

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\  
 Data File : VY001266.D  
 Acq On : 17 Jan 2020 15:25  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 1/20/2020 11:06:39 AM

Quant Time: Jan 18 03:32:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y011020S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 10 16:01:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.81  | 168  | 194303   | 50.00 | ug/l  | 0.02     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 340647   | 50.00 | ug/l  | 0.02     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 300617   | 50.00 | ug/l  | 0.02     |
| 72) 1,4-Dichlorobenzene-d4 | 13.44 | 152  | 145730   | 50.00 | ug/l  | 0.01     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.17   | 65  | 99291    | 48.38 | ug/l   | 0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.76% |      |
| 35) Dibromofluoromethane  | 7.74   | 113 | 93283    | 46.77 | ug/l   | 0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.54% |      |
| 50) Toluene-d8            | 10.20  | 98  | 383065   | 49.85 | ug/l   | 0.02 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.70% |      |
| 62) 4-Bromofluorobenzene  | 12.49  | 95  | 144566   | 46.01 | ug/l   | 0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.02% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85  | 61056   | 40.916  | ug/l | 97     |
| 3) Chloromethane              | 2.13 | 50  | 93845   | 43.630  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.26 | 62  | 100287  | 46.281  | ug/l | 100    |
| 5) Bromomethane               | 2.66 | 94  | 68848   | 59.149  | ug/l | 98     |
| 6) Chloroethane               | 2.81 | 64  | 67039   | 53.550  | ug/l | 96     |
| 7) Trichlorofluoromethane     | 3.14 | 101 | 133726  | 44.335  | ug/l | 97     |
| 8) Diethyl Ether              | 3.55 | 74  | 56812   | 48.473  | ug/l | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.92 | 101 | 86224   | 44.411  | ug/l | 99     |
| 10) Methyl Iodide             | 4.11 | 142 | 115101  | 43.312  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.98 | 59  | 53508   | 259.148 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.89 | 96  | 89714   | 45.165  | ug/l | 99     |
| 13) Acrolein                  | 3.75 | 56  | 53529   | 287.974 | ug/l | 100    |
| 14) Allyl chloride            | 4.50 | 41  | 157054  | 46.847  | ug/l | 99     |
| 15) Acrylonitrile             | 5.19 | 53  | 149190  | 254.521 | ug/l | 99     |
| 16) Acetone                   | 3.97 | 43  | 139421  | 292.531 | ug/l | 95     |
| 17) Carbon Disulfide          | 4.21 | 76  | 254936  | 39.655  | ug/l | 100    |
| 18) Methyl Acetate            | 4.50 | 43  | 77476   | 49.167  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.25 | 73  | 273559  | 49.788  | ug/l | 99     |
| 20) Methylene Chloride        | 4.74 | 84  | 114279  | 51.633  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 5.24 | 96  | 103987  | 46.169  | ug/l | 98     |
| 22) Diisopropyl ether         | 6.14 | 45  | 343367  | 50.146  | ug/l | 99     |
| 23) Vinyl Acetate             | 6.09 | 43  | 1120245 | 255.813 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 6.05 | 63  | 184907  | 49.327  | ug/l | 99     |
| 25) 2-Butanone                | 7.02 | 43  | 207205  | 279.342 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 7.01 | 77  | 160087  | 46.440  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 7.01 | 96  | 121791  | 49.349  | ug/l | 100    |
| 28) Bromochloromethane        | 7.36 | 49  | 88788   | 57.679  | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.37 | 42  | 129295  | 254.352 | ug/l | 97     |
| 30) Chloroform                | 7.53 | 83  | 184106  | 50.124  | ug/l | 99     |
| 31) Cyclohexane               | 7.81 | 56  | 162063  | 40.832  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 7.73 | 97  | 152225  | 46.709  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.94 | 75  | 140475  | 45.245  | ug/l | 100    |
| 37) Ethyl Acetate             | 7.10 | 43  | 86593   | 47.523  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.92 | 117 | 129878  | 45.645  | ug/l | 97     |

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 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 1/20/2020 11:06:39 AM

Quant Time: Jan 18 03:32:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y011020S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 10 16:01:58 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.20  | 83   | 176415   | 41.911   | ug/l   | 97       |
| 40) Benzene                    | 8.19  | 78   | 434764   | 47.971   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.35  | 41   | 42484m   | 49.635   | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.26  | 62   | 120859   | 47.624   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.30  | 43   | 171807   | 49.309   | ug/l   | 98       |
| 44) Trichloroethene            | 8.96  | 130  | 112019   | 47.434   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.24  | 63   | 112511   | 50.215   | ug/l   | 97       |
| 46) Dibromomethane             | 9.33  | 93   | 58669    | 47.991   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.52  | 83   | 146340   | 49.118   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.31  | 41   | 77257    | 47.915   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.31  | 88   | 16968    | 1139.723 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 10.09 | 43   | 442916   | 250.525  | ug/l   | 99       |
| 52) Toluene                    | 10.26 | 92   | 272110   | 47.074   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.48 | 75   | 161438   | 48.423   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 184710   | 49.140   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.66 | 97   | 88985    | 49.099   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 134372   | 48.469   | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.81 | 76   | 154279   | 49.587   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.80  | 63   | 227723   | 233.551  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.84 | 43   | 322660   | 260.412  | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.00 | 129  | 101698   | 48.737   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 84128    | 47.540   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.74 | 164  | 85775    | 44.263   | ug/l   | 96       |
| 65) Chlorobenzene              | 11.53 | 112  | 291241   | 48.485   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 103611   | 50.047   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.61 | 91   | 530764   | 48.302   | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.71 | 106  | 404444   | 97.571   | ug/l   | 100      |
| 69) o-Xylene                   | 12.04 | 106  | 195056   | 49.080   | ug/l   | 99       |
| 70) Styrene                    | 12.05 | 104  | 344354   | 49.382   | ug/l   | 98       |
| 71) Bromoform                  | 12.22 | 173  | 61326    | 48.033   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.34 | 105  | 518944   | 47.368   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.15 | 43   | 168327   | 49.232   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.59 | 83   | 113035   | 49.039   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 73246m   | 46.951   | ug/l   |          |
| 77) Bromobenzene               | 12.62 | 156  | 119380   | 49.315   | ug/l   | 96       |
| 78) n-propylbenzene            | 12.68 | 91   | 627432   | 47.612   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.77 | 91   | 359705   | 47.529   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.82 | 105  | 438802   | 48.003   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75   | 43153    | 46.907   | ug/l # | 98       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 387006   | 47.900   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.08 | 119  | 370419   | 48.226   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 440331   | 48.507   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.26 | 105  | 534774   | 48.397   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 468151   | 48.797   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.37 | 146  | 229677   | 50.168   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 231263   | 49.081   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.70 | 91   | 471534   | 48.799   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.97 | 117  | 91958    | 49.054   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.75 | 146  | 210593   | 49.495   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 19151    | 46.060   | ug/l   | 97       |

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Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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Quant Title : SW846 8260  
QLast Update : Fri Jan 10 16:01:58 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180  | 139583   | 49.791 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.12 | 225  | 67673    | 47.917 | ug/l  | 99       |
| 95) Naphthalene            | 15.24 | 128  | 317515   | 48.651 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.43 | 180  | 124715   | 50.478 | ug/l  | 98       |

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

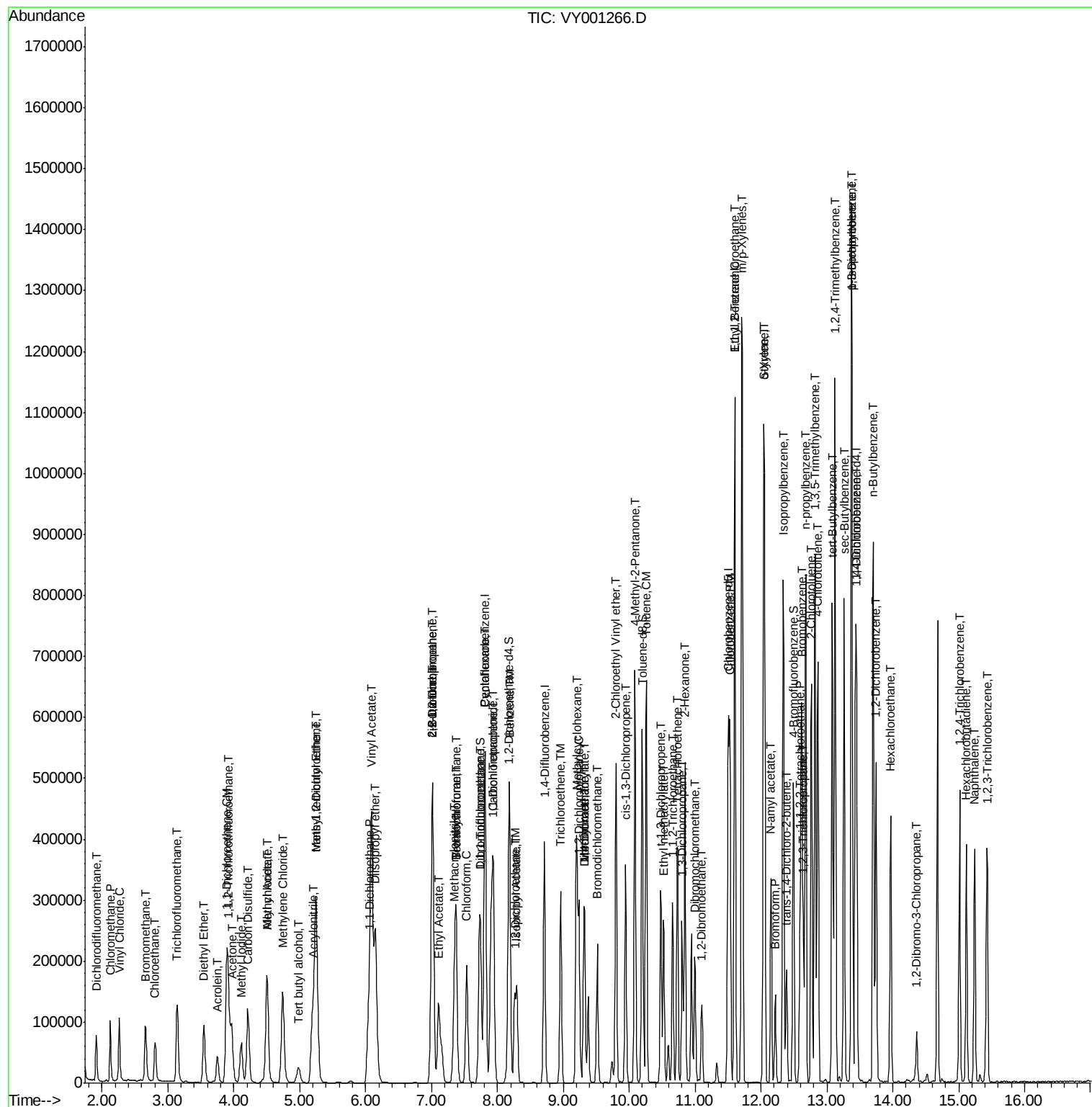
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 Data File : VY001266.D  
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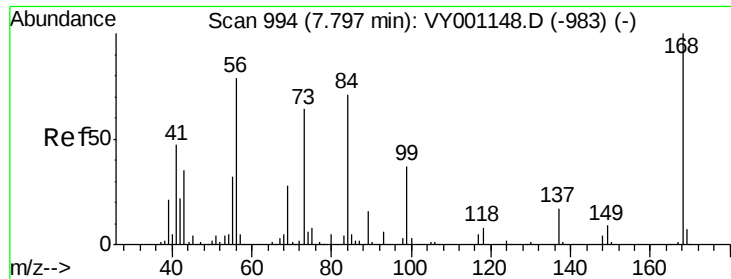
Instrument :  
 MSVOA\_Y  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 997

Delta R.T. 0.02 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 194303

Ion Ratio Lower Upper

168 100

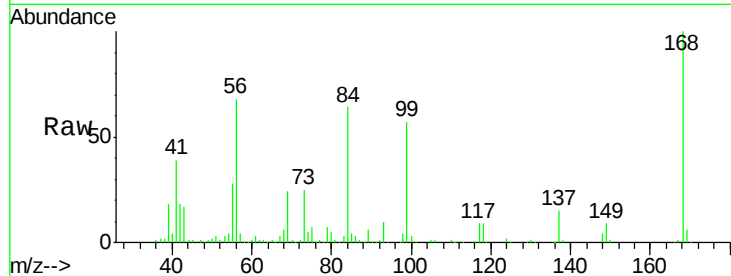
99 56.5 47.9 71.9

Manual Integrations

APPROVED

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1/20/2020 11:06:39 AM



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

100000

80000

60000

40000

20000

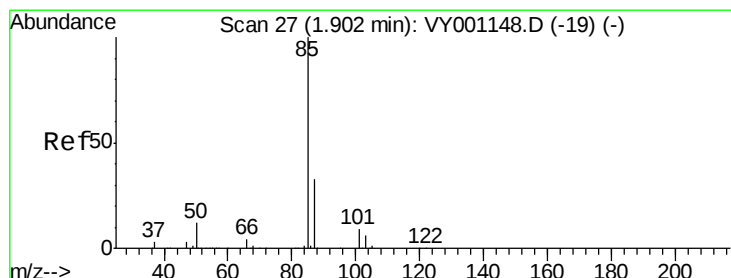
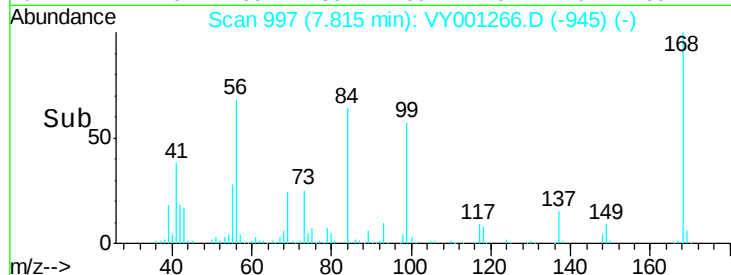
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 40.916 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY001266.D

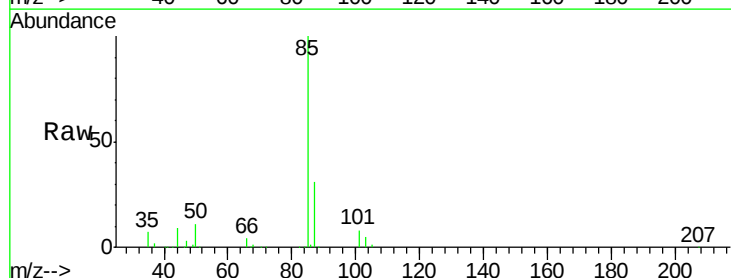
Acq: 17 Jan 2020 15:25

Tgt Ion: 85 Resp: 61056

Ion Ratio Lower Upper

85 100

87 30.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)

50000

40000

30000

20000

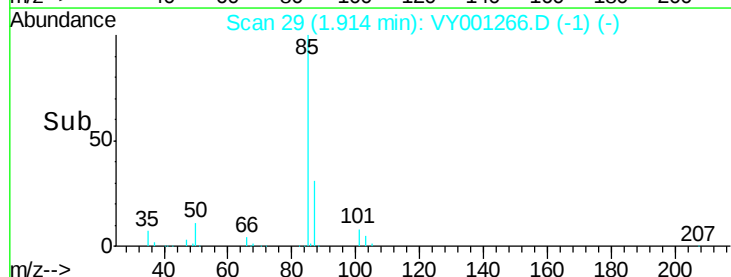
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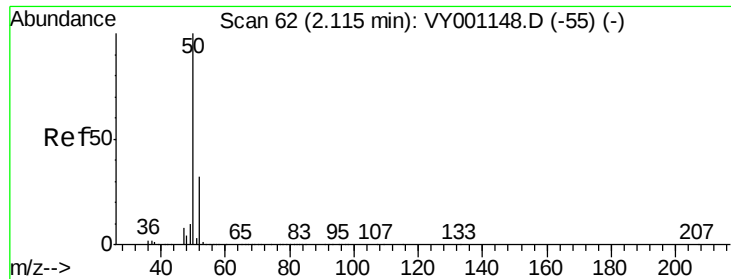
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1.90

2.00

Time-->





#3

Chloromethane

Concen: 43.630 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 93845

Ion Ratio Lower Upper

50 100

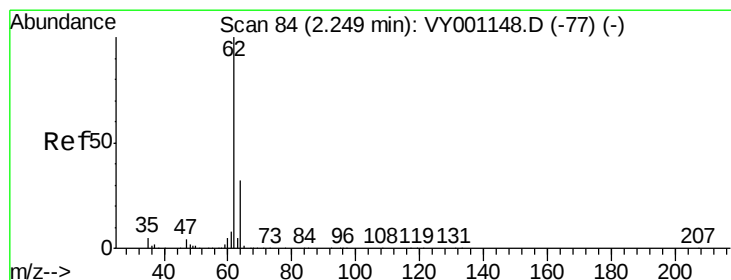
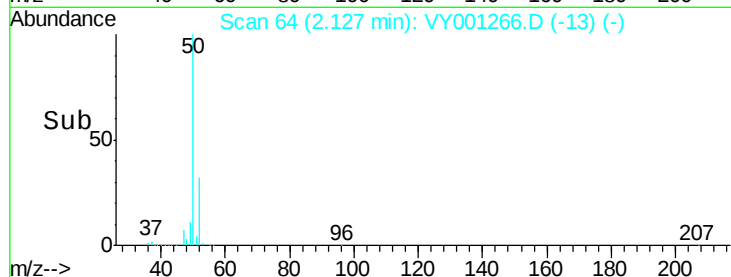
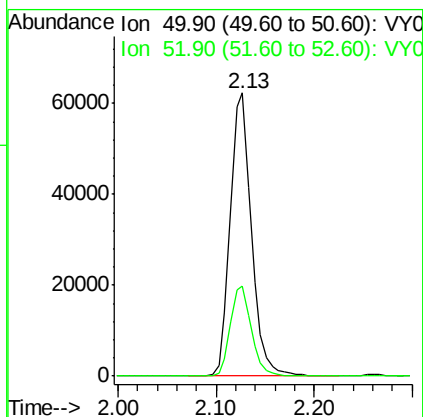
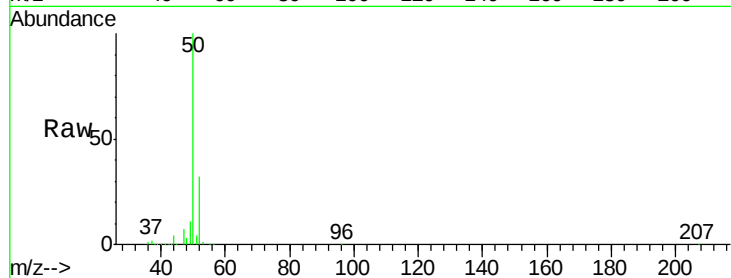
52 32.0 25.8 38.6

Manual Integrations

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1/20/2020 11:06:39 AM



#4

Vinyl Chloride

Concen: 46.281 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY001266.D

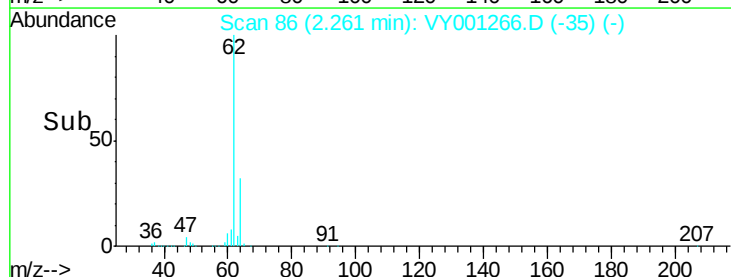
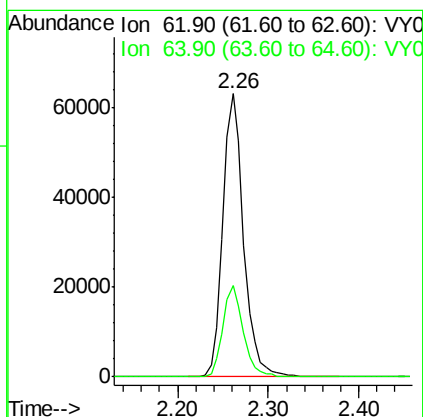
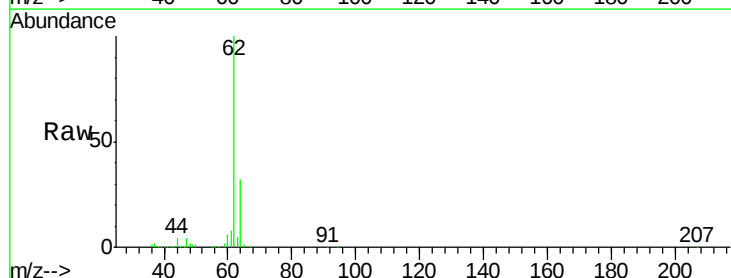
Acq: 17 Jan 2020 15:25

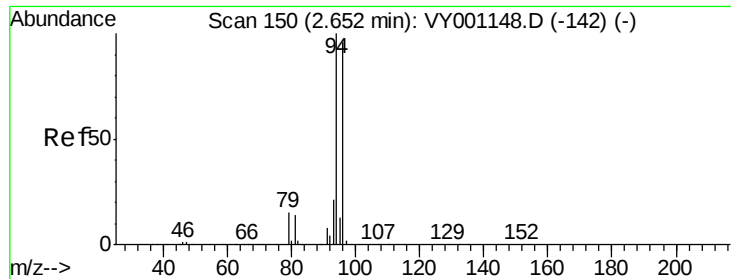
Tgt Ion: 62 Resp: 100287

Ion Ratio Lower Upper

62 100

64 32.4 25.8 38.8





#5

Bromomethane

Concen: 59.149 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 68848

Ion Ratio Lower Upper

94 100

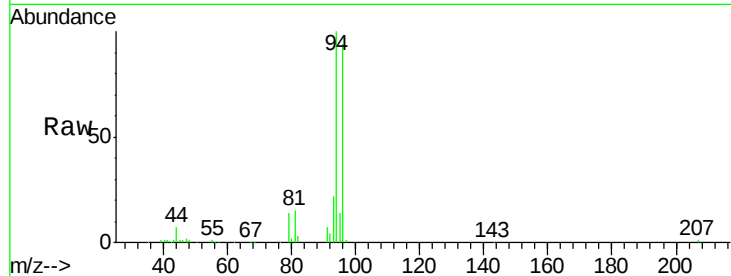
96 94.2 77.3 115.9

Manual Integrations

APPROVED

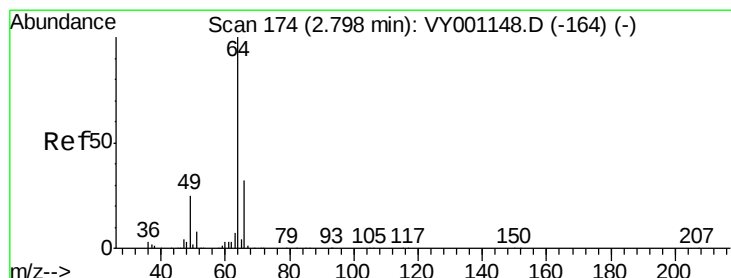
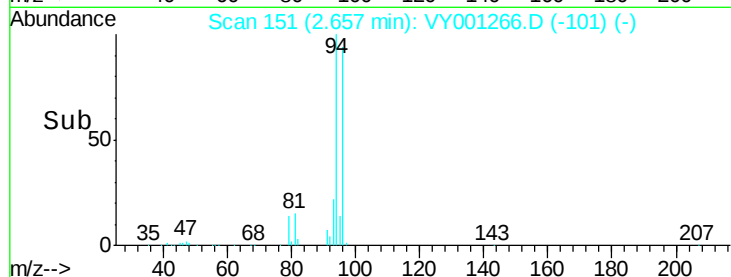
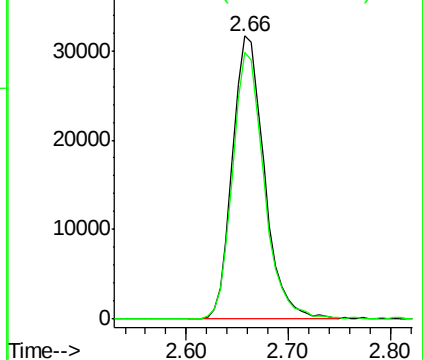
MMDadoda

1/20/2020 11:06:39 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 53.550 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY001266.D

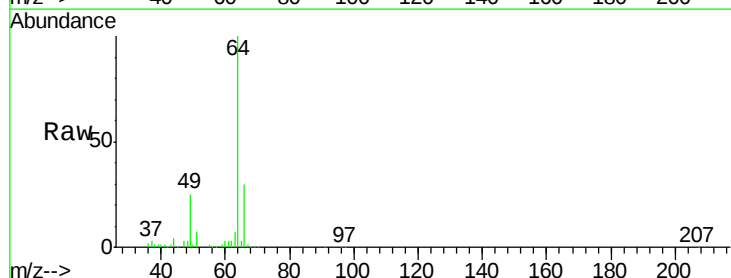
Acq: 17 Jan 2020 15:25

Tgt Ion: 64 Resp: 67039

Ion Ratio Lower Upper

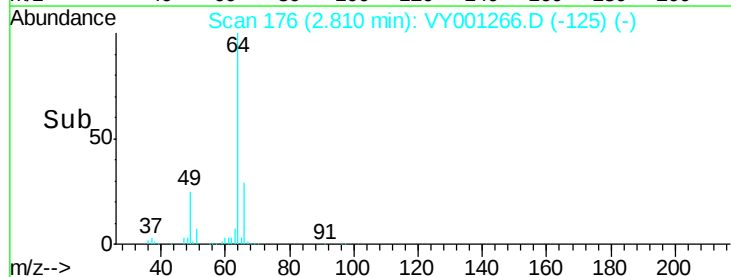
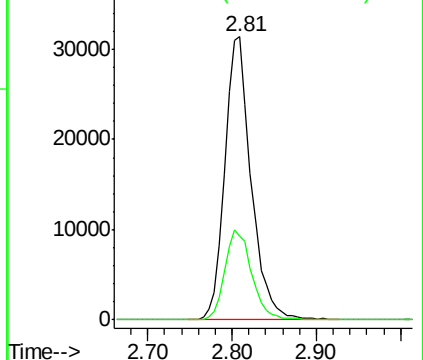
64 100

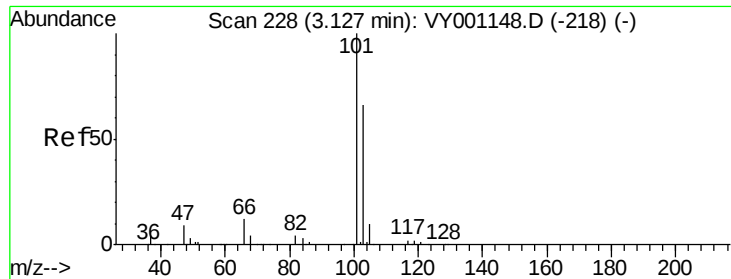
66 29.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

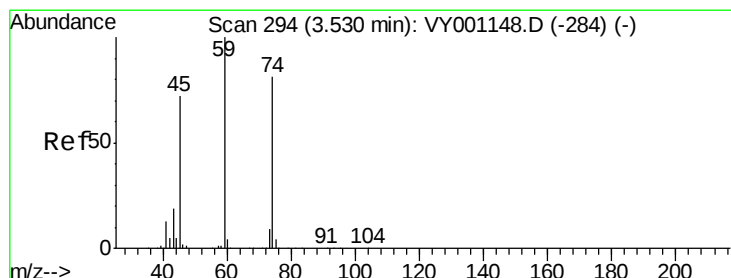
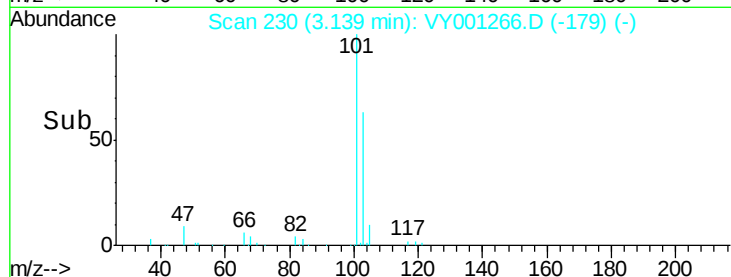
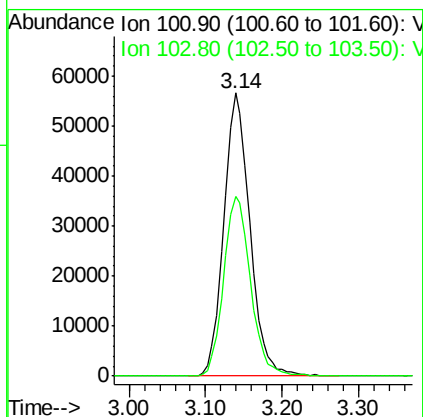
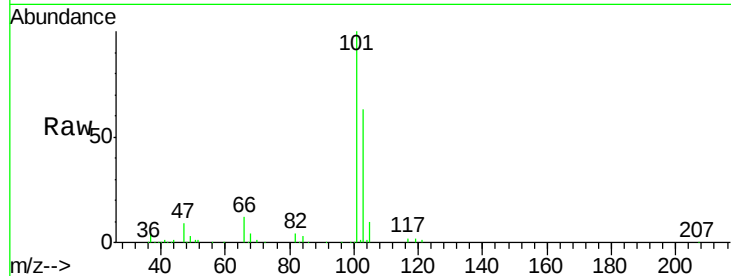
Trichlorofluoromethane  
Concen: 44.335 ug/l  
RT: 3.14 min Scan# 230  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 133726 |       |       |
| 103     | 63.3  | 52.6   | 79.0  |       |

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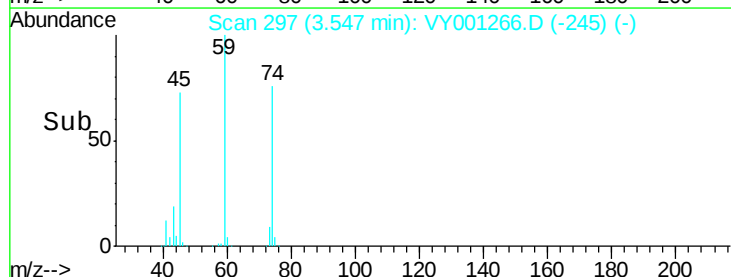
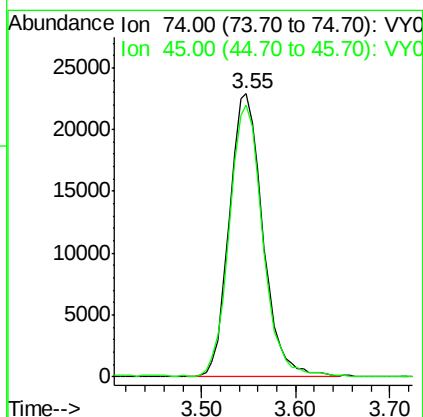
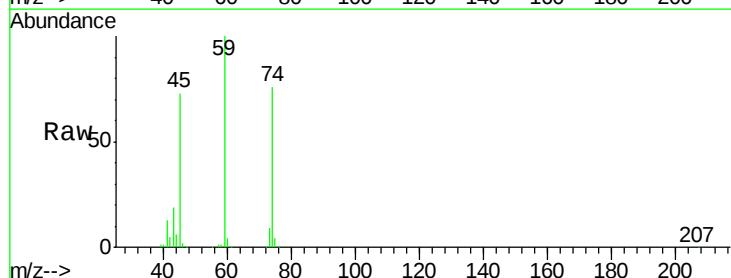
MMDadoda  
1/20/2020 11:06:39 AM

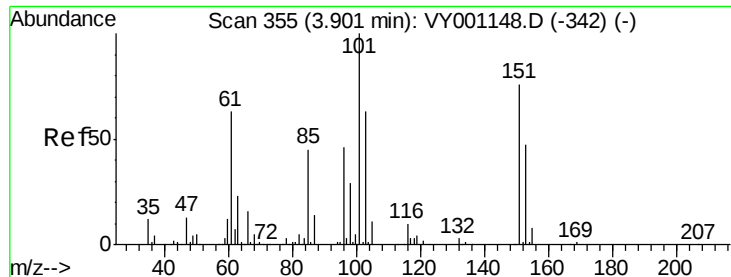


#8

Diethyl Ether  
Concen: 48.473 ug/l  
RT: 3.55 min Scan# 297  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 56812 |       |       |
| 45      | 95.9  | 45.5  | 136.5 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.411 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.02 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

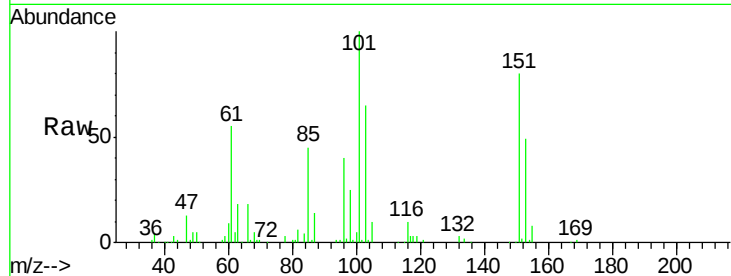
ClientSampleId :

VSTDCCC050

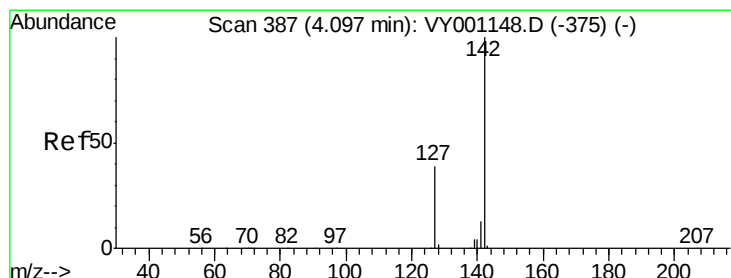
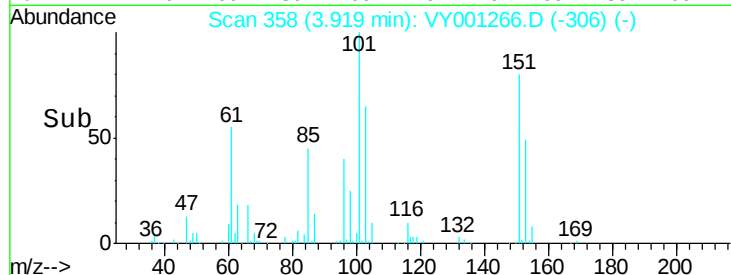
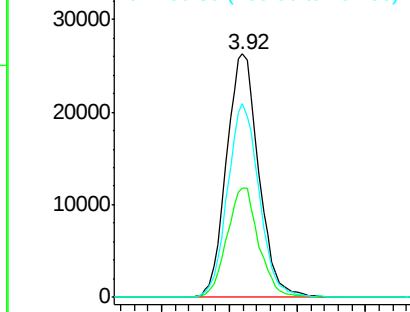
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 86224 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.6  | 35.2  | 52.8  |
| 151       | 78.0  | 61.4  | 92.2  |

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Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 84.90 (84.60 to 85.60): VY0  
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.312 ug/l

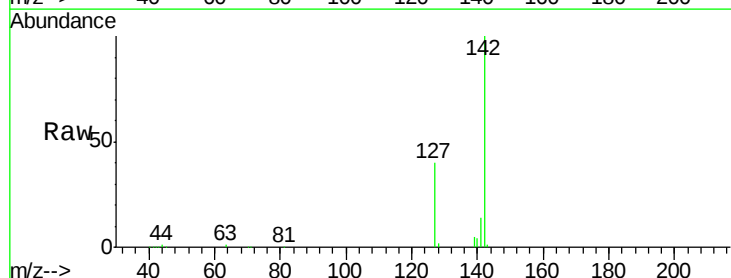
RT: 4.11 min Scan# 390

Delta R.T. 0.02 min

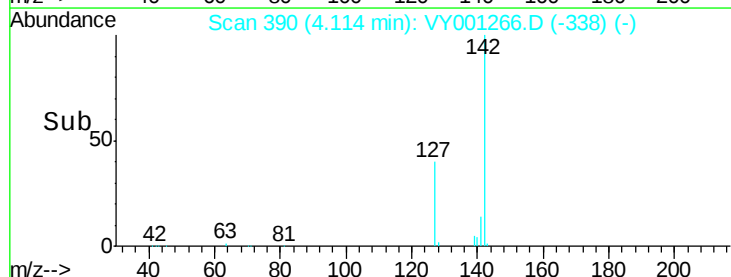
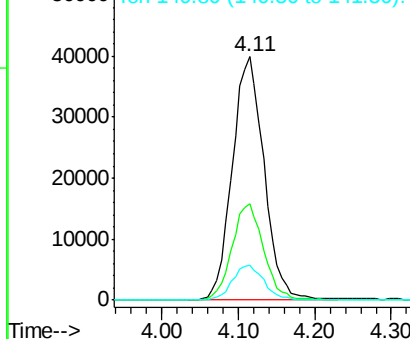
Lab File: VY001266.D

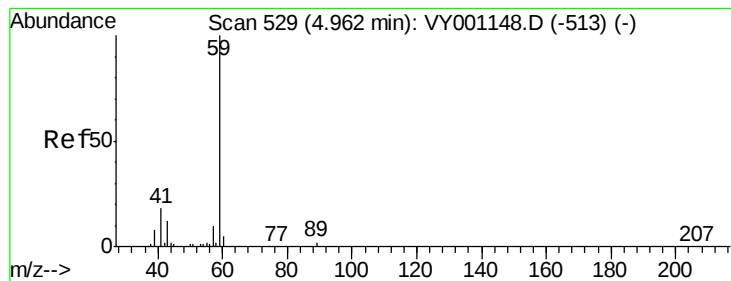
Acq: 17 Jan 2020 15:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 115101 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 39.1  | 30.8  | 46.2   |
| 141       | 14.1  | 11.0  | 16.4   |



Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V





#11

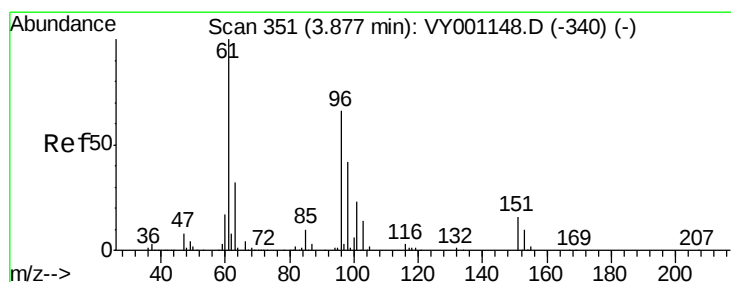
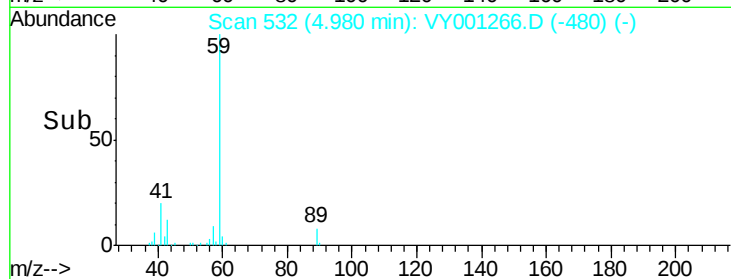
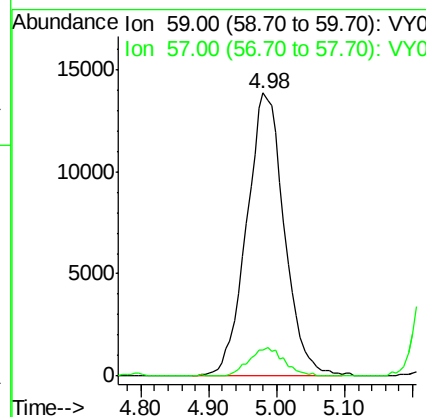
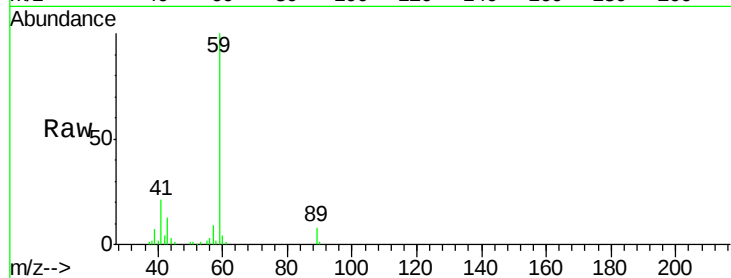
Tert butyl alcohol  
 Concen: 259.148 ug/l  
 RT: 4.98 min Scan# 532  
 Delta R.T. 0.02 min  
 Lab File: VY001266.D  
 Acq: 17 Jan 2020 15:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.5   | 7.8   | 11.8  |

Manual Integrations  
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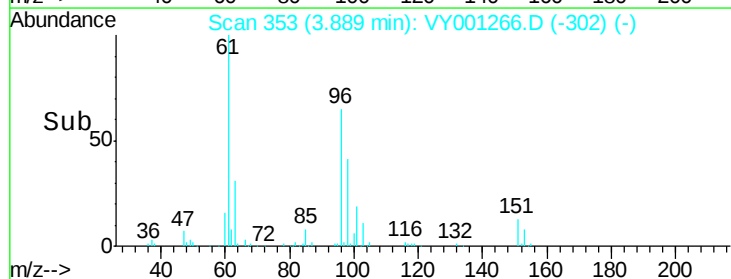
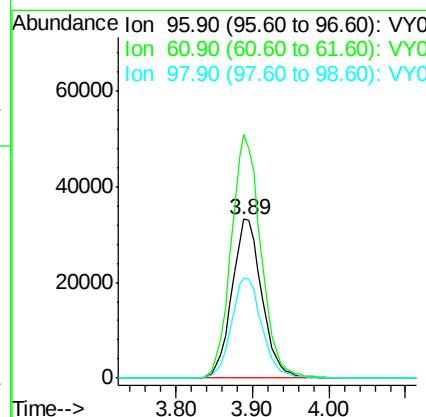
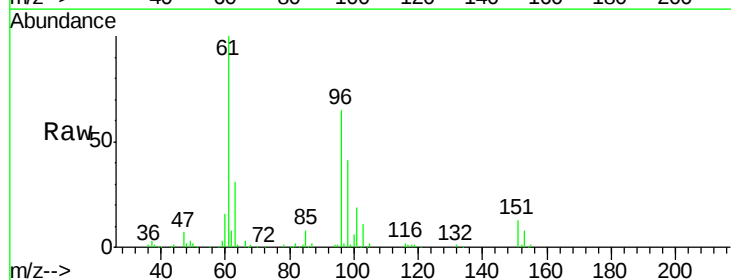
MMDadoda  
 1/20/2020 11:06:39 AM

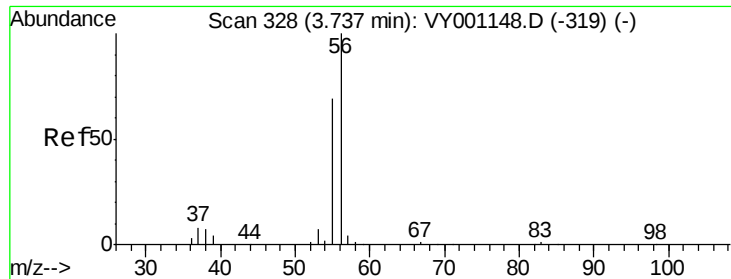


#12

1,1-Dichloroethene  
 Concen: 45.165 ug/l  
 RT: 3.89 min Scan# 353  
 Delta R.T. 0.01 min  
 Lab File: VY001266.D  
 Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 153.4 | 122.1 | 183.1 |
| 98      | 63.2  | 51.0  | 76.6  |





#13

Acrolein

Concen: 287.974 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.02 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 53529

Ion Ratio Lower Upper

56 100

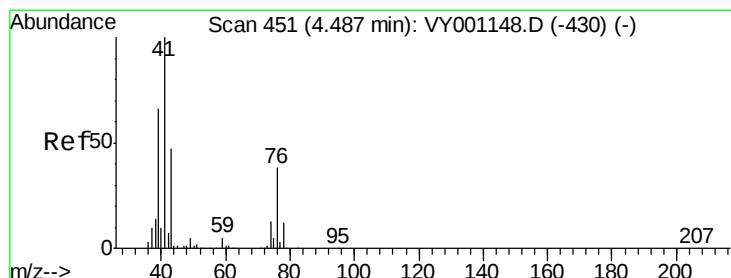
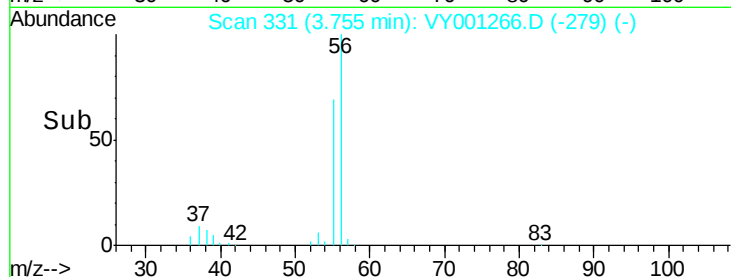
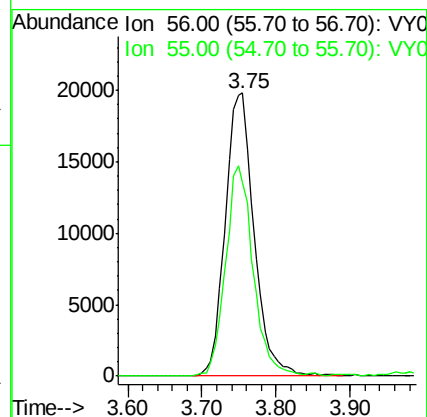
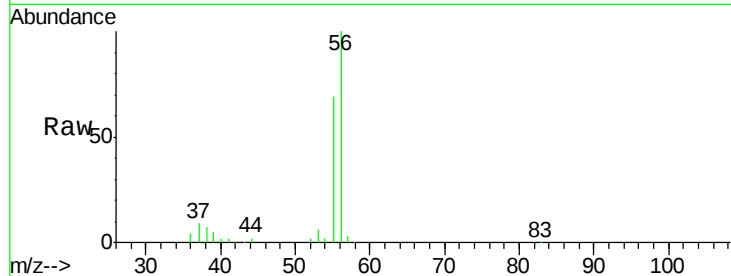
55 70.9 56.7 85.1

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#14

Allyl chloride

Concen: 46.847 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.02 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

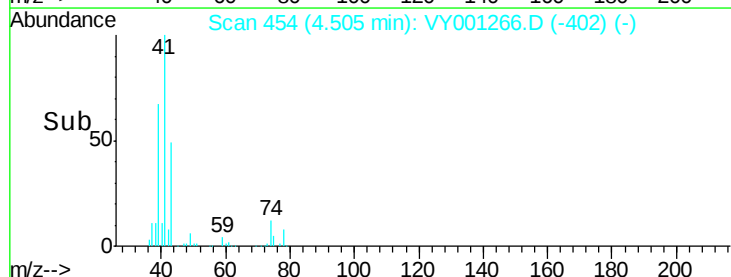
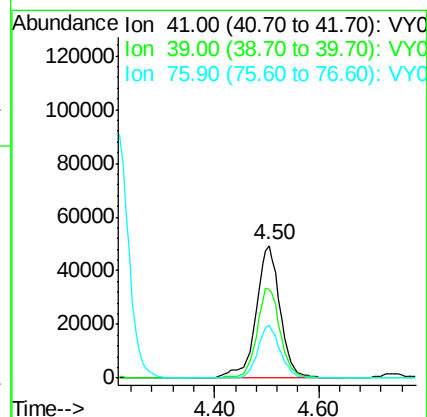
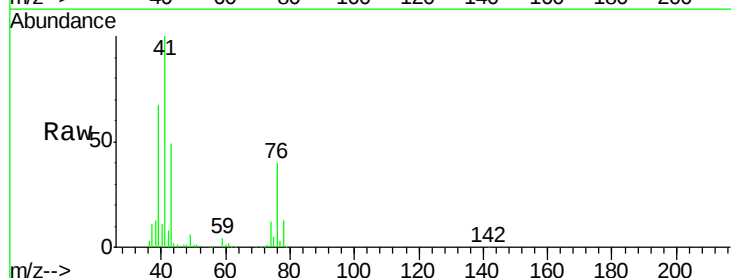
Tgt Ion: 41 Resp: 157054

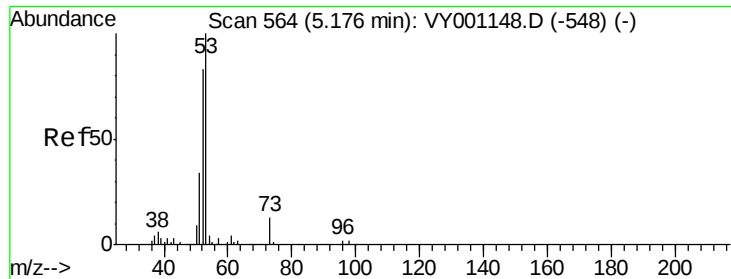
Ion Ratio Lower Upper

41 100

39 65.6 52.6 78.8

76 36.8 30.2 45.2





#15

Acrylonitrile

Concen: 254.521 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.02 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

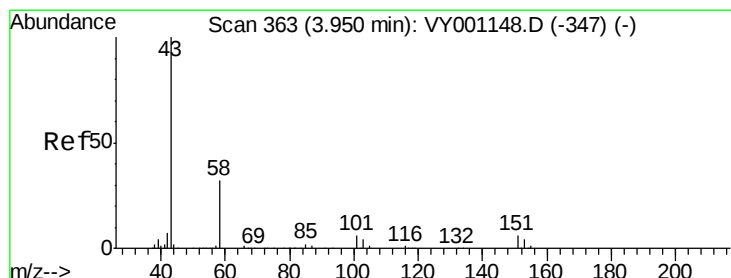
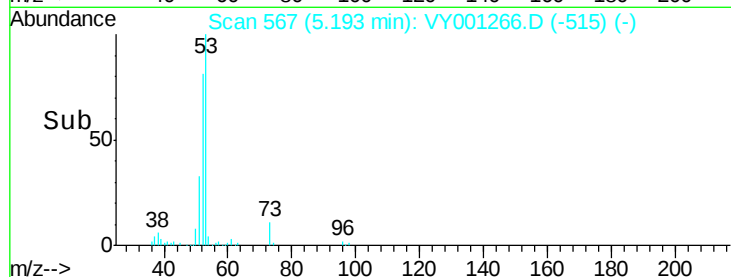
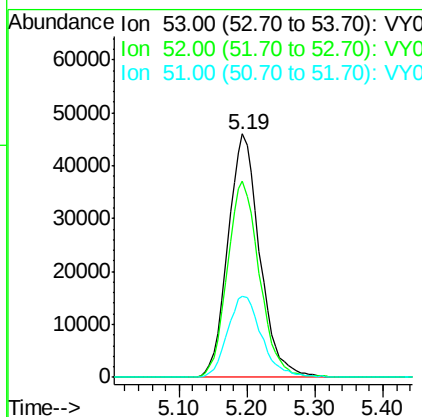
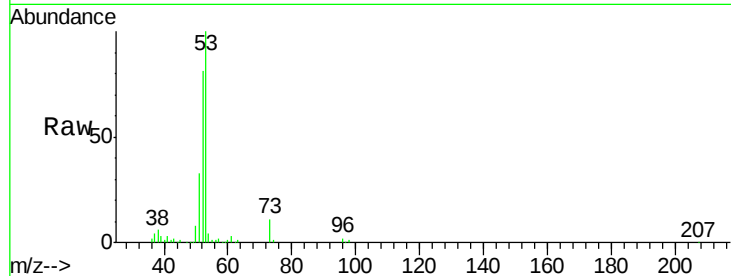
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 149190 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 81.4  | 65.7  | 98.5   |
| 51       | 35.9  | 28.7  | 43.1   |

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#16

Acetone

Concen: 292.531 ug/l

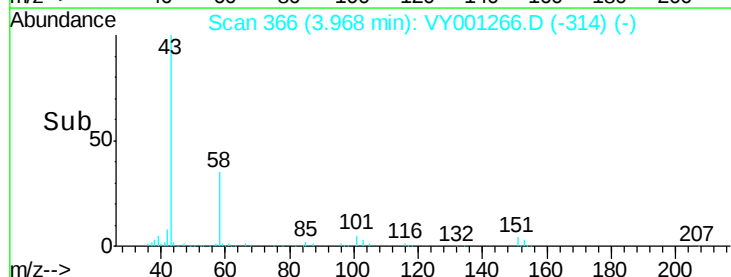
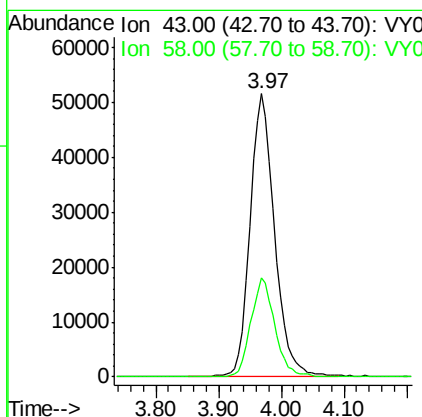
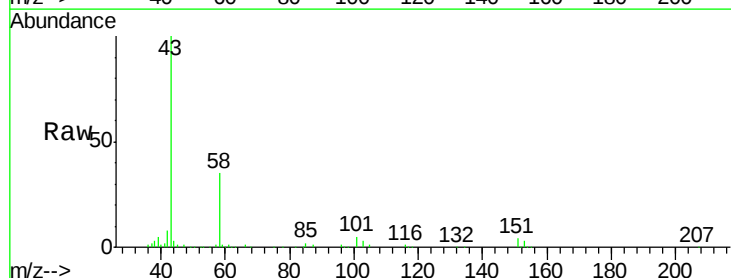
RT: 3.97 min Scan# 366

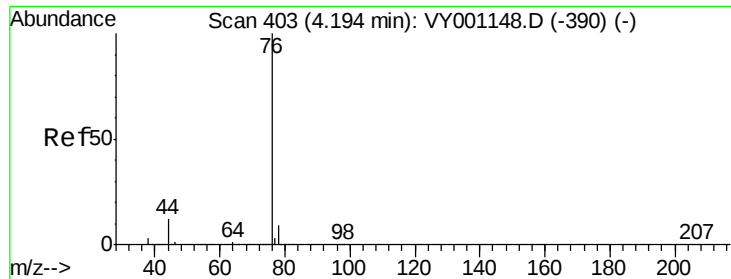
Delta R.T. 0.02 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 139421 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 34.8  | 25.8  | 38.6   |





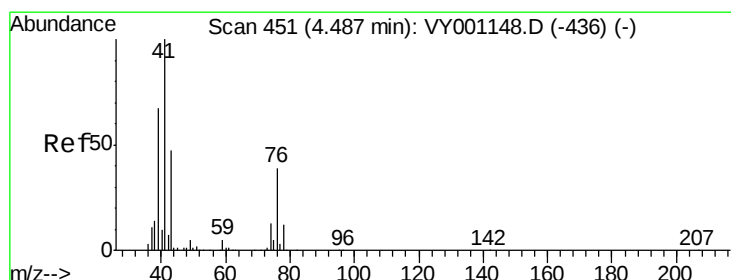
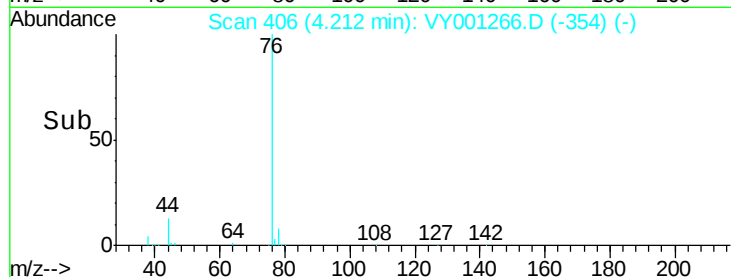
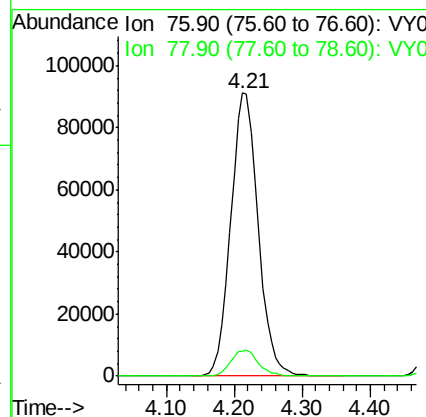
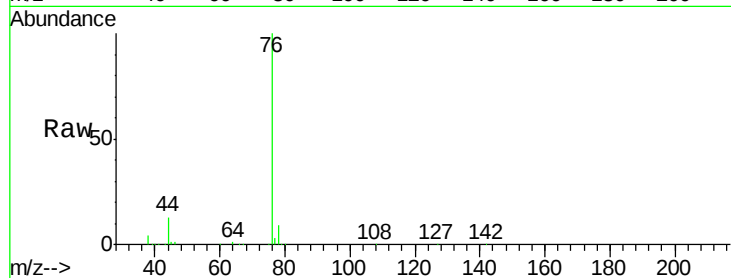
#17  
Carbon Disulfide  
Concen: 39.655 ug/l  
RT: 4.21 min Scan# 406  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.9   | 7.2   | 10.8  |

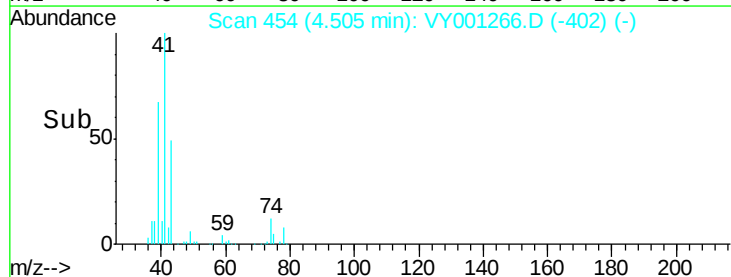
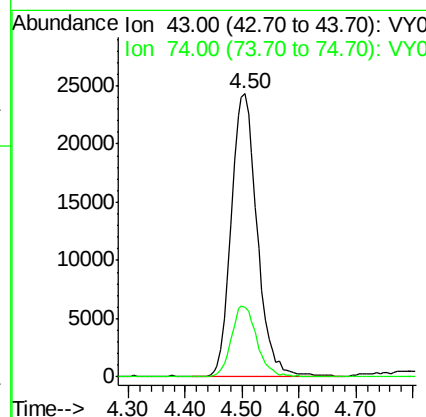
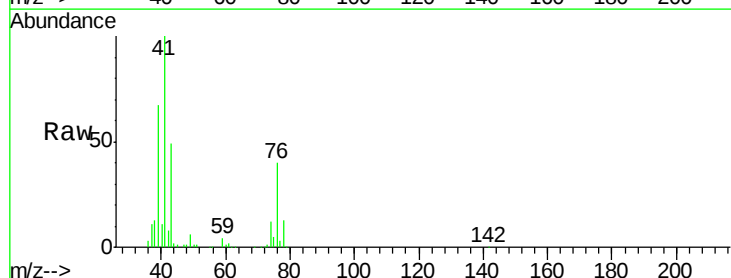
Manual Integrations  
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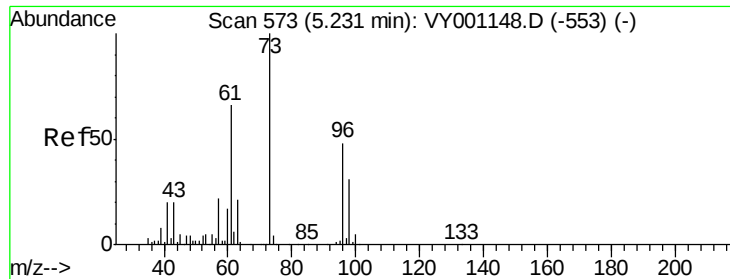
MMDadoda  
1/20/2020 11:06:39 AM



#18  
Methyl Acetate  
Concen: 49.167 ug/l  
RT: 4.50 min Scan# 454  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.5  | 20.2  | 30.2  |





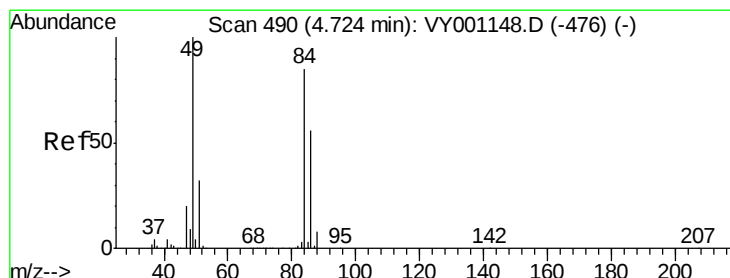
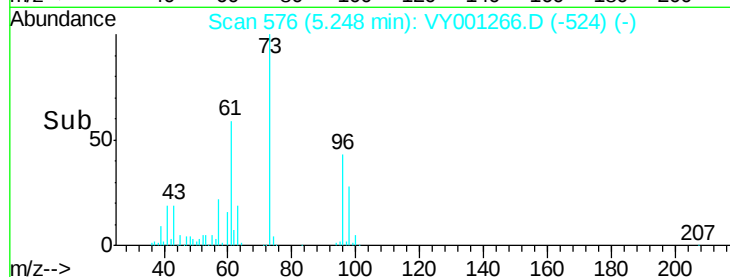
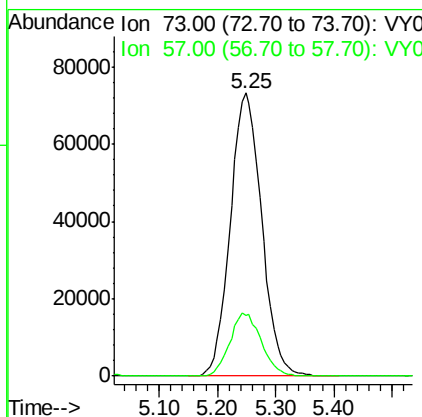
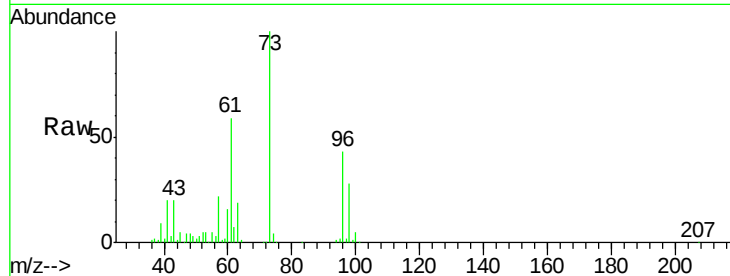
#19  
Methvl tert-butvl Ether  
Concen: 49.788 ug/l  
RT: 5.25 min Scan# 576  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 273559  
Ion Ratio Lower Upper  
73 100  
57 21.6 17.8 26.6

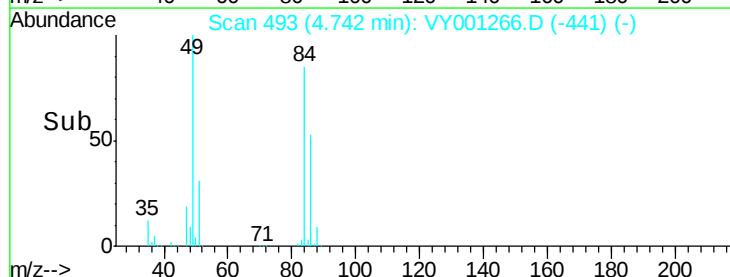
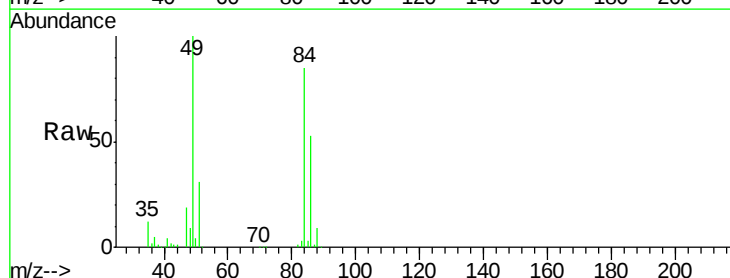
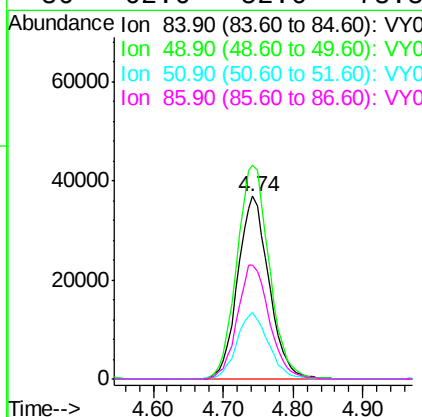
Manual Integrations  
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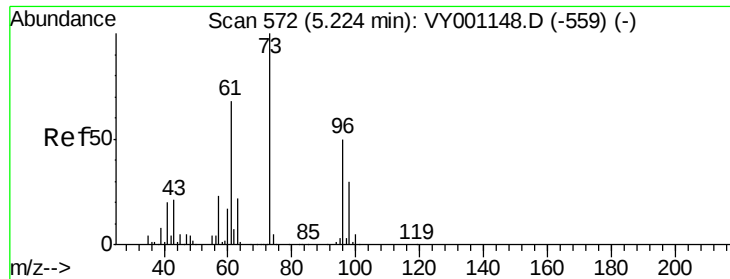
MMDadoda  
1/20/2020 11:06:39 AM



#20  
Methylene Chloride  
Concen: 51.633 ug/l  
RT: 4.74 min Scan# 493  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Tgt Ion: 84 Resp: 114279  
Ion Ratio Lower Upper  
84 100  
49 117.1 93.8 140.6  
51 36.4 29.9 44.9  
86 62.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 46.169 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.02 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

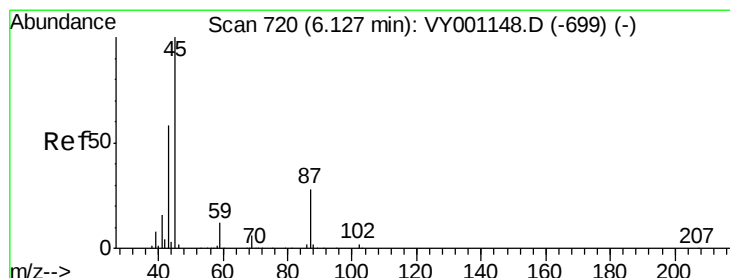
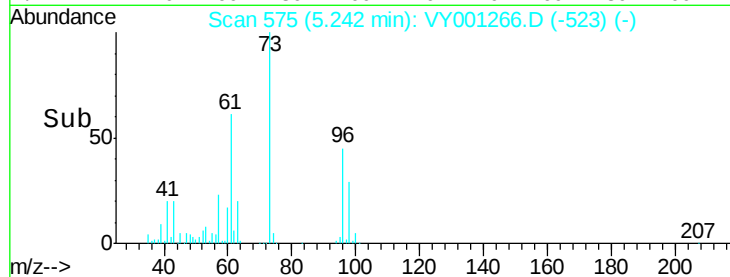
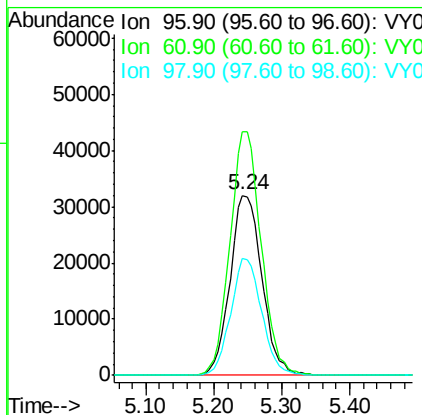
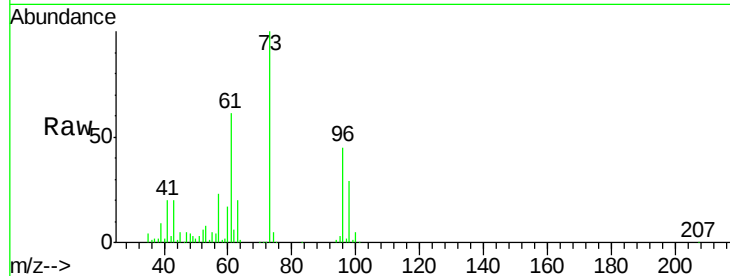
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 103987 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 135.2 | 107.6 | 161.4  |
| 98       | 64.6  | 47.6  | 71.4   |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 50.146 ug/l

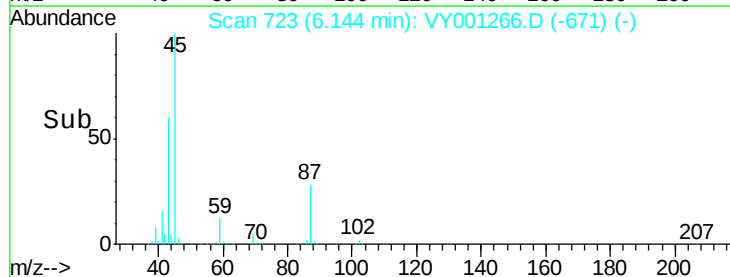
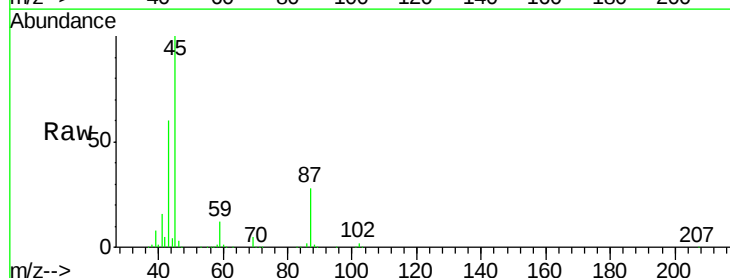
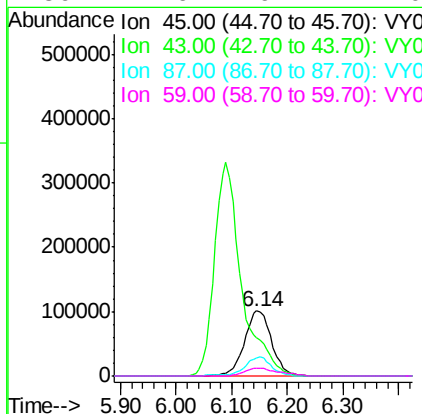
RT: 6.14 min Scan# 723

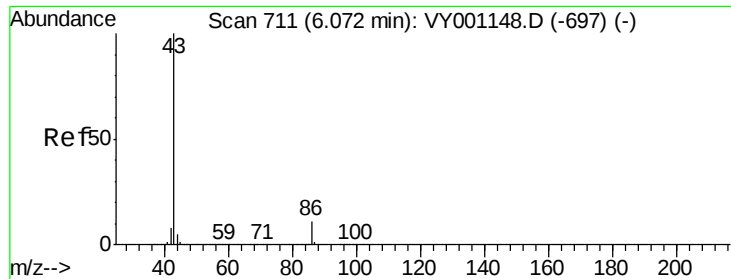
Delta R.T. 0.02 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 343367 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 59.6  | 46.5  | 69.7   |
| 87       | 28.4  | 22.5  | 33.7   |
| 59       | 11.6  | 9.4   | 14.0   |





#23

Vinyl Acetate

Concen: 255.813 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.02 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1120245

Ion Ratio Lower Upper

43 100

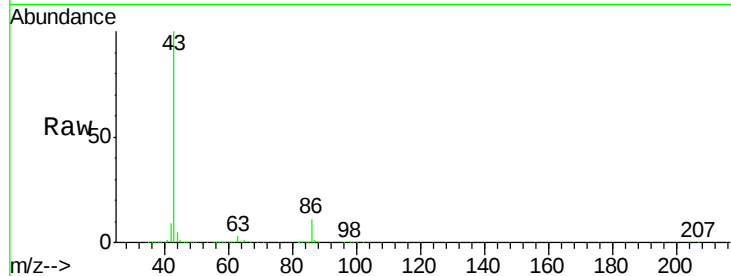
86 11.0 9.0 13.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.09

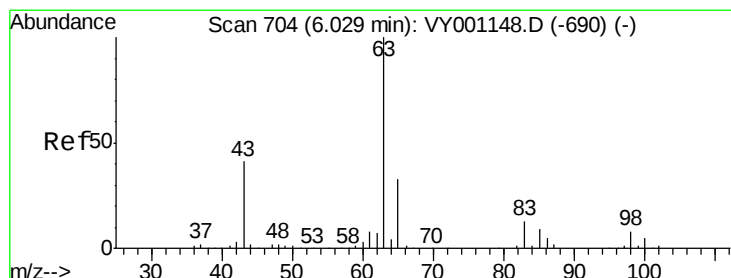
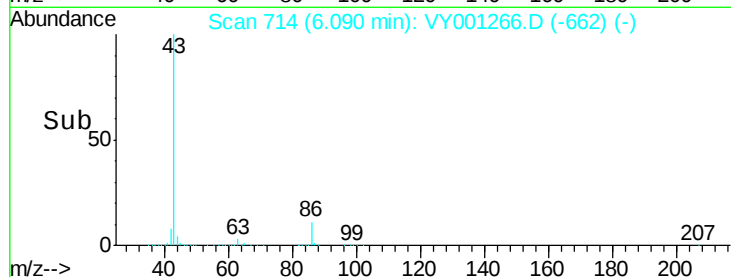
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.327 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.02 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

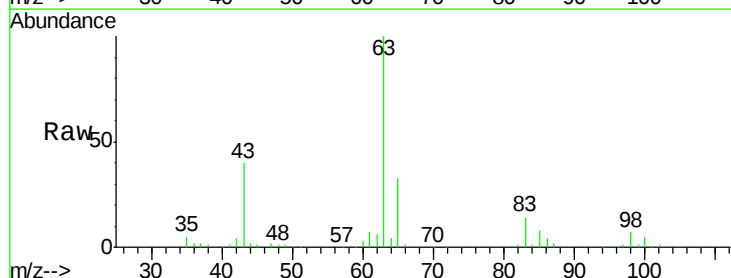
Tgt Ion: 63 Resp: 184907

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

100 4.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.05

80000

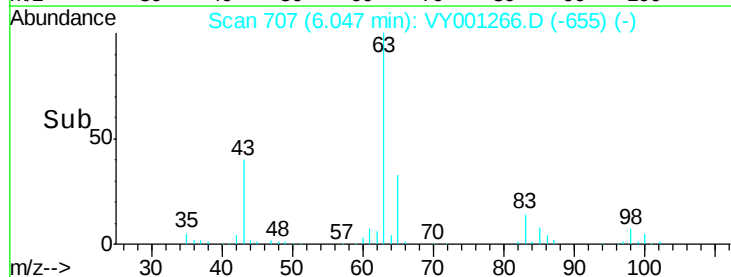
60000

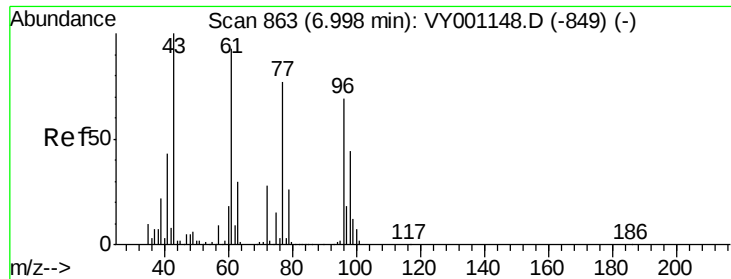
40000

20000

0

Time-->





#25

2-Butanone

Concen: 279.342 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.02 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 207205

Ion Ratio Lower Upper

43 100

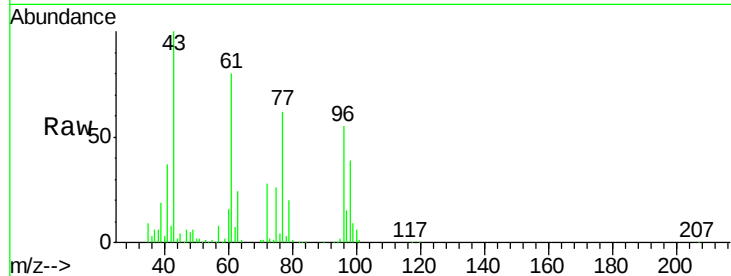
72 27.7 22.2 33.2

Manual Integrations

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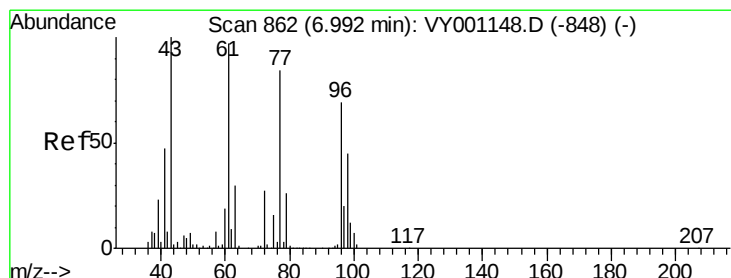
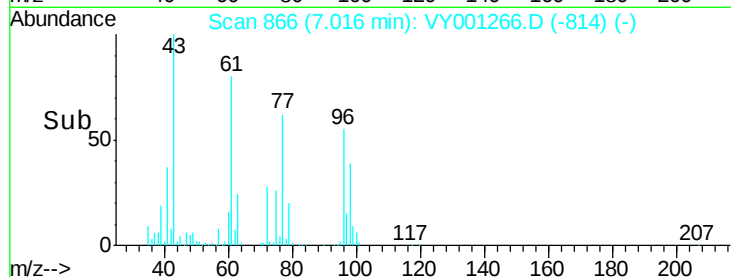
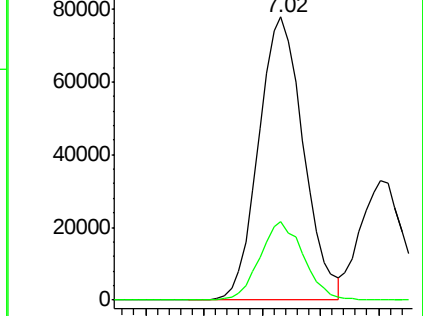
MMDadoda

1/20/2020 11:06:39 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 46.440 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.02 min

Lab File: VY001266.D

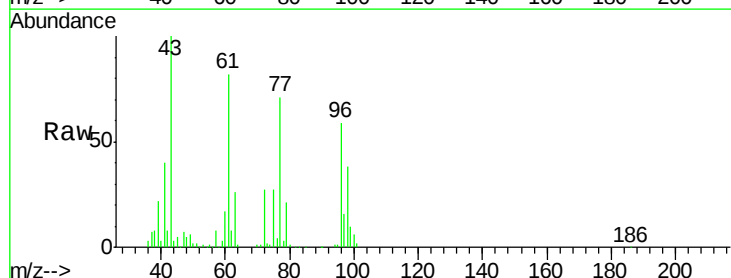
Acq: 17 Jan 2020 15:25

Tgt Ion: 77 Resp: 160087

Ion Ratio Lower Upper

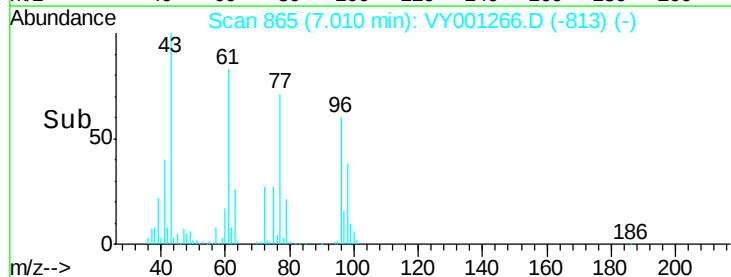
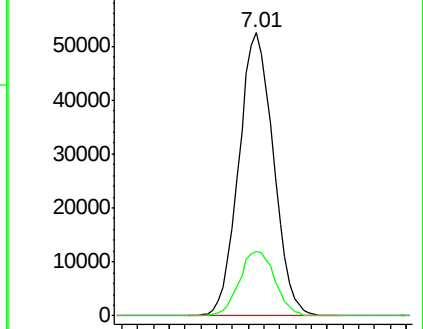
77 100

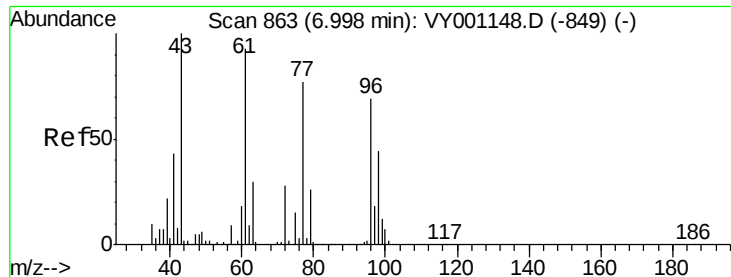
97 23.5 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

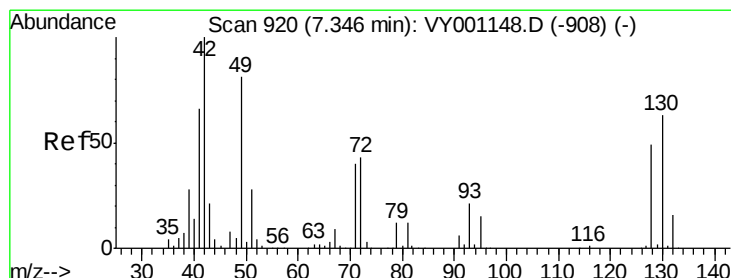
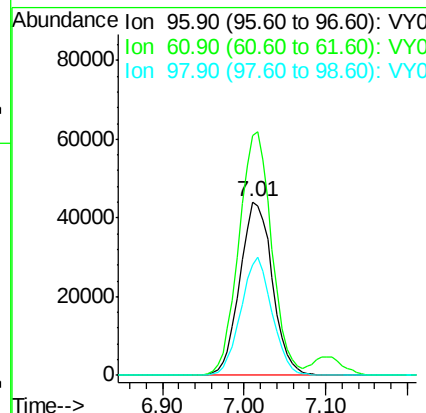
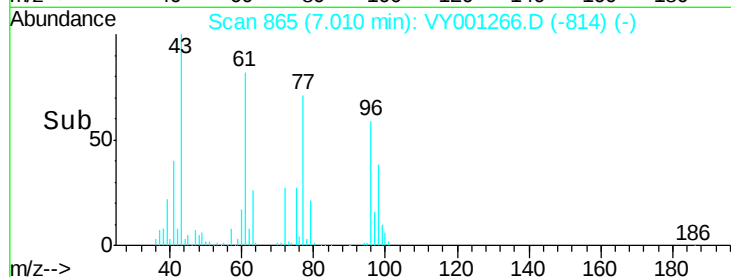
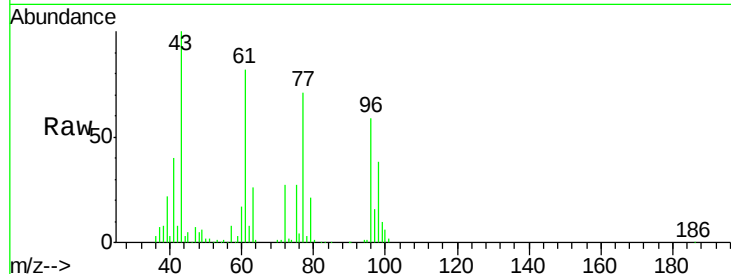
cis-1,2-Dichloroethene  
Concen: 49.349 ug/l  
RT: 7.01 min Scan# 865  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 121791 |       |       |
| 61      | 141.2 | 0.0    | 284.0 |       |
| 98      | 65.1  | 0.0    | 130.2 |       |

Manual Integrations  
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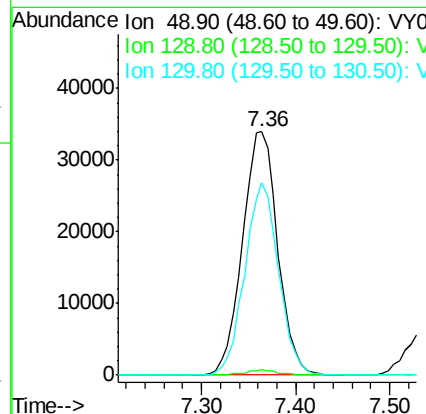
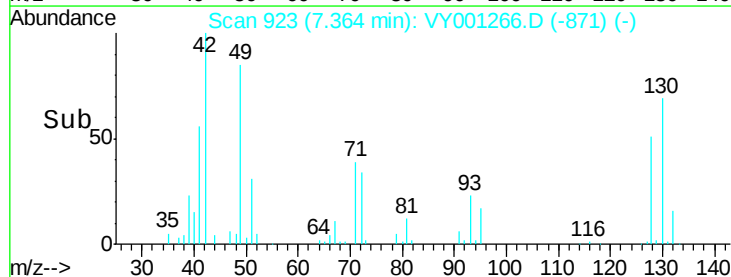
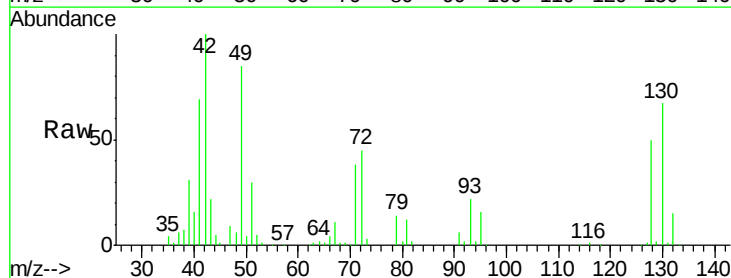
MMDadoda  
1/20/2020 11:06:39 AM

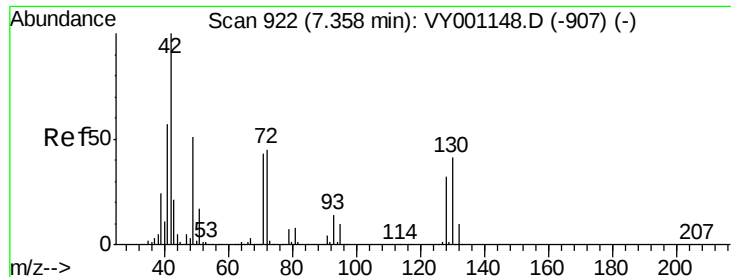


#28

Bromochloromethane  
Concen: 57.679 ug/l  
RT: 7.36 min Scan# 923  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 88788 |       |       |
| 129     | 2.0   | 0.0   | 4.4   |       |
| 130     | 76.0  | 61.2  | 91.8  |       |





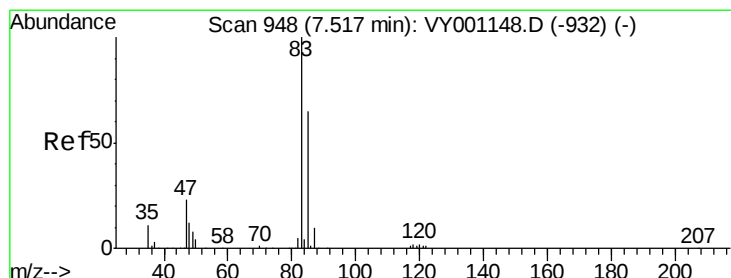
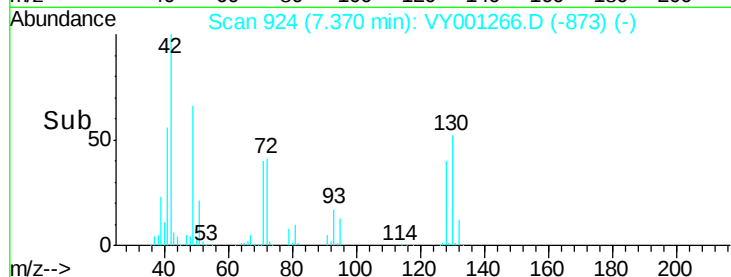
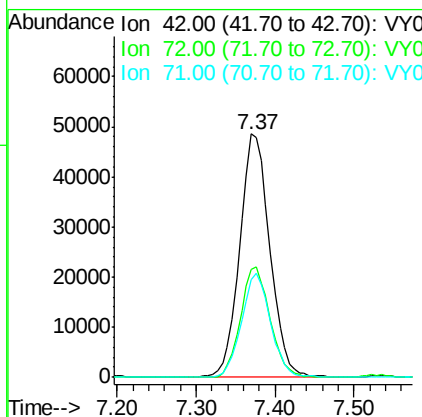
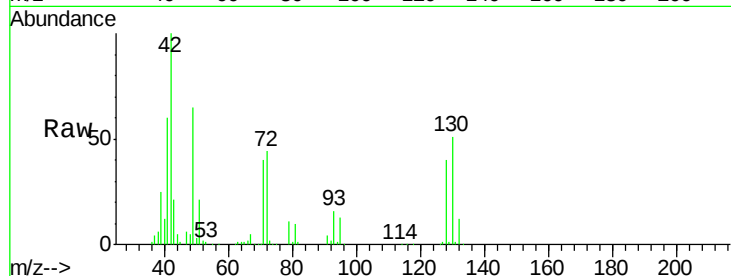
#29  
Tetrahydrofuran  
Concen: 254.352 ug/l  
RT: 7.37 min Scan# 924  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.2  | 36.9  | 55.3  |
| 71      | 41.0  | 34.0  | 51.0  |

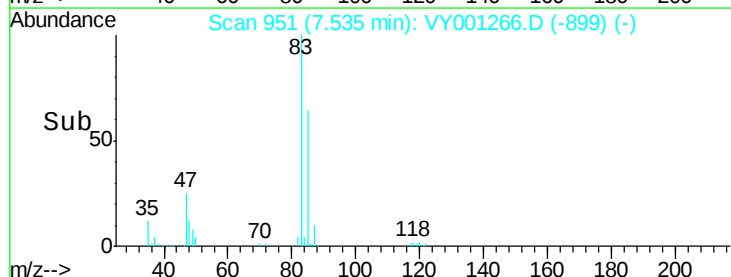
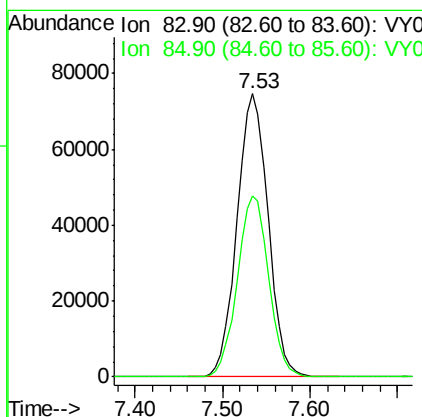
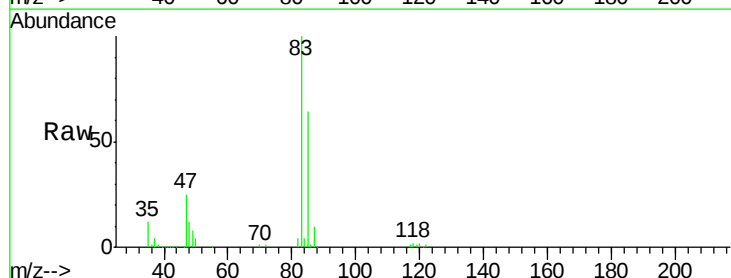
Manual Integrations  
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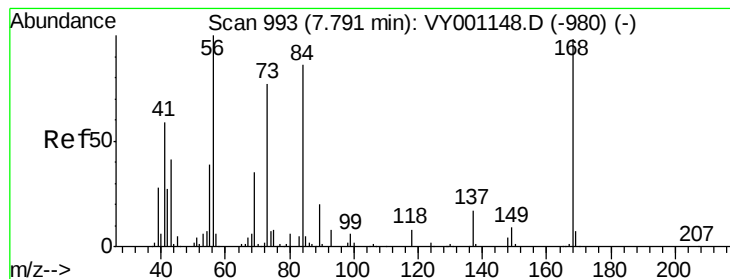
MMDadoda  
1/20/2020 11:06:39 AM



#30  
Chloroform  
Concen: 50.124 ug/l  
RT: 7.53 min Scan# 951  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.9  | 51.9  | 77.9  |





#31

Cyclohexane

Concen: 40.832 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.02 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 162063

Ion Ratio Lower Upper

56 100

69 35.4 27.8 41.8

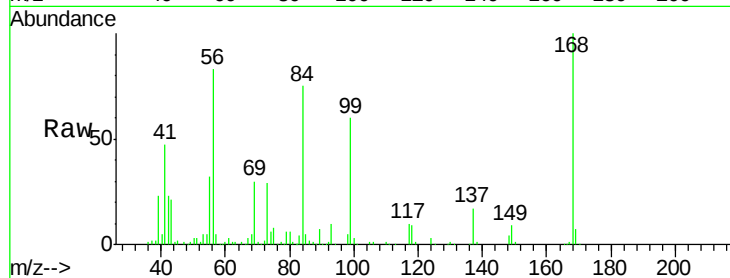
84 88.9 68.9 103.3

Manual Integrations

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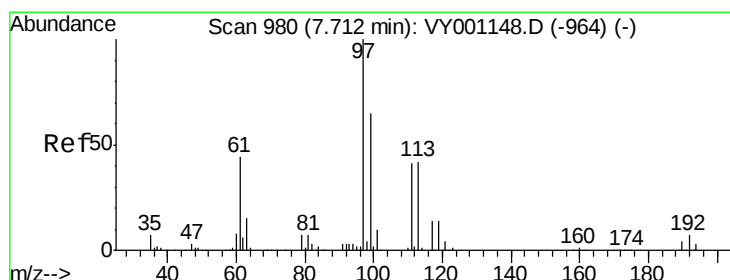
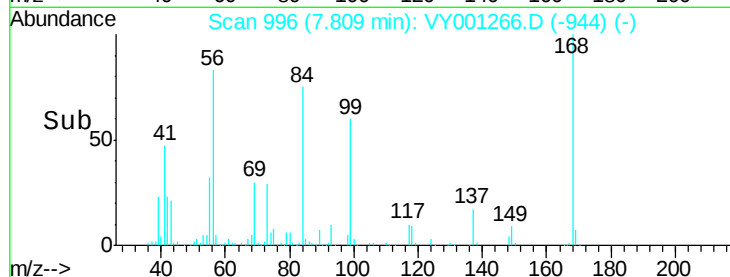
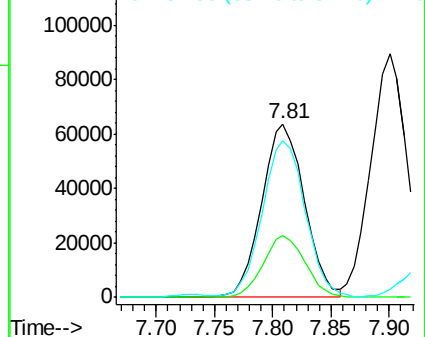


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 46.709 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.02 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

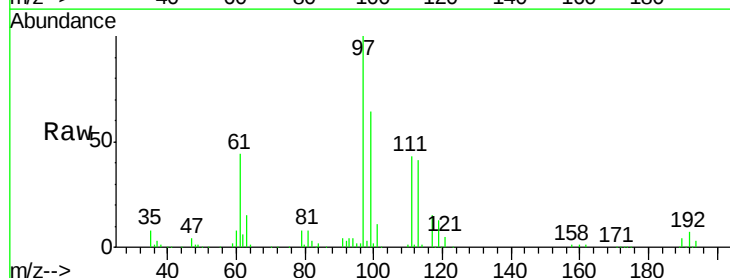
Tgt Ion: 97 Resp: 152225

Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 44.2 34.6 52.0

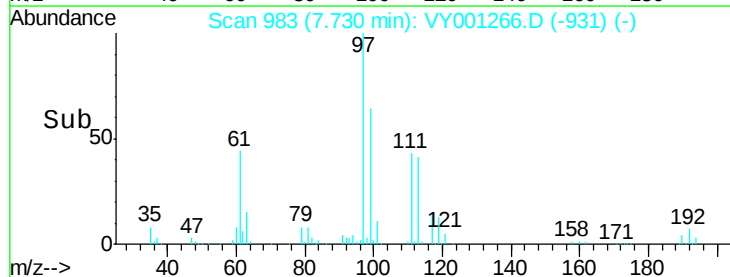
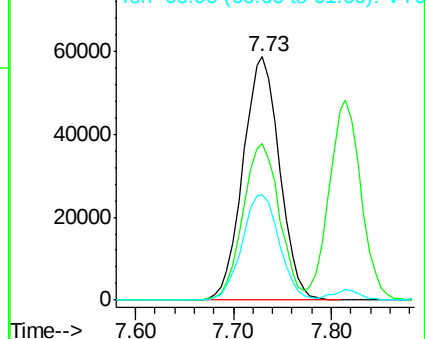


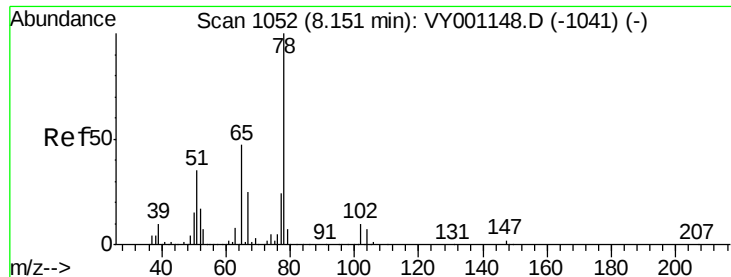
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





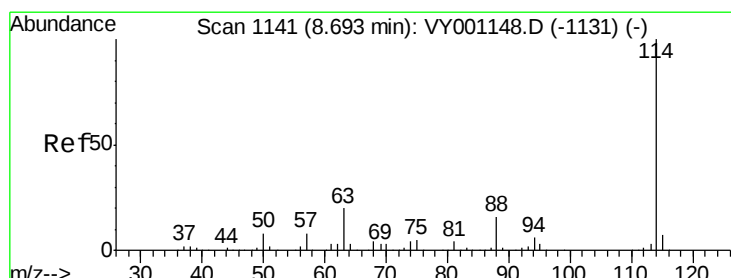
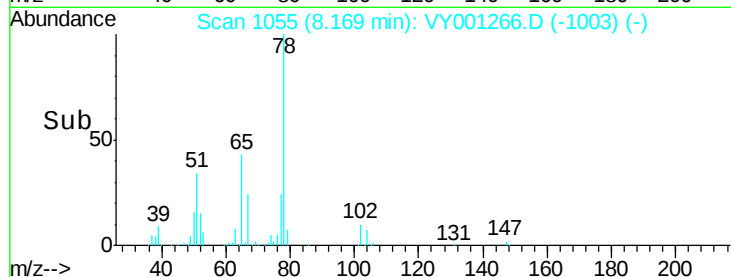
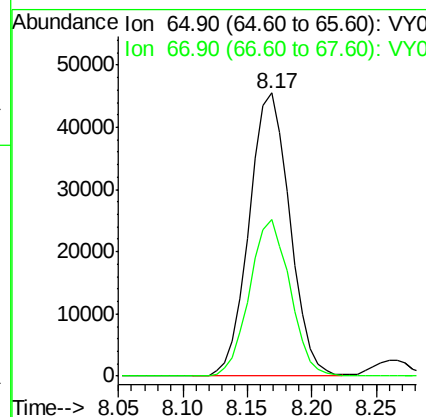
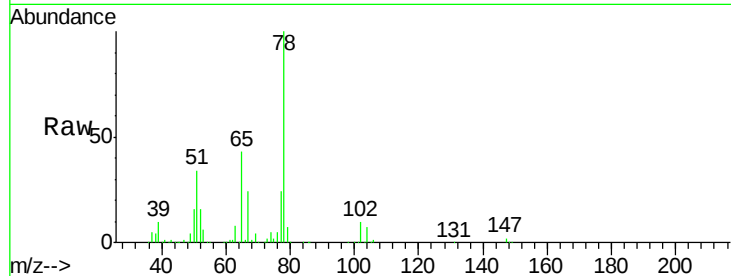
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.383 ug/l  
 RT: 8.17 min Scan# 1055  
 Delta R.T. 0.02 min  
 Lab File: VY001266.D  
 Acq: 17 Jan 2020 15:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 99291 |       |       |
| 67      | 55.3  | 0.0   | 105.2 |       |

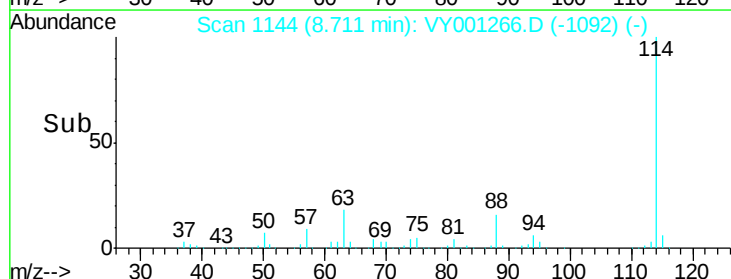
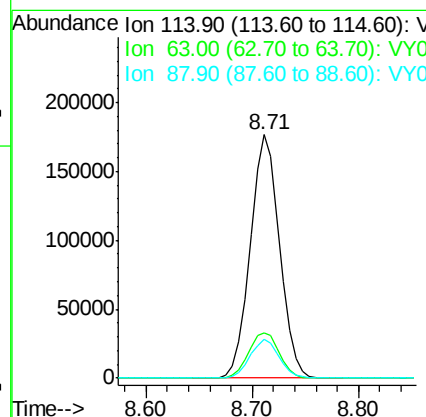
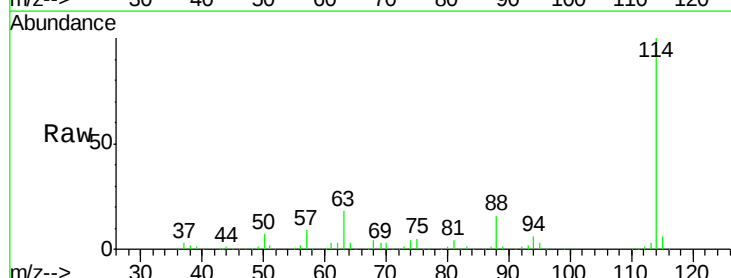
Manual Integrations  
 APPROVED

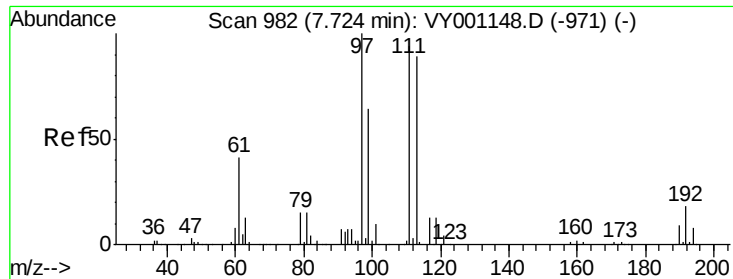
MMDadoda  
 1/20/2020 11:06:39 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.71 min Scan# 1144  
 Delta R.T. 0.02 min  
 Lab File: VY001266.D  
 Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 340647 |       |       |
| 63      | 18.4  | 0.0    | 40.8  |       |
| 88      | 15.7  | 0.0    | 32.4  |       |





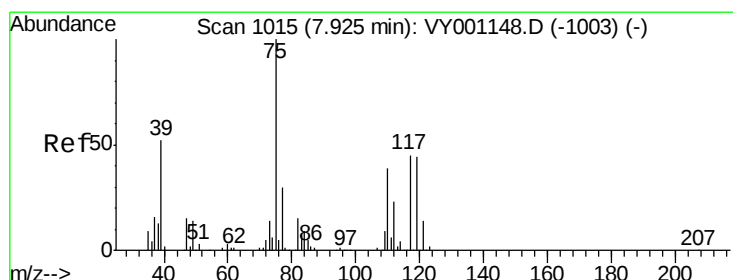
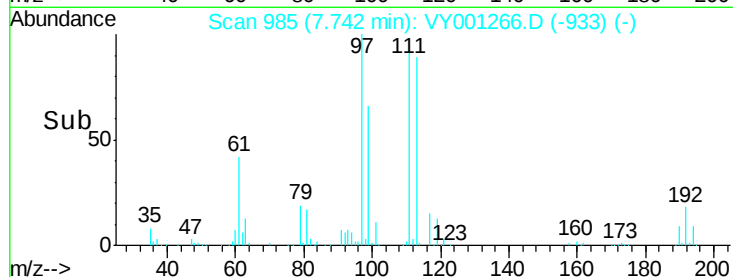
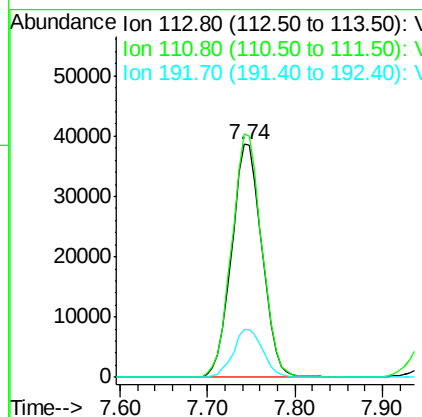
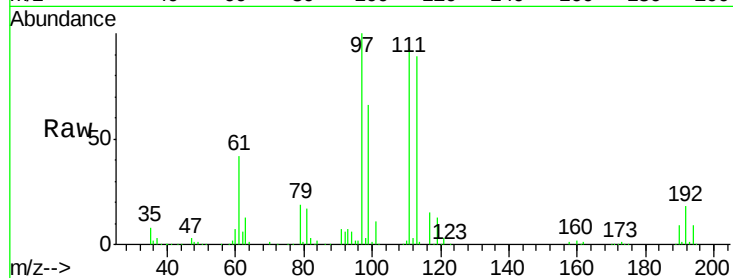
#35  
Dibromofluoromethane  
Concen: 46.771 ug/l  
RT: 7.74 min Scan# 985  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.9 | 82.9  | 124.3 |
| 192     | 20.1  | 15.4  | 23.2  |

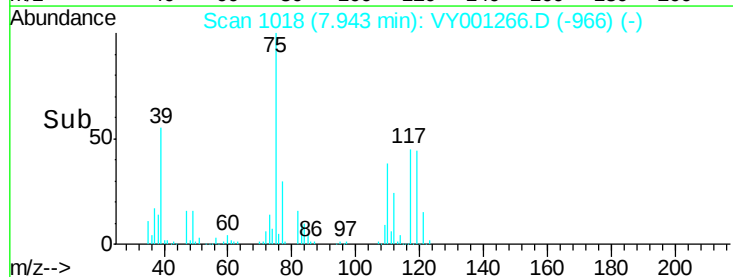
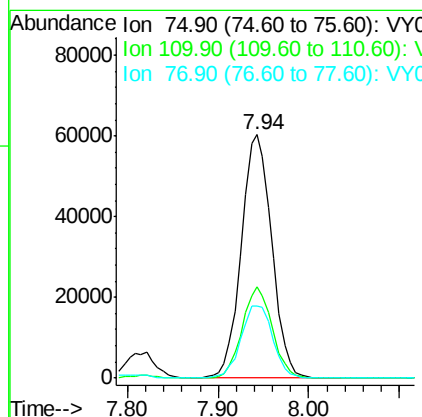
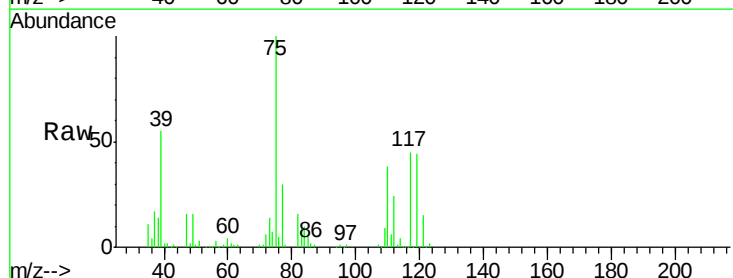
Manual Integrations  
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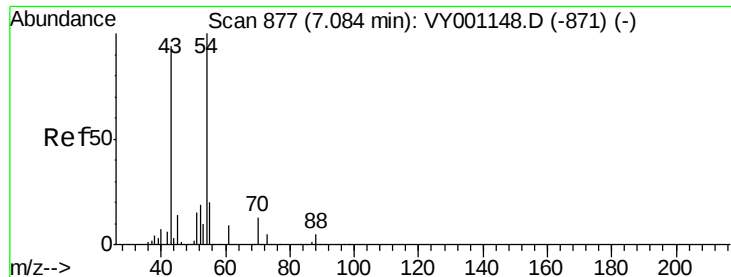
MMDadoda  
1/20/2020 11:06:39 AM



#36  
1,1-Dichloropropene  
Concen: 45.245 ug/l  
RT: 7.94 min Scan# 1018  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.6  | 18.3  | 54.8  |
| 77      | 31.0  | 25.1  | 37.7  |





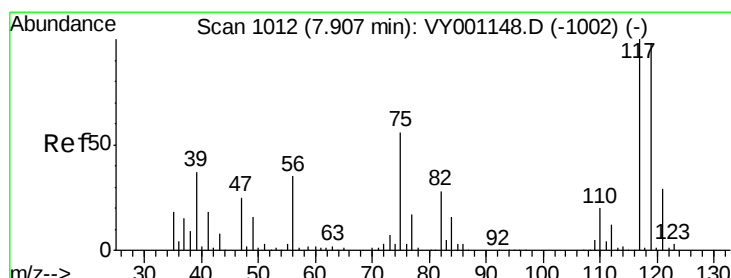
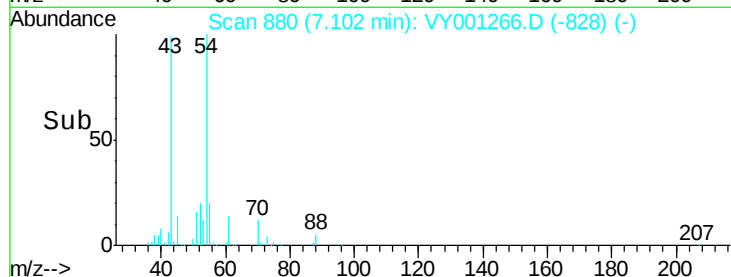
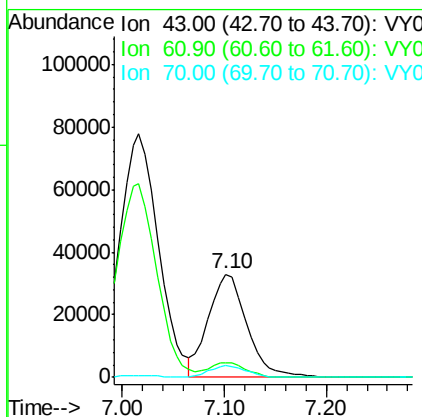
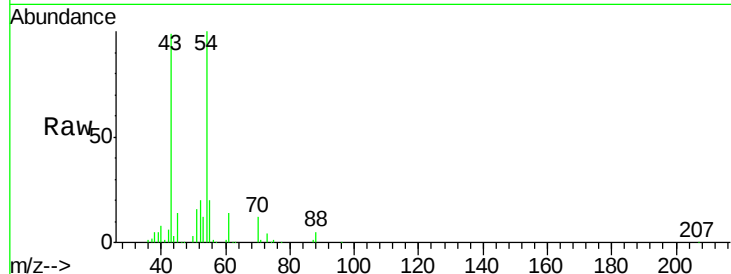
#37  
Ethyl Acetate  
Concen: 47.523 ug/l  
RT: 7.10 min Scan# 880  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.2  | 11.1  | 16.7  |
| 70      | 11.3  | 9.7   | 14.5  |

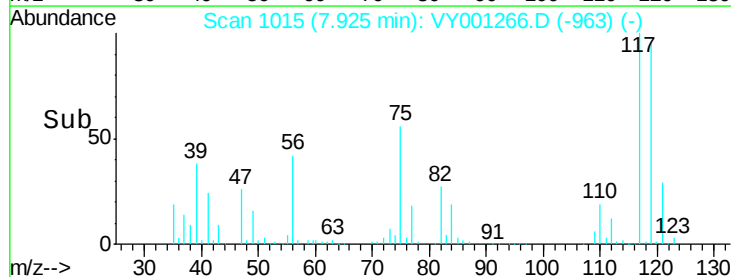
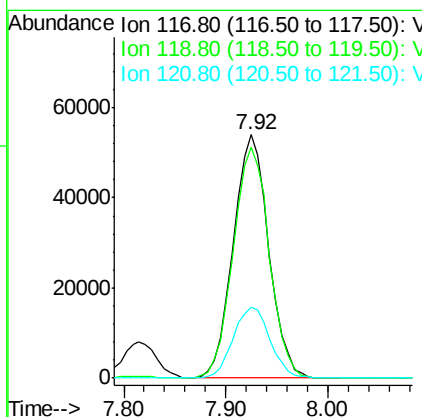
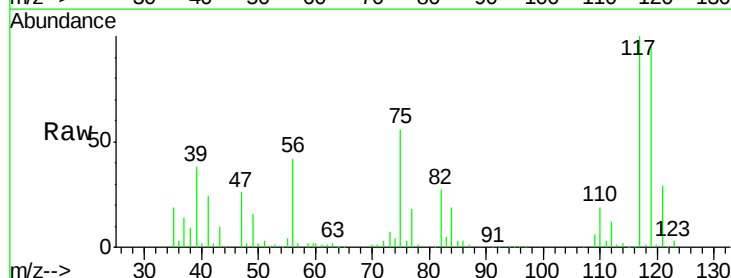
Manual Integrations  
APPROVED

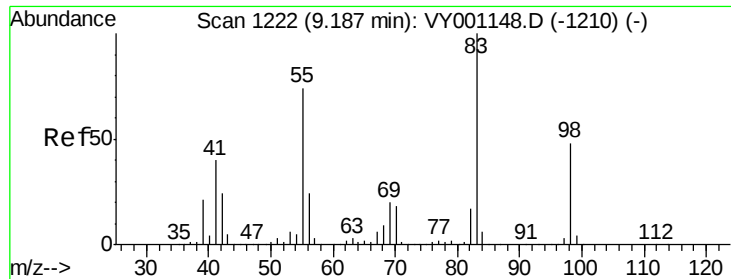
MMDadoda  
1/20/2020 11:06:39 AM



#38  
Carbon Tetrachloride  
Concen: 45.645 ug/l  
RT: 7.92 min Scan# 1015  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.7  | 78.3  | 117.5 |
| 121     | 29.3  | 23.5  | 35.3  |





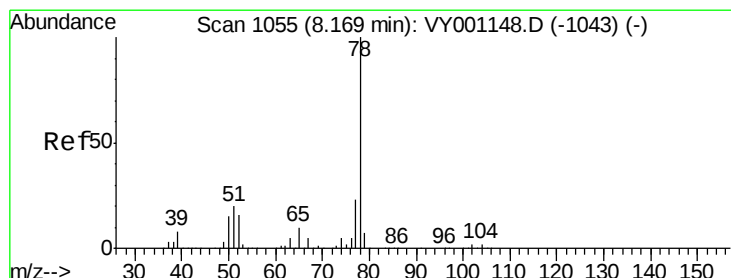
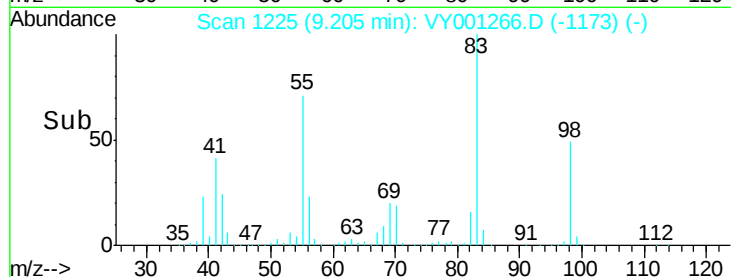
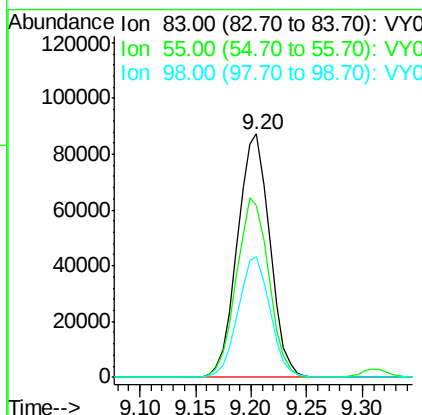
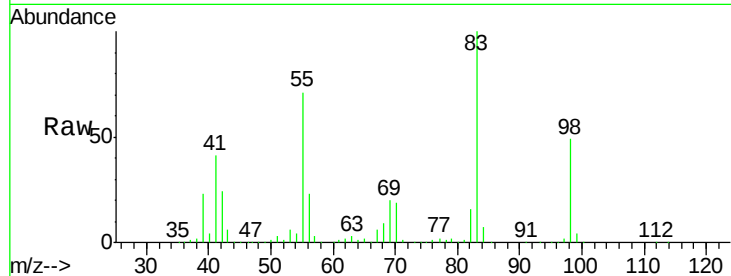
#39  
Methylvlcvclohexane  
Concen: 41.911 ug/l  
RT: 9.20 min Scan# 1225  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 70.6  | 58.9  | 88.3  |
| 98      | 49.3  | 38.4  | 57.6  |

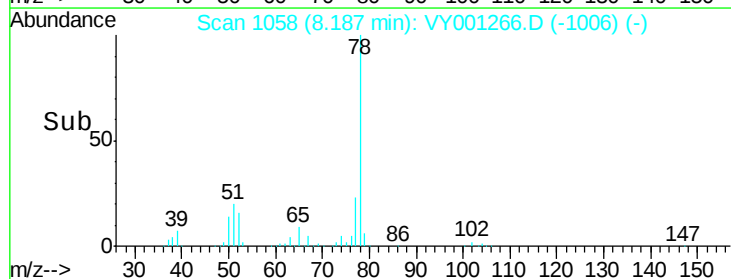
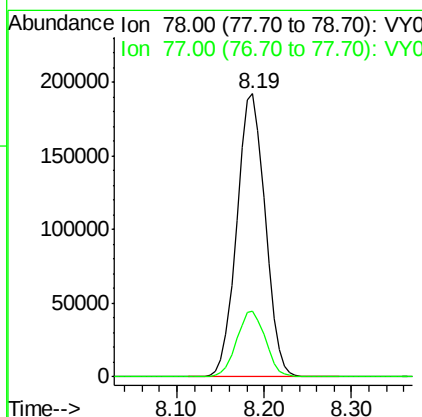
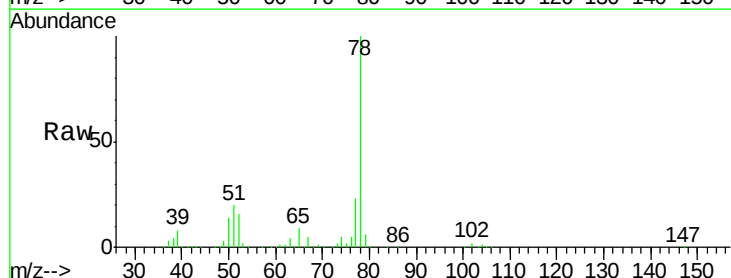
Manual Integrations  
APPROVED

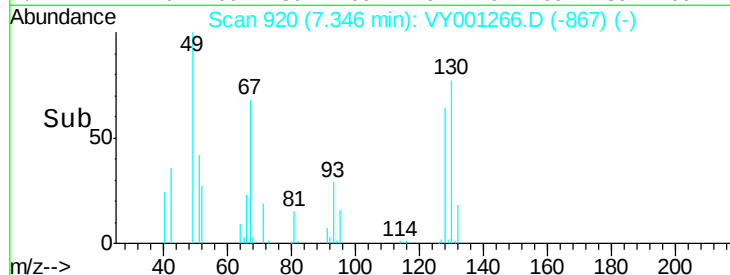
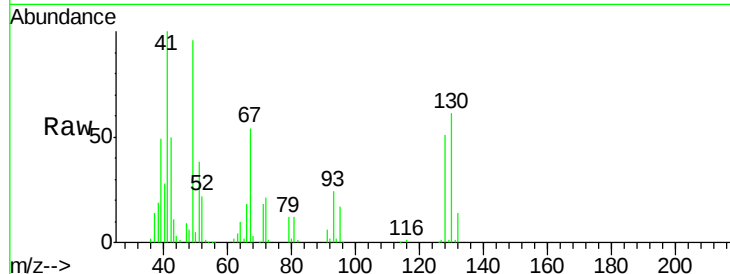
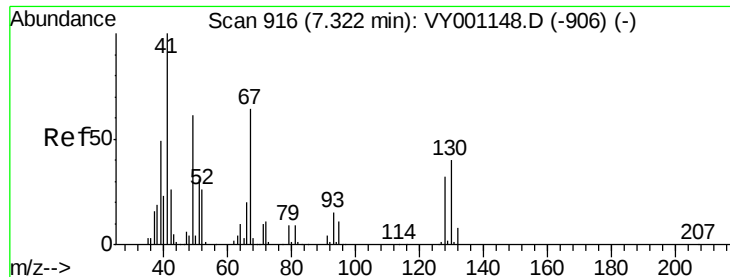
MMDadoda  
1/20/2020 11:06:39 AM



#40  
Benzene  
Concen: 47.971 ug/l  
RT: 8.19 min Scan# 1058  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

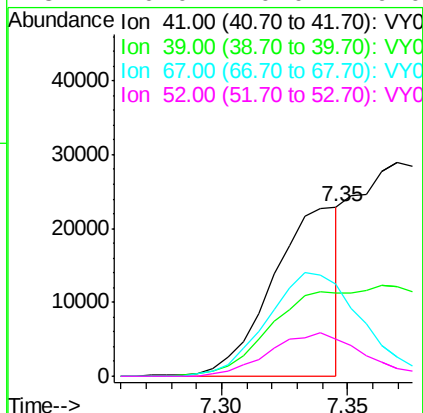
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.2  | 18.8  | 28.2  |





#41  
Methacrylonitrile  
Concen: 49.635 ug/l m  
RT: 7.35 min Scan# 920  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

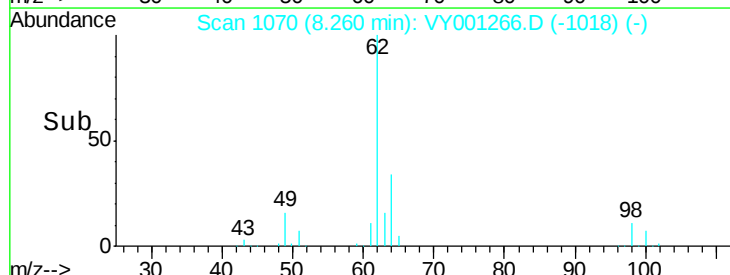
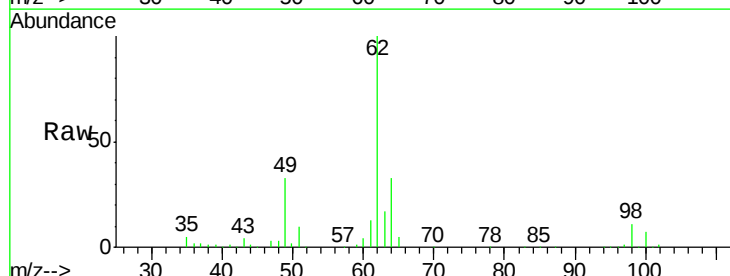
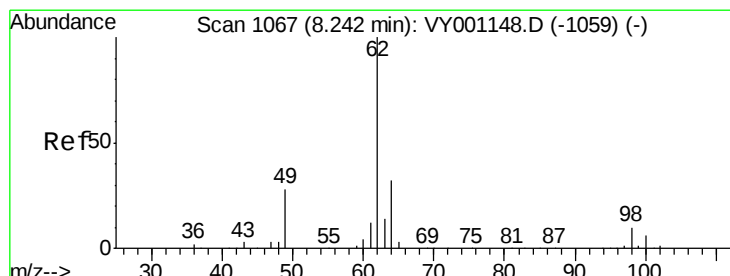
| Tot Ion | 41    | Resp  | 42484 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 131.1 | 103.5 | 155.3 |
| 67      | 0.0   | 0.0   | 0.0   |
| 52      | 0.0   | 0.0   | 0.0   |



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

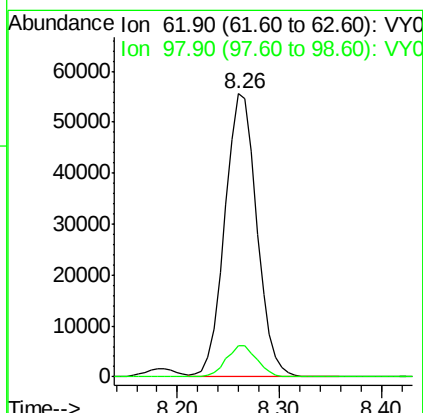
Manual Integrations  
APPROVED

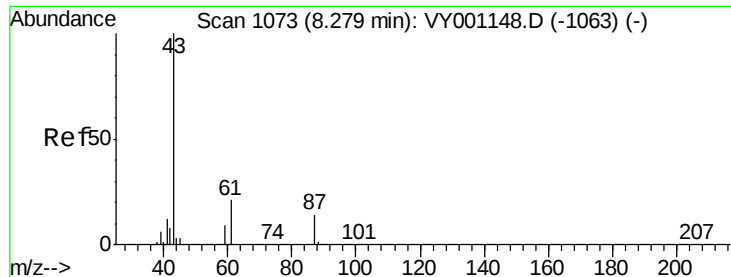
MMDadoda  
1/20/2020 11:06:39 AM



#42  
1,2-Dichloroethane  
Concen: 47.624 ug/l  
RT: 8.26 min Scan# 1070  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

| Tgt Ion | 62    | Resp  | 120859 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 62      | 100   |       |        |
| 98      | 10.6  | 0.0   | 20.4   |





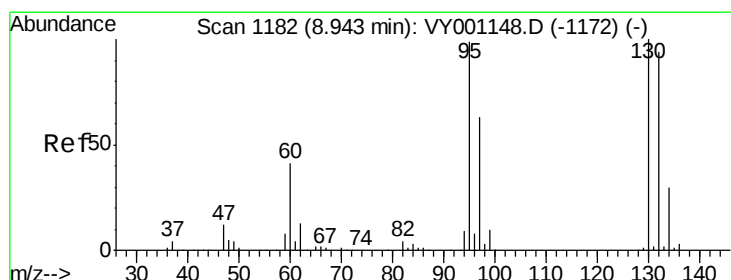
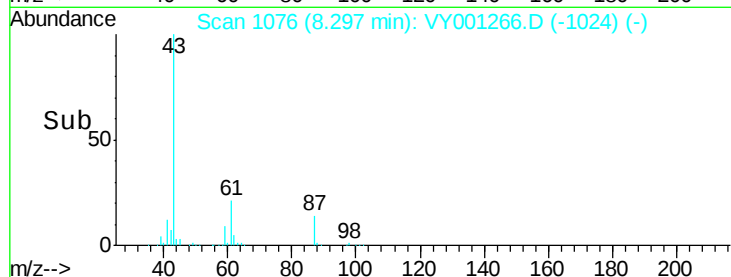
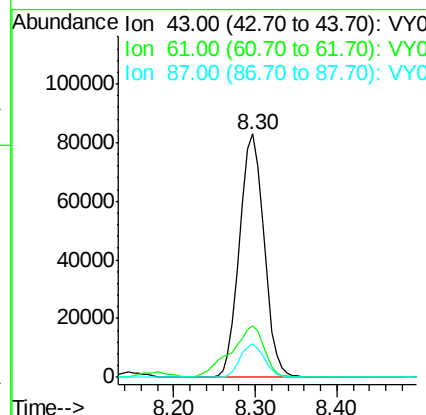
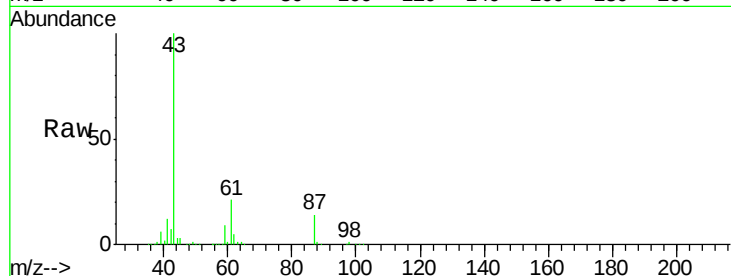
#43  
Isopropyl Acetate  
Concen: 49.309 ug/l  
RT: 8.30 min Scan# 1076  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 28.8  | 23.9  | 35.9  |
| 87      | 13.4  | 11.4  | 17.2  |

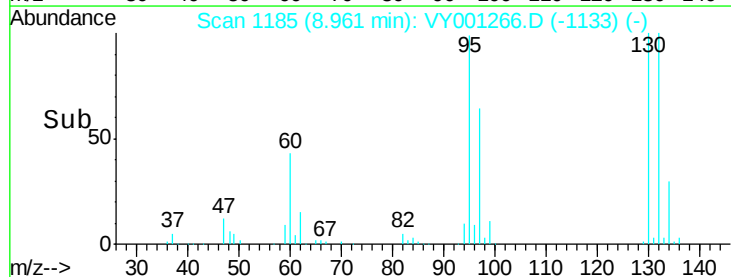
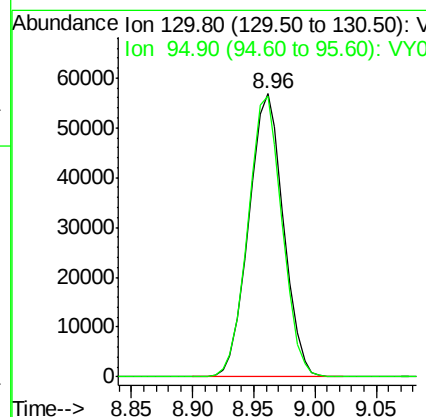
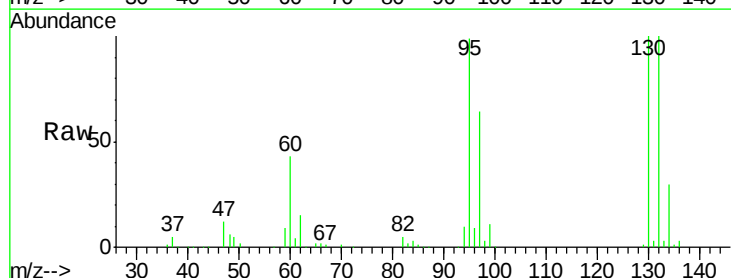
Manual Integrations  
APPROVED

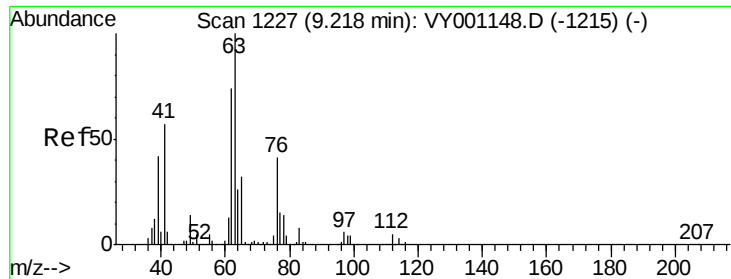
MMDadoda  
1/20/2020 11:06:39 AM



#44  
Trichloroethene  
Concen: 47.434 ug/l  
RT: 8.96 min Scan# 1185  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 99.0  | 0.0   | 197.6 |





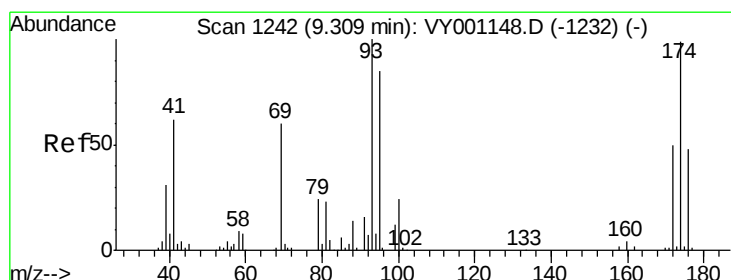
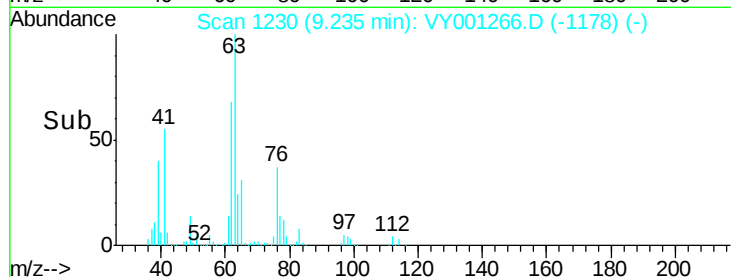
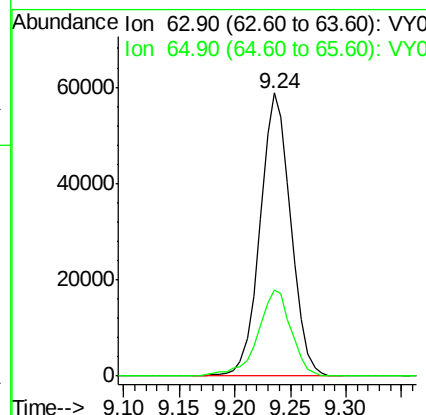
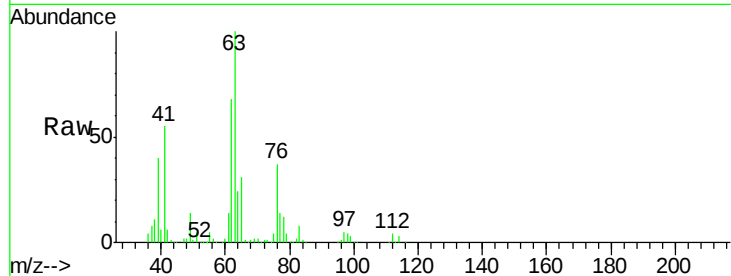
#45  
 1,2-Dichloropropane  
 Concen: 50.215 ug/l  
 RT: 9.24 min Scan# 1230  
 Delta R.T. 0.02 min  
 Lab File: VY001266.D  
 Acq: 17 Jan 2020 15:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.7  | 25.8  | 38.8  |

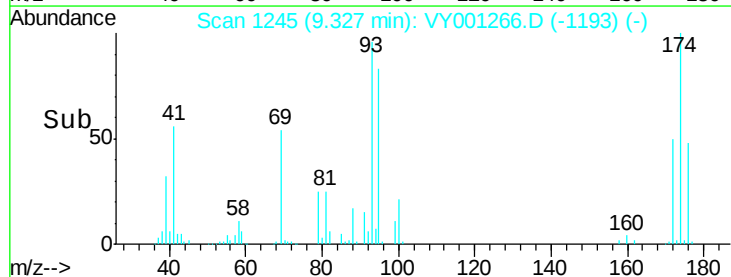
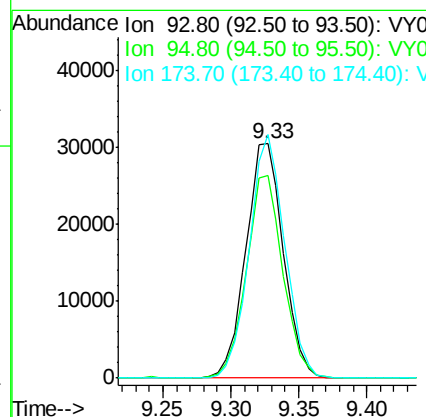
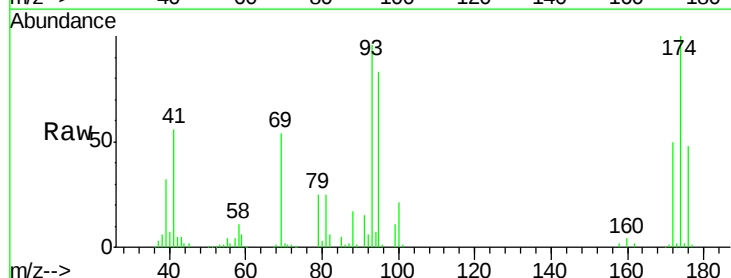
Manual Integrations  
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#46  
 Dibromomethane  
 Concen: 47.991 ug/l  
 RT: 9.33 min Scan# 1245  
 Delta R.T. 0.02 min  
 Lab File: VY001266.D  
 Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 84.3  | 66.8  | 100.2 |
| 174     | 98.8  | 78.4  | 117.6 |





#47

Bromodichloromethane

Concen: 49.118 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.02 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

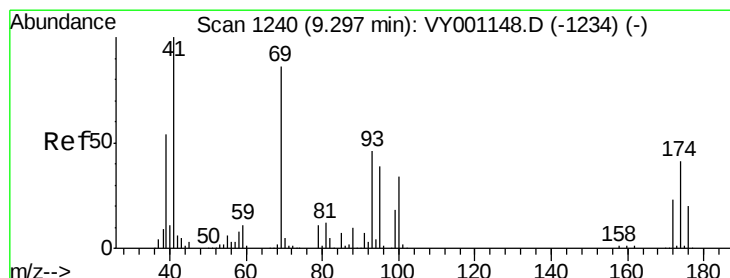
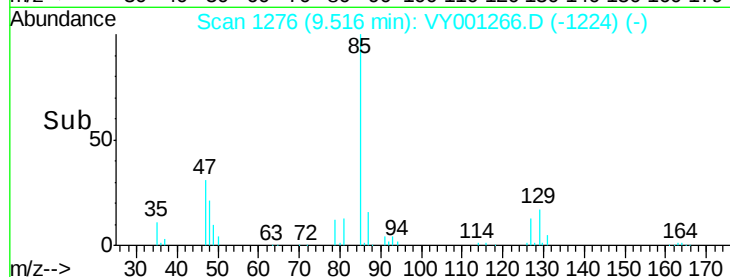
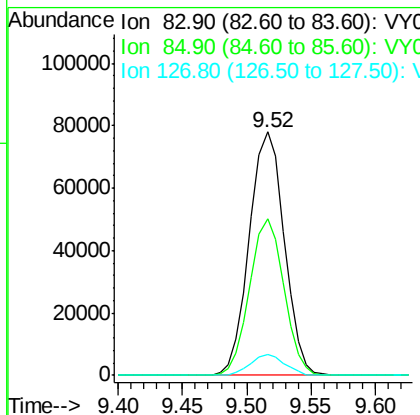
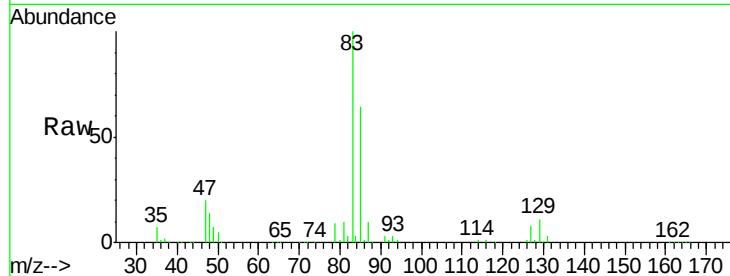
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 146340 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.1  | 51.5  | 77.3   |
| 127      | 8.5   | 6.3   | 9.5    |

Manual Integrations  
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1/20/2020 11:06:39 AM



#48

Methyl methacrylate

Concen: 47.915 ug/l

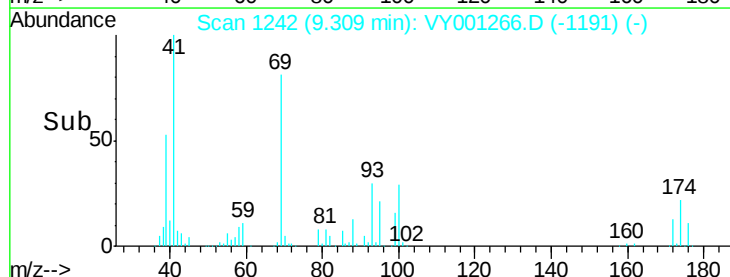
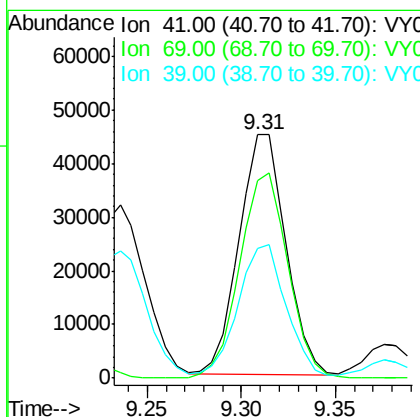
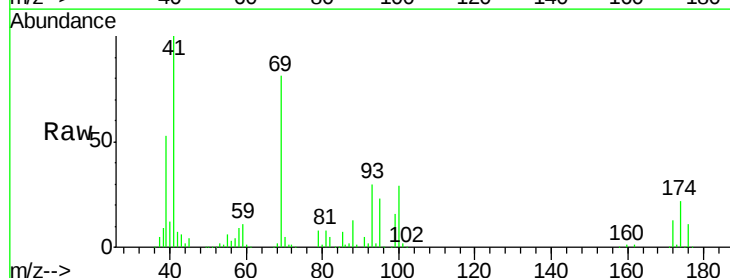
RT: 9.31 min Scan# 1242

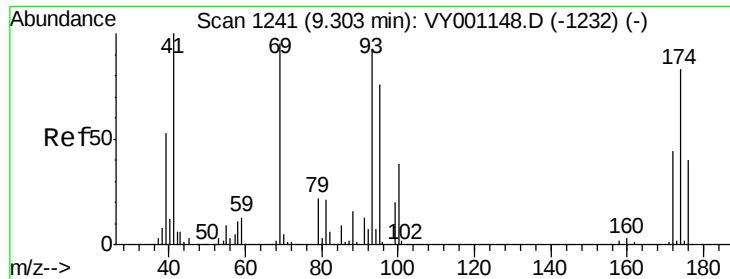
Delta R.T. 0.01 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 77257 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 88.3  | 69.8  | 104.8 |
| 39       | 58.1  | 45.2  | 67.8  |





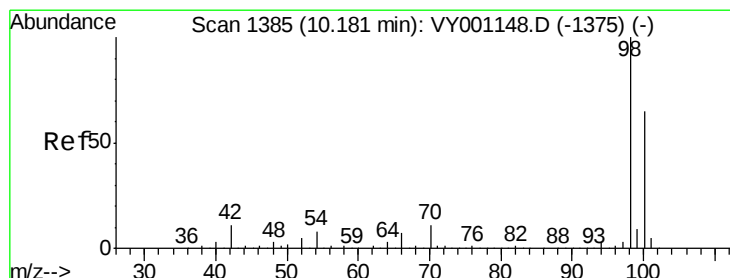
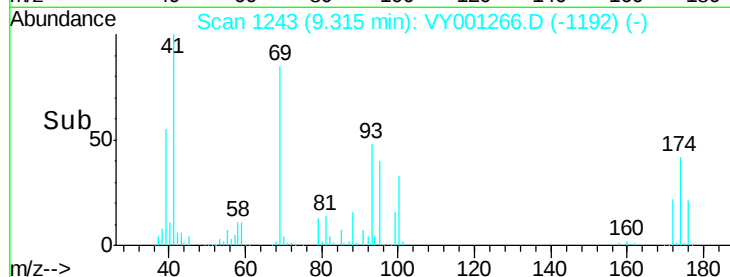
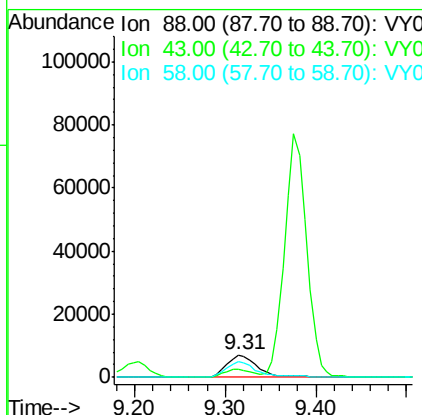
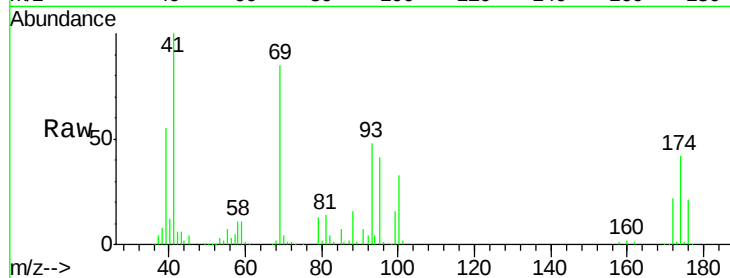
#49  
1,4-Dioxane  
Concen: 1139.723 ug/l  
RT: 9.31 min Scan# 1243  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 32.6  | 22.4  | 33.6  |
| 58      | 66.0  | 58.0  | 87.0  |

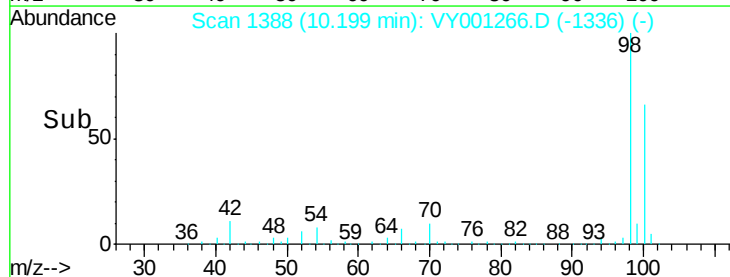
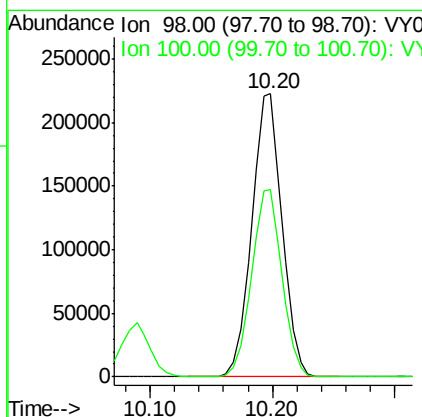
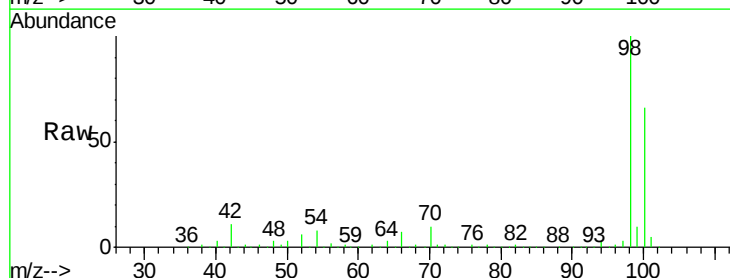
Manual Integrations  
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#50  
Toluene-d8  
Concen: 49.846 ug/l  
RT: 10.20 min Scan# 1388  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.5  | 53.1  | 79.7  |





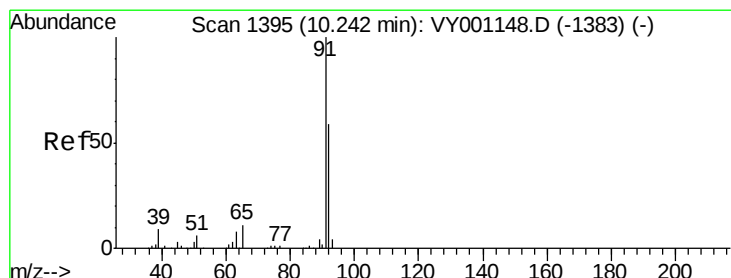
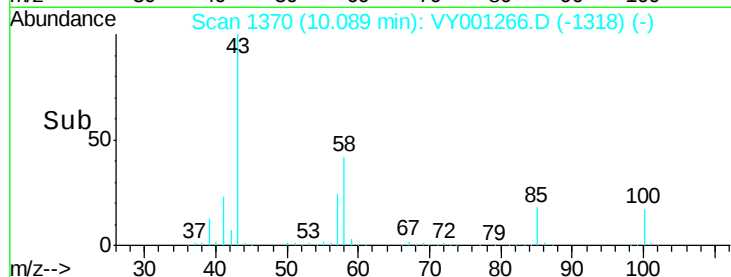
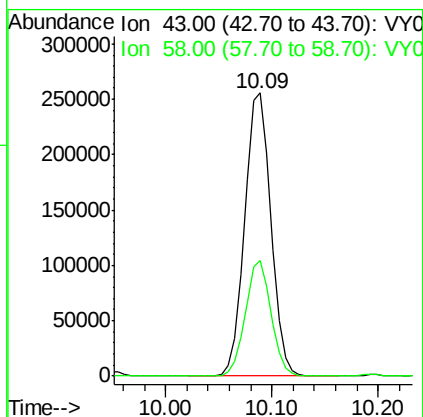
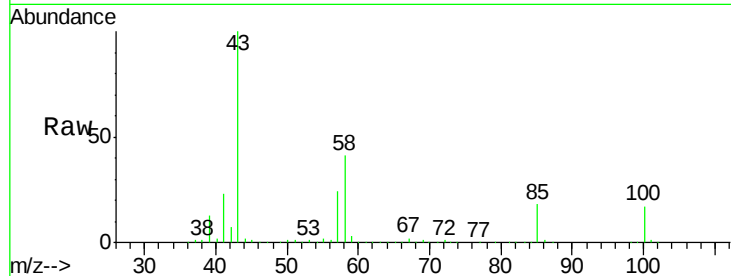
#51  
4-Methyl-2-Pentanone  
Concen: 250.525 ug/l  
RT: 10.09 min Scan# 1370  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 39.8  | 32.3  | 48.5  |

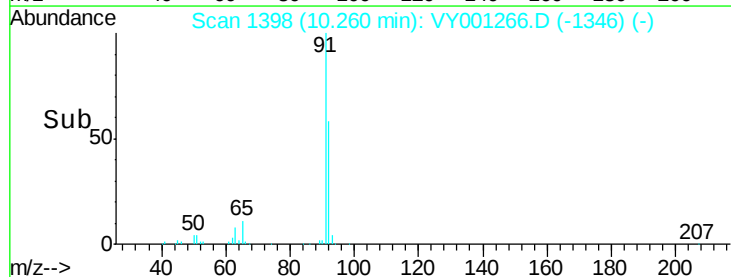
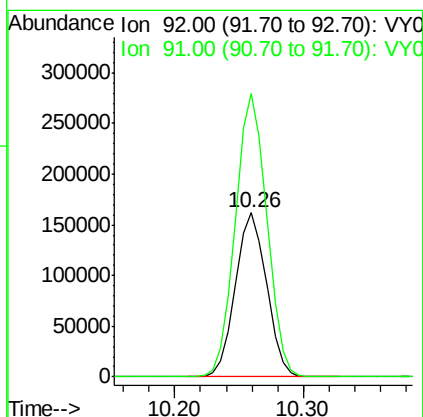
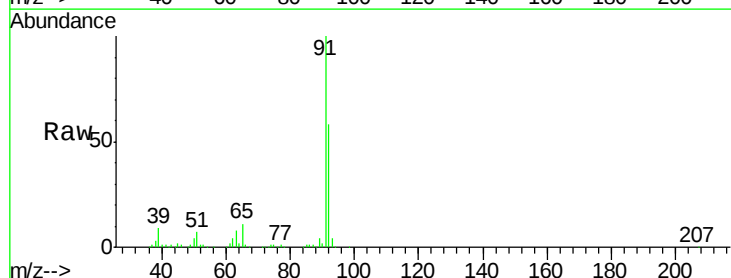
Manual Integrations  
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1/20/2020 11:06:39 AM



#52  
Toluene  
Concen: 47.074 ug/l  
RT: 10.26 min Scan# 1398  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 173.4 | 136.6 | 204.8 |





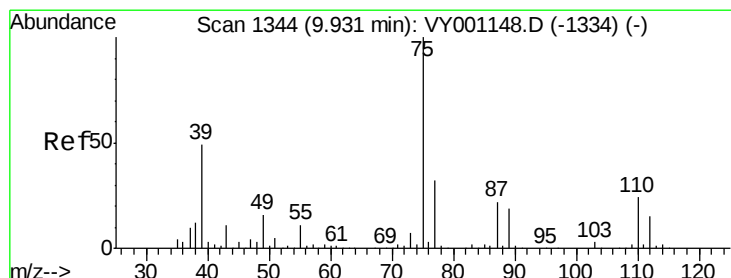
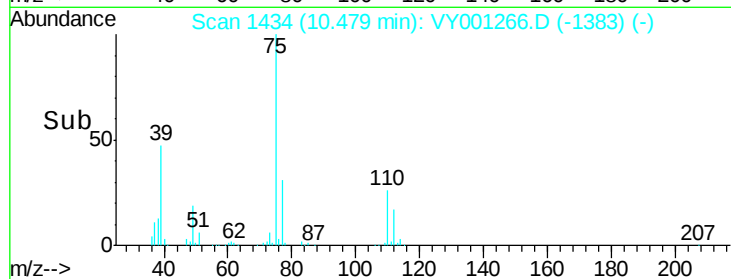
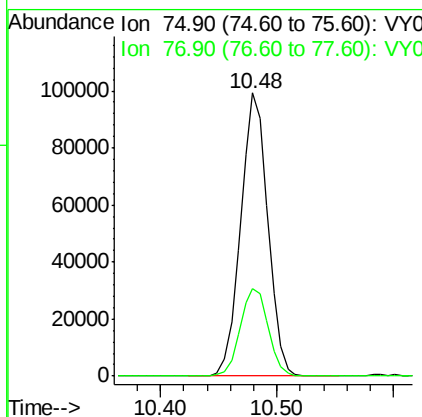
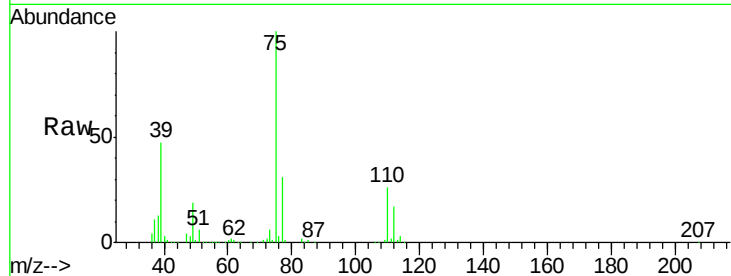
#53  
 t-1,3-Dichloropropene  
 Concen: 48.423 ug/l  
 RT: 10.48 min Scan# 1434  
 Delta R.T. 0.01 min  
 Lab File: VY001266.D  
 Acq: 17 Jan 2020 15:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 75 Resp: 161438  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 26.2 39.2

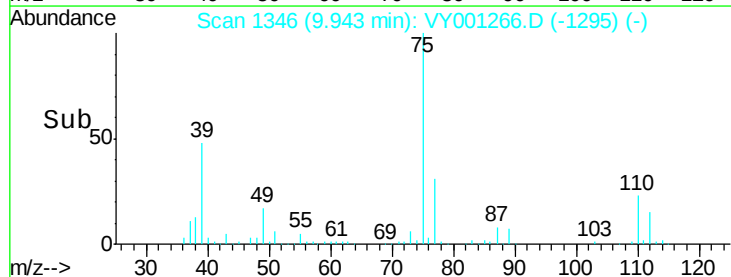
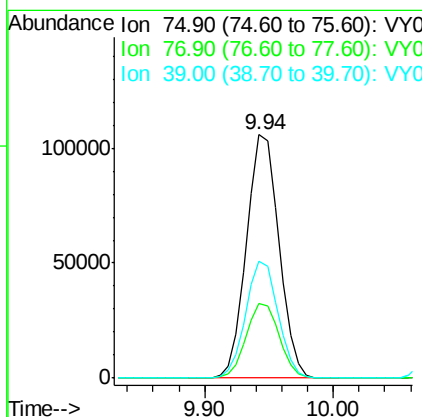
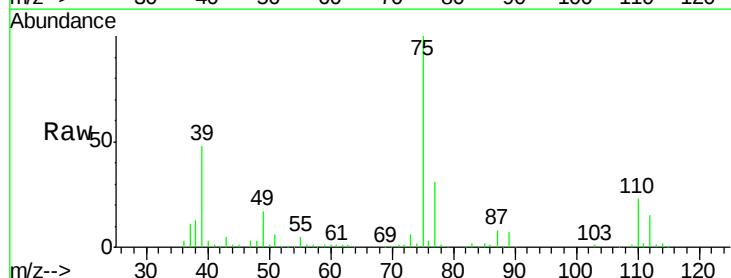
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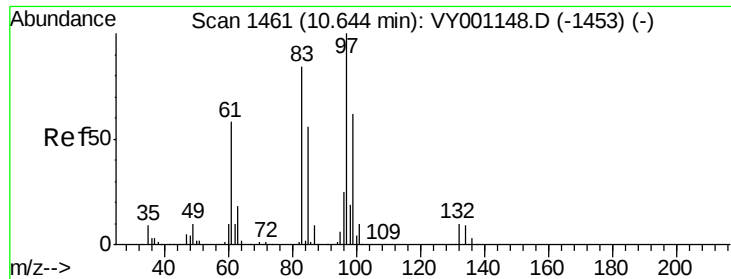
MMDadoda  
 1/20/2020 11:06:39 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.140 ug/l  
 RT: 9.94 min Scan# 1346  
 Delta R.T. 0.01 min  
 Lab File: VY001266.D  
 Acq: 17 Jan 2020 15:25

Tgt Ion: 75 Resp: 184710  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.3 37.9  
 39 48.0 39.1 58.7





#55

1,1,2-Trichloroethane

Concen: 49.099 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.02 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

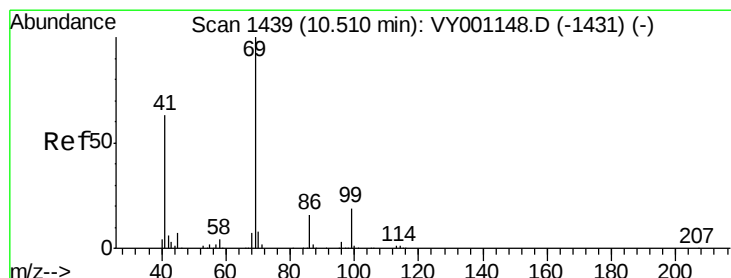
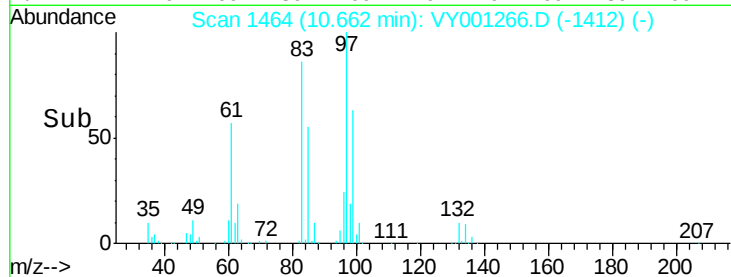
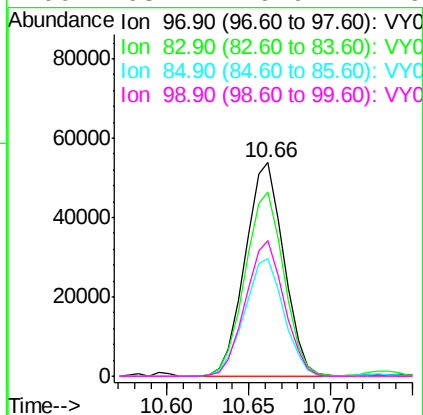
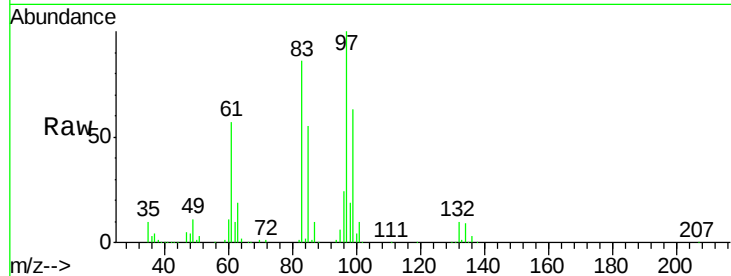
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 88985 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.2  | 67.2  | 100.8 |
| 85       | 55.4  | 44.9  | 67.3  |
| 99       | 63.4  | 49.9  | 74.9  |

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#56

Ethyl methacrylate

Concen: 48.469 ug/l

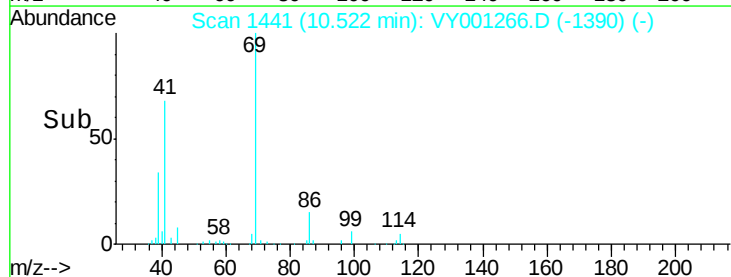
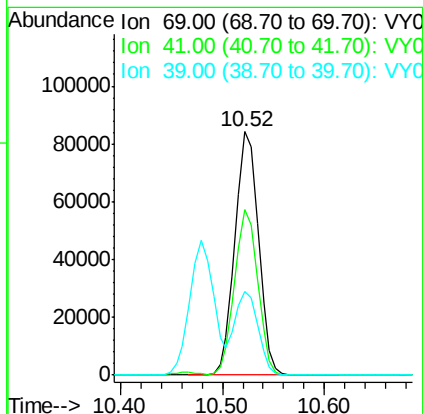
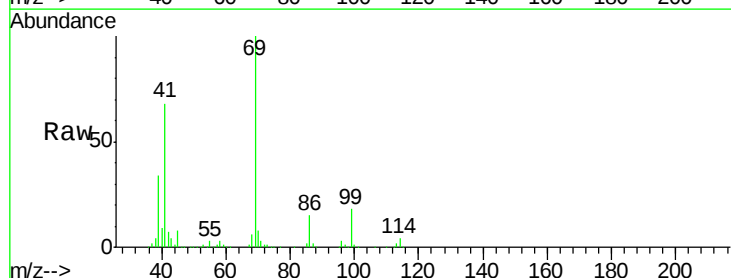
RT: 10.52 min Scan# 1441

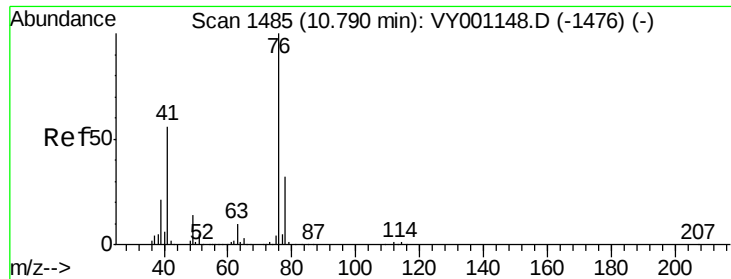
Delta R.T. 0.01 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 134372 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 66.9  | 51.4  | 77.2   |
| 39       | 33.7  | 26.3  | 39.5   |





#57

1,3-Dichloropropane

Concen: 49.587 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.02 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 154279

Ion Ratio Lower Upper

76 100

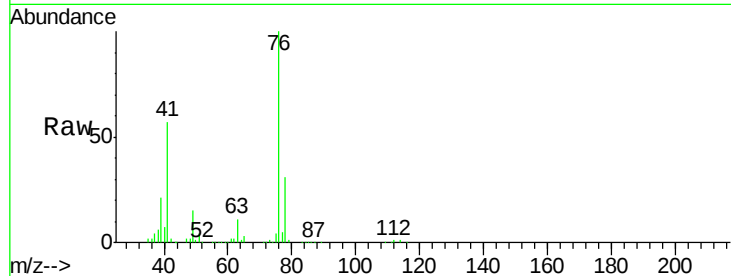
78 32.1 26.1 39.1

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.81

80000

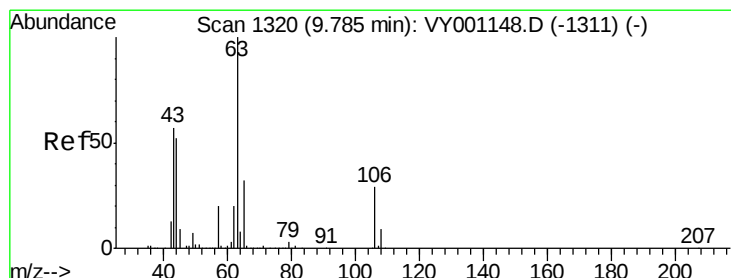
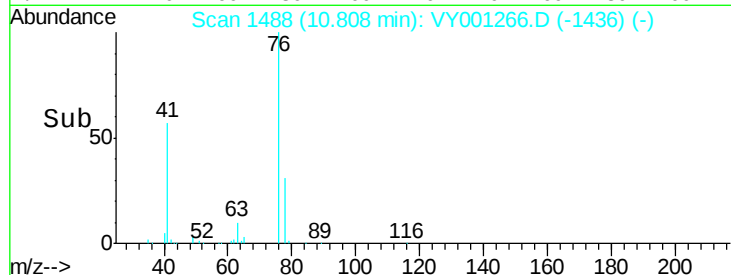
60000

40000

20000

0

Time--> 10.70



#58

2-Chloroethyl Vinyl ether

Concen: 233.551 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY001266.D

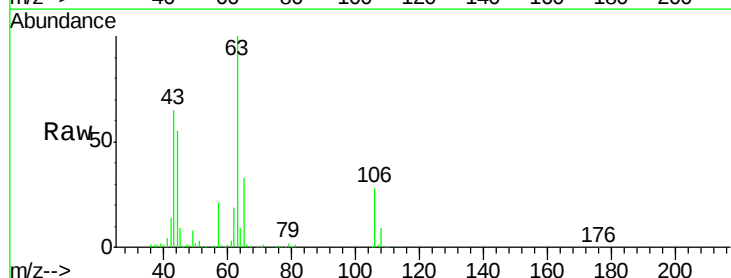
Acq: 17 Jan 2020 15:25

Tgt Ion: 63 Resp: 227723

Ion Ratio Lower Upper

63 100

106 28.5 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.80

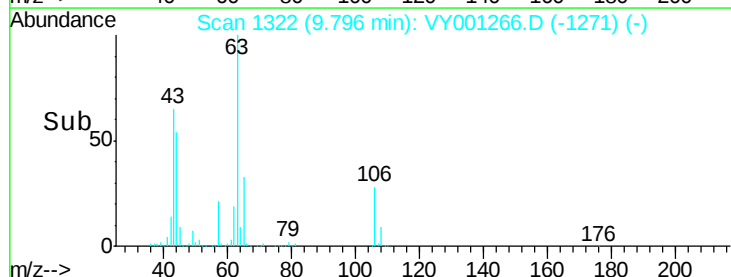
150000

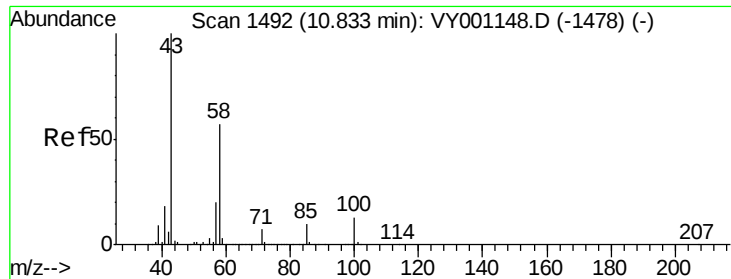
100000

50000

0

Time--> 9.70





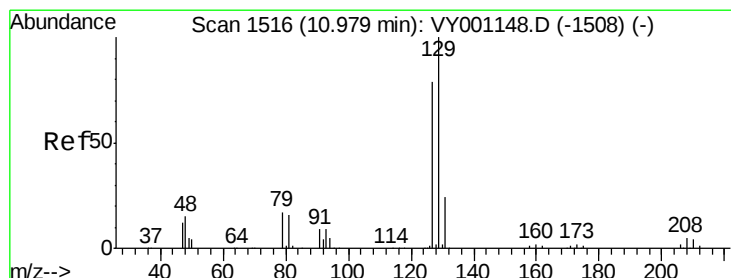
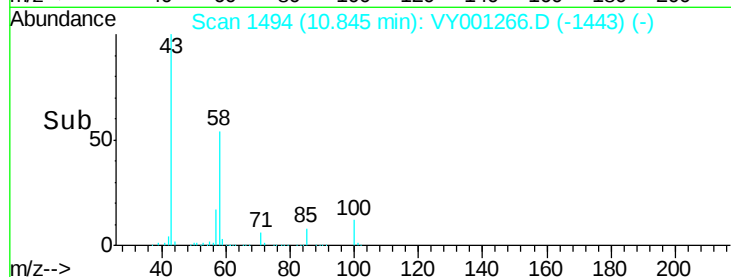
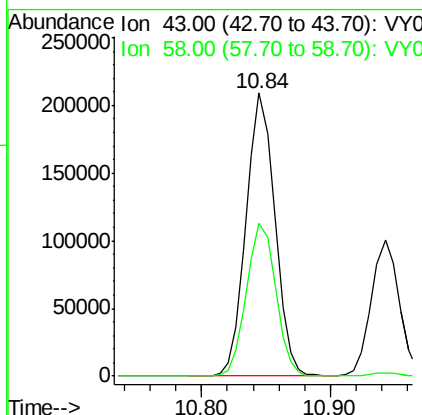
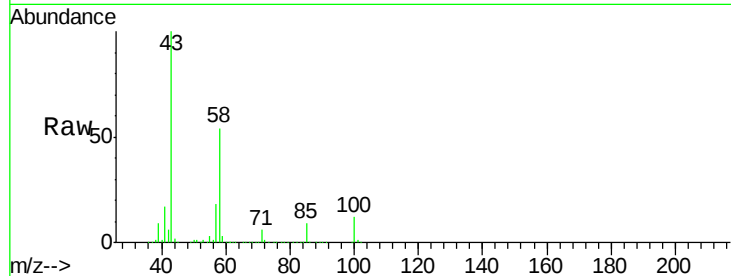
#59  
2-Hexanone  
Concen: 260.412 ug/l  
RT: 10.84 min Scan# 1494  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 322660  
Ion Ratio Lower Upper  
43 100  
58 54.8 28.4 85.2

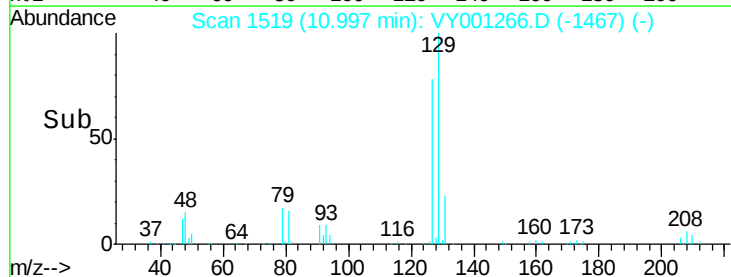
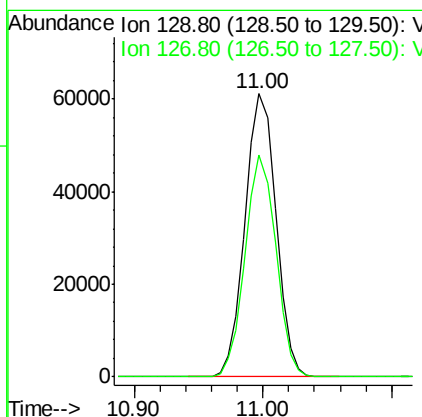
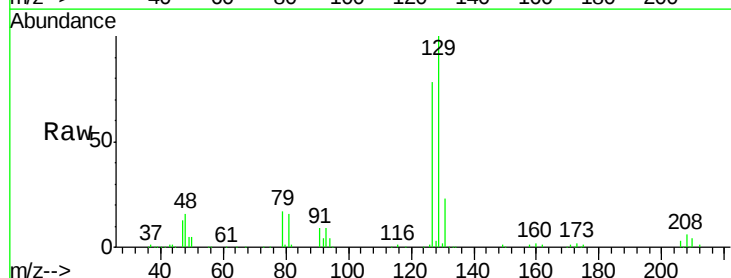
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#60  
Dibromochloromethane  
Concen: 48.737 ug/l  
RT: 11.00 min Scan# 1519  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Tgt Ion: 129 Resp: 101698  
Ion Ratio Lower Upper  
129 100  
127 77.9 38.9 116.7





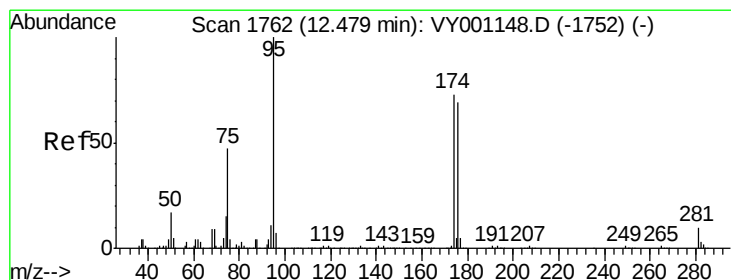
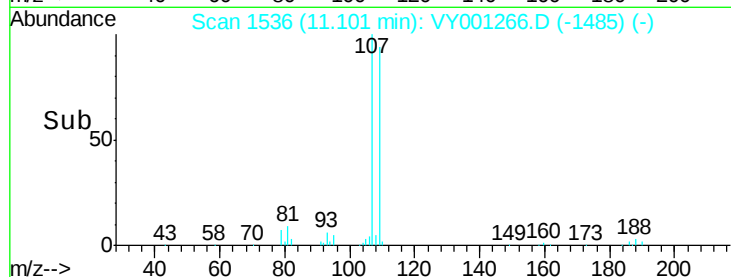
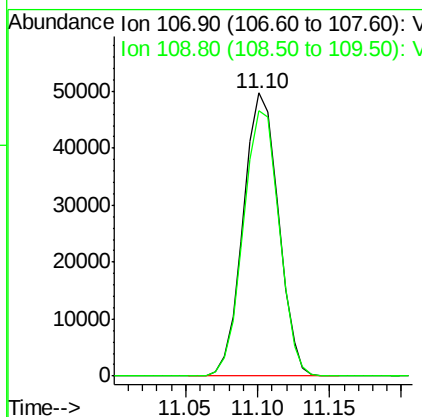
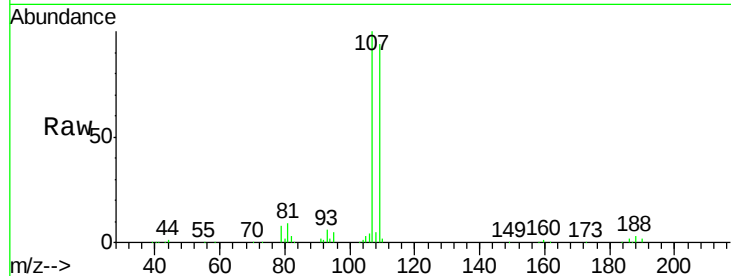
#61  
 1,2-Dibromoethane  
 Concen: 47.540 ug/l  
 RT: 11.10 min Scan# 1536  
 Delta R.T. 0.01 min  
 Lab File: VY001266.D  
 Acq: 17 Jan 2020 15:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 107 Resp: 84128  
 Ion Ratio Lower Upper  
 107 100  
 109 95.6 75.4 113.0

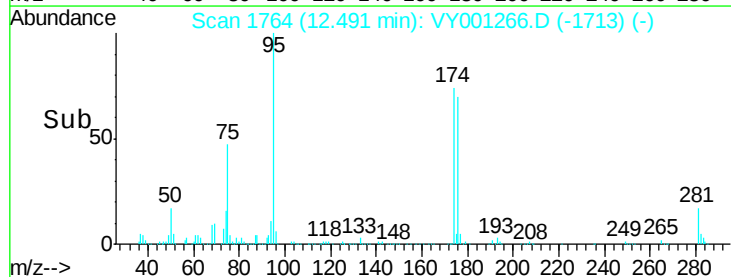
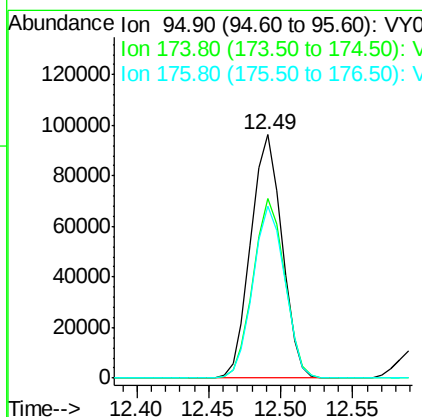
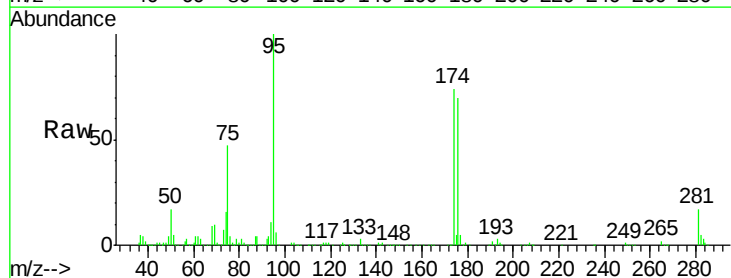
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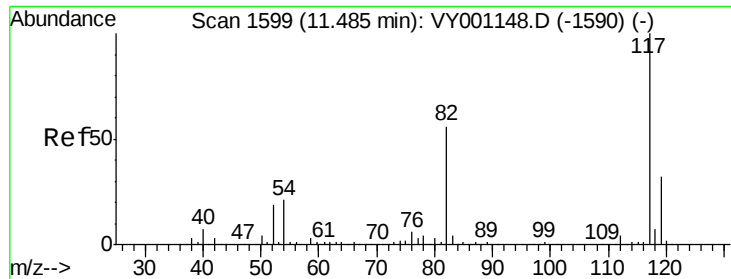
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#62  
 4-Bromofluorobenzene  
 Concen: 46.013 ug/l  
 RT: 12.49 min Scan# 1764  
 Delta R.T. 0.01 min  
 Lab File: VY001266.D  
 Acq: 17 Jan 2020 15:25

Tgt Ion: 95 Resp: 144566  
 Ion Ratio Lower Upper  
 95 100  
 174 74.4 0.0 143.2  
 176 71.7 0.0 136.0





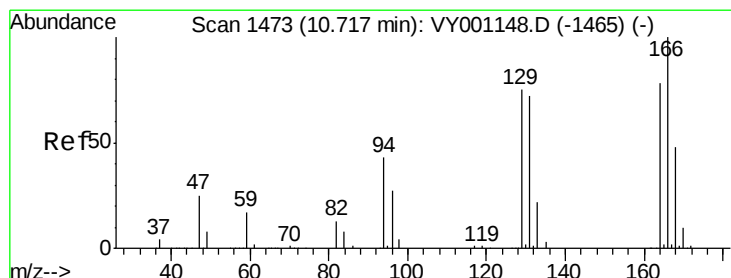
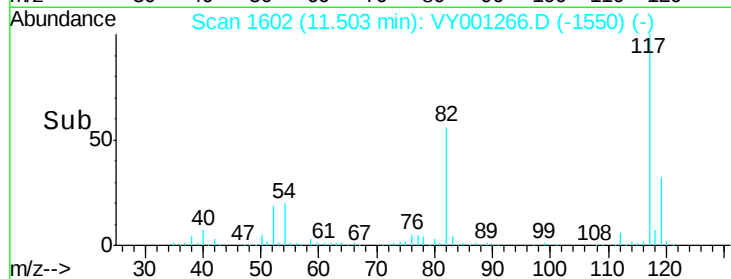
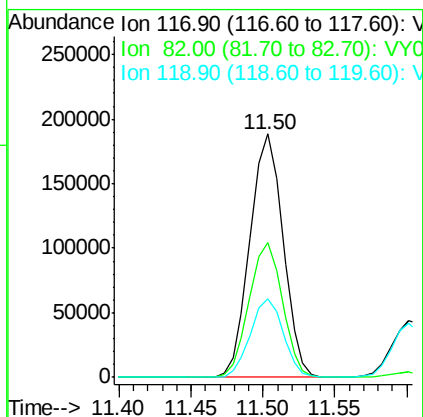
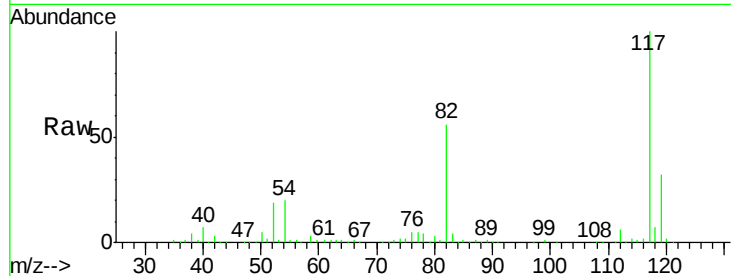
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.50 min Scan# 1602  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.6  | 44.9  | 67.3  |
| 119     | 32.5  | 25.7  | 38.5  |

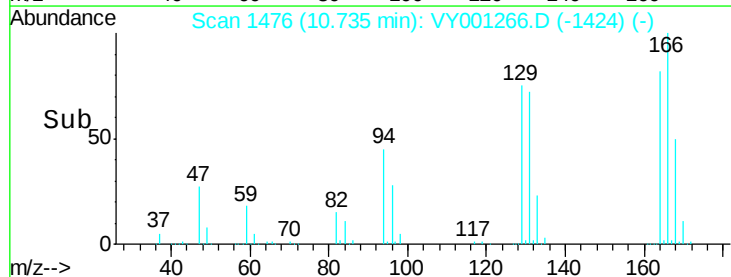
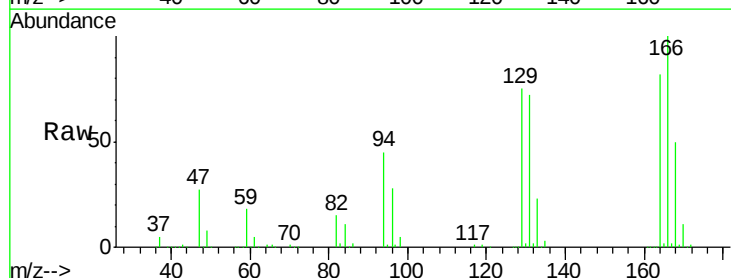
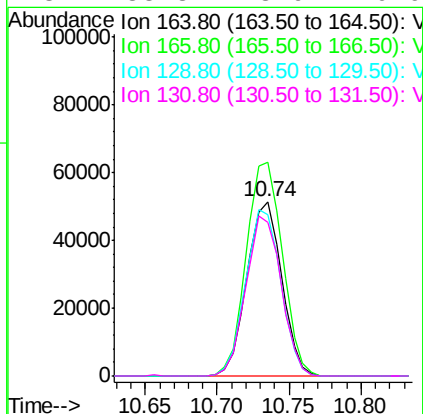
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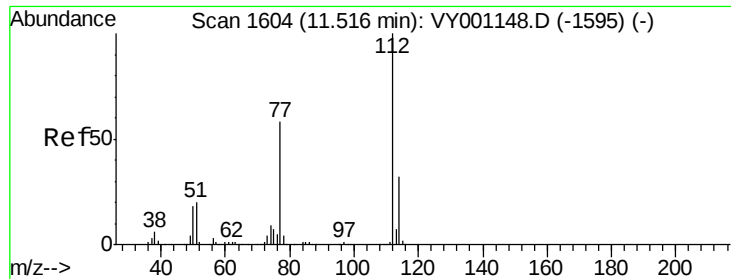
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#64  
Tetrachloroethene  
Concen: 44.263 ug/l  
RT: 10.74 min Scan# 1476  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 122.7 | 102.3 | 153.5 |
| 129     | 92.5  | 76.2  | 114.4 |
| 131     | 88.3  | 73.9  | 110.9 |





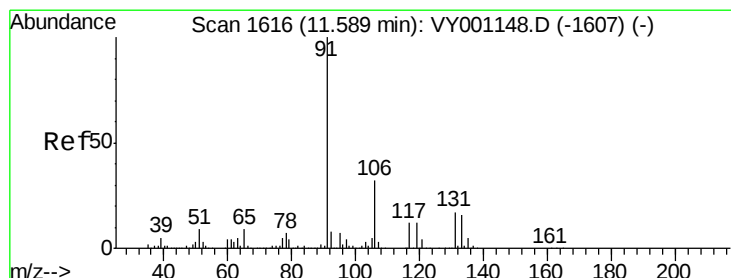
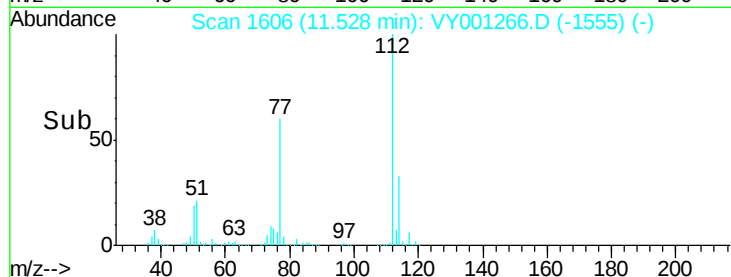
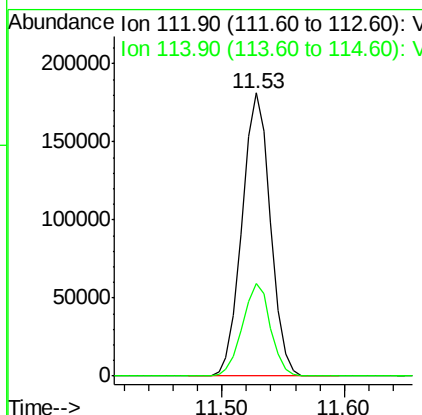
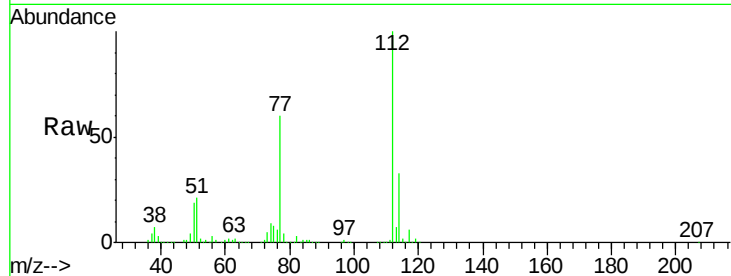
#65  
Chlorobenzene  
Concen: 48.485 ug/l  
RT: 11.53 min Scan# 1606  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.7  | 25.9  | 38.9  |

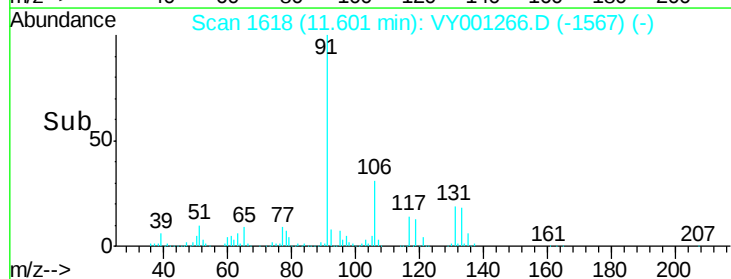
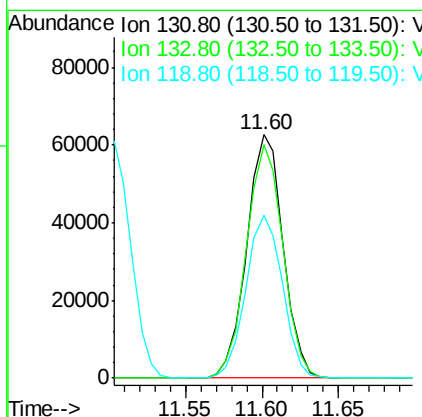
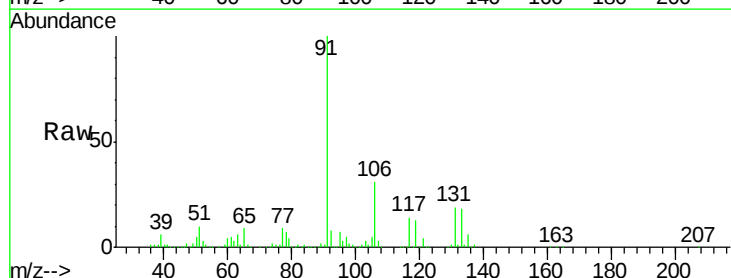
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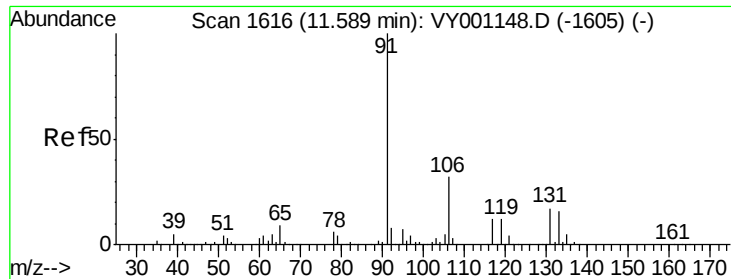
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.047 ug/l  
RT: 11.60 min Scan# 1618  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 96.2  | 47.3  | 142.0 |
| 119     | 67.4  | 33.6  | 100.8 |





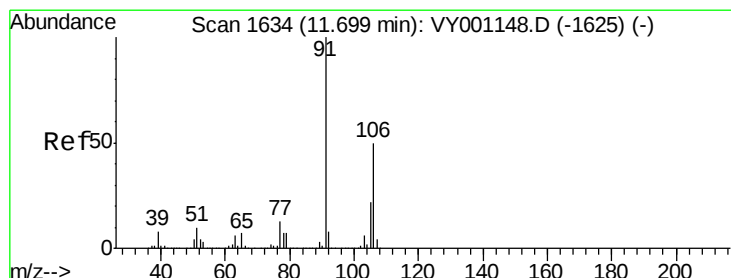
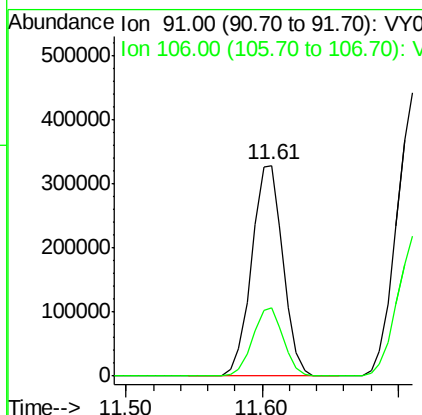
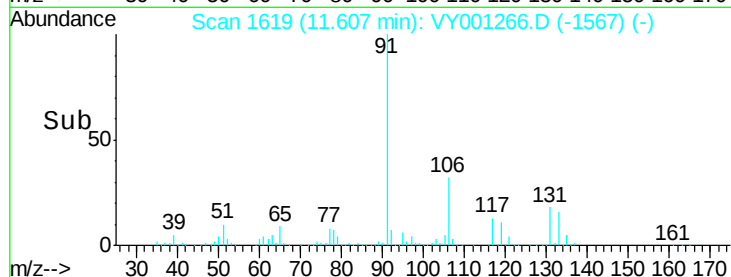
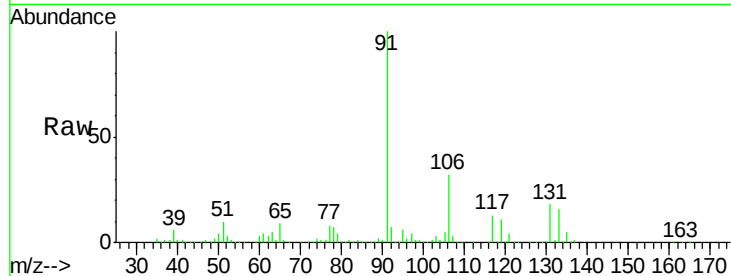
#67  
Ethyl Benzene  
Concen: 48.302 ug/l  
RT: 11.61 min Scan# 1619  
Delta R.T. 0.02 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 530764  
Ion Ratio Lower Upper  
91 100  
106 32.5 25.3 37.9

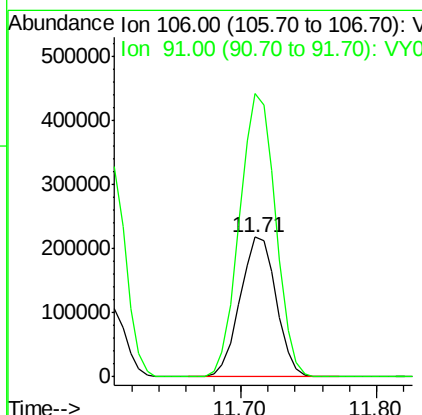
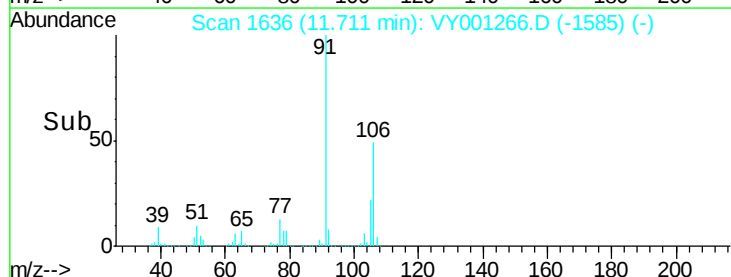
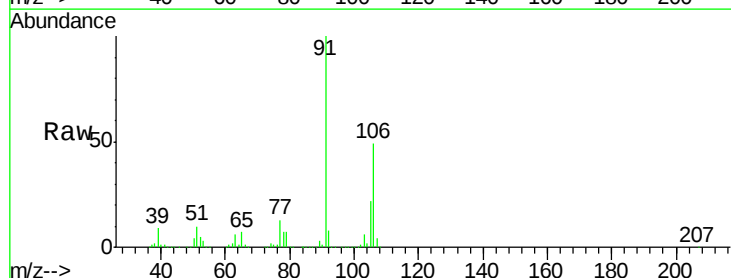
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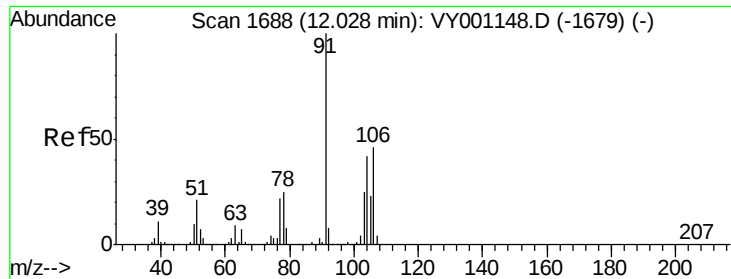
MMDadoda  
1/20/2020 11:06:39 AM



#68  
m/p-Xylenes  
Concen: 97.571 ug/l  
RT: 11.71 min Scan# 1636  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Tgt Ion: 106 Resp: 404444  
Ion Ratio Lower Upper  
106 100  
91 202.0 161.4 242.2





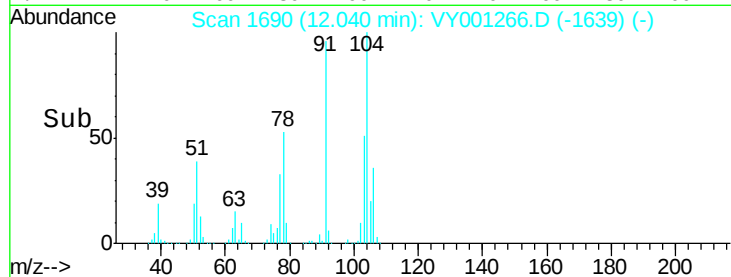
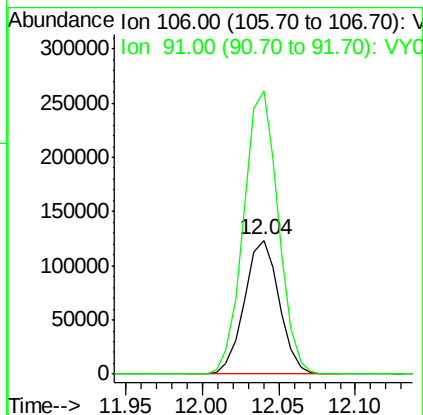
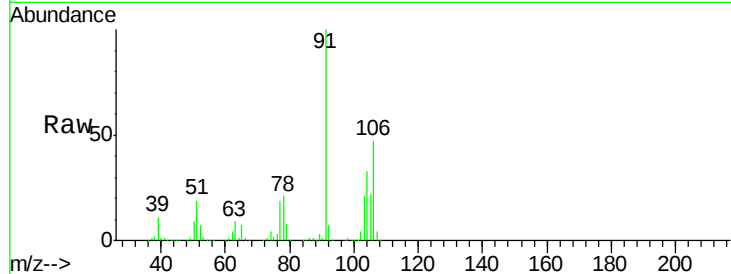
#69  
o-Xylene  
Concen: 49.080 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 195056 |       |       |
| 91      | 210.4 | 106.3 | 318.8  |       |       |

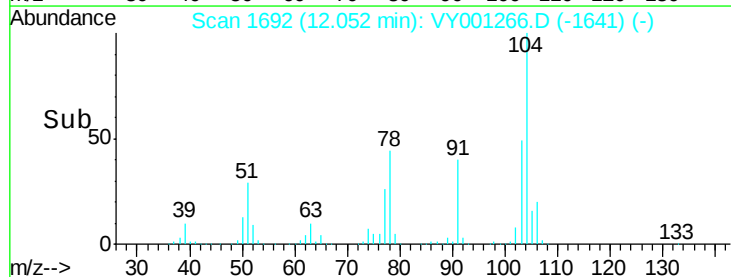
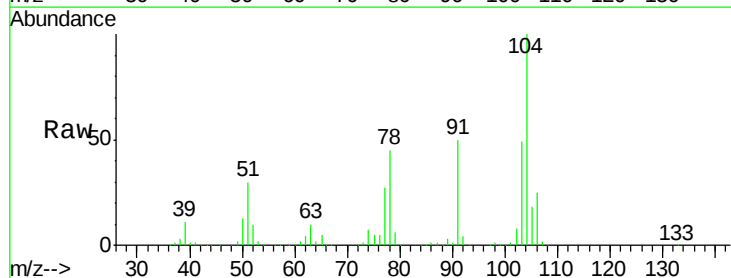
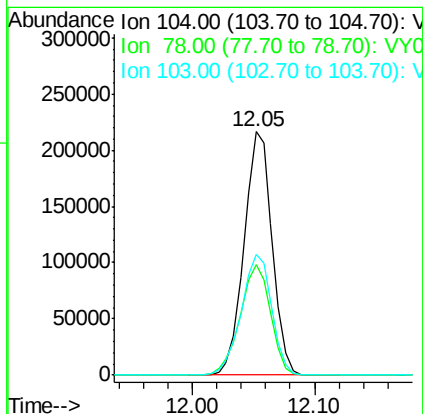
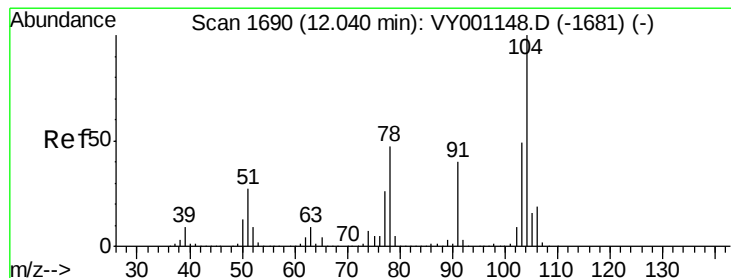
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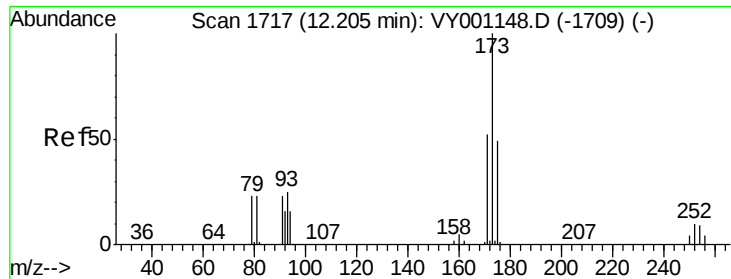
MMDadoda  
1/20/2020 11:06:39 AM



#70  
Styrene  
Concen: 49.382 ug/l  
RT: 12.05 min Scan# 1692  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       | 344354 |       |       |
| 78      | 49.1 | 40.5  | 60.7   |       |       |
| 103     | 53.8 | 42.4  | 63.6   |       |       |





#71

Bromoform

Concen: 48.033 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 61326

Ion Ratio Lower Upper

173 100

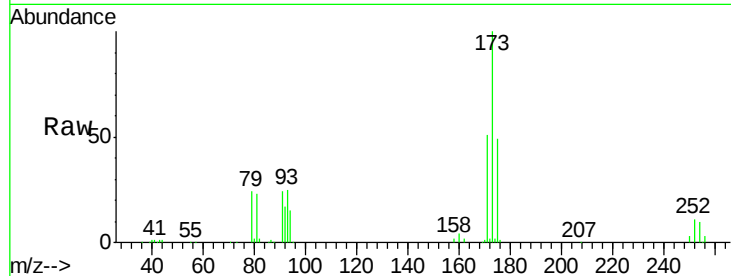
175 49.0 24.1 72.2

254 0.1 0.1 0.1#

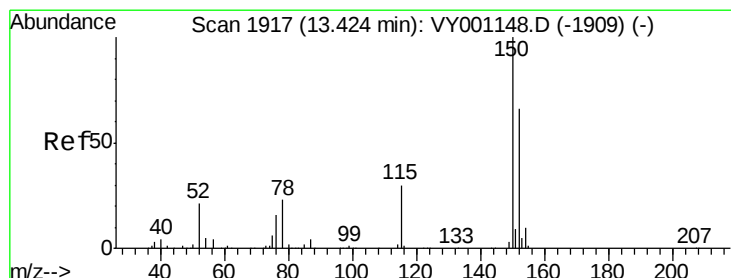
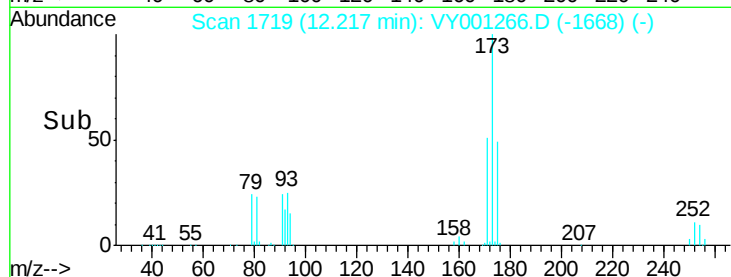
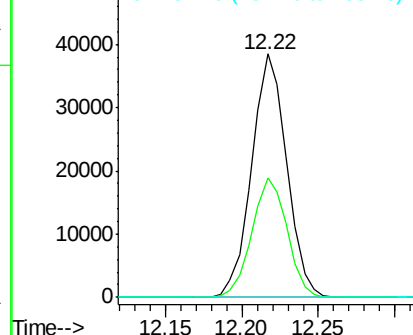
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

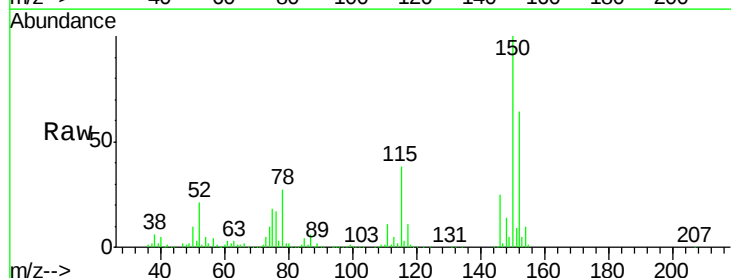
Tgt Ion:152 Resp: 145730

Ion Ratio Lower Upper

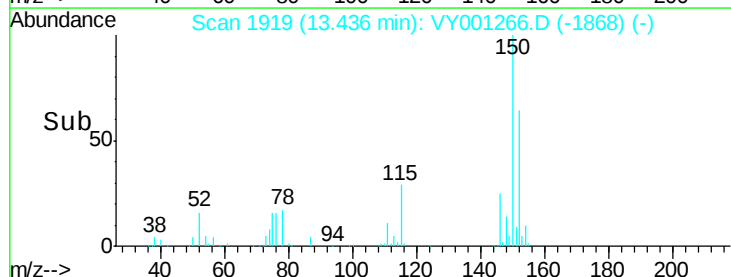
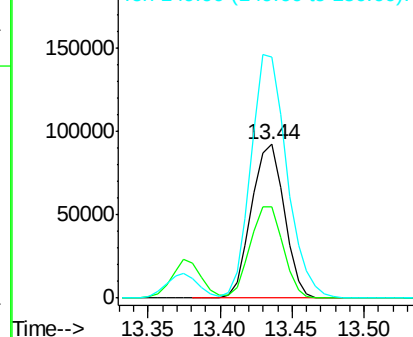
152 100

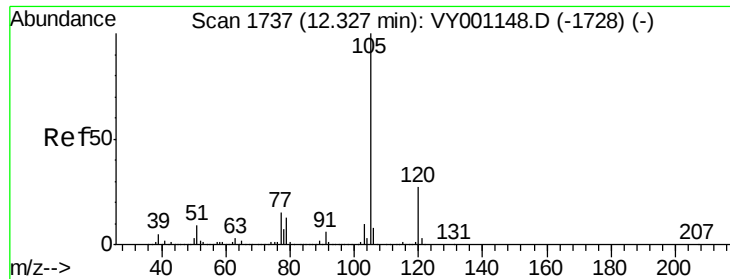
115 60.0 30.9 92.5

150 172.7 0.0 346.8



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





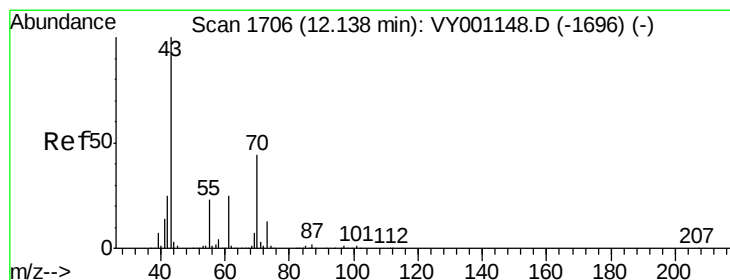
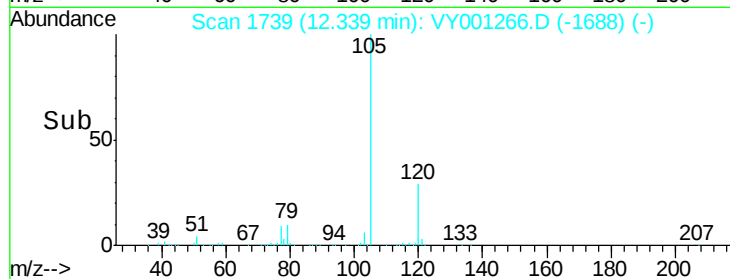
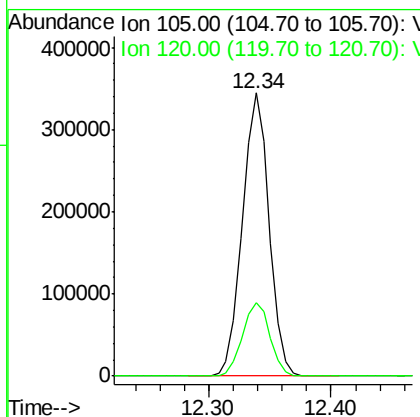
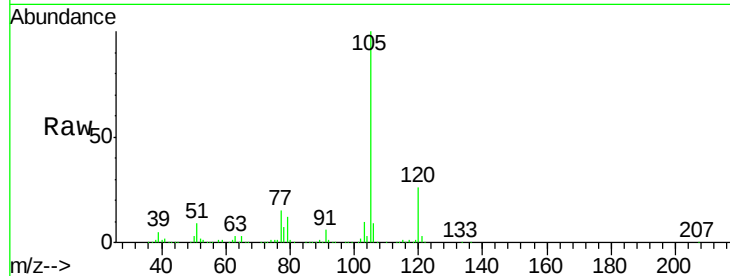
#73  
Isopropylbenzene  
Concen: 47.368 ug/l  
RT: 12.34 min Scan# 1739  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.8  | 13.4  | 40.2  |

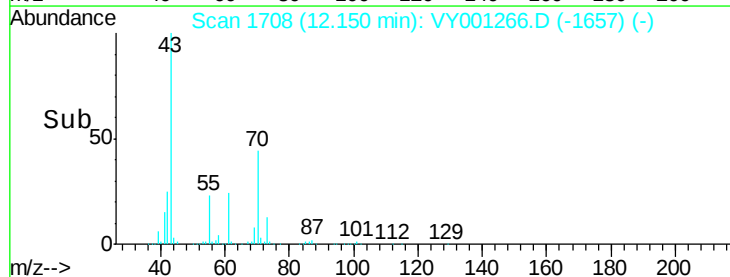
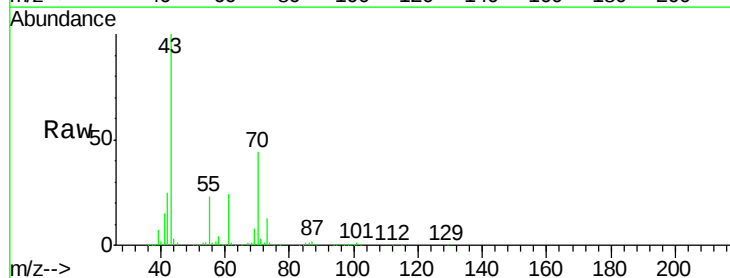
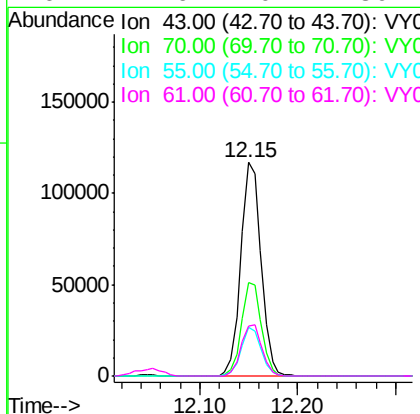
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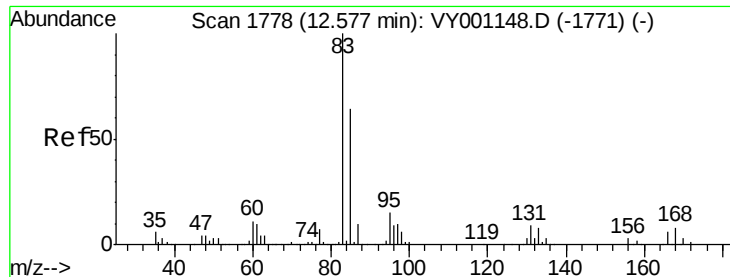
MMDadoda  
1/20/2020 11:06:39 AM



#74  
N-ethyl acetate  
Concen: 49.232 ug/l  
RT: 12.15 min Scan# 1708  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 43.0  | 35.0  | 52.6  |
| 55      | 22.7  | 18.4  | 27.6  |
| 61      | 24.6  | 20.1  | 30.1  |





#75

1,1,2,2-Tetrachloroethane

Concen: 49.039 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.02 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

ClientSampleId :

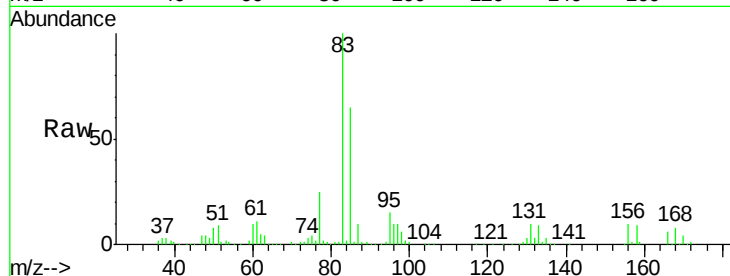
VSTDCCC050

Tot Ion: 83 Resp: 113035  
Ion Ratio Lower Upper

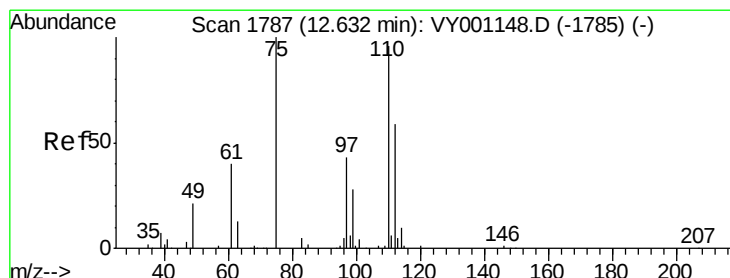
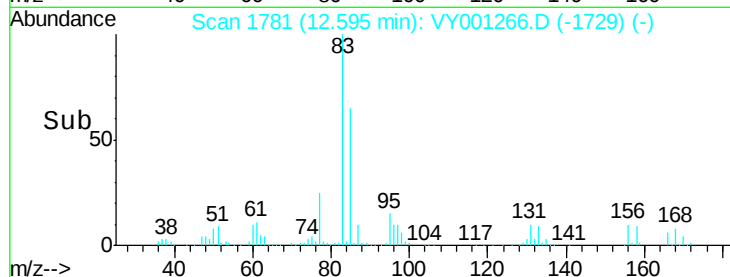
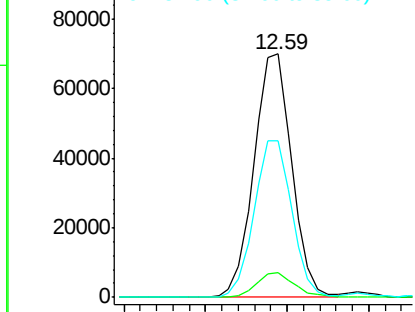
|     |      |      |      |
|-----|------|------|------|
| 83  | 100  |      |      |
| 131 | 10.2 | 5.1  | 15.3 |
| 85  | 64.2 | 32.2 | 96.6 |

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Abundance Ion 82.90 (82.60 to 83.60): VY0  
Ion 130.80 (130.50 to 131.50): VY0  
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 46.951 ug/l m

RT: 12.64 min Scan# 1789

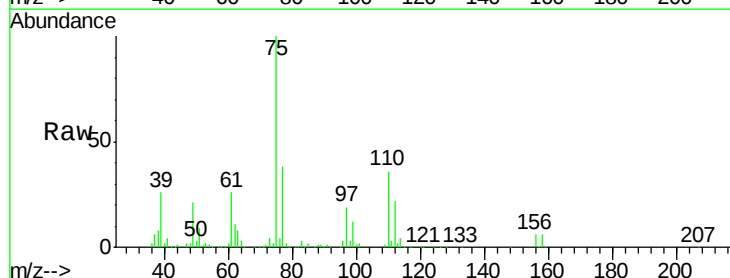
Delta R.T. 0.01 min

Lab File: VY001266.D

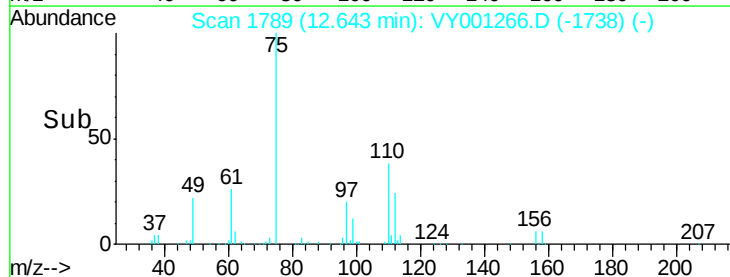
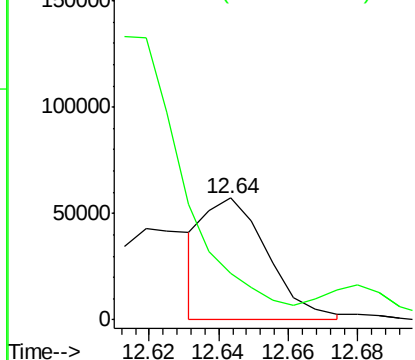
Acq: 17 Jan 2020 15:25

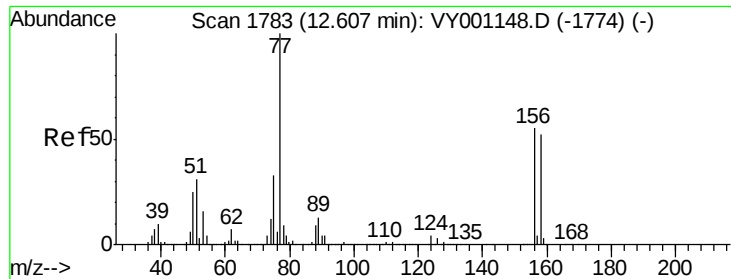
Tgt Ion: 75 Resp: 73246  
Ion Ratio Lower Upper

|    |     |     |     |
|----|-----|-----|-----|
| 75 | 100 |     |     |
| 77 | 0.0 | 0.0 | 0.0 |



Abundance Ion 74.90 (74.60 to 75.60): VY0  
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 49.315 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

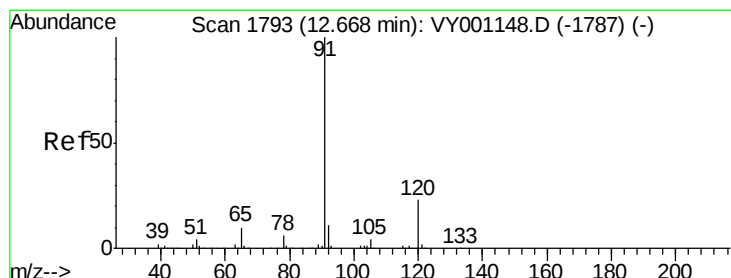
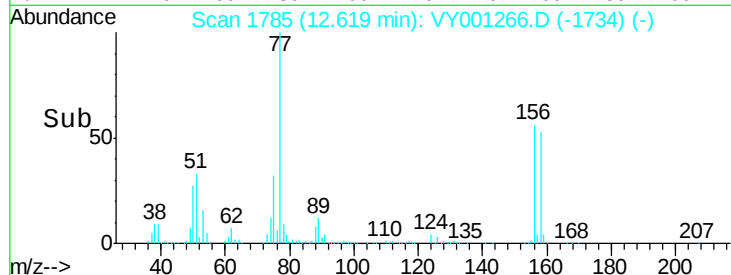
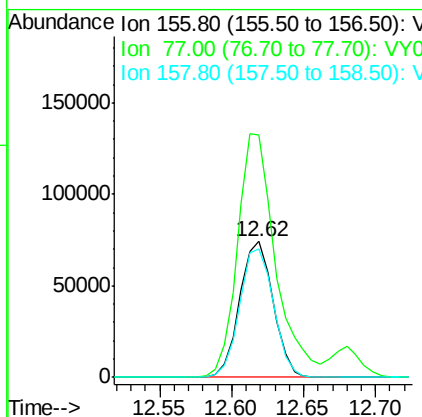
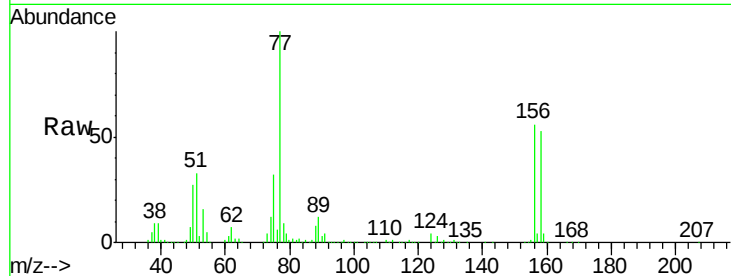
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 204.4 | 106.7 | 320.1 |
| 158     | 96.3  | 48.3  | 144.8 |

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#78

n-propylbenzene

Concen: 47.612 ug/l

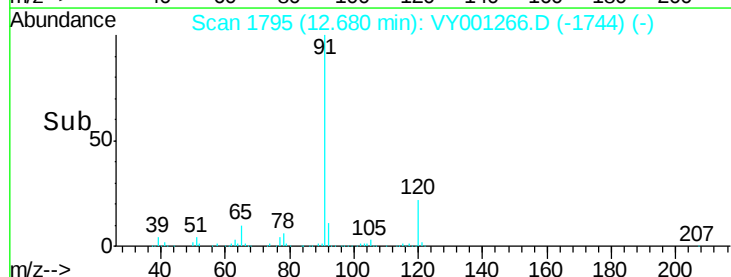
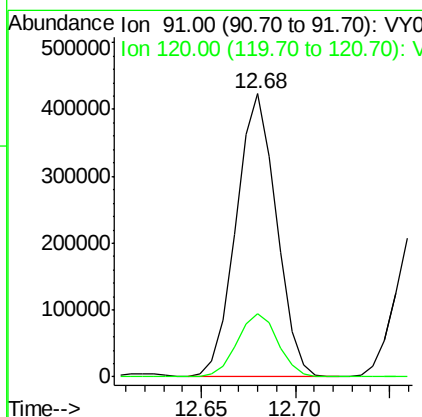
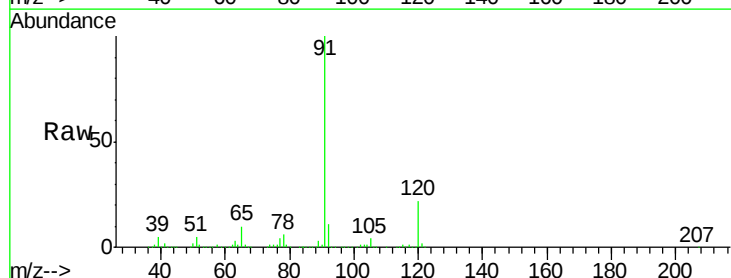
RT: 12.68 min Scan# 1795

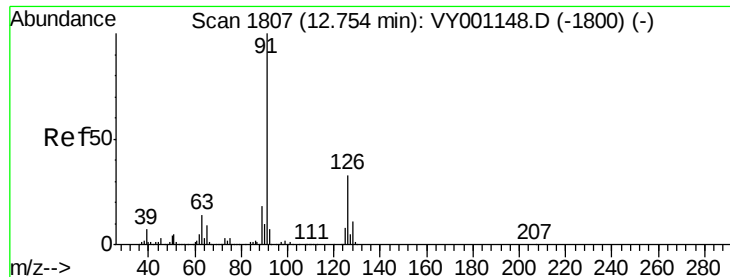
Delta R.T. 0.01 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.6  | 11.5  | 34.4  |





#79

2-Chlorotoluene

Concen: 47.529 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 359705

Ion Ratio Lower Upper

91 100

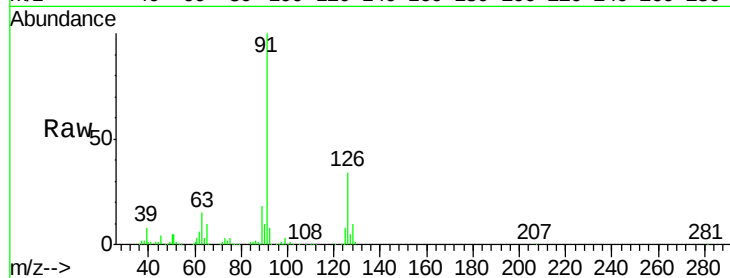
126 33.5 16.4 49.4

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Abundance Ion 91.00 (90.70 to 91.70): VY001148.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY001148.D (-1800) (-)

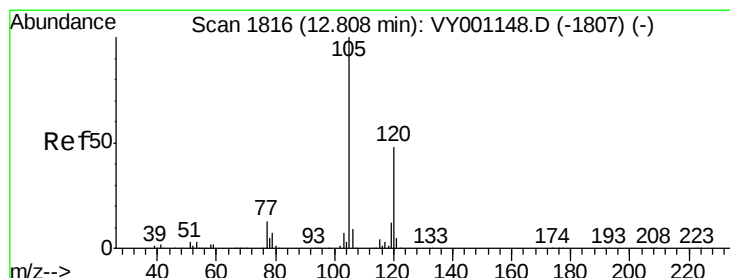
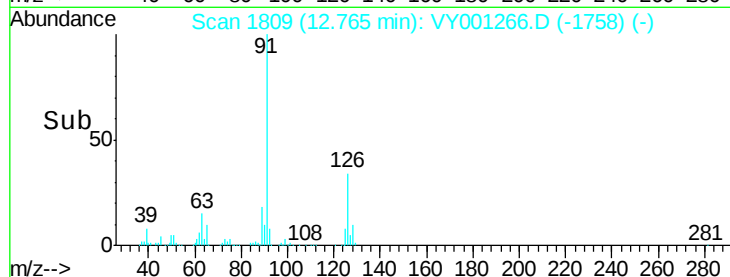
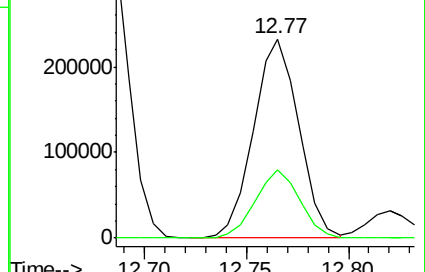
300000

200000

100000

0

12.70 12.75 12.80



#80

1,3,5-Trimethylbenzene

Concen: 48.003 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY001266.D

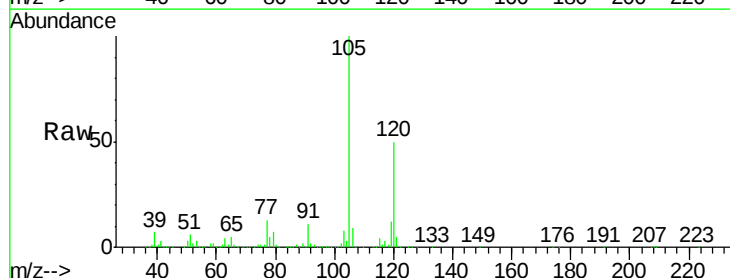
Acq: 17 Jan 2020 15:25

Tgt Ion: 105 Resp: 438802

Ion Ratio Lower Upper

105 100

120 48.8 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VY001148.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY001148.D (-1807) (-)

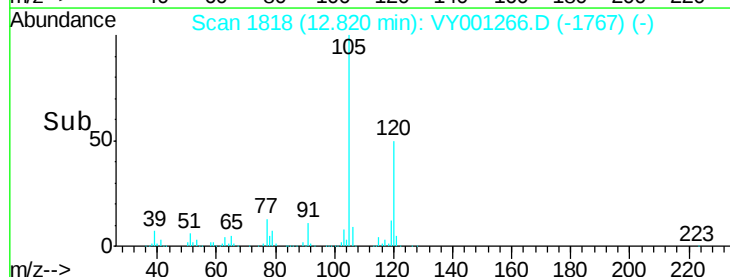
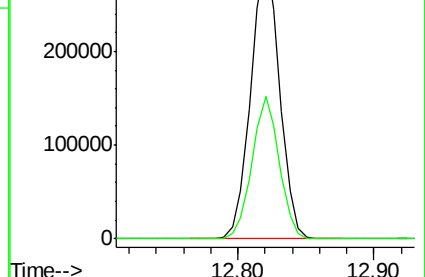
300000

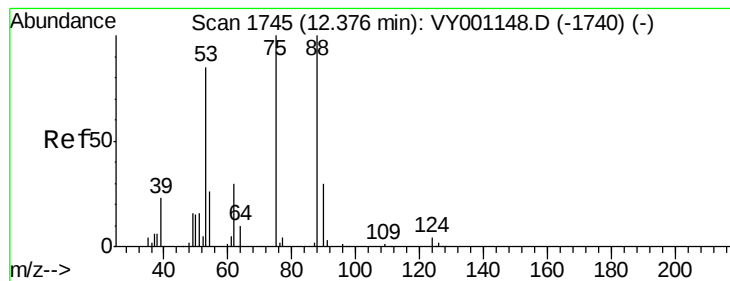
200000

100000

0

12.80 12.90





#81

trans-1,4-Dichloro-2-butene

Concen: 46.907 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

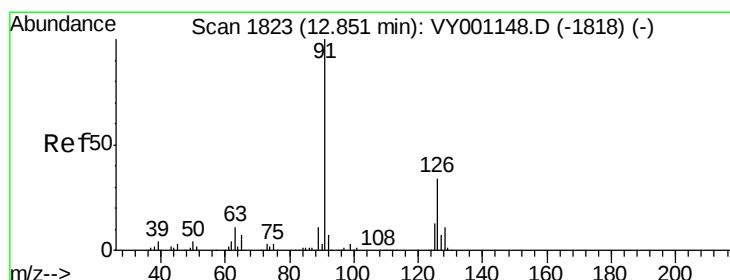
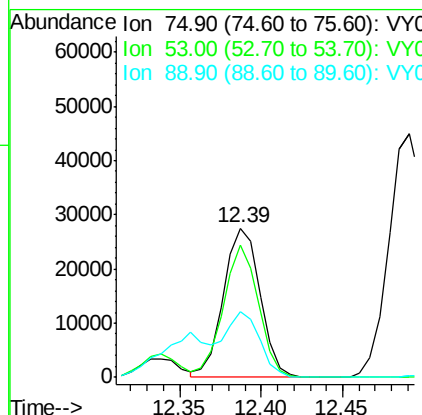
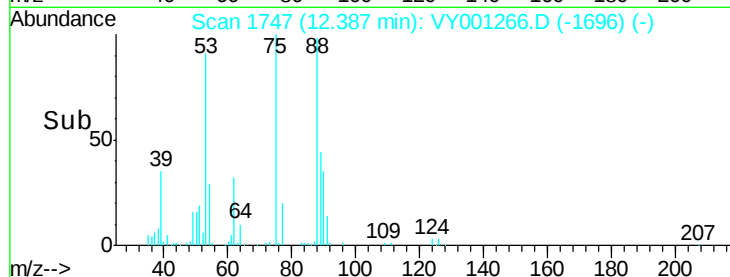
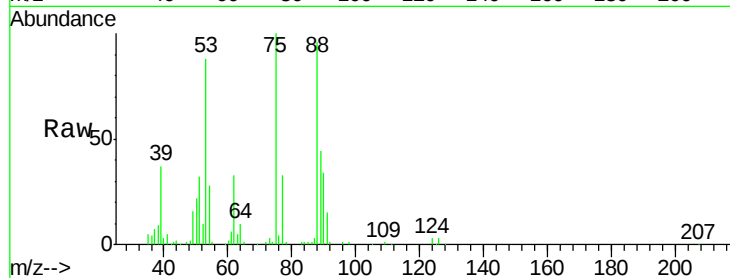
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 84.9  | 69.4  | 104.2 |
| 89      | 41.9  | 0.0   | 0.0#  |

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#82

4-Chlorotoluene

Concen: 47.900 ug/l

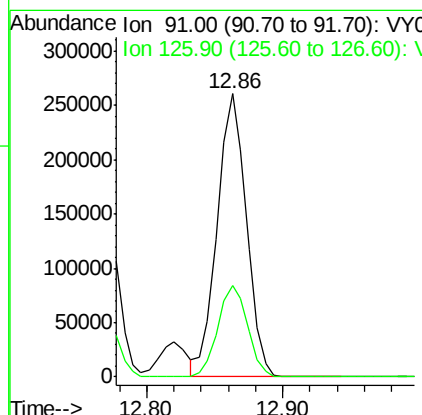
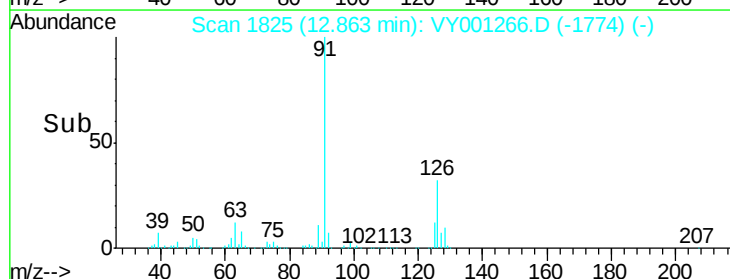
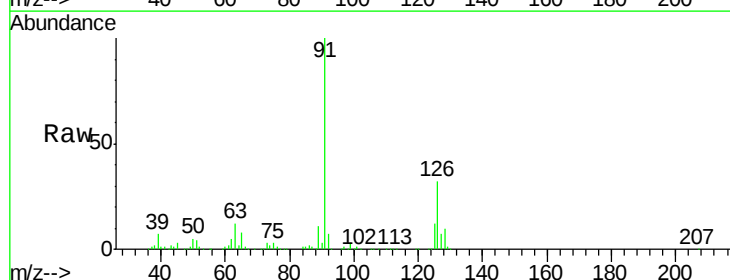
RT: 12.86 min Scan# 1825

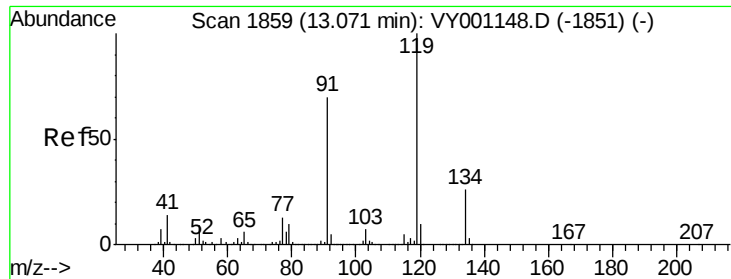
Delta R.T. 0.01 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.0  | 16.3  | 48.8  |





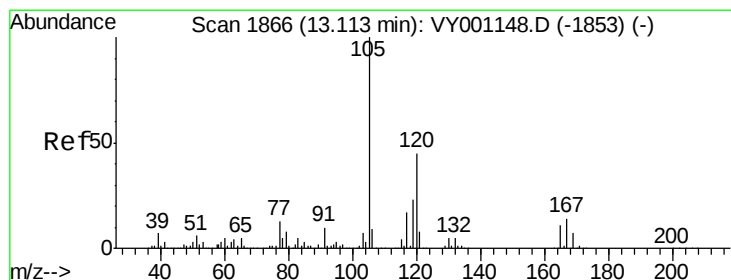
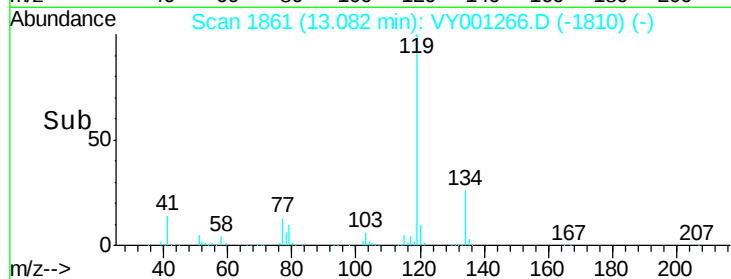
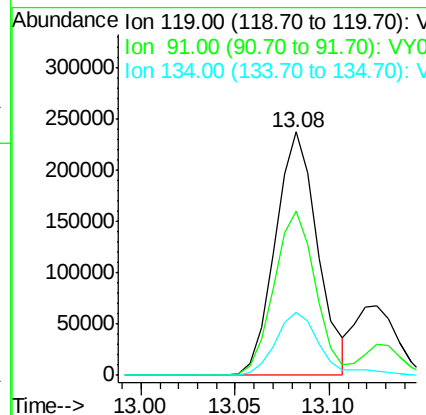
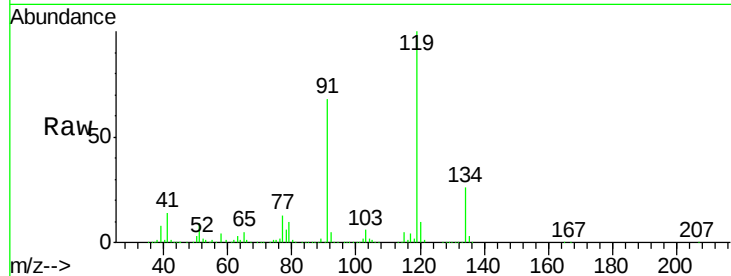
#83  
tert-Butylbenzene  
Concen: 48.226 ug/l  
RT: 13.08 min Scan# 1861  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 65.8  | 33.9  | 101.7 |
| 134     | 27.5  | 13.5  | 40.4  |

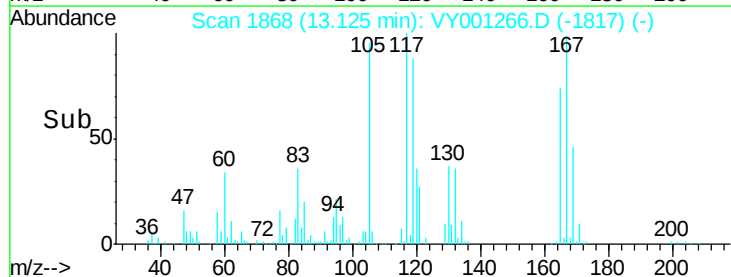
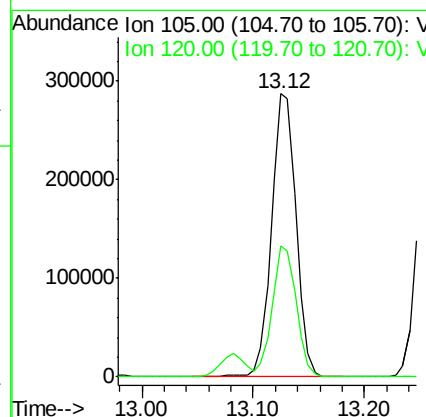
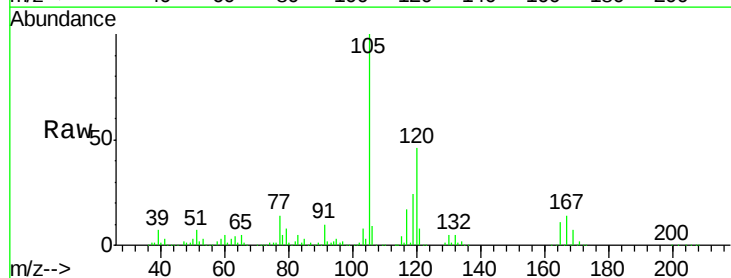
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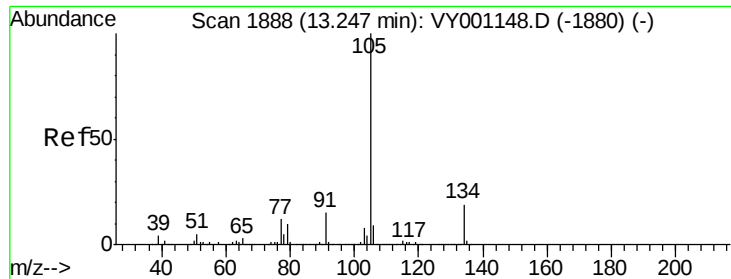
MMDadoda  
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#84  
1,2,4-Trimethylbenzene  
Concen: 48.507 ug/l  
RT: 13.12 min Scan# 1868  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.3  | 22.8  | 68.3  |





#85

sec-Butylbenzene

Concen: 48.397 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 534774

Ion Ratio Lower Upper

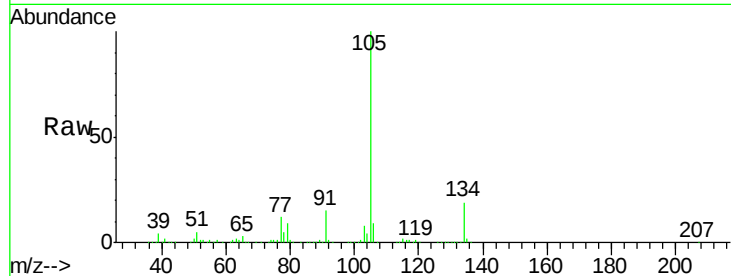
105 100

134 19.9 9.8 29.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

400000

300000

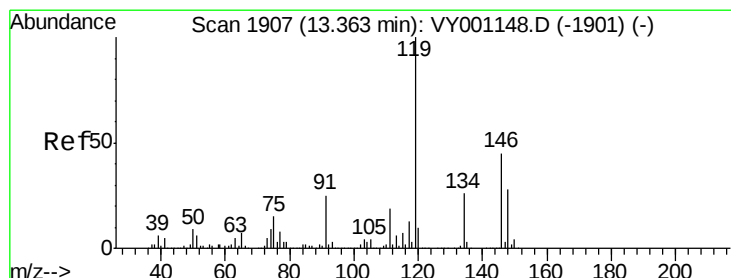
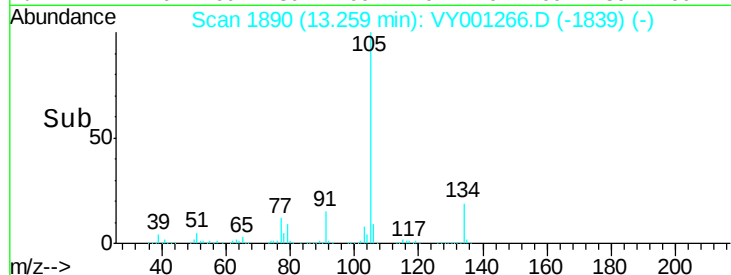
200000

100000

0

Time-->

13.20 13.30



#86

p-Isopropyltoluene

Concen: 48.797 ug/l

RT: 13.37 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY001266.D

Acq: 17 Jan 2020 15:25

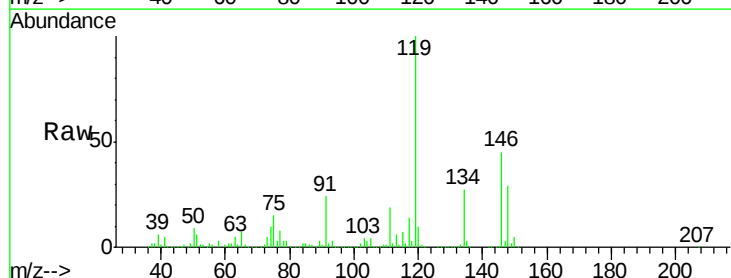
Tgt Ion:119 Resp: 468151

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 24.0 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

400000

300000

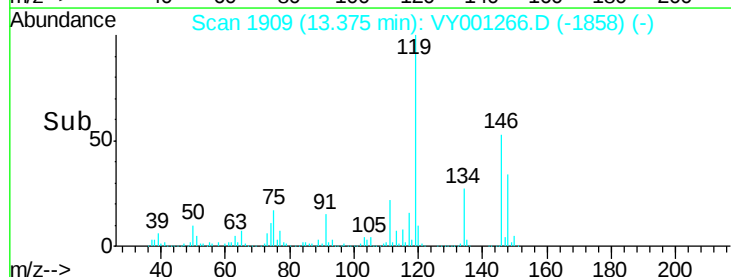
200000

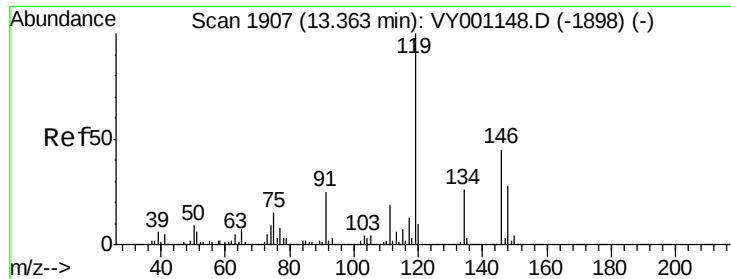
100000

0

Time-->

13.30 13.35 13.40 13.45





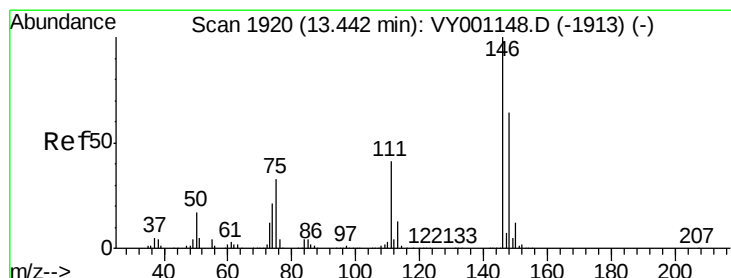
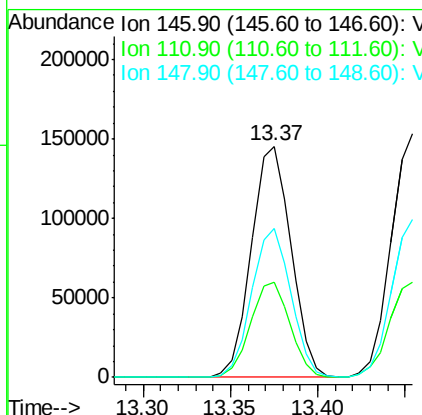
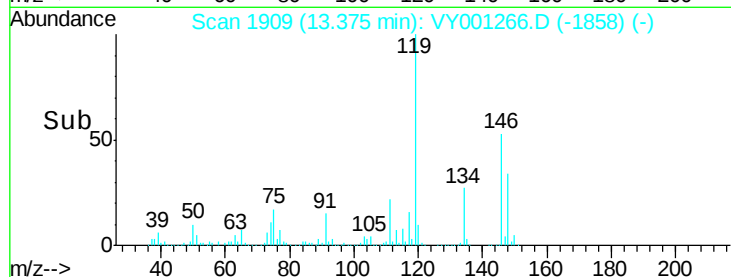
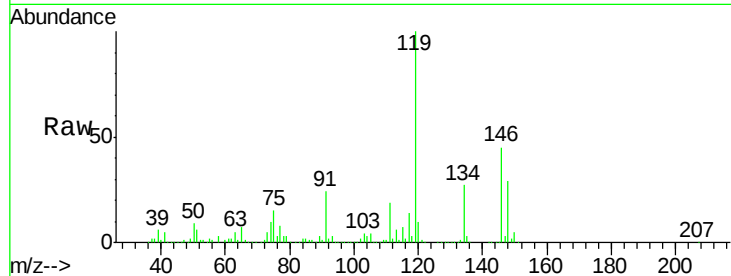
#87  
 1,3-Dichlorobenzene  
 Concen: 50.168 ug/l  
 RT: 13.37 min Scan# 1909  
 Delta R.T. 0.01 min  
 Lab File: VY001266.D  
 Acq: 17 Jan 2020 15:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.1  | 21.3  | 64.0  |
| 148     | 63.3  | 31.9  | 95.5  |

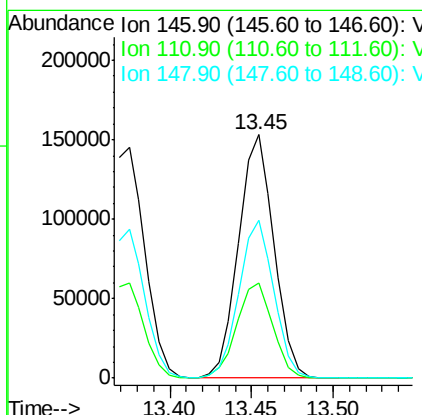
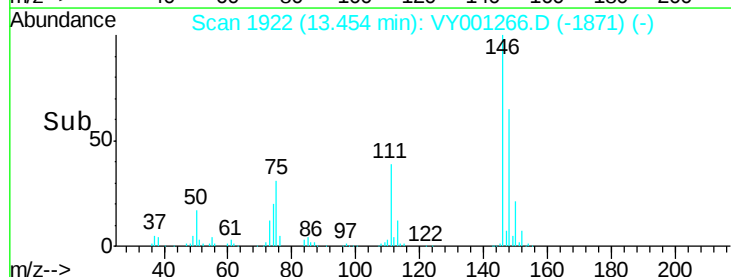
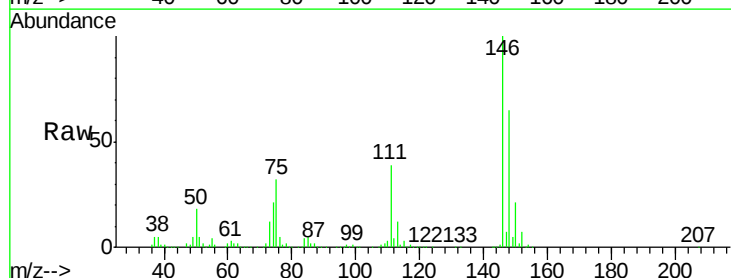
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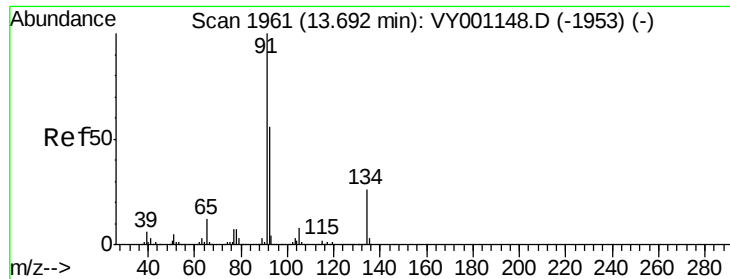
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#88  
 1,4-Dichlorobenzene  
 Concen: 49.081 ug/l  
 RT: 13.45 min Scan# 1922  
 Delta R.T. 0.01 min  
 Lab File: VY001266.D  
 Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.7  | 20.8  | 62.5  |
| 148     | 64.2  | 32.0  | 96.2  |





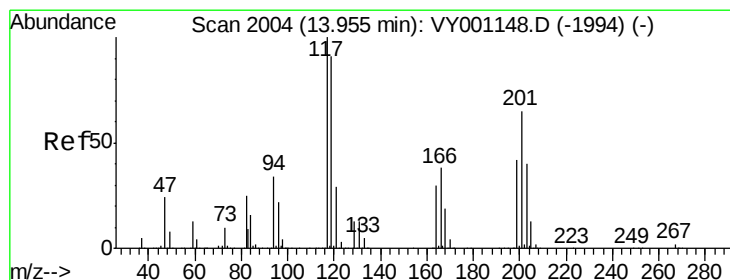
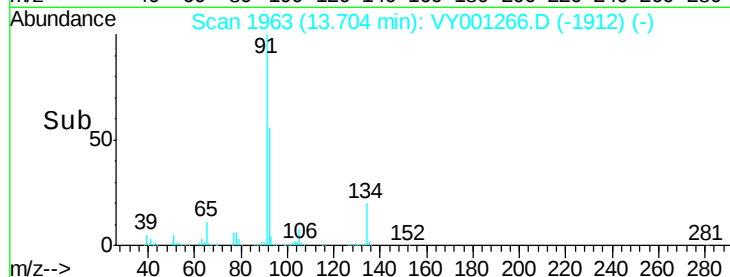
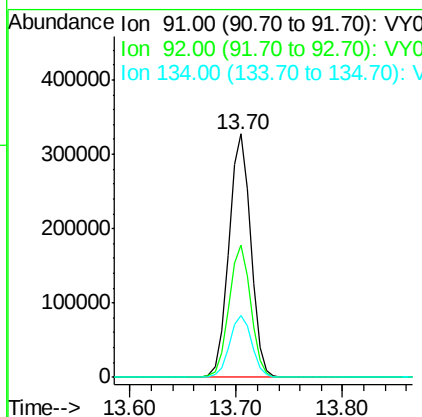
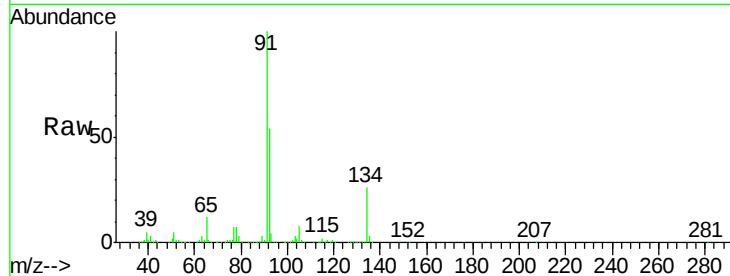
#89  
n-Butylbenzene  
Concen: 48.799 ug/l  
RT: 13.70 min Scan# 1963  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.1  | 27.7  | 83.1  |
| 134     | 25.9  | 12.9  | 38.6  |

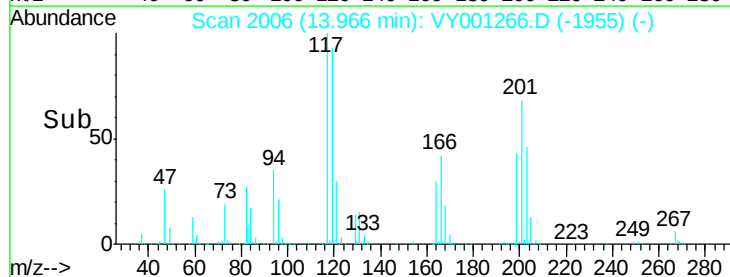
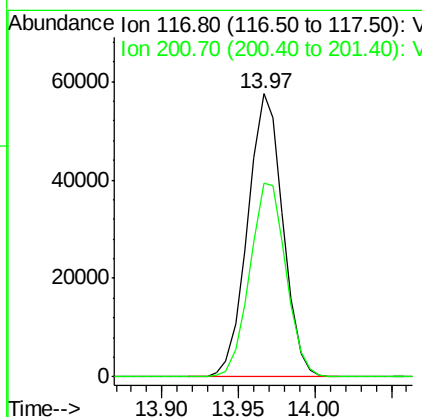
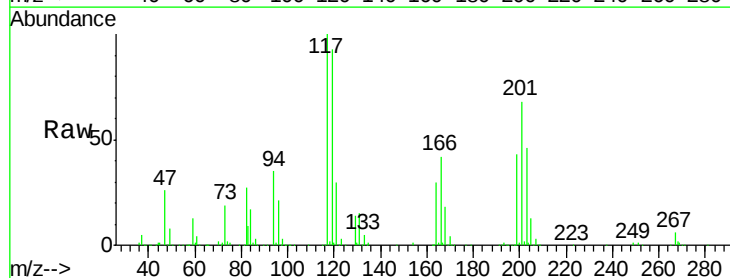
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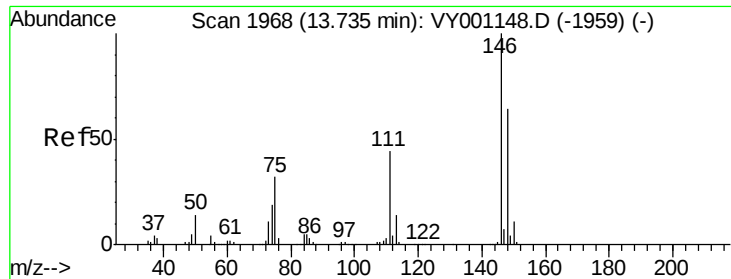
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#90  
Hexachloroethane  
Concen: 49.054 ug/l  
RT: 13.97 min Scan# 2006  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 70.0  | 35.4  | 106.2 |





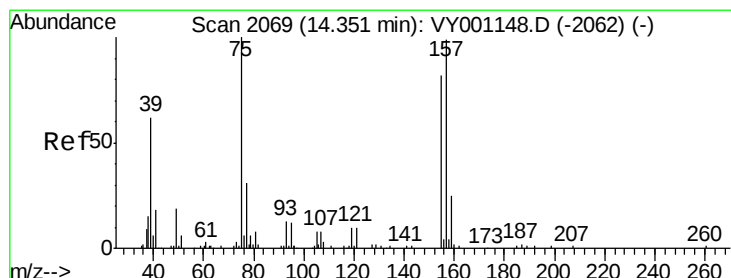
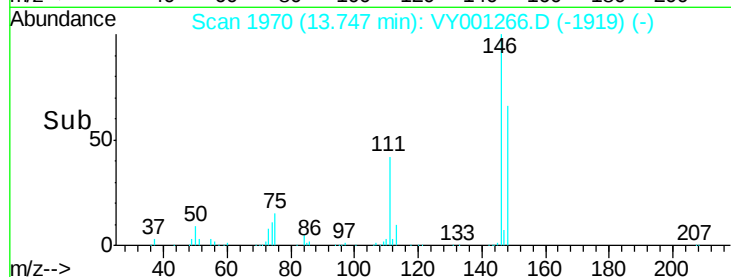
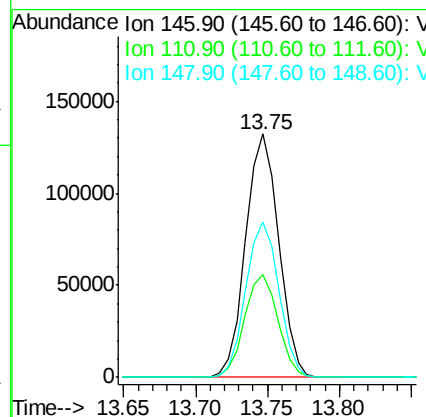
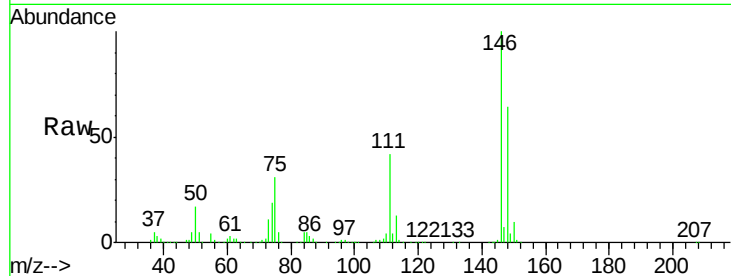
#91  
 1,2-Dichlorobenzene  
 Concen: 49.495 ug/l  
 RT: 13.75 min Scan# 1970  
 Delta R.T. 0.01 min  
 Lab File: VY001266.D  
 Acq: 17 Jan 2020 15:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 210593 |       |       |
| 111     | 42.8  | 22.0   | 66.0  |       |
| 148     | 63.7  | 32.1   | 96.3  |       |

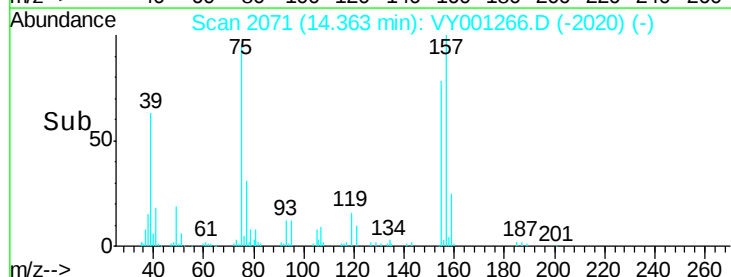
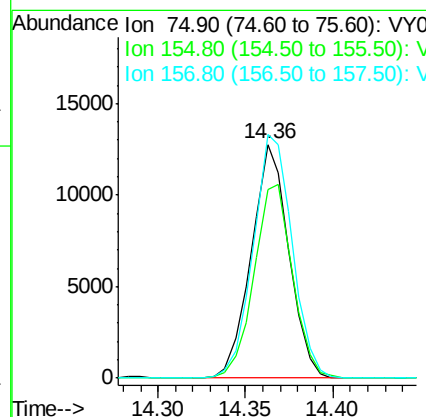
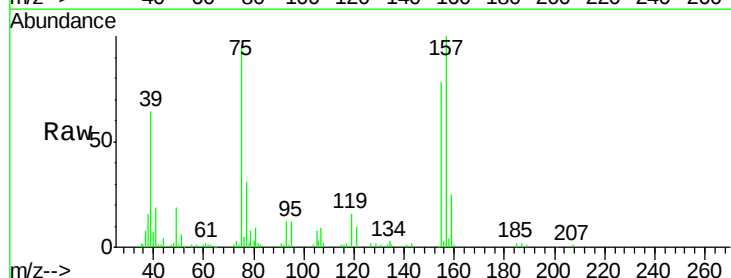
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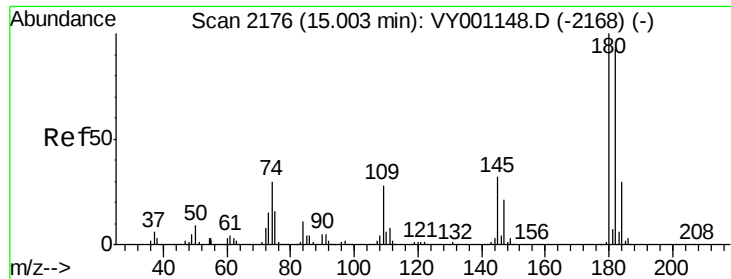
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 46.060 ug/l  
 RT: 14.36 min Scan# 2071  
 Delta R.T. 0.01 min  
 Lab File: VY001266.D  
 Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 19151 |       |       |
| 155     | 84.9  | 41.2  | 123.6 |       |
| 157     | 108.4 | 52.8  | 158.4 |       |





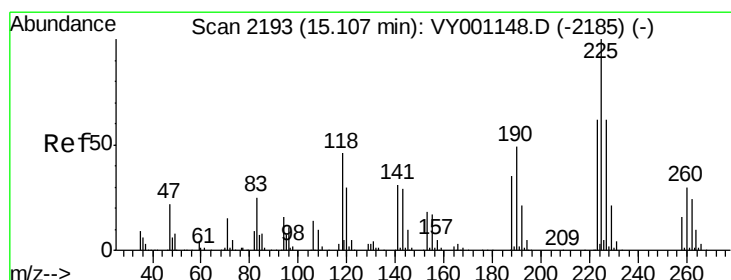
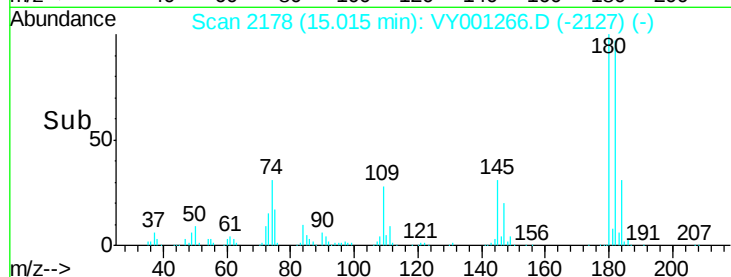
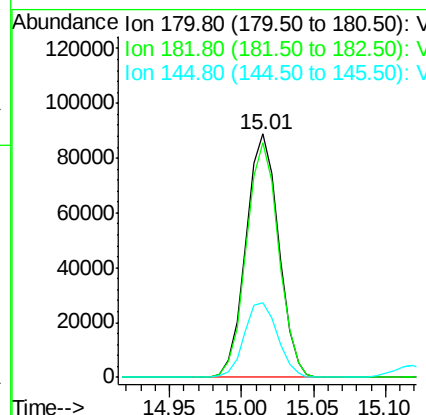
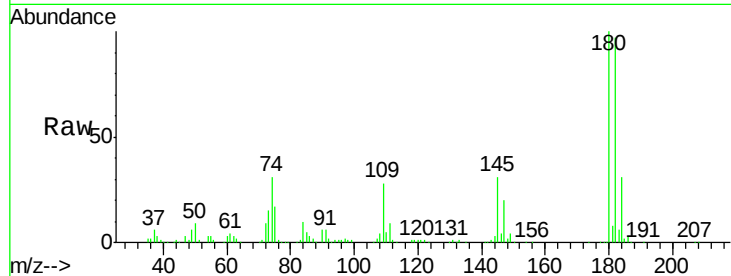
#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.791 ug/l  
 RT: 15.01 min Scan# 2178  
 Delta R.T. 0.01 min  
 Lab File: VY001266.D  
 Acq: 17 Jan 2020 15:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 139583 |       |       |
| 182     | 95.1  | 46.9   | 140.8 |       |
| 145     | 31.6  | 16.0   | 48.0  |       |

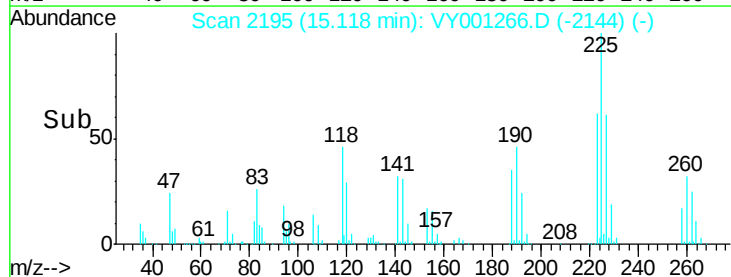
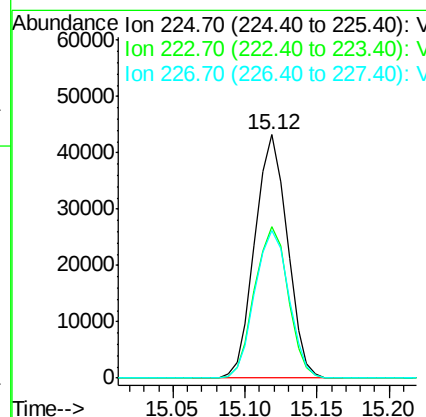
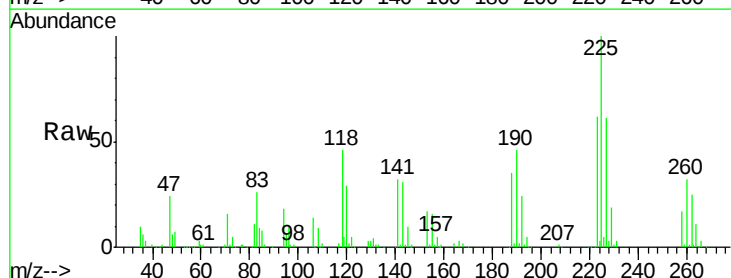
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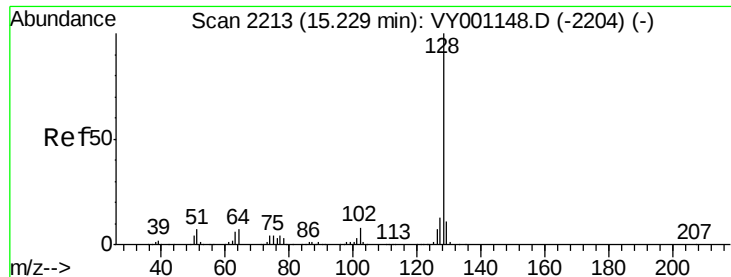
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#94  
 Hexachlorobutadiene  
 Concen: 47.917 ug/l  
 RT: 15.12 min Scan# 2195  
 Delta R.T. 0.01 min  
 Lab File: VY001266.D  
 Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 67673 |       |       |
| 223     | 63.6  | 31.1  | 93.3  |       |
| 227     | 63.3  | 31.3  | 93.9  |       |





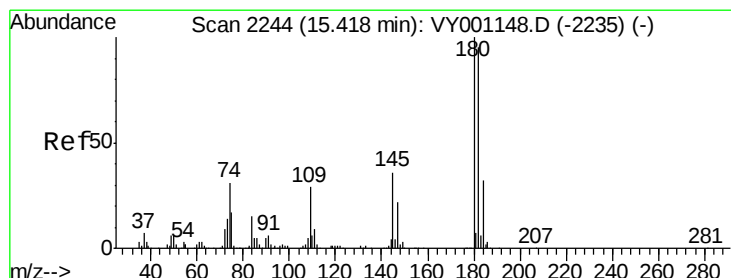
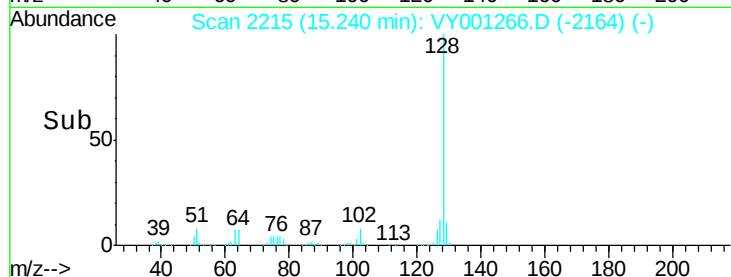
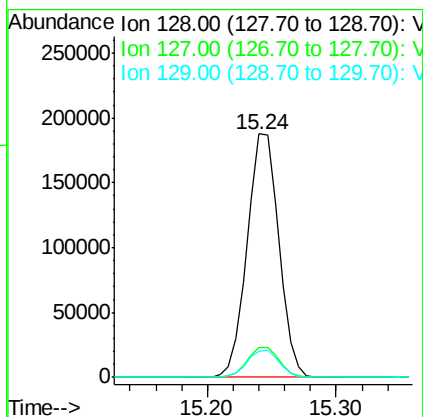
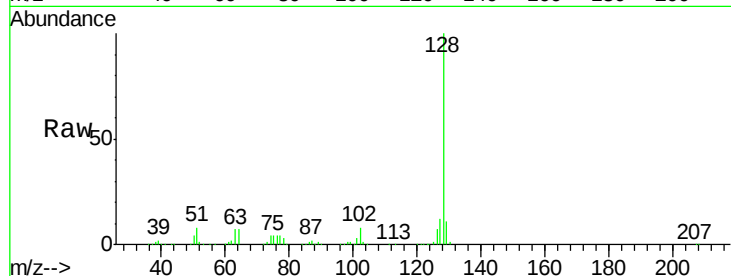
#95  
Naphthalene  
Concen: 48.651 ug/l  
RT: 15.24 min Scan# 2215  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 317515 |       |       |
| 127     | 12.6  |        | 10.2  | 15.4  |
| 129     | 11.3  |        | 8.5   | 12.7  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 50.478 ug/l  
RT: 15.43 min Scan# 2246  
Delta R.T. 0.01 min  
Lab File: VY001266.D  
Acq: 17 Jan 2020 15:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 124715 |       |       |
| 182     | 92.8  |        | 47.5  | 142.5 |
| 145     | 32.6  |        | 17.1  | 51.3  |

