

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120820\  
 Data File : VD067907.D  
 Acq On : 08 Dec 2020 11:26  
 Operator : VA/SY  
 Sample : VD1208SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1208SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 12/9/2020 9:29:04 AM

Quant Time: Dec 09 04:36:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D120120S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 02 08:05:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 206894   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 294311   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 272715   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 142482   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65    | 109821   | 49.44    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 50 - 163 | Recovery | =    | 98.88%  |
| 35) Dibromofluoromethane  | 7.92   | 113   | 96489    | 48.99    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 54 - 147 | Recovery | =    | 97.98%  |
| 50) Toluene-d8            | 10.34  | 98    | 355594   | 50.16    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 49 - 140 | Recovery | =    | 100.32% |
| 62) 4-Bromofluorobenzene  | 12.64  | 95    | 129167   | 52.70    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 25 - 144 | Recovery | =    | 105.40% |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 32523  | 18.063  | ug/l   | 93     |
| 3) Chloromethane              | 2.21 | 50  | 20891  | 20.104  | ug/l   | 95     |
| 4) Vinyl Chloride             | 2.36 | 62  | 25722  | 19.655  | ug/l   | 97     |
| 5) Bromomethane               | 2.76 | 94  | 27335  | 23.398  | ug/l   | 100    |
| 6) Chloroethane               | 2.93 | 64  | 17664  | 20.731  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 80718  | 20.156  | ug/l   | 96     |
| 8) Diethyl Ether              | 3.71 | 74  | 15516  | 19.879  | ug/l   | 92     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.10 | 101 | 35983  | 19.705  | ug/l   | 96     |
| 10) Methyl Iodide             | 4.31 | 142 | 35672  | 18.430  | ug/l   | 97     |
| 11) Tert butyl alcohol        | 5.19 | 59  | 13642  | 80.566  | ug/l # | 74     |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 33924  | 19.787  | ug/l # | 78     |
| 13) Acrolein                  | 3.92 | 56  | 6496   | 76.107  | ug/l   | 97     |
| 14) Allyl chloride            | 4.71 | 41  | 30584  | 19.284  | ug/l   | 91     |
| 15) Acrylonitrile             | 5.43 | 53  | 25292  | 93.451  | ug/l   | 98     |
| 16) Acetone                   | 4.17 | 43  | 22729  | 82.814  | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.41 | 76  | 88889  | 18.570  | ug/l   | 97     |
| 18) Methyl Acetate            | 4.71 | 43  | 9940   | 18.844  | ug/l   | 93     |
| 19) Methyl tert-butyl Ether   | 5.48 | 73  | 74349  | 20.253  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.97 | 84  | 42801  | 21.754  | ug/l   | 93     |
| 21) trans-1,2-Dichloroethene  | 5.48 | 96  | 39118  | 20.051  | ug/l   | 97     |
| 22) Diisopropyl ether         | 6.37 | 45  | 64111  | 20.098  | ug/l # | 92     |
| 23) Vinyl Acetate             | 6.31 | 43  | 177805 | 100.195 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 56469  | 20.194  | ug/l   | 99     |
| 25) 2-Butanone                | 7.21 | 43  | 26902  | 93.191  | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 7.22 | 77  | 68890  | 20.660  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 42208  | 19.780  | ug/l   | 94     |
| 28) Bromochloromethane        | 7.56 | 49  | 17516  | 19.730  | ug/l # | 96     |
| 29) Tetrahydrofuran           | 7.57 | 42  | 14589  | 88.758  | ug/l   | 93     |
| 30) Chloroform                | 7.71 | 83  | 75842  | 20.295  | ug/l   | 97     |
| 31) Cyclohexane               | 7.99 | 56  | 42055  | 17.972  | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97  | 81000  | 20.534  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.12 | 75  | 52269  | 20.515  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.30 | 43  | 12693  | 18.485  | ug/l # | 92     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 80596  | 20.907  | ug/l   | 93     |

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD1208SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 12/9/2020 9:29:04 AM

Quant Time: Dec 09 04:36:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D120120S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 02 08:05:58 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 59560    | 19.726  | ug/l   | 95       |
| 40) Benzene                    | 8.36  | 78   | 140337   | 20.130  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.52  | 41   | 6118     | 15.690  | ug/l # | 75       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 49890    | 20.079  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 25375    | 18.781  | ug/l # | 82       |
| 44) Trichloroethene            | 9.11  | 130  | 49205    | 20.528  | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 28046    | 19.601  | ug/l   | 99       |
| 46) Dibromomethane             | 9.48  | 93   | 20734    | 20.841  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.67  | 83   | 56955    | 20.082  | ug/l   | 94       |
| 48) Methyl methacrylate        | 9.46  | 41   | 13686    | 19.948  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 3948     | 347.299 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 58927    | 92.150  | ug/l   | 96       |
| 52) Toluene                    | 10.41 | 92   | 102514   | 21.032  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 49896    | 20.383  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 55077    | 20.684  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 27049    | 19.867  | ug/l   | 94       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 26284    | 18.975  | ug/l   | 92       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 41265    | 19.134  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 50693    | 80.423  | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.98 | 43   | 41939    | 93.034  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 40915    | 19.936  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 25824    | 19.288  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.88 | 164  | 45371    | 20.396  | ug/l   | 91       |
| 65) Chlorobenzene              | 11.67 | 112  | 114105   | 20.278  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.75 | 131  | 47029    | 20.491  | ug/l   | 95       |
| 67) Ethyl Benzene              | 11.75 | 91   | 197745   | 20.629  | ug/l   | 93       |
| 68) m/p-Xylenes                | 11.86 | 106  | 155649   | 41.179  | ug/l   | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 73622    | 21.940  | ug/l   | 94       |
| 70) Styrene                    | 12.20 | 104  | 121513   | 20.825  | ug/l   | 98       |
| 71) Bromoform                  | 12.37 | 173  | 25071    | 20.636  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 206118   | 21.036  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.29 | 43   | 22035    | 18.180  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 24397    | 18.859  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 22543m   | 21.726  | ug/l   |          |
| 77) Bromobenzene               | 12.77 | 156  | 49065    | 20.142  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.83 | 91   | 231121   | 21.282  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 131507   | 20.584  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 179386   | 21.145  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 7475     | 17.233  | ug/l # | 86       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 138359   | 20.301  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 154155   | 21.354  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 174668   | 20.705  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 196377   | 20.381  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 197385   | 20.902  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 96060    | 20.443  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 96849    | 20.602  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.85 | 91   | 158669   | 20.224  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.11 | 117  | 34196    | 19.614  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 83338    | 20.449  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 5246     | 19.431  | ug/l   | 92       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120820\  
Data File : VD067907.D  
Acq On : 08 Dec 2020 11:26  
Operator : VA/SY  
Sample : VD1208SBSD01  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBSD01

Manual Integrations  
APPROVED

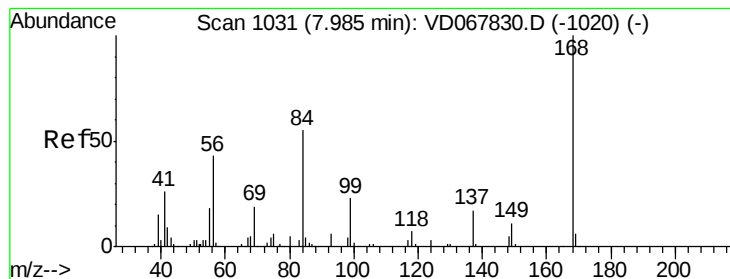
MMDadoda  
12/9/2020 9:29:04 AM

Quant Time: Dec 09 04:36:48 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D120120S.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 02 08:05:58 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 58398    | 20.485 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 36678    | 19.717 | ug/l  | 97       |
| 95) Naphthalene            | 15.41 | 128  | 90237    | 19.453 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 49675    | 20.178 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Instrument :

MSVOA\_D

ClientSampleId :

VD1208SBS01

Tot Ion:168 Resp: 206894

Ion Ratio Lower Upper

168 100

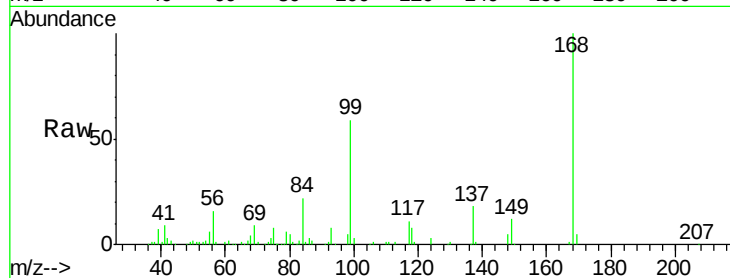
99 58.6 47.1 70.7

Manual Integrations

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MMDadoda

12/9/2020 9:29:04 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

60000

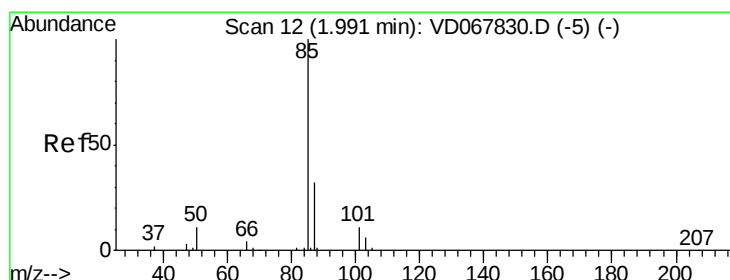
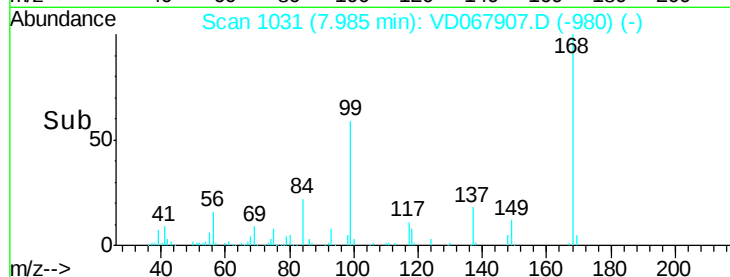
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.063 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067907.D

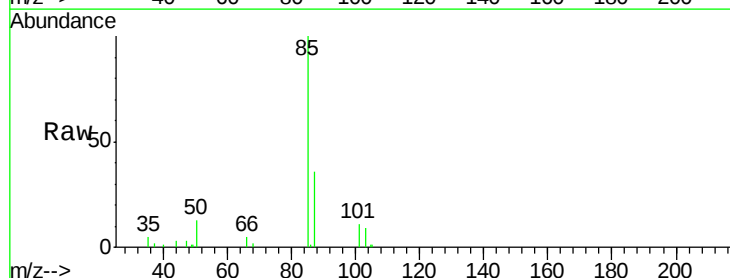
Acq: 08 Dec 2020 11:26

Tgt Ion: 85 Resp: 32523

Ion Ratio Lower Upper

85 100

87 35.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

25000

20000

15000

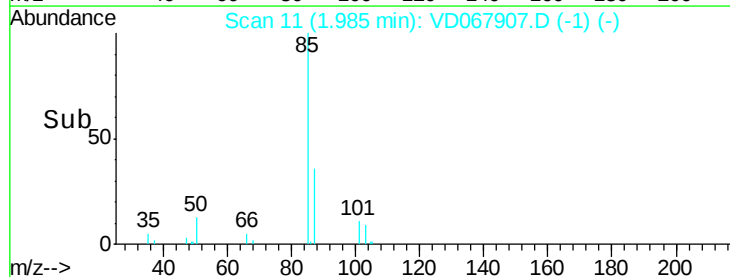
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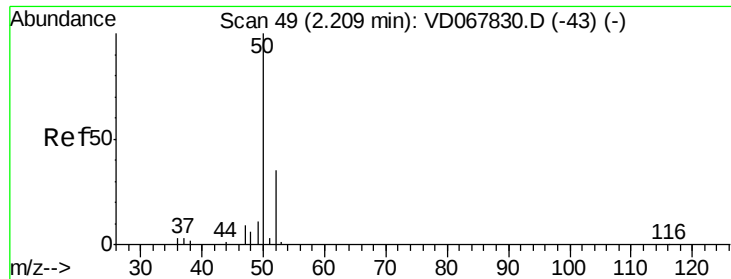
5000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.104 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Instrument :

MSVOA\_D

ClientSampleId :

VD1208SBS01

Tot Ion: 50 Resp: 20891

Ion Ratio Lower Upper

50 100

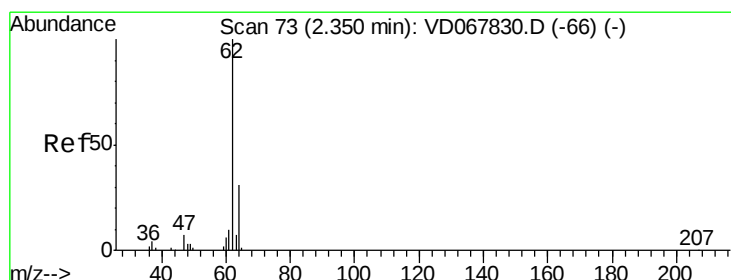
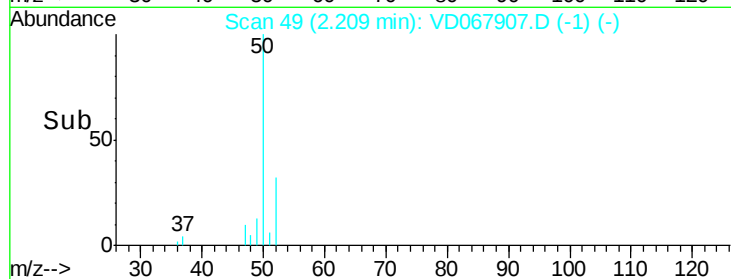
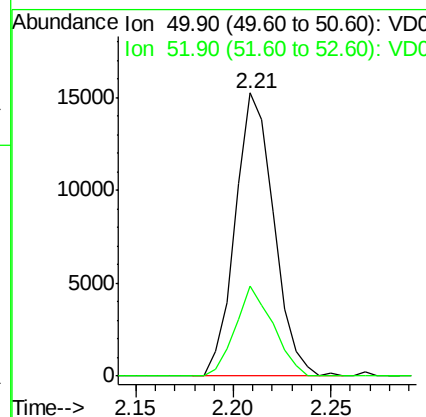
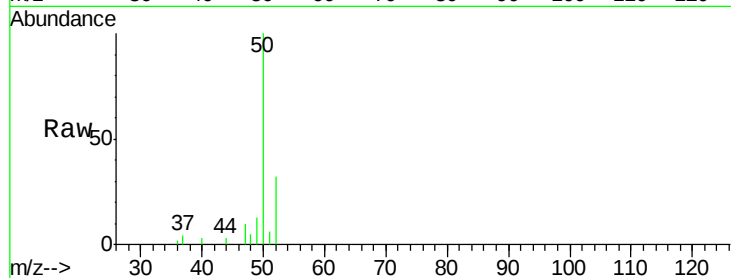
52 31.7 27.8 41.6

Manual Integrations

APPROVED

MMDadoda

12/9/2020 9:29:04 AM



#4

Vinyl Chloride

Concen: 19.655 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD067907.D

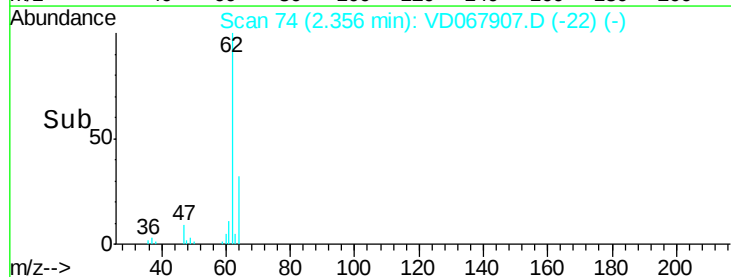
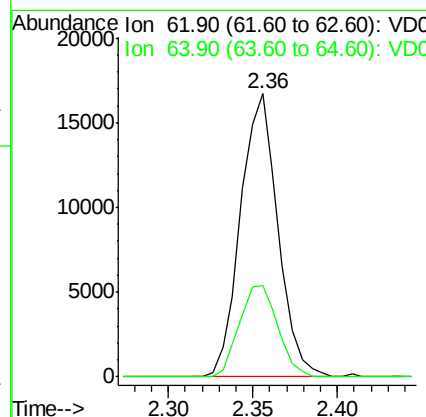
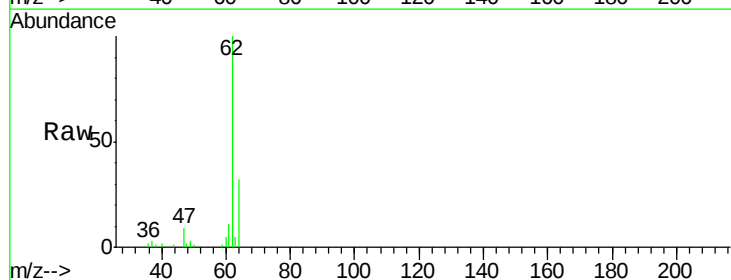
Acq: 08 Dec 2020 11:26

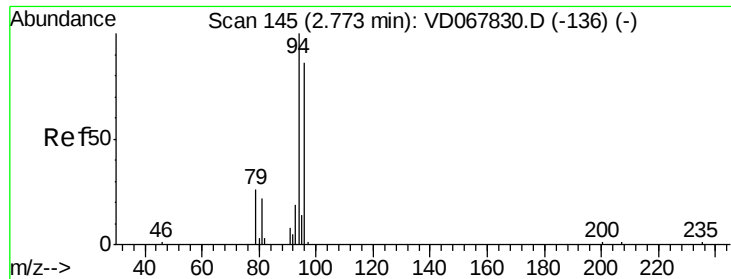
Tgt Ion: 62 Resp: 25722

Ion Ratio Lower Upper

62 100

64 32.4 24.5 36.7





#5

Bromomethane

Concen: 23.398 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Instrument :

MSVOA\_D

ClientSampleId :

VD1208SBS01

Tot Ion: 94 Resp: 27335

Ion Ratio Lower Upper

94 100

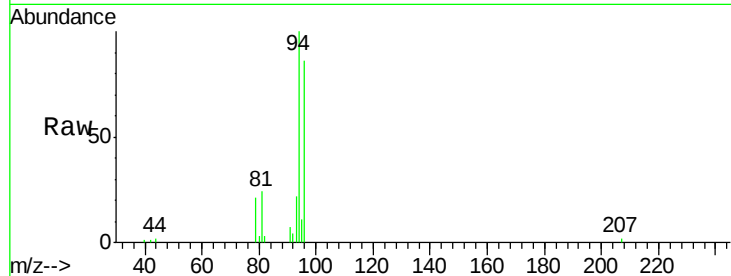
96 85.7 68.7 103.1

Manual Integrations

APPROVED

MMDadoda

12/9/2020 9:29:04 AM



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

15000

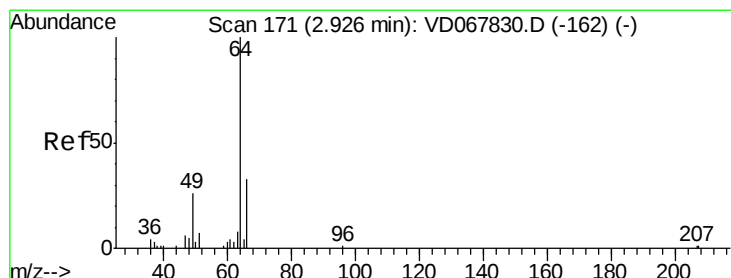
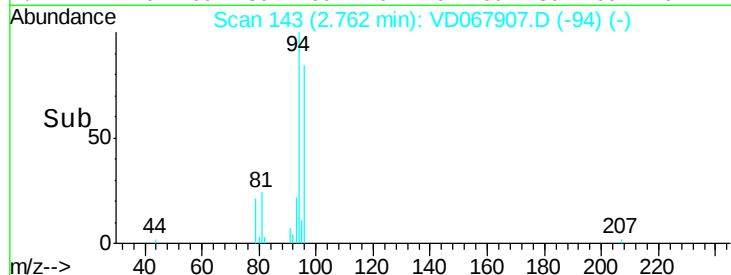
2.76

10000

5000

0

Time-->



#6

Chloroethane

Concen: 20.731 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD067907.D

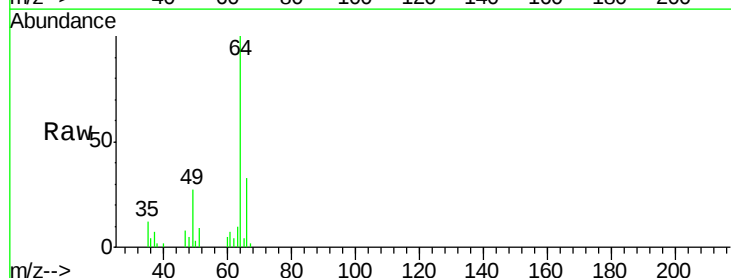
Acq: 08 Dec 2020 11:26

Tgt Ion: 64 Resp: 17664

Ion Ratio Lower Upper

64 100

66 33.3 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

8000

2.93

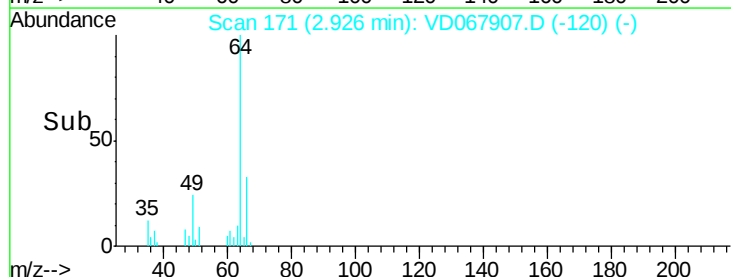
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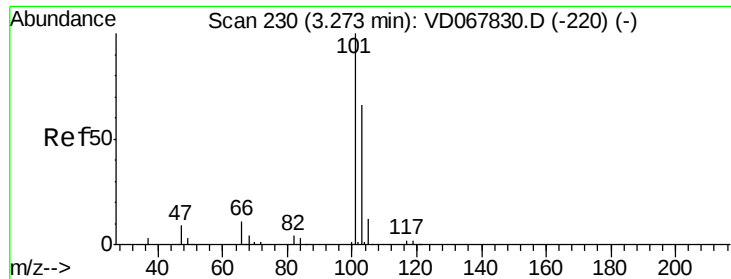
4000

2000

0

Time-->





#7

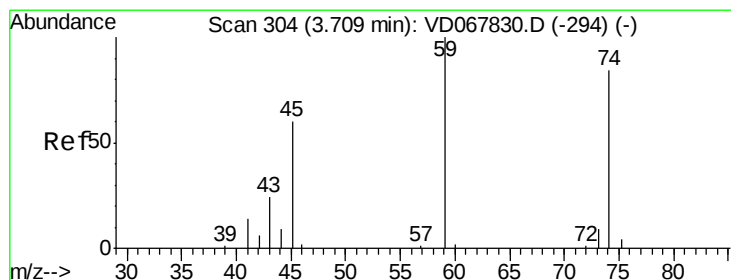
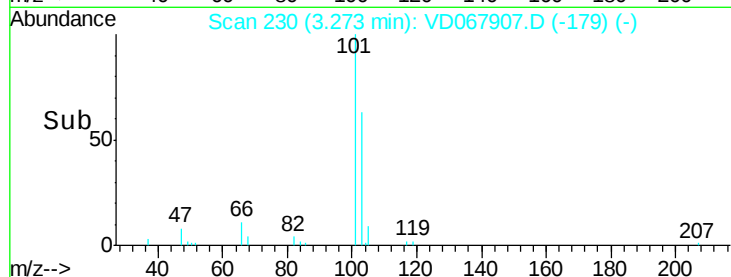
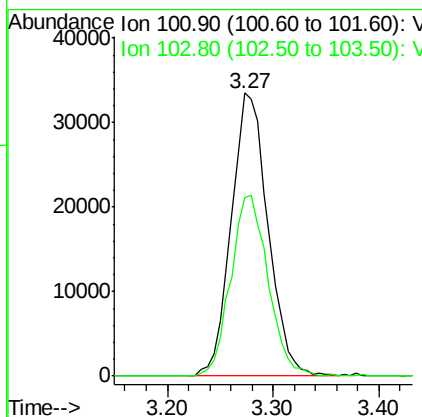
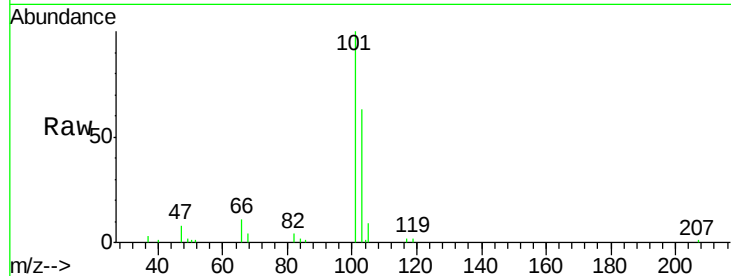
Trichlorofluoromethane  
Concen: 20.156 ug/l  
RT: 3.27 min Scan# 230  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.1  | 53.0  | 79.6  |

Manual Integrations  
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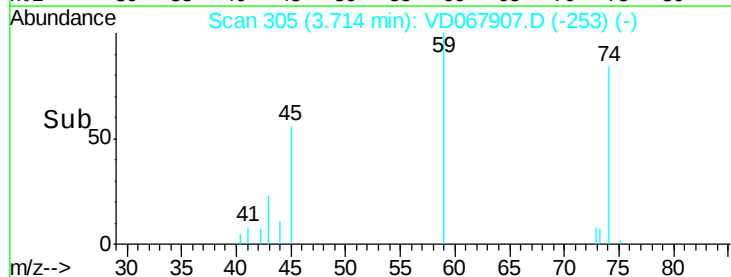
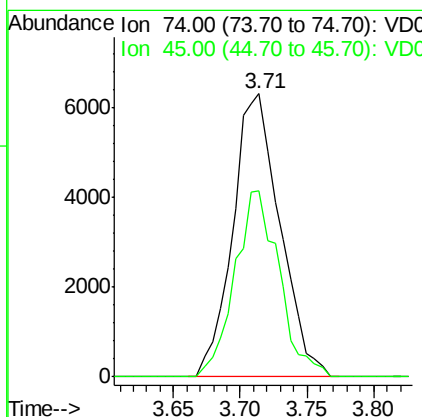
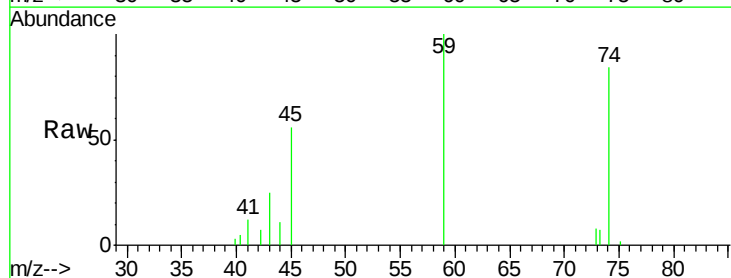
MMDadoda  
12/9/2020 9:29:04 AM

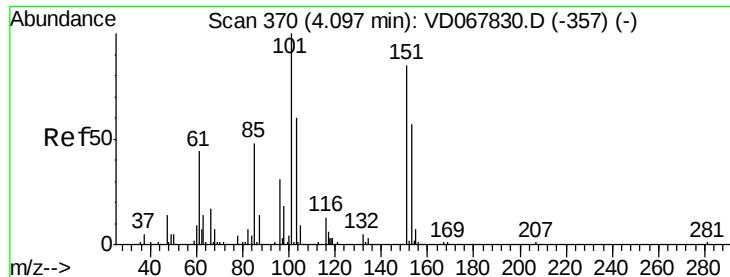


#8

Diethyl Ether  
Concen: 19.879 ug/l  
RT: 3.71 min Scan# 305  
Delta R.T. 0.01 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 61.6  | 33.9  | 101.7 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.705 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Instrument :

MSVOA\_D

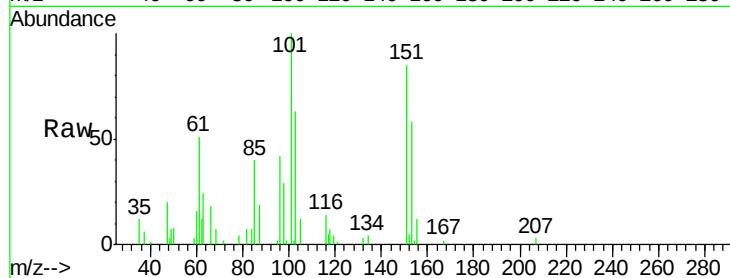
ClientSampleId :

VD1208SBS01

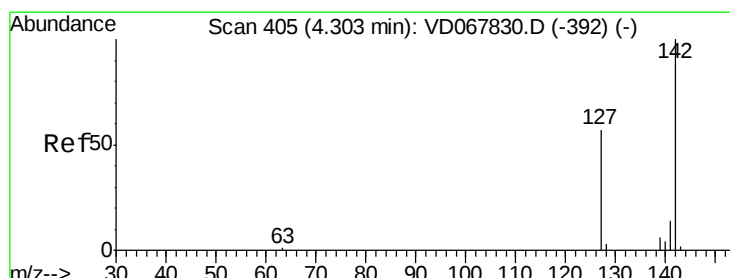
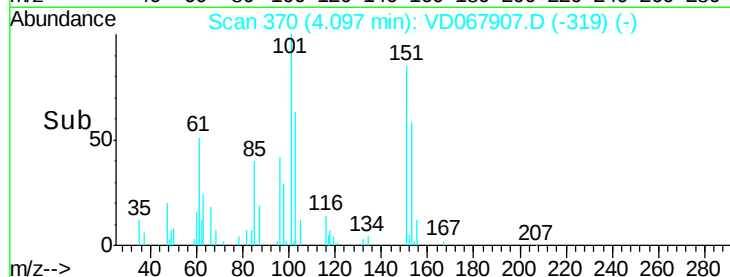
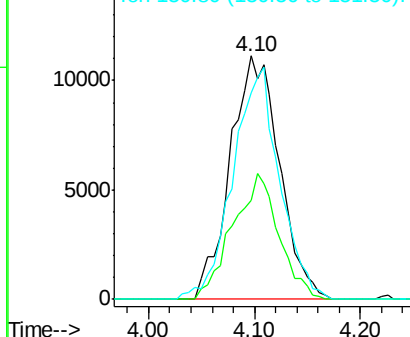
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 35983 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 48.4  | 36.2  | 54.4  |
| 151       | 90.6  | 69.4  | 104.2 |

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



#10

Methyl Iodide

Concen: 18.430 ug/l

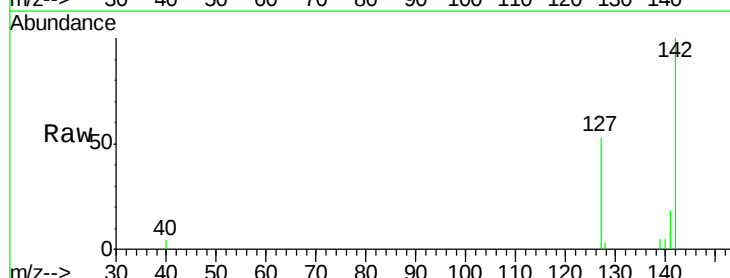
RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

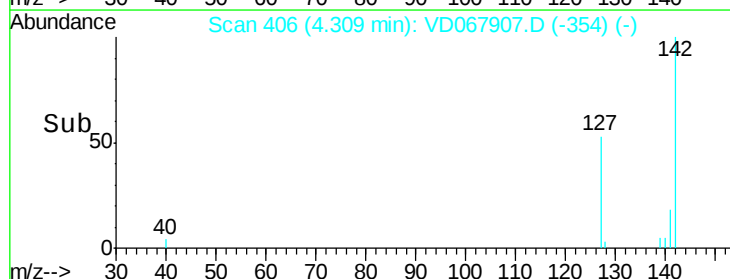
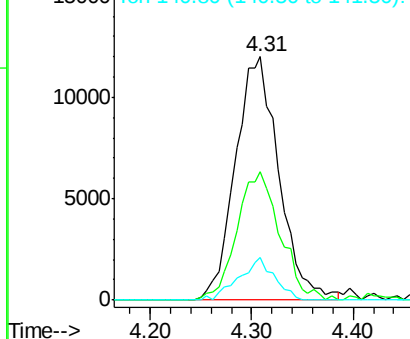
Lab File: VD067907.D

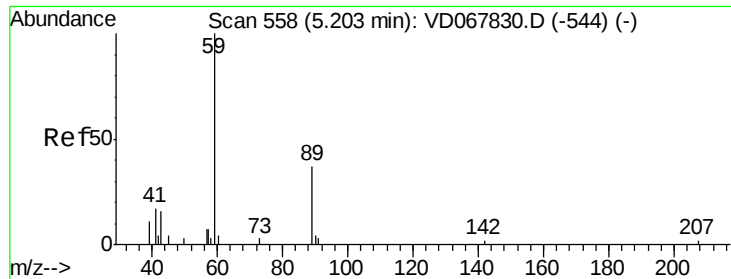
Acq: 08 Dec 2020 11:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 35672 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 52.4  | 43.9  | 65.9  |
| 141       | 14.2  | 12.2  | 18.2  |



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





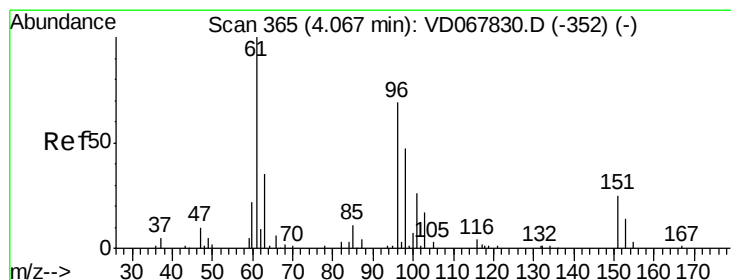
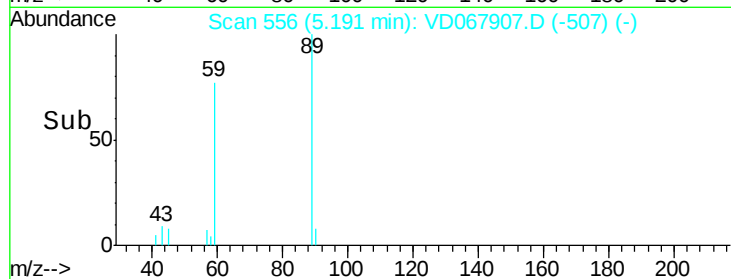
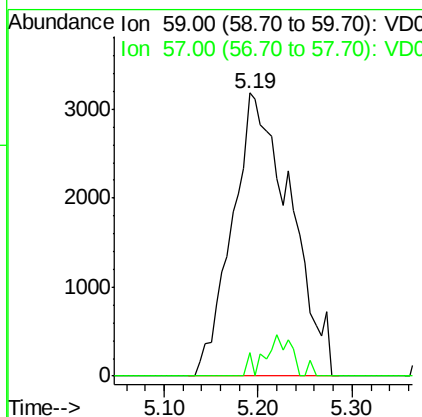
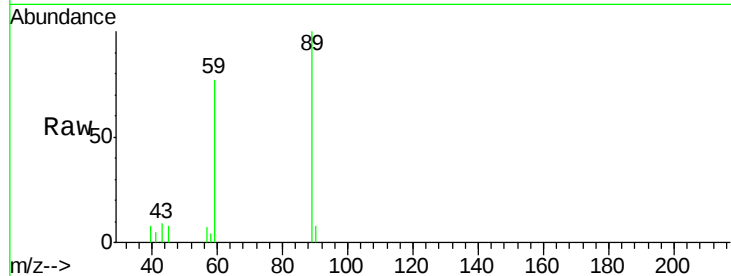
#11  
Tert butyl alcohol  
Concen: 80.566 ug/l  
RT: 5.19 min Scan# 556  
Delta R.T. -0.01 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

Tot Ion: 59 Resp: 13642  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.7 11.5#

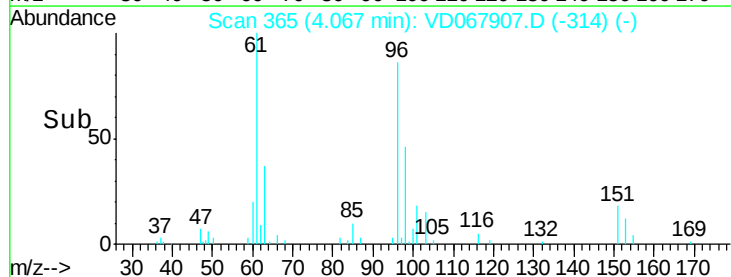
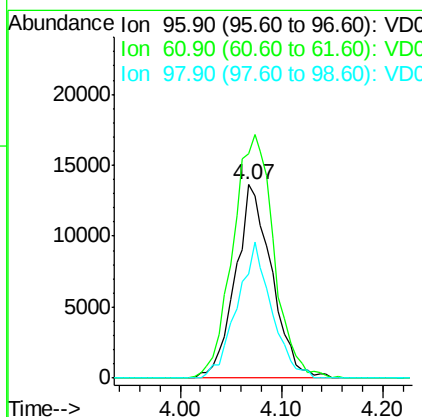
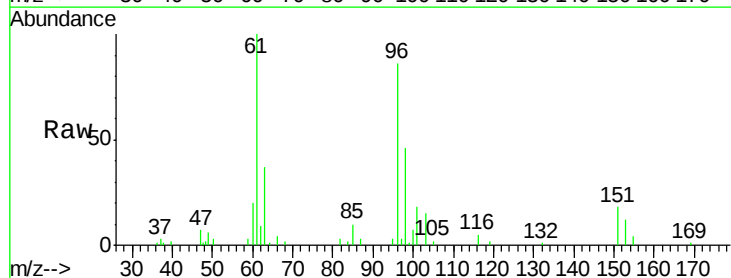
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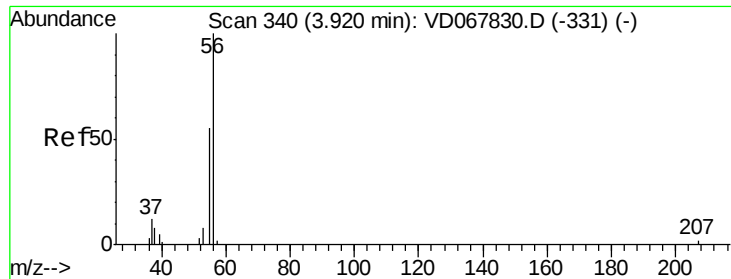
MMDadoda  
12/9/2020 9:29:04 AM



#12  
1,1-Dichloroethene  
Concen: 19.787 ug/l  
RT: 4.07 min Scan# 365  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Tgt Ion: 96 Resp: 33924  
Ion Ratio Lower Upper  
96 100  
61 116.1 116.1 174.1#  
98 53.5 54.6 82.0#





#13

Acrolein

Concen: 76.107 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Instrument :

MSVOA\_D

ClientSampleId :

VD1208SBS01

Tot Ion: 56 Resp: 6496

Ion Ratio Lower Upper

56 100

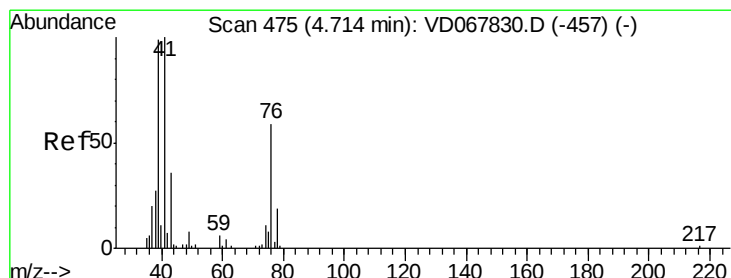
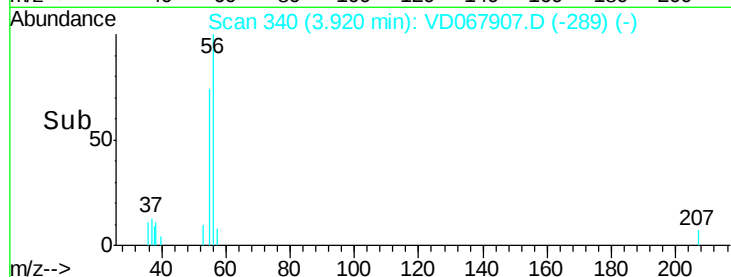
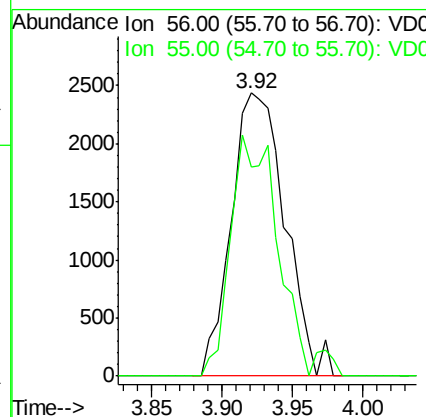
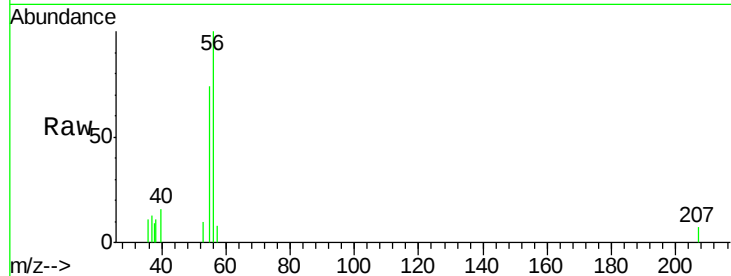
55 73.2 56.5 84.7

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#14

Allyl chloride

Concen: 19.284 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

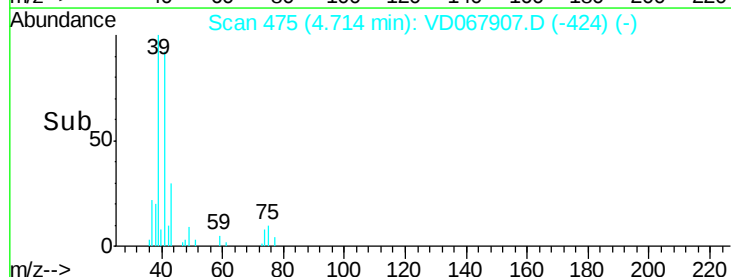
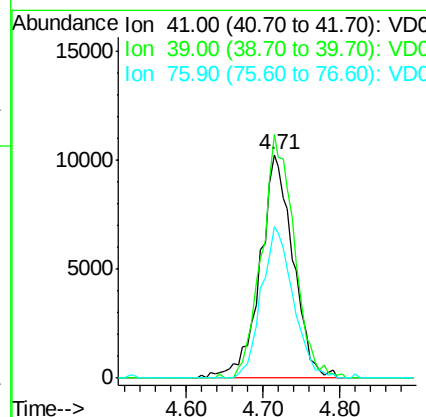
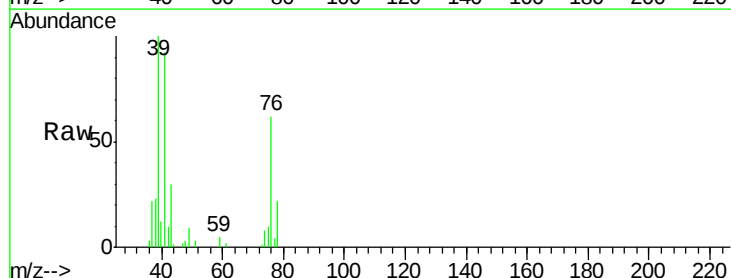
Tgt Ion: 41 Resp: 30584

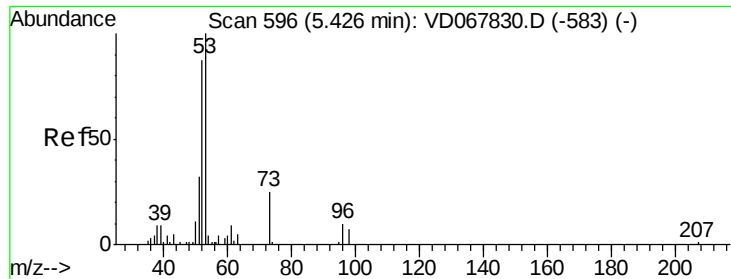
Ion Ratio Lower Upper

41 100

39 107.0 79.0 118.6

76 65.1 46.6 70.0





#15

Acrylonitrile

Concen: 93.451 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Instrument :

MSVOA\_D

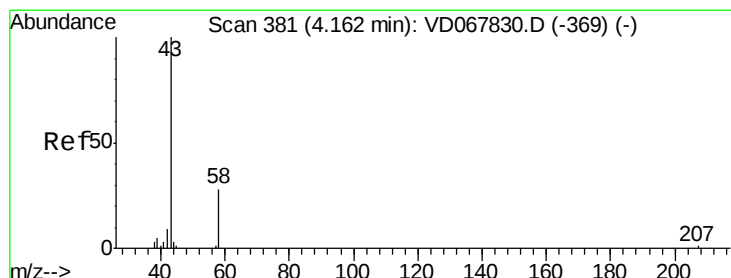
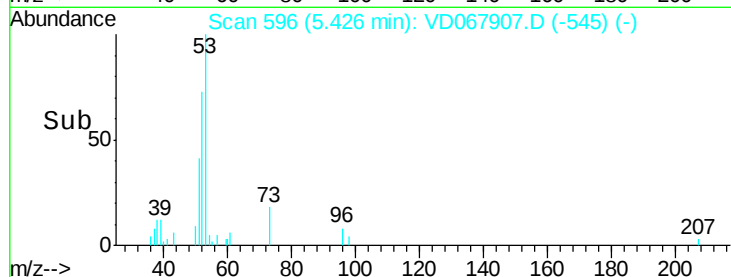
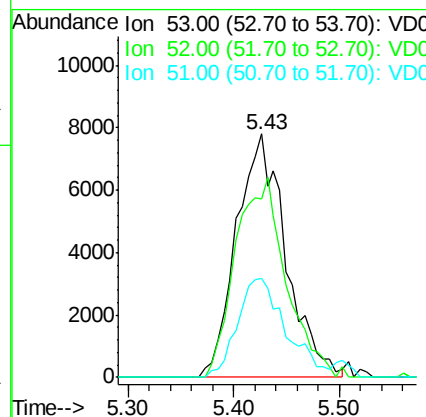
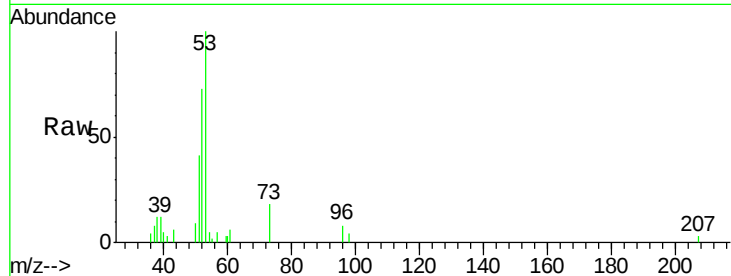
ClientSampleId :

VD1208SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 25292 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 84.4  | 66.2  | 99.2  |
| 51       | 40.0  | 31.1  | 46.7  |

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#16

Acetone

Concen: 82.814 ug/l

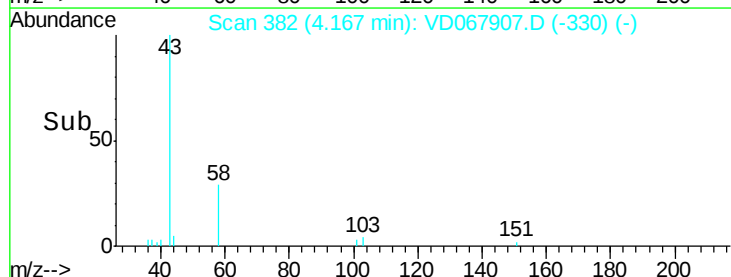
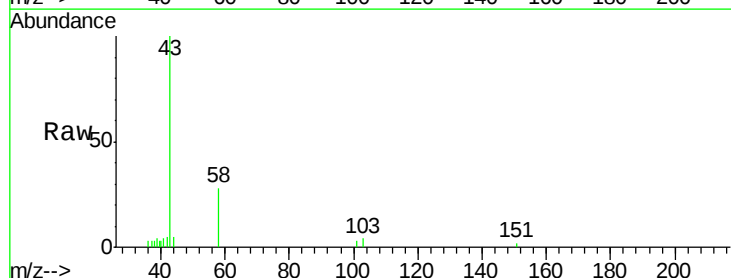
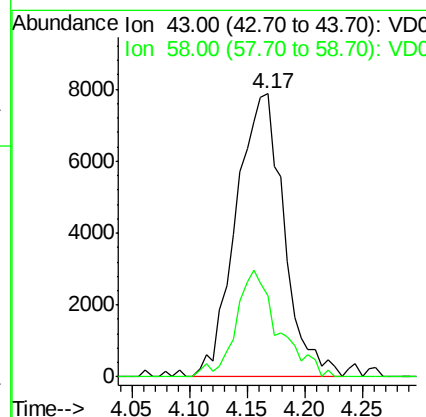
RT: 4.17 min Scan# 382

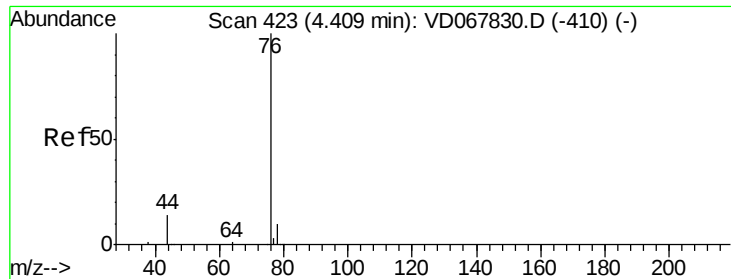
Delta R.T. 0.01 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 22729 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.5  | 21.9  | 32.9  |





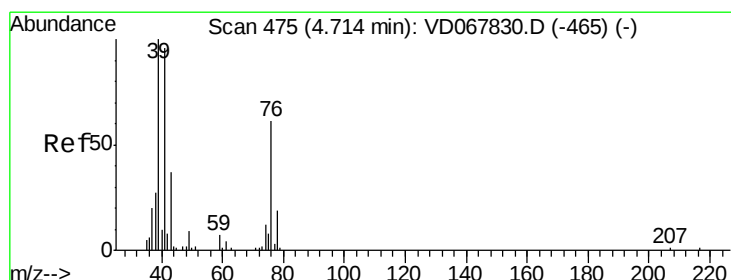
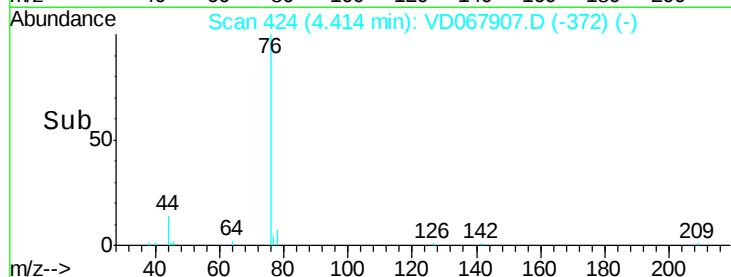
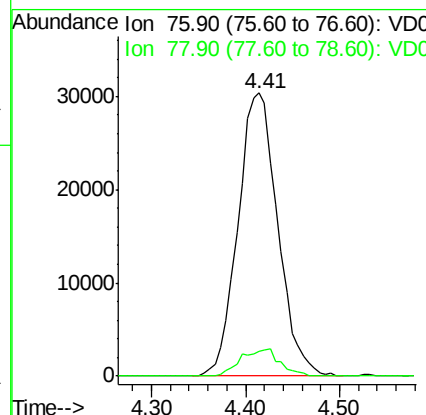
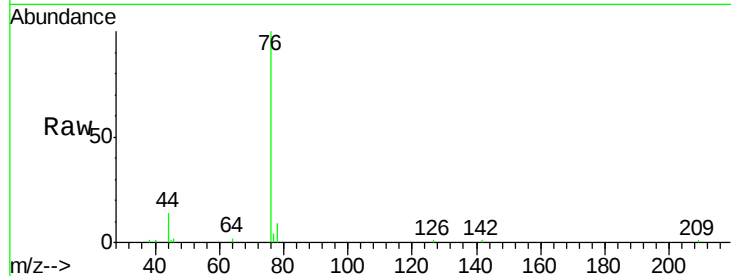
#17  
Carbon Disulfide  
Concen: 18.570 ug/l  
RT: 4.41 min Scan# 424  
Delta R.T. 0.01 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.7   | 7.8   | 11.6  |

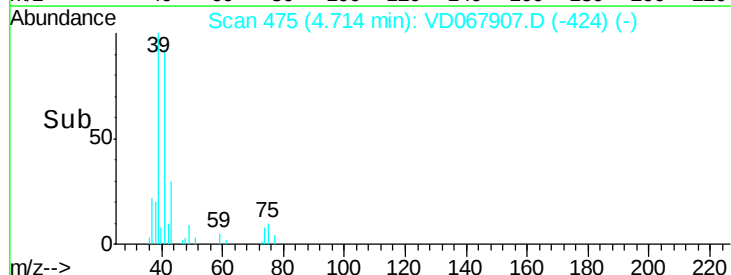
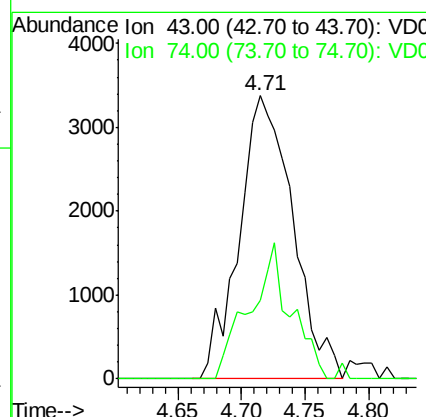
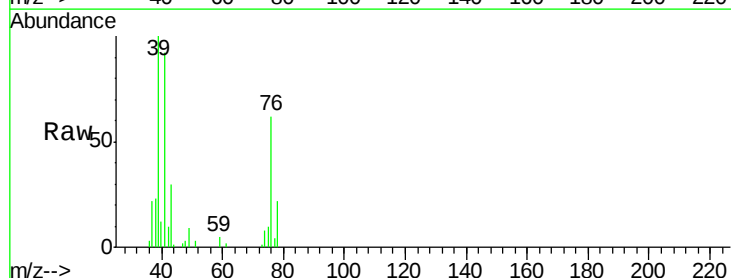
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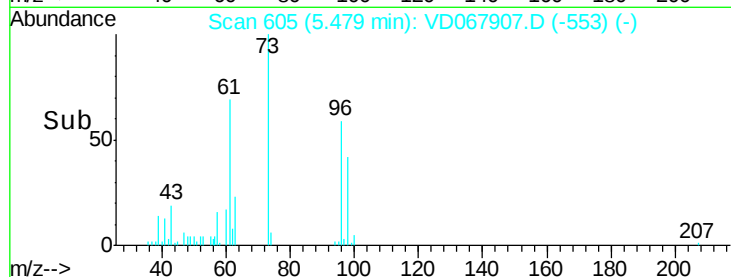
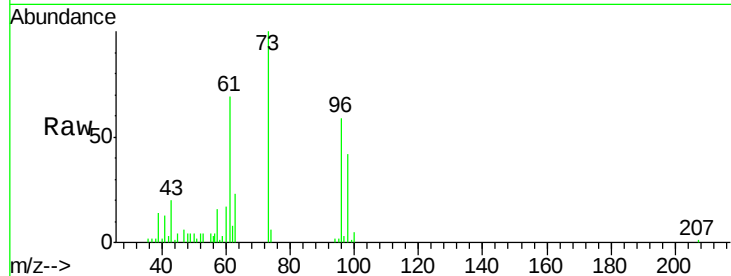
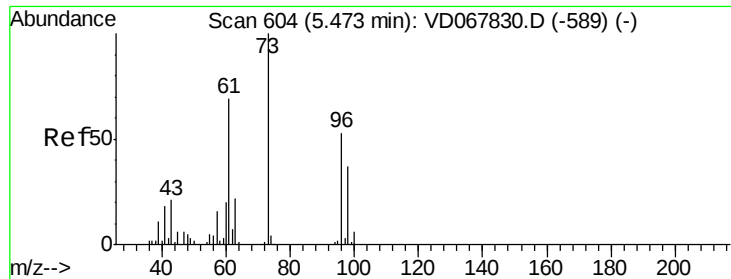
MMDadoda  
12/9/2020 9:29:04 AM



#18  
Methyl Acetate  
Concen: 18.844 ug/l  
RT: 4.71 min Scan# 475  
Delta R.T. 0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 37.5  | 27.0  | 40.4  |





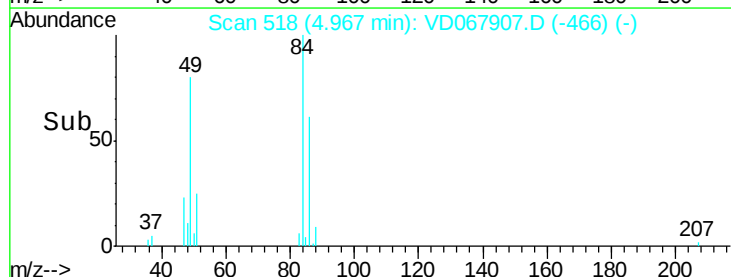
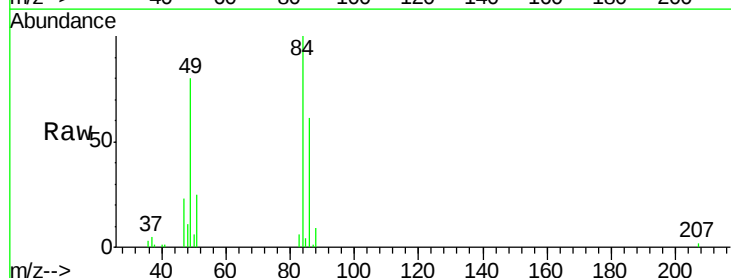
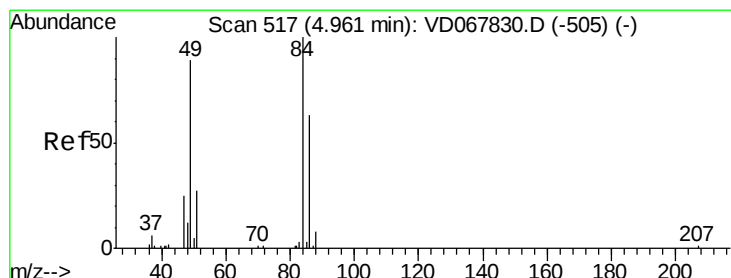
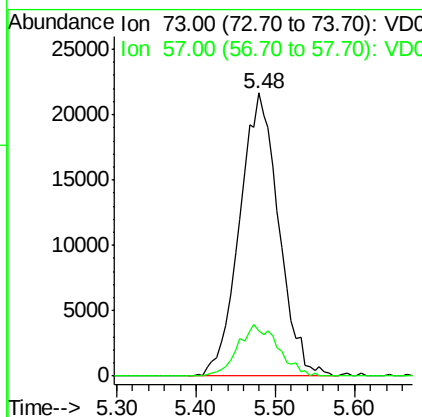
#19  
Methyl tert-butyl Ether  
Concen: 20.253 ug/l  
RT: 5.48 min Scan# 605  
Delta R.T. 0.01 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Tot Ion: 73 Resp: 74349  
Ion Ratio Lower Upper  
73 100  
57 16.1 13.2 19.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

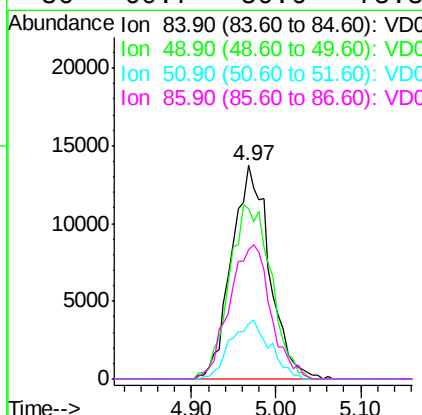
Manual Integrations  
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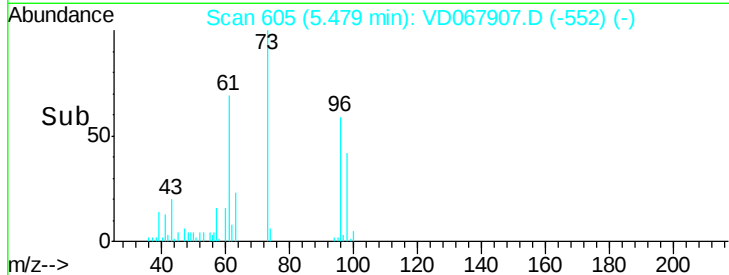
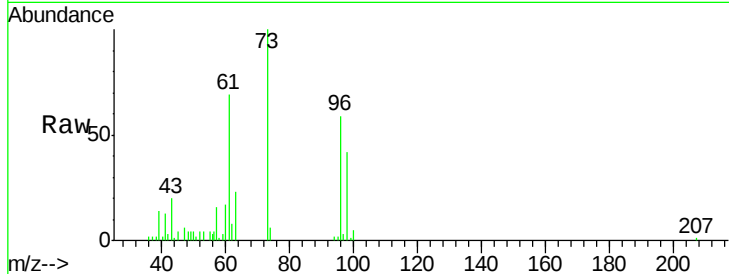
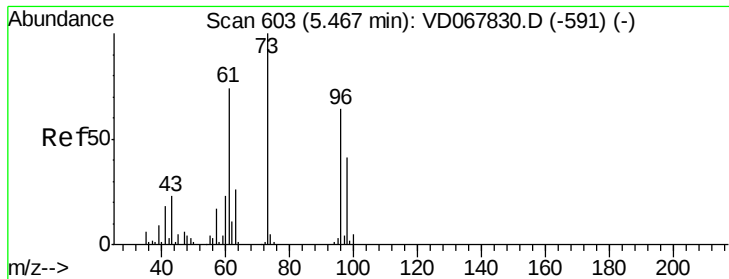
MMDadoda  
12/9/2020 9:29:04 AM



#20  
Methylene Chloride  
Concen: 21.754 ug/l  
RT: 4.97 min Scan# 518  
Delta R.T. 0.01 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Tgt Ion: 84 Resp: 42801  
Ion Ratio Lower Upper  
84 100  
49 79.9 71.4 107.0  
51 25.5 21.8 32.8  
86 60.7 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.051 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067907.D

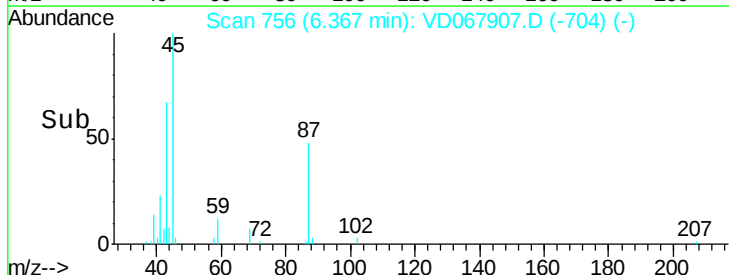
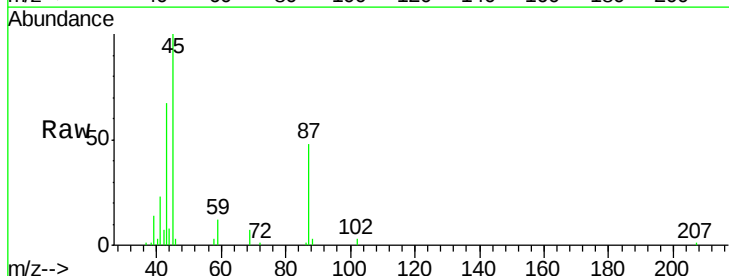
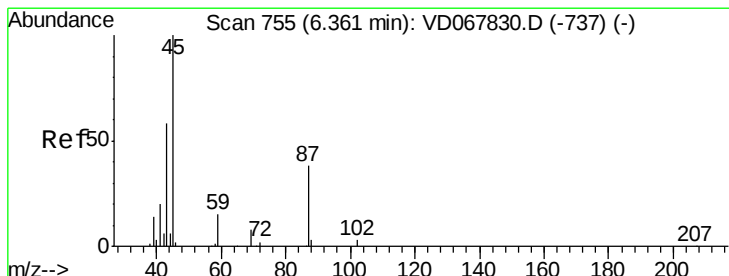
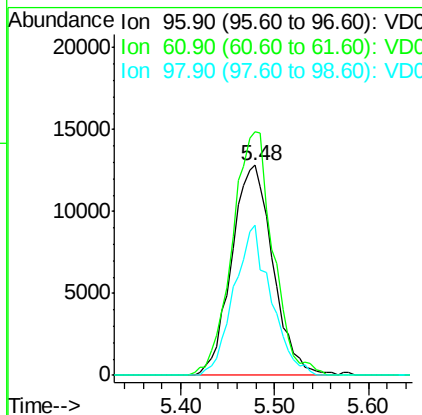
Acq: 08 Dec 2020 11:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 39118 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 115.8 | 93.1  | 139.7 |
| 98       | 71.7  | 52.2  | 78.2  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

Manual Integrations  
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MMDadoda  
12/9/2020 9:29:04 AM



#22

Diisopropyl ether

Concen: 20.098 ug/l

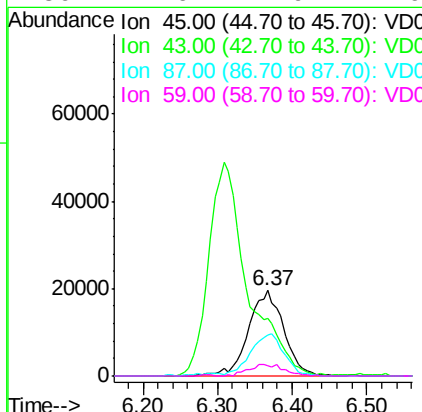
RT: 6.37 min Scan# 756

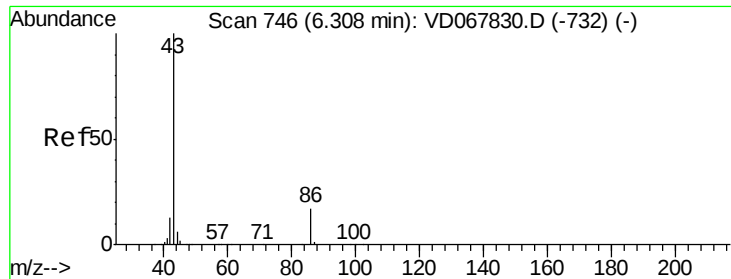
Delta R.T. 0.01 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 64111 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 66.3  | 49.8  | 74.6  |
| 87       | 48.0  | 32.1  | 48.1  |
| 59       | 11.6  | 11.9  | 17.9# |





#23

Vinyl Acetate

Concen: 100.195 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Instrument :

MSVOA\_D

ClientSampleId :

VD1208SBS01

Tot Ion: 43 Resp: 177805

Ion Ratio Lower Upper

43 100

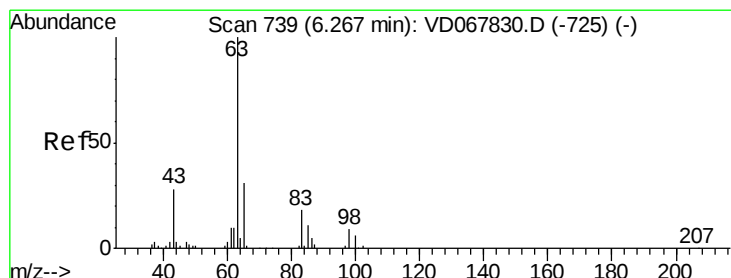
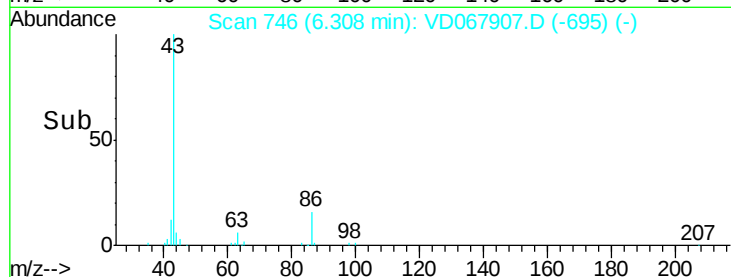
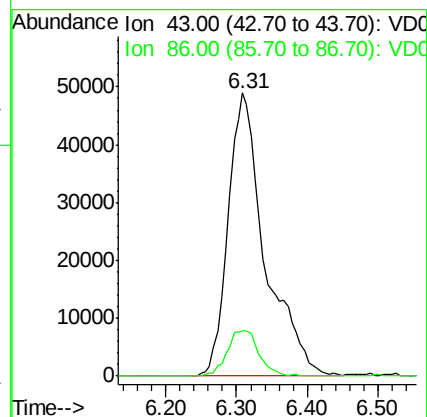
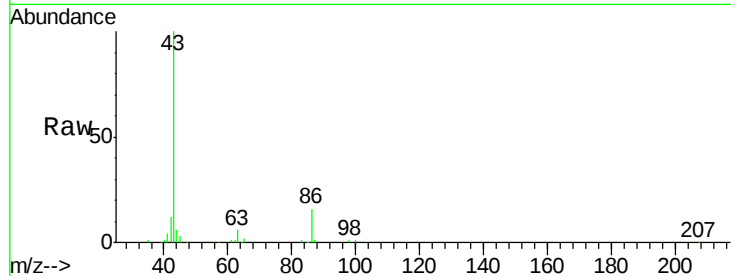
86 16.1 13.8 20.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.194 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

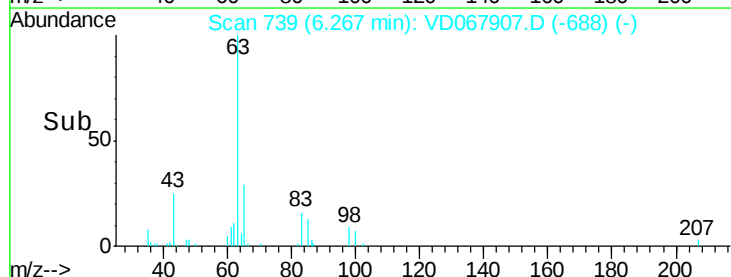
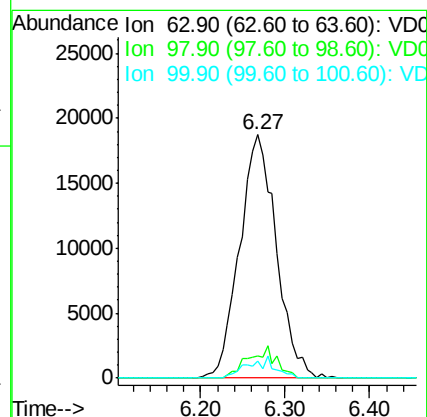
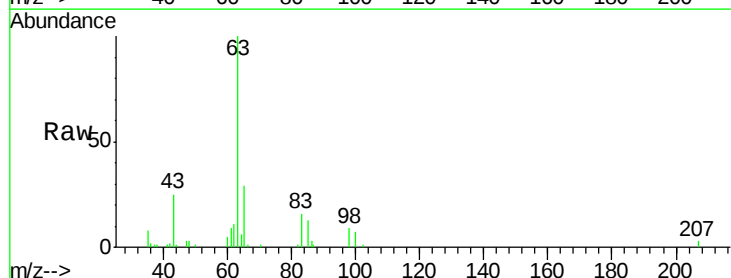
Tgt Ion: 63 Resp: 56469

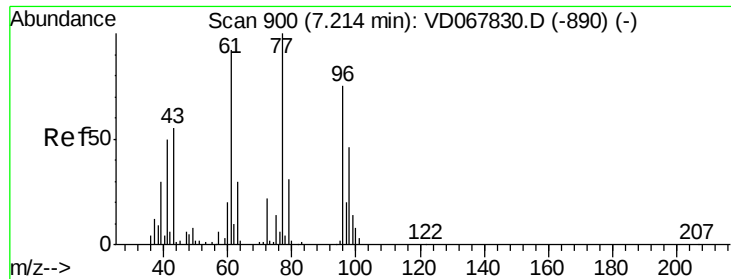
Ion Ratio Lower Upper

63 100

98 9.0 4.5 13.5

100 7.3 3.0 9.2





#25

2-Butanone

Concen: 93.191 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Instrument :

MSVOA\_D

ClientSampleId :

VD1208SBS01

Tot Ion: 43 Resp: 26902

Ion Ratio Lower Upper

43 100

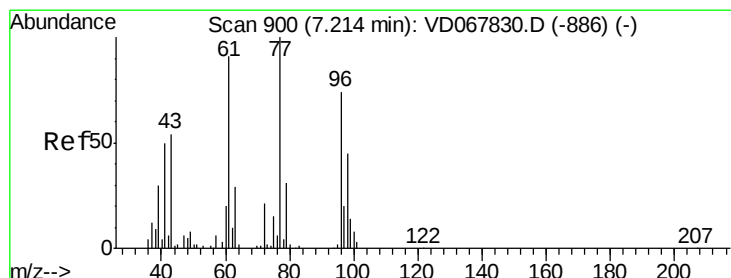
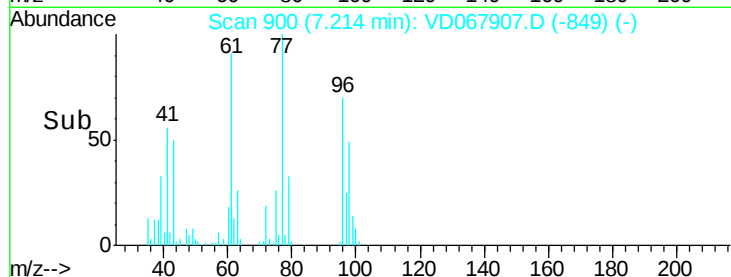
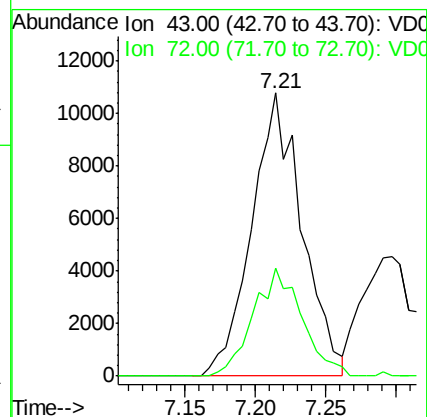
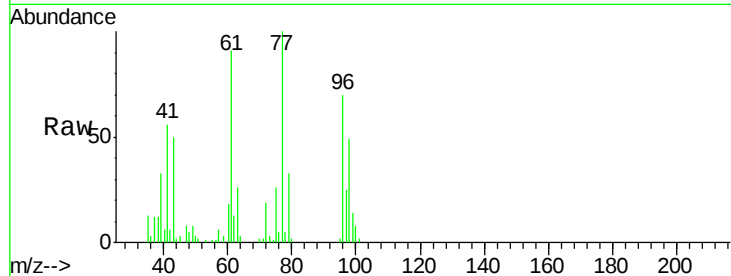
72 38.2 31.3 46.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.660 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067907.D

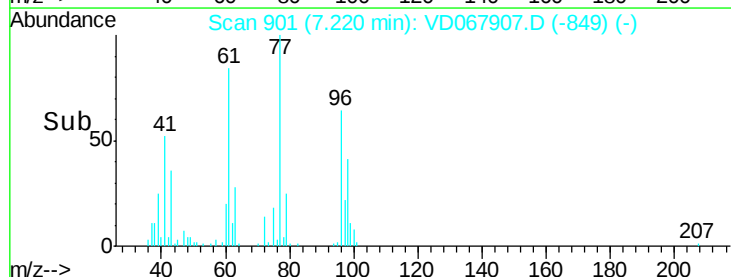
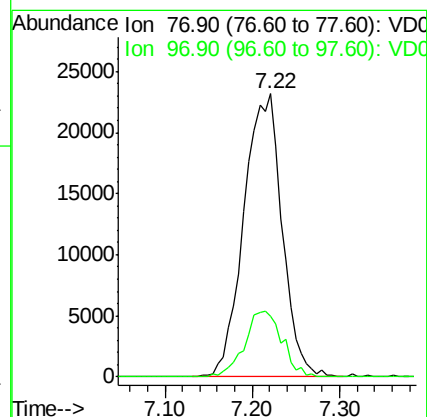
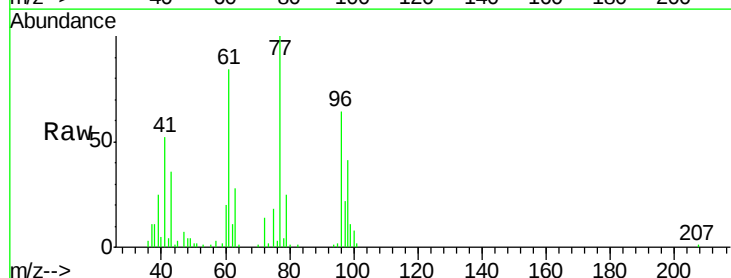
Acq: 08 Dec 2020 11:26

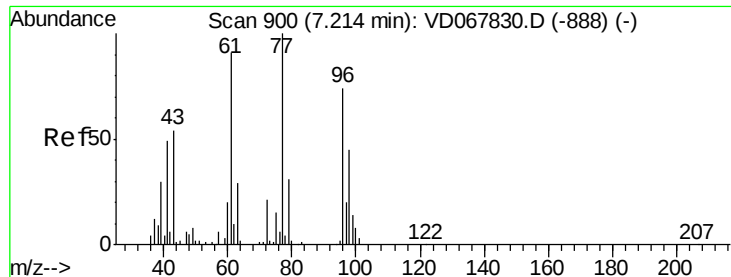
Tgt Ion: 77 Resp: 68890

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.1





#27

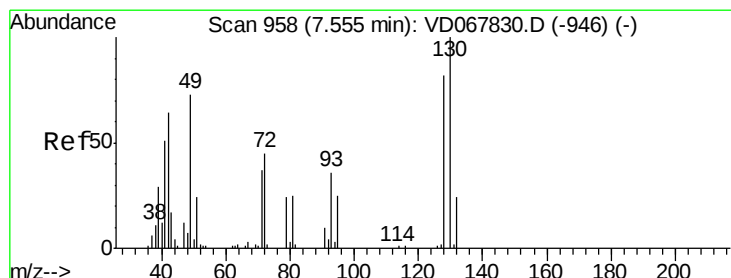
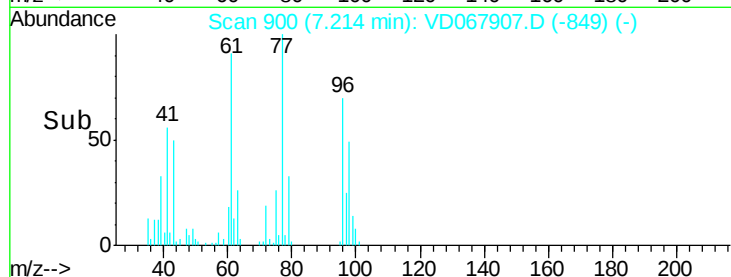
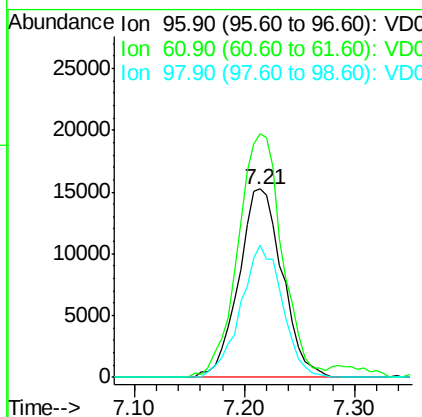
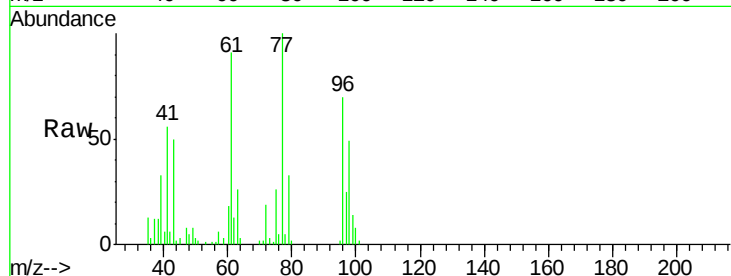
cis-1,2-Dichloroethene  
Concen: 19.780 ug/l  
RT: 7.21 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 131.1 | 0.0   | 248.4 |
| 98      | 67.3  | 0.0   | 127.4 |

Manual Integrations  
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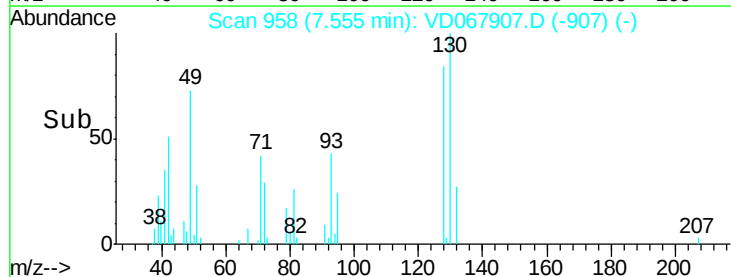
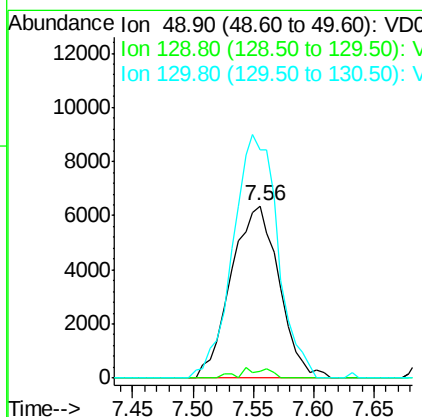
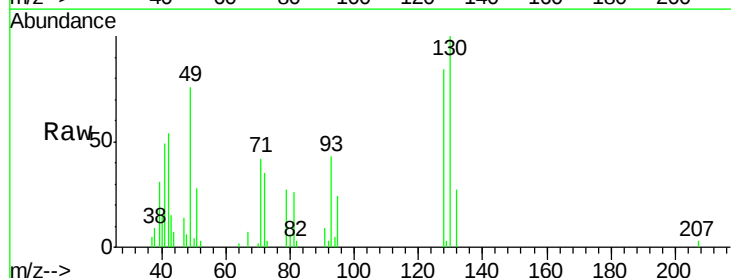
MMDadoda  
12/9/2020 9:29:04 AM

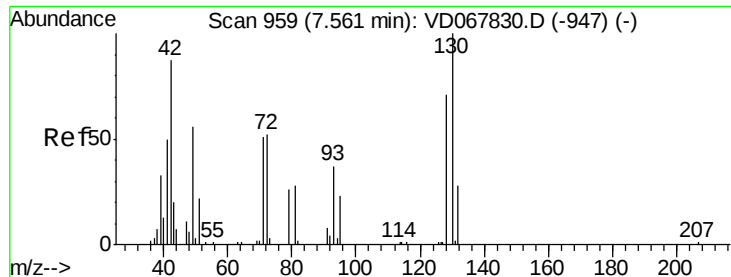


#28

Bromochloromethane  
Concen: 19.730 ug/l  
RT: 7.56 min Scan# 958  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 3.4   | 0.0   | 3.4#  |
| 130     | 132.9 | 110.2 | 165.2 |





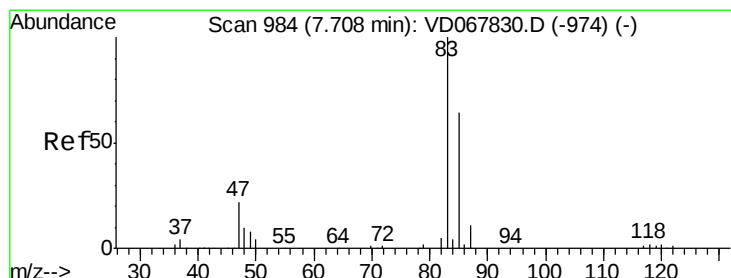
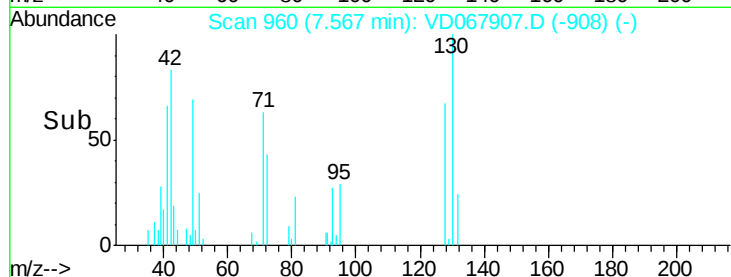
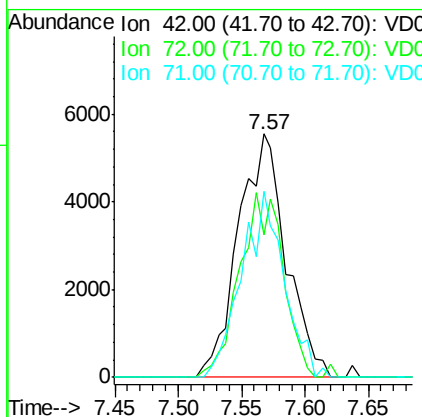
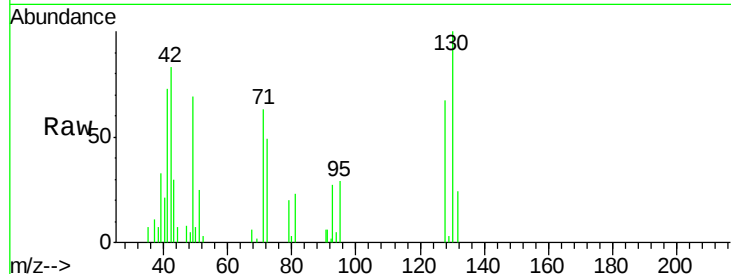
#29  
Tetrahydrofuran  
Concen: 88.758 ug/l  
RT: 7.57 min Scan# 960  
Delta R.T. 0.01 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 68.6  | 51.9  | 77.9  |
| 71      | 67.4  | 48.2  | 72.4  |

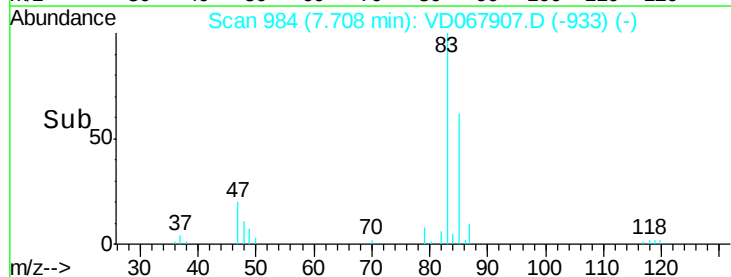
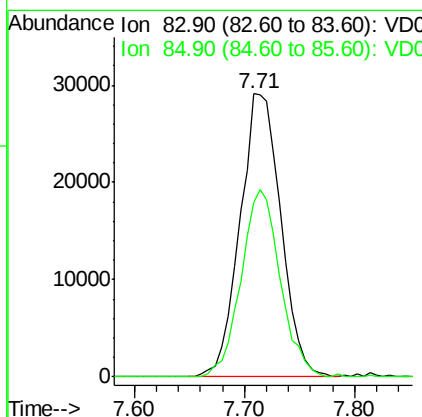
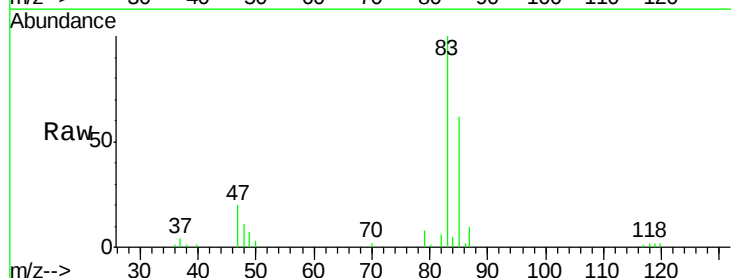
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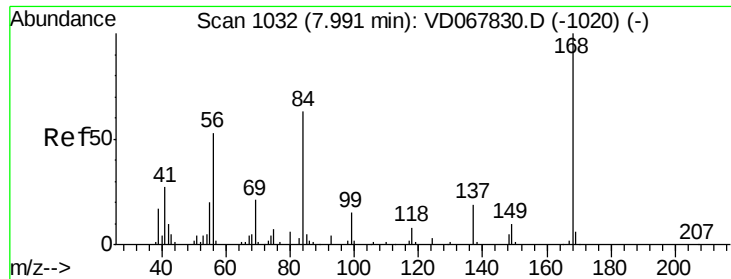
MMDadoda  
12/9/2020 9:29:04 AM



#30  
Chloroform  
Concen: 20.295 ug/l  
RT: 7.71 min Scan# 984  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 61.6  | 51.0  | 76.4  |





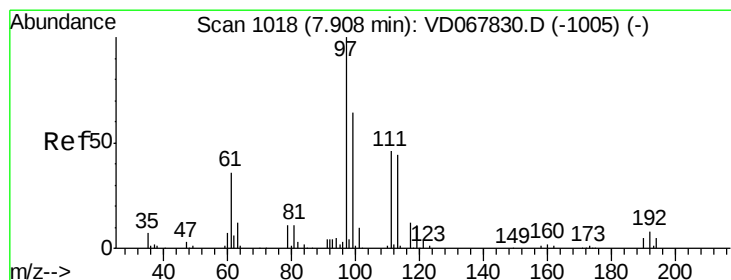
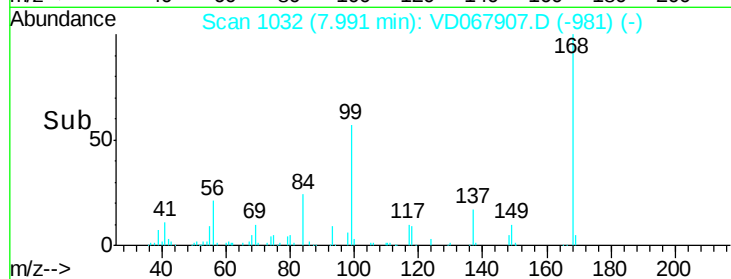
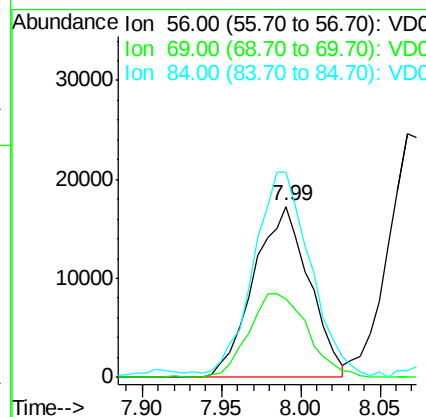
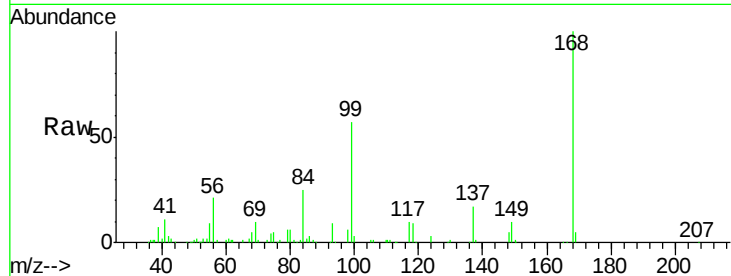
#31  
Cyclohexane  
Concen: 17.972 ug/l  
RT: 7.99 min Scan# 1032  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 45.8  | 32.1  | 48.1  |
| 84      | 117.0 | 93.2  | 139.8 |

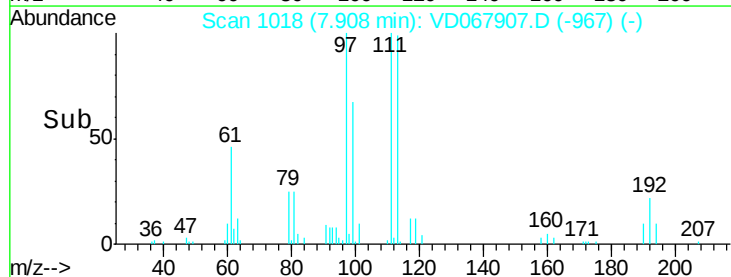
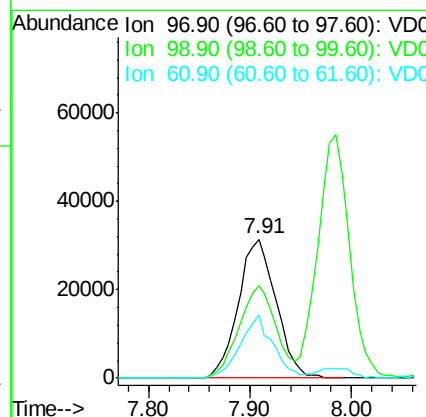
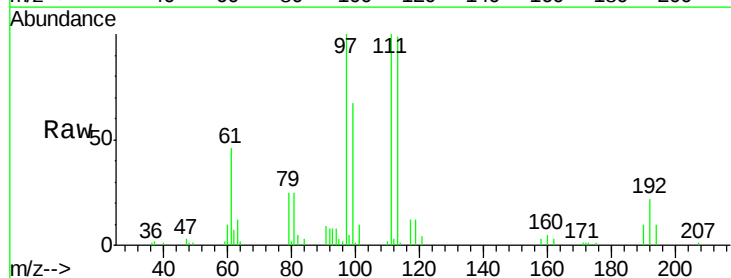
Manual Integrations  
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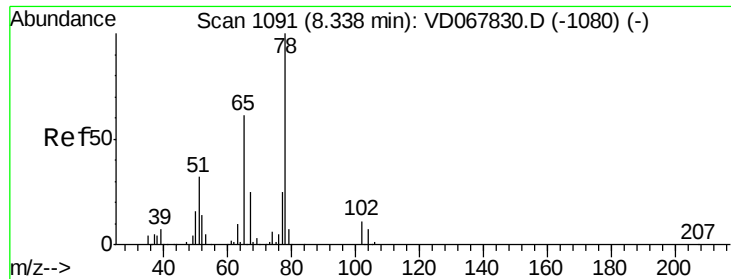
MMDadoda  
12/9/2020 9:29:04 AM



#32  
1,1,1-Trichloroethane  
Concen: 20.534 ug/l  
RT: 7.91 min Scan# 1018  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.8  | 51.4  | 77.2  |
| 61      | 39.0  | 30.8  | 46.2  |





#33

1,2-Dichloroethane-d4

Concen: 49.445 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Instrument :

MSVOA\_D

ClientSampleId :

VD1208SBS01

Tot Ion: 65 Resp: 109821

Ion Ratio Lower Upper

65 100

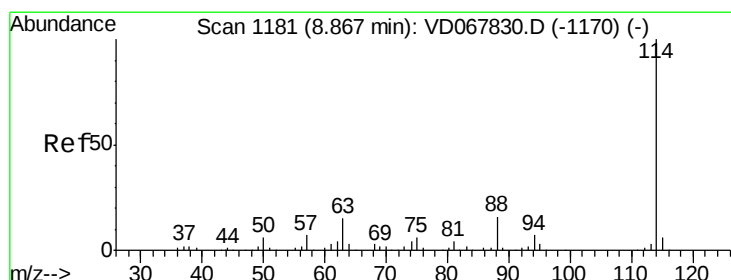
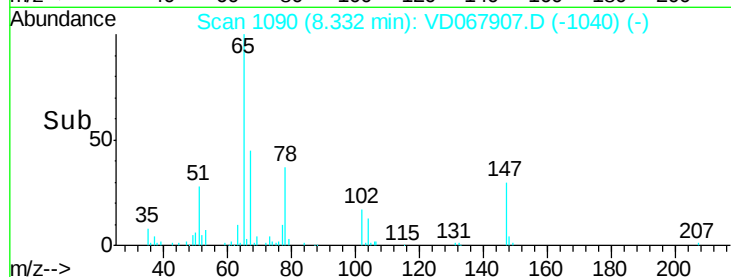
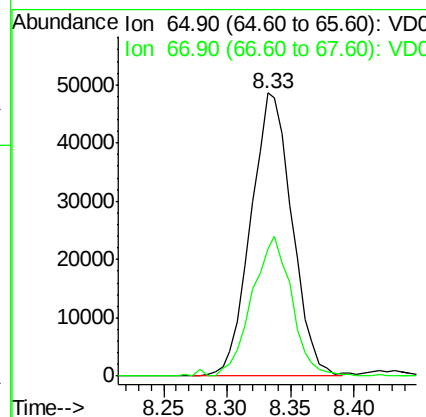
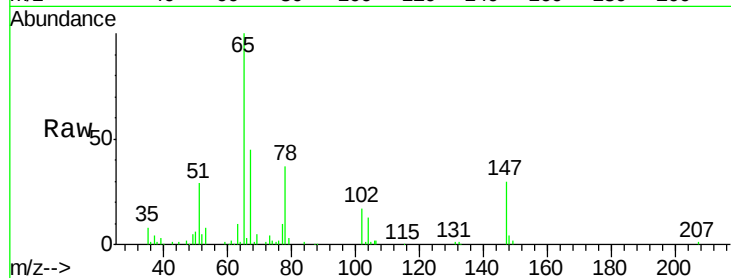
67 47.7 0.0 92.0

Manual Integrations

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12/9/2020 9:29:04 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

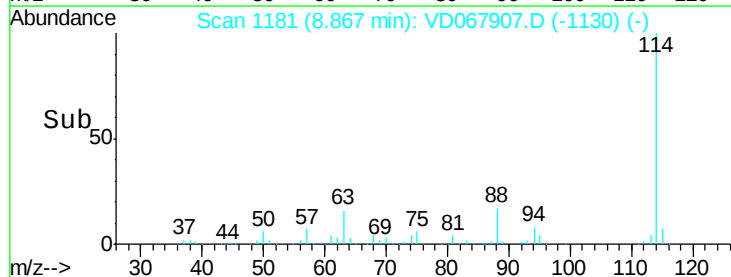
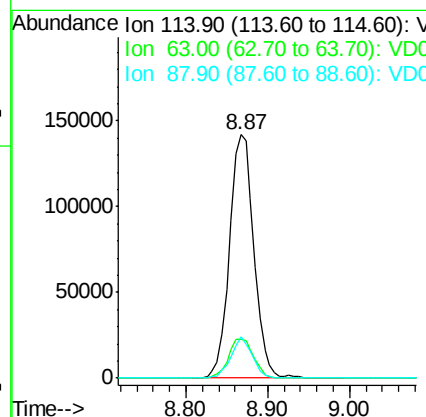
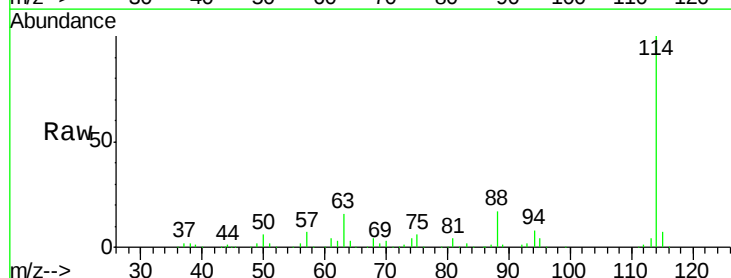
Tgt Ion: 114 Resp: 294311

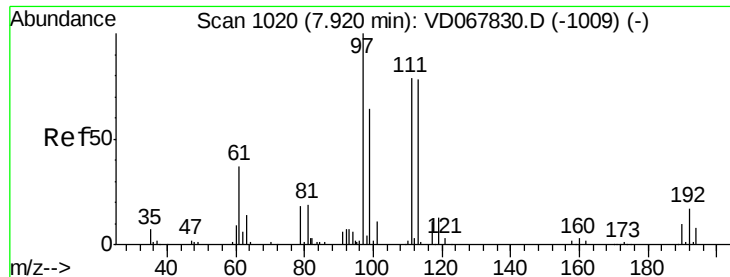
Ion Ratio Lower Upper

114 100

63 16.0 0.0 30.8

88 17.0 0.0 31.8





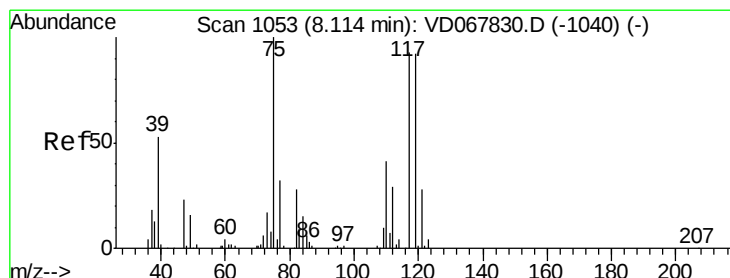
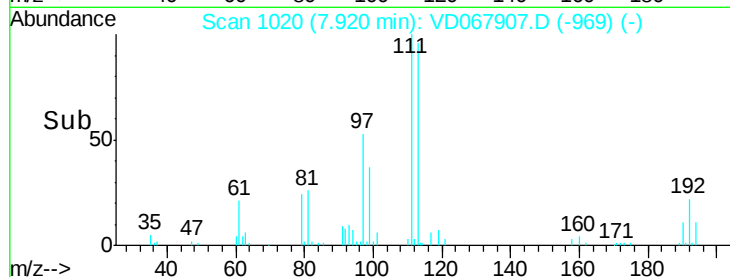
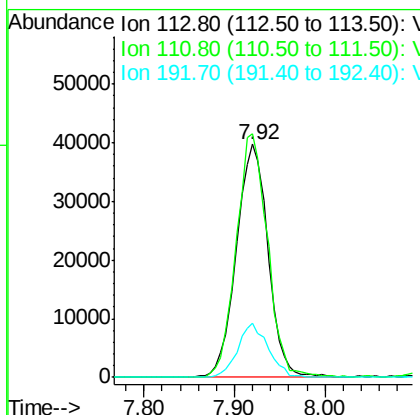
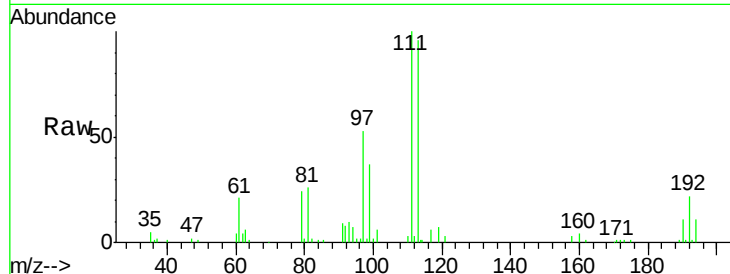
#35  
 Dibromofluoromethane  
 Concen: 48.995 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. -0.00 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1208SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.5 | 81.2  | 121.8 |
| 192     | 22.2  | 16.8  | 25.2  |

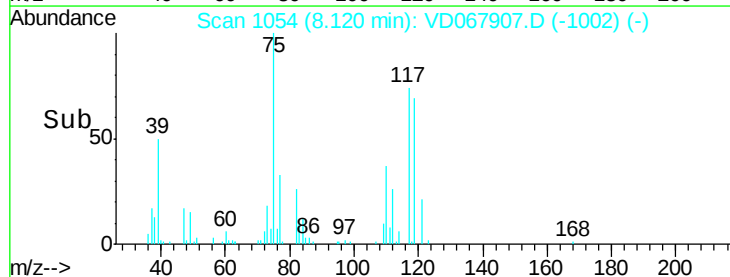
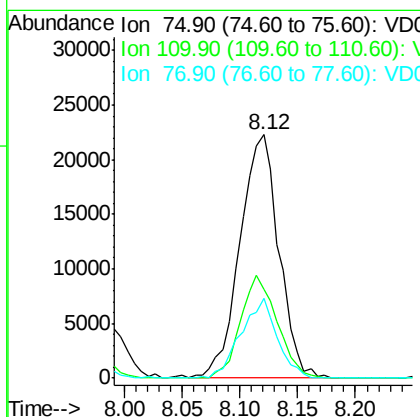
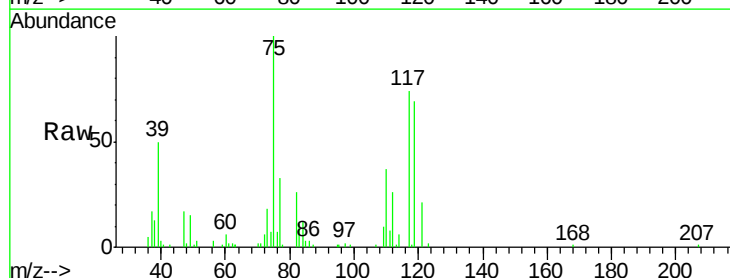
Manual Integrations  
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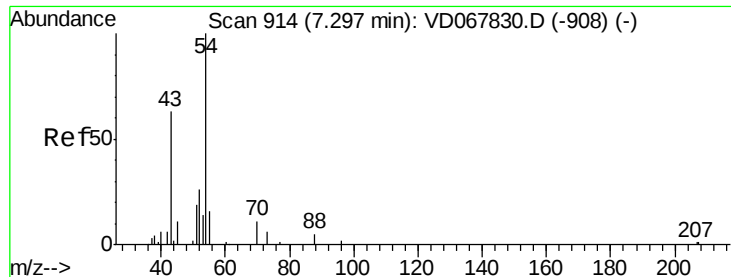
MMDadoda  
 12/9/2020 9:29:04 AM



#36  
 1,1-Dichloropropene  
 Concen: 20.515 ug/l  
 RT: 8.12 min Scan# 1054  
 Delta R.T. 0.01 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 39.6  | 20.3  | 61.0  |
| 77      | 30.5  | 24.7  | 37.1  |





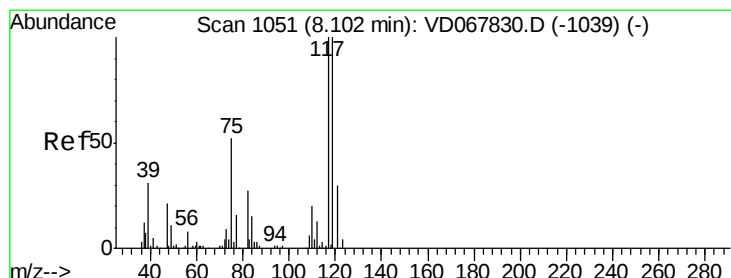
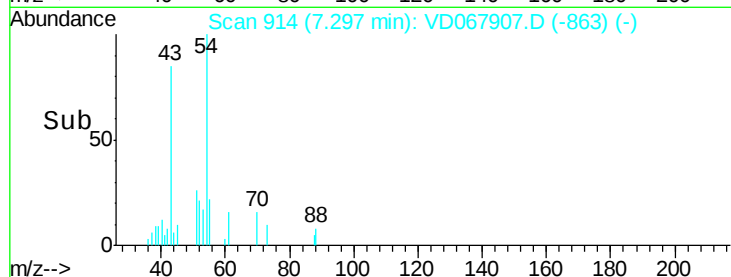
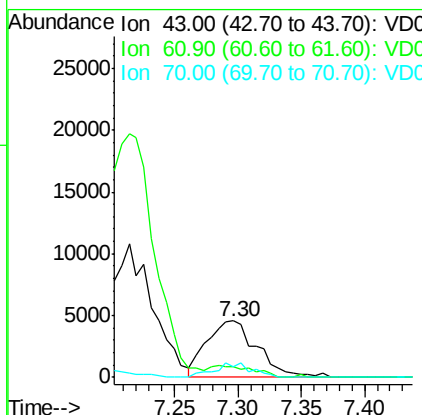
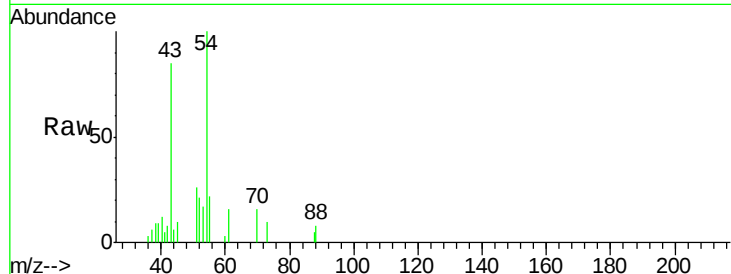
#37  
Ethyl Acetate  
Concen: 18.485 ug/l  
RT: 7.30 min Scan# 914  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

| Tot Ion | 43   | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 43      | 100  |       |       |       |
| 61      | 17.1 | 11.4  | 17.2  |       |
| 70      | 18.5 | 11.5  | 17.3  |       |

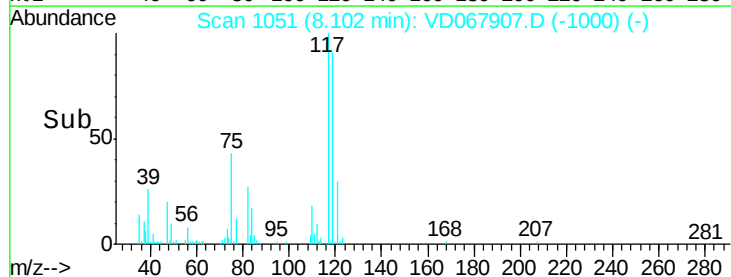
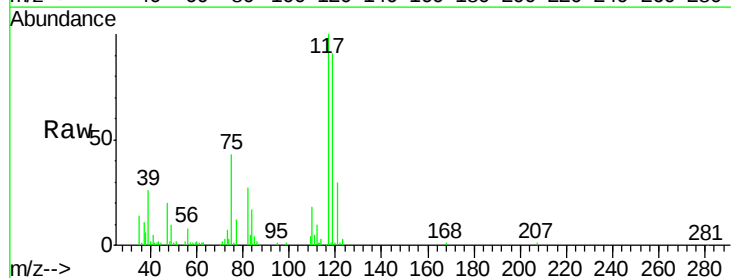
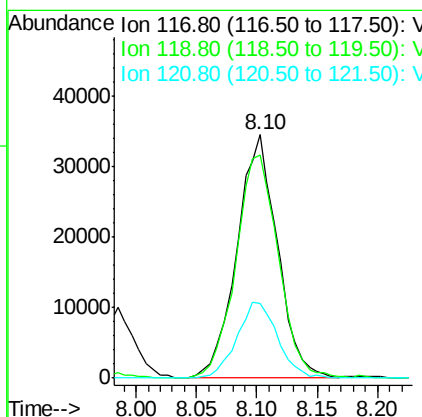
Manual Integrations  
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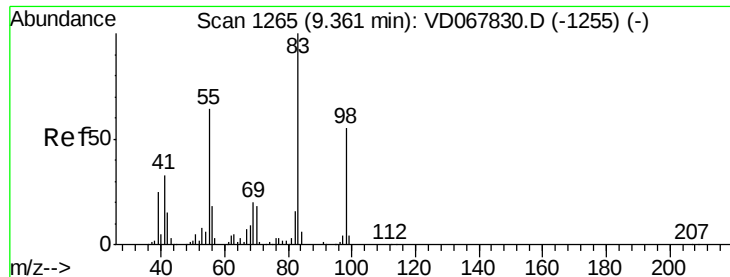
MMDadoda  
12/9/2020 9:29:04 AM



#38  
Carbon Tetrachloride  
Concen: 20.907 ug/l  
RT: 8.10 min Scan# 1051  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

| Tgt Ion | 117  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 117     | 100  |       |       |       |
| 119     | 91.5 | 79.7  | 119.5 |       |
| 121     | 30.5 | 23.8  | 35.6  |       |





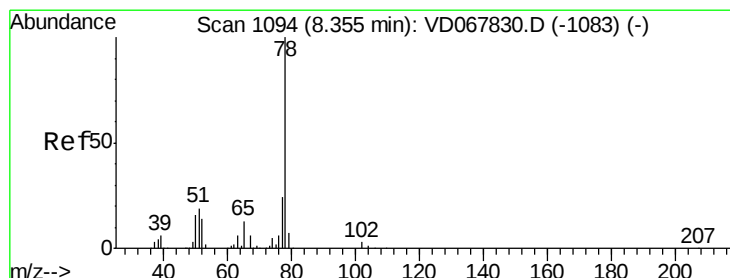
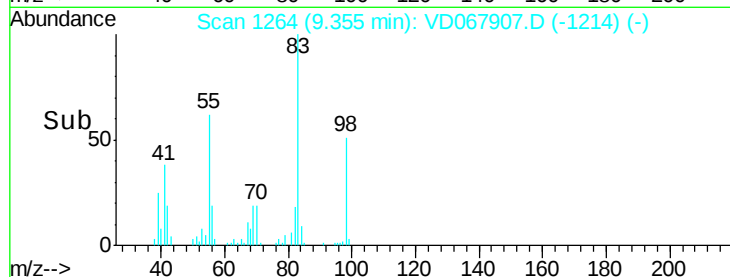
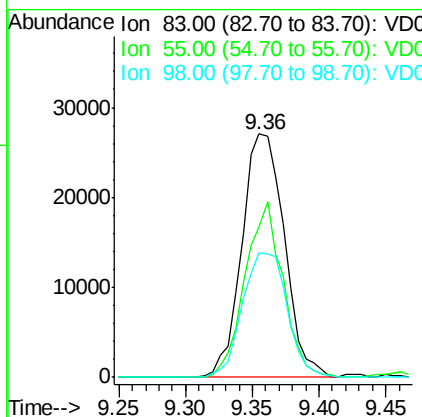
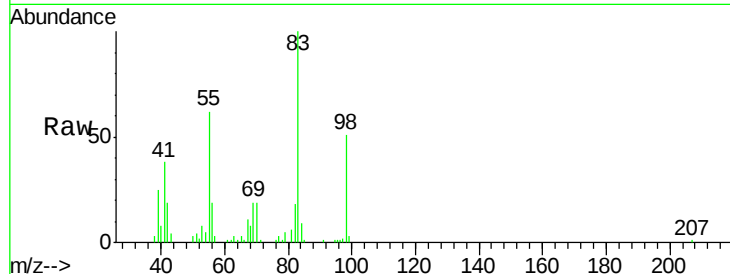
#39  
Methvlcvclohexane  
Concen: 19.726 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. -0.01 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 61.8  | 51.6  | 77.4  |
| 98      | 51.2  | 44.3  | 66.5  |

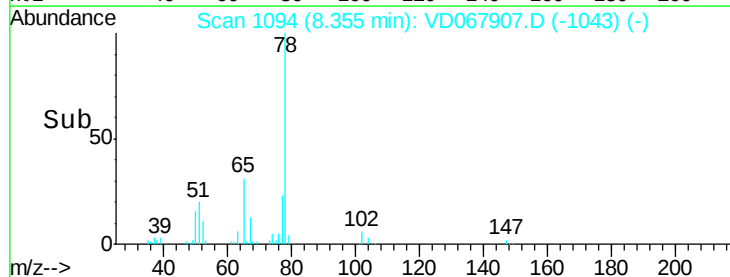
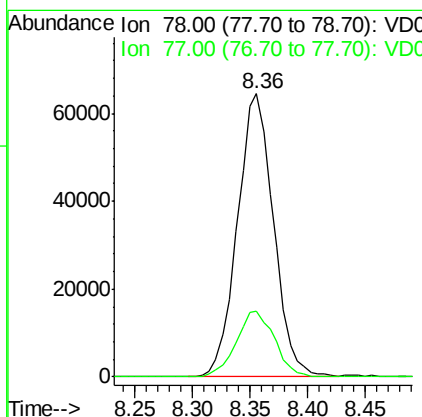
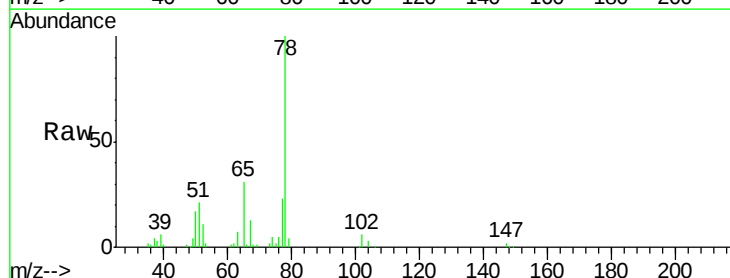
Manual Integrations  
APPROVED

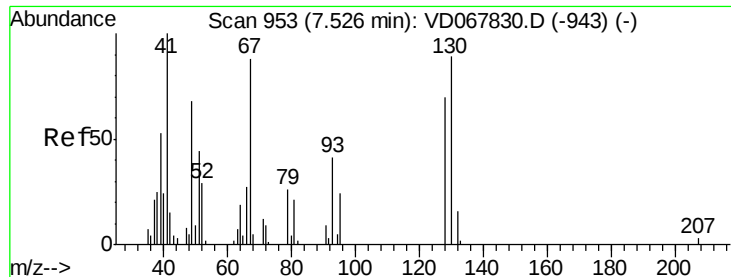
MMDadoda  
12/9/2020 9:29:04 AM



#40  
Benzene  
Concen: 20.130 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.2  | 19.1  | 28.7  |





#41

Methacrylonitrile

Concen: 15.690 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Instrument :

MSVOA\_D

ClientSampleId :

VD1208SBS01

Tot Ion: 41 Resp: 6118

Ion Ratio Lower Upper

41 100

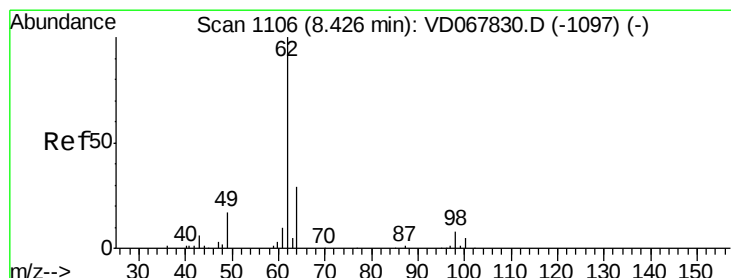
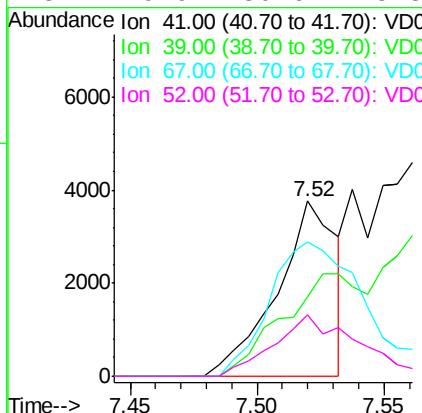
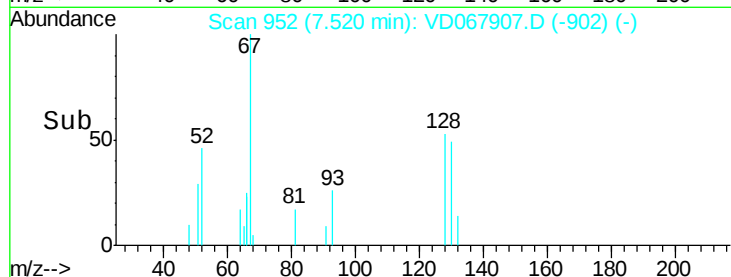
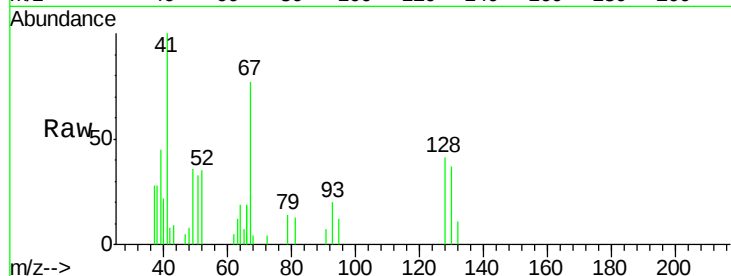
39 80.8 42.1 63.1#

67 122.3 82.4 123.6

52 49.9 30.6 45.8#

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12/9/2020 9:29:04 AM



#42

1,2-Dichloroethane

Concen: 20.079 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD067907.D

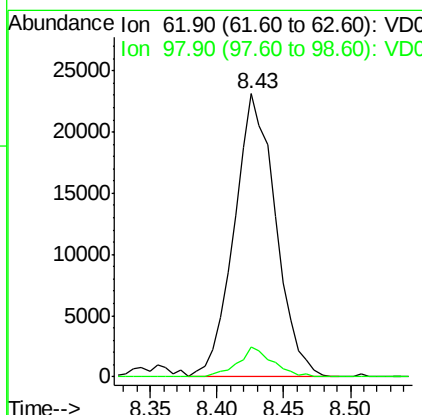
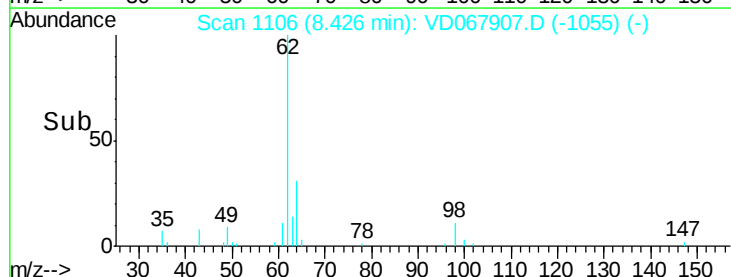
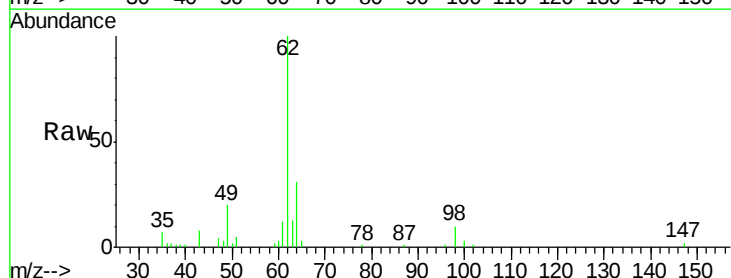
Acq: 08 Dec 2020 11:26

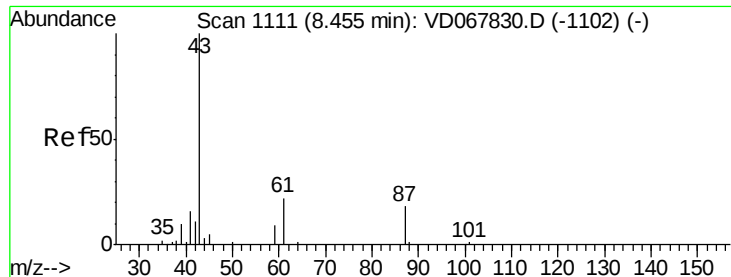
Tgt Ion: 62 Resp: 49890

Ion Ratio Lower Upper

62 100

98 8.9 0.0 17.2





#43

Isopropyl Acetate

Concen: 18.781 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Instrument :

MSVOA\_D

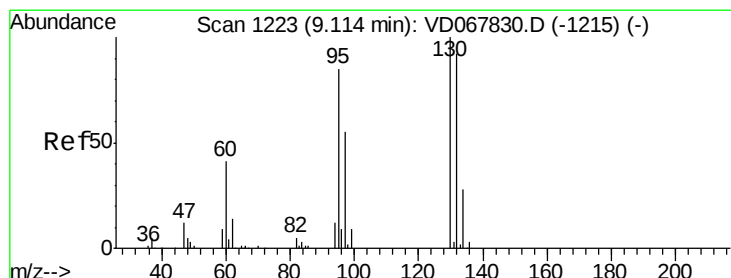
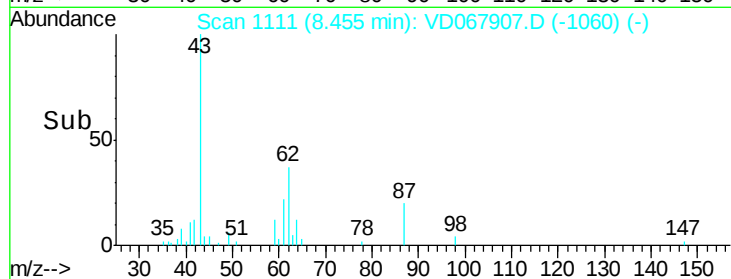
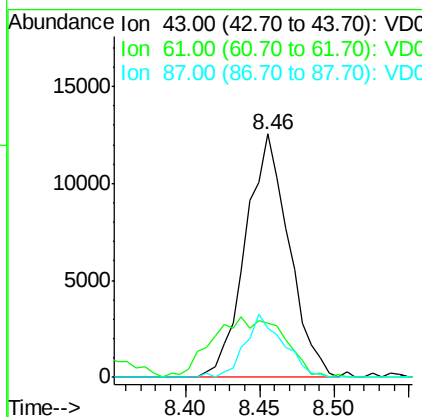
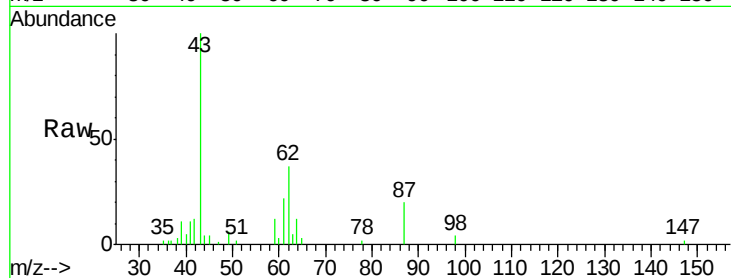
ClientSampleId :

VD1208SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 25375 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 23.3  | 30.4  | 45.6# |
| 87       | 22.8  | 16.2  | 24.2  |

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#44

Trichloroethene

Concen: 20.528 ug/l

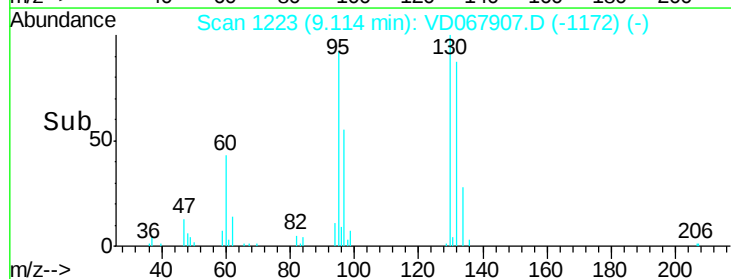
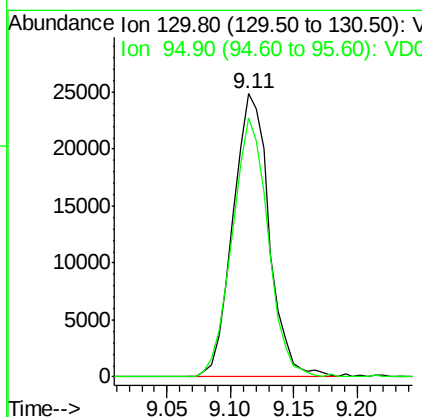
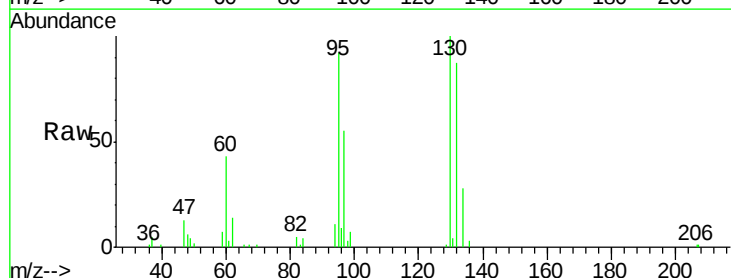
RT: 9.11 min Scan# 1223

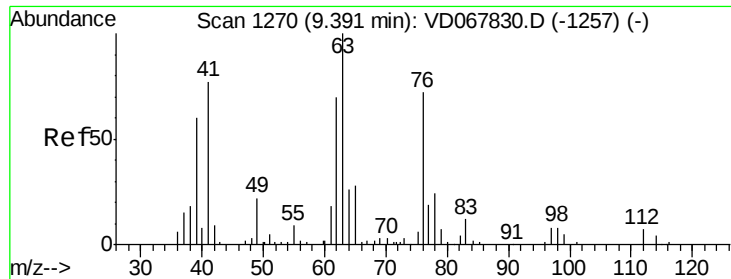
Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 49205 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 91.7  | 0.0   | 170.2 |





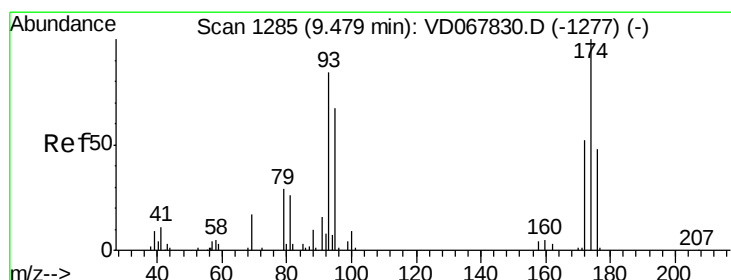
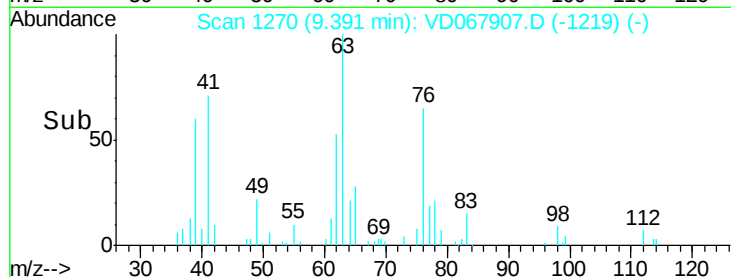
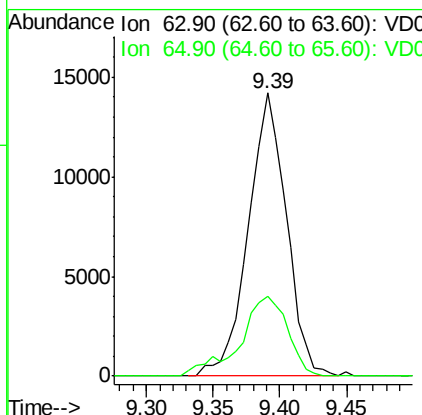
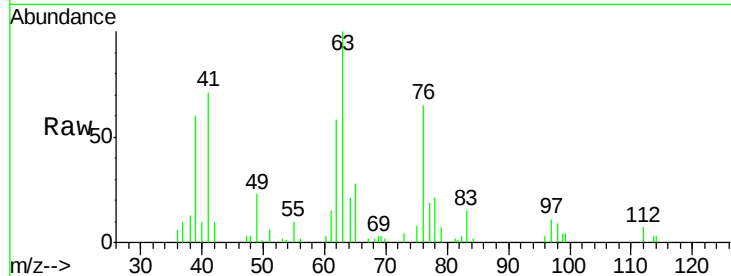
#45  
 1,2-Dichloropropane  
 Concen: 19.601 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1208SBS01

Tot Ion: 63 Resp: 28046  
 Ion Ratio Lower Upper  
 63 100  
 65 28.0 22.8 34.2

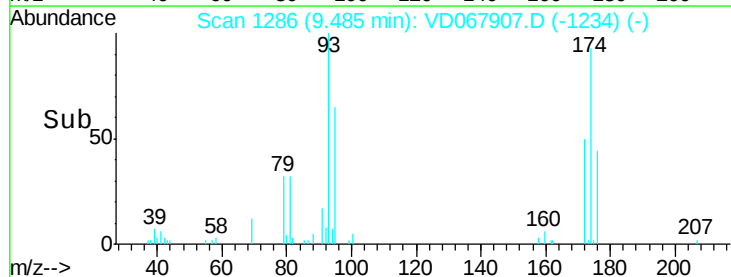
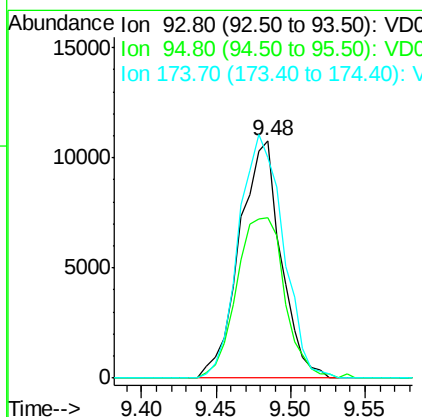
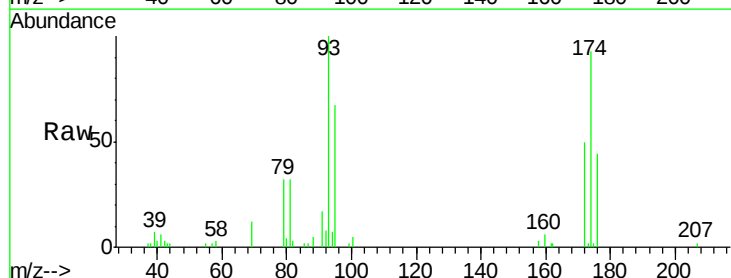
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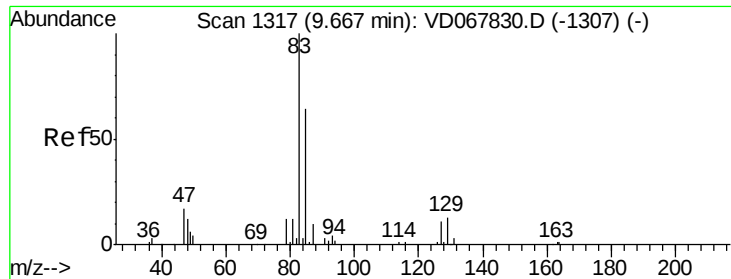
MMDadoda  
 12/9/2020 9:29:04 AM



#46  
 Dibromomethane  
 Concen: 20.841 ug/l  
 RT: 9.48 min Scan# 1286  
 Delta R.T. 0.01 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

Tgt Ion: 93 Resp: 20734  
 Ion Ratio Lower Upper  
 93 100  
 95 78.2 64.2 96.4  
 174 110.7 91.5 137.3





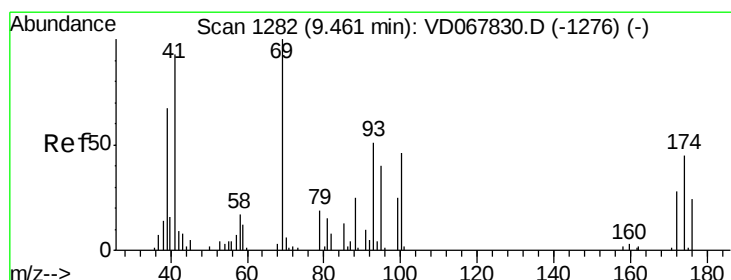
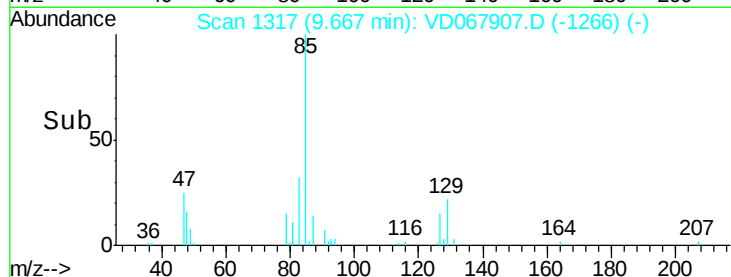
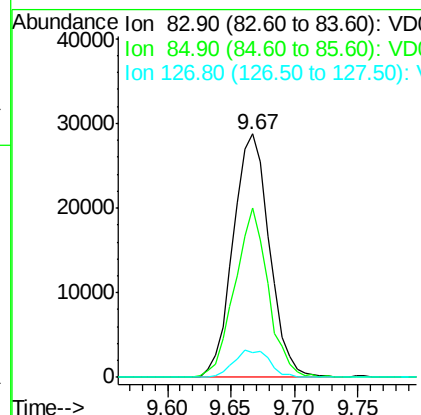
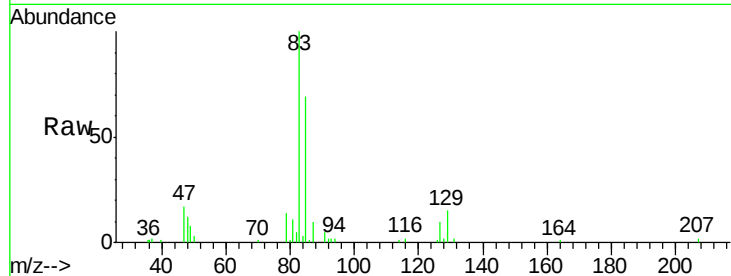
#47  
Bromodichloromethane  
Concen: 20.082 ug/l  
RT: 9.67 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 56955 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 69.3  | 51.4  | 77.0  |
| 127       | 10.4  | 8.5   | 12.7  |

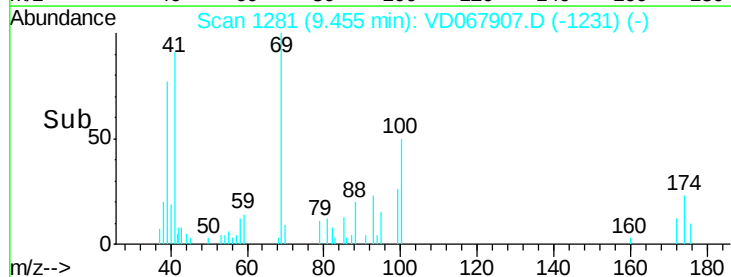
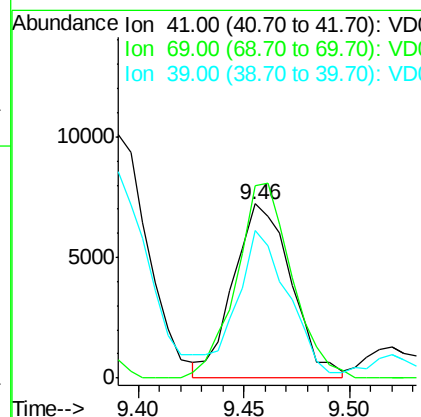
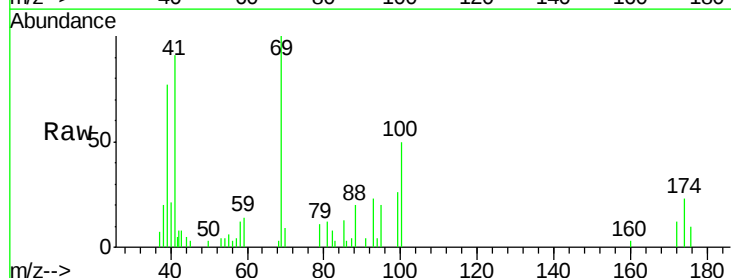
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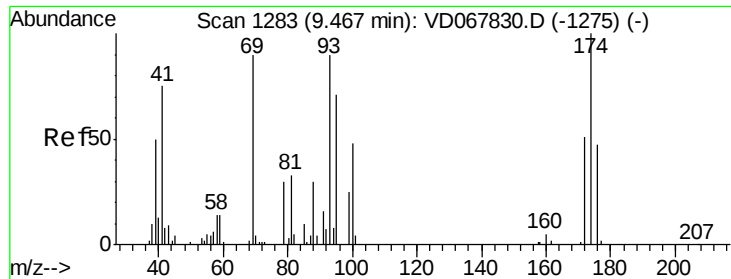
MMDadoda  
12/9/2020 9:29:04 AM



#48  
Methyl methacrylate  
Concen: 19.948 ug/l  
RT: 9.46 min Scan# 1281  
Delta R.T. -0.01 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 13686 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 107.8 | 87.6  | 131.4 |
| 39        | 75.6  | 61.2  | 91.8  |





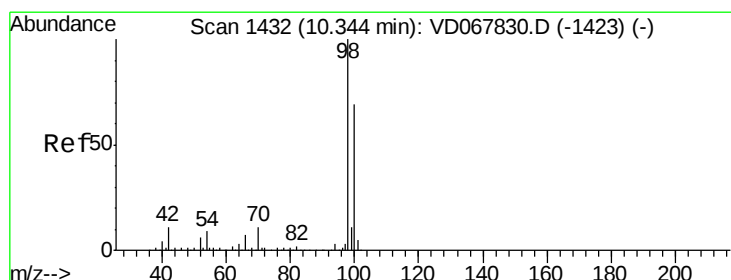
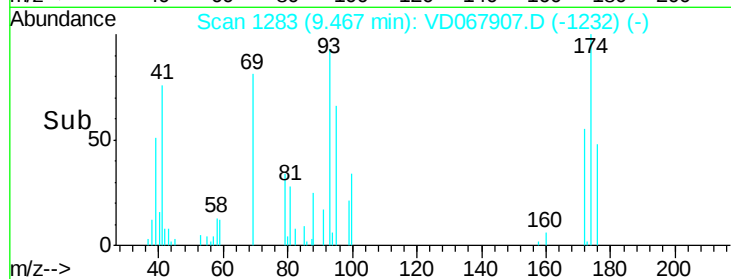
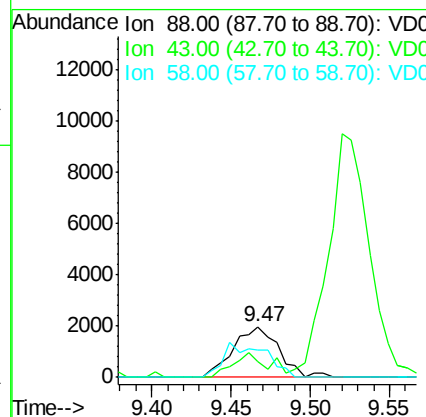
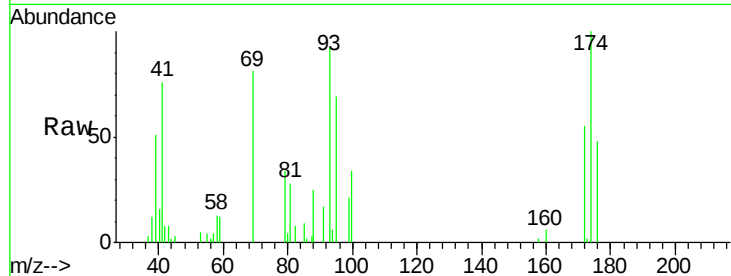
#49  
1,4-Dioxane  
Concen: 347.299 ug/l  
RT: 9.47 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

| Tot Ion | 88    | Resp  | 3948  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 37.6  | 30.1  | 45.1  |
| 58      | 63.0  | 42.4  | 63.6  |

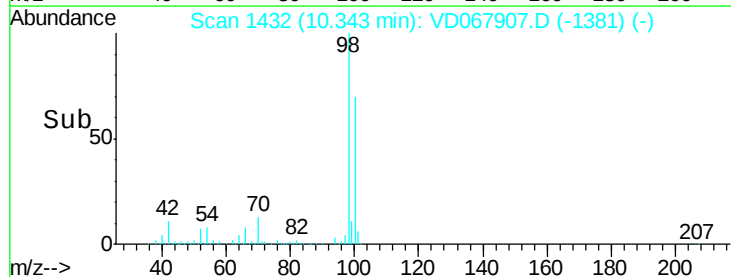
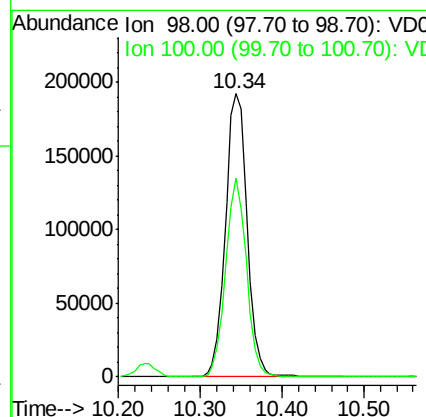
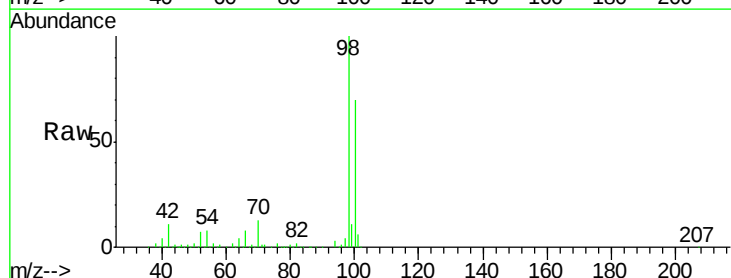
Manual Integrations  
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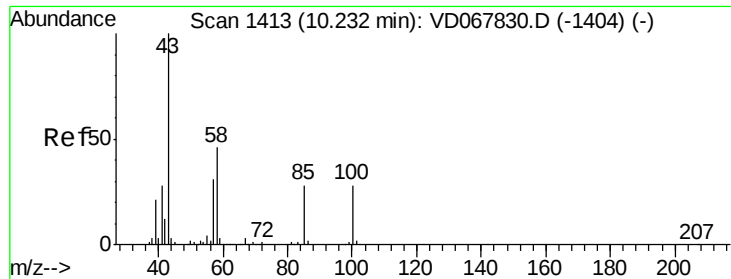
MMDadoda  
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#50  
Toluene-d8  
Concen: 50.159 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

| Tgt Ion | 98    | Resp  | 355594 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 67.4  | 52.9  | 79.3   |





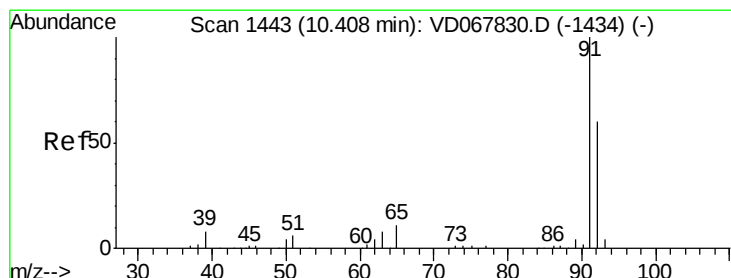
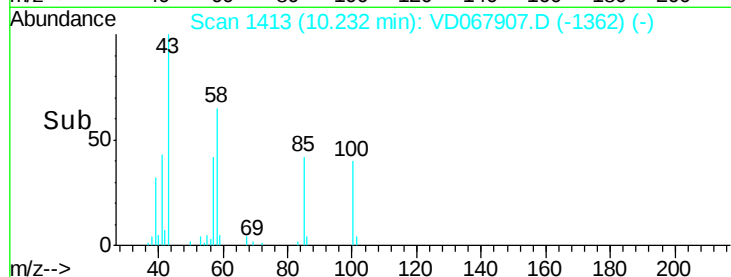
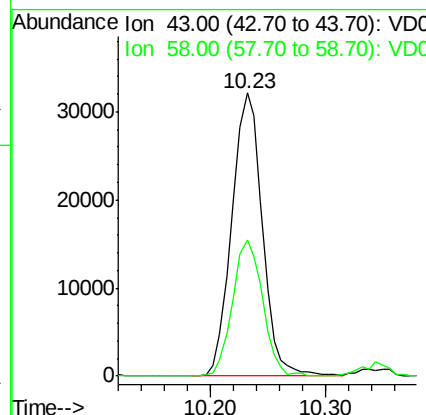
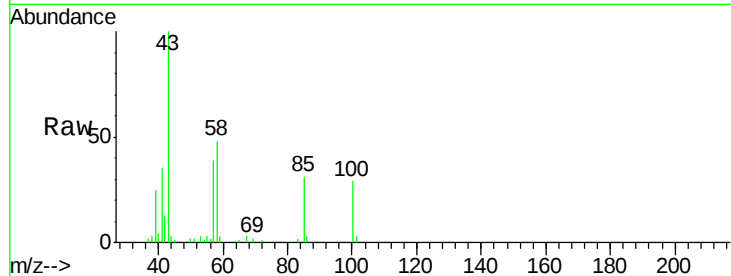
#51  
4-Methyl-2-Pentanone  
Concen: 92.150 ug/l  
RT: 10.23 min Scan# 1413  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

Tot Ion: 43 Resp: 58927  
Ion Ratio Lower Upper  
43 100  
58 47.3 35.7 53.5

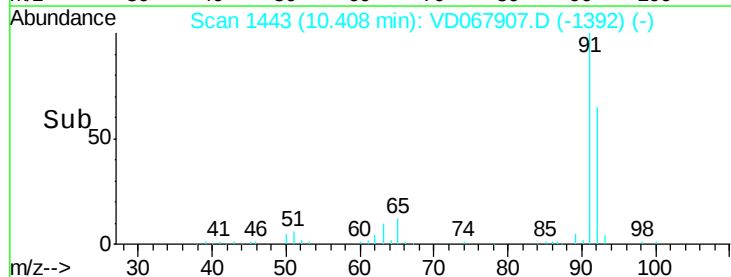
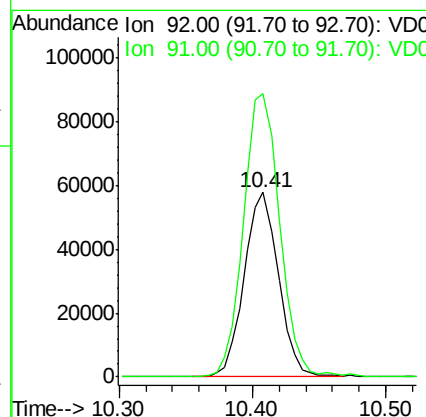
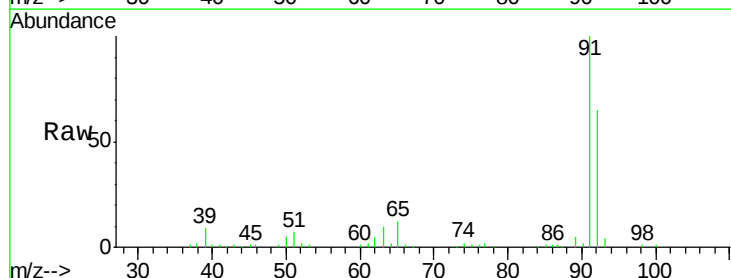
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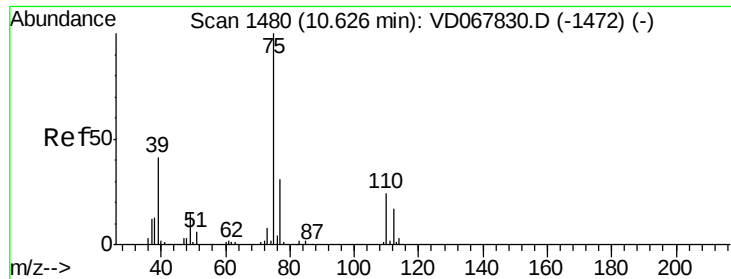
MMDadoda  
12/9/2020 9:29:04 AM



#52  
Toluene  
Concen: 21.032 ug/l  
RT: 10.41 min Scan# 1443  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Tgt Ion: 92 Resp: 102514  
Ion Ratio Lower Upper  
92 100  
91 163.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 20.383 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Instrument :

MSVOA\_D

ClientSampleId :

VD1208SBS01

Tot Ion: 75 Resp: 49896

Ion Ratio Lower Upper

75 100

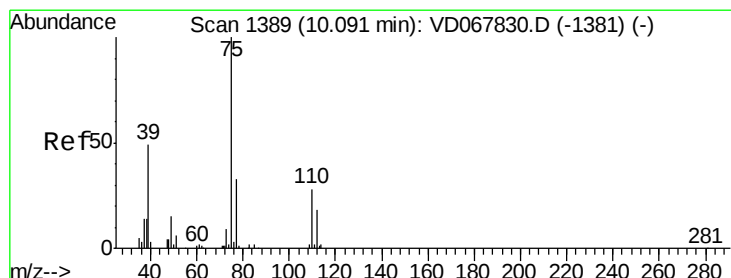
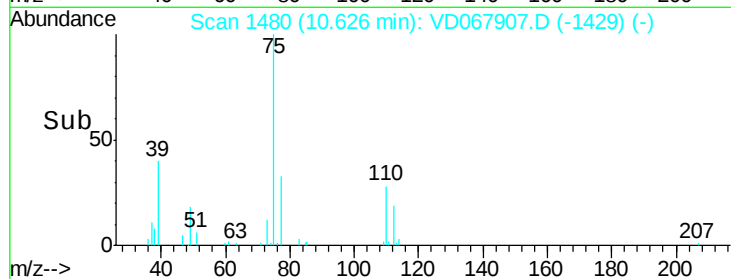
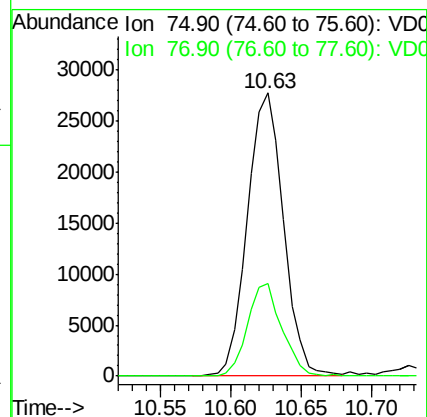
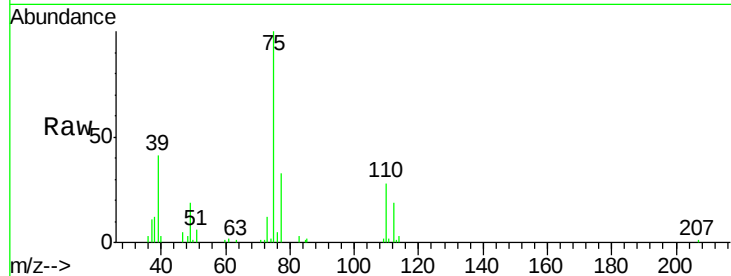
77 32.9 25.0 37.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.684 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

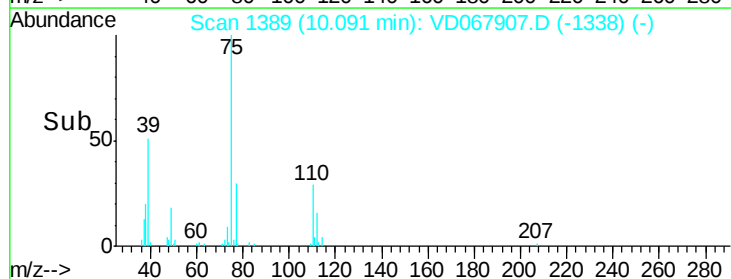
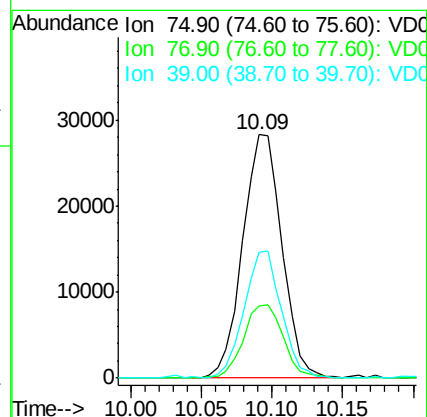
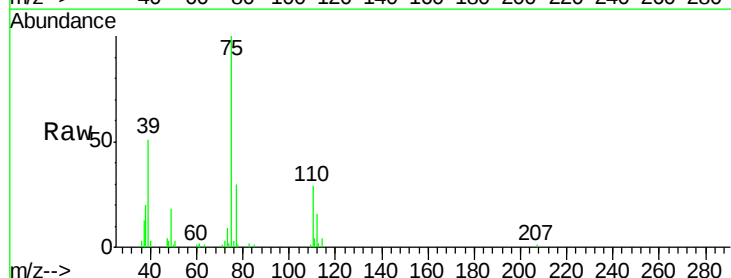
Tgt Ion: 75 Resp: 55077

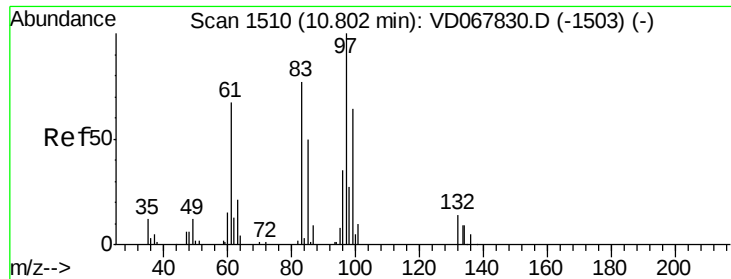
Ion Ratio Lower Upper

75 100

77 29.5 26.2 39.2

39 51.4 39.0 58.4





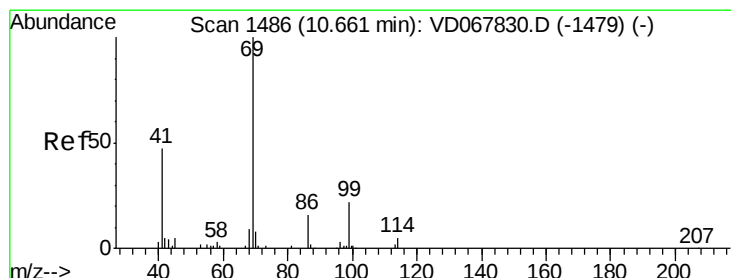
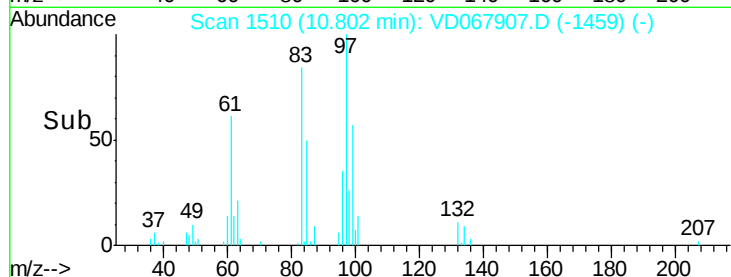
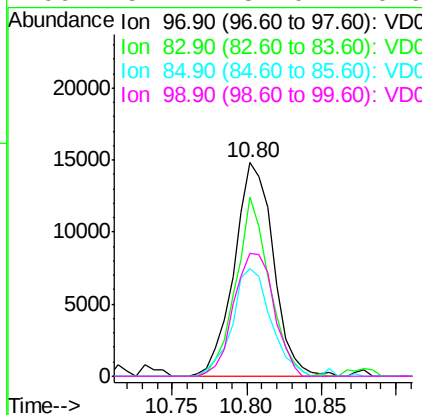
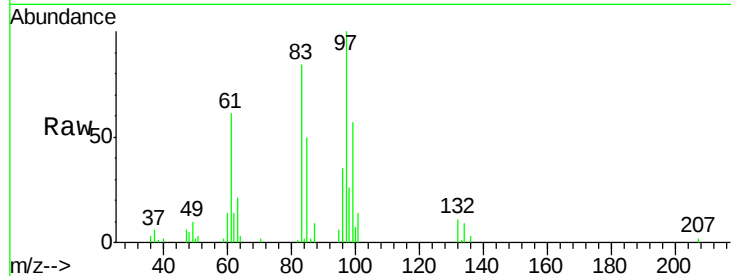
#55  
 1,1,2-Trichloroethane  
 Concen: 19.867 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1208SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 27049 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.8  | 61.9  | 92.9  |
| 85       | 50.4  | 40.2  | 60.4  |
| 99       | 57.4  | 51.0  | 76.6  |

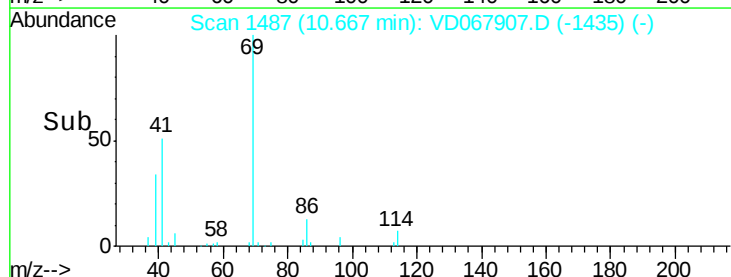
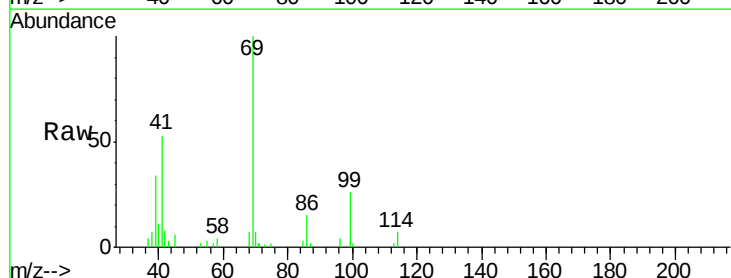
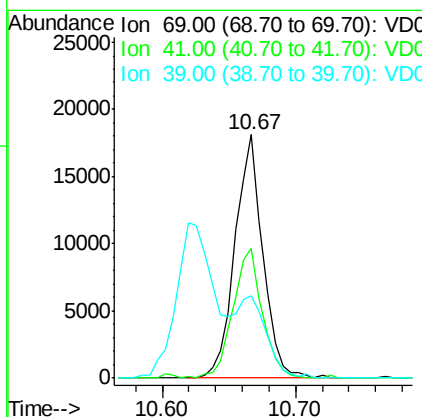
Manual Integrations  
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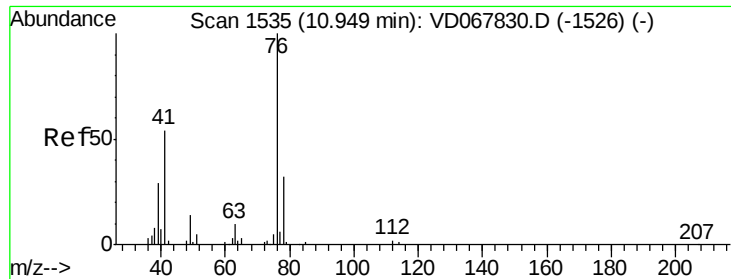
MMDadoda  
 12/9/2020 9:29:04 AM



#56  
 Ethyl methacrylate  
 Concen: 18.975 ug/l  
 RT: 10.67 min Scan# 1487  
 Delta R.T. 0.01 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 26284 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 56.5  | 42.8  | 64.2  |
| 39       | 30.8  | 30.5  | 45.7  |





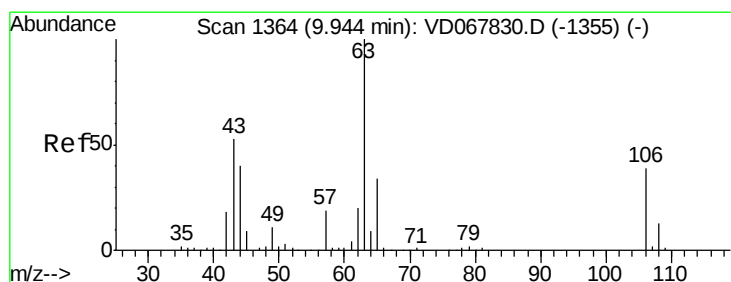
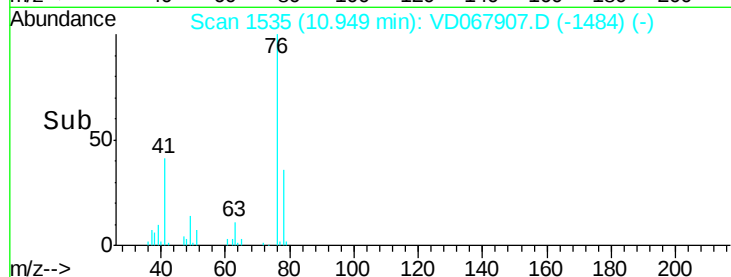
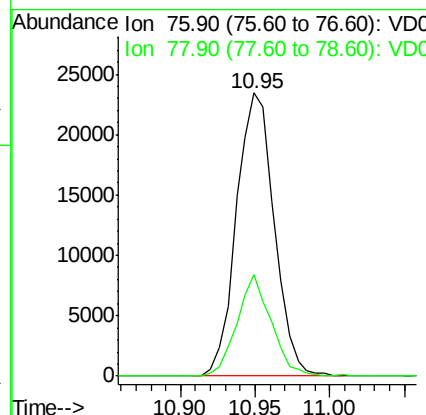
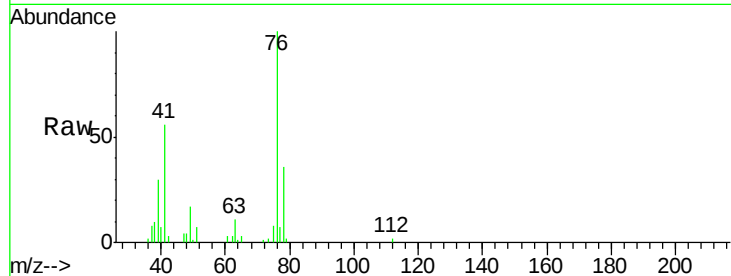
#57  
 1,3-Dichloropropane  
 Concen: 19.134 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1208SBS01

Tot Ion: 76 Resp: 41265  
 Ion Ratio Lower Upper  
 76 100  
 78 32.6 26.6 39.8

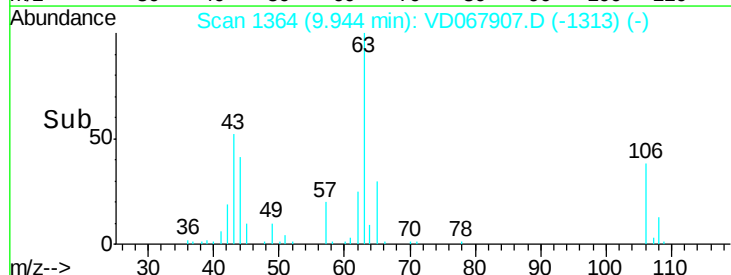
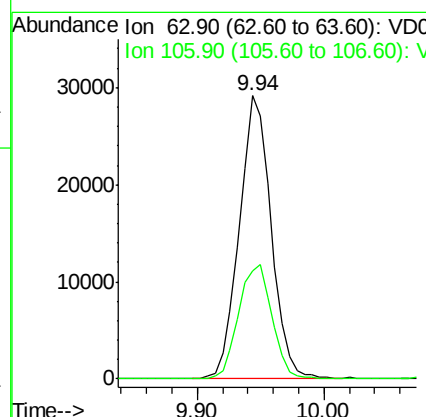
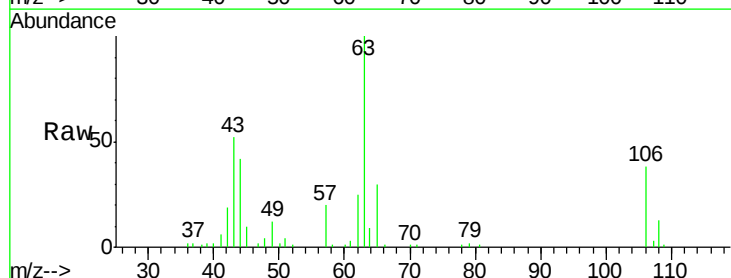
Manual Integrations  
 APPROVED

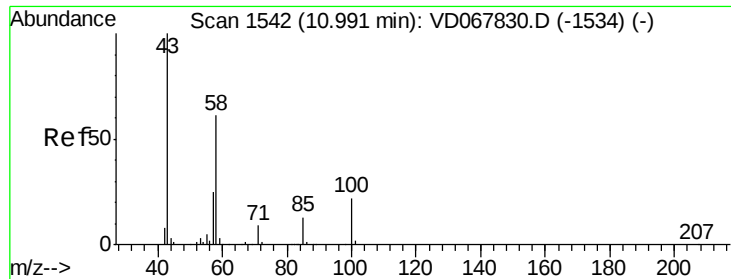
MMDadoda  
 12/9/2020 9:29:04 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 80.423 ug/l  
 RT: 9.94 min Scan# 1364  
 Delta R.T. -0.00 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

Tgt Ion: 63 Resp: 50693  
 Ion Ratio Lower Upper  
 63 100  
 106 42.1 32.0 48.0





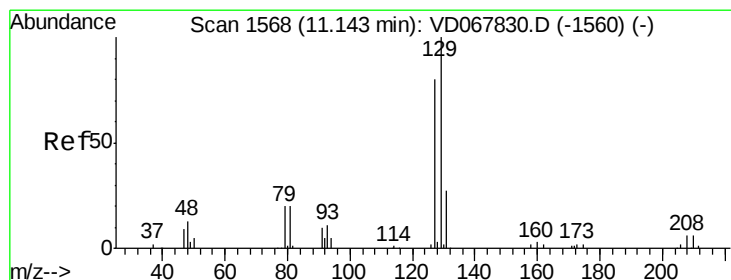
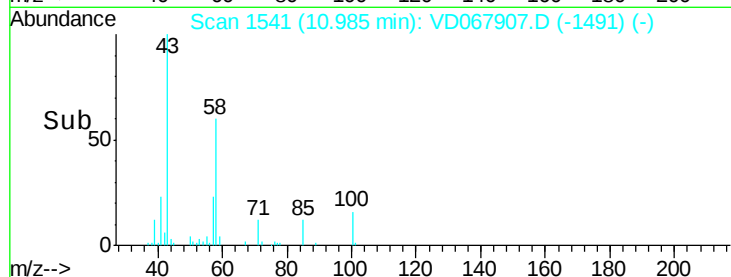
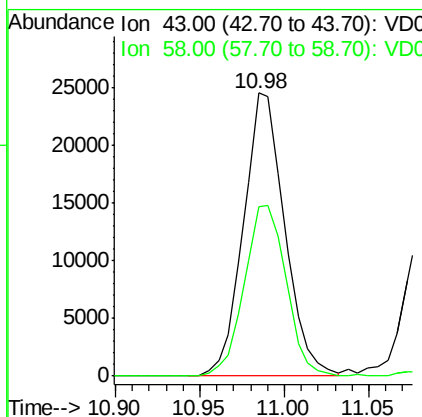
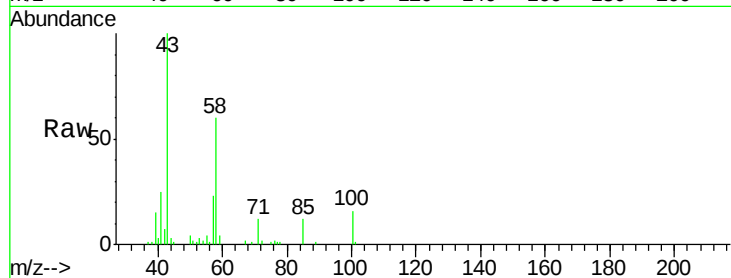
#59  
2-Hexanone  
Concen: 93.034 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. -0.01 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

Tot Ion: 43 Resp: 41939  
Ion Ratio Lower Upper  
43 100  
58 60.9 29.9 89.7

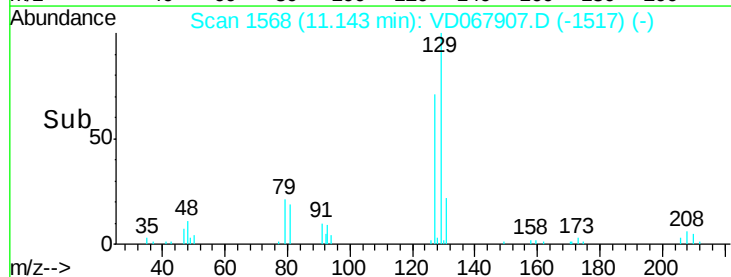
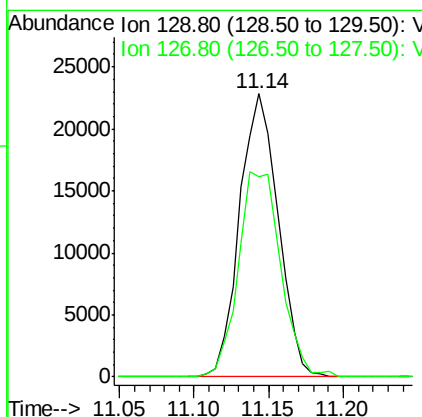
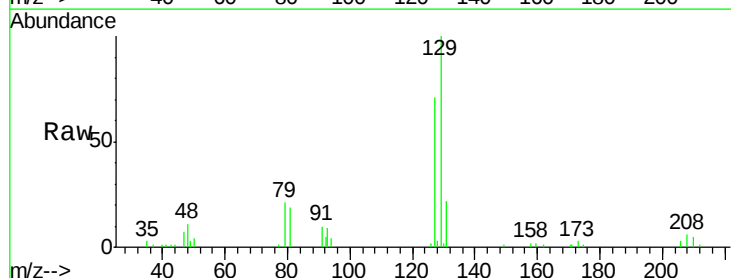
Manual Integrations  
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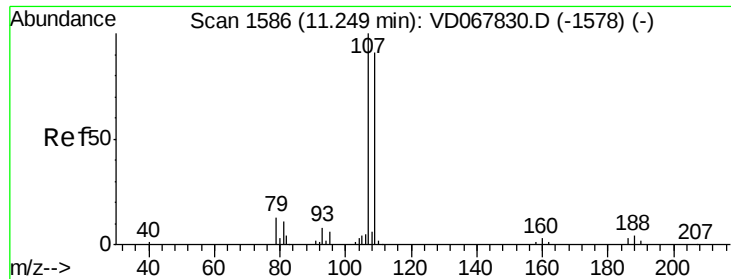
MMDadoda  
12/9/2020 9:29:04 AM



#60  
Dibromochloromethane  
Concen: 19.936 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Tgt Ion: 129 Resp: 40915  
Ion Ratio Lower Upper  
129 100  
127 79.6 39.2 117.6





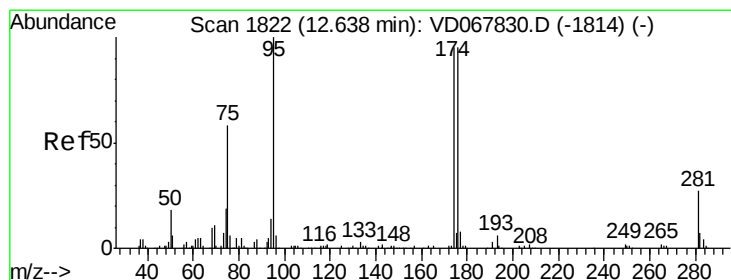
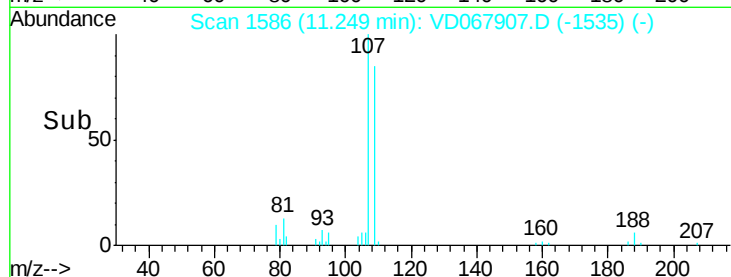
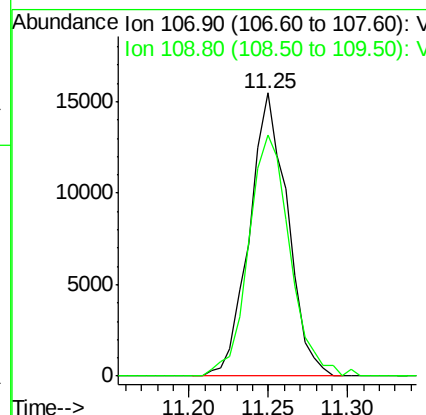
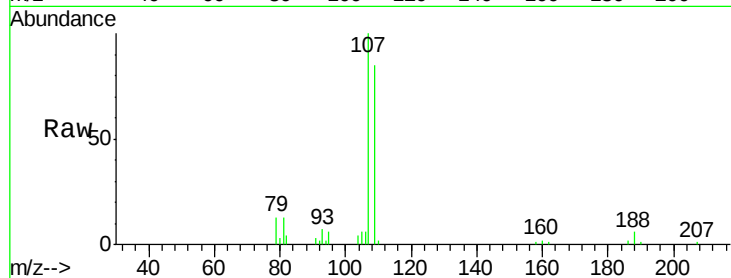
#61  
 1,2-Dibromoethane  
 Concen: 19.288 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. -0.00 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1208SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 92.9  | 75.9  | 113.9 |

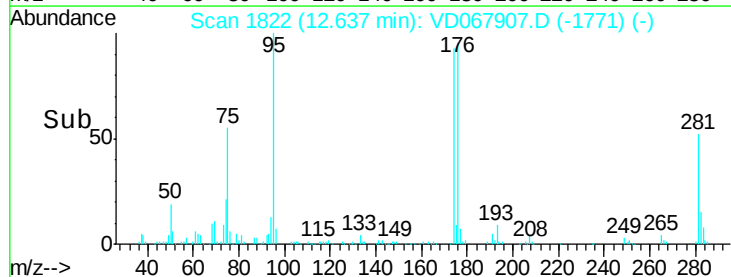
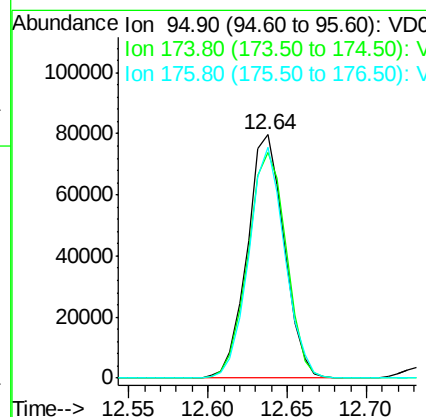
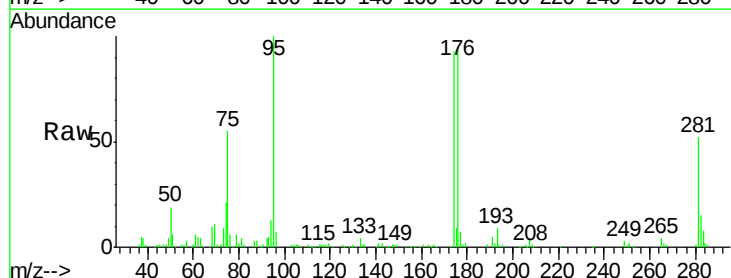
Manual Integrations  
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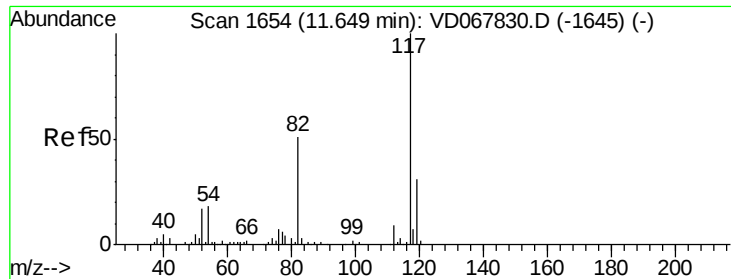
MMDadoda  
 12/9/2020 9:29:04 AM



#62  
 4-Bromofluorobenzene  
 Concen: 52.700 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. -0.00 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 96.2  | 0.0   | 186.0 |
| 176     | 92.5  | 0.0   | 184.2 |





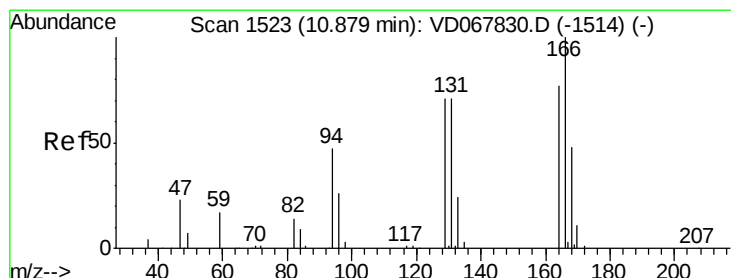
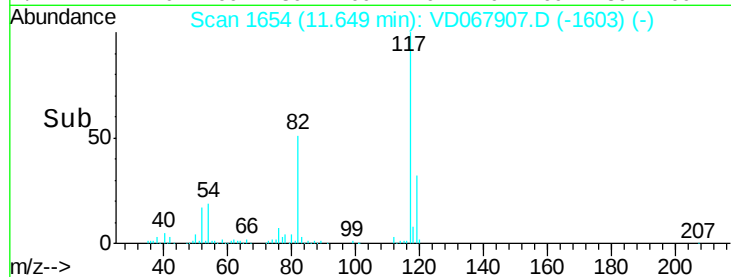
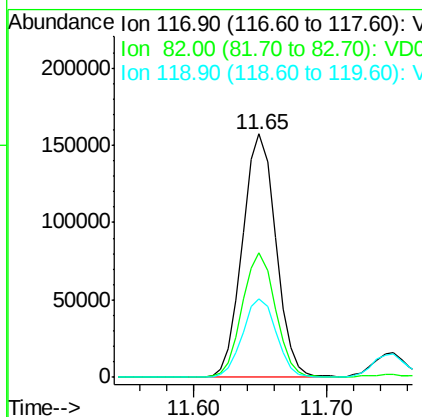
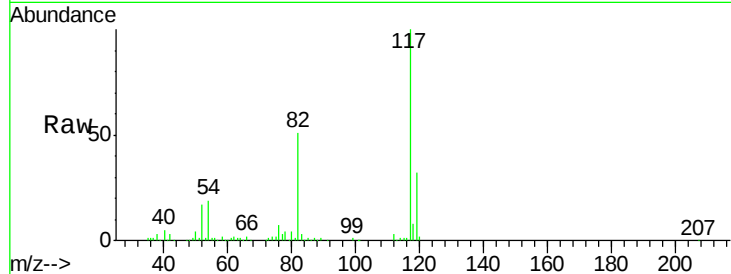
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 272715 |       |       |
| 82      | 51.0  |        | 40.6  | 60.8  |
| 119     | 32.0  |        | 25.1  | 37.7  |

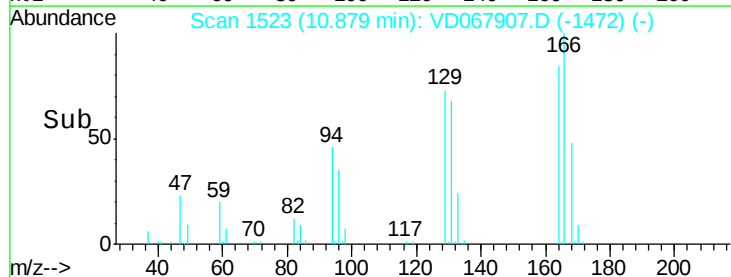
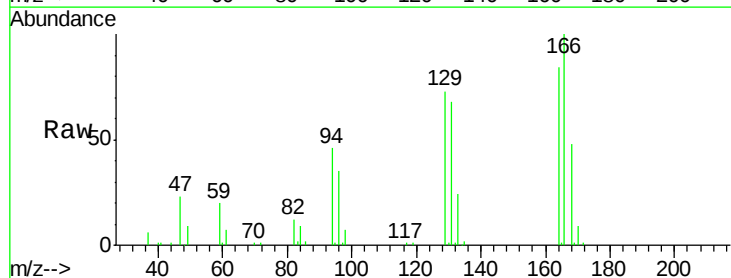
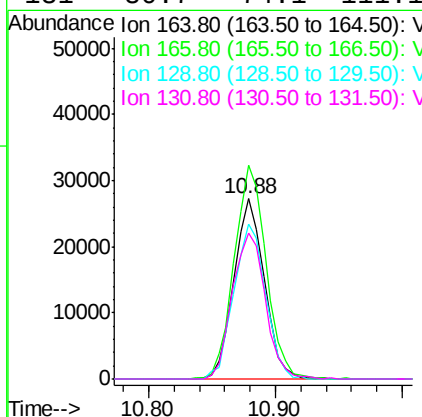
Manual Integrations  
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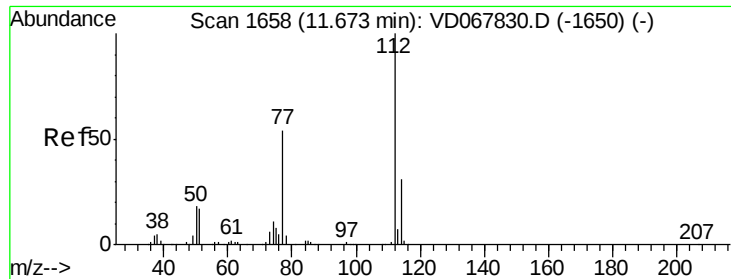
MMDadoda  
12/9/2020 9:29:04 AM



#64  
Tetrachloroethene  
Concen: 20.396 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 45371 |       |       |
| 166     | 118.6 |       | 103.8 | 155.6 |
| 129     | 86.3  |       | 73.3  | 109.9 |
| 131     | 80.7  |       | 74.1  | 111.1 |





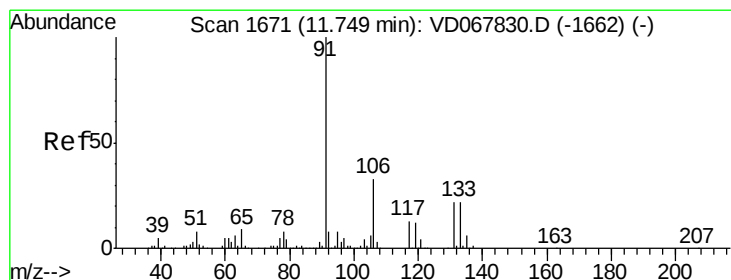
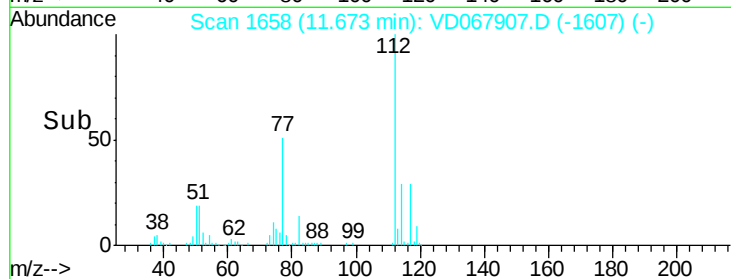
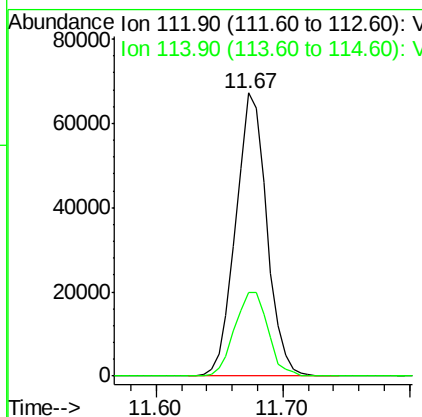
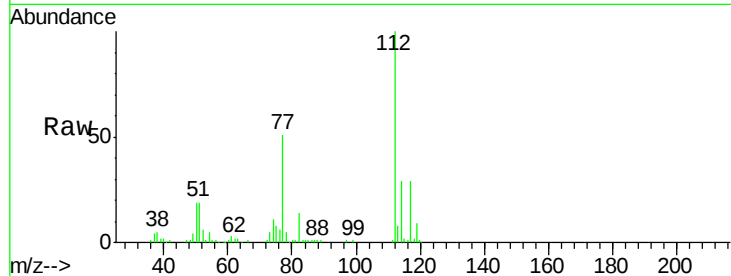
#65  
Chlorobenzene  
Concen: 20.278 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 114105 |       |       |
| 114     | 29.4  | 25.0   | 37.4  |       |

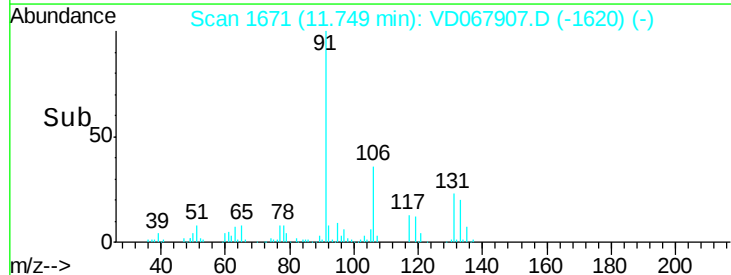
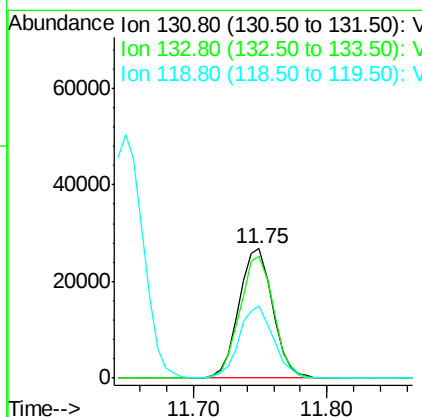
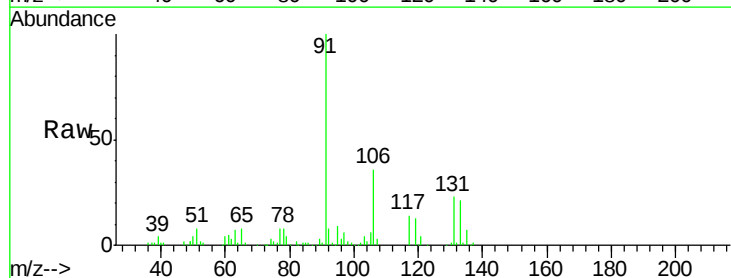
Manual Integrations  
APPROVED

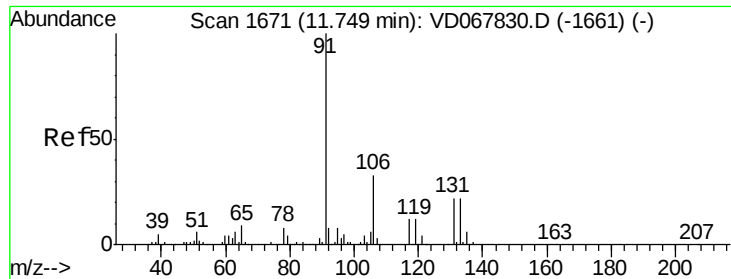
MMDadoda  
12/9/2020 9:29:04 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.491 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 131     | 100   | 47029 |       |       |
| 133     | 94.2  | 49.9  | 149.7 |       |
| 119     | 55.9  | 29.6  | 88.9  |       |





#67

Ethyl Benzene

Concen: 20.629 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Instrument :

MSVOA\_D

ClientSampleId :

VD1208SBS01

Tot Ion: 91 Resp: 197745

Ion Ratio Lower Upper

91 100

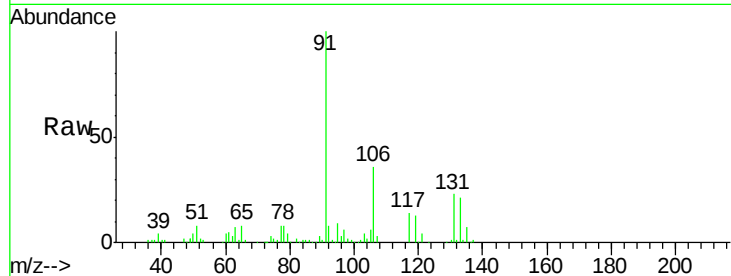
106 36.5 26.2 39.2

Manual Integrations

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12/9/2020 9:29:04 AM

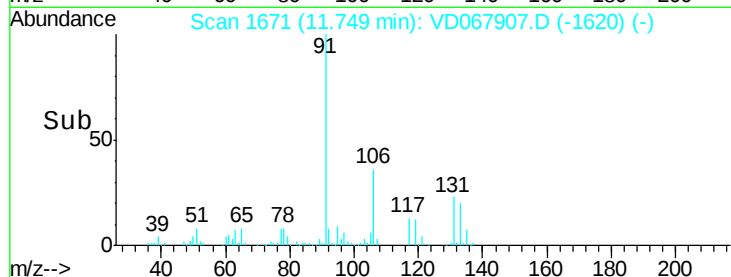


Abundance Ion 91.00 (90.70 to 91.70): V

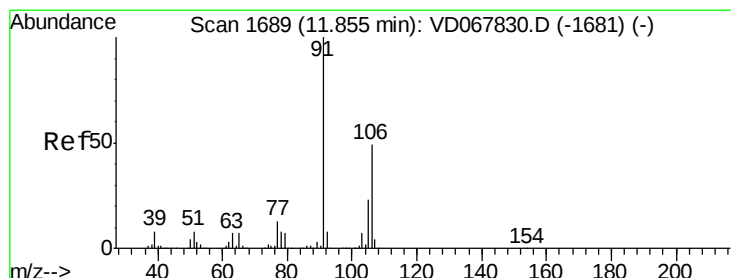
Ion 106.00 (105.70 to 106.70): V

11.75

11.80



Time-->



#68

m/p-Xylenes

Concen: 41.179 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD067907.D

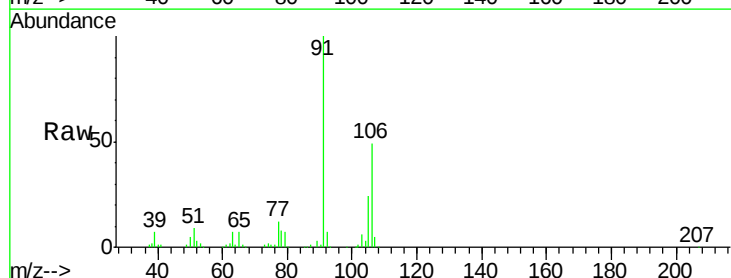
Acq: 08 Dec 2020 11:26

Tgt Ion: 106 Resp: 155649

Ion Ratio Lower Upper

106 100

91 202.6 162.8 244.2

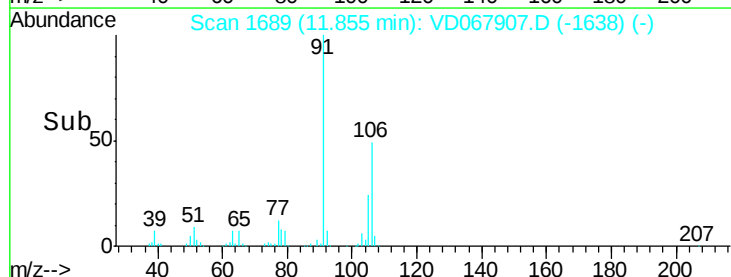


Abundance Ion 106.00 (105.70 to 106.70): V

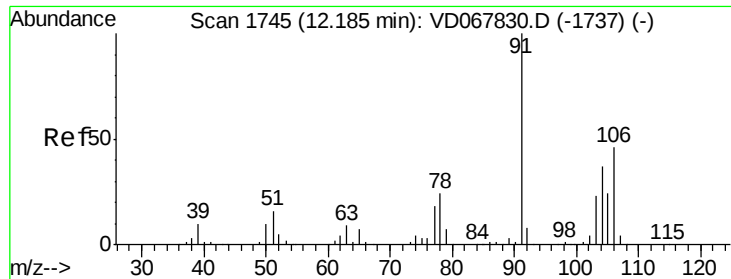
Ion 91.00 (90.70 to 91.70): V

11.86

11.90



Time-->



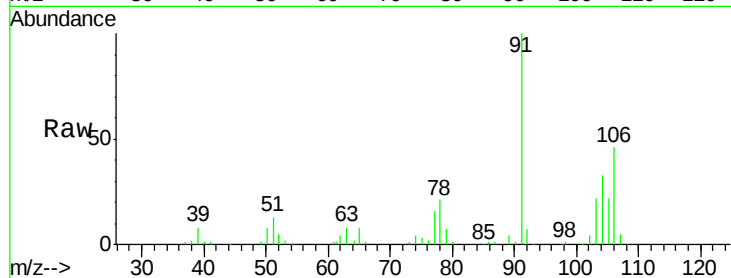
#69  
o-Xylene  
Concen: 21.940 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleID :  
VD1208SBS01

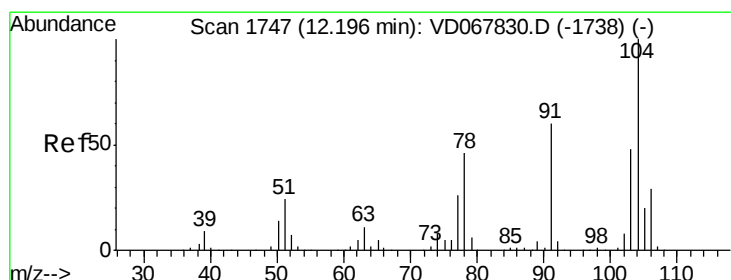
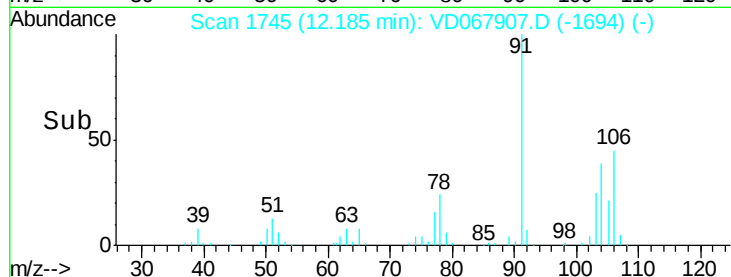
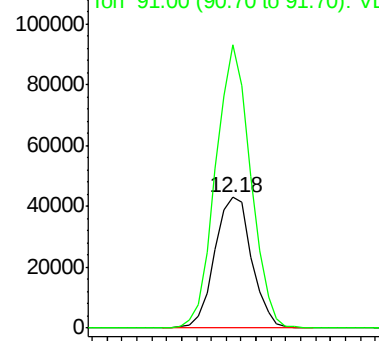
Tot Ion:106 Resp: 73622  
Ion Ratio Lower Upper  
106 100  
91 205.0 107.5 322.5

Manual Integrations  
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MMDadoda  
12/9/2020 9:29:04 AM

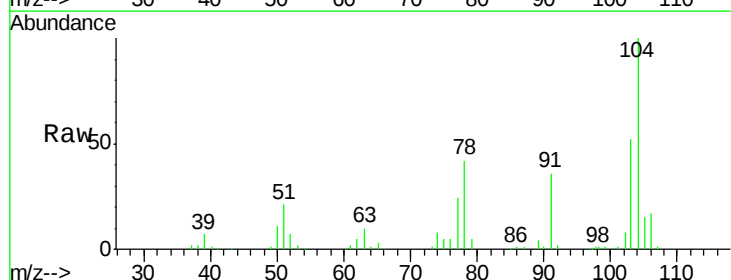


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): V

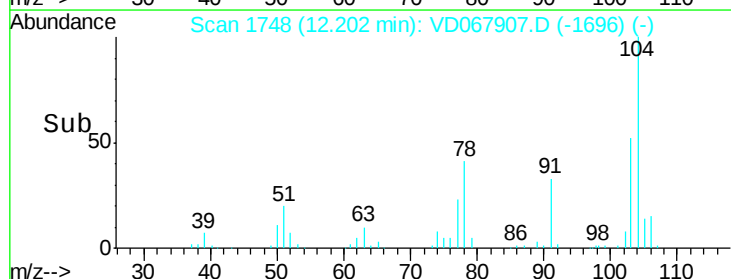
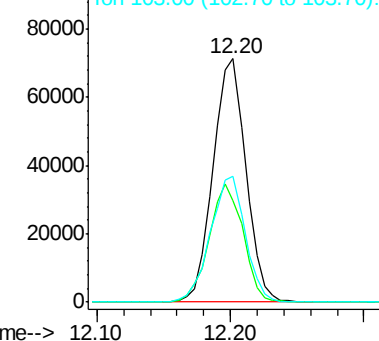


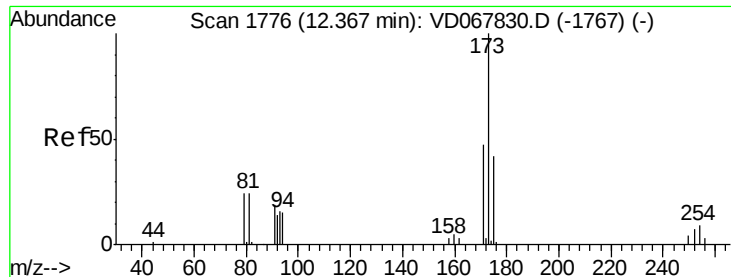
#70  
Styrene  
Concen: 20.825 ug/l  
RT: 12.20 min Scan# 1748  
Delta R.T. 0.01 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Tgt Ion:104 Resp: 121513  
Ion Ratio Lower Upper  
104 100  
78 50.1 41.6 62.4  
103 54.7 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): V  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.636 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Instrument :

MSVOA\_D

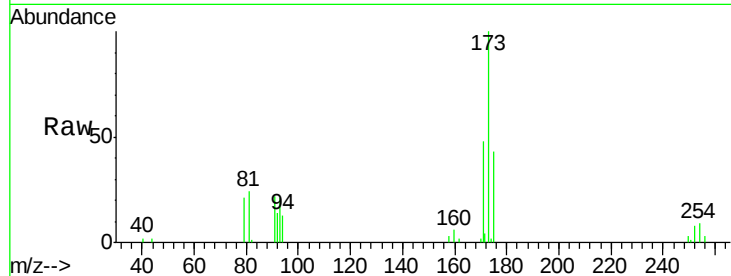
ClientSampleId :

VD1208SBS01

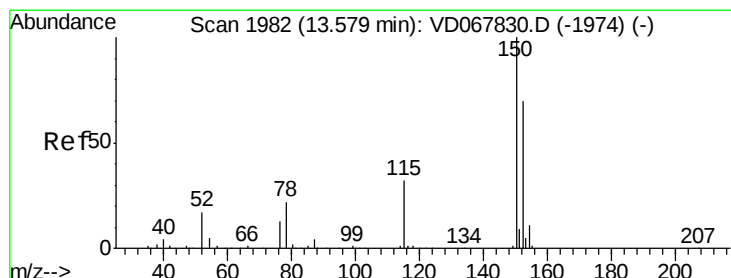
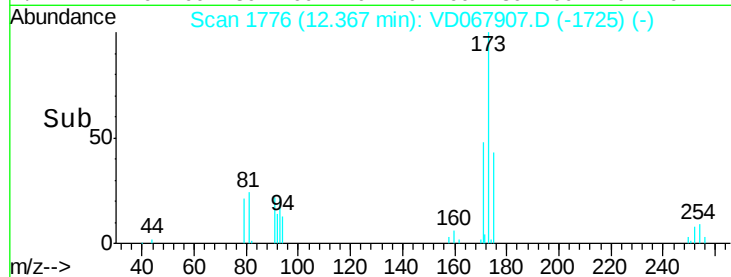
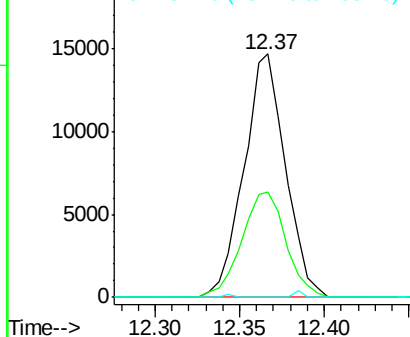
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 173   | Resp: | 25071 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 46.0  | 23.4  | 70.3  |
| 254       | 0.6   | 0.1   | 0.1#  |

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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

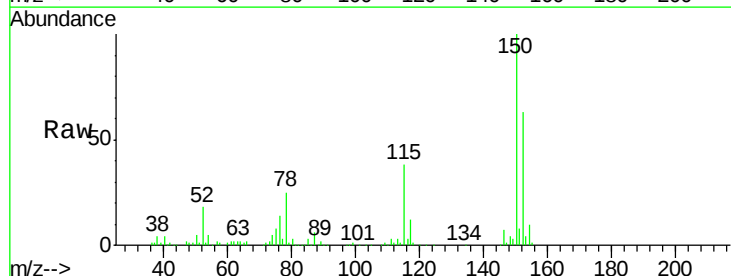
RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

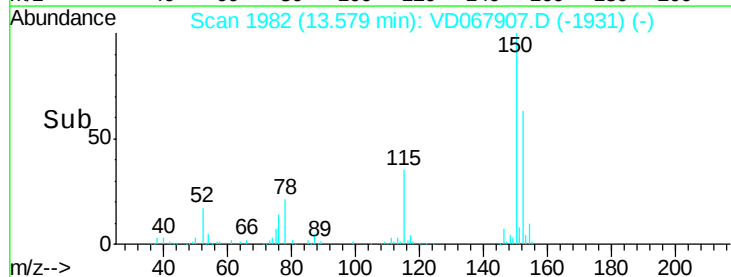
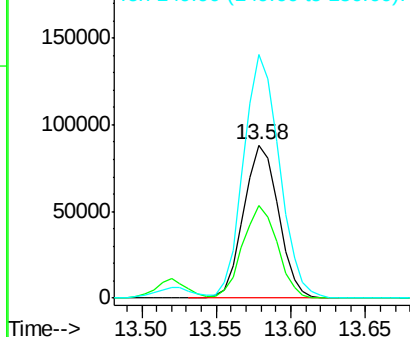
Lab File: VD067907.D

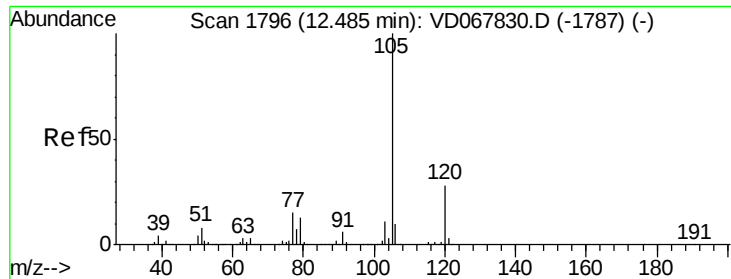
Acq: 08 Dec 2020 11:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 142482 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 60.4  | 29.1  | 87.4   |
| 150       | 164.8 | 0.0   | 339.0  |



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: 21.036 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Instrument :

MSVOA\_D

ClientSampleId :

VD1208SBS01

Tot Ion: 105 Resp: 206118

Ion Ratio Lower Upper

105 100

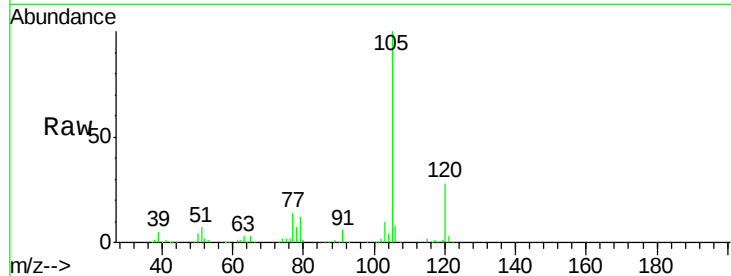
120 27.5 13.9 41.6

Manual Integrations

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12/9/2020 9:29:04 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

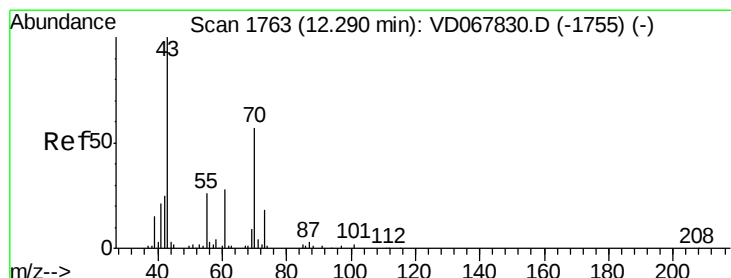
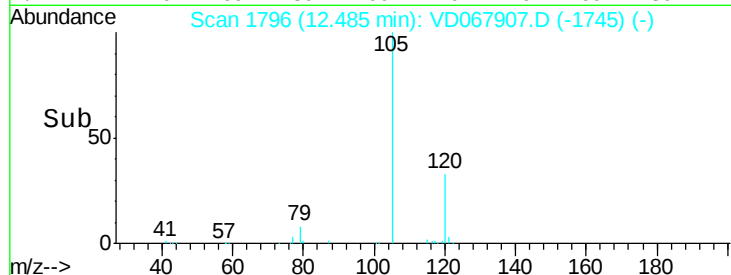
120000

100000

50000

0

Time--> 12.40 12.45 12.50 12.55



#74

N-ethyl acetate

Concen: 18.180 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Tgt Ion: 43 Resp: 22035

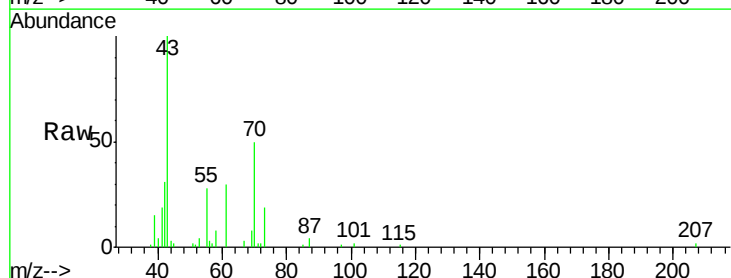
Ion Ratio Lower Upper

43 100

70 53.6 44.6 66.8

55 31.7 22.2 33.2

61 29.2 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

20000

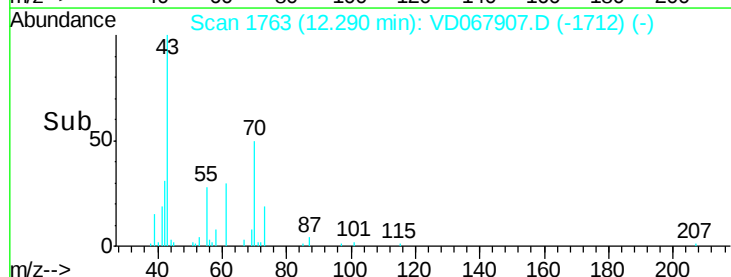
15000

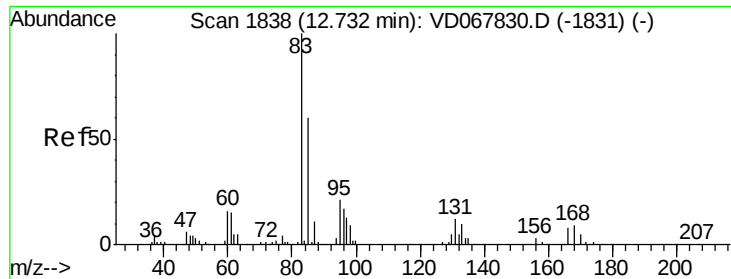
10000

5000

0

Time--> 12.25 12.30 12.35





#75

1,1,2,2-Tetrachloroethane

Concen: 18.859 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Instrument :

MSVOA\_D

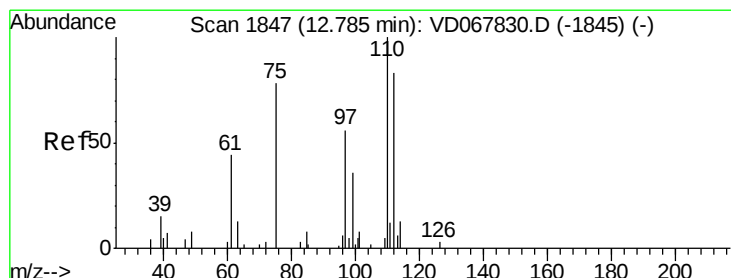
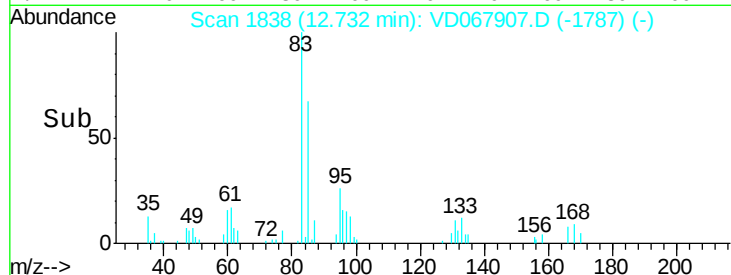
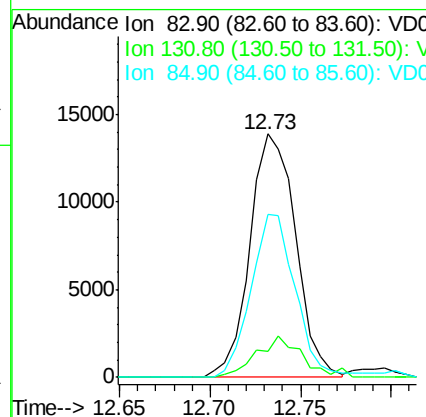
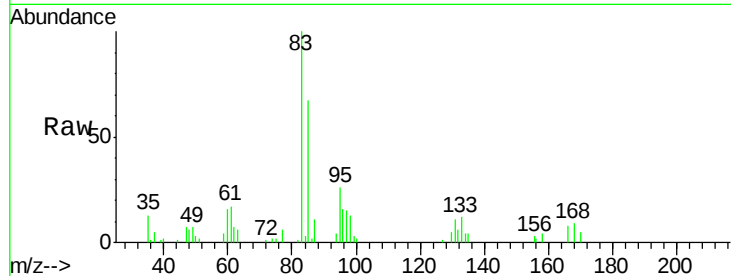
ClientSampleId :

VD1208SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 24397 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 17.2  | 8.0   | 24.0  |
| 85        | 65.2  | 31.7  | 95.1  |

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#76

1,2,3-Trichloropropane

Concen: 21.726 ug/l m

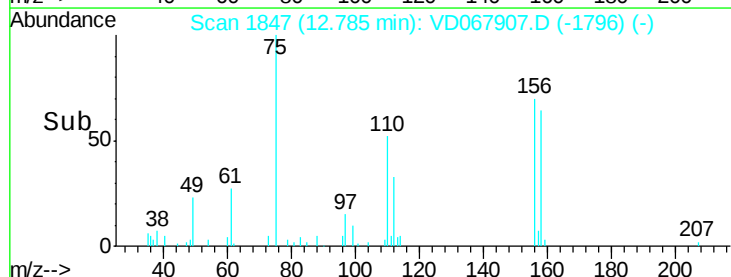
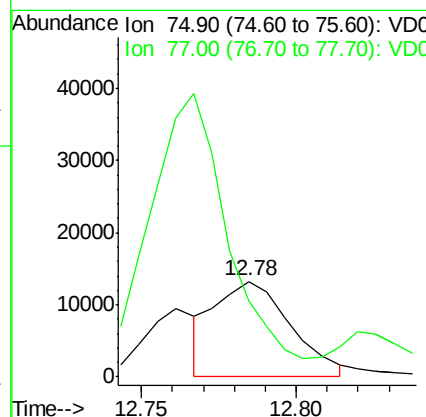
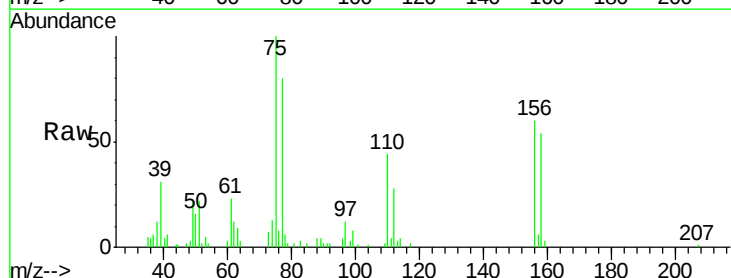
RT: 12.78 min Scan# 1847

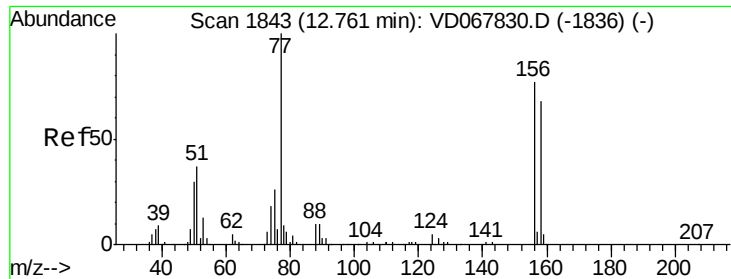
Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 22543 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 313.9 | 175.9 | 527.7 |





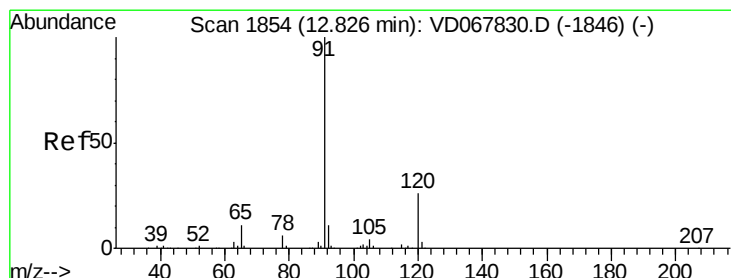
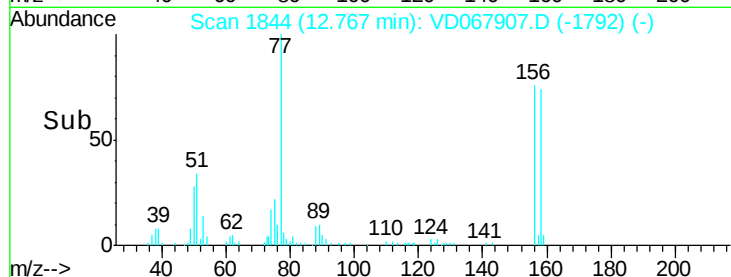
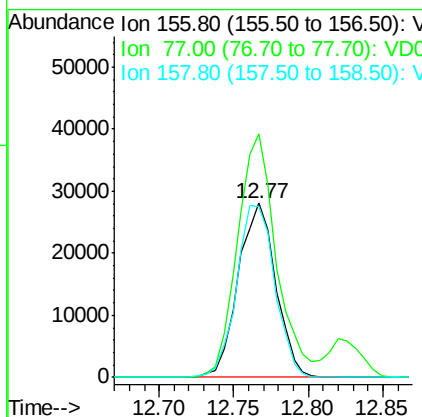
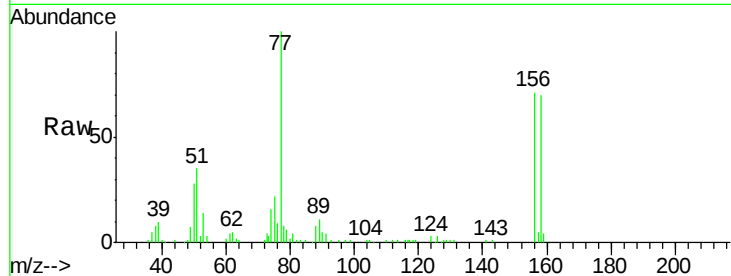
#77  
Bromobenzene  
Concen: 20.142 ug/l  
RT: 12.77 min Scan# 1844  
Delta R.T. 0.01 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 156     | 100   |       | 49065 |       |       |
| 77      | 144.2 | 71.5  | 214.5 |       |       |
| 158     | 100.2 | 47.1  | 141.4 |       |       |

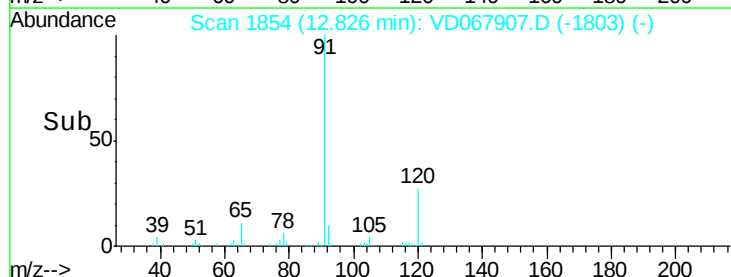
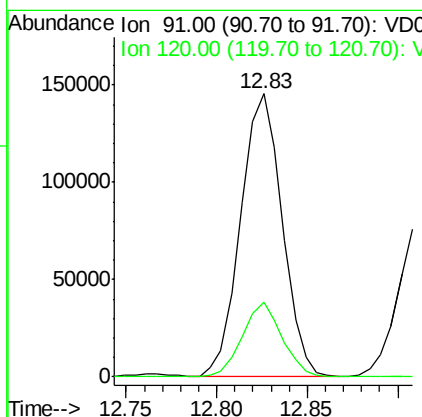
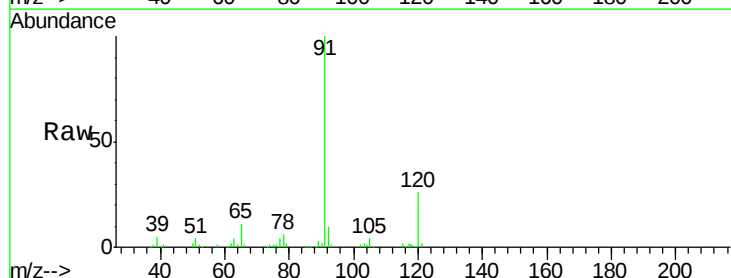
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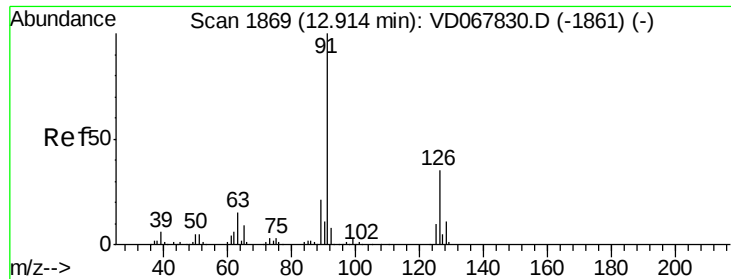
MMDadoda  
12/9/2020 9:29:04 AM



#78  
n-propylbenzene  
Concen: 21.282 ug/l  
RT: 12.83 min Scan# 1854  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 91      | 100  |       | 231121 |       |       |
| 120     | 25.2 | 12.7  | 38.0   |       |       |





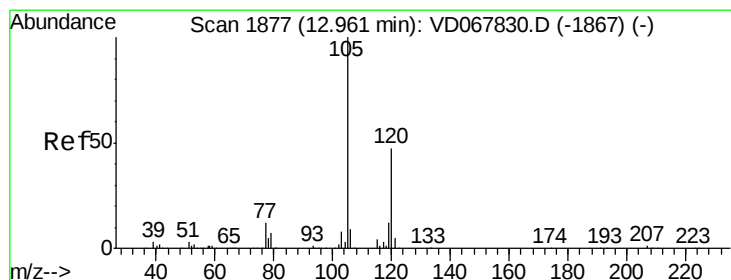
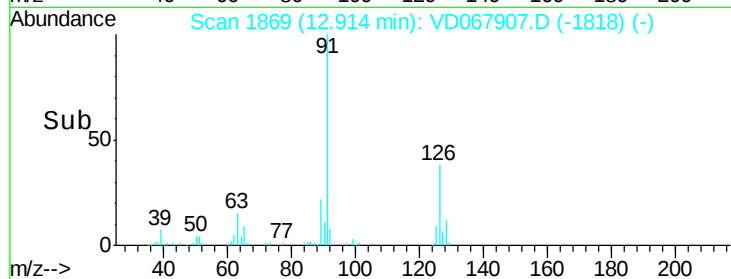
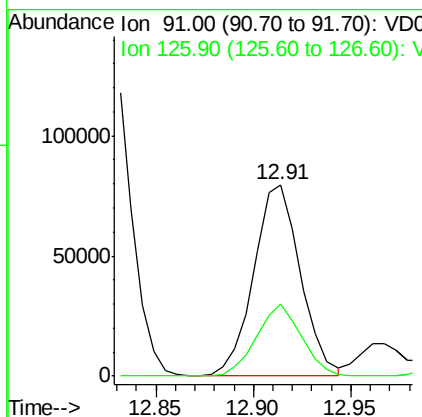
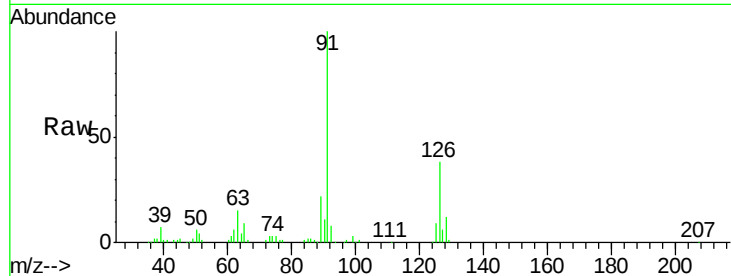
#79  
2-Chlorotoluene  
Concen: 20.584 ug/l  
RT: 12.91 min Scan# 1869  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

Tot Ion: 91 Resp: 131507  
Ion Ratio Lower Upper  
91 100  
126 36.4 17.9 53.7

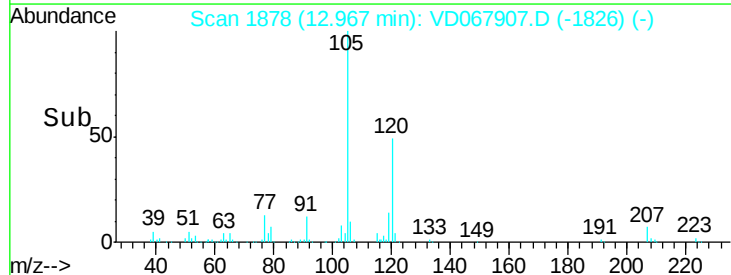
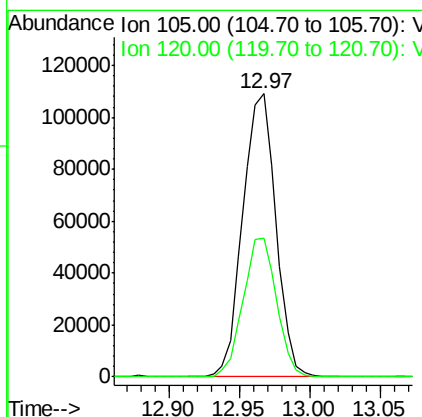
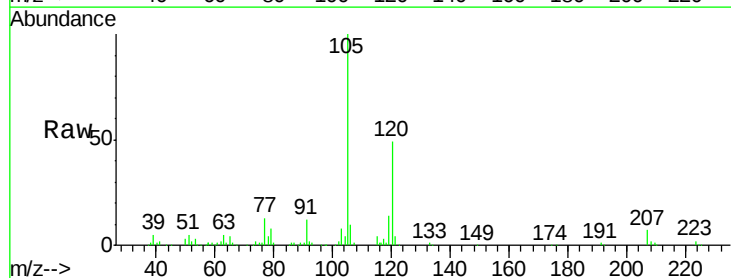
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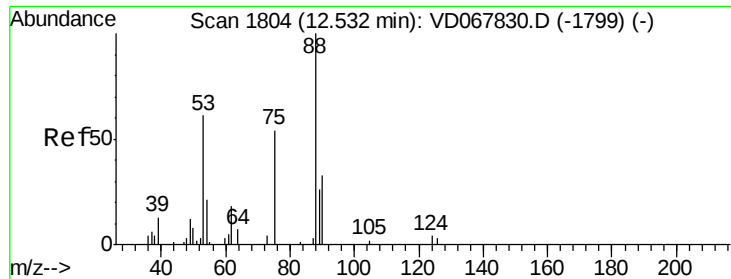
MMDadoda  
12/9/2020 9:29:04 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 21.145 ug/l  
RT: 12.97 min Scan# 1878  
Delta R.T. 0.01 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Tgt Ion: 105 Resp: 179386  
Ion Ratio Lower Upper  
105 100  
120 49.7 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.233 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

Instrument :

MSVOA\_D

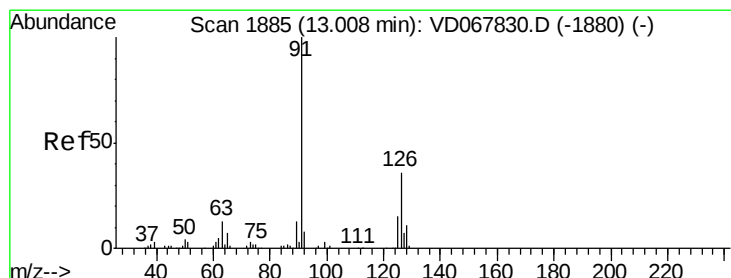
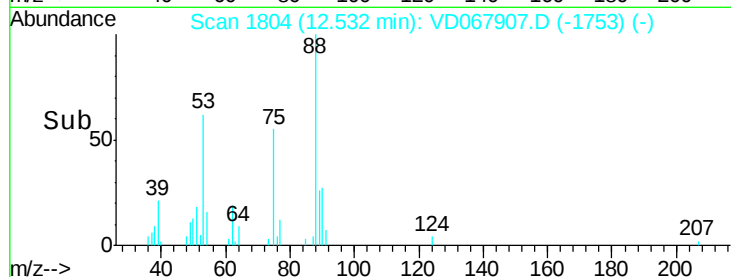
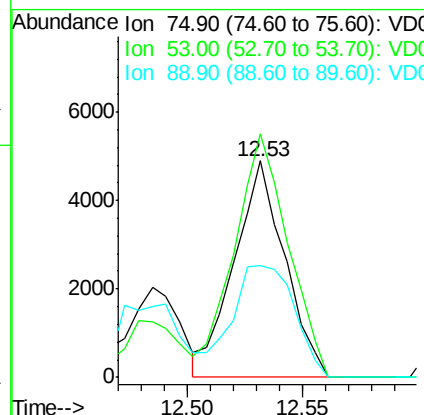
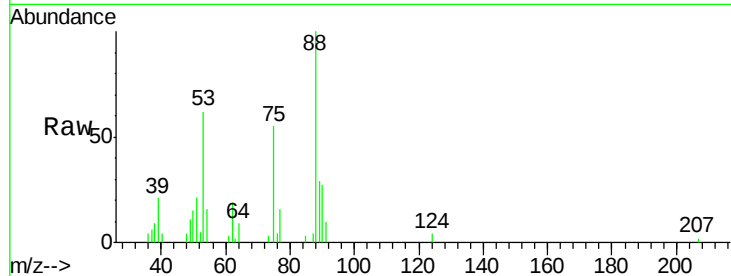
ClientSampleId :

VD1208SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 7475  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 119.7 | 84.6  | 127.0 |
| 89       | 62.6  | 41.0  | 61.6# |

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#82

4-Chlorotoluene

Concen: 20.301 ug/l

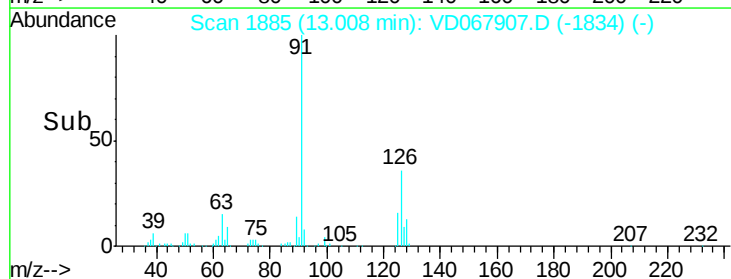
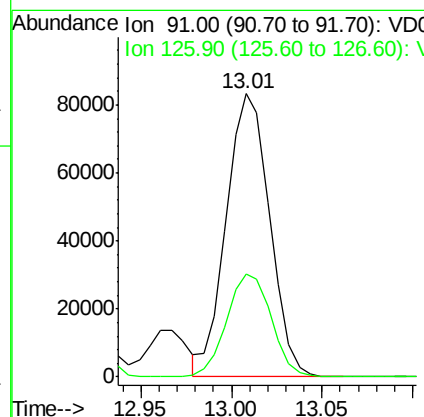
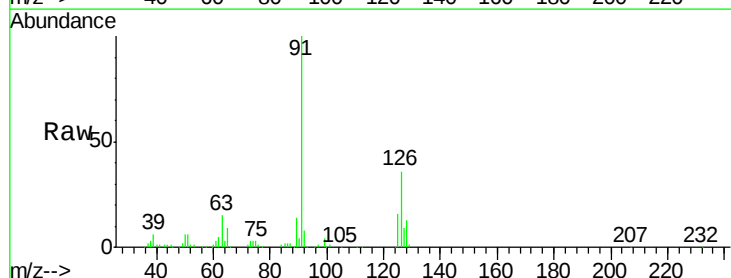
RT: 13.01 min Scan# 1885

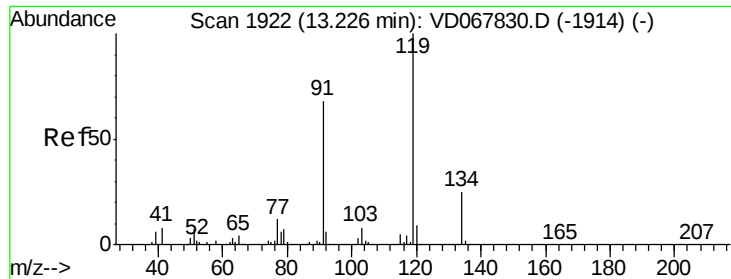
Delta R.T. -0.00 min

Lab File: VD067907.D

Acq: 08 Dec 2020 11:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 138359 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 37.3  | 18.1  | 54.4   |





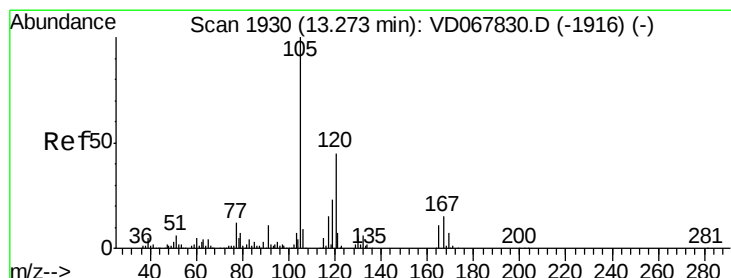
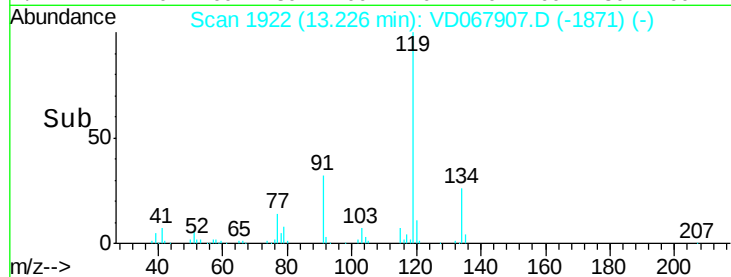
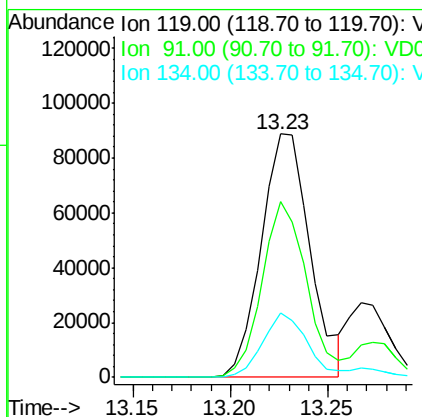
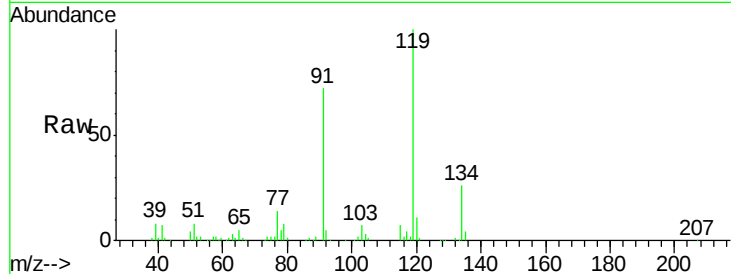
#83  
tert-Butylbenzene  
Concen: 21.354 ug/l  
RT: 13.23 min Scan# 1922  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 154155 |       |       |
| 91      | 66.0  | 33.1   | 99.3  |       |
| 134     | 23.6  | 13.6   | 40.8  |       |

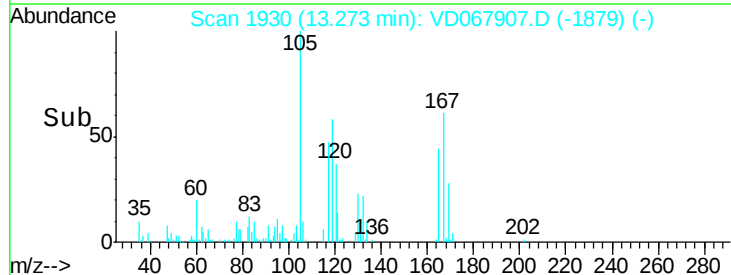
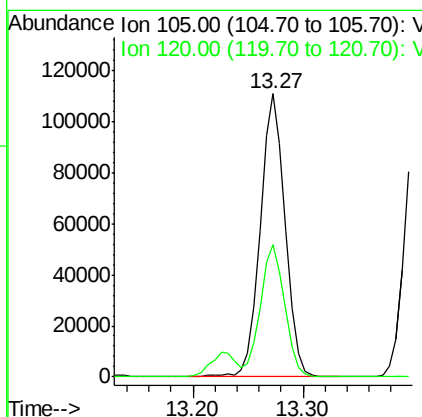
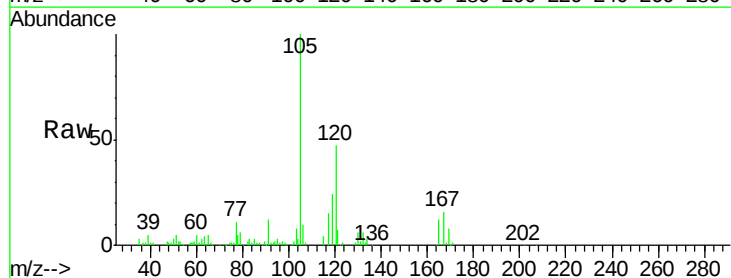
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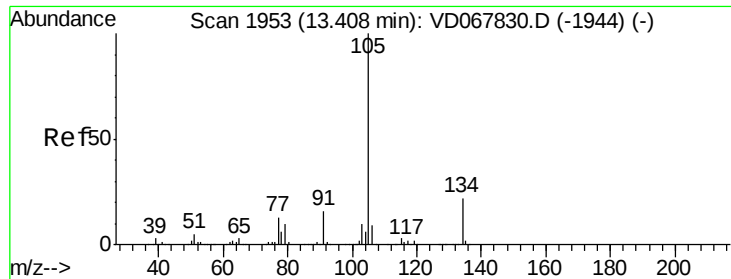
MMDadoda  
12/9/2020 9:29:04 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 20.705 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 174668 |       |       |
| 120     | 45.6  | 22.1   | 66.5  |       |





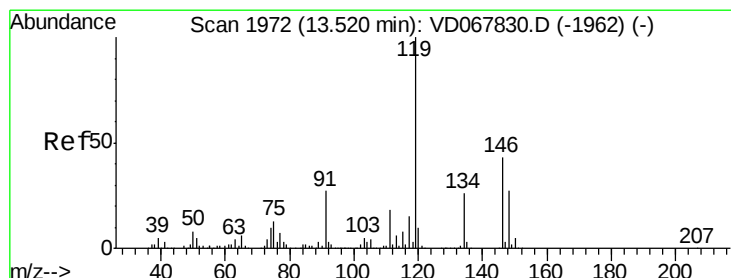
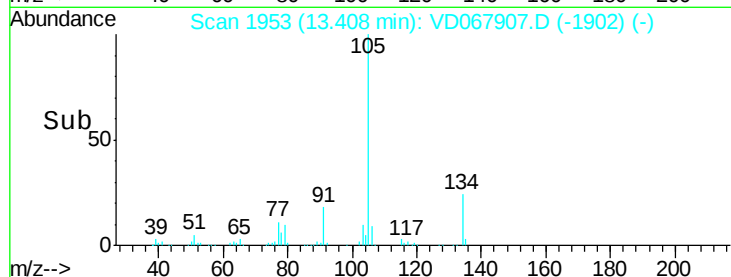
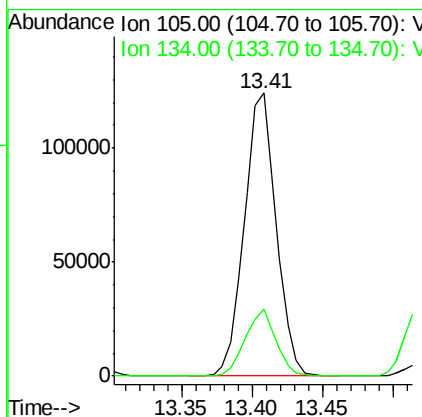
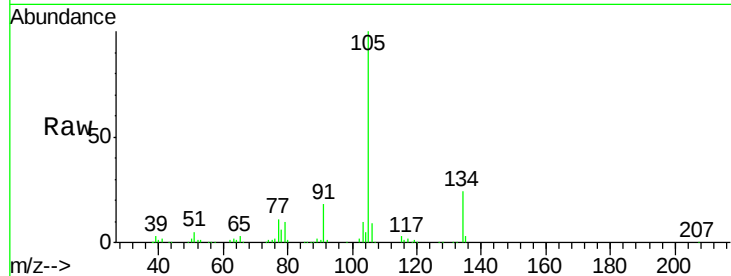
#85  
 sec-Butylbenzene  
 Concen: 20.381 ug/l  
 RT: 13.41 min Scan# 1953  
 Delta R.T. -0.00 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1208SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 22.7  | 10.9  | 32.9  |

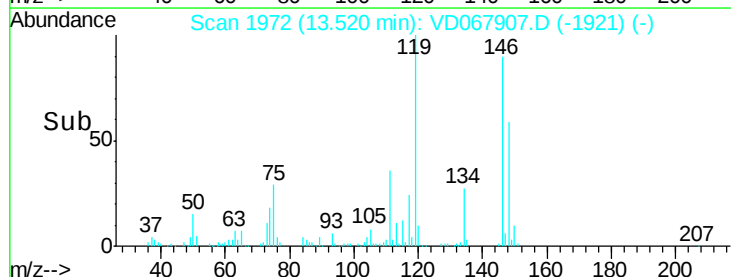
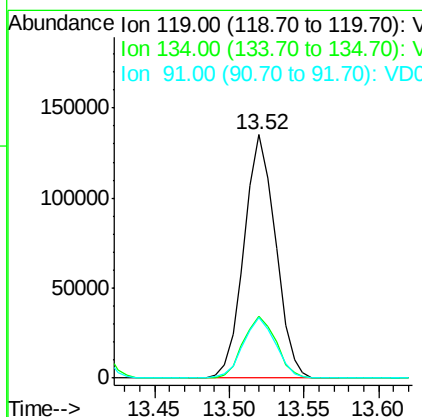
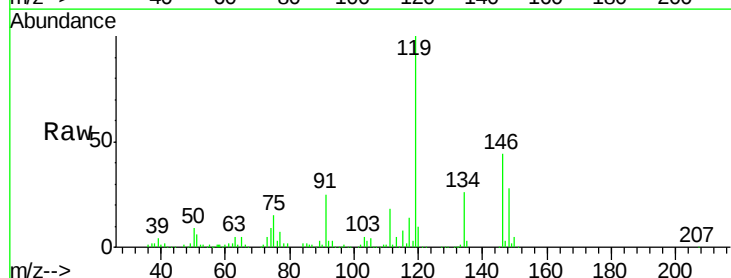
Manual Integrations  
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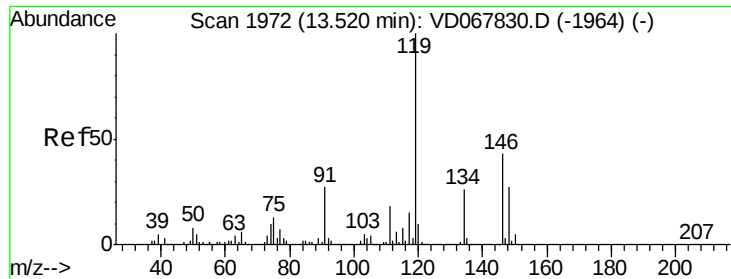
MMDadoda  
 12/9/2020 9:29:04 AM



#86  
 p-Isopropyltoluene  
 Concen: 20.902 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.00 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.4  | 13.1  | 39.3  |
| 91      | 25.6  | 12.8  | 38.3  |





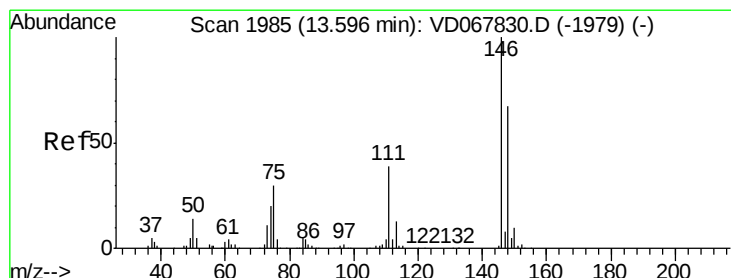
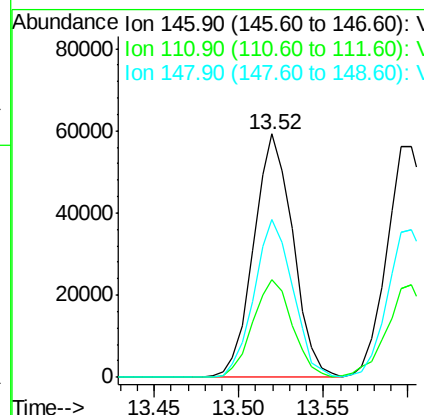
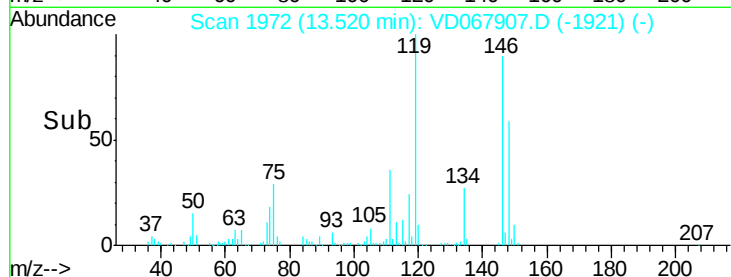
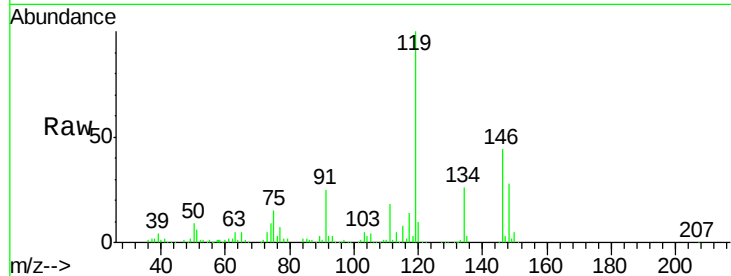
#87  
 1,3-Dichlorobenzene  
 Concen: 20.443 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.00 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1208SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.3  | 20.8  | 62.2  |
| 148     | 64.0  | 32.9  | 98.6  |

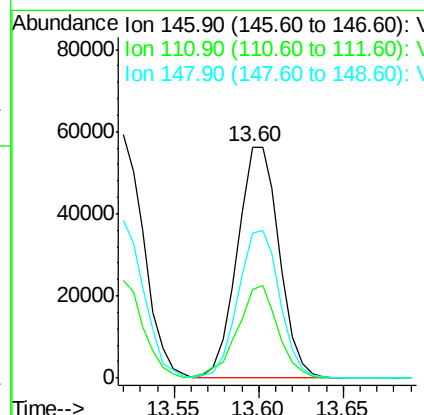
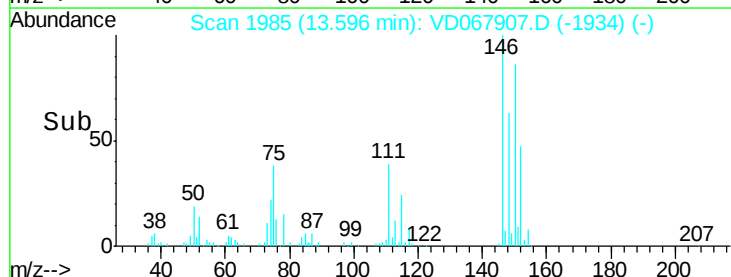
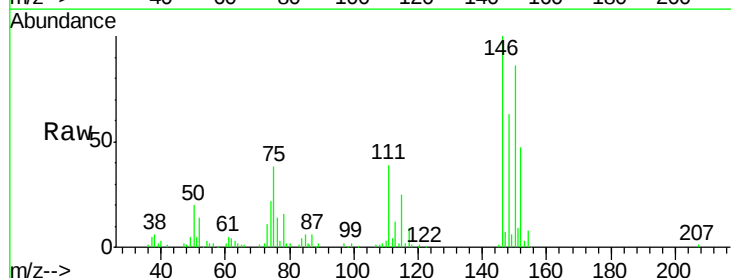
Manual Integrations  
 APPROVED

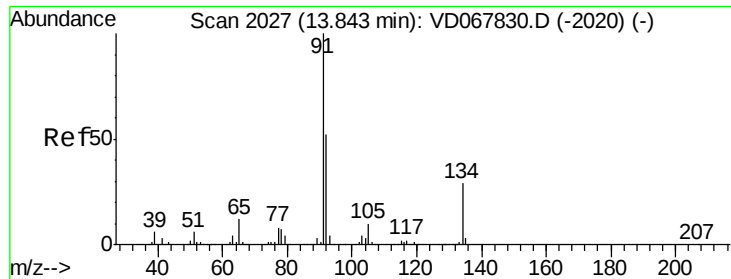
MMDadoda  
 12/9/2020 9:29:04 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 20.602 ug/l  
 RT: 13.60 min Scan# 1985  
 Delta R.T. -0.00 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.0  | 19.9  | 59.6  |
| 148     | 63.6  | 32.4  | 97.2  |





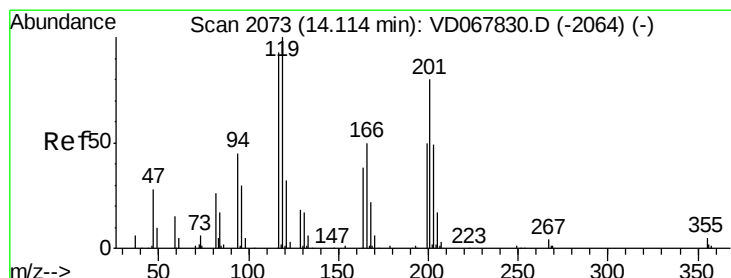
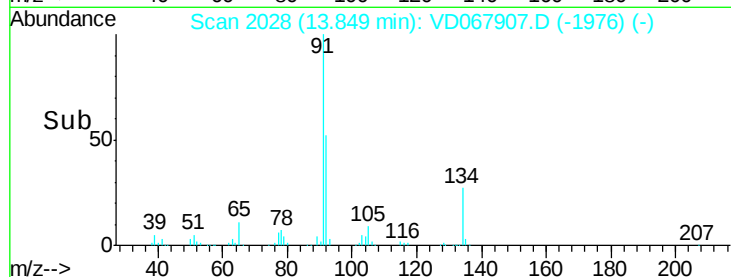
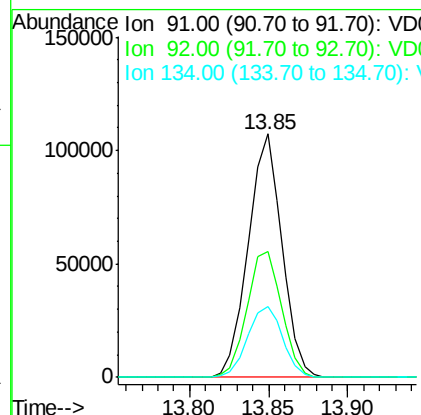
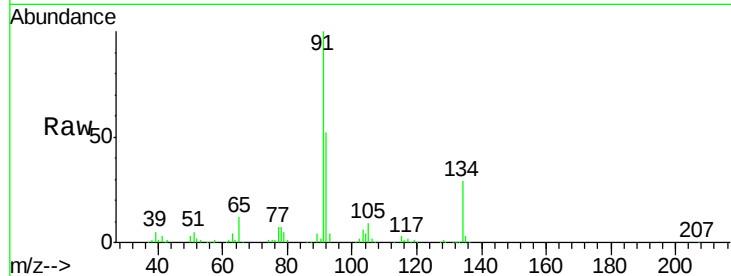
#89  
n-Butylbenzene  
Concen: 20.224 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. 0.01 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 91      | 100   |      |       |       |
| 92      | 53.2  | 26.3 | 78.8  |       |
| 134     | 30.4  | 14.8 | 44.3  |       |

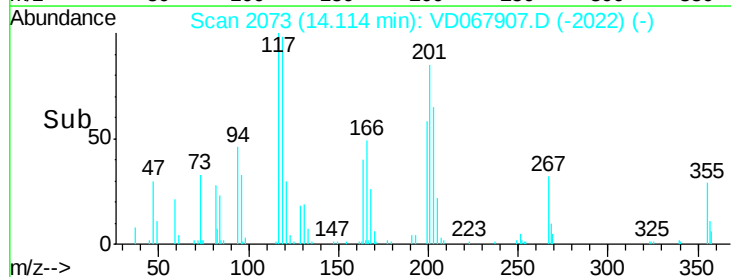
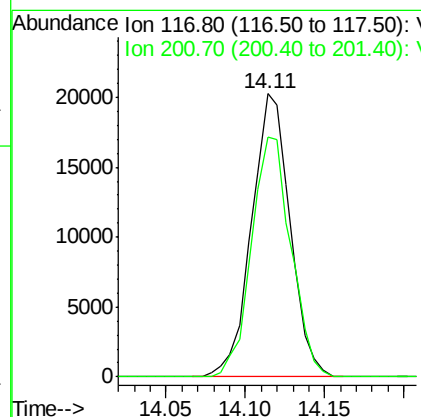
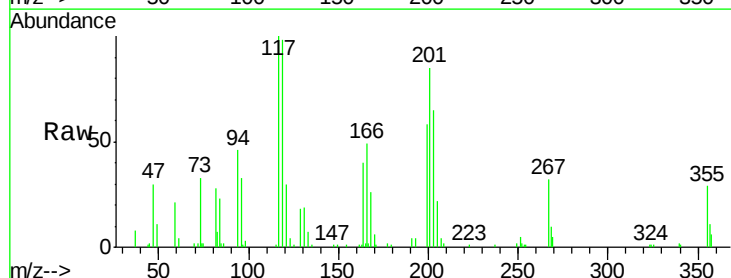
Manual Integrations  
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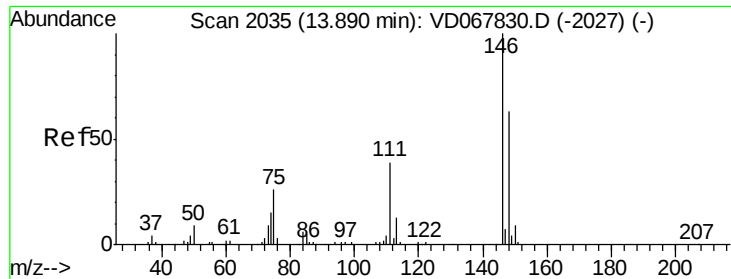
MMDadoda  
12/9/2020 9:29:04 AM



#90  
Hexachloroethane  
Concen: 19.614 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. -0.00 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 201     | 86.7  | 43.9 | 131.6 |       |





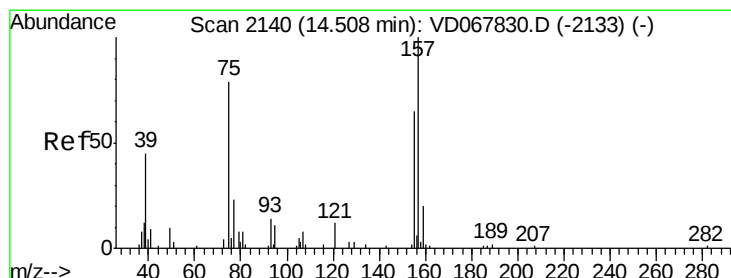
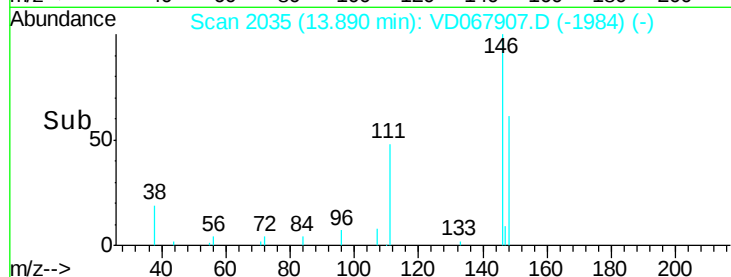
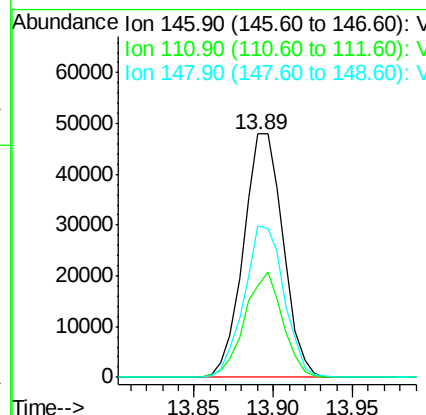
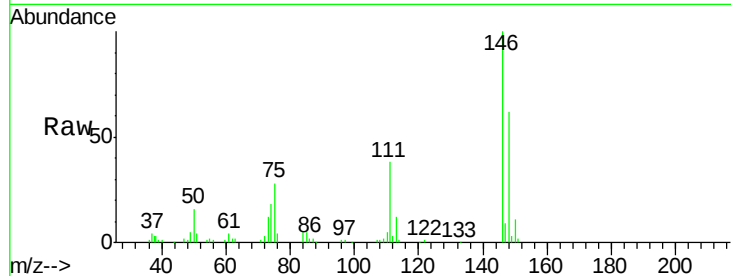
#91  
 1,2-Dichlorobenzene  
 Concen: 20.449 ug/l  
 RT: 13.89 min Scan# 2035  
 Delta R.T. -0.00 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1208SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.6  | 20.4  | 61.2  |
| 148     | 62.5  | 32.1  | 96.3  |

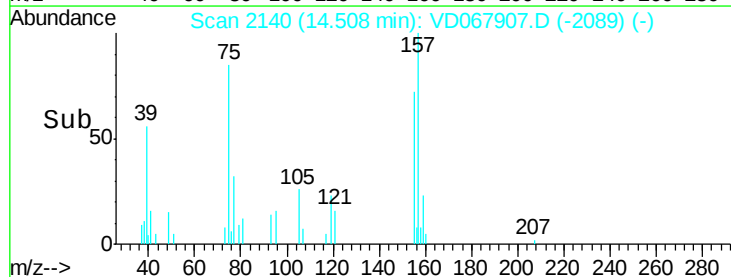
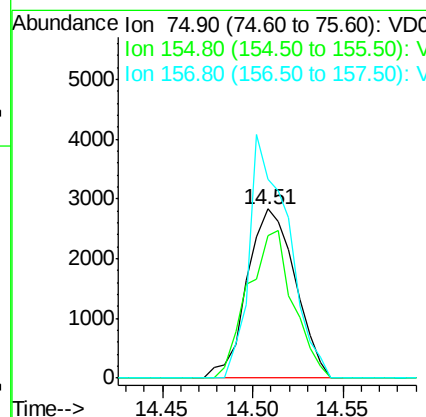
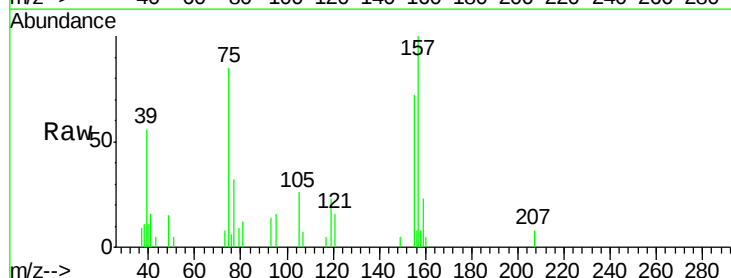
Manual Integrations  
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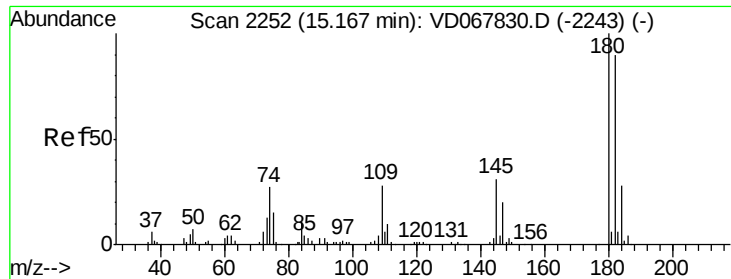
MMDadoda  
 12/9/2020 9:29:04 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.431 ug/l  
 RT: 14.51 min Scan# 2140  
 Delta R.T. -0.00 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 81.7  | 44.1  | 132.4 |
| 157     | 115.9 | 62.4  | 187.2 |





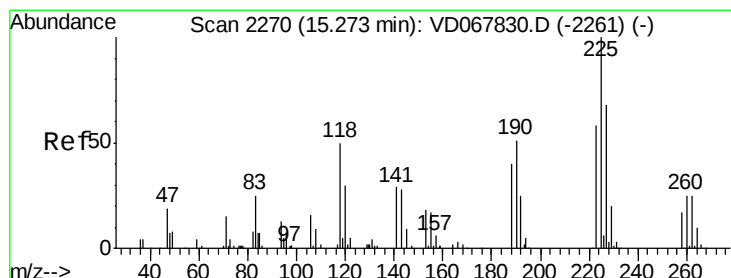
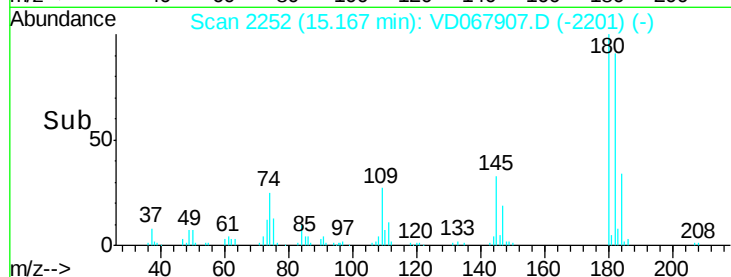
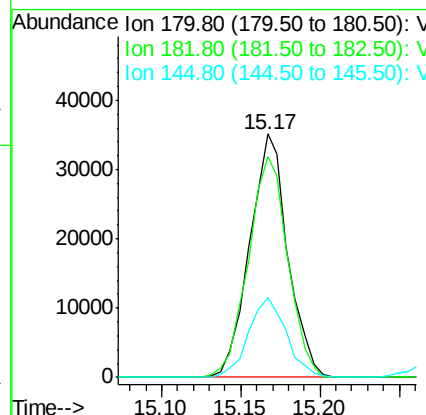
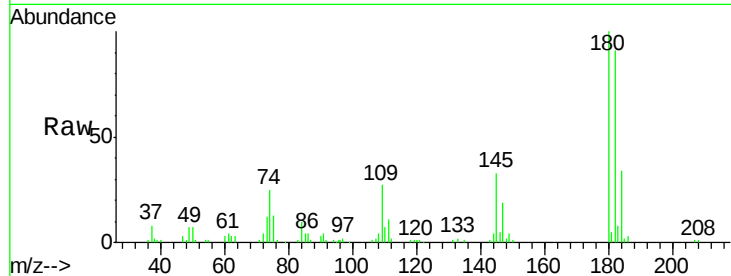
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.485 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. -0.00 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1208SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.3  | 47.5  | 142.6 |
| 145     | 32.6  | 16.4  | 49.4  |

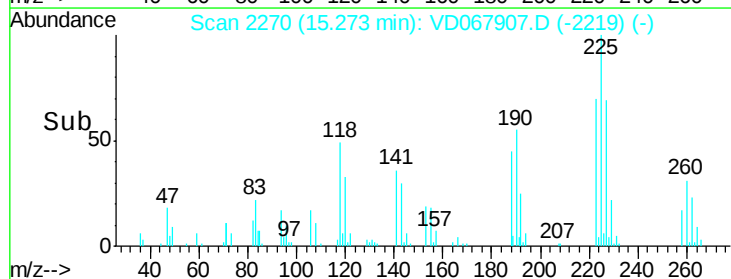
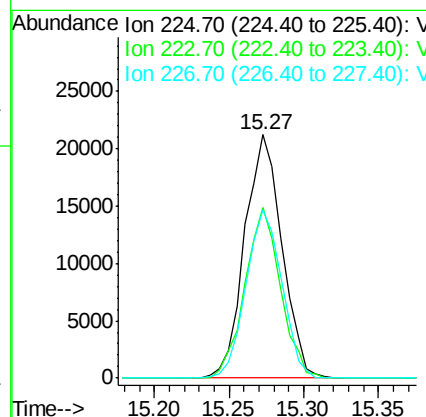
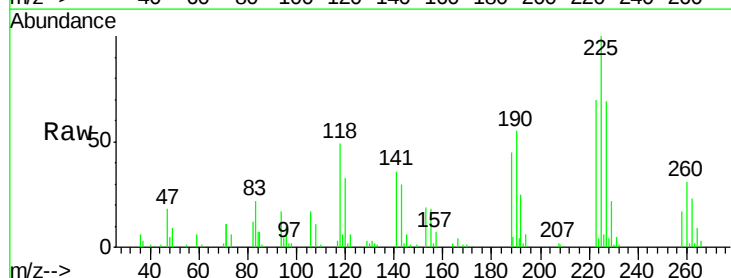
Manual Integrations  
 APPROVED

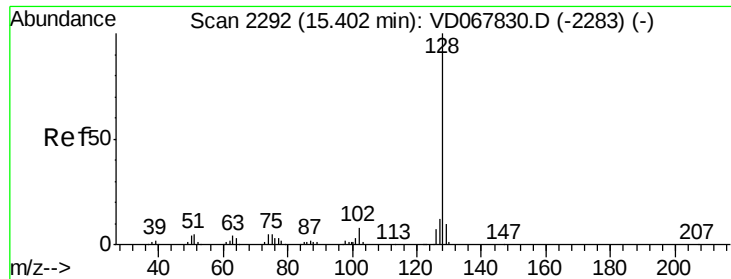
MMDadoda  
 12/9/2020 9:29:04 AM



#94  
 Hexachlorobutadiene  
 Concen: 19.717 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. -0.00 min  
 Lab File: VD067907.D  
 Acq: 08 Dec 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 66.6  | 31.1  | 93.3  |
| 227     | 66.3  | 33.1  | 99.3  |





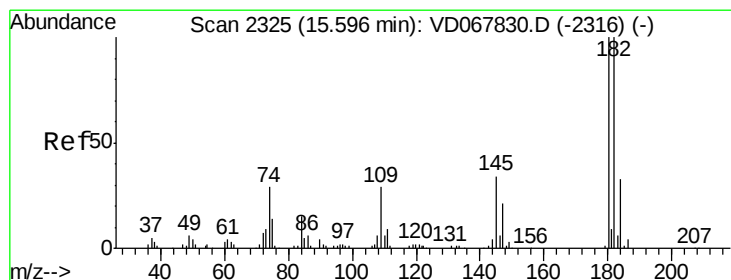
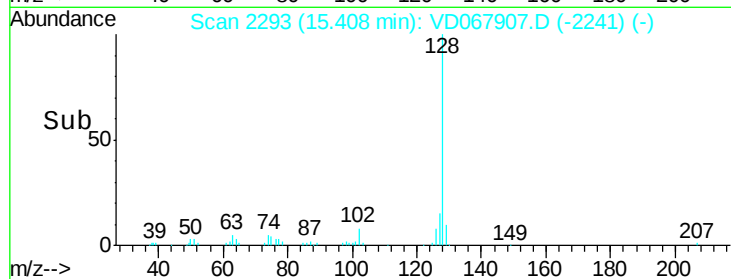
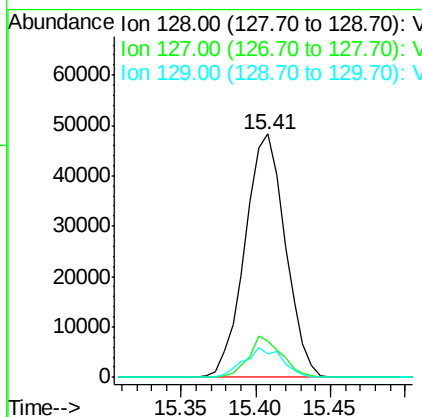
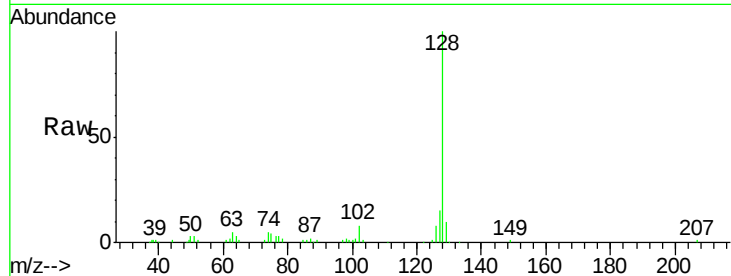
#95  
Naphthalene  
Concen: 19.453 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. 0.01 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1208SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.7  | 10.6  | 15.8  |
| 129     | 11.7  | 9.0   | 13.6  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 20.178 ug/l  
RT: 15.60 min Scan# 2326  
Delta R.T. 0.01 min  
Lab File: VD067907.D  
Acq: 08 Dec 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.1  | 47.3  | 142.0 |
| 145     | 33.8  | 16.8  | 50.4  |

