

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120420\  
 Data File : VD067879.D  
 Acq On : 04 Dec 2020 12:03  
 Operator : VA/SY  
 Sample : VD1204SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1204SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 12/7/2020 11:30:53 AM

Quant Time: Dec 05 00:01:20 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D120120S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 02 08:05:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.99  | 168  | 214666   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 308100   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 282783   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 147617   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65    | 111657   | 48.45    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 50 - 163 | Recovery | =    | 96.90%  |
| 35) Dibromofluoromethane  | 7.92   | 113   | 98911    | 47.98    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 54 - 147 | Recovery | =    | 95.96%  |
| 50) Toluene-d8            | 10.34  | 98    | 362173   | 48.80    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 49 - 140 | Recovery | =    | 97.60%  |
| 62) 4-Bromofluorobenzene  | 12.64  | 95    | 132121   | 51.49    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 25 - 144 | Recovery | =    | 102.98% |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 36411  | 19.490  | ug/l   | 99     |
| 3) Chloromethane              | 2.21 | 50  | 20641  | 19.145  | ug/l   | 94     |
| 4) Vinyl Chloride             | 2.35 | 62  | 27349  | 20.141  | ug/l   | 93     |
| 5) Bromomethane               | 2.76 | 94  | 31221  | 25.756  | ug/l   | 100    |
| 6) Chloroethane               | 2.93 | 64  | 18340  | 20.745  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 84186  | 20.261  | ug/l   | 95     |
| 8) Diethyl Ether              | 3.71 | 74  | 15745  | 19.442  | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.10 | 101 | 39147  | 20.661  | ug/l   | 97     |
| 10) Methyl Iodide             | 4.30 | 142 | 33561  | 16.711  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 5.23 | 59  | 17167m | 113.565 | ug/l   |        |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 35402  | 19.902  | ug/l   | 98     |
| 13) Acrolein                  | 3.93 | 56  | 7746   | 87.466  | ug/l # | 46     |
| 14) Allyl chloride            | 4.71 | 41  | 34737  | 21.109  | ug/l   | 98     |
| 15) Acrylonitrile             | 5.42 | 53  | 27336  | 97.347  | ug/l   | 98     |
| 16) Acetone                   | 4.16 | 43  | 24344  | 85.487  | ug/l # | 85     |
| 17) Carbon Disulfide          | 4.41 | 76  | 98068  | 19.746  | ug/l   | 97     |
| 18) Methyl Acetate            | 4.71 | 43  | 10084  | 18.409  | ug/l   | 92     |
| 19) Methyl tert-butyl Ether   | 5.48 | 73  | 77256  | 20.283  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.97 | 84  | 43909  | 21.459  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 40026  | 19.774  | ug/l   | 96     |
| 22) Diisopropyl ether         | 6.37 | 45  | 69370  | 20.959  | ug/l # | 92     |
| 23) Vinyl Acetate             | 6.30 | 43  | 191695 | 104.111 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 60021  | 20.688  | ug/l   | 98     |
| 25) 2-Butanone                | 7.21 | 43  | 28957  | 96.678  | ug/l   | 88     |
| 26) 2,2-Dichloropropane       | 7.20 | 77  | 72248  | 20.883  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 44881  | 20.272  | ug/l   | 97     |
| 28) Bromochloromethane        | 7.54 | 49  | 17271  | 18.749  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.56 | 42  | 16634  | 97.535  | ug/l   | 94     |
| 30) Chloroform                | 7.71 | 83  | 79876  | 20.601  | ug/l   | 95     |
| 31) Cyclohexane               | 7.99 | 56  | 48026  | 19.780  | ug/l   | 88     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 85225  | 20.823  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.12 | 75  | 55235  | 20.709  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.30 | 43  | 14031  | 19.519  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 82415  | 20.422  | ug/l   | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120420\  
 Data File : VD067879.D  
 Acq On : 04 Dec 2020 12:03  
 Operator : VA/SY  
 Sample : VD1204SBSD01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1204SBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 12/7/2020 11:30:53 AM

Quant Time: Dec 05 00:01:20 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D120120S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 02 08:05:58 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 63017    | 19.937  | ug/l   | 96       |
| 40) Benzene                    | 8.36  | 78   | 148706   | 20.376  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.53  | 41   | 7147     | 18.078  | ug/l # | 73       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 53828    | 20.694  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 27702    | 19.585  | ug/l   | 97       |
| 44) Trichloroethene            | 9.11  | 130  | 52910    | 21.086  | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 29100    | 19.427  | ug/l # | 85       |
| 46) Dibromomethane             | 9.47  | 93   | 19812    | 19.023  | ug/l   | 94       |
| 47) Bromodichloromethane       | 9.67  | 83   | 61421    | 20.687  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.46  | 41   | 13371    | 18.617  | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 3996     | 335.789 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 63339    | 94.616  | ug/l   | 96       |
| 52) Toluene                    | 10.41 | 92   | 102839   | 20.154  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 52538    | 20.501  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 58313    | 20.920  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 26138    | 18.339  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 28118    | 19.390  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 44490    | 19.706  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 58056    | 87.983  | ug/l   | 96       |
| 59) 2-Hexanone                 | 10.99 | 43   | 45681    | 96.800  | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.14 | 129  | 45656    | 21.251  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 27624    | 19.709  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.88 | 164  | 48015    | 20.816  | ug/l   | 94       |
| 65) Chlorobenzene              | 11.67 | 112  | 119032   | 20.400  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 49352    | 20.737  | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.75 | 91   | 207745   | 20.900  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.86 | 106  | 163743   | 41.778  | ug/l   | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 73790    | 21.207  | ug/l   | 98       |
| 70) Styrene                    | 12.20 | 104  | 127395   | 21.056  | ug/l   | 98       |
| 71) Bromoform                  | 12.36 | 173  | 25351    | 20.124  | ug/l # | 93       |
| 73) Isopropylbenzene           | 12.48 | 105  | 211567   | 20.841  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.29 | 43   | 24377    | 19.413  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 25001    | 18.654  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 21086m   | 19.615  | ug/l   |          |
| 77) Bromobenzene               | 12.77 | 156  | 52758    | 20.904  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.82 | 91   | 234304   | 20.824  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 137844   | 20.825  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 189754   | 21.589  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 8403     | 18.699  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 148259   | 20.997  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 164841   | 22.039  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 189787   | 21.715  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.40 | 105  | 208857   | 20.922  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 202682   | 20.716  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 101245   | 20.797  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 101894   | 20.921  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.85 | 91   | 169568   | 20.862  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.11 | 117  | 36788    | 20.367  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 87302    | 20.676  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 5707     | 20.403  | ug/l   | 87       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120420\  
Data File : VD067879.D  
Acq On : 04 Dec 2020 12:03  
Operator : VA/SY  
Sample : VD1204SBSD01  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBSD01

Manual Integrations  
APPROVED

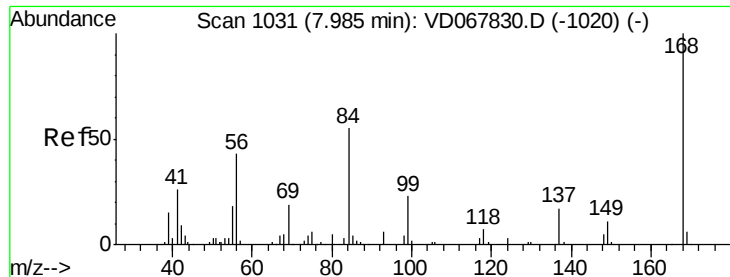
MMDadoda  
12/7/2020 11:30:53 AM

Quant Time: Dec 05 00:01:20 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D120120S.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 02 08:05:58 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 62503    | 21.162 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 40602    | 21.067 | ug/l  | 98       |
| 95) Naphthalene            | 15.40 | 128  | 97354    | 20.257 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 51639    | 20.246 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

ClientSampleId :

VD1204SBSD01

Tot Ion:168 Resp: 214666

Ion Ratio Lower Upper

168 100

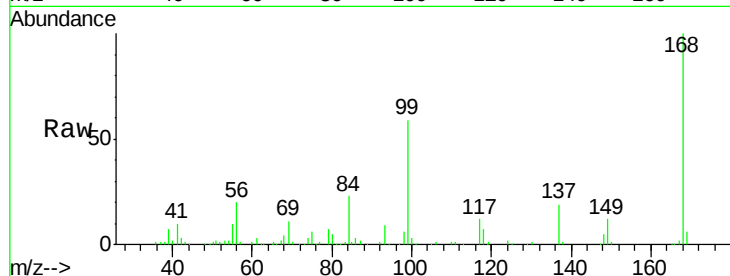
99 59.0 47.1 70.7

Manual Integrations

APPROVED

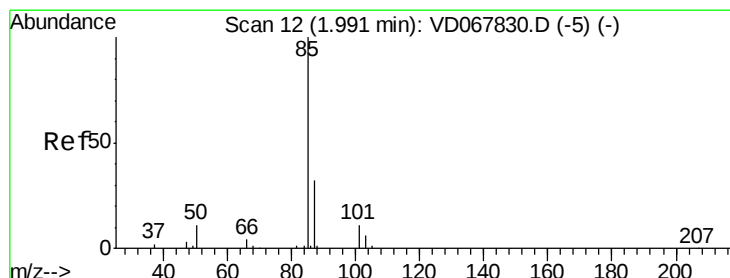
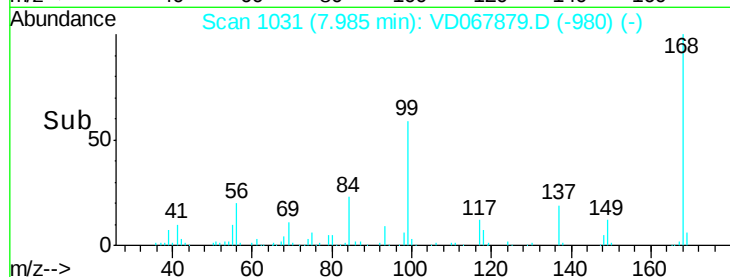
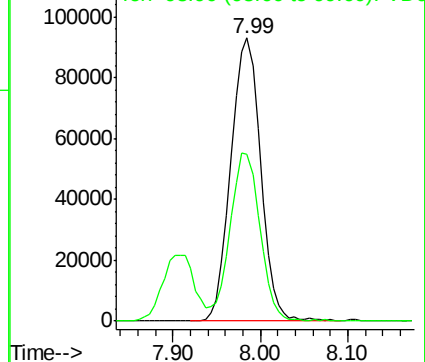
MMDadoda

12/7/2020 11:30:53 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 19.490 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067879.D

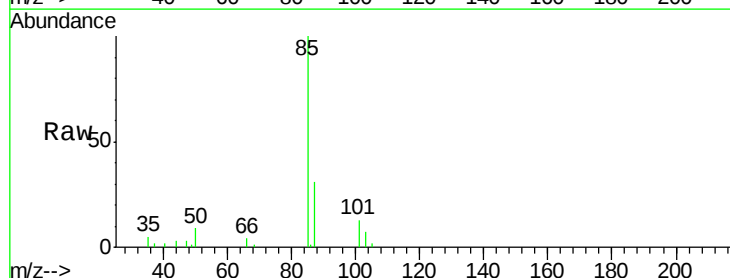
Acq: 04 Dec 2020 12:03

Tgt Ion: 85 Resp: 36411

Ion Ratio Lower Upper

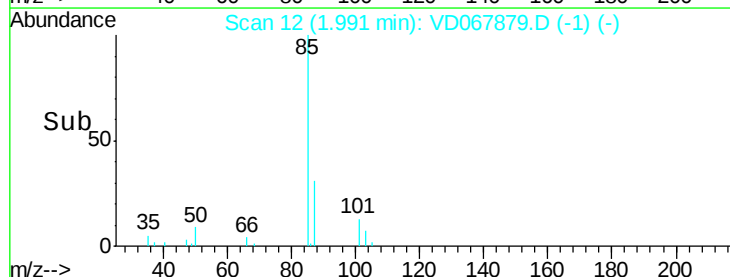
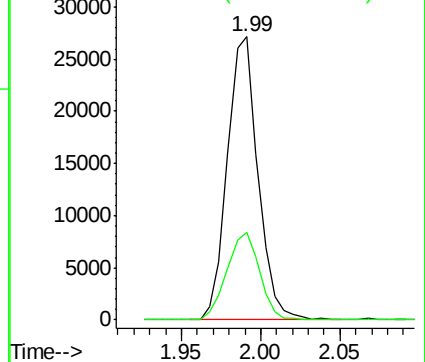
85 100

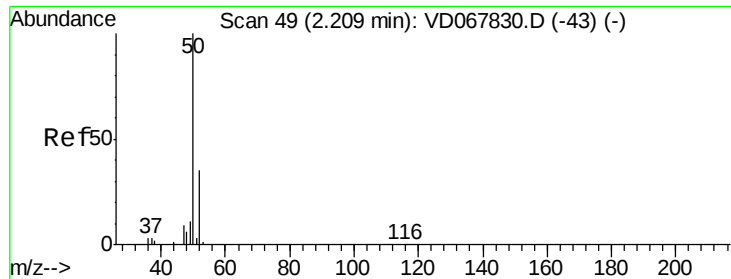
87 30.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.145 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

ClientSampleId :

VD1204SBSD01

Tot Ion: 50 Resp: 20641

Ion Ratio Lower Upper

50 100

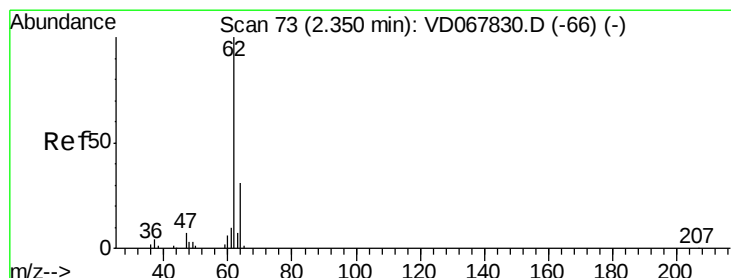
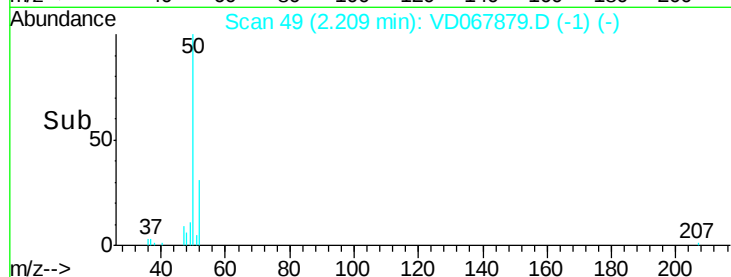
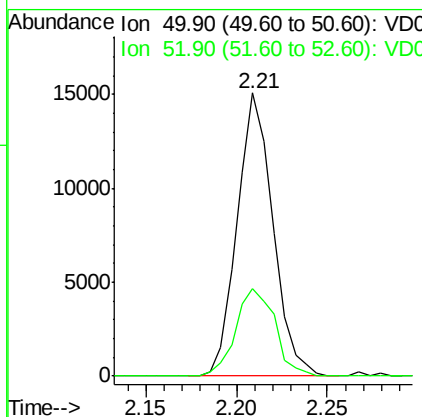
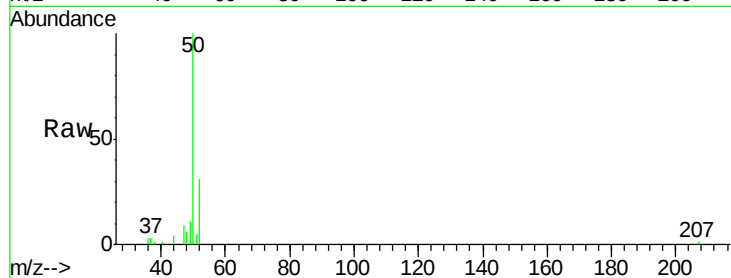
52 31.0 27.8 41.6

Manual Integrations

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12/7/2020 11:30:53 AM



#4

Vinyl Chloride

Concen: 20.141 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067879.D

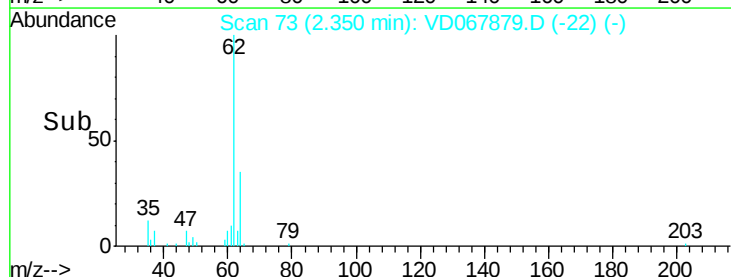
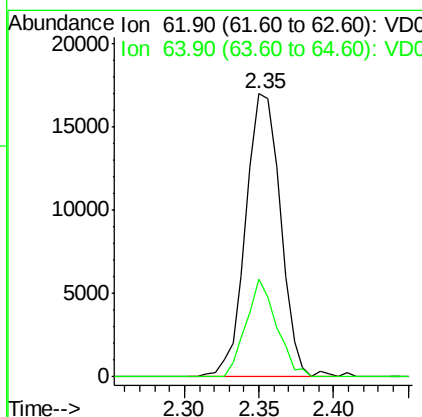
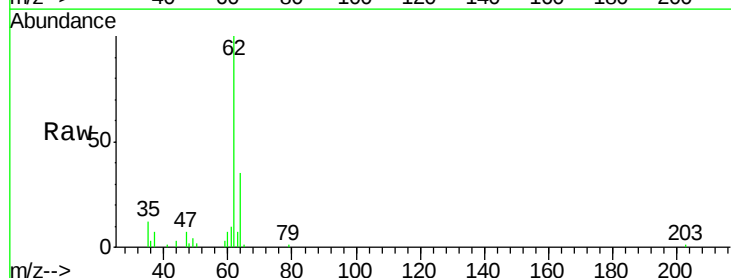
Acq: 04 Dec 2020 12:03

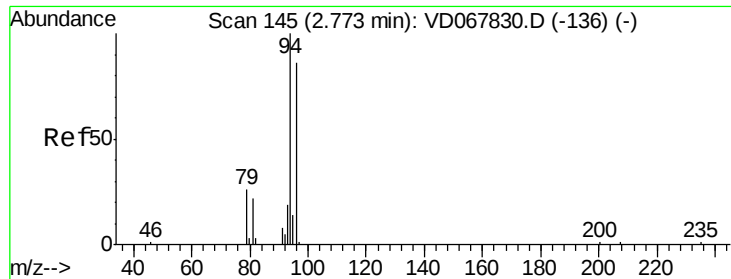
Tgt Ion: 62 Resp: 27349

Ion Ratio Lower Upper

62 100

64 34.5 24.5 36.7





#5

Bromomethane

Concen: 25.756 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

ClientSampleId :

VD1204SBSD01

Tot Ion: 94 Resp: 31221

Ion Ratio Lower Upper

94 100

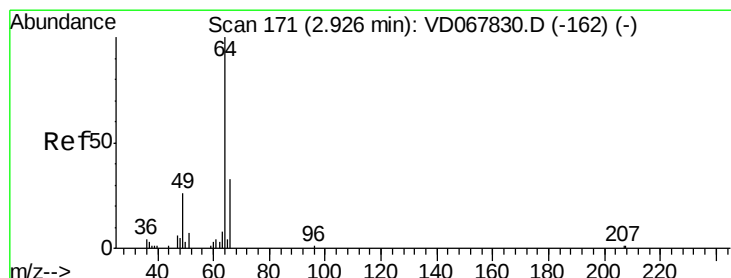
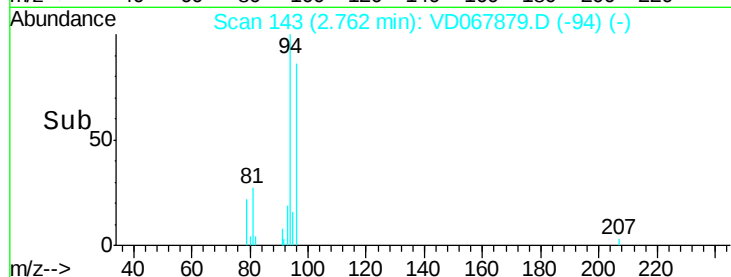
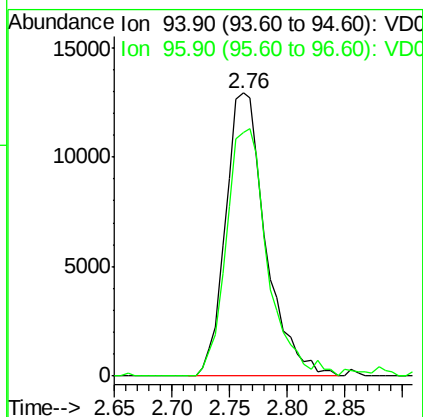
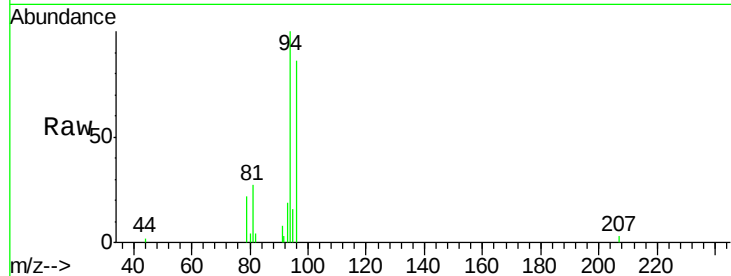
96 86.2 68.7 103.1

Manual Integrations

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MMDadoda

12/7/2020 11:30:53 AM



#6

Chloroethane

Concen: 20.745 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD067879.D

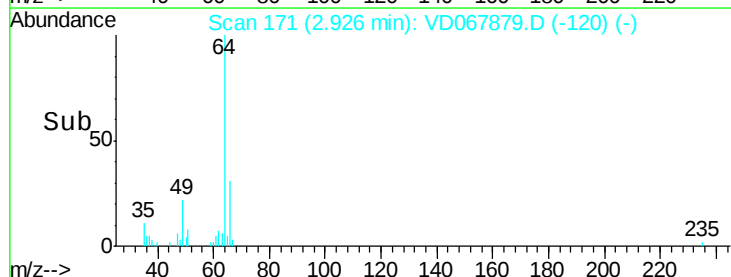
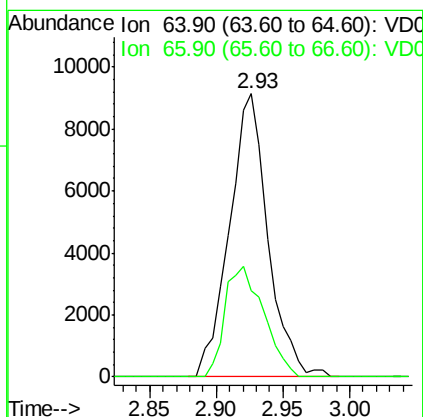
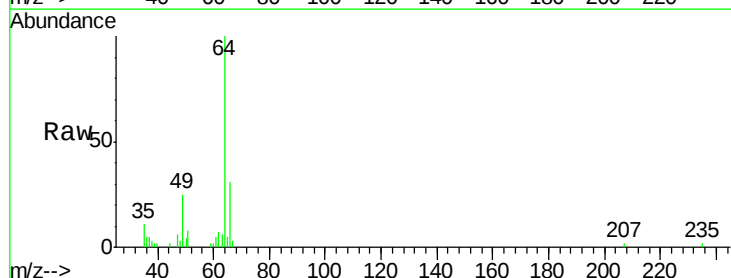
Acq: 04 Dec 2020 12:03

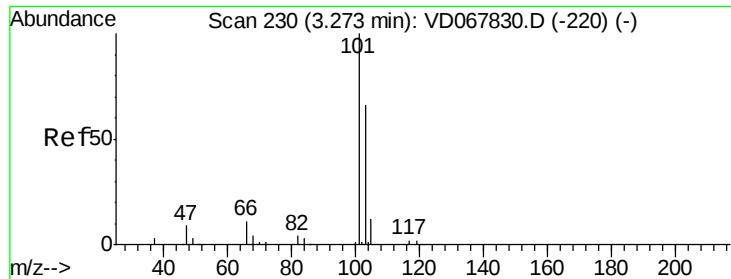
Tgt Ion: 64 Resp: 18340

Ion Ratio Lower Upper

64 100

66 30.5 26.1 39.1





#7

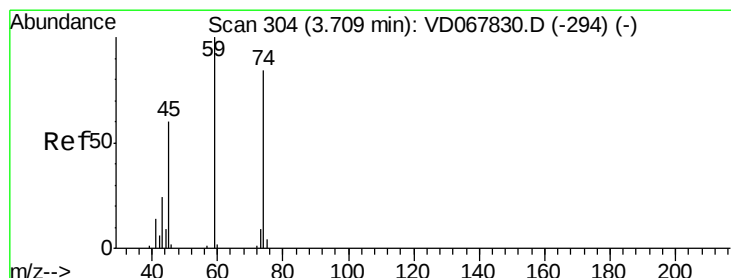
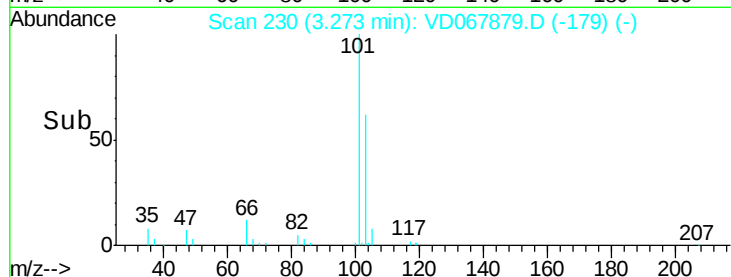
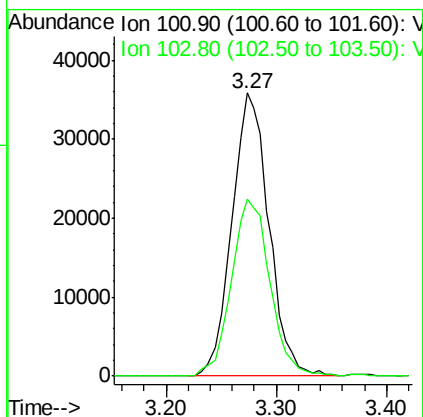
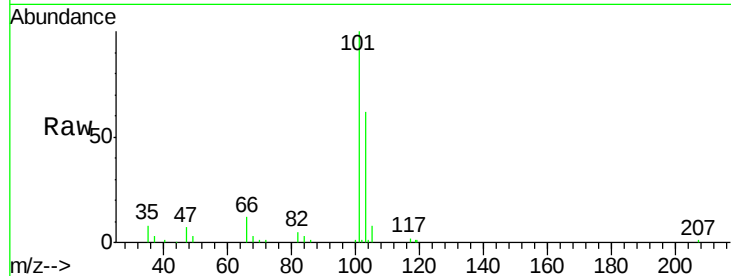
Trichlorofluoromethane  
Concen: 20.261 ug/l  
RT: 3.27 min Scan# 230  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.4  | 53.0  | 79.6  |

Manual Integrations  
APPROVED

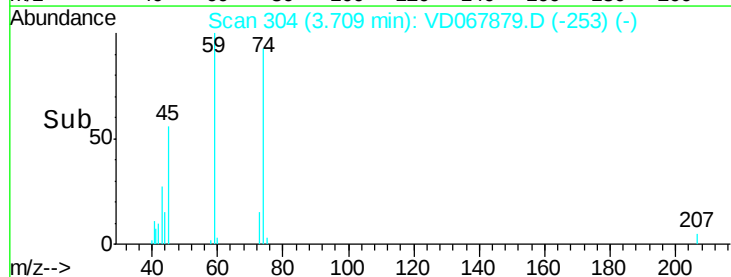
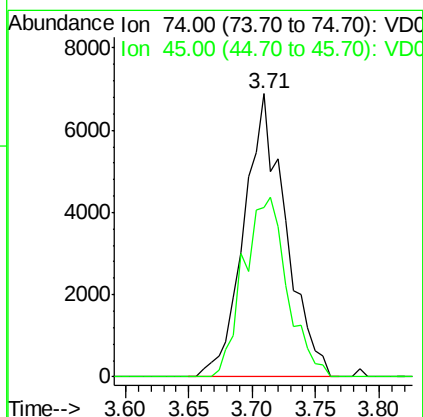
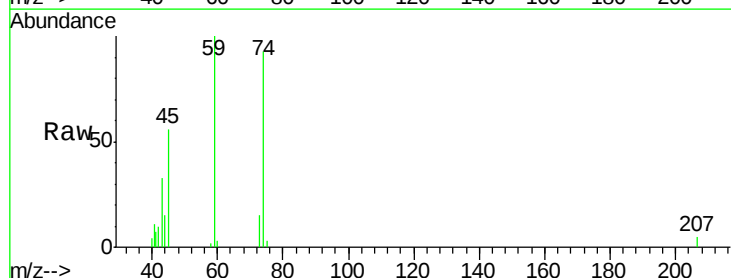
MMDadoda  
12/7/2020 11:30:53 AM

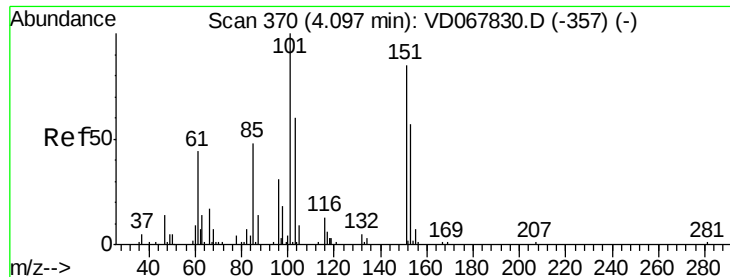


#8

Diethyl Ether  
Concen: 19.442 ug/l  
RT: 3.71 min Scan# 304  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 66.4  | 33.9  | 101.7 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.661 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

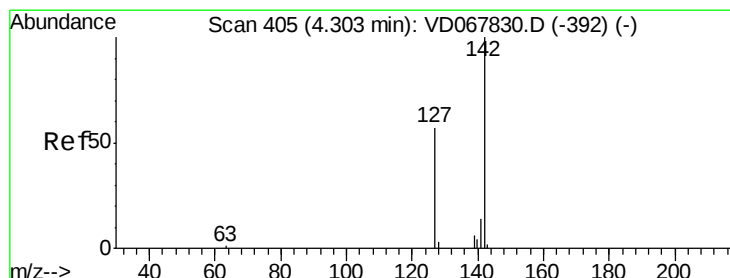
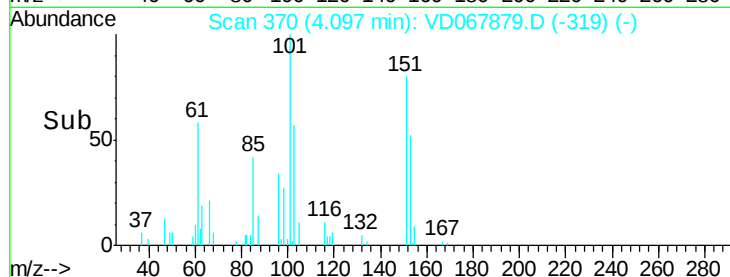
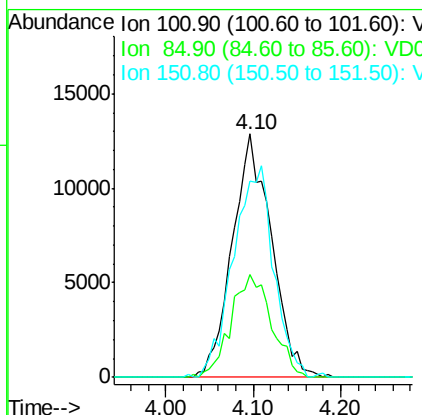
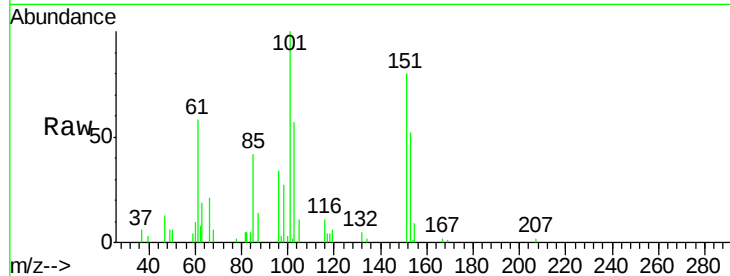
ClientSampleId :

VD1204SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 39147 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.8  | 36.2  | 54.4  |
| 151       | 89.2  | 69.4  | 104.2 |

Manual Integrations  
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MMDadoda  
12/7/2020 11:30:53 AM



#10

Methyl Iodide

Concen: 16.711 ug/l

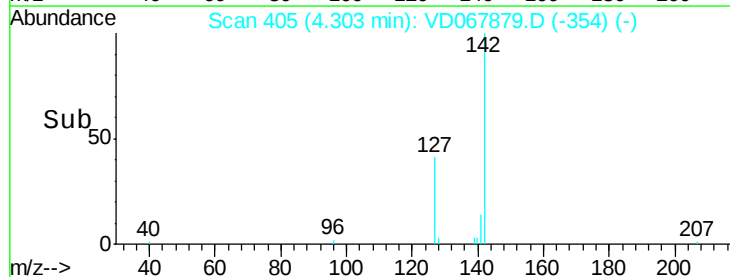
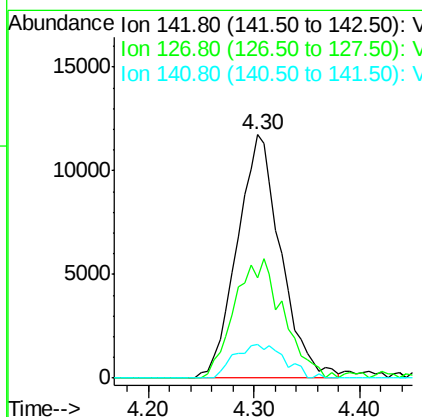
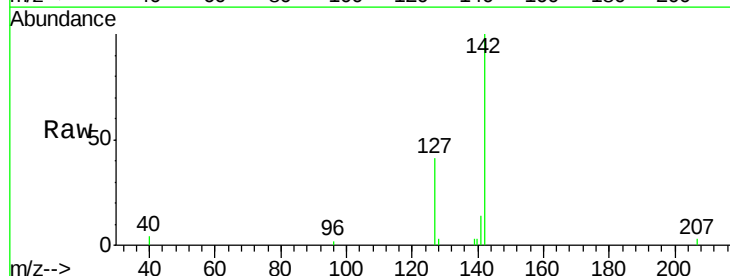
RT: 4.30 min Scan# 405

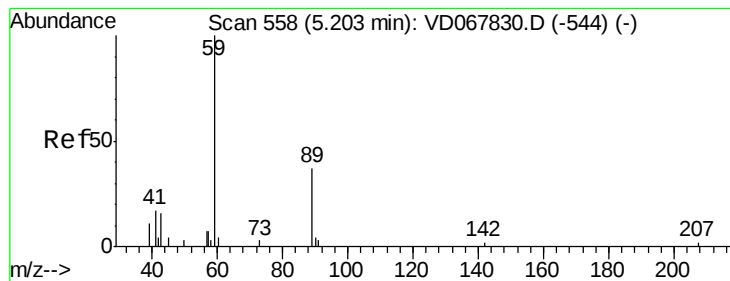
Delta R.T. 0.00 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 33561 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 54.9  | 43.9  | 65.9  |
| 141       | 15.6  | 12.2  | 18.2  |





#11

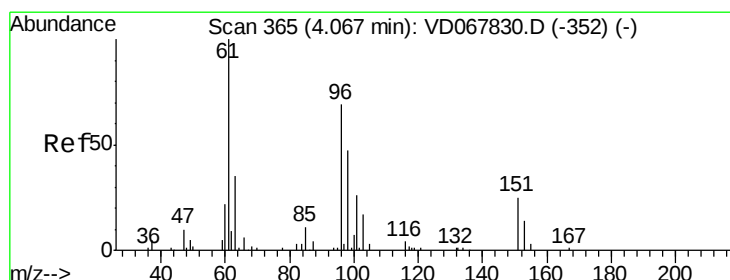
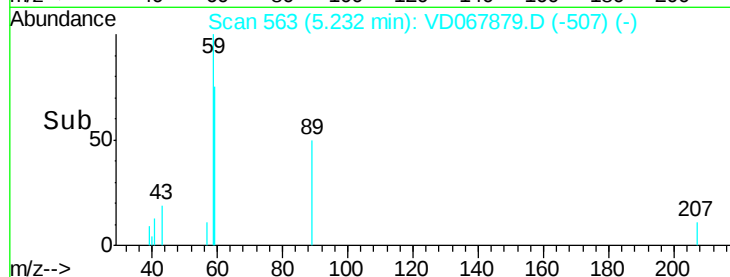
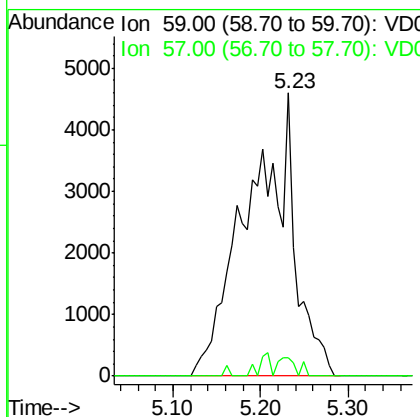
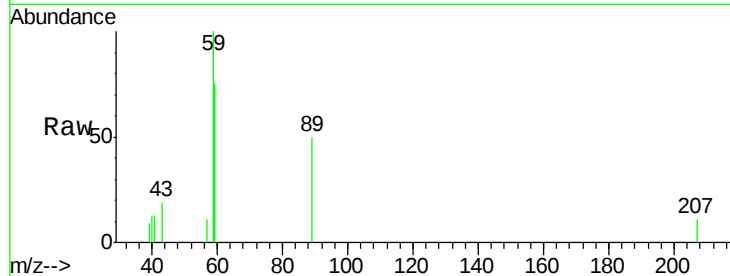
Tert butyl alcohol  
Concen: 113.565 ug/l m  
RT: 5.23 min Scan# 563  
Delta R.T. 0.03 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBSD01

Tot Ion: 59 Resp: 17167  
Ion Ratio Lower Upper  
59 100  
57 1.8 7.7 11.5#

Manual Integrations  
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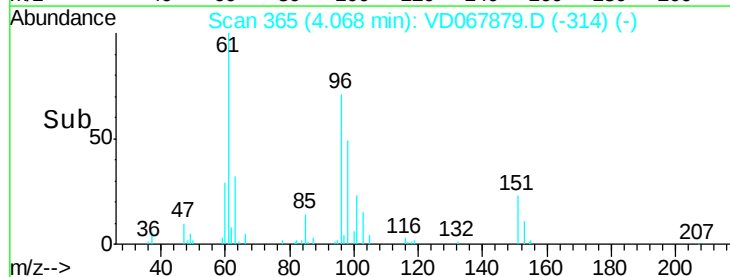
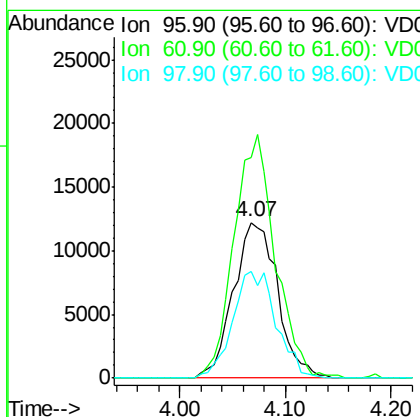
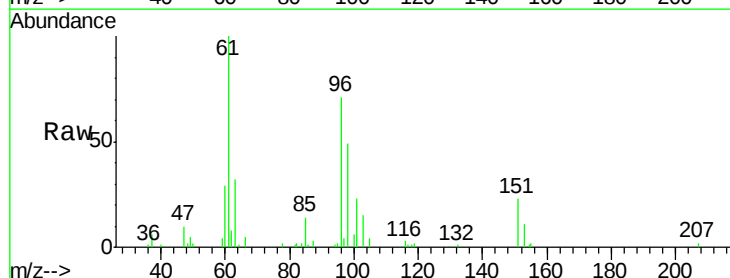
MMDadoda  
12/7/2020 11:30:53 AM

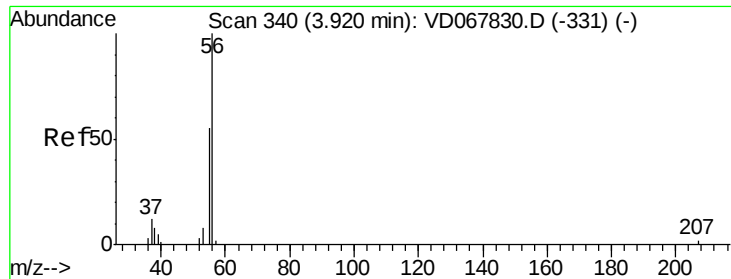


#12

1,1-Dichloroethene  
Concen: 19.902 ug/l  
RT: 4.07 min Scan# 365  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Tgt Ion: 96 Resp: 35402  
Ion Ratio Lower Upper  
96 100  
61 141.7 116.1 174.1  
98 68.8 54.6 82.0





#13

Acrolein

Concen: 87.466 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

ClientSampleId :

VD1204SBSD01

Tot Ion: 56 Resp: 7746

Ion Ratio Lower Upper

56 100

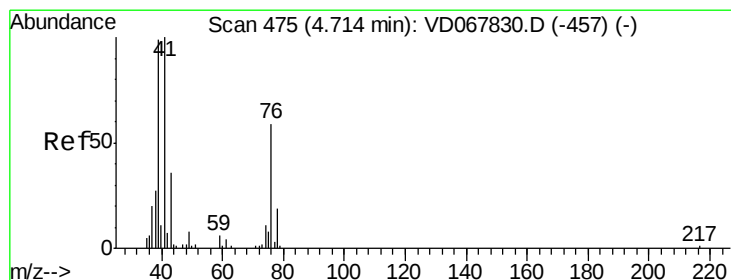
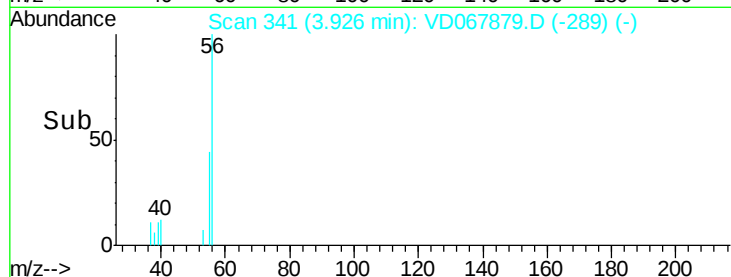
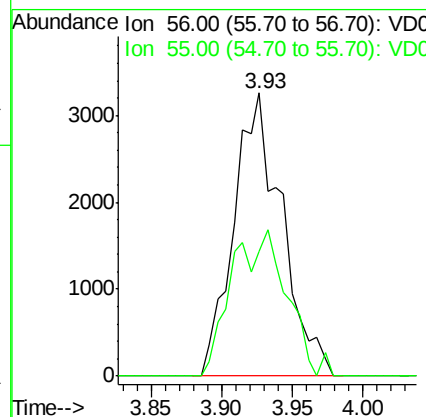
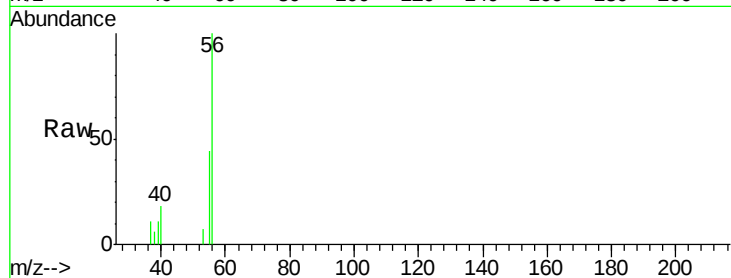
55 26.0 56.5 84.7#

Manual Integrations

APPROVED

MMDadoda

12/7/2020 11:30:53 AM



#14

Allyl chloride

Concen: 21.109 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

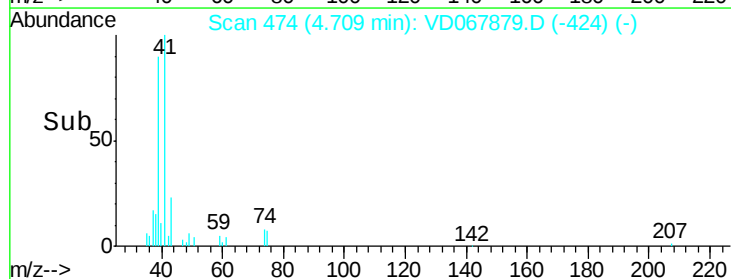
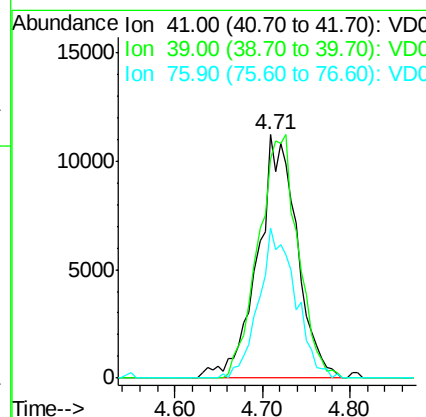
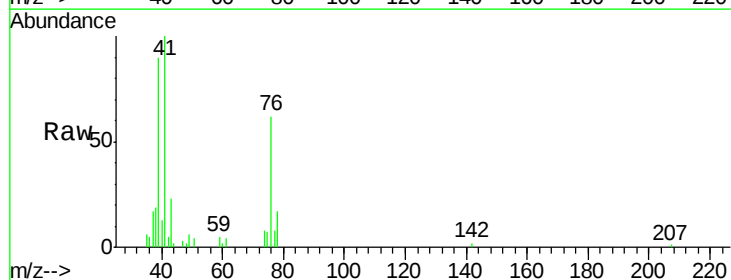
Tgt Ion: 41 Resp: 34737

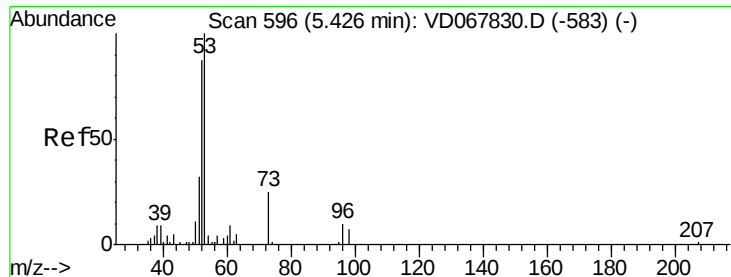
Ion Ratio Lower Upper

41 100

39 100.7 79.0 118.6

76 57.0 46.6 70.0





#15

Acrylonitrile

Concen: 97.347 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

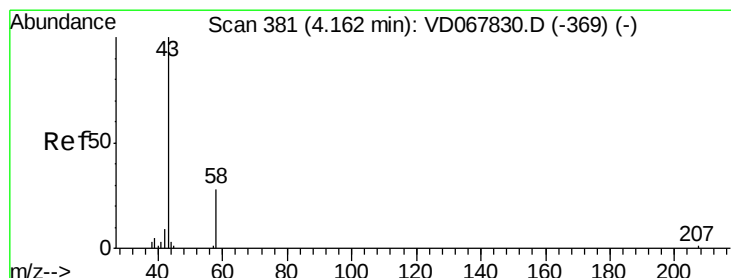
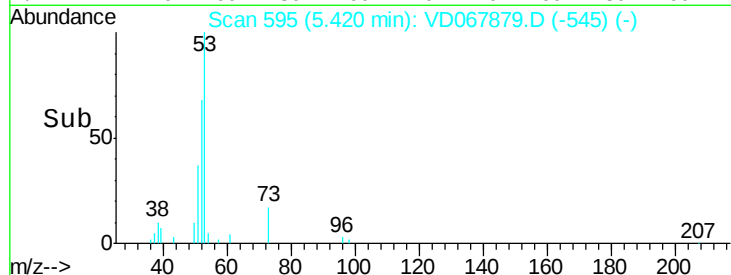
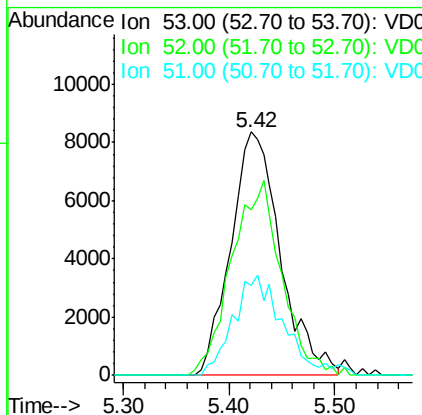
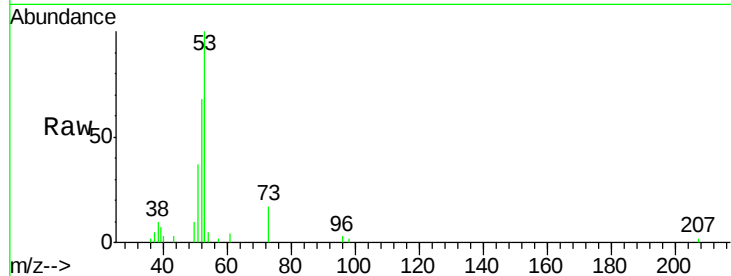
ClientSampleId :

VD1204SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 27336 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 80.6  | 66.2  | 99.2  |
| 51       | 39.7  | 31.1  | 46.7  |

Manual Integrations  
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MMDadoda  
12/7/2020 11:30:53 AM



#16

Acetone

Concen: 85.487 ug/l

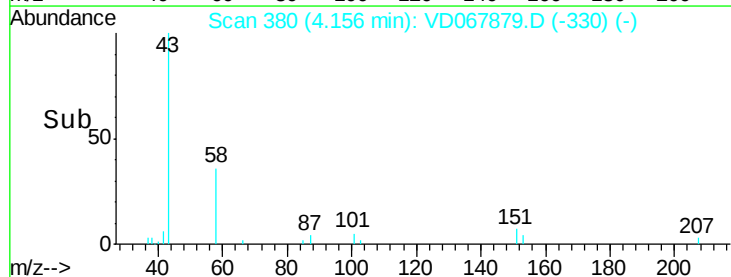
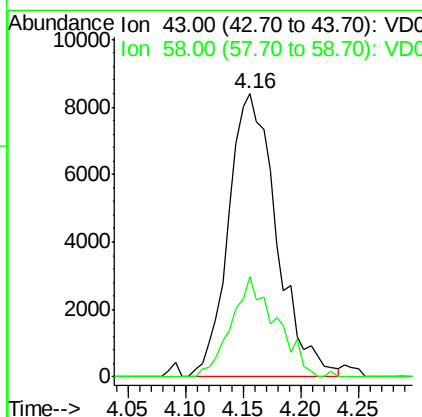
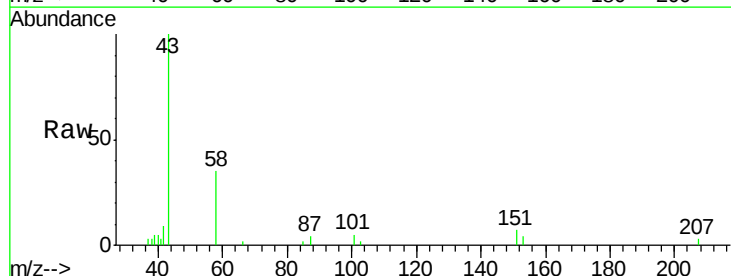
RT: 4.16 min Scan# 380

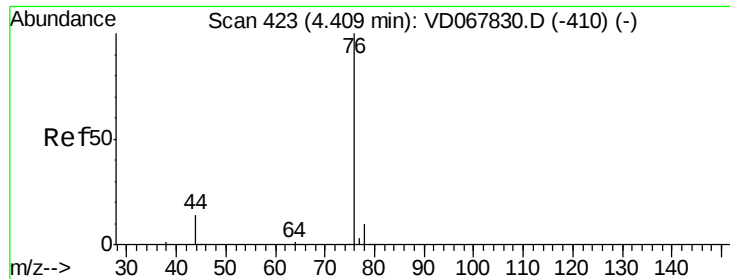
Delta R.T. -0.01 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 24344 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 35.3  | 21.9  | 32.9# |





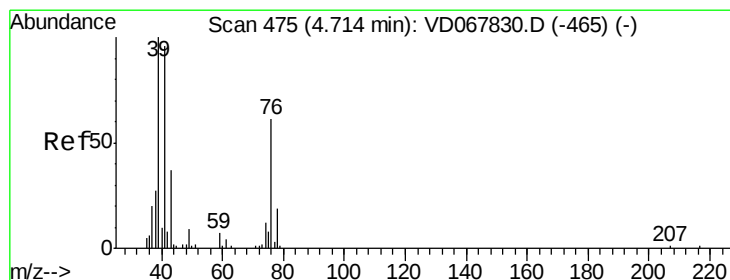
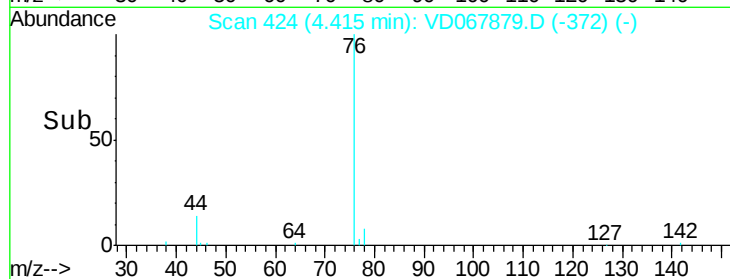
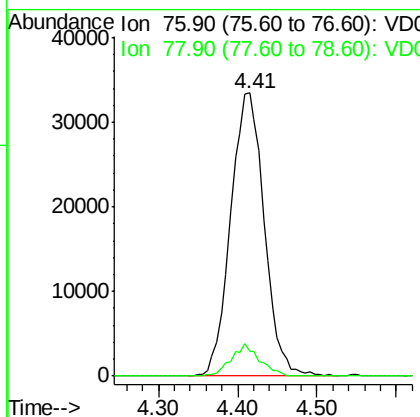
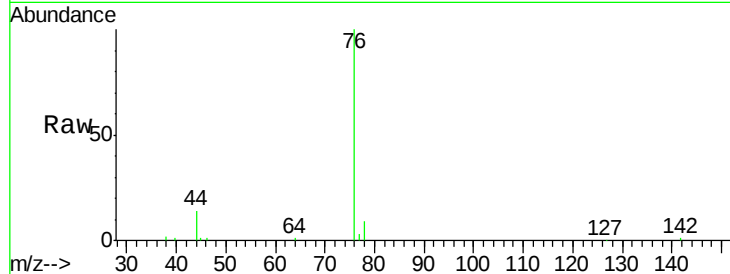
#17  
Carbon Disulfide  
Concen: 19.746 ug/l  
RT: 4.41 min Scan# 424  
Delta R.T. 0.01 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBSD01

Tot Ion: 76 Resp: 98068  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.8 11.6

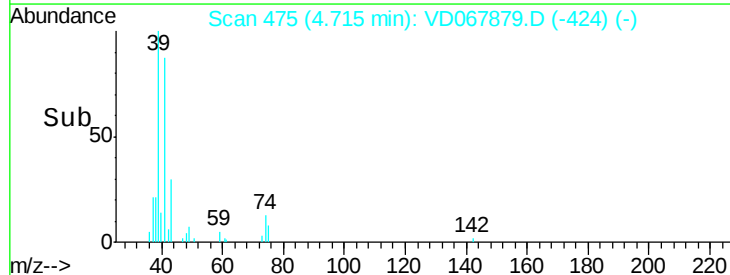
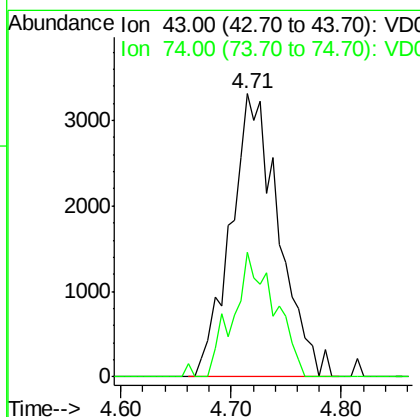
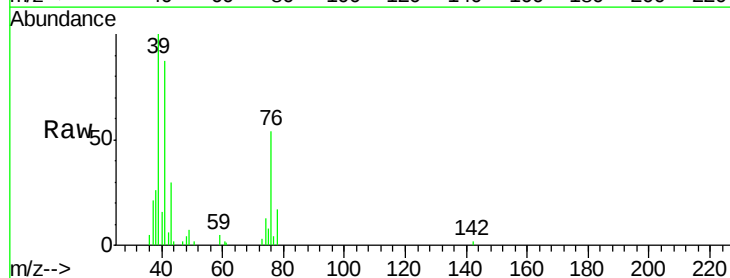
Manual Integrations  
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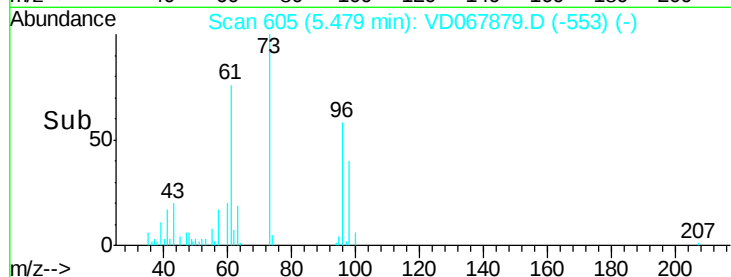
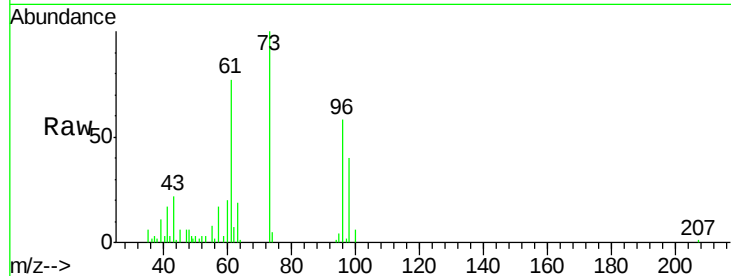
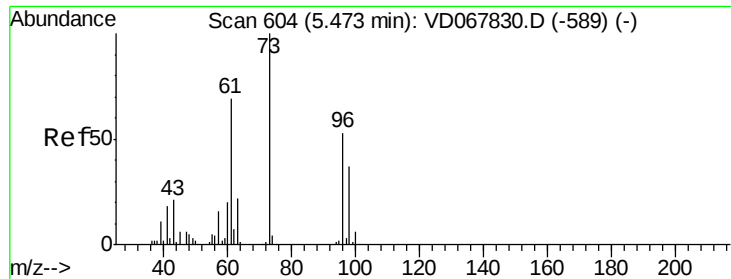
MMDadoda  
12/7/2020 11:30:53 AM



#18  
Methyl Acetate  
Concen: 18.409 ug/l  
RT: 4.71 min Scan# 475  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Tgt Ion: 43 Resp: 10084  
Ion Ratio Lower Upper  
43 100  
74 38.3 27.0 40.4





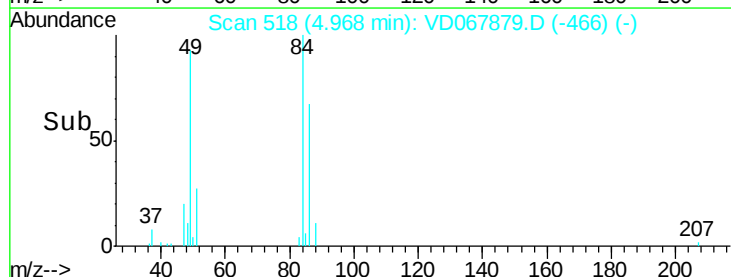
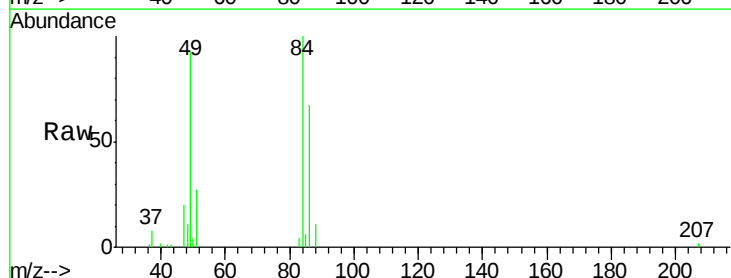
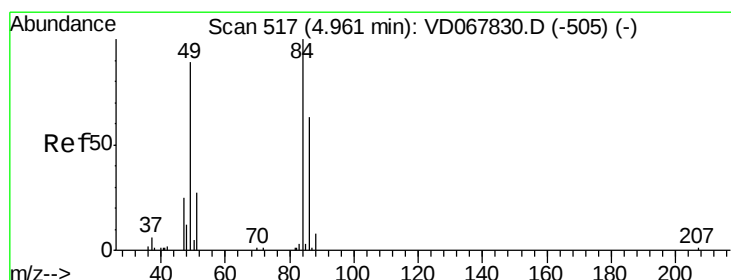
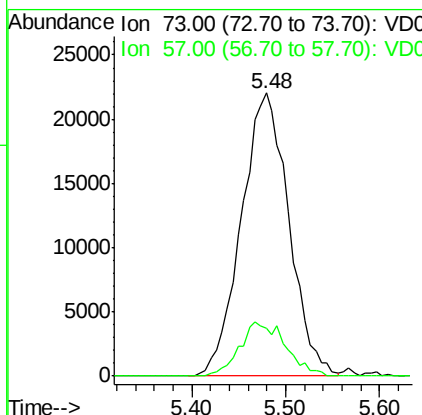
#19  
Methvl tert-butvl Ether  
Concen: 20.283 ug/l  
RT: 5.48 min Scan# 605  
Delta R.T. 0.01 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Tot Ion: 73 Resp: 77256  
Ion Ratio Lower Upper  
73 100  
57 17.1 13.2 19.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBSD01

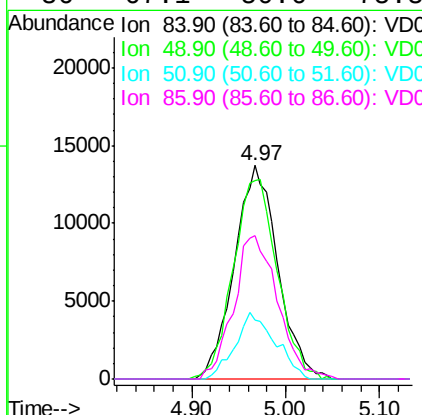
Manual Integrations  
APPROVED

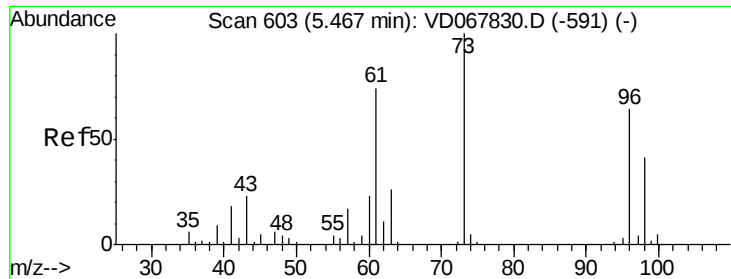
MMDadoda  
12/7/2020 11:30:53 AM



#20  
Methylene Chloride  
Concen: 21.459 ug/l  
RT: 4.97 min Scan# 518  
Delta R.T. 0.01 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Tgt Ion: 84 Resp: 43909  
Ion Ratio Lower Upper  
84 100  
49 92.6 71.4 107.0  
51 27.4 21.8 32.8  
86 67.1 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 19.774 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

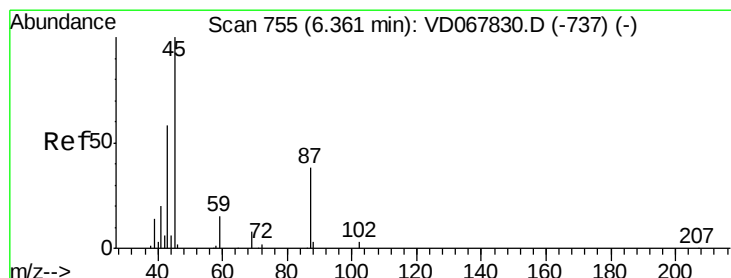
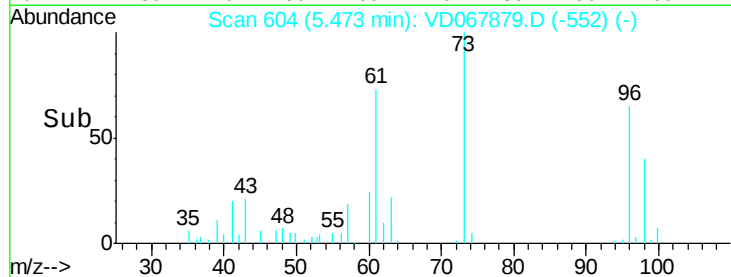
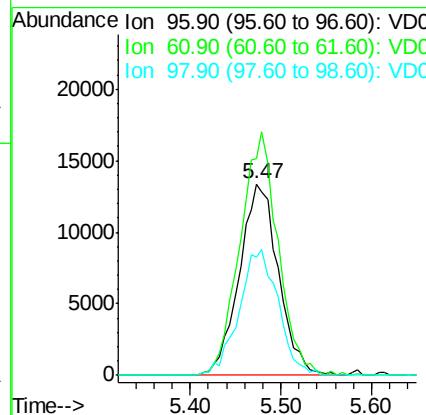
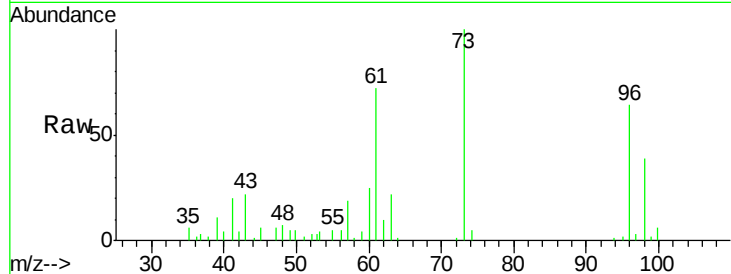
ClientSampleId :

VD1204SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 40026 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 112.8 | 93.1  | 139.7 |
| 98       | 61.9  | 52.2  | 78.2  |

Manual Integrations  
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MMDadoda  
12/7/2020 11:30:53 AM



#22

Diisopropyl ether

Concen: 20.959 ug/l

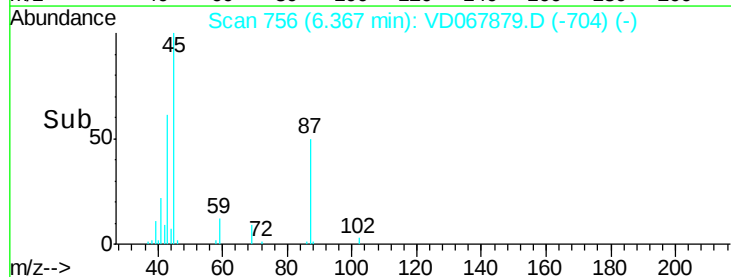
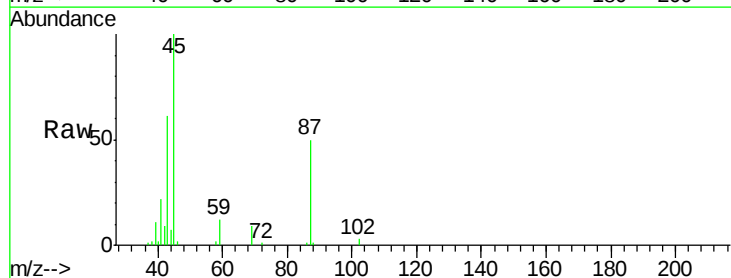
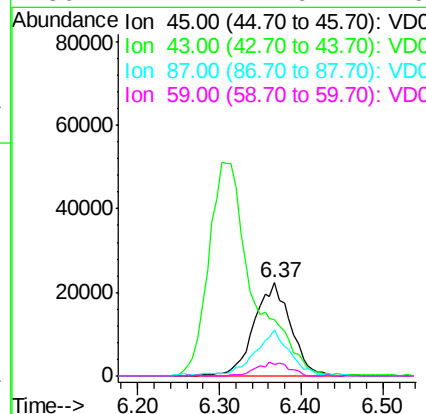
RT: 6.37 min Scan# 756

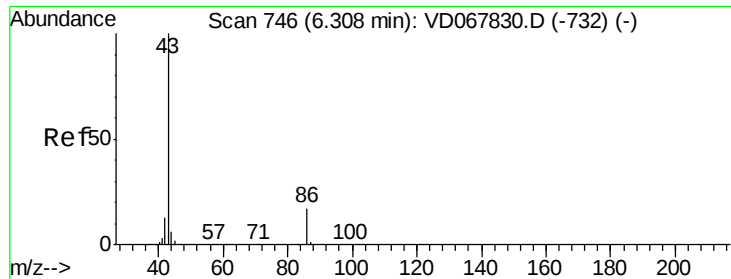
Delta R.T. 0.01 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 69370 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 58.8  | 49.8  | 74.6  |
| 87       | 48.7  | 32.1  | 48.1# |
| 59       | 12.1  | 11.9  | 17.9  |





#23

Vinyl Acetate

Concen: 104.111 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

ClientSampleId :

VD1204SBS01

Tot Ion: 43 Resp: 191695

Ion Ratio Lower Upper

43 100

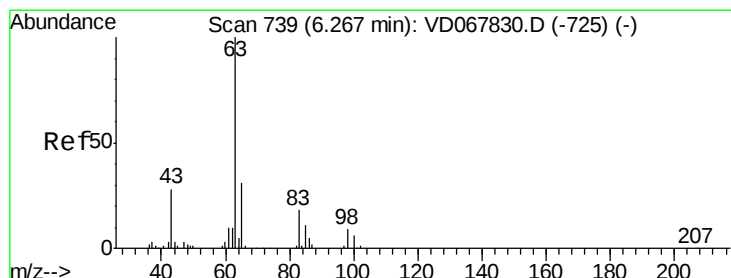
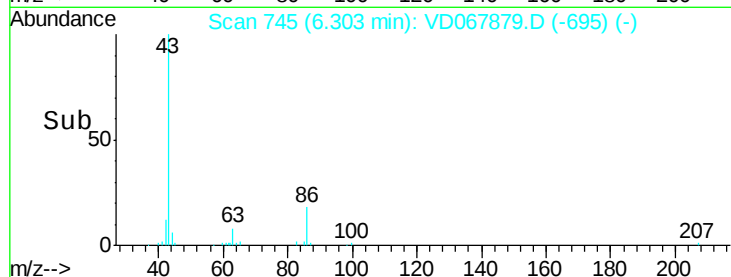
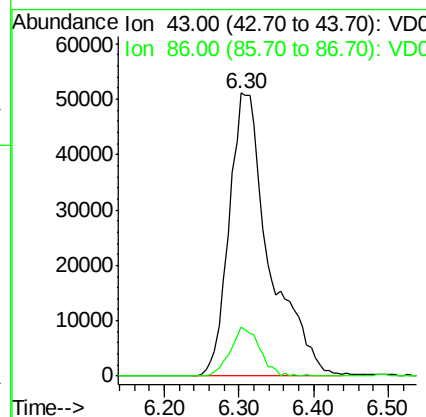
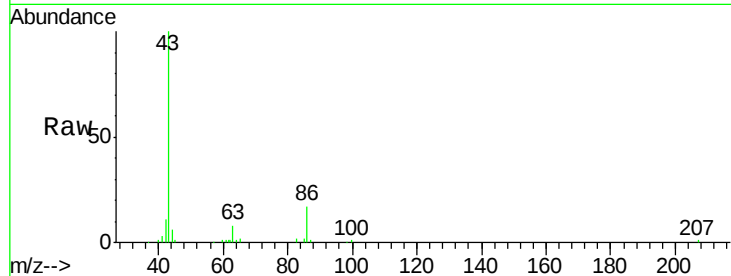
86 17.4 13.8 20.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.688 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

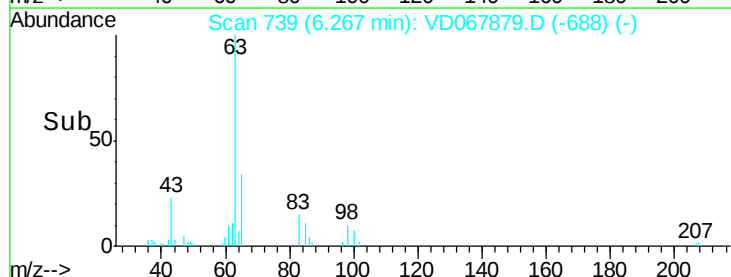
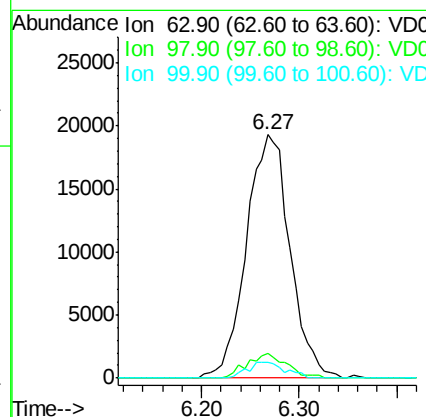
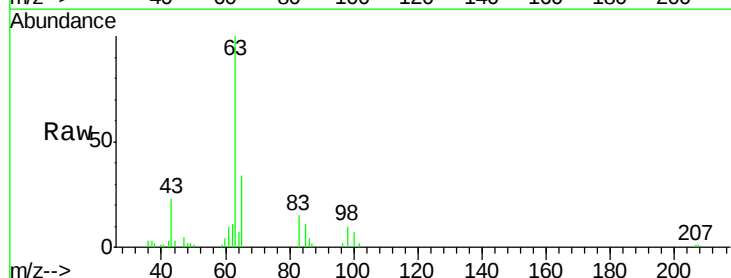
Tgt Ion: 63 Resp: 60021

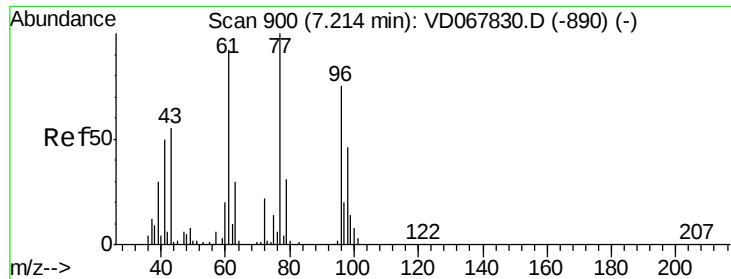
Ion Ratio Lower Upper

63 100

98 10.0 4.5 13.5

100 6.6 3.0 9.2





#25

2-Butanone

Concen: 96.678 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

ClientSampleId :

VD1204SBSD01

Tot Ion: 43 Resp: 28957

Ion Ratio Lower Upper

43 100

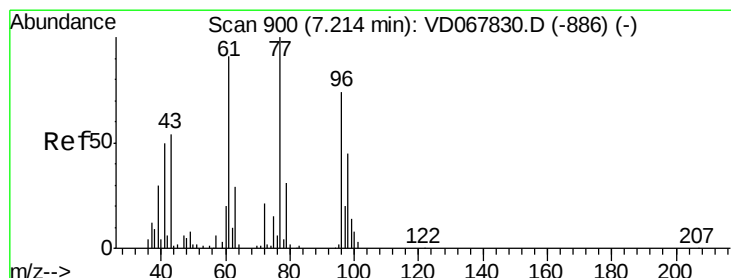
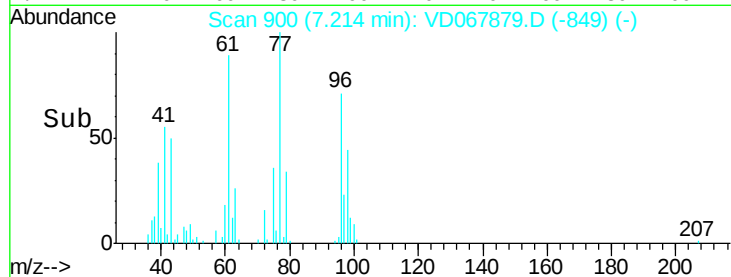
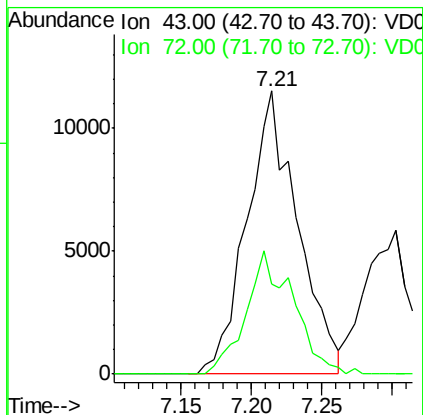
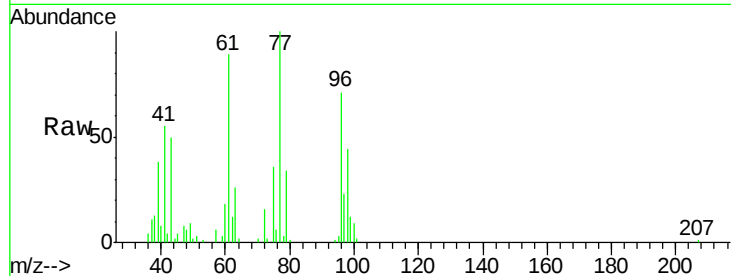
72 31.9 31.3 46.9

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#26

2,2-Dichloropropane

Concen: 20.883 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067879.D

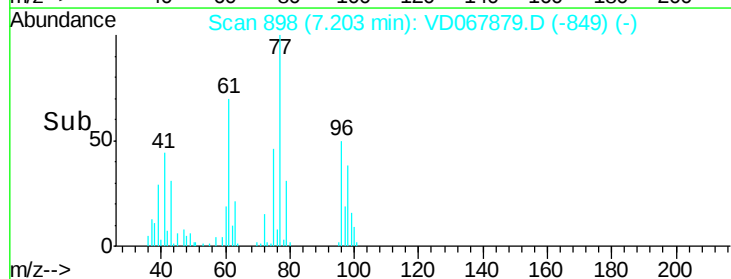
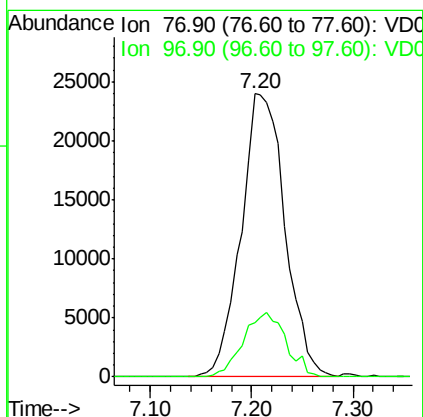
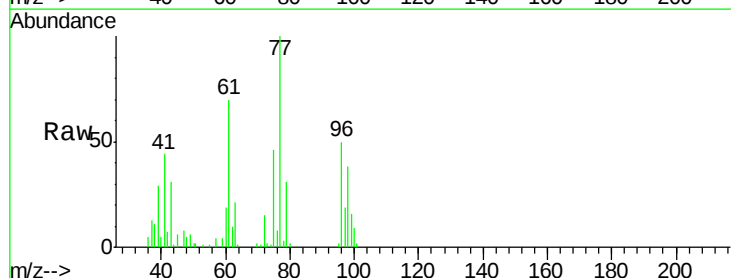
Acq: 04 Dec 2020 12:03

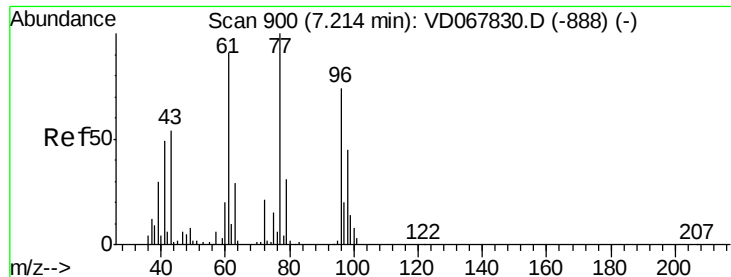
Tgt Ion: 77 Resp: 72248

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.1





#27

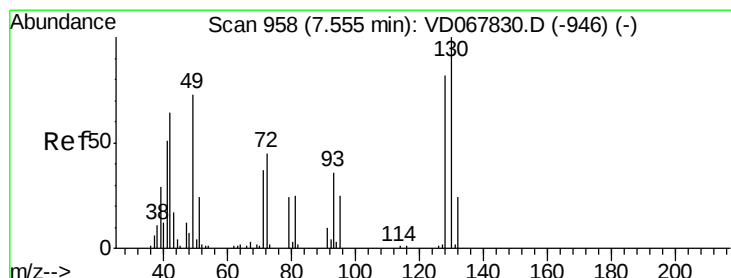
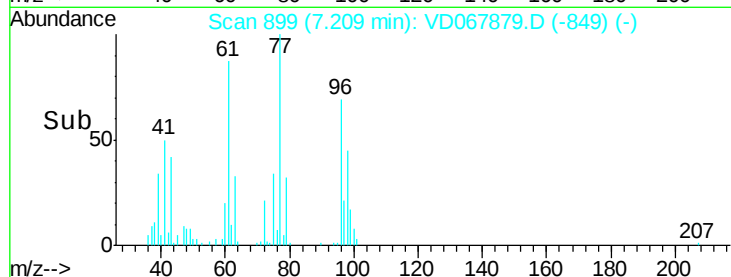
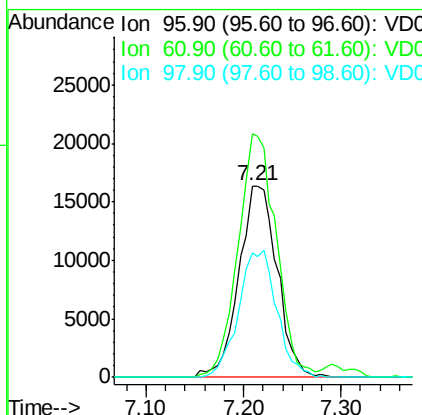
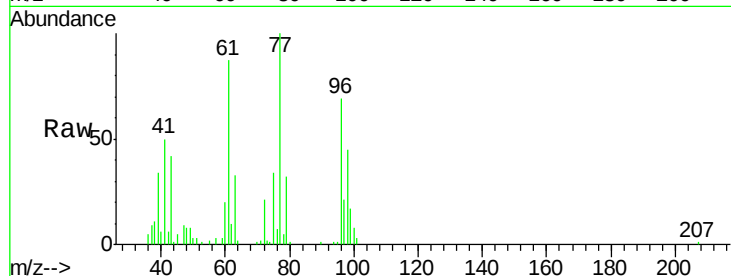
cis-1,2-Dichloroethene  
Concen: 20.272 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 126.6 | 0.0   | 248.4 |
| 98      | 66.3  | 0.0   | 127.4 |

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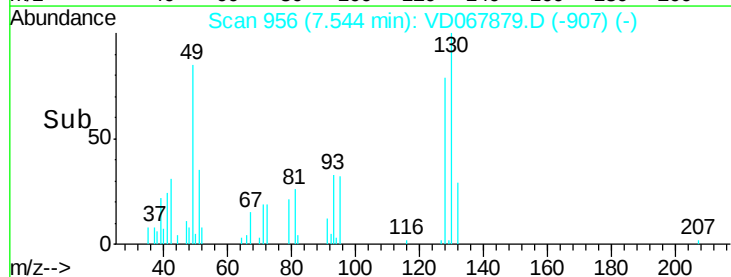
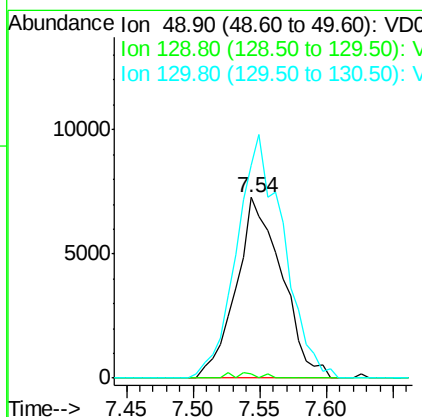
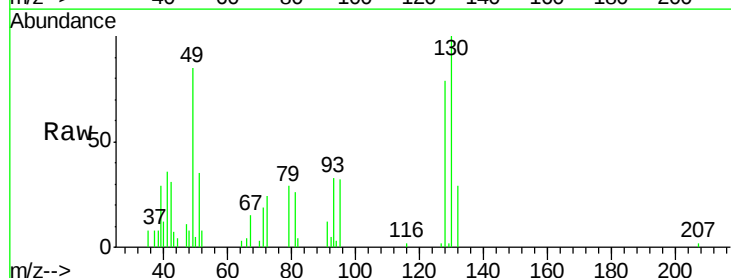
MMDadoda  
12/7/2020 11:30:53 AM

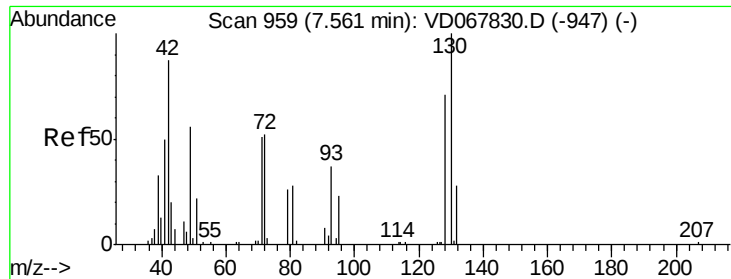


#28

Bromochloromethane  
Concen: 18.749 ug/l  
RT: 7.54 min Scan# 956  
Delta R.T. -0.01 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.6   | 0.0   | 3.4   |
| 130     | 138.3 | 110.2 | 165.2 |





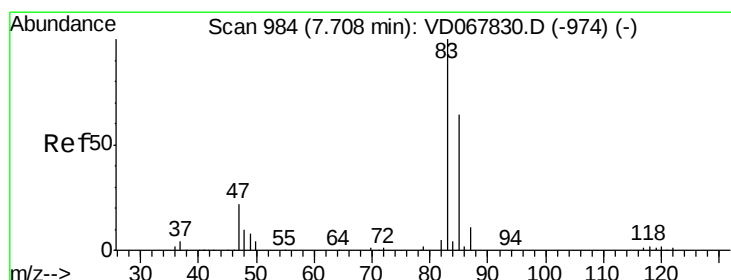
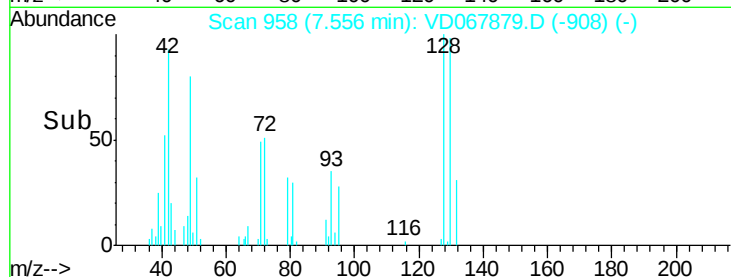
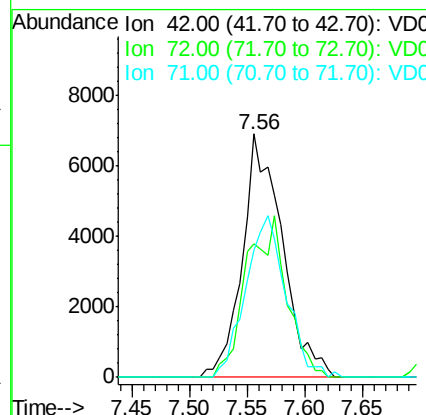
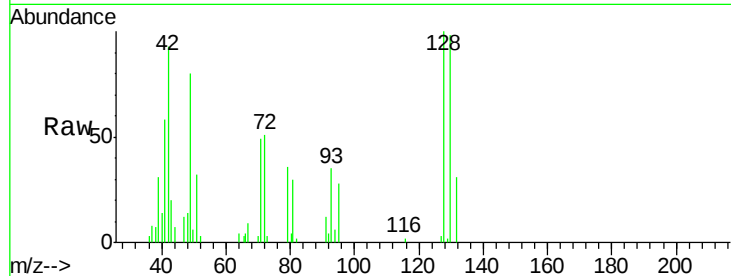
#29  
Tetrahydrofuran  
Concen: 97.535 ug/l  
RT: 7.56 min Scan# 958  
Delta R.T. -0.01 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 67.2  | 51.9  | 77.9  |
| 71      | 67.1  | 48.2  | 72.4  |

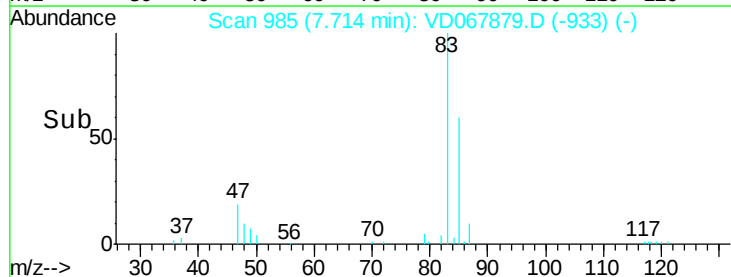
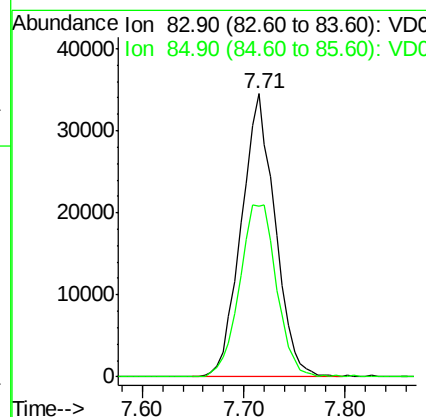
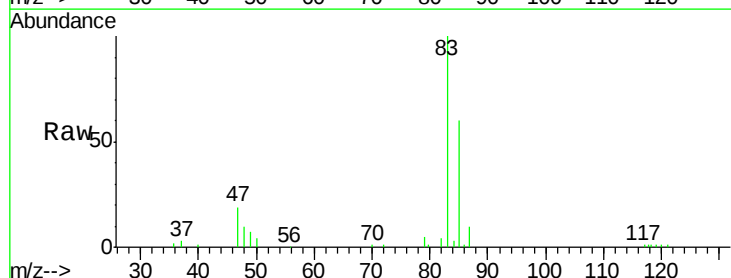
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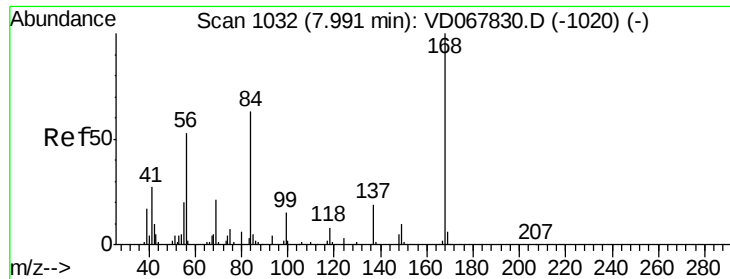
MMDadoda  
12/7/2020 11:30:53 AM



#30  
Chloroform  
Concen: 20.601 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. 0.01 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 60.1  | 51.0  | 76.4  |





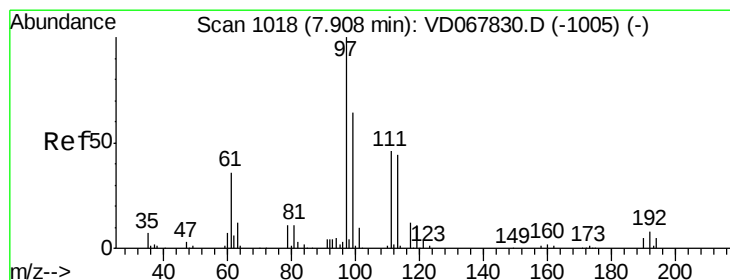
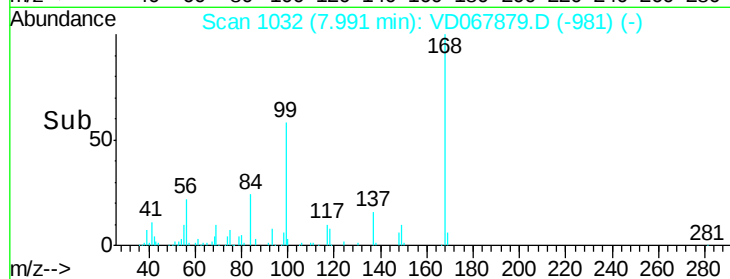
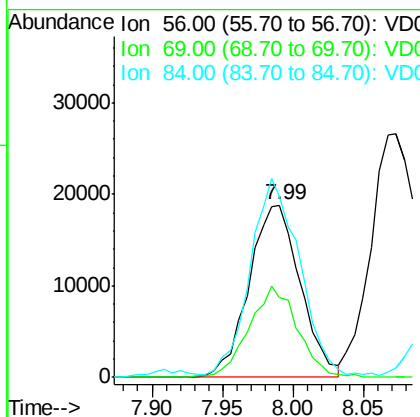
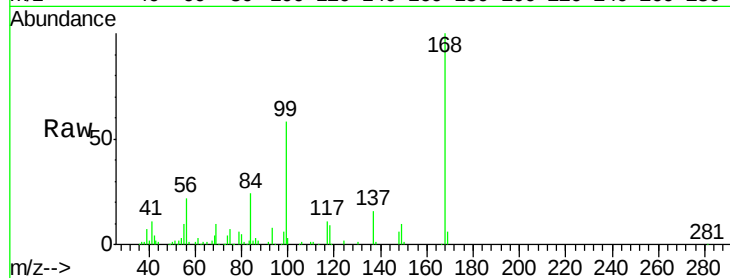
#31  
Cyclohexane  
Concen: 19.780 ug/l  
RT: 7.99 min Scan# 1032  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBS01

| Tot Ion   | 56    | Resp  | 48026 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 56        | 100   |       |       |
| 69        | 46.4  | 32.1  | 48.1  |
| 84        | 102.7 | 93.2  | 139.8 |

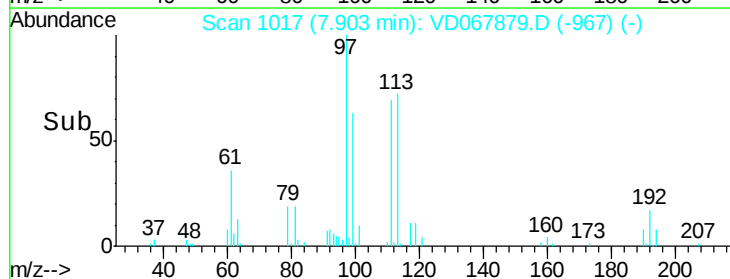
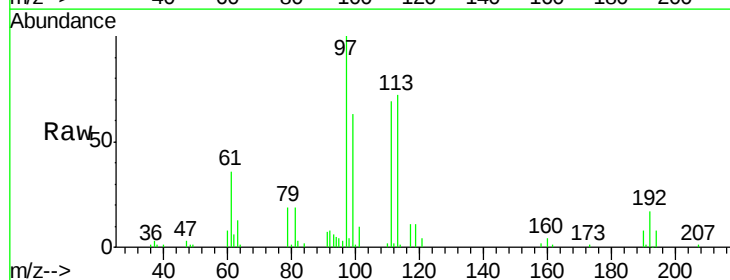
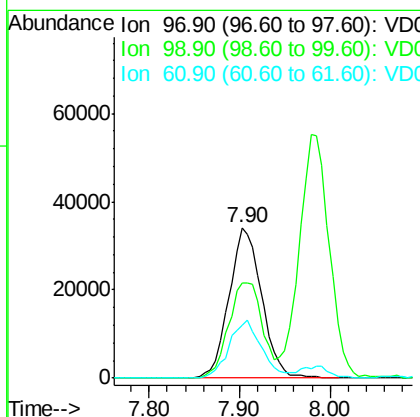
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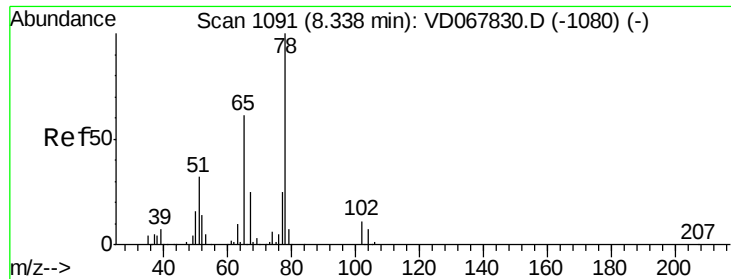
MMDadoda  
12/7/2020 11:30:53 AM



#32  
1,1,1-Trichloroethane  
Concen: 20.823 ug/l  
RT: 7.90 min Scan# 1017  
Delta R.T. -0.01 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

| Tgt Ion   | 97   | Resp  | 85225 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 97        | 100  |       |       |
| 99        | 65.3 | 51.4  | 77.2  |
| 61        | 37.7 | 30.8  | 46.2  |





#33

1,2-Dichloroethane-d4

Concen: 48.451 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

ClientSampleId :

VD1204SBSD01

Tot Ion: 65 Resp: 111657

Ion Ratio Lower Upper

65 100

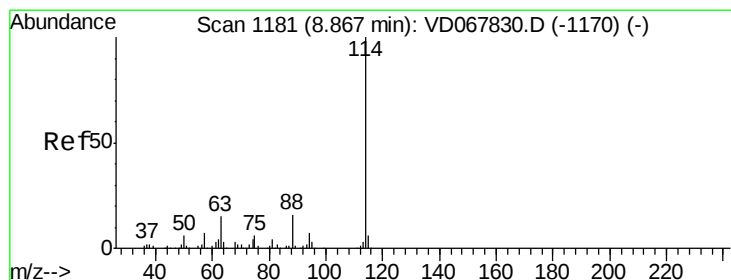
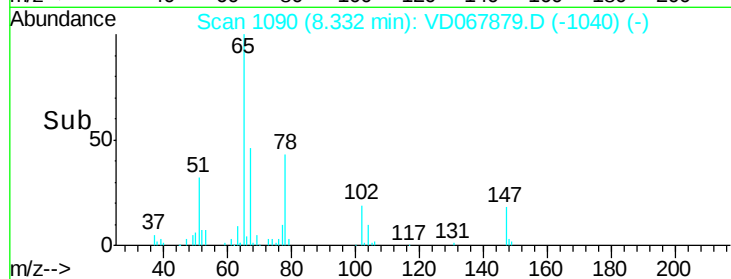
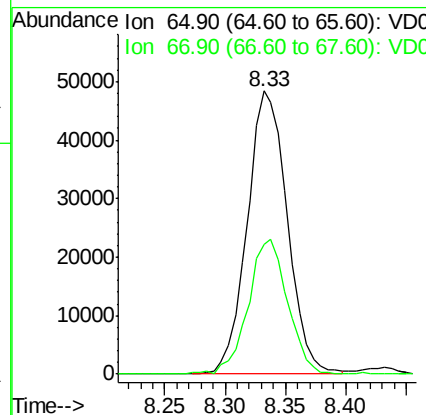
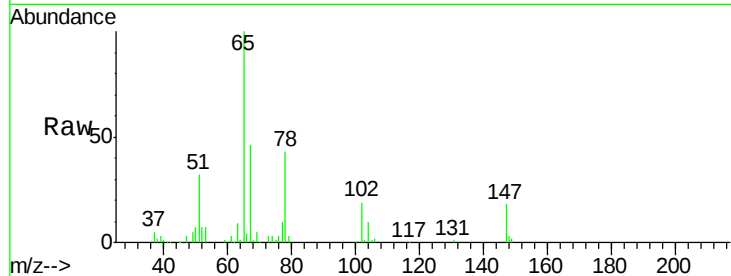
67 46.8 0.0 92.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

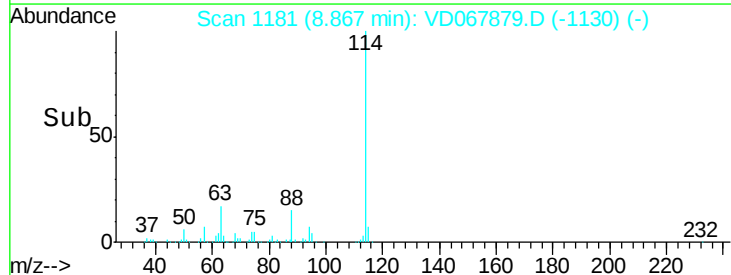
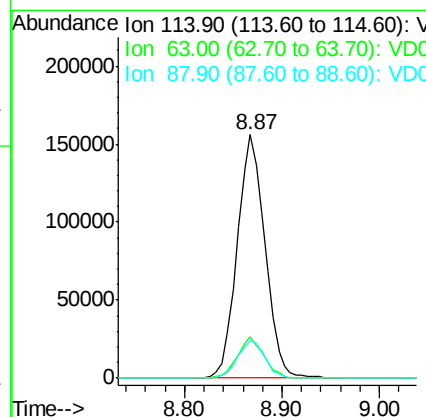
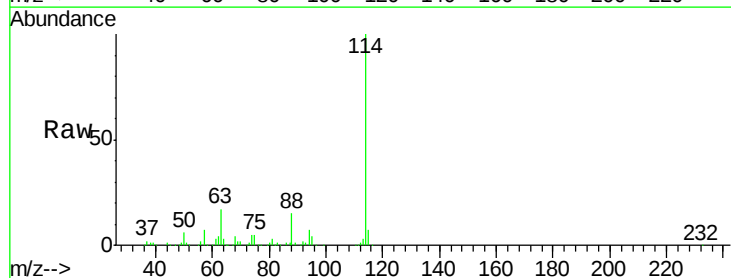
Tgt Ion: 114 Resp: 308100

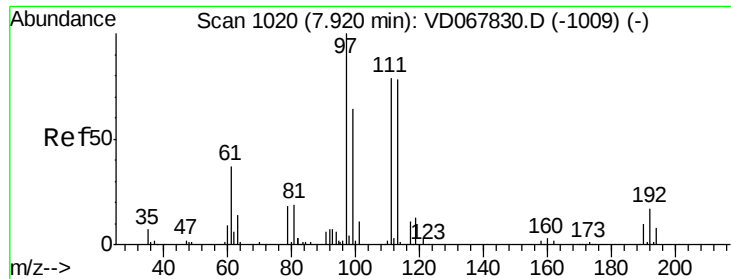
Ion Ratio Lower Upper

114 100

63 17.0 0.0 30.8

88 15.5 0.0 31.8





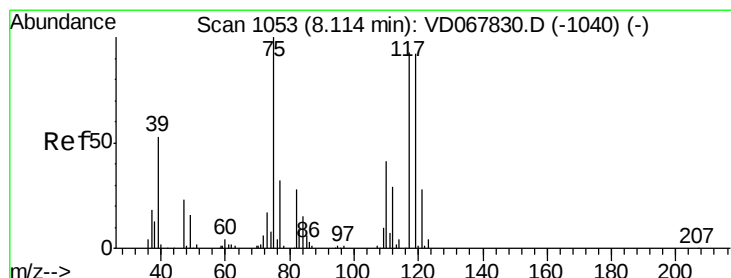
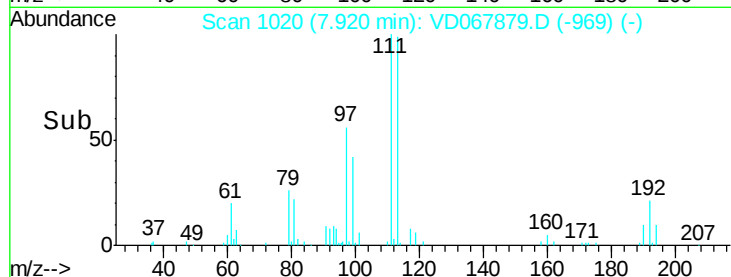
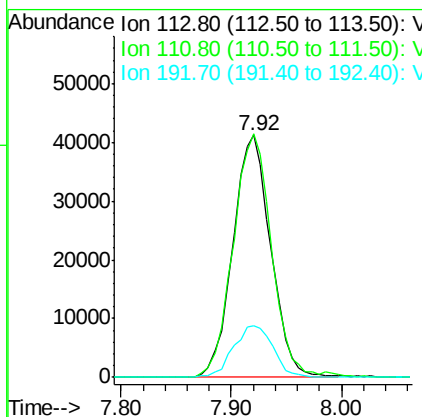
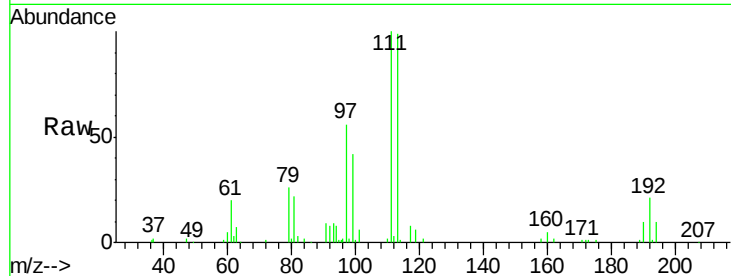
#35  
 Dibromofluoromethane  
 Concen: 47.977 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. 0.00 min  
 Lab File: VD067879.D  
 Acq: 04 Dec 2020 12:03

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1204SBSD01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 98911 |       |       |
| 111     | 102.6 | 81.2  | 121.8 |       |
| 192     | 22.4  | 16.8  | 25.2  |       |

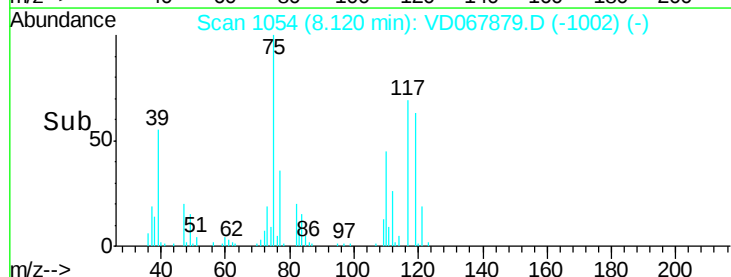
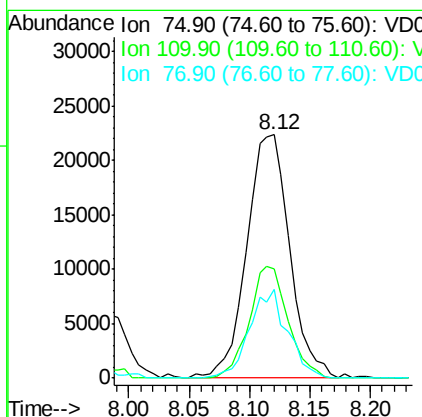
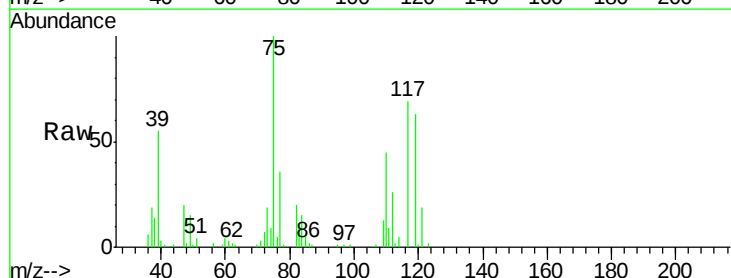
Manual Integrations  
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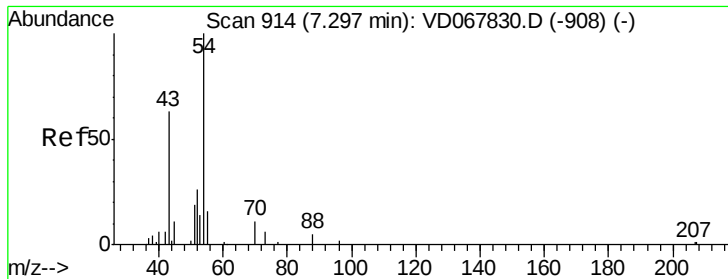
MMDadoda  
 12/7/2020 11:30:53 AM



#36  
 1,1-Dichloropropene  
 Concen: 20.709 ug/l  
 RT: 8.12 min Scan# 1054  
 Delta R.T. 0.01 min  
 Lab File: VD067879.D  
 Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 55235 |       |       |
| 110     | 41.5  | 20.3  | 61.0  |       |
| 77      | 32.2  | 24.7  | 37.1  |       |





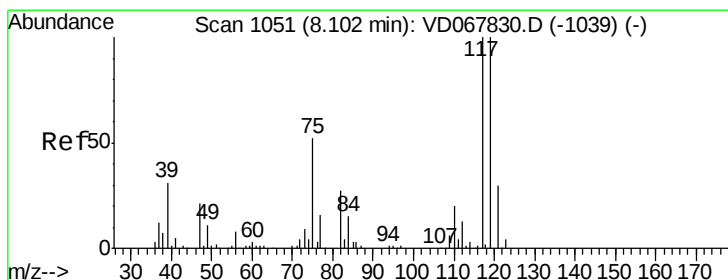
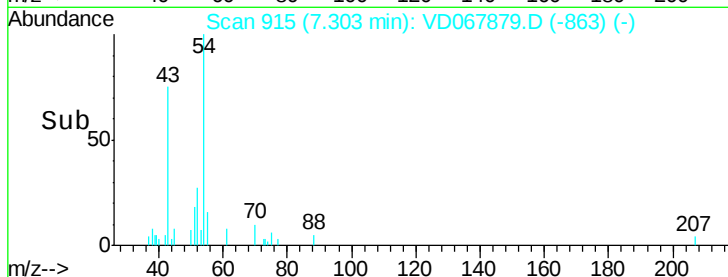
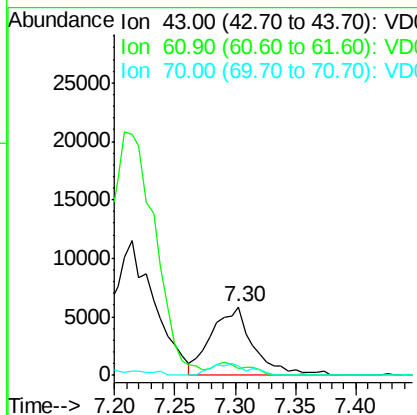
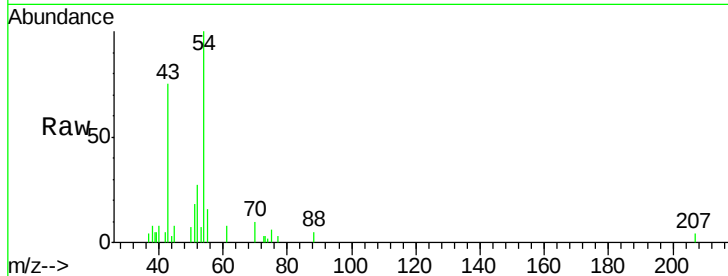
#37  
Ethyl Acetate  
Concen: 19.519 ug/l  
RT: 7.30 min Scan# 915  
Delta R.T. 0.01 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.8  | 11.4  | 17.2  |
| 70      | 15.2  | 11.5  | 17.3  |

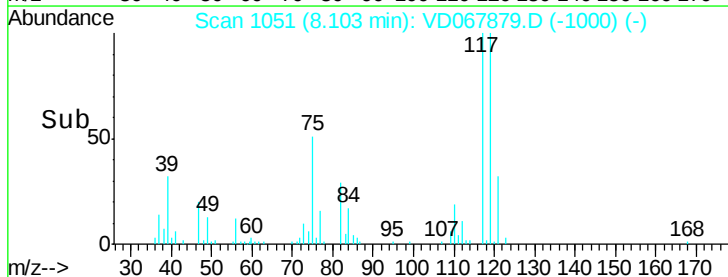
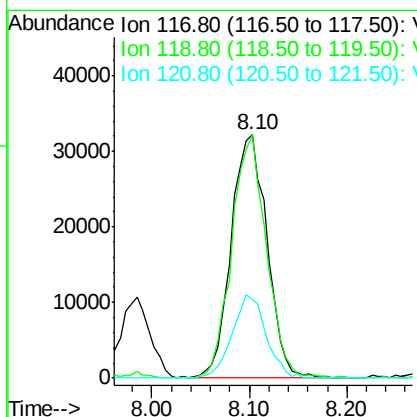
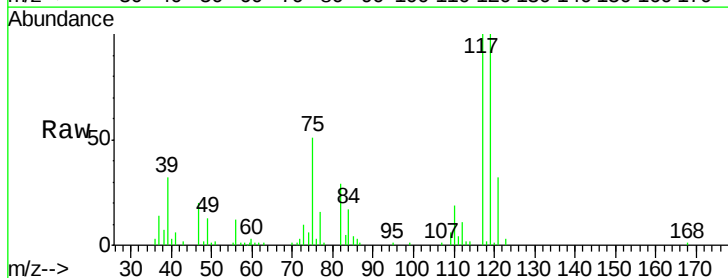
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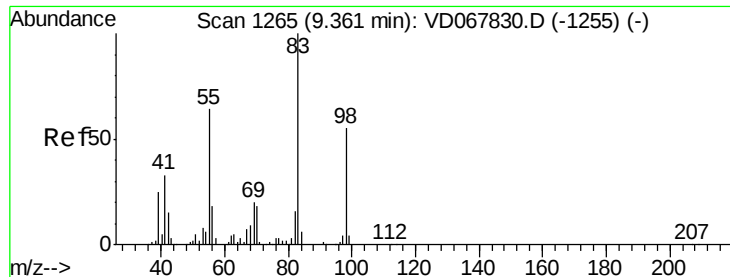
MMDadoda  
12/7/2020 11:30:53 AM



#38  
Carbon Tetrachloride  
Concen: 20.422 ug/l  
RT: 8.10 min Scan# 1051  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 100.0 | 79.7  | 119.5 |
| 121     | 32.2  | 23.8  | 35.6  |





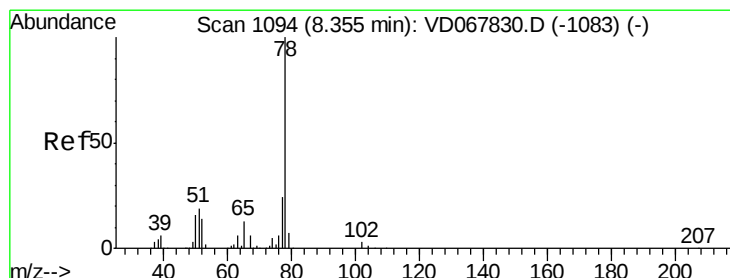
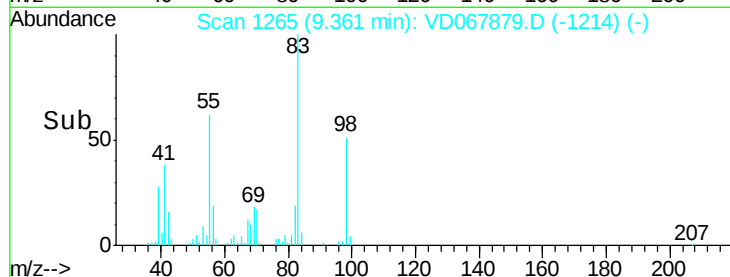
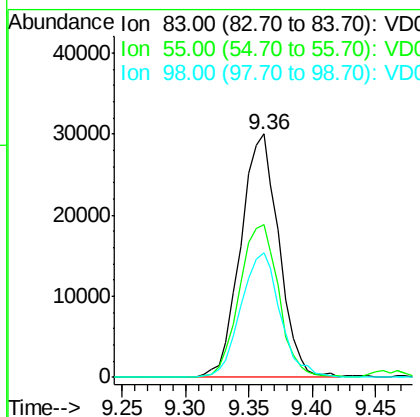
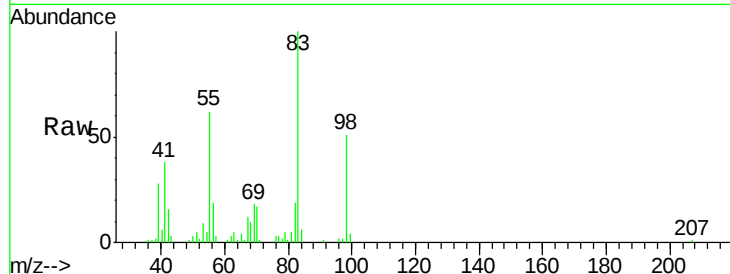
#39  
Methvlcvclohexane  
Concen: 19.937 ug/l  
RT: 9.36 min Scan# 1265  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 62.5  | 51.6  | 77.4  |
| 98      | 51.1  | 44.3  | 66.5  |

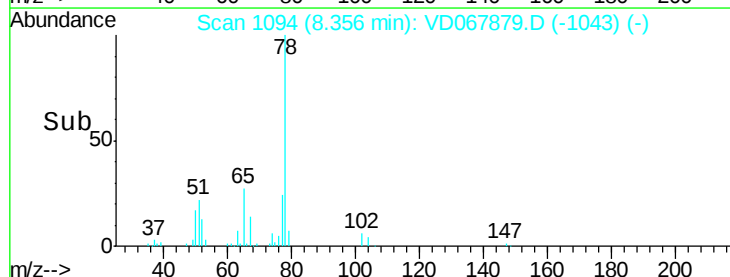
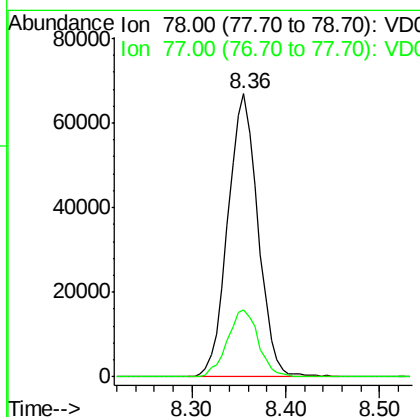
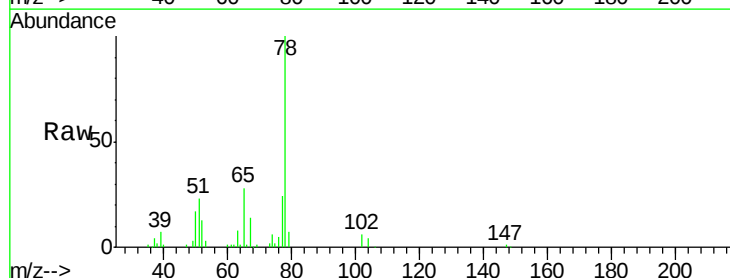
Manual Integrations  
APPROVED

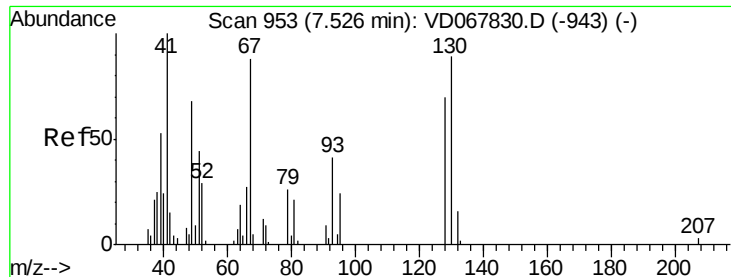
MMDadoda  
12/7/2020 11:30:53 AM



#40  
Benzene  
Concen: 20.376 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.8  | 19.1  | 28.7  |





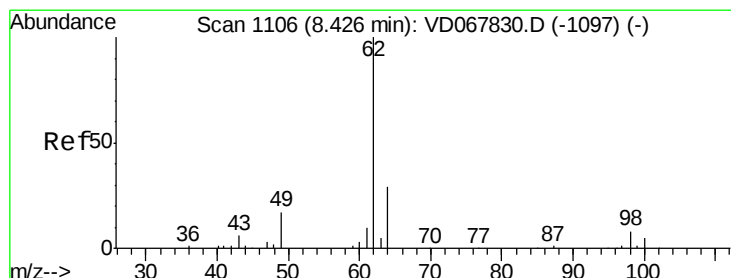
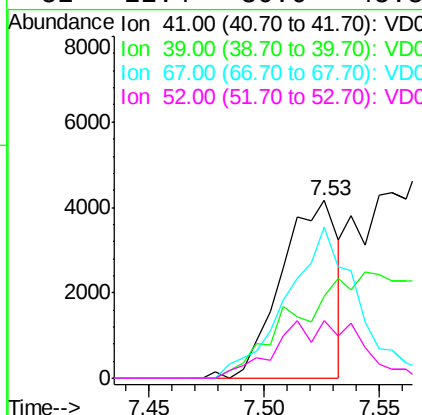
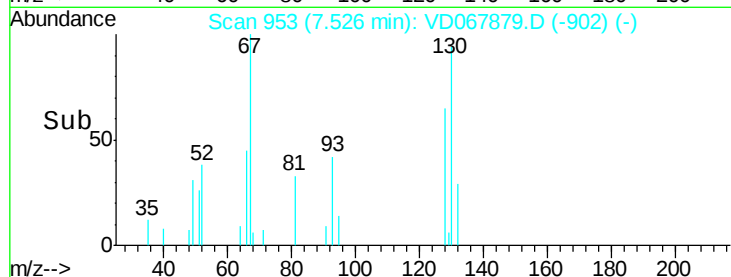
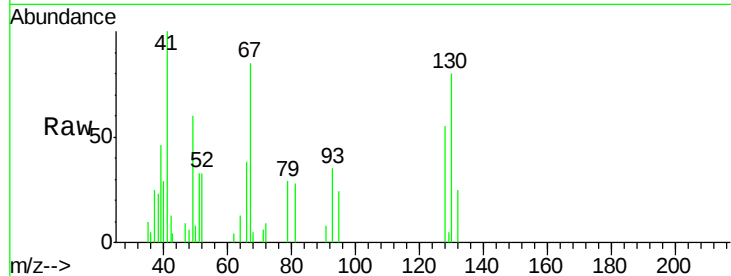
#41  
Methacrylonitrile  
Concen: 18.078 ug/l  
RT: 7.53 min Scan# 953  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 0.0   | 42.1  | 63.1# |
| 67      | 105.7 | 82.4  | 123.6 |
| 52      | 22.4  | 30.6  | 45.8# |

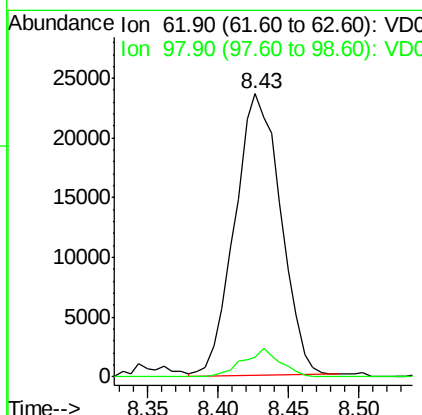
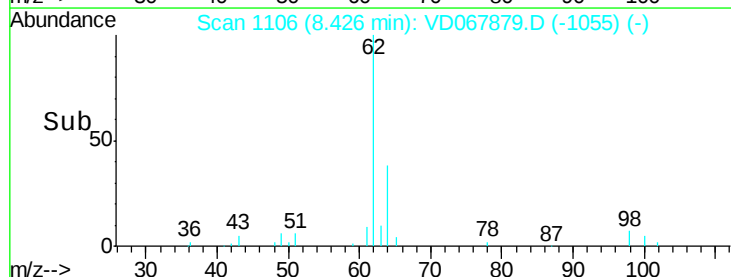
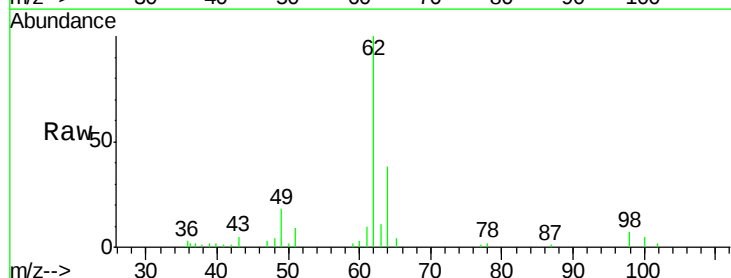
Manual Integrations  
APPROVED

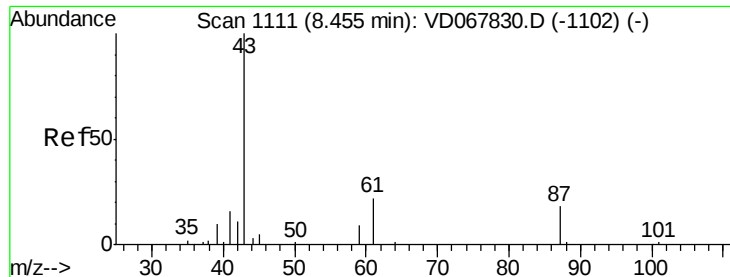
MMDadoda  
12/7/2020 11:30:53 AM



#42  
1,2-Dichloroethane  
Concen: 20.694 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.3   | 0.0   | 17.2  |





#43

Isopropyl Acetate

Concen: 19.585 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

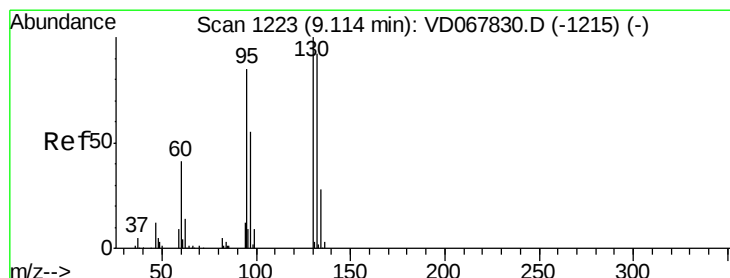
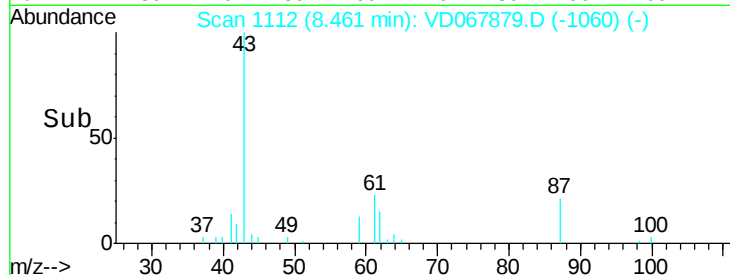
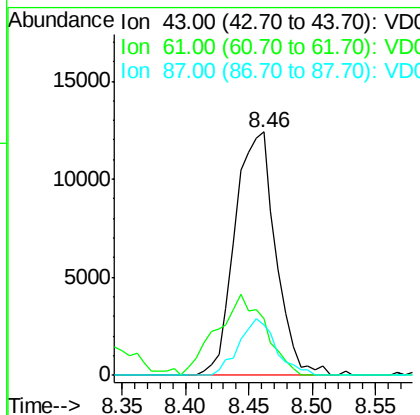
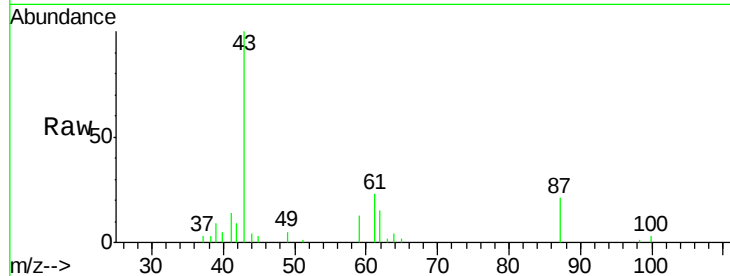
ClientSampleId :

VD1204SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 27702 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 39.7  | 30.4  | 45.6  |
| 87       | 21.1  | 16.2  | 24.2  |

Manual Integrations  
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MMDadoda  
12/7/2020 11:30:53 AM



#44

Trichloroethene

Concen: 21.086 ug/l

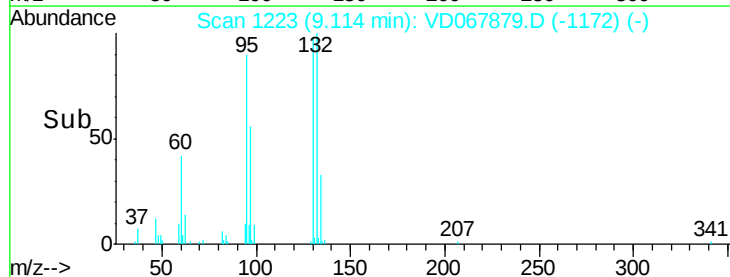
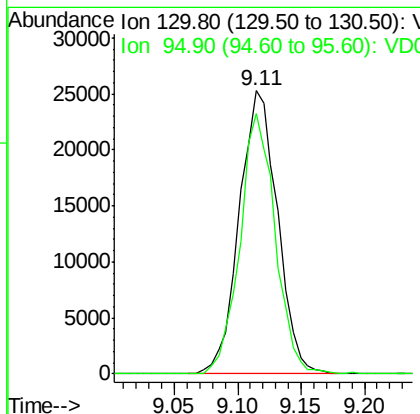
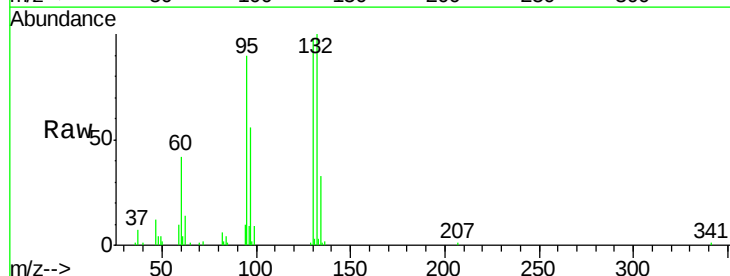
RT: 9.11 min Scan# 1223

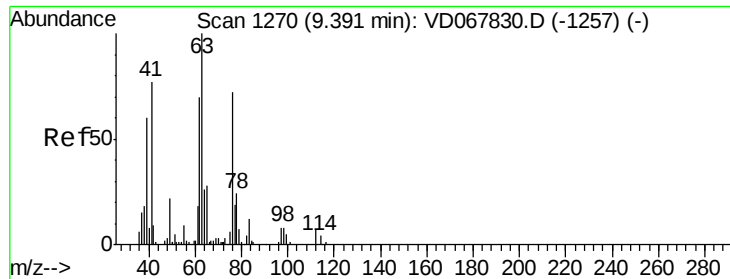
Delta R.T. 0.00 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 52910 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 91.8  | 0.0   | 170.2 |





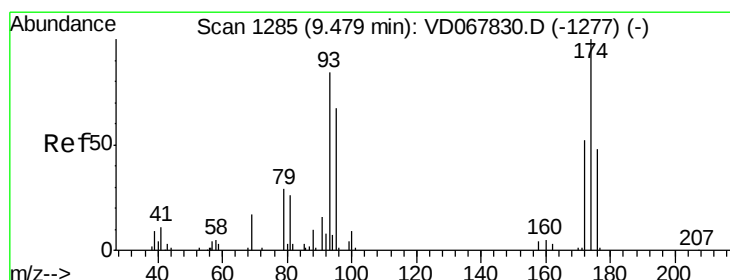
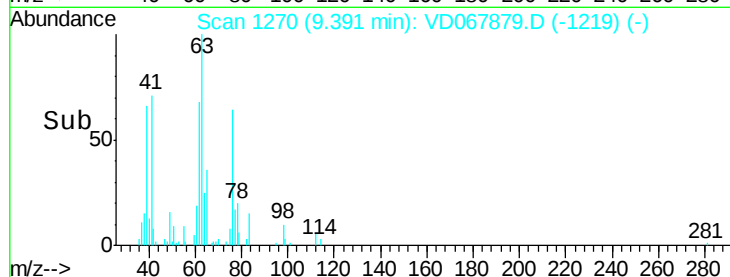
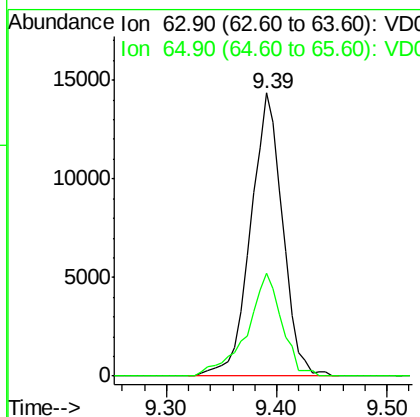
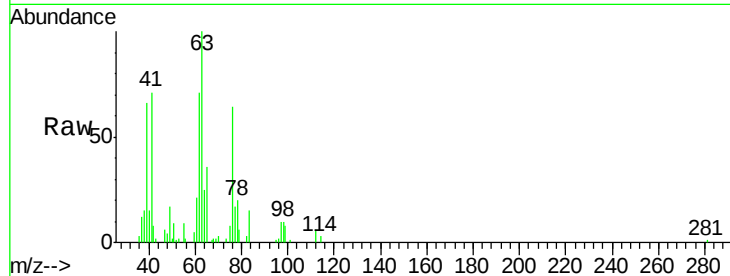
#45  
 1,2-Dichloropropane  
 Concen: 19.427 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. 0.00 min  
 Lab File: VD067879.D  
 Acq: 04 Dec 2020 12:03

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1204SBSD01

Tot Ion: 63 Resp: 29100  
 Ion Ratio Lower Upper  
 63 100  
 65 36.3 22.8 34.2#

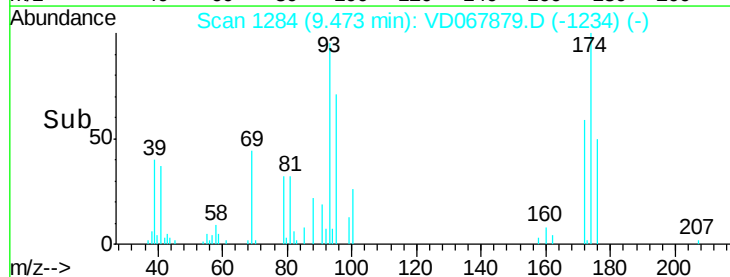
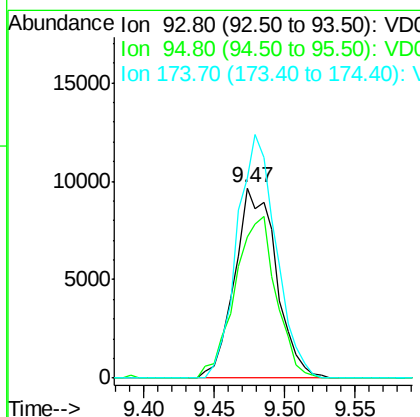
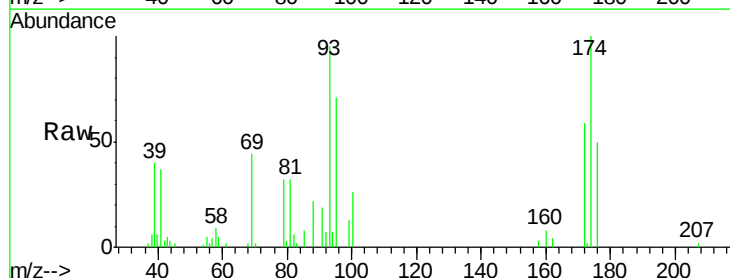
Manual Integrations  
 APPROVED

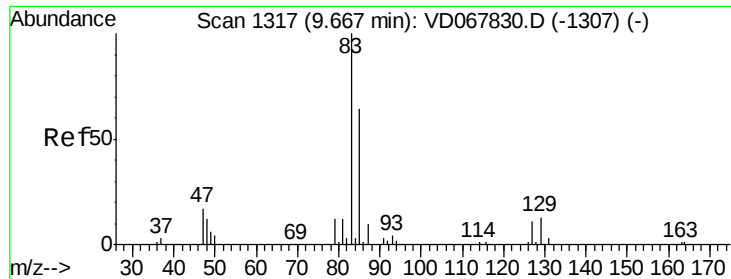
MMDadoda  
 12/7/2020 11:30:53 AM



#46  
 Dibromomethane  
 Concen: 19.023 ug/l  
 RT: 9.47 min Scan# 1284  
 Delta R.T. -0.01 min  
 Lab File: VD067879.D  
 Acq: 04 Dec 2020 12:03

Tgt Ion: 93 Resp: 19812  
 Ion Ratio Lower Upper  
 93 100  
 95 84.7 64.2 96.4  
 174 121.0 91.5 137.3





#47

Bromodichloromethane

Concen: 20.687 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

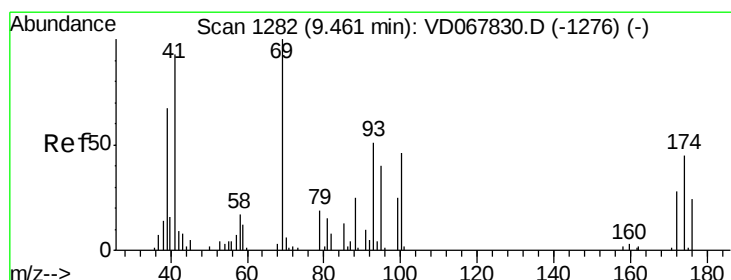
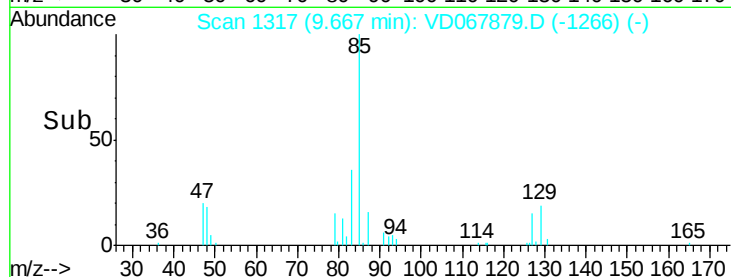
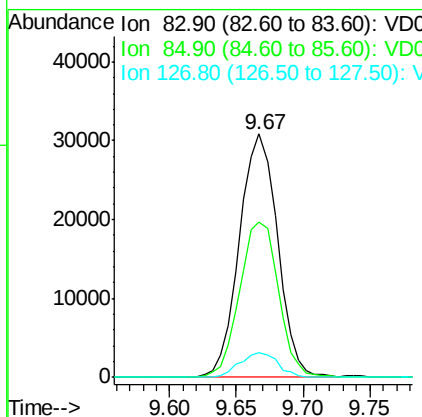
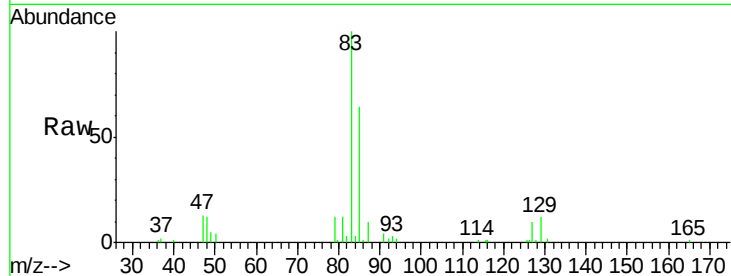
ClientSampleId :

VD1204SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 61421 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 64.0  | 51.4  | 77.0  |
| 127       | 9.9   | 8.5   | 12.7  |

Manual Integrations  
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MMDadoda  
12/7/2020 11:30:53 AM



#48

Methyl methacrylate

Concen: 18.617 ug/l

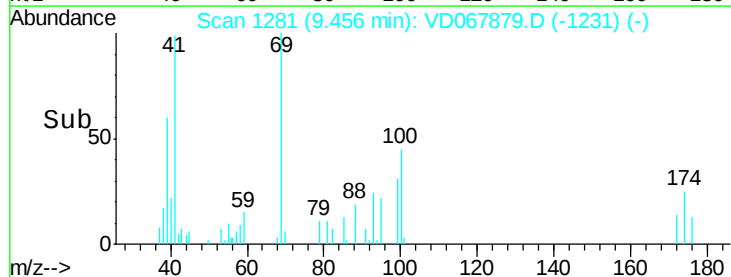
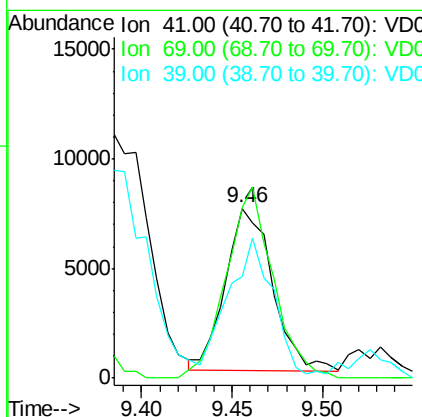
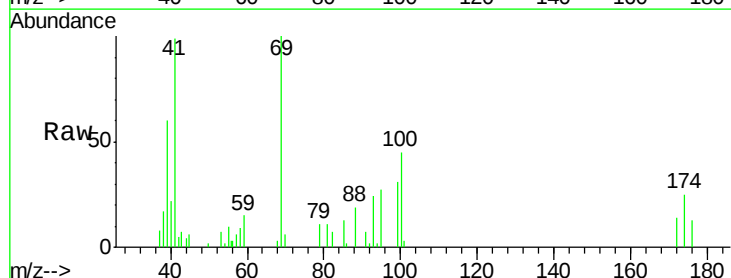
RT: 9.46 min Scan# 1281

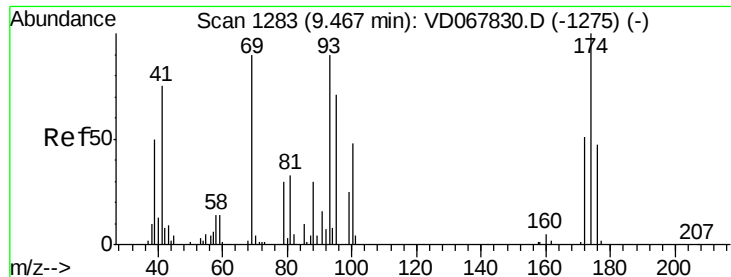
Delta R.T. -0.01 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 13371 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 117.1 | 87.6  | 131.4 |
| 39        | 82.6  | 61.2  | 91.8  |





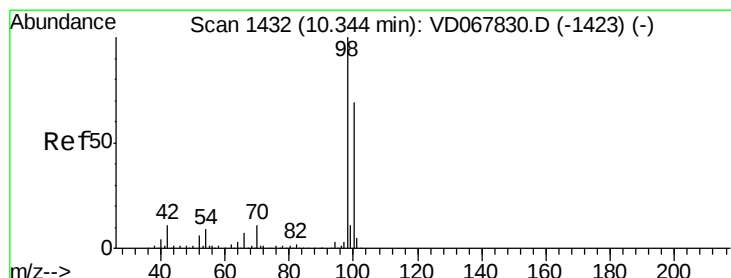
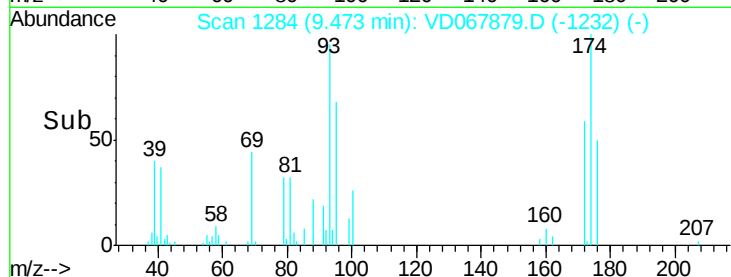
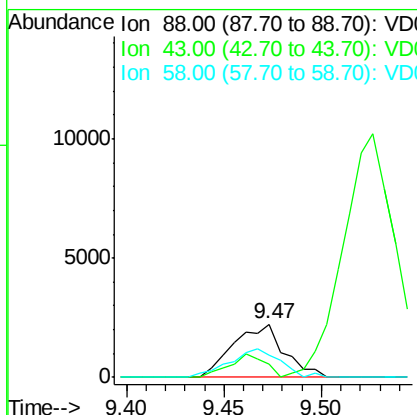
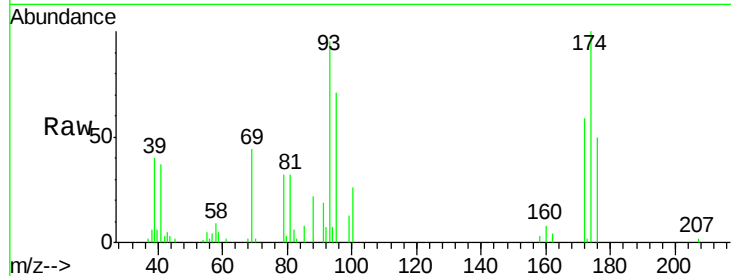
#49  
1,4-Dioxane  
Concen: 335.789 ug/l  
RT: 9.47 min Scan# 1284  
Delta R.T. 0.01 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 30.1  | 30.1  | 45.1# |
| 58      | 54.0  | 42.4  | 63.6  |

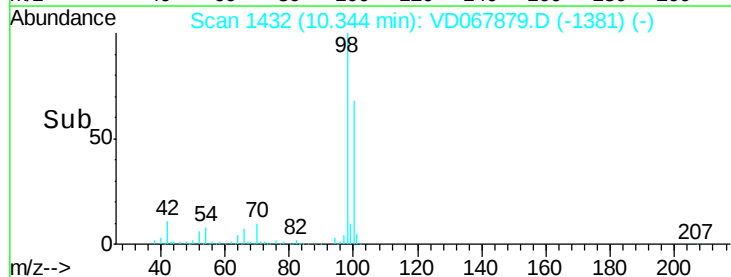
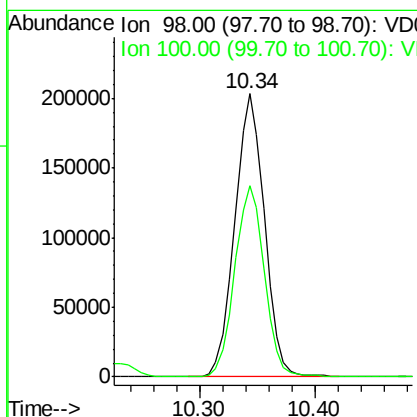
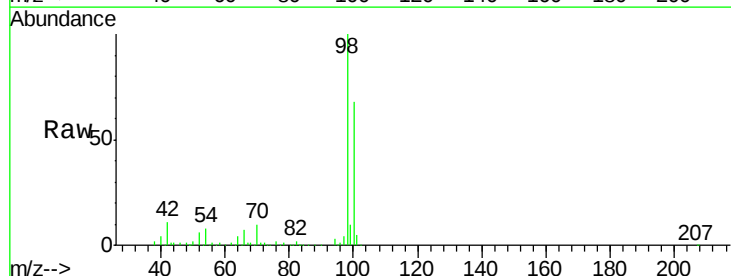
Manual Integrations  
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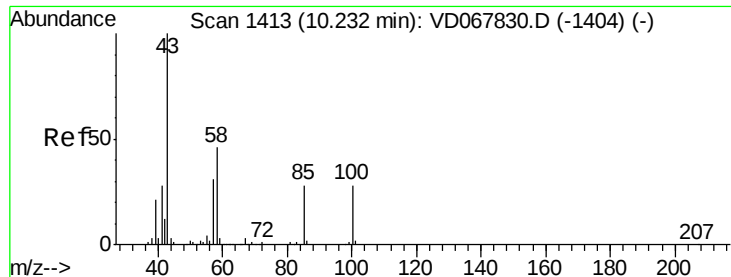
MMDadoda  
12/7/2020 11:30:53 AM



#50  
Toluene-d8  
Concen: 48.800 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

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





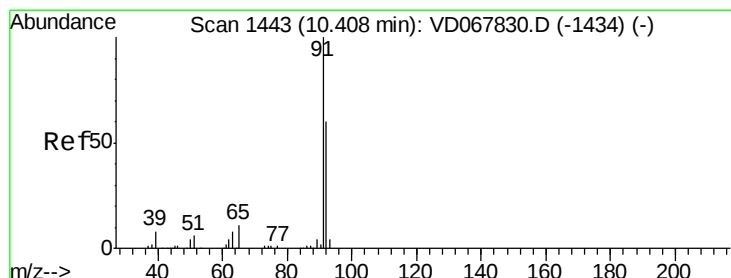
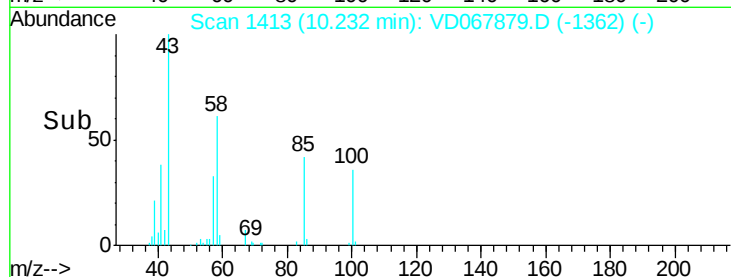
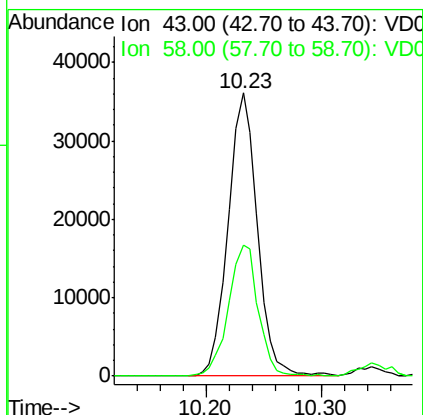
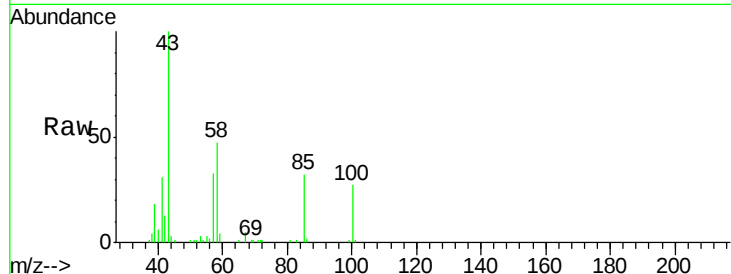
#51  
4-Methyl-2-Pentanone  
Concen: 94.616 ug/l  
RT: 10.23 min Scan# 1413  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBS01

Tot Ion: 43 Resp: 63339  
Ion Ratio Lower Upper  
43 100  
58 47.0 35.7 53.5

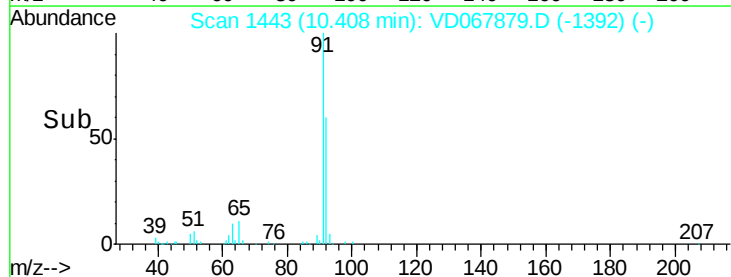
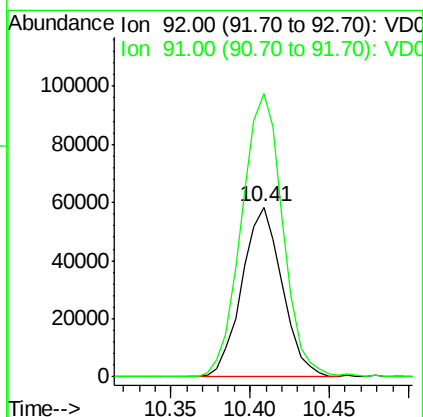
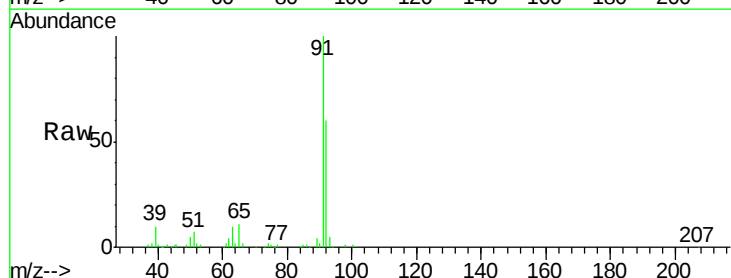
Manual Integrations  
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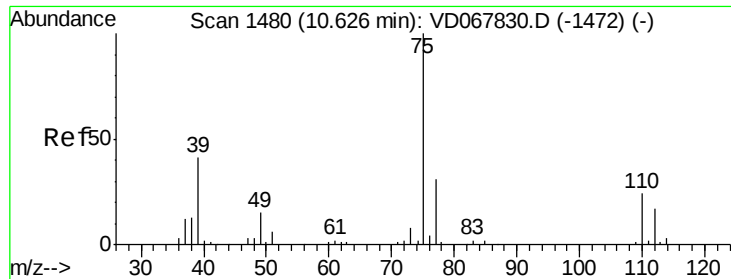
MMDadoda  
12/7/2020 11:30:53 AM



#52  
Toluene  
Concen: 20.154 ug/l  
RT: 10.41 min Scan# 1443  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Tgt Ion: 92 Resp: 102839  
Ion Ratio Lower Upper  
92 100  
91 171.8 134.2 201.2





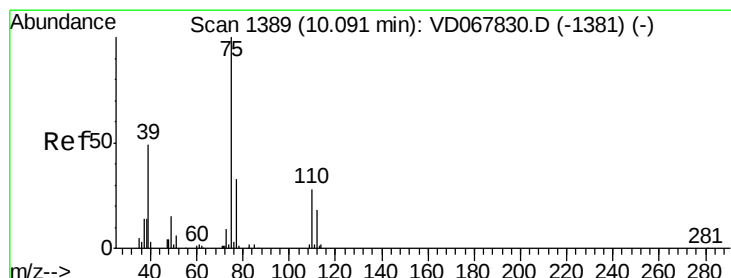
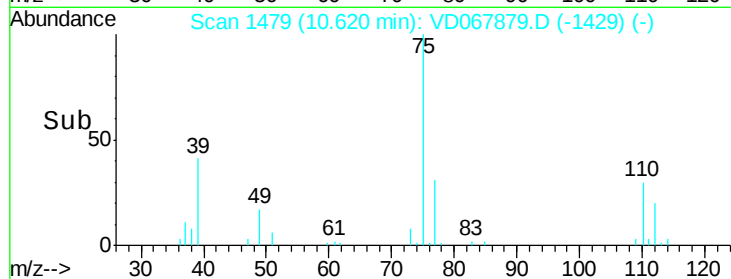
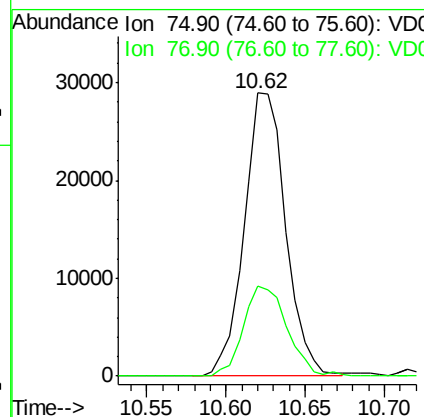
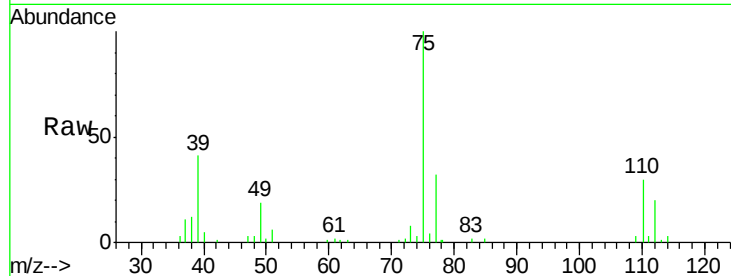
#53  
 t-1,3-Dichloropropene  
 Concen: 20.501 ug/l  
 RT: 10.62 min Scan# 1479  
 Delta R.T. -0.01 min  
 Lab File: VD067879.D  
 Acq: 04 Dec 2020 12:03

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1204SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.8  | 25.0  | 37.4  |

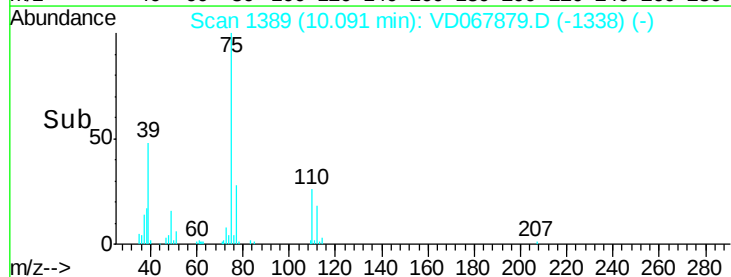
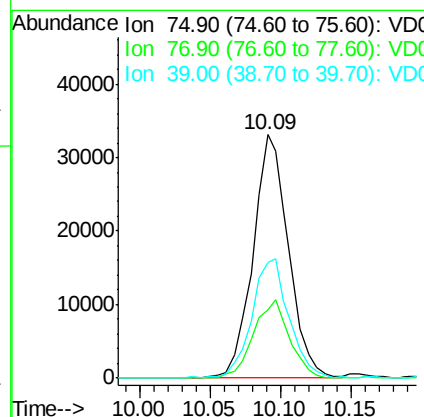
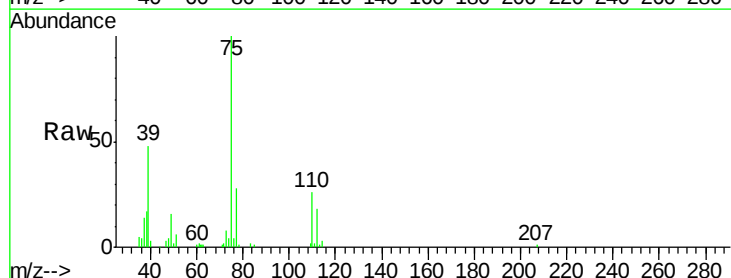
Manual Integrations  
 APPROVED

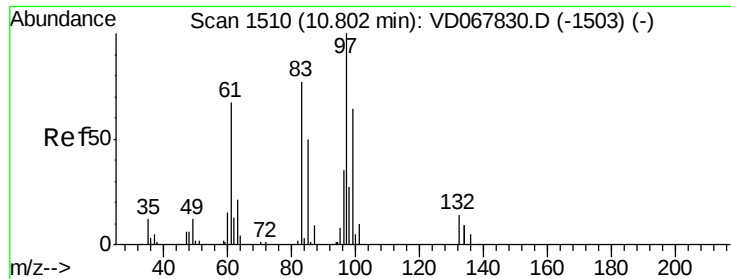
MMDadoda  
 12/7/2020 11:30:53 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.920 ug/l  
 RT: 10.09 min Scan# 1389  
 Delta R.T. 0.00 min  
 Lab File: VD067879.D  
 Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 28.1  | 26.2  | 39.2  |
| 39      | 46.7  | 39.0  | 58.4  |





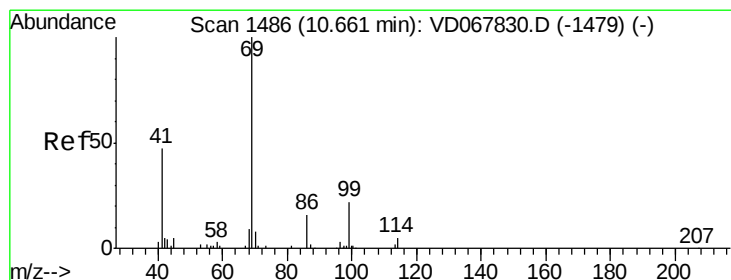
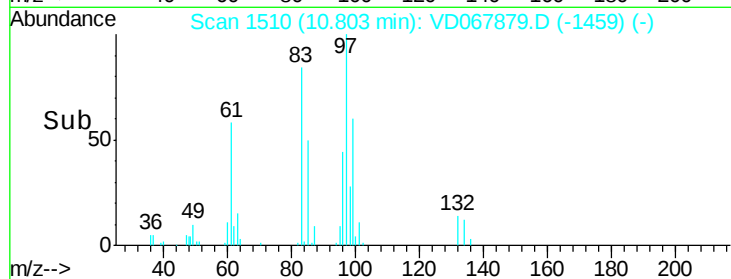
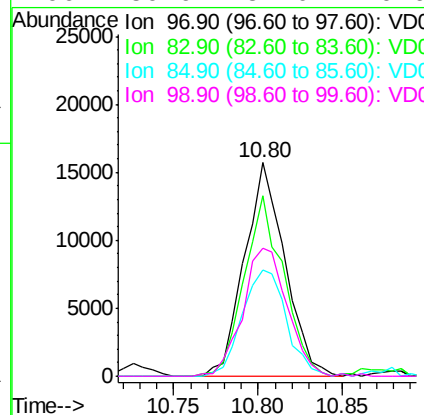
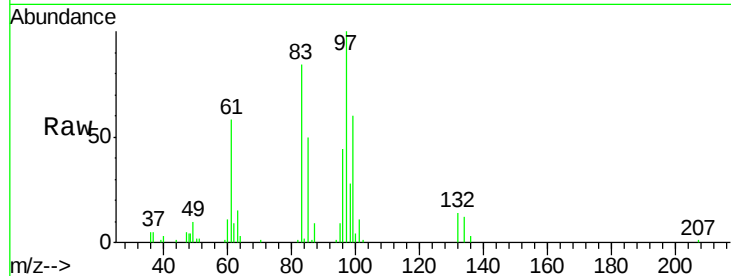
#55  
 1,1,2-Trichloroethane  
 Concen: 18.339 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VD067879.D  
 Acq: 04 Dec 2020 12:03

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1204SBSD01

| Tot Ion | 97    | Resp  | 26138 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 97      | 100   |       |       |
| 83      | 84.3  | 61.9  | 92.9  |
| 85      | 50.0  | 40.2  | 60.4  |
| 99      | 59.9  | 51.0  | 76.6  |

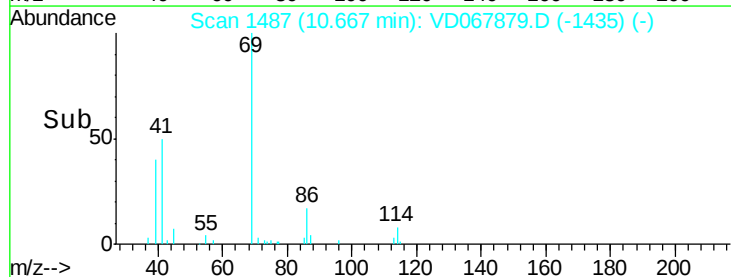
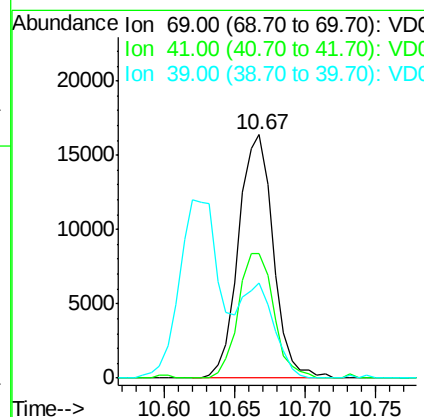
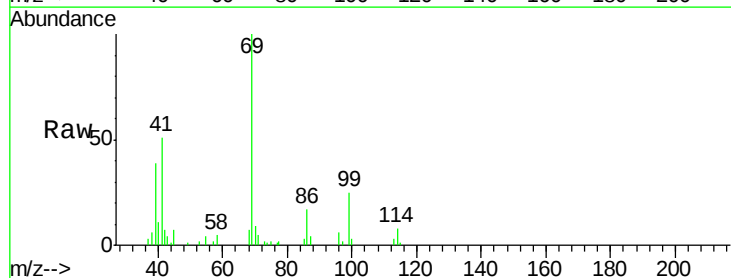
Manual Integrations  
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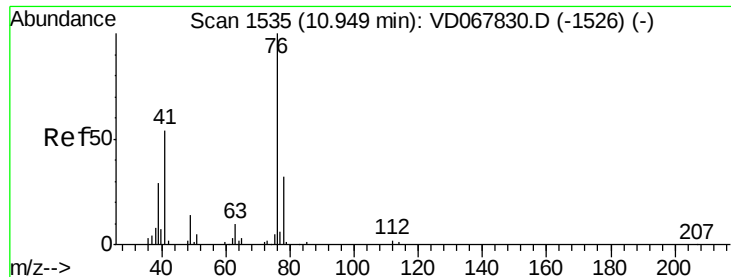
MMDadoda  
 12/7/2020 11:30:53 AM



#56  
 Ethyl methacrylate  
 Concen: 19.390 ug/l  
 RT: 10.67 min Scan# 1487  
 Delta R.T. 0.01 min  
 Lab File: VD067879.D  
 Acq: 04 Dec 2020 12:03

| Tgt Ion | 69    | Resp  | 28118 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 69      | 100   |       |       |
| 41      | 52.8  | 42.8  | 64.2  |
| 39      | 35.8  | 30.5  | 45.7  |





#57

1,3-Dichloropropane

Concen: 19.706 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

ClientSampleId :

VD1204SBS01

Tot Ion: 76 Resp: 44490

Ion Ratio Lower Upper

76 100

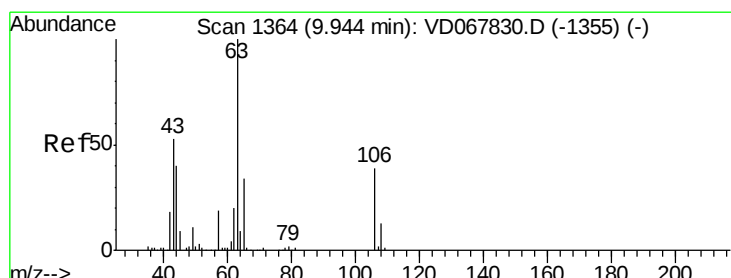
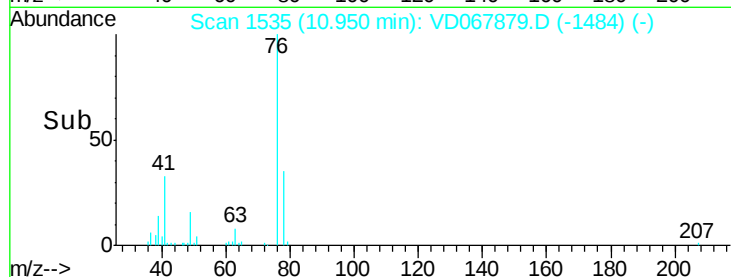
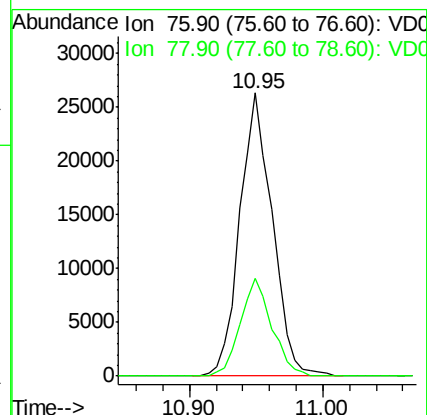
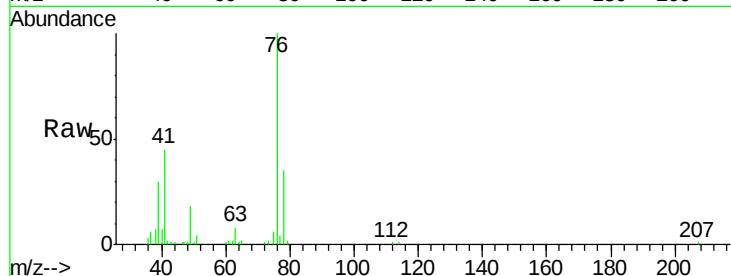
78 33.5 26.6 39.8

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12/7/2020 11:30:53 AM



#58

2-Chloroethyl Vinyl ether

Concen: 87.983 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067879.D

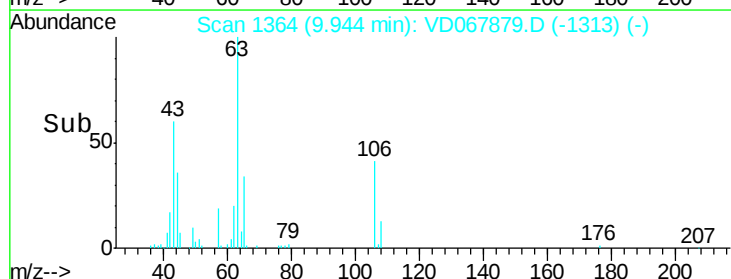
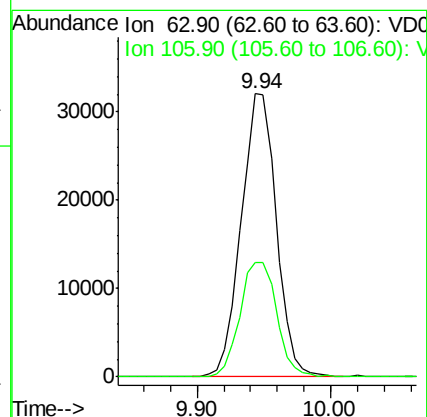
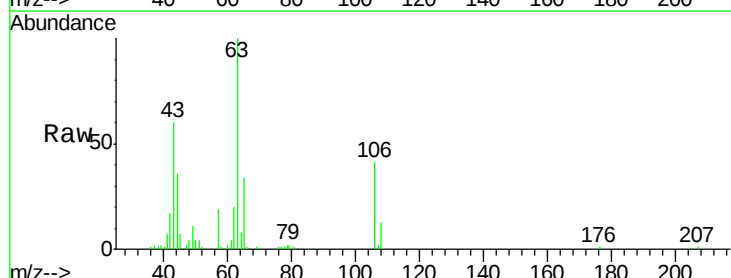
Acq: 04 Dec 2020 12:03

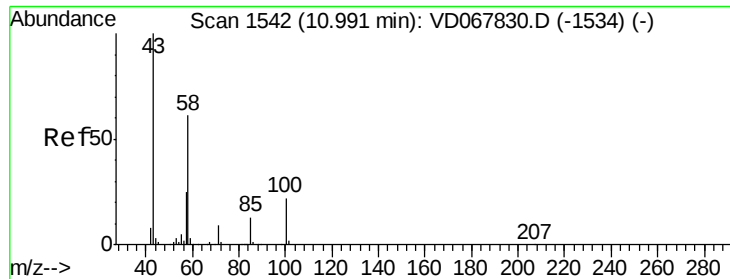
Tgt Ion: 63 Resp: 58056

Ion Ratio Lower Upper

63 100

106 42.7 32.0 48.0





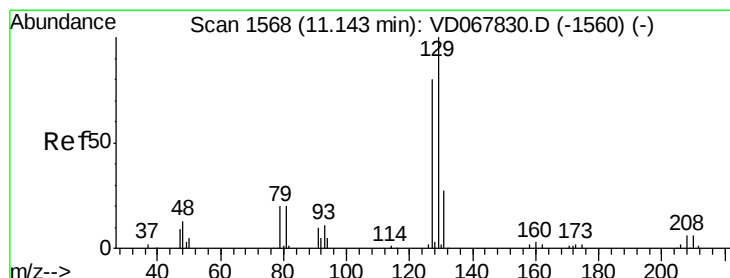
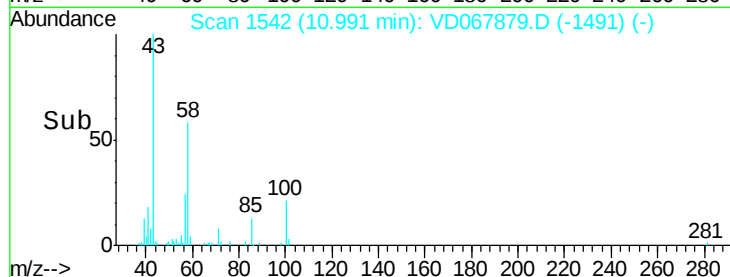
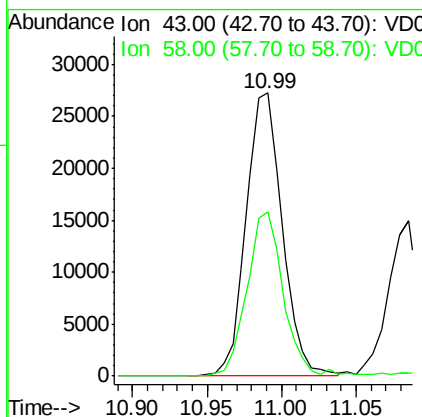
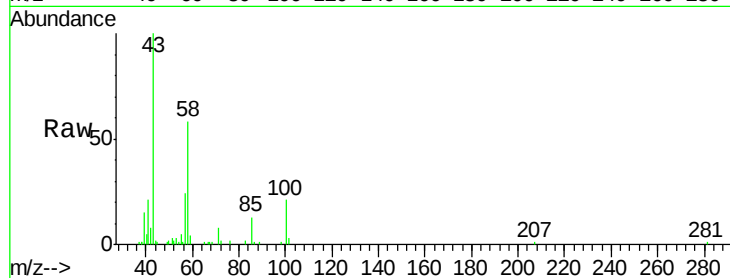
#59  
2-Hexanone  
Concen: 96.800 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBSD01

Tot Ion: 43 Resp: 45681  
Ion Ratio Lower Upper  
43 100  
58 57.2 29.9 89.7

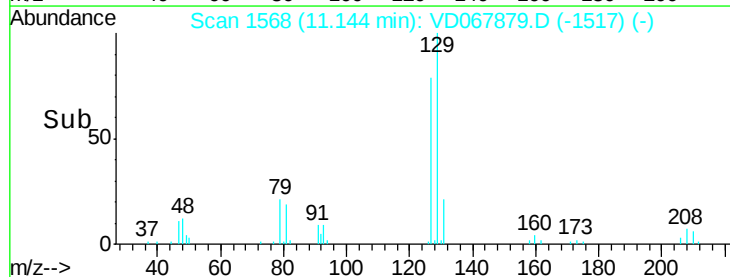
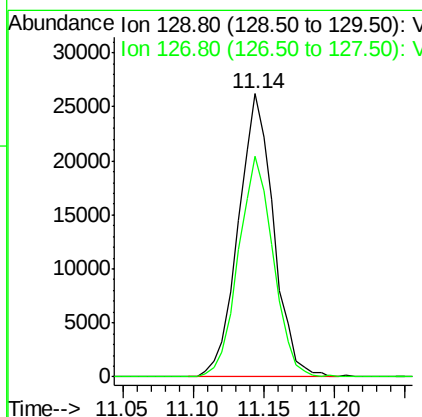
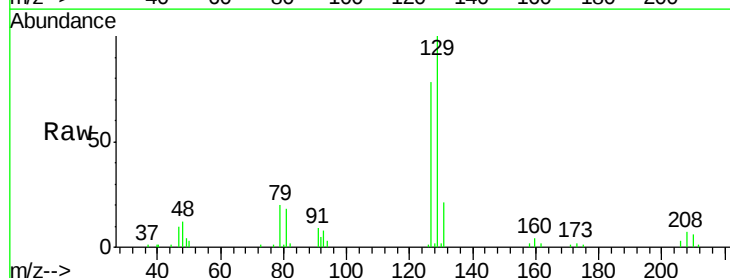
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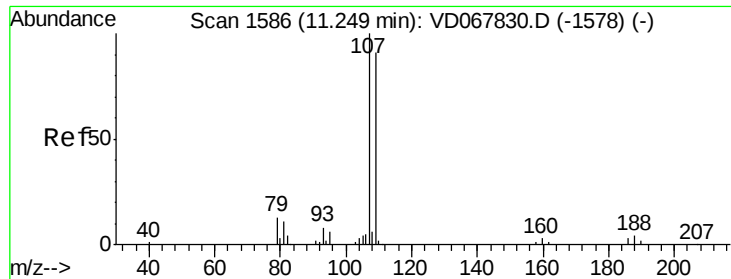
MMDadoda  
12/7/2020 11:30:53 AM



#60  
Dibromochloromethane  
Concen: 21.251 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Tgt Ion: 129 Resp: 45656  
Ion Ratio Lower Upper  
129 100  
127 77.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 19.709 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

ClientSampleId :

VD1204SBSD01

Tot Ion:107 Resp: 27624

Ion Ratio Lower Upper

107 100

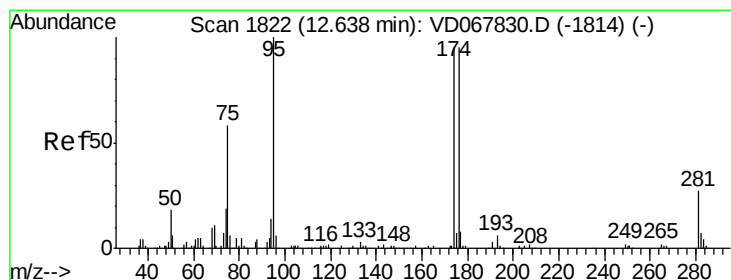
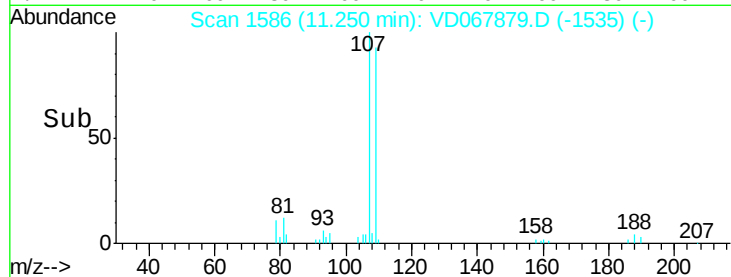
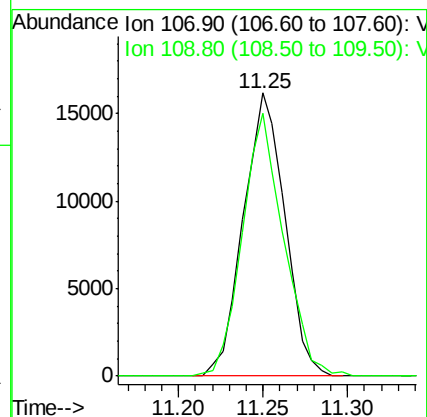
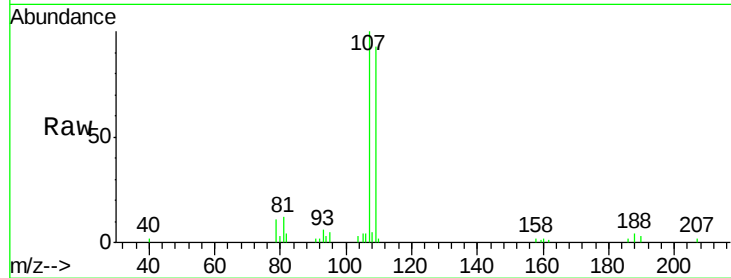
109 92.8 75.9 113.9

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MMDadoda

12/7/2020 11:30:53 AM



#62

4-Bromofluorobenzene

Concen: 51.493 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

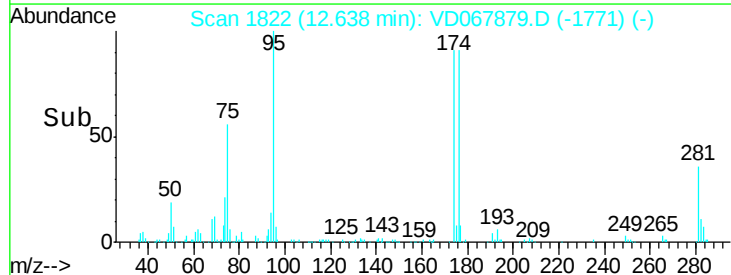
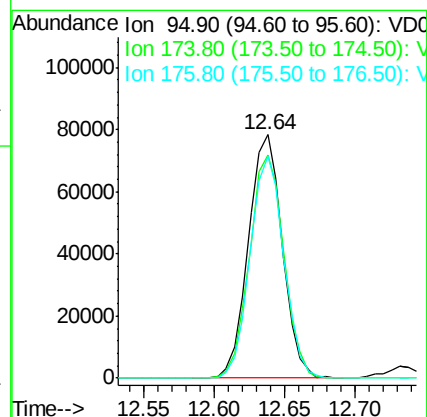
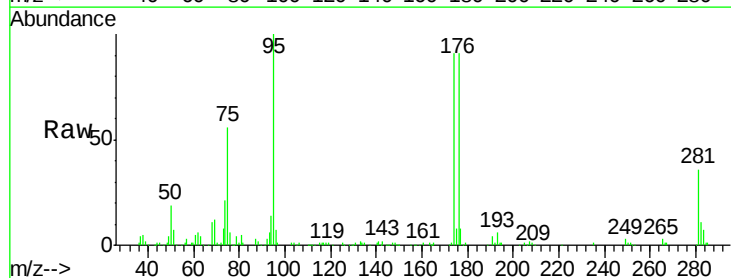
Tgt Ion: 95 Resp: 132121

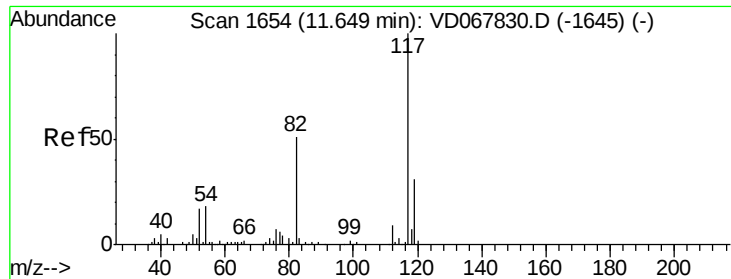
Ion Ratio Lower Upper

95 100

174 93.1 0.0 186.0

176 90.4 0.0 184.2





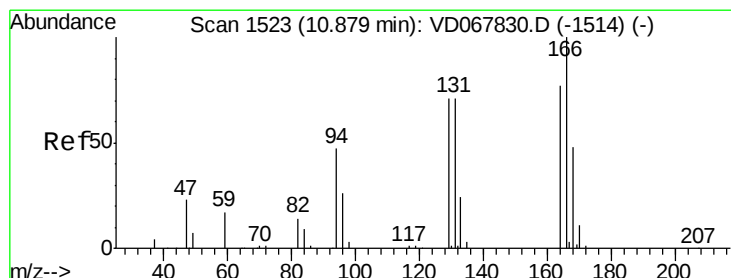
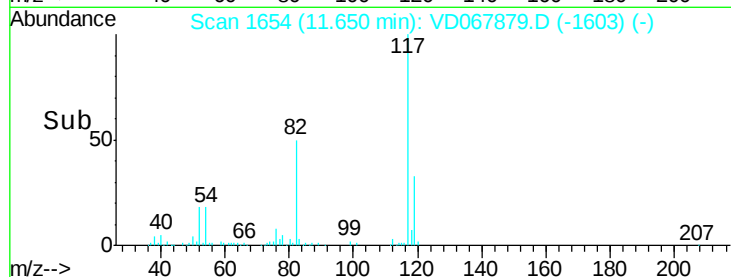
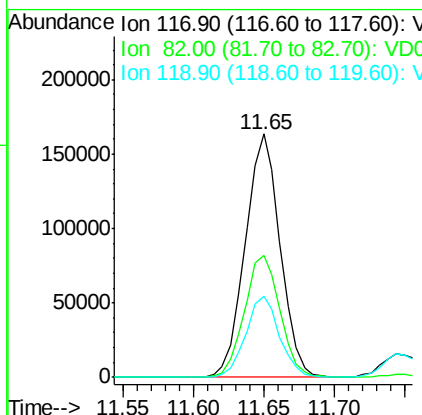
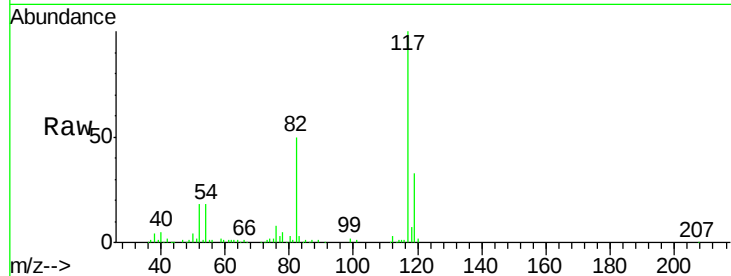
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 282783 |       |       |
| 82      | 50.1  |        | 40.6  | 60.8  |
| 119     | 33.2  |        | 25.1  | 37.7  |

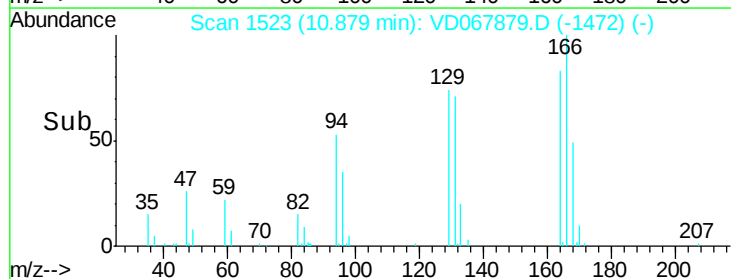
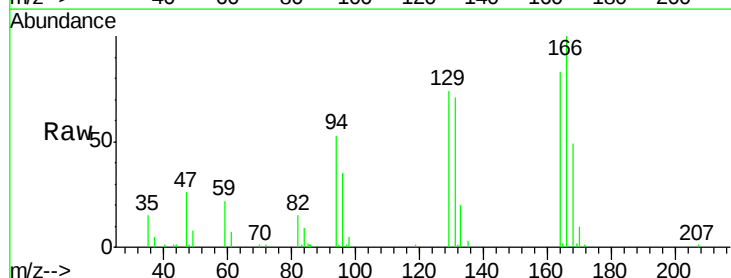
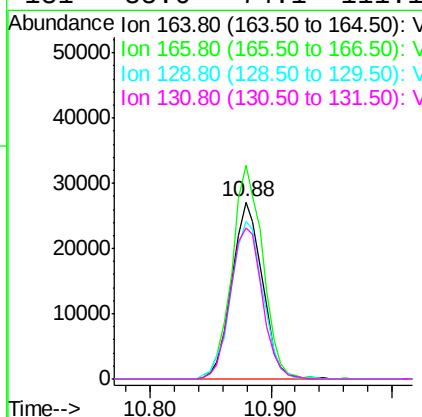
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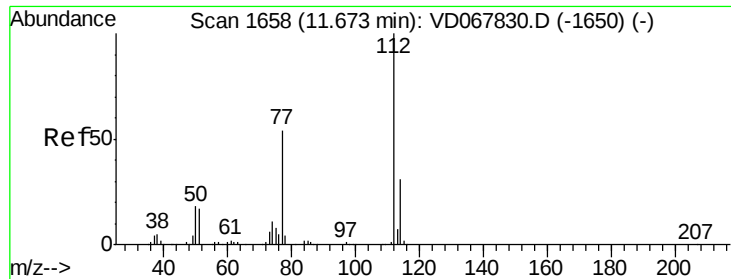
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 20.816 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 48015 |       |       |
| 166     | 120.8 |       | 103.8 | 155.6 |
| 129     | 88.9  |       | 73.3  | 109.9 |
| 131     | 85.6  |       | 74.1  | 111.1 |





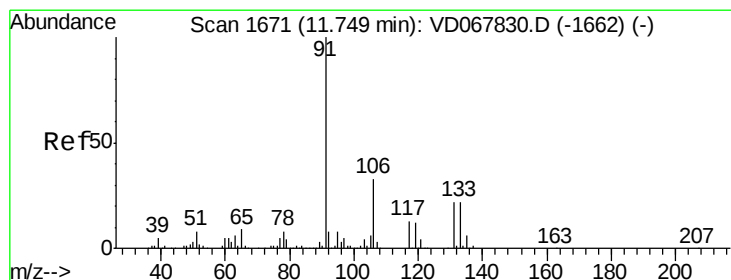
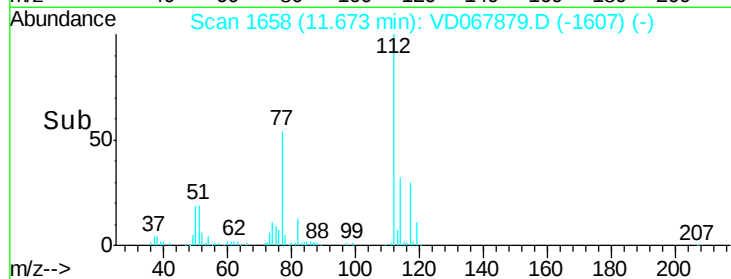
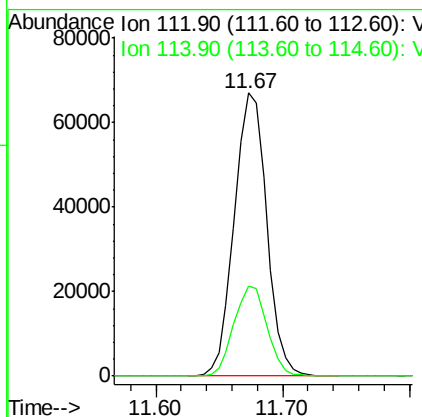
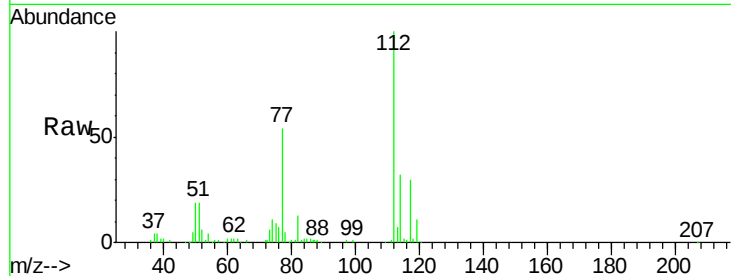
#65  
Chlorobenzene  
Concen: 20.400 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 119032 |       |       |
| 114     | 31.6  | 25.0   | 37.4  |       |

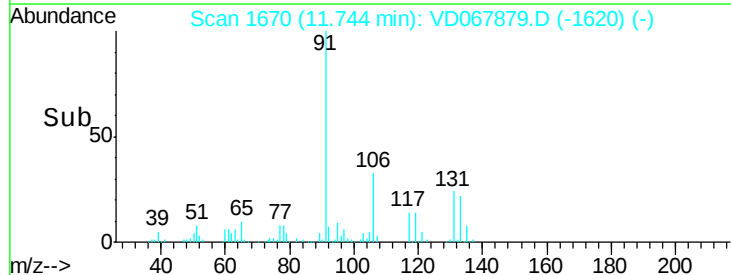
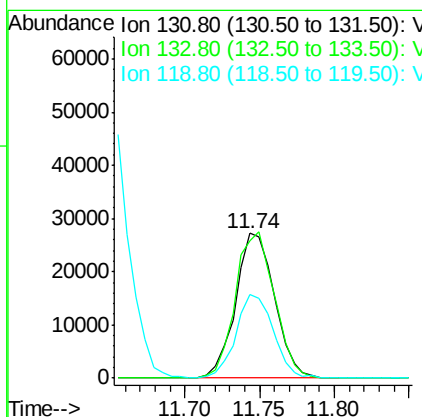
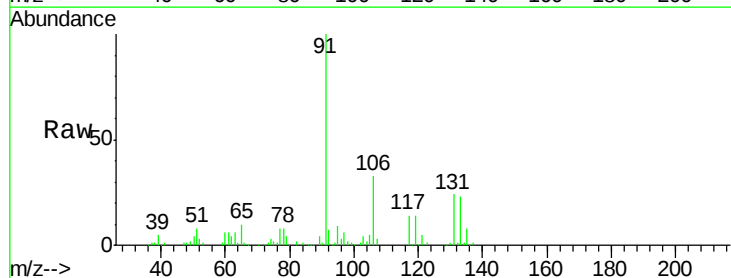
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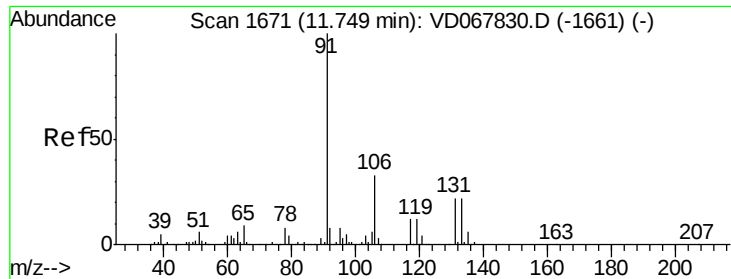
MMDadoda  
12/7/2020 11:30:53 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.737 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. -0.01 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 131     | 100   | 49352 |       |       |
| 133     | 101.0 | 49.9  | 149.7 |       |
| 119     | 55.3  | 29.6  | 88.9  |       |





#67

Ethyl Benzene

Concen: 20.900 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

ClientSampleId :

VD1204SBS01

Tot Ion: 91 Resp: 207745

Ion Ratio Lower Upper

91 100

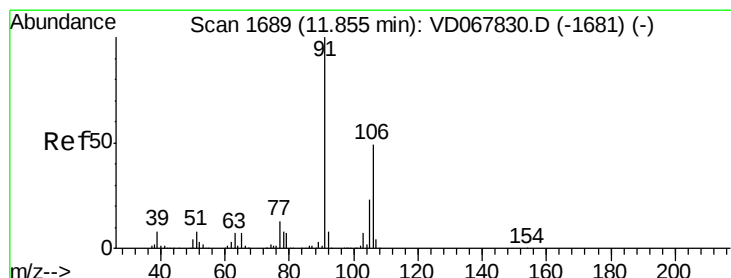
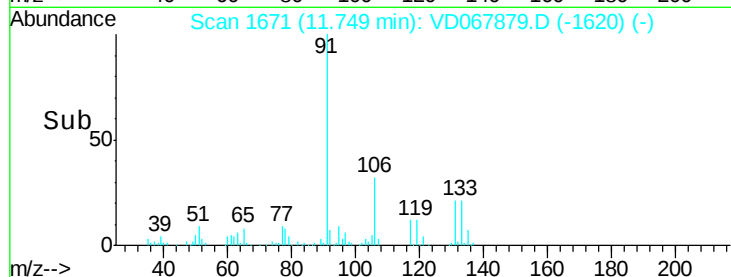
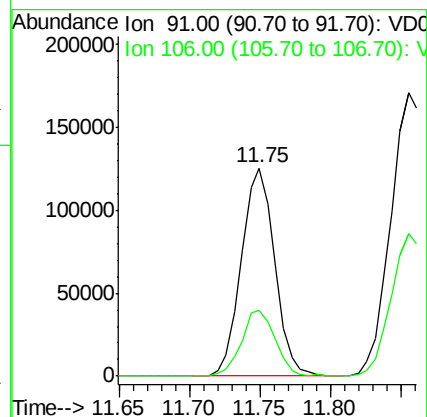
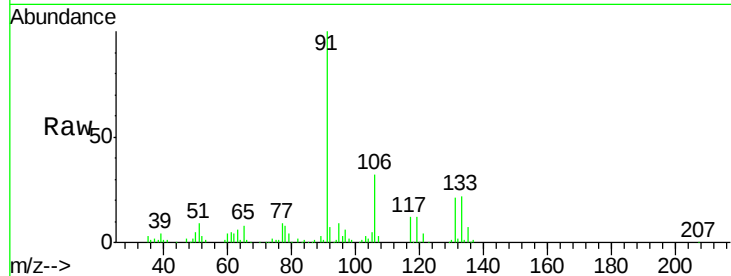
106 31.6 26.2 39.2

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12/7/2020 11:30:53 AM



#68

m/p-Xylenes

Concen: 41.778 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067879.D

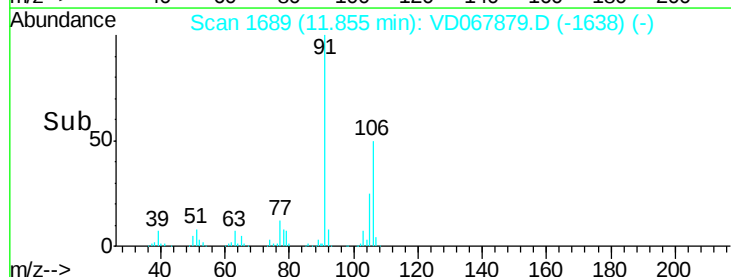
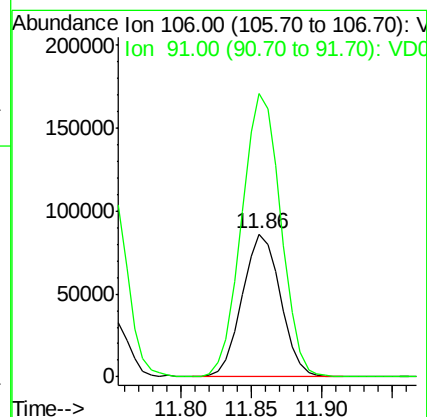
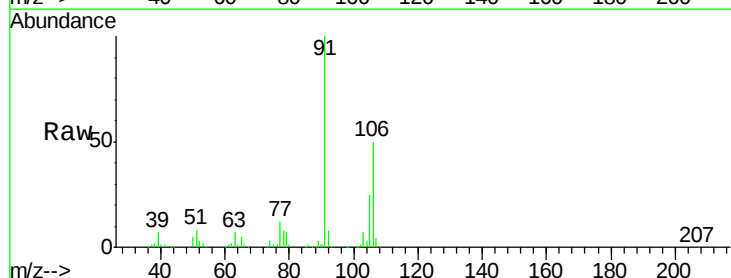
Acq: 04 Dec 2020 12:03

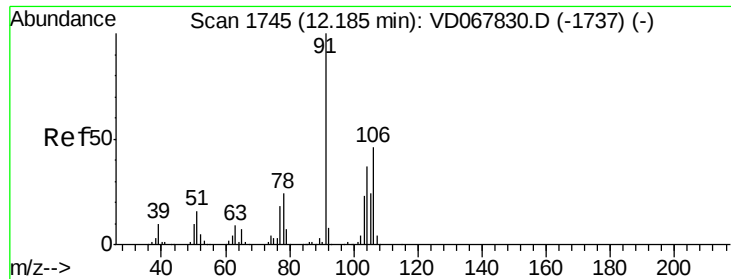
Tgt Ion: 106 Resp: 163743

Ion Ratio Lower Upper

106 100

91 202.5 162.8 244.2





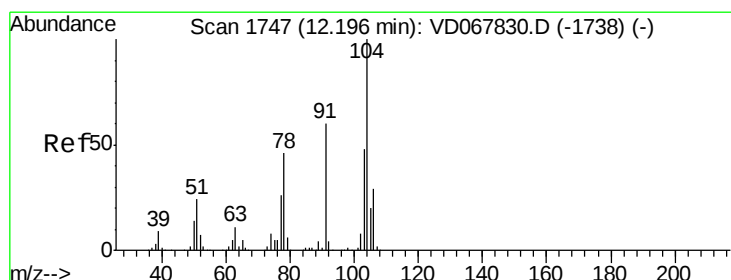
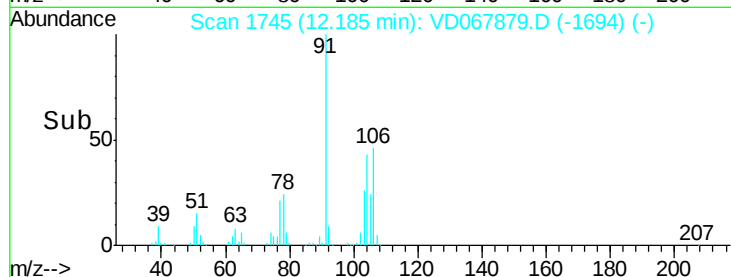
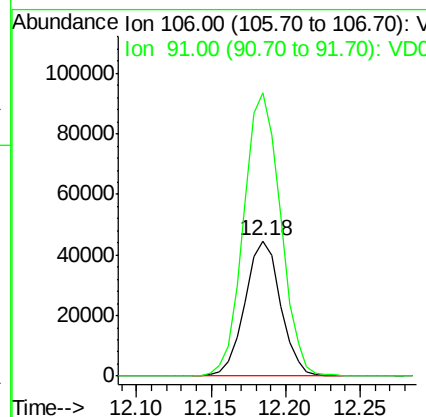
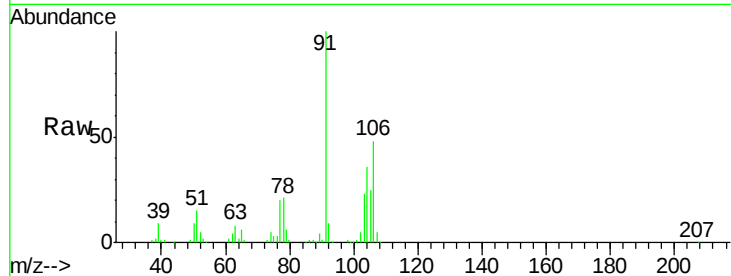
#69  
o-Xylene  
Concen: 21.207 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBSD01

Tot Ion:106 Resp: 73790  
Ion Ratio Lower Upper  
106 100  
91 217.4 107.5 322.5

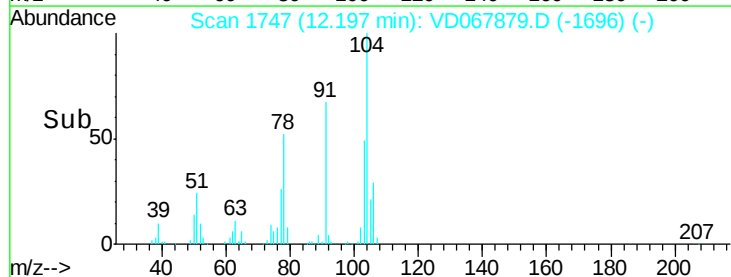
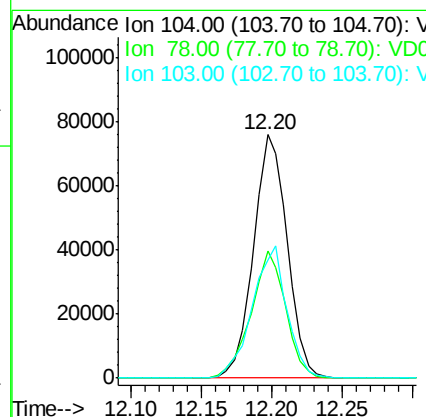
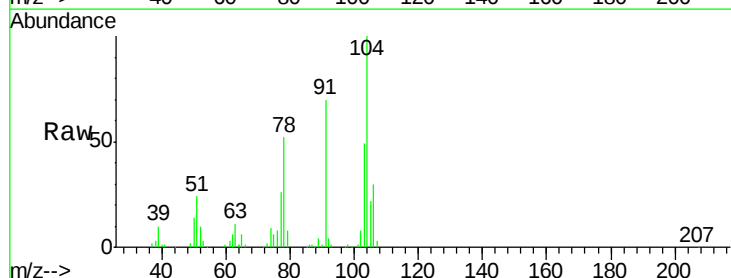
Manual Integrations  
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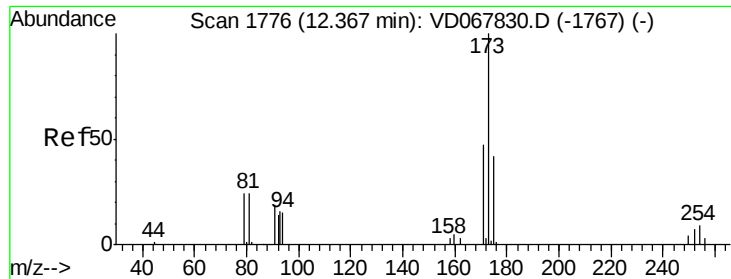
MMDadoda  
12/7/2020 11:30:53 AM



#70  
Styrene  
Concen: 21.056 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Tgt Ion:104 Resp: 127395  
Ion Ratio Lower Upper  
104 100  
78 53.4 41.6 62.4  
103 55.9 43.2 64.8





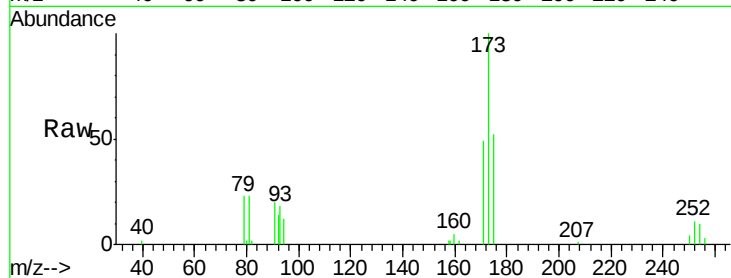
#71  
Bromoform  
Concen: 20.124 ug/l  
RT: 12.36 min Scan# 1775  
Delta R.T. -0.01 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 51.9  | 23.4  | 70.3  |
| 254     | 1.5   | 0.1   | 0.1   |

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12/7/2020 11:30:53 AM

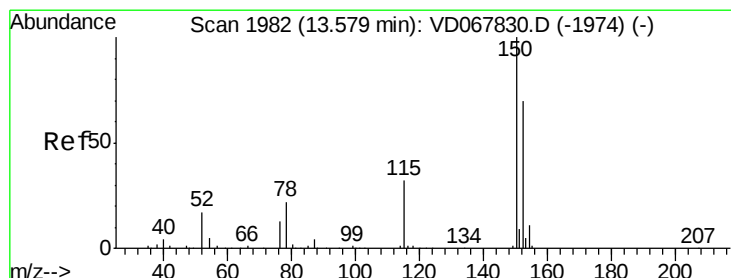
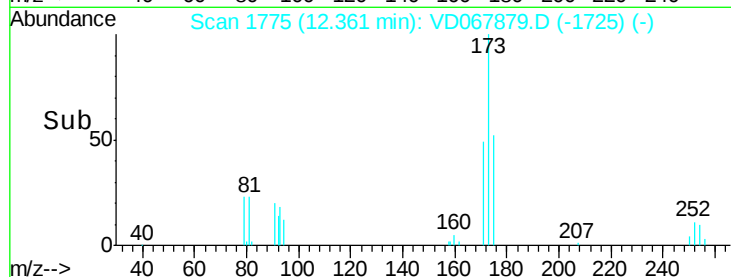
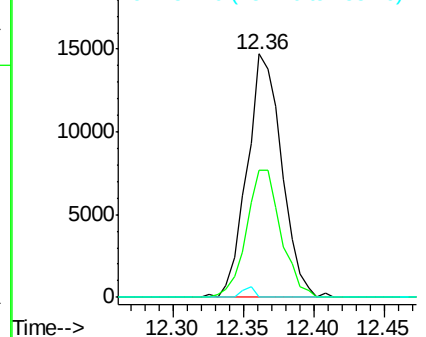


Abundance

Ion 172.70 (172.40 to 173.40): V

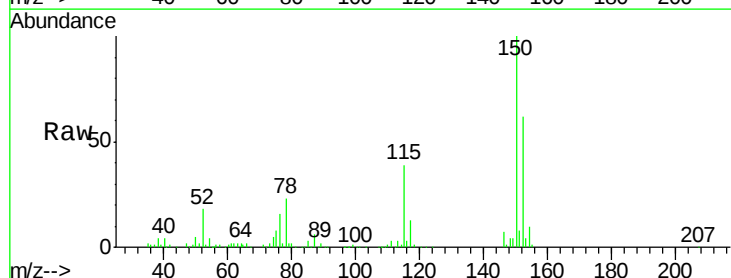
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1982  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 62.0  | 29.1  | 87.4  |
| 150     | 167.9 | 0.0   | 339.0 |

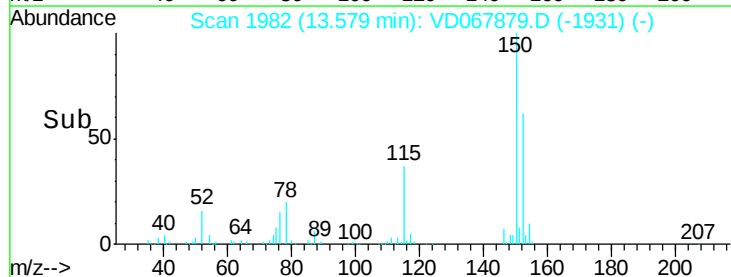
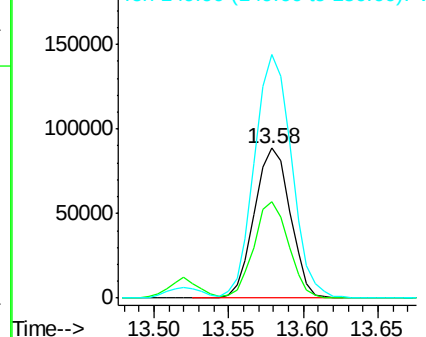


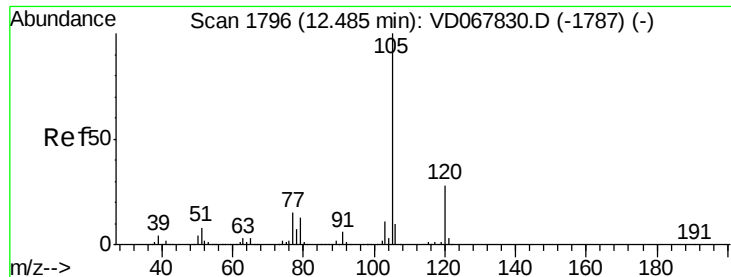
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.841 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

ClientSampleId :

VD1204SBS01

Tot Ion: 105 Resp: 211567

Ion Ratio Lower Upper

105 100

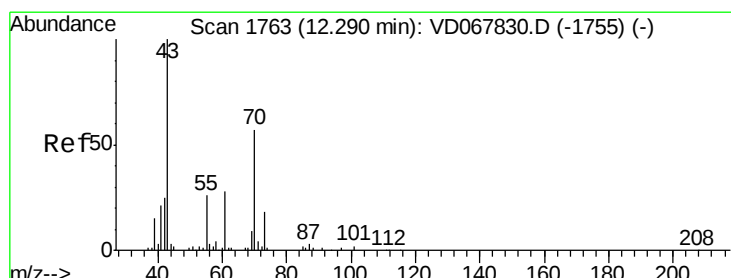
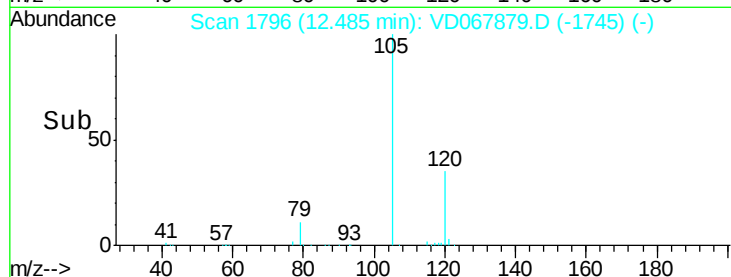
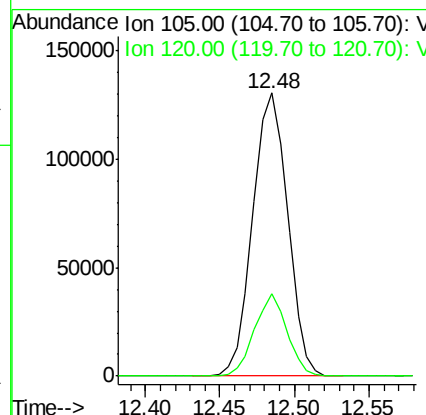
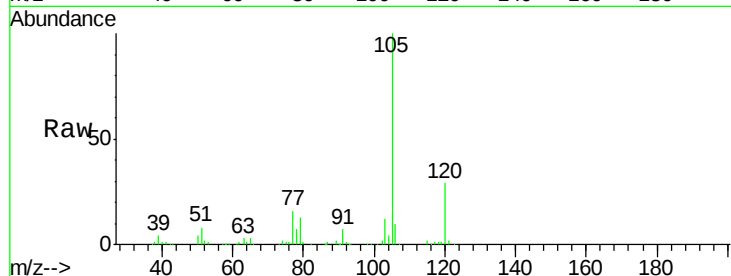
120 27.1 13.9 41.6

Manual Integrations

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MMDadoda

12/7/2020 11:30:53 AM



#74

N-ethyl acetate

Concen: 19.413 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Tgt Ion: 43 Resp: 24377

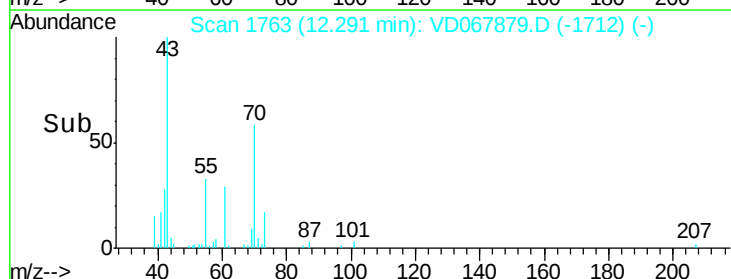
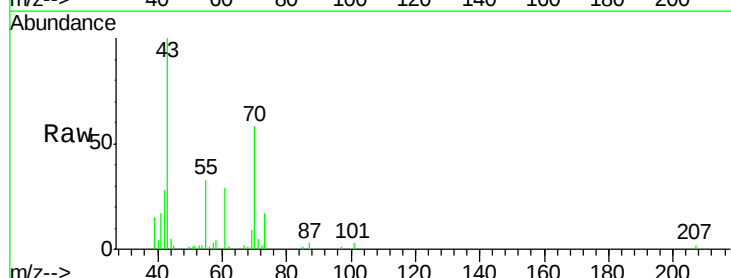
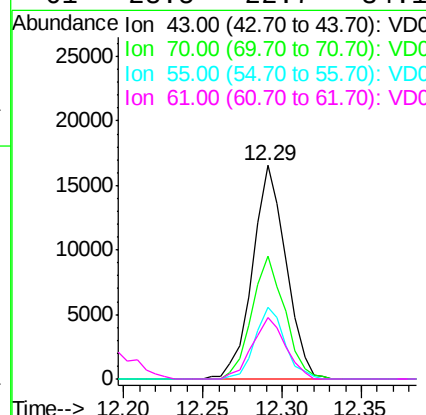
Ion Ratio Lower Upper

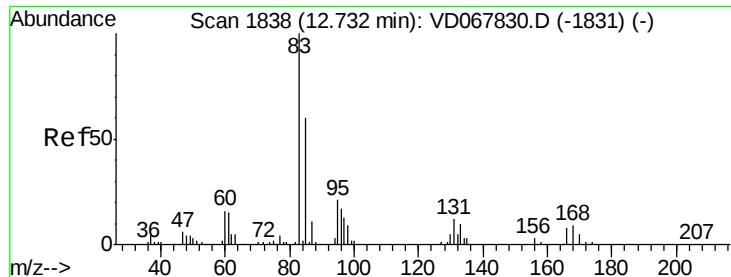
43 100

70 56.4 44.6 66.8

55 30.0 22.2 33.2

61 28.5 22.7 34.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.654 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

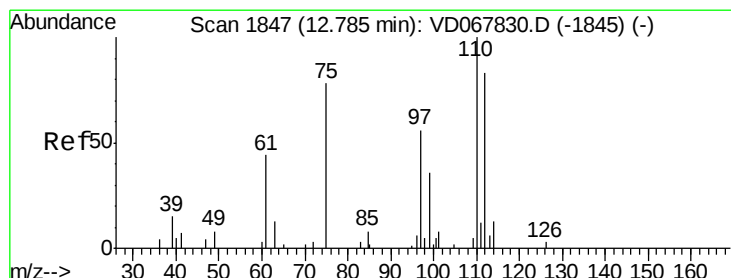
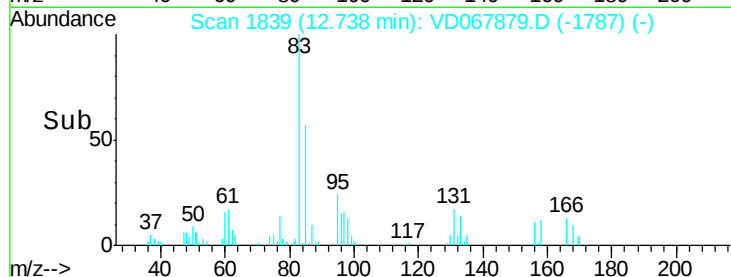
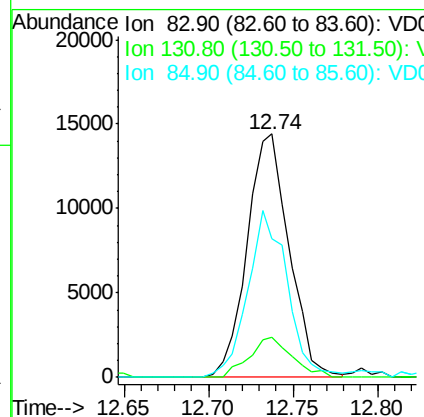
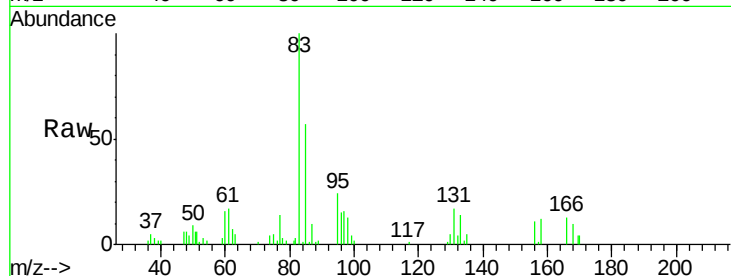
ClientSampleId :

VD1204SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 25001 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 16.7  | 8.0   | 24.0  |
| 85        | 64.2  | 31.7  | 95.1  |

Manual Integrations  
APPROVED

MMDadoda  
12/7/2020 11:30:53 AM



#76

1,2,3-Trichloropropane

Concen: 19.615 ug/l m

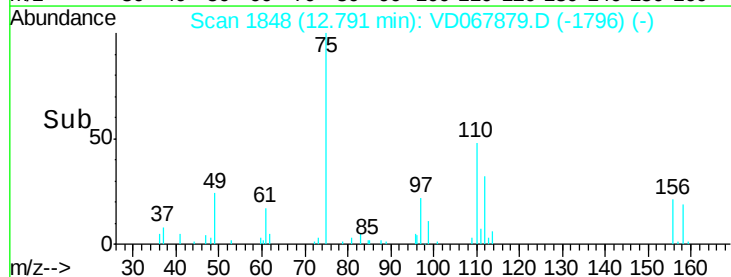
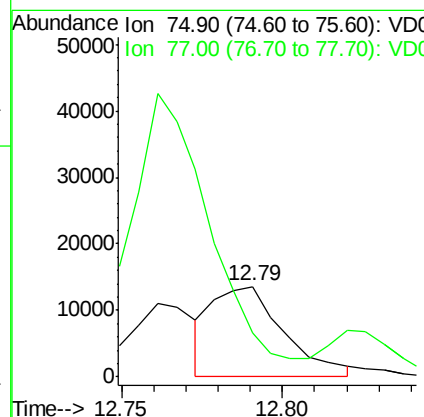
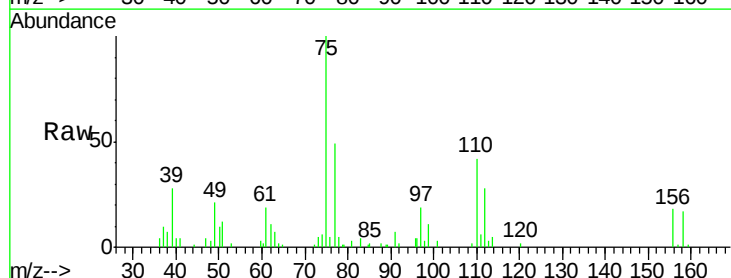
RT: 12.79 min Scan# 1848

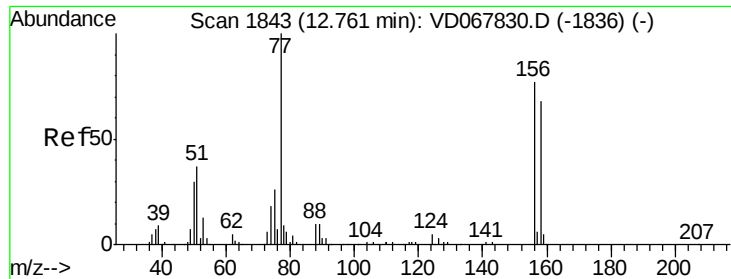
Delta R.T. 0.01 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 21086  |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 175.9 | 527.7# |





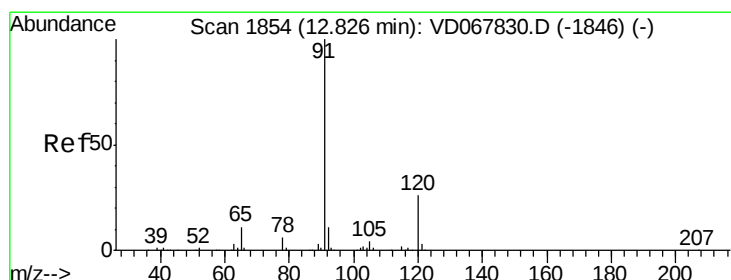
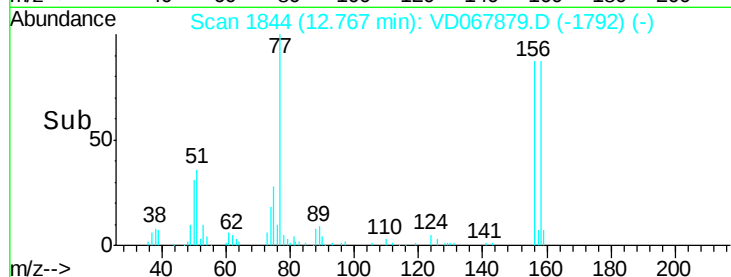
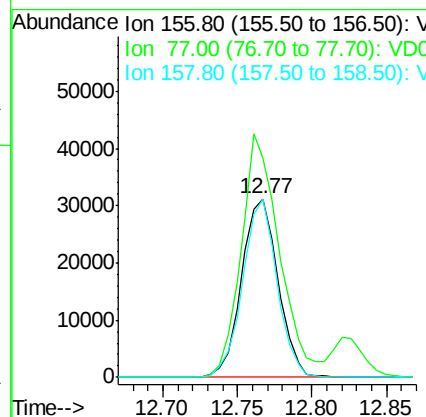
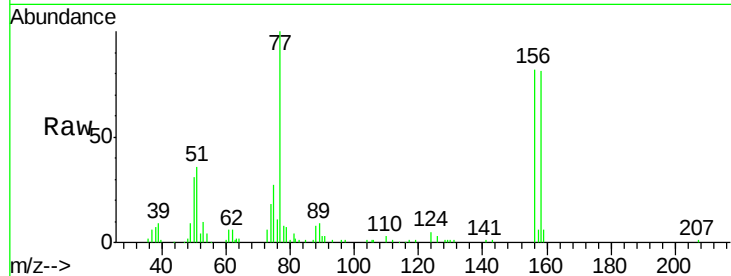
#77  
Bromobenzene  
Concen: 20.904 ug/l  
RT: 12.77 min Scan# 1844  
Delta R.T. 0.01 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 144.3 | 71.5  | 214.5 |
| 158     | 94.1  | 47.1  | 141.4 |

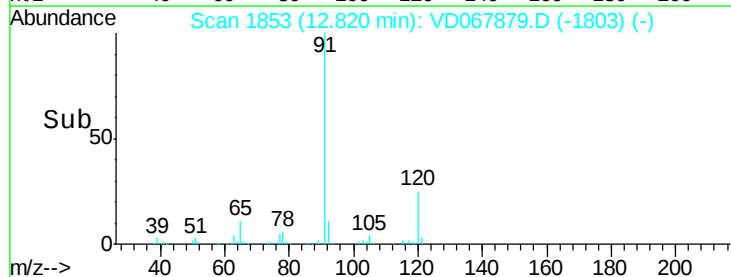
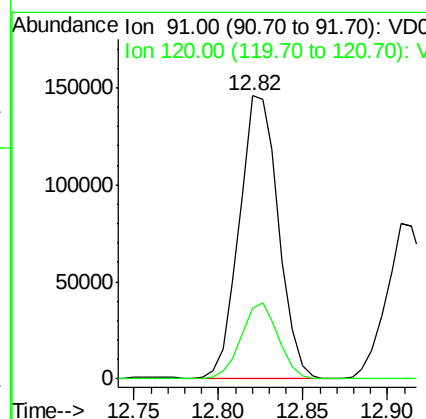
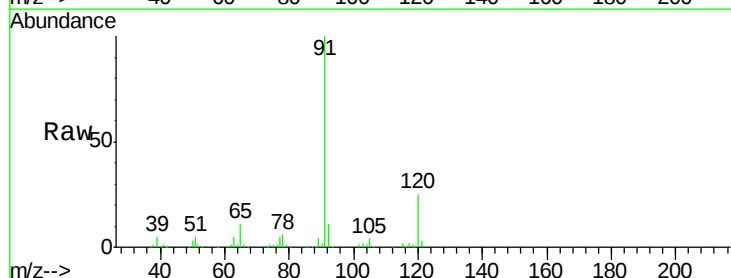
Manual Integrations  
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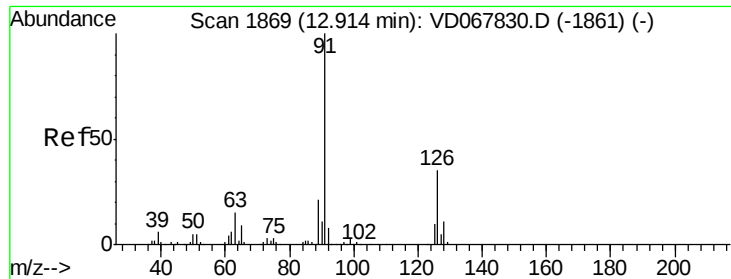
MMDadoda  
12/7/2020 11:30:53 AM



#78  
n-propylbenzene  
Concen: 20.824 ug/l  
RT: 12.82 min Scan# 1853  
Delta R.T. -0.01 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 25.5  | 12.7  | 38.0  |





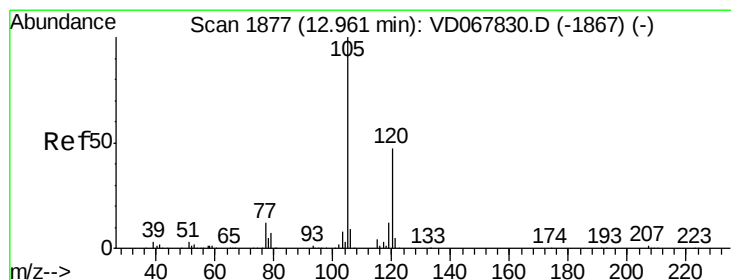
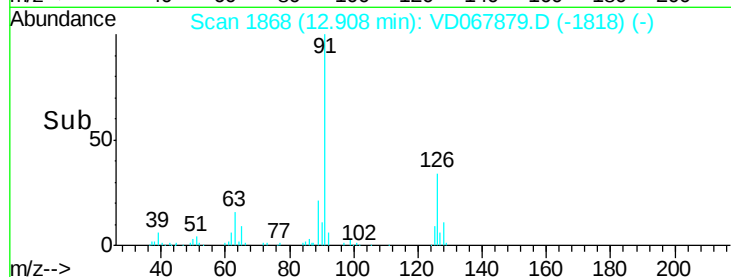
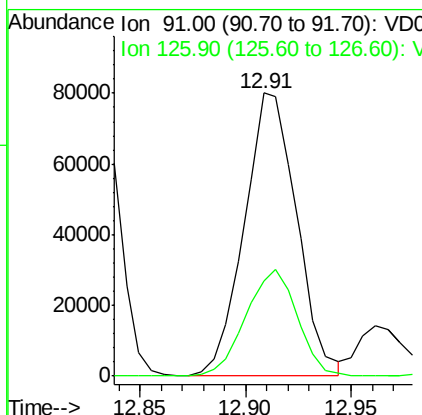
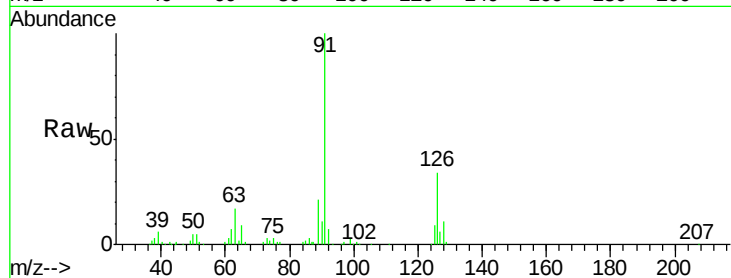
#79  
2-Chlorotoluene  
Concen: 20.825 ug/l  
RT: 12.91 min Scan# 1868  
Delta R.T. -0.01 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBSD01

Tot Ion: 91 Resp: 137844  
Ion Ratio Lower Upper  
91 100  
126 36.9 17.9 53.7

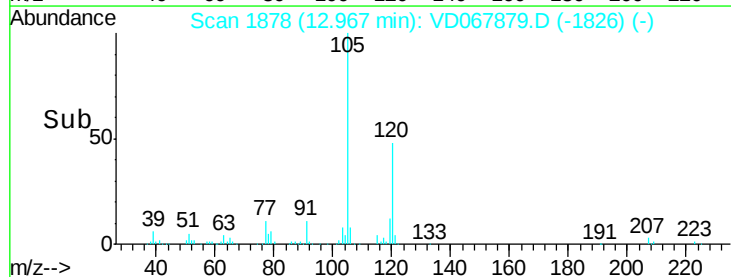
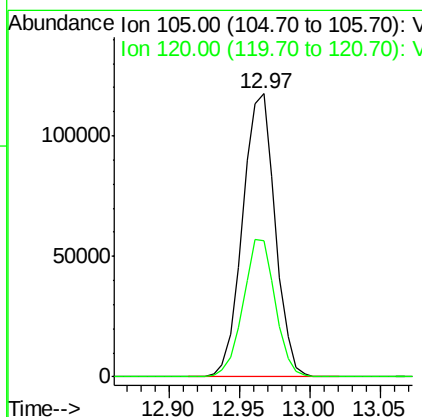
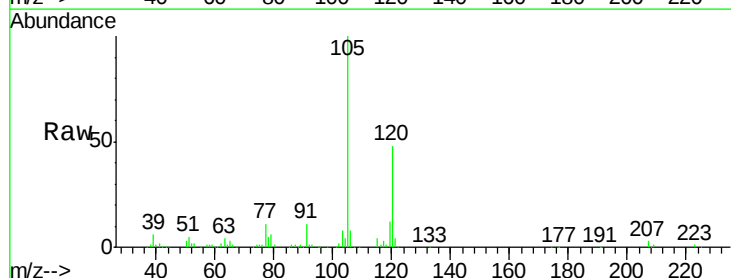
Manual Integrations  
APPROVED

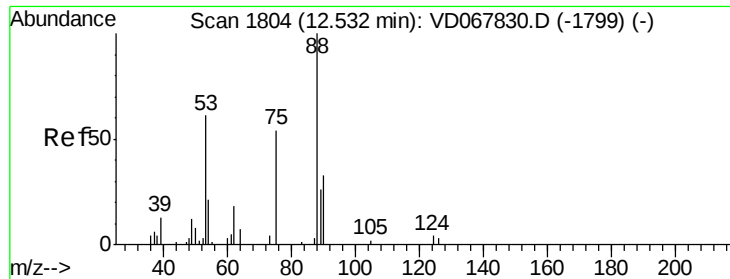
MMDadoda  
12/7/2020 11:30:53 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 21.589 ug/l  
RT: 12.97 min Scan# 1878  
Delta R.T. 0.01 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Tgt Ion:105 Resp: 189754  
Ion Ratio Lower Upper  
105 100  
120 48.2 24.3 72.9





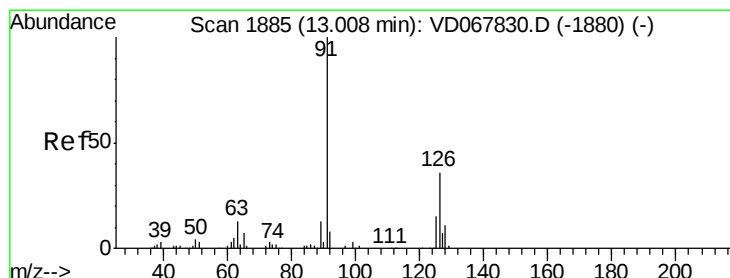
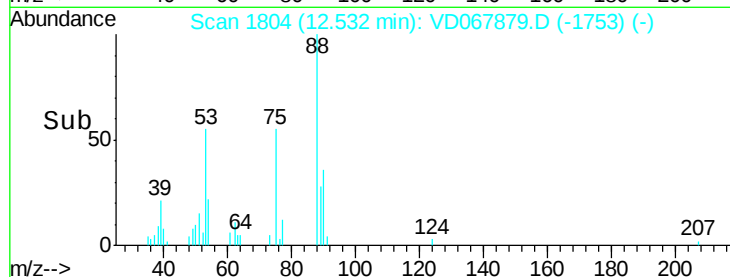
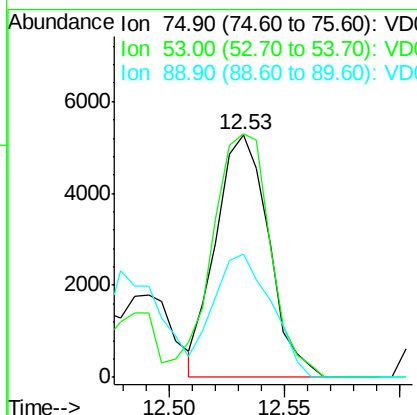
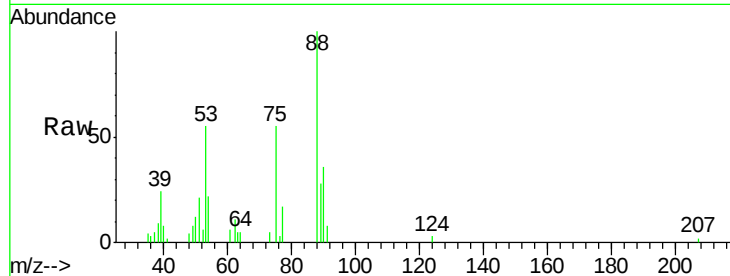
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.699 ug/l  
RT: 12.53 min Scan# 1804  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 108.8 | 84.6  | 127.0 |
| 89      | 55.7  | 41.0  | 61.6  |

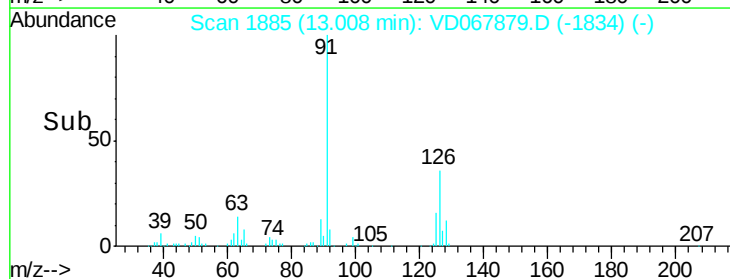
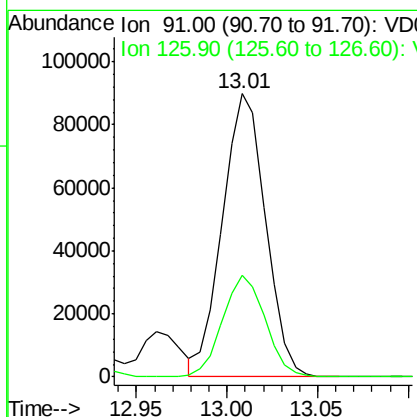
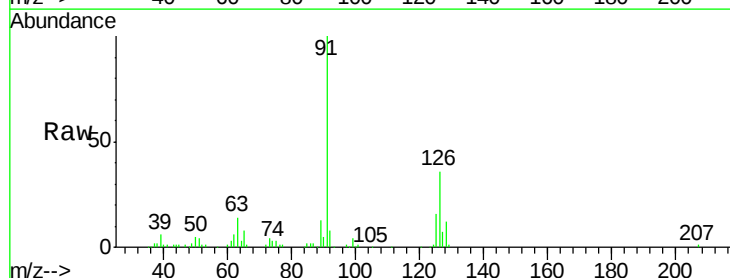
Manual Integrations  
APPROVED

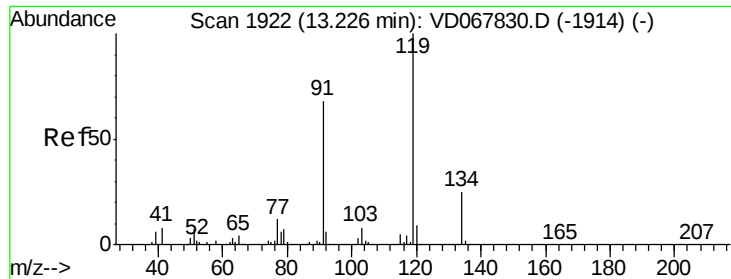
MMDadoda  
12/7/2020 11:30:53 AM



#82  
4-Chlorotoluene  
Concen: 20.997 ug/l  
RT: 13.01 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.5  | 18.1  | 54.4  |





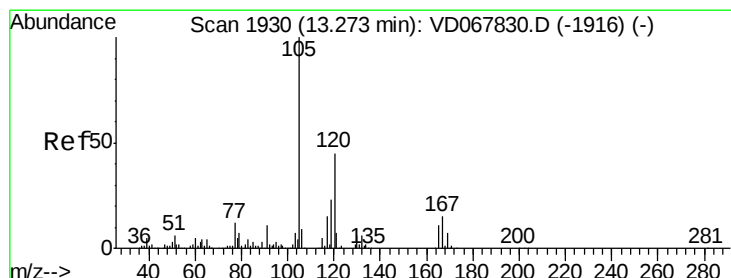
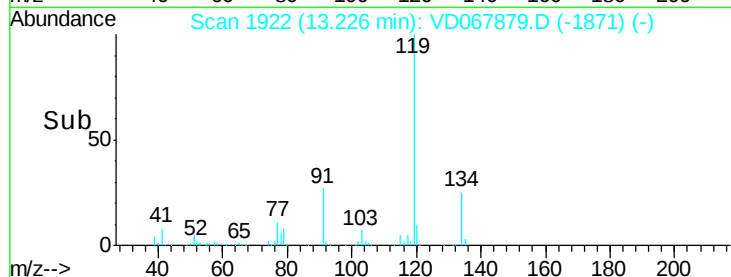
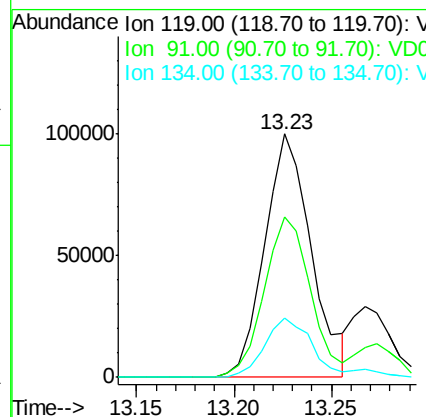
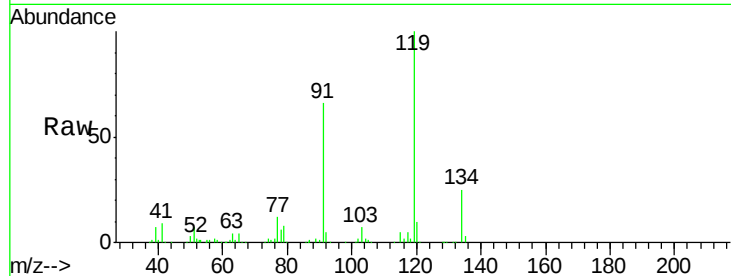
#83  
tert-Butylbenzene  
Concen: 22.039 ug/l  
RT: 13.23 min Scan# 1922  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 65.4  | 33.1  | 99.3  |
| 134     | 26.6  | 13.6  | 40.8  |

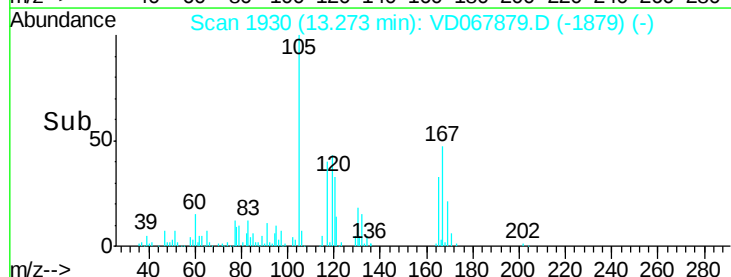
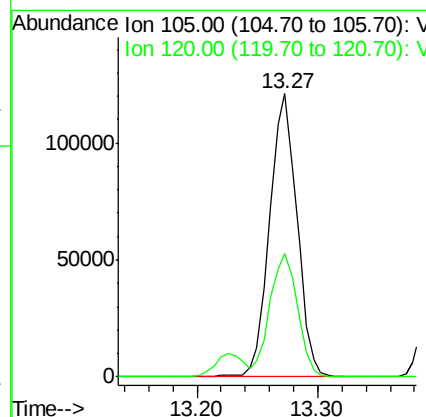
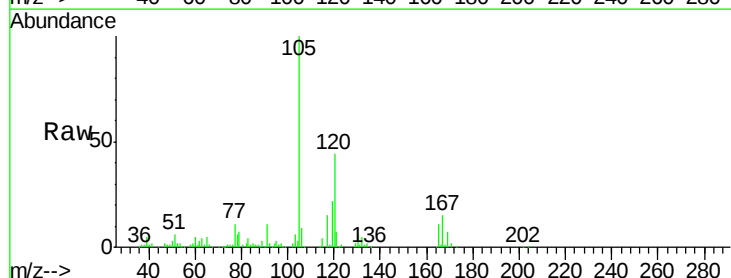
Manual Integrations  
APPROVED

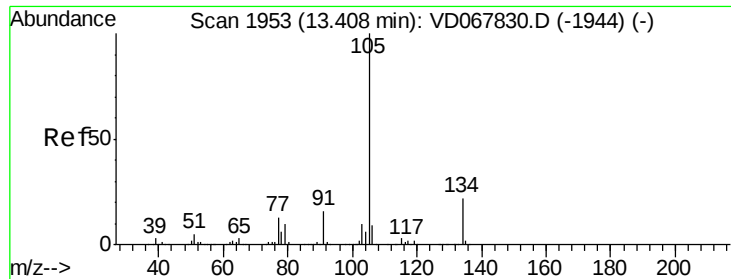
MMDadoda  
12/7/2020 11:30:53 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 21.715 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.2  | 22.1  | 66.5  |





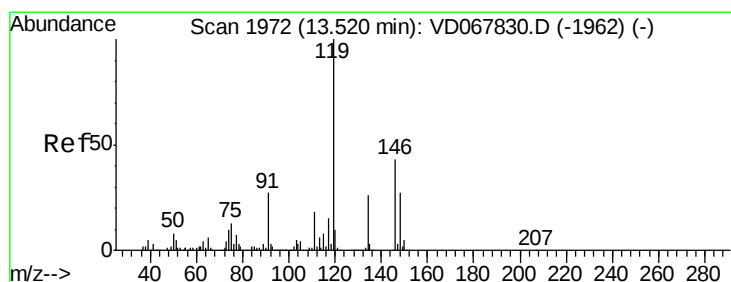
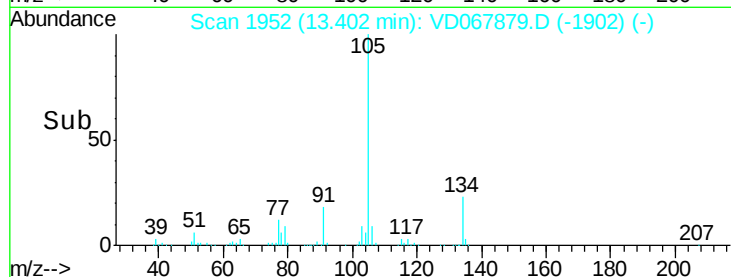
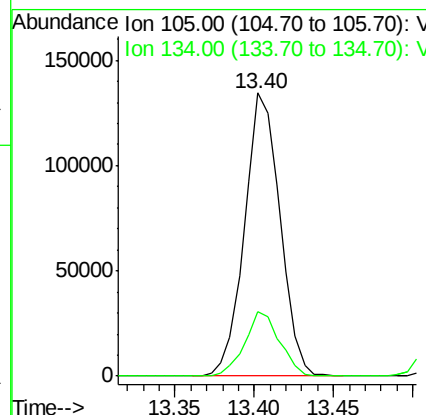
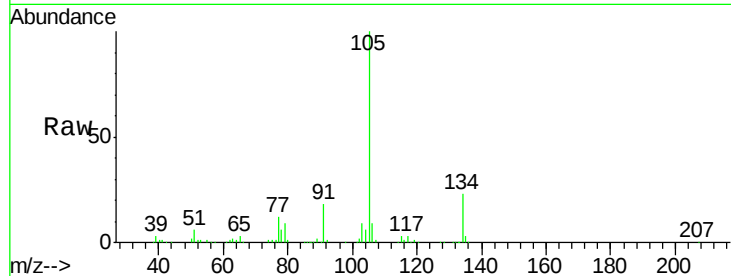
#85  
 sec-Butylbenzene  
 Concen: 20.922 ug/l  
 RT: 13.40 min Scan# 1952  
 Delta R.T. -0.01 min  
 Lab File: VD067879.D  
 Acq: 04 Dec 2020 12:03

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1204SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 208857 |       |       |
| 134     | 22.5  | 10.9   | 32.9  |       |

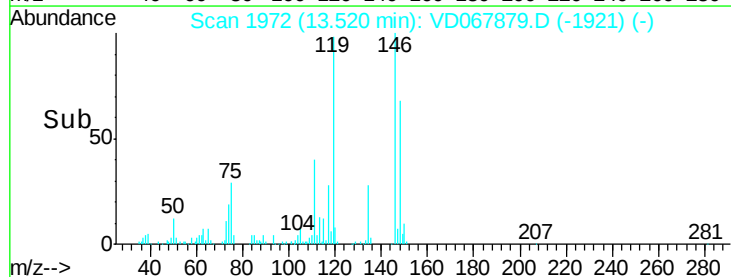
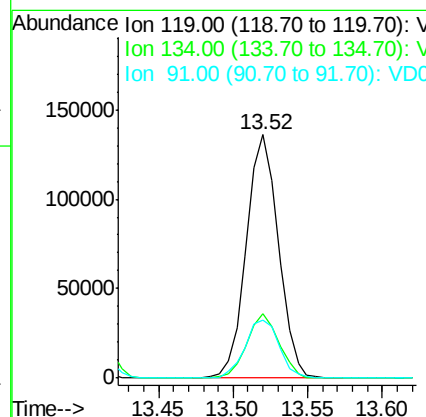
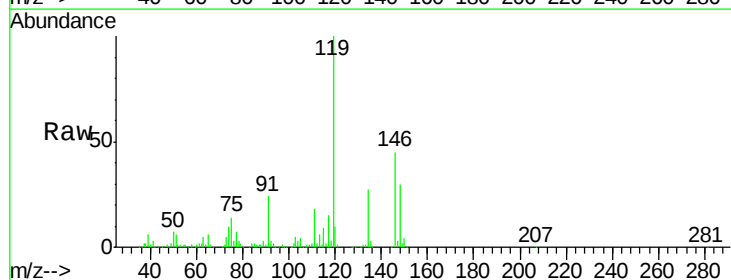
Manual Integrations  
 APPROVED

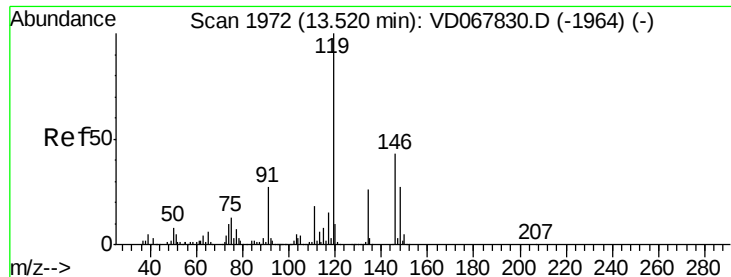
MMDadoda  
 12/7/2020 11:30:53 AM



#86  
 p-Isopropyltoluene  
 Concen: 20.716 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. 0.00 min  
 Lab File: VD067879.D  
 Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 202682 |       |       |
| 134     | 26.4  | 13.1   | 39.3  |       |
| 91      | 25.6  | 12.8   | 38.3  |       |





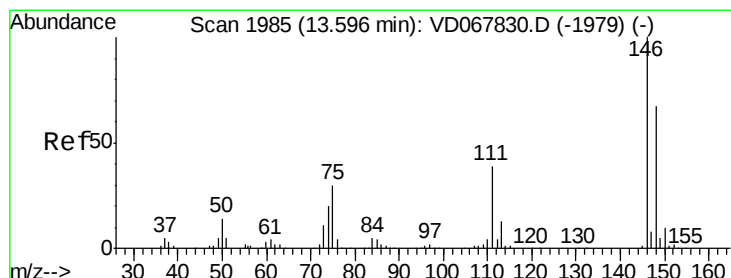
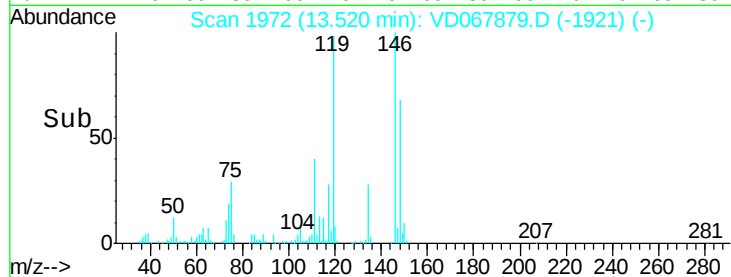
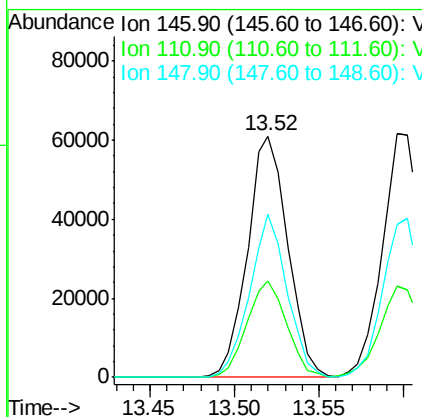
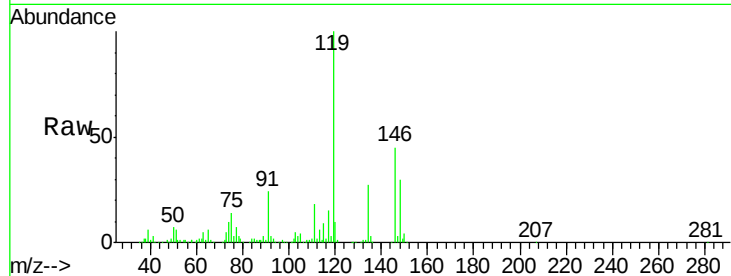
#87  
 1,3-Dichlorobenzene  
 Concen: 20.797 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. 0.00 min  
 Lab File: VD067879.D  
 Acq: 04 Dec 2020 12:03

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1204SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 20.8  | 62.2  |
| 148     | 63.0  | 32.9  | 98.6  |

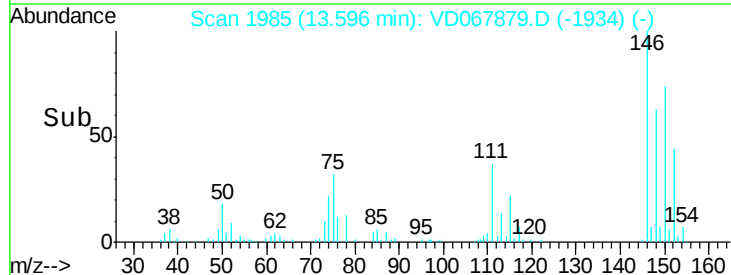
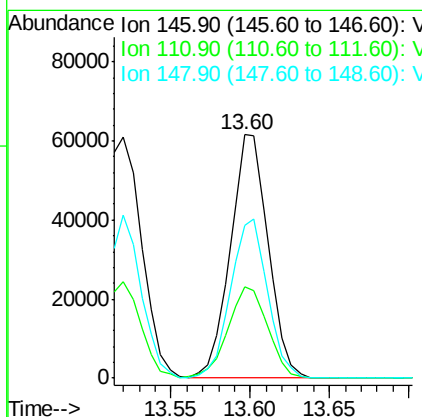
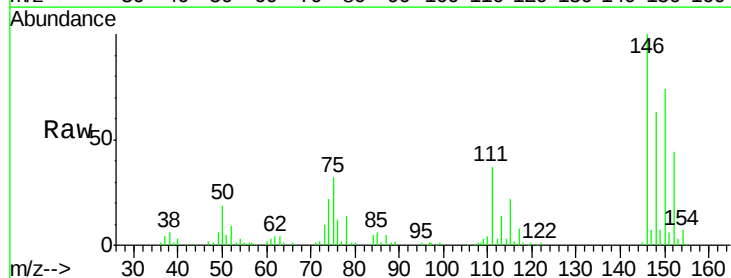
Manual Integrations  
 APPROVED

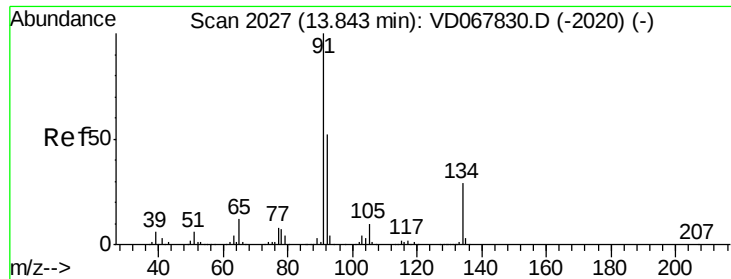
MMDadoda  
 12/7/2020 11:30:53 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 20.921 ug/l  
 RT: 13.60 min Scan# 1985  
 Delta R.T. 0.00 min  
 Lab File: VD067879.D  
 Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.5  | 19.9  | 59.6  |
| 148     | 63.8  | 32.4  | 97.2  |





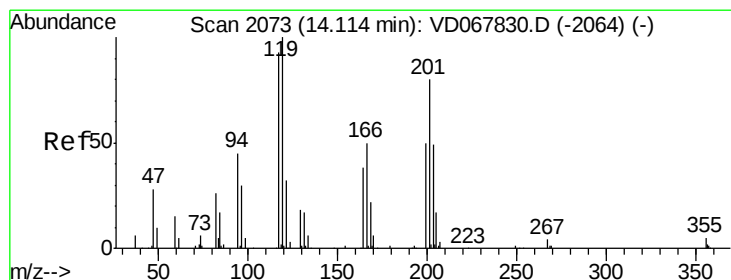
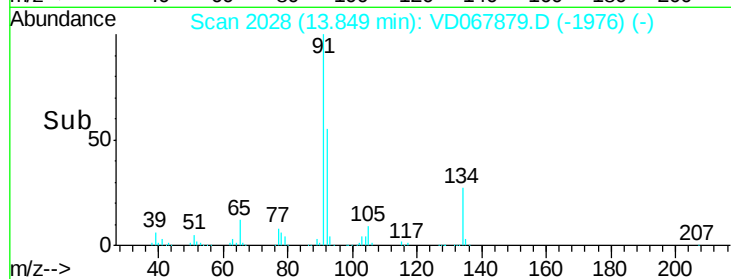
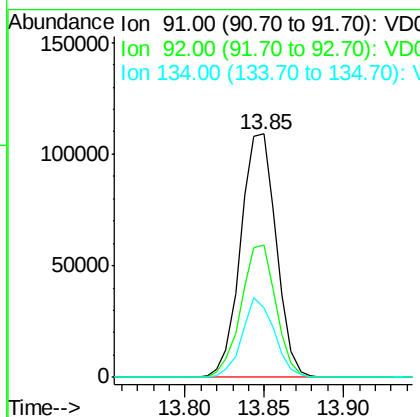
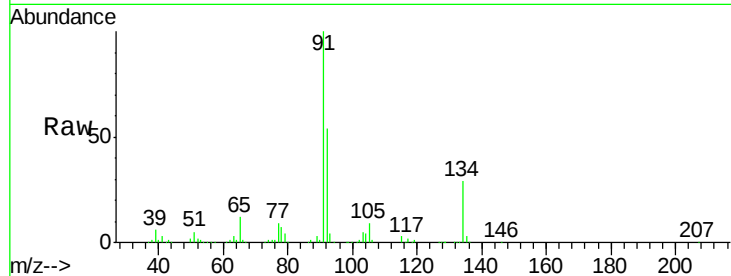
#89  
n-Butylbenzene  
Concen: 20.862 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. 0.01 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1204SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 169568 |       |       |
| 92      | 53.3  | 26.3   | 78.8  |       |
| 134     | 29.7  | 14.8   | 44.3  |       |

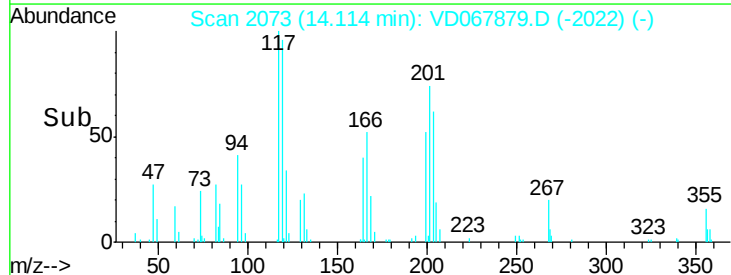
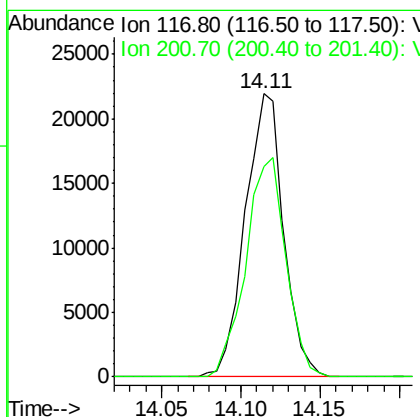
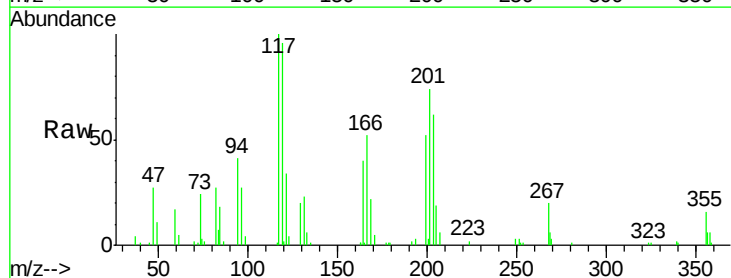
Manual Integrations  
APPROVED

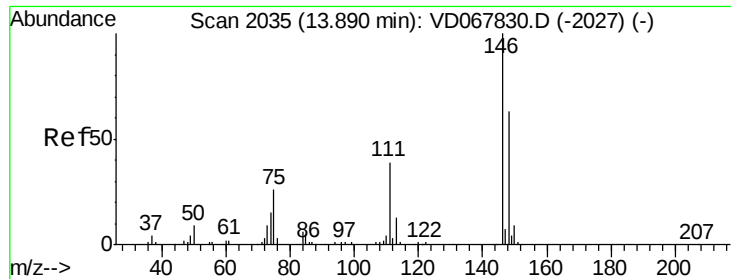
MMDadoda  
12/7/2020 11:30:53 AM



#90  
Hexachloroethane  
Concen: 20.367 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. 0.00 min  
Lab File: VD067879.D  
Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 36788 |       |       |
| 201     | 81.2  | 43.9  | 131.6 |       |





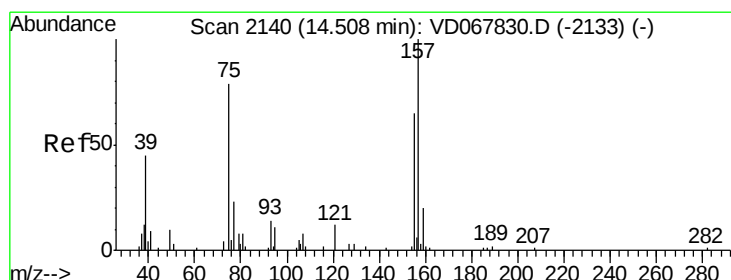
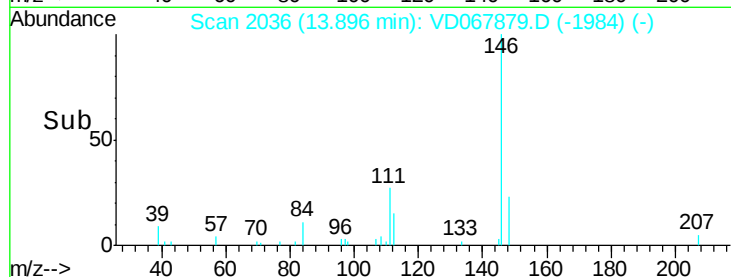
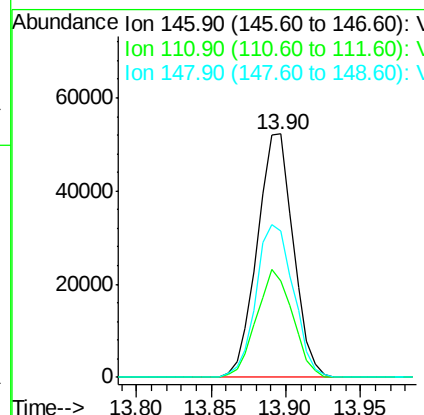
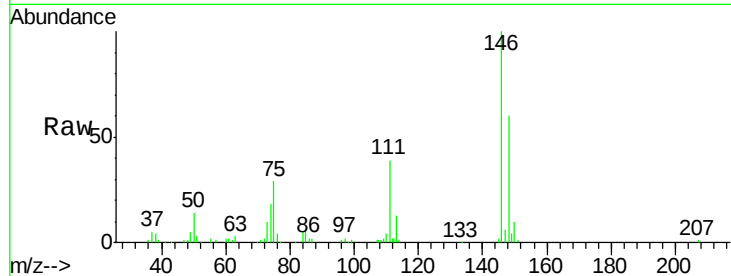
#91  
 1,2-Dichlorobenzene  
 Concen: 20.676 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. 0.01 min  
 Lab File: VD067879.D  
 Acq: 04 Dec 2020 12:03

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1204SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.2  | 20.4  | 61.2  |
| 148     | 65.0  | 32.1  | 96.3  |

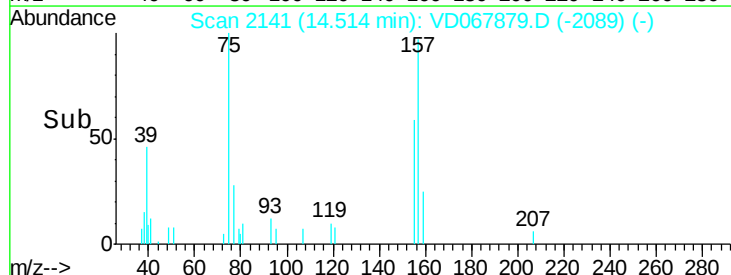
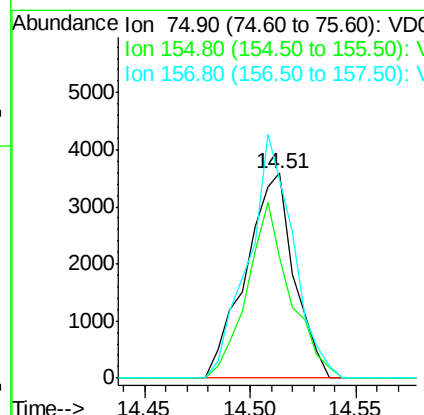
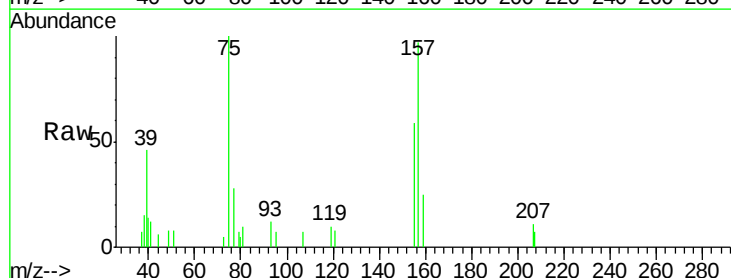
Manual Integrations  
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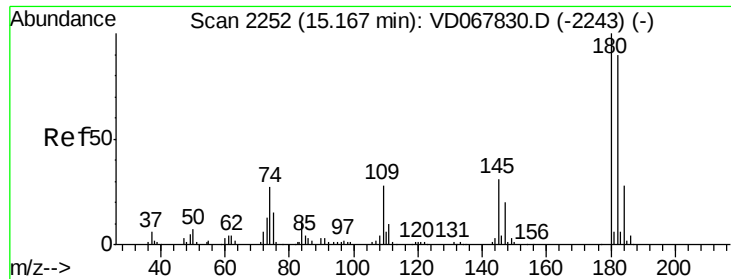
MMDadoda  
 12/7/2020 11:30:53 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.403 ug/l  
 RT: 14.51 min Scan# 2141  
 Delta R.T. 0.01 min  
 Lab File: VD067879.D  
 Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 75.9  | 44.1  | 132.4 |
| 157     | 109.7 | 62.4  | 187.2 |





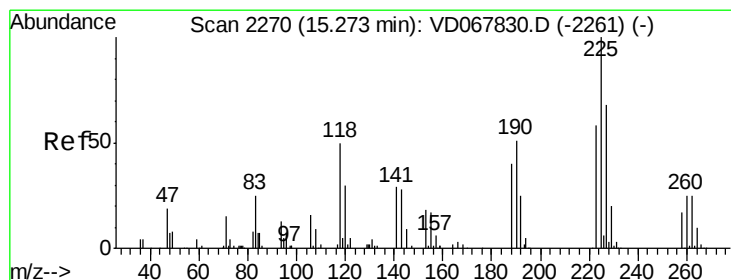
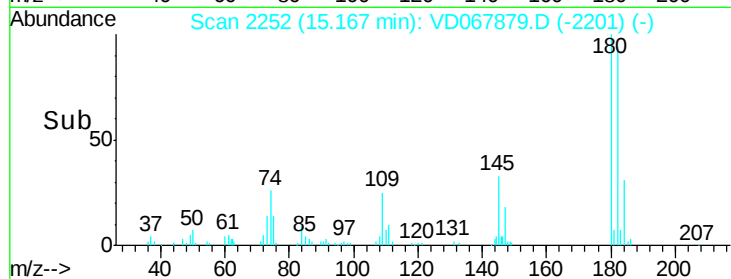
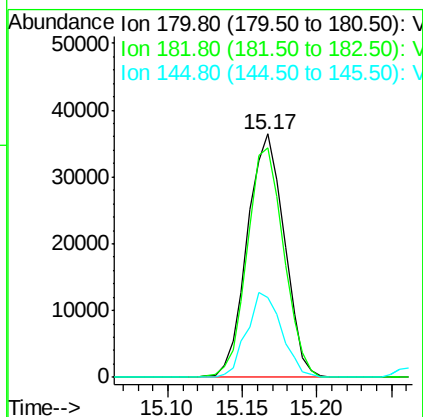
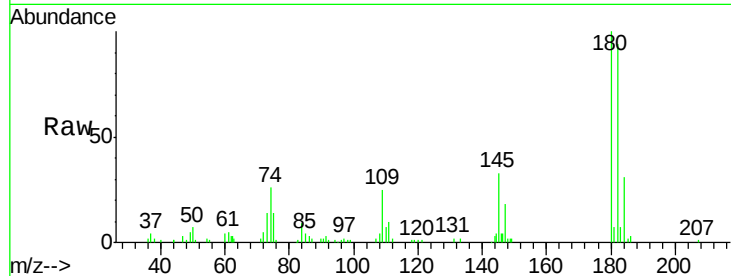
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.162 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. 0.00 min  
 Lab File: VD067879.D  
 Acq: 04 Dec 2020 12:03

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1204SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.2  | 47.5  | 142.6 |
| 145     | 32.9  | 16.4  | 49.4  |

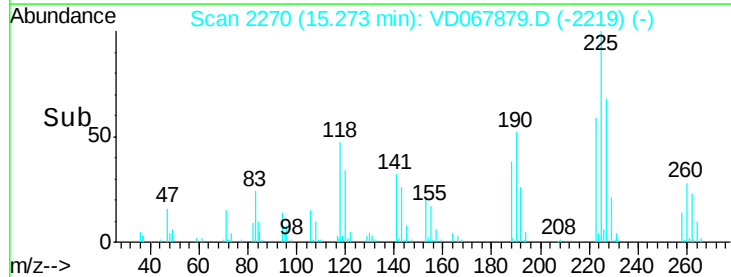
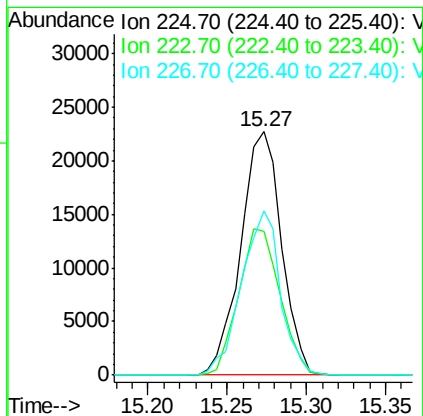
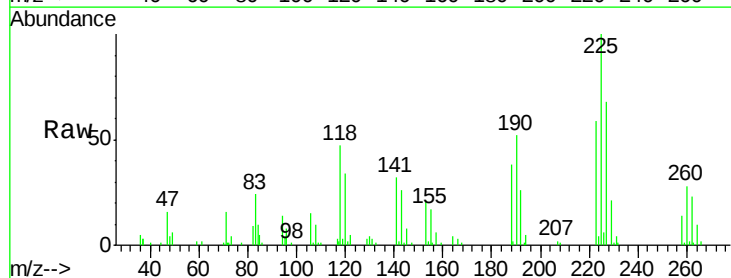
Manual Integrations  
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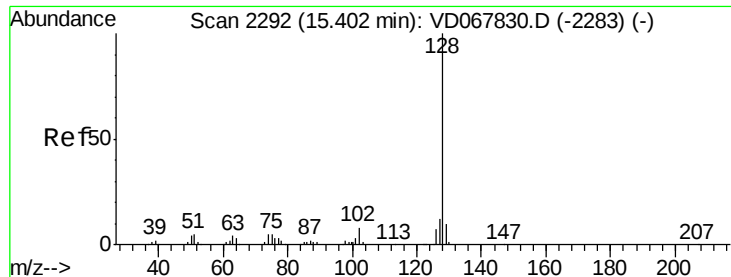
MMDadoda  
 12/7/2020 11:30:53 AM



#94  
 Hexachlorobutadiene  
 Concen: 21.067 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. 0.00 min  
 Lab File: VD067879.D  
 Acq: 04 Dec 2020 12:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.0  | 31.1  | 93.3  |
| 227     | 64.7  | 33.1  | 99.3  |





#95

Naphthalene

Concen: 20.257 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

Instrument :

MSVOA\_D

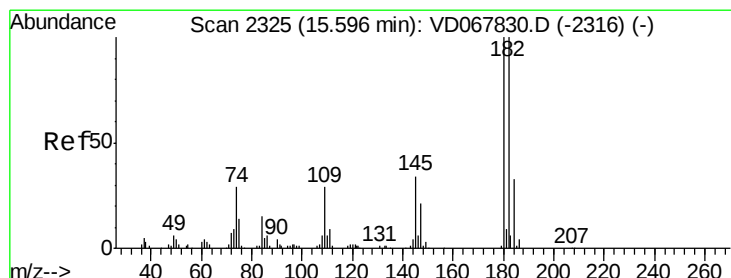
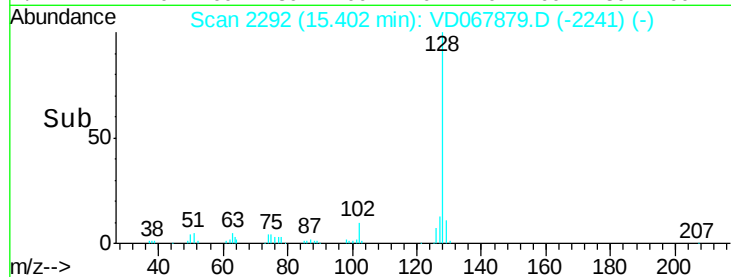
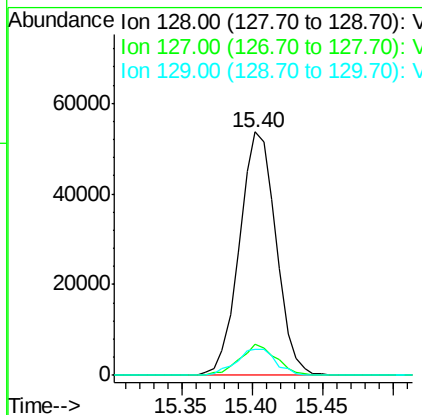
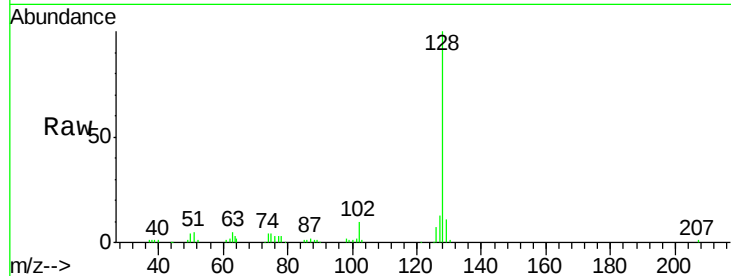
ClientSampleId :

VD1204SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 128   | Resp: | 97354 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.8  | 10.6  | 15.8  |
| 129      | 11.7  | 9.0   | 13.6  |

Manual Integrations  
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12/7/2020 11:30:53 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.246 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.01 min

Lab File: VD067879.D

Acq: 04 Dec 2020 12:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 51639 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 99.9  | 47.3  | 142.0 |
| 145      | 33.7  | 16.8  | 50.4  |

