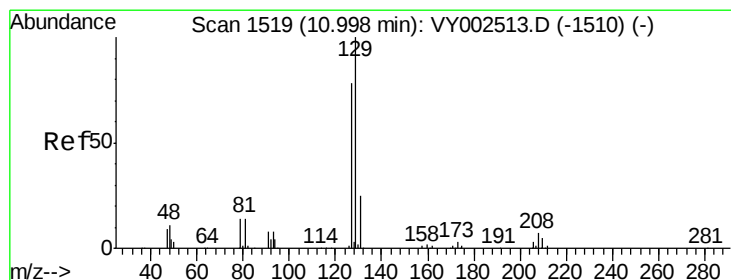
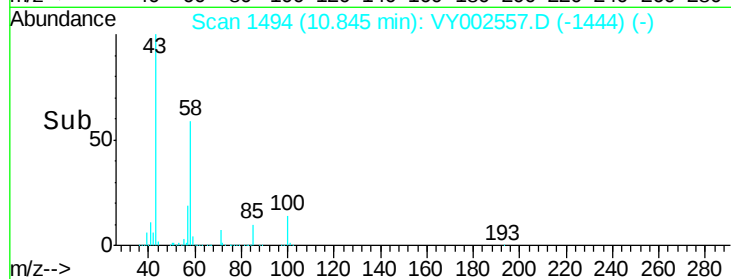
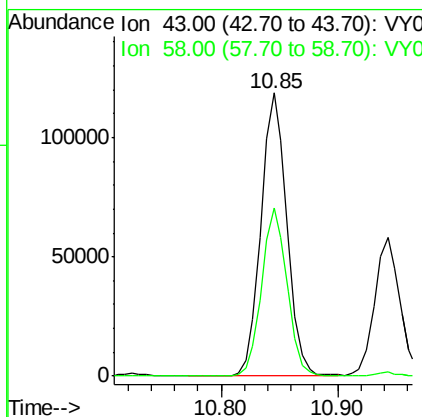
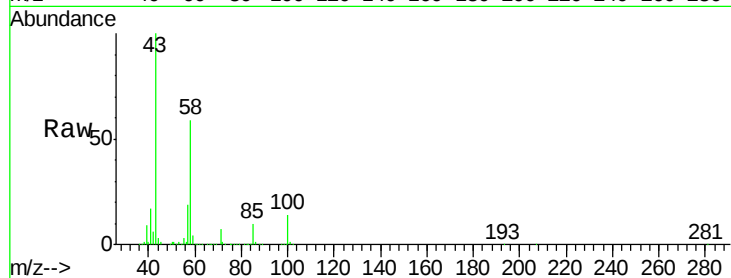
#59  
2-Hexanone  
Concen: 108.271 ug/l  
RT: 10.85 min Scan# 1494  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

Tot Ion: 43 Resp: 184326  
Ion Ratio Lower Upper  
43 100  
58 58.3 29.1 87.3

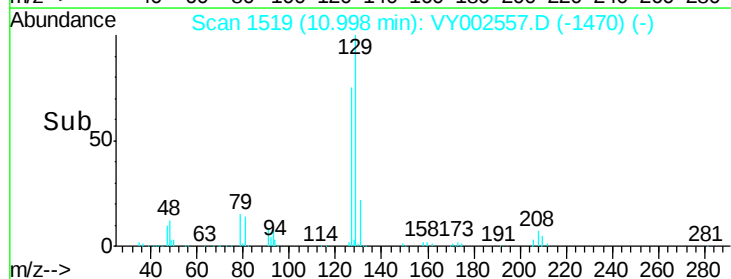
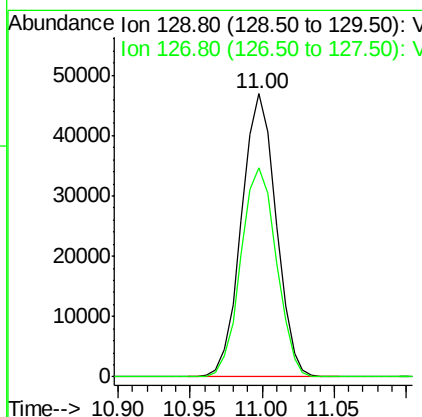
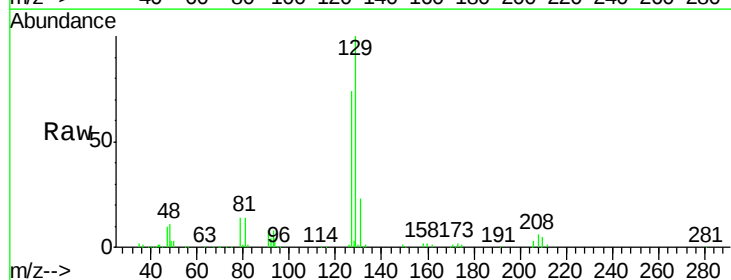
Manual Integrations  
APPROVED

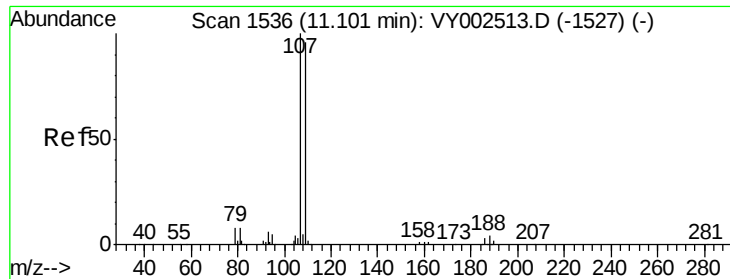
MMDadoda  
5/5/2020 11:29:20 AM



#60  
Dibromochloromethane  
Concen: 21.075 ug/l  
RT: 11.00 min Scan# 1519  
Delta R.T. -0.00 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Tgt Ion: 129 Resp: 78092  
Ion Ratio Lower Upper  
129 100  
127 75.8 39.0 117.0





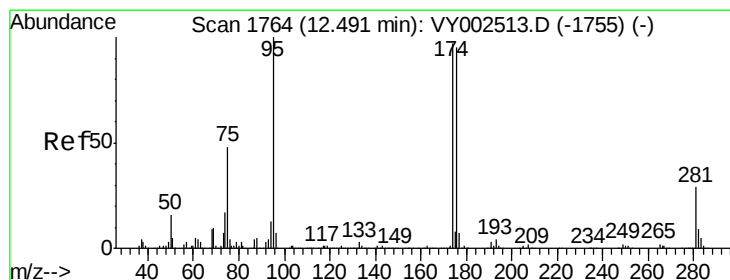
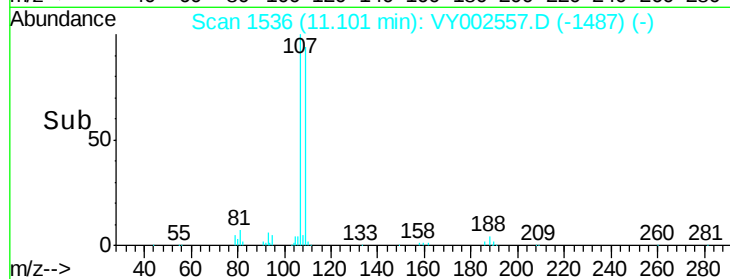
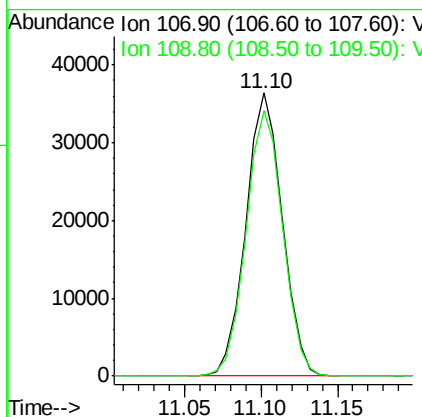
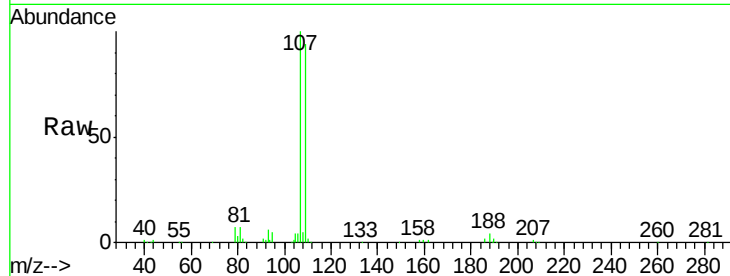
#61  
 1,2-Dibromoethane  
 Concen: 20.890 ug/l  
 RT: 11.10 min Scan# 1536  
 Delta R.T. -0.00 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0504SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.8  | 75.8  | 113.8 |

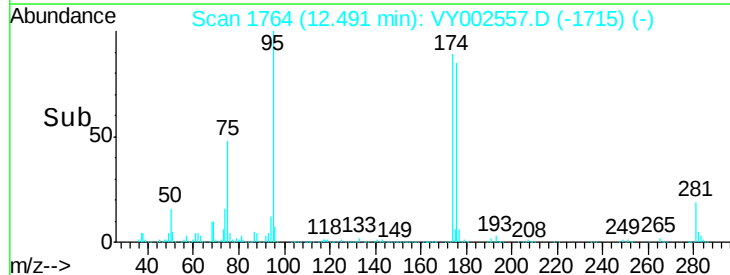
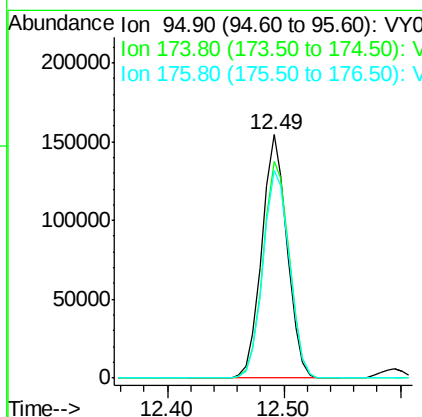
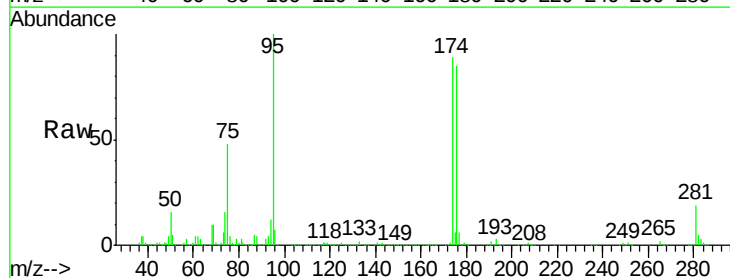
Manual Integrations  
 APPROVED

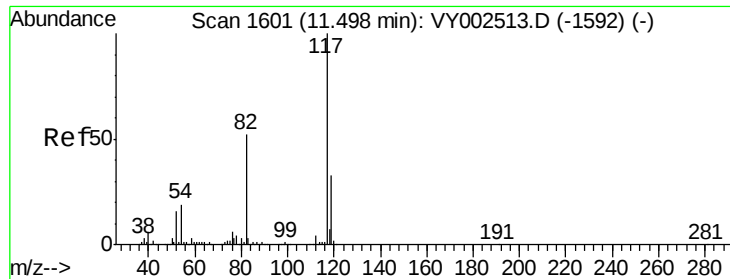
MMDadoda  
 5/5/2020 11:29:20 AM



#62  
 4-Bromofluorobenzene  
 Concen: 51.447 ug/l  
 RT: 12.49 min Scan# 1764  
 Delta R.T. -0.00 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 92.4  | 0.0   | 188.8 |
| 176     | 88.9  | 0.0   | 183.2 |





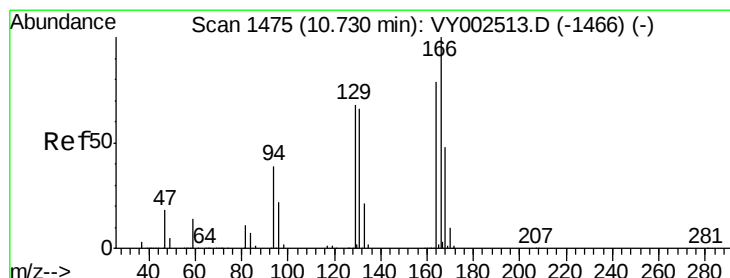
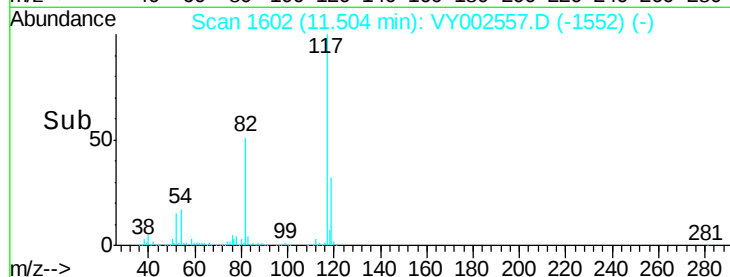
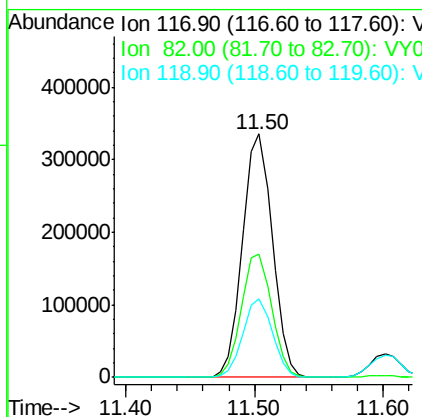
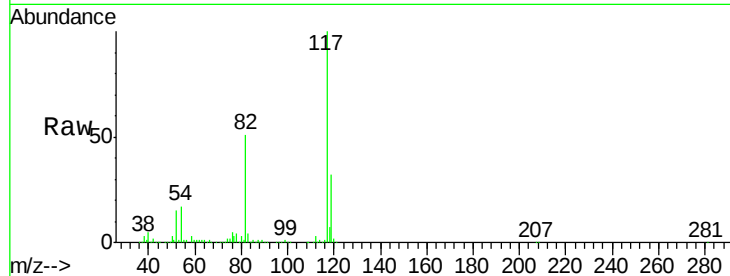
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.50 min Scan# 1602  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 538272 |       |       |
| 82      | 50.6  |        | 41.3  | 61.9  |
| 119     | 32.1  |        | 26.0  | 39.0  |

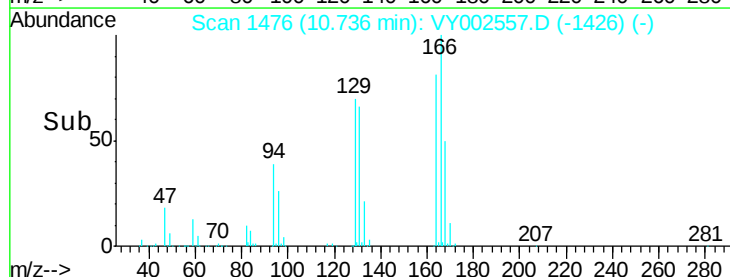
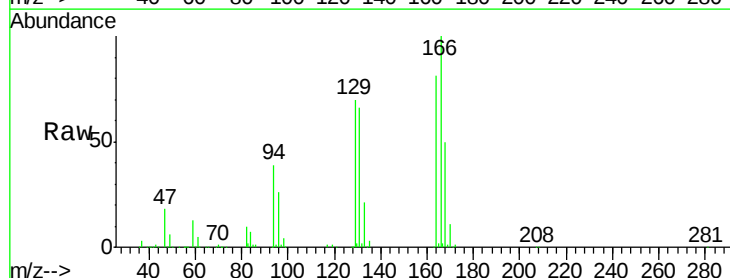
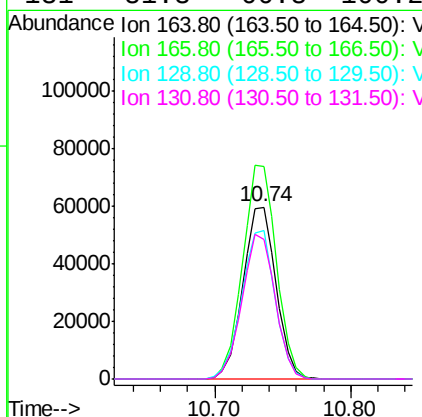
Manual Integrations  
APPROVED

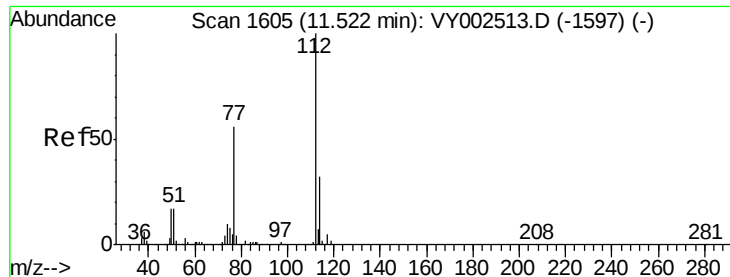
MMDadoda  
5/5/2020 11:29:20 AM



#64  
Tetrachloroethene  
Concen: 21.183 ug/l  
RT: 10.74 min Scan# 1476  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 101308 |       |       |
| 166     | 123.1 |        | 100.7 | 151.1 |
| 129     | 86.2  |        | 68.3  | 102.5 |
| 131     | 81.3  |        | 66.8  | 100.2 |





#65

Chlorobenzene

Concen: 20.602 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleId :

VY0504SBS02

Tot Ion:112 Resp: 210812

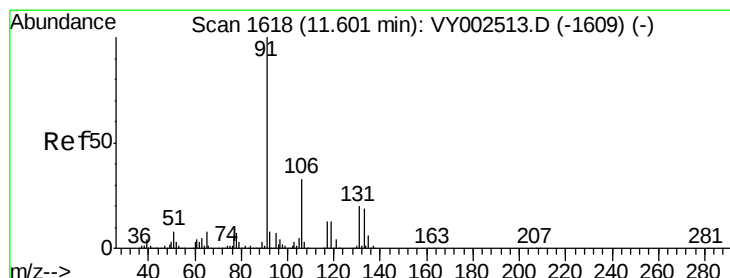
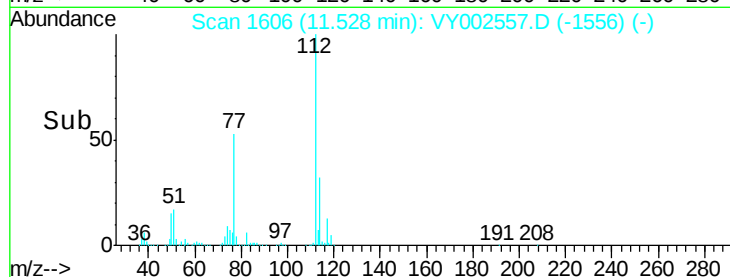
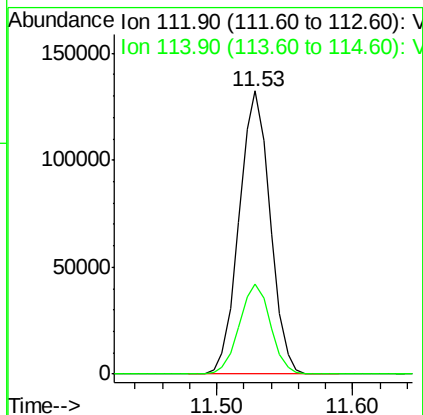
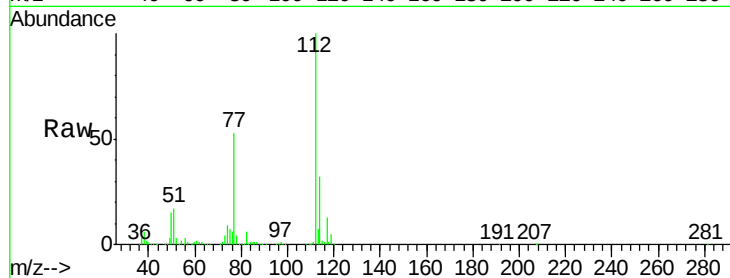
Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6

Manual Integrations  
APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 21.253 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

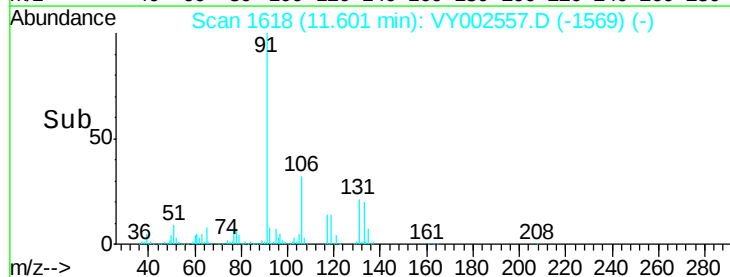
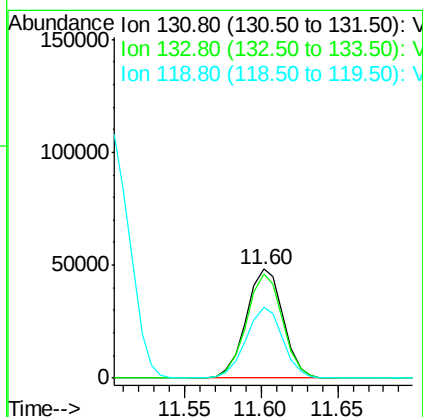
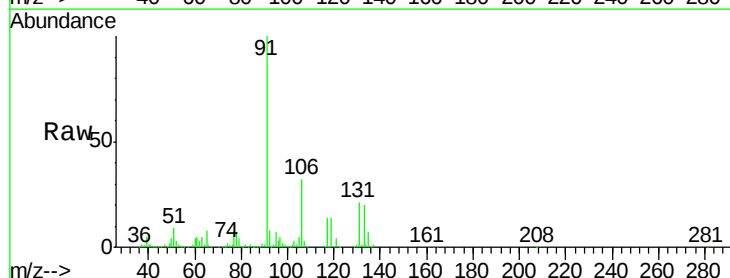
Tgt Ion:131 Resp: 80728

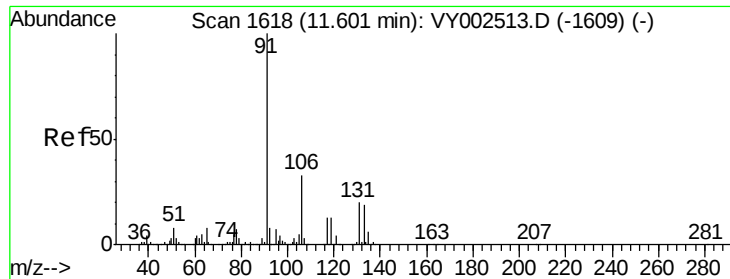
Ion Ratio Lower Upper

131 100

133 94.0 48.1 144.4

119 64.7 31.6 95.0





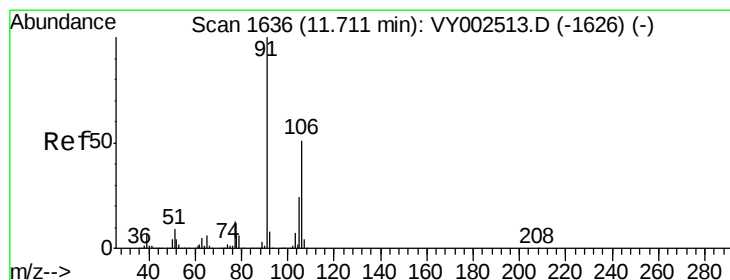
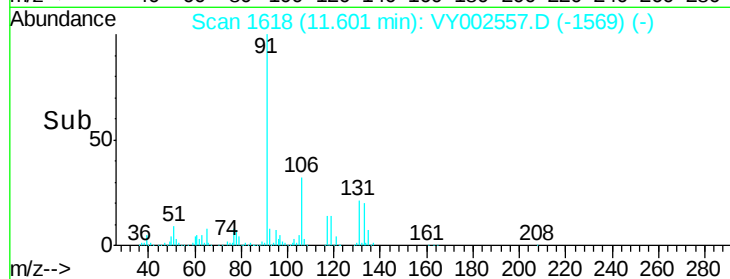
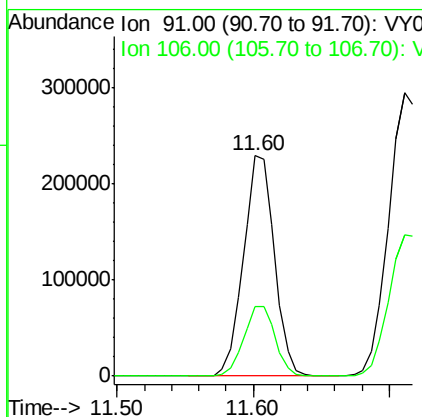
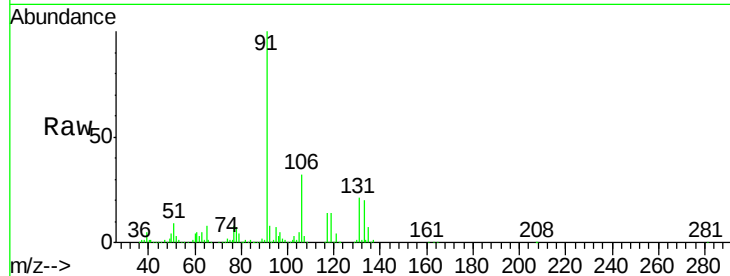
#67  
Ethyl Benzene  
Concen: 20.277 ug/l  
RT: 11.60 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

Tot Ion: 91 Resp: 364458  
Ion Ratio Lower Upper  
91 100  
106 31.8 26.1 39.1

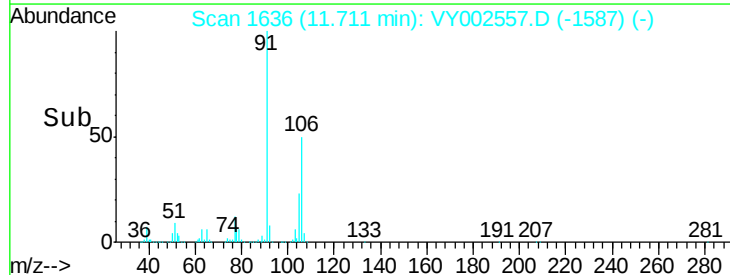
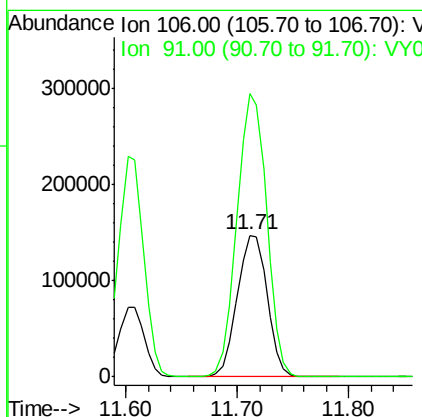
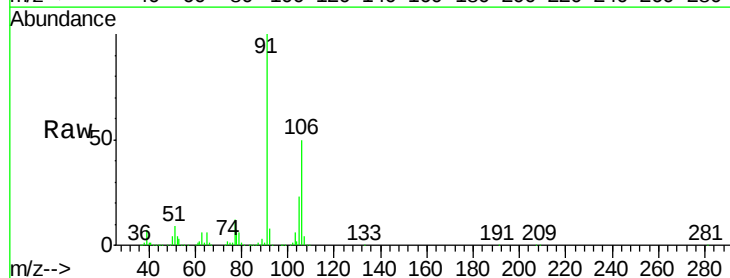
Manual Integrations  
APPROVED

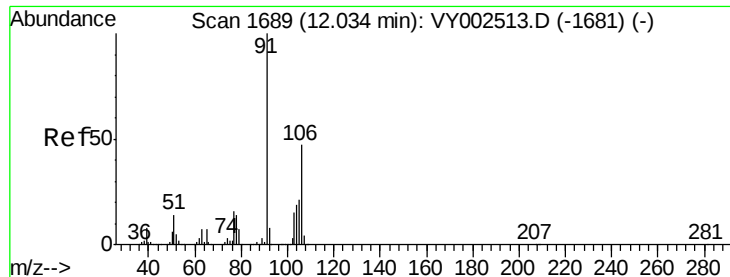
MMDadoda  
5/5/2020 11:29:20 AM



#68  
m/p-Xylenes  
Concen: 39.685 ug/l  
RT: 11.71 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Tgt Ion: 106 Resp: 275992  
Ion Ratio Lower Upper  
106 100  
91 197.5 155.2 232.8





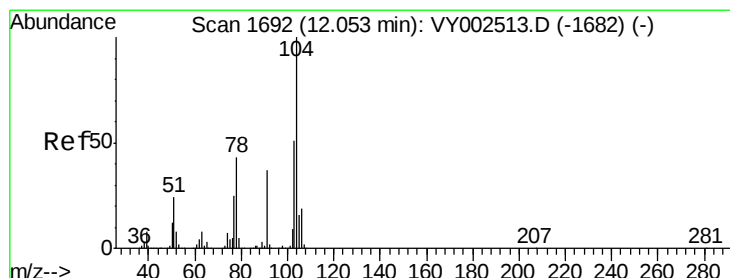
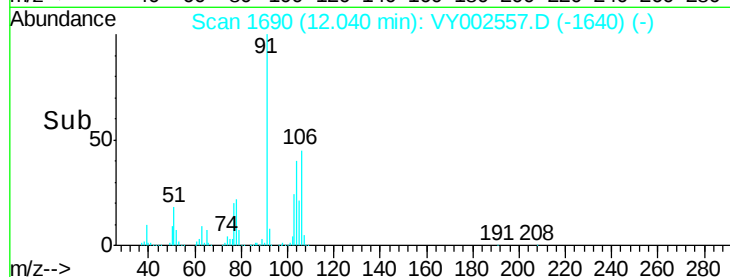
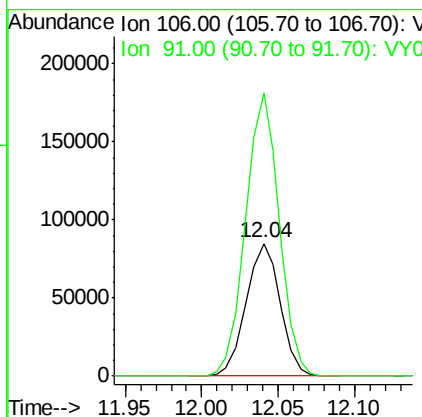
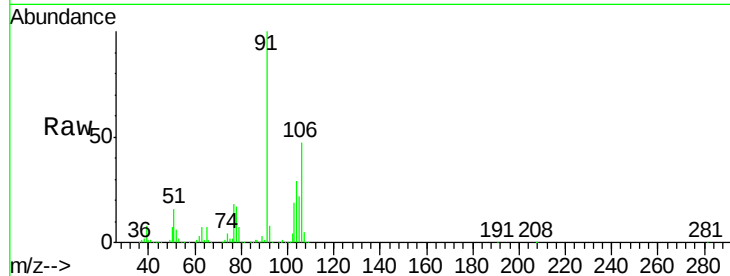
#69  
o-Xylene  
Concen: 20.194 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 106     | 106 | 100   | 131496 |       |       |
| 91      | 91  | 209.9 | 103.8  | 311.3 |       |

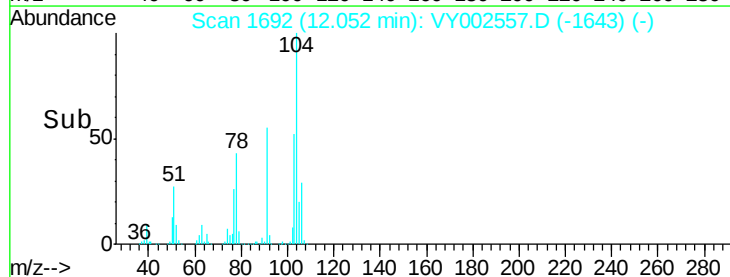
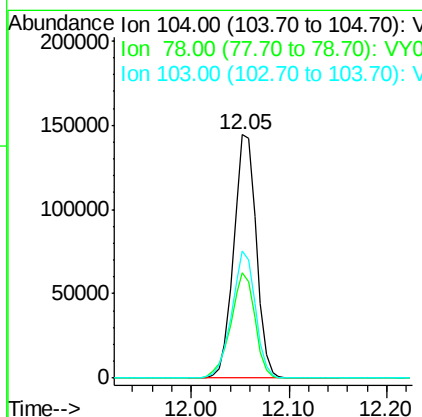
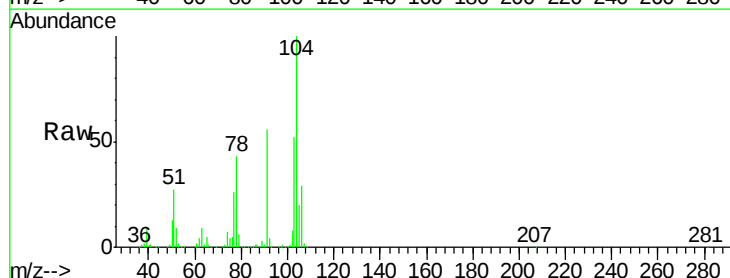
Manual Integrations  
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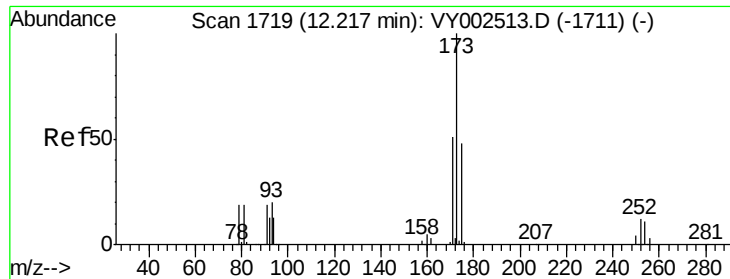
MMDadoda  
5/5/2020 11:29:20 AM



#70  
Styrene  
Concen: 20.745 ug/l  
RT: 12.05 min Scan# 1692  
Delta R.T. -0.00 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 104     | 104 | 100   | 230935 |       |       |
| 78      | 78  | 45.9  | 37.4   | 56.0  |       |
| 103     | 103 | 54.2  | 43.9   | 65.9  |       |





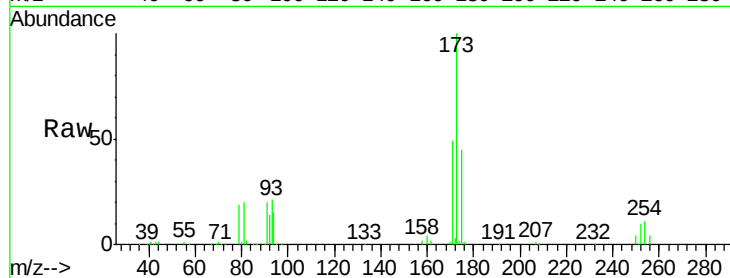
#71  
Bromoform  
Concen: 21.168 ug/l  
RT: 12.22 min Scan# 1719  
Delta R.T. -0.00 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.6  | 24.3  | 72.8  |
| 254     | 0.0   | 0.2   | 0.2   |

Manual Integrations  
APPROVED

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5/5/2020 11:29:20 AM

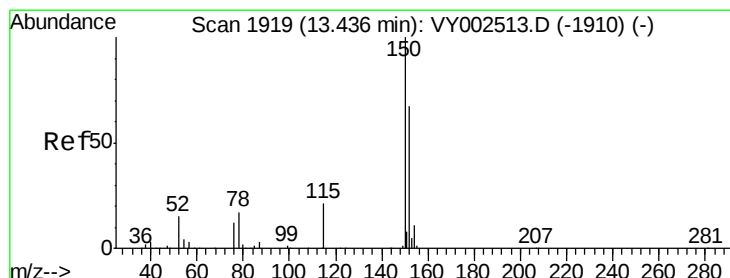
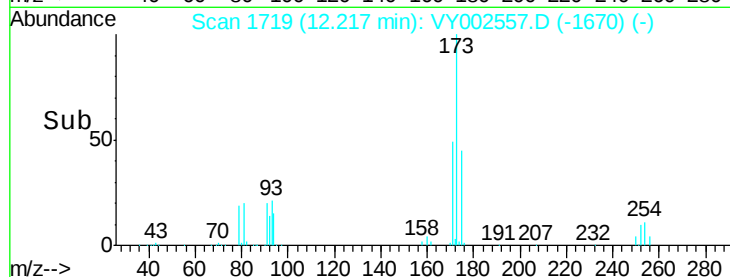
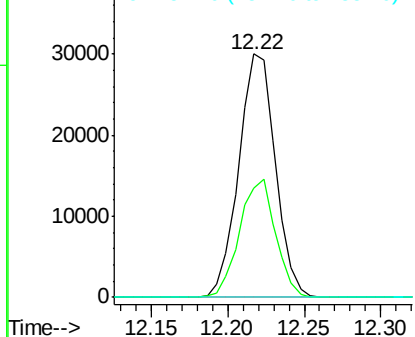


Abundance

Ion 172.70 (172.40 to 173.40): V

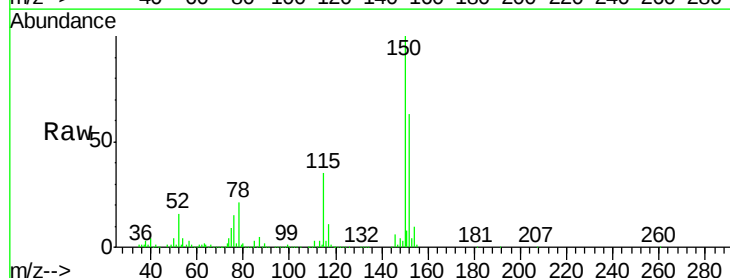
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.44 min Scan# 1919  
Delta R.T. -0.00 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 54.3  | 27.5  | 82.4  |
| 150     | 163.1 | 0.0   | 346.4 |

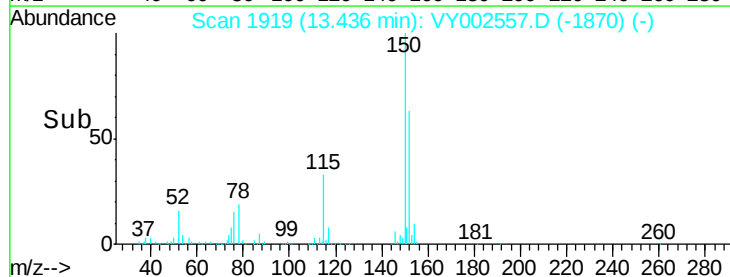
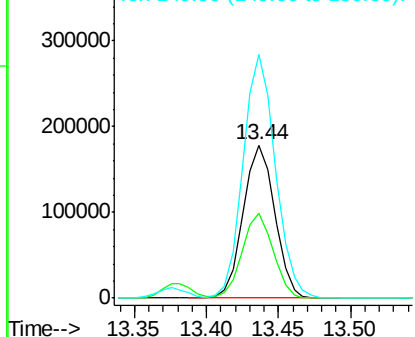


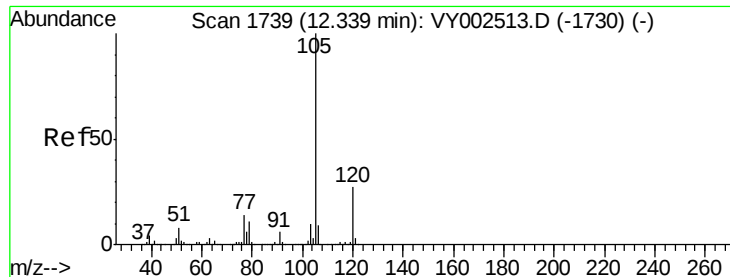
Abundance

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: 20.612 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampled :

VY0504SBS02

Tot Ion: 105 Resp: 361128

Ion Ratio Lower Upper

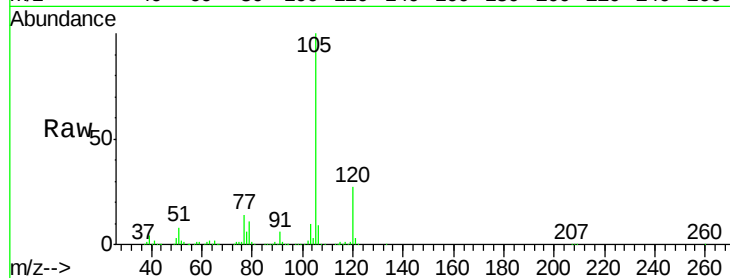
105 100

120 27.6 13.8 41.3

Manual Integrations  
APPROVED

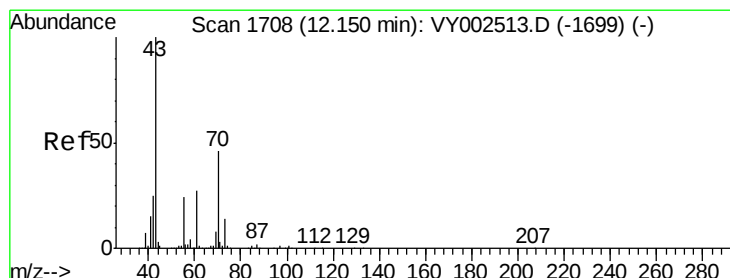
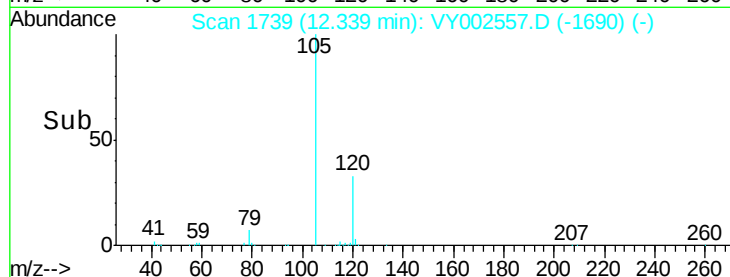
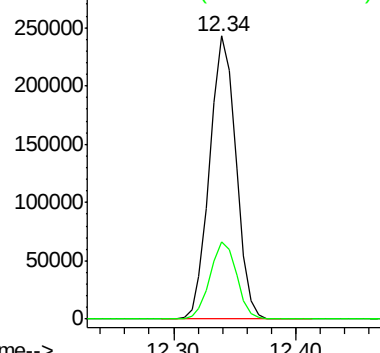
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.122 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Tgt Ion: 43 Resp: 93233

Ion Ratio Lower Upper

43 100

70 46.6 36.7 55.1

55 25.1 19.2 28.8

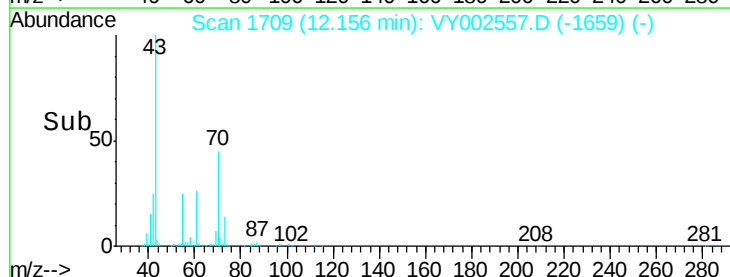
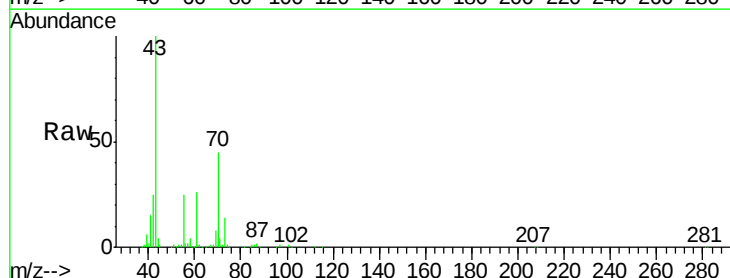
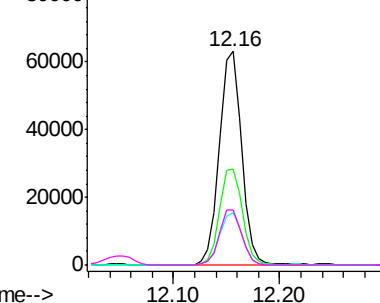
61 26.2 21.1 31.7

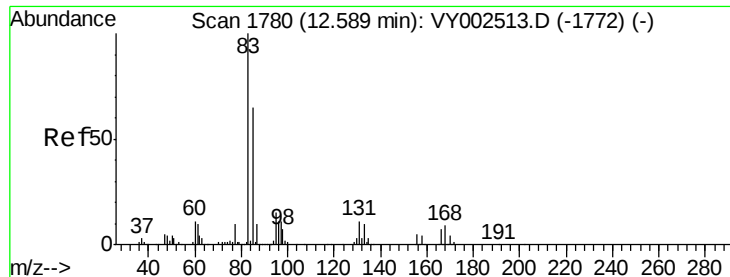
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.310 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

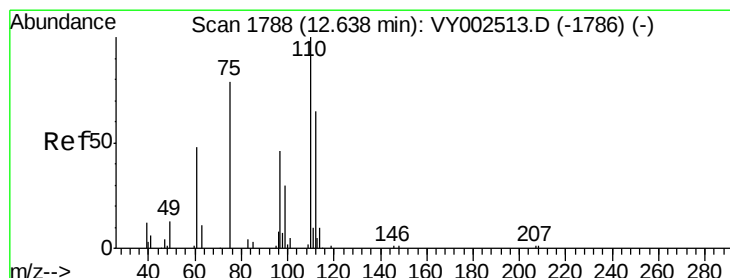
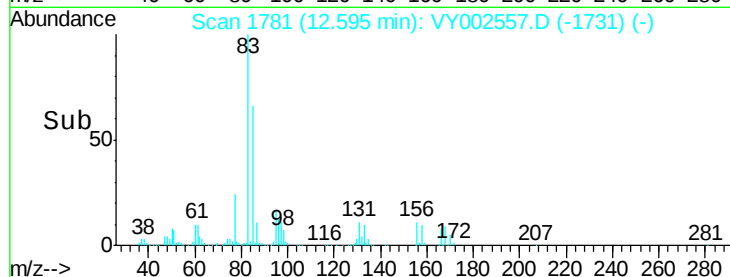
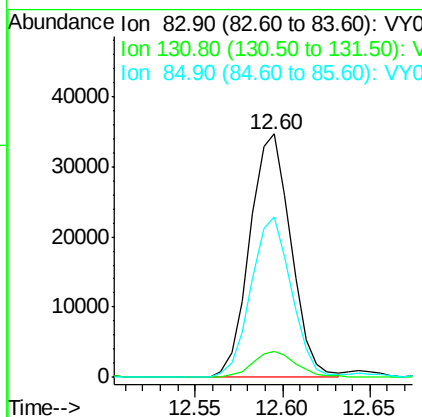
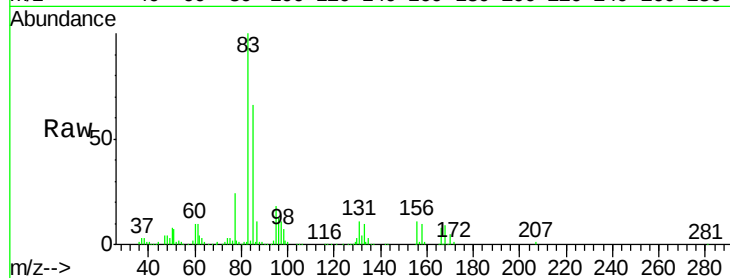
ClientSampleId :

VY0504SBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 56591 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.4  | 5.9   | 17.8  |
| 85        | 64.8  | 31.9  | 95.9  |

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#76

1,2,3-Trichloropropane

Concen: 19.736 ug/l m

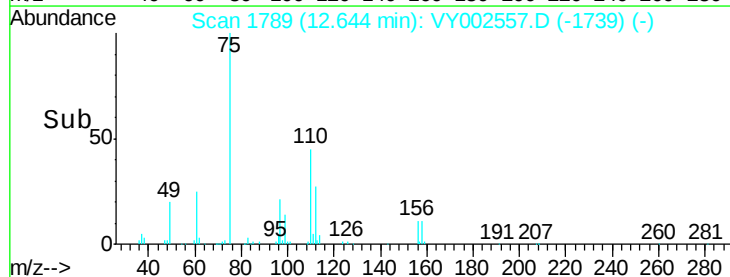
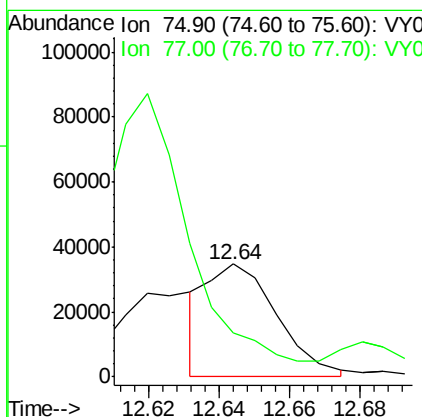
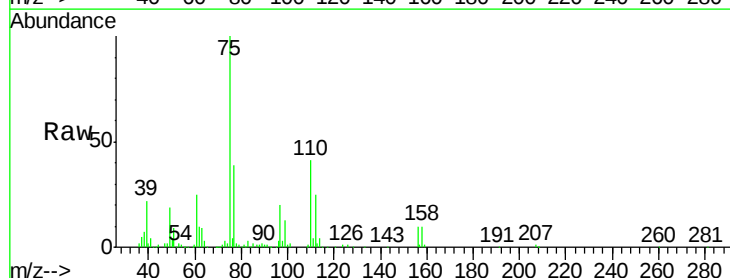
RT: 12.64 min Scan# 1789

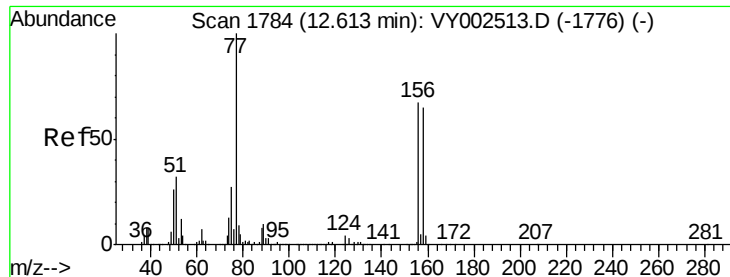
Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 47413 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 21.111 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

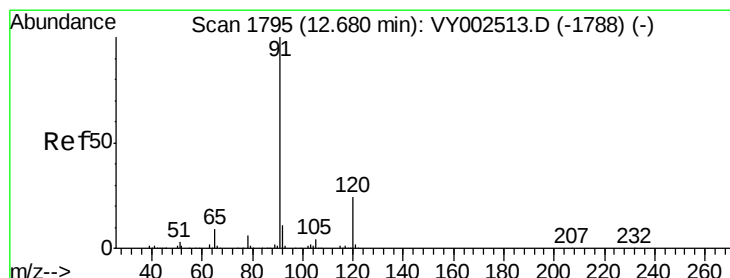
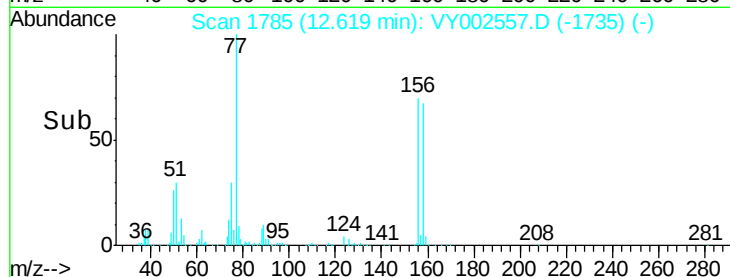
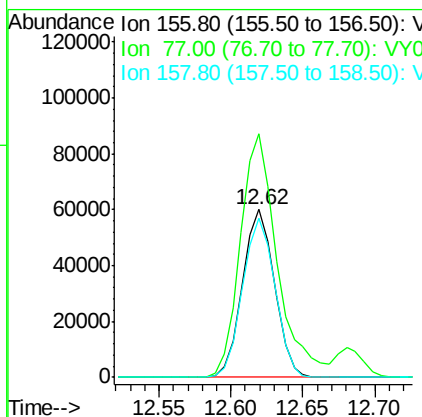
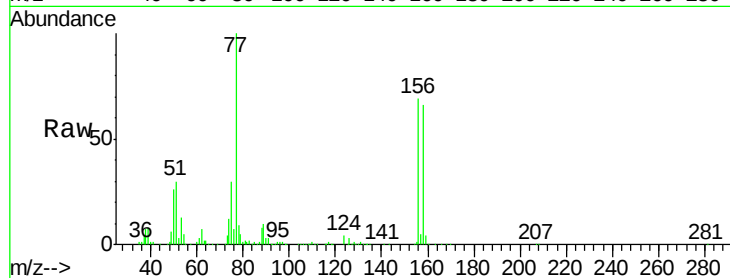
ClientSampleId :

VY0504SBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 92405 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 168.0 | 82.0  | 245.8 |
| 158       | 96.4  | 48.5  | 145.6 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 20.375 ug/l

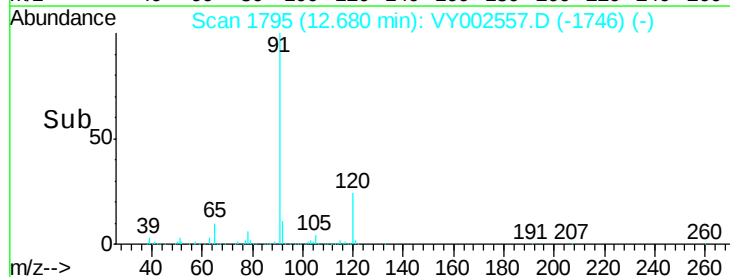
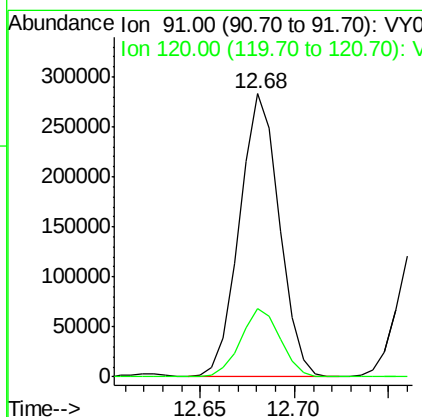
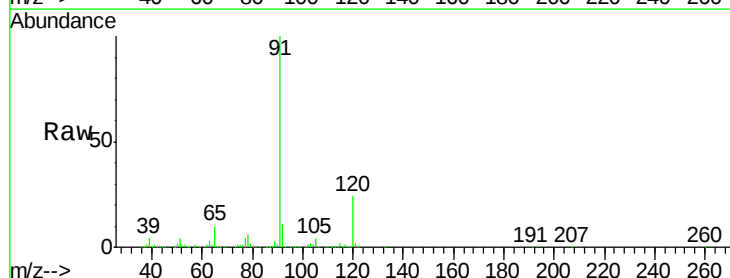
RT: 12.68 min Scan# 1795

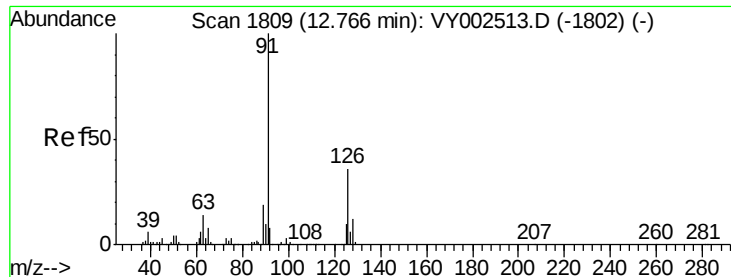
Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 414265 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 24.0  | 12.2  | 36.4   |





#79

2-Chlorotoluene

Concen: 21.018 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampled :

VY0504SBS02

Tot Ion: 91 Resp: 236706

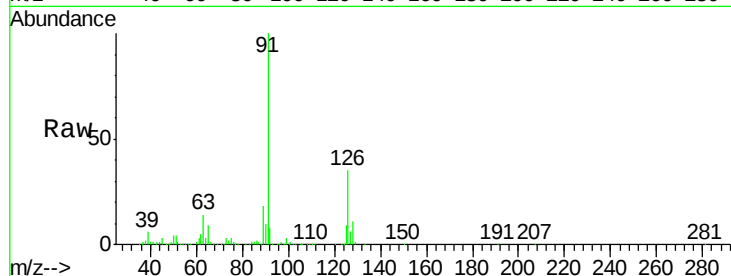
Ion Ratio Lower Upper

91 100

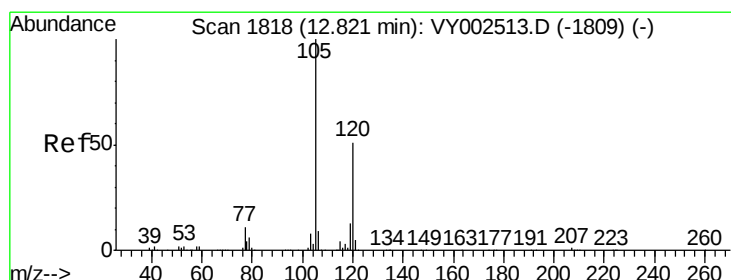
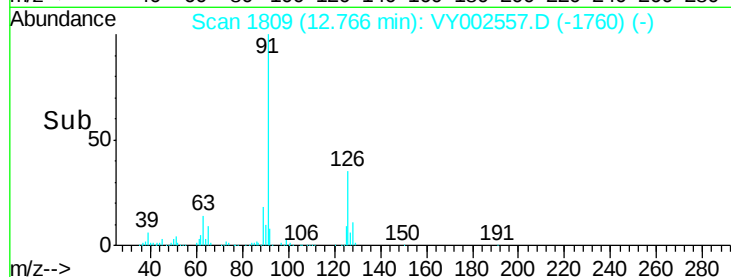
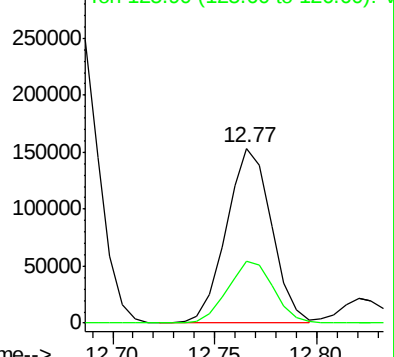
126 36.2 18.4 55.2

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Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.713 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002557.D

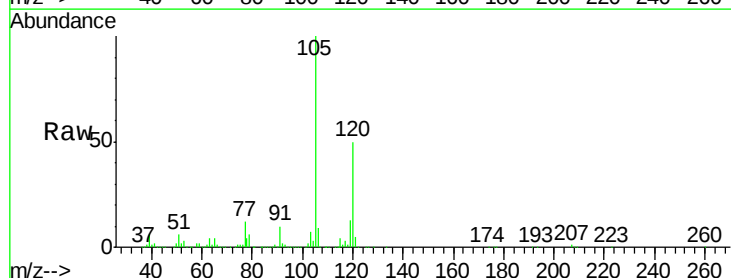
Acq: 04 May 2020 22:38

Tgt Ion: 105 Resp: 300802

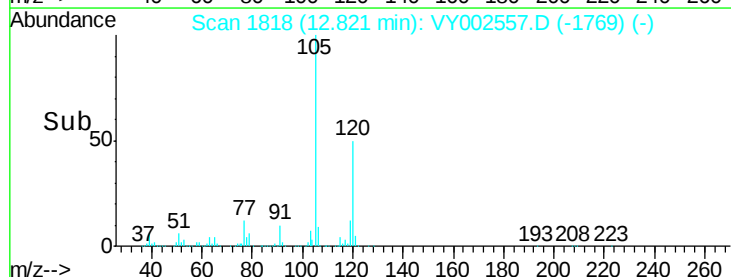
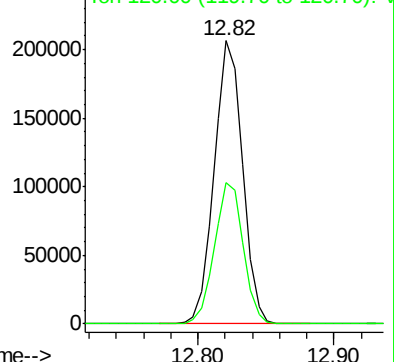
Ion Ratio Lower Upper

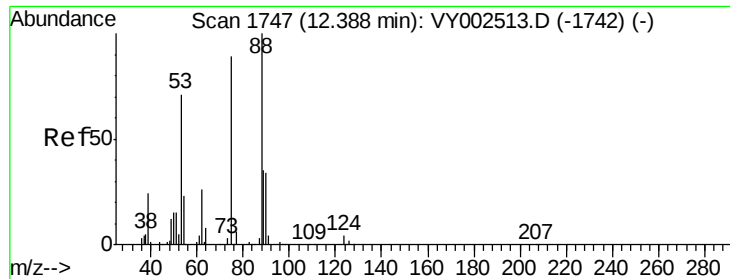
105 100

120 50.7 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002513.D (-1809) (-)





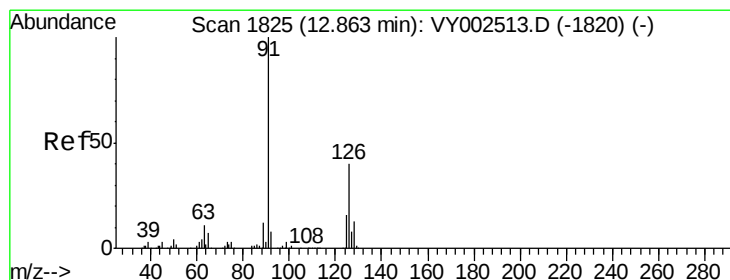
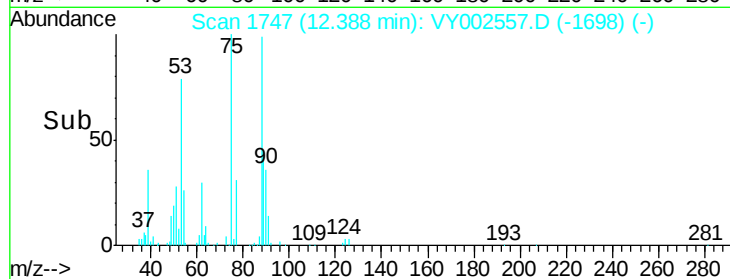
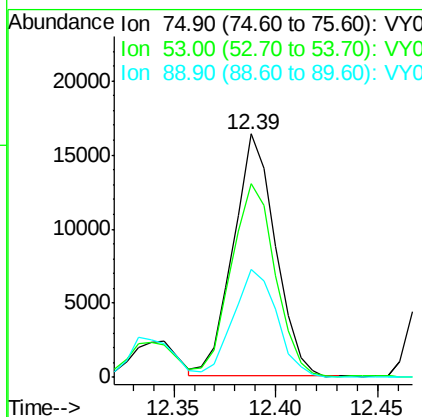
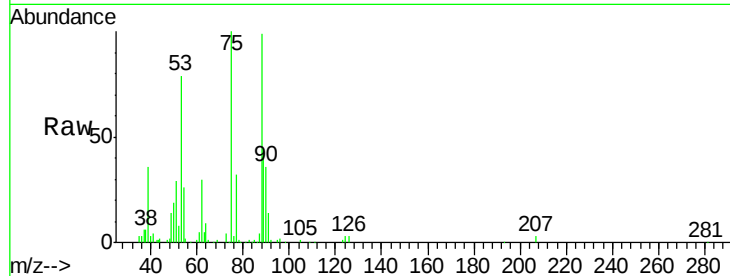
#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.578 ug/l  
RT: 12.39 min Scan# 1747  
Delta R.T. -0.00 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 83.6  | 67.4  | 101.0 |
| 89      | 46.2  | 37.4  | 56.0  |

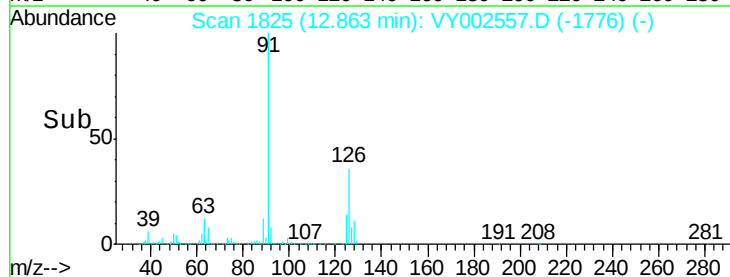
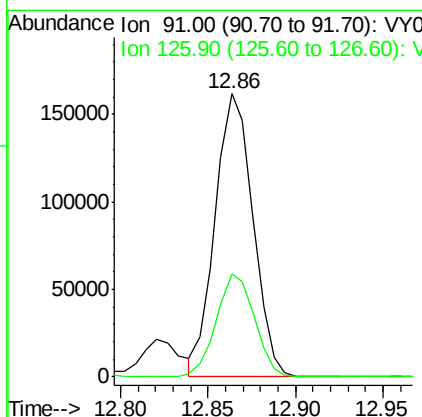
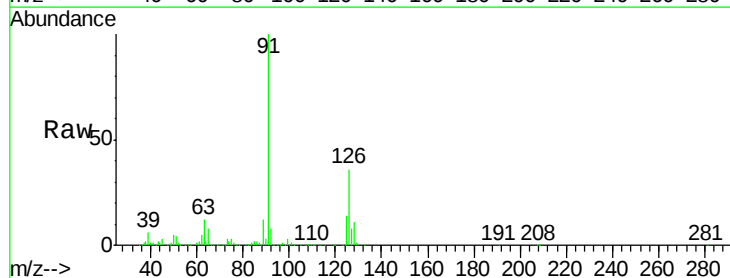
Manual Integrations  
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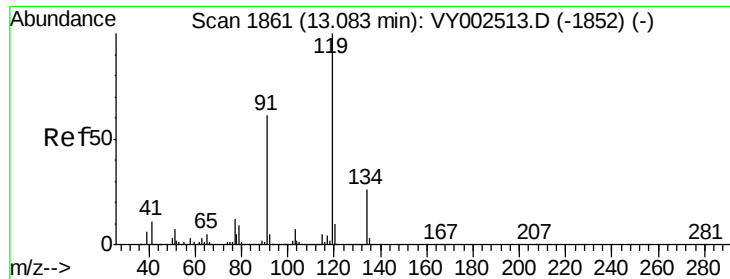
MMDadoda  
5/5/2020 11:29:20 AM



#82  
4-Chlorotoluene  
Concen: 20.562 ug/l  
RT: 12.86 min Scan# 1825  
Delta R.T. -0.00 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 36.7  | 18.5  | 55.5  |





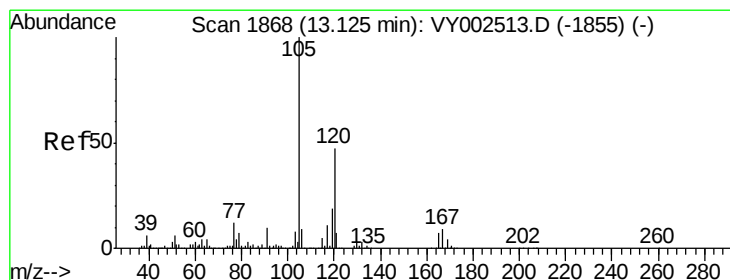
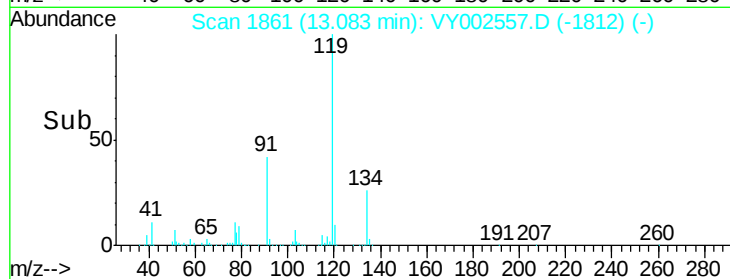
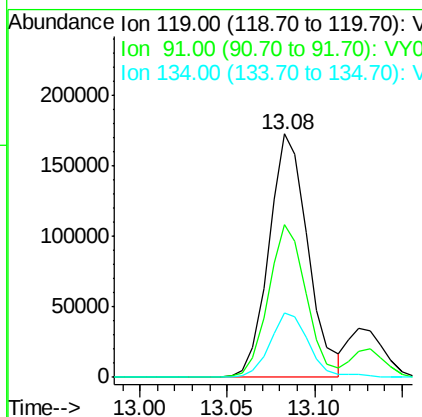
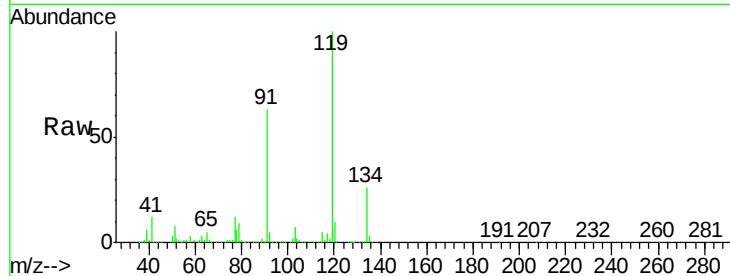
#83  
tert-Butylbenzene  
Concen: 21.144 ug/l  
RT: 13.08 min Scan# 1861  
Delta R.T. -0.00 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 269250 |       |       |
| 91      | 60.7  | 30.6   | 91.6  |       |
| 134     | 26.6  | 13.5   | 40.4  |       |

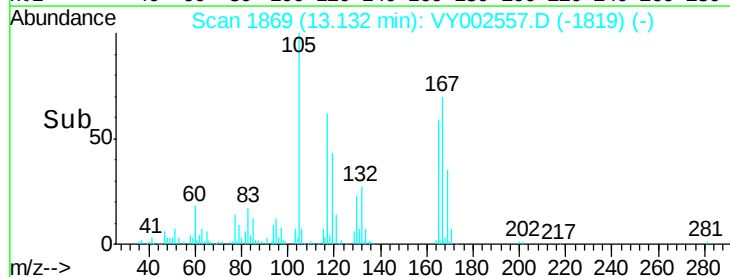
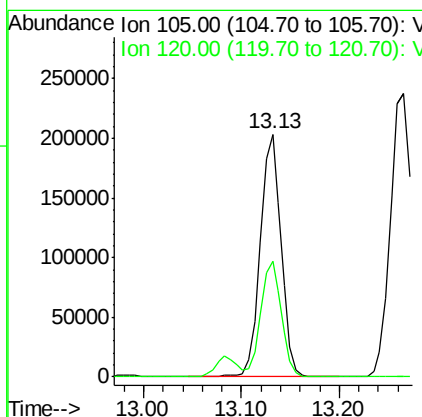
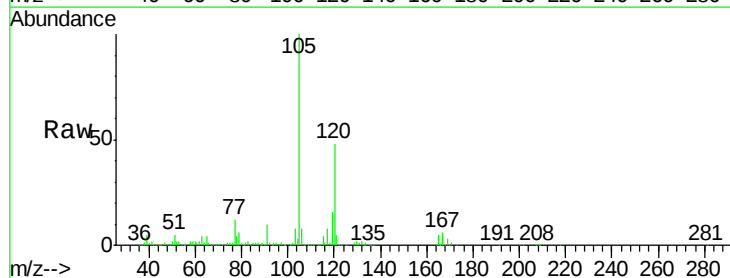
Manual Integrations  
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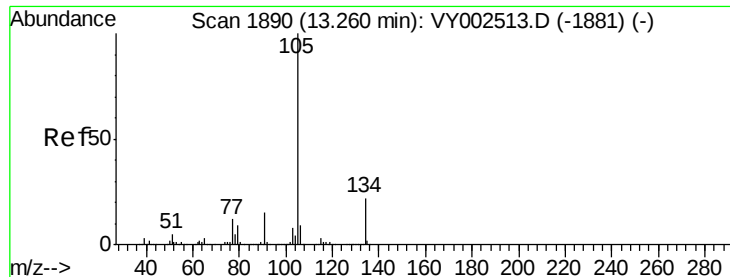
MMDadoda  
5/5/2020 11:29:20 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 20.880 ug/l  
RT: 13.13 min Scan# 1869  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 302202 |       |       |
| 120     | 47.3  | 23.4   | 70.3  |       |





#85

sec-Butylbenzene

Concen: 20.625 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

ClientSampleID :

VY0504SBS02

Tot Ion:105 Resp: 364437

Ion Ratio Lower Upper

105 100

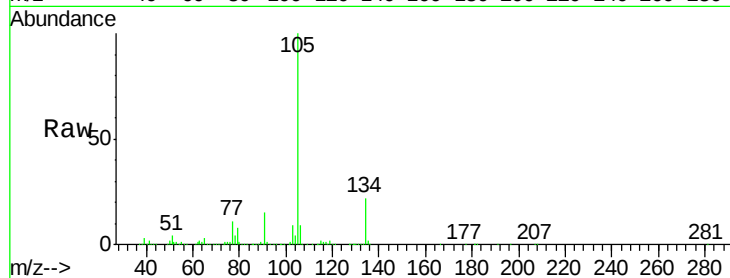
134 21.1 10.8 32.3

Manual Integrations

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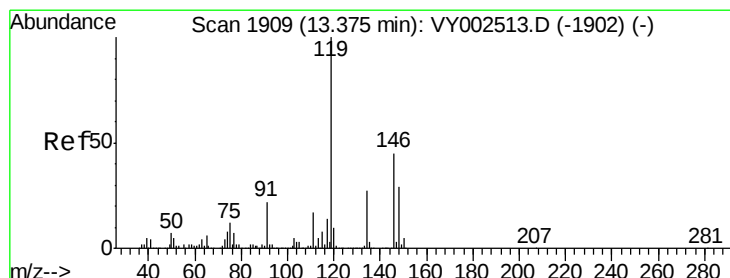
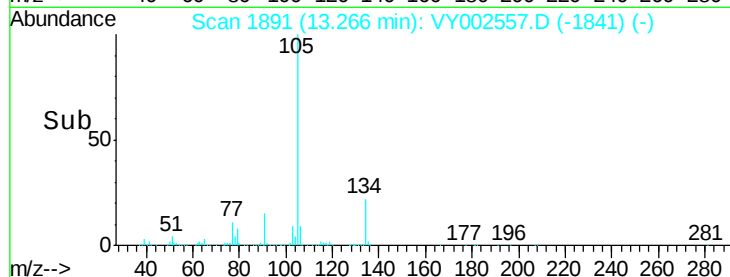
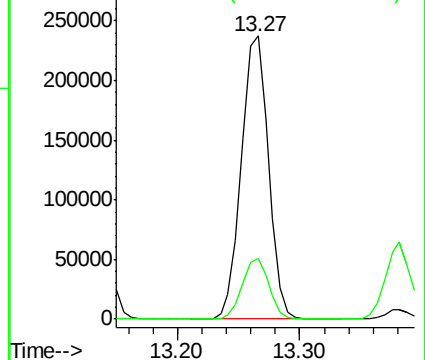
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.505 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

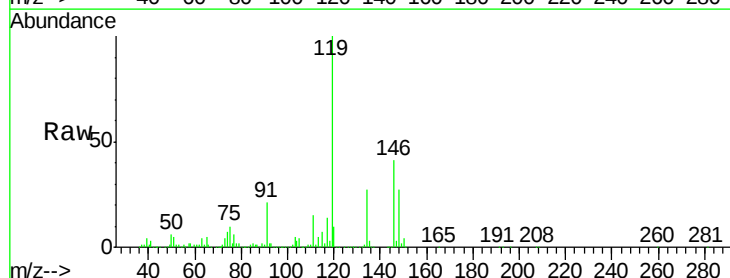
Tgt Ion:119 Resp: 339494

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

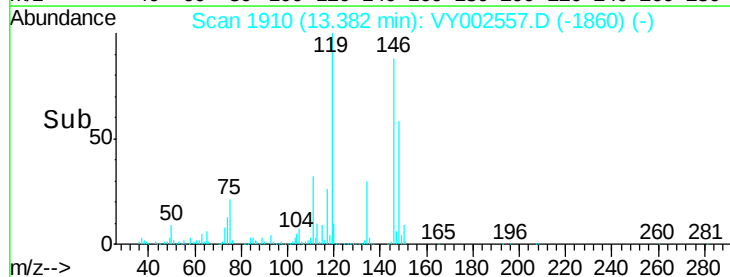
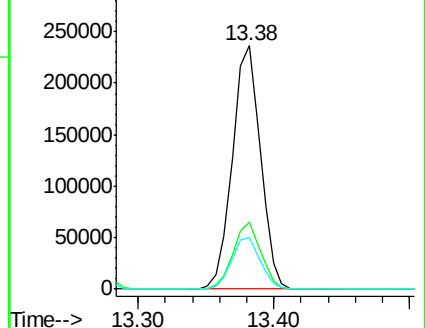
91 21.5 10.9 32.9

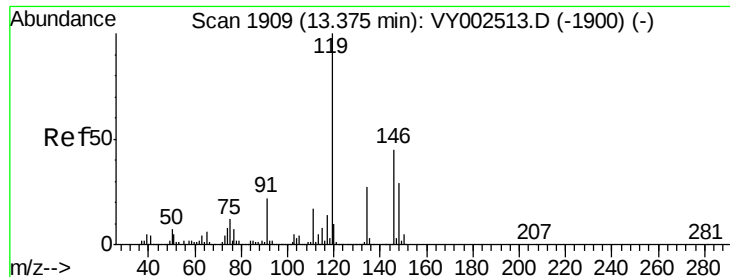


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





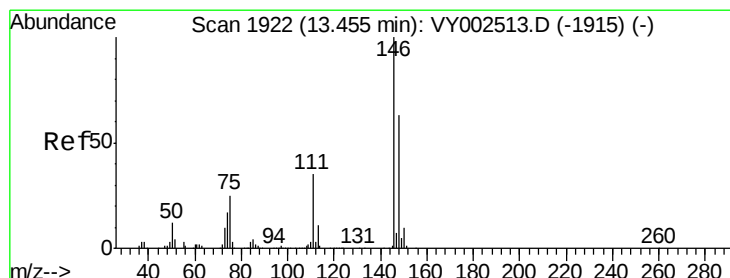
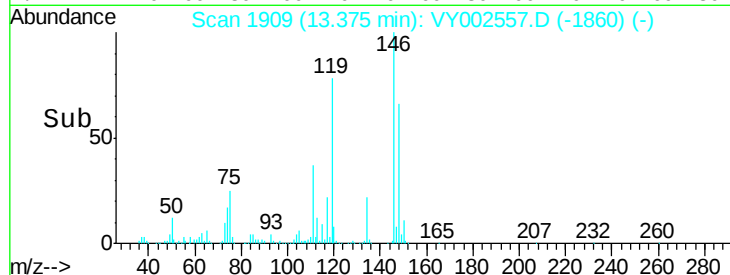
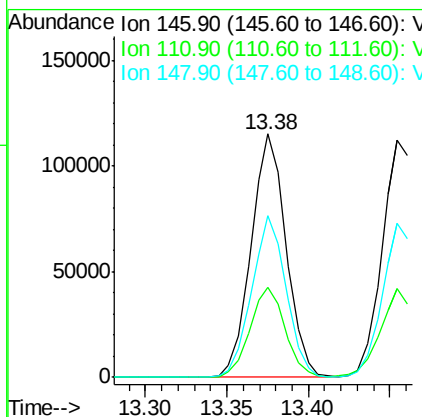
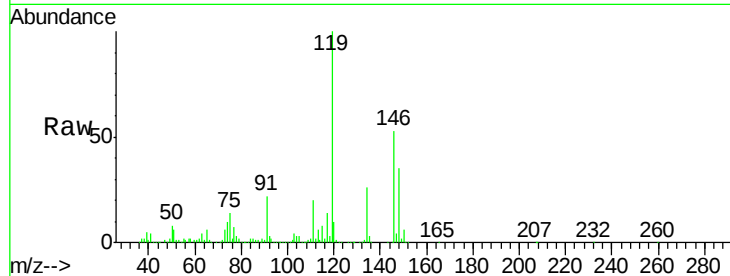
#87  
 1,3-Dichlorobenzene  
 Concen: 20.683 ug/l  
 RT: 13.38 min Scan# 1909  
 Delta R.T. -0.00 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0504SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 171347 |       |       |
| 111     | 37.1  | 18.8   | 56.3  |       |
| 148     | 65.2  | 32.1   | 96.3  |       |

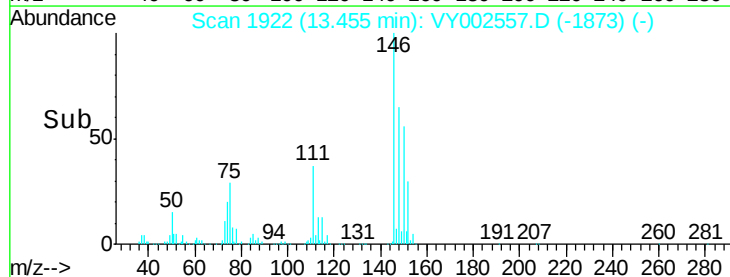
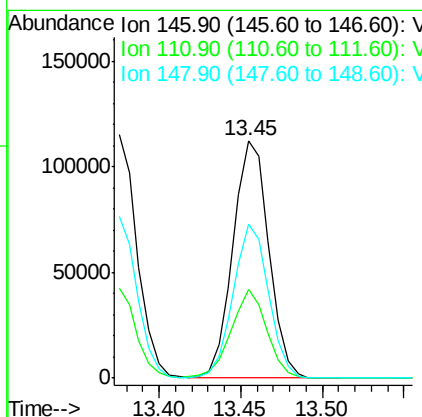
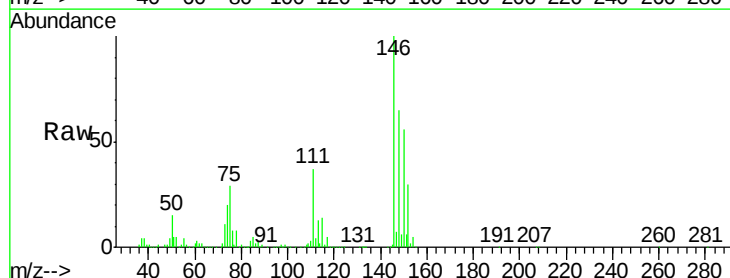
Manual Integrations  
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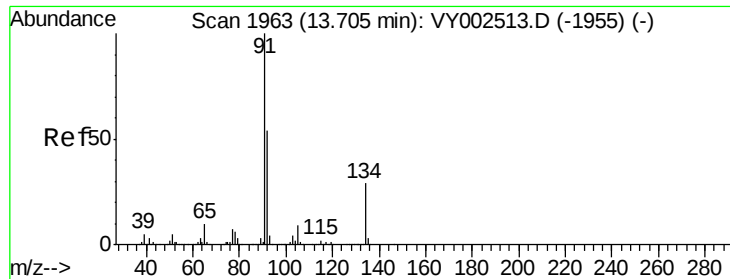
MMDadoda  
 5/5/2020 11:29:20 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 20.970 ug/l  
 RT: 13.45 min Scan# 1922  
 Delta R.T. -0.00 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 172027 |       |       |
| 111     | 37.1  | 18.1   | 54.1  |       |
| 148     | 63.9  | 31.9   | 95.5  |       |





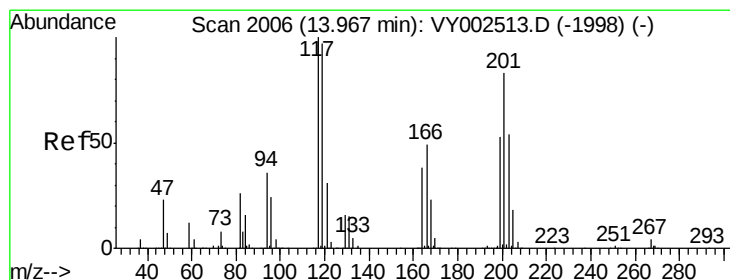
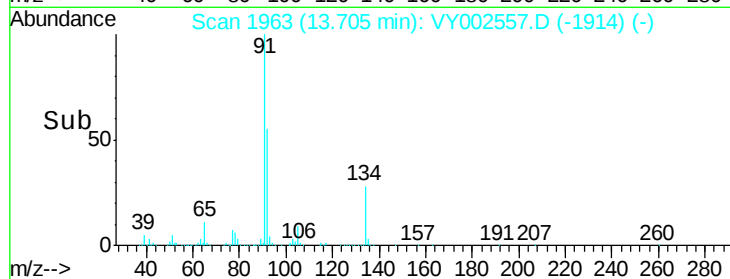
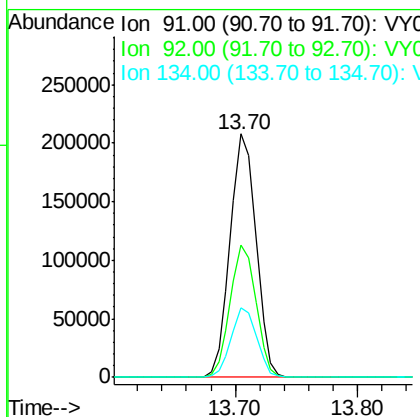
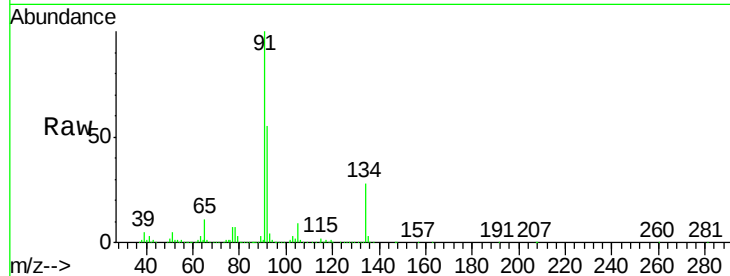
#89  
n-Butylbenzene  
Concen: 20.196 ug/l  
RT: 13.70 min Scan# 1963  
Delta R.T. -0.00 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.3  | 27.1  | 81.3  |
| 134     | 28.2  | 14.4  | 43.0  |

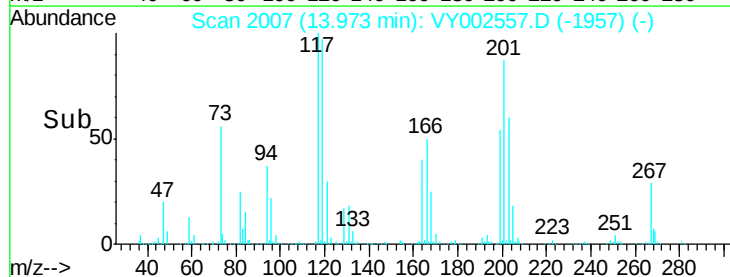
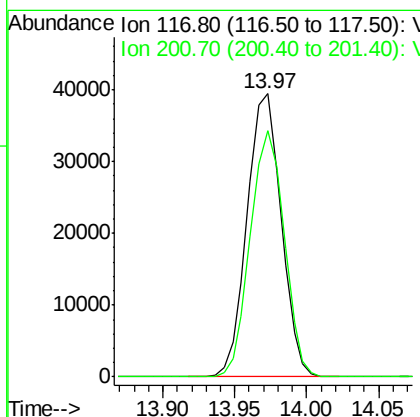
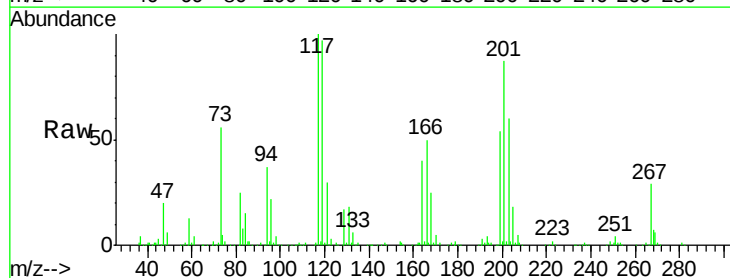
Manual Integrations  
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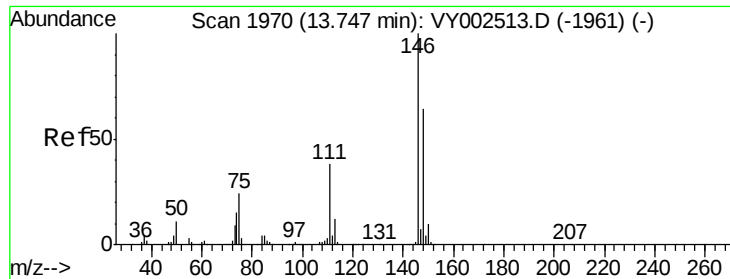
MMDadoda  
5/5/2020 11:29:20 AM



#90  
Hexachloroethane  
Concen: 21.474 ug/l  
RT: 13.97 min Scan# 2007  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 86.4  | 44.4  | 133.2 |





#91

1,2-Dichlorobenzene

Concen: 21.210 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

Instrument :

MSVOA\_Y

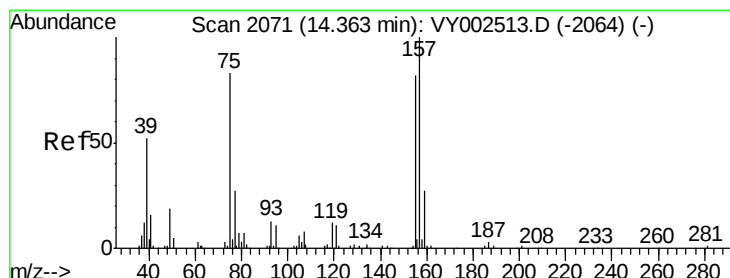
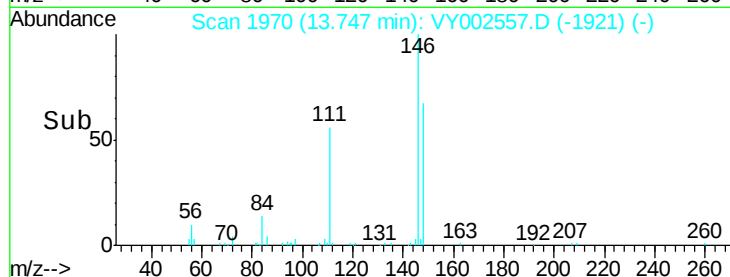
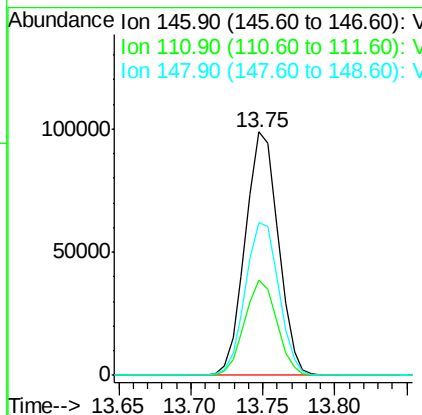
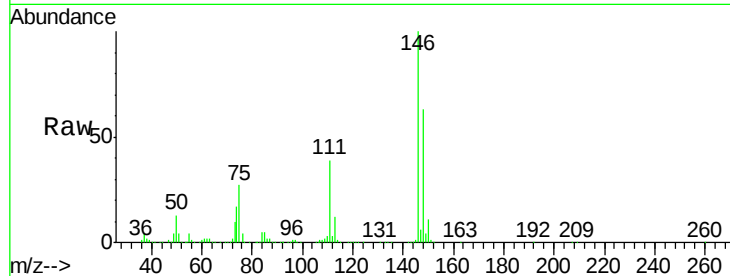
ClientSampleId :

VY0504SBS02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 156794 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.2  | 19.1  | 57.5   |
| 148       | 63.7  | 31.9  | 95.7   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.928 ug/l

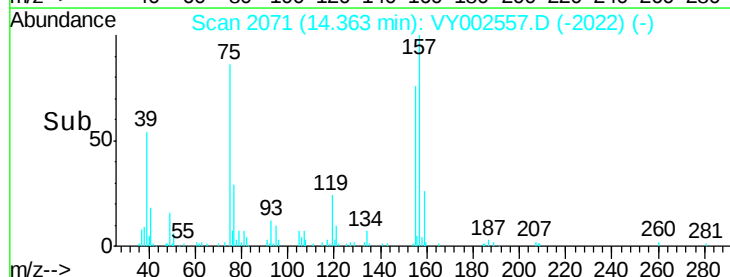
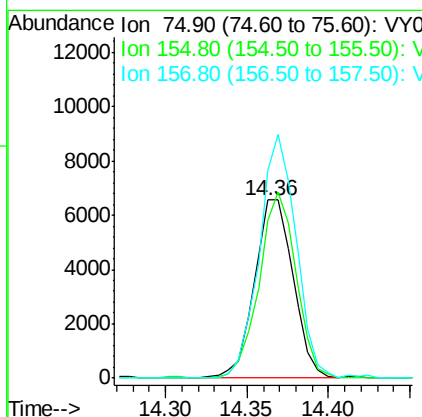
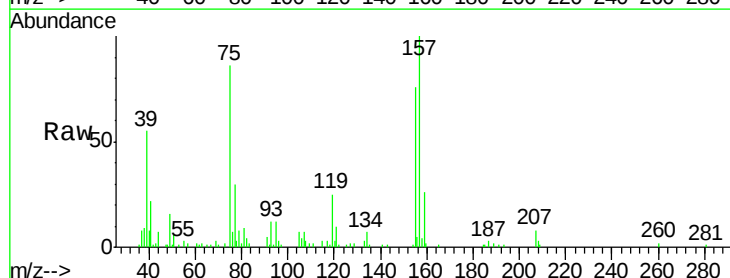
RT: 14.36 min Scan# 2071

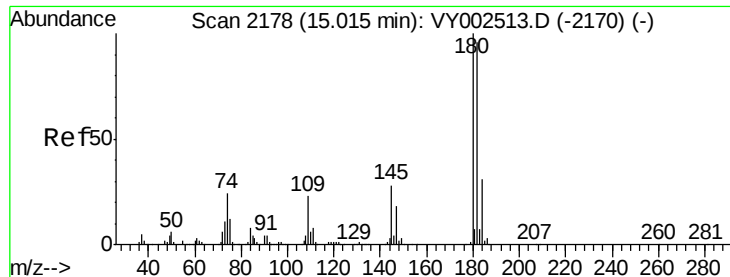
Delta R.T. -0.00 min

Lab File: VY002557.D

Acq: 04 May 2020 22:38

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 10870 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 99.4  | 51.3  | 153.9 |
| 157       | 129.0 | 65.0  | 195.0 |





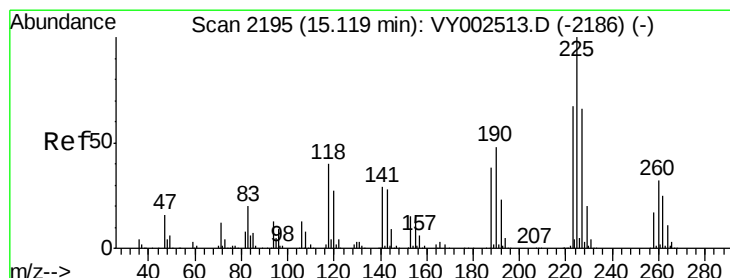
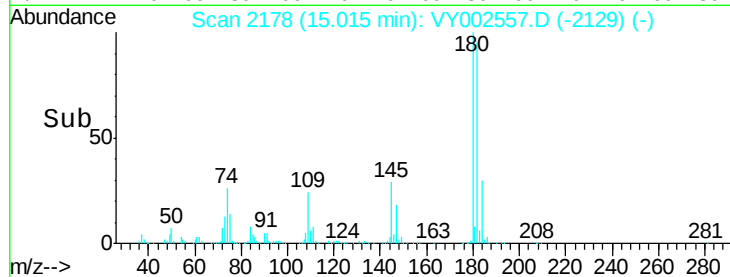
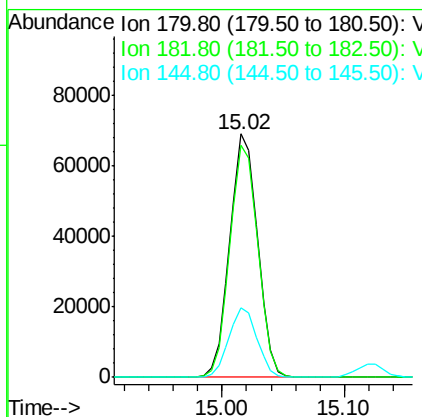
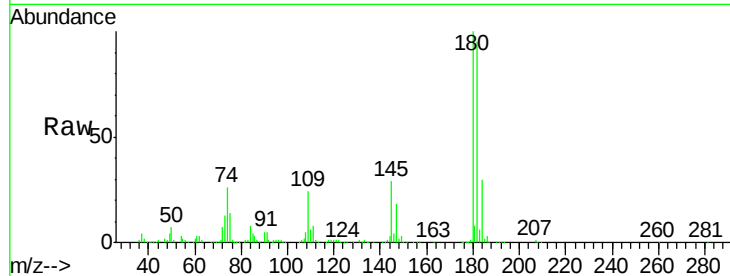
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.186 ug/l  
 RT: 15.02 min Scan# 2178  
 Delta R.T. -0.00 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0504SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 108336 |       |       |
| 182     | 96.1  | 47.9   | 143.6 |       |
| 145     | 29.0  | 14.4   | 43.0  |       |

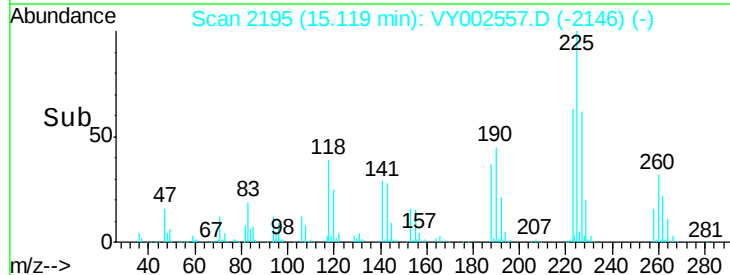
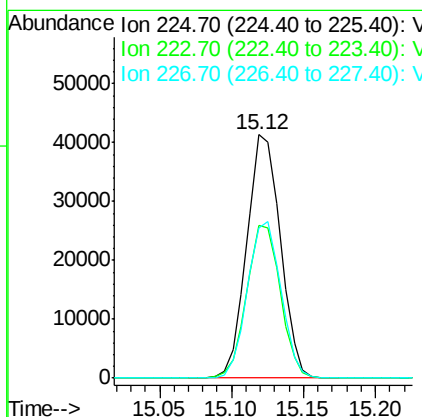
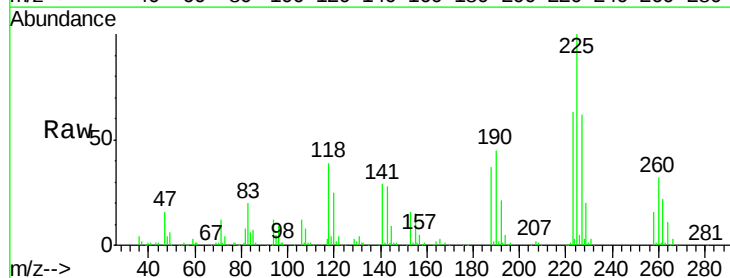
Manual Integrations  
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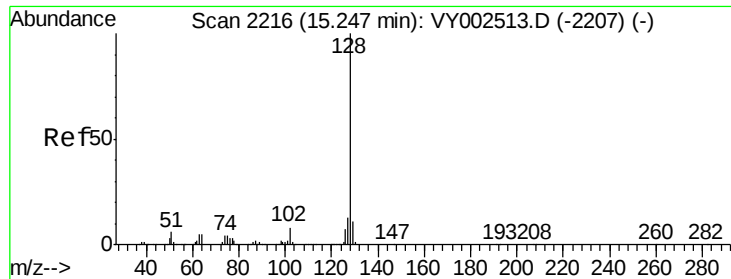
MMDadoda  
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#94  
 Hexachlorobutadiene  
 Concen: 20.708 ug/l  
 RT: 15.12 min Scan# 2195  
 Delta R.T. -0.00 min  
 Lab File: VY002557.D  
 Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 66710 |       |       |
| 223     | 62.9  | 32.1  | 96.5  |       |
| 227     | 64.1  | 32.0  | 96.2  |       |





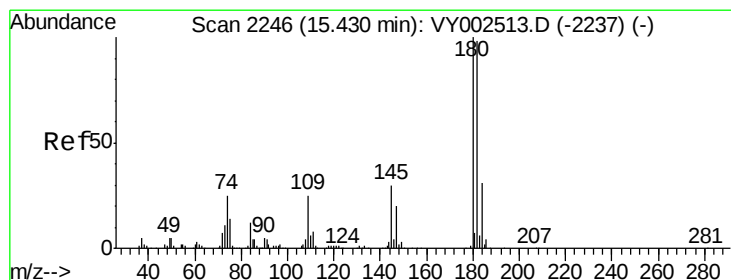
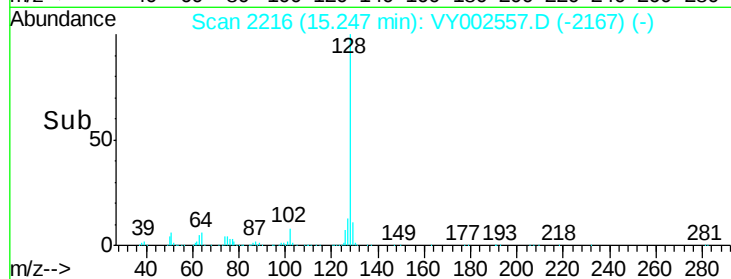
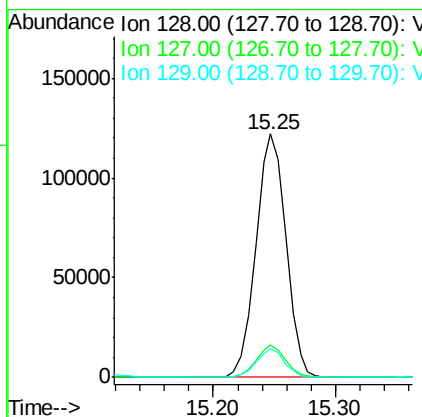
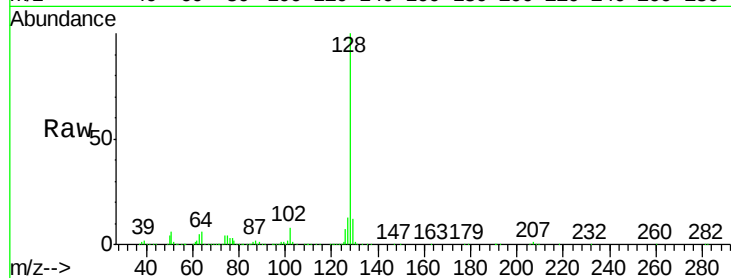
#95  
Naphthalene  
Concen: 21.332 ug/l  
RT: 15.25 min Scan# 2216  
Delta R.T. -0.00 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0504SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 208855 |       |       |
| 127     | 12.8  | 10.5   | 15.7  |       |
| 129     | 11.2  | 8.8    | 13.2  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 20.796 ug/l  
RT: 15.44 min Scan# 2247  
Delta R.T. 0.01 min  
Lab File: VY002557.D  
Acq: 04 May 2020 22:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 94749 |       |       |
| 182     | 95.2  | 47.9  | 143.8 |       |
| 145     | 30.6  | 15.0  | 45.1  |       |

