

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120320\  
 Data File : VD067859.D  
 Acq On : 03 Dec 2020 11:01  
 Operator : VA/SY  
 Sample : VD1203SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1203SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 12/4/2020 11:26:30 AM

Quant Time: Dec 03 14:29:11 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  | 229737   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 329330   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 302195   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 164632   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65    | 119227   | 48.34    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 50 - 163 | Recovery | =    | 96.68%  |
| 35) Dibromofluoromethane  | 7.92   | 113   | 108285   | 49.14    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 54 - 147 | Recovery | =    | 98.28%  |
| 50) Toluene-d8            | 10.34  | 98    | 404367   | 50.97    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 49 - 140 | Recovery | =    | 101.94% |
| 62) 4-Bromofluorobenzene  | 12.64  | 95    | 145121   | 52.91    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 25 - 144 | Recovery | =    | 105.82% |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 39338  | 19.676  | ug/l   | 91     |
| 3) Chloromethane              | 2.21 | 50  | 22156  | 19.202  | ug/l   | 92     |
| 4) Vinyl Chloride             | 2.36 | 62  | 27812  | 19.139  | ug/l   | 100    |
| 5) Bromomethane               | 2.76 | 94  | 34639  | 26.701  | ug/l   | 96     |
| 6) Chloroethane               | 2.93 | 64  | 19985  | 21.122  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.28 | 101 | 90415  | 20.333  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.71 | 74  | 16373  | 18.891  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.10 | 101 | 40584  | 20.015  | ug/l   | 95     |
| 10) Methyl Iodide             | 4.31 | 142 | 29514  | 13.732  | ug/l   | 97     |
| 11) Tert butyl alcohol        | 5.20 | 59  | 17599  | 105.651 | ug/l # | 74     |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 37499  | 19.698  | ug/l   | 89     |
| 13) Acrolein                  | 3.92 | 56  | 8424   | 88.882  | ug/l   | 94     |
| 14) Allyl chloride            | 4.72 | 41  | 35070  | 19.913  | ug/l   | 95     |
| 15) Acrylonitrile             | 5.42 | 53  | 30937  | 102.943 | ug/l   | 94     |
| 16) Acetone                   | 4.15 | 43  | 30017  | 98.493  | ug/l   | 96     |
| 17) Carbon Disulfide          | 4.41 | 76  | 104468 | 19.655  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.71 | 43  | 11510  | 19.683  | ug/l   | 94     |
| 19) Methyl tert-butyl Ether   | 5.48 | 73  | 81785  | 20.063  | ug/l   | 93     |
| 20) Methylene Chloride        | 4.97 | 84  | 49644  | 22.923  | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene  | 5.48 | 96  | 44655  | 20.614  | ug/l   | 97     |
| 22) Diisopropyl ether         | 6.37 | 45  | 74790  | 21.115  | ug/l   | 95     |
| 23) Vinyl Acetate             | 6.31 | 43  | 204835 | 103.950 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 62494  | 20.127  | ug/l   | 94     |
| 25) 2-Butanone                | 7.21 | 43  | 32063  | 100.025 | ug/l   | 93     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 78121  | 21.099  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 49174  | 20.754  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.55 | 49  | 18228  | 18.490  | ug/l   | 94     |
| 29) Tetrahydrofuran           | 7.56 | 42  | 17919  | 98.177  | ug/l   | 91     |
| 30) Chloroform                | 7.71 | 83  | 82839  | 19.964  | ug/l   | 90     |
| 31) Cyclohexane               | 7.98 | 56  | 50012  | 19.247  | ug/l # | 89     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97  | 89507  | 20.434  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 59137  | 20.743  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.30 | 43  | 15552  | 20.240  | ug/l # | 89     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 87218  | 20.219  | ug/l   | 95     |

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 Sample : VD1203SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1203SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 12/4/2020 11:26:30 AM

Quant Time: Dec 03 14:29:11 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   | 68177    | 20.179  | ug/l   | 94       |
| 40) Benzene                    | 8.36  | 78   | 159874   | 20.494  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.53  | 41   | 7284     | 17.008  | ug/l # | 85       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 57218    | 20.579  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 29207    | 19.318  | ug/l   | 93       |
| 44) Trichloroethene            | 9.11  | 130  | 55400    | 20.655  | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 32869    | 20.529  | ug/l # | 88       |
| 46) Dibromomethane             | 9.48  | 93   | 22667    | 20.362  | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.67  | 83   | 64098    | 20.197  | ug/l   | 95       |
| 48) Methyl methacrylate        | 9.46  | 41   | 14886    | 19.390  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 5021     | 394.722 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 69505    | 97.134  | ug/l   | 93       |
| 52) Toluene                    | 10.41 | 92   | 116299   | 21.323  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 58057    | 21.195  | ug/l   | 89       |
| 54) cis-1,3-Dichloropropene    | 10.10 | 75   | 62908    | 21.113  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.81 | 97   | 30320    | 19.902  | ug/l   | 90       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 30654    | 19.776  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 48405    | 20.058  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 65002    | 92.159  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.99 | 43   | 50506    | 100.125 | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.14 | 129  | 48432    | 21.089  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 30198    | 20.157  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.88 | 164  | 49265    | 19.986  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.67 | 112  | 126566   | 20.298  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.75 | 131  | 53000    | 20.840  | ug/l   | 96       |
| 67) Ethyl Benzene              | 11.75 | 91   | 219839   | 20.696  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.86 | 106  | 178158   | 42.536  | ug/l   | 97       |
| 69) o-Xylene                   | 12.18 | 106  | 79213    | 21.303  | ug/l   | 99       |
| 70) Styrene                    | 12.20 | 104  | 143089   | 22.131  | ug/l   | 97       |
| 71) Bromoform                  | 12.36 | 173  | 27833    | 20.675  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.48 | 105  | 234317   | 20.696  | ug/l   | 96       |
| 74) N-amyl acetate             | 12.29 | 43   | 25114    | 17.933  | ug/l # | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 28123    | 18.815  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 23714m   | 19.780  | ug/l   |          |
| 77) Bromobenzene               | 12.77 | 156  | 56565    | 20.097  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.83 | 91   | 255232   | 20.340  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 145196   | 19.669  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 200526   | 20.457  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 8941     | 17.839  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 157669   | 20.022  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.23 | 119  | 170434   | 20.432  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 198272   | 20.341  | ug/l   | 95       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 219760   | 19.739  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 219531   | 20.119  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 110650   | 20.379  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 108155   | 19.911  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.84 | 91   | 179204   | 19.769  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.11 | 117  | 38704    | 19.213  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 95502    | 20.281  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 6163     | 19.756  | ug/l   | 90       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120320\  
Data File : VD067859.D  
Acq On : 03 Dec 2020 11:01  
Operator : VA/SY  
Sample : VD1203SBS01  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

Manual Integrations  
APPROVED

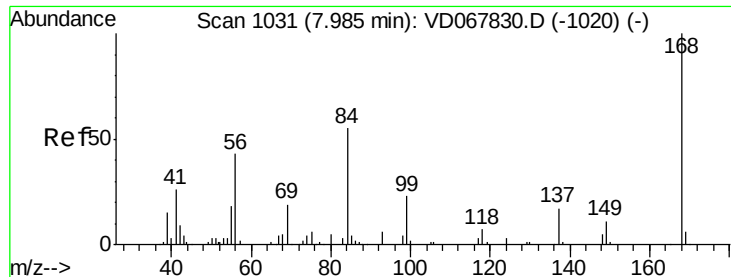
MMDadoda  
12/4/2020 11:26:30 AM

Quant Time: Dec 03 14:29:11 2020  
Quant Method : Z:\V0ASRV\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 | 15.16 | 180  | 70106    | 21.283 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 40980    | 19.066 | ug/l  | 97       |
| 95) Naphthalene            | 15.40 | 128  | 108669   | 20.274 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 59931    | 21.068 | ug/l  | 99       |

(#) = 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: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

ClientSampleId :

VD1203SBS01

Tot Ion:168 Resp: 229737

Ion Ratio Lower Upper

168 100

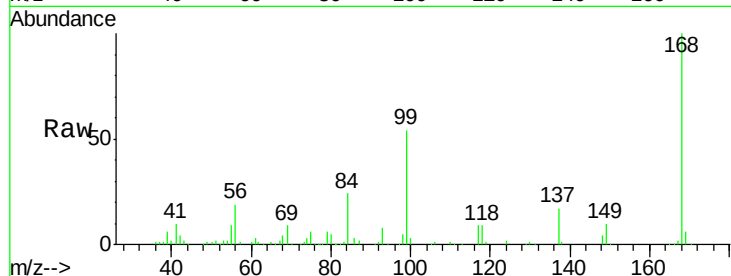
99 53.8 47.1 70.7

Manual Integrations

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12/4/2020 11:26:30 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

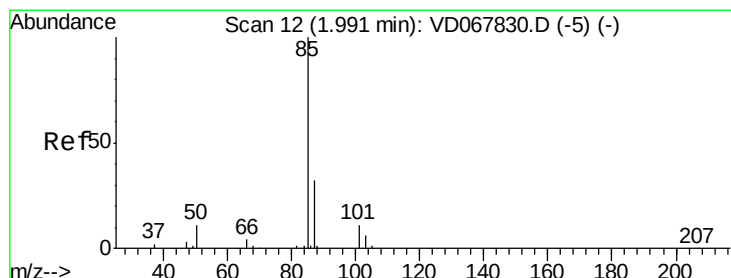
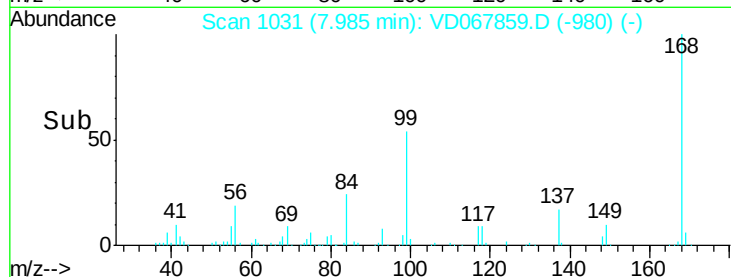
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.676 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067859.D

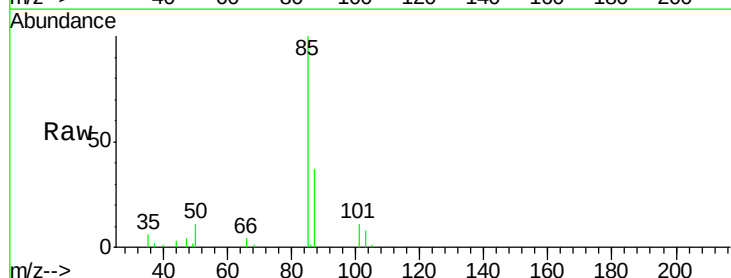
Acq: 03 Dec 2020 11:01

Tgt Ion: 85 Resp: 39338

Ion Ratio Lower Upper

85 100

87 36.6 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

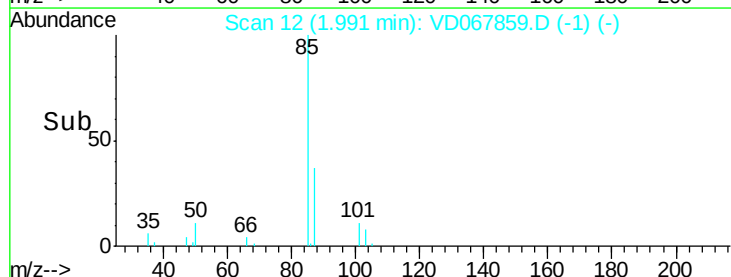
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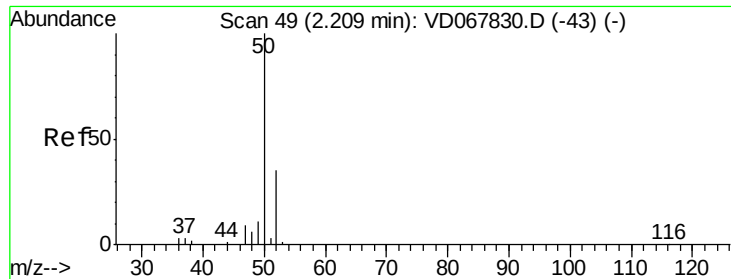
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.202 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

ClientSampleId :

VD1203SBS01

Tot Ion: 50 Resp: 22156

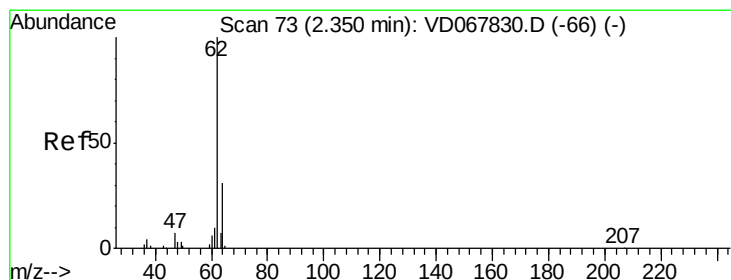
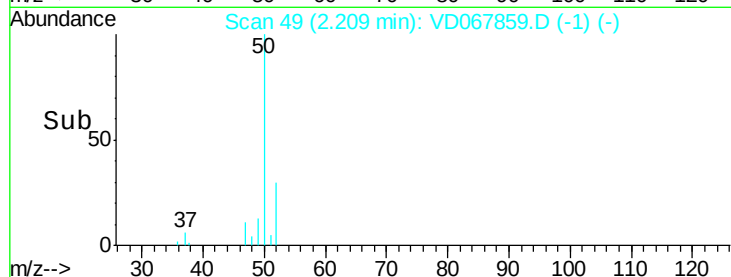
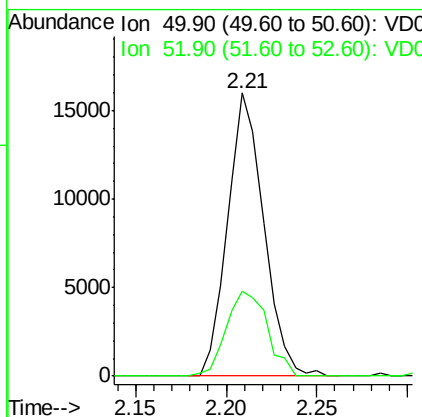
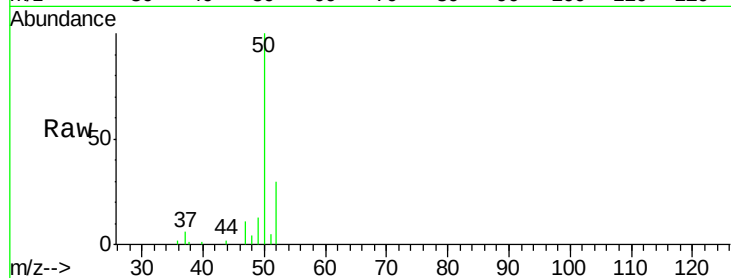
Ion Ratio Lower Upper

50 100

52 30.2 27.8 41.6

Manual Integrations  
APPROVED

MMDadoda  
12/4/2020 11:26:30 AM



#4

Vinyl Chloride

Concen: 19.139 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD067859.D

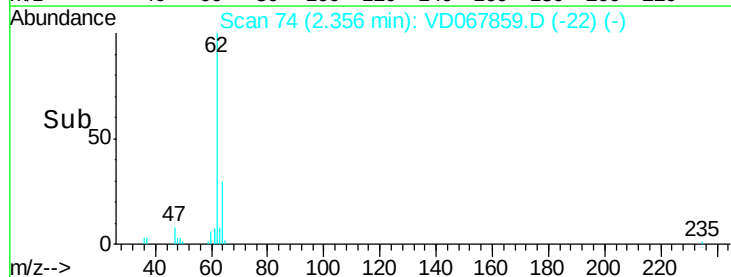
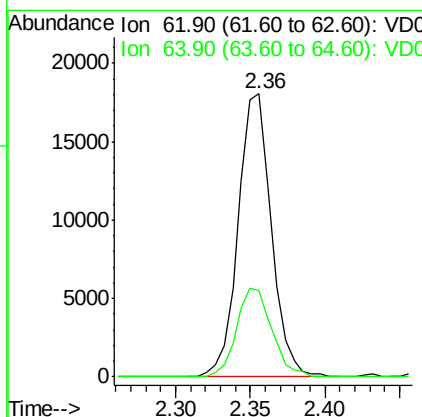
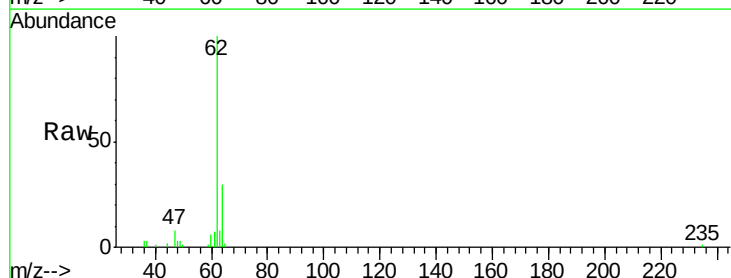
Acq: 03 Dec 2020 11:01

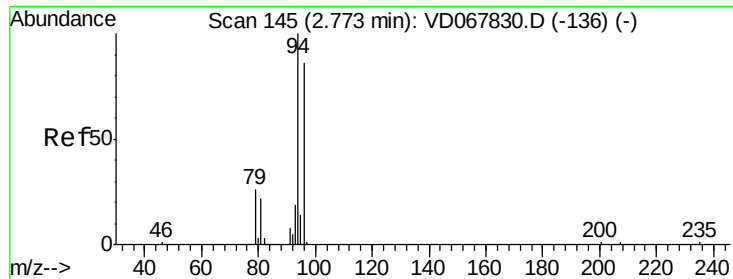
Tgt Ion: 62 Resp: 27812

Ion Ratio Lower Upper

62 100

64 30.4 24.5 36.7





#5

Bromomethane

Concen: 26.701 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

ClientSampleId :

VD1203SBS01

Tot Ion: 94 Resp: 34639

Ion Ratio Lower Upper

94 100

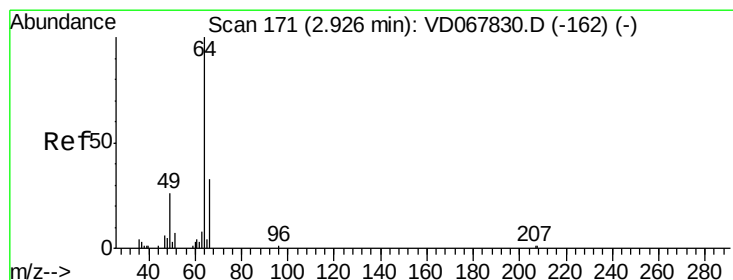
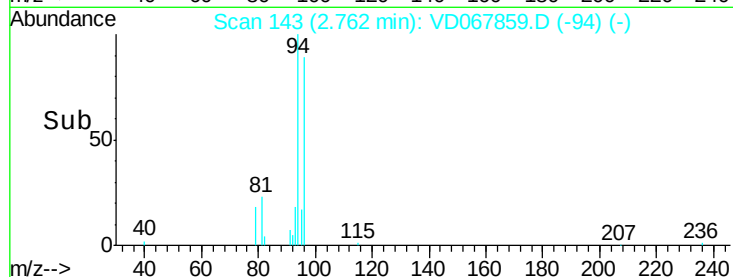
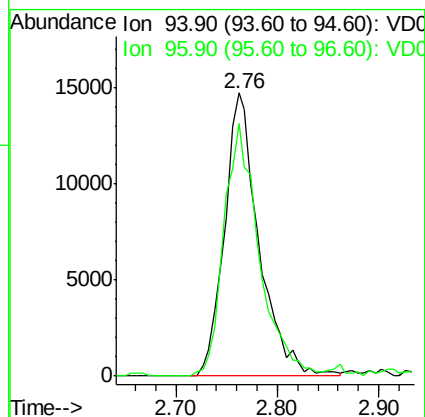
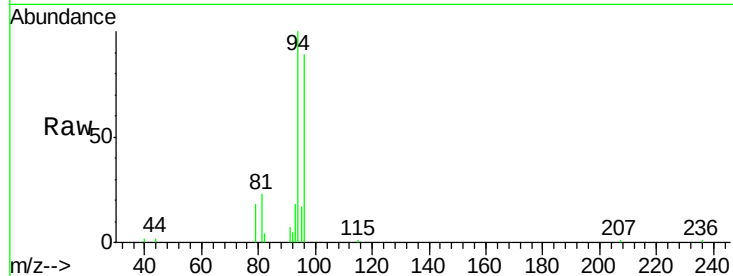
96 89.3 68.7 103.1

Manual Integrations

APPROVED

MMDadoda

12/4/2020 11:26:30 AM



#6

Chloroethane

Concen: 21.122 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD067859.D

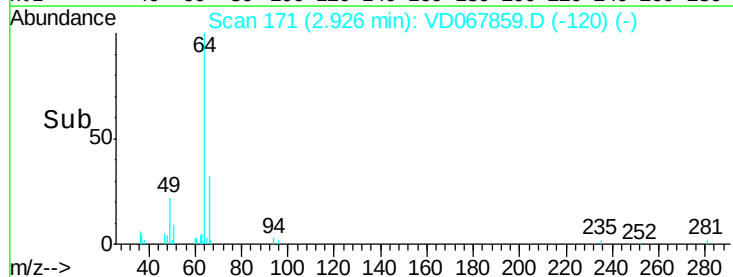
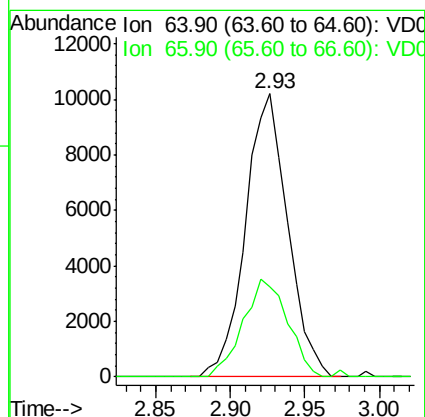
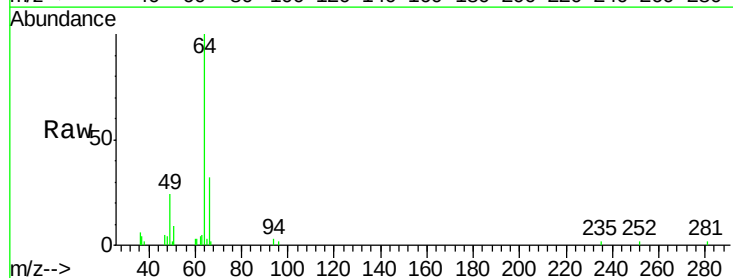
Acq: 03 Dec 2020 11:01

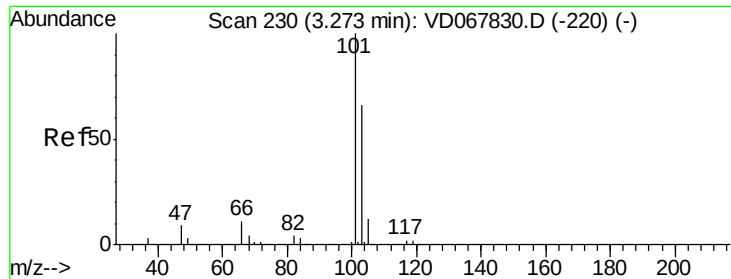
Tgt Ion: 64 Resp: 19985

Ion Ratio Lower Upper

64 100

66 32.0 26.1 39.1





#7

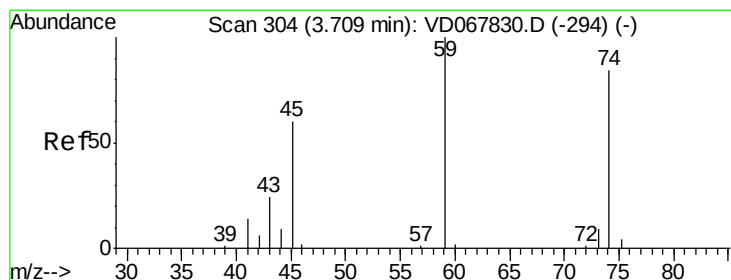
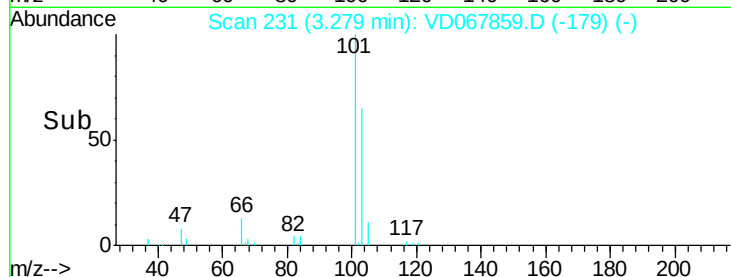
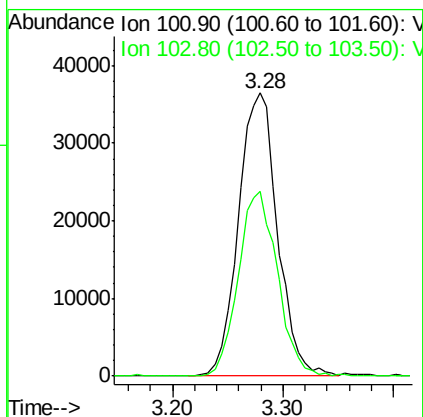
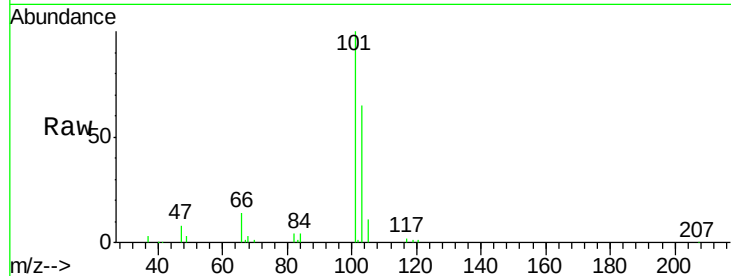
Trichlorofluoromethane  
Concen: 20.333 ug/l  
RT: 3.28 min Scan# 231  
Delta R.T. 0.01 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 101     | 100  |       | 90415 |       |       |
| 103     | 65.4 | 53.0  | 79.6  |       |       |

Manual Integrations  
APPROVED

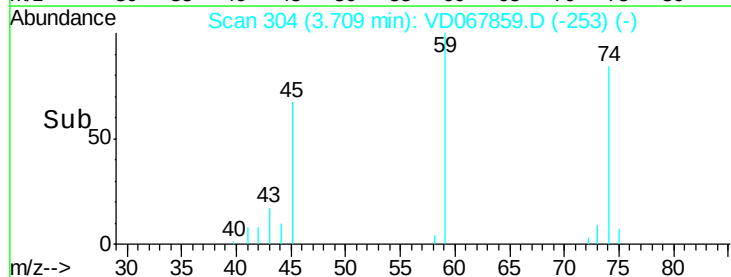
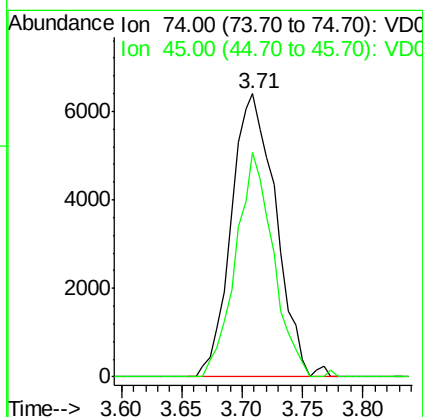
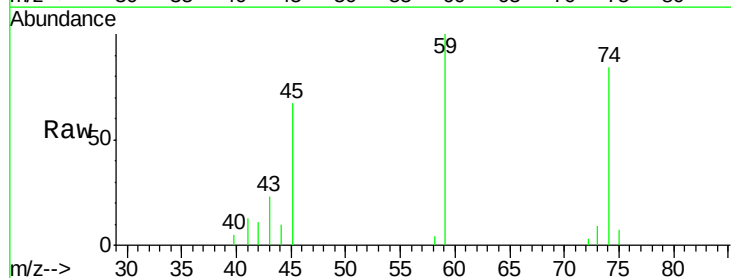
MMDadoda  
12/4/2020 11:26:30 AM



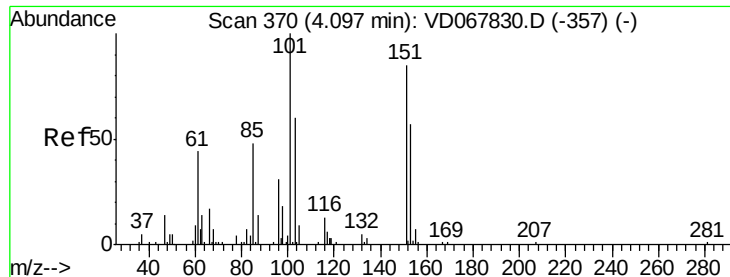
#8

Diethyl Ether  
Concen: 18.891 ug/l  
RT: 3.71 min Scan# 304  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 74      | 100  |       | 16373 |       |       |
| 45      | 66.7 | 33.9  | 101.7 |       |       |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.015 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

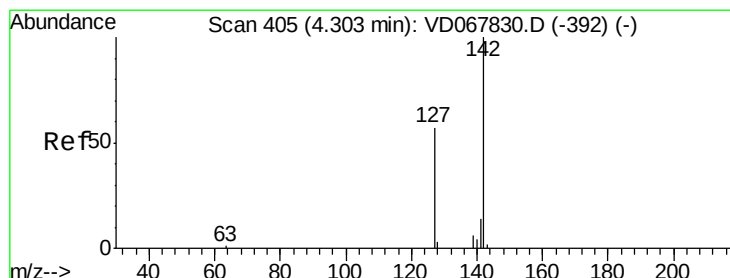
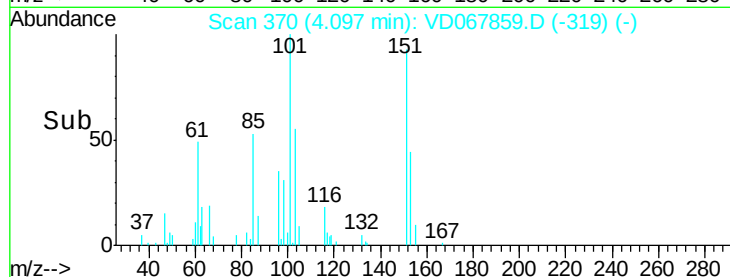
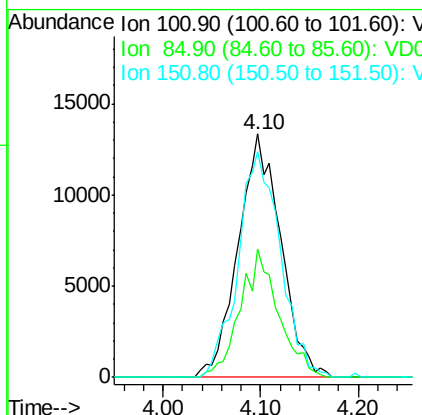
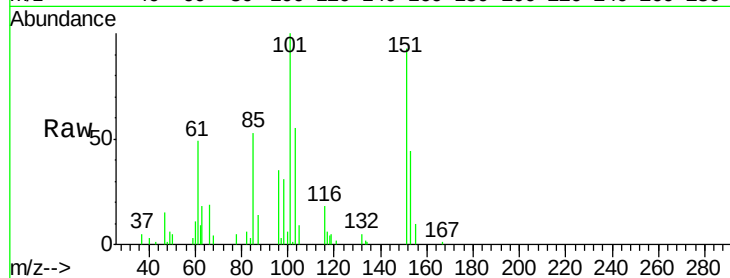
ClientSampleId :

VD1203SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 40584 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 47.3  | 36.2  | 54.4  |
| 151       | 92.1  | 69.4  | 104.2 |

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12/4/2020 11:26:30 AM



#10

Methyl Iodide

Concen: 13.732 ug/l

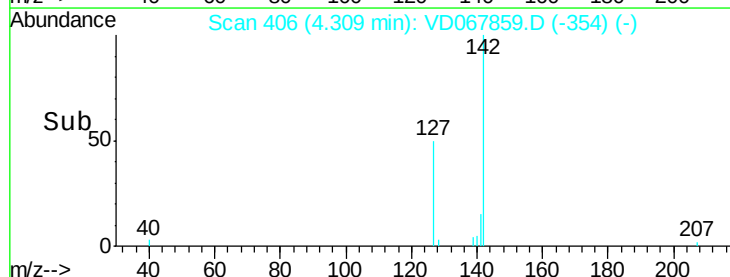
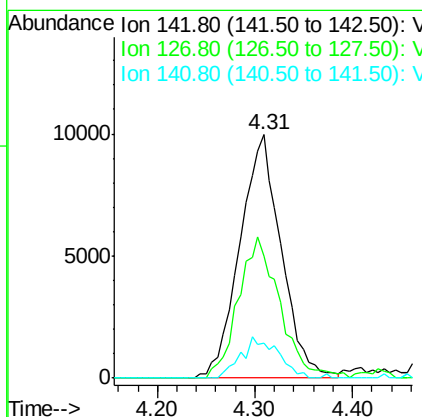
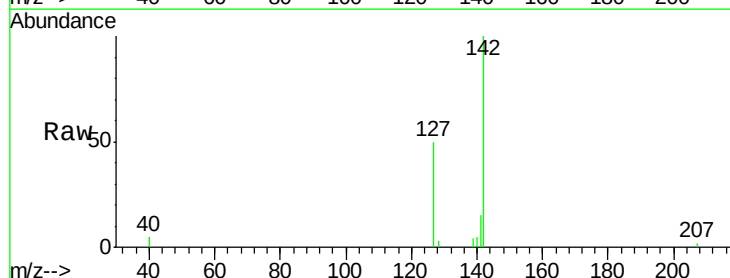
RT: 4.31 min Scan# 406

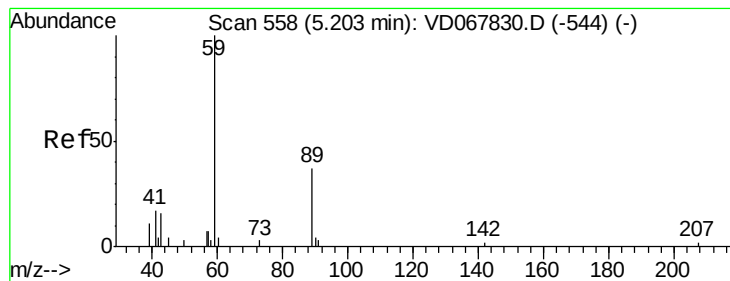
Delta R.T. 0.01 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 29514 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 57.9  | 43.9  | 65.9  |
| 141       | 15.1  | 12.2  | 18.2  |





#11

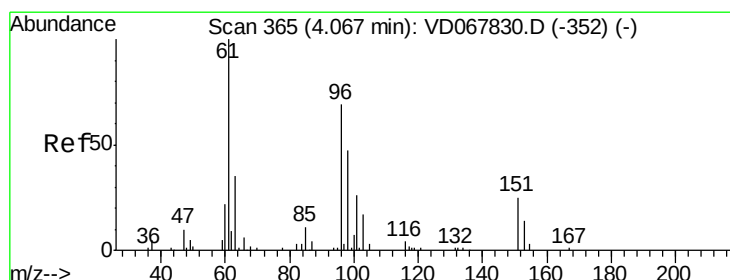
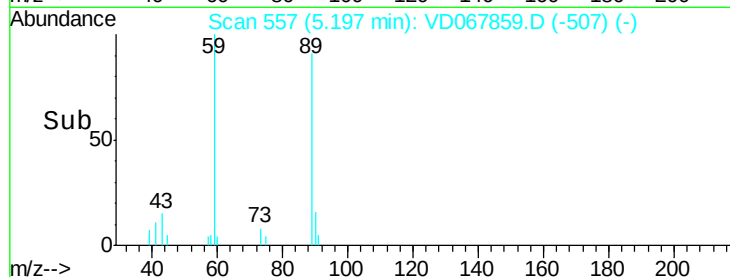
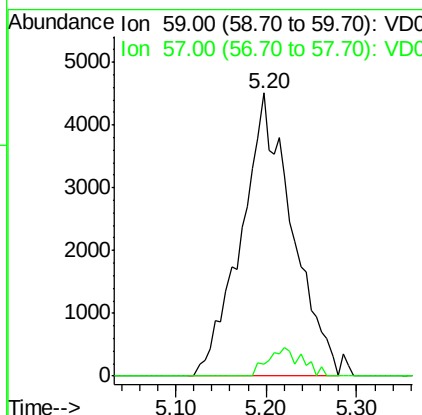
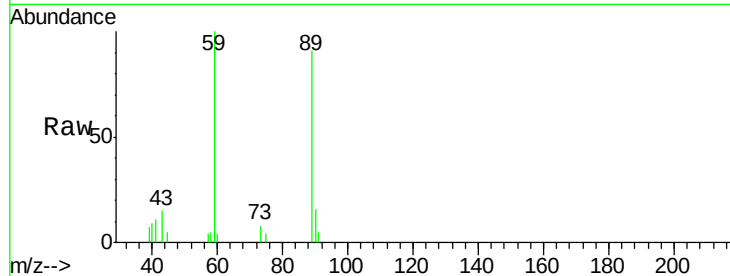
Tert butyl alcohol  
Concen: 105.651 ug/l  
RT: 5.20 min Scan# 557  
Delta R.T. -0.01 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 0.0   | 7.7   | 11.5# |

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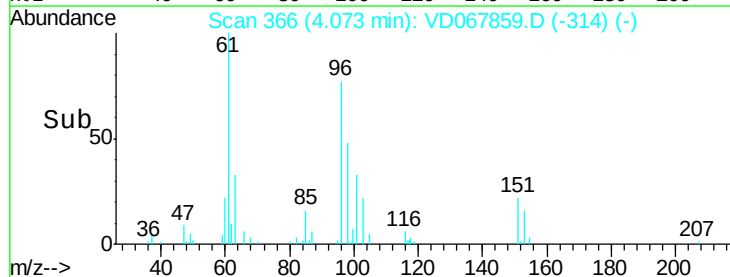
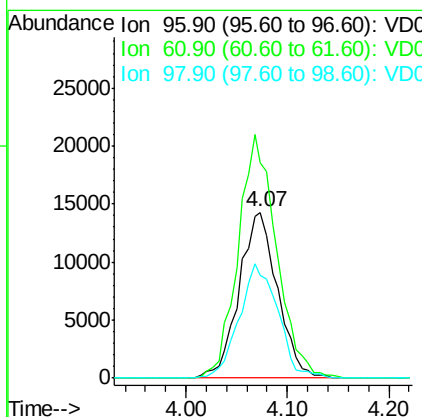
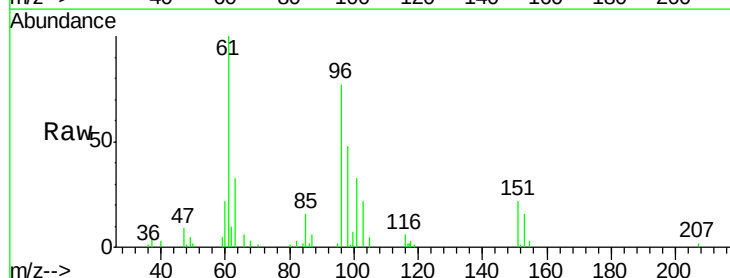
MMDadoda  
12/4/2020 11:26:30 AM

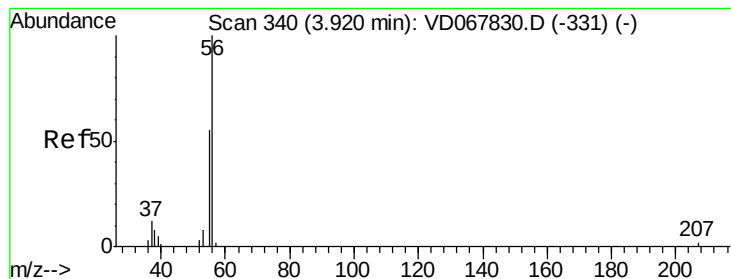


#12

1,1-Dichloroethene  
Concen: 19.698 ug/l  
RT: 4.07 min Scan# 366  
Delta R.T. 0.01 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 129.6 | 116.1 | 174.1 |
| 98      | 61.9  | 54.6  | 82.0  |





#13

Acrolein

Concen: 88.882 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

ClientSampleId :

VD1203SBS01

Tot Ion: 56 Resp: 8424

Ion Ratio Lower Upper

56 100

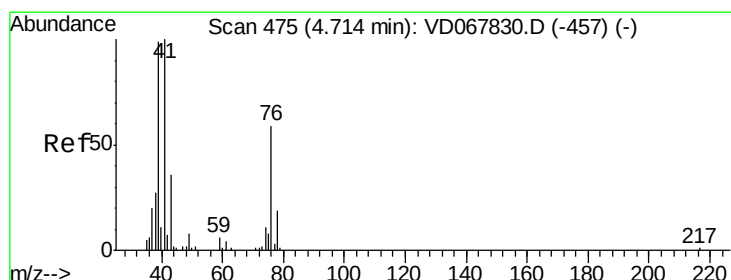
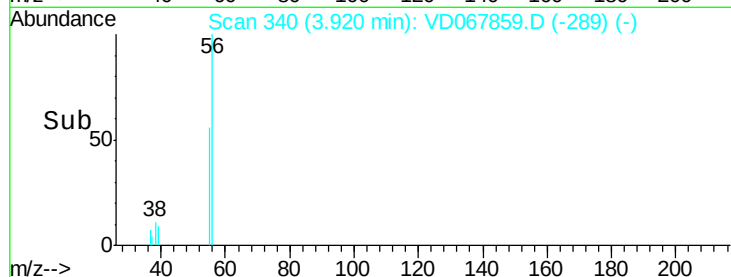
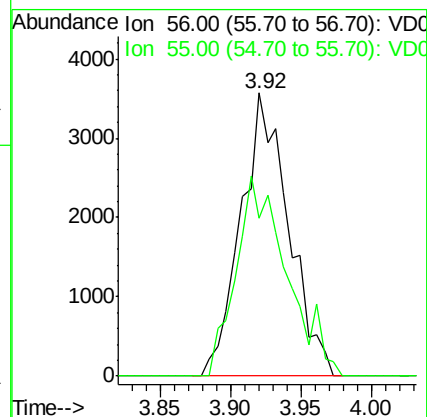
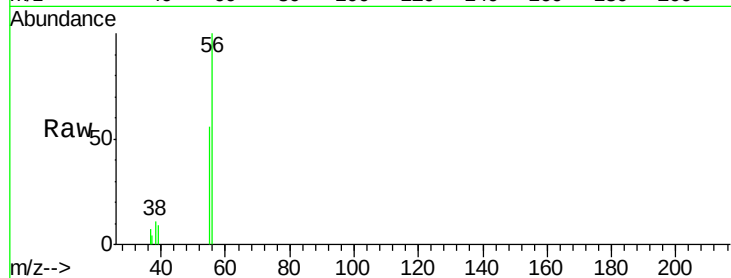
55 75.2 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 19.913 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

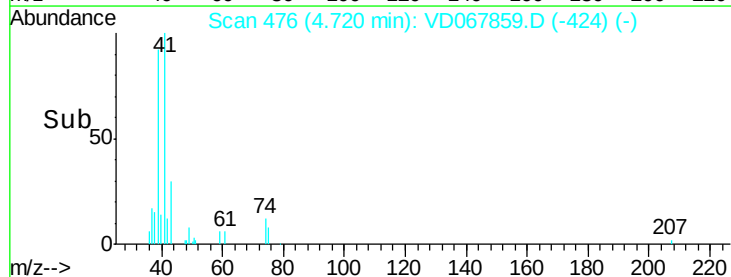
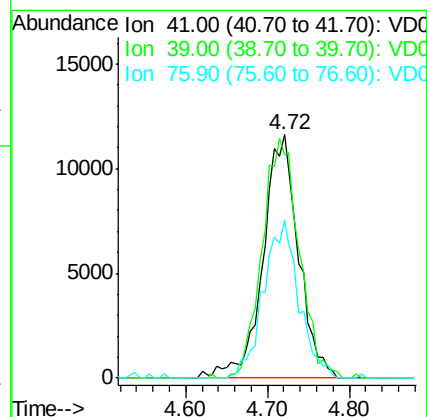
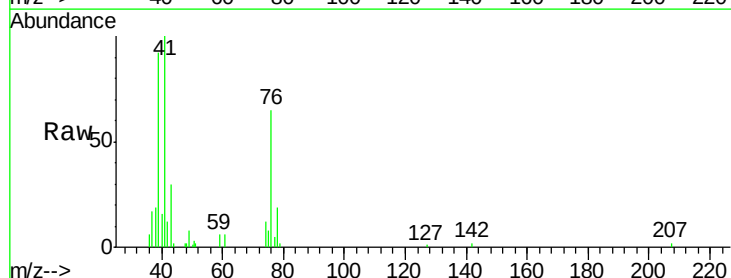
Tgt Ion: 41 Resp: 35070

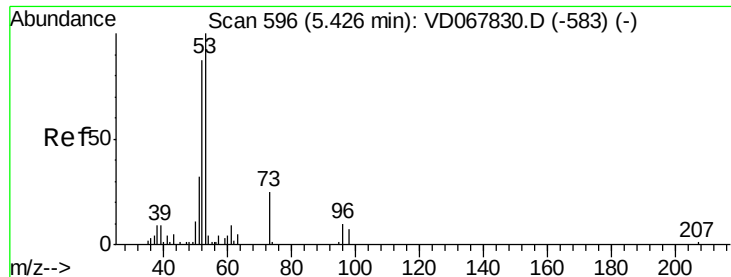
Ion Ratio Lower Upper

41 100

39 102.8 79.0 118.6

76 64.2 46.6 70.0





#15

Acrylonitrile

Concen: 102.943 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

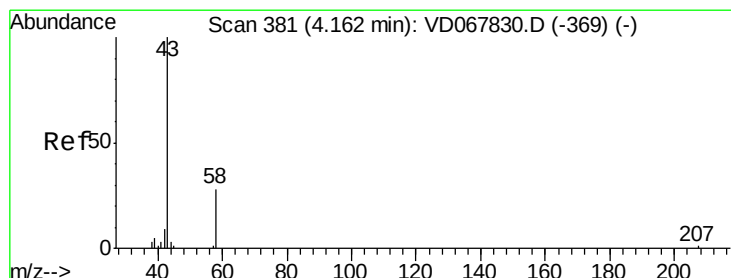
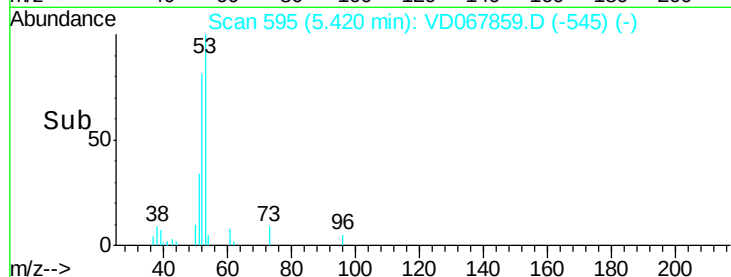
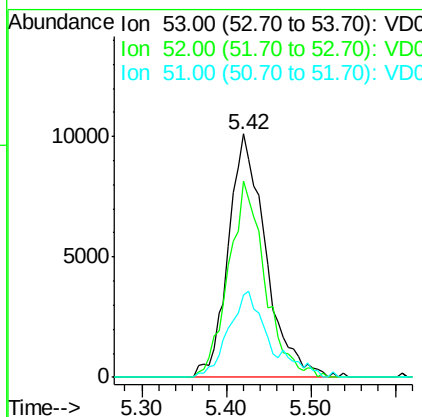
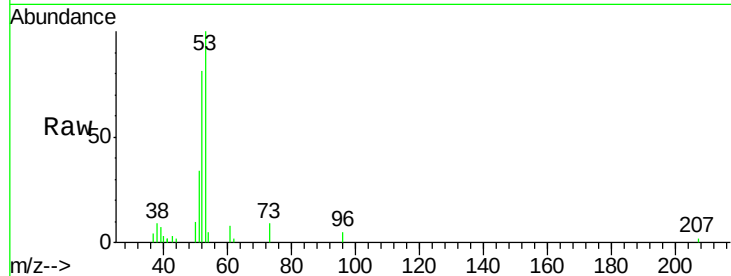
ClientSampleId :

VD1203SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 53    | Resp: | 30937 |
| Ion Ratio | Lower | Upper |       |
| 53        | 100   |       |       |
| 52        | 78.3  | 66.2  | 99.2  |
| 51        | 33.0  | 31.1  | 46.7  |

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#16

Acetone

Concen: 98.493 ug/l

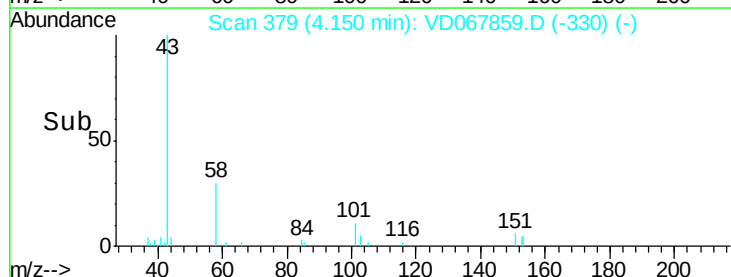
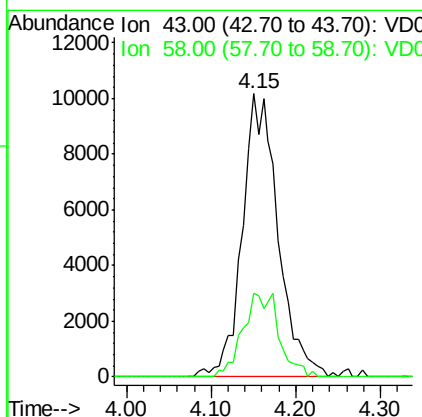
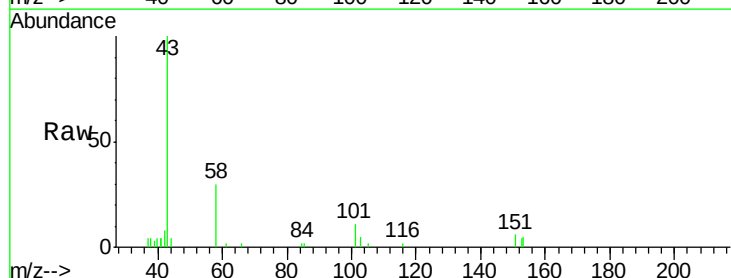
RT: 4.15 min Scan# 379

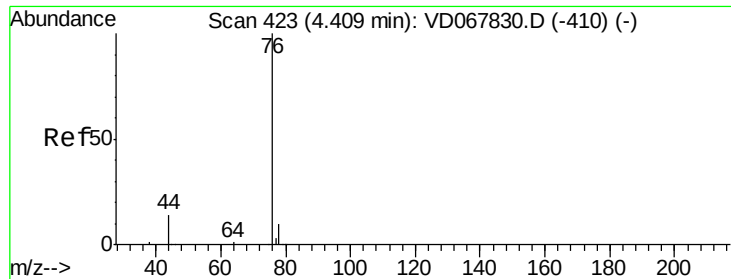
Delta R.T. -0.01 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 30017 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 29.7  | 21.9  | 32.9  |





#17

Carbon Disulfide

Concen: 19.655 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

ClientSampleId :

VD1203SBS01

Tot Ion: 76 Resp: 104468

Ion Ratio Lower Upper

76 100

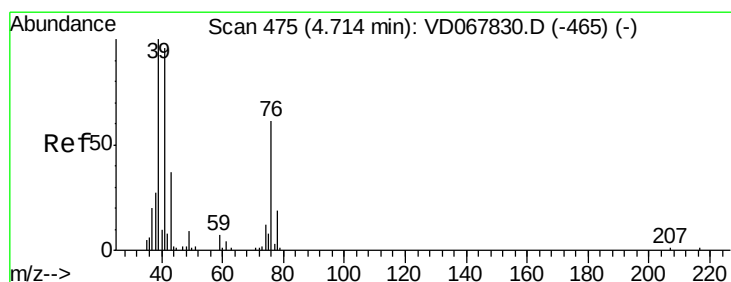
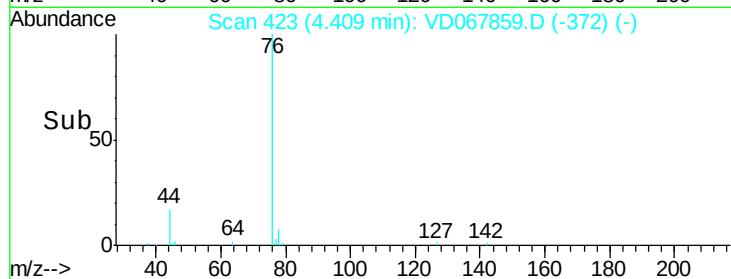
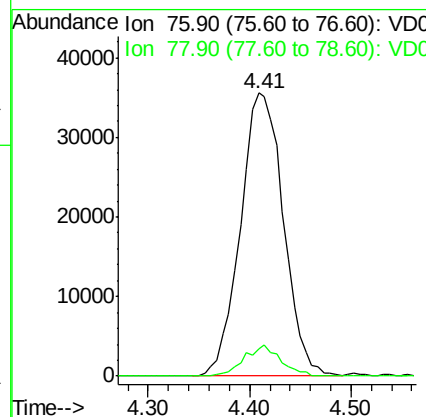
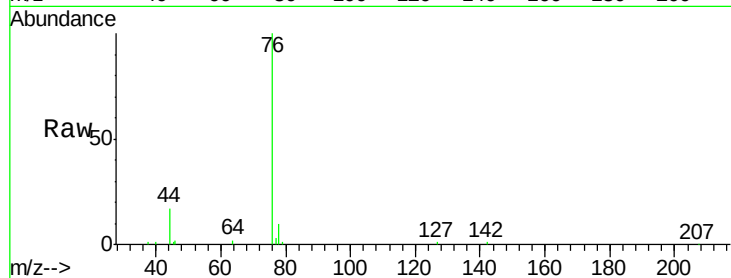
78 9.6 7.8 11.6

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#18

Methyl Acetate

Concen: 19.683 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067859.D

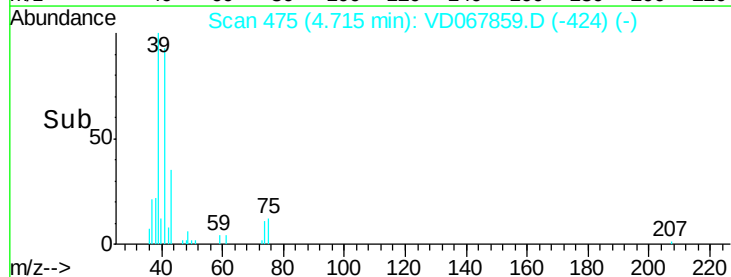
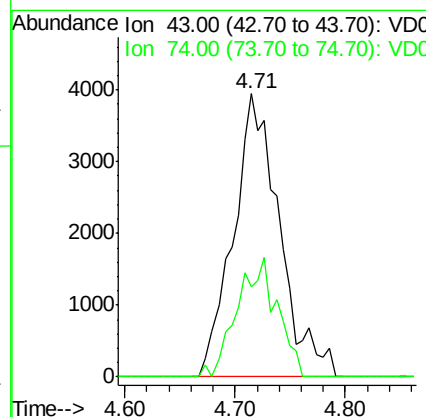
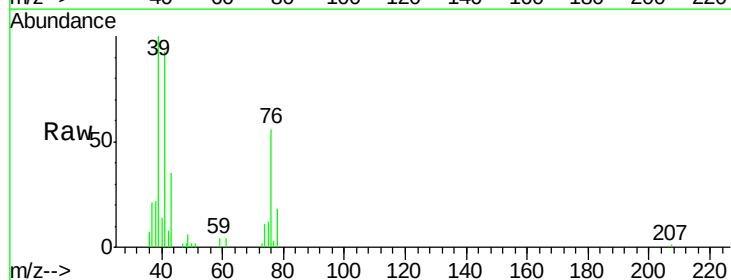
Acq: 03 Dec 2020 11:01

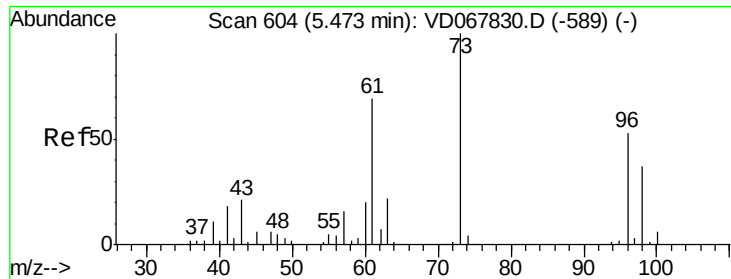
Tgt Ion: 43 Resp: 11510

Ion Ratio Lower Upper

43 100

74 36.9 27.0 40.4





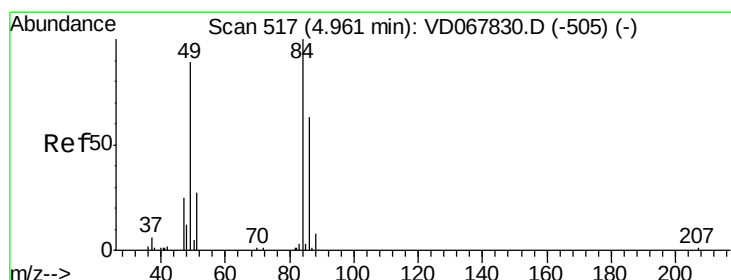
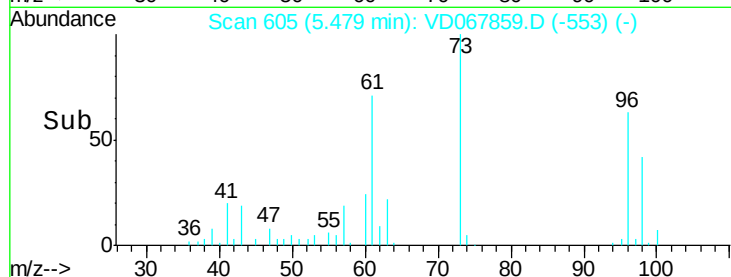
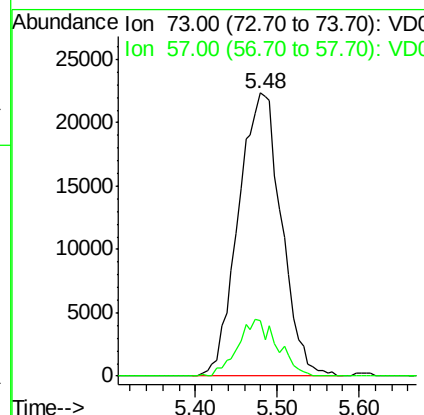
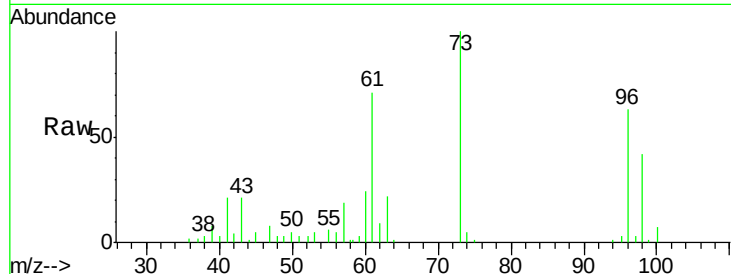
#19  
Methyl tert-butyl Ether  
Concen: 20.063 ug/l  
RT: 5.48 min Scan# 605  
Delta R.T. 0.01 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

Tot Ion: 73 Resp: 81785  
Ion Ratio Lower Upper  
73 100  
57 19.5 13.2 19.8

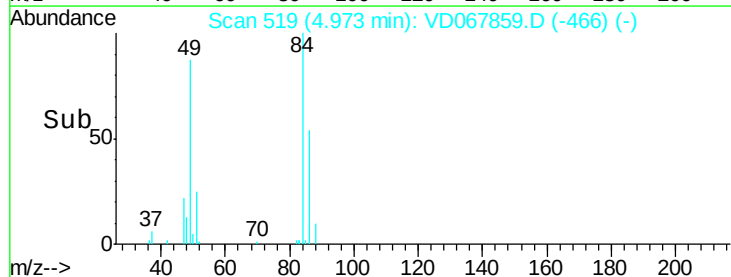
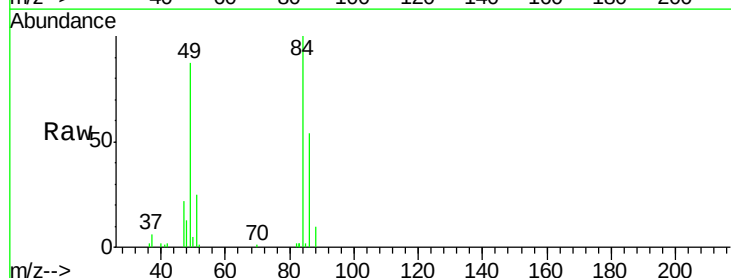
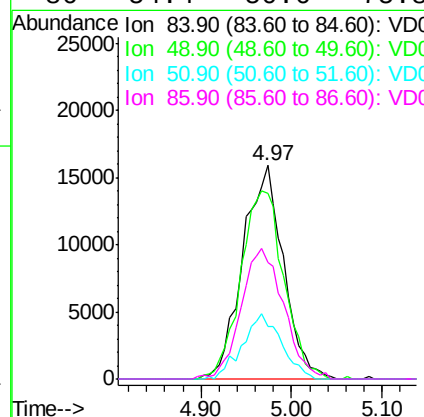
Manual Integrations  
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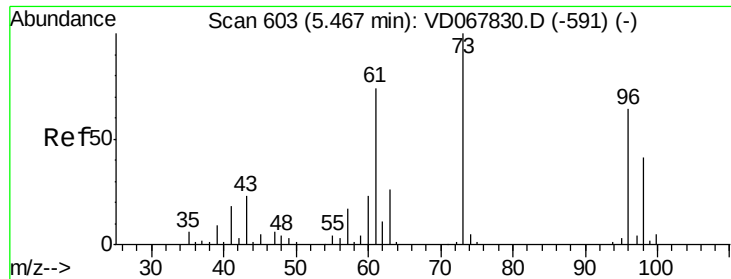
MMDadoda  
12/4/2020 11:26:30 AM



#20  
Methylene Chloride  
Concen: 22.923 ug/l  
RT: 4.97 min Scan# 519  
Delta R.T. 0.01 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Tgt Ion: 84 Resp: 49644  
Ion Ratio Lower Upper  
84 100  
49 87.0 71.4 107.0  
51 24.8 21.8 32.8  
86 54.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.614 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

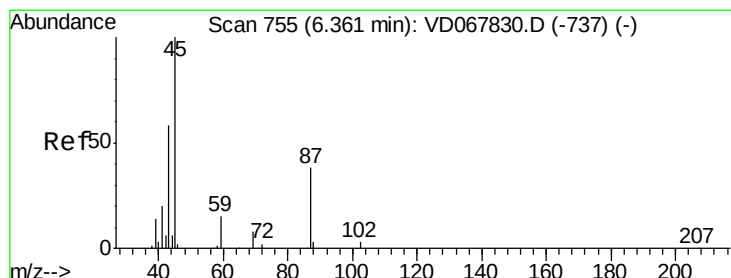
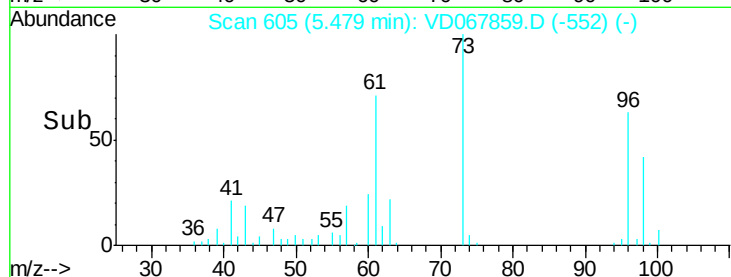
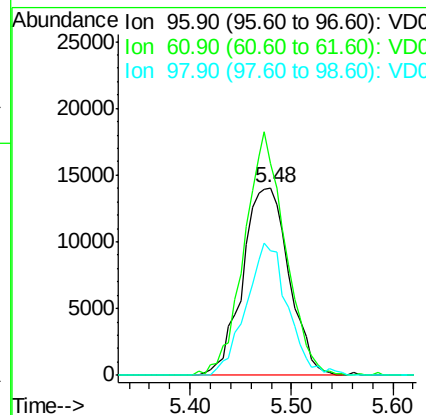
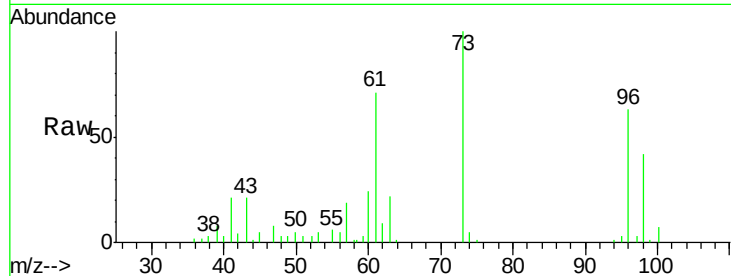
ClientSampleId :

VD1203SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 44655 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 112.9 | 93.1  | 139.7 |
| 98       | 66.4  | 52.2  | 78.2  |

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#22

Diisopropyl ether

Concen: 21.115 ug/l

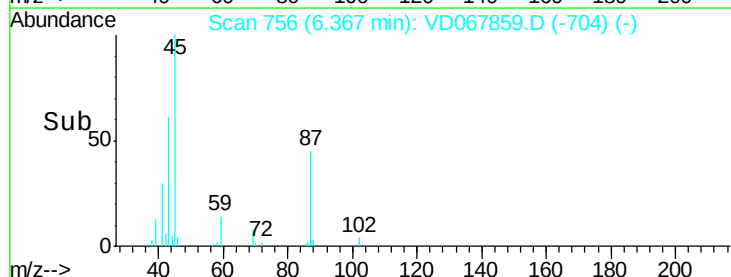
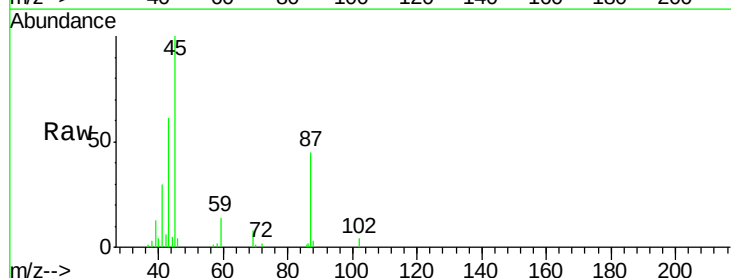
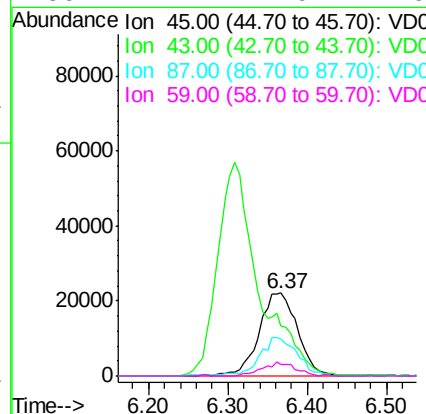
RT: 6.37 min Scan# 756

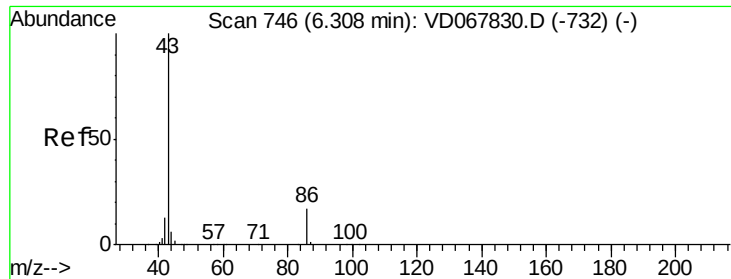
Delta R.T. 0.01 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 74790 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 59.2  | 49.8  | 74.6  |
| 87       | 45.4  | 32.1  | 48.1  |
| 59       | 14.4  | 11.9  | 17.9  |





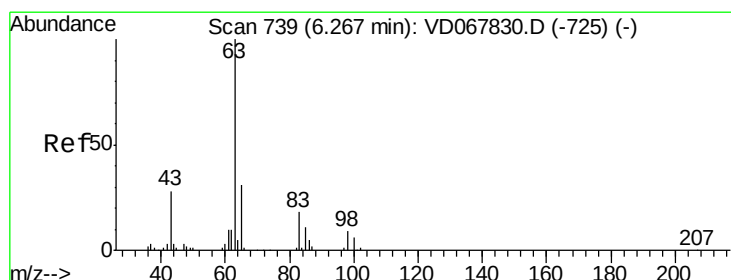
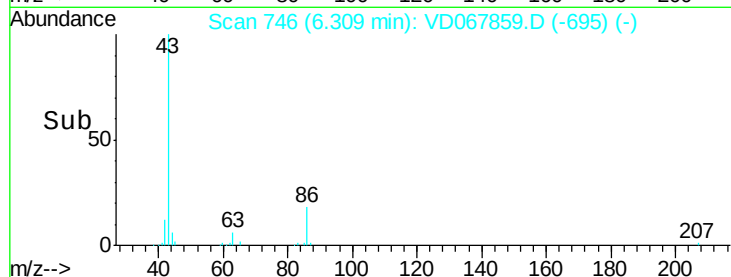
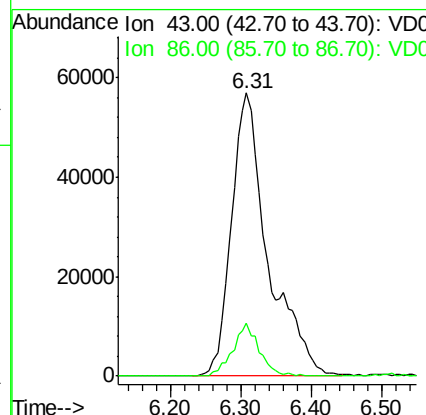
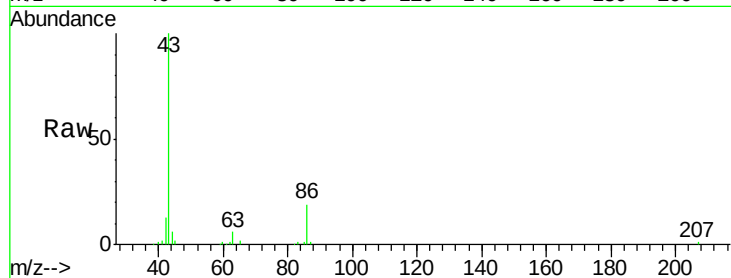
#23  
 Vinyl Acetate  
 Concen: 103.950 ug/l  
 RT: 6.31 min Scan# 746  
 Delta R.T. 0.00 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1203SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 86      | 18.6  | 13.8  | 20.6  |

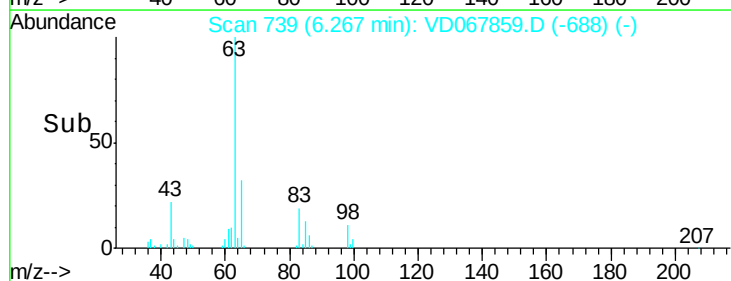
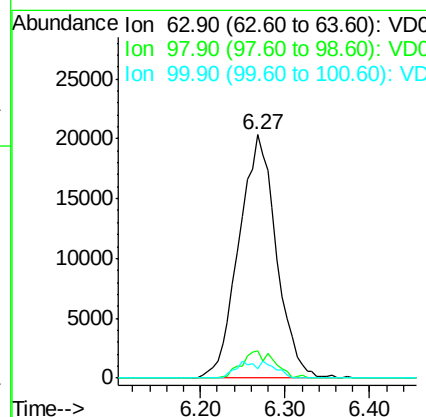
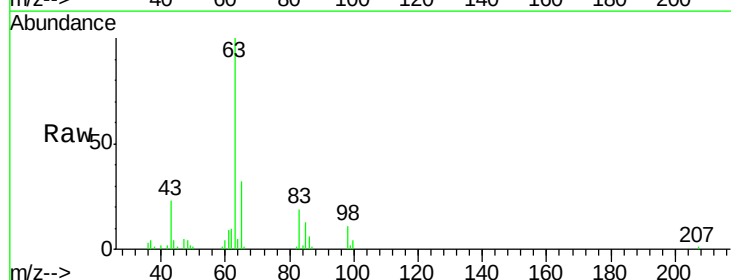
Manual Integrations  
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MMDadoda  
 12/4/2020 11:26:30 AM

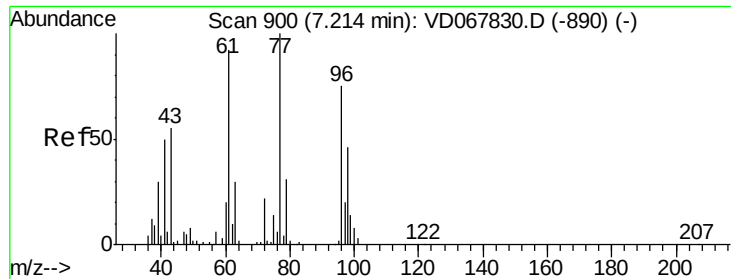


#24  
 1,1-Dichloroethane  
 Concen: 20.127 ug/l  
 RT: 6.27 min Scan# 739  
 Delta R.T. 0.00 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 98      | 11.1  | 4.5   | 13.5  |
| 100     | 3.7   | 3.0   | 9.2   |







#25

2-Butanone

Concen: 100.025 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

ClientSampleId :

VD1203SBS01

Tot Ion: 43 Resp: 32063

Ion Ratio Lower Upper

43 100

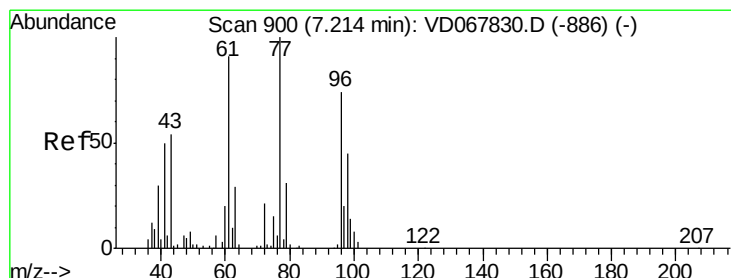
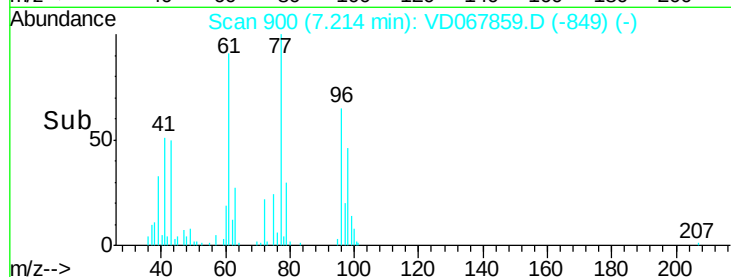
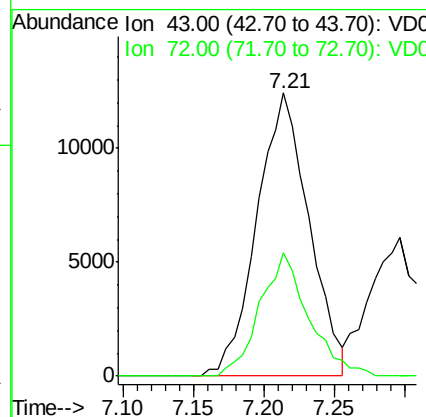
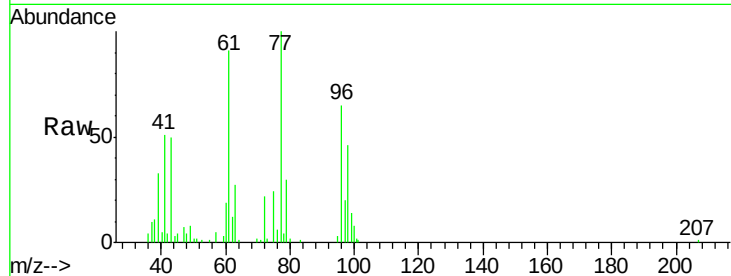
72 43.6 31.3 46.9

Manual Integrations

APPROVED

MMDadoda

12/4/2020 11:26:30 AM



#26

2,2-Dichloropropane

Concen: 21.099 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067859.D

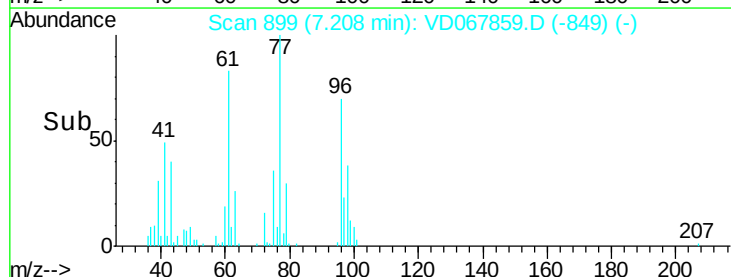
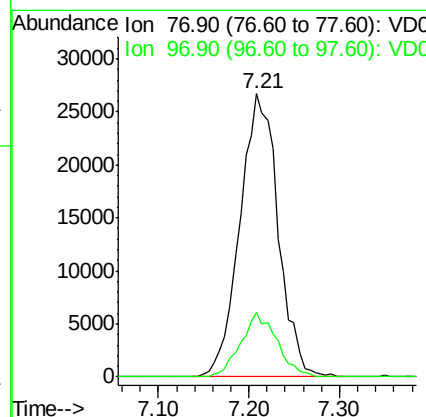
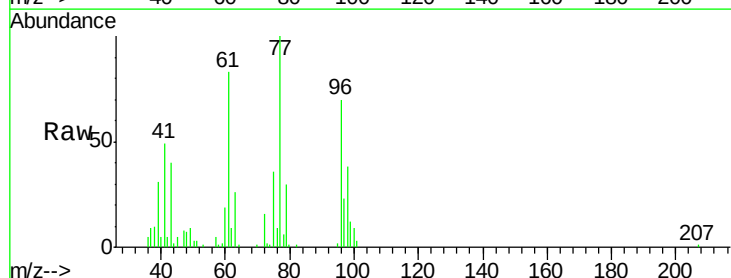
Acq: 03 Dec 2020 11:01

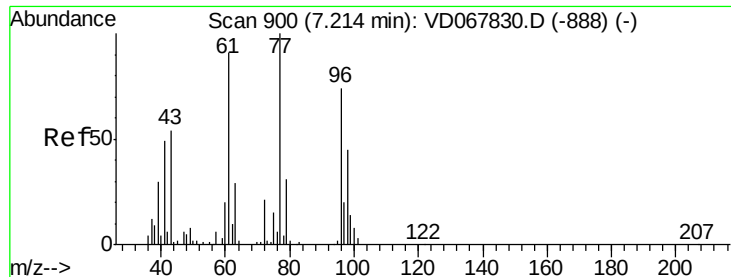
Tgt Ion: 77 Resp: 78121

Ion Ratio Lower Upper

77 100

97 21.3 11.1 33.1





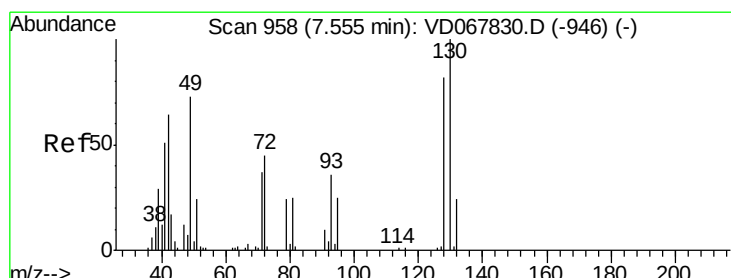
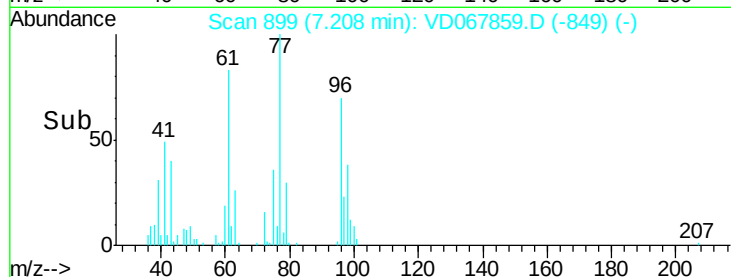
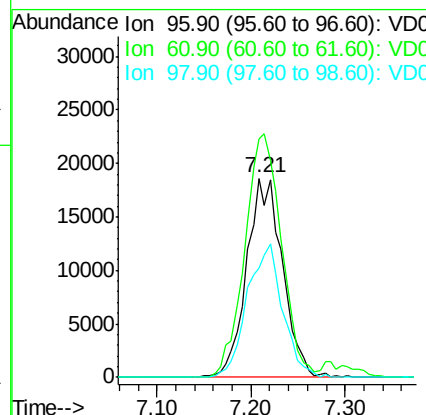
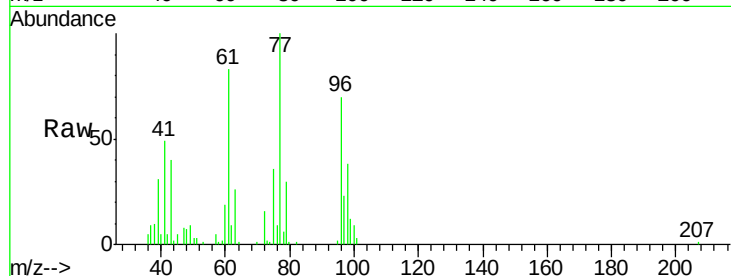
#27  
 cis-1,2-Dichloroethene  
 Concen: 20.754 ug/l  
 RT: 7.21 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1203SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 124.7 | 0.0   | 248.4 |
| 98      | 65.9  | 0.0   | 127.4 |

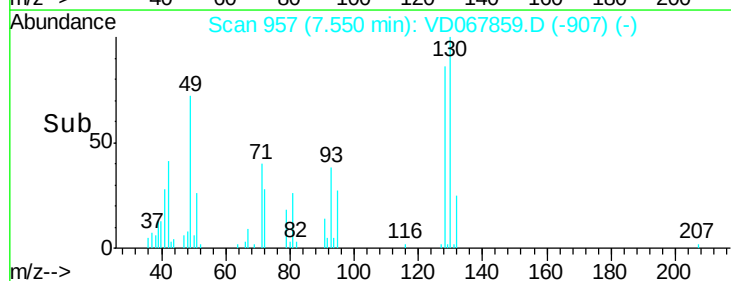
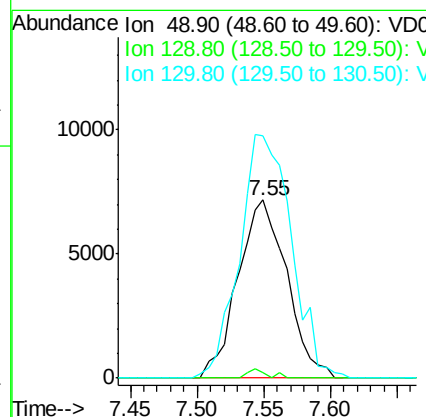
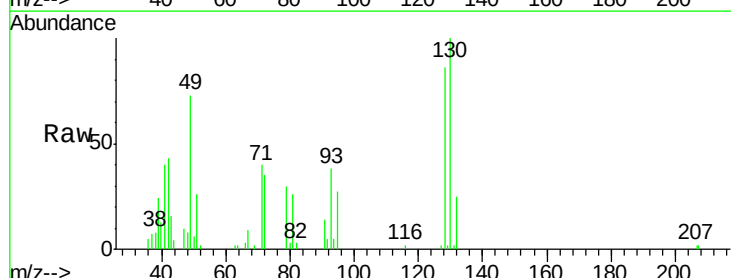
Manual Integrations  
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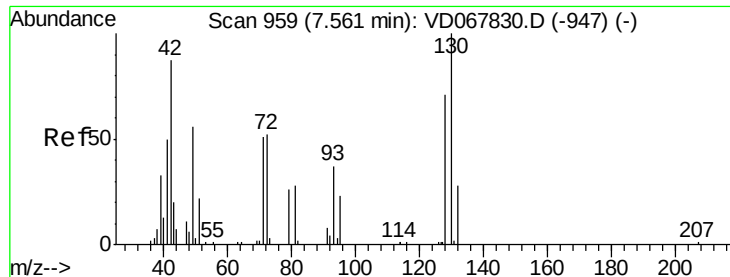
MMDadoda  
 12/4/2020 11:26:30 AM



#28  
 Bromochloromethane  
 Concen: 18.490 ug/l  
 RT: 7.55 min Scan# 957  
 Delta R.T. -0.01 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.0   | 0.0   | 3.4   |
| 130     | 145.1 | 110.2 | 165.2 |





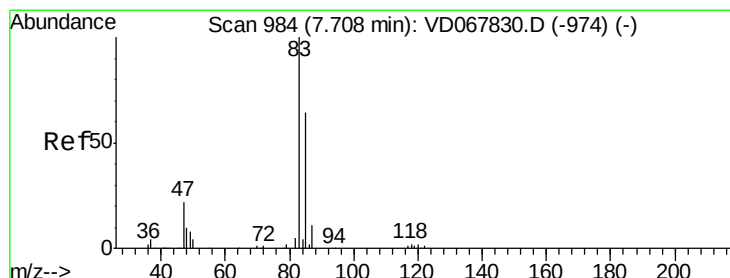
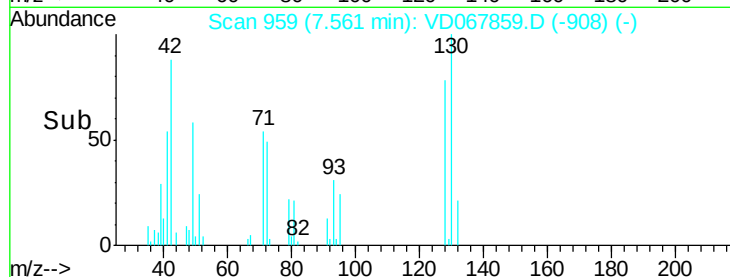
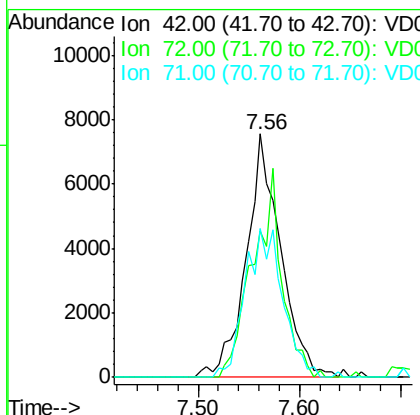
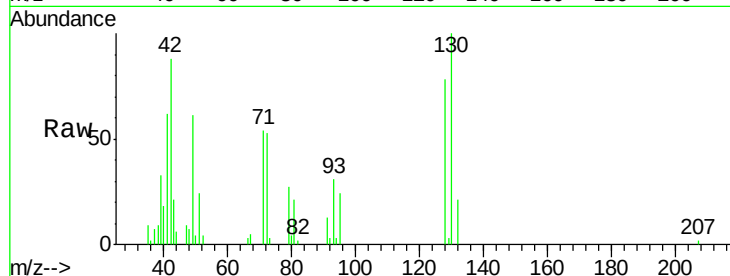
#29  
Tetrahydrofuran  
Concen: 98.177 ug/l  
RT: 7.56 min Scan# 959  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 72.7  | 51.9  | 77.9  |
| 71      | 66.6  | 48.2  | 72.4  |

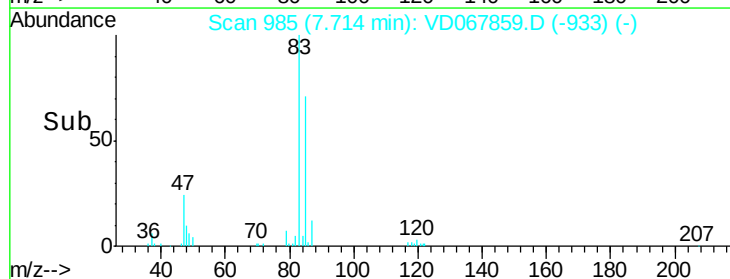
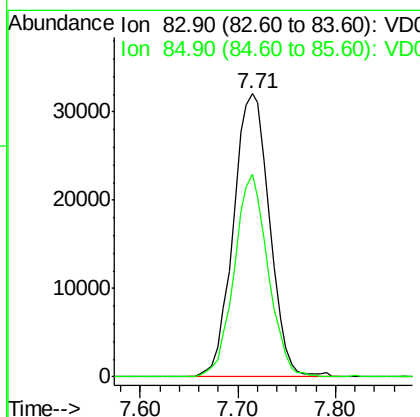
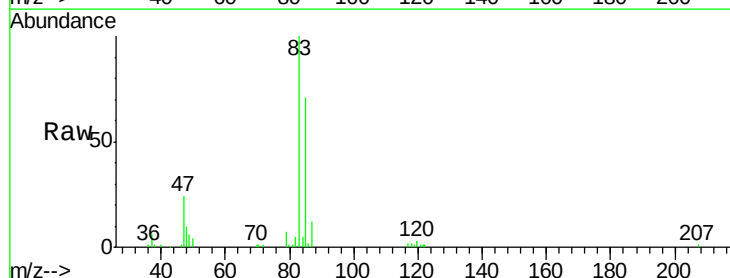
Manual Integrations  
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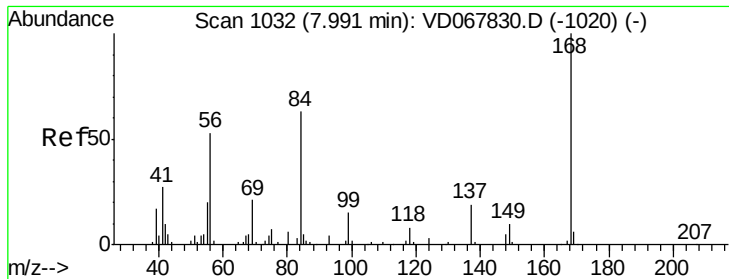
MMDadoda  
12/4/2020 11:26:30 AM



#30  
Chloroform  
Concen: 19.964 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. 0.01 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 71.5  | 51.0  | 76.4  |





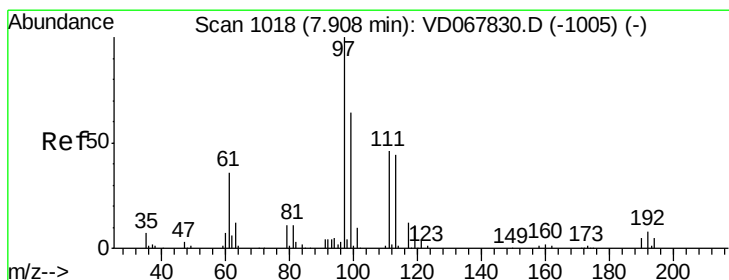
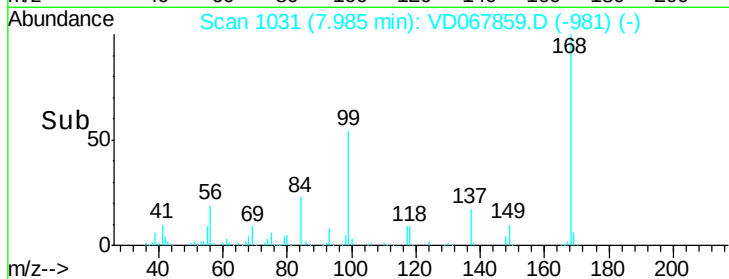
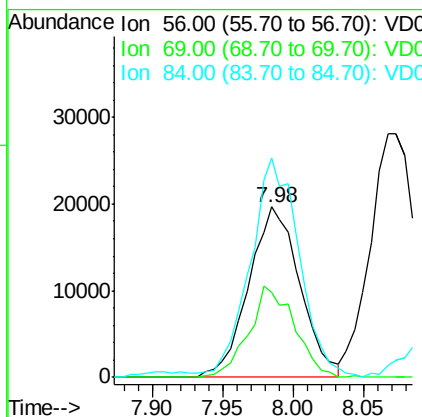
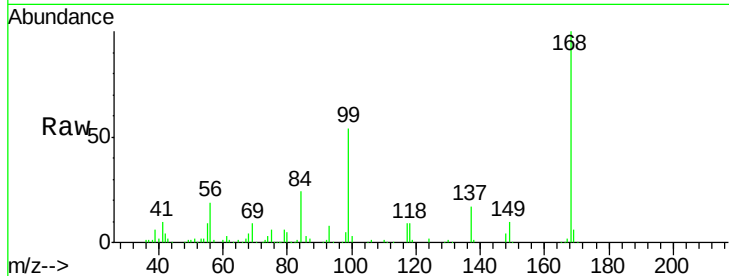
#31  
Cyclohexane  
Concen: 19.247 ug/l  
RT: 7.98 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 49.8  | 32.1  | 48.1# |
| 84      | 126.5 | 93.2  | 139.8 |

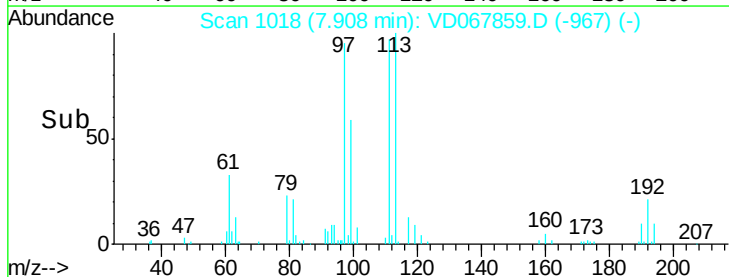
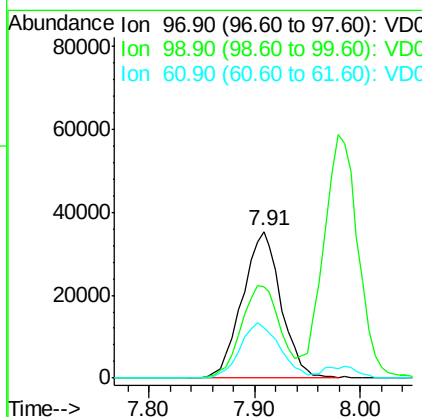
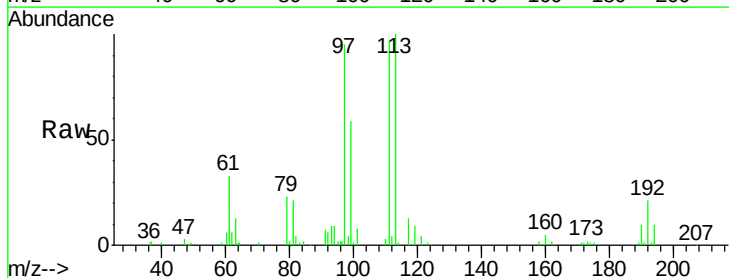
Manual Integrations  
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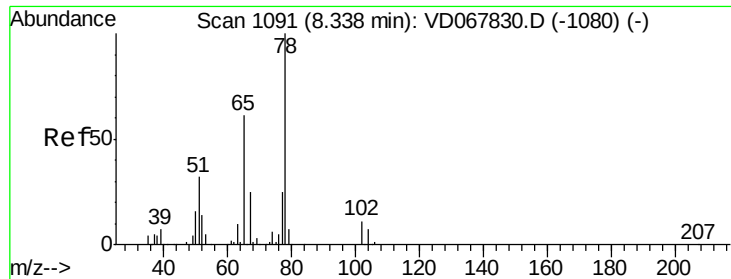
MMDadoda  
12/4/2020 11:26:30 AM



#32  
1,1,1-Trichloroethane  
Concen: 20.434 ug/l  
RT: 7.91 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.4  | 51.4  | 77.2  |
| 61      | 38.5  | 30.8  | 46.2  |





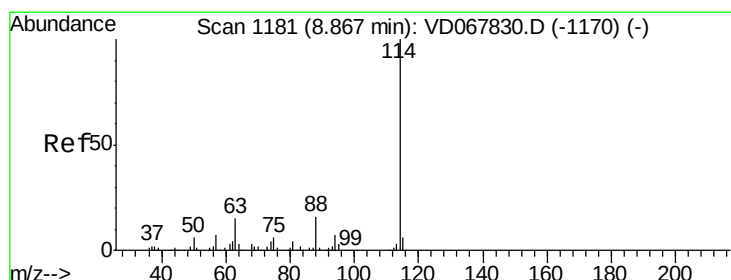
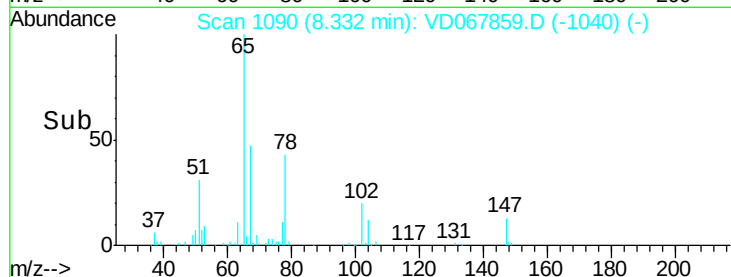
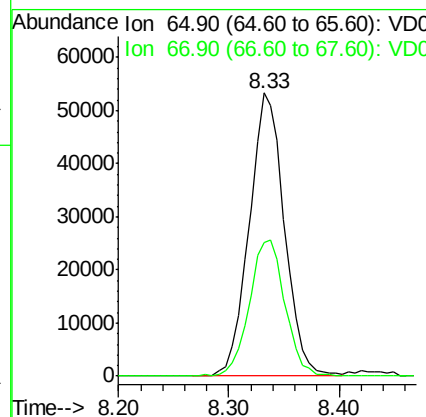
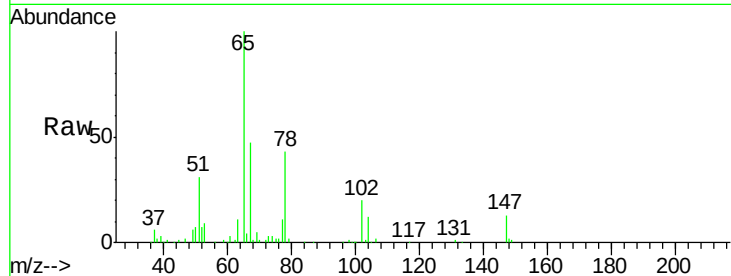
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.342 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. -0.01 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1203SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 119227 |       |       |
| 67      | 48.8  | 0.0    | 92.0  |       |

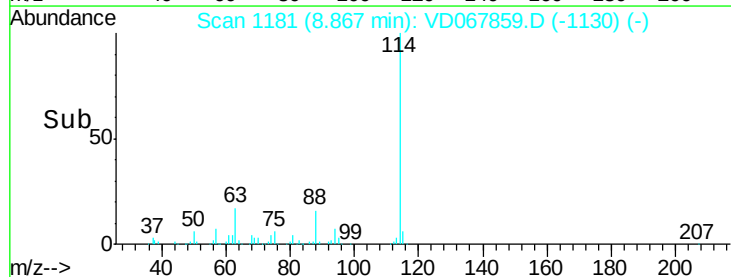
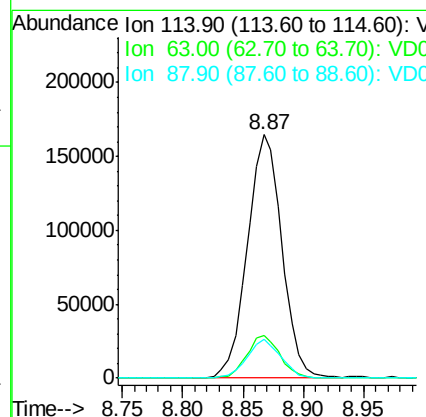
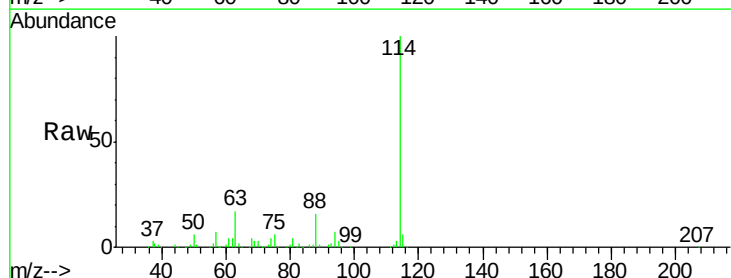
Manual Integrations  
 APPROVED

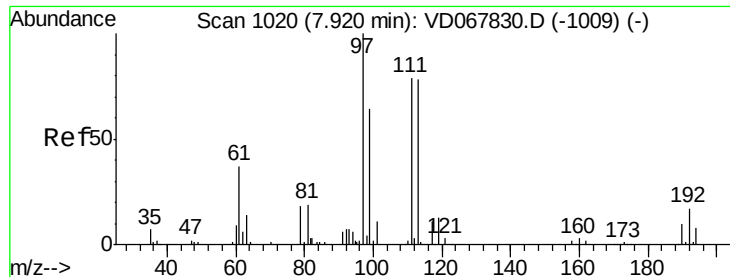
MMDadoda  
 12/4/2020 11:26:30 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. 0.00 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 329330 |       |       |
| 63      | 17.3  | 0.0    | 30.8  |       |
| 88      | 16.0  | 0.0    | 31.8  |       |





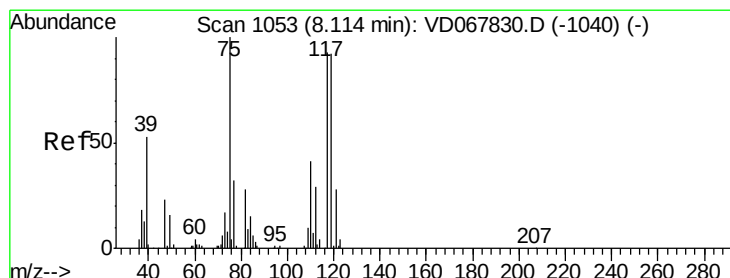
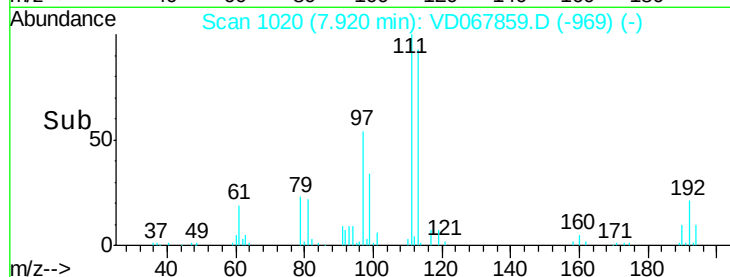
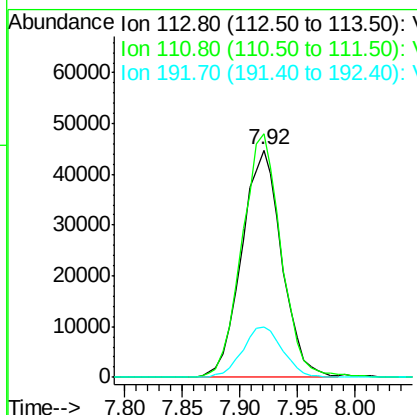
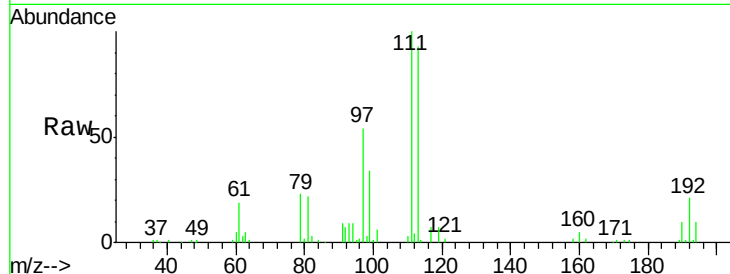
#35  
 Dibromofluoromethane  
 Concen: 49.138 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. 0.00 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1203SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 108285 |       |       |
| 111     | 104.6 | 81.2   | 121.8 |       |
| 192     | 22.1  | 16.8   | 25.2  |       |

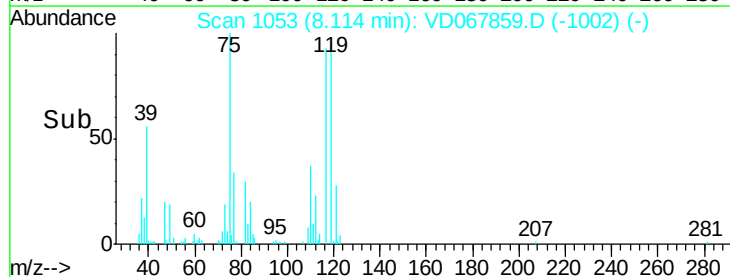
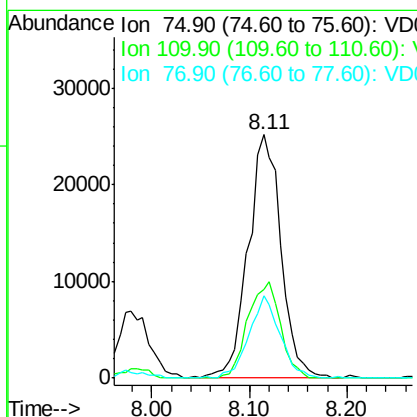
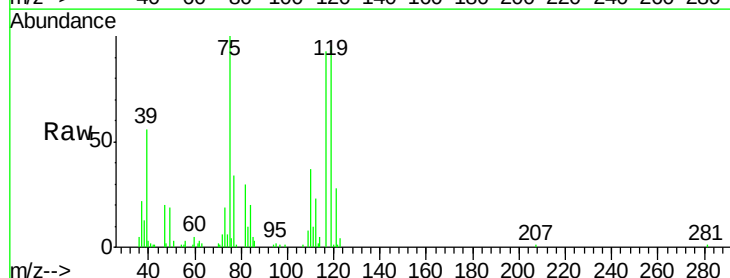
Manual Integrations  
 APPROVED

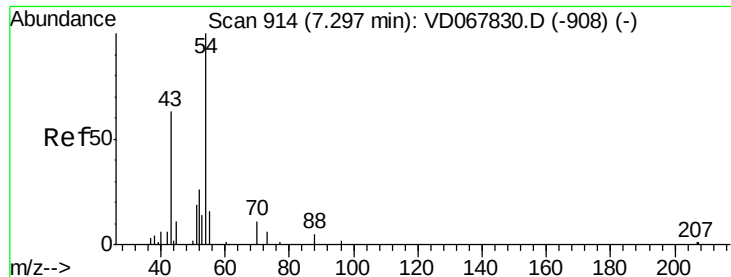
MMDadoda  
 12/4/2020 11:26:30 AM



#36  
 1,1-Dichloropropene  
 Concen: 20.743 ug/l  
 RT: 8.11 min Scan# 1053  
 Delta R.T. 0.00 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 59137 |       |       |
| 110     | 39.2  | 20.3  | 61.0  |       |
| 77      | 32.0  | 24.7  | 37.1  |       |





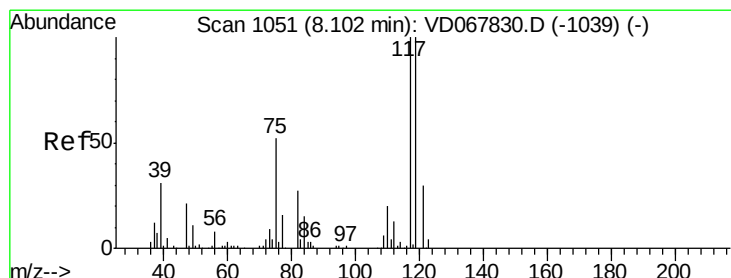
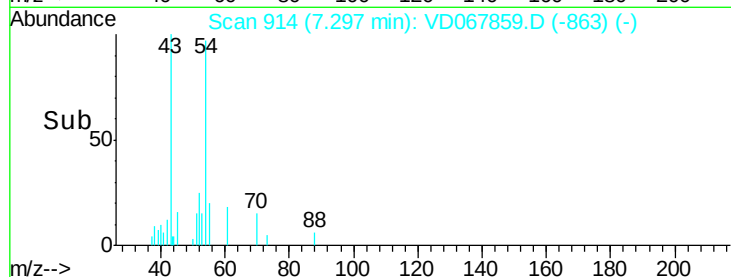
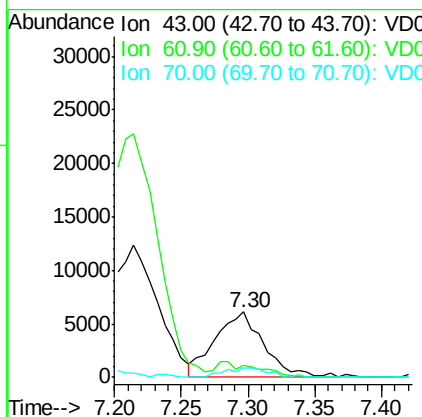
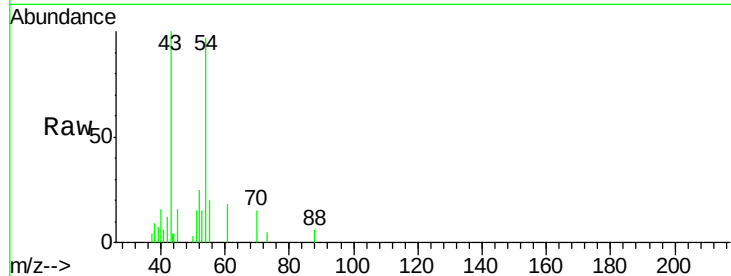
#37  
Ethyl Acetate  
Concen: 20.240 ug/l  
RT: 7.30 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 21.1  | 11.4  | 17.2# |
| 70      | 12.2  | 11.5  | 17.3  |

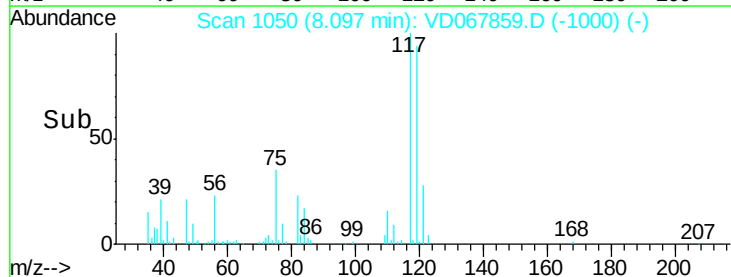
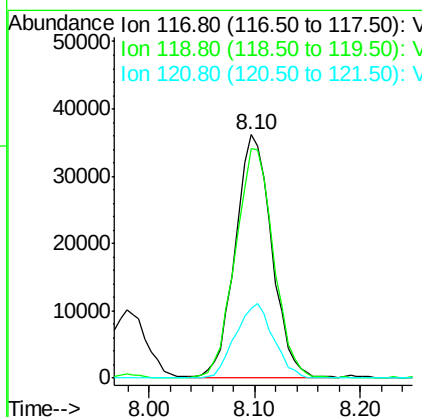
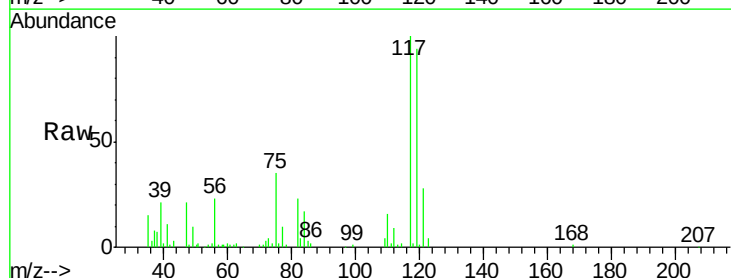
Manual Integrations  
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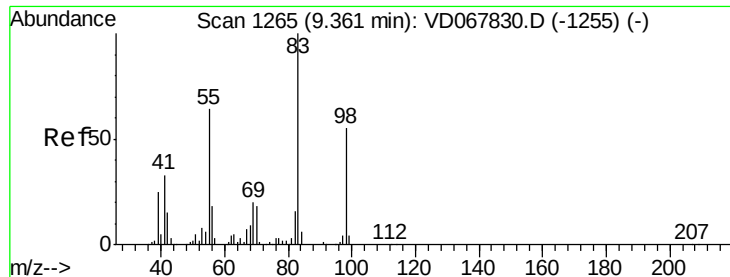
MMDadoda  
12/4/2020 11:26:30 AM



#38  
Carbon Tetrachloride  
Concen: 20.219 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.2  | 79.7  | 119.5 |
| 121     | 28.5  | 23.8  | 35.6  |





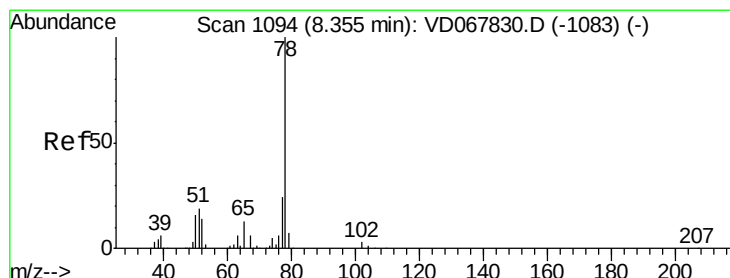
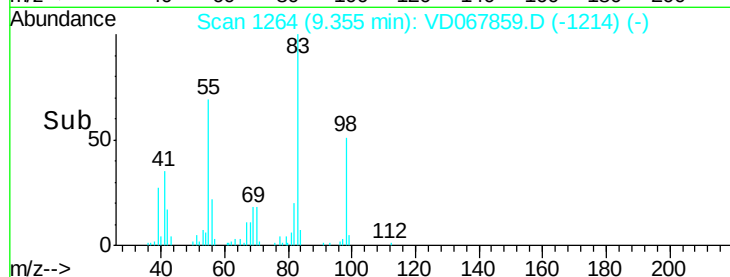
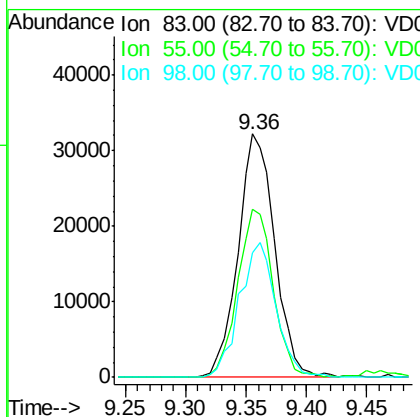
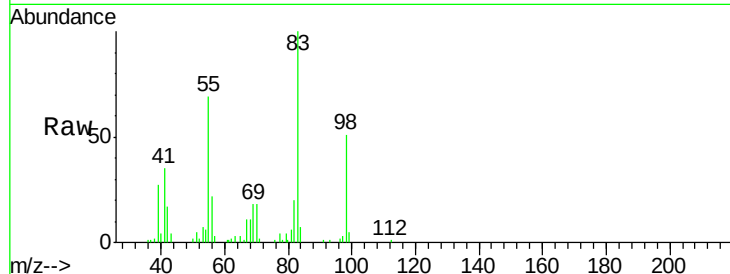
#39  
Methylvlcyclohexane  
Concen: 20.179 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. -0.01 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 69.1  | 51.6  | 77.4  |
| 98      | 51.3  | 44.3  | 66.5  |

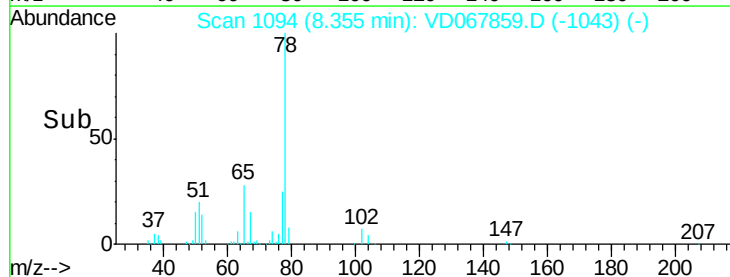
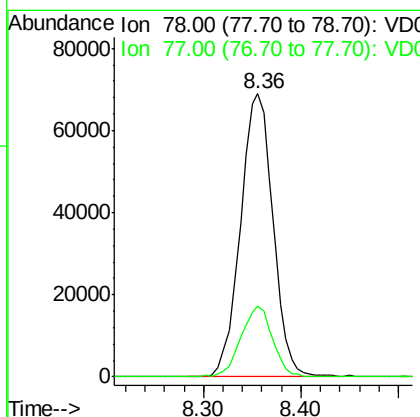
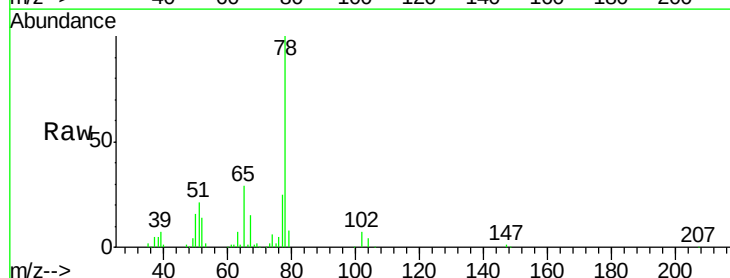
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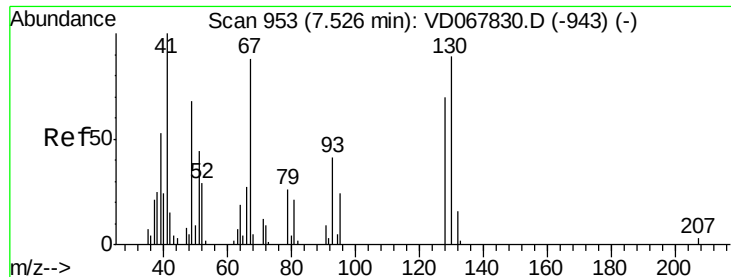


#40  
Benzene  
Concen: 20.494 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 25.0  | 19.1  | 28.7  |







#41

Methacrylonitrile

Concen: 17.008 ug/l

RT: 7.53 min Scan# 953

Delta R.T. 0.00 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

ClientSampleId :

VD1203SBS01

Tot Ion: 41 Resp: 7284

Ion Ratio Lower Upper

41 100

39 63.7 42.1 63.1#

67 118.2 82.4 123.6

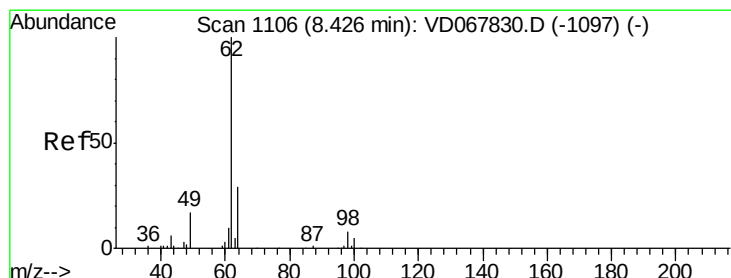
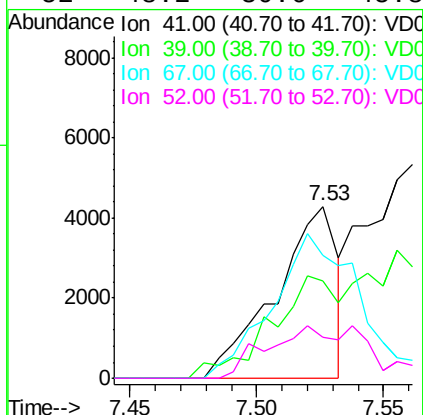
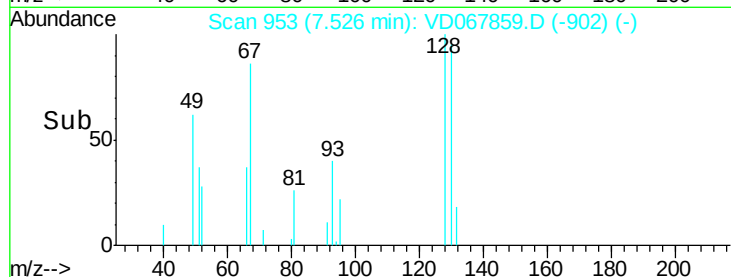
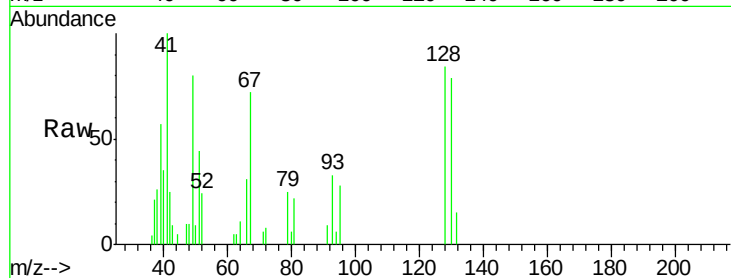
52 48.2 30.6 45.8#

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#42

1,2-Dichloroethane

Concen: 20.579 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD067859.D

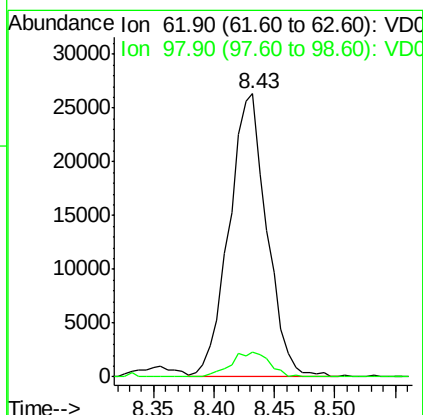
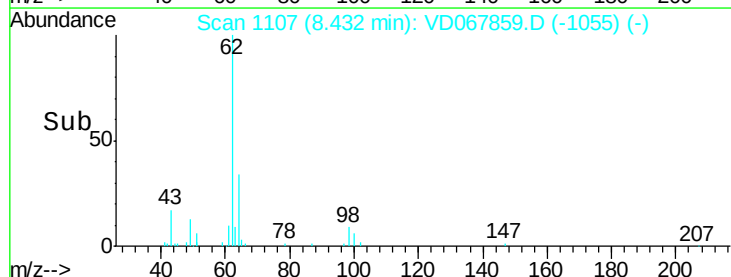
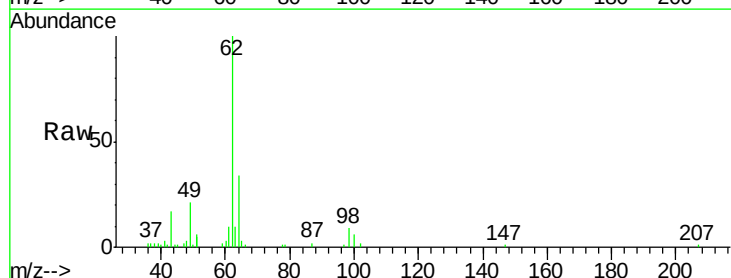
Acq: 03 Dec 2020 11:01

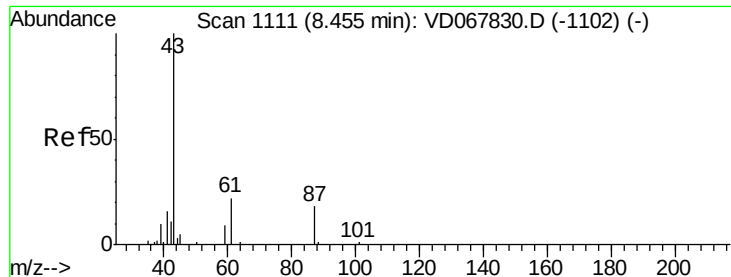
Tgt Ion: 62 Resp: 57218

Ion Ratio Lower Upper

62 100

98 8.9 0.0 17.2





#43

Isopropyl Acetate

Concen: 19.318 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

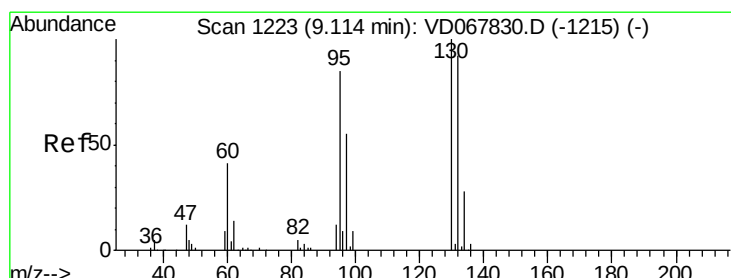
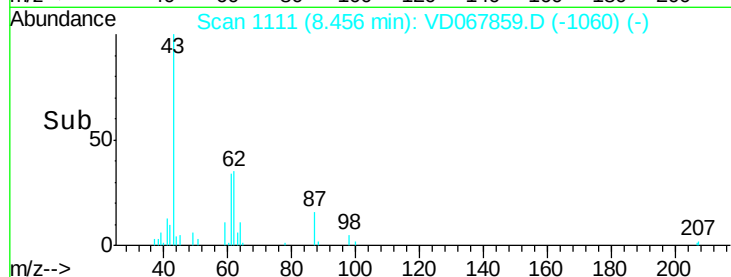
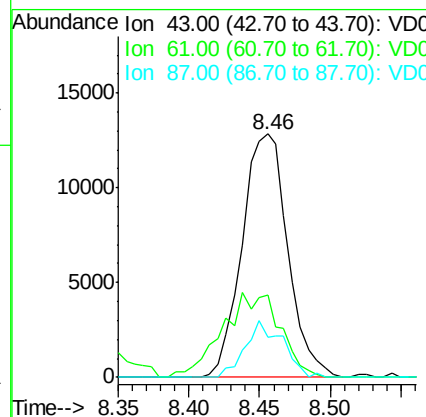
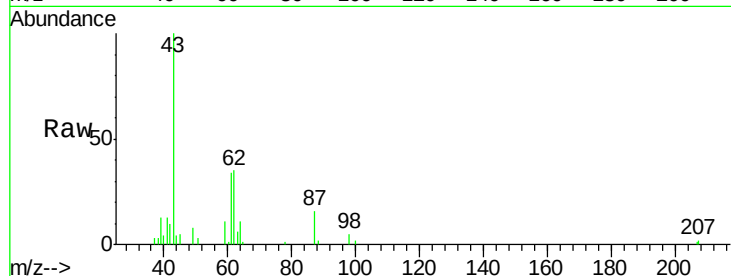
ClientSampleId :

VD1203SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 29207 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 43.7  | 30.4  | 45.6  |
| 87       | 18.9  | 16.2  | 24.2  |

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#44

Trichloroethene

Concen: 20.655 ug/l

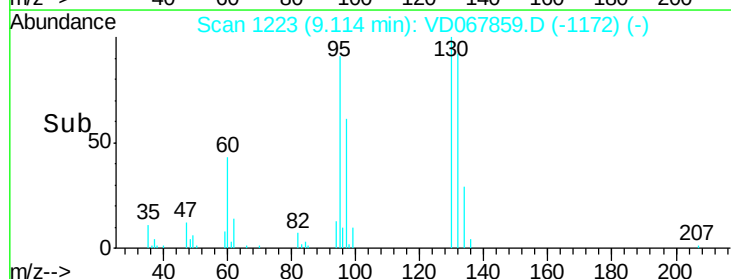
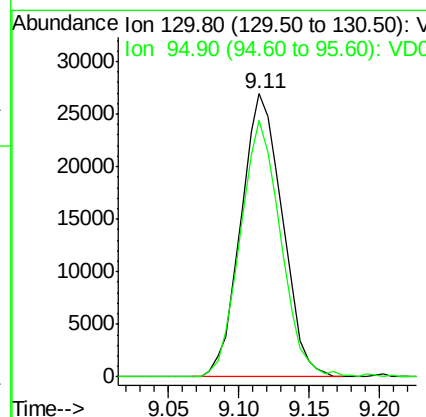
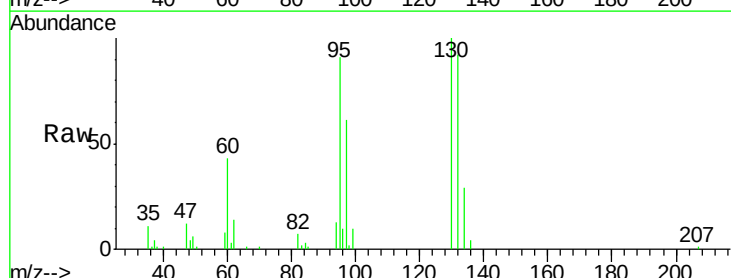
RT: 9.11 min Scan# 1223

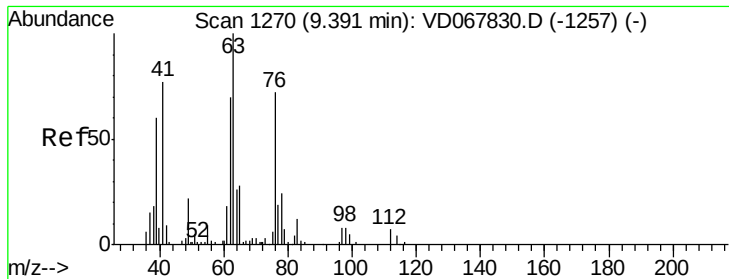
Delta R.T. 0.00 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 55400 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 90.8  | 0.0   | 170.2 |





#45

1,2-Dichloropropane

Concen: 20.529 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

ClientSampleId :

VD1203SBS01

Tot Ion: 63 Resp: 32869

Ion Ratio Lower Upper

63 100

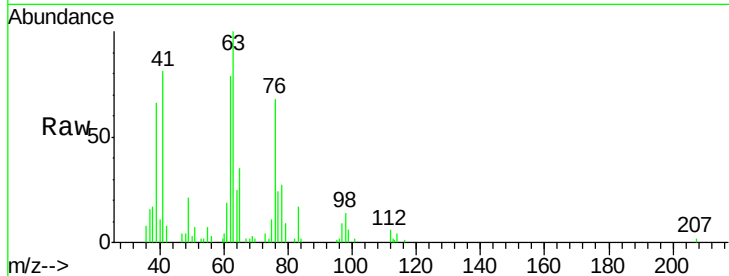
65 34.6 22.8 34.2#

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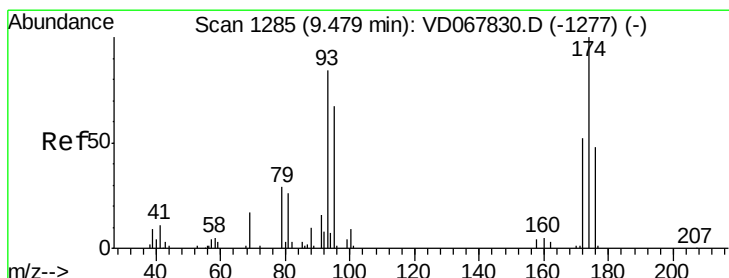
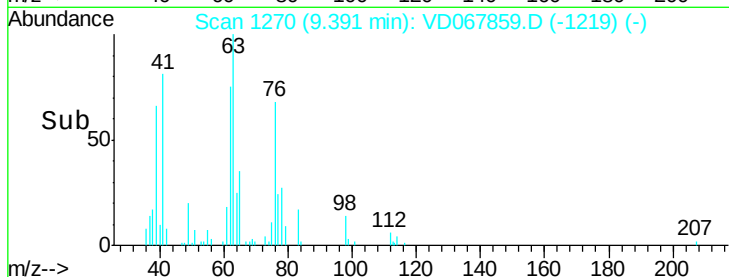
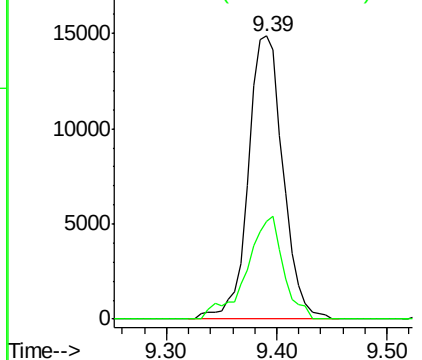
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.362 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

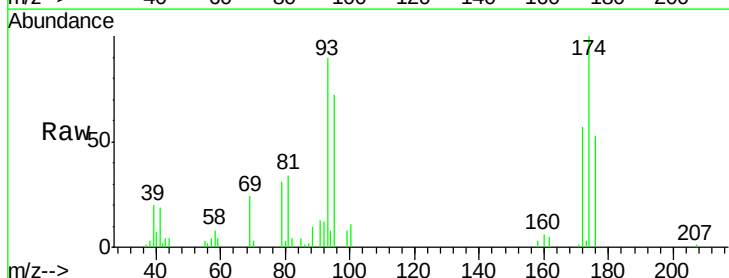
Tgt Ion: 93 Resp: 22667

Ion Ratio Lower Upper

93 100

95 82.7 64.2 96.4

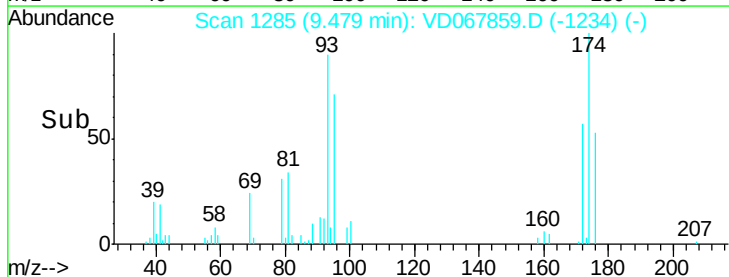
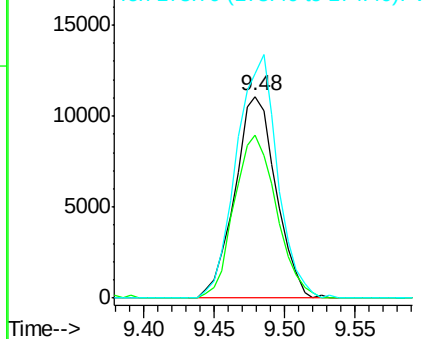
174 120.2 91.5 137.3

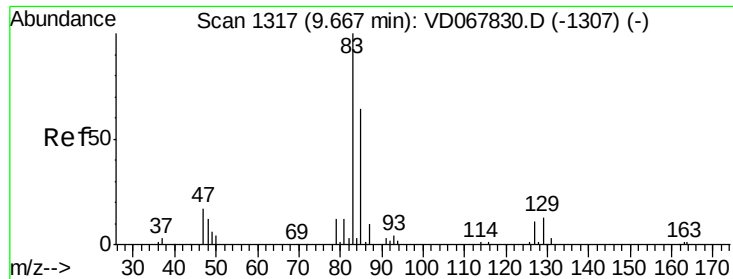


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.197 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

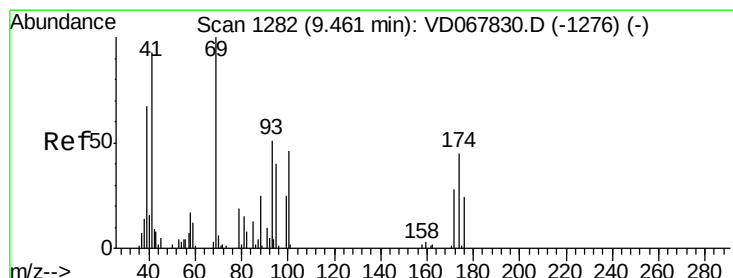
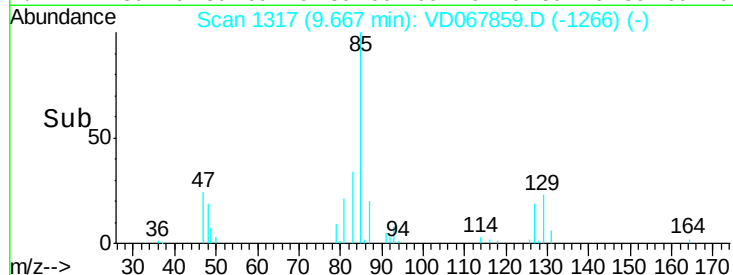
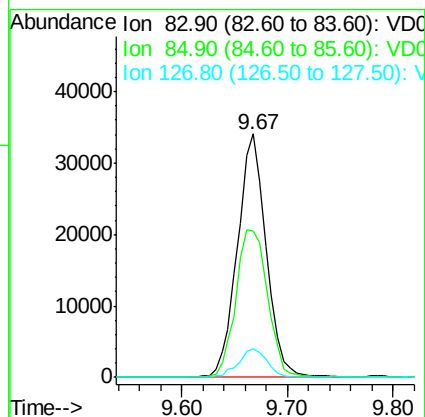
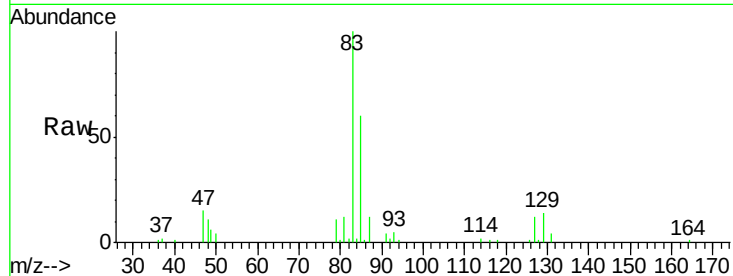
ClientSampleId :

VD1203SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 64098 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 60.2  | 51.4  | 77.0  |
| 127      | 11.7  | 8.5   | 12.7  |

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#48

Methyl methacrylate

Concen: 19.390 ug/l

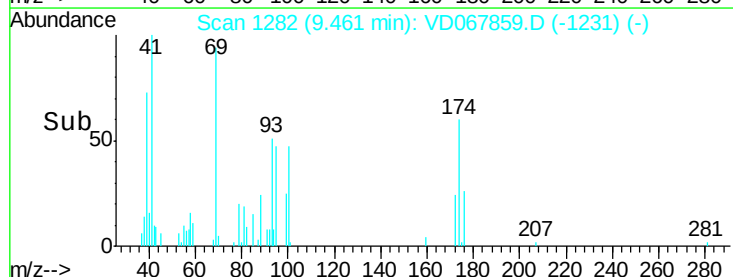
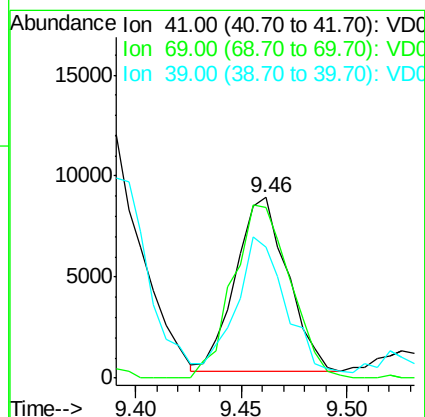
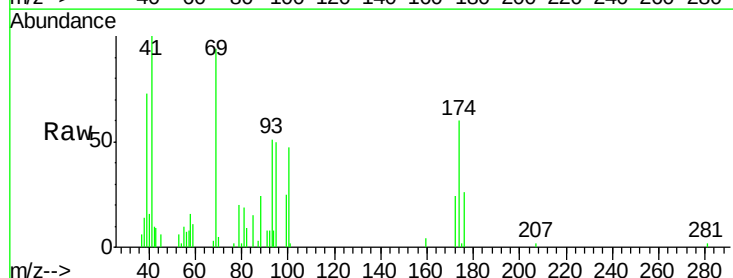
RT: 9.46 min Scan# 1282

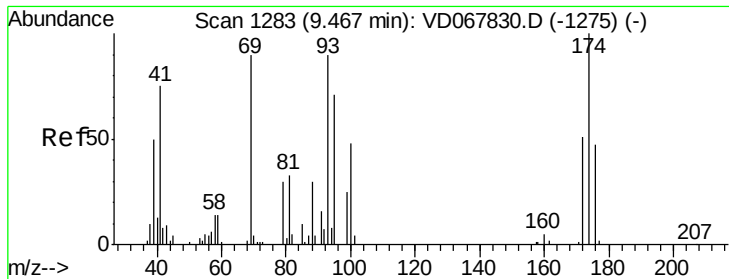
Delta R.T. 0.00 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 14886 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 108.3 | 87.6  | 131.4 |
| 39       | 81.3  | 61.2  | 91.8  |





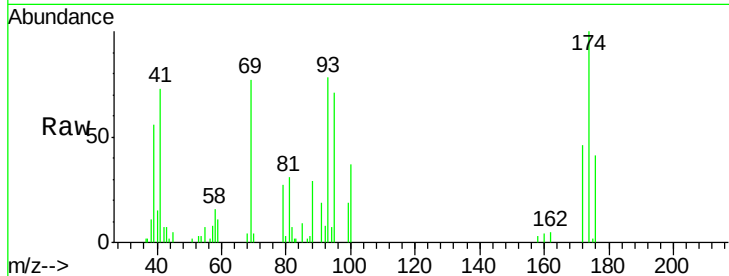
#49  
1,4-Dioxane  
Concen: 394.722 ug/l  
RT: 9.47 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

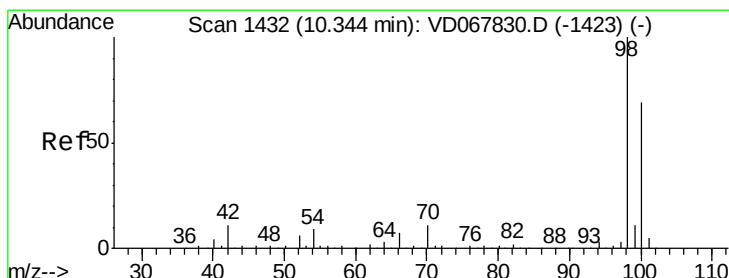
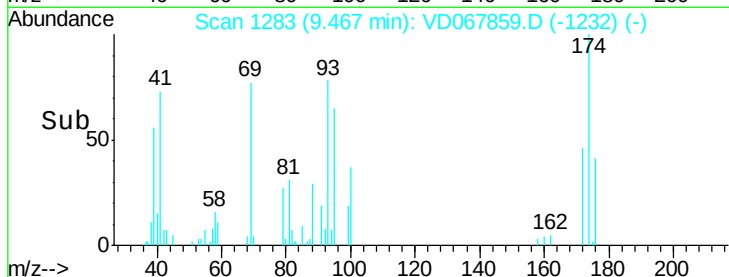
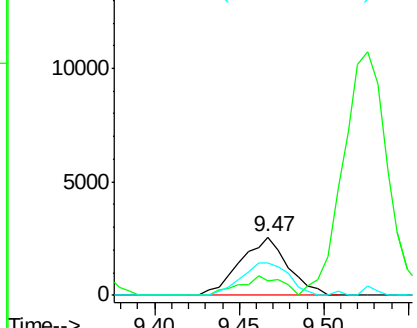
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 28.9  | 30.1  | 45.1# |
| 58      | 56.1  | 42.4  | 63.6  |

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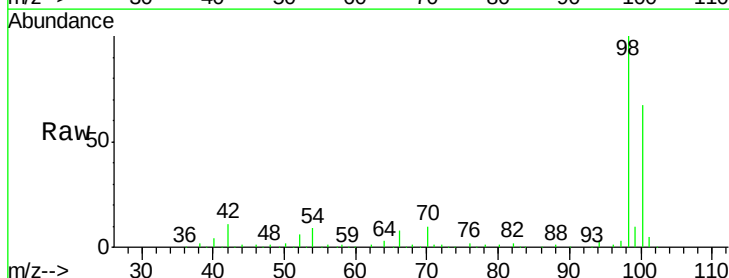


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.00 (42.70 to 43.70): VDC  
Ion 58.00 (57.70 to 58.70): VDC

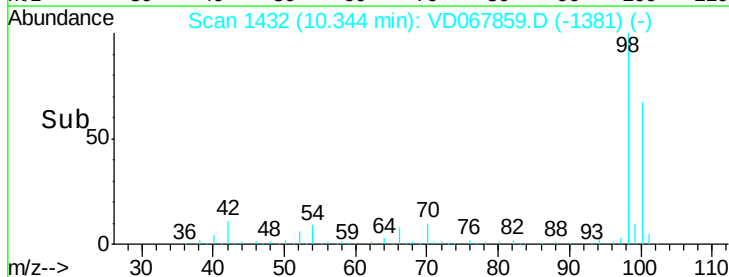
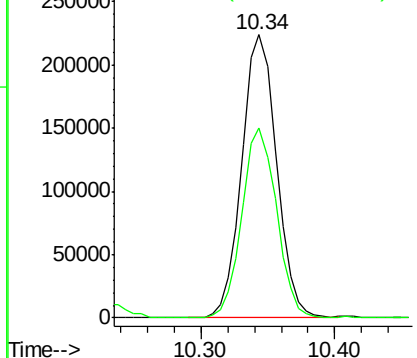


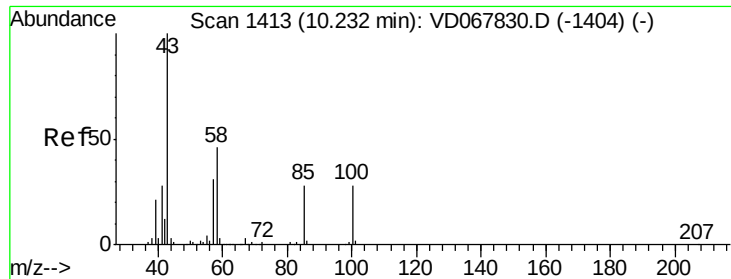
#50  
Toluene-d8  
Concen: 50.973 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

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



Abundance Ion 98.00 (97.70 to 98.70): VDC  
Ion 100.00 (99.70 to 100.70): VDC





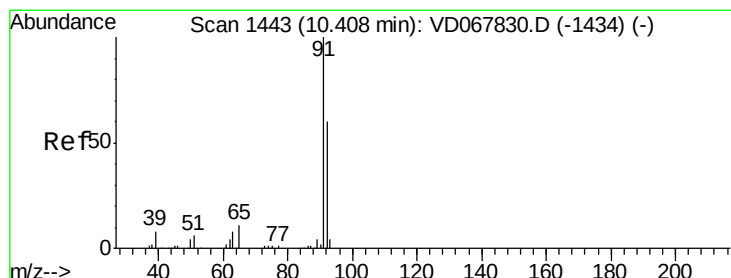
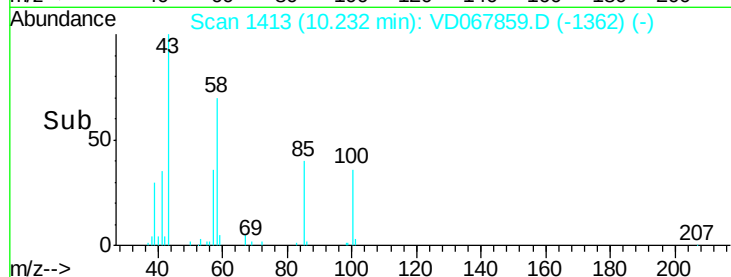
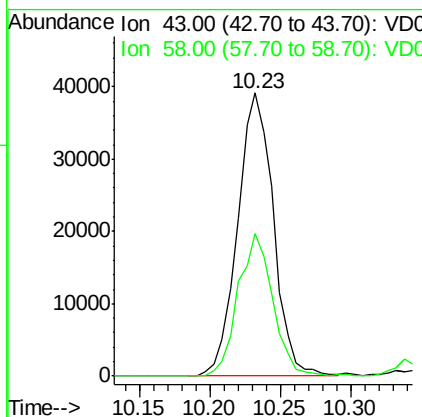
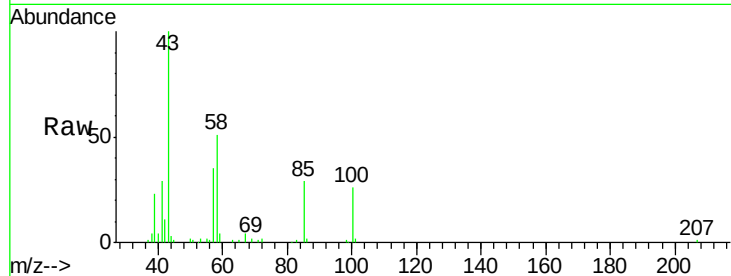
#51  
4-Methyl-2-Pentanone  
Concen: 97.134 ug/l  
RT: 10.23 min Scan# 1413  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

Tot Ion: 43 Resp: 69505  
Ion Ratio Lower Upper  
43 100  
58 48.8 35.7 53.5

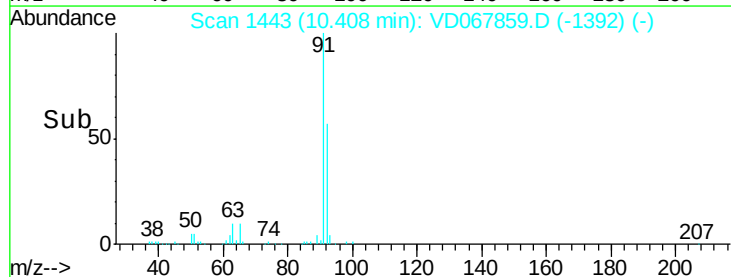
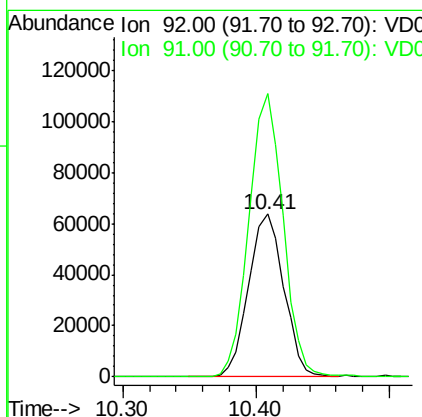
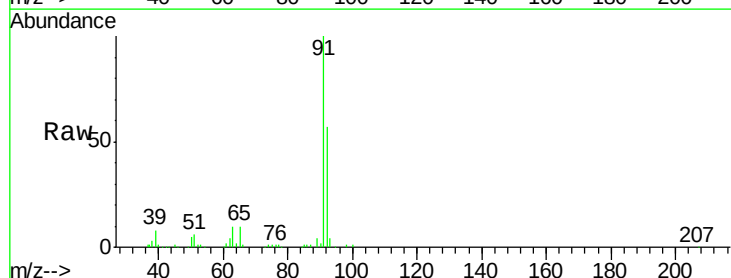
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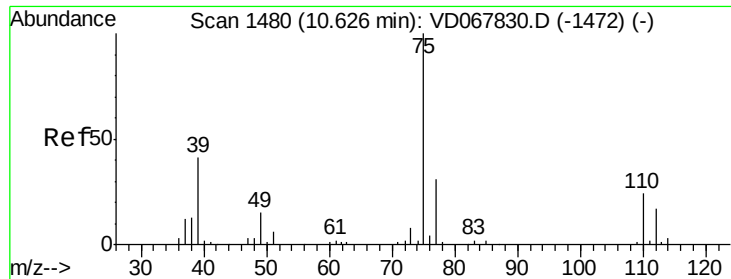
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#52  
Toluene  
Concen: 21.323 ug/l  
RT: 10.41 min Scan# 1443  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Tgt Ion: 92 Resp: 116299  
Ion Ratio Lower Upper  
92 100  
91 169.2 134.2 201.2





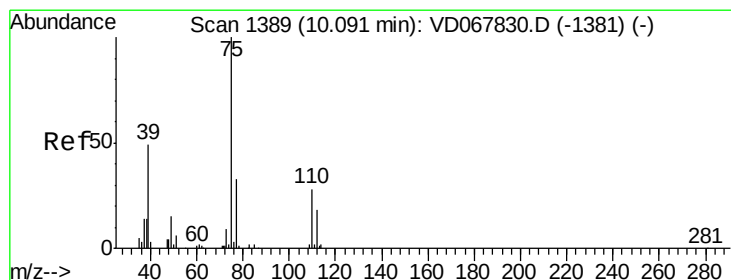
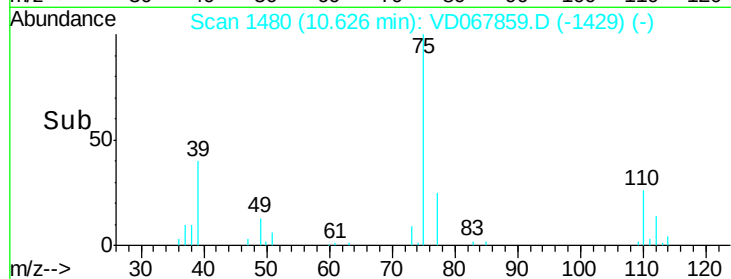
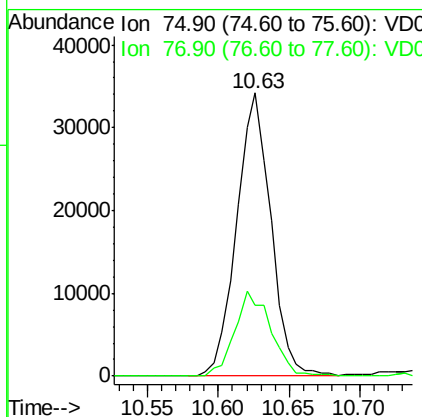
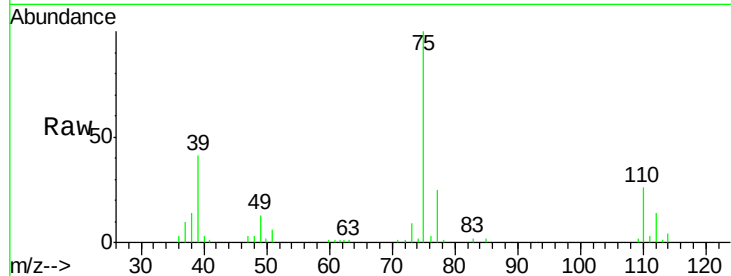
#53  
t-1,3-Dichloropropene  
Concen: 21.195 ug/l  
RT: 10.63 min Scan# 1480  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 25.1  | 25.0  | 37.4  |

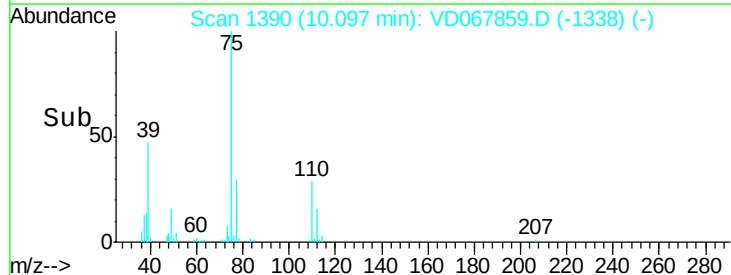
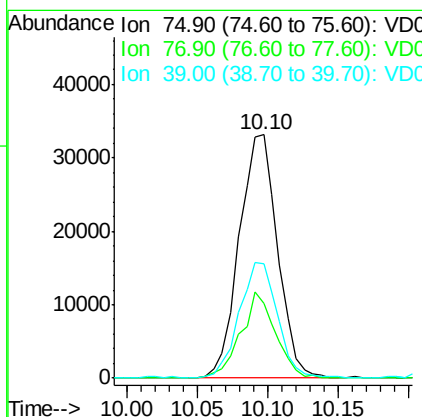
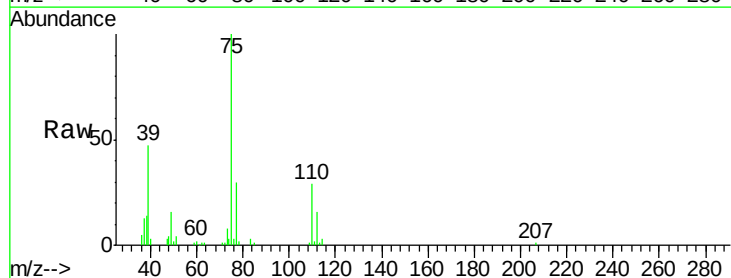
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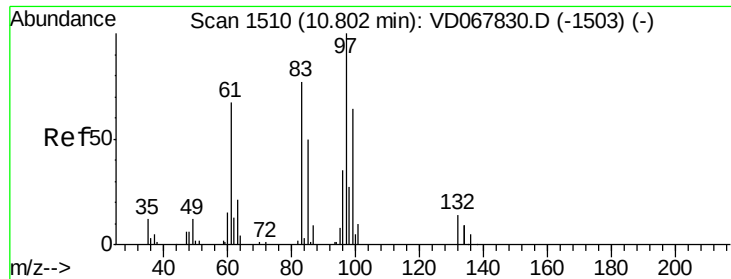
MMDadoda  
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#54  
cis-1,3-Dichloropropene  
Concen: 21.113 ug/l  
RT: 10.10 min Scan# 1390  
Delta R.T. 0.01 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.4  | 26.2  | 39.2  |
| 39      | 46.9  | 39.0  | 58.4  |





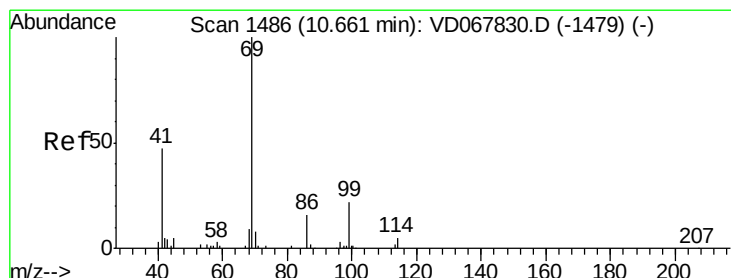
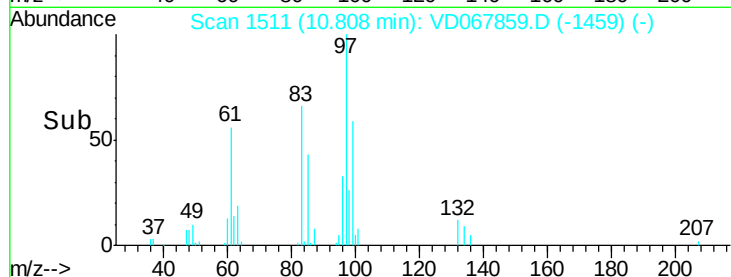
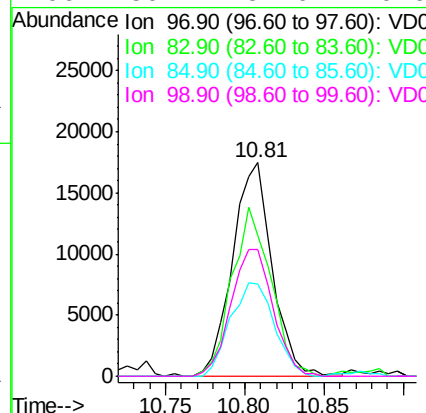
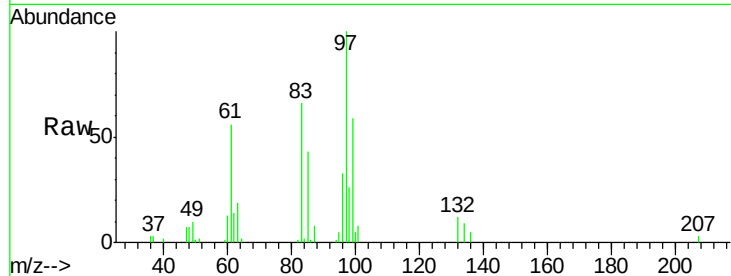
#55  
 1,1,2-Trichloroethane  
 Concen: 19.902 ug/l  
 RT: 10.81 min Scan# 1511  
 Delta R.T. 0.01 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1203SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 30320 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 65.8  | 61.9  | 92.9  |
| 85       | 43.2  | 40.2  | 60.4  |
| 99       | 59.1  | 51.0  | 76.6  |

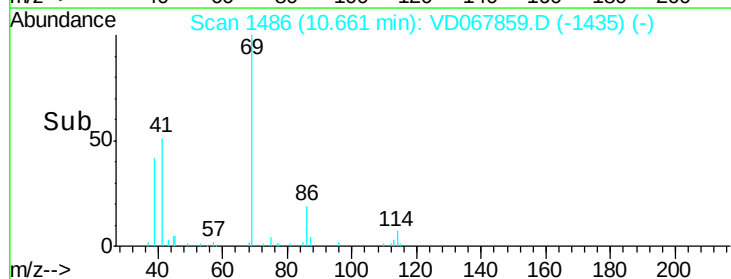
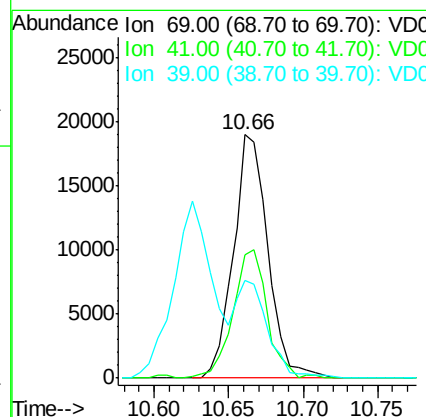
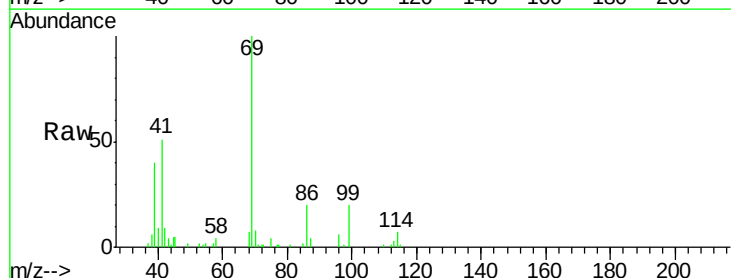
Manual Integrations  
 APPROVED

MMDadoda  
 12/4/2020 11:26:30 AM

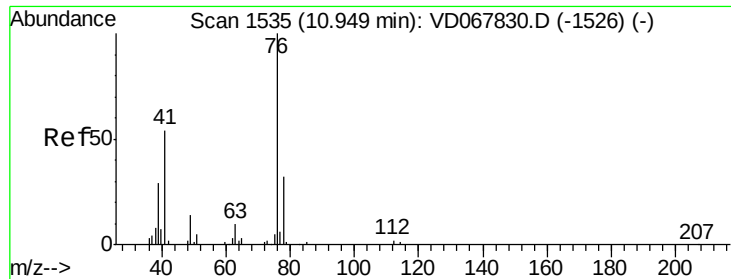


#56  
 Ethyl methacrylate  
 Concen: 19.776 ug/l  
 RT: 10.66 min Scan# 1486  
 Delta R.T. 0.00 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 30654 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 52.5  | 42.8  | 64.2  |
| 39       | 37.7  | 30.5  | 45.7  |







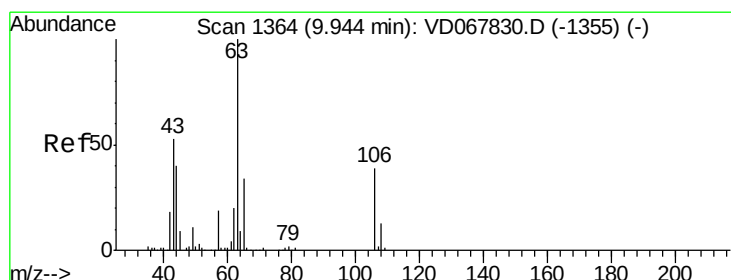
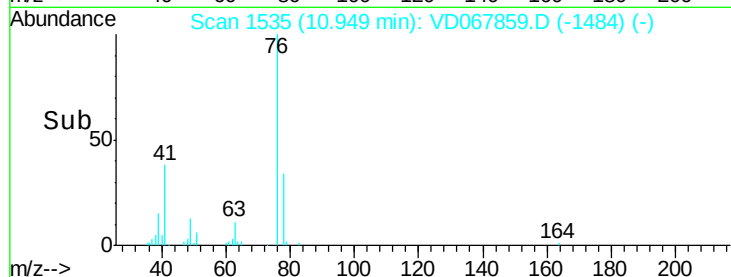
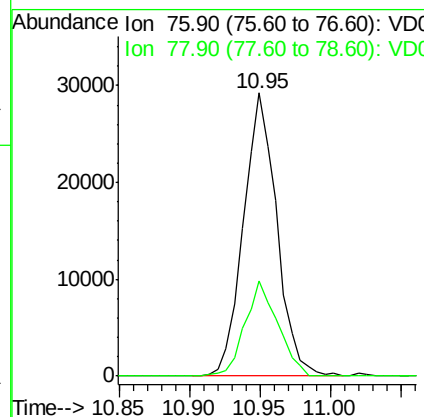
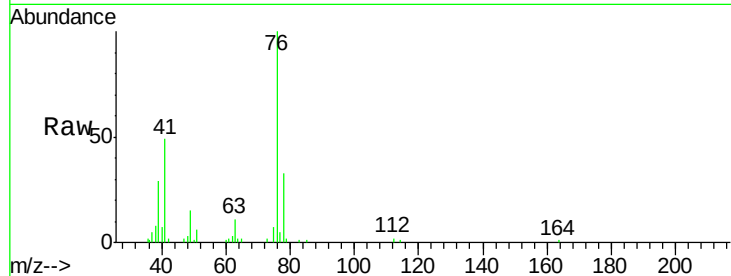
#57  
 1,3-Dichloropropane  
 Concen: 20.058 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. 0.00 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1203SBS01

Tot Ion: 76 Resp: 48405  
 Ion Ratio Lower Upper  
 76 100  
 78 33.1 26.6 39.8

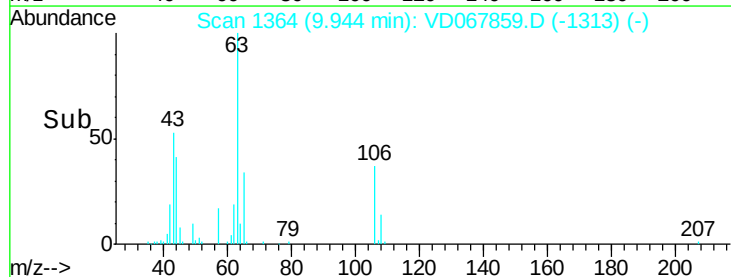
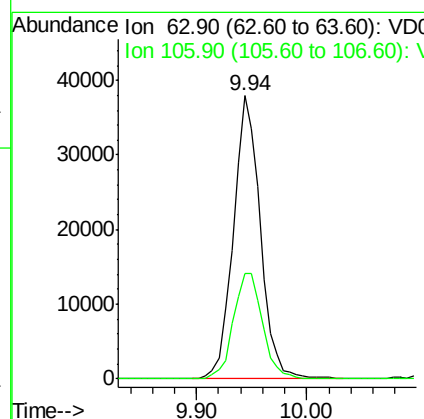
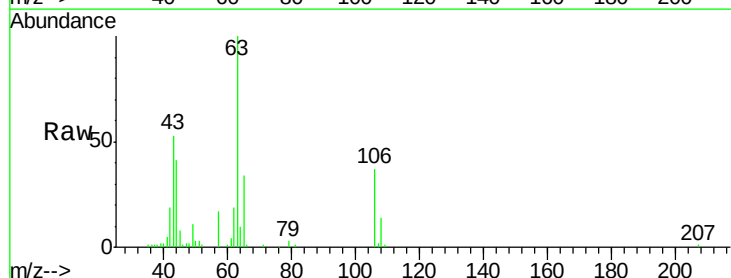
Manual Integrations  
 APPROVED

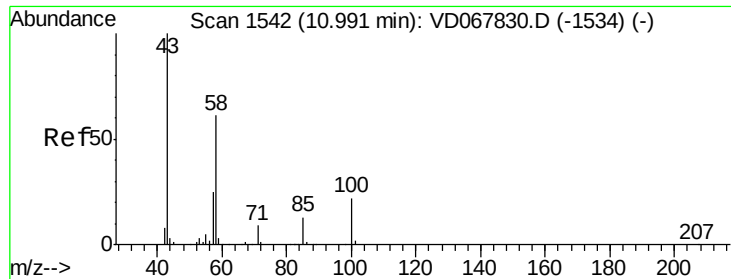
MMDadoda  
 12/4/2020 11:26:30 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 92.159 ug/l  
 RT: 9.94 min Scan# 1364  
 Delta R.T. 0.00 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

Tgt Ion: 63 Resp: 65002  
 Ion Ratio Lower Upper  
 63 100  
 106 40.1 32.0 48.0





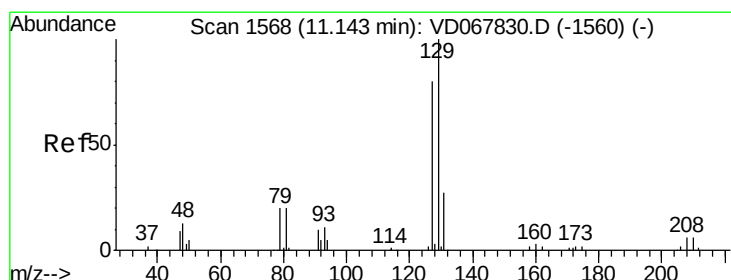
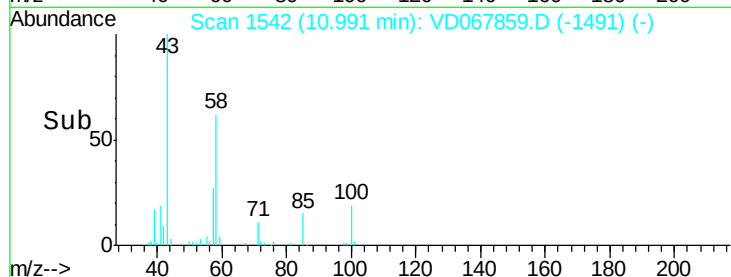
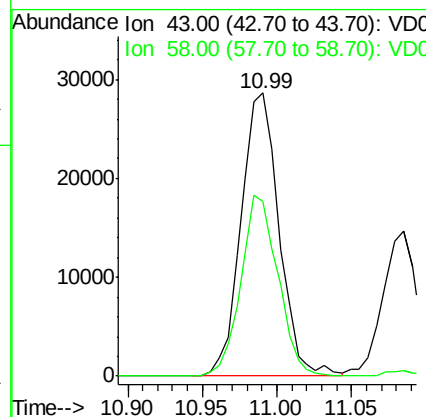
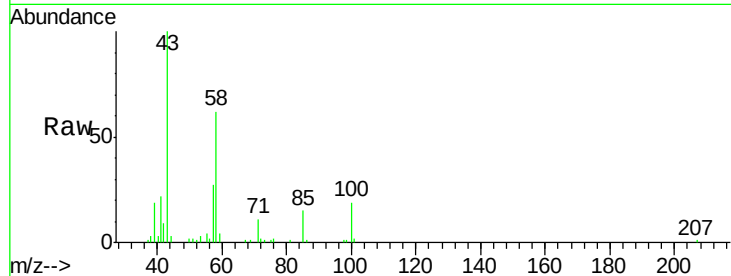
#59  
2-Hexanone  
Concen: 100.125 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

Tot Ion: 43 Resp: 50506  
Ion Ratio Lower Upper  
43 100  
58 62.2 29.9 89.7

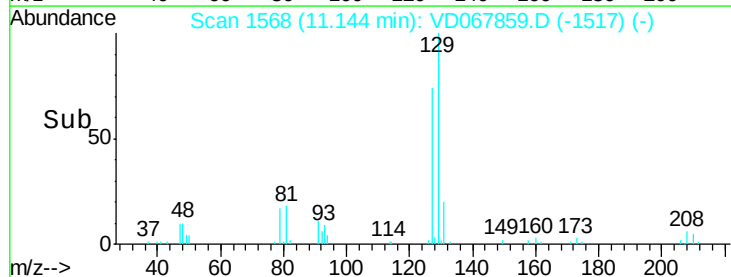
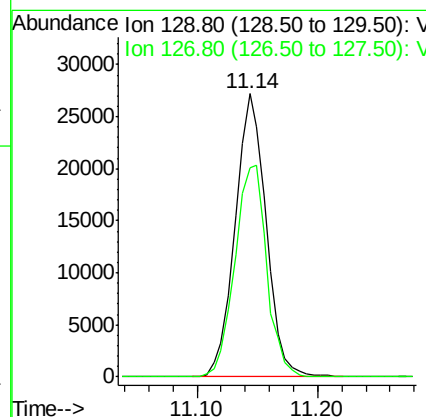
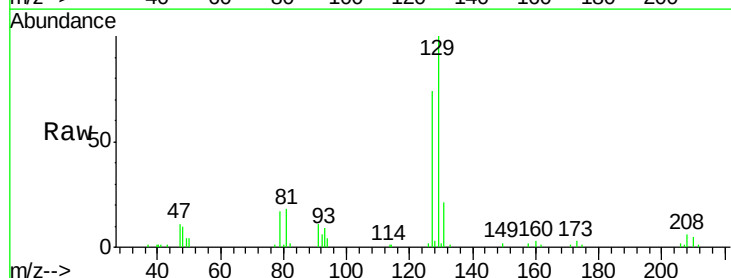
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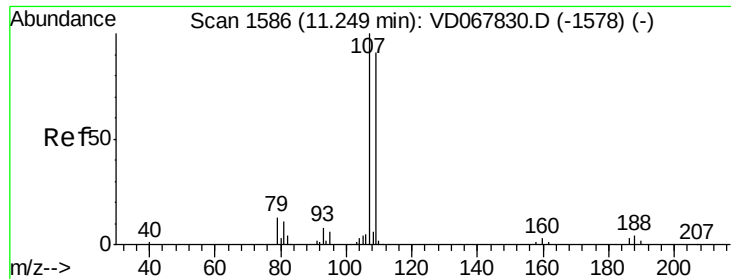
MMDadoda  
12/4/2020 11:26:30 AM



#60  
Dibromochloromethane  
Concen: 21.089 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Tgt Ion: 129 Resp: 48432  
Ion Ratio Lower Upper  
129 100  
127 77.1 39.2 117.6





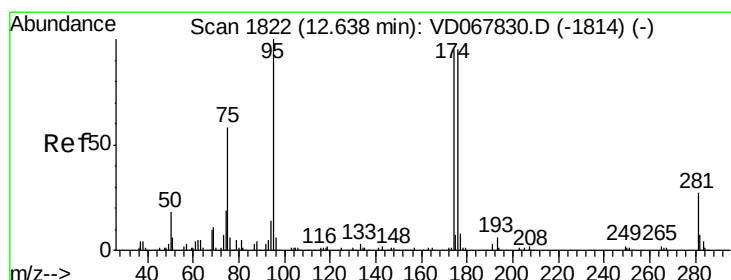
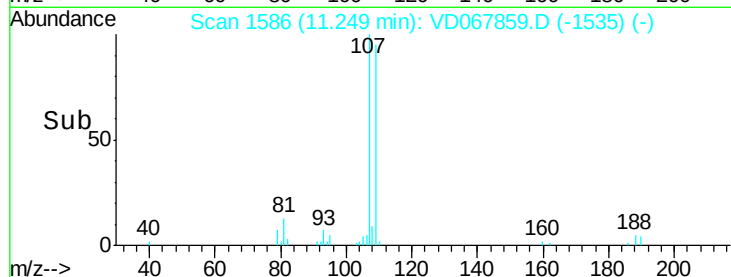
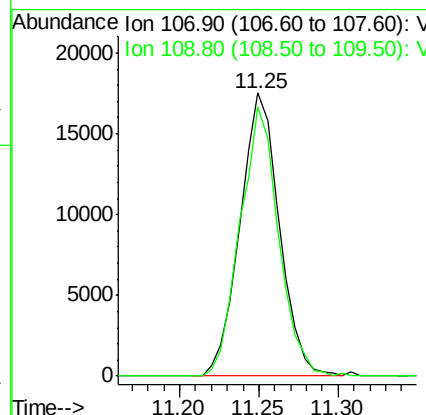
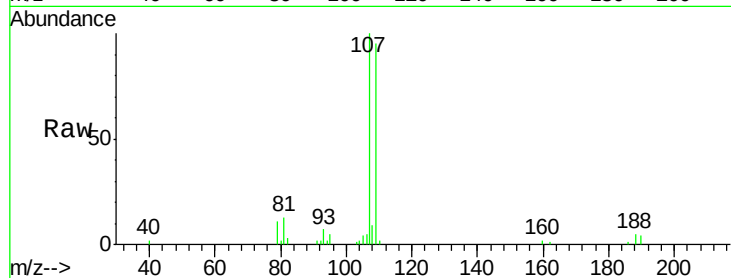
#61  
 1,2-Dibromoethane  
 Concen: 20.157 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. 0.00 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1203SBS01

Tot Ion: 107 Resp: 30198  
 Ion Ratio Lower Upper  
 107 100  
 109 93.0 75.9 113.9

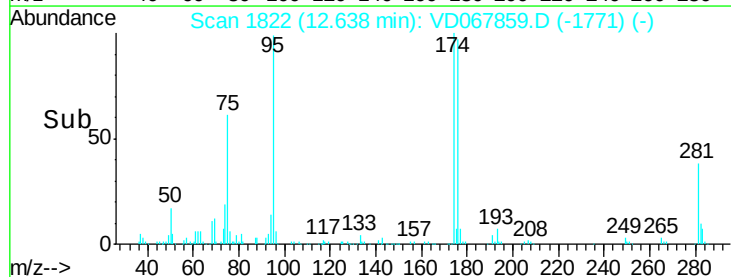
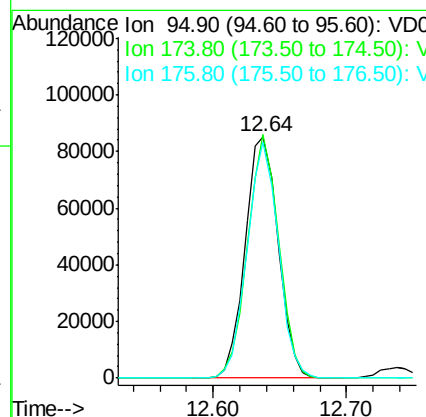
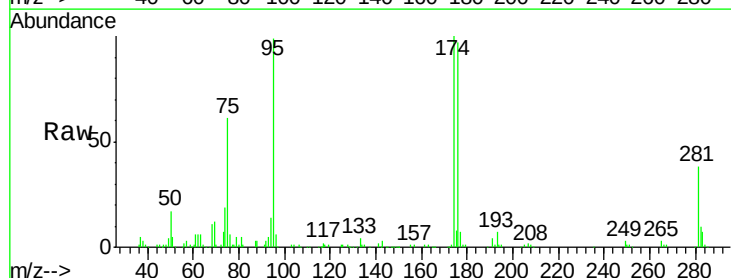
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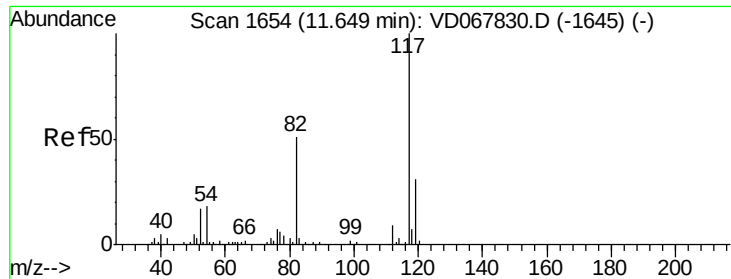
MMDadoda  
 12/4/2020 11:26:30 AM



#62  
 4-Bromofluorobenzene  
 Concen: 52.913 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. 0.00 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

Tgt Ion: 95 Resp: 145121  
 Ion Ratio Lower Upper  
 95 100  
 174 95.3 0.0 186.0  
 176 92.3 0.0 184.2





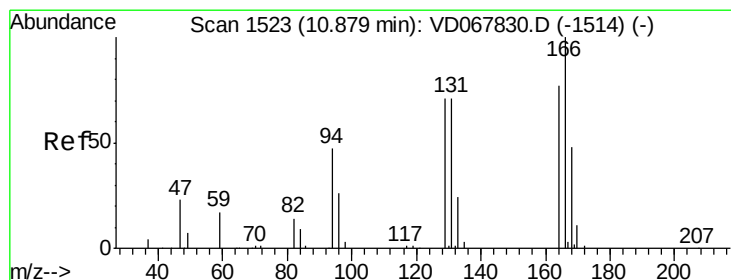
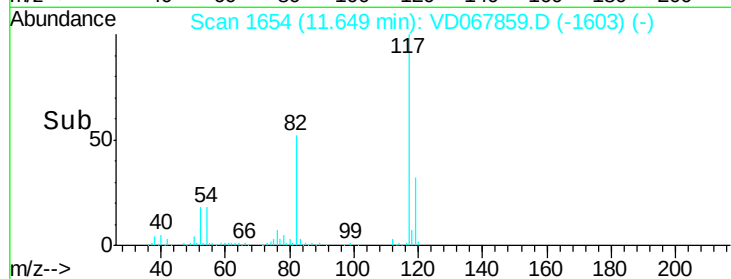
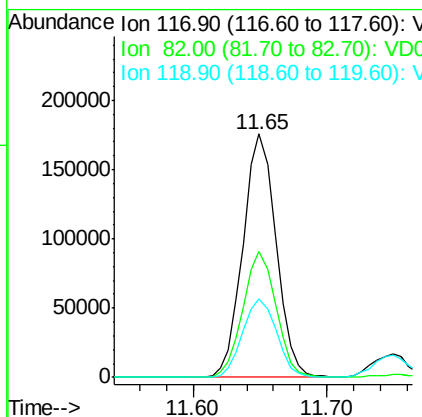
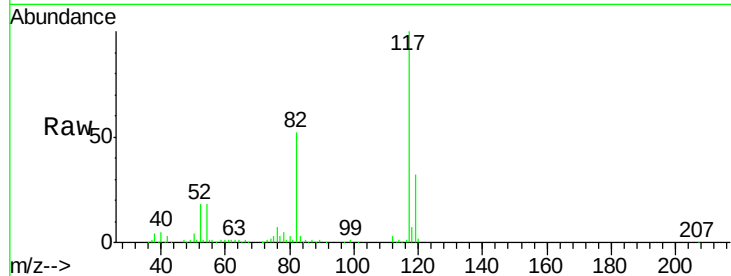
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 302195 |       |       |
| 82      | 51.9  |        | 40.6  | 60.8  |
| 119     | 32.1  |        | 25.1  | 37.7  |

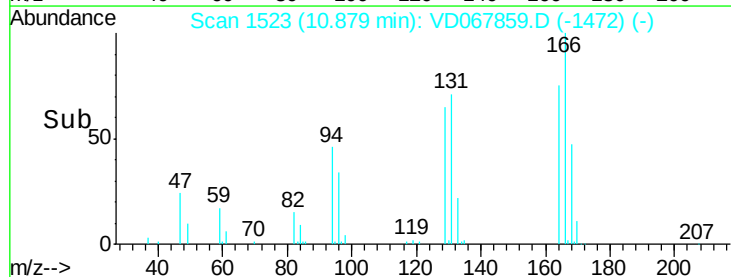
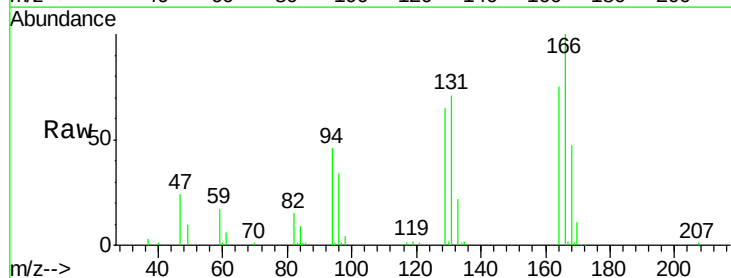
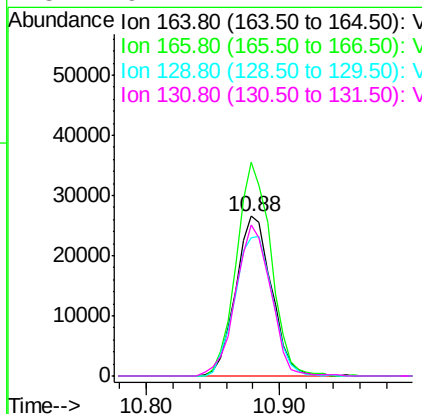
Manual Integrations  
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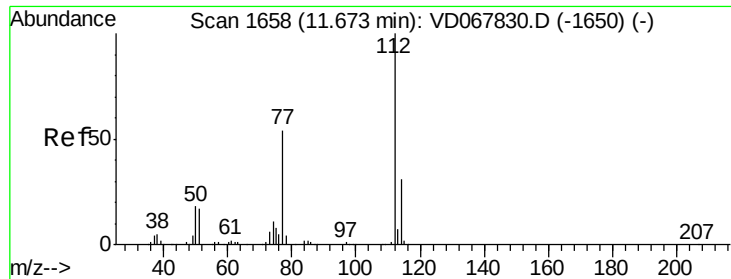
MMDadoda  
12/4/2020 11:26:30 AM



#64  
Tetrachloroethene  
Concen: 19.986 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 49265 |       |       |
| 166     | 133.8 |       | 103.8 | 155.6 |
| 129     | 86.9  |       | 73.3  | 109.9 |
| 131     | 94.7  |       | 74.1  | 111.1 |





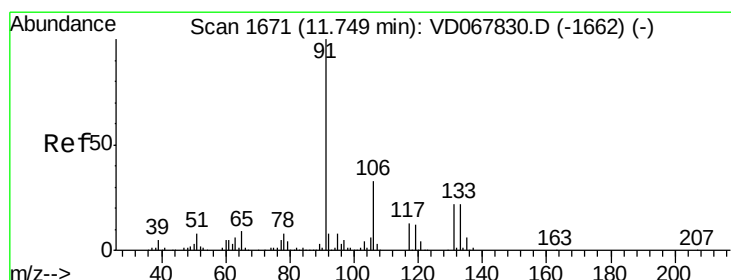
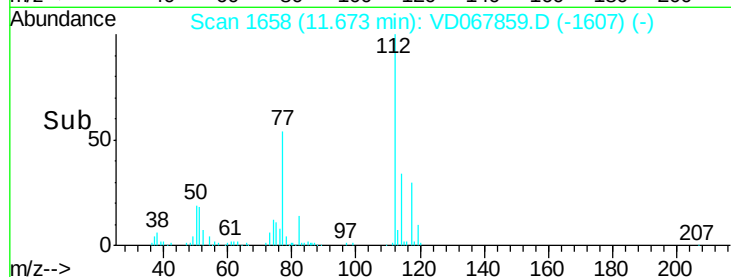
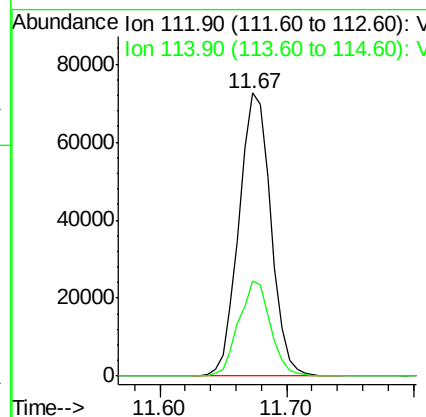
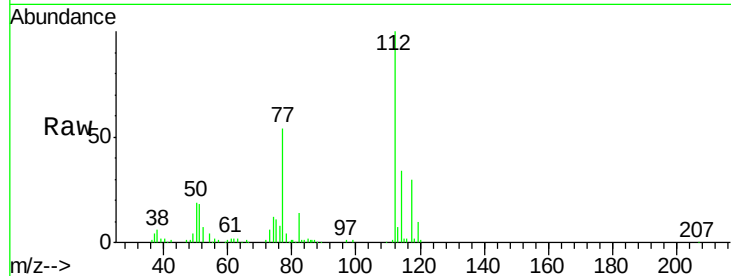
#65  
Chlorobenzene  
Concen: 20.298 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 126566 |       |       |
| 114     | 33.5  | 25.0   | 37.4  |       |

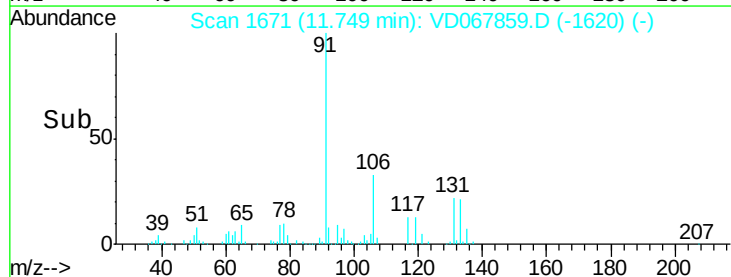
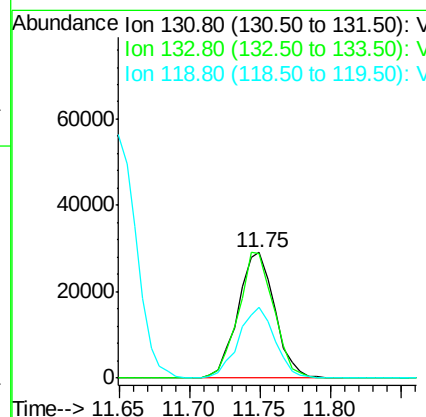
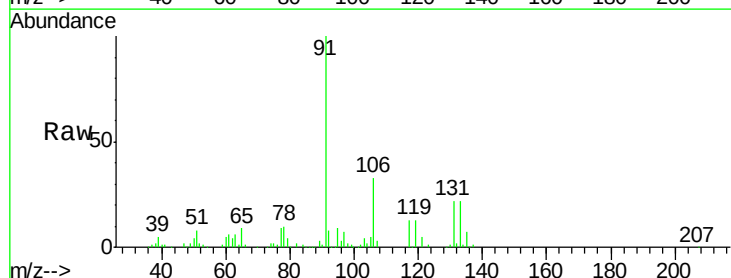
Manual Integrations  
APPROVED

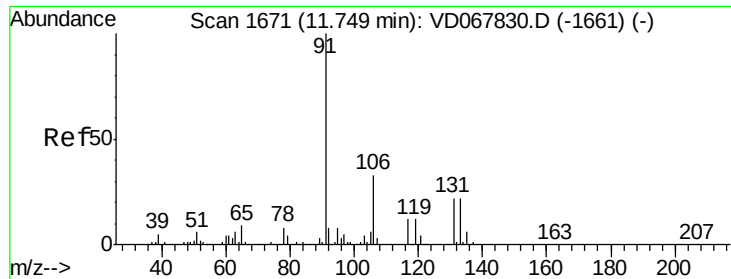
MMDadoda  
12/4/2020 11:26:30 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.840 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 131     | 100   | 53000 |       |       |
| 133     | 96.3  | 49.9  | 149.7 |       |
| 119     | 55.3  | 29.6  | 88.9  |       |





#67

Ethyl Benzene

Concen: 20.696 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

ClientSampleId :

VD1203SBS01

Tot Ion: 91 Resp: 219839

Ion Ratio Lower Upper

91 100

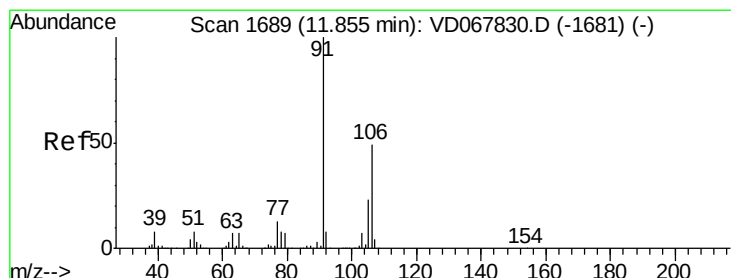
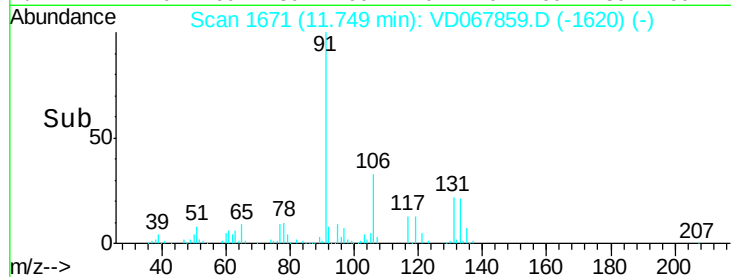
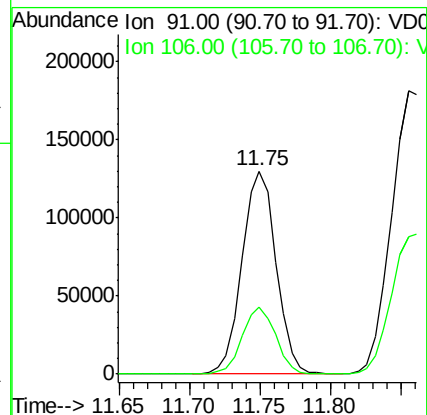
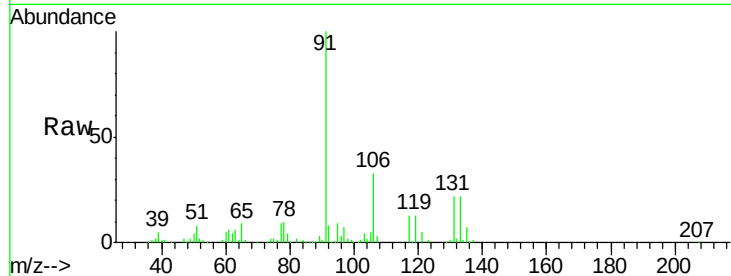
106 33.1 26.2 39.2

Manual Integrations

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MMDadoda

12/4/2020 11:26:30 AM



#68

m/p-Xylenes

Concen: 42.536 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD067859.D

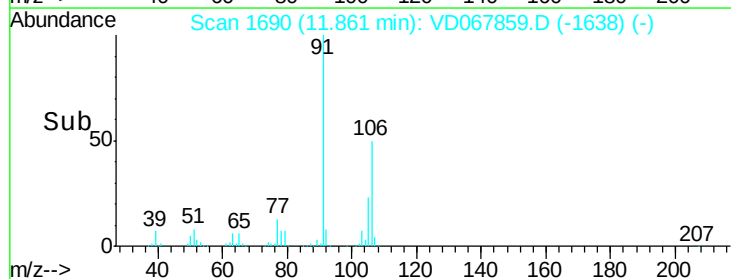
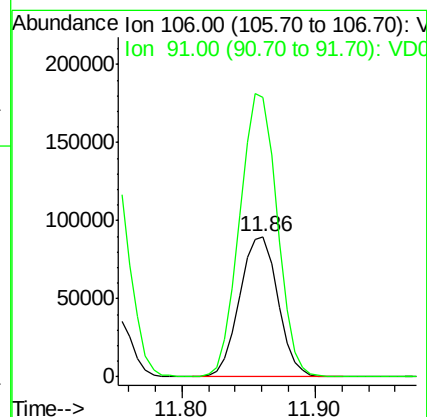
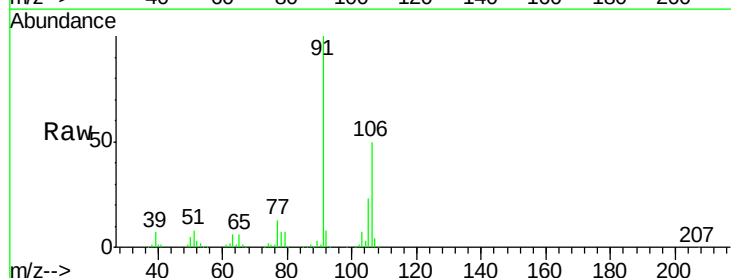
Acq: 03 Dec 2020 11:01

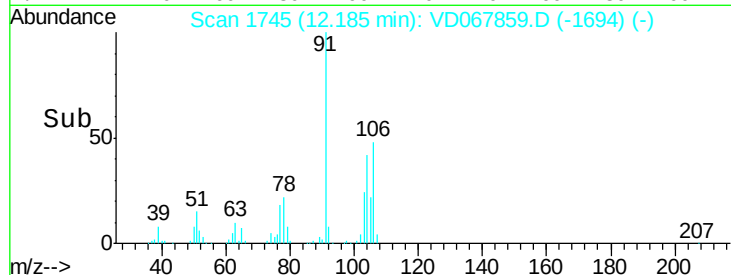
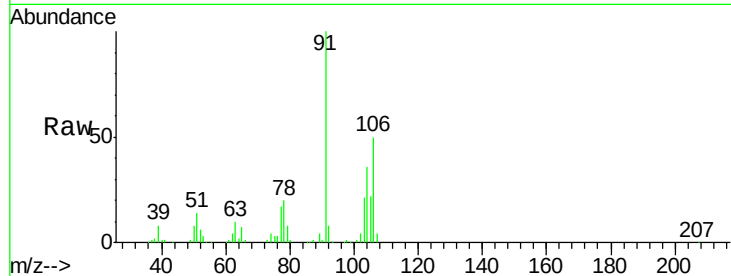
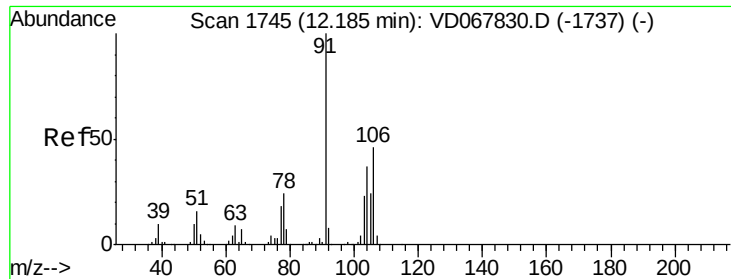
Tgt Ion: 106 Resp: 178158

Ion Ratio Lower Upper

106 100

91 198.4 162.8 244.2





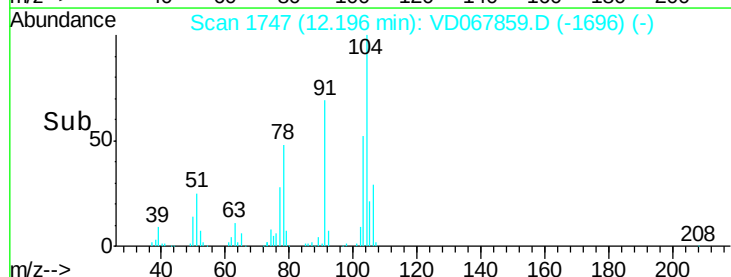
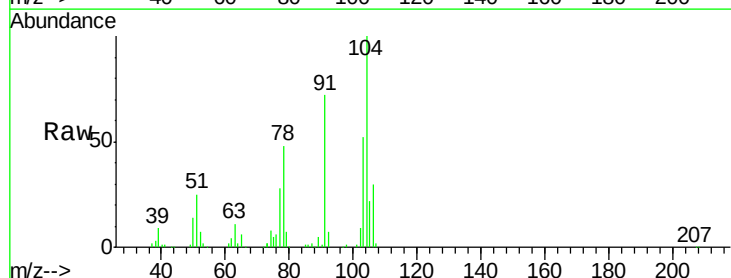
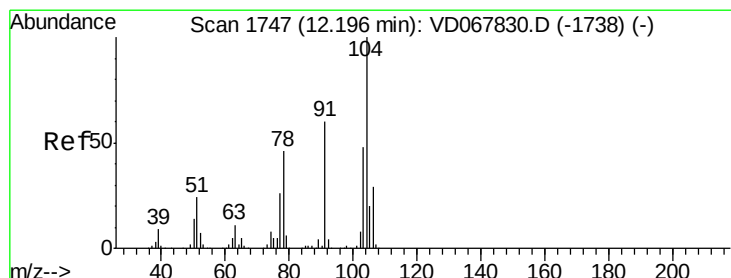
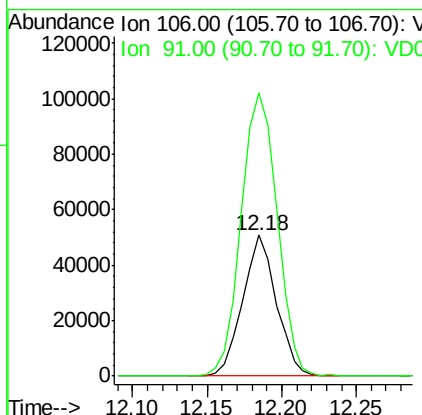
#69  
o-Xylene  
Concen: 21.303 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Tot Ion:106 Resp: 79213  
Ion Ratio Lower Upper  
106 100  
91 216.4 107.5 322.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

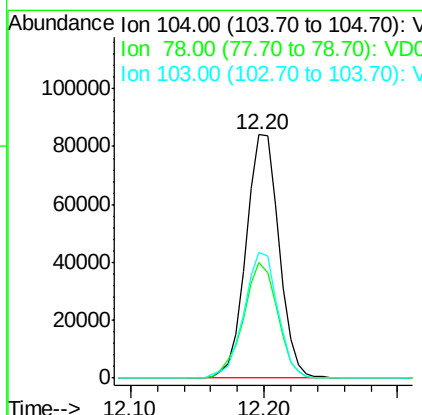
Manual Integrations  
APPROVED

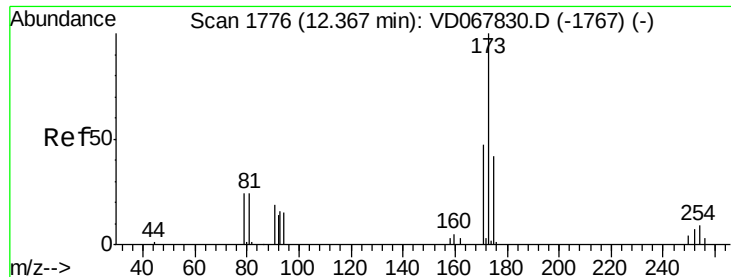
MMDadoda  
12/4/2020 11:26:30 AM



#70  
Styrene  
Concen: 22.131 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Tgt Ion:104 Resp: 143089  
Ion Ratio Lower Upper  
104 100  
78 49.2 41.6 62.4  
103 53.0 43.2 64.8





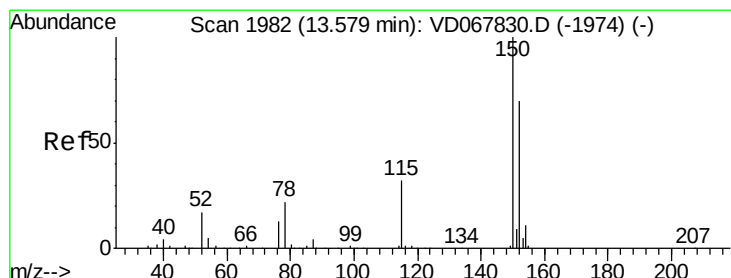
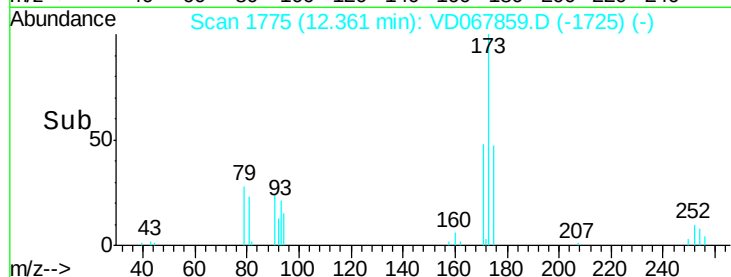
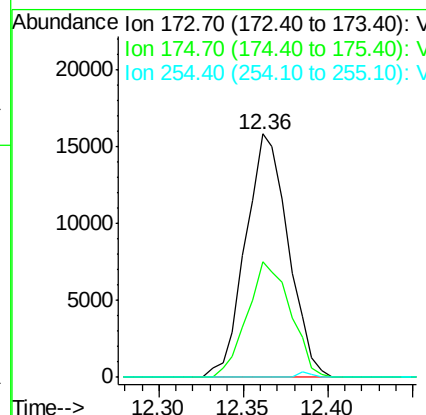
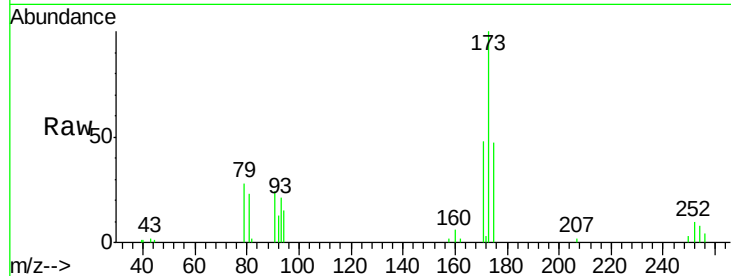
#71  
Bromoform  
Concen: 20.675 ug/l  
RT: 12.36 min Scan# 1775  
Delta R.T. -0.01 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.3  | 23.4  | 70.3  |
| 254     | 0.0   | 0.1   | 0.1   |

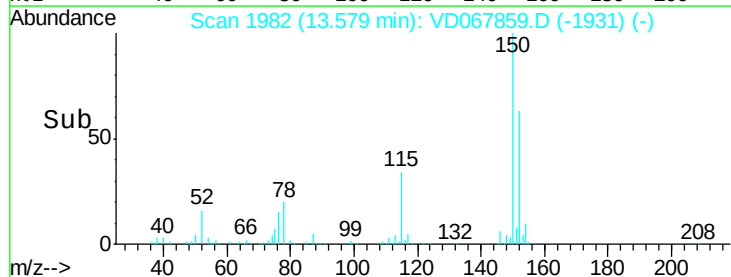
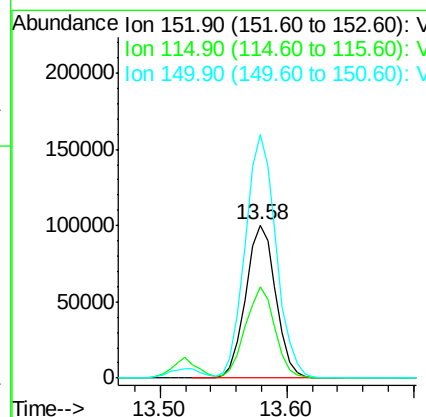
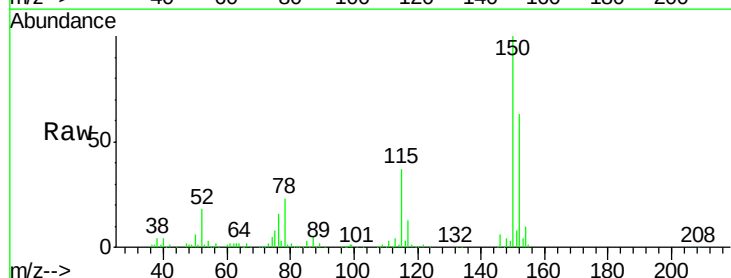
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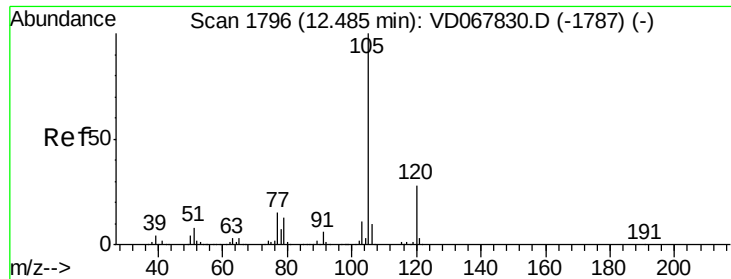


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1982  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 58.4  | 29.1  | 87.4  |
| 150     | 163.7 | 0.0   | 339.0 |







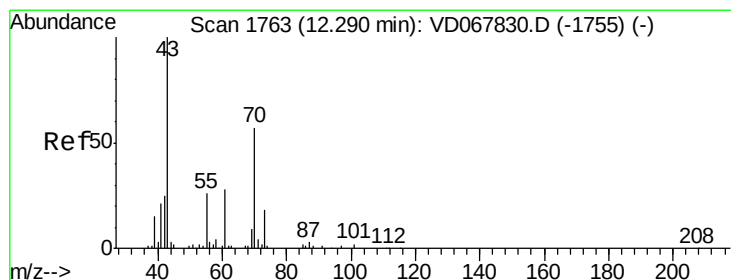
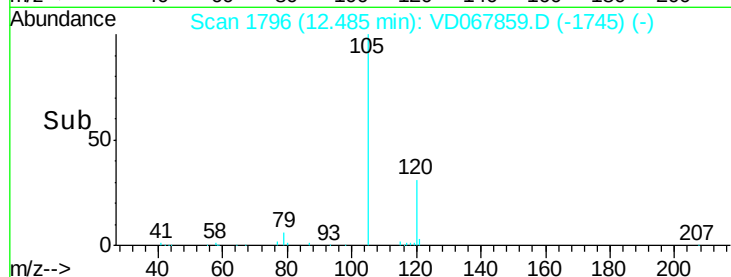
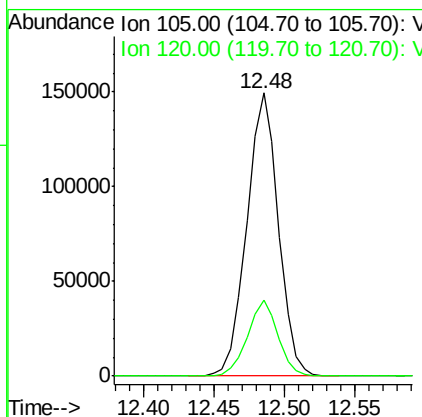
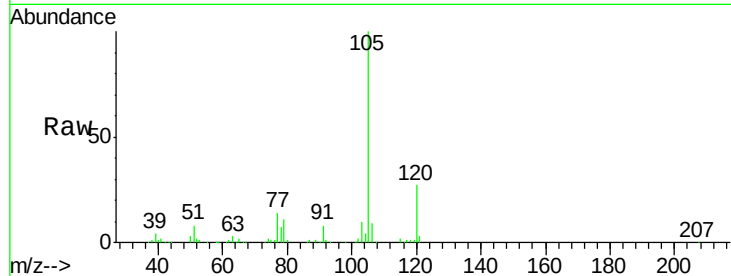
#73  
Isopropylbenzene  
Concen: 20.696 ug/l  
RT: 12.48 min Scan# 1796  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 234317 |       |       |
| 120     | 25.8  | 13.9   | 41.6  |       |

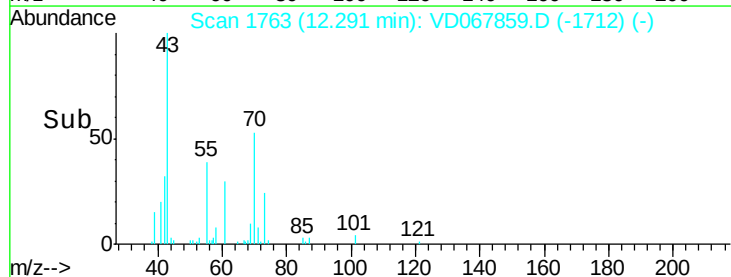
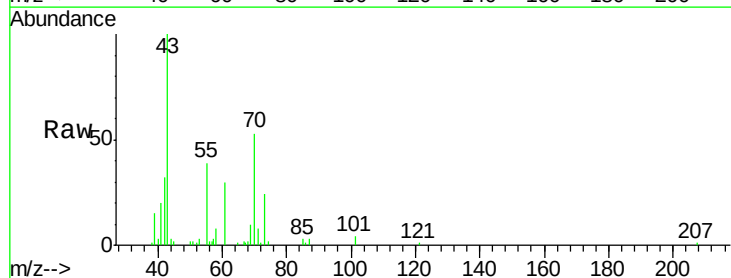
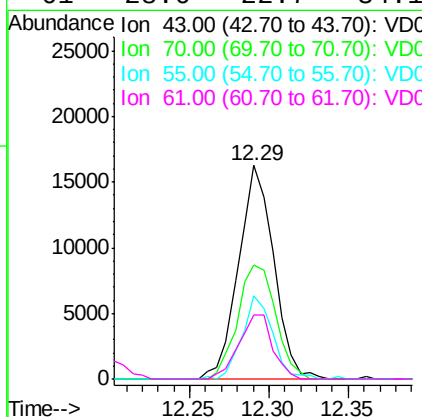
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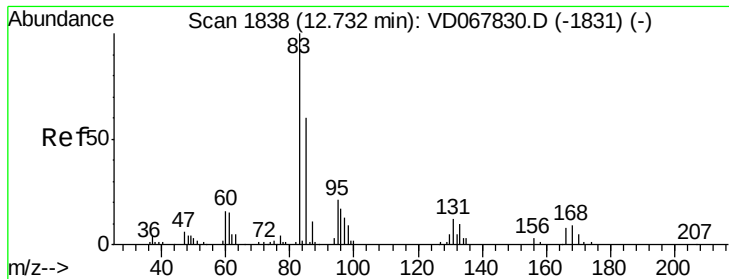
MMDadoda  
12/4/2020 11:26:30 AM



#74  
N-ethyl acetate  
Concen: 17.933 ug/l  
RT: 12.29 min Scan# 1763  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 43      | 100   | 25114 |       |       |
| 70      | 57.5  | 44.6  | 66.8  |       |
| 55      | 33.8  | 22.2  | 33.2  |       |
| 61      | 28.6  | 22.7  | 34.1  |       |





#75

1,1,2,2-Tetrachloroethane

Concen: 18.815 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

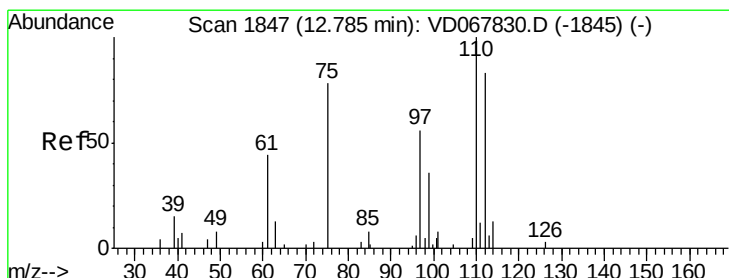
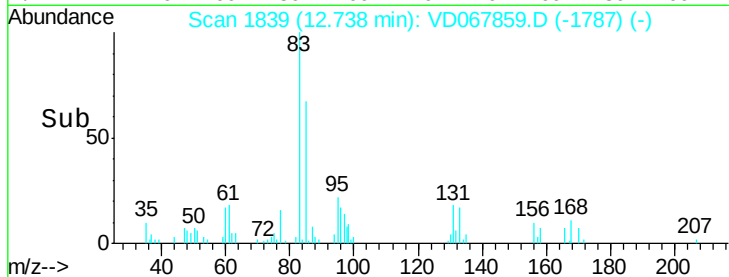
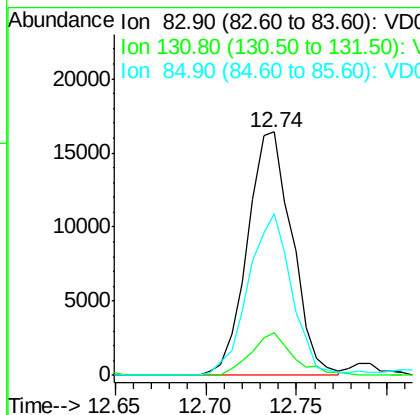
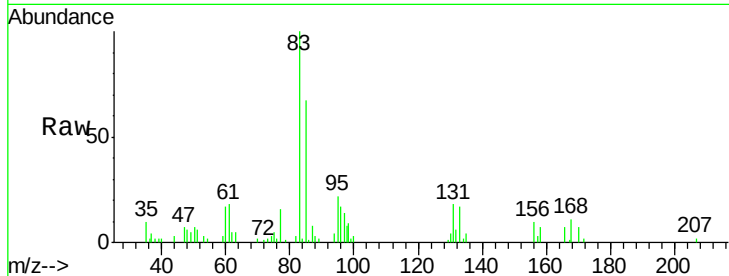
ClientSampleId :

VD1203SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 28123 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 16.6  | 8.0   | 24.0  |
| 85        | 65.5  | 31.7  | 95.1  |

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#76

1,2,3-Trichloropropane

Concen: 19.780 ug/l m

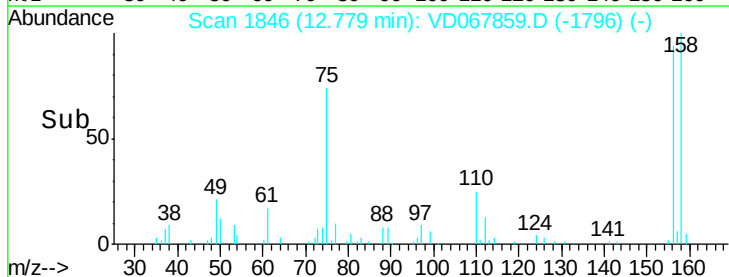
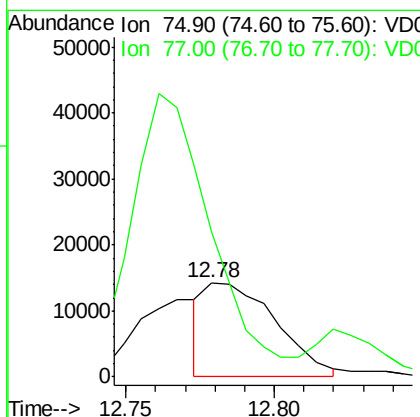
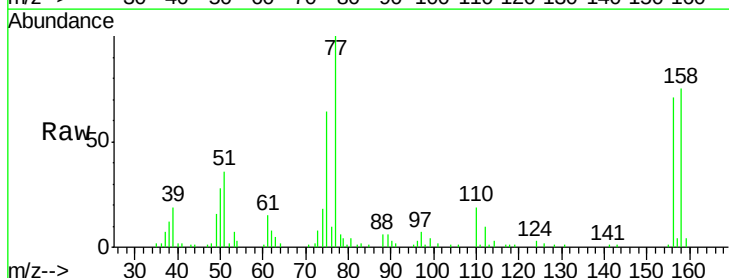
RT: 12.78 min Scan# 1846

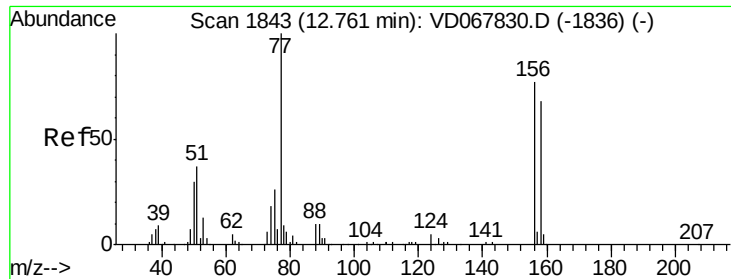
Delta R.T. -0.01 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 23714 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 343.0 | 175.9 | 527.7 |





#77

Bromobenzene

Concen: 20.097 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

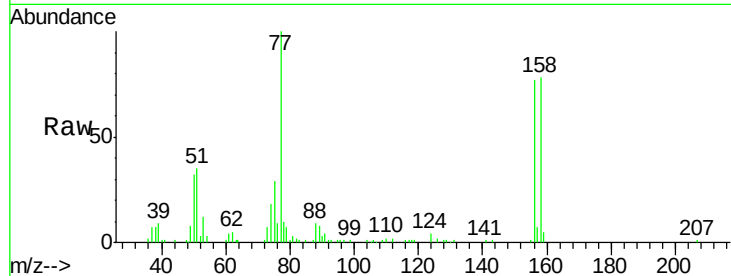
ClientSampleId :

VD1203SBS01

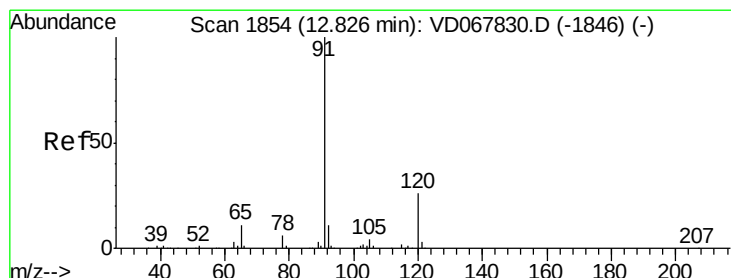
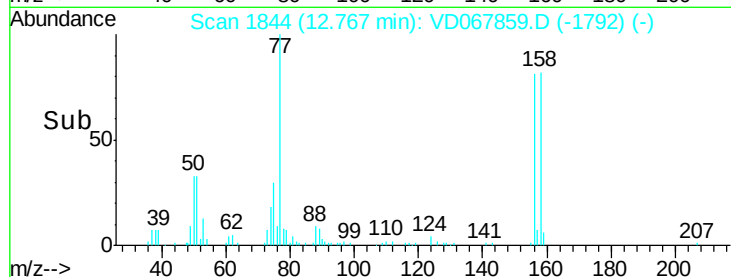
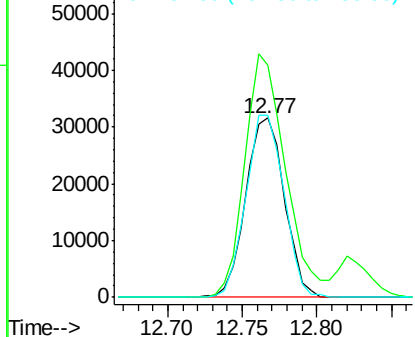
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 56565 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 143.8 | 71.5  | 214.5 |
| 158       | 99.6  | 47.1  | 141.4 |

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Abundance Ion 155.80 (155.50 to 156.50): V  
Ion 77.00 (76.70 to 77.70): VDC  
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.340 ug/l

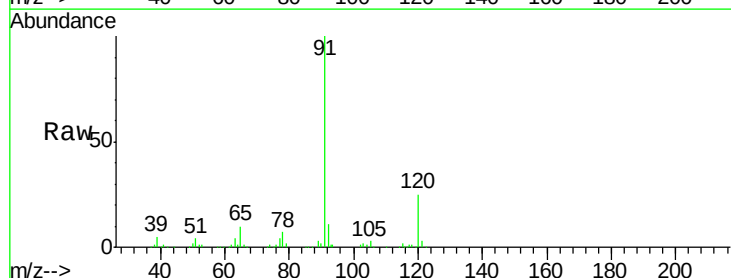
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

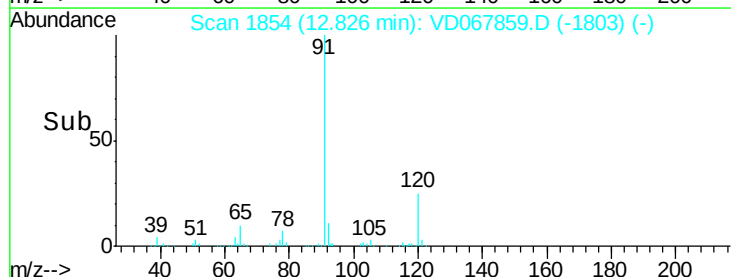
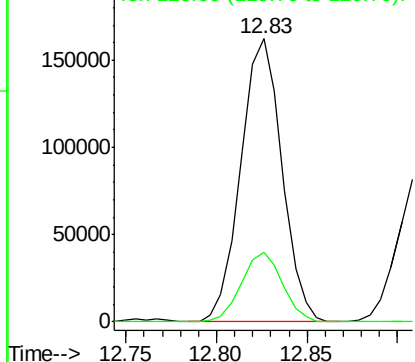
Lab File: VD067859.D

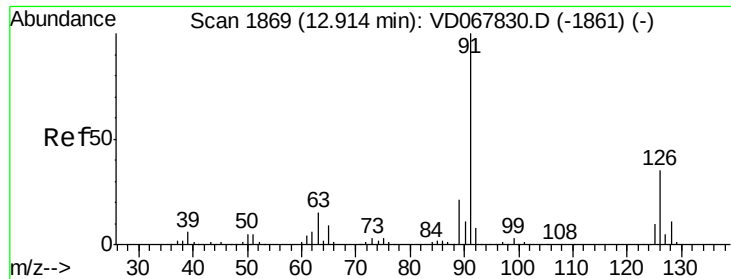
Acq: 03 Dec 2020 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 255232 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 24.5  | 12.7  | 38.0   |



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 120.00 (119.70 to 120.70): V





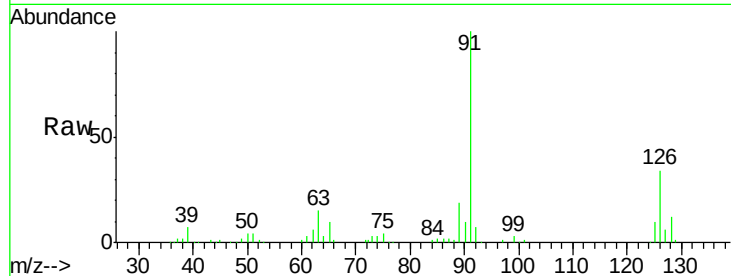
#79  
2-Chlorotoluene  
Concen: 19.669 ug/l  
RT: 12.91 min Scan# 1869  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

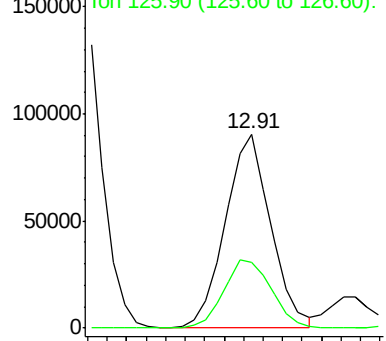
Tot Ion: 91 Resp: 145196  
Ion Ratio Lower Upper  
91 100  
126 36.8 17.9 53.7

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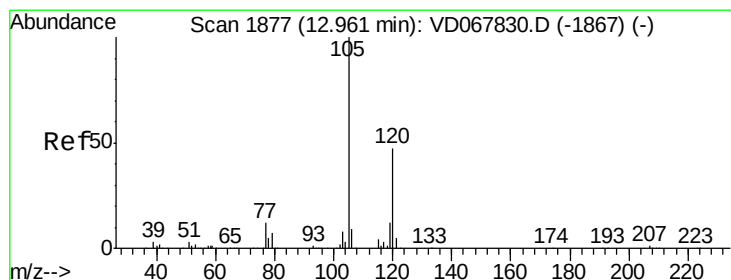
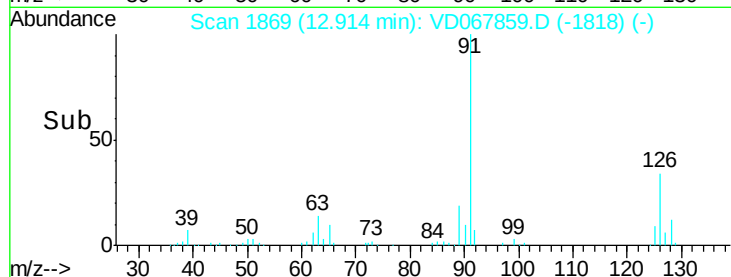
MMDadoda  
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Abundance Ion 91.00 (90.70 to 91.70): VD067830.D (-1861) (-)  
Ion 125.90 (125.60 to 126.60): VD067830.D (-1861) (-)

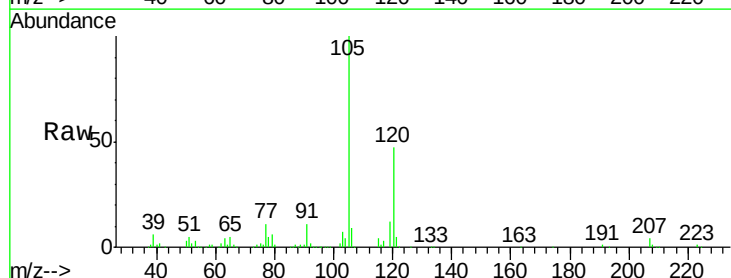


Time-->

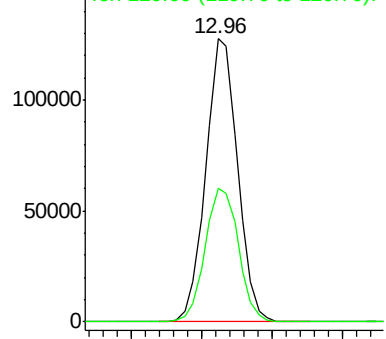


#80  
1,3,5-Trimethylbenzene  
Concen: 20.457 ug/l  
RT: 12.96 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

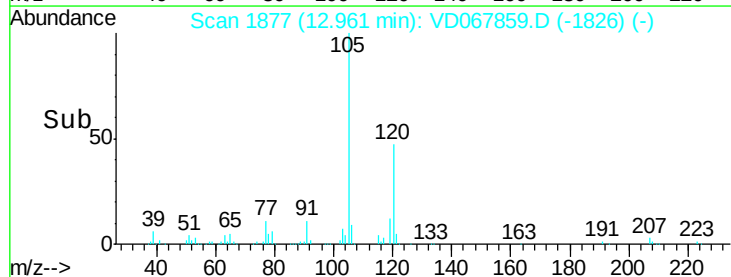
Tgt Ion: 105 Resp: 200526  
Ion Ratio Lower Upper  
105 100  
120 49.2 24.3 72.9

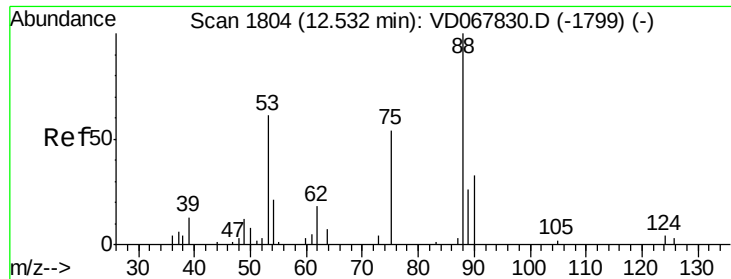


Abundance Ion 105.00 (104.70 to 105.70): VD067830.D (-1867) (-)  
Ion 120.00 (119.70 to 120.70): VD067830.D (-1867) (-)



Time-->





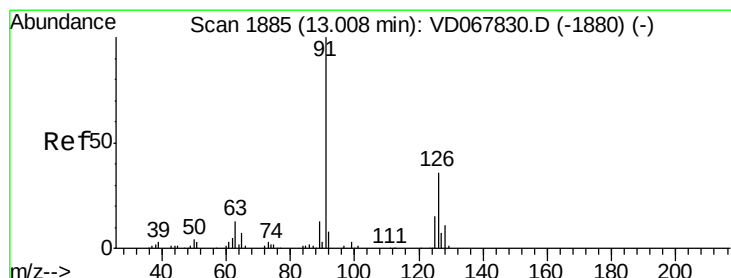
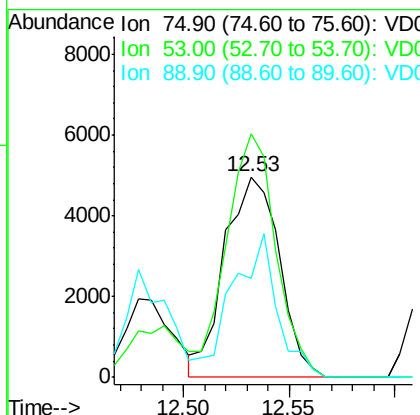
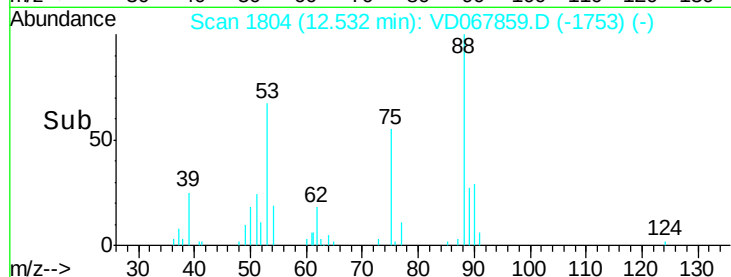
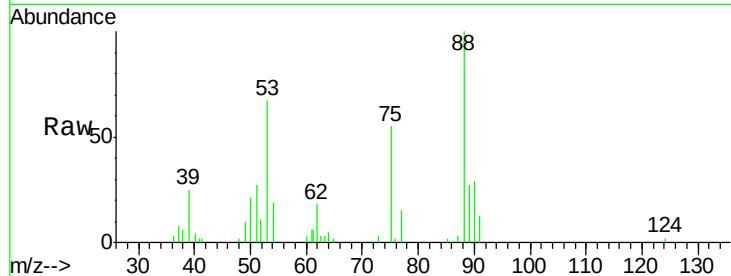
#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.839 ug/l  
RT: 12.53 min Scan# 1804  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 106.9 | 84.6  | 127.0 |
| 89      | 59.2  | 41.0  | 61.6  |

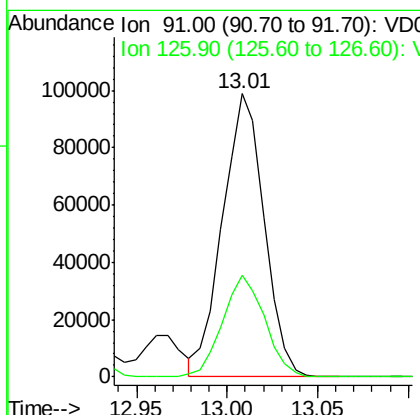
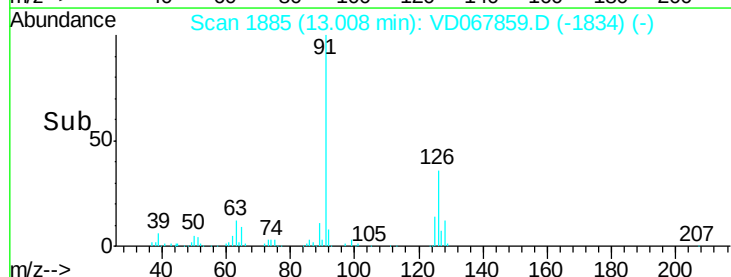
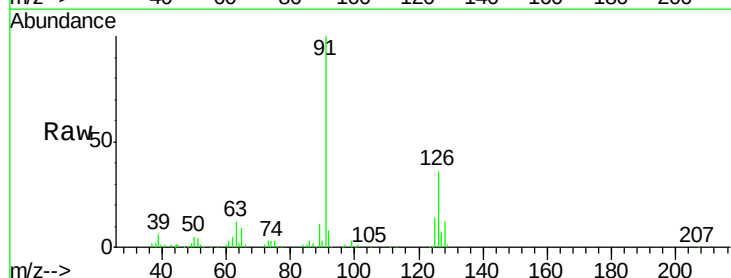
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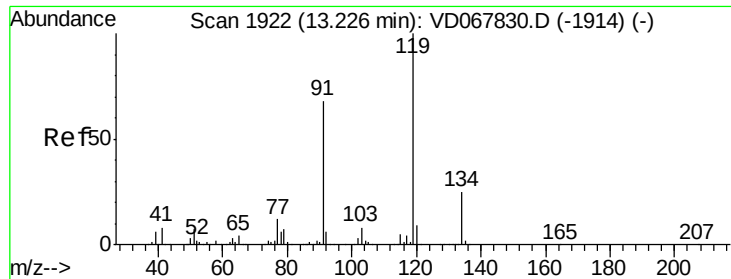
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 20.022 ug/l  
RT: 13.01 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 36.6  | 18.1  | 54.4  |





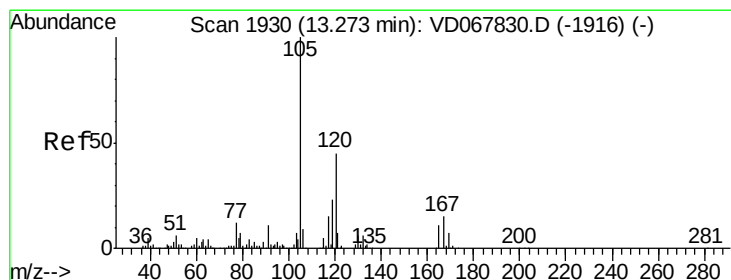
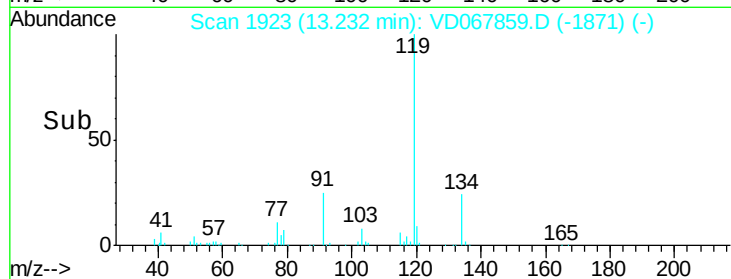
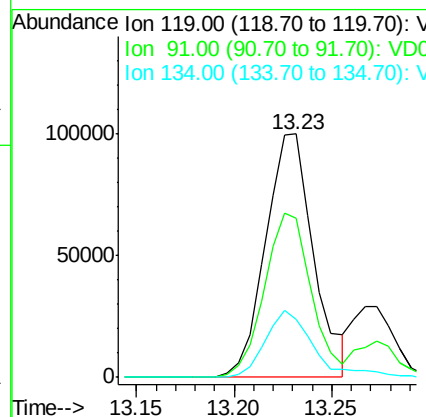
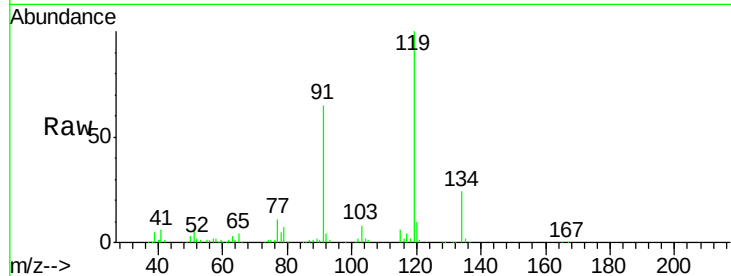
#83  
 tert-Butylbenzene  
 Concen: 20.432 ug/l  
 RT: 13.23 min Scan# 1923  
 Delta R.T. 0.01 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1203SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 170434 |       |       |
| 91      | 65.5  |        | 33.1  | 99.3  |
| 134     | 27.7  |        | 13.6  | 40.8  |

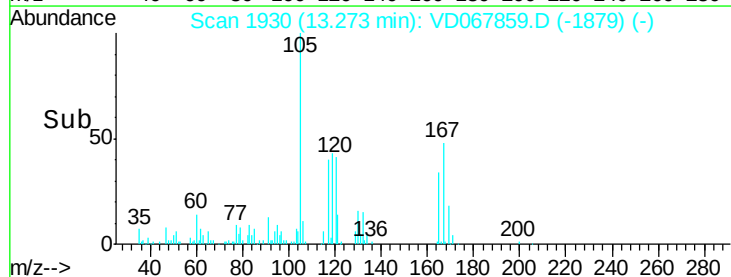
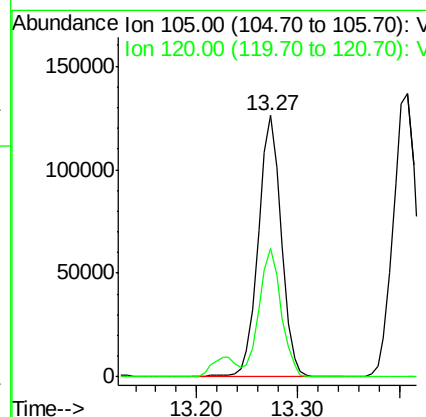
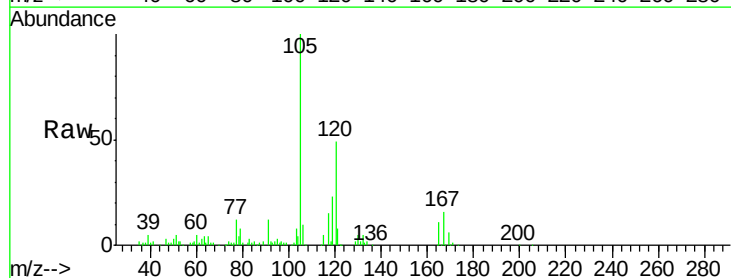
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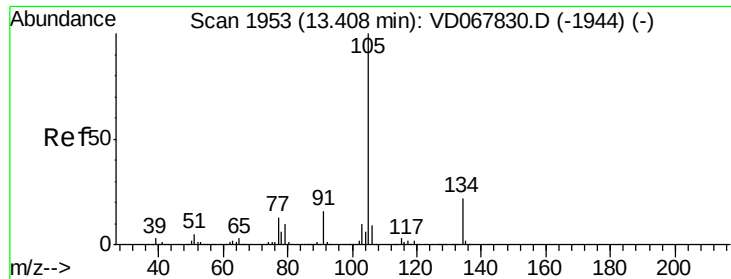
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.341 ug/l  
 RT: 13.27 min Scan# 1930  
 Delta R.T. 0.00 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 198272 |       |       |
| 120     | 47.3  |        | 22.1  | 66.5  |





#85

sec-Butylbenzene

Concen: 19.739 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

ClientSampleId :

VD1203SBS01

Tot Ion:105 Resp: 219760

Ion Ratio Lower Upper

105 100

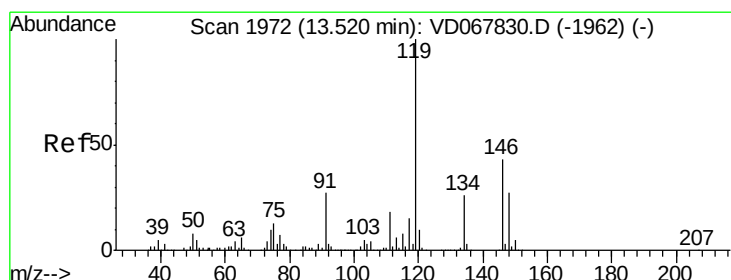
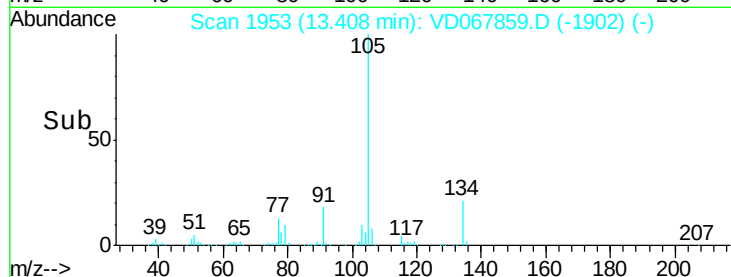
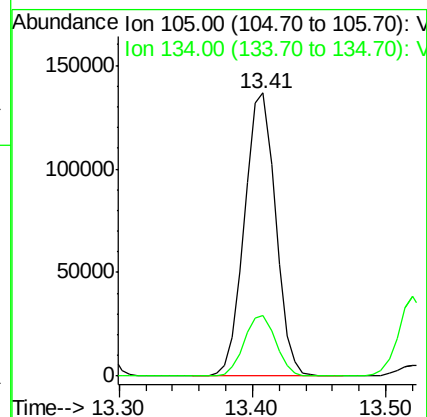
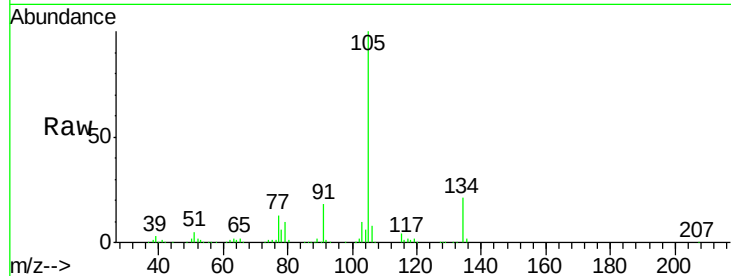
134 21.9 10.9 32.9

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#86

p-Isopropyltoluene

Concen: 20.119 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

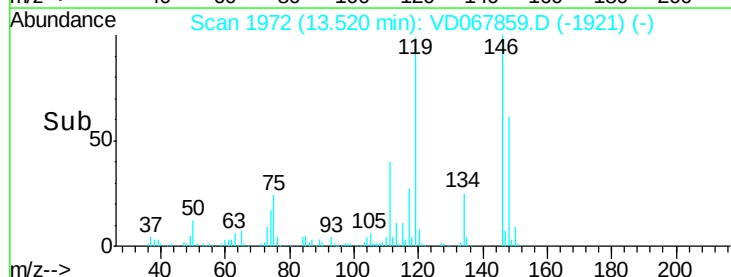
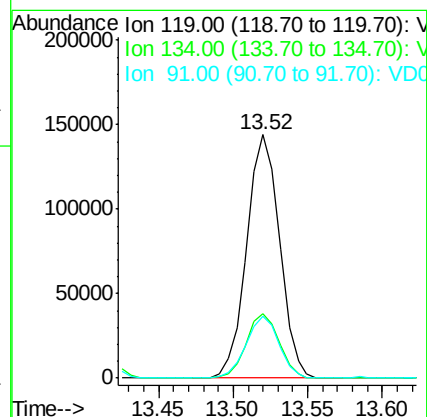
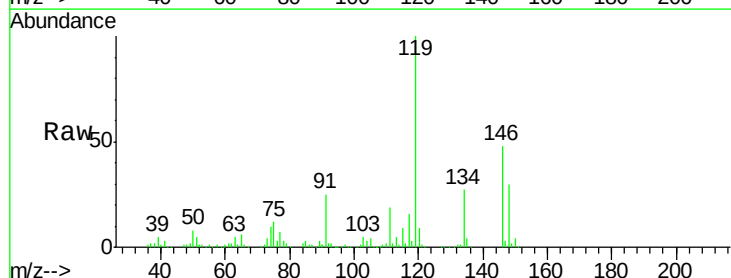
Tgt Ion:119 Resp: 219531

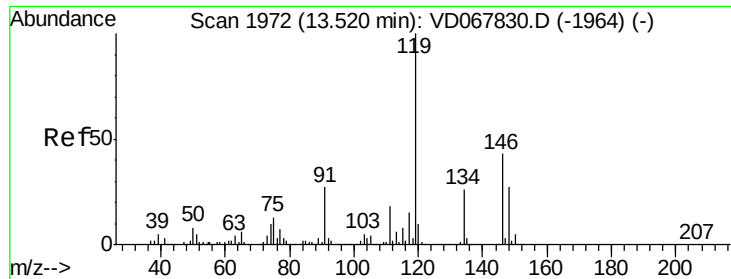
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 25.7 12.8 38.3





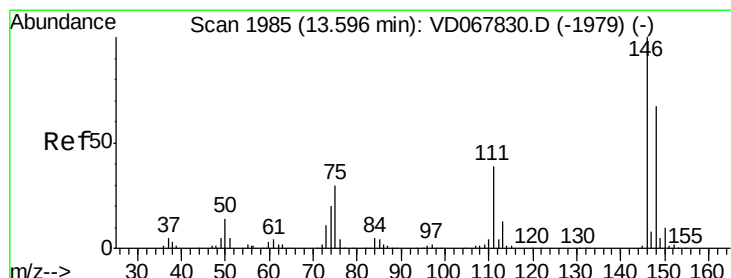
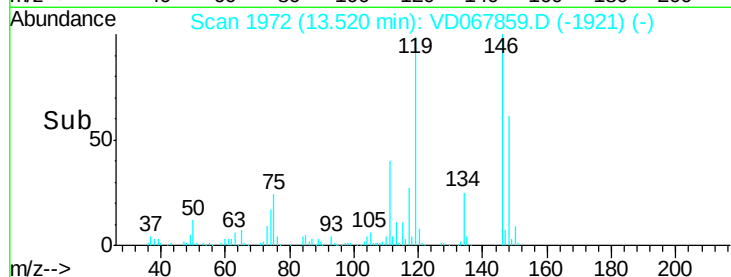
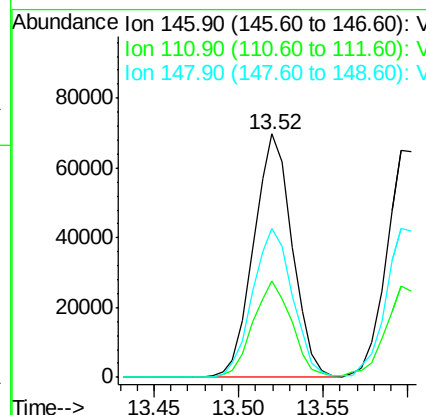
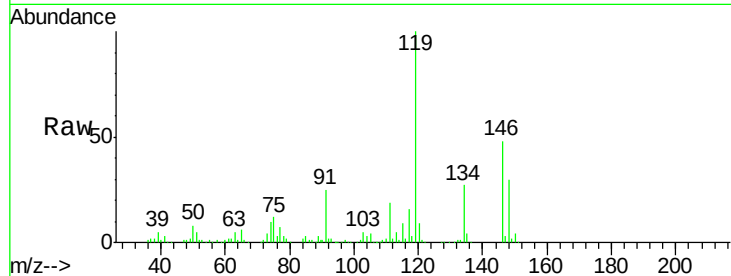
#87  
 1,3-Dichlorobenzene  
 Concen: 20.379 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. 0.00 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1203SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.7  | 20.8  | 62.2  |
| 148     | 63.5  | 32.9  | 98.6  |

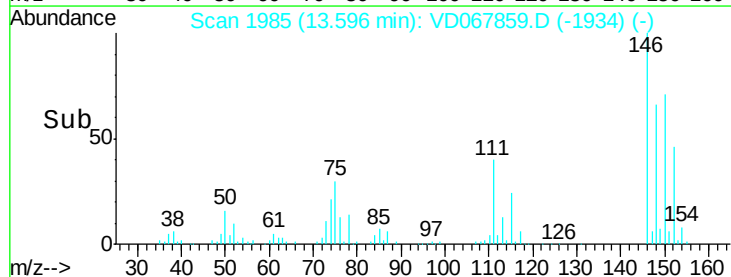
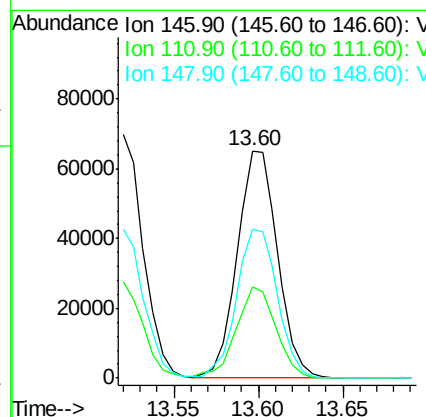
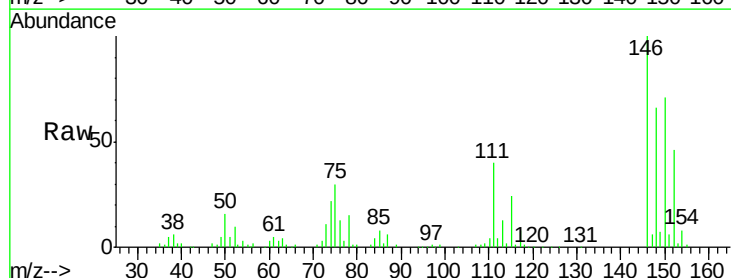
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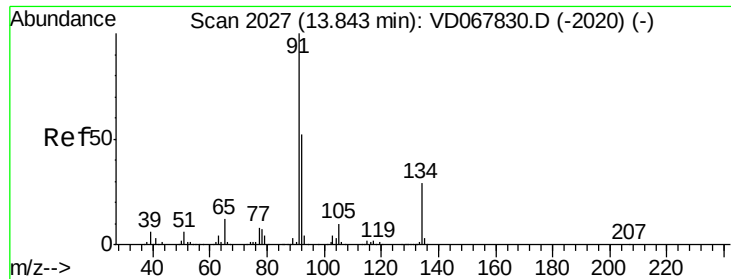


#88  
 1,4-Dichlorobenzene  
 Concen: 19.911 ug/l  
 RT: 13.60 min Scan# 1985  
 Delta R.T. 0.00 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.7  | 19.9  | 59.6  |
| 148     | 66.7  | 32.4  | 97.2  |







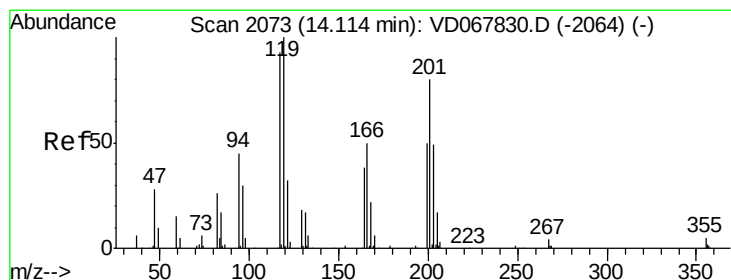
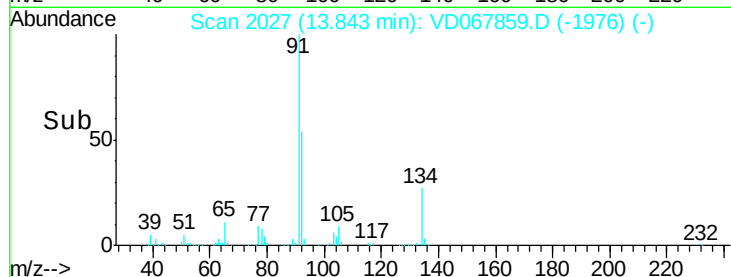
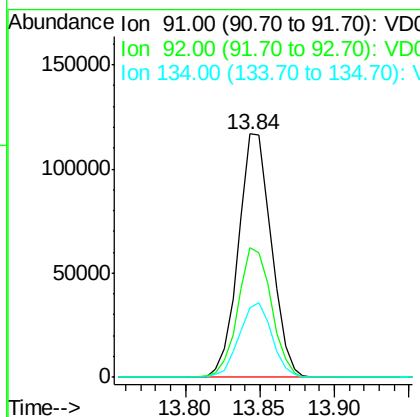
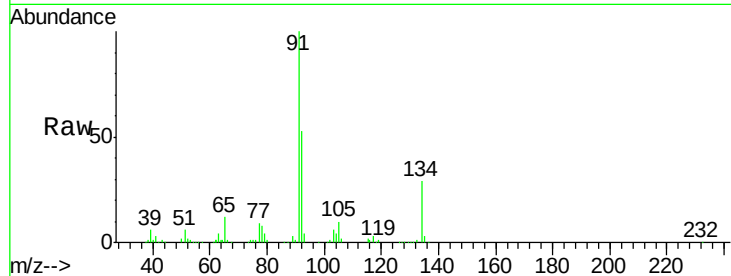
#89  
n-Butylbenzene  
Concen: 19.769 ug/l  
RT: 13.84 min Scan# 2027  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1203SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.8  | 26.3  | 78.8  |
| 134     | 30.5  | 14.8  | 44.3  |

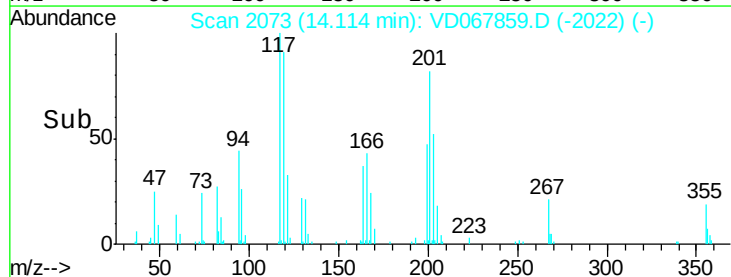
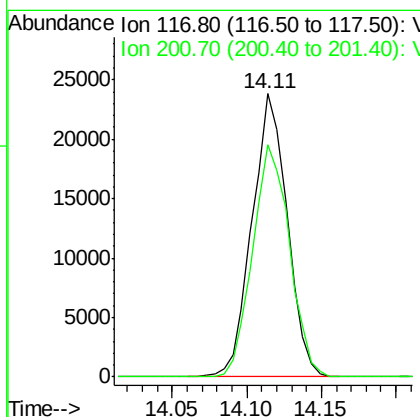
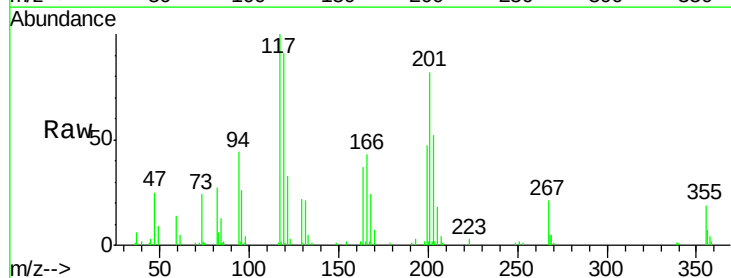
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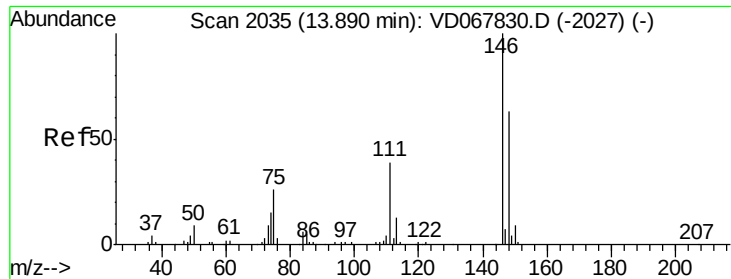
MMDadoda  
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#90  
Hexachloroethane  
Concen: 19.213 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. 0.00 min  
Lab File: VD067859.D  
Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 85.9  | 43.9  | 131.6 |





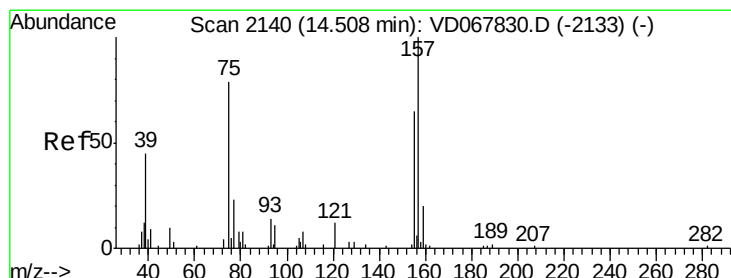
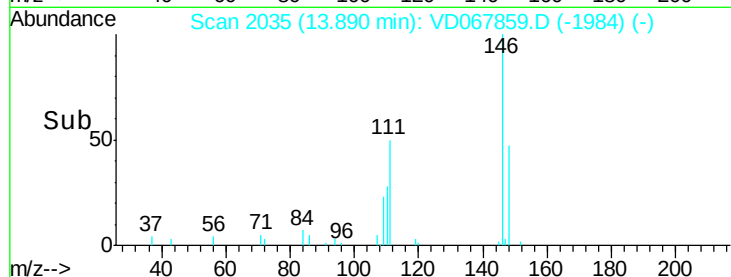
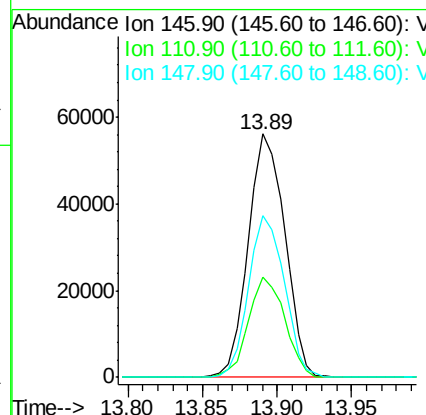
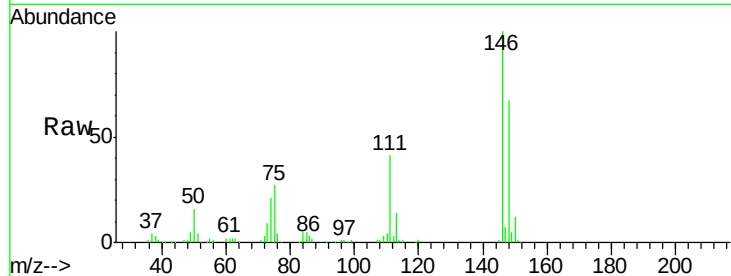
#91  
 1,2-Dichlorobenzene  
 Concen: 20.281 ug/l  
 RT: 13.89 min Scan# 2035  
 Delta R.T. 0.00 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1203SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.9  | 20.4  | 61.2  |
| 148     | 65.0  | 32.1  | 96.3  |

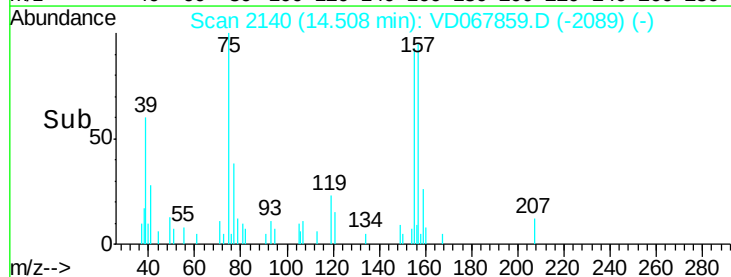
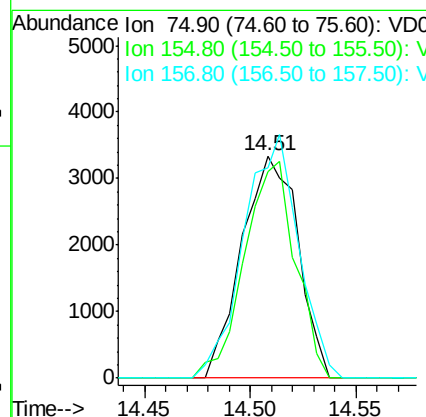
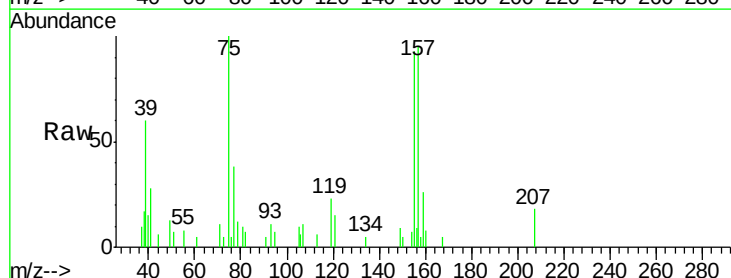
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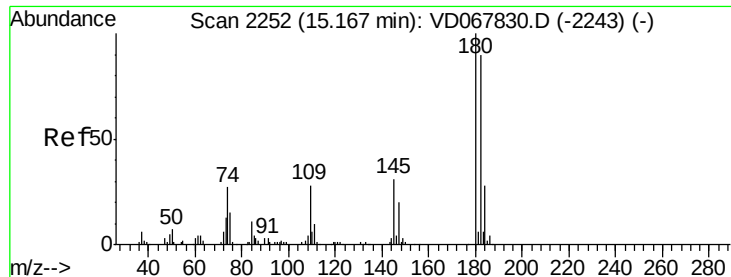
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.756 ug/l  
 RT: 14.51 min Scan# 2140  
 Delta R.T. 0.00 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 88.5  | 44.1  | 132.4 |
| 157     | 106.3 | 62.4  | 187.2 |





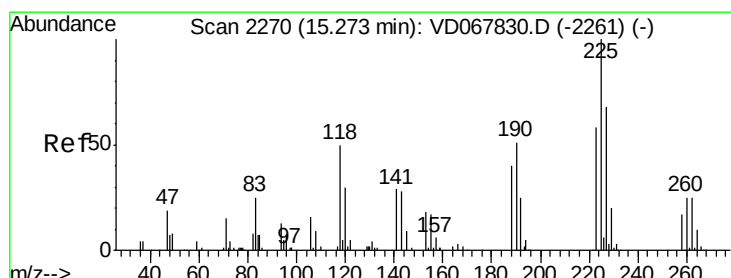
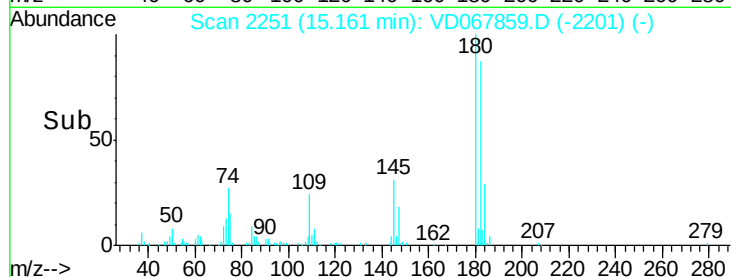
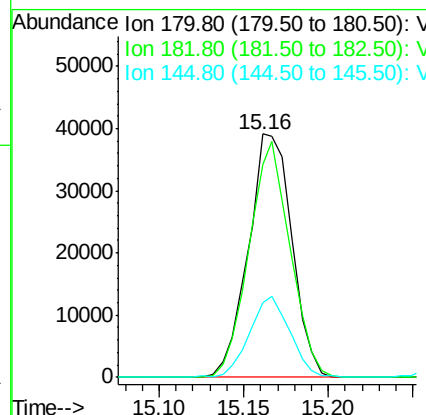
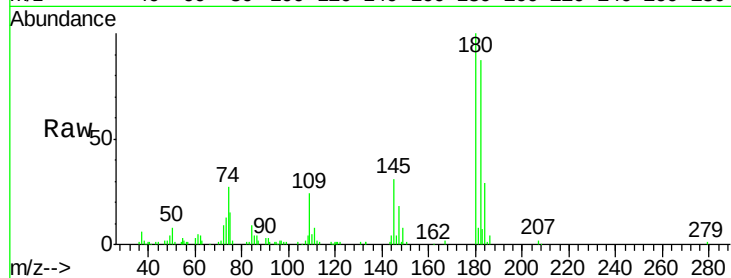
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.283 ug/l  
 RT: 15.16 min Scan# 2251  
 Delta R.T. -0.01 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD1203SBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 70106 |       |       |
| 182     | 91.9  |       | 47.5  | 142.6 |
| 145     | 31.2  |       | 16.4  | 49.4  |

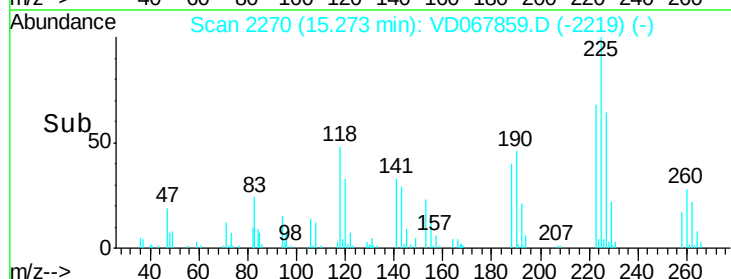
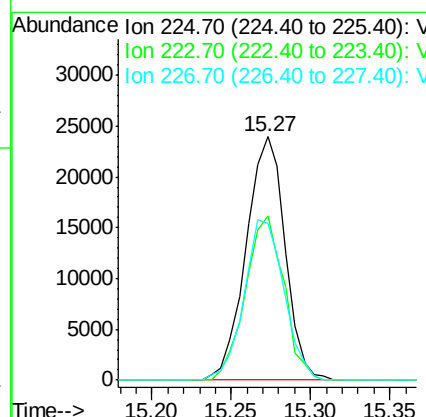
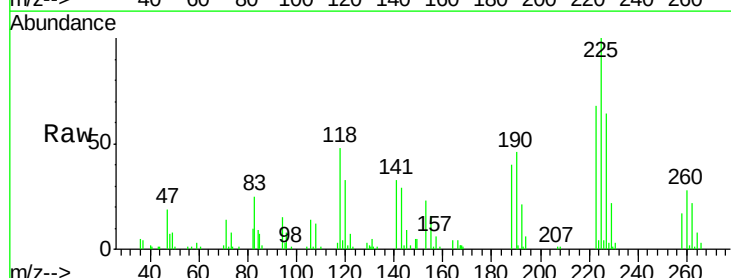
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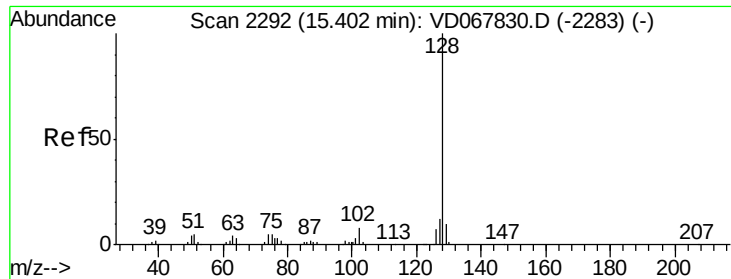
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#94  
 Hexachlorobutadiene  
 Concen: 19.066 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. 0.00 min  
 Lab File: VD067859.D  
 Acq: 03 Dec 2020 11:01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 40980 |       |       |
| 223     | 66.3  |       | 31.1  | 93.3  |
| 227     | 67.4  |       | 33.1  | 99.3  |





#95

Naphthalene

Concen: 20.274 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

Instrument :

MSVOA\_D

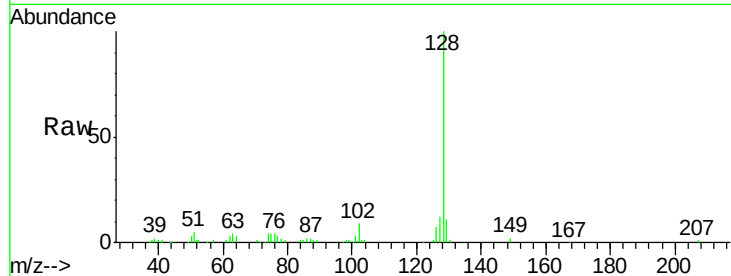
ClientSampleId :

VD1203SBS01

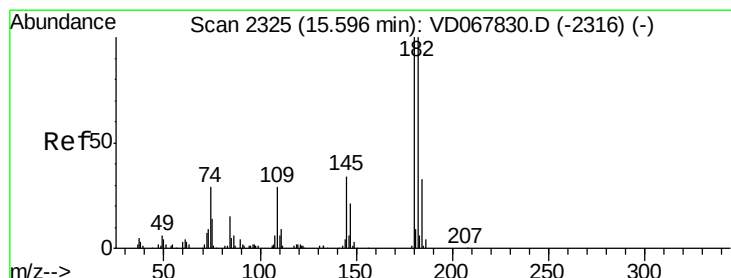
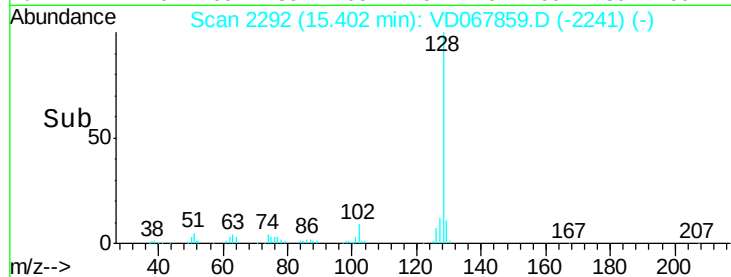
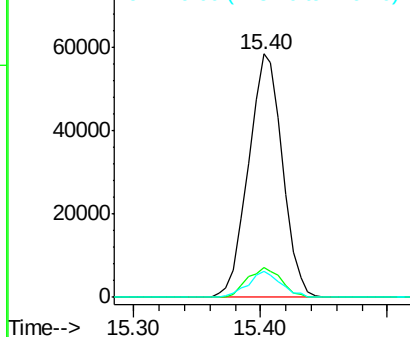
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 108669 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.3  | 10.6  | 15.8   |
| 129       | 10.4  | 9.0   | 13.6   |

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Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.068 ug/l

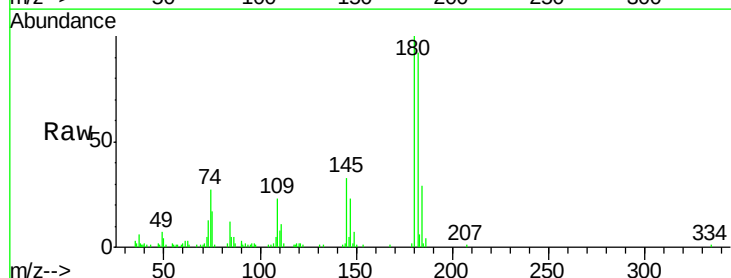
RT: 15.60 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VD067859.D

Acq: 03 Dec 2020 11:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 59931 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.5  | 47.3  | 142.0 |
| 145       | 33.0  | 16.8  | 50.4  |



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

