

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\  
 Data File : VD066375.D  
 Acq On : 24 Aug 2020 12:29  
 Operator : VA/SY  
 Sample : VD0824SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0824SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 8/25/2020 3:32:55 PM

Quant Time: Aug 25 03:32:47 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D082120S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 13:36:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.97  | 168  | 203801   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.86  | 114  | 283687   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 263131   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 140597   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 104937   | 52.52 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.04% |      |
| 35) Dibromofluoromethane  | 7.91   | 113 | 88651    | 49.97 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.94%  |      |
| 50) Toluene-d8            | 10.34  | 98  | 336400   | 51.83 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.66% |      |
| 62) 4-Bromofluorobenzene  | 12.63  | 95  | 120263   | 52.22 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.44% |      |

## Target Compounds

|                               |      |     |        |         | Qvalue |    |
|-------------------------------|------|-----|--------|---------|--------|----|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 34390  | 19.849  | ug/l   | 96 |
| 3) Chloromethane              | 2.21 | 50  | 22162  | 18.045  | ug/l   | 96 |
| 4) Vinyl Chloride             | 2.34 | 62  | 23553  | 17.862  | ug/l   | 91 |
| 5) Bromomethane               | 2.75 | 94  | 18578  | 18.836  | ug/l   | 86 |
| 6) Chloroethane               | 2.91 | 64  | 15520  | 18.381  | ug/l   | 93 |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 71218  | 19.862  | ug/l   | 97 |
| 8) Diethyl Ether              | 3.71 | 74  | 14879  | 18.520  | ug/l   | 92 |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 31171  | 17.615  | ug/l   | 93 |
| 10) Methyl Iodide             | 4.30 | 142 | 27878  | 13.813  | ug/l   | 95 |
| 11) Tert butyl alcohol        | 5.22 | 59  | 14852  | 104.040 | ug/l # | 71 |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 30132  | 18.140  | ug/l   | 87 |
| 13) Acrolein                  | 3.92 | 56  | 7561   | 85.217  | ug/l   | 90 |
| 14) Allyl chloride            | 4.71 | 41  | 37439  | 16.887  | ug/l   | 94 |
| 15) Acrylonitrile             | 5.42 | 53  | 27680  | 85.872  | ug/l   | 97 |
| 16) Acetone                   | 4.15 | 43  | 30482  | 84.621  | ug/l # | 83 |
| 17) Carbon Disulfide          | 4.41 | 76  | 81988  | 16.287  | ug/l   | 98 |
| 18) Methyl Acetate            | 4.71 | 43  | 11538  | 17.066  | ug/l # | 88 |
| 19) Methyl tert-butyl Ether   | 5.47 | 73  | 73740  | 18.437  | ug/l   | 98 |
| 20) Methylene Chloride        | 4.97 | 84  | 41148  | 17.226  | ug/l   | 94 |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 33513  | 17.332  | ug/l   | 97 |
| 22) Diisopropyl ether         | 6.36 | 45  | 75344  | 17.552  | ug/l   | 93 |
| 23) Vinyl Acetate             | 6.30 | 43  | 225529 | 84.870  | ug/l   | 99 |
| 24) 1,1-Dichloroethane        | 6.26 | 63  | 51370  | 16.935  | ug/l   | 96 |
| 25) 2-Butanone                | 7.21 | 43  | 35256  | 86.214  | ug/l   | 97 |
| 26) 2,2-Dichloropropane       | 7.20 | 77  | 61252  | 18.840  | ug/l   | 99 |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 37237  | 17.973  | ug/l   | 98 |
| 28) Bromochloromethane        | 7.54 | 49  | 18569  | 17.771  | ug/l   | 94 |
| 29) Tetrahydrofuran           | 7.56 | 42  | 19690  | 84.772  | ug/l   | 95 |
| 30) Chloroform                | 7.71 | 83  | 64831  | 18.472  | ug/l   | 99 |
| 31) Cyclohexane               | 7.97 | 56  | 44910  | 16.188  | ug/l   | 95 |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 67262  | 18.725  | ug/l   | 99 |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 47832  | 18.479  | ug/l   | 99 |
| 37) Ethyl Acetate             | 7.29 | 43  | 14751  | 16.755  | ug/l # | 90 |
| 38) Carbon Tetrachloride      | 8.09 | 117 | 66859  | 19.826  | ug/l   | 98 |

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0824SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 8/25/2020 3:32:55 PM

Quant Time: Aug 25 03:32:47 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D082120S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 13:36:12 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 55441    | 18.182  | ug/l   | 91       |
| 40) Benzene                    | 8.34  | 78   | 122560   | 17.999  | ug/l   | 96       |
| 41) Methacrylonitrile          | 7.54  | 41   | 9962m    | 18.349  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.42  | 62   | 46209    | 19.267  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.44  | 43   | 30341    | 17.171  | ug/l   | 97       |
| 44) Trichloroethene            | 9.11  | 130  | 41020    | 18.539  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.38  | 63   | 28323    | 18.347  | ug/l   | 94       |
| 46) Dibromomethane             | 9.47  | 93   | 18153    | 18.887  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.66  | 83   | 50483    | 19.099  | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.45  | 41   | 15781    | 17.319  | ug/l   | 89       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 4134     | 370.410 | ug/l # | 51       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 75044    | 87.789  | ug/l   | 98       |
| 52) Toluene                    | 10.40 | 92   | 87538    | 18.975  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 46135    | 18.394  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 50630    | 17.984  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 23055    | 17.718  | ug/l # | 88       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 26881    | 17.846  | ug/l # | 92       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 38481    | 17.879  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 62712    | 100.243 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.98 | 43   | 52467    | 87.015  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 36609    | 18.665  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 23164    | 18.090  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 37854    | 18.964  | ug/l   | 95       |
| 65) Chlorobenzene              | 11.67 | 112  | 97669    | 18.657  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 40827    | 19.084  | ug/l   | 96       |
| 67) Ethyl Benzene              | 11.74 | 91   | 171613   | 18.623  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.85 | 106  | 132514   | 37.728  | ug/l   | 98       |
| 69) o-Xylene                   | 12.18 | 106  | 59670    | 18.262  | ug/l   | 98       |
| 70) Styrene                    | 12.20 | 104  | 106452   | 18.974  | ug/l   | 100      |
| 71) Bromoform                  | 12.36 | 173  | 22629    | 18.644  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 173631   | 18.435  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.28 | 43   | 29482    | 17.331  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 23437    | 17.419  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 20779m   | 21.008  | ug/l   |          |
| 77) Bromobenzene               | 12.76 | 156  | 43447    | 18.175  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.82 | 91   | 202813   | 18.780  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 113385   | 18.383  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 147829   | 18.179  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 8104     | 17.392  | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 121061   | 18.526  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 134714   | 19.072  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 149989   | 18.778  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.40 | 105  | 173338   | 18.730  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 169968   | 19.047  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 83905    | 18.803  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 82495    | 18.412  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.84 | 91   | 140420   | 17.832  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.11 | 117  | 30767    | 17.454  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 71737    | 18.674  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 5073     | 17.977  | ug/l   | 99       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082420\  
Data File : VD066375.D  
Acq On : 24 Aug 2020 12:29  
Operator : VA/SY  
Sample : VD0824SBSD01  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBSD01

Manual Integrations  
APPROVED

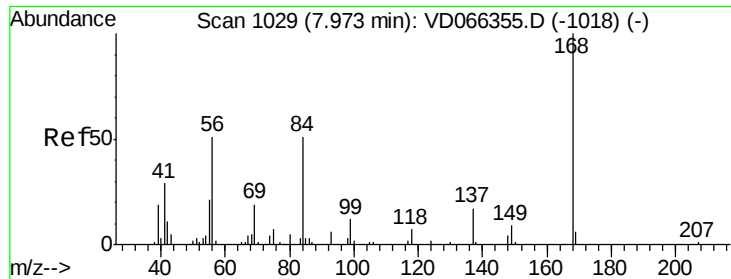
MMDadoda  
8/25/2020 3:32:55 PM

Quant Time: Aug 25 03:32:47 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D082120S.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 21 13:36:12 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 53581    | 17.866 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 35706    | 19.159 | ug/l  | 97       |
| 95) Naphthalene            | 15.40 | 128  | 83498    | 17.727 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 47495    | 18.487 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0824SBS01

Tot Ion:168 Resp: 203801

Ion Ratio Lower Upper

168 100

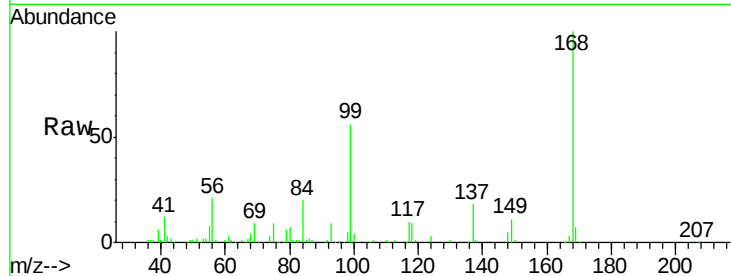
99 55.7 45.4 68.0

Manual Integrations

APPROVED

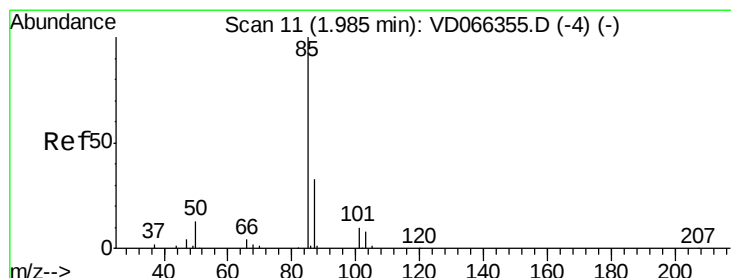
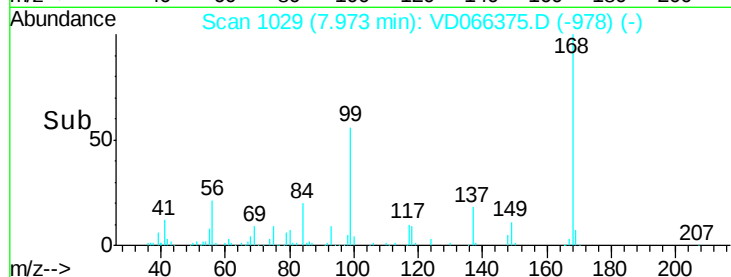
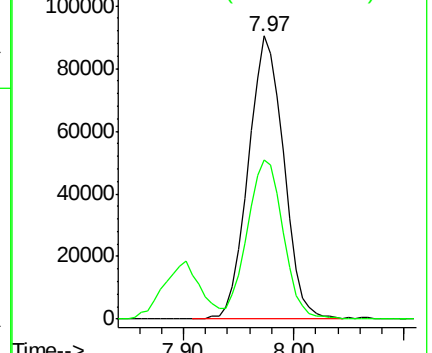
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 19.849 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066375.D

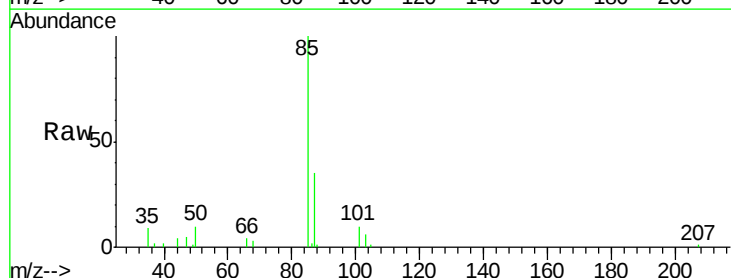
Acq: 24 Aug 2020 12:29

Tgt Ion: 85 Resp: 34390

Ion Ratio Lower Upper

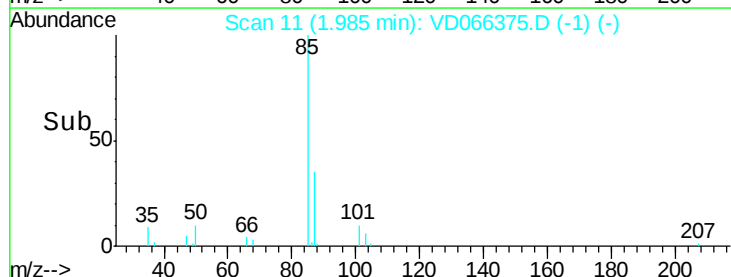
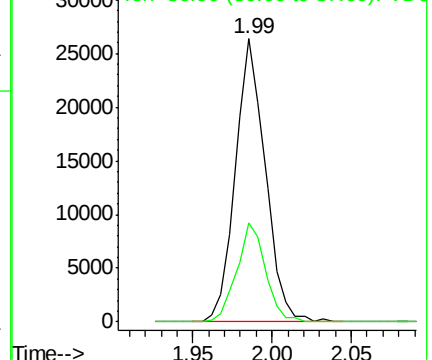
85 100

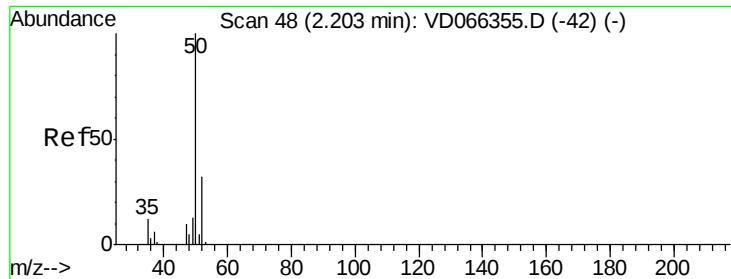
87 35.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.045 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0824SBS01

Tot Ion: 50 Resp: 22162

Ion Ratio Lower Upper

50 100

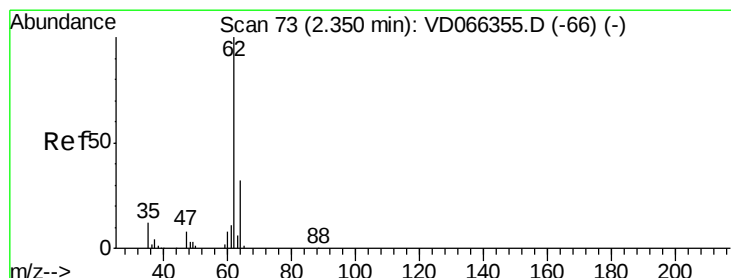
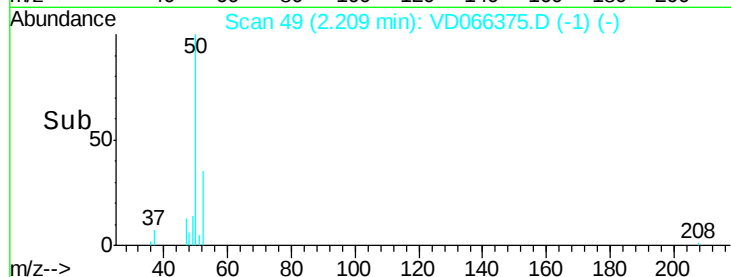
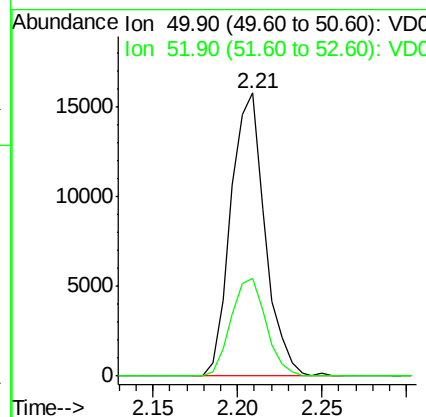
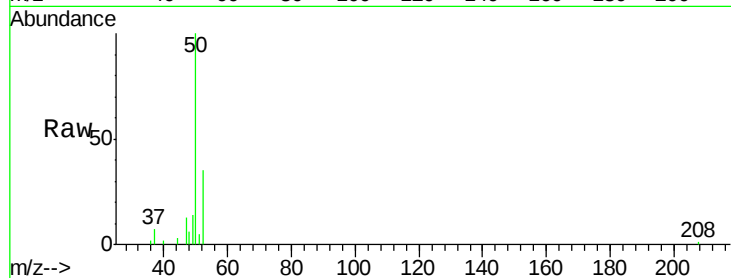
52 34.5 25.7 38.5

Manual Integrations

APPROVED

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8/25/2020 3:32:55 PM



#4

Vinyl Chloride

Concen: 17.862 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066375.D

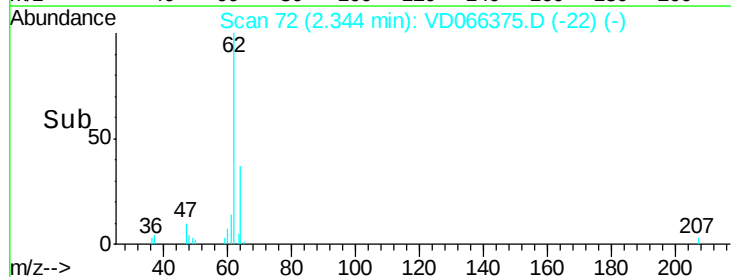
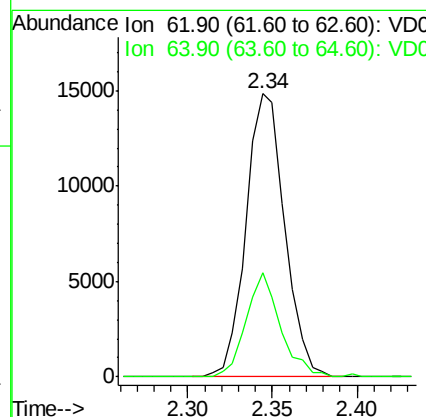
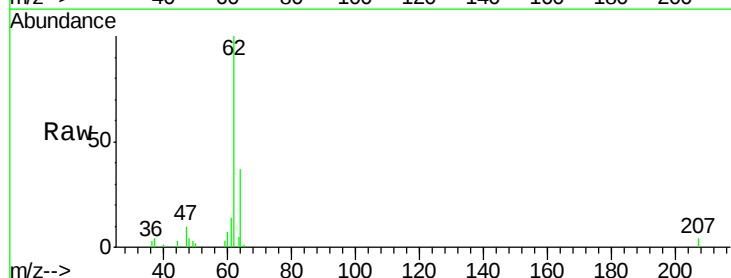
Acq: 24 Aug 2020 12:29

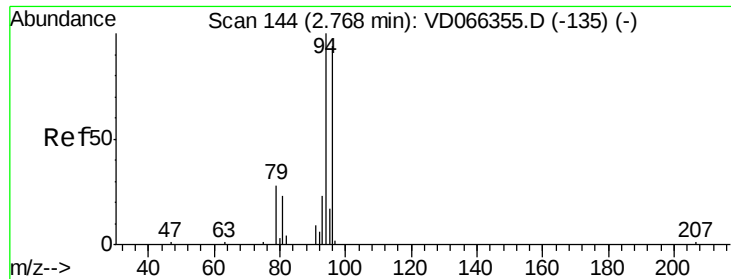
Tgt Ion: 62 Resp: 23553

Ion Ratio Lower Upper

62 100

64 36.9 25.4 38.2





#5

Bromomethane

Concen: 18.836 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0824SBSD01

Tot Ion: 94 Resp: 18578

Ion Ratio Lower Upper

94 100

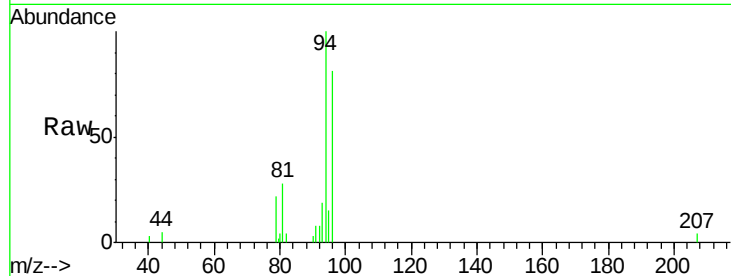
96 80.6 75.0 112.4

Manual Integrations

APPROVED

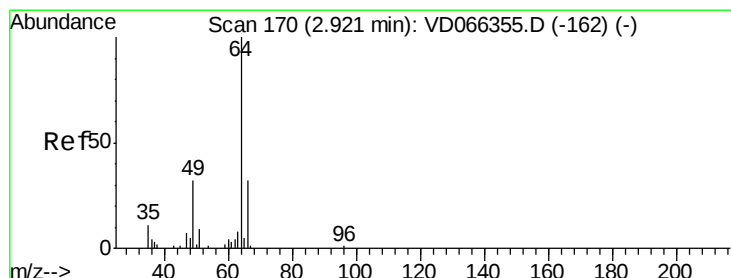
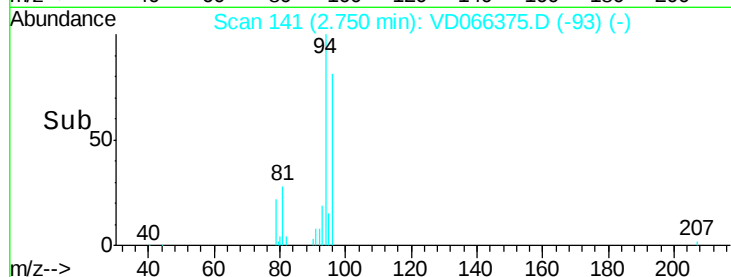
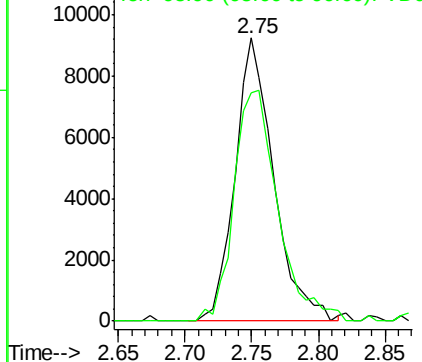
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 18.381 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066375.D

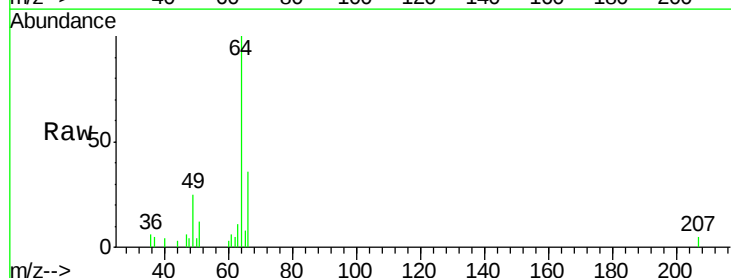
Acq: 24 Aug 2020 12:29

Tgt Ion: 64 Resp: 15520

Ion Ratio Lower Upper

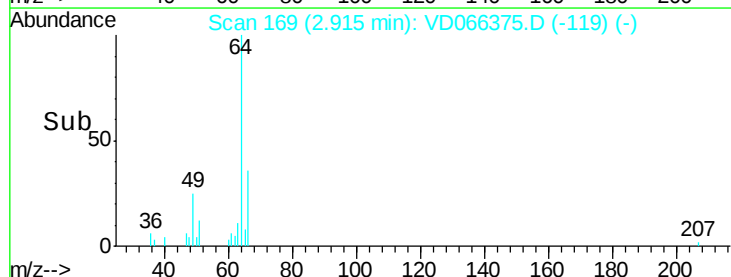
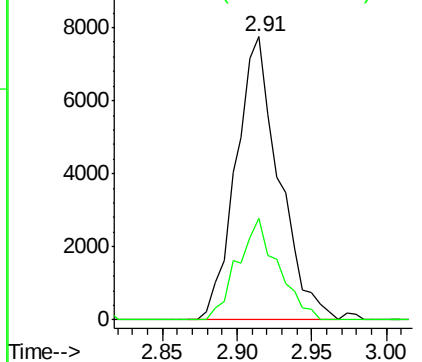
64 100

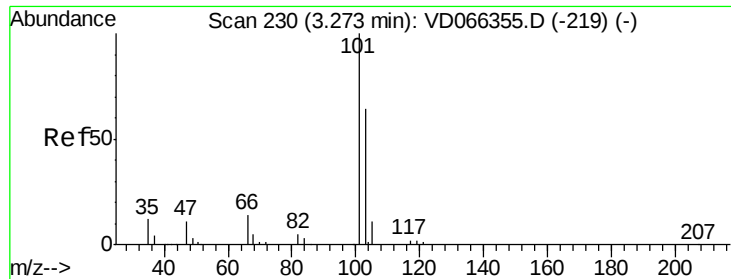
66 36.1 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

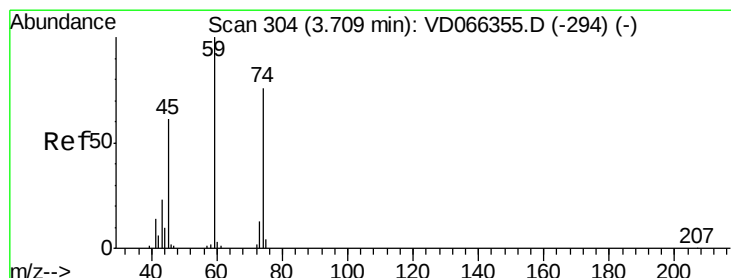
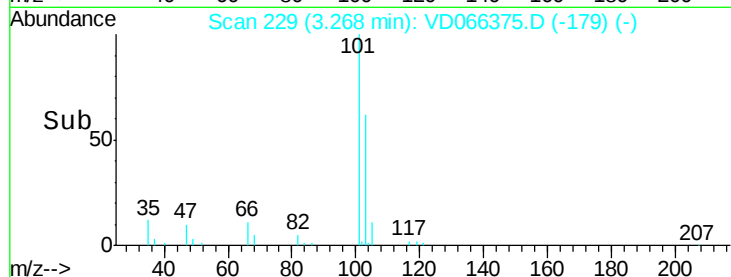
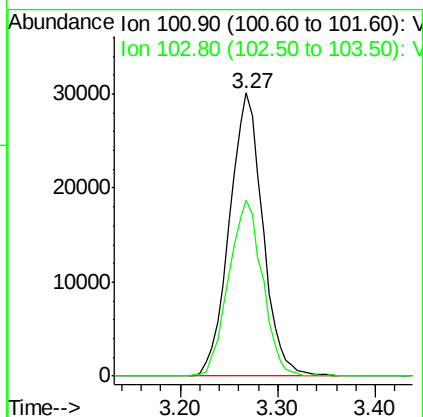
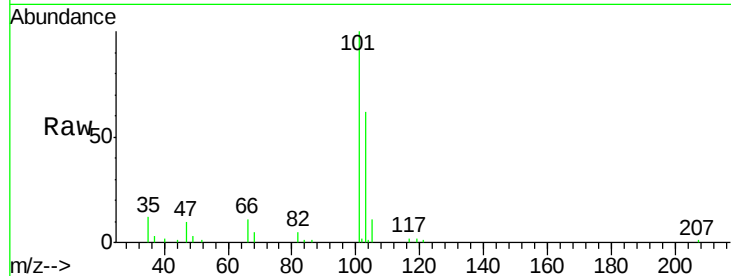
Trichlorofluoromethane  
Concen: 19.862 ug/l  
RT: 3.27 min Scan# 229  
Delta R.T. -0.01 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.2  | 51.4  | 77.0  |

Manual Integrations  
APPROVED

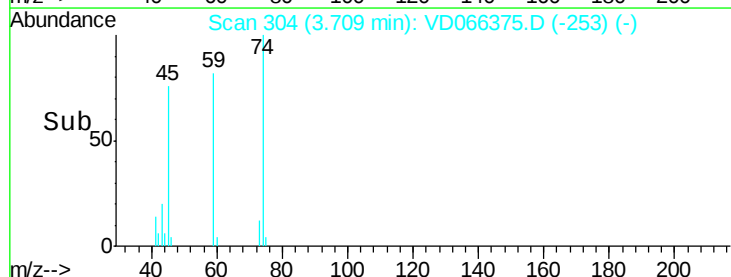
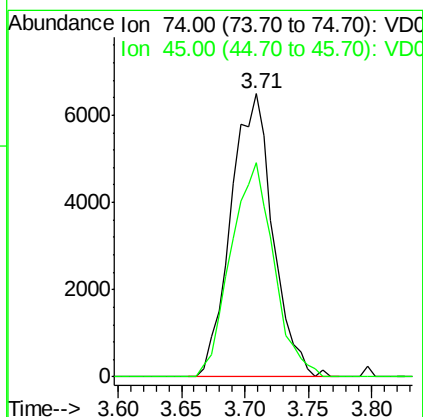
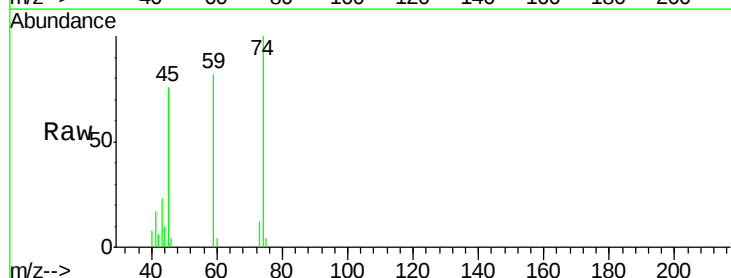
MMDadoda  
8/25/2020 3:32:55 PM

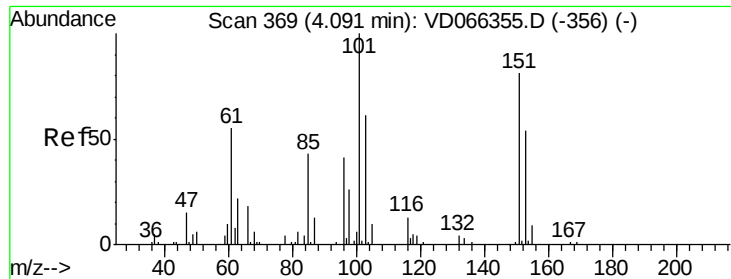


#8

Diethyl Ether  
Concen: 18.520 ug/l  
RT: 3.71 min Scan# 304  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 77.8  | 42.8  | 128.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.615 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

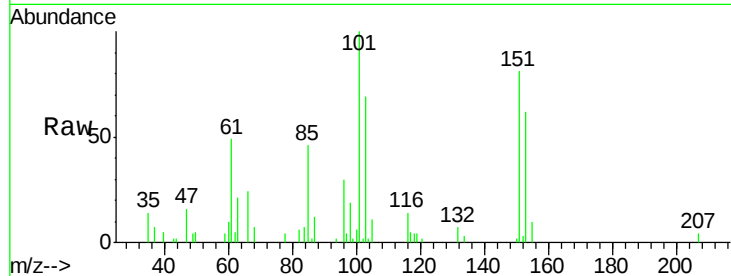
ClientSampleId :

VD0824SBSD01

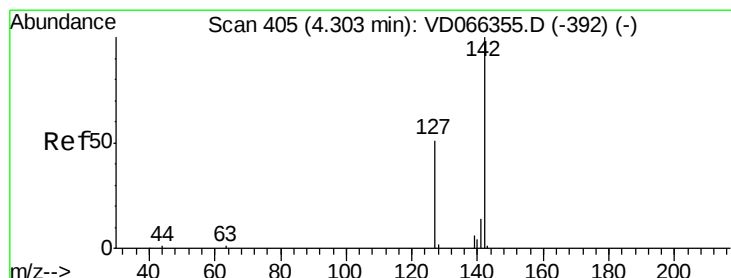
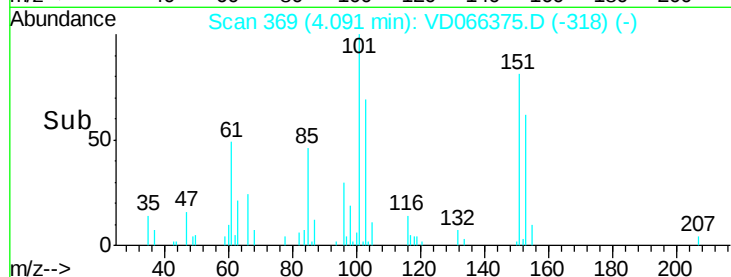
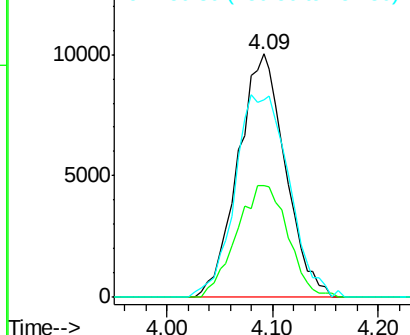
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 31171 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 49.8  | 36.4  | 54.6  |
| 151       | 94.8  | 70.5  | 105.7 |

Manual Integrations  
APPROVED

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8/25/2020 3:32:55 PM



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



#10

Methyl Iodide

Concen: 13.813 ug/l

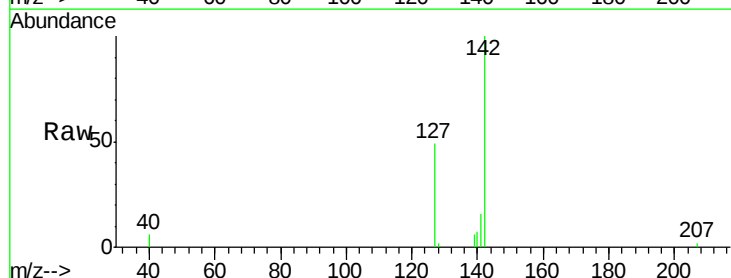
RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

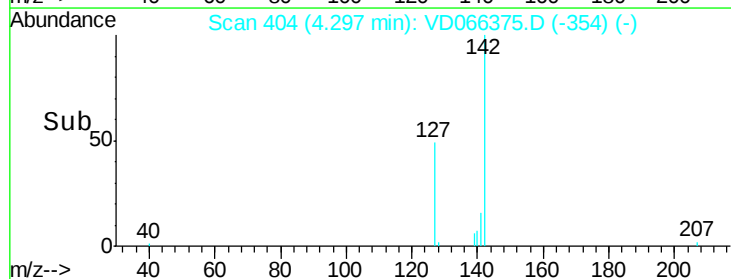
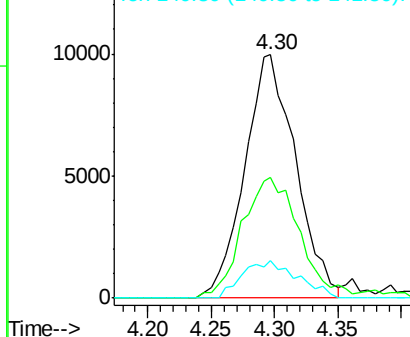
Lab File: VD066375.D

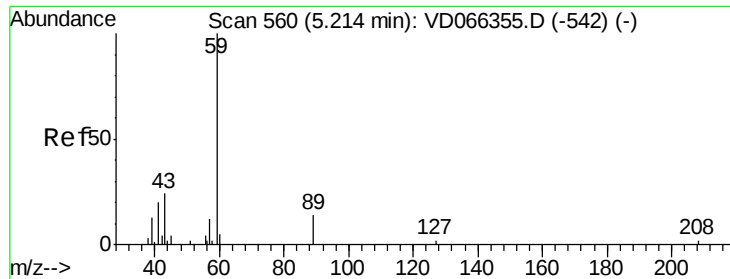
Acq: 24 Aug 2020 12:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 27878 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 55.5  | 41.8  | 62.8  |
| 141       | 16.6  | 11.8  | 17.6  |



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





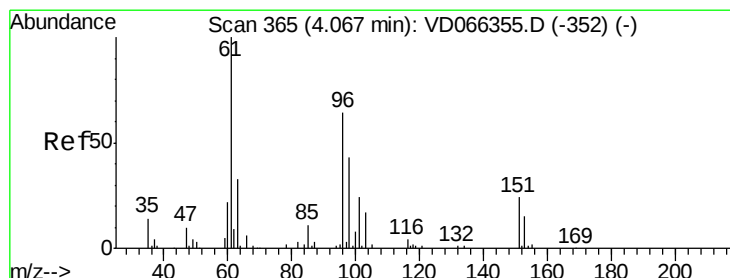
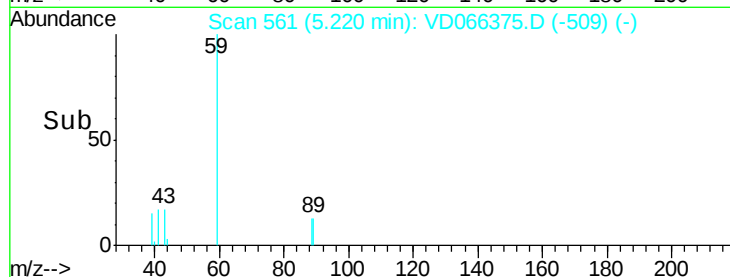
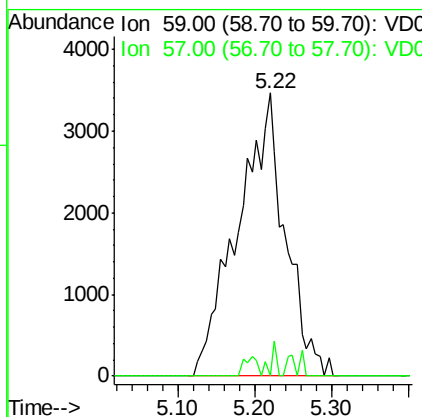
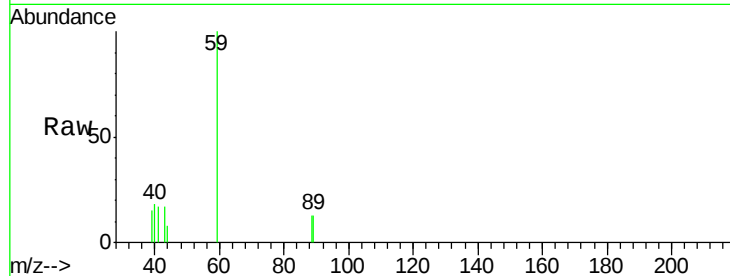
#11  
Tert butyl alcohol  
Concen: 104.040 ug/l  
RT: 5.22 min Scan# 561  
Delta R.T. 0.01 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 0.0   | 9.0   | 13.4# |

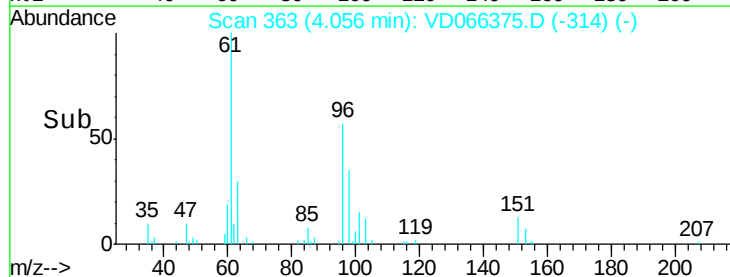
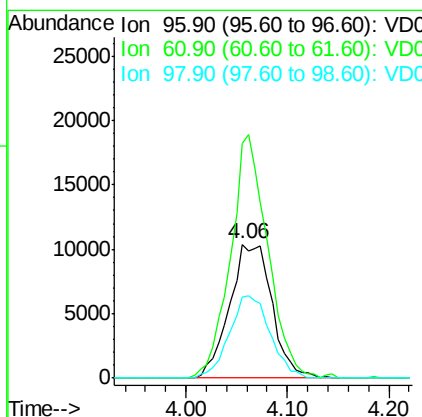
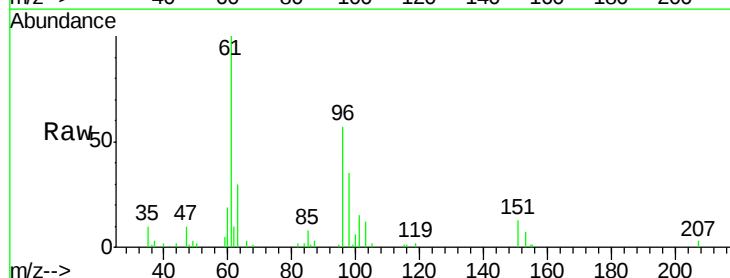
Manual Integrations  
APPROVED

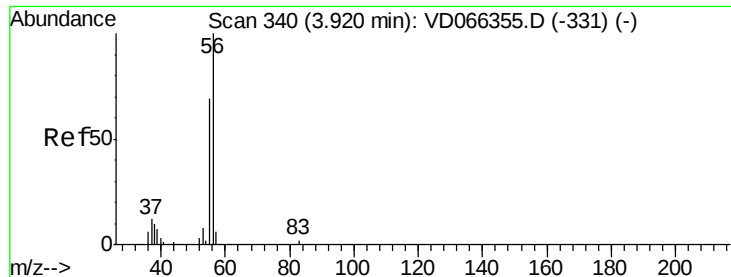
MMDadoda  
8/25/2020 3:32:55 PM



#12  
1,1-Dichloroethene  
Concen: 18.140 ug/l  
RT: 4.06 min Scan# 363  
Delta R.T. -0.01 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 174.7 | 124.3 | 186.5 |
| 98      | 60.7  | 53.2  | 79.8  |





#13

Acrolein

Concen: 85.217 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0824SBS01

Tot Ion: 56 Resp: 7561

Ion Ratio Lower Upper

56 100

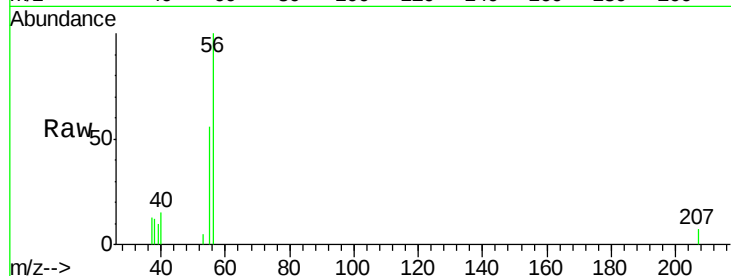
55 77.5 55.5 83.3

Manual Integrations

APPROVED

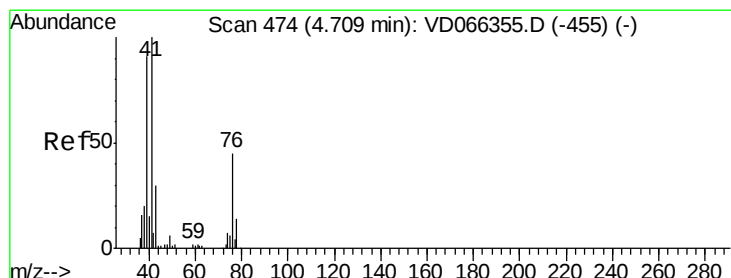
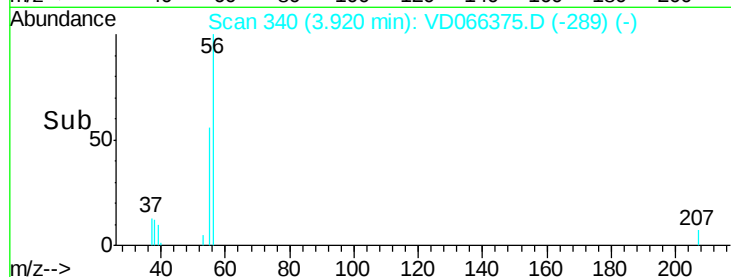
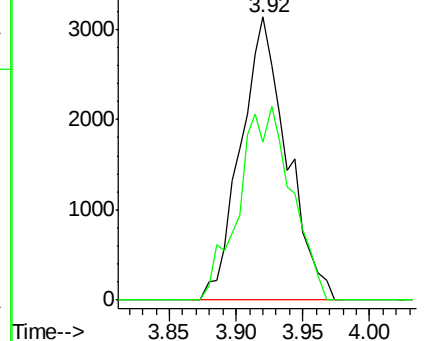
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 16.887 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

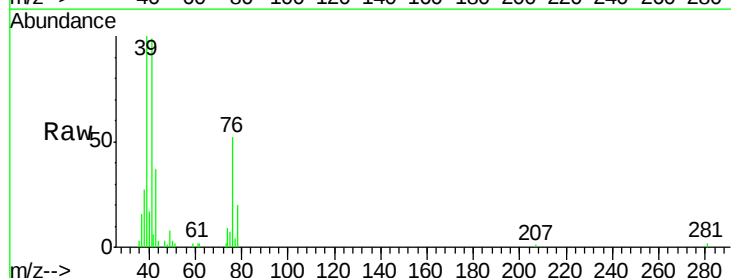
Tgt Ion: 41 Resp: 37439

Ion Ratio Lower Upper

41 100

39 94.2 72.8 109.2

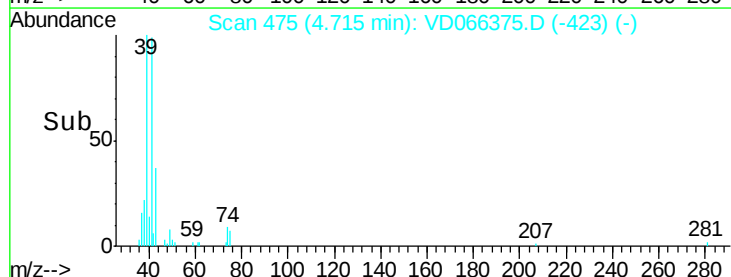
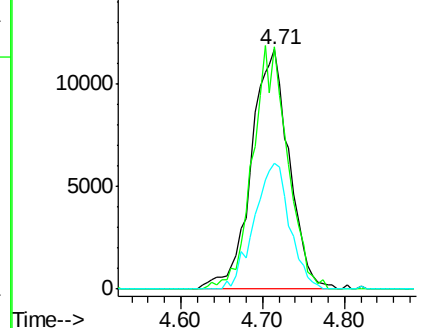
76 49.2 34.0 51.0

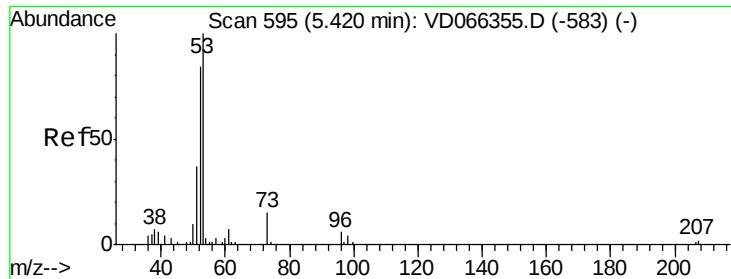


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 85.872 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

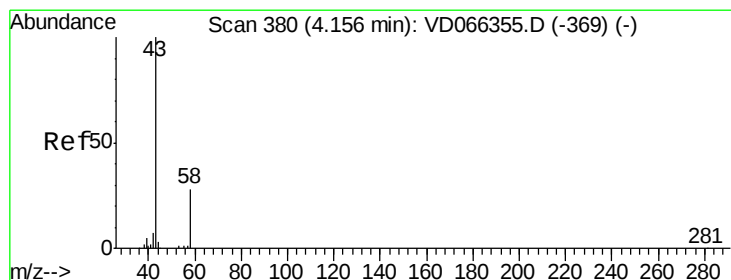
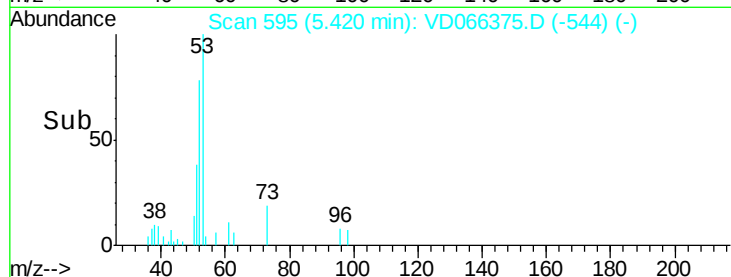
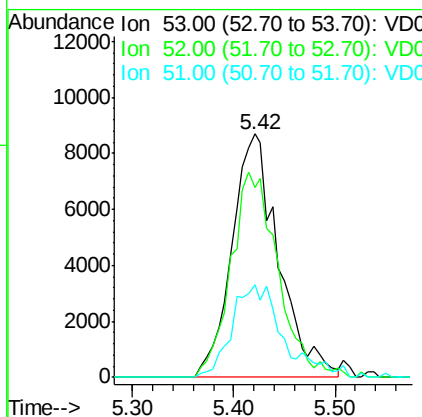
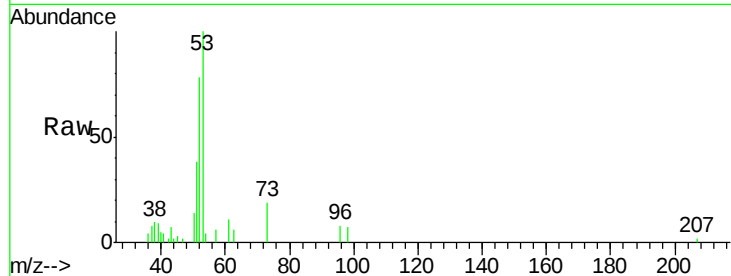
ClientSampleId :

VD0824SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 27680 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 85.1  | 68.1  | 102.1 |
| 51       | 36.8  | 33.8  | 50.6  |

Manual Integrations  
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#16

Acetone

Concen: 84.621 ug/l

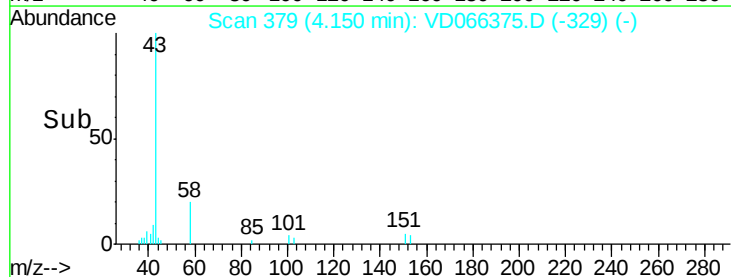
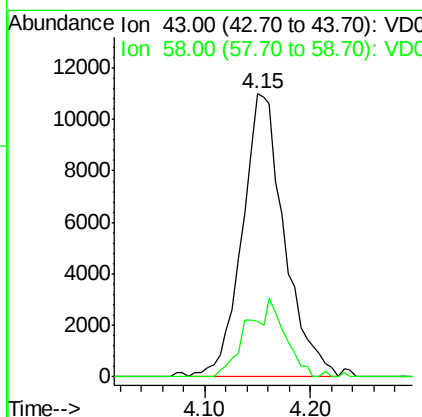
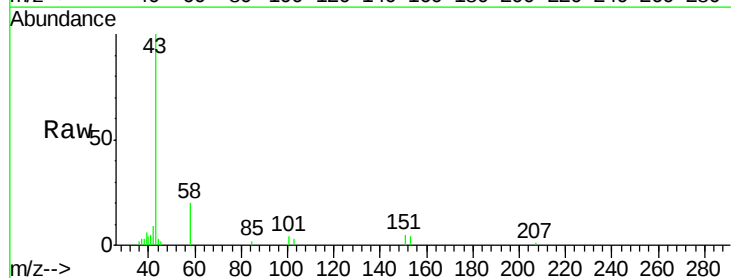
RT: 4.15 min Scan# 379

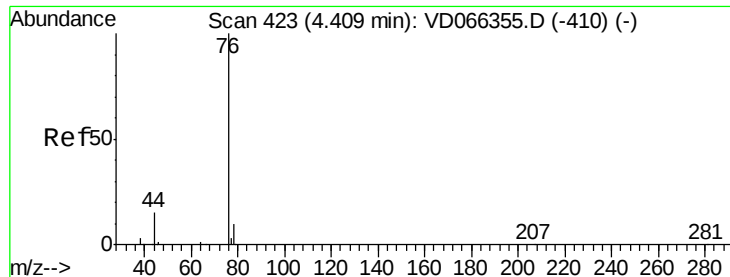
Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 30482 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 19.6  | 22.7  | 34.1# |





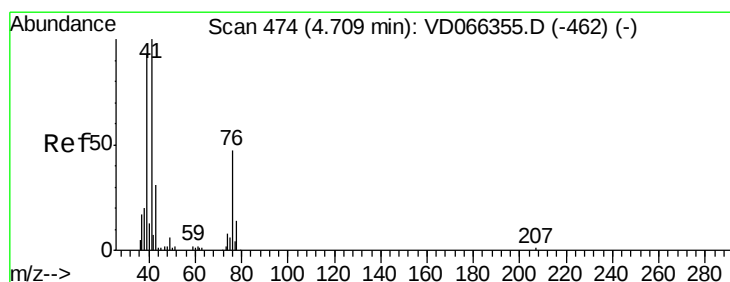
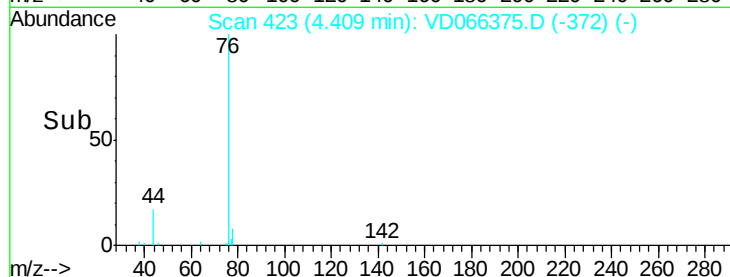
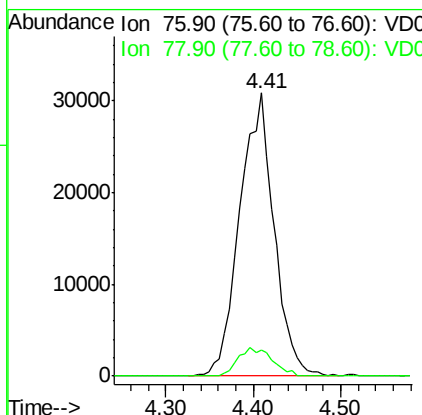
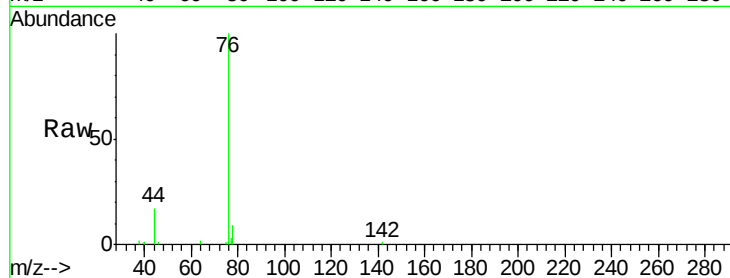
#17  
Carbon Disulfide  
Concen: 16.287 ug/l  
RT: 4.41 min Scan# 423  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.0   | 7.7   | 11.5  |

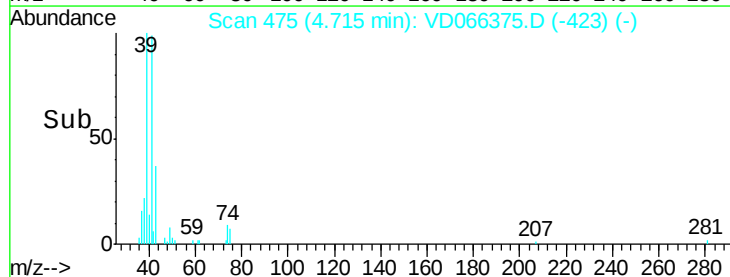
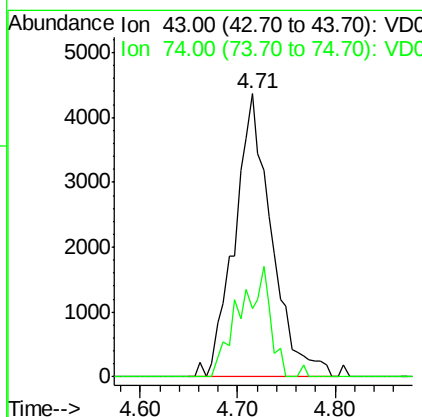
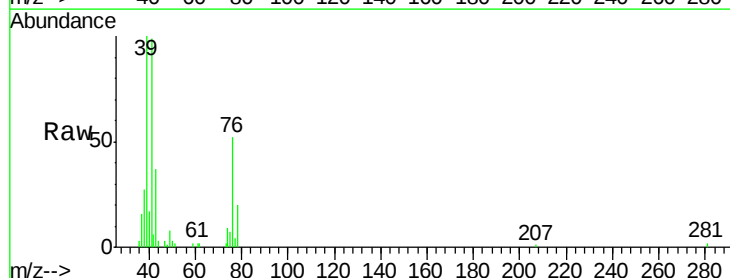
Manual Integrations  
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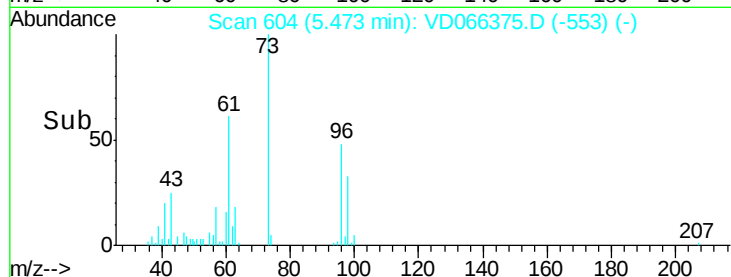
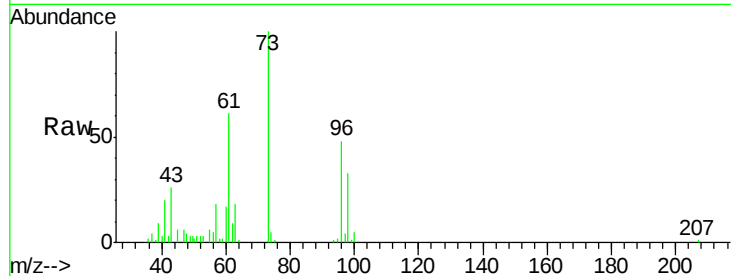
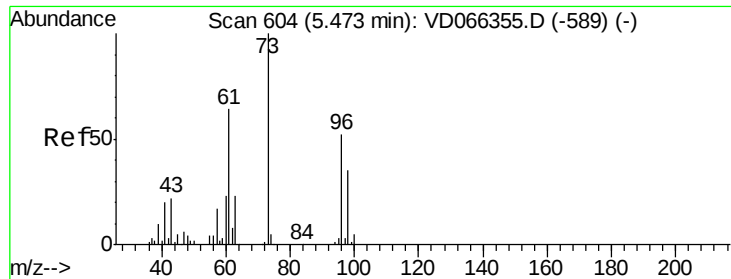
MMDadoda  
8/25/2020 3:32:55 PM



#18  
Methyl Acetate  
Concen: 17.066 ug/l  
RT: 4.71 min Scan# 475  
Delta R.T. 0.01 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 32.5  | 21.0  | 31.6# |





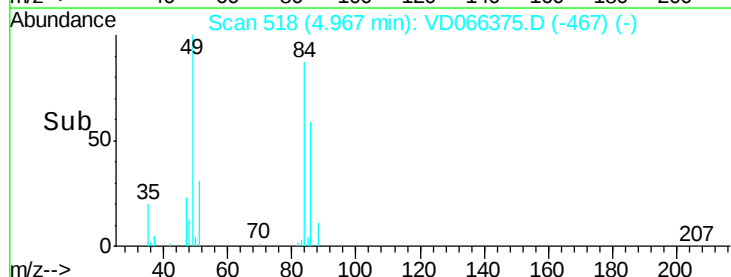
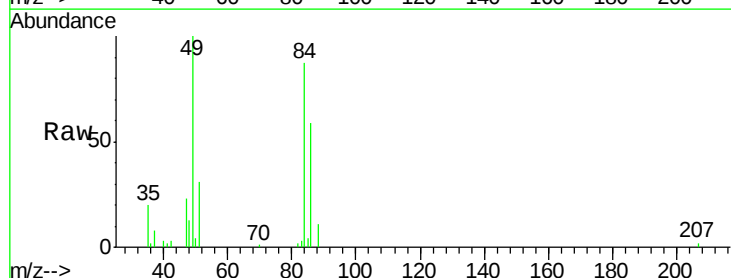
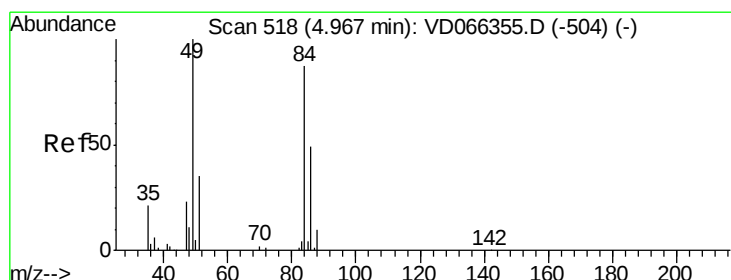
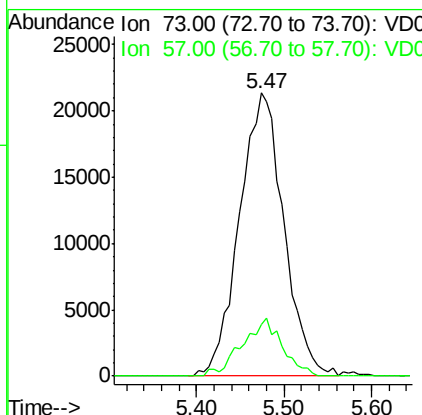
#19  
Methvl tert-butvl Ether  
Concen: 18.437 ug/l  
RT: 5.47 min Scan# 604  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Tot Ion: 73 Resp: 73740  
Ion Ratio Lower Upper  
73 100  
57 18.2 13.8 20.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBS01

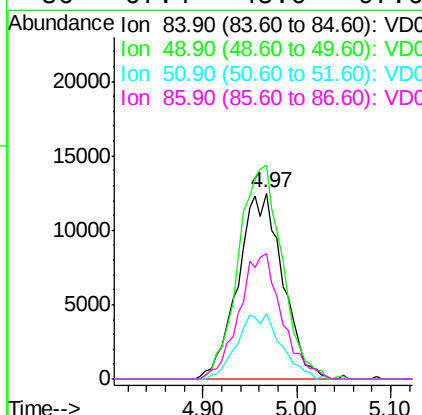
Manual Integrations  
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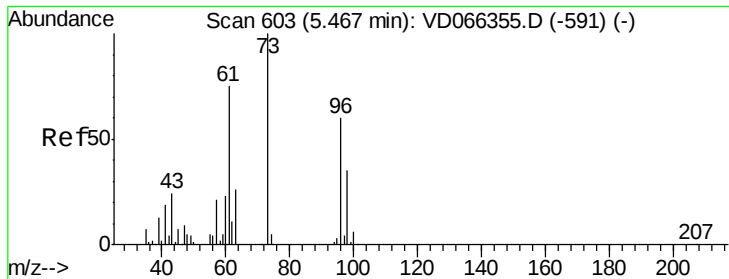
MMDadoda  
8/25/2020 3:32:55 PM



#20  
Methylene Chloride  
Concen: 17.226 ug/l  
RT: 4.97 min Scan# 518  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Tgt Ion: 84 Resp: 41148  
Ion Ratio Lower Upper  
84 100  
49 114.7 92.5 138.7  
51 35.0 32.5 48.7  
86 67.4 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 17.332 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

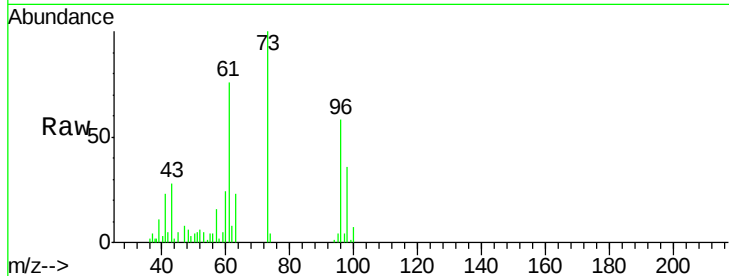
ClientSampleId :

VD0824SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 33513 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 130.2 | 101.1 | 151.7 |
| 98       | 61.4  | 47.0  | 70.6  |

Manual Integrations  
APPROVED

MMDadoda  
8/25/2020 3:32:55 PM

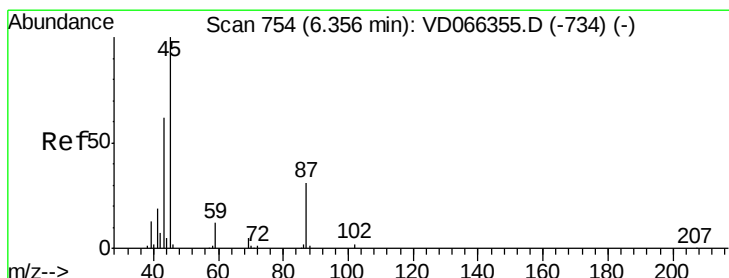
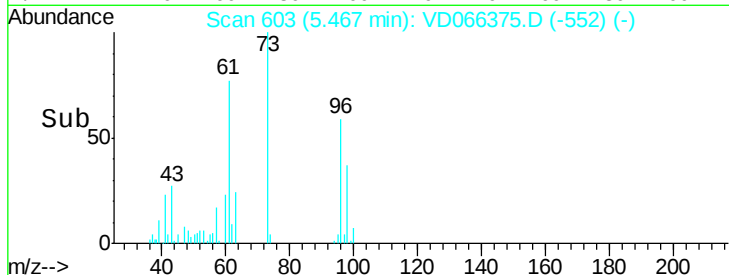
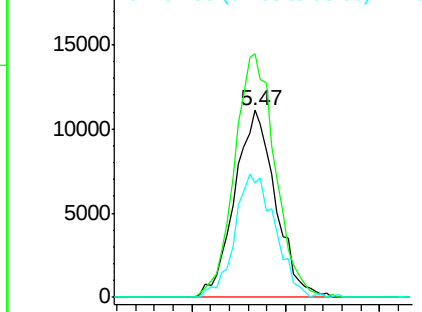


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 17.552 ug/l

RT: 6.36 min Scan# 754

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 75344 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 68.4  | 49.8  | 74.8  |
| 87       | 34.8  | 25.0  | 37.6  |
| 59       | 13.5  | 9.6   | 14.4  |

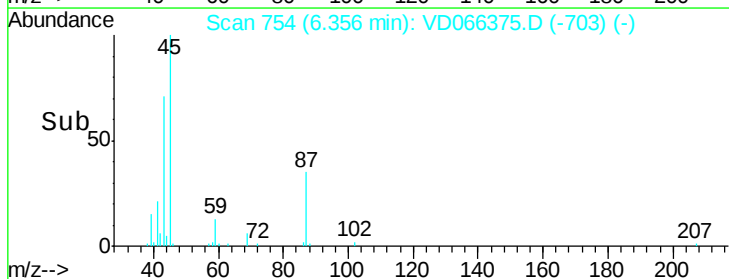
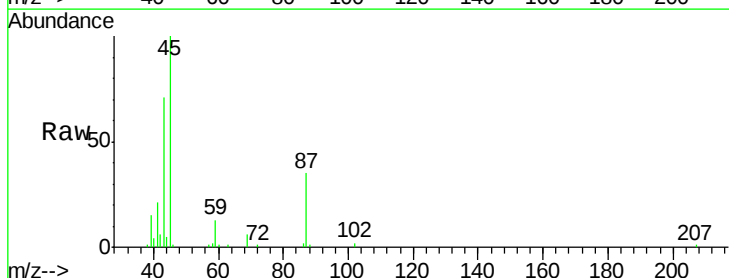
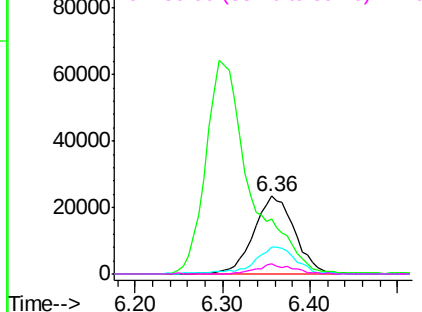
Abundance

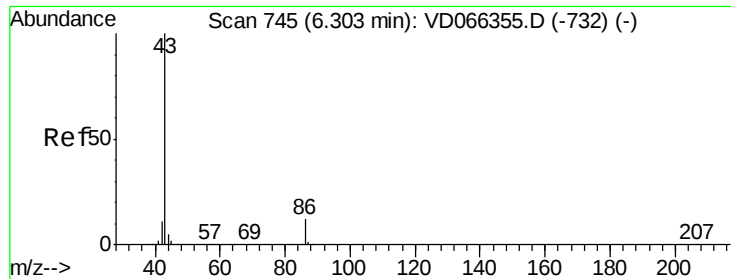
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 84.870 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0824SBS01

Tot Ion: 43 Resp: 225529

Ion Ratio Lower Upper

43 100

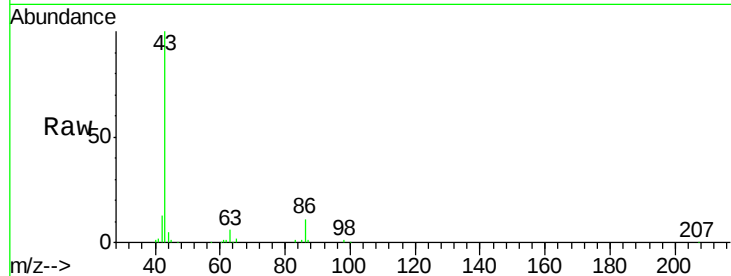
86 11.4 9.4 14.0

Manual Integrations

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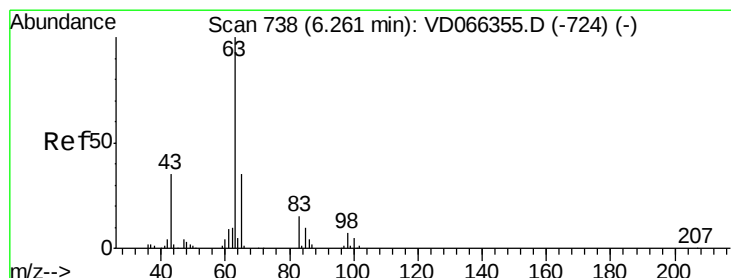
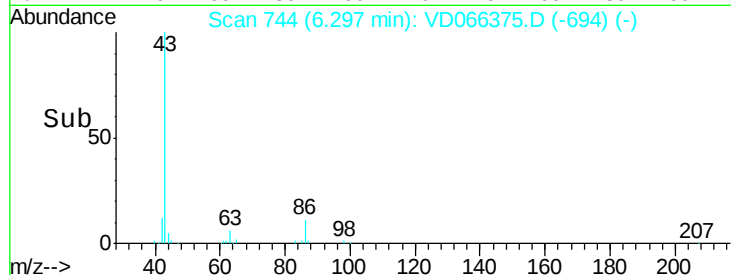
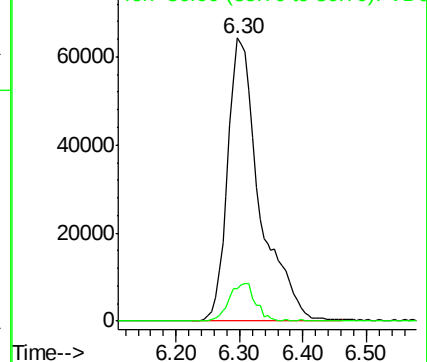
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 16.935 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

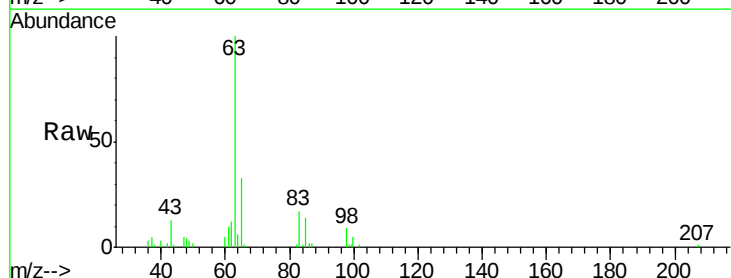
Tgt Ion: 63 Resp: 51370

Ion Ratio Lower Upper

63 100

98 9.2 3.5 10.6

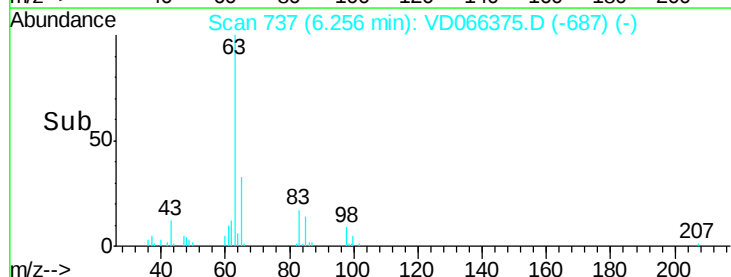
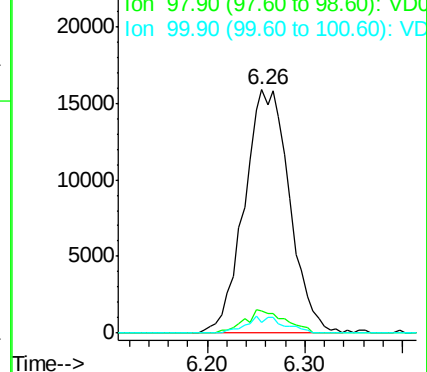
100 4.5 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 86.214 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0824SBS01

Tot Ion: 43 Resp: 35256

Ion Ratio Lower Upper

43 100

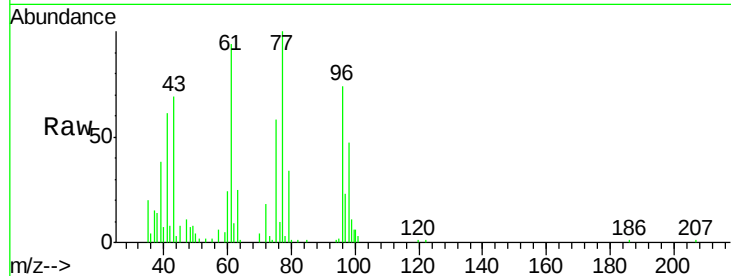
72 26.5 22.5 33.7

Manual Integrations

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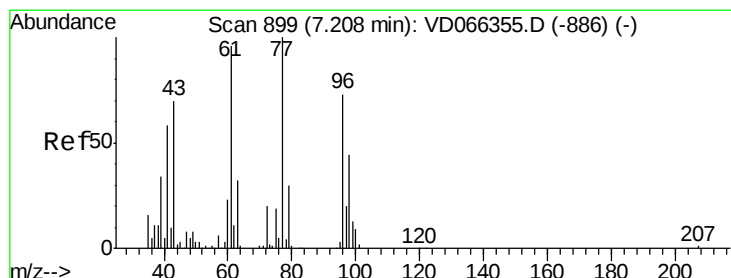
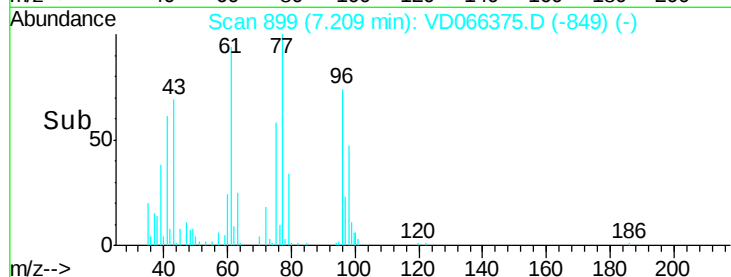
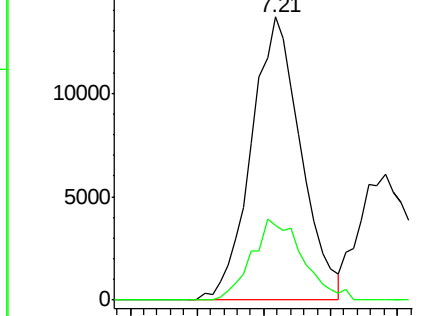
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 18.840 ug/l

RT: 7.20 min Scan# 897

Delta R.T. -0.01 min

Lab File: VD066375.D

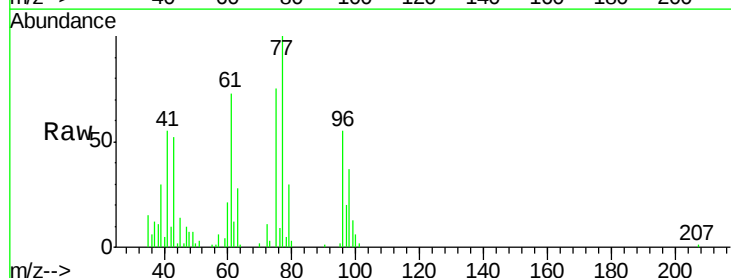
Acq: 24 Aug 2020 12:29

Tgt Ion: 77 Resp: 61252

Ion Ratio Lower Upper

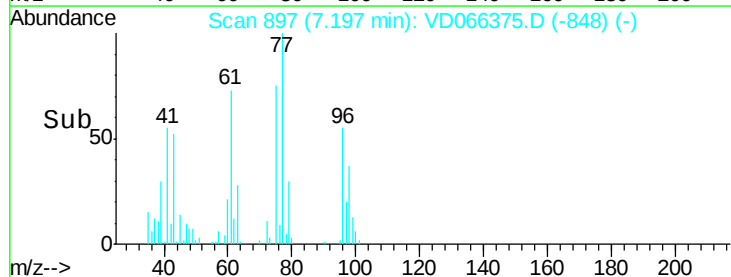
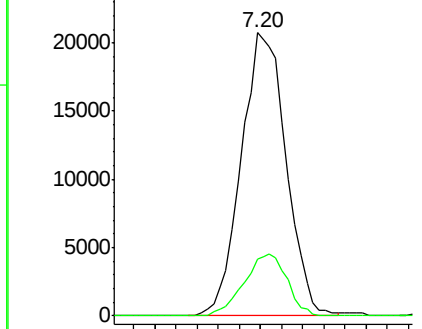
77 100

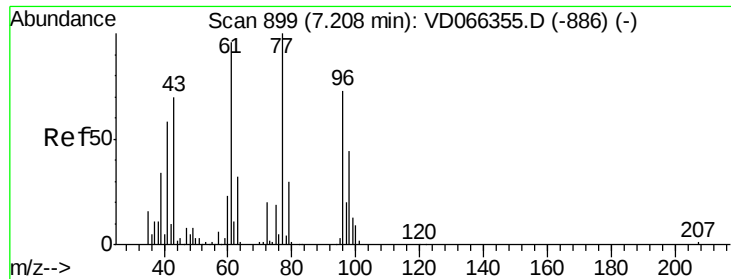
97 20.9 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

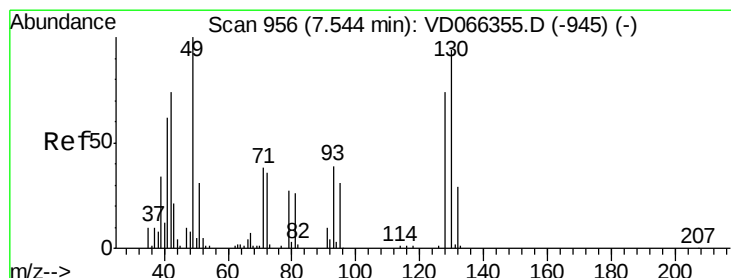
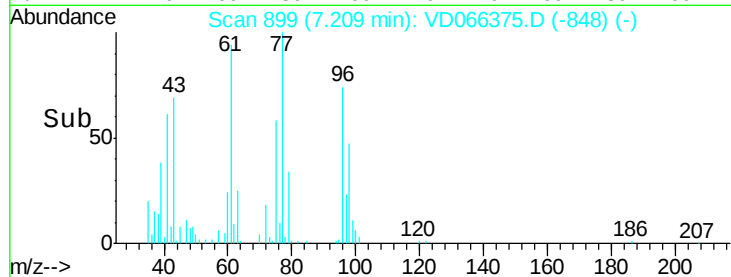
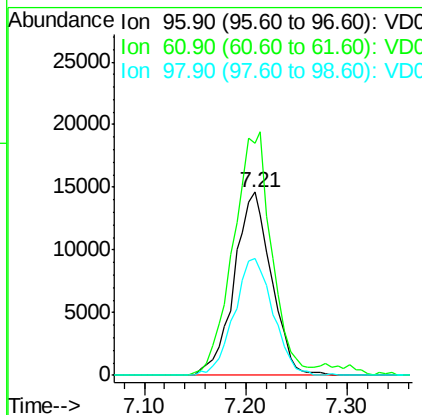
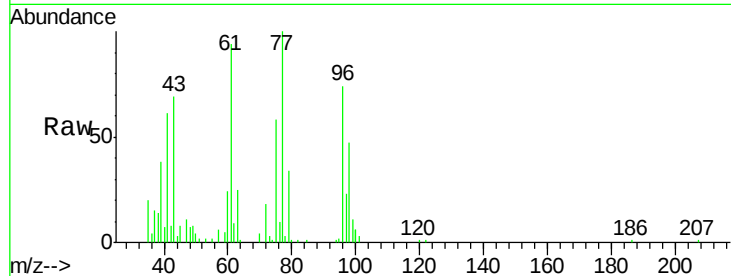
cis-1,2-Dichloroethene  
Concen: 17.973 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 136.8 | 0.0   | 281.4 |
| 98      | 66.5  | 0.0   | 132.2 |

Manual Integrations  
APPROVED

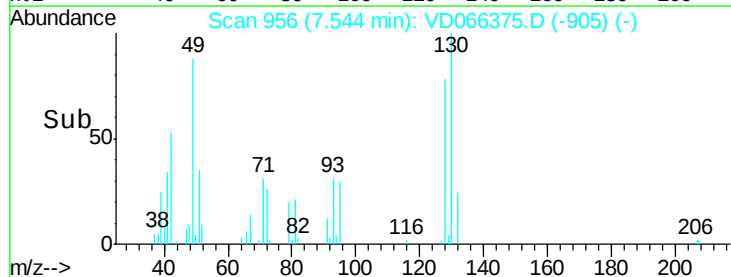
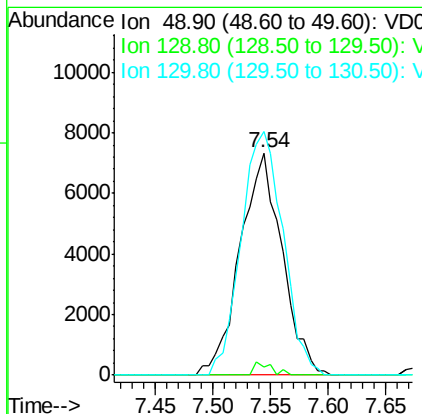
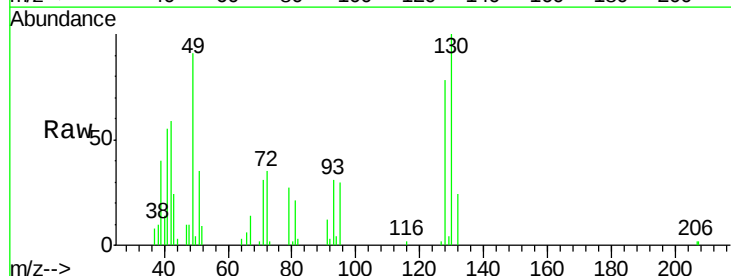
MMDadoda  
8/25/2020 3:32:55 PM

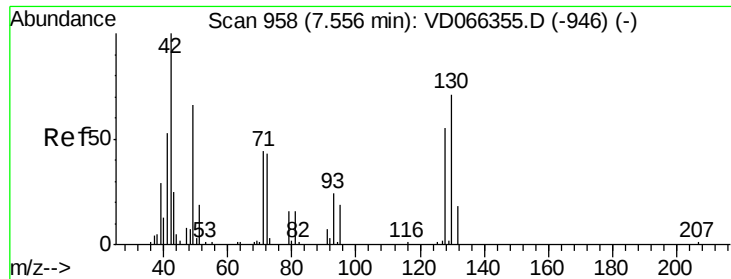


#28

Bromochloromethane  
Concen: 17.771 ug/l  
RT: 7.54 min Scan# 956  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.4   | 0.0   | 3.0   |
| 130     | 109.3 | 82.6  | 124.0 |





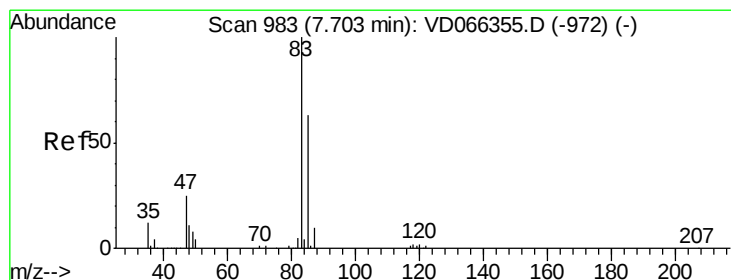
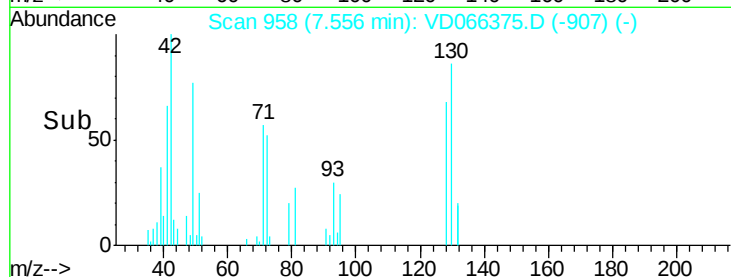
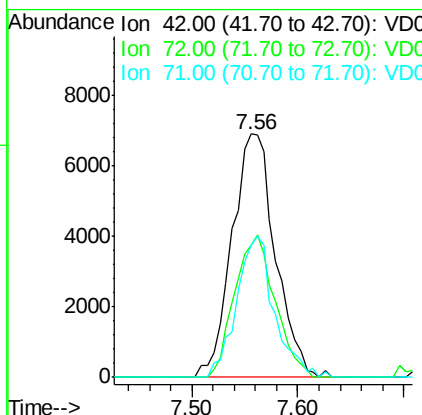
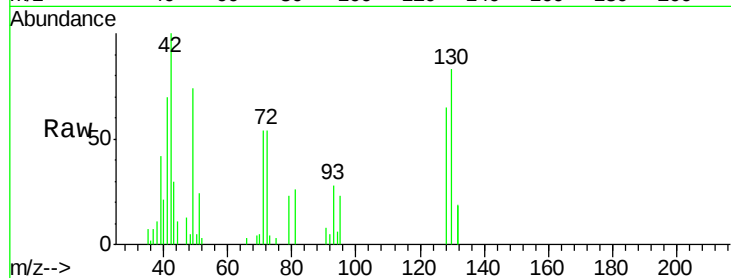
#29  
Tetrahydrofuran  
Concen: 84.772 ug/l  
RT: 7.56 min Scan# 958  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 54.4  | 41.0  | 61.4  |
| 71      | 50.4  | 37.2  | 55.8  |

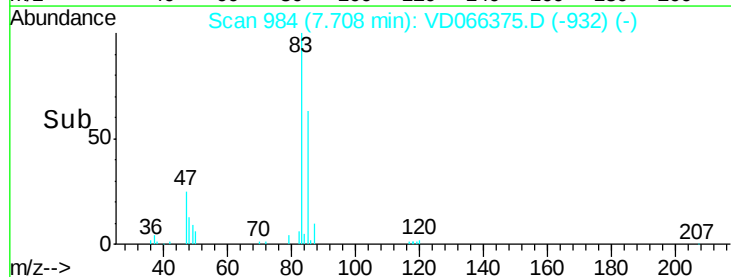
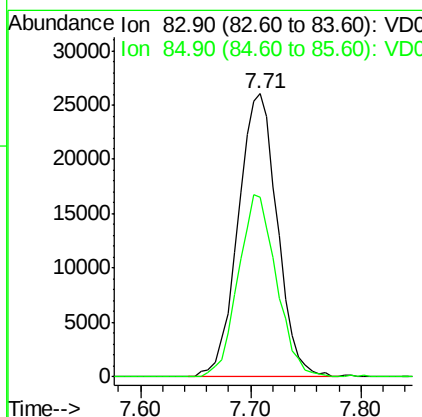
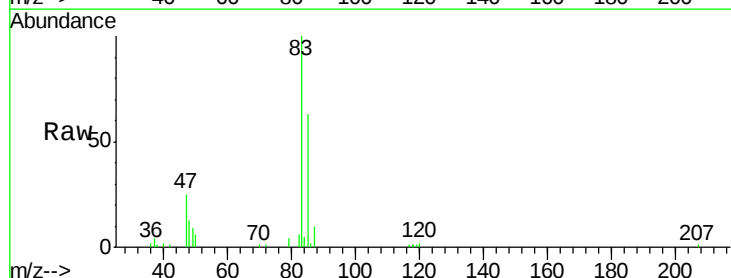
Manual Integrations  
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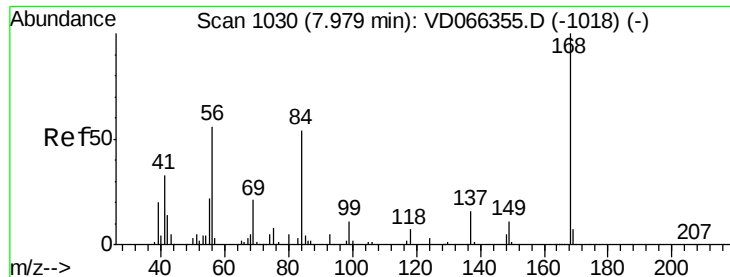
MMDadoda  
8/25/2020 3:32:55 PM



#30  
Chloroform  
Concen: 18.472 ug/l  
RT: 7.71 min Scan# 984  
Delta R.T. 0.01 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.5  | 50.3  | 75.5  |





#31

Cyclohexane

Concen: 16.188 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

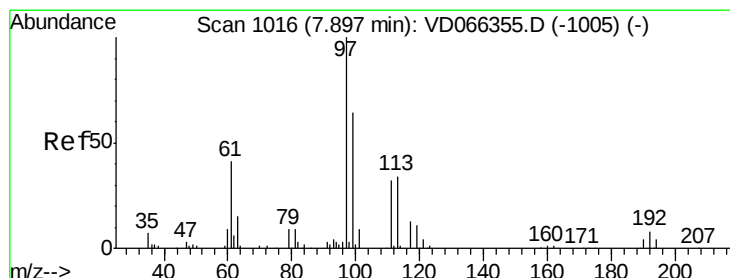
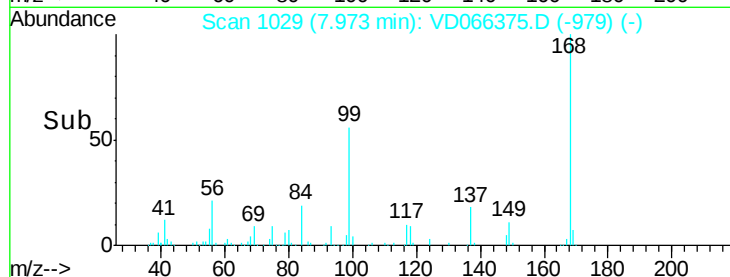
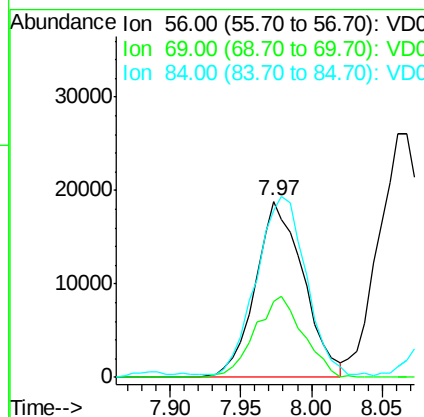
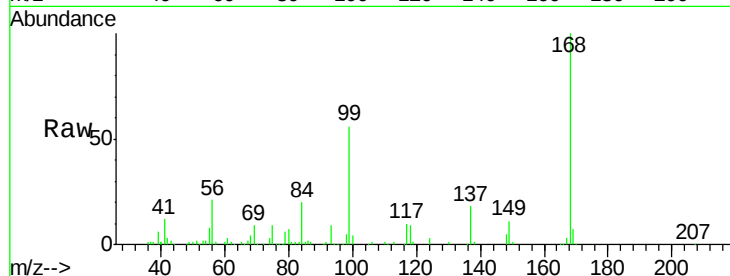
ClientSampleId :

VD0824SBS001

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 56    | Resp: | 44910 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 43.1  | 29.6  | 44.4  |
| 84        | 93.1  | 76.6  | 115.0 |

Manual Integrations  
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8/25/2020 3:32:55 PM



#32

1,1,1-Trichloroethane

Concen: 18.725 ug/l

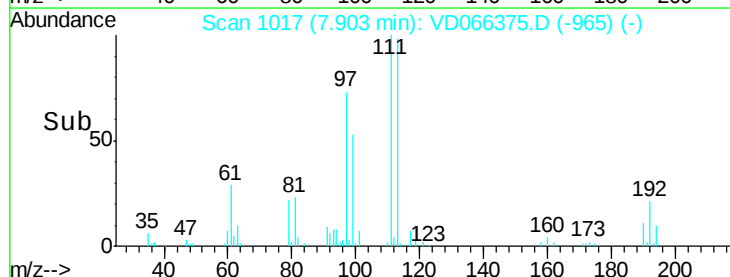
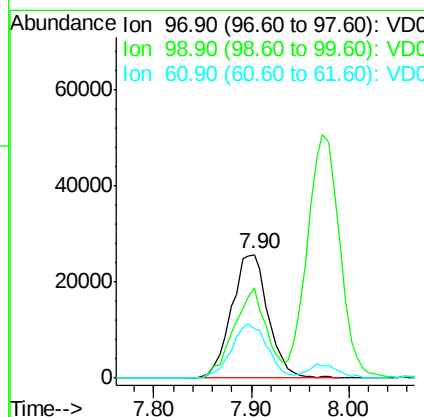
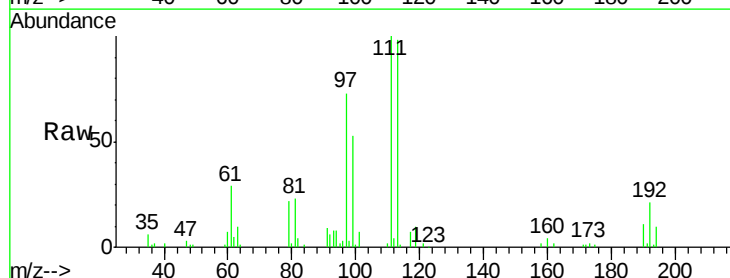
RT: 7.90 min Scan# 1017

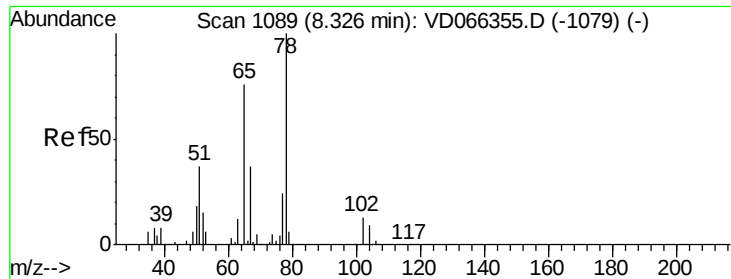
Delta R.T. 0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 67262 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 64.9  | 51.5  | 77.3  |
| 61        | 42.9  | 33.3  | 49.9  |





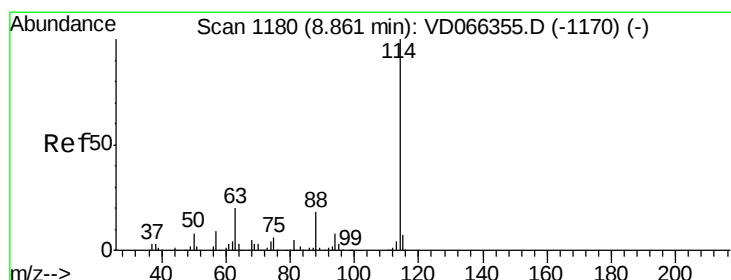
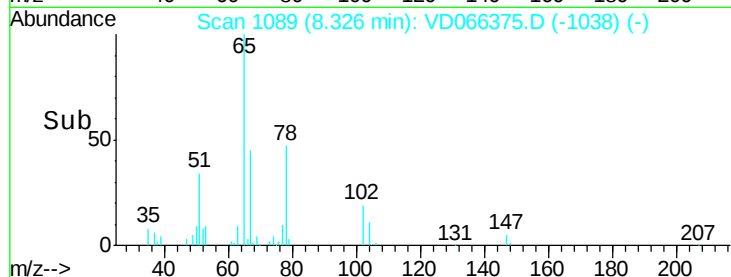
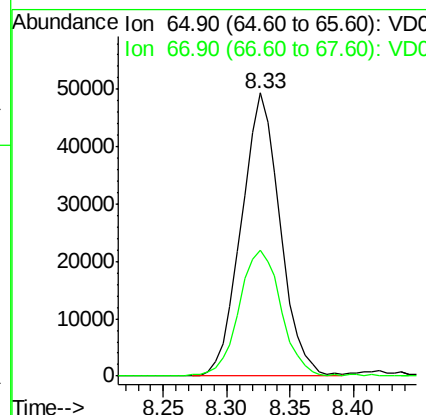
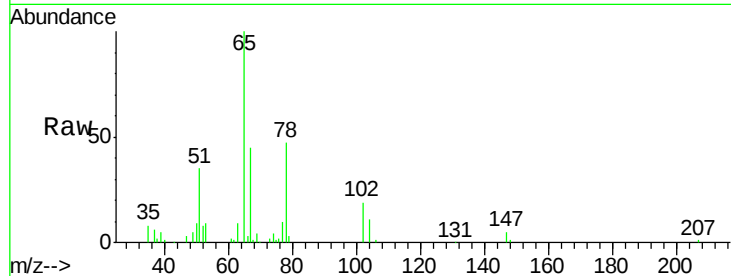
#33  
 1,2-Dichloroethane-d4  
 Concen: 52.520 ug/l  
 RT: 8.33 min Scan# 1089  
 Delta R.T. 0.00 min  
 Lab File: VD066375.D  
 Acq: 24 Aug 2020 12:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0824SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 48.1  | 0.0  | 101.6 |       |

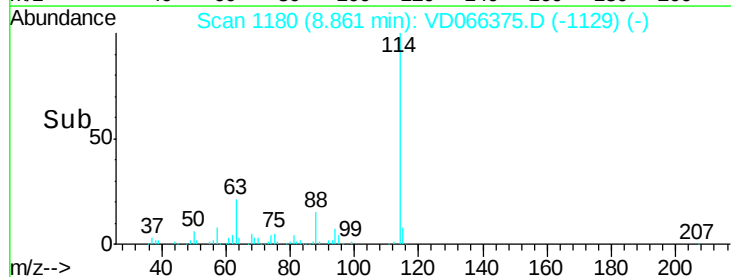
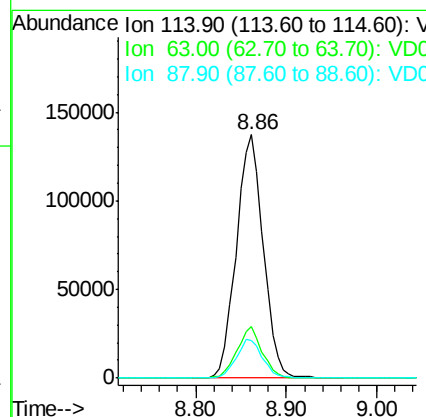
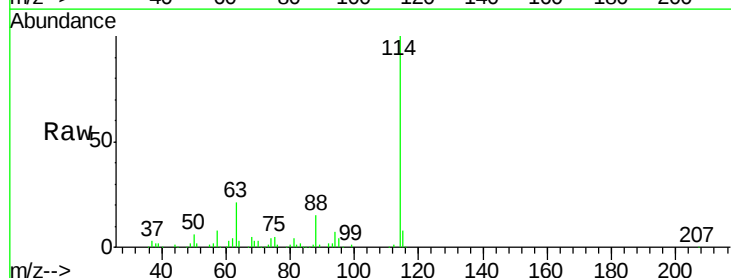
Manual Integrations  
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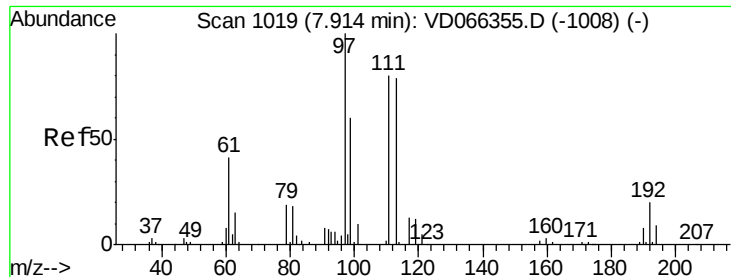
MMDadoda  
 8/25/2020 3:32:55 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.86 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: VD066375.D  
 Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 21.0  | 0.0  | 40.8  |       |
| 88      | 15.4  | 0.0  | 35.4  |       |





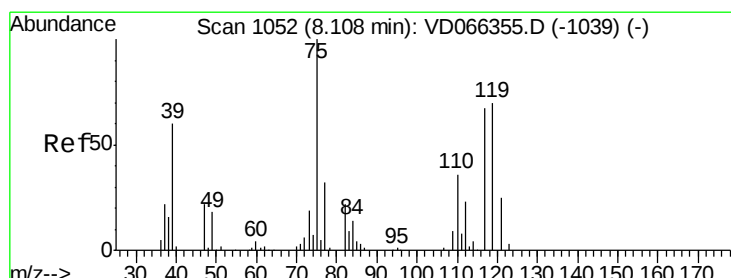
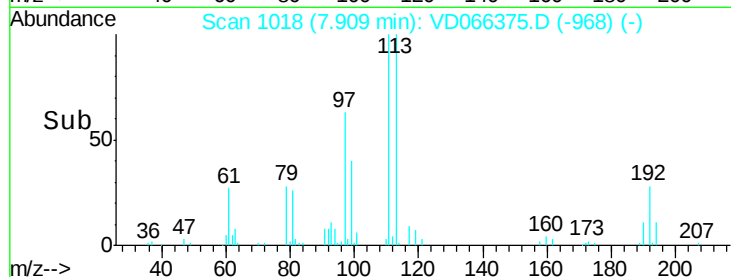
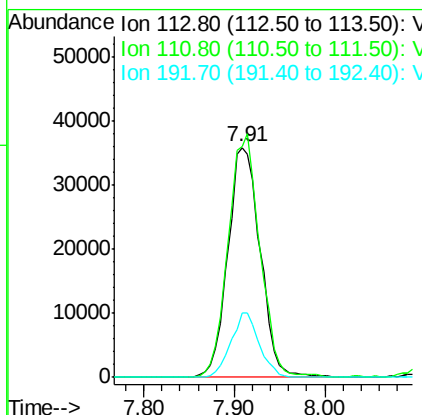
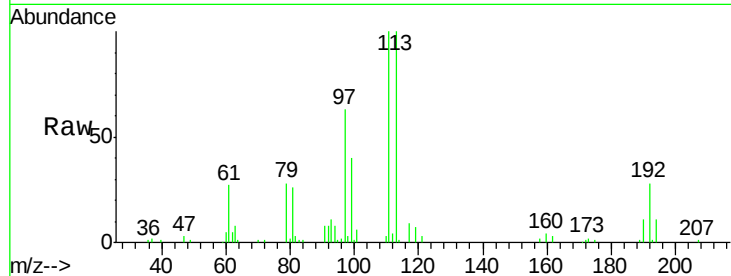
#35  
Dibromofluoromethane  
Concen: 49.975 ug/l  
RT: 7.91 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 88651 |       |       |
| 111     | 103.7 |       | 80.3  | 120.5 |
| 192     | 24.6  |       | 19.0  | 28.6  |

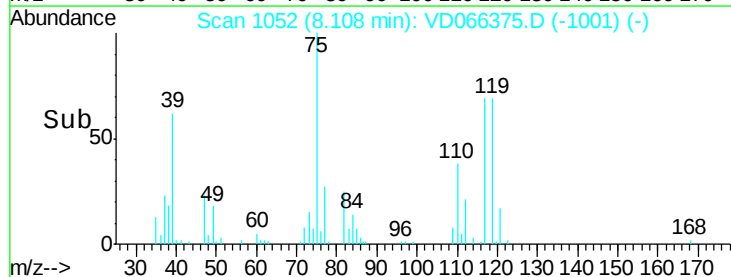
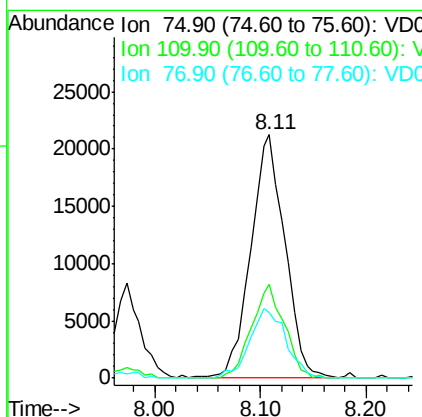
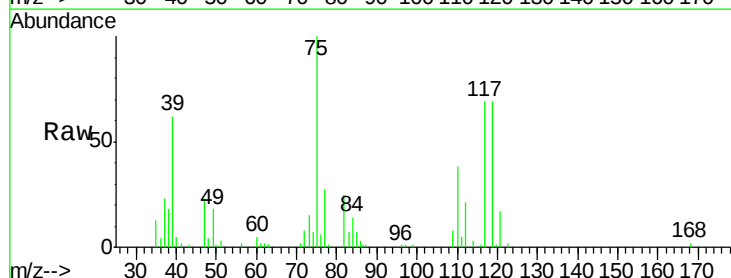
Manual Integrations  
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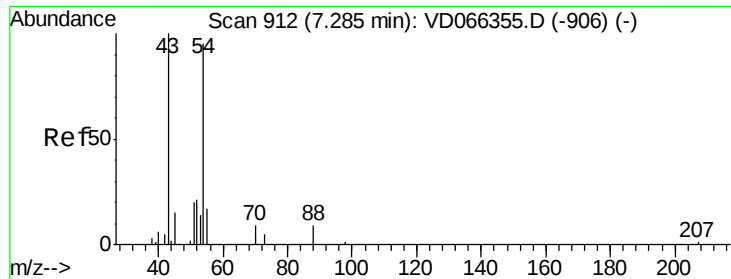
MMDadoda  
8/25/2020 3:32:55 PM



#36  
1,1-Dichloropropene  
Concen: 18.479 ug/l  
RT: 8.11 min Scan# 1052  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 47832 |       |       |
| 110     | 37.0  |       | 18.7  | 56.1  |
| 77      | 30.5  |       | 25.2  | 37.8  |





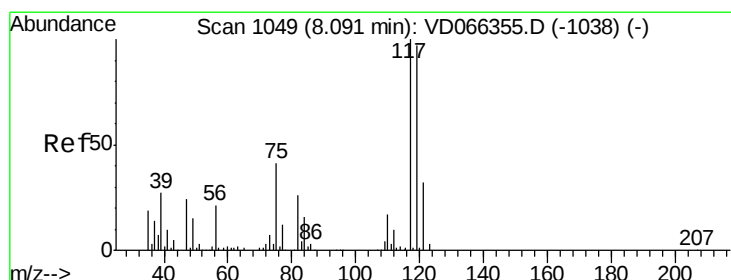
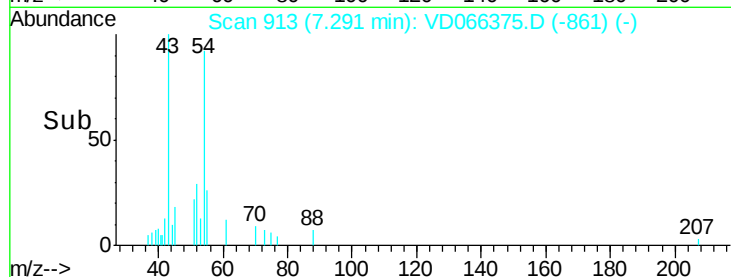
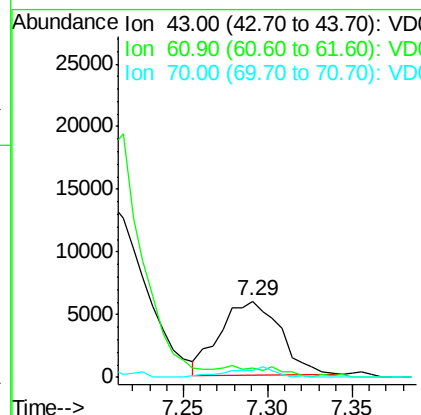
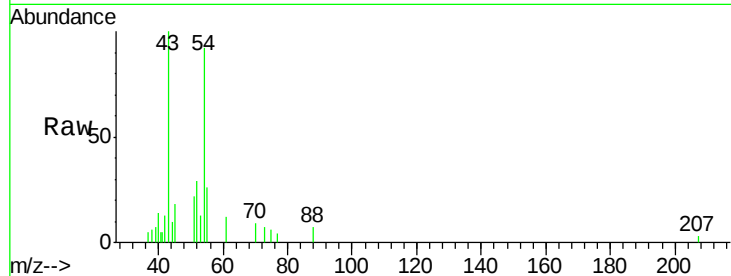
#37  
Ethyl Acetate  
Concen: 16.755 ug/l  
RT: 7.29 min Scan# 913  
Delta R.T. 0.01 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleID :  
VD0824SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.3  | 13.3  | 19.9# |
| 70      | 10.3  | 3.5   | 5.3#  |

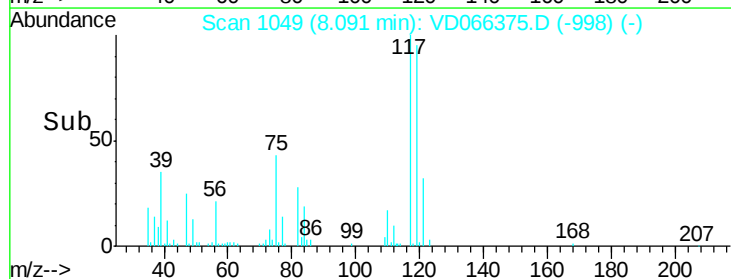
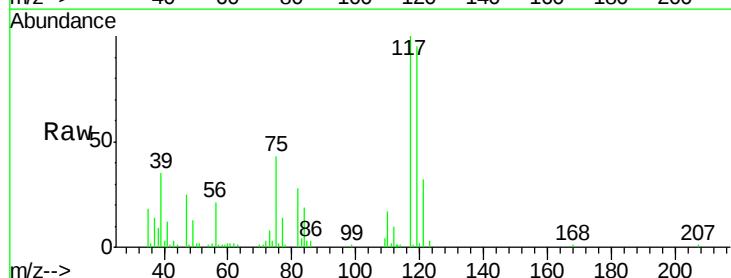
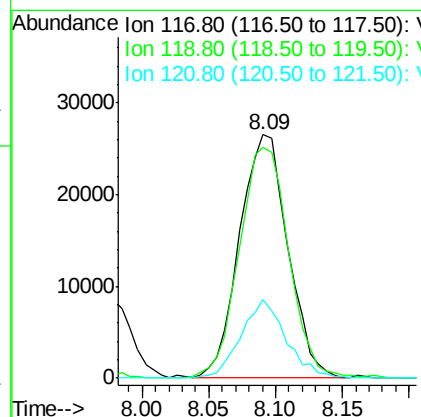
Manual Integrations  
APPROVED

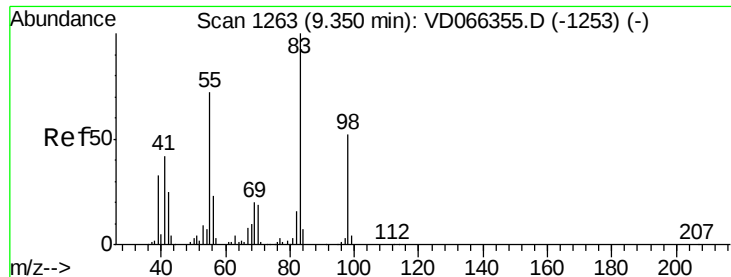
MMDadoda  
8/25/2020 3:32:55 PM



#38  
Carbon Tetrachloride  
Concen: 19.826 ug/l  
RT: 8.09 min Scan# 1049  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.4  | 77.2  | 115.8 |
| 121     | 32.2  | 25.8  | 38.8  |





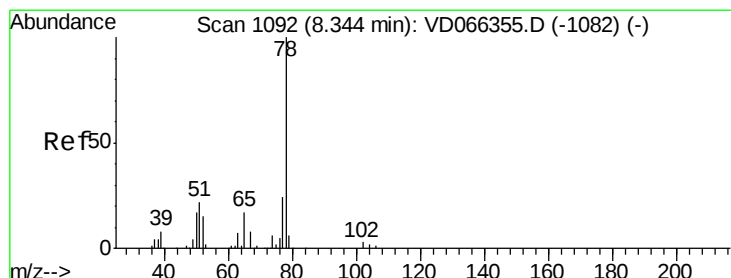
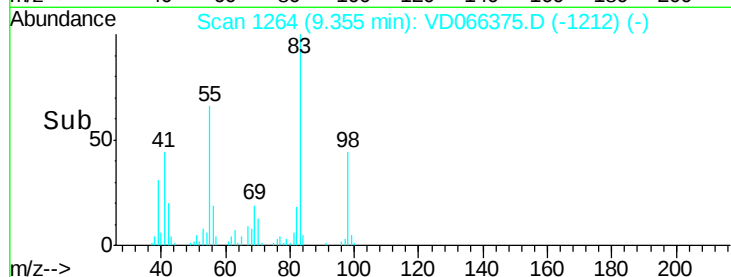
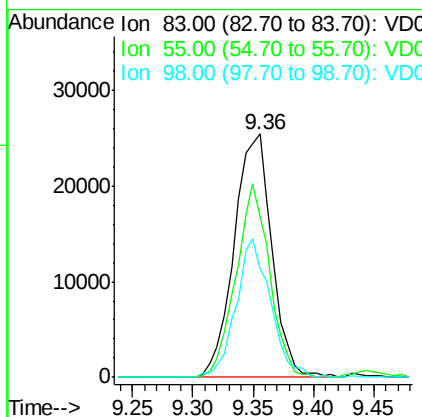
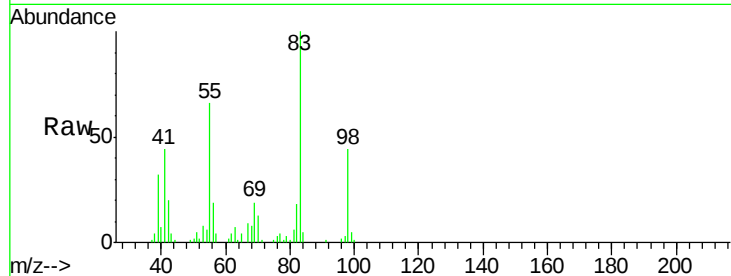
#39  
Methvlcvclohexane  
Concen: 18.182 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. 0.01 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 65.9  | 58.0  | 87.0  |
| 98      | 44.4  | 41.9  | 62.9  |

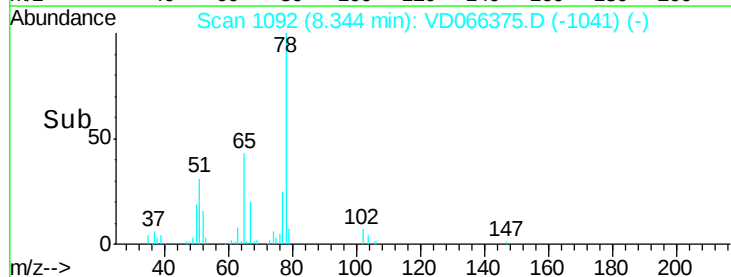
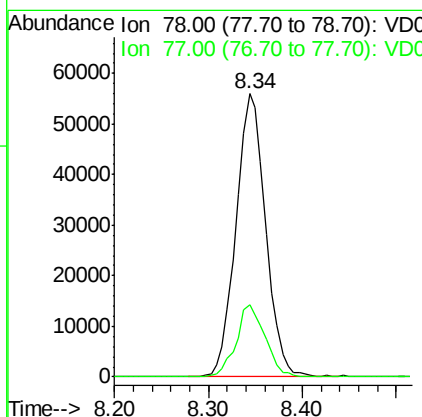
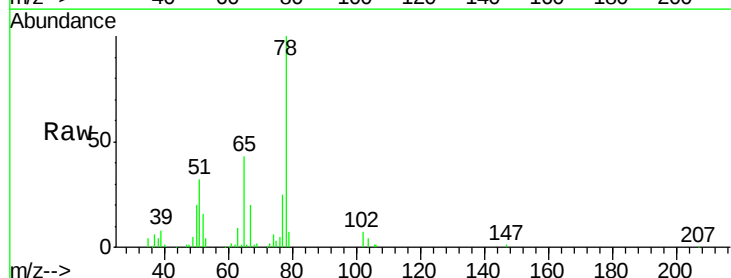
Manual Integrations  
APPROVED

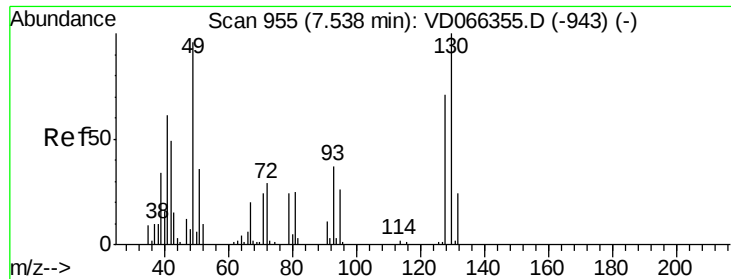
MMDadoda  
8/25/2020 3:32:55 PM



#40  
Benzene  
Concen: 17.999 ug/l  
RT: 8.34 min Scan# 1092  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 25.4  | 18.8  | 28.2  |





#41

Methacrylonitrile

Concen: 18.349 ug/l m

RT: 7.54 min Scan# 955

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0824SBS01

Tot Ion: 41 Resp: 9962

Ion Ratio Lower Upper

41 100

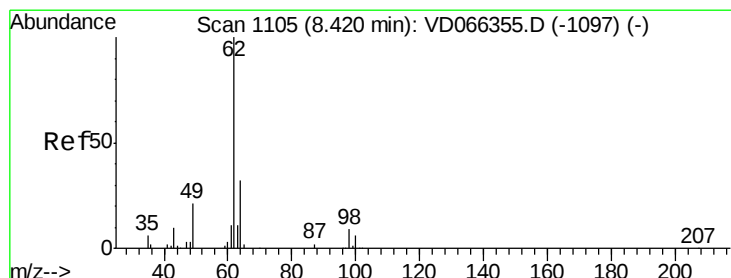
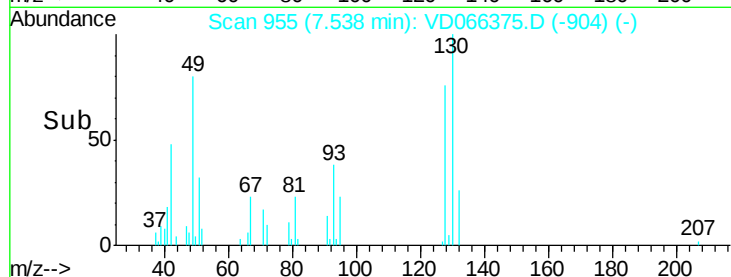
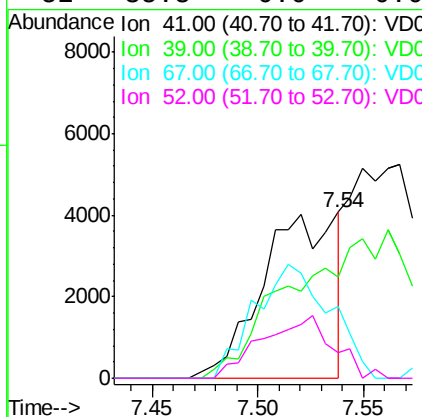
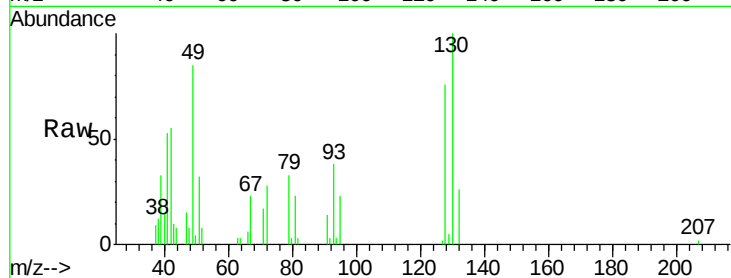
39 0.0 51.8 77.8#

67 69.5 0.0 0.0#

52 35.8 0.0 0.0#

Manual Integrations  
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#42

1,2-Dichloroethane

Concen: 19.267 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066375.D

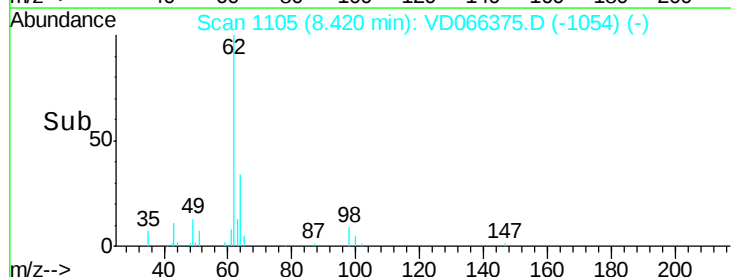
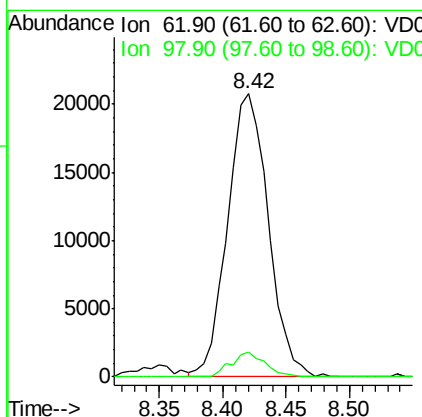
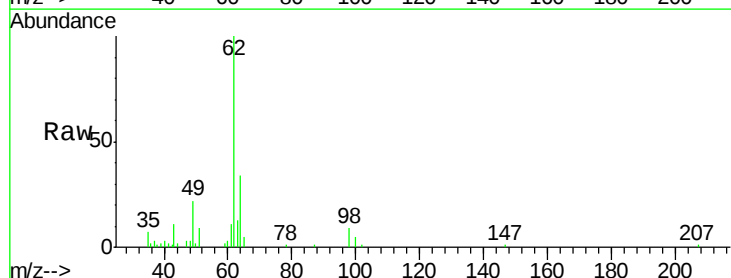
Acq: 24 Aug 2020 12:29

Tgt Ion: 62 Resp: 46209

Ion Ratio Lower Upper

62 100

98 7.3 0.0 16.2





#43

Isopropyl Acetate

Concen: 17.171 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

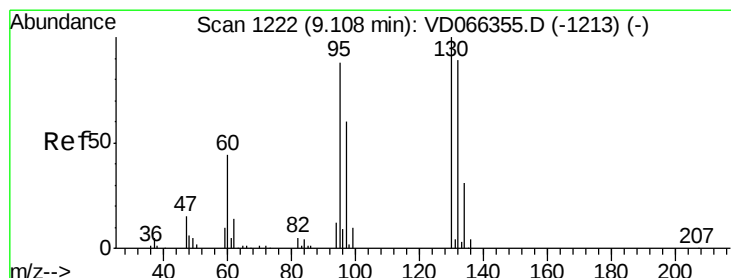
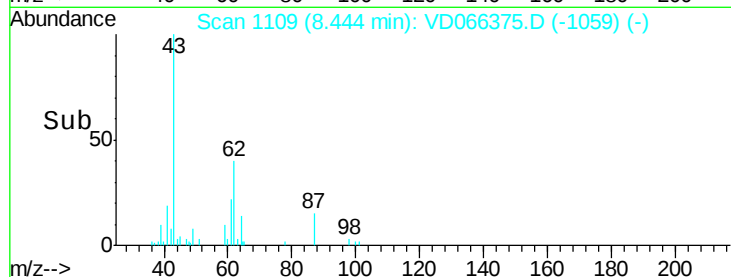
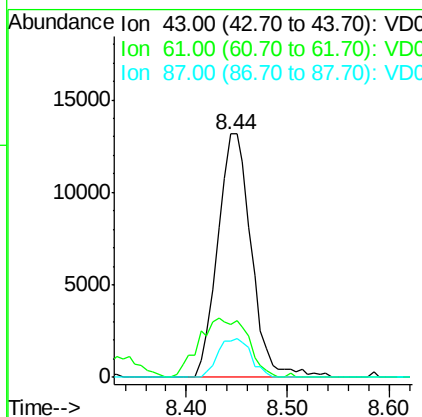
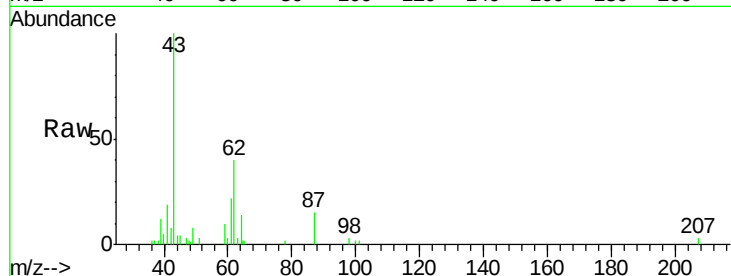
ClientSampleId :

VD0824SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 30341 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 35.1  | 26.5  | 39.7  |
| 87       | 15.5  | 11.9  | 17.9  |

Manual Integrations  
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#44

Trichloroethene

Concen: 18.539 ug/l

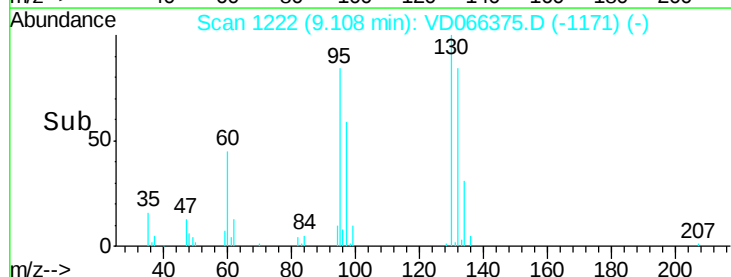
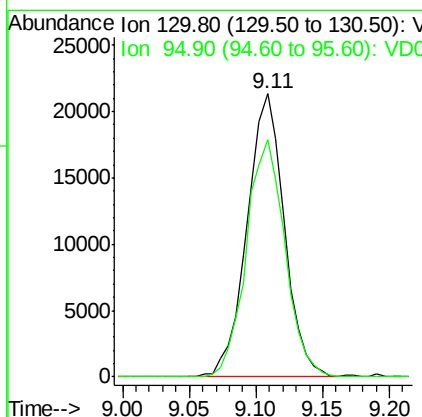
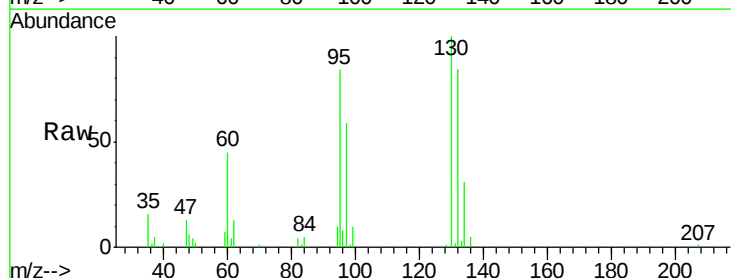
RT: 9.11 min Scan# 1222

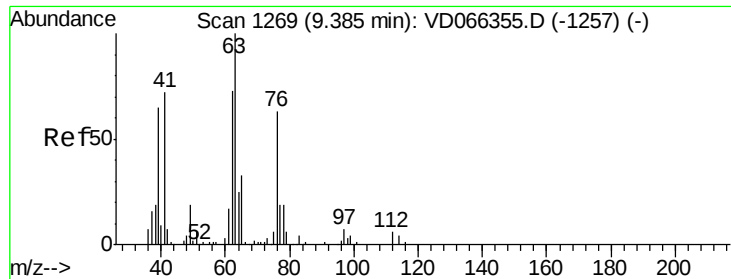
Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 41020 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 83.9  | 0.0   | 175.6 |





#45

1,2-Dichloropropane

Concen: 18.347 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0824SBS01

Tot Ion: 63 Resp: 28323

Ion Ratio Lower Upper

63 100

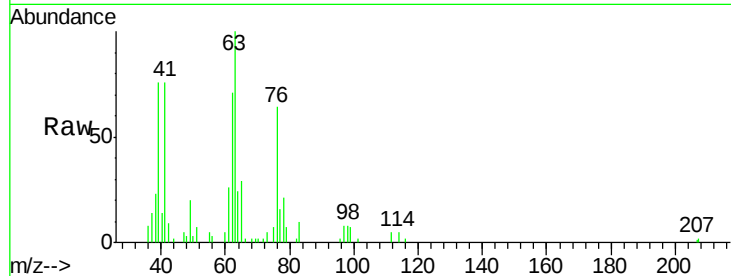
65 29.4 26.4 39.6

Manual Integrations

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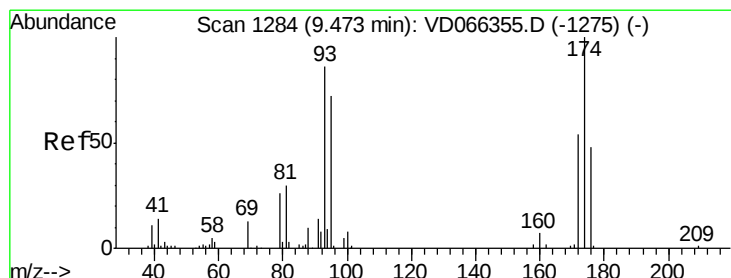
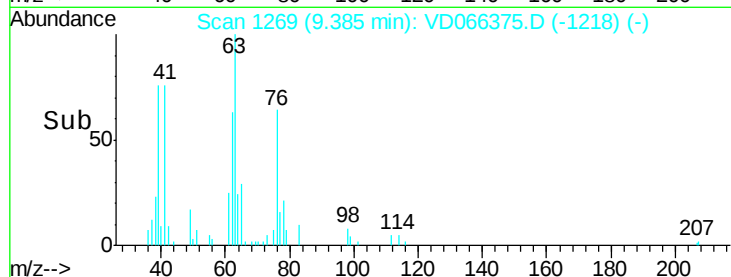
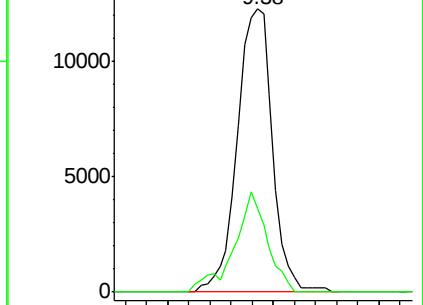
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 18.887 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

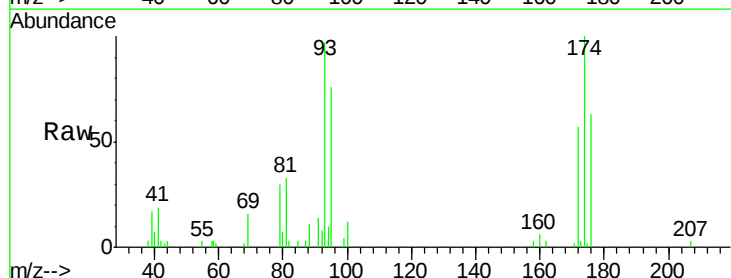
Tgt Ion: 93 Resp: 18153

Ion Ratio Lower Upper

93 100

95 81.4 66.0 99.0

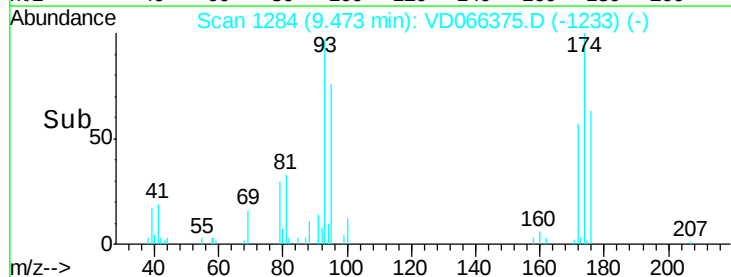
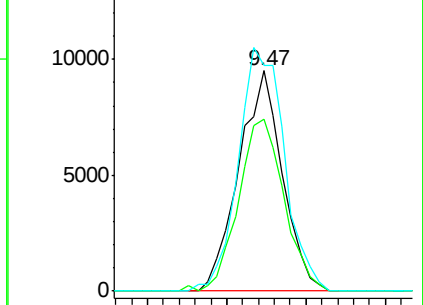
174 116.8 94.6 141.8

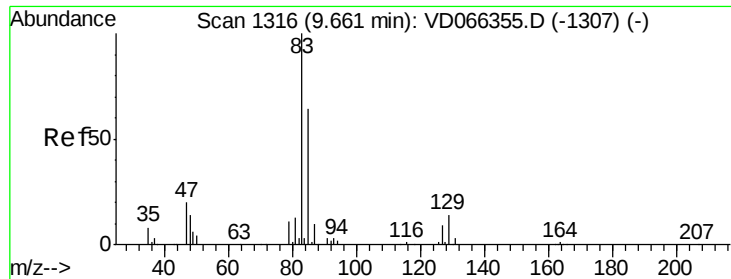


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





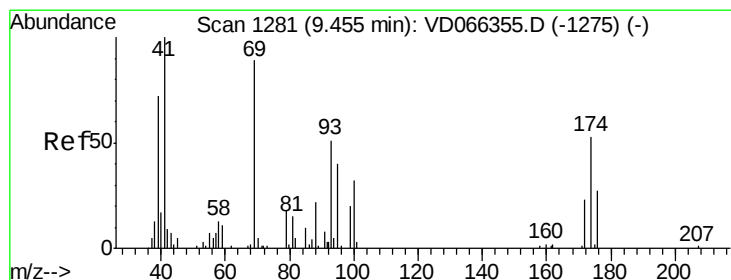
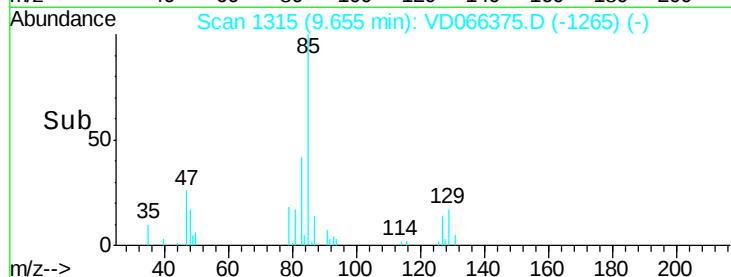
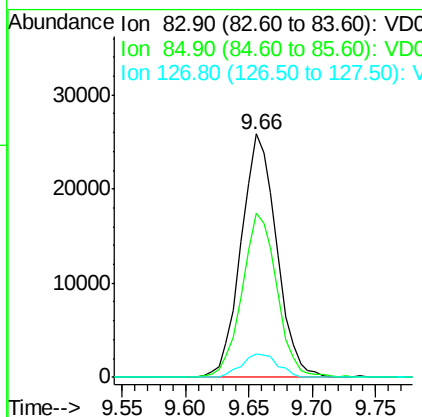
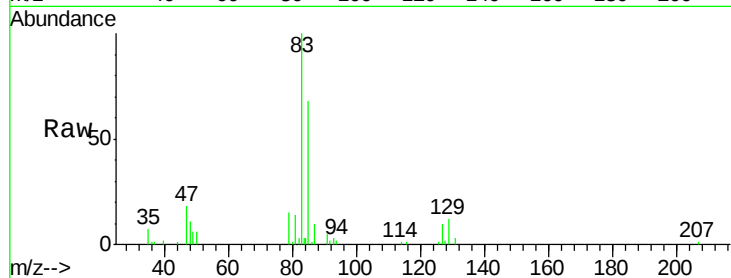
#47  
Bromodichloromethane  
Concen: 19.099 ug/l  
RT: 9.66 min Scan# 1315  
Delta R.T. -0.01 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBSD01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 83      | 100   | 50483 |       |       |
| 85      | 67.7  |       | 51.4  | 77.0  |
| 127     | 9.5   |       | 7.4   | 11.0  |

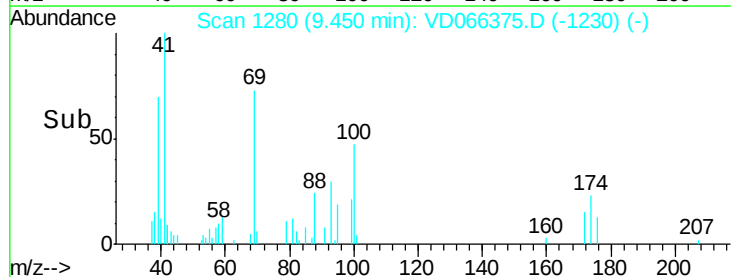
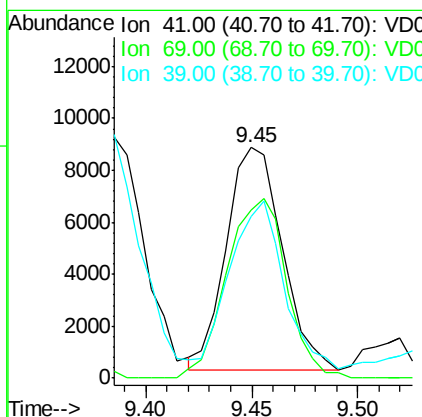
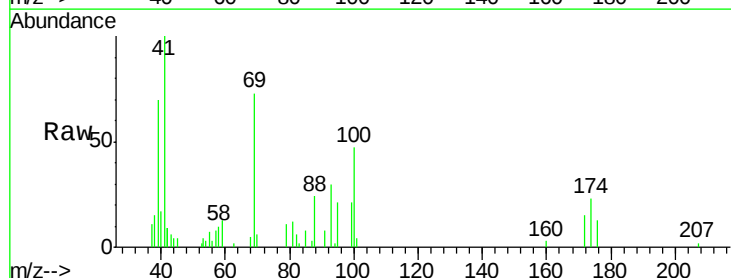
Manual Integrations  
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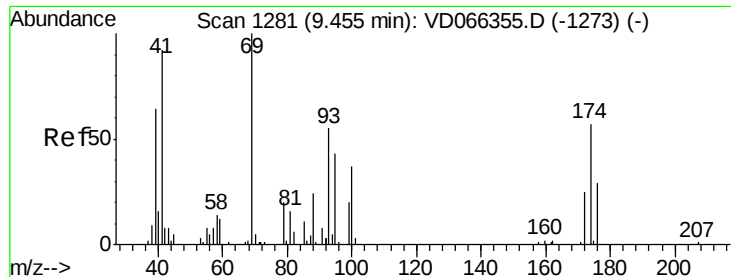
MMDadoda  
8/25/2020 3:32:55 PM



#48  
Methyl methacrylate  
Concen: 17.319 ug/l  
RT: 9.45 min Scan# 1280  
Delta R.T. -0.01 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   | 15781 |       |       |
| 69      | 86.0  |       | 75.5  | 113.3 |
| 39      | 83.0  |       | 57.0  | 85.4  |





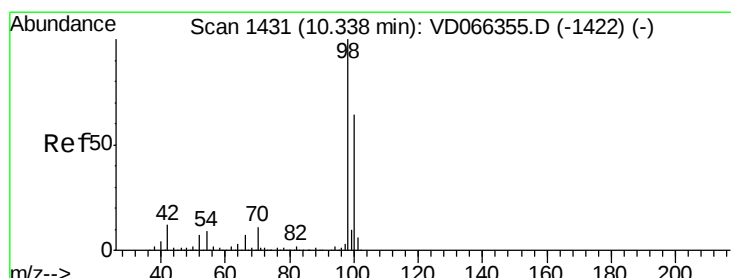
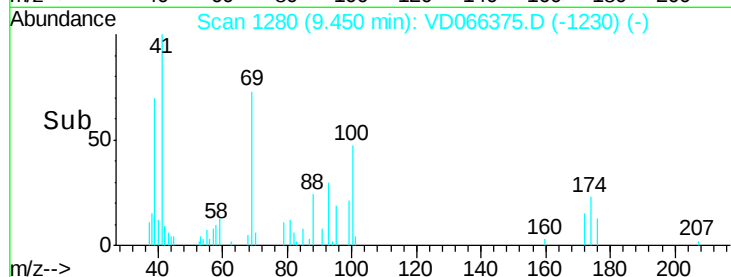
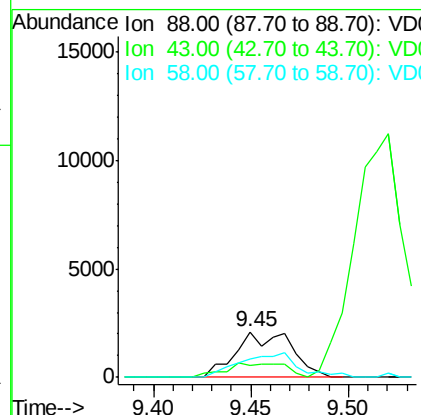
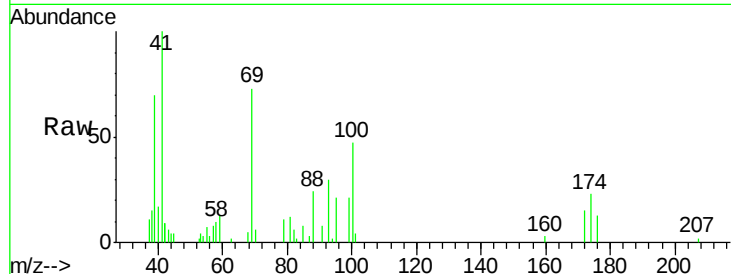
#49  
1,4-Dioxane  
Concen: 370.410 ug/l  
RT: 9.45 min Scan# 1280  
Delta R.T. -0.01 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 33.3  | 29.4  | 44.0  |
| 58      | 0.0   | 45.4  | 68.2# |

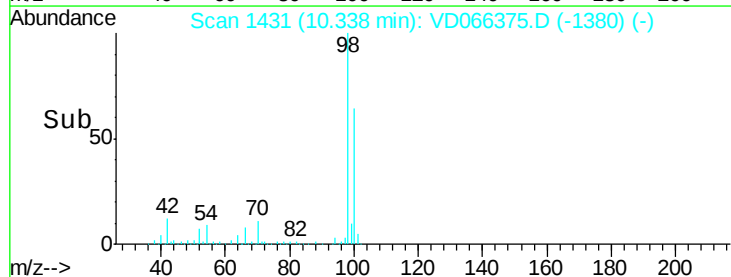
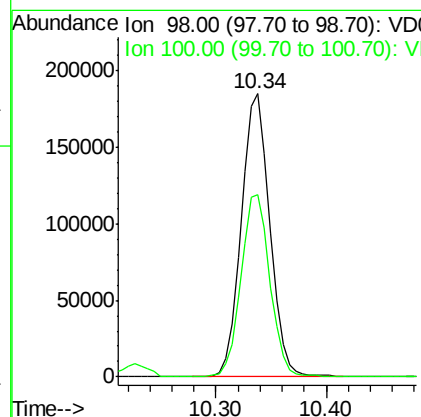
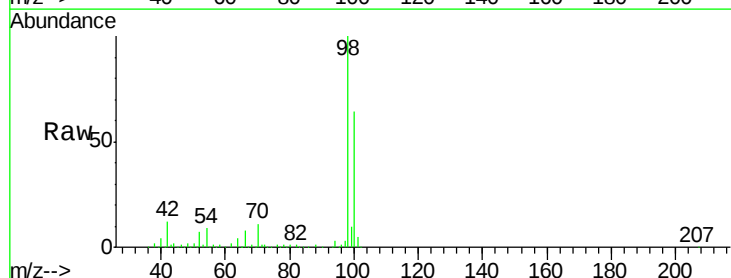
Manual Integrations  
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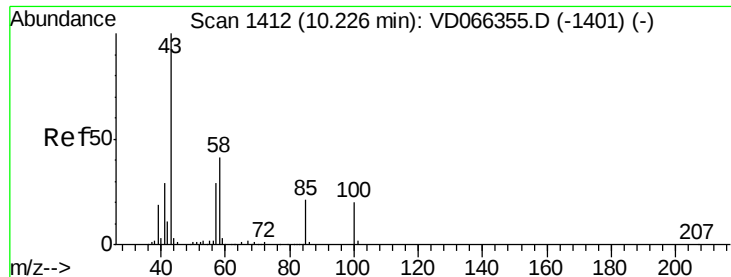
MMDadoda  
8/25/2020 3:32:55 PM



#50  
Toluene-d8  
Concen: 51.829 ug/l  
RT: 10.34 min Scan# 1431  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.2  | 53.0  | 79.4  |





#51

4-Methyl-2-Pentanone

Concen: 87.789 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0824SBS01

Tot Ion: 43 Resp: 75044

Ion Ratio Lower Upper

43 100

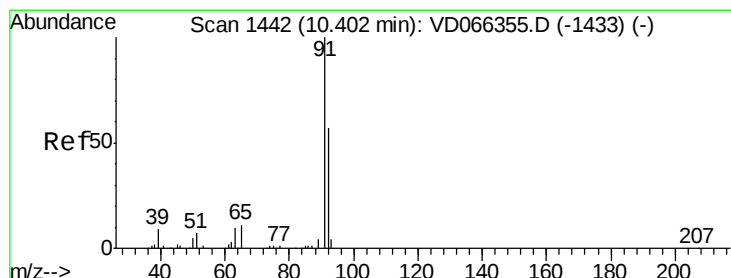
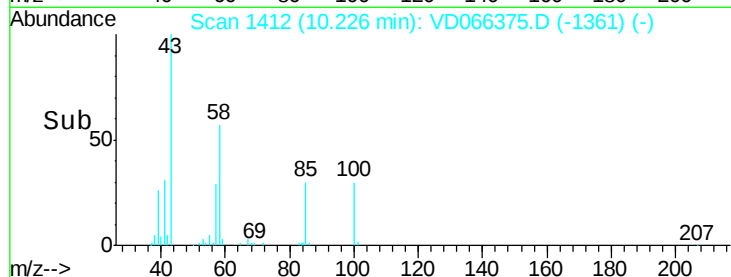
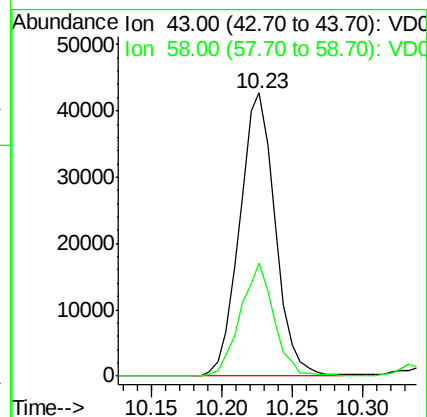
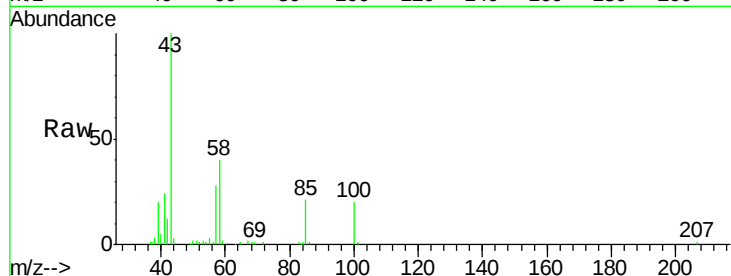
58 38.0 31.4 47.2

Manual Integrations

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#52

Toluene

Concen: 18.975 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066375.D

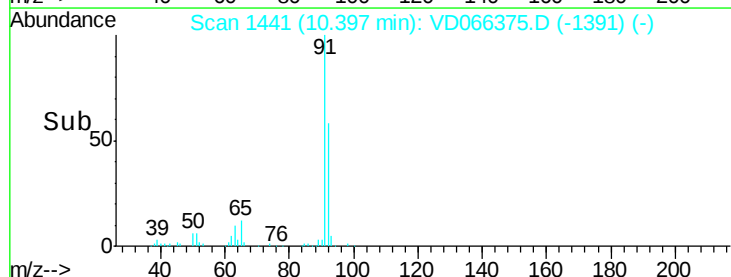
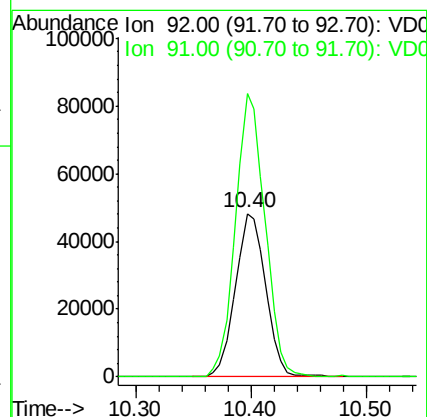
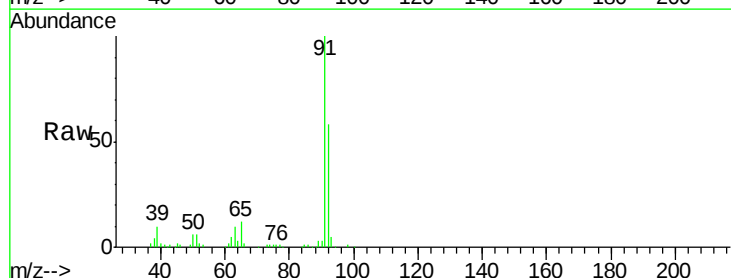
Acq: 24 Aug 2020 12:29

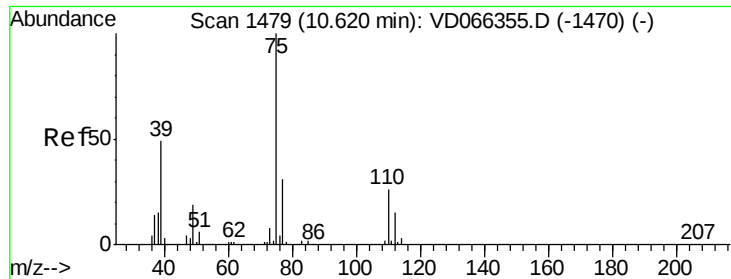
Tgt Ion: 92 Resp: 87538

Ion Ratio Lower Upper

92 100

91 169.6 135.8 203.6





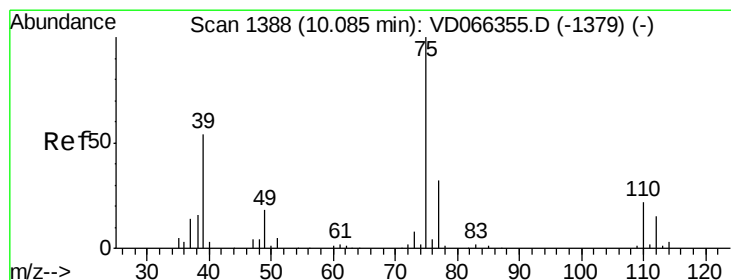
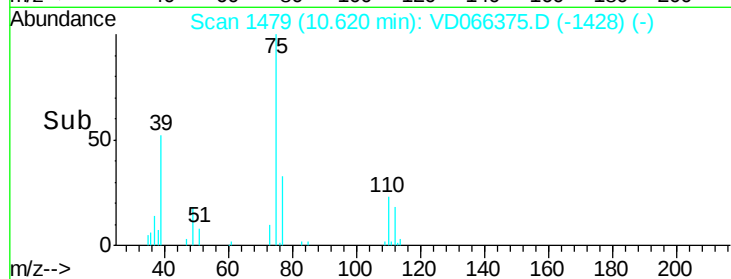
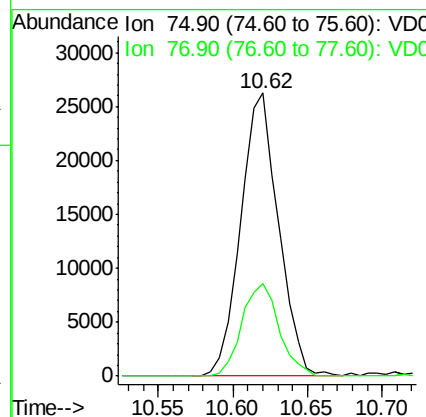
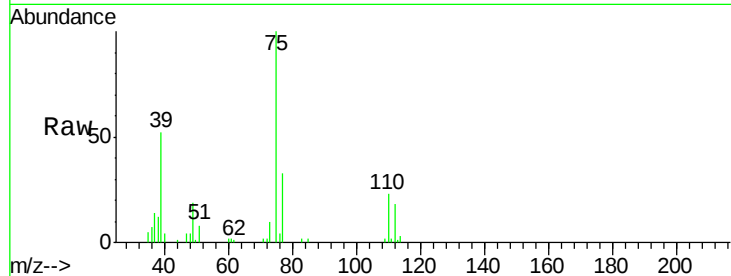
#53  
 t-1,3-Dichloropropene  
 Concen: 18.394 ug/l  
 RT: 10.62 min Scan# 1479  
 Delta R.T. 0.00 min  
 Lab File: VD066375.D  
 Acq: 24 Aug 2020 12:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0824SBS01

Tot Ion: 75 Resp: 46135  
 Ion Ratio Lower Upper  
 75 100  
 77 33.0 24.5 36.7

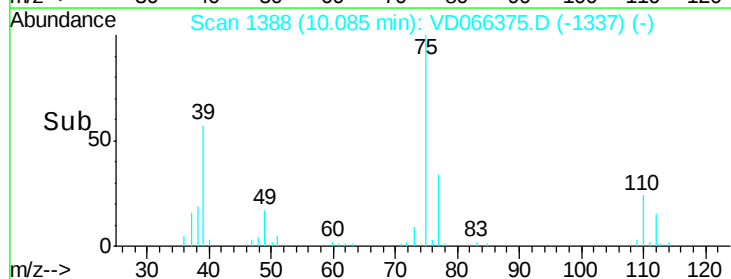
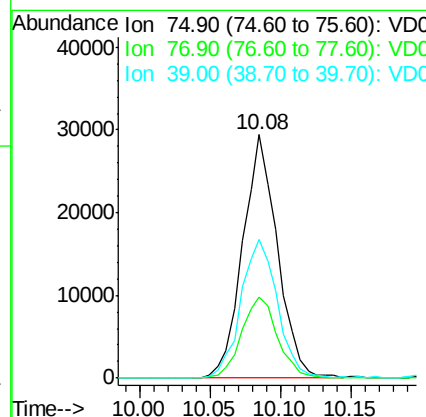
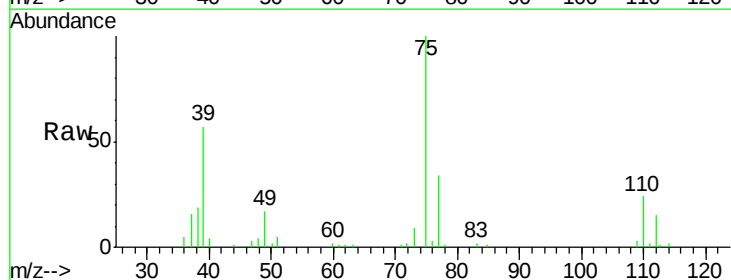
Manual Integrations  
 APPROVED

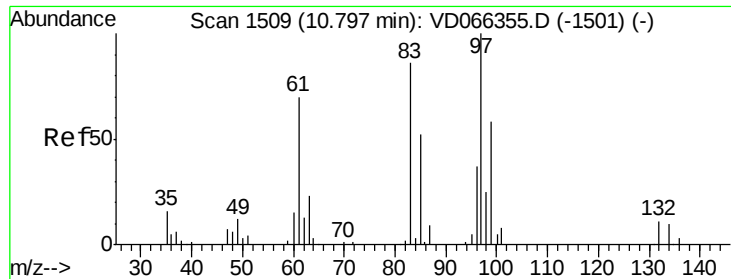
MMDadoda  
 8/25/2020 3:32:55 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 17.984 ug/l  
 RT: 10.08 min Scan# 1388  
 Delta R.T. 0.00 min  
 Lab File: VD066375.D  
 Acq: 24 Aug 2020 12:29

Tgt Ion: 75 Resp: 50630  
 Ion Ratio Lower Upper  
 75 100  
 77 33.5 25.6 38.4  
 39 57.1 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 17.718 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

ClientSampleId :

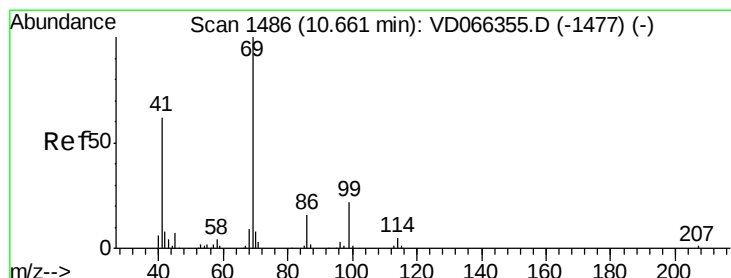
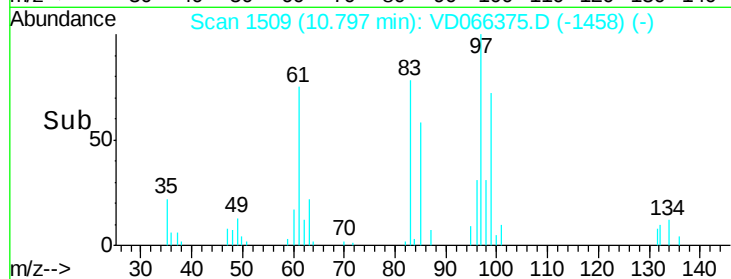
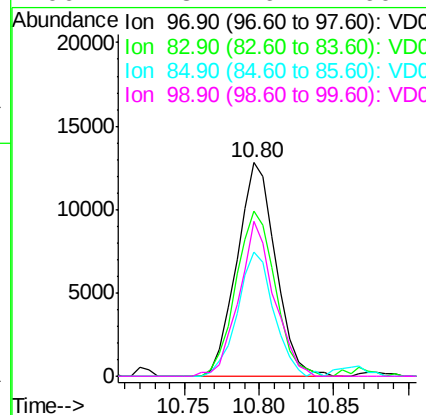
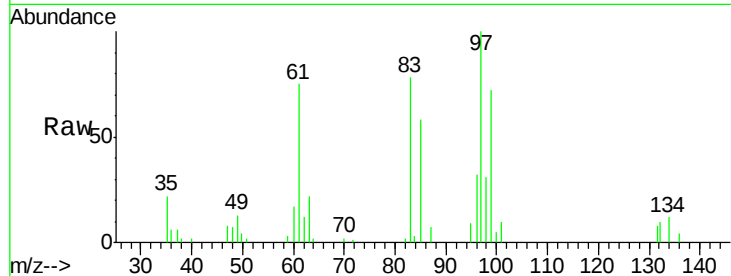
VD0824SBSD01

Tot Ion: 97 Resp: 23055

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 77.5  | 68.4  | 102.6 |
| 85  | 58.2  | 41.3  | 61.9  |
| 99  | 72.3  | 46.1  | 69.1  |

Manual Integrations  
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MMDadoda  
8/25/2020 3:32:55 PM



#56

Ethyl methacrylate

Concen: 17.846 ug/l

RT: 10.66 min Scan# 1486

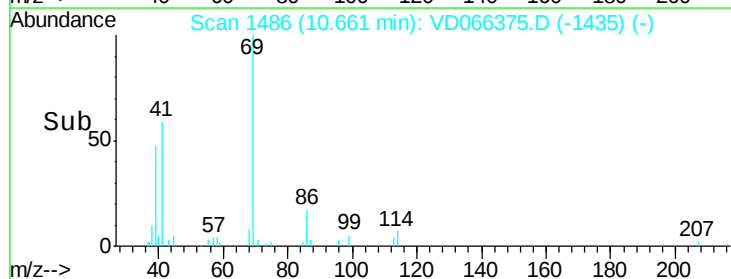
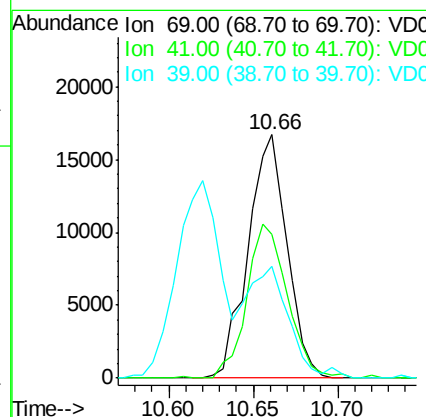
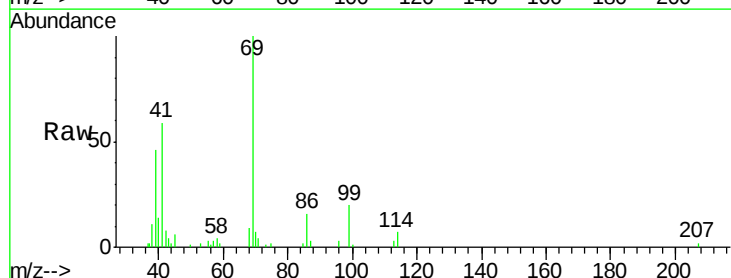
Delta R.T. 0.00 min

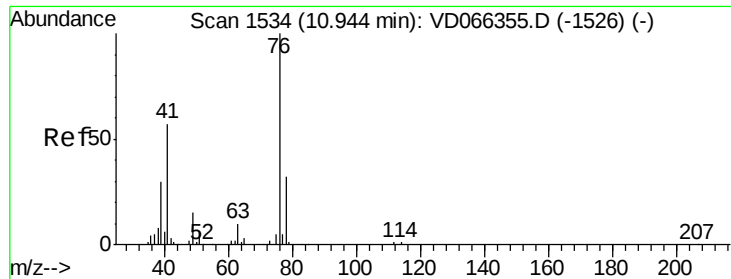
Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Tgt Ion: 69 Resp: 26881

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 65.9  | 50.8  | 76.2  |
| 39  | 50.8  | 32.9  | 49.3  |





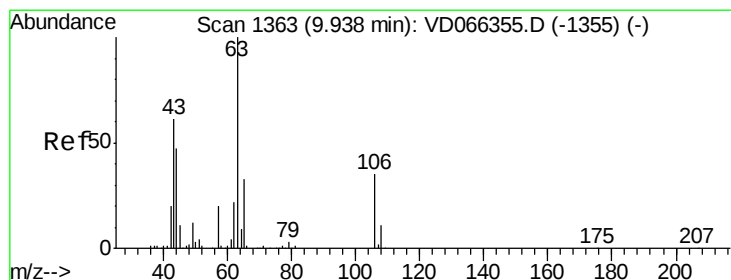
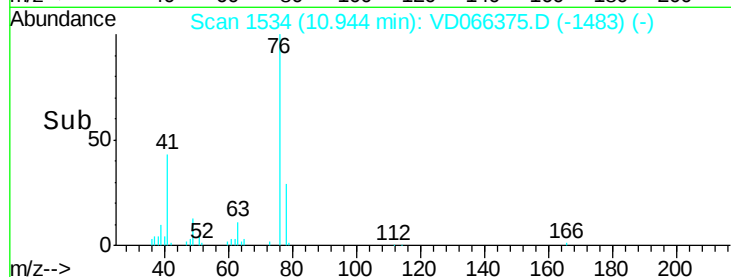
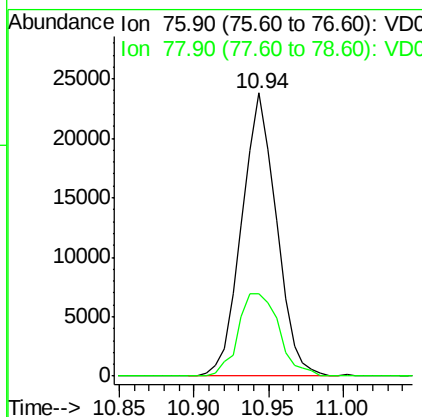
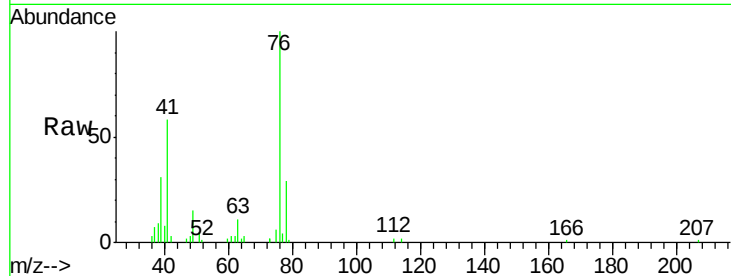
#57  
 1,3-Dichloropropane  
 Concen: 17.879 ug/l  
 RT: 10.94 min Scan# 1534  
 Delta R.T. 0.00 min  
 Lab File: VD066375.D  
 Acq: 24 Aug 2020 12:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0824SBSD01

Tot Ion: 76 Resp: 38481  
 Ion Ratio Lower Upper  
 76 100  
 78 34.1 25.6 38.4

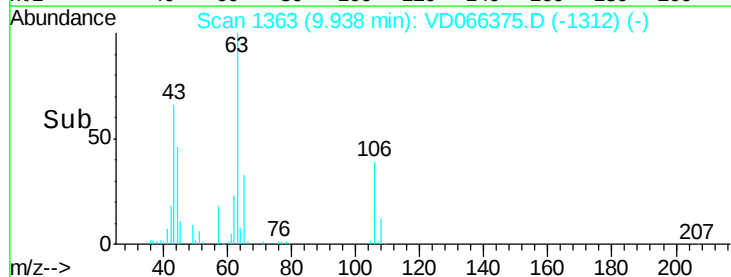
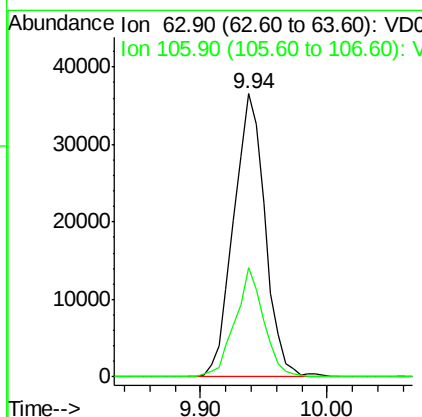
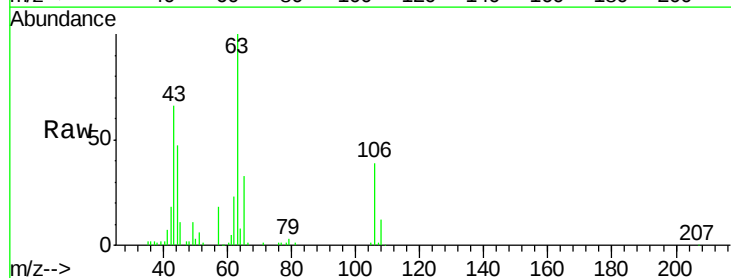
Manual Integrations  
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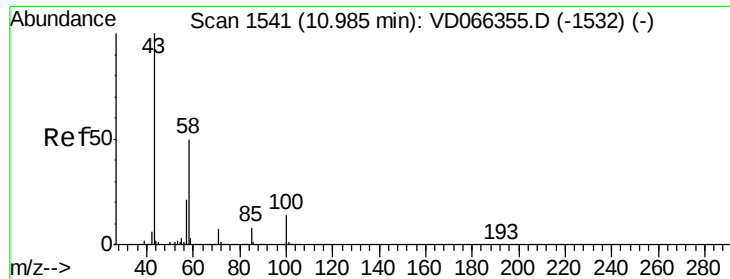
MMDadoda  
 8/25/2020 3:32:55 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 100.243 ug/l  
 RT: 9.94 min Scan# 1363  
 Delta R.T. 0.00 min  
 Lab File: VD066375.D  
 Acq: 24 Aug 2020 12:29

Tgt Ion: 63 Resp: 62712  
 Ion Ratio Lower Upper  
 63 100  
 106 35.1 27.1 40.7





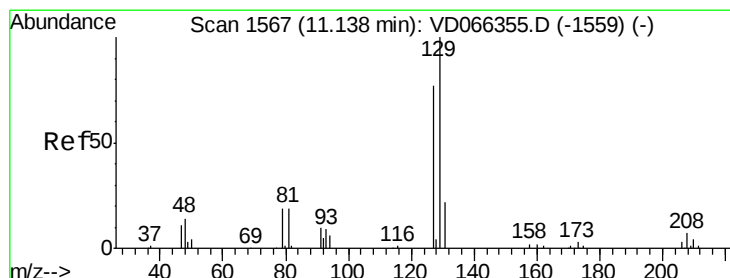
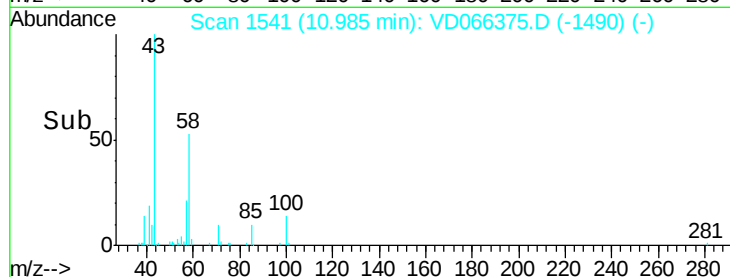
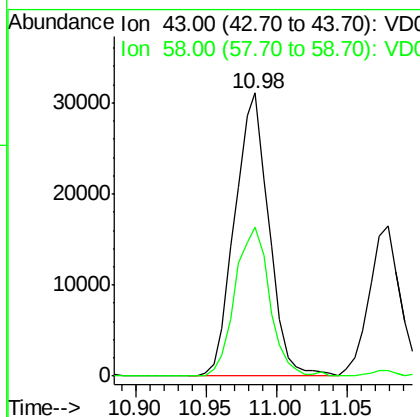
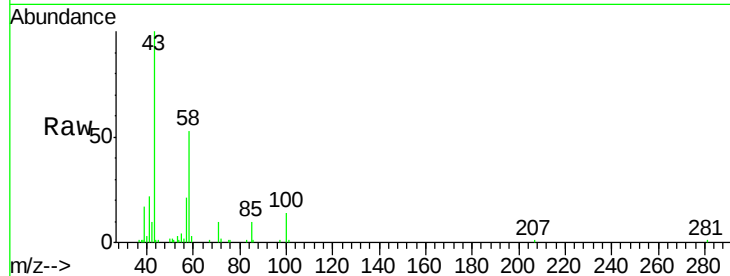
#59  
2-Hexanone  
Concen: 87.015 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBSD01

Tot Ion: 43 Resp: 52467  
Ion Ratio Lower Upper  
43 100  
58 53.5 26.3 78.8

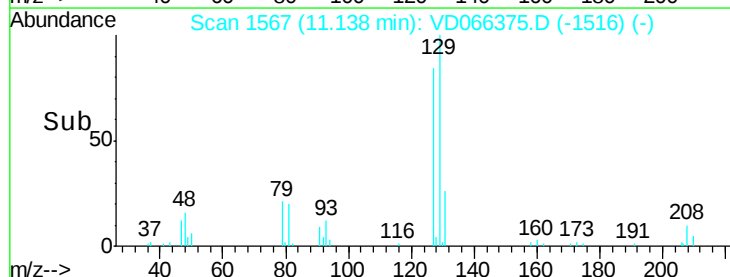
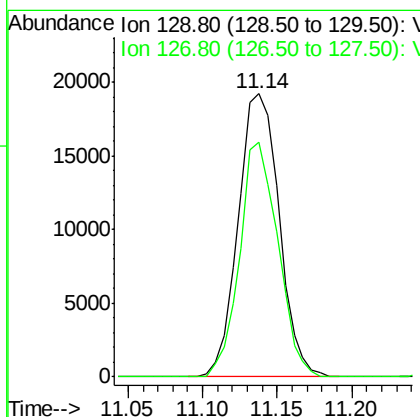
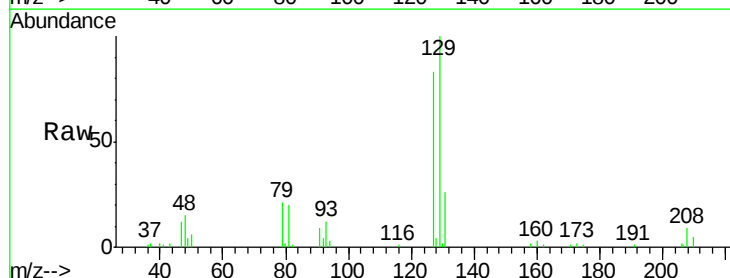
Manual Integrations  
APPROVED

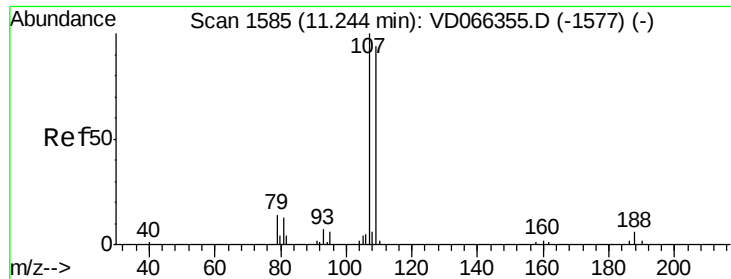
MMDadoda  
8/25/2020 3:32:55 PM



#60  
Dibromochloromethane  
Concen: 18.665 ug/l  
RT: 11.14 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Tgt Ion:129 Resp: 36609  
Ion Ratio Lower Upper  
129 100  
127 77.4 39.0 117.0





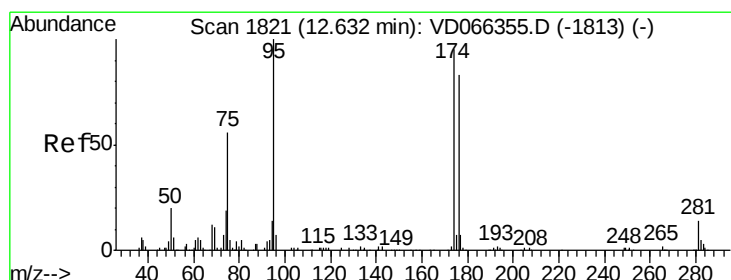
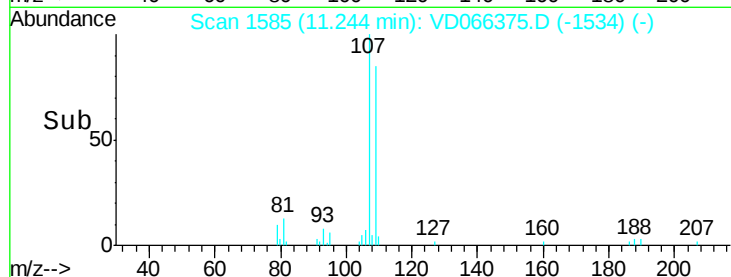
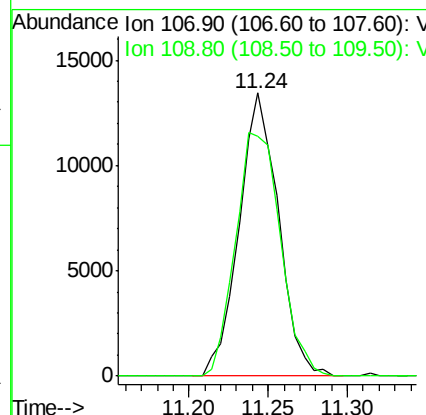
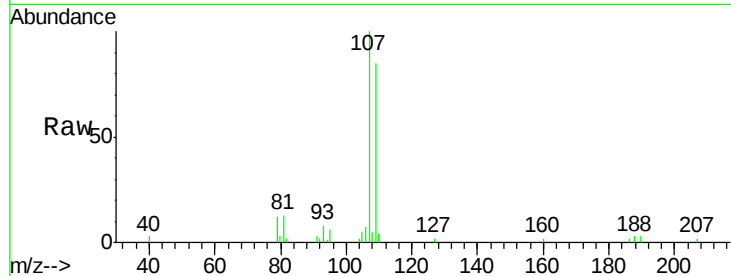
#61  
 1,2-Dibromoethane  
 Concen: 18.090 ug/l  
 RT: 11.24 min Scan# 1585  
 Delta R.T. 0.00 min  
 Lab File: VD066375.D  
 Acq: 24 Aug 2020 12:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0824SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 98.3  | 77.8  | 116.8 |

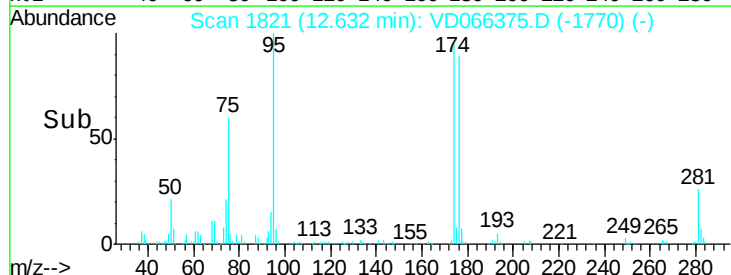
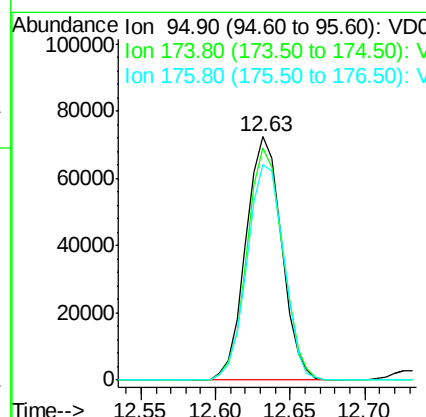
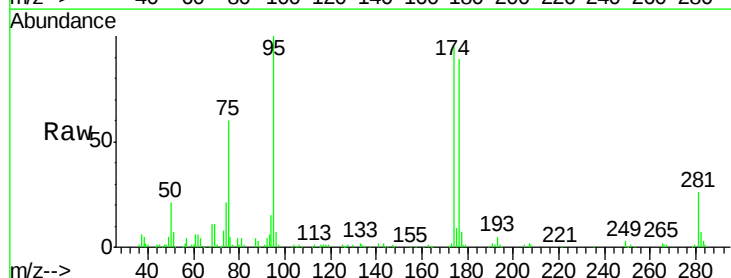
Manual Integrations  
 APPROVED

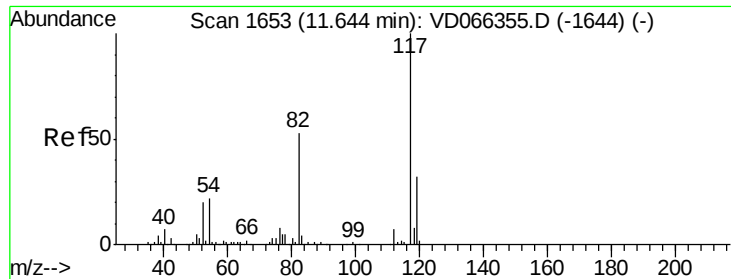
MMDadoda  
 8/25/2020 3:32:55 PM



#62  
 4-Bromofluorobenzene  
 Concen: 52.217 ug/l  
 RT: 12.63 min Scan# 1821  
 Delta R.T. 0.00 min  
 Lab File: VD066375.D  
 Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 95.4  | 0.0   | 183.4 |
| 176     | 90.9  | 0.0   | 173.8 |





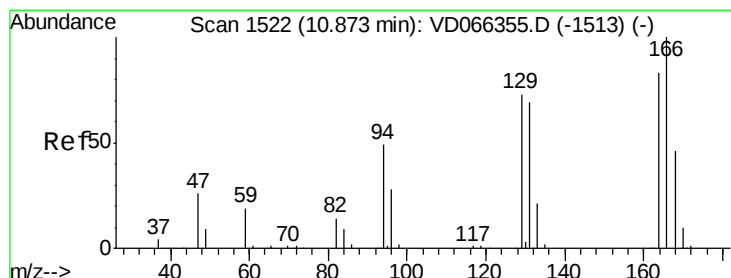
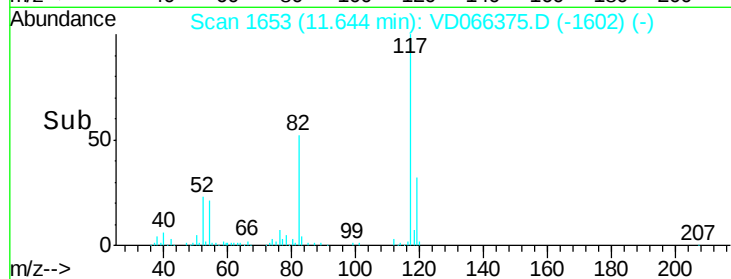
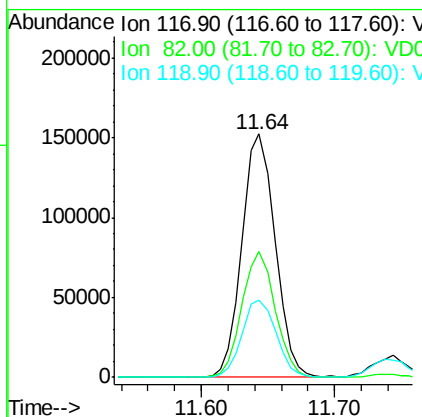
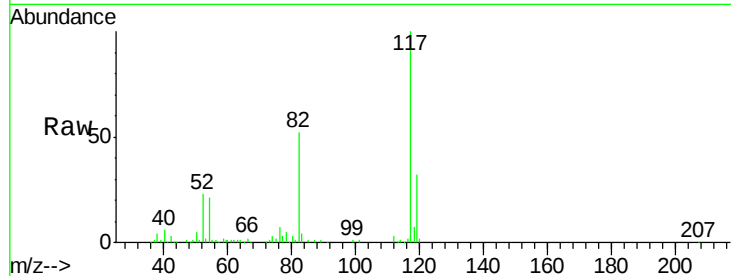
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1653  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 263131 |       |       |
| 82      | 51.8  | 42.8   | 64.2  |       |
| 119     | 31.9  | 25.8   | 38.8  |       |

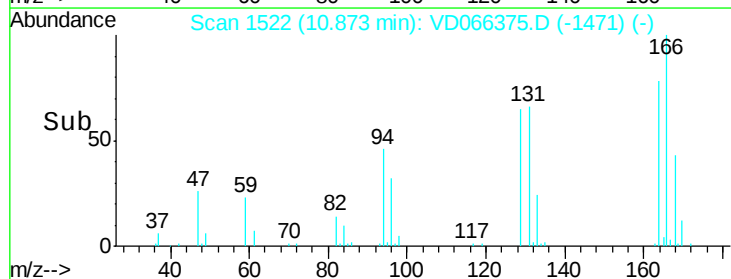
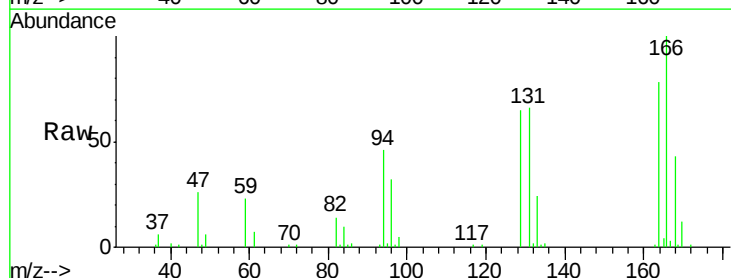
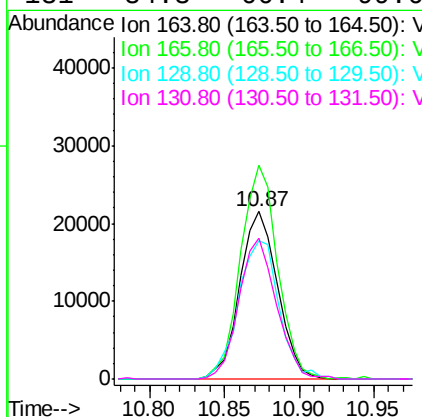
Manual Integrations  
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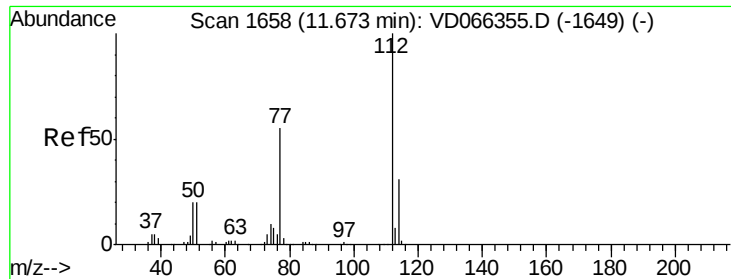
MMDadoda  
8/25/2020 3:32:55 PM



#64  
Tetrachloroethene  
Concen: 18.964 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 37854 |       |       |
| 166     | 127.7 | 96.2  | 144.4 |       |
| 129     | 82.5  | 70.3  | 105.5 |       |
| 131     | 84.3  | 66.4  | 99.6  |       |





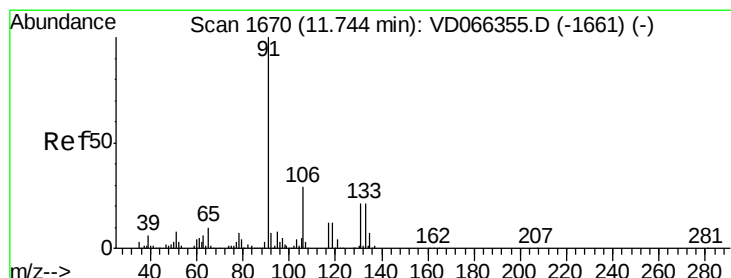
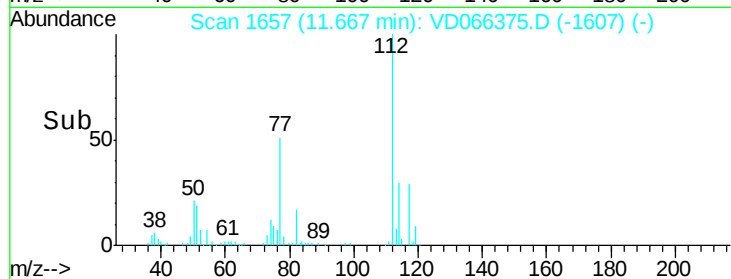
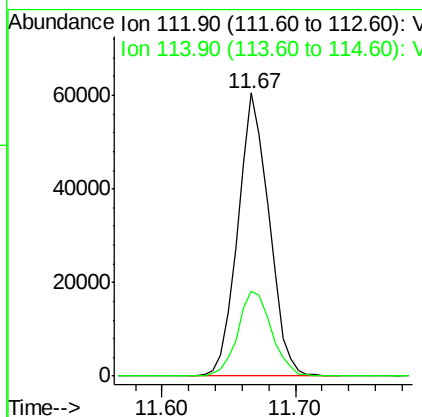
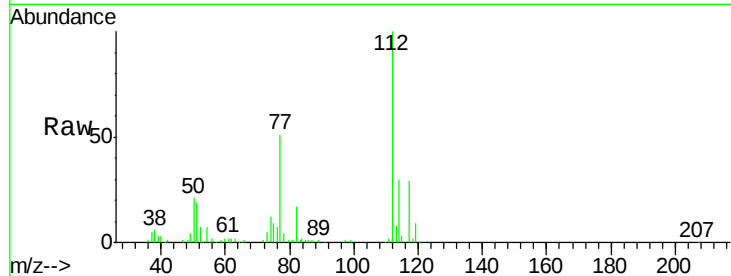
#65  
Chlorobenzene  
Concen: 18.657 ug/l  
RT: 11.67 min Scan# 1657  
Delta R.T. -0.01 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 30.2  | 25.1  | 37.7  |

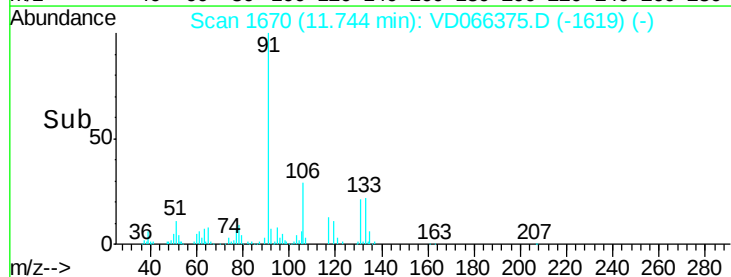
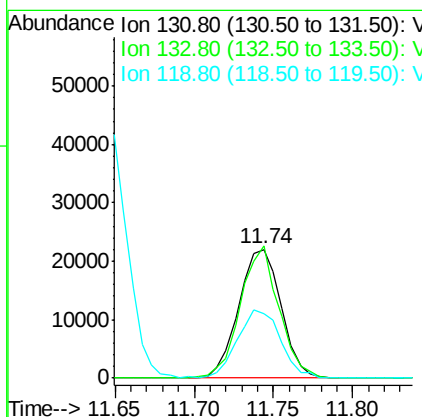
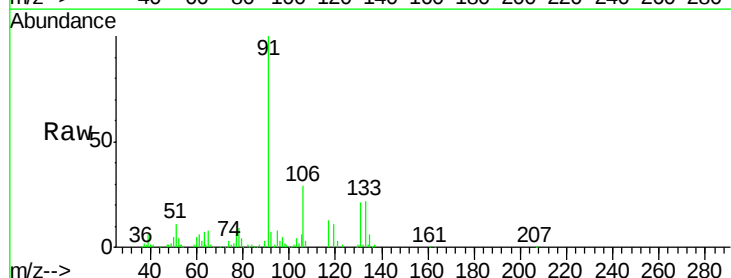
Manual Integrations  
APPROVED

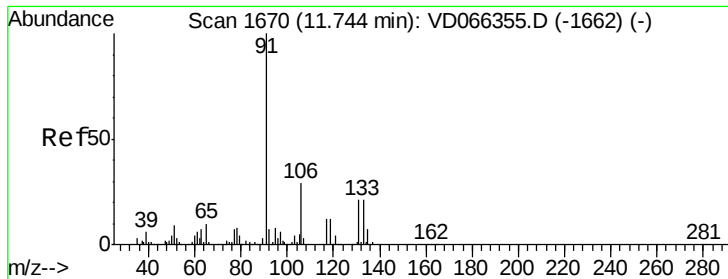
MMDadoda  
8/25/2020 3:32:55 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.084 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 93.5  | 48.6  | 145.9 |
| 119     | 54.1  | 29.0  | 87.1  |





#67

Ethyl Benzene

Concen: 18.623 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0824SBS01

Tot Ion: 91 Resp: 171613

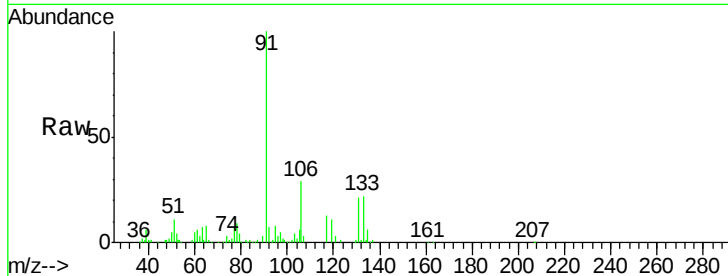
Ion Ratio Lower Upper

91 100

106 29.1 23.4 35.2

Manual Integrations  
APPROVED

MMDadoda  
8/25/2020 3:32:55 PM



Abundance Ion 91.00 (90.70 to 91.70): VD066375.D (-1619) (-)

Ion 106.00 (105.70 to 106.70): VD066375.D (-1619) (-)

150000

100000

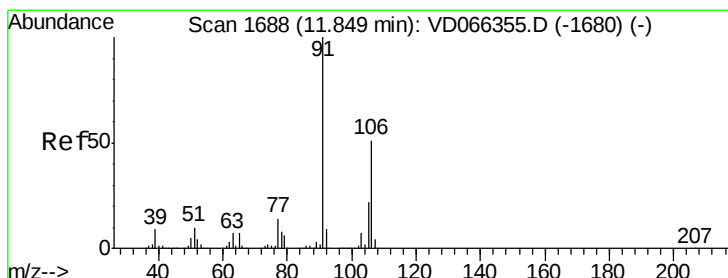
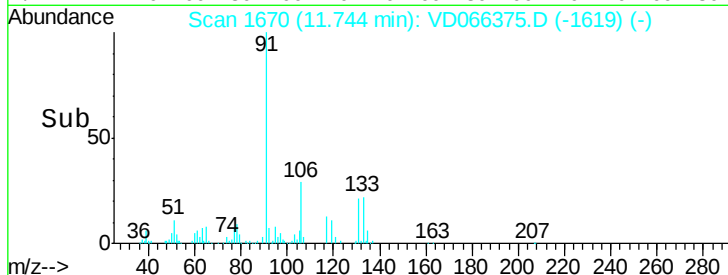
50000

0

11.74

11.80

Time-->



#68

m/p-Xylenes

Concen: 37.728 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066375.D

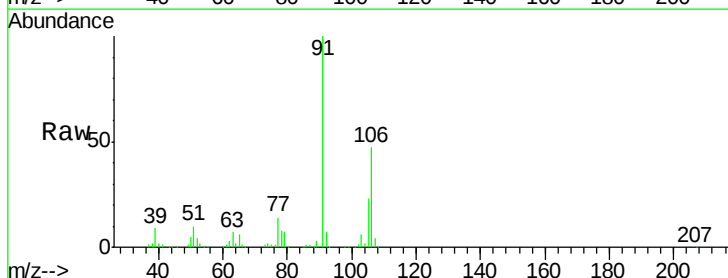
Acq: 24 Aug 2020 12:29

Tgt Ion: 106 Resp: 132514

Ion Ratio Lower Upper

106 100

91 203.7 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066375.D (-1637) (-)

Ion 91.00 (90.70 to 91.70): VD066375.D (-1637) (-)

150000

100000

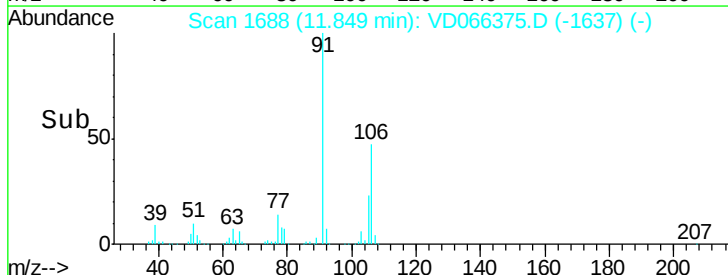
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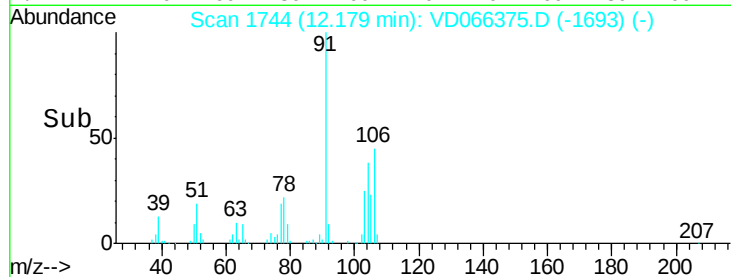
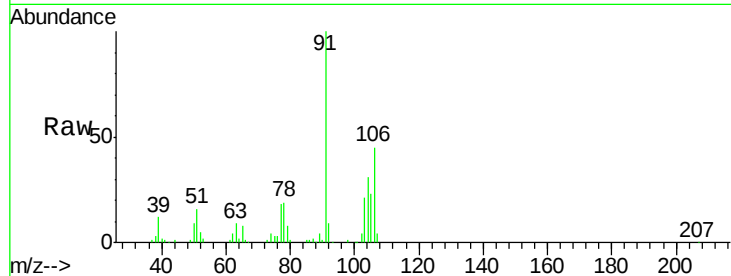
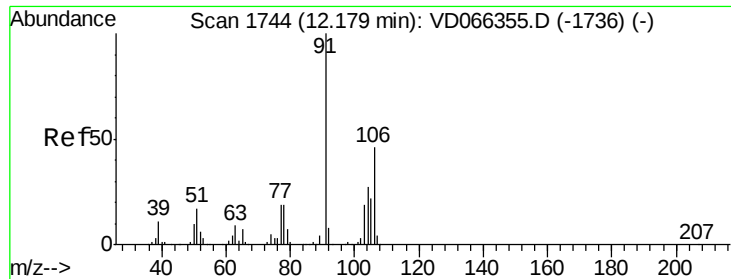
0

11.85

11.90

Time-->





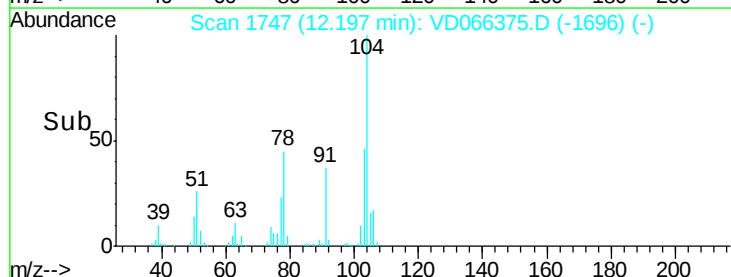
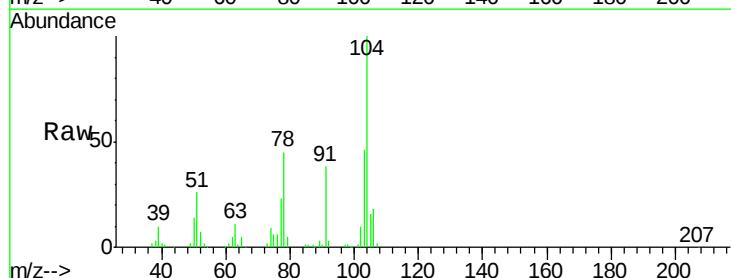
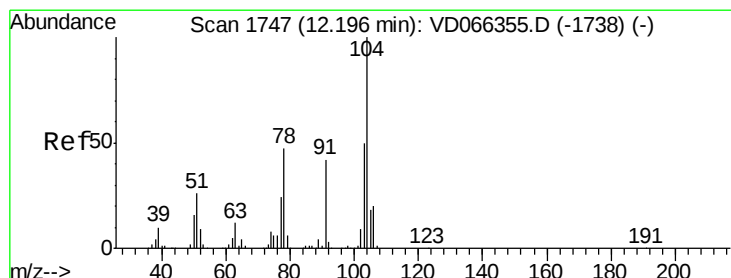
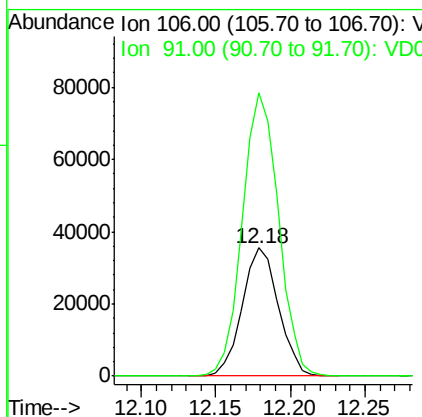
#69  
o-Xylene  
Concen: 18.262 ug/l  
RT: 12.18 min Scan# 1744  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Tot Ion:106 Resp: 59670  
Ion Ratio Lower Upper  
106 100  
91 220.6 109.1 327.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBS01

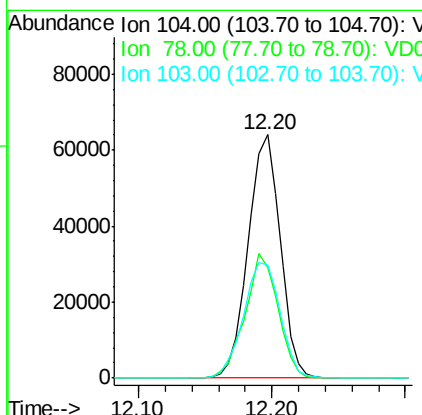
Manual Integrations  
APPROVED

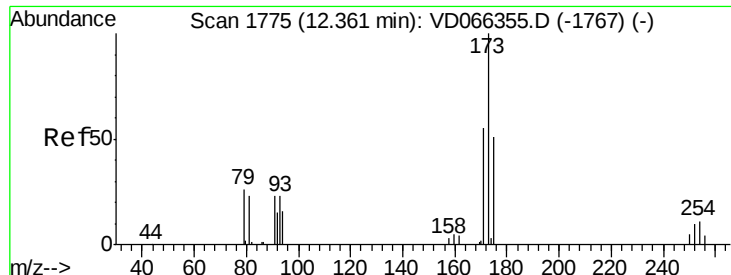
MMDadoda  
8/25/2020 3:32:55 PM



#70  
Styrene  
Concen: 18.974 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Tgt Ion:104 Resp: 106452  
Ion Ratio Lower Upper  
104 100  
78 52.1 41.7 62.5  
103 54.3 43.5 65.3





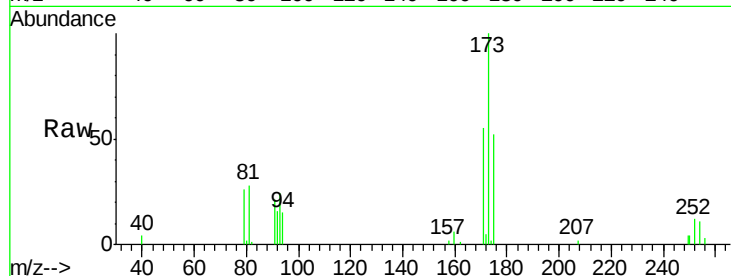
#71  
Bromoform  
Concen: 18.644 ug/l  
RT: 12.36 min Scan# 1775  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBS01

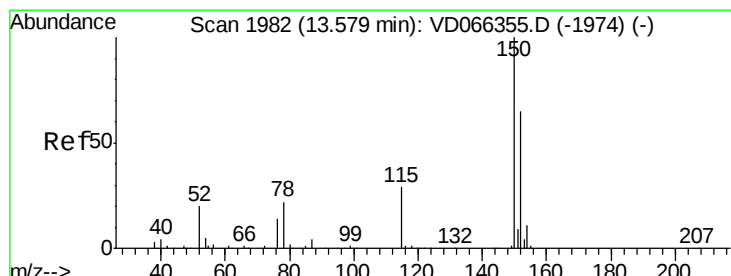
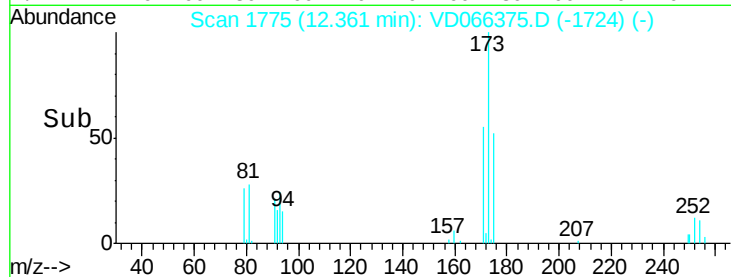
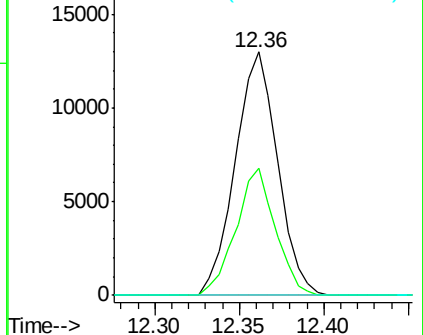
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.5  | 24.8  | 74.3  |
| 254     | 0.0   | 0.0   | 0.0   |

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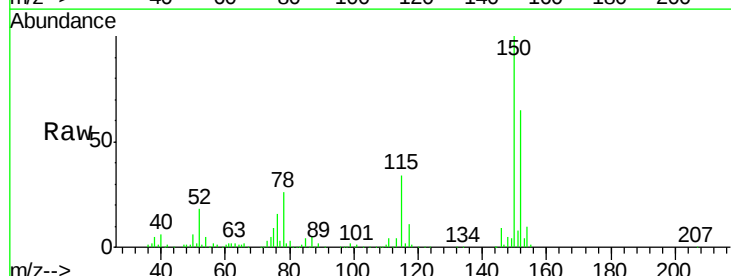


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

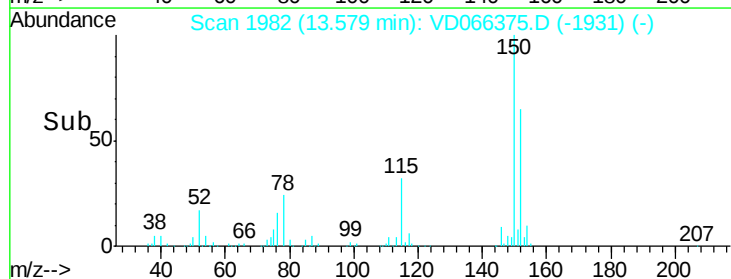
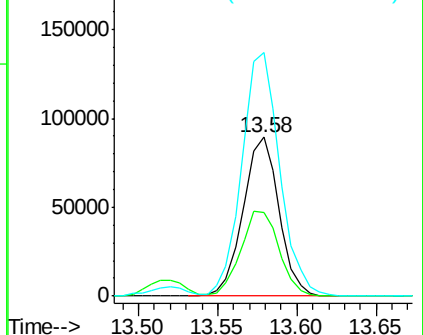


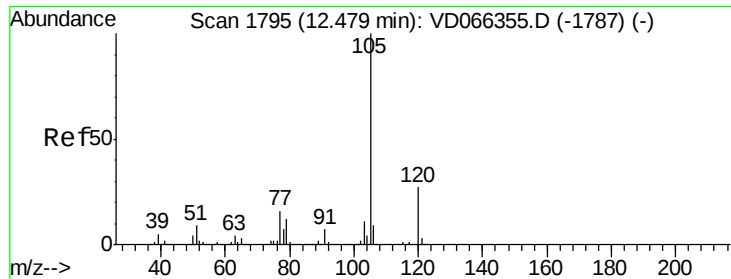
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1982  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 57.5  | 28.3  | 85.0  |
| 150     | 162.2 | 0.0   | 343.2 |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.435 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0824SBS01

Tot Ion: 105 Resp: 173631

Ion Ratio Lower Upper

105 100

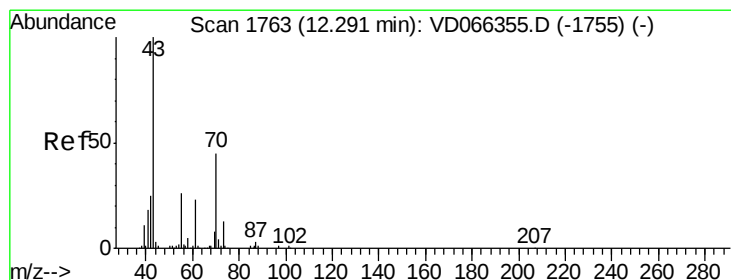
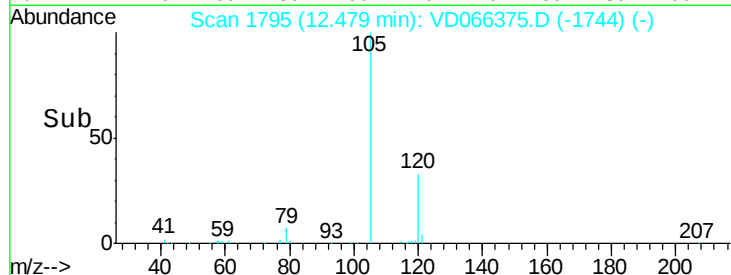
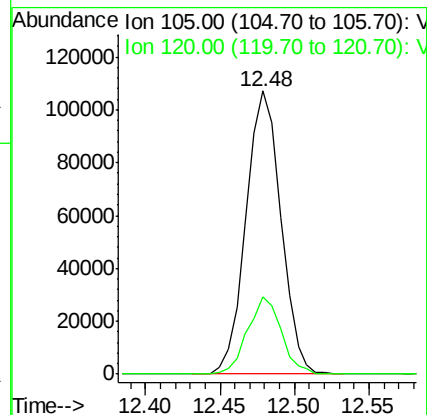
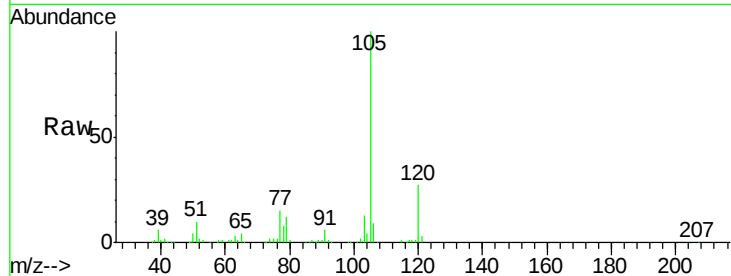
120 26.3 13.6 40.8

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#74

N-ethyl acetate

Concen: 17.331 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Tgt Ion: 43 Resp: 29482

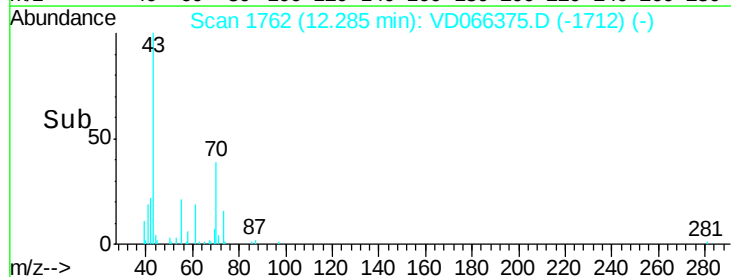
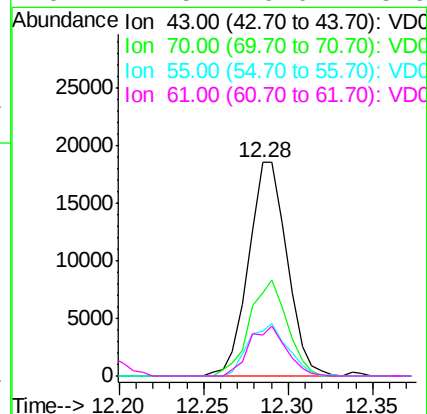
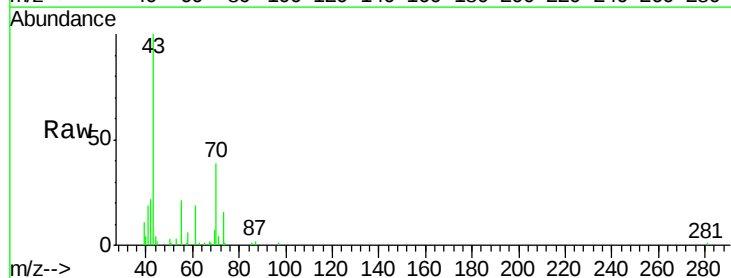
Ion Ratio Lower Upper

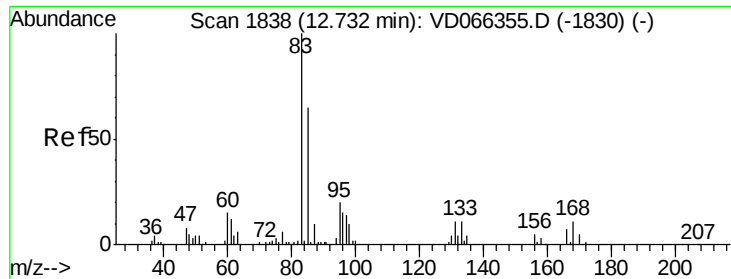
43 100

70 43.9 34.8 52.2

55 25.0 20.3 30.5

61 22.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.419 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

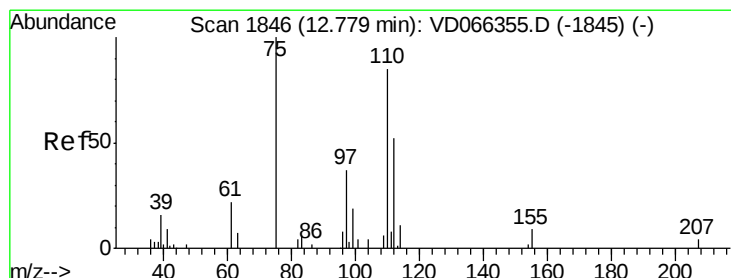
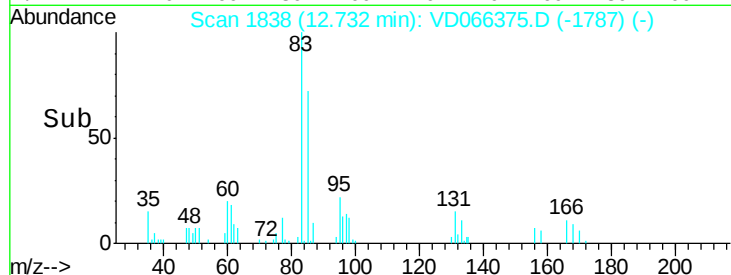
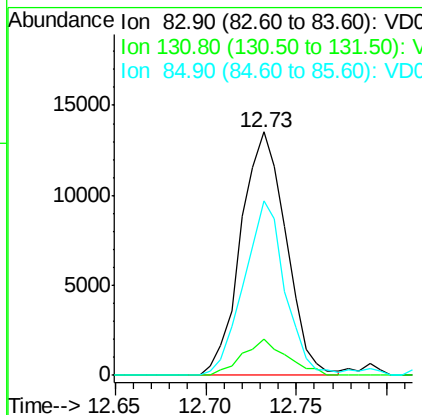
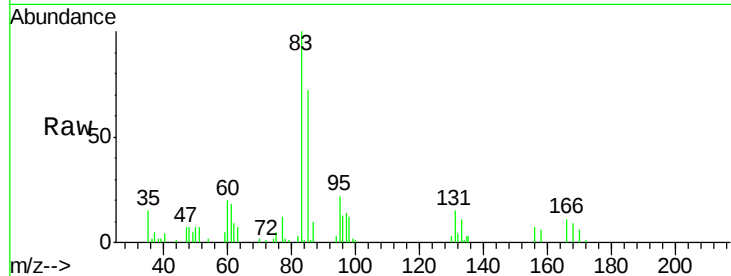
ClientSampleId :

VD0824SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 23437 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 14.6  | 7.0   | 20.9  |
| 85        | 65.2  | 32.4  | 97.0  |

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#76

1,2,3-Trichloropropane

Concen: 21.008 ug/l m

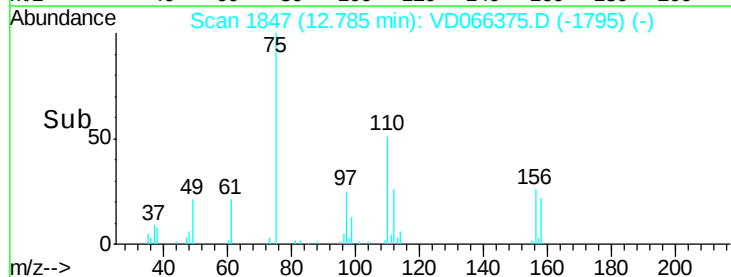
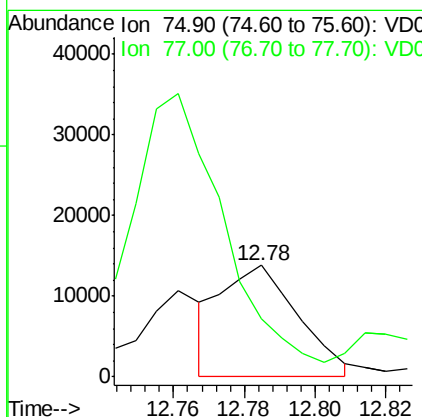
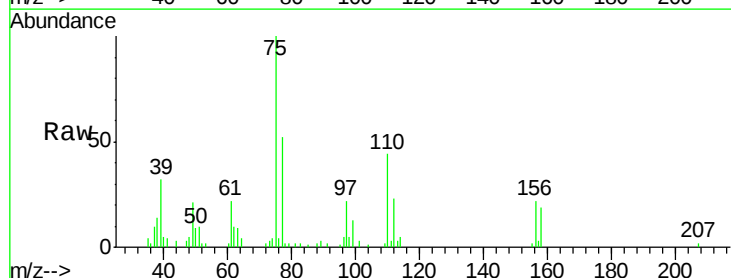
RT: 12.78 min Scan# 1847

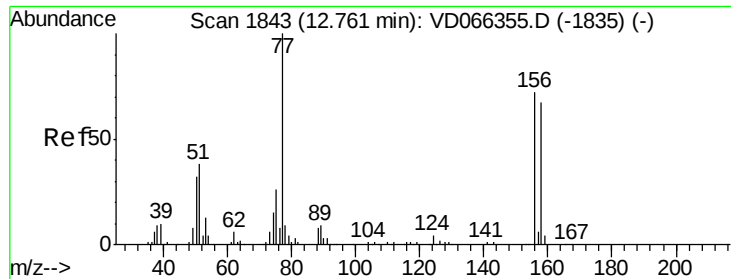
Delta R.T. 0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 20779  |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 182.9 | 548.9# |





#77

Bromobenzene

Concen: 18.175 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

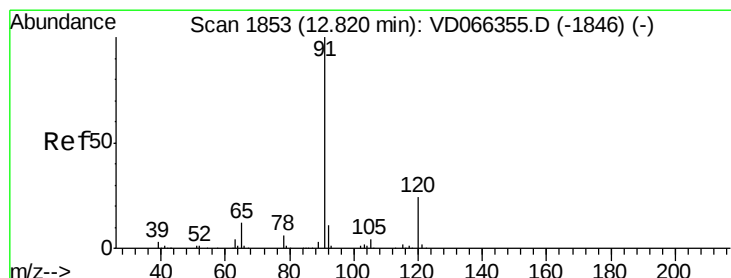
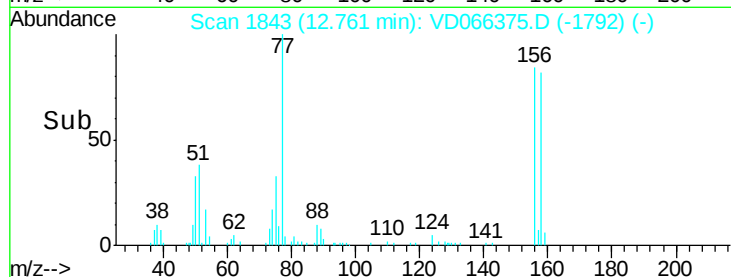
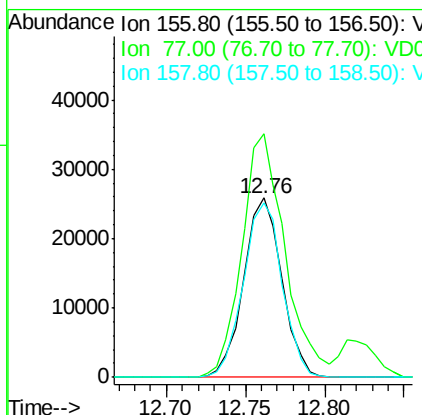
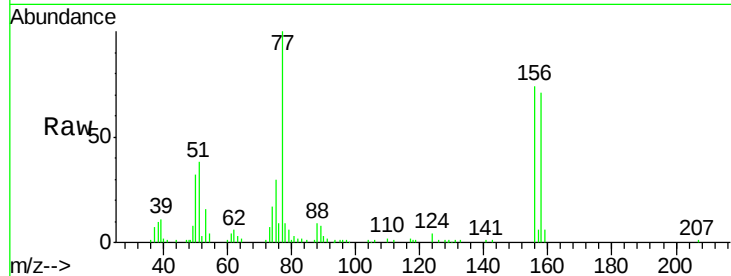
ClientSampleId :

VD0824SBS01

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 156     | 100   |       |       |       |
| 77      | 152.9 | 76.1  | 228.3 |       |
| 158     | 98.9  | 47.6  | 142.9 |       |

Manual Integrations  
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#78

n-propylbenzene

Concen: 18.780 ug/l

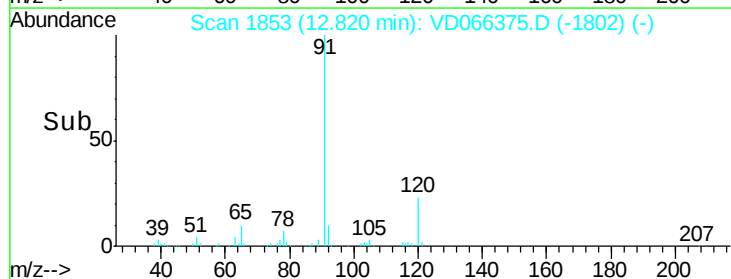
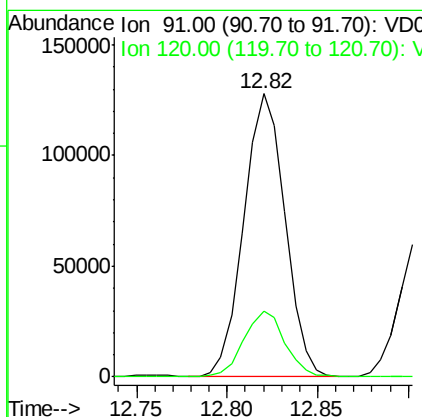
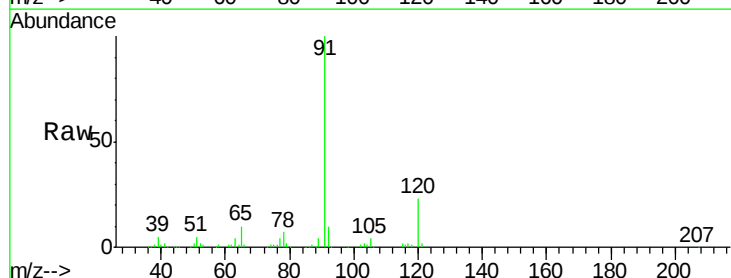
RT: 12.82 min Scan# 1853

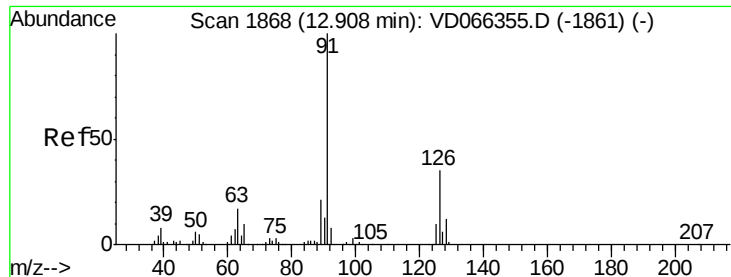
Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 120     | 22.9 | 12.0  | 36.0  |       |





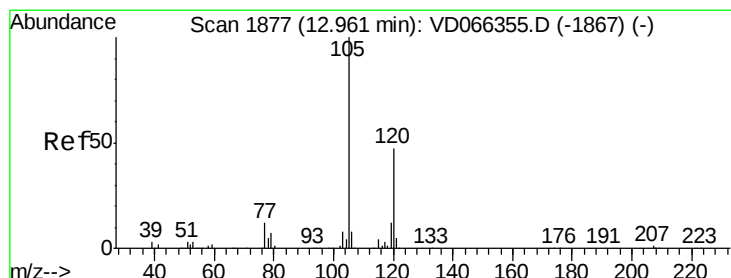
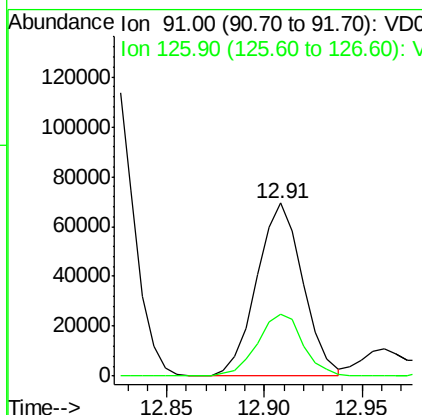
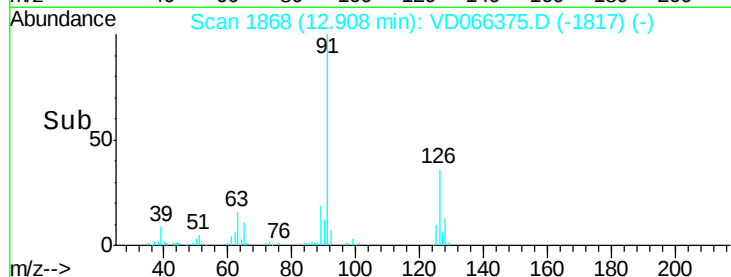
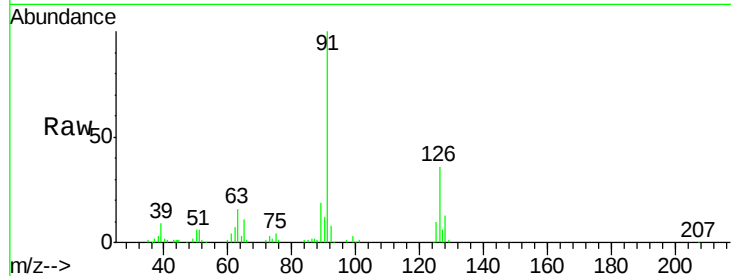
#79  
2-Chlorotoluene  
Concen: 18.383 ug/l  
RT: 12.91 min Scan# 1868  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBSD01

Tot Ion: 91 Resp: 113385  
Ion Ratio Lower Upper  
91 100  
126 35.2 17.7 53.1

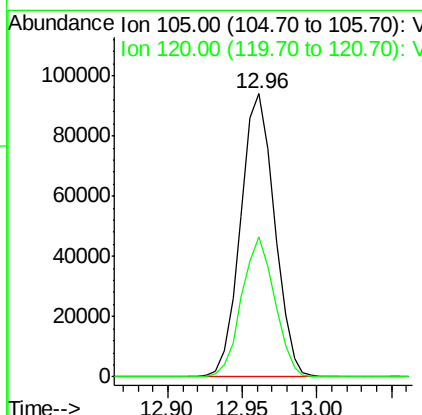
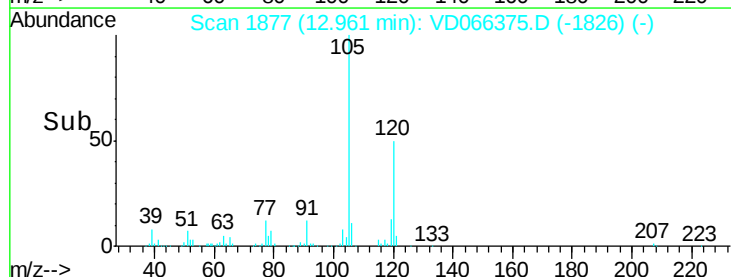
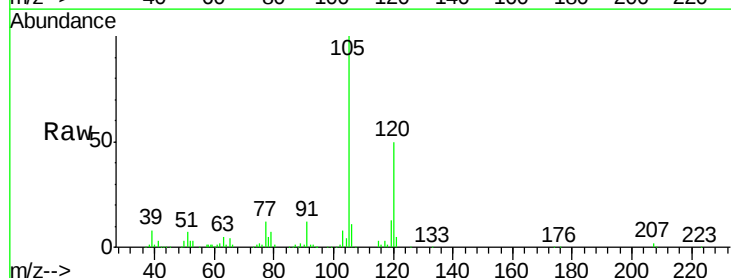
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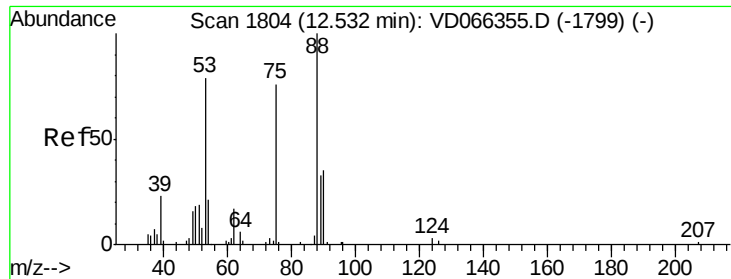
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#80  
1,3,5-Trimethylbenzene  
Concen: 18.179 ug/l  
RT: 12.96 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Tgt Ion: 105 Resp: 147829  
Ion Ratio Lower Upper  
105 100  
120 48.3 24.1 72.2





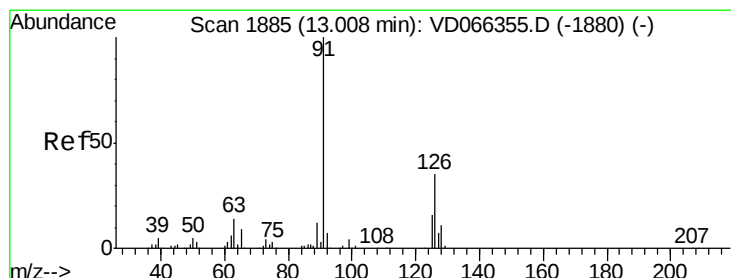
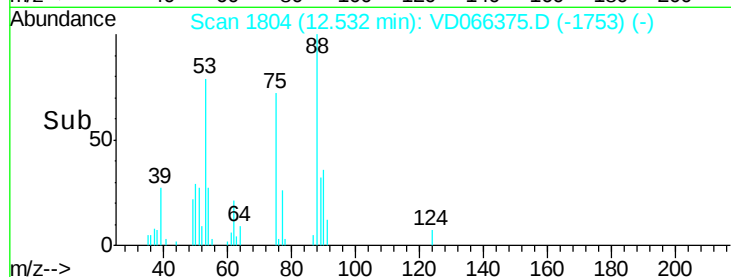
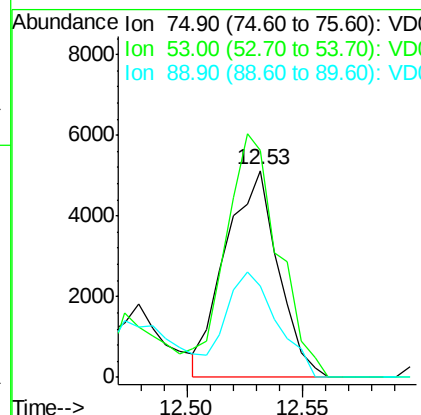
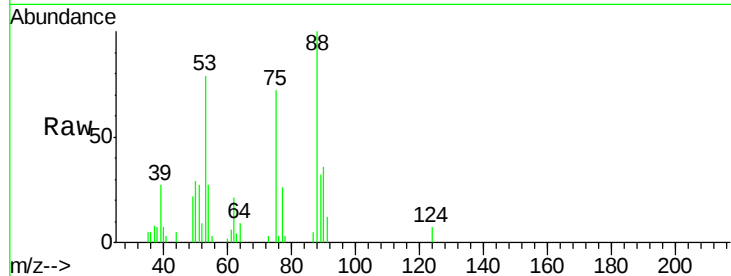
#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.392 ug/l  
RT: 12.53 min Scan# 1804  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 120.2 | 87.4  | 131.2 |
| 89      | 48.9  | 39.4  | 59.0  |

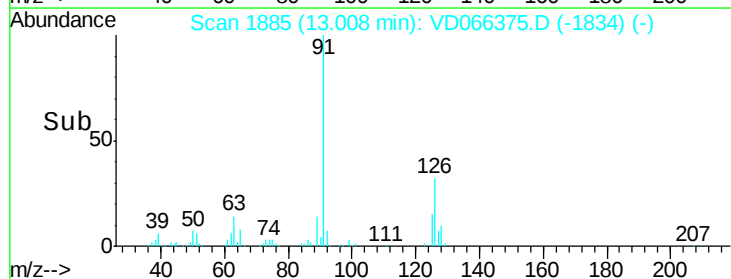
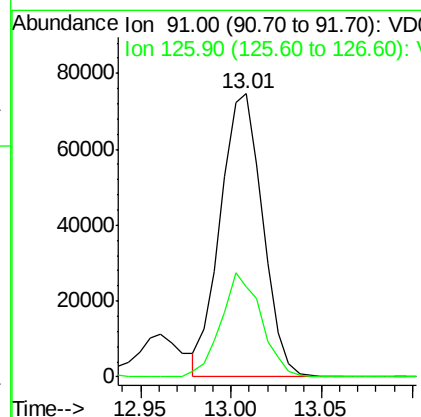
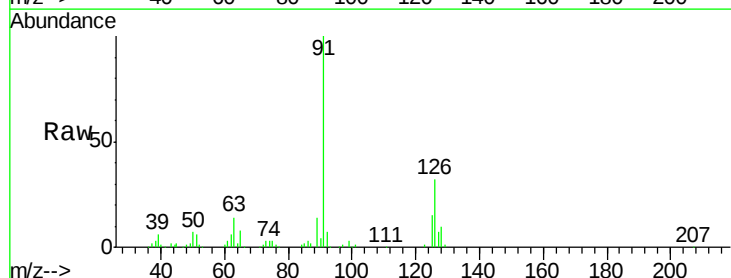
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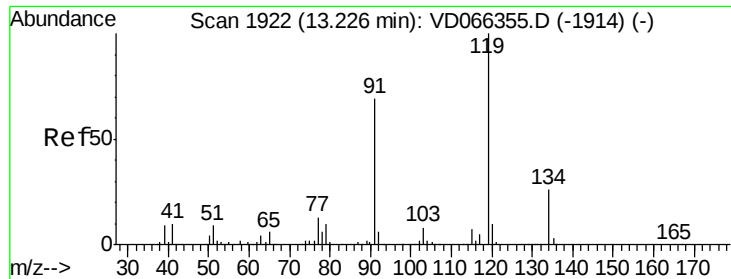
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#82  
4-Chlorotoluene  
Concen: 18.526 ug/l  
RT: 13.01 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.1  | 17.4  | 52.2  |





#83

tert-Butylbenzene

Concen: 19.072 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

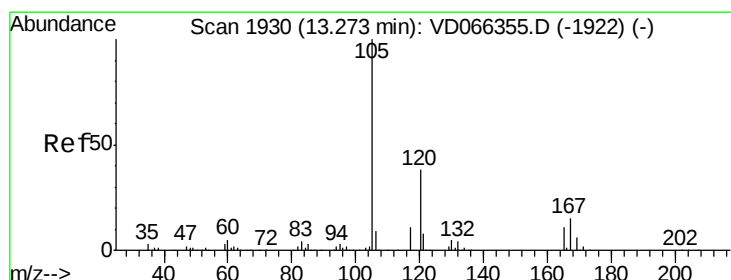
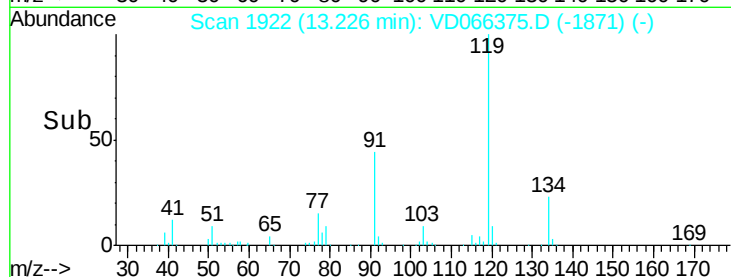
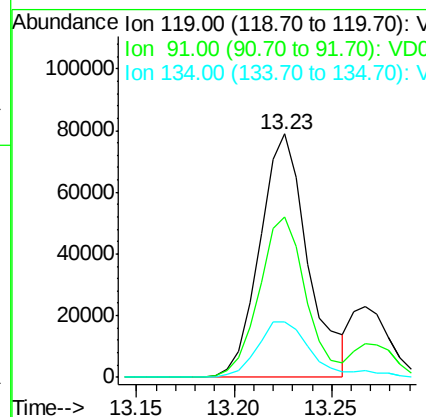
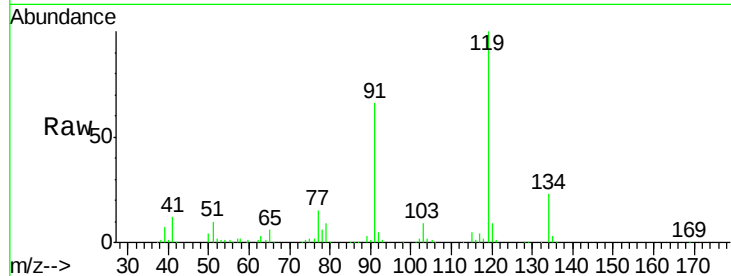
ClientSampleId :

VD0824SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 134714 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 64.0  | 33.5  | 100.5  |
| 134       | 26.2  | 13.5  | 40.4   |

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8/25/2020 3:32:55 PM



#84

1,2,4-Trimethylbenzene

Concen: 18.778 ug/l

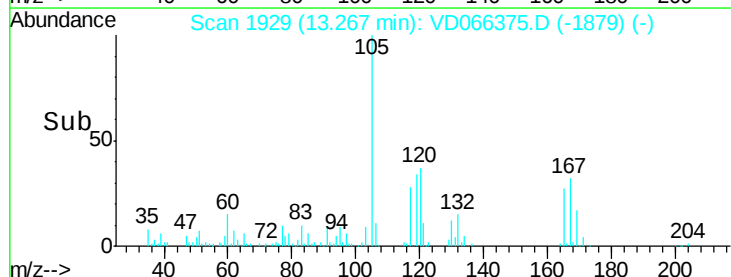
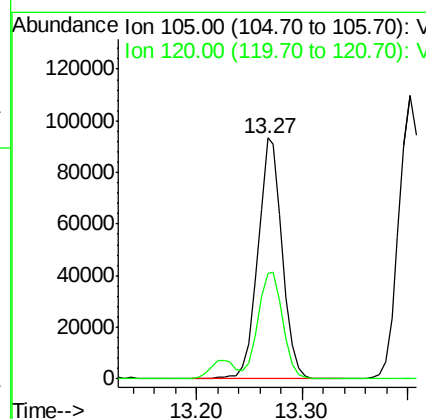
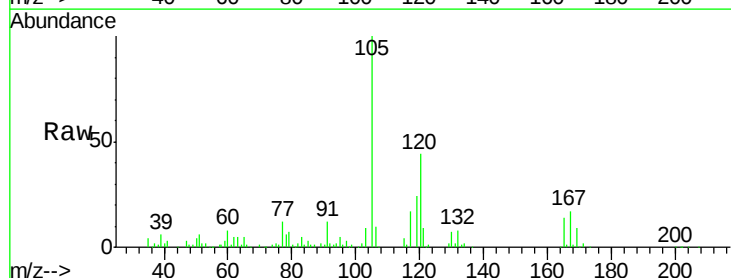
RT: 13.27 min Scan# 1929

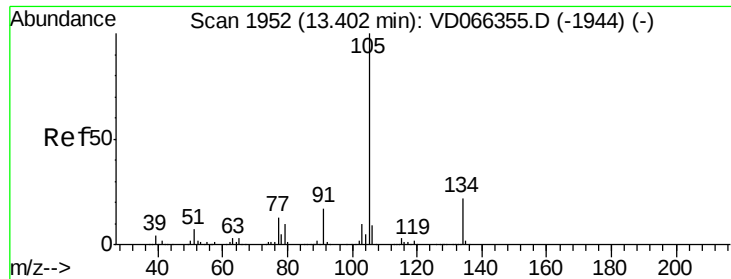
Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 149989 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 44.9  | 22.6  | 67.7   |





#85

sec-Butylbenzene

Concen: 18.730 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0824SBS01

Tot Ion:105 Resp: 173338

Ion Ratio Lower Upper

105 100

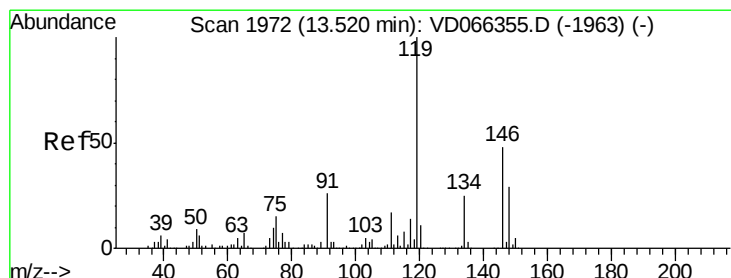
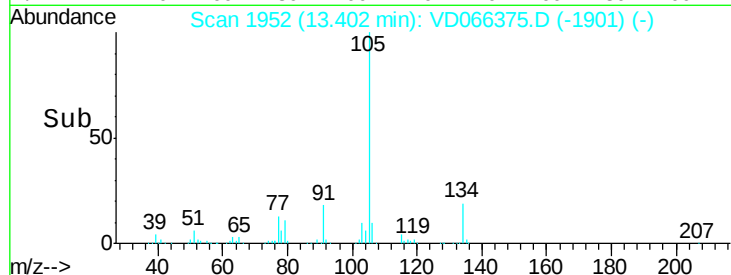
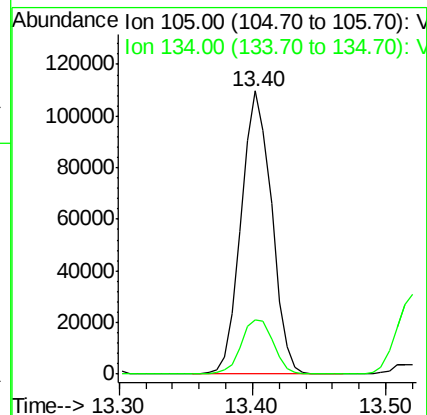
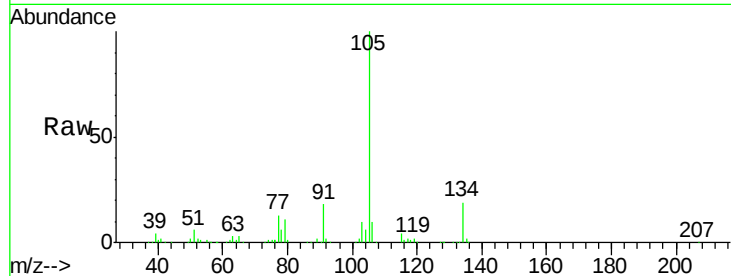
134 20.1 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 19.047 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

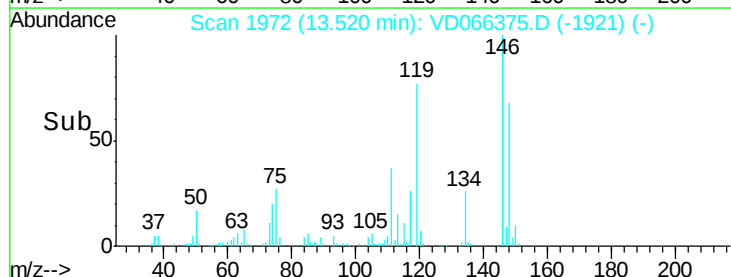
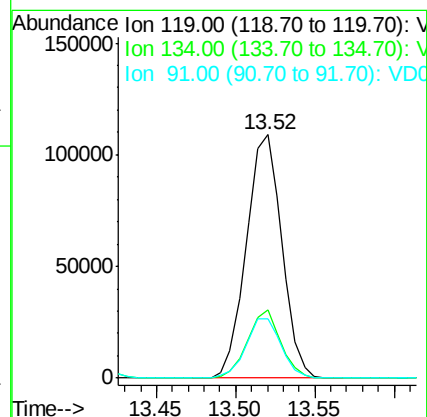
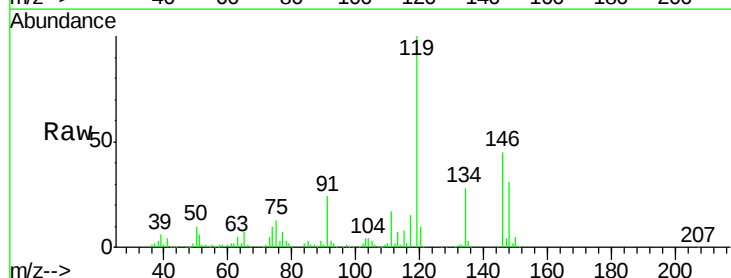
Tgt Ion:119 Resp: 169968

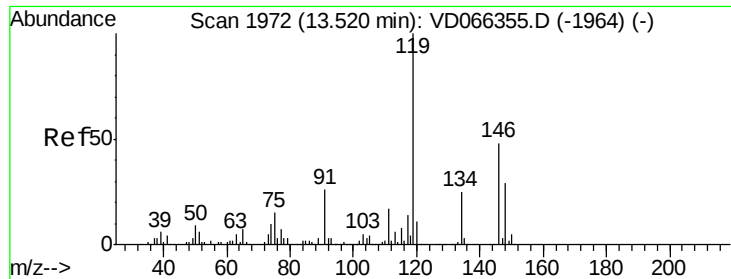
Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.3

91 24.5 12.7 38.0





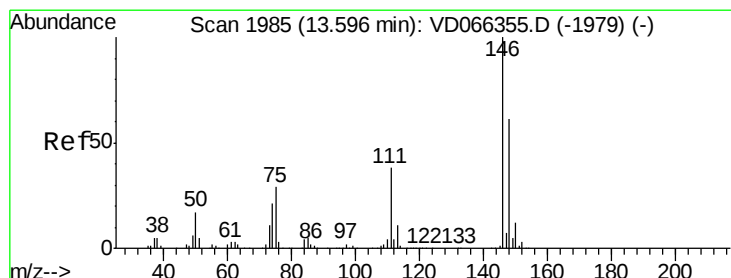
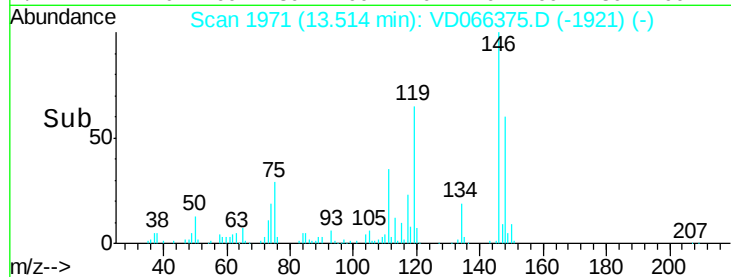
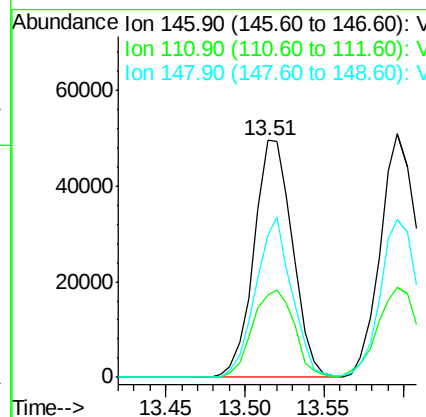
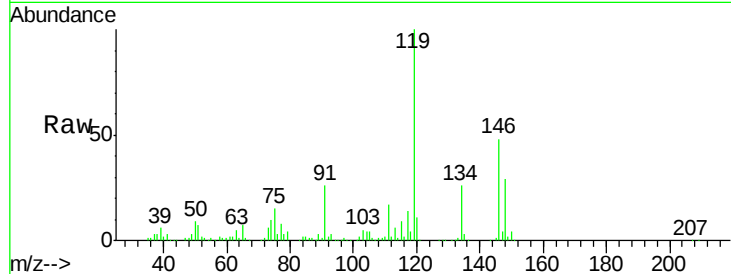
#87  
 1,3-Dichlorobenzene  
 Concen: 18.803 ug/l  
 RT: 13.51 min Scan# 1971  
 Delta R.T. -0.01 min  
 Lab File: VD066375.D  
 Acq: 24 Aug 2020 12:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0824SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 111     | 39.6  | 18.9 | 56.9  |       |
| 148     | 63.3  | 31.8 | 95.3  |       |

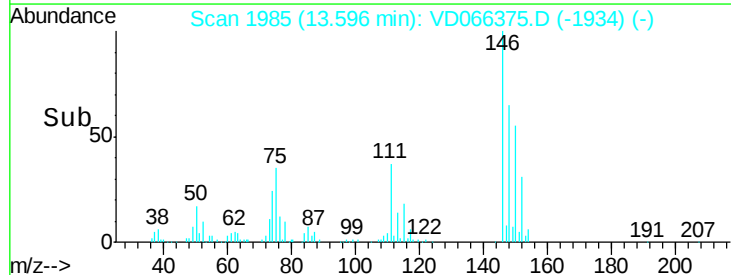
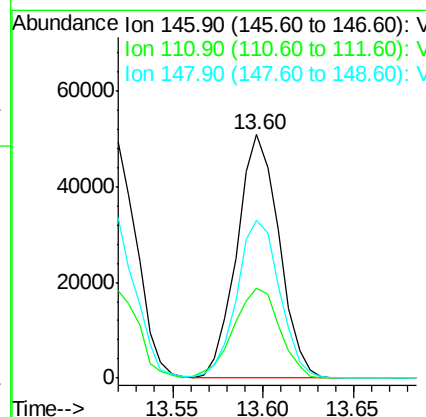
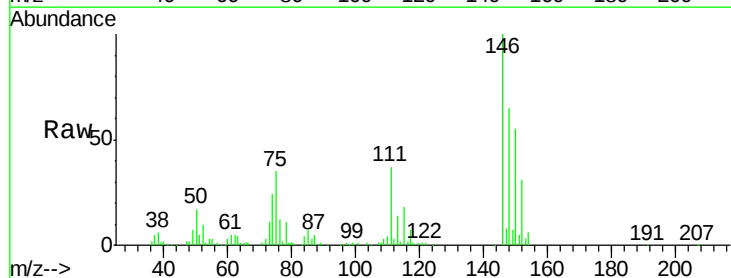
Manual Integrations  
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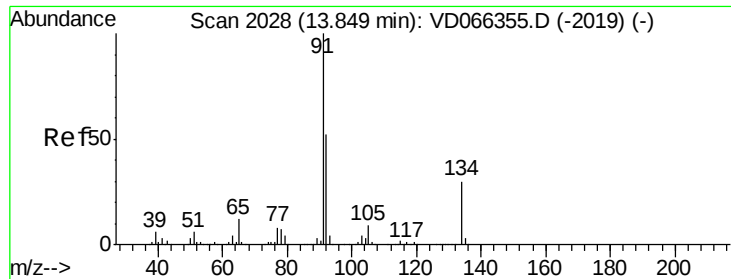
MMDadoda  
 8/25/2020 3:32:55 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 18.412 ug/l  
 RT: 13.60 min Scan# 1985  
 Delta R.T. 0.00 min  
 Lab File: VD066375.D  
 Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 111     | 40.3  | 19.1 | 57.5  |       |
| 148     | 66.0  | 32.1 | 96.3  |       |





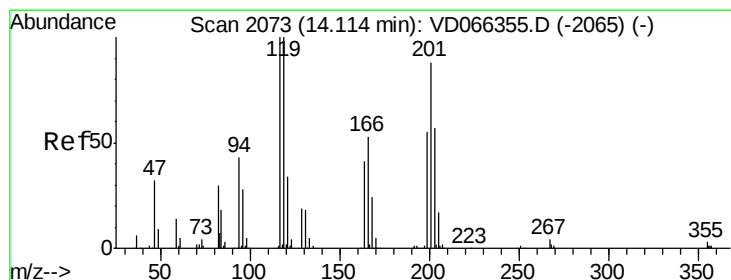
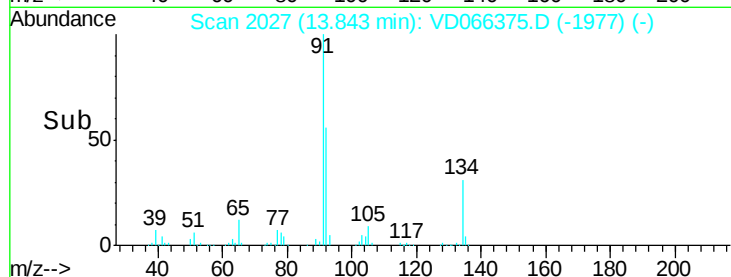
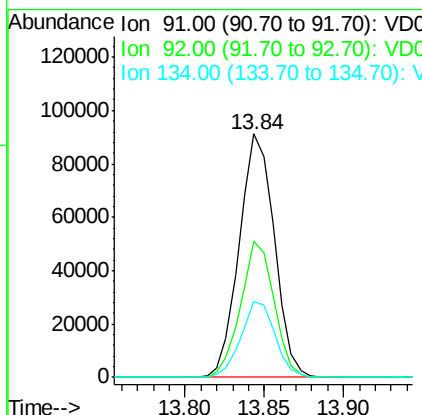
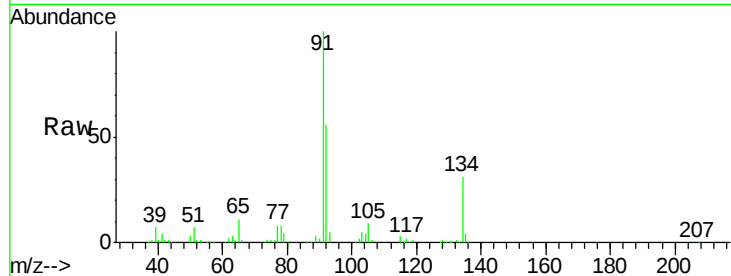
#89  
n-Butylbenzene  
Concen: 17.832 ug/l  
RT: 13.84 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.5  | 26.4  | 79.0  |
| 134     | 30.2  | 14.4  | 43.4  |

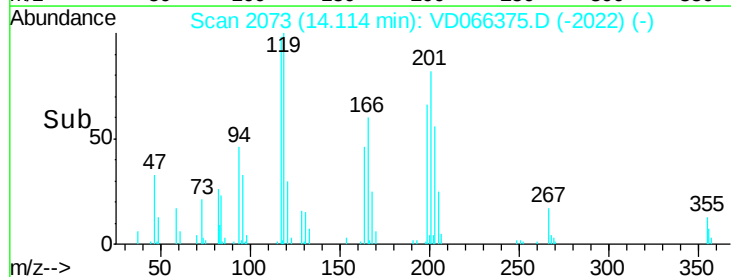
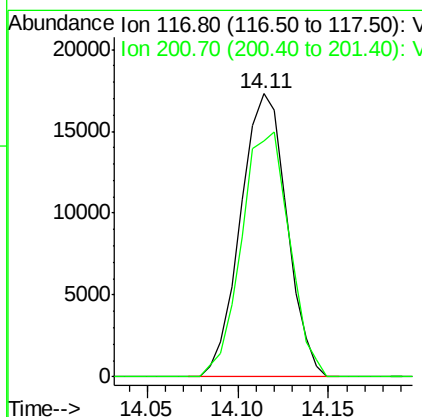
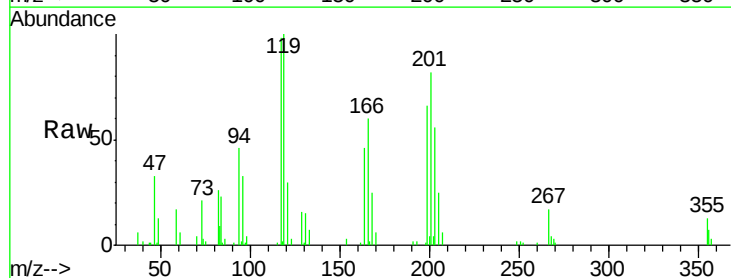
Manual Integrations  
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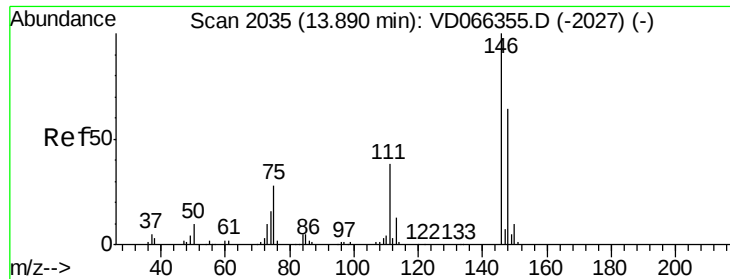
MMDadoda  
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#90  
Hexachloroethane  
Concen: 17.454 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. 0.00 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 89.5  | 45.4  | 136.2 |





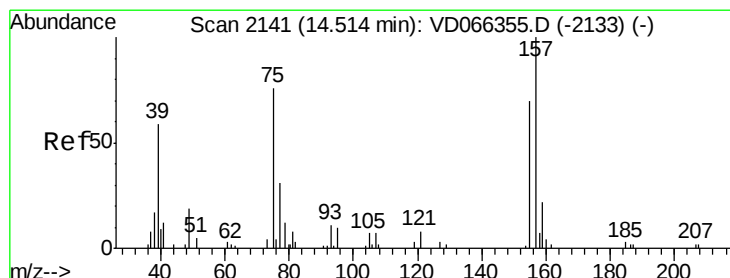
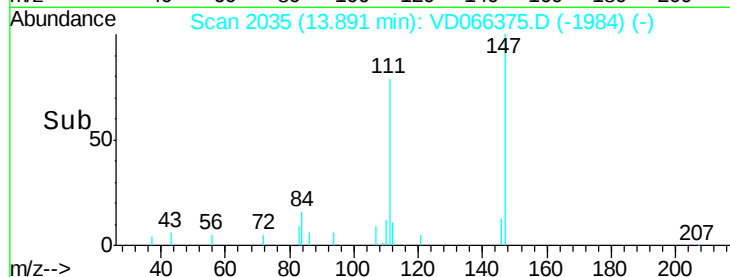
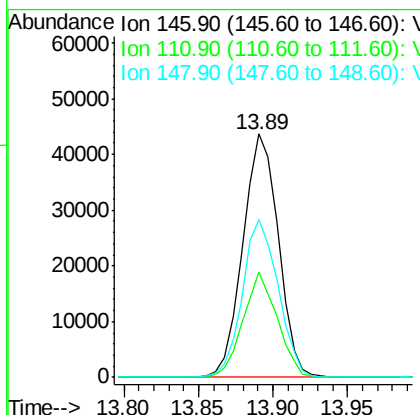
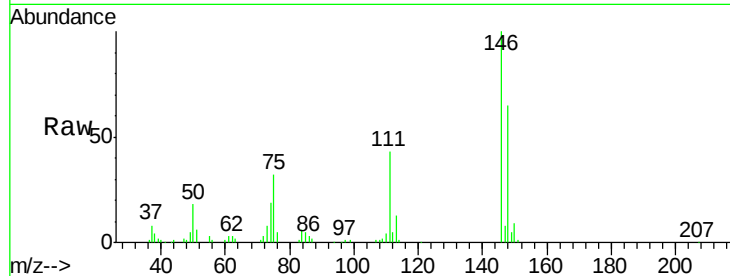
#91  
 1,2-Dichlorobenzene  
 Concen: 18.674 ug/l  
 RT: 13.89 min Scan# 2035  
 Delta R.T. 0.00 min  
 Lab File: VD066375.D  
 Acq: 24 Aug 2020 12:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0824SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.6  | 19.9  | 59.7  |
| 148     | 65.4  | 32.6  | 97.8  |

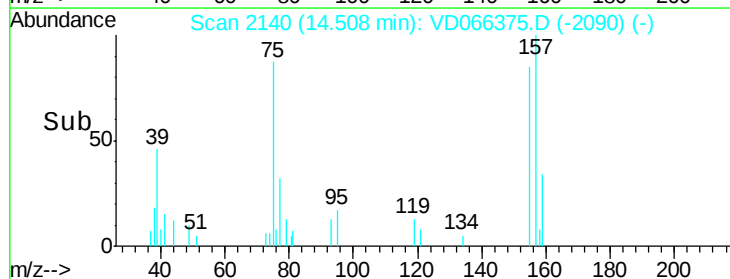
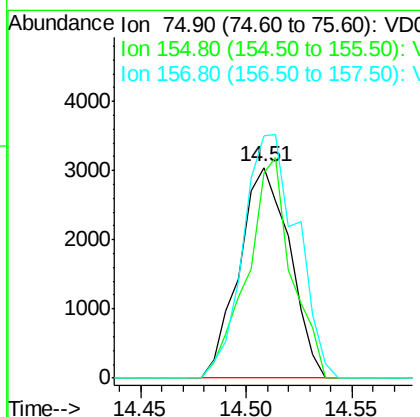
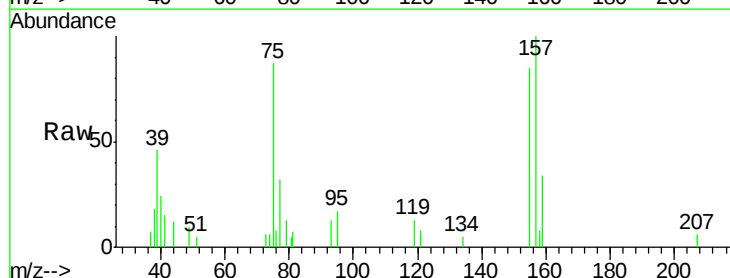
Manual Integrations  
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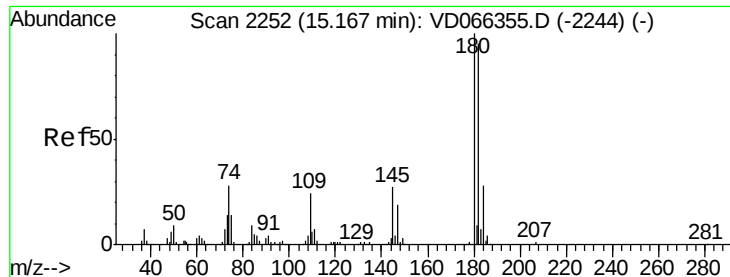
MMDadoda  
 8/25/2020 3:32:55 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.977 ug/l  
 RT: 14.51 min Scan# 2140  
 Delta R.T. -0.01 min  
 Lab File: VD066375.D  
 Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 91.3  | 46.9  | 140.6 |
| 157     | 122.7 | 61.0  | 183.0 |





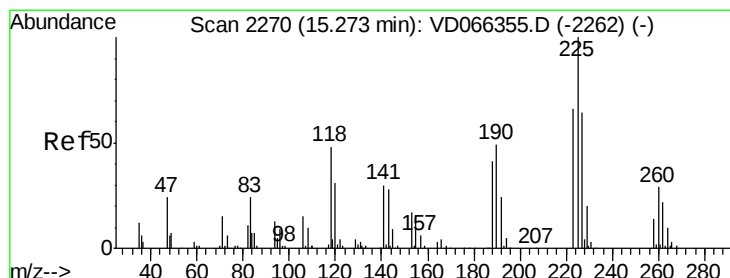
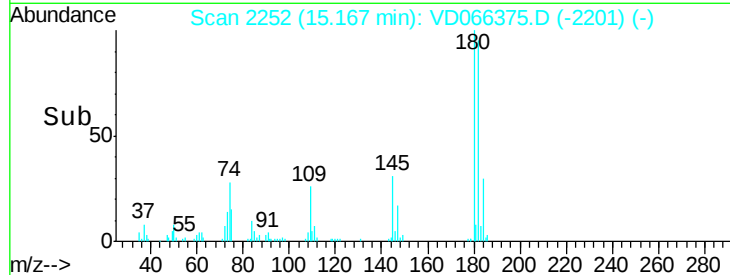
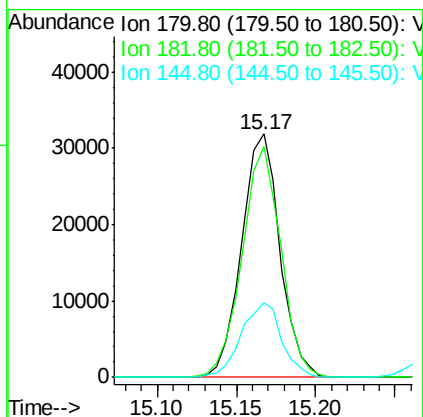
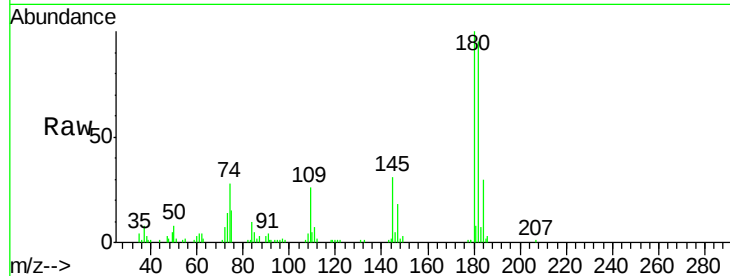
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.866 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. 0.00 min  
 Lab File: VD066375.D  
 Acq: 24 Aug 2020 12:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0824SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 180   | Resp: | 53581 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.7  | 48.0  | 144.0 |
| 145       | 32.2  | 15.2  | 45.6  |

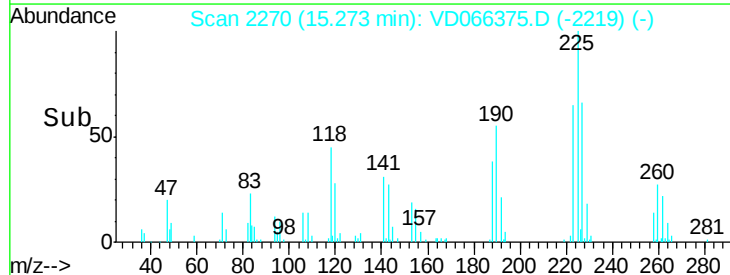
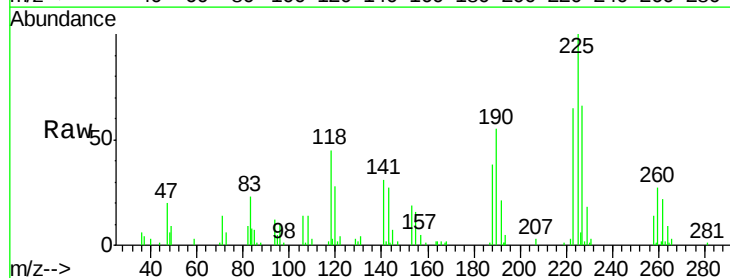
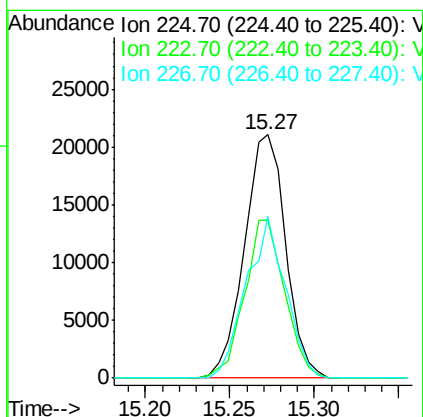
Manual Integrations  
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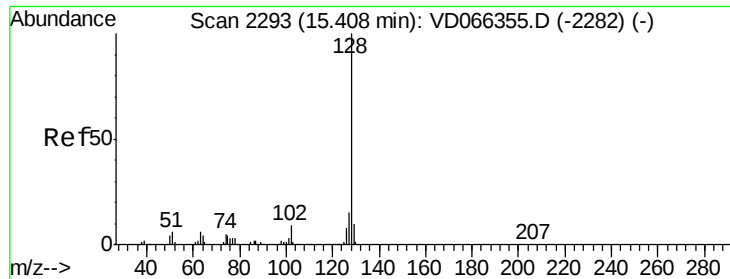
MMDadoda  
 8/25/2020 3:32:55 PM



#94  
 Hexachlorobutadiene  
 Concen: 19.159 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. 0.00 min  
 Lab File: VD066375.D  
 Acq: 24 Aug 2020 12:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 35706 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.2  | 32.5  | 97.4  |
| 227       | 63.2  | 33.0  | 98.9  |





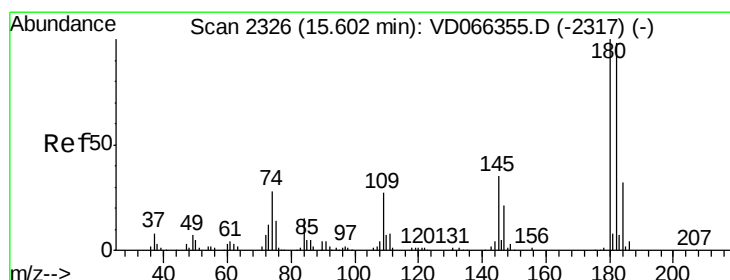
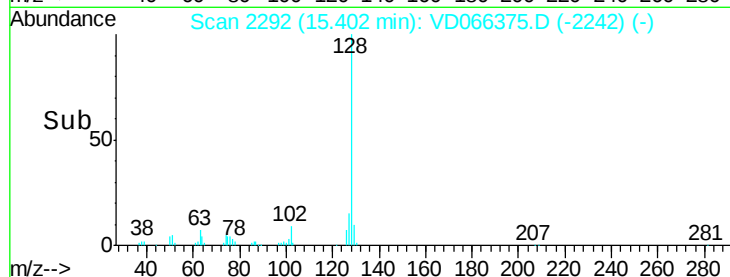
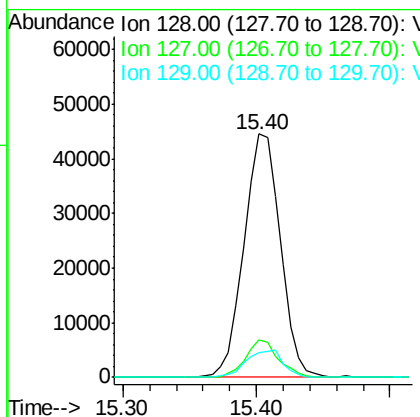
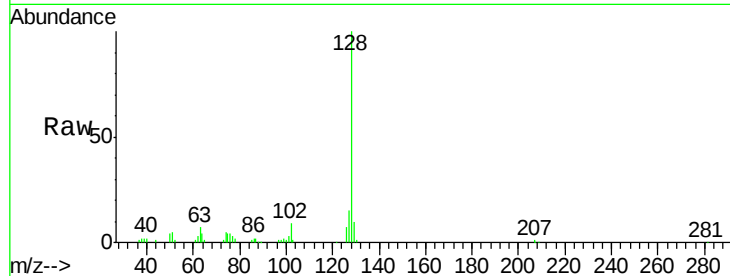
#95  
Naphthalene  
Concen: 17.727 ug/l  
RT: 15.40 min Scan# 2292  
Delta R.T. -0.01 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0824SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.8  | 10.7  | 16.1  |
| 129     | 11.2  | 8.6   | 12.8  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 18.487 ug/l  
RT: 15.60 min Scan# 2325  
Delta R.T. -0.01 min  
Lab File: VD066375.D  
Acq: 24 Aug 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.4  | 46.7  | 140.0 |
| 145     | 32.8  | 16.0  | 48.0  |

