

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\  
 Data File : VD066040.D  
 Acq On : 24 Jul 2020 12:00  
 Operator : VA/SY  
 Sample : VD0724SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0724SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 7/27/2020 12:03:46 PM

Quant Time: Jul 25 00:07:11 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072120S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 21 12:34:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 298325   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.86  | 114  | 429886   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 405889   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 216727   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 126219   | 52.00 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.00% |      |
| 35) Dibromofluoromethane  | 7.91   | 113 | 129724   | 49.75 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.50%  |      |
| 50) Toluene-d8            | 10.34  | 98  | 508042   | 52.30 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.60% |      |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 178640   | 53.04 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.08% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 55618  | 24.566  | ug/l   | 94     |
| 3) Chloromethane              | 2.21 | 50  | 42131  | 22.803  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.35 | 62  | 41218  | 23.427  | ug/l   | 98     |
| 5) Bromomethane               | 2.76 | 94  | 27999  | 19.575  | ug/l   | 89     |
| 6) Chloroethane               | 2.92 | 64  | 24291  | 23.128  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 102698 | 23.997  | ug/l   | 95     |
| 8) Diethyl Ether              | 3.70 | 74  | 25637  | 21.673  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 59040  | 22.848  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.30 | 142 | 58723  | 27.344  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.20 | 59  | 22589  | 135.487 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 52948  | 21.466  | ug/l   | 88     |
| 13) Acrolein                  | 3.91 | 56  | 15955  | 78.013  | ug/l   | 95     |
| 14) Allyl chloride            | 4.71 | 41  | 82702  | 21.449  | ug/l   | 95     |
| 15) Acrylonitrile             | 5.42 | 53  | 53605  | 106.072 | ug/l   | 99     |
| 16) Acetone                   | 4.16 | 43  | 50464  | 102.705 | ug/l # | 87     |
| 17) Carbon Disulfide          | 4.41 | 76  | 170915 | 21.362  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.71 | 43  | 23819  | 20.839  | ug/l   | 96     |
| 19) Methyl tert-butyl Ether   | 5.47 | 73  | 117002 | 23.087  | ug/l   | 98     |
| 20) Methylene Chloride        | 4.96 | 84  | 74775  | 26.106  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 61025  | 21.891  | ug/l   | 95     |
| 22) Diisopropyl ether         | 6.36 | 45  | 167970 | 22.931  | ug/l   | 96     |
| 23) Vinyl Acetate             | 6.30 | 43  | 463228 | 112.130 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.26 | 63  | 100650 | 22.677  | ug/l   | 98     |
| 25) 2-Butanone                | 7.21 | 43  | 67442  | 103.442 | ug/l   | 96     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 95404  | 23.903  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 66263  | 22.450  | ug/l   | 96     |
| 28) Bromochloromethane        | 7.54 | 49  | 39539  | 20.989  | ug/l   | 96     |
| 29) Tetrahydrofuran           | 7.56 | 42  | 42344  | 105.262 | ug/l   | 95     |
| 30) Chloroform                | 7.71 | 83  | 106970 | 23.040  | ug/l   | 98     |
| 31) Cyclohexane               | 7.99 | 56  | 94951  | 21.745  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 102573 | 23.885  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 84825  | 23.120  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.29 | 43  | 32274  | 23.034  | ug/l   | 96     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 96537  | 24.250  | ug/l   | 97     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\  
 Data File : VD066040.D  
 Acq On : 24 Jul 2020 12:00  
 Operator : VA/SY  
 Sample : VD0724SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0724SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 7/27/2020 12:03:46 PM

Quant Time: Jul 25 00:07:11 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072120S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 21 12:34:13 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 102485   | 23.067  | ug/l   | 91       |
| 40) Benzene                    | 8.35  | 78   | 240292   | 23.411  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.52  | 41   | 14076    | 17.537  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 65620    | 23.330  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.45  | 43   | 61004    | 22.292  | ug/l   | 100      |
| 44) Trichloroethene            | 9.11  | 130  | 71252    | 22.939  | ug/l   | 87       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 59126    | 23.784  | ug/l   | 99       |
| 46) Dibromomethane             | 9.48  | 93   | 31517    | 23.551  | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.67  | 83   | 83327    | 23.549  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.46  | 41   | 28971    | 20.987  | ug/l   | 90       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 7200     | 464.387 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 156119   | 113.223 | ug/l   | 99       |
| 52) Toluene                    | 10.41 | 92   | 162090   | 24.215  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 78590    | 23.840  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 93949    | 23.510  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 45309    | 23.872  | ug/l   | 91       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 51742    | 23.448  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 74268    | 23.637  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 123670   | 117.318 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.99 | 43   | 106099   | 111.036 | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.14 | 129  | 63142    | 24.674  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 44670    | 24.410  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.88 | 164  | 64822    | 23.530  | ug/l   | 94       |
| 65) Chlorobenzene              | 11.67 | 112  | 173868   | 23.396  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 65688    | 23.938  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.75 | 91   | 303309   | 23.716  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.86 | 106  | 241851   | 49.200  | ug/l   | 98       |
| 69) o-Xylene                   | 12.18 | 106  | 108220   | 24.205  | ug/l   | 100      |
| 70) Styrene                    | 12.20 | 104  | 189412   | 24.657  | ug/l   | 99       |
| 71) Bromoform                  | 12.37 | 173  | 38512    | 23.960  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.48 | 105  | 301204   | 22.968  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.30 | 43   | 56944    | 20.942  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 47815    | 22.062  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 29733m   | 18.221  | ug/l   |          |
| 77) Bromobenzene               | 12.77 | 156  | 77662    | 23.172  | ug/l   | 96       |
| 78) n-propylbenzene            | 12.83 | 91   | 346132   | 22.745  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 200797   | 23.096  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 253419   | 23.521  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.54 | 75   | 16083    | 22.615  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 211955   | 23.097  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 222993   | 23.652  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 253946   | 23.890  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 303688   | 23.385  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.53 | 119  | 290403   | 24.615  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.53 | 146  | 151948   | 24.419  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 145224   | 23.086  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.85 | 91   | 252442   | 23.012  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.12 | 117  | 56673    | 23.204  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 125190   | 23.218  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 8108     | 22.827  | ug/l   | 95       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\  
Data File : VD066040.D  
Acq On : 24 Jul 2020 12:00  
Operator : VA/SY  
Sample : VD0724SBS01  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

Manual Integrations  
APPROVED

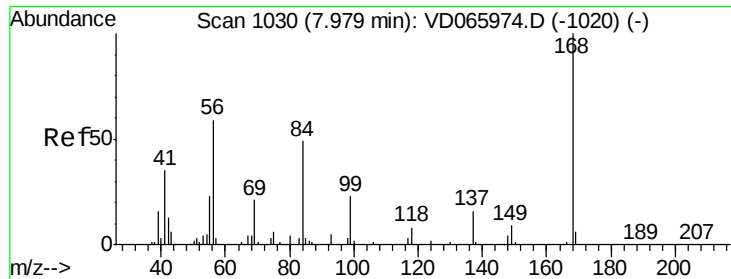
MMDadoda  
7/27/2020 12:03:46 PM

Quant Time: Jul 25 00:07:11 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072120S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 21 12:34:13 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 94732    | 24.477 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 54696    | 22.859 | ug/l  | 96       |
| 95) Naphthalene            | 15.41 | 128  | 142281   | 22.753 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 80297    | 23.865 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0724SBS01

Tot Ion:168 Resp: 298325

Ion Ratio Lower Upper

168 100

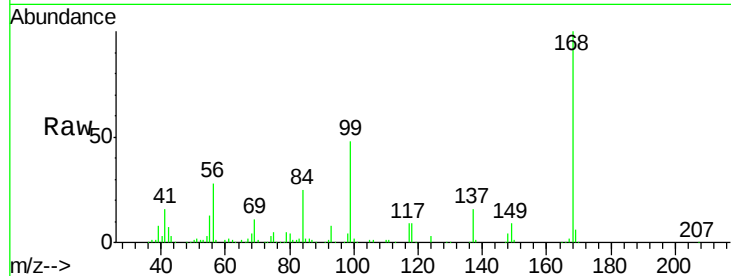
99 47.8 40.8 61.2

Manual Integrations

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7/27/2020 12:03:46 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

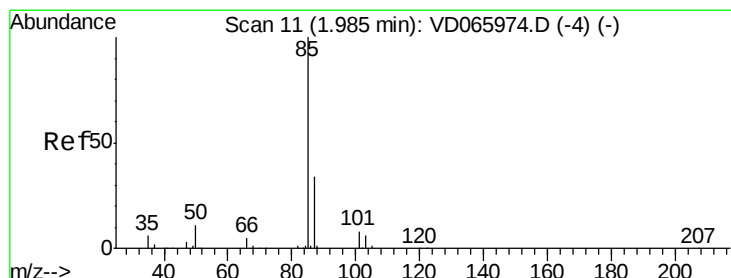
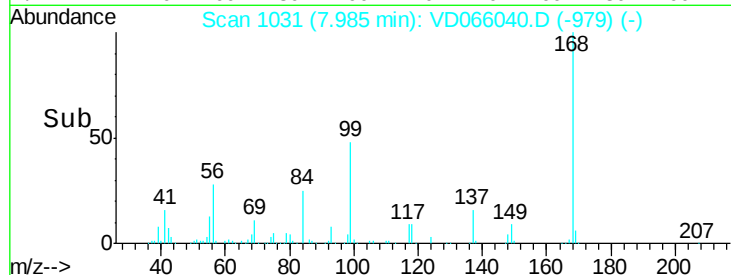
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 24.566 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066040.D

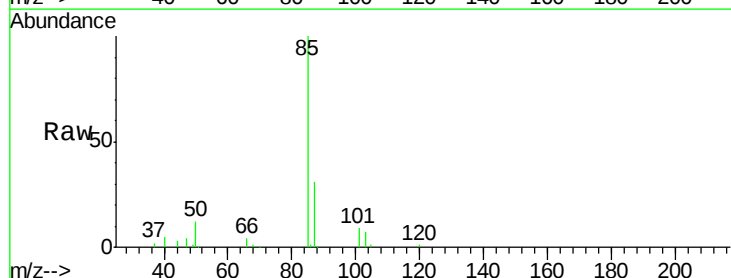
Acq: 24 Jul 2020 12:00

Tgt Ion: 85 Resp: 55618

Ion Ratio Lower Upper

85 100

87 31.1 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

40000

30000

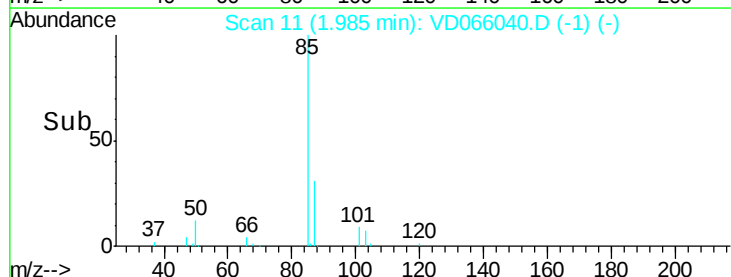
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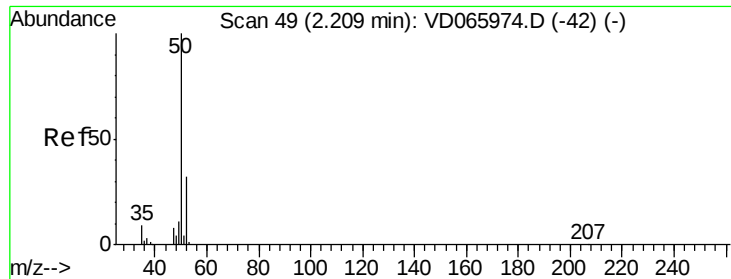
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0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 22.803 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0724SBS01

Tot Ion: 50 Resp: 42131

Ion Ratio Lower Upper

50 100

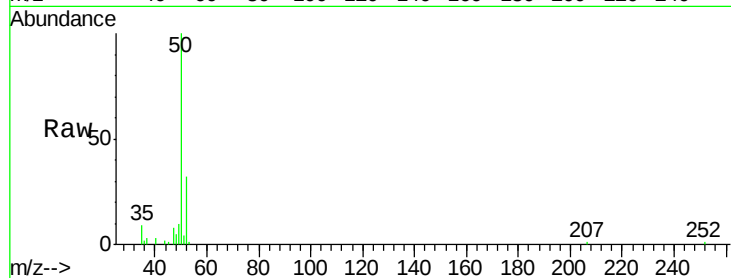
52 31.5 25.8 38.8

Manual Integrations

APPROVED

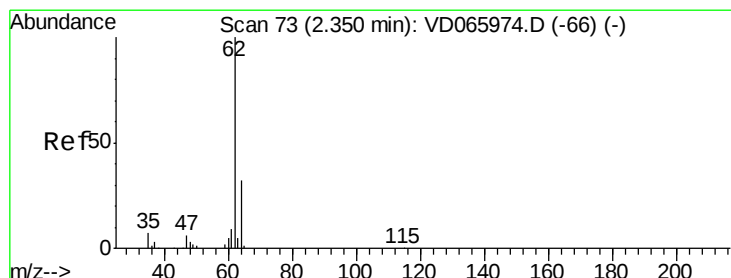
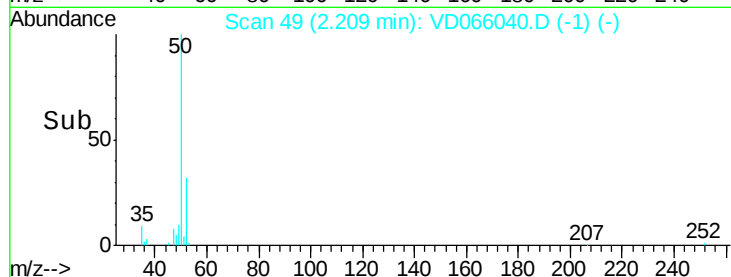
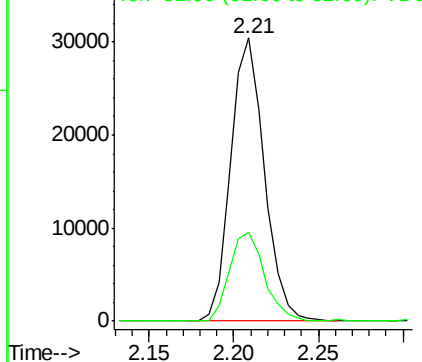
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7/27/2020 12:03:46 PM



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 23.427 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066040.D

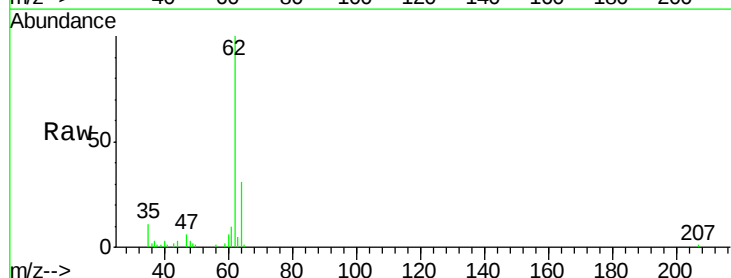
Acq: 24 Jul 2020 12:00

Tgt Ion: 62 Resp: 41218

Ion Ratio Lower Upper

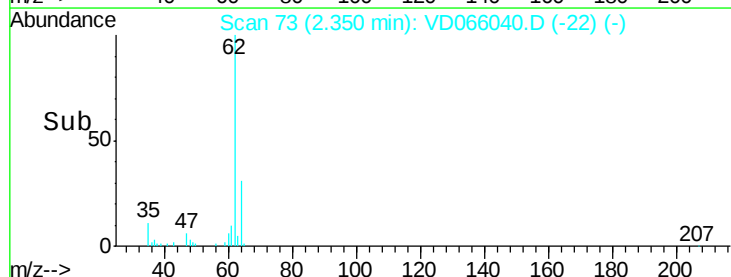
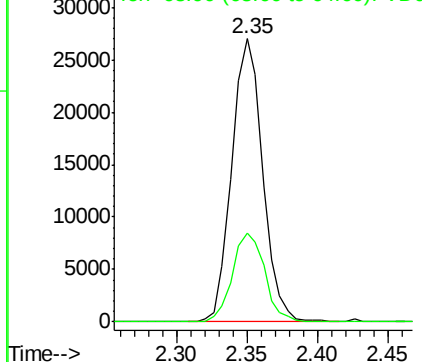
62 100

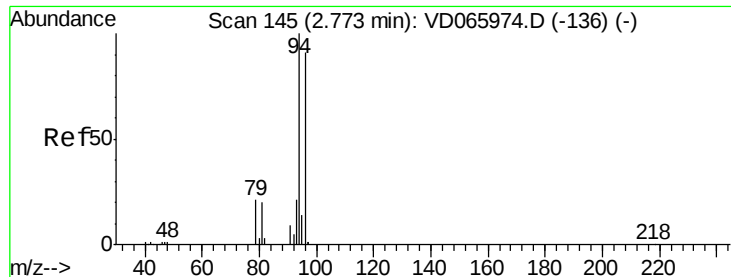
64 31.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.575 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0724SBS01

Tot Ion: 94 Resp: 27999

Ion Ratio Lower Upper

94 100

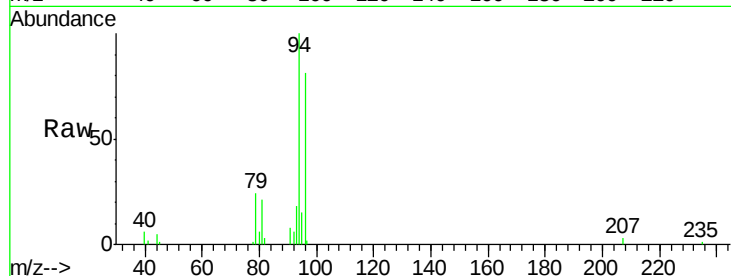
96 80.6 73.0 109.4

Manual Integrations

APPROVED

MMDadoda

7/27/2020 12:03:46 PM



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

15000

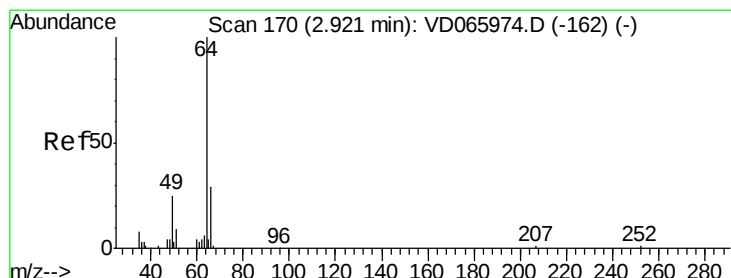
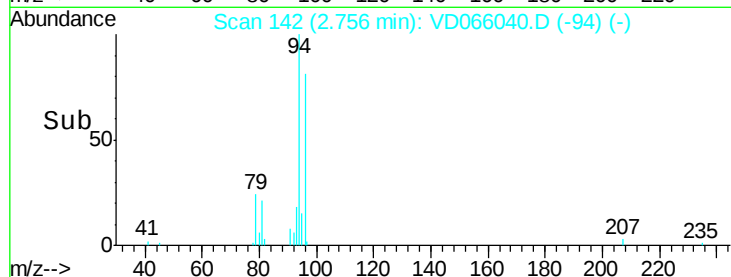
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5000

0

Time-->

2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 23.128 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066040.D

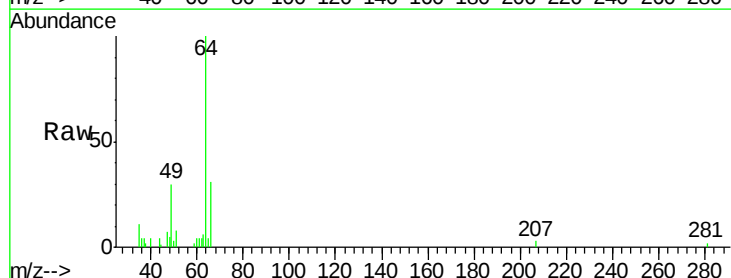
Acq: 24 Jul 2020 12:00

Tgt Ion: 64 Resp: 24291

Ion Ratio Lower Upper

64 100

66 30.8 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

12000

10000

8000

6000

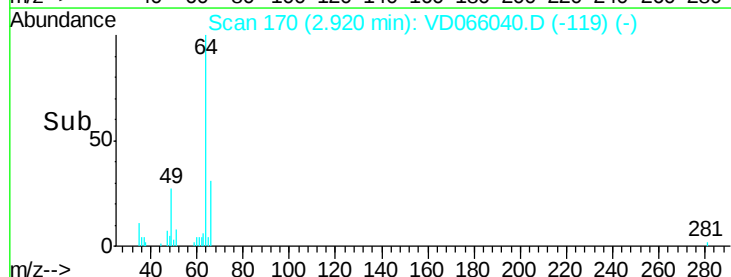
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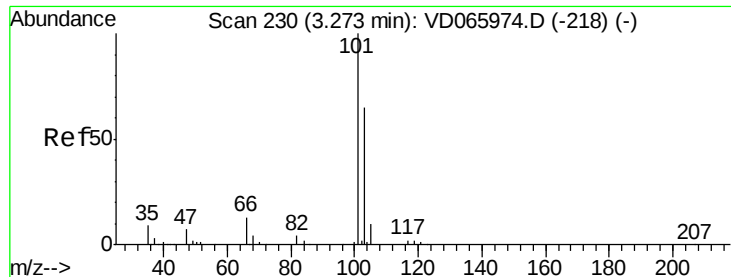
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0

Time-->

2.85 2.90 2.95 3.00





#7

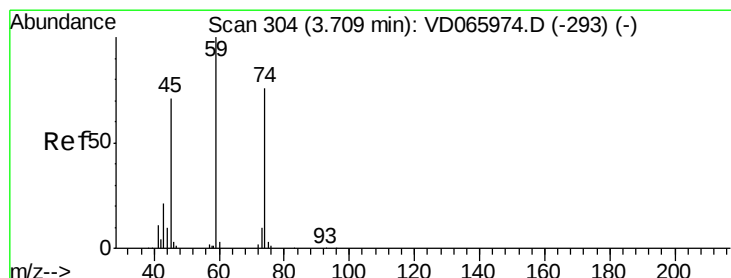
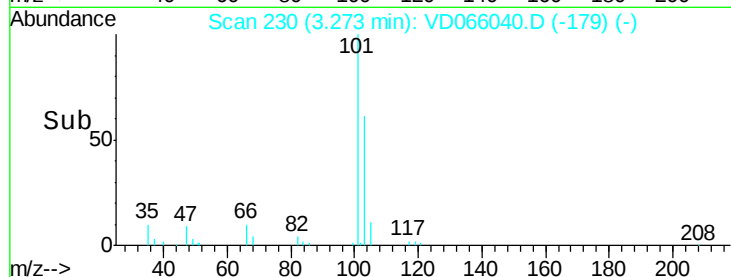
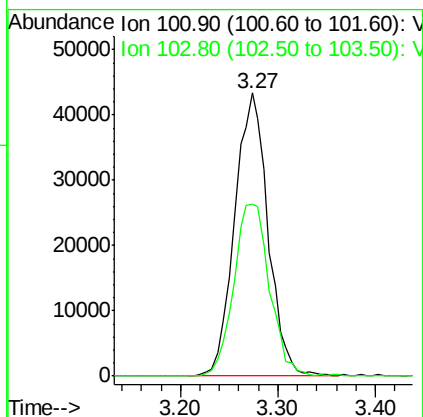
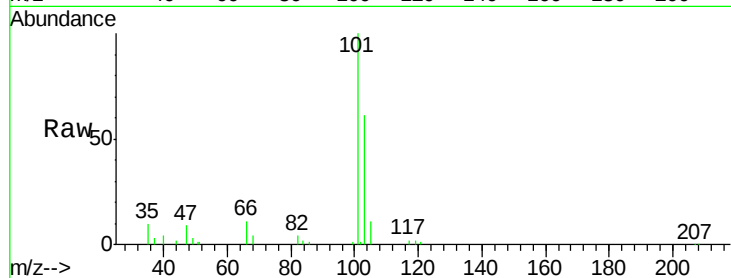
Trichlorofluoromethane  
Concen: 23.997 ug/l  
RT: 3.27 min Scan# 230  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 60.9  | 52.1  | 78.1  |

Manual Integrations  
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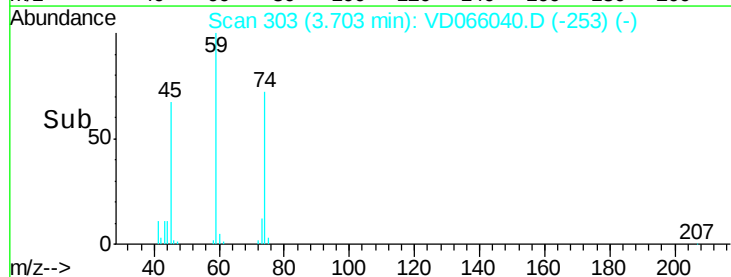
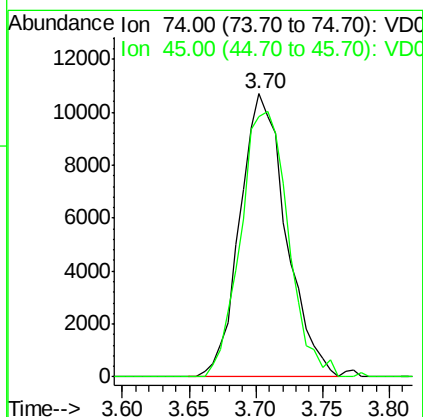
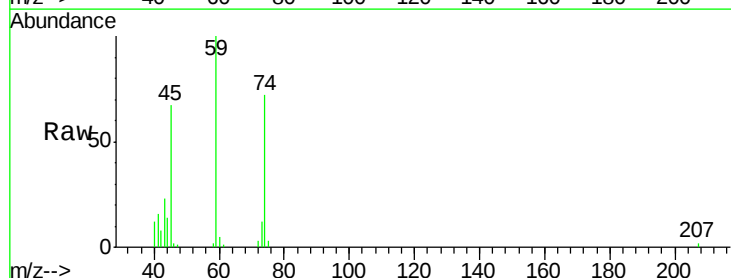
MMDadoda  
7/27/2020 12:03:46 PM

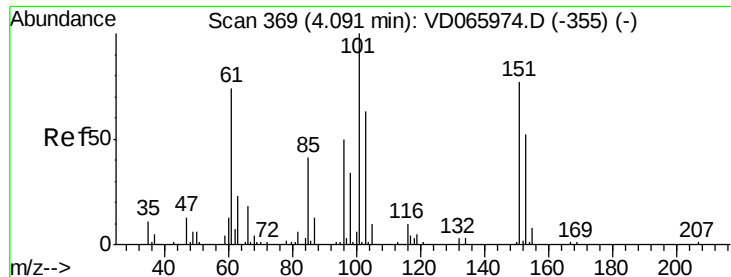


#8

Diethyl Ether  
Concen: 21.673 ug/l  
RT: 3.70 min Scan# 303  
Delta R.T. -0.01 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 96.8  | 49.9  | 149.6 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.848 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

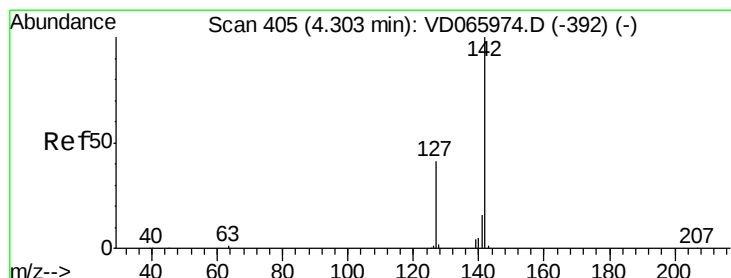
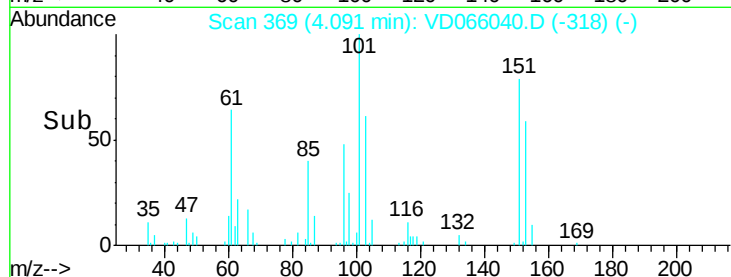
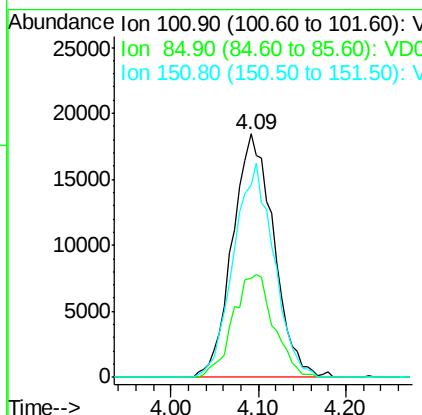
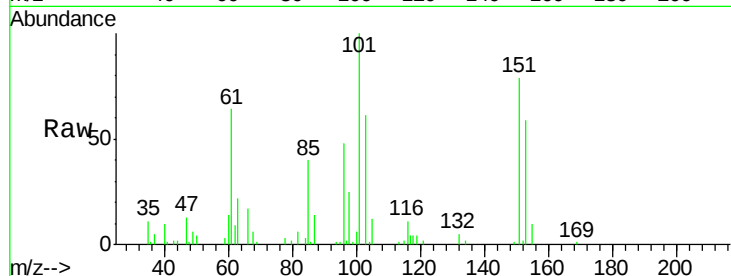
ClientSampleId :

VD0724SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 59040 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 41.7  | 33.6  | 50.4  |
| 151       | 86.0  | 66.6  | 99.8  |

Manual Integrations  
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7/27/2020 12:03:46 PM



#10

Methyl Iodide

Concen: 27.344 ug/l

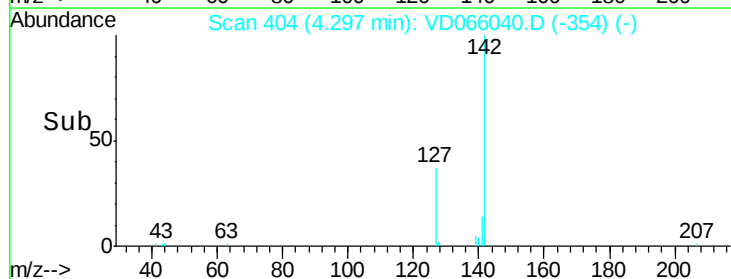
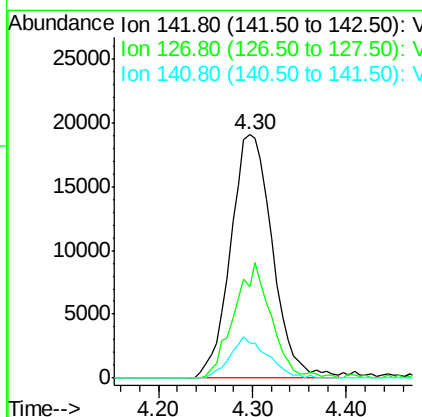
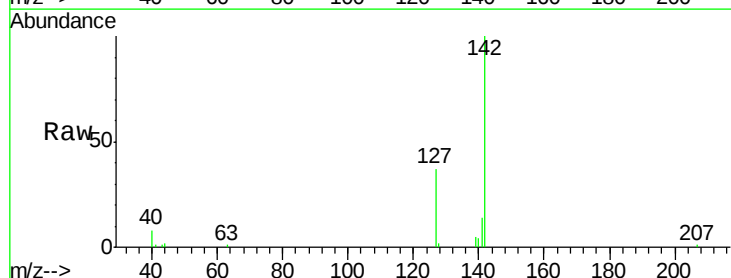
RT: 4.30 min Scan# 404

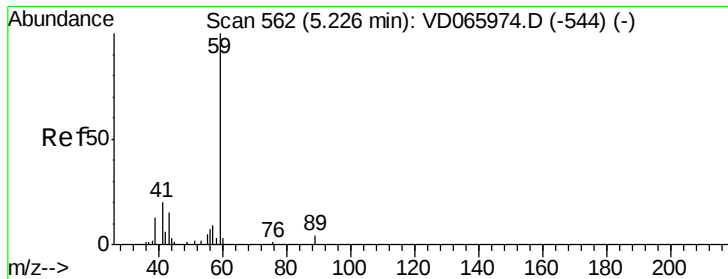
Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 58723 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 42.3  | 32.9  | 49.3  |
| 141       | 15.2  | 11.8  | 17.6  |





#11

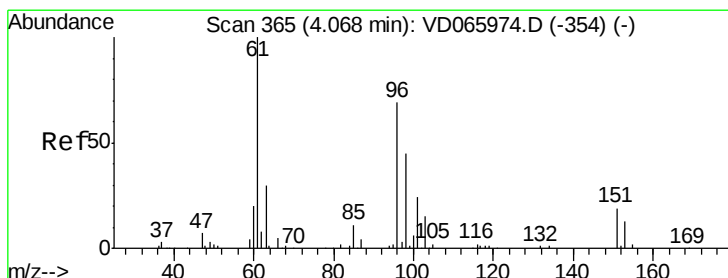
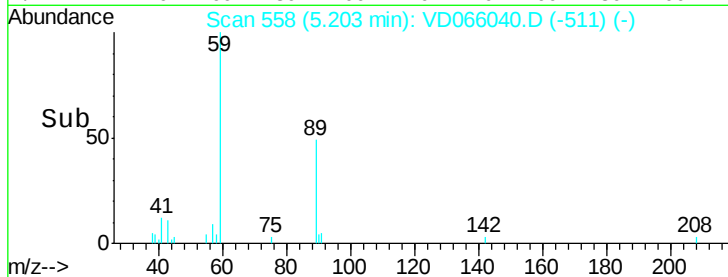
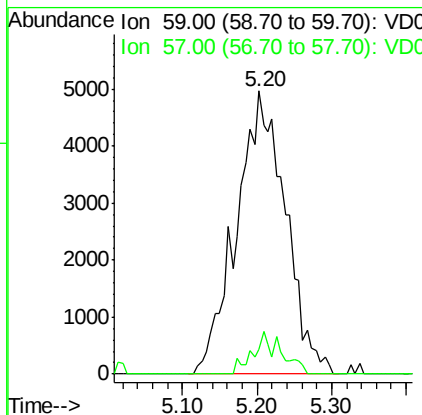
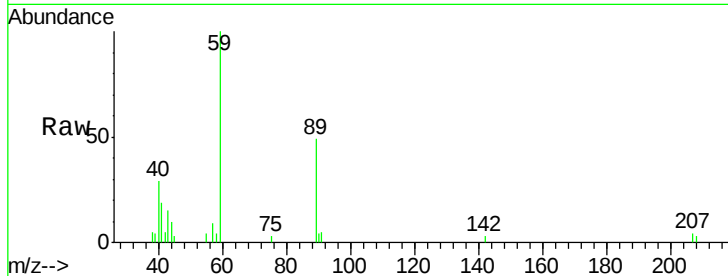
Tert butyl alcohol  
Concen: 135.487 ug/l  
RT: 5.20 min Scan# 558  
Delta R.T. -0.02 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 5.2   | 4.5   | 6.7   |

Manual Integrations  
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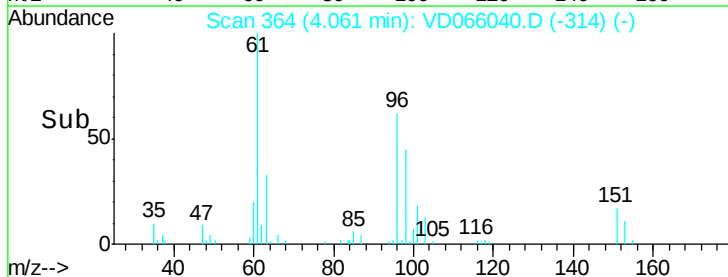
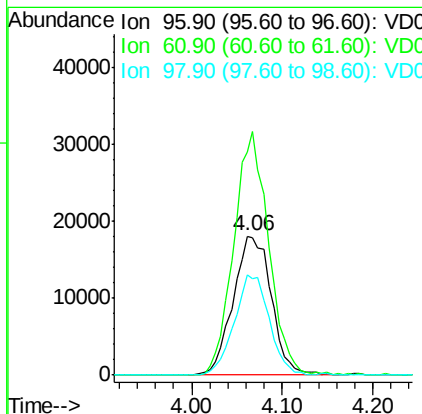
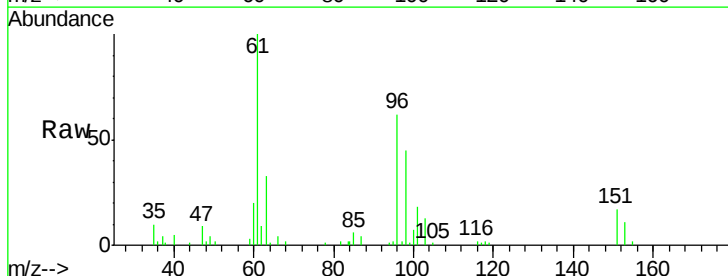
MMDadoda  
7/27/2020 12:03:46 PM

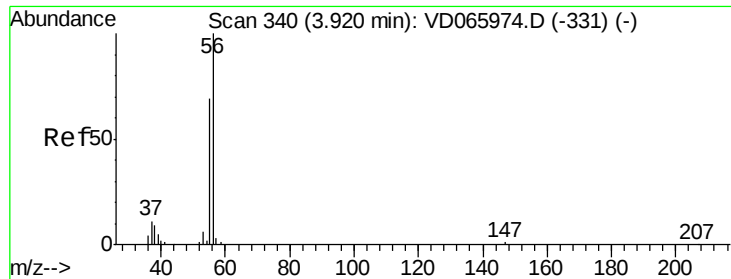


#12

1,1-Dichloroethene  
Concen: 21.466 ug/l  
RT: 4.06 min Scan# 364  
Delta R.T. -0.01 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 161.2 | 115.4 | 173.0 |
| 98      | 71.9  | 51.5  | 77.3  |





#13

Acrolein

Concen: 78.013 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0724SBS01

Tot Ion: 56 Resp: 15955

Ion Ratio Lower Upper

56 100

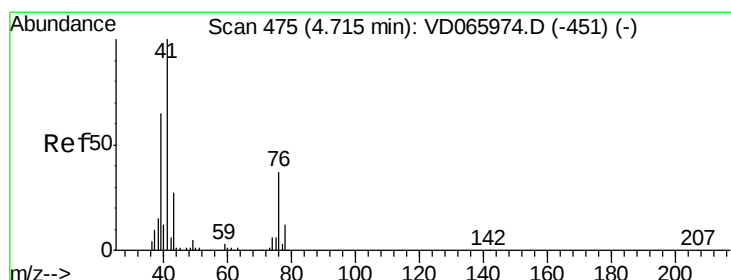
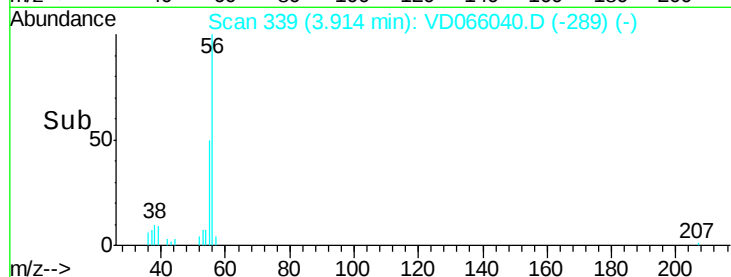
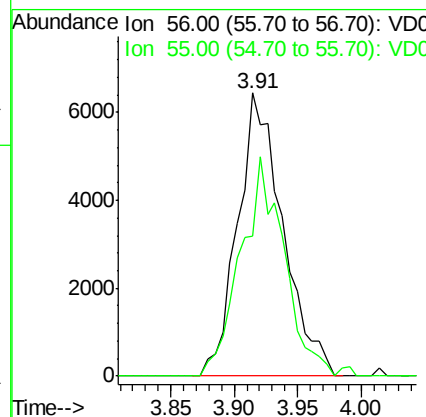
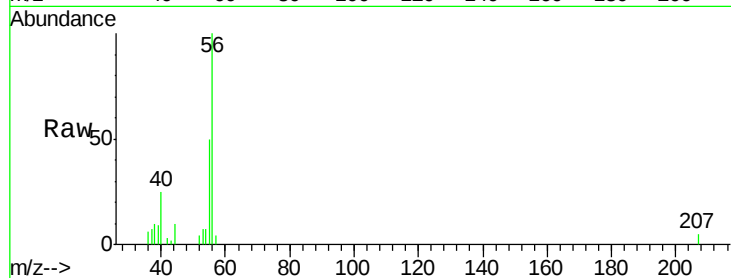
55 74.0 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 21.449 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

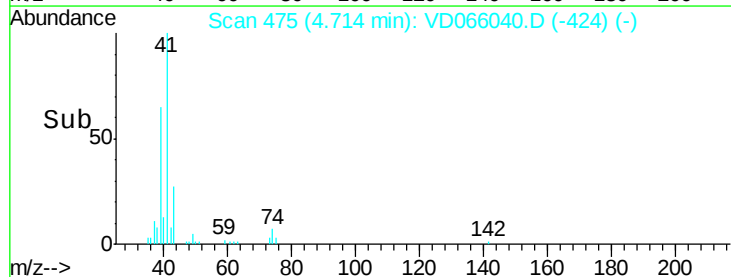
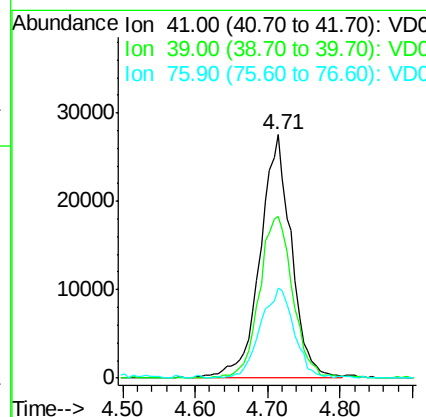
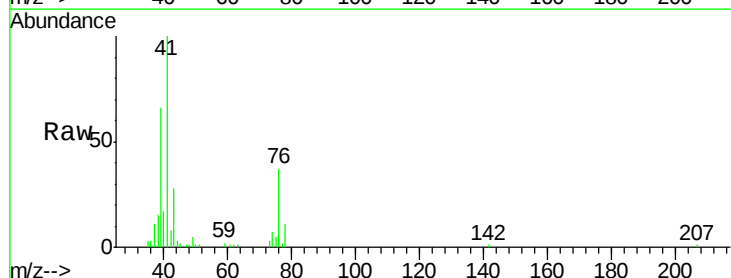
Tgt Ion: 41 Resp: 82702

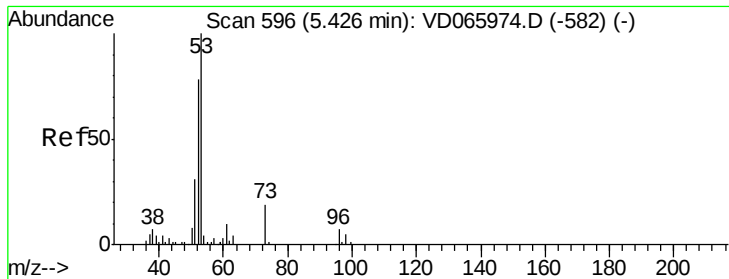
Ion Ratio Lower Upper

41 100

39 70.6 53.4 80.2

76 39.7 29.1 43.7





#15

Acrylonitrile

Concen: 106.072 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

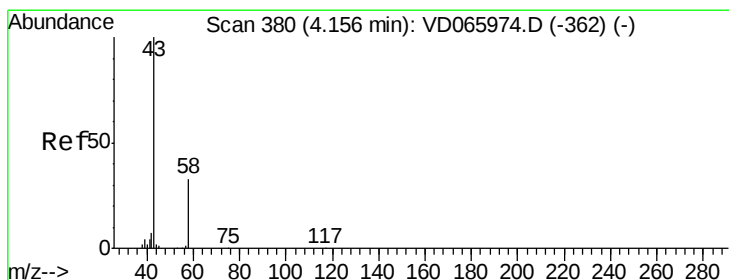
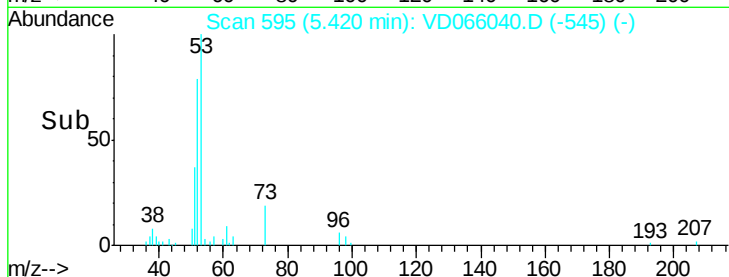
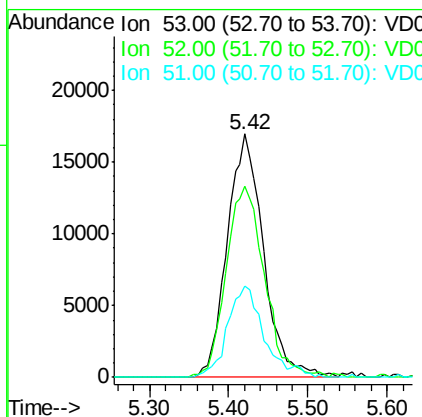
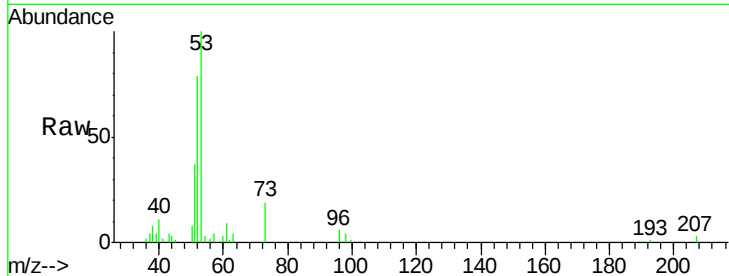
ClientSampleId :

VD0724SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 53605 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 82.7  | 67.1  | 100.7 |
| 51       | 36.4  | 28.7  | 43.1  |

Manual Integrations  
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#16

Acetone

Concen: 102.705 ug/l

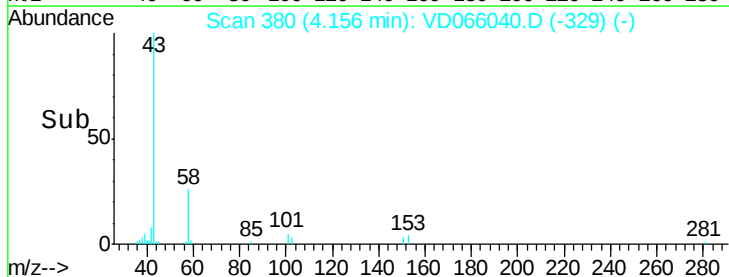
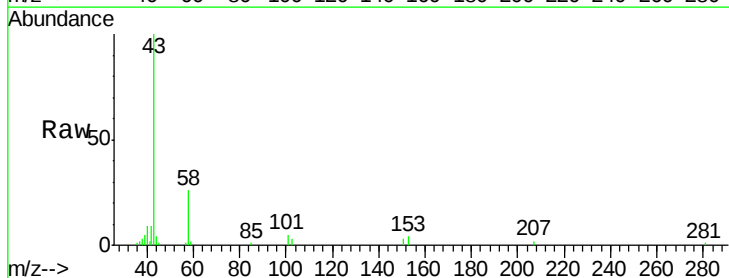
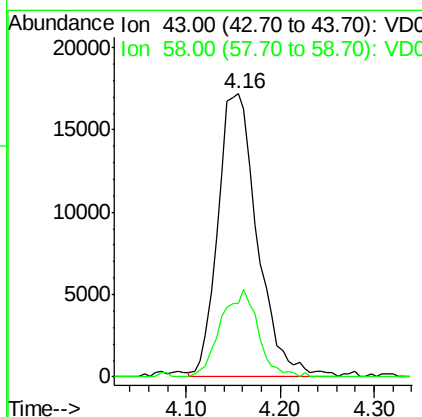
RT: 4.16 min Scan# 380

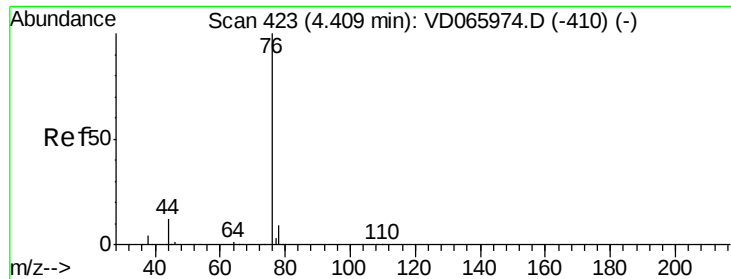
Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 50464 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 25.7  | 26.3  | 39.5# |





#17

Carbon Disulfide

Concen: 21.362 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0724SBS01

Tot Ion: 76 Resp: 170915

Ion Ratio Lower Upper

76 100

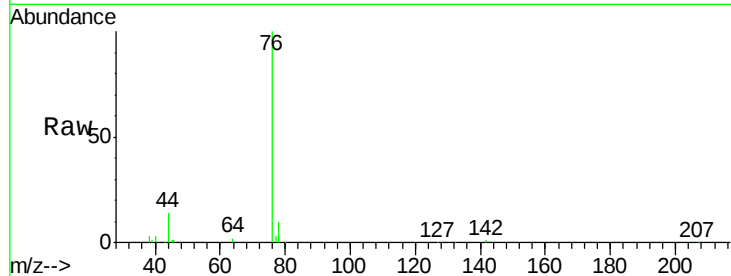
78 9.6 7.4 11.2

Manual Integrations

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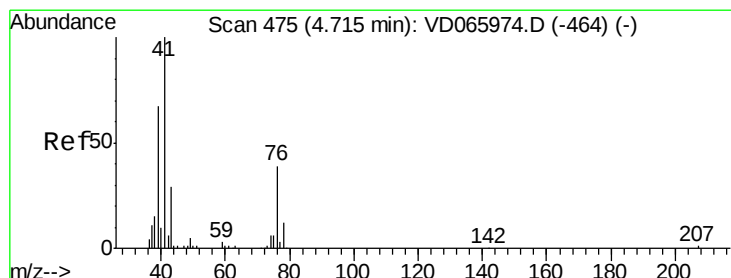
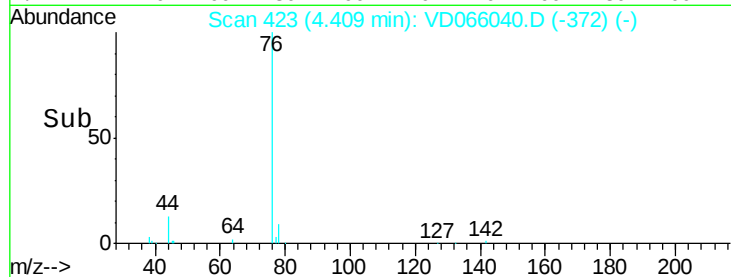
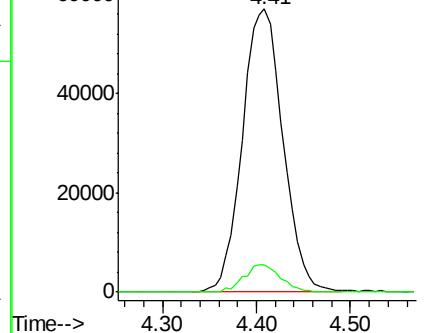
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 20.839 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066040.D

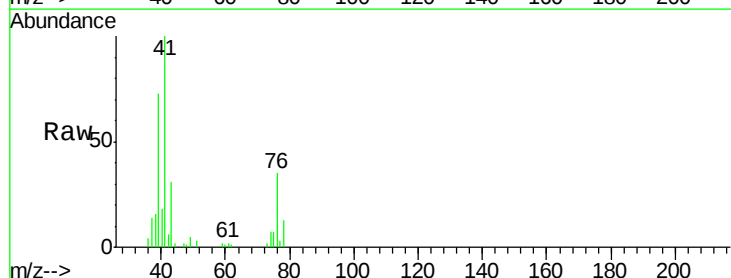
Acq: 24 Jul 2020 12:00

Tgt Ion: 43 Resp: 23819

Ion Ratio Lower Upper

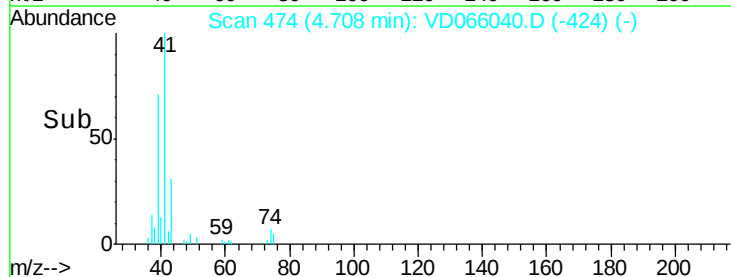
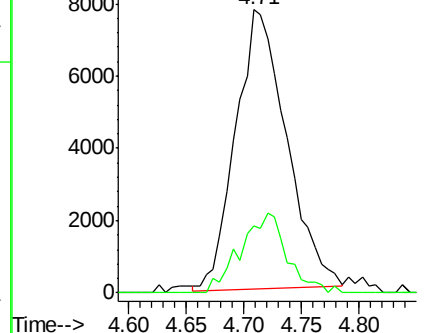
43 100

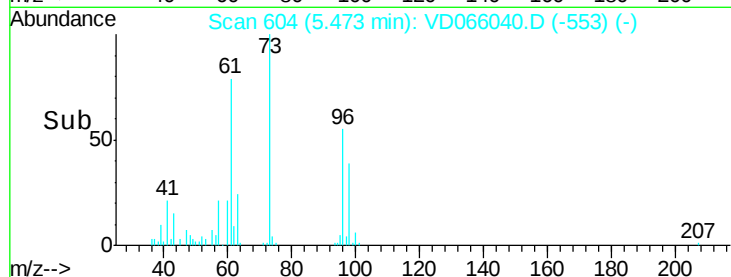
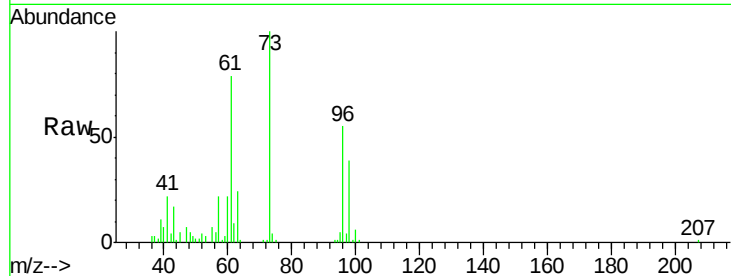
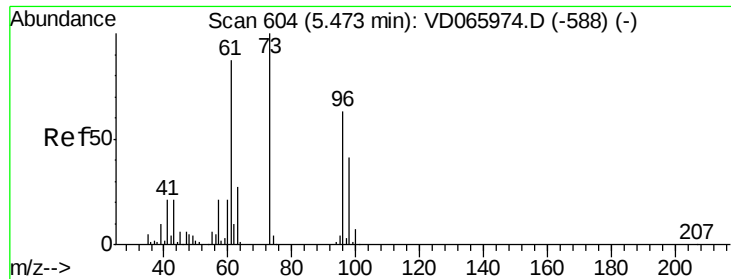
74 26.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





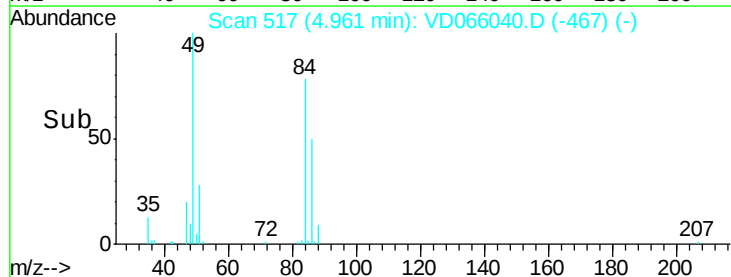
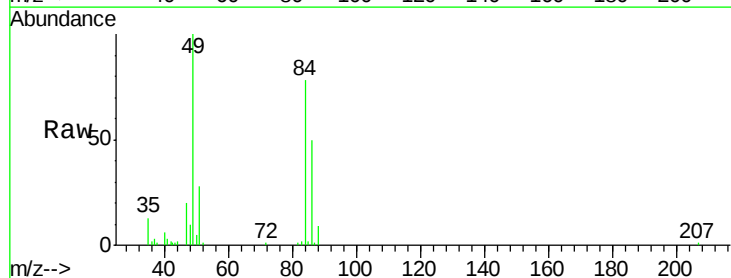
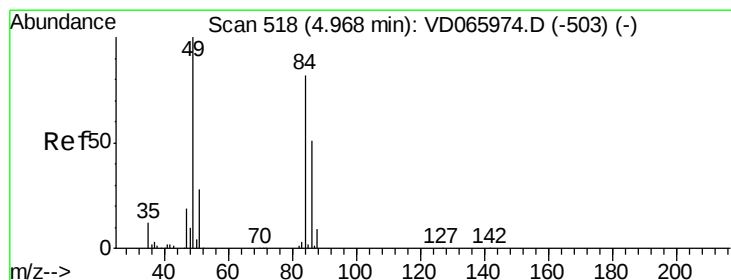
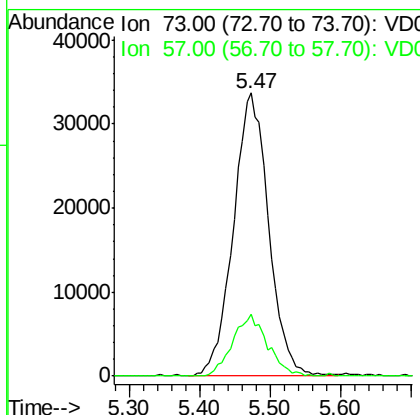
#19  
Methvl tert-butvl Ether  
Concen: 23.087 ug/l  
RT: 5.47 min Scan# 604  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Tot Ion: 73 Resp: 117002  
Ion Ratio Lower Upper  
73 100  
57 22.0 17.0 25.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

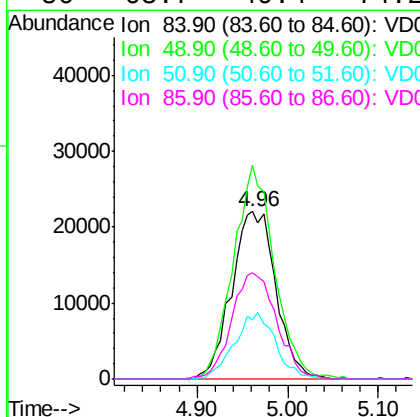
Manual Integrations  
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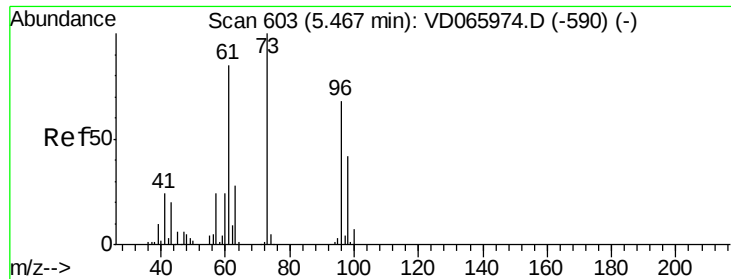
MMDadoda  
7/27/2020 12:03:46 PM



#20  
Methylene Chloride  
Concen: 26.106 ug/l  
RT: 4.96 min Scan# 517  
Delta R.T. -0.01 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Tgt Ion: 84 Resp: 74775  
Ion Ratio Lower Upper  
84 100  
49 126.9 97.7 146.5  
51 35.3 27.4 41.2  
86 63.7 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 21.891 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0724SBS01

Tot Ion: 96 Resp: 61025

Ion Ratio Lower Upper

96 100

61 131.0 100.5 150.7

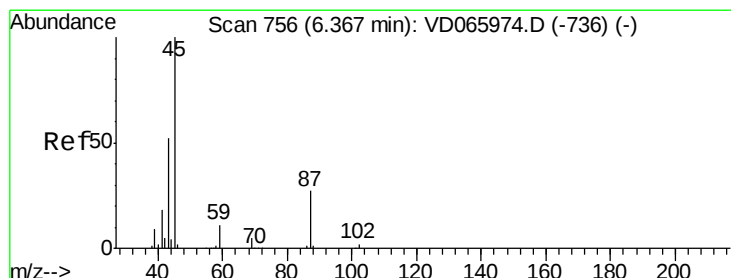
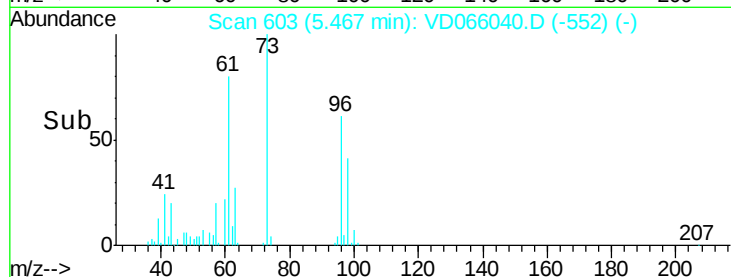
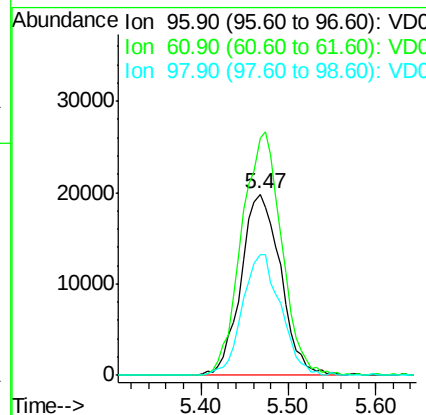
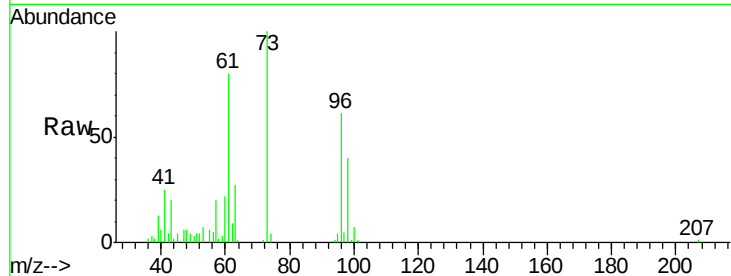
98 66.6 49.7 74.5

Manual Integrations

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#22

Diisopropyl ether

Concen: 22.931 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Tgt Ion: 45 Resp: 167970

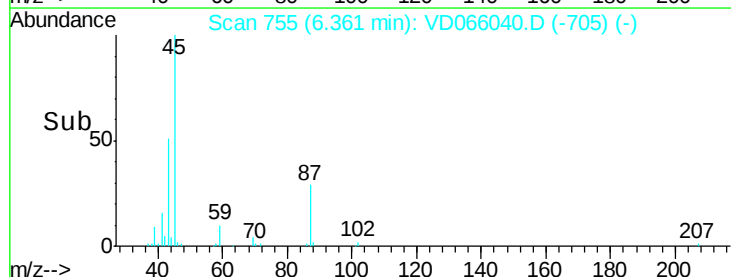
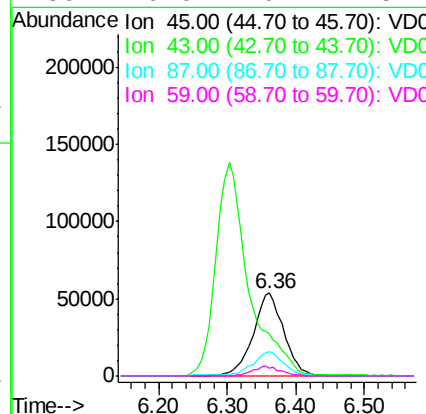
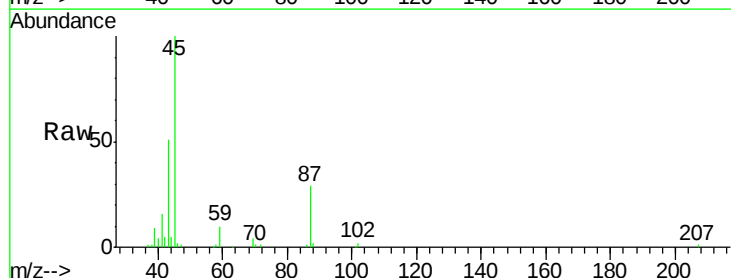
Ion Ratio Lower Upper

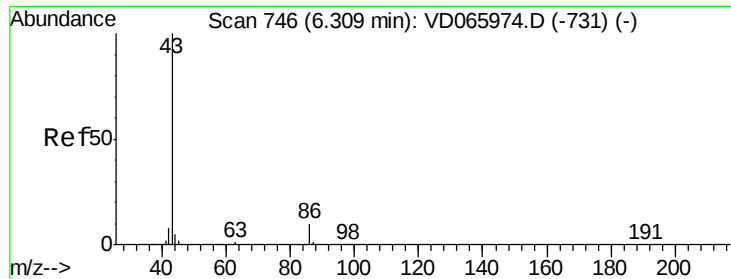
45 100

43 49.9 43.0 64.4

87 28.6 22.0 33.0

59 10.0 9.1 13.7





#23

Vinyl Acetate

Concen: 112.130 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0724SBS01

Tot Ion: 43 Resp: 463228

Ion Ratio Lower Upper

43 100

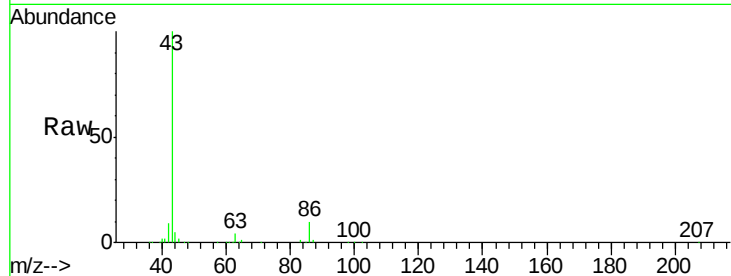
86 10.4 7.9 11.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

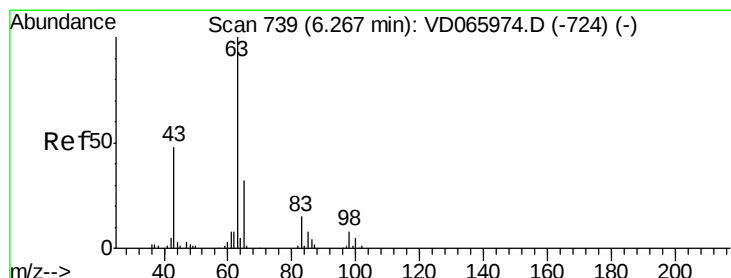
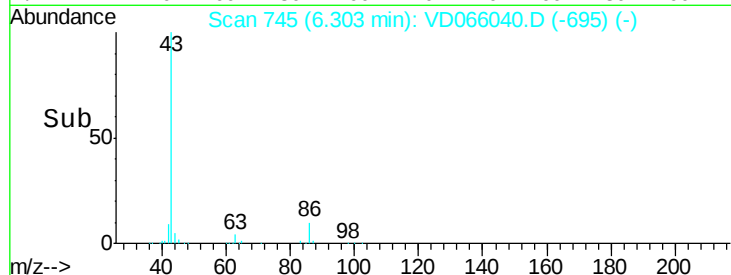
150000

100000

50000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 22.677 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

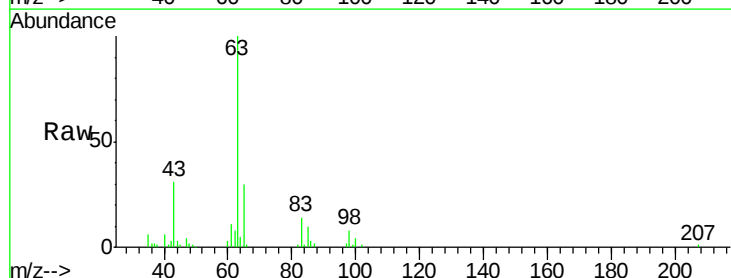
Tgt Ion: 63 Resp: 100650

Ion Ratio Lower Upper

63 100

98 7.7 4.3 12.8

100 4.1 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

40000

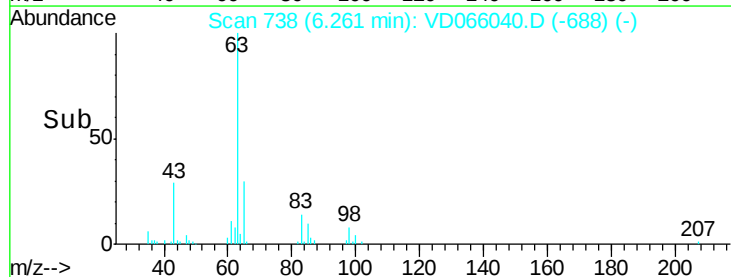
30000

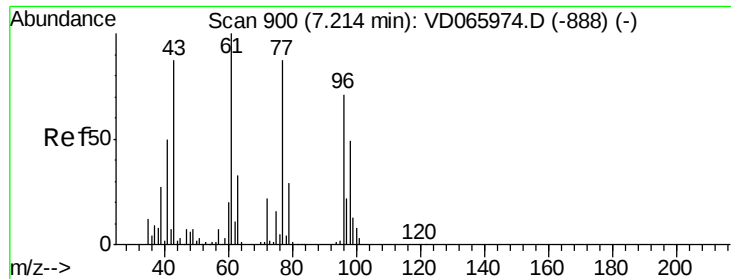
20000

10000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 103.442 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0724SBS01

Tot Ion: 43 Resp: 67442

Ion Ratio Lower Upper

43 100

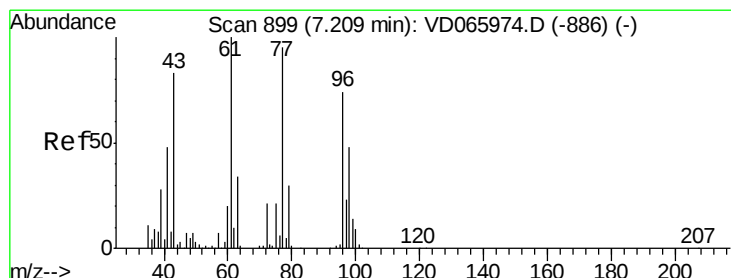
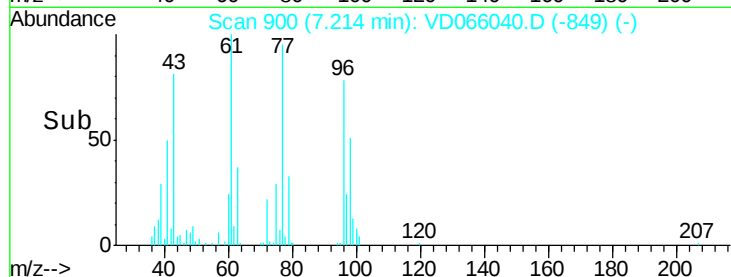
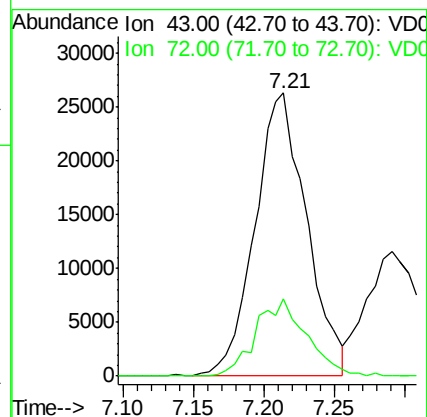
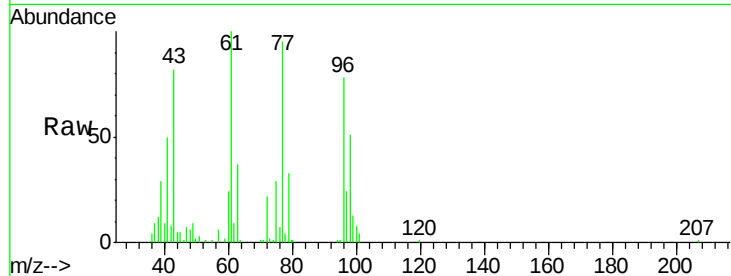
72 27.4 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 23.903 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066040.D

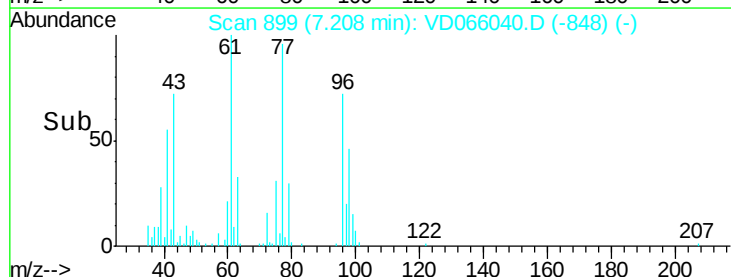
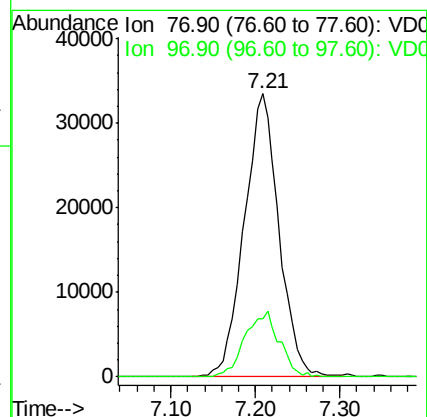
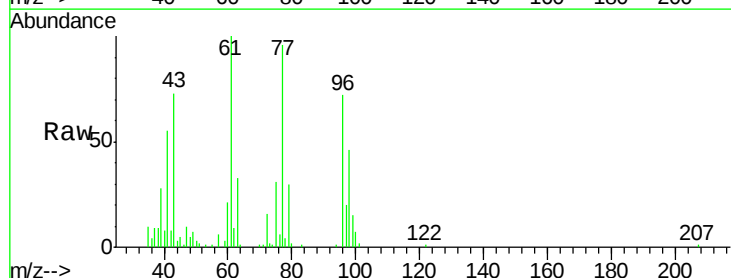
Acq: 24 Jul 2020 12:00

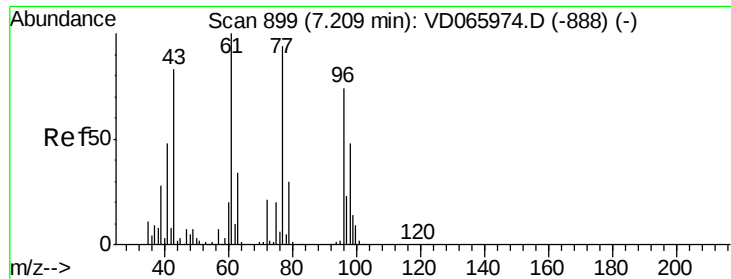
Tgt Ion: 77 Resp: 95404

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7





#27

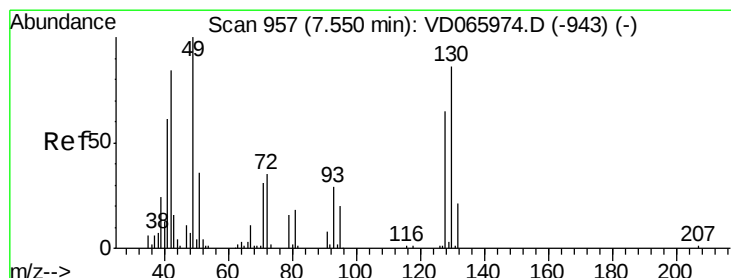
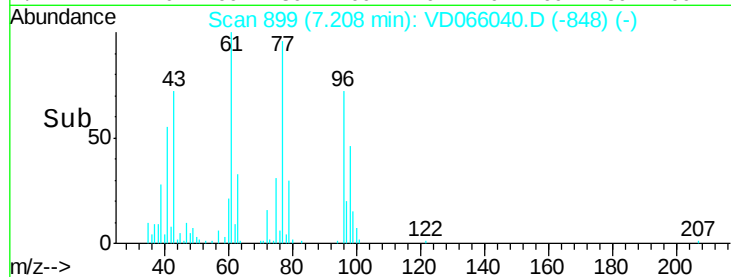
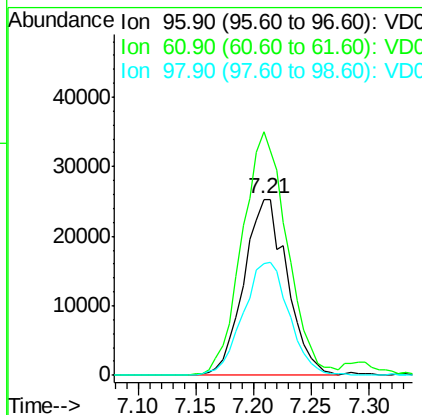
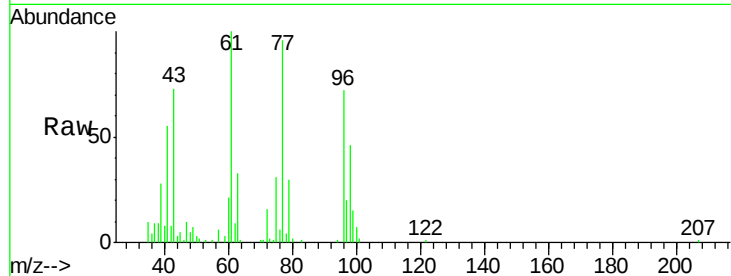
cis-1,2-Dichloroethene  
 Concen: 22.450 ug/l  
 RT: 7.21 min Scan# 899  
 Delta R.T. -0.00 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 143.7 | 0.0   | 276.6 |
| 98      | 67.9  | 0.0   | 130.8 |

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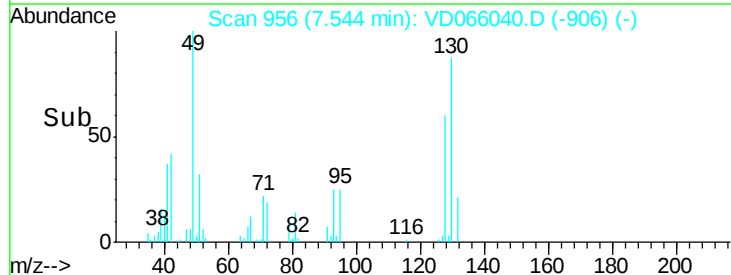
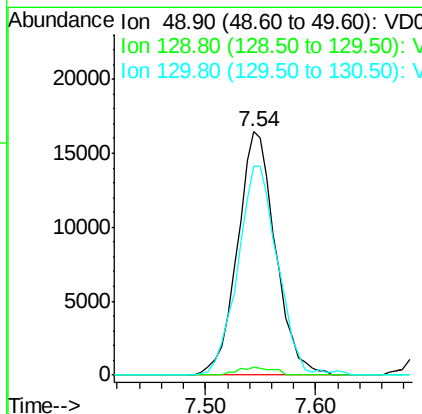
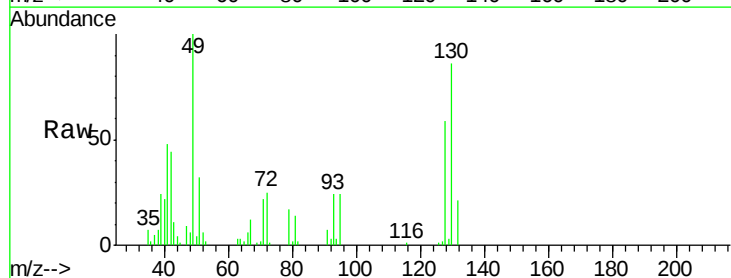
MMDadoda  
 7/27/2020 12:03:46 PM

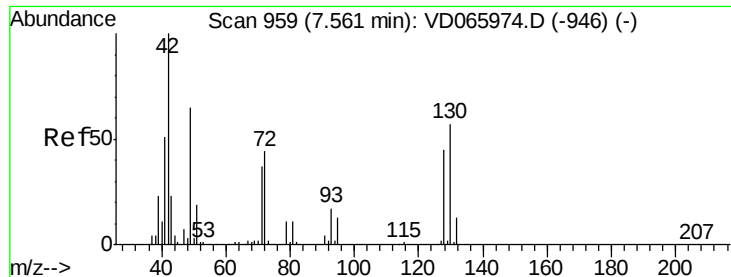


#28

Bromochloromethane  
 Concen: 20.989 ug/l  
 RT: 7.54 min Scan# 956  
 Delta R.T. -0.01 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 3.0   | 0.0   | 4.8   |
| 130     | 89.6  | 68.4  | 102.6 |





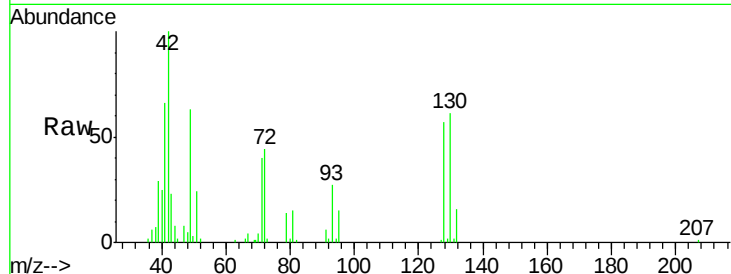
#29  
Tetrahydrofuran  
Concen: 105.262 ug/l  
RT: 7.56 min Scan# 959  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

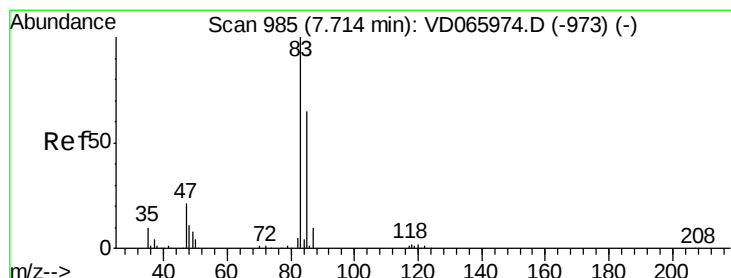
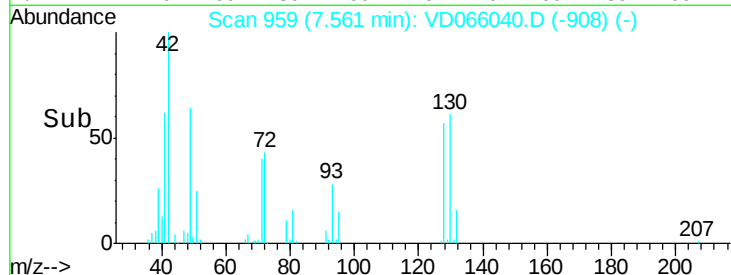
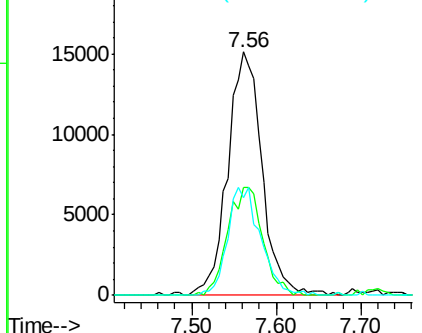
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 45.3  | 34.2  | 51.2  |
| 71      | 42.9  | 31.4  | 47.2  |

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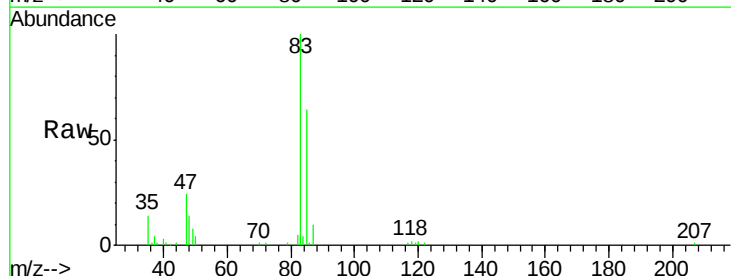


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

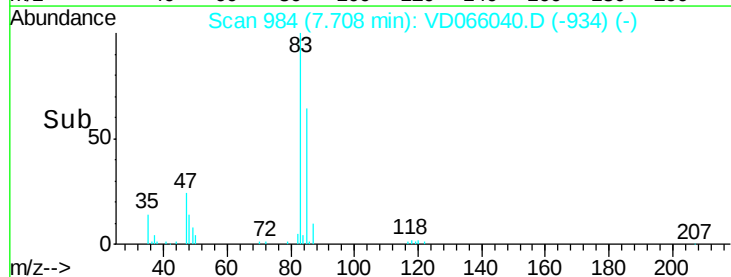
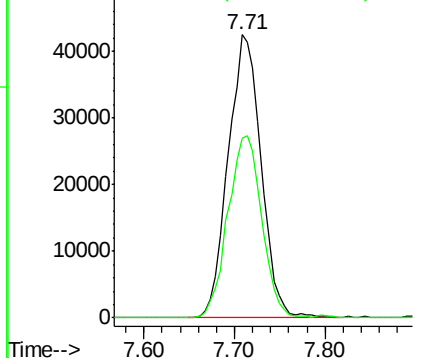


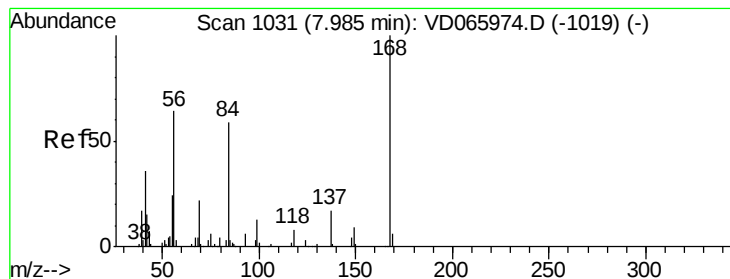
#30  
Chloroform  
Concen: 23.040 ug/l  
RT: 7.71 min Scan# 984  
Delta R.T. -0.01 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.7  | 52.1  | 78.1  |



Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 21.745 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

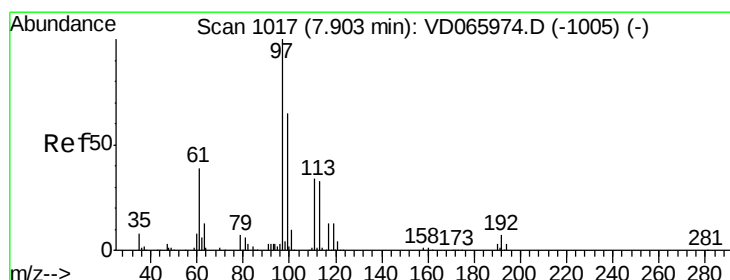
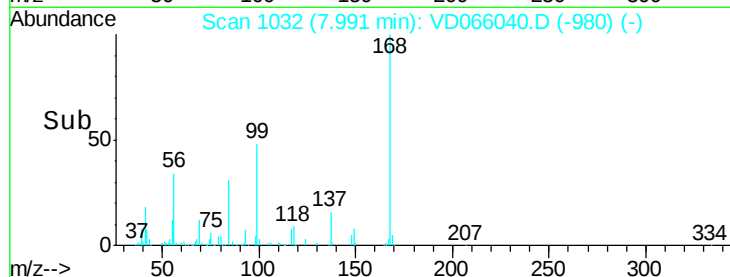
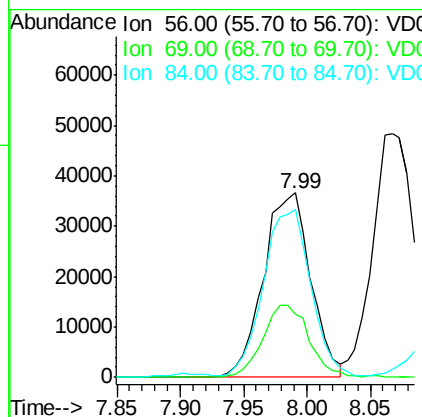
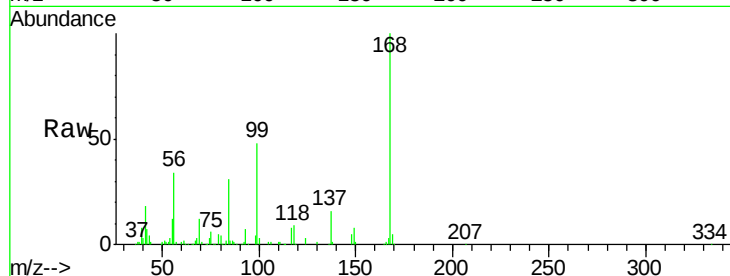
ClientSampleId :

VD0724SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 56    | Resp: | 94951 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 34.5  | 28.0  | 42.0  |
| 84       | 89.4  | 72.6  | 109.0 |

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#32

1,1,1-Trichloroethane

Concen: 23.885 ug/l

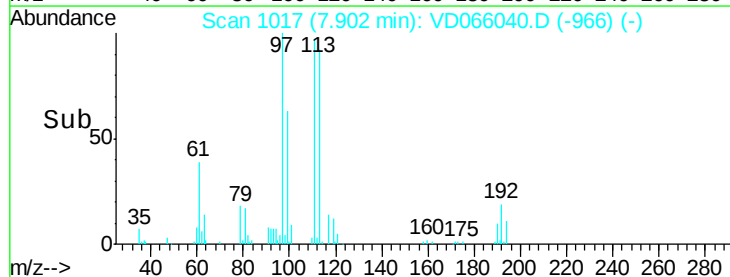
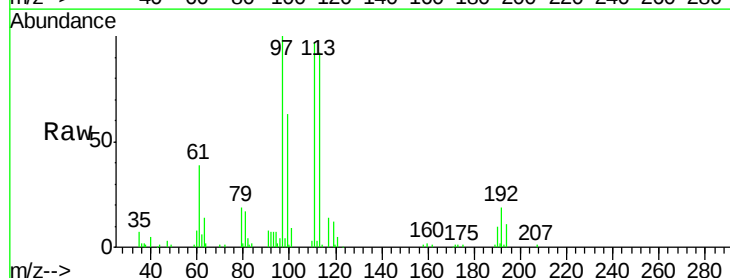
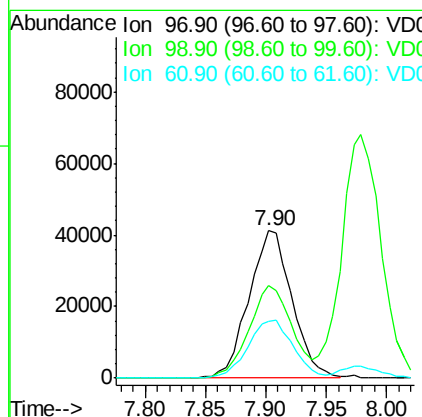
RT: 7.90 min Scan# 1017

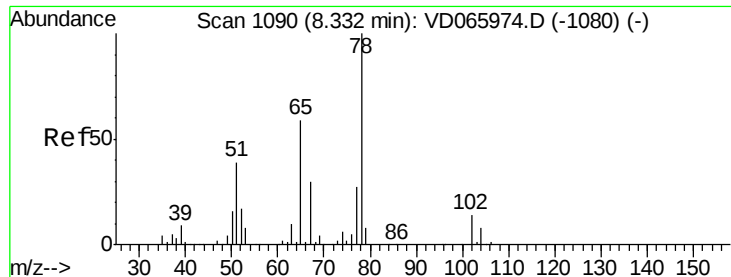
Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 102573 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 62.5  | 51.8  | 77.6   |
| 61       | 41.3  | 33.3  | 49.9   |





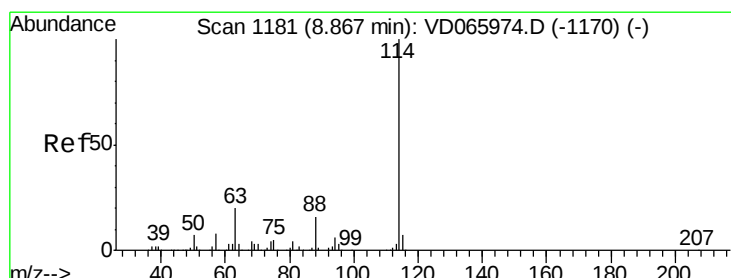
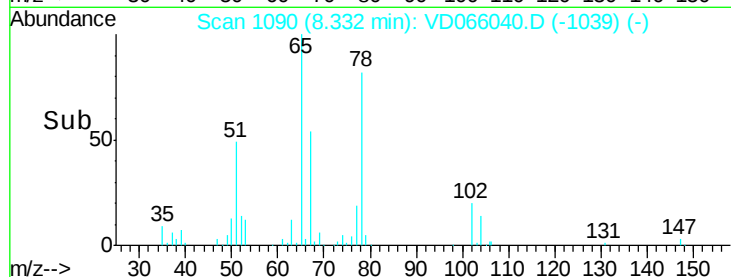
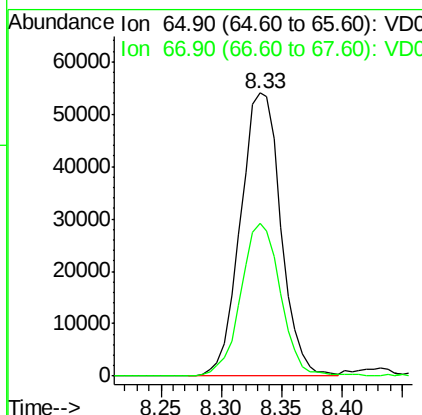
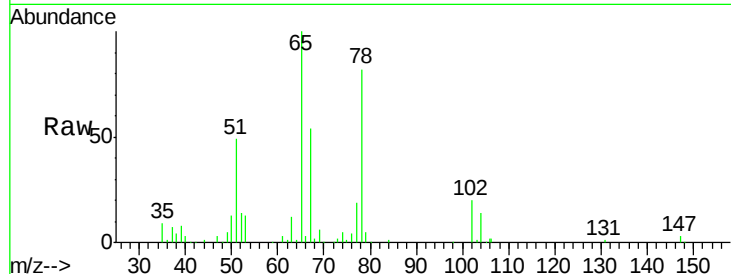
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.997 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. -0.00 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0724SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 126219 |       |       |
| 67      | 53.4  | 0.0    | 105.0 |       |

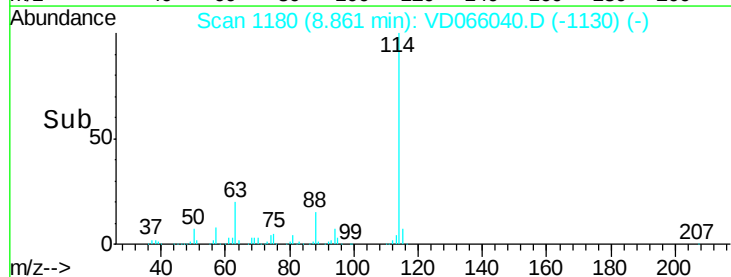
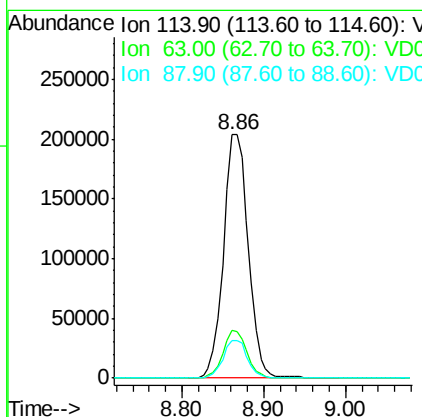
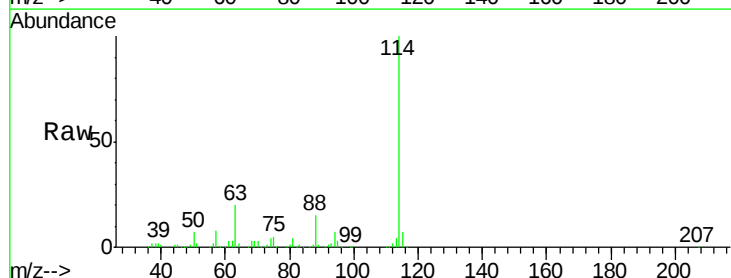
Manual Integrations  
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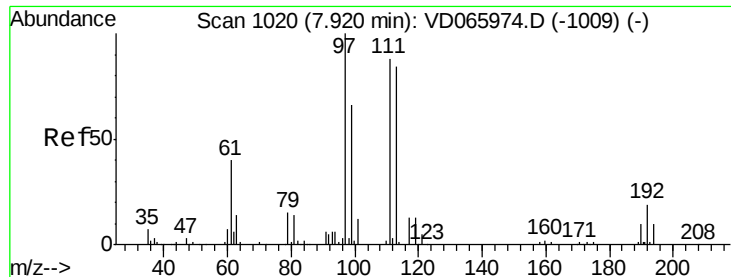
MMDadoda  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.86 min Scan# 1180  
 Delta R.T. -0.01 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 429886 |       |       |
| 63      | 19.7  | 0.0    | 39.6  |       |
| 88      | 15.3  | 0.0    | 31.2  |       |





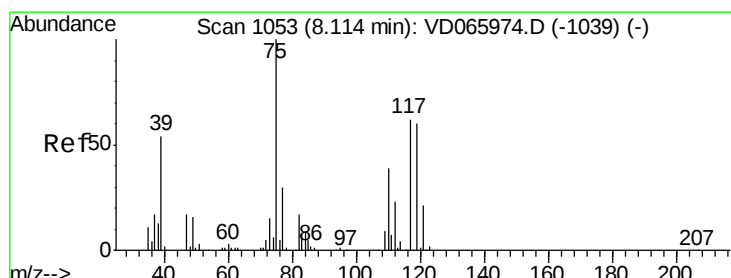
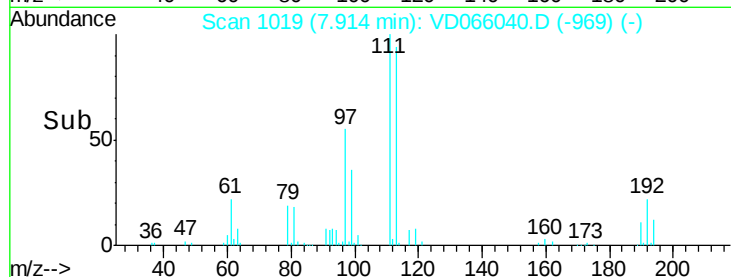
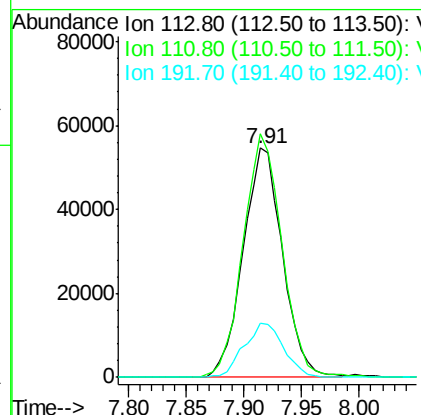
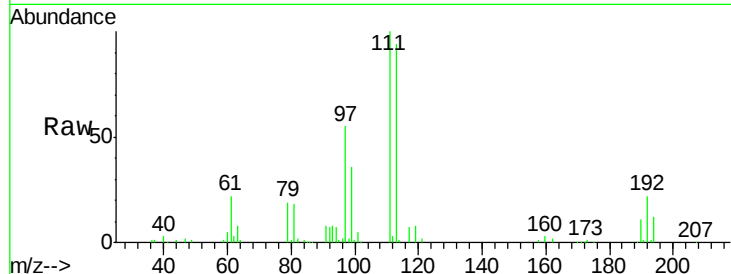
#35  
Dibromofluoromethane  
Concen: 49.752 ug/l  
RT: 7.91 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 129724 |       |       |
| 111     | 104.7 | 83.2   | 124.8 |       |
| 192     | 23.7  | 18.7   | 28.1  |       |

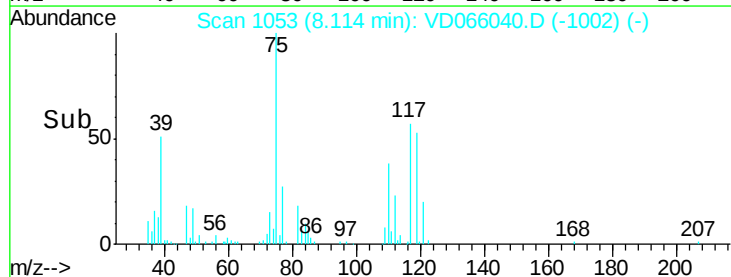
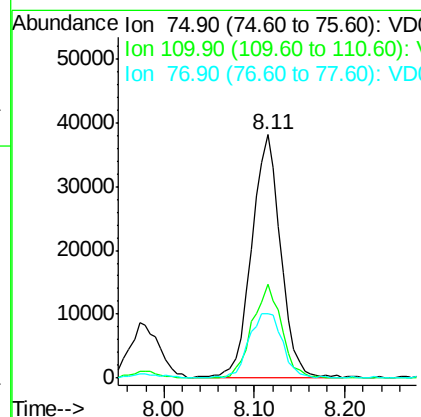
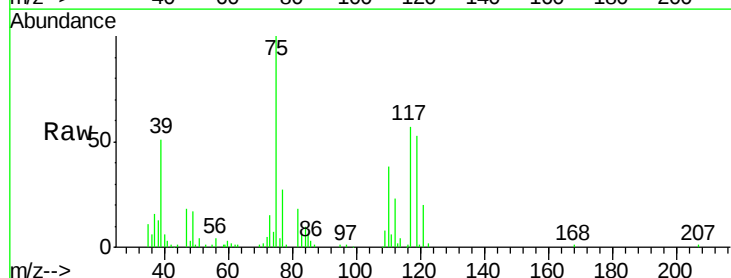
Manual Integrations  
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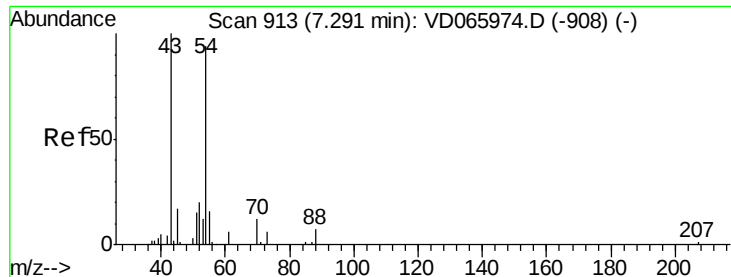
MMDadoda  
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#36  
1,1-Dichloropropene  
Concen: 23.120 ug/l  
RT: 8.11 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 84825 |       |       |
| 110     | 38.8  | 19.5  | 58.5  |       |
| 77      | 30.5  | 24.7  | 37.1  |       |





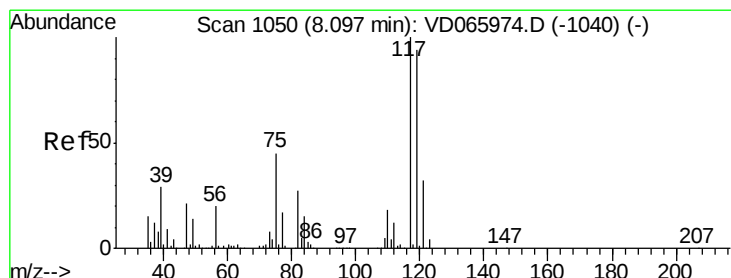
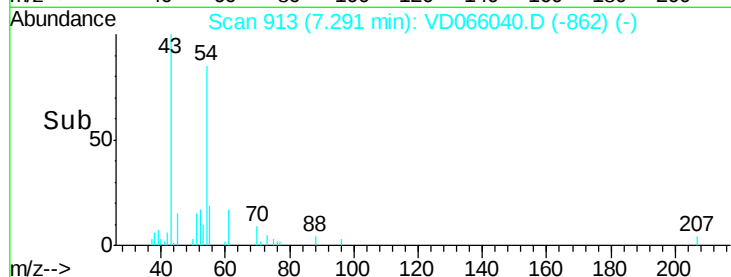
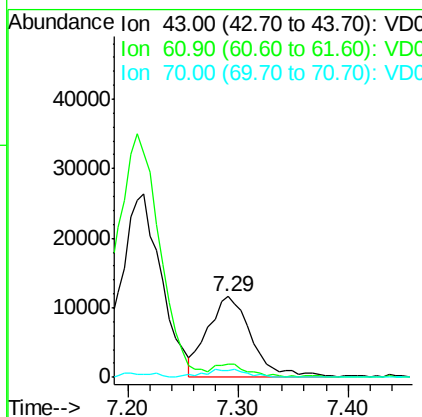
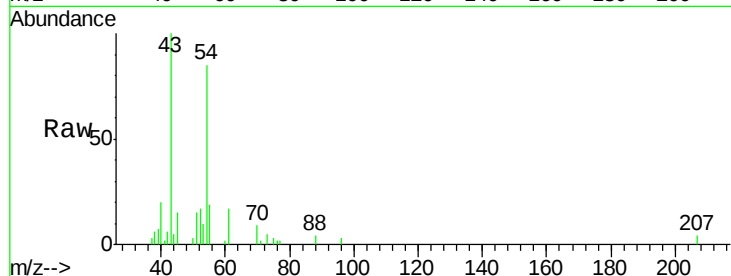
#37  
Ethyl Acetate  
Concen: 23.034 ug/l  
RT: 7.29 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 12.4  | 11.4  | 17.0  |
| 70      | 9.9   | 9.3   | 13.9  |

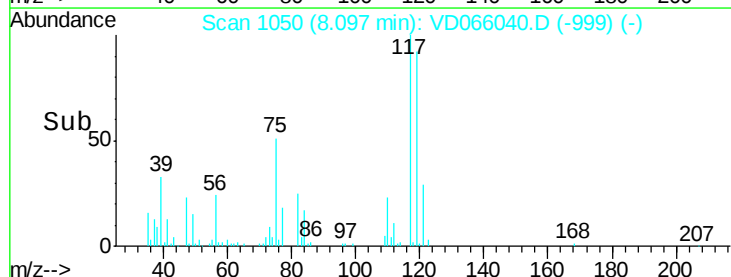
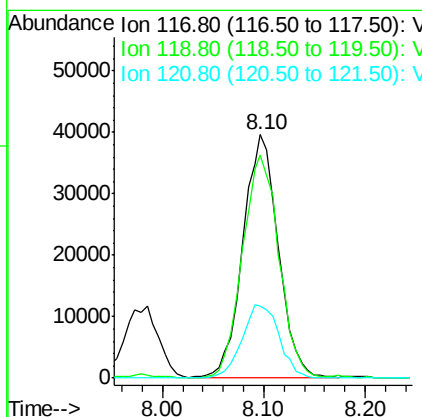
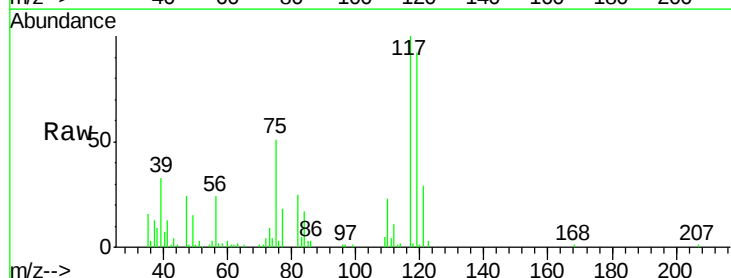
Manual Integrations  
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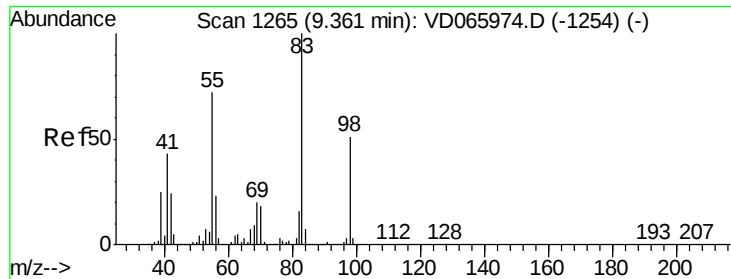
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#38  
Carbon Tetrachloride  
Concen: 24.250 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 91.9  | 75.0  | 112.6 |
| 121     | 29.4  | 25.5  | 38.3  |





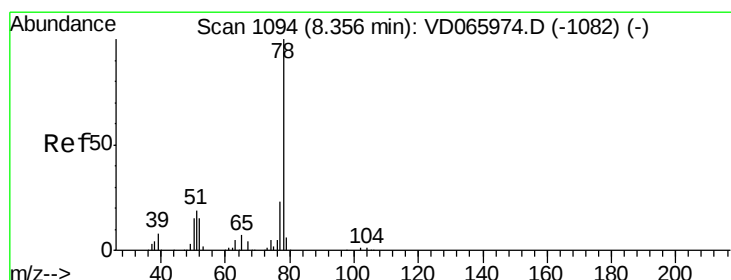
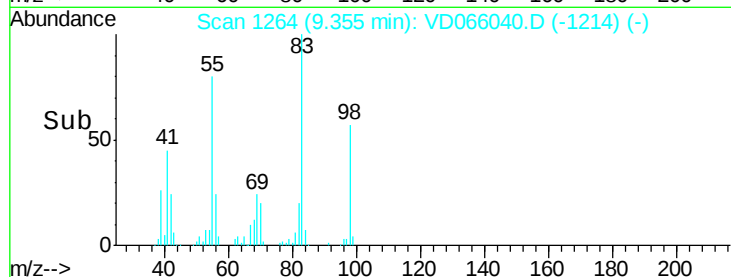
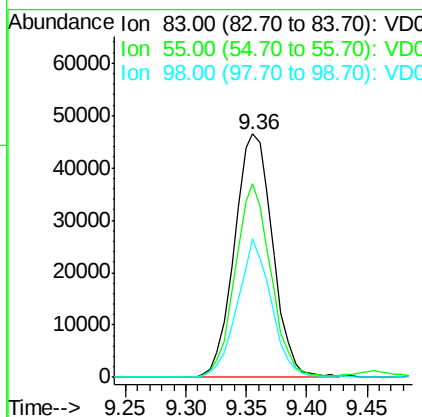
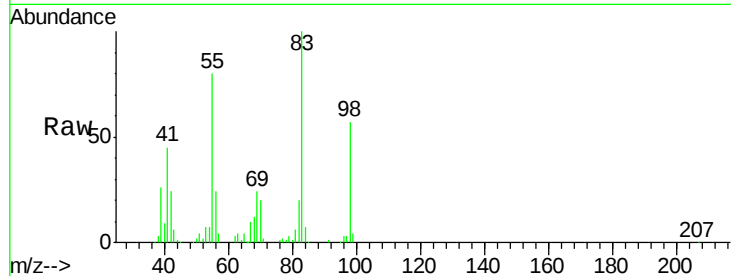
#39  
Methvlcvclohexane  
Concen: 23.067 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. -0.01 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 79.6  | 57.3  | 85.9  |
| 98      | 56.8  | 41.0  | 61.6  |

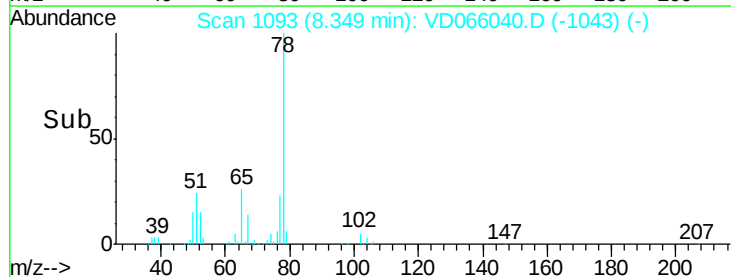
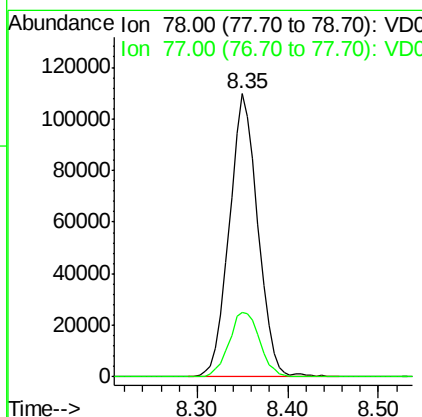
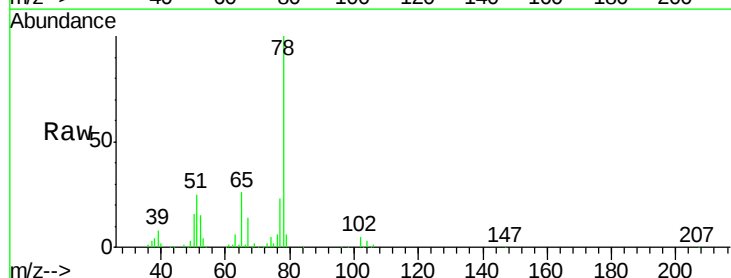
Manual Integrations  
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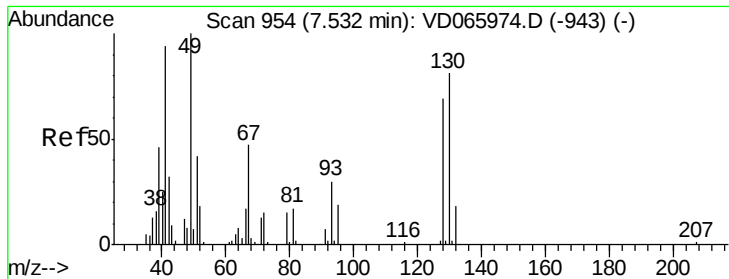
MMDadoda  
7/27/2020 12:03:46 PM



#40  
Benzene  
Concen: 23.411 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. -0.01 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.0  | 18.6  | 27.8  |





#41

Methacrylonitrile

Concen: 17.537 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0724SBS01

Tot Ion: 41 Resp: 14076

Ion Ratio Lower Upper

41 100

39 89.9 0.0 0.0#

67 99.8 0.0 0.0#

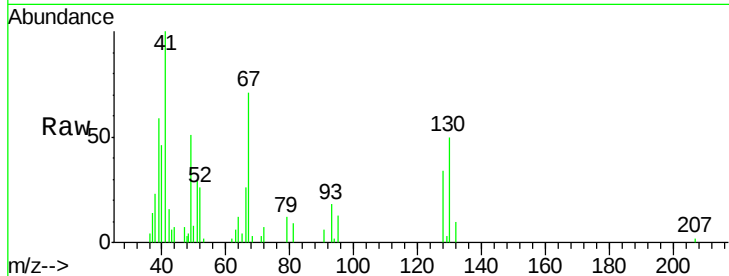
52 40.3 0.0 0.0#

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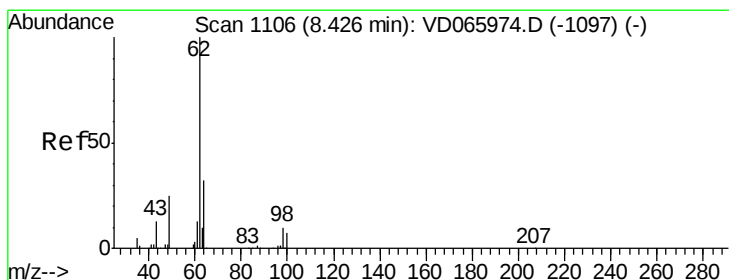
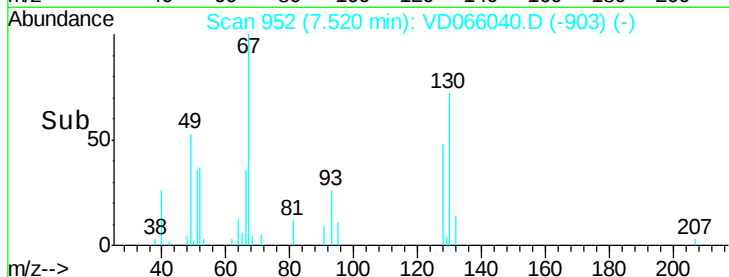
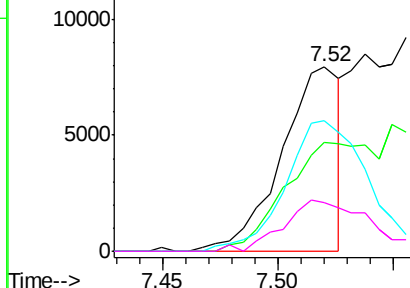


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 23.330 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD066040.D

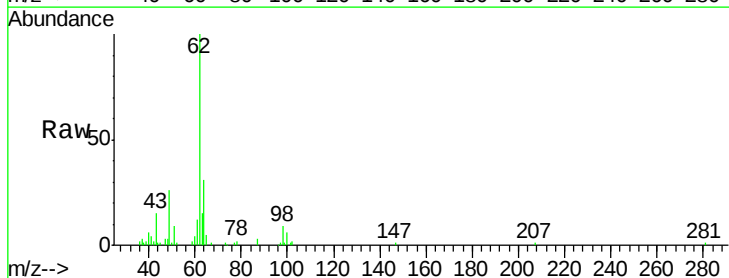
Acq: 24 Jul 2020 12:00

Tgt Ion: 62 Resp: 65620

Ion Ratio Lower Upper

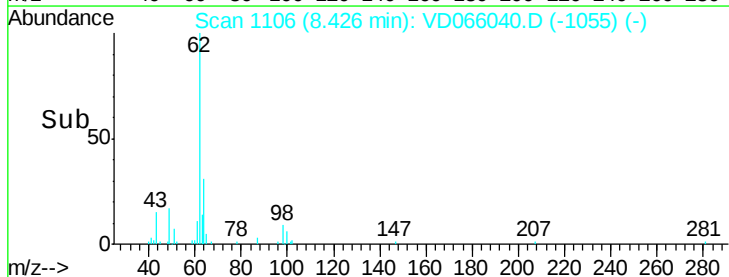
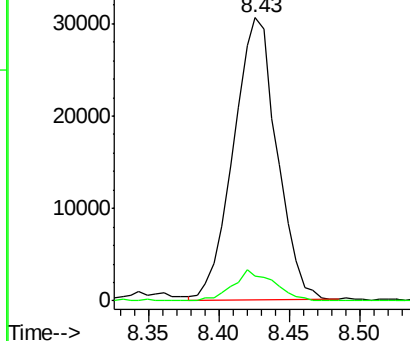
62 100

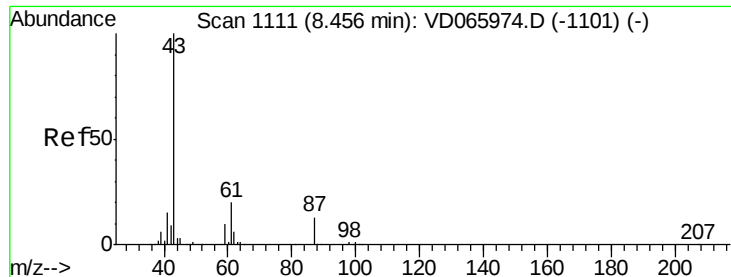
98 10.3 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





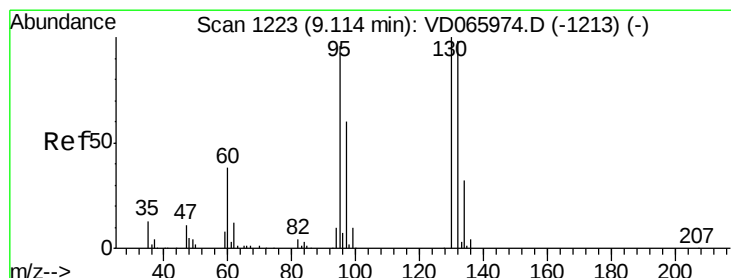
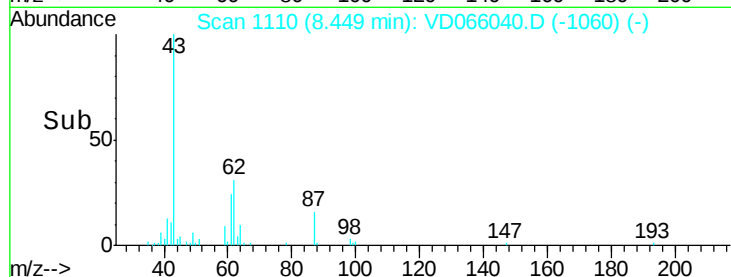
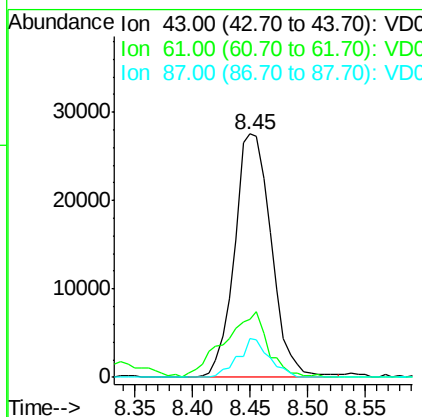
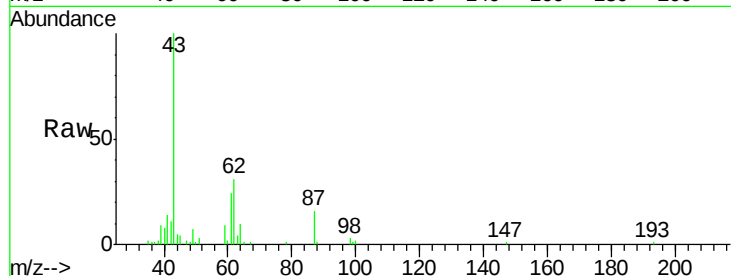
#43  
Isopropyl Acetate  
Concen: 22.292 ug/l  
RT: 8.45 min Scan# 1110  
Delta R.T. -0.01 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 32.0  | 25.8  | 38.8  |
| 87      | 13.5  | 10.9  | 16.3  |

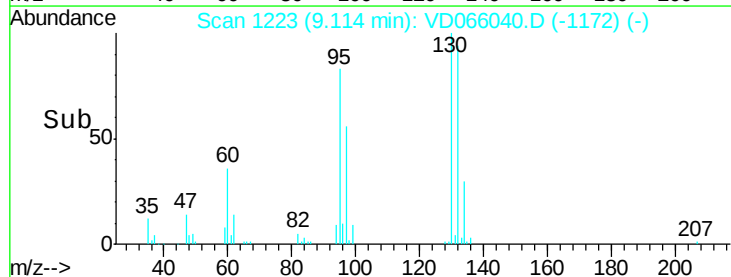
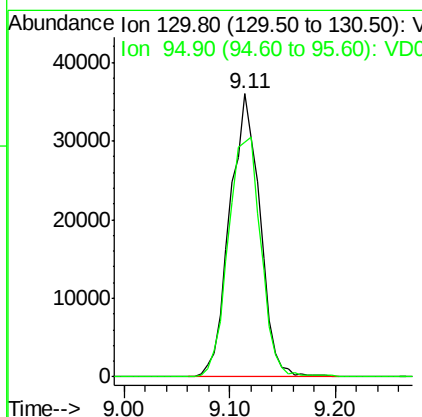
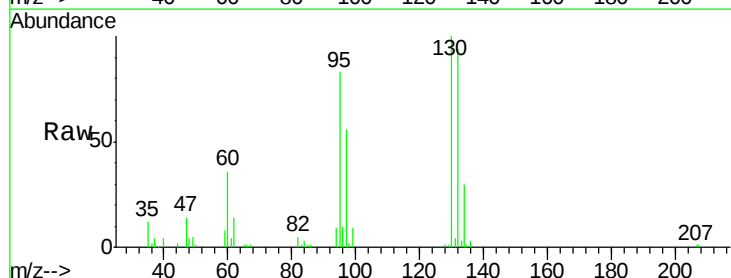
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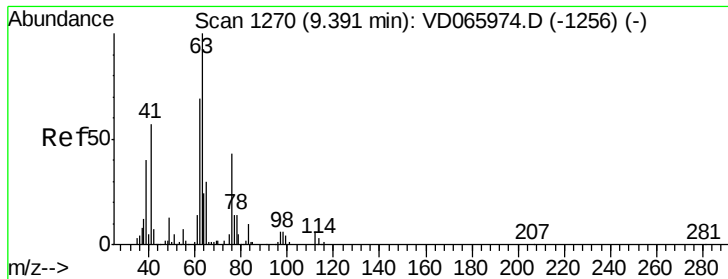
MMDadoda  
7/27/2020 12:03:46 PM



#44  
Trichloroethene  
Concen: 22.939 ug/l  
RT: 9.11 min Scan# 1223  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 83.1  | 0.0   | 191.6 |





#45

1,2-Dichloropropane

Concen: 23.784 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0724SBS01

Tot Ion: 63 Resp: 59126

Ion Ratio Lower Upper

63 100

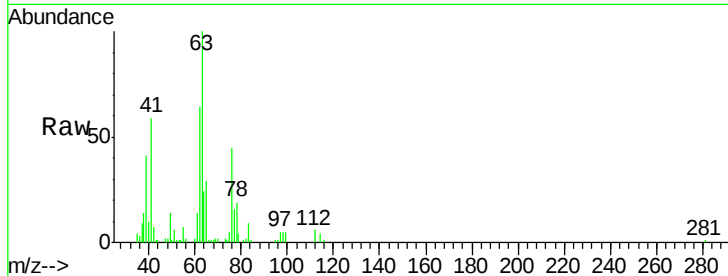
65 29.4 24.0 36.0

Manual Integrations

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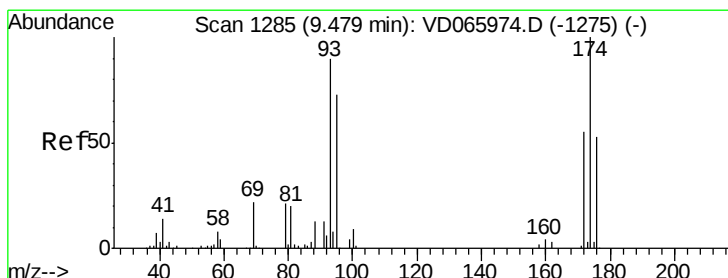
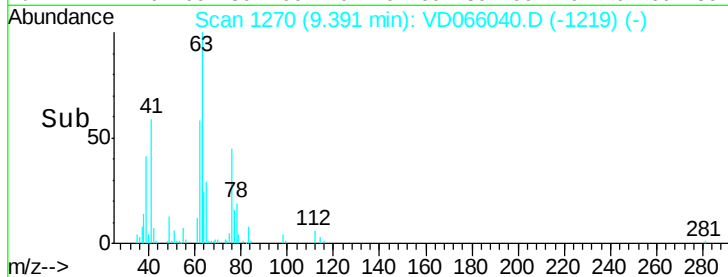
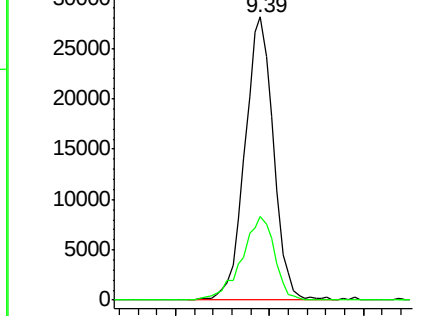
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 23.551 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

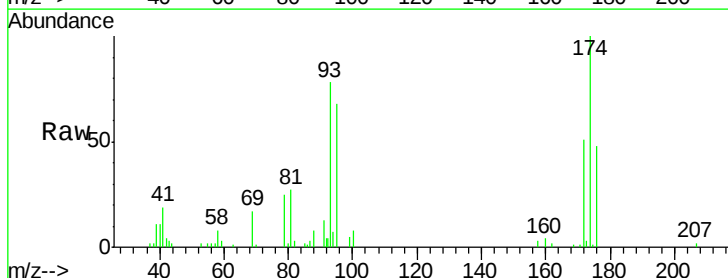
Tgt Ion: 93 Resp: 31517

Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

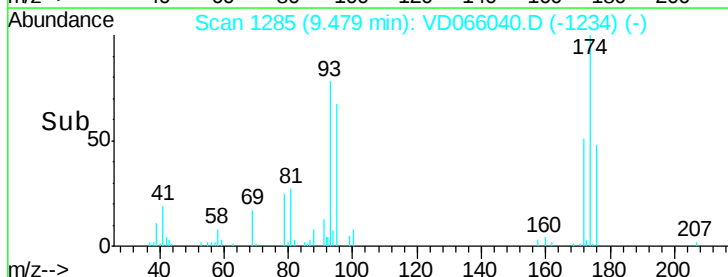
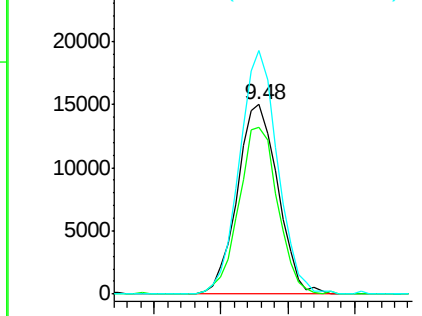
174 121.3 91.5 137.3

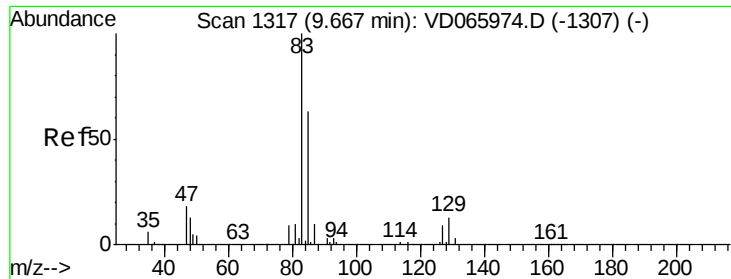


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 23.549 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

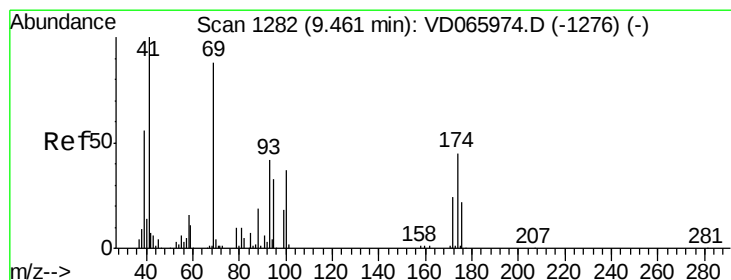
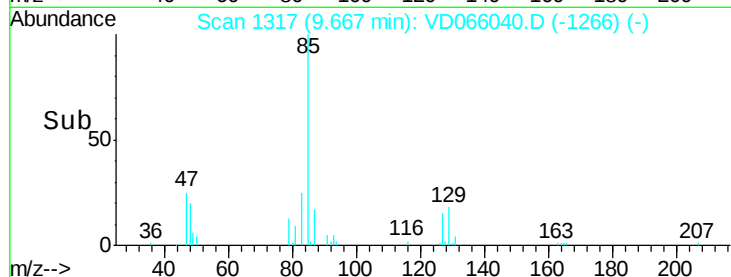
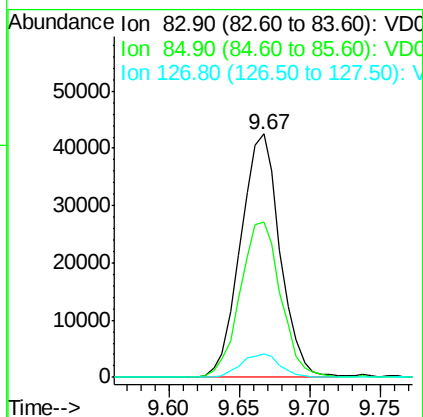
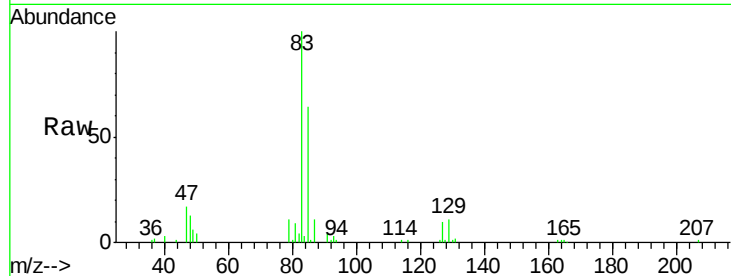
ClientSampleId :

VD0724SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 83327 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.6  | 50.6  | 75.8  |
| 127      | 9.5   | 7.1   | 10.7  |

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#48

Methyl methacrylate

Concen: 20.987 ug/l

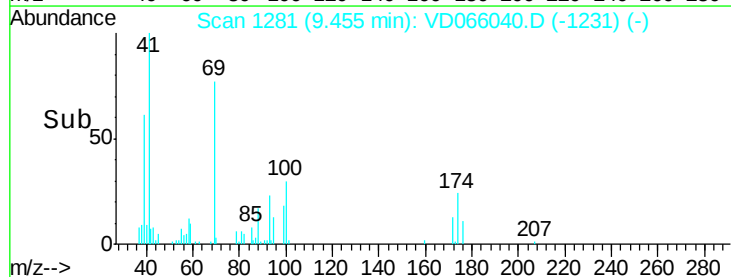
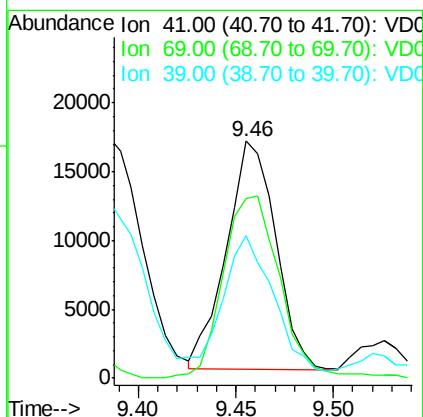
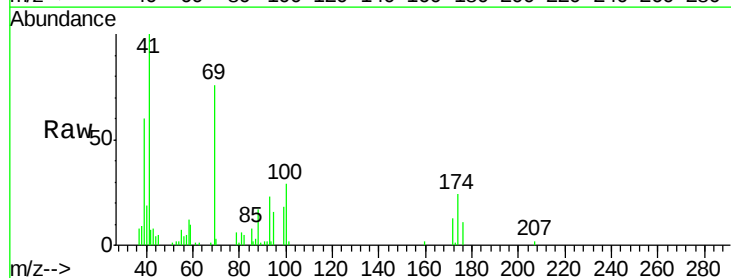
RT: 9.46 min Scan# 1281

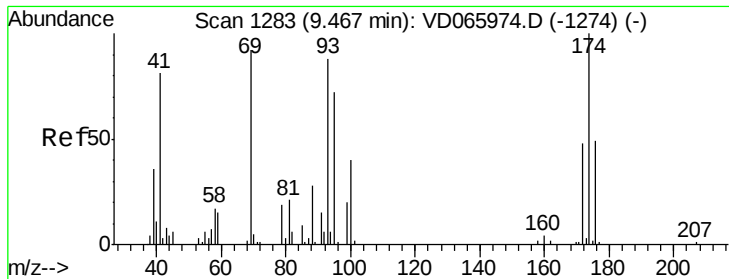
Delta R.T. -0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 28971 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 91.8  | 65.1  | 97.7  |
| 39       | 57.7  | 41.5  | 62.3  |





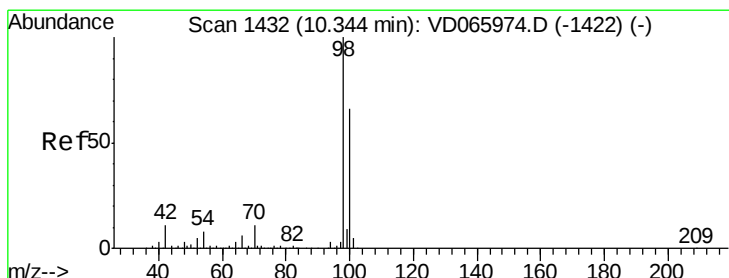
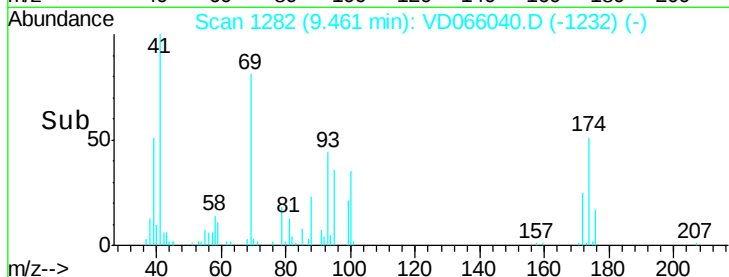
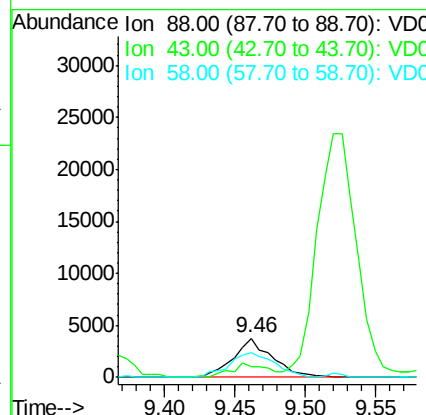
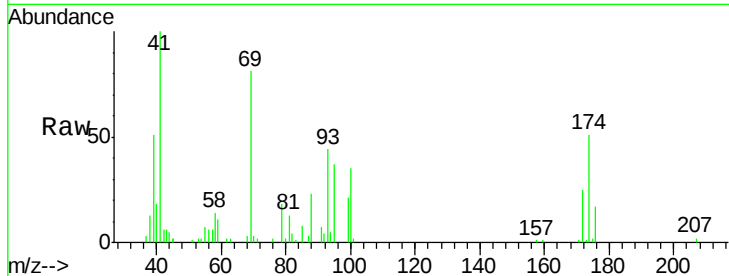
#49  
1,4-Dioxane  
Concen: 464.387 ug/l  
RT: 9.46 min Scan# 1282  
Delta R.T. -0.01 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 35.6  | 29.0  | 43.6  |
| 58      | 73.4  | 57.0  | 85.4  |

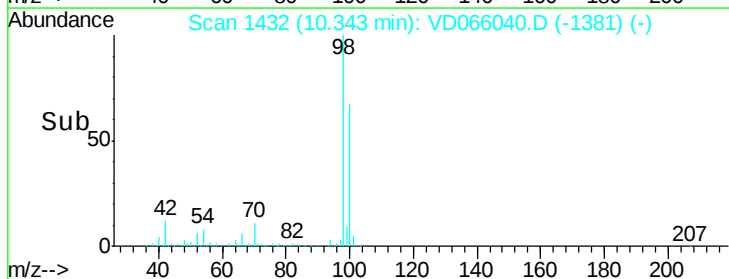
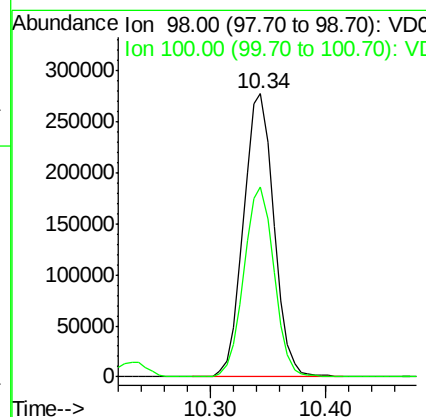
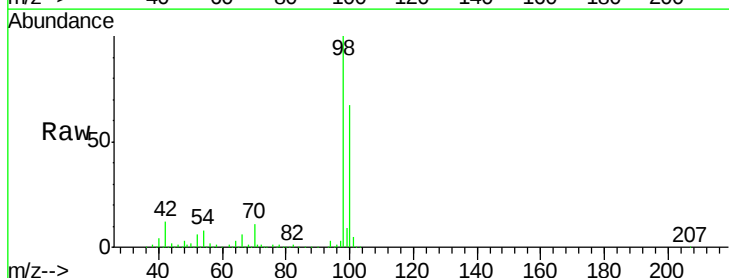
Manual Integrations  
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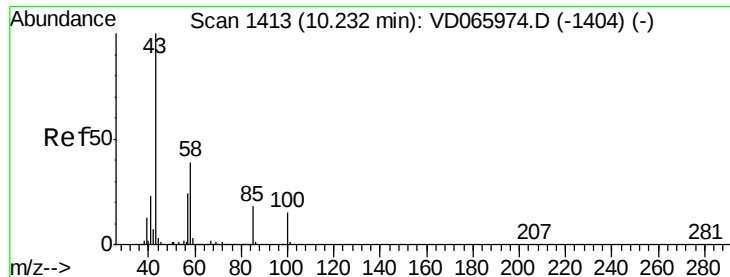
MMDadoda  
7/27/2020 12:03:46 PM



#50  
Toluene-d8  
Concen: 52.304 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.7  | 52.7  | 79.1  |





#51

4-Methyl-2-Pentanone

Concen: 113.223 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0724SBS01

Tot Ion: 43 Resp: 156119

Ion Ratio Lower Upper

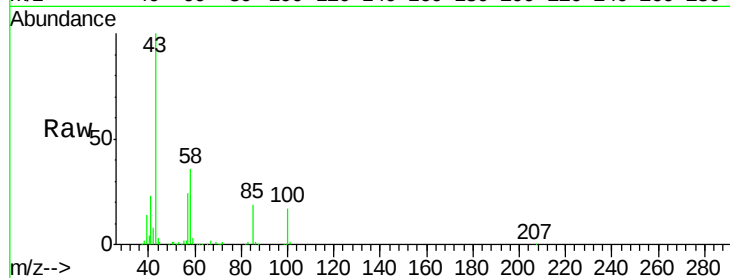
43 100

58 38.7 31.3 46.9

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

80000

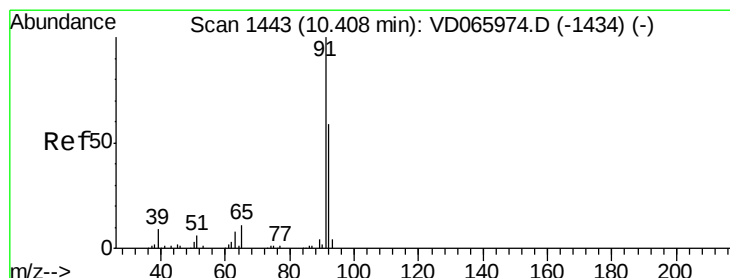
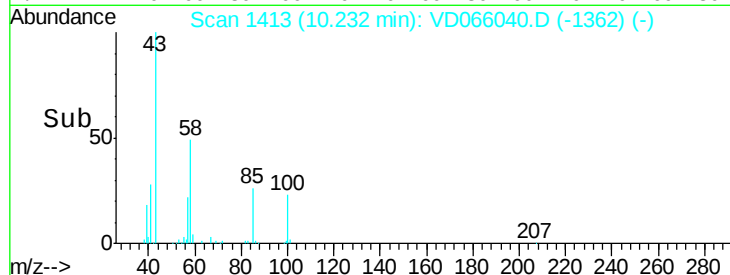
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 24.215 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD066040.D

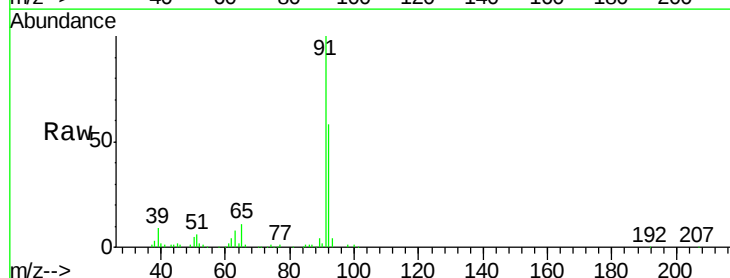
Acq: 24 Jul 2020 12:00

Tgt Ion: 92 Resp: 162090

Ion Ratio Lower Upper

92 100

91 171.3 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

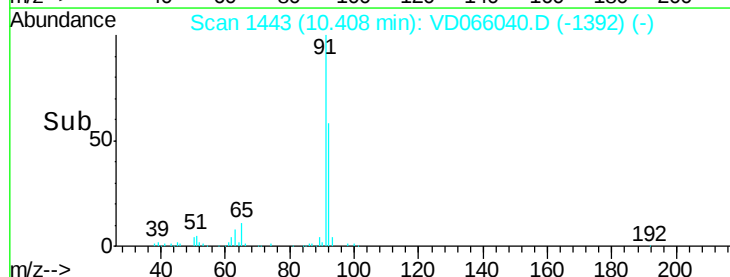
150000

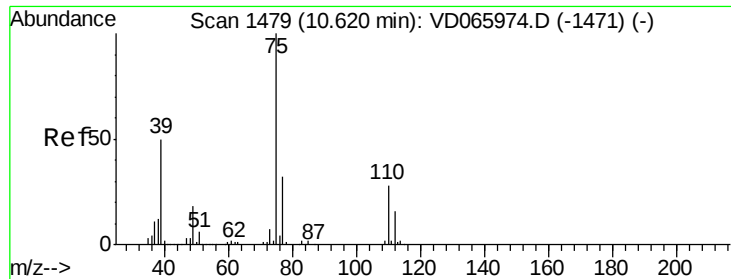
100000

50000

0

Time-->





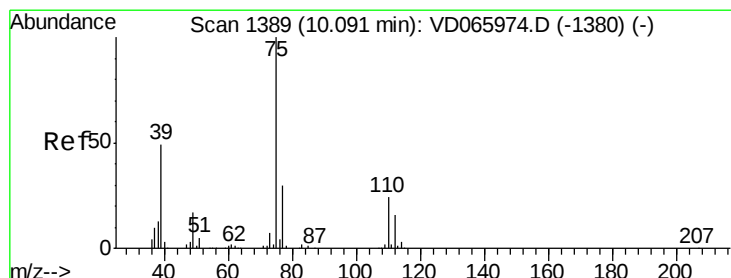
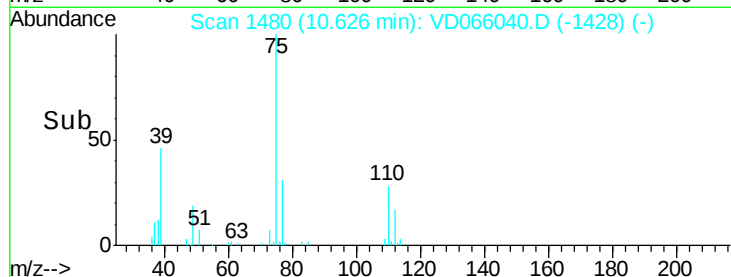
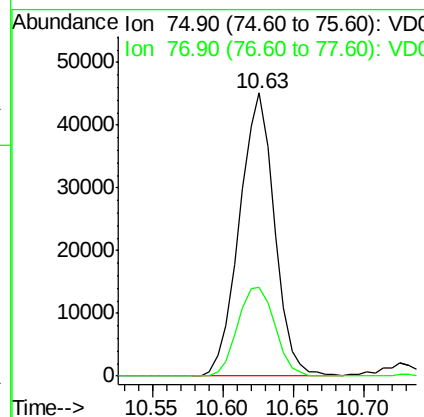
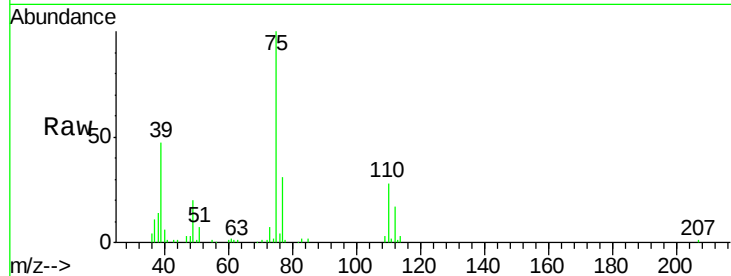
#53  
t-1,3-Dichloropropene  
Concen: 23.840 ug/l  
RT: 10.63 min Scan# 1480  
Delta R.T. 0.01 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

Tot Ion: 75 Resp: 78590  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.8 38.6

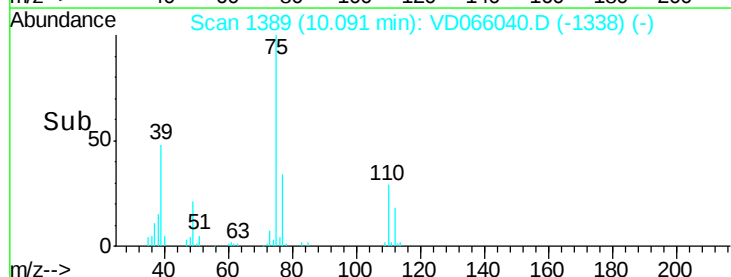
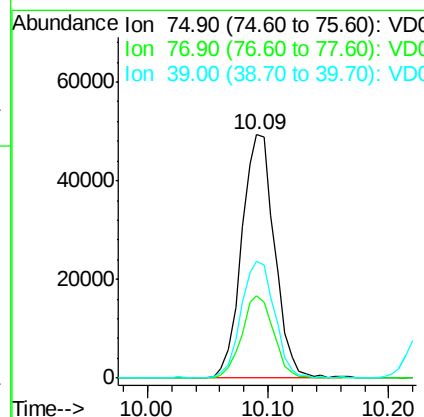
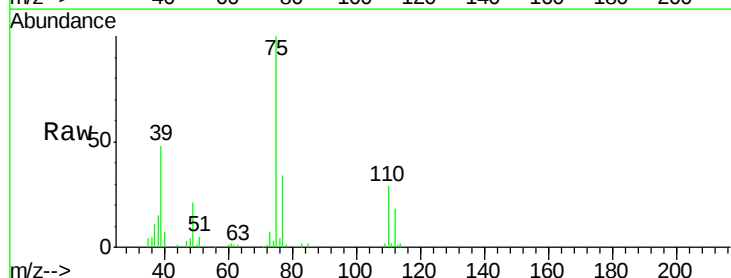
Manual Integrations  
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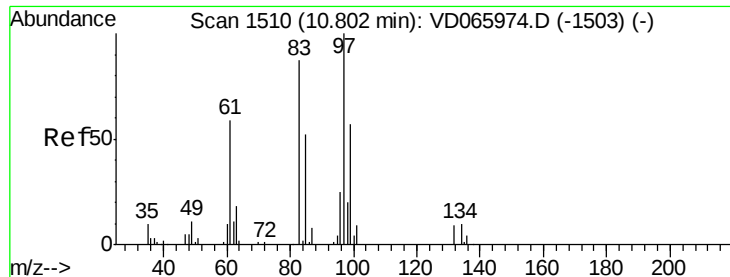
MMDadoda  
7/27/2020 12:03:46 PM



#54  
cis-1,3-Dichloropropene  
Concen: 23.510 ug/l  
RT: 10.09 min Scan# 1389  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Tgt Ion: 75 Resp: 93949  
Ion Ratio Lower Upper  
75 100  
77 33.8 23.8 35.8  
39 47.8 38.8 58.2





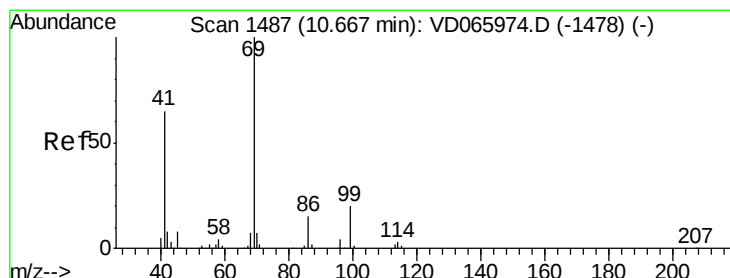
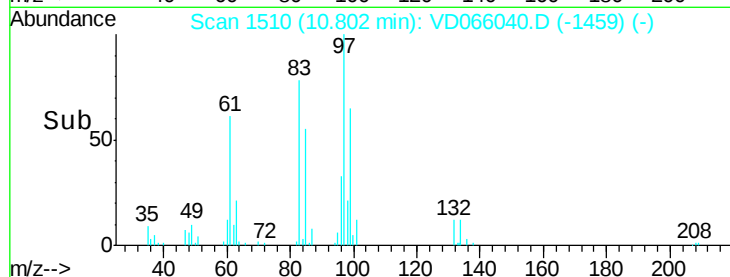
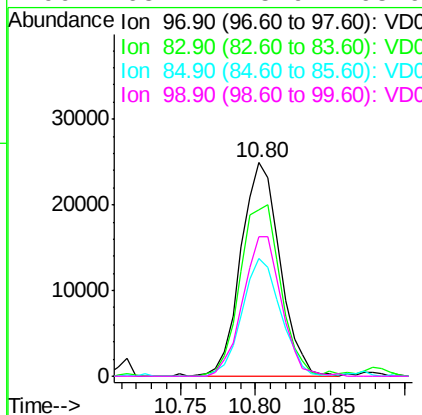
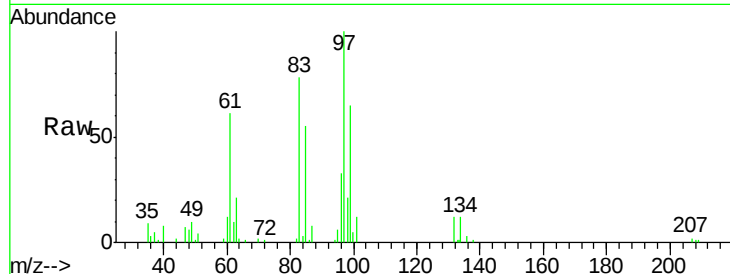
#55  
 1,1,2-Trichloroethane  
 Concen: 23.872 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 77.9  | 69.7  | 104.5 |
| 85      | 55.3  | 41.6  | 62.4  |
| 99      | 65.2  | 45.9  | 68.9  |

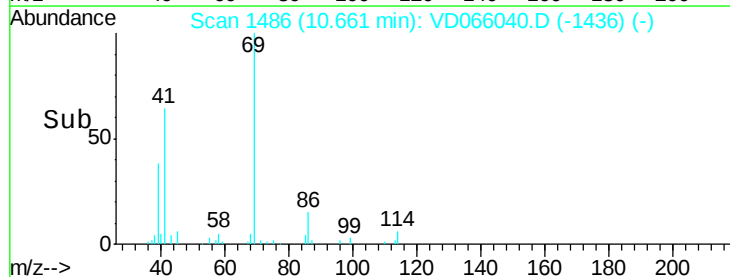
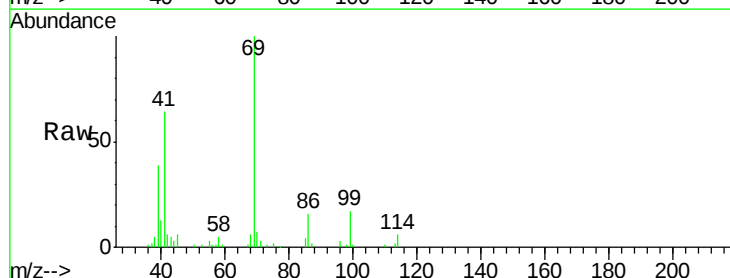
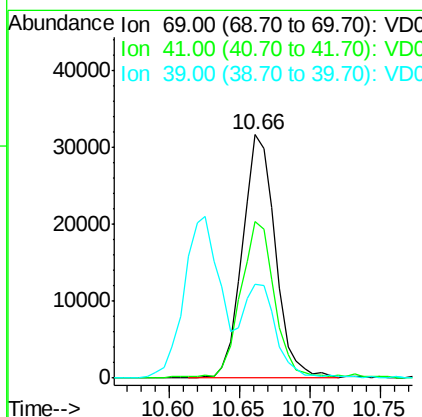
Manual Integrations  
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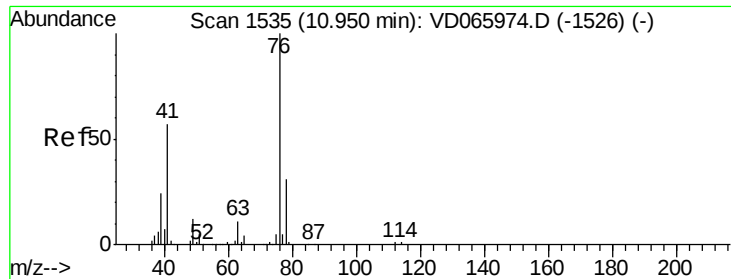
MMDadoda  
 7/27/2020 12:03:46 PM



#56  
 Ethyl methacrylate  
 Concen: 23.448 ug/l  
 RT: 10.66 min Scan# 1486  
 Delta R.T. -0.01 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 66.6  | 52.3  | 78.5  |
| 39      | 33.6  | 25.2  | 37.8  |





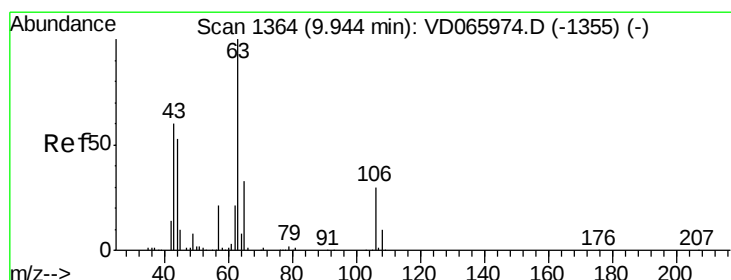
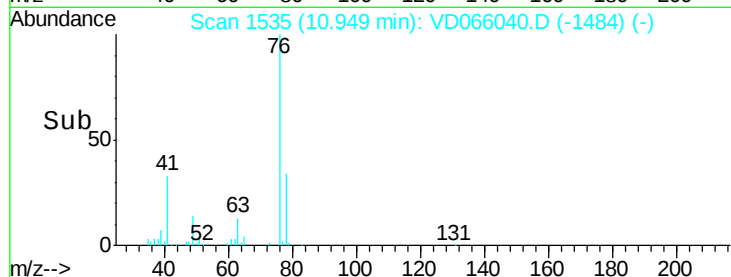
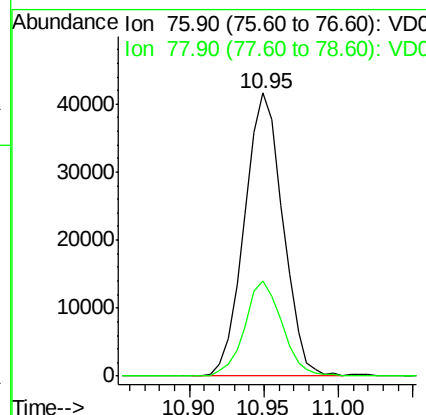
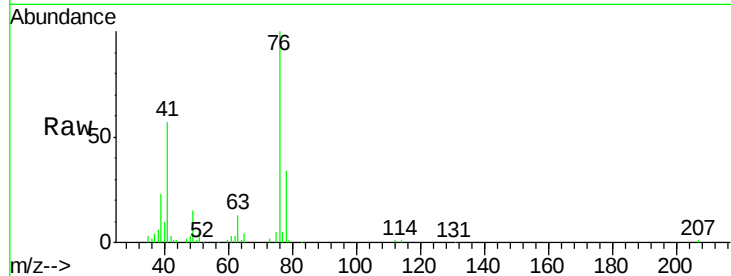
#57  
 1,3-Dichloropropane  
 Concen: 23.637 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0724SBS01

Tot Ion: 76 Resp: 74268  
 Ion Ratio Lower Upper  
 76 100  
 78 32.6 25.6 38.4

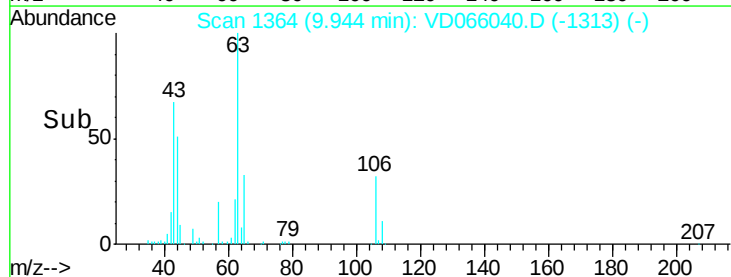
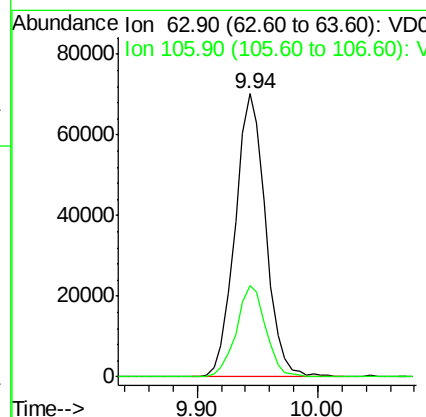
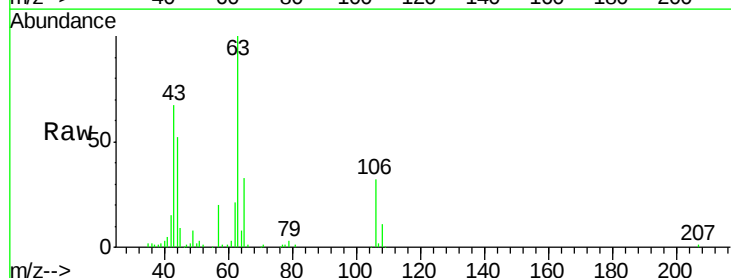
Manual Integrations  
 APPROVED

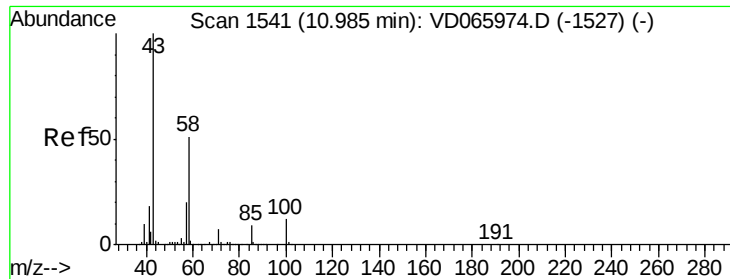
MMDadoda  
 7/27/2020 12:03:46 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 117.318 ug/l  
 RT: 9.94 min Scan# 1364  
 Delta R.T. -0.00 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

Tgt Ion: 63 Resp: 123670  
 Ion Ratio Lower Upper  
 63 100  
 106 31.2 24.4 36.6





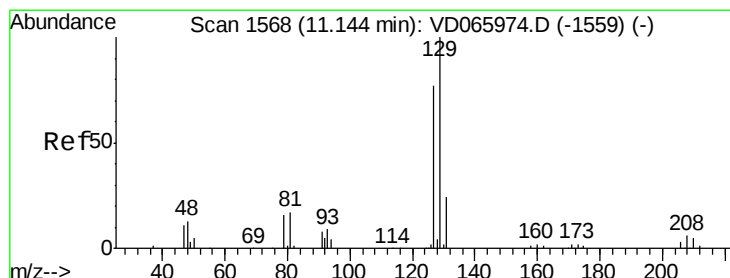
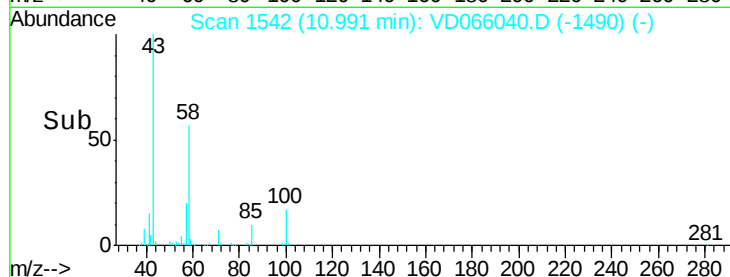
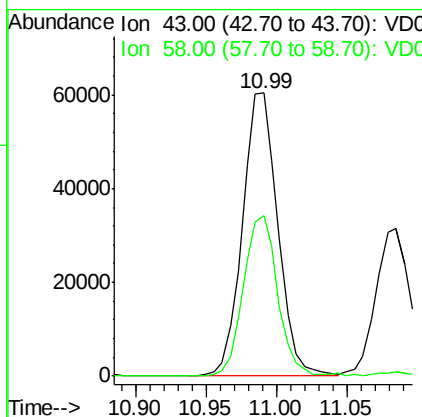
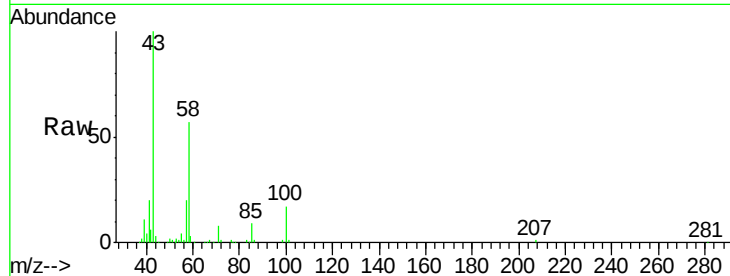
#59  
2-Hexanone  
Concen: 111.036 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.01 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

Tot Ion: 43 Resp: 106099  
Ion Ratio Lower Upper  
43 100  
58 54.7 26.2 78.6

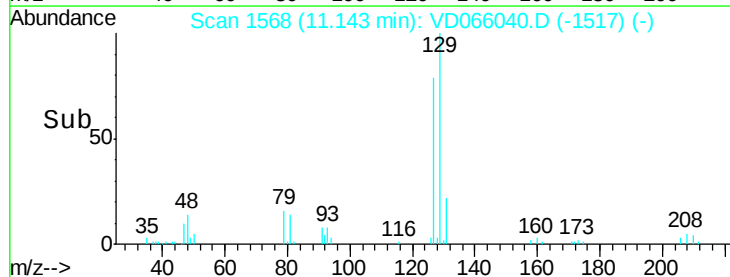
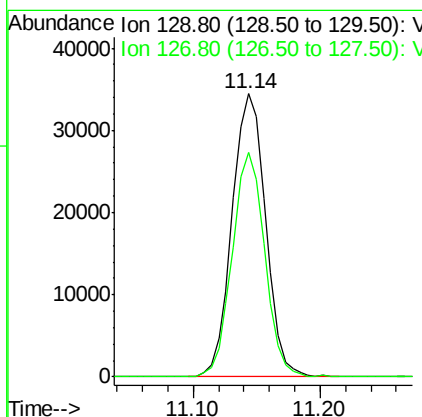
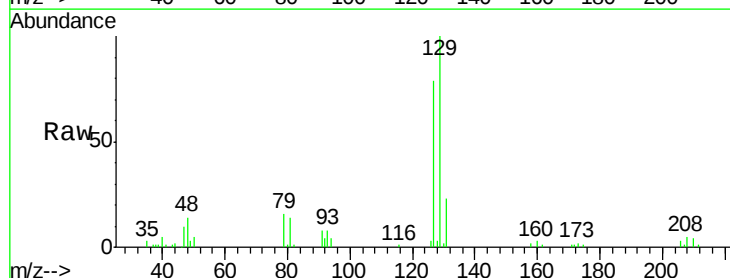
Manual Integrations  
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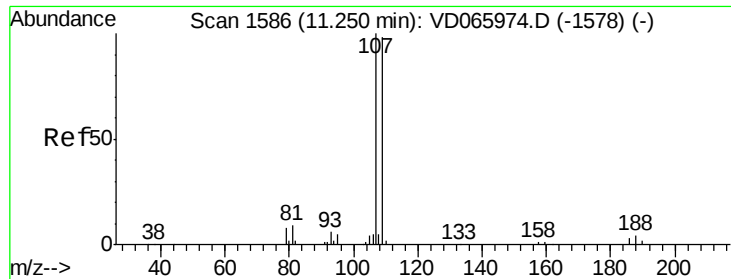
MMDadoda  
7/27/2020 12:03:46 PM



#60  
Dibromochloromethane  
Concen: 24.674 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Tgt Ion: 129 Resp: 63142  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.6 115.7





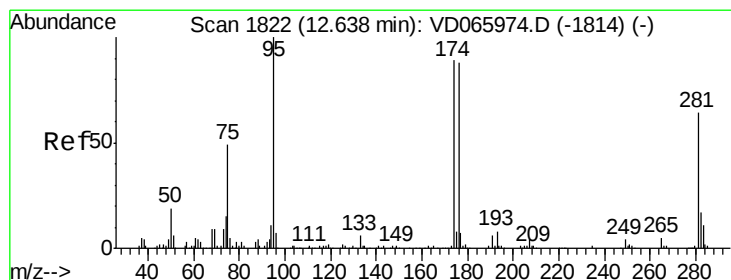
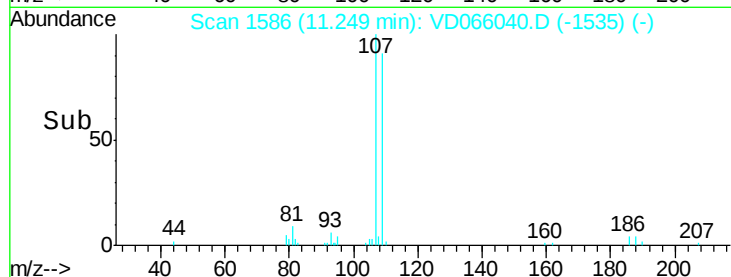
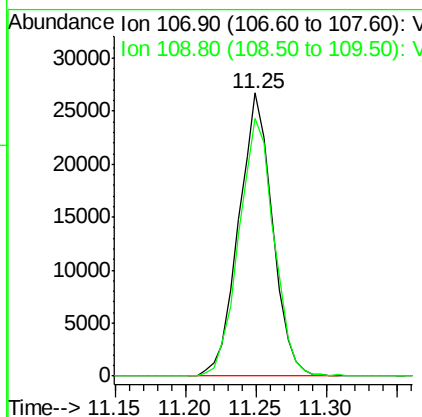
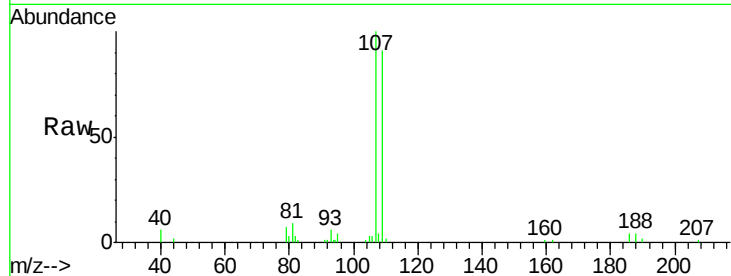
#61  
 1,2-Dibromoethane  
 Concen: 24.410 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. -0.00 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0724SBS01

Tot Ion: 107 Resp: 44670  
 Ion Ratio Lower Upper  
 107 100  
 109 94.7 75.0 112.4

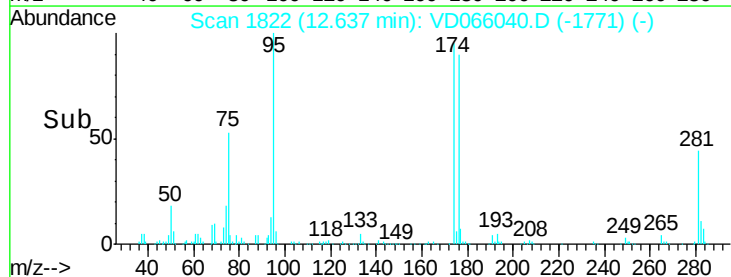
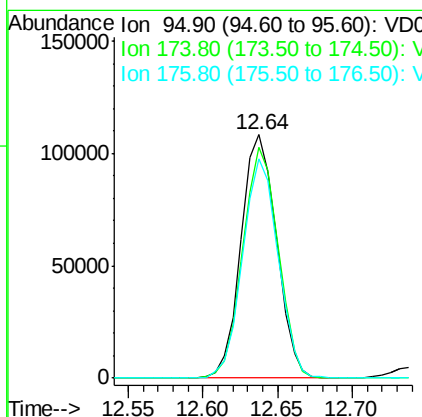
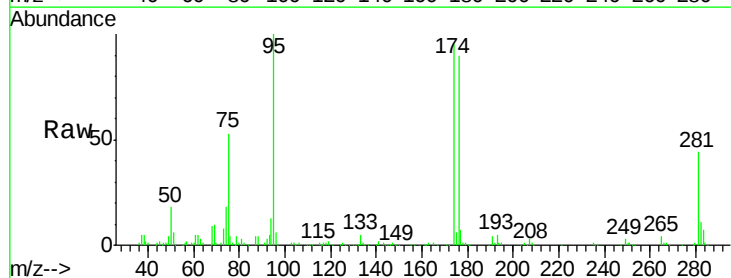
Manual Integrations  
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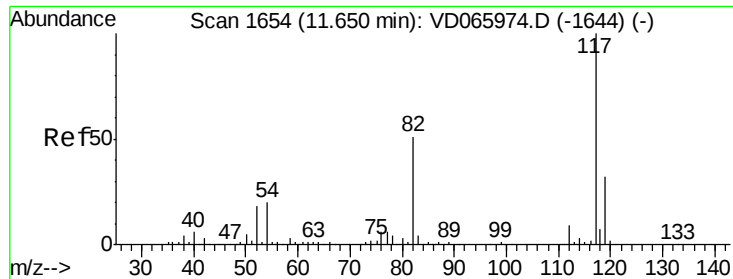
MMDadoda  
 7/27/2020 12:03:46 PM



#62  
 4-Bromofluorobenzene  
 Concen: 53.041 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. -0.00 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

Tgt Ion: 95 Resp: 178640  
 Ion Ratio Lower Upper  
 95 100  
 174 94.4 0.0 178.8  
 176 89.8 0.0 172.6





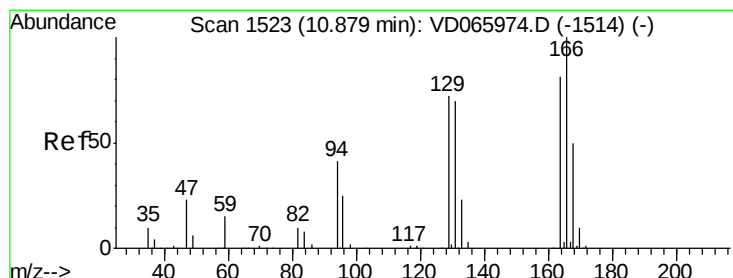
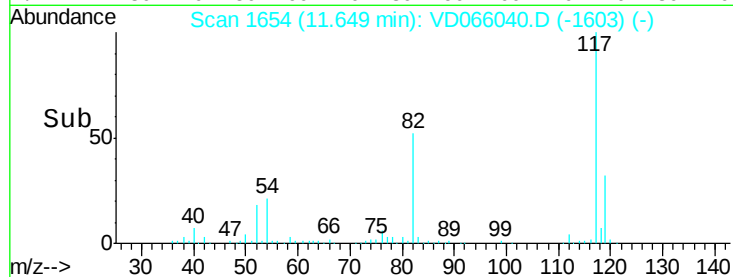
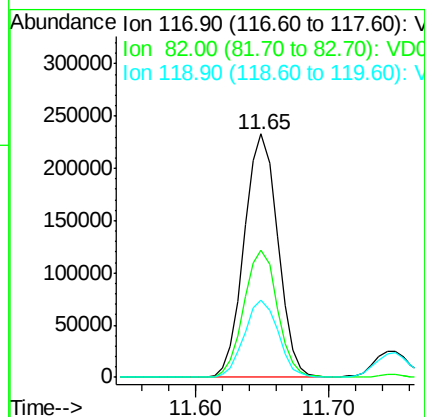
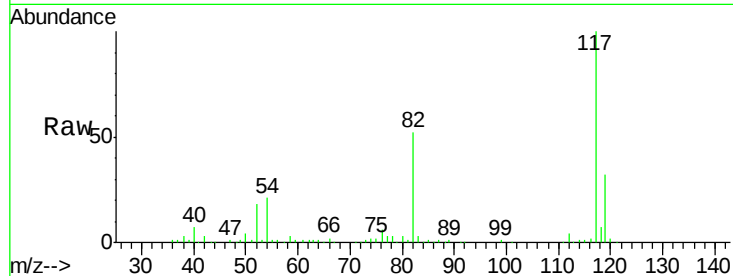
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 405889 |       |       |
| 82      | 52.1  |        | 41.1  | 61.7  |
| 119     | 31.8  |        | 25.9  | 38.9  |

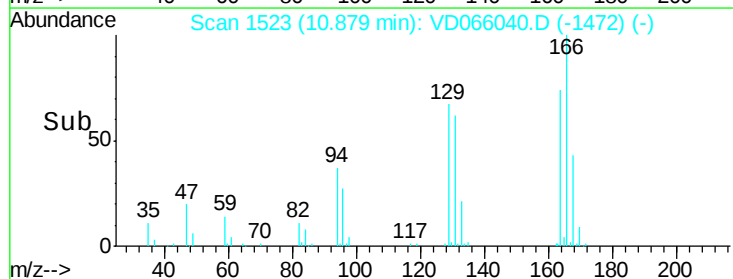
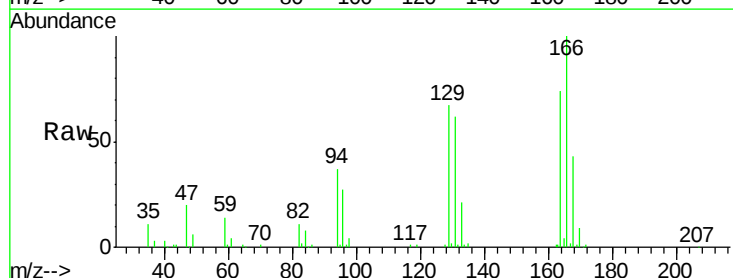
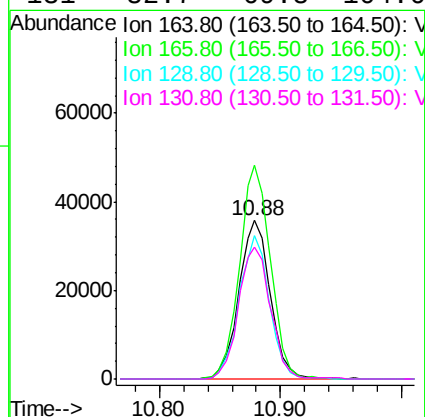
Manual Integrations  
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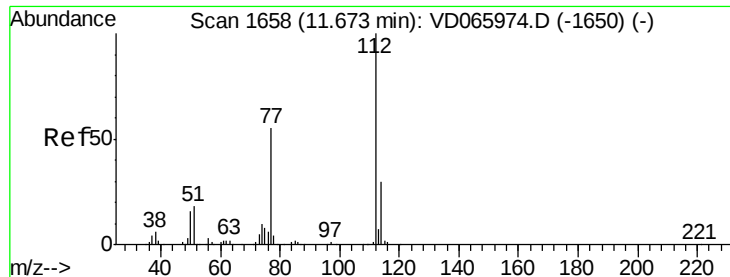
MMDadoda  
7/27/2020 12:03:46 PM



#64  
Tetrachloroethene  
Concen: 23.530 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 64822 |       |       |
| 166     | 134.8 |       | 99.1  | 148.7 |
| 129     | 90.6  |       | 71.5  | 107.3 |
| 131     | 82.7  |       | 69.8  | 104.6 |





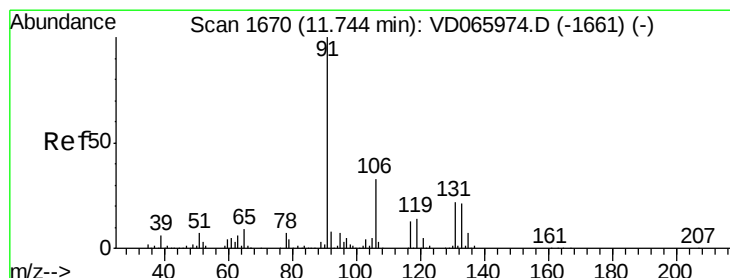
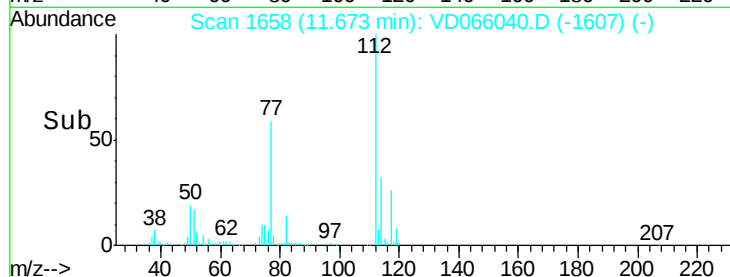
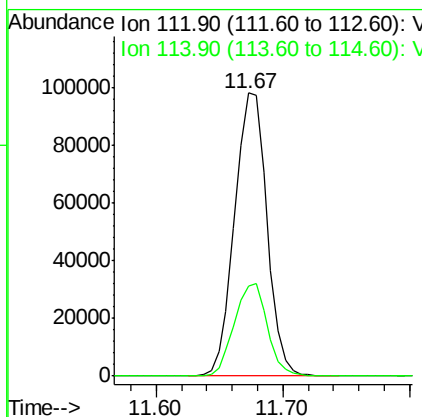
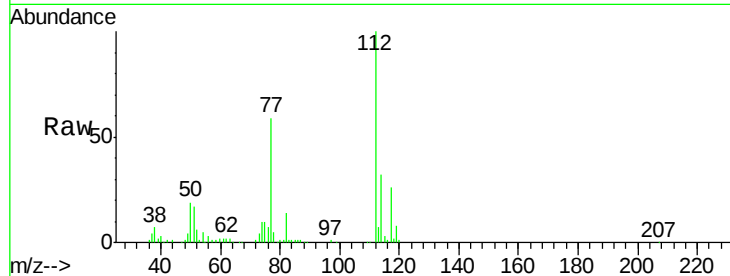
#65  
Chlorobenzene  
Concen: 23.396 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

Tot Ion:112 Resp: 173868  
Ion Ratio Lower Upper  
112 100  
114 31.9 24.4 36.6

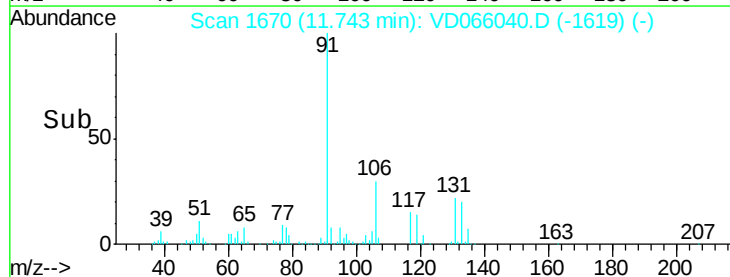
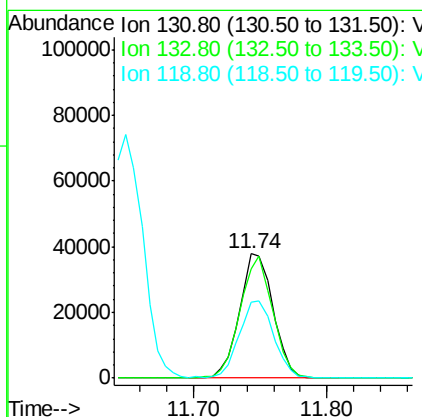
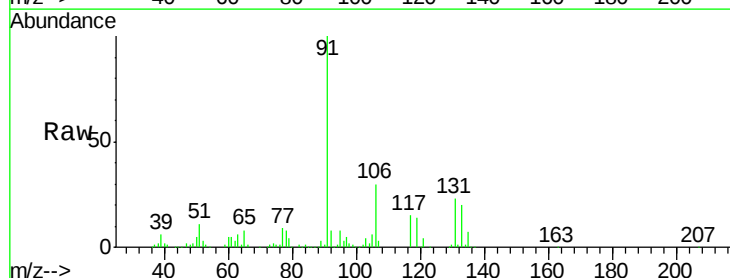
Manual Integrations  
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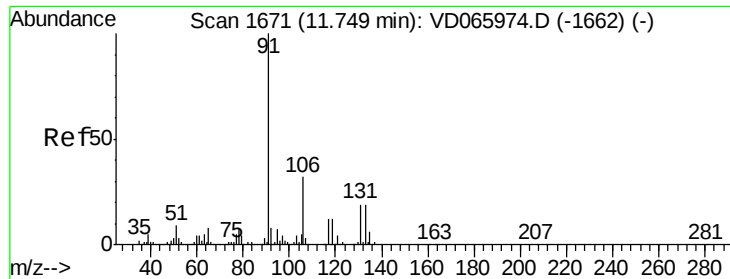
MMDadoda  
7/27/2020 12:03:46 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 23.938 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Tgt Ion:131 Resp: 65688  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.3 142.0  
119 63.9 31.7 95.1





#67

Ethyl Benzene

Concen: 23.716 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0724SBS01

Tot Ion: 91 Resp: 303309

Ion Ratio Lower Upper

91 100

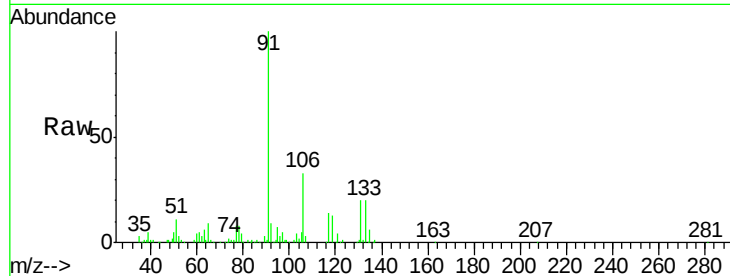
106 32.5 25.7 38.5

Manual Integrations

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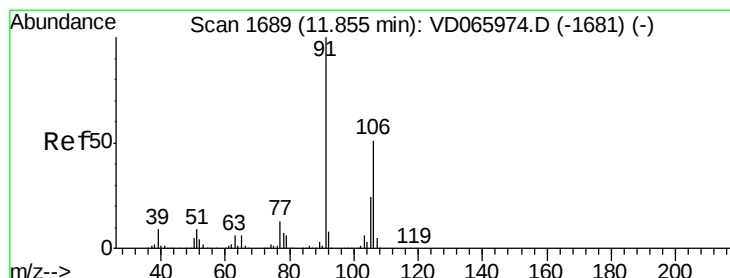
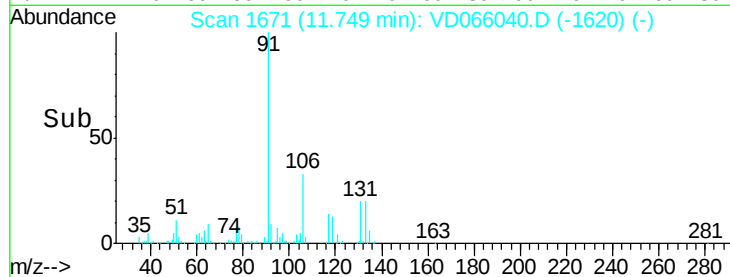
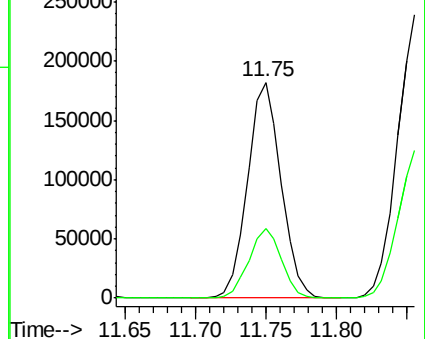
MMDadoda

7/27/2020 12:03:46 PM



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 49.200 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066040.D

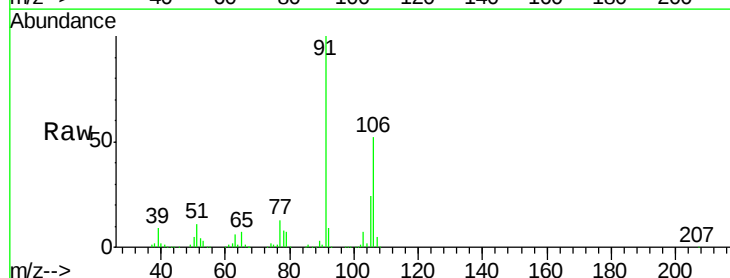
Acq: 24 Jul 2020 12:00

Tgt Ion: 106 Resp: 241851

Ion Ratio Lower Upper

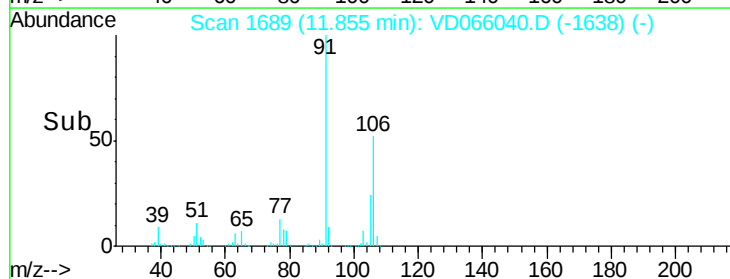
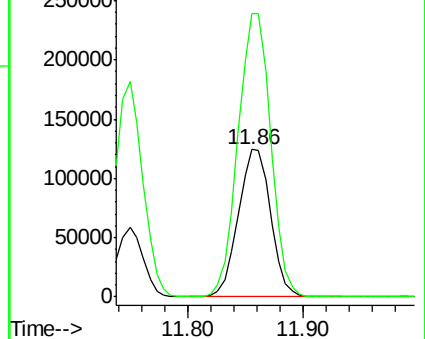
106 100

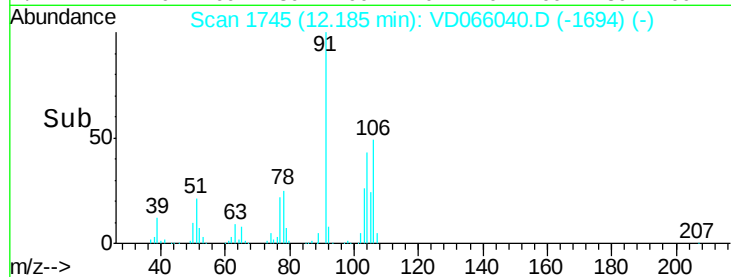
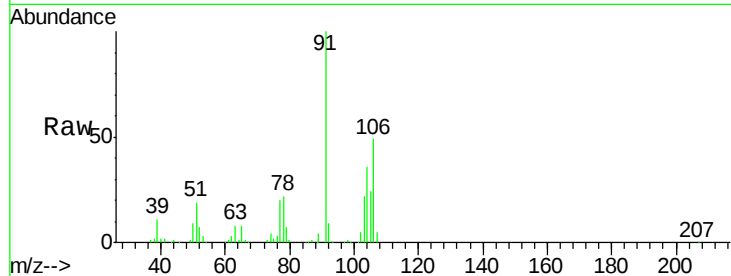
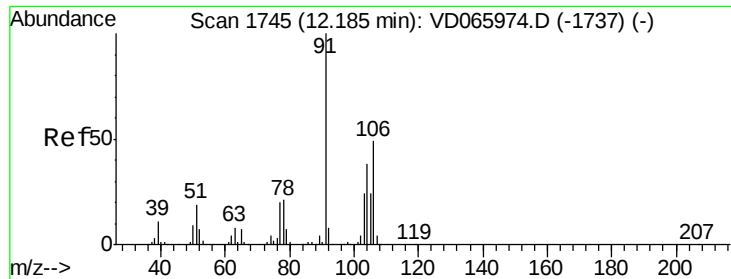
91 193.9 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V





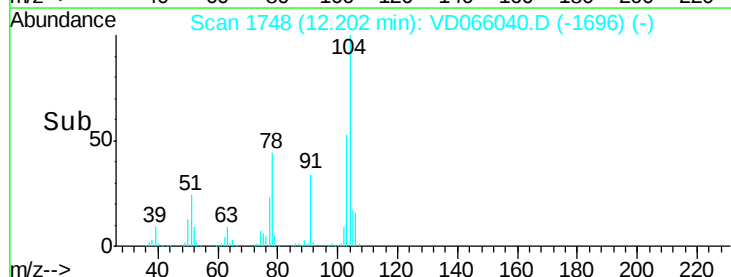
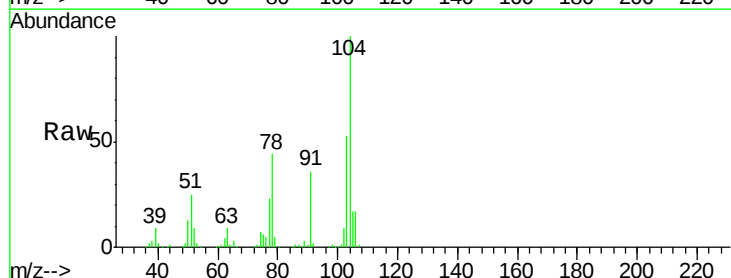
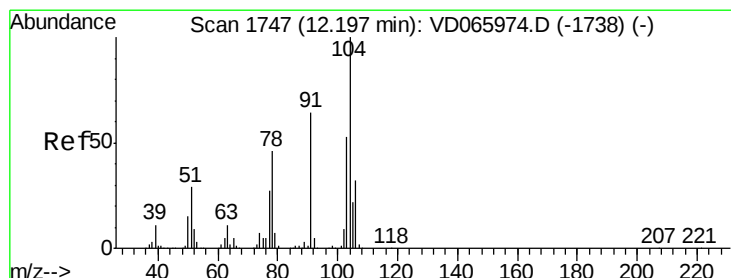
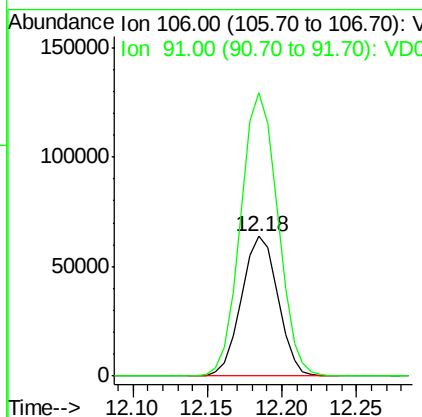
#69  
o-Xylene  
Concen: 24.205 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 108220 |       |       |
| 91      | 206.3 | 103.1  | 309.3 |       |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

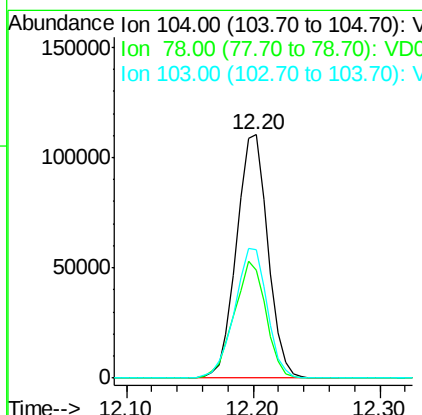
Manual Integrations  
APPROVED

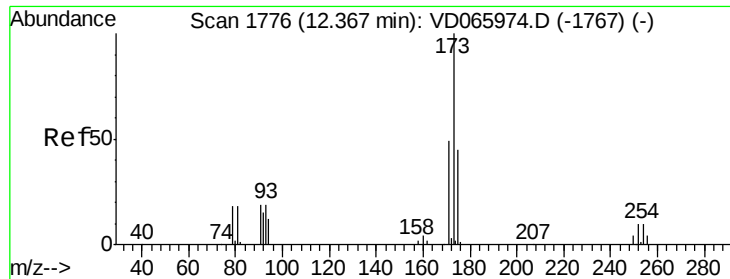
MMDadoda  
7/27/2020 12:03:46 PM



#70  
Styrene  
Concen: 24.657 ug/l  
RT: 12.20 min Scan# 1748  
Delta R.T. 0.01 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 189412 |       |       |
| 78      | 48.8  | 38.3   | 57.5  |       |
| 103     | 55.4  | 43.8   | 65.8  |       |





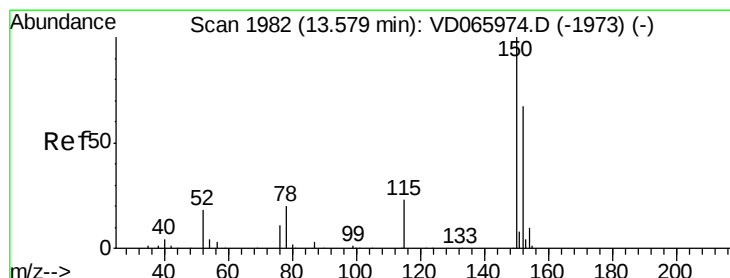
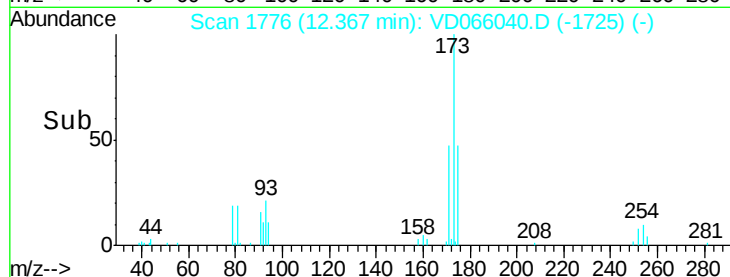
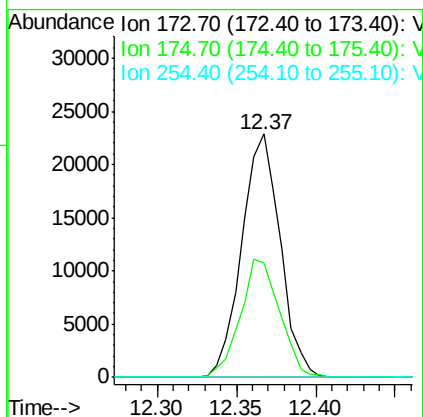
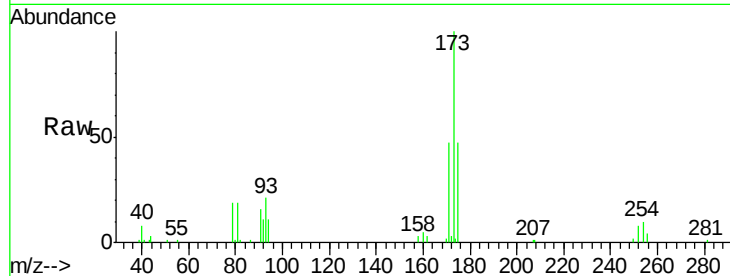
#71  
Bromoform  
Concen: 23.960 ug/l  
RT: 12.37 min Scan# 1776  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.6  | 24.1  | 72.3  |
| 254     | 0.0   | 0.0   | 0.0   |

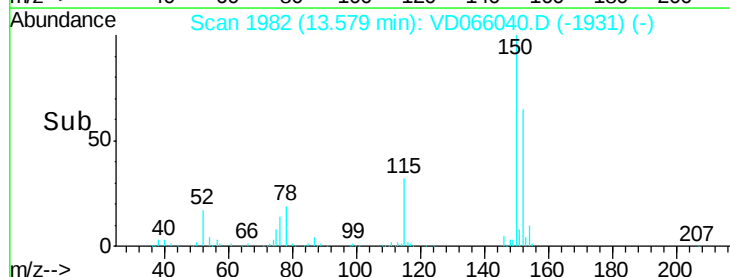
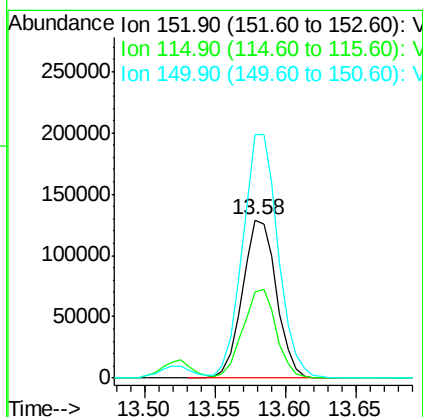
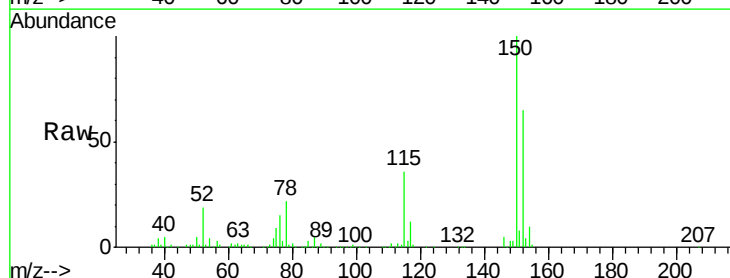
Manual Integrations  
APPROVED

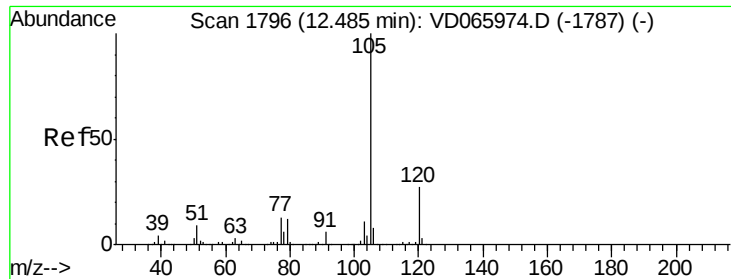
MMDadoda  
7/27/2020 12:03:46 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1982  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 55.4  | 27.9  | 83.7  |
| 150     | 161.7 | 0.0   | 348.2 |





#73

Isopropylbenzene

Concen: 22.968 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0724SBS01

Tot Ion: 105 Resp: 301204

Ion Ratio Lower Upper

105 100

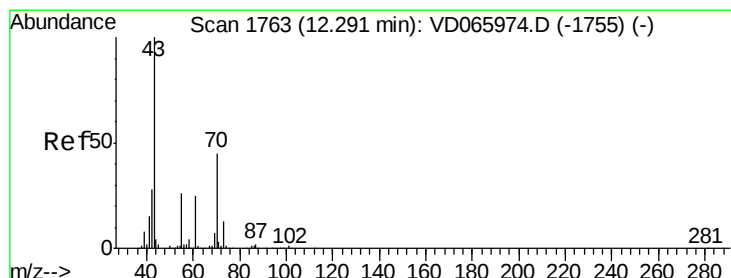
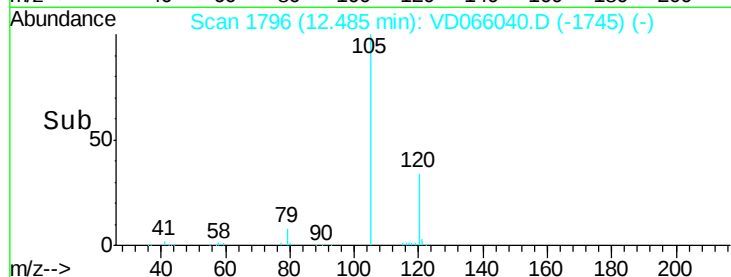
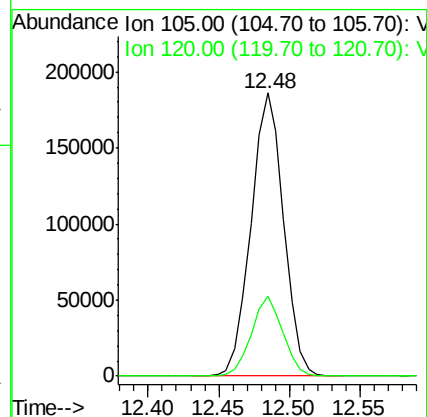
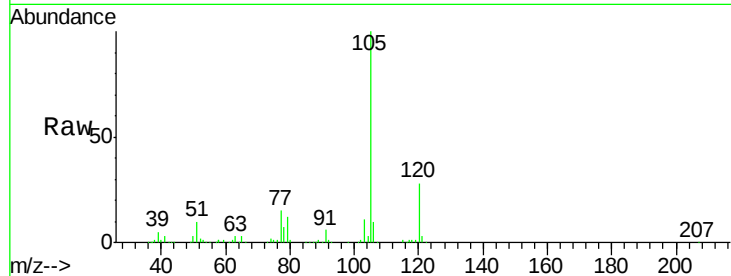
120 27.2 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.942 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Tgt Ion: 43 Resp: 56944

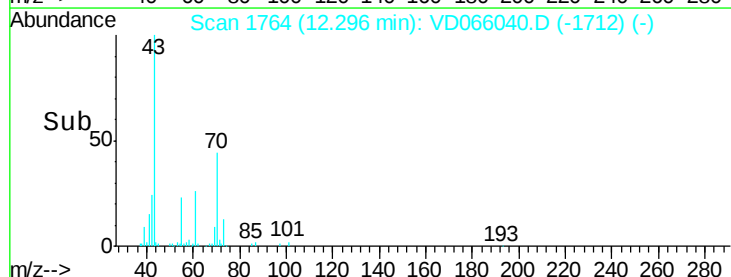
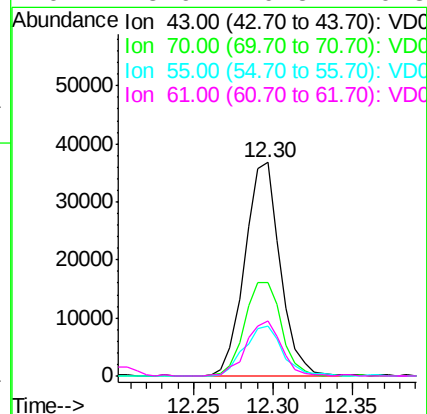
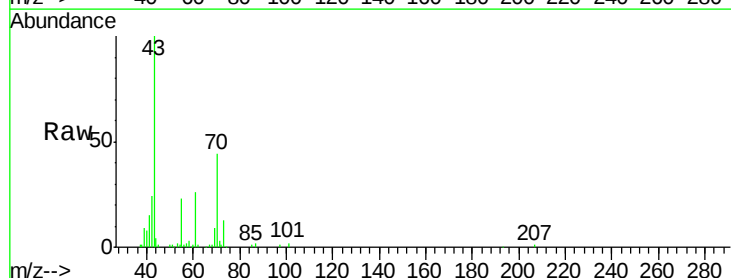
Ion Ratio Lower Upper

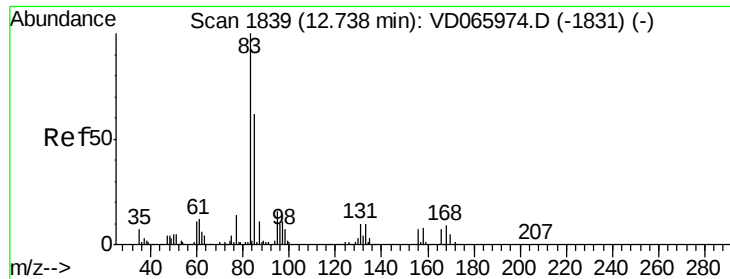
43 100

70 45.5 34.6 51.8

55 25.3 20.3 30.5

61 25.9 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 22.062 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

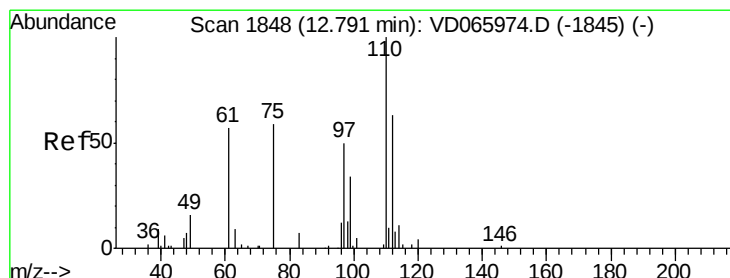
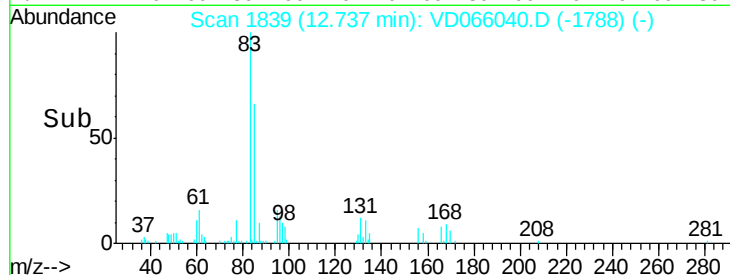
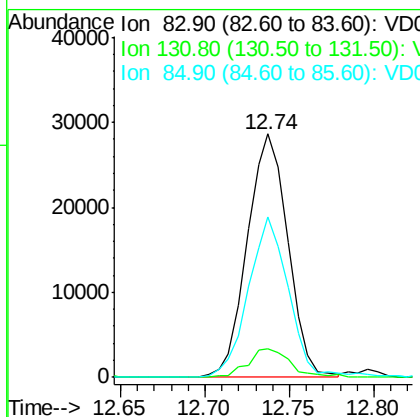
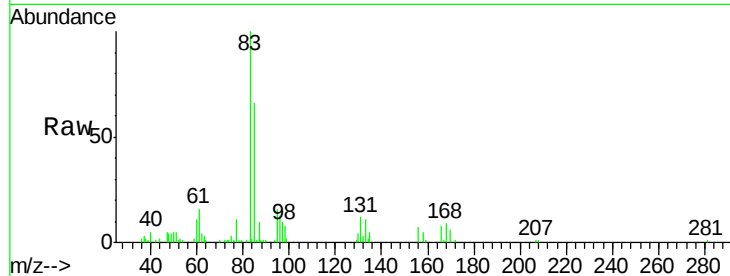
ClientSampleId :

VD0724SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 47815 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 12.3  | 5.7   | 17.1  |
| 85       | 65.0  | 31.9  | 95.5  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 18.221 ug/l m

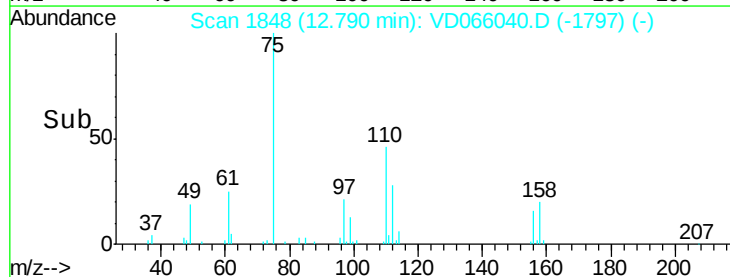
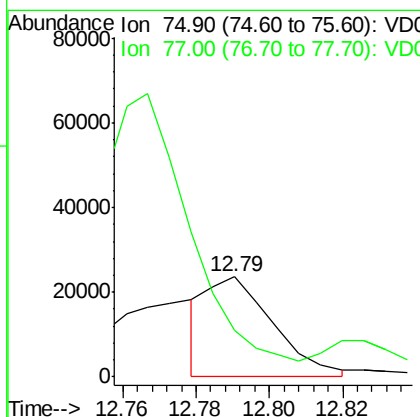
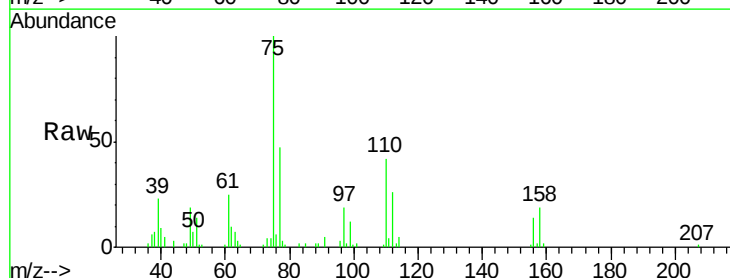
RT: 12.79 min Scan# 1848

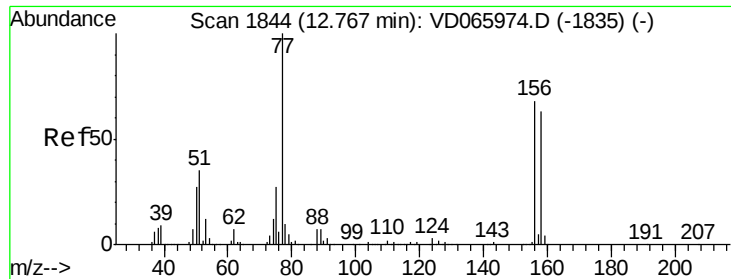
Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 29733 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 23.172 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0724SBS01

Tot Ion:156 Resp: 77662

Ion Ratio Lower Upper

156 100

77 158.3 83.0 249.0

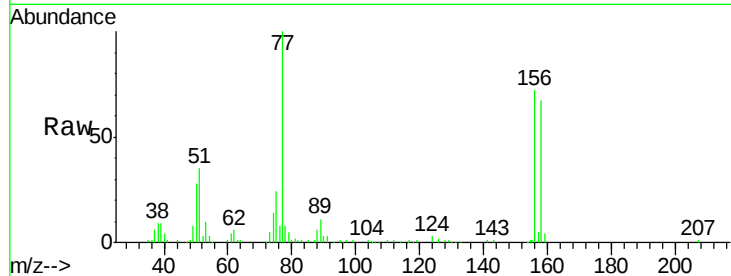
158 96.3 48.2 144.6

Manual Integrations

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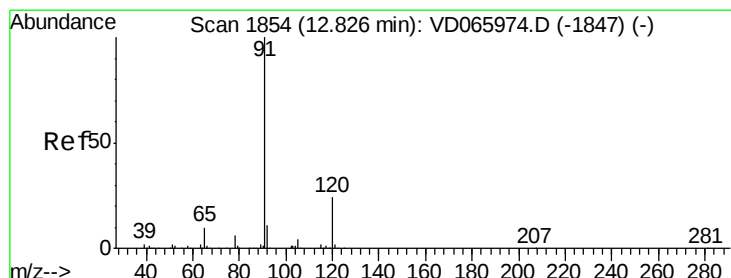
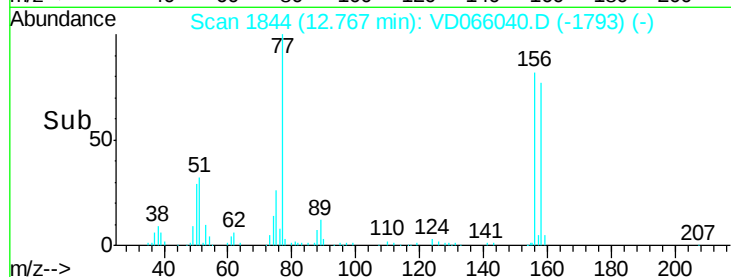
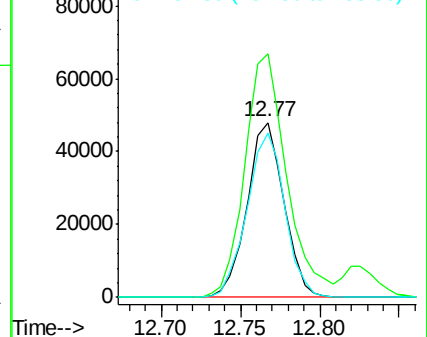
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.745 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD066040.D

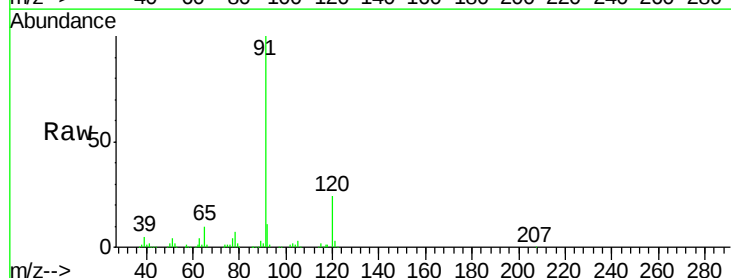
Acq: 24 Jul 2020 12:00

Tgt Ion: 91 Resp: 346132

Ion Ratio Lower Upper

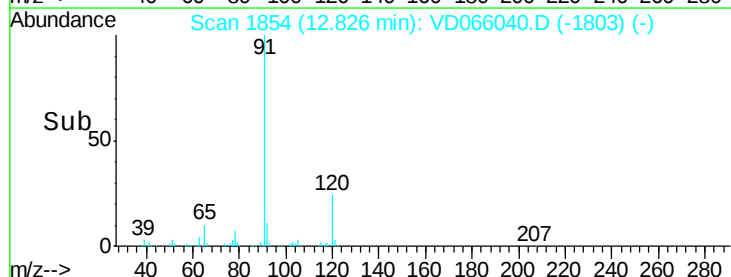
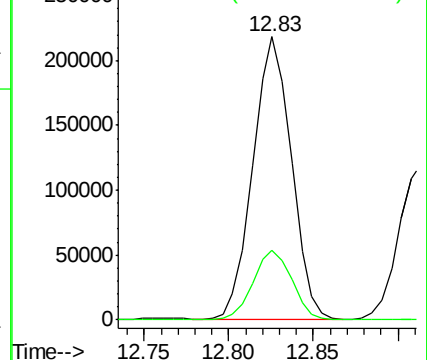
91 100

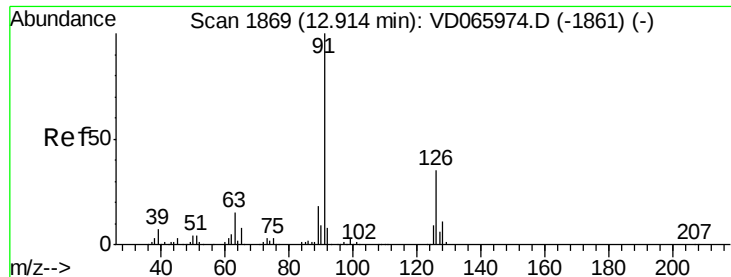
120 24.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.096 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0724SBS01

Tot Ion: 91 Resp: 200797

Ion Ratio Lower Upper

91 100

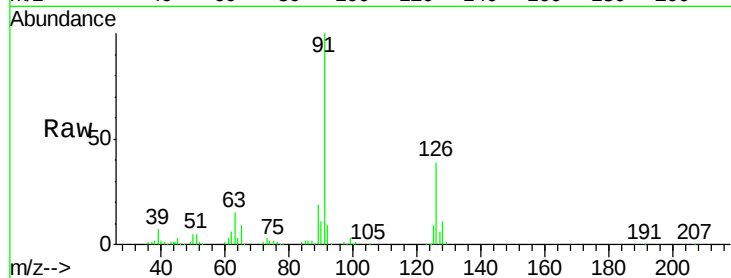
126 36.0 17.7 53.1

Manual Integrations

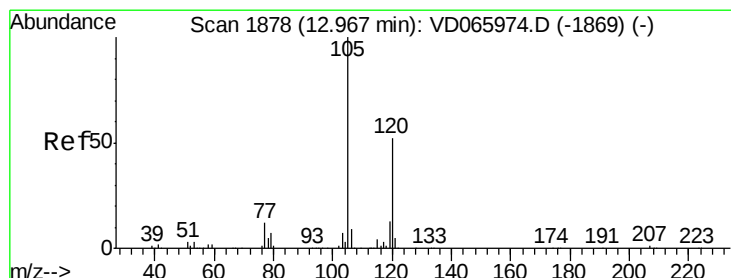
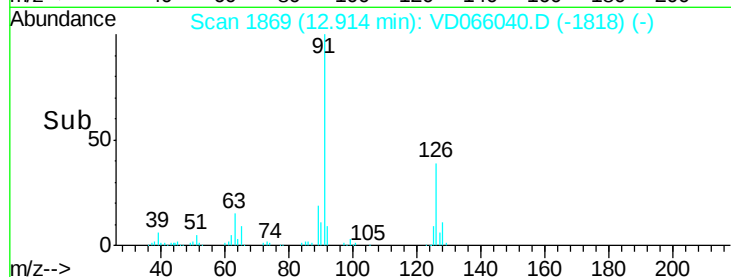
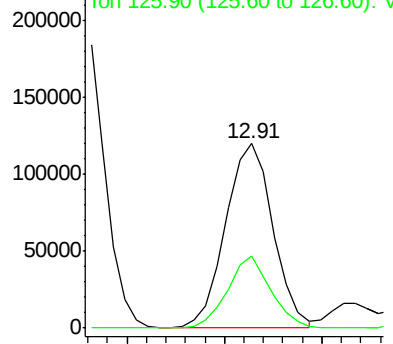
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Abundance Ion 91.00 (90.70 to 91.70): VD066040.D (-1818) (-)



#80

1,3,5-Trimethylbenzene

Concen: 23.521 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD066040.D

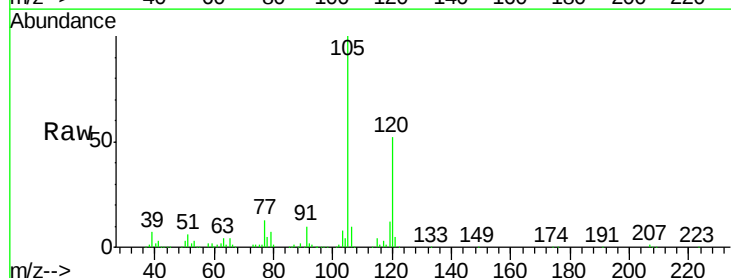
Acq: 24 Jul 2020 12:00

Tgt Ion:105 Resp: 253419

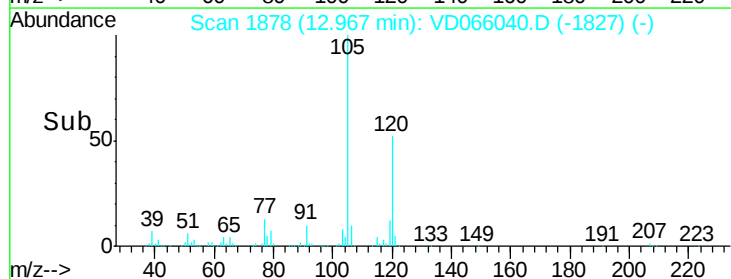
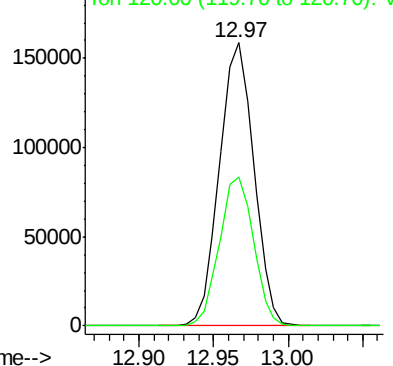
Ion Ratio Lower Upper

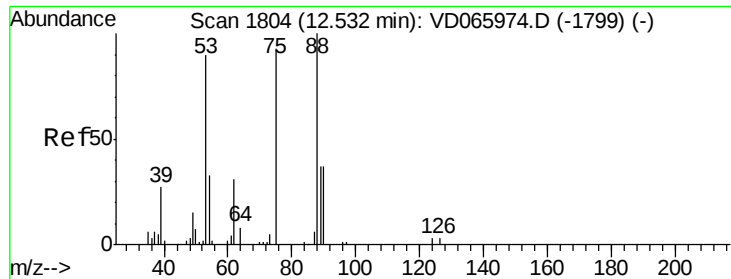
105 100

120 52.3 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VD066040.D (-1827) (-)





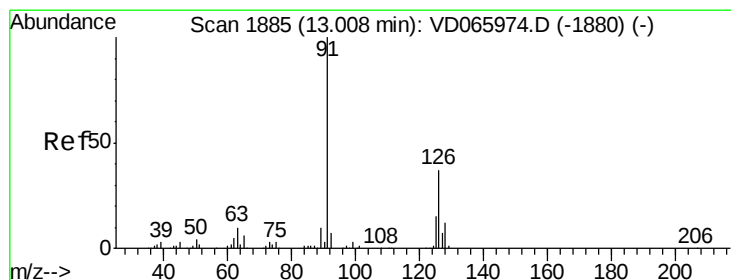
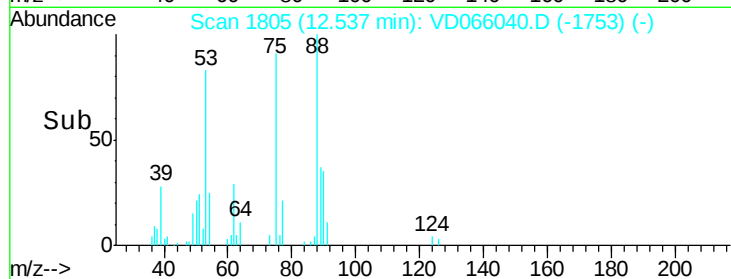
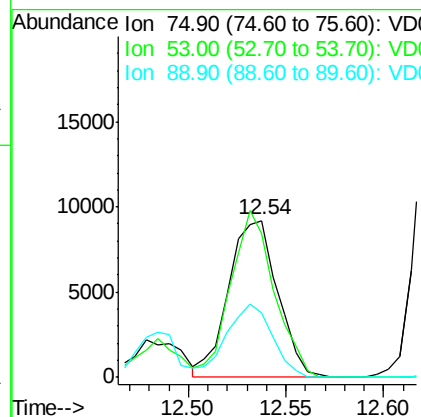
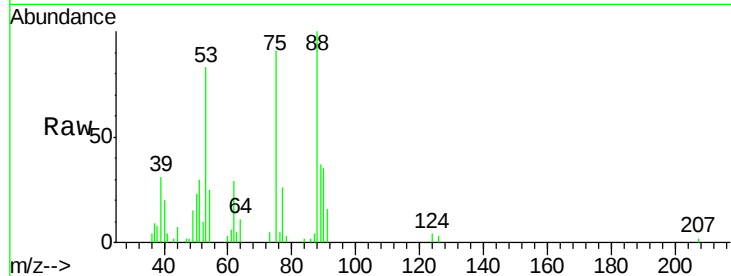
#81  
trans-1,4-Dichloro-2-butene  
Concen: 22.615 ug/l  
RT: 12.54 min Scan# 1805  
Delta R.T. 0.01 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

Tot Ion: 75 Resp: 16083  
Ion Ratio Lower Upper  
75 100  
53 94.6 76.8 115.2  
89 43.5 37.0 55.4

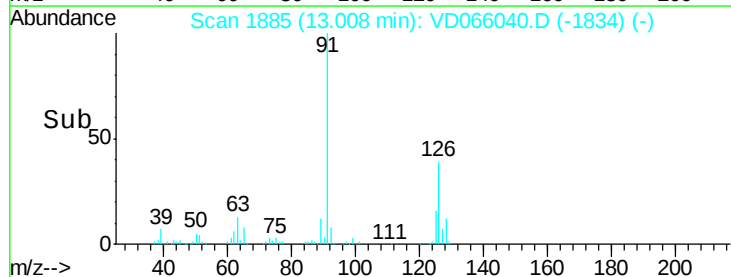
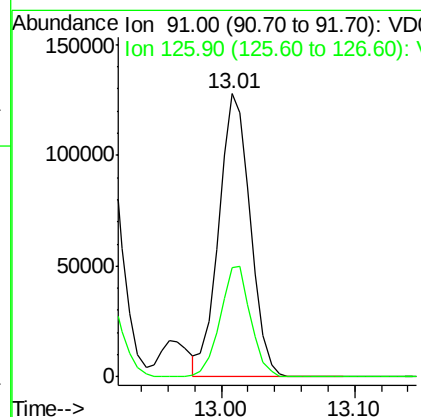
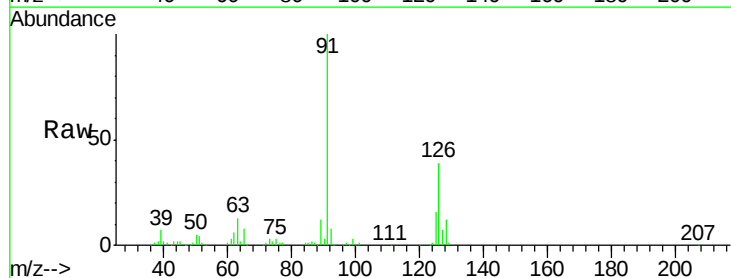
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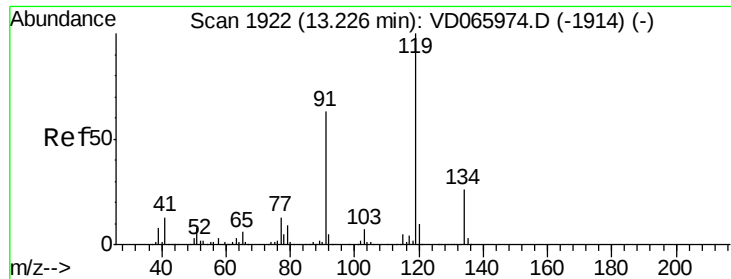
MMDadoda  
7/27/2020 12:03:46 PM



#82  
4-Chlorotoluene  
Concen: 23.097 ug/l  
RT: 13.01 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Tgt Ion: 91 Resp: 211955  
Ion Ratio Lower Upper  
91 100  
126 37.9 17.8 53.5





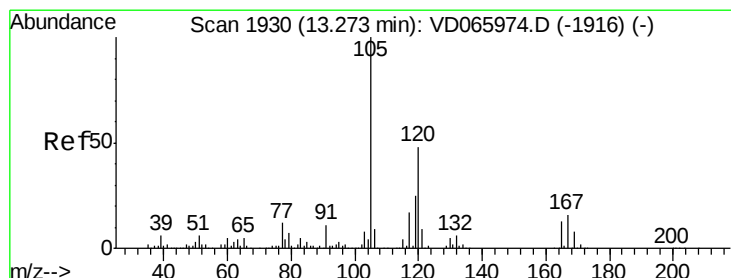
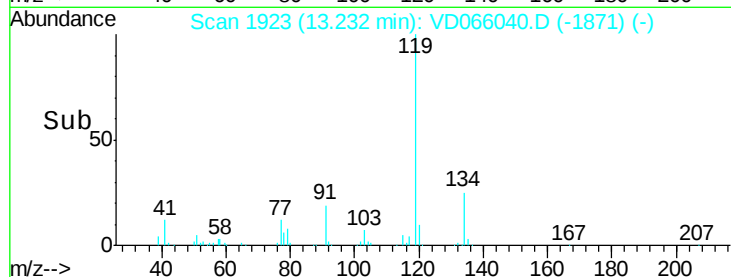
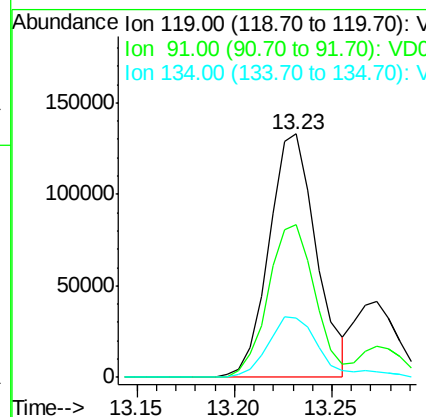
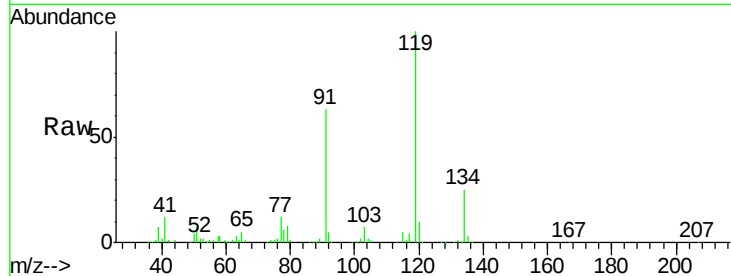
#83  
tert-Butylbenzene  
Concen: 23.652 ug/l  
RT: 13.23 min Scan# 1923  
Delta R.T. 0.01 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 222993 |       |       |
| 91      | 62.1  |        | 30.6  | 91.6  |
| 134     | 27.6  |        | 13.9  | 41.7  |

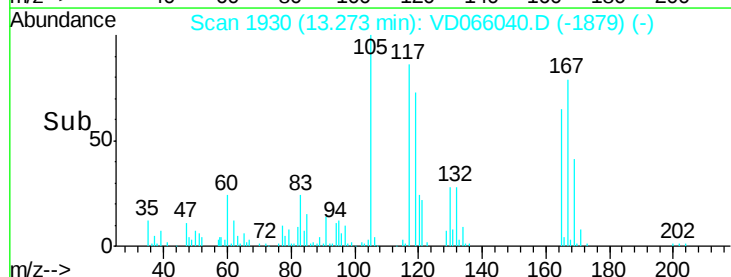
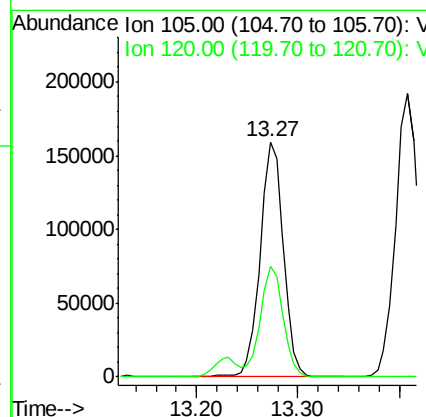
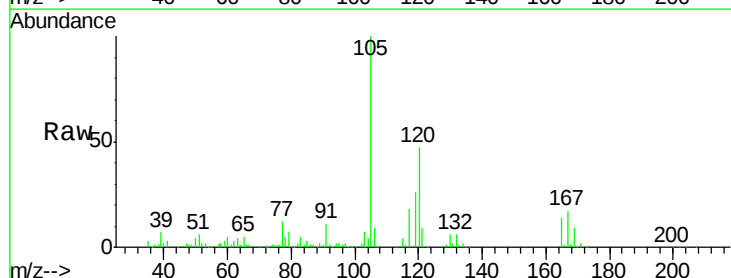
Manual Integrations  
APPROVED

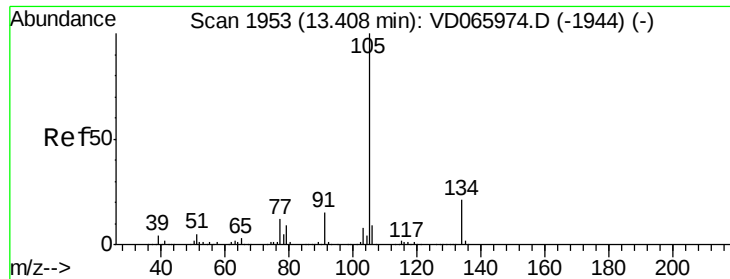
MMDadoda  
7/27/2020 12:03:46 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 23.890 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 253946 |       |       |
| 120     | 46.5  |        | 23.9  | 71.8  |





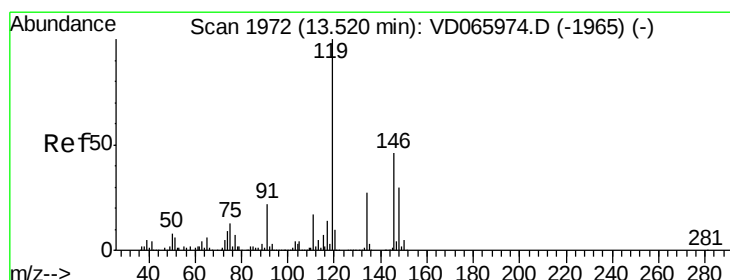
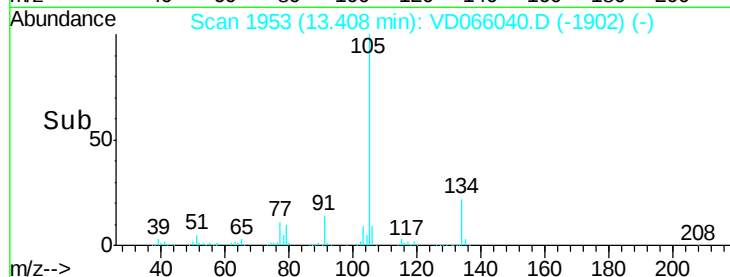
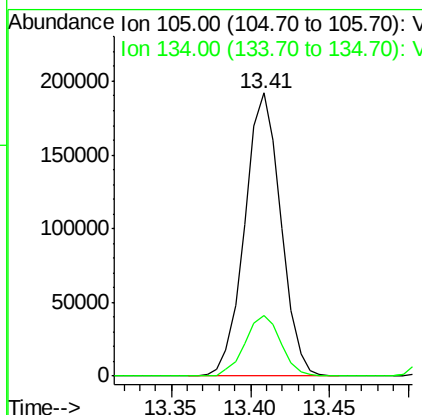
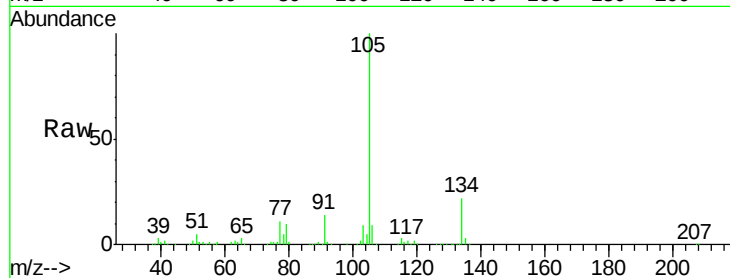
#85  
 sec-Butylbenzene  
 Concen: 23.385 ug/l  
 RT: 13.41 min Scan# 1953  
 Delta R.T. -0.00 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 21.5  | 10.4  | 31.4  |

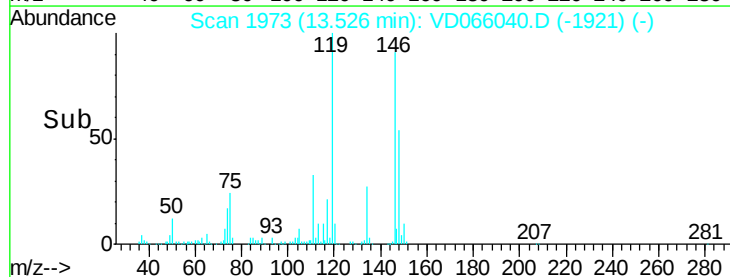
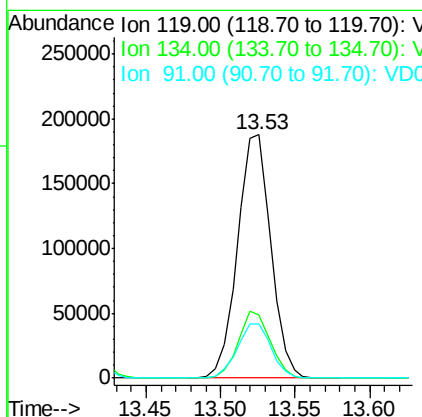
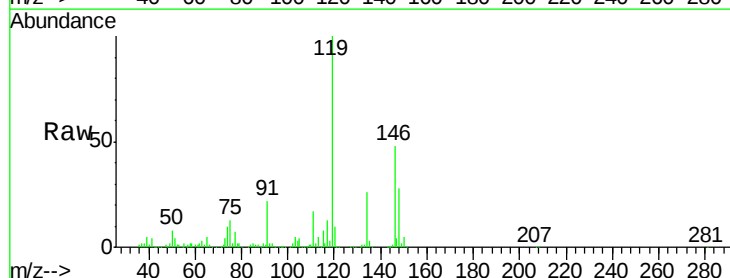
Manual Integrations  
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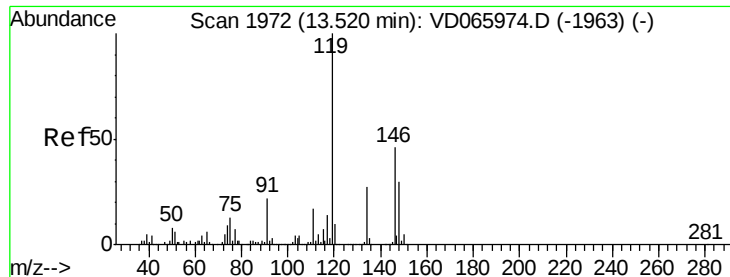
MMDadoda  
 7/27/2020 12:03:46 PM



#86  
 p-Isopropyltoluene  
 Concen: 24.615 ug/l  
 RT: 13.53 min Scan# 1973  
 Delta R.T. 0.01 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.4  | 13.4  | 40.2  |
| 91      | 22.9  | 11.1  | 33.3  |





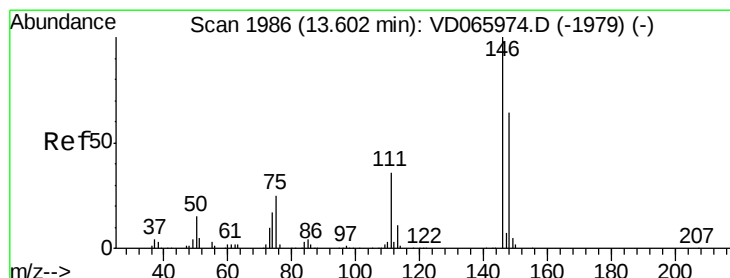
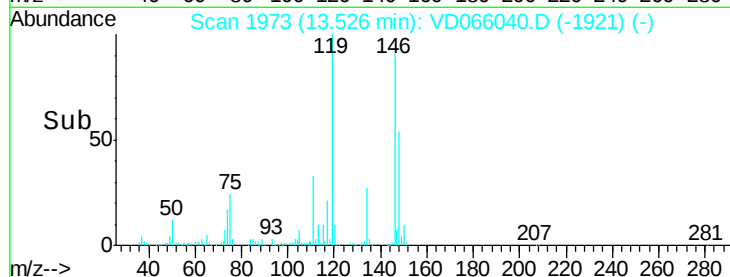
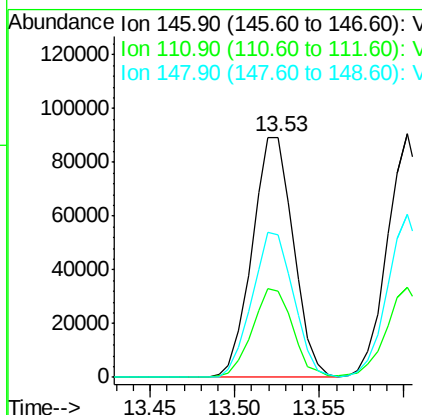
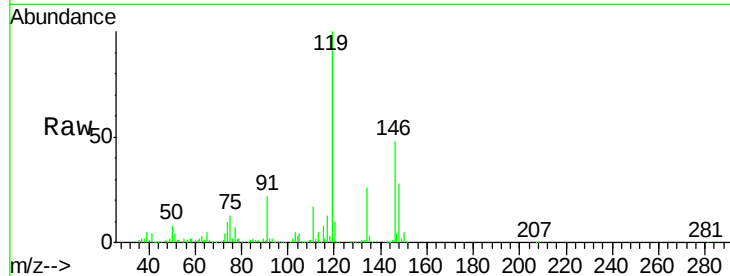
#87  
 1,3-Dichlorobenzene  
 Concen: 24.419 ug/l  
 RT: 13.53 min Scan# 1973  
 Delta R.T. 0.01 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.5  | 18.6  | 55.6  |
| 148     | 60.9  | 32.4  | 97.0  |

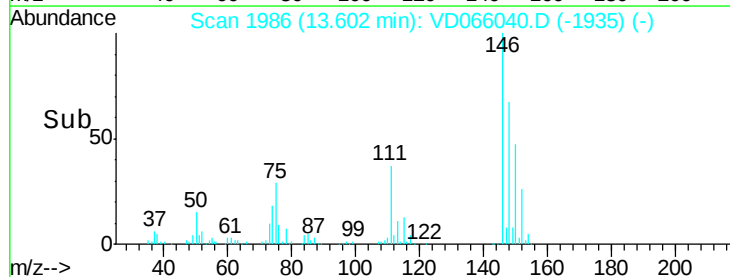
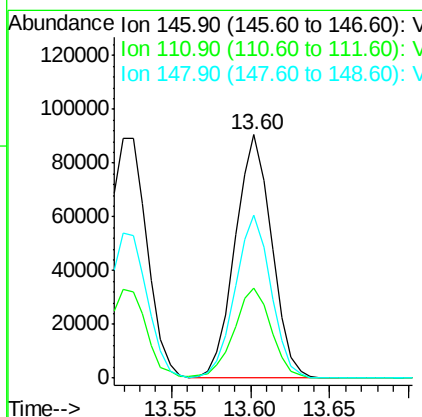
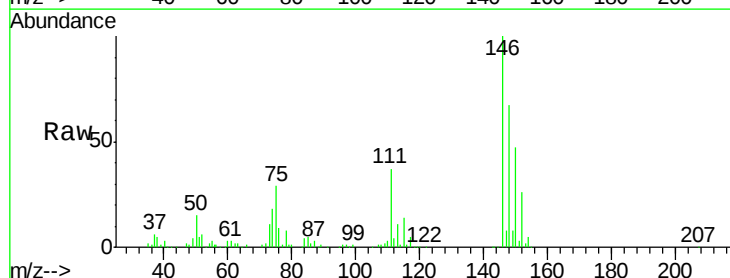
Manual Integrations  
 APPROVED

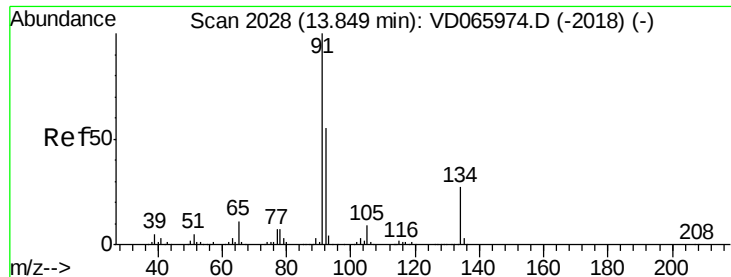
MMDadoda  
 7/27/2020 12:03:46 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 23.086 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. -0.00 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.6  | 18.8  | 56.4  |
| 148     | 65.7  | 32.2  | 96.6  |





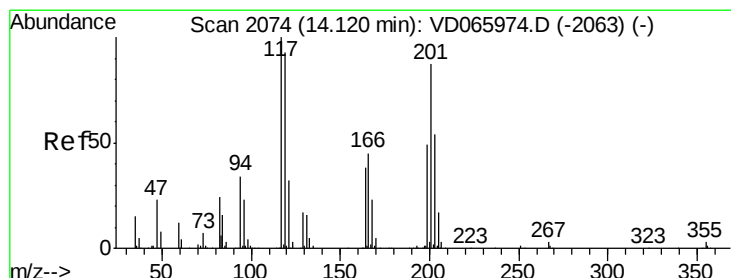
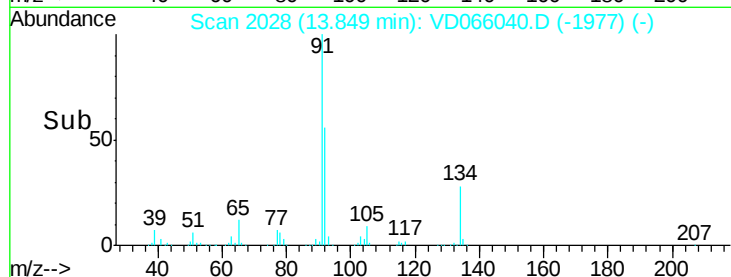
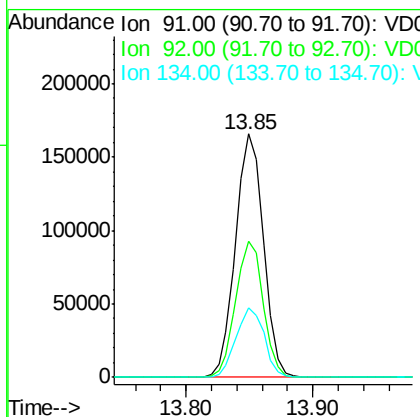
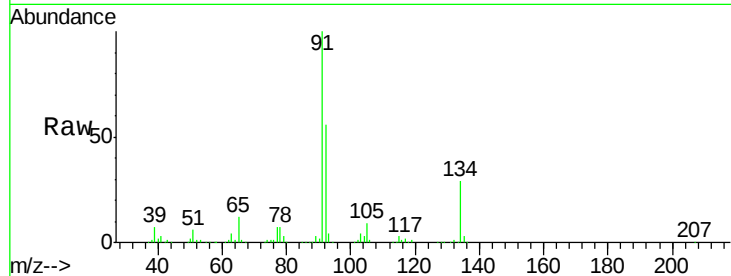
#89  
n-Butylbenzene  
Concen: 23.012 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 55.0  | 27.2  | 81.6  |
| 134     | 28.7  | 13.8  | 41.4  |

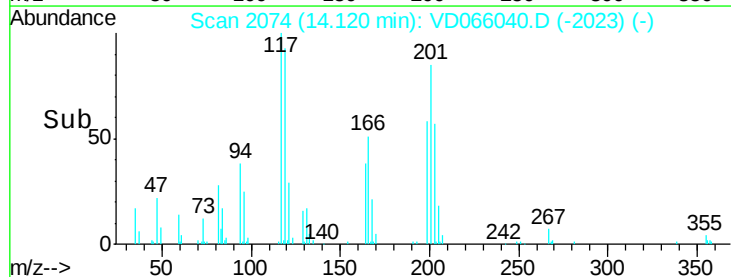
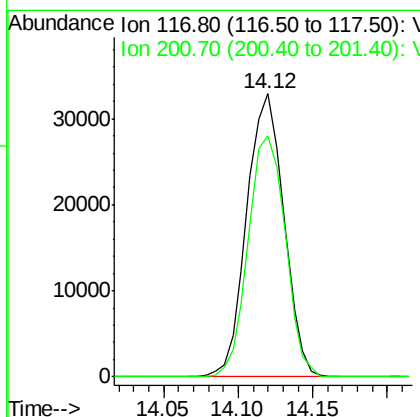
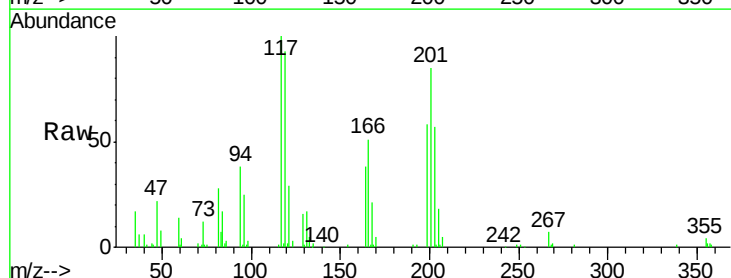
Manual Integrations  
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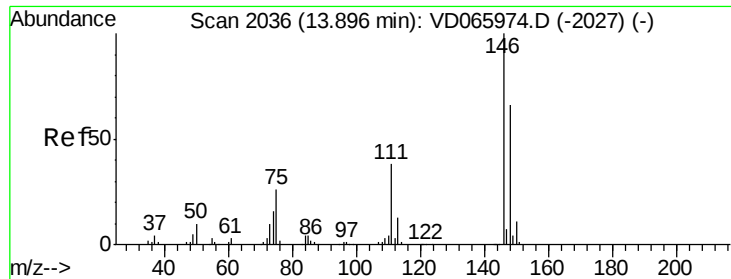
MMDadoda  
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#90  
Hexachloroethane  
Concen: 23.204 ug/l  
RT: 14.12 min Scan# 2074  
Delta R.T. -0.00 min  
Lab File: VD066040.D  
Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 85.0  | 42.0  | 126.1 |





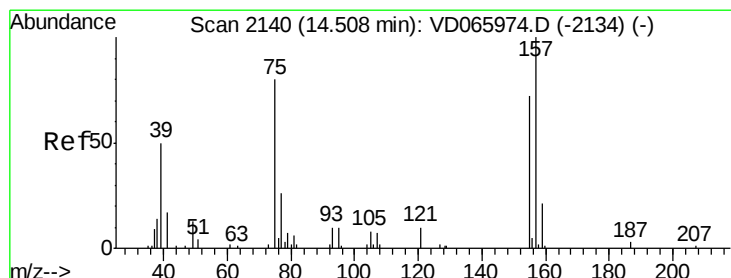
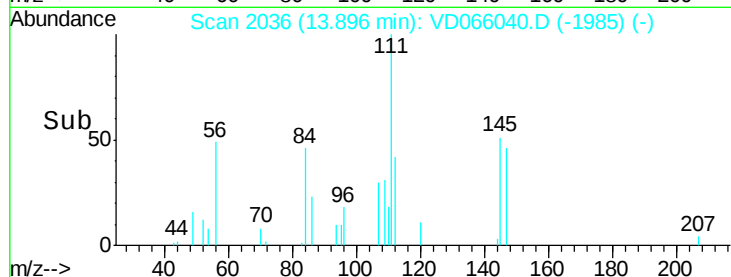
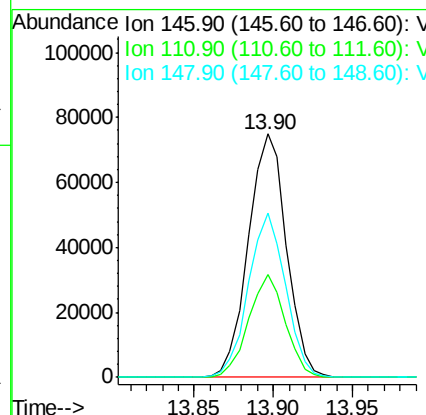
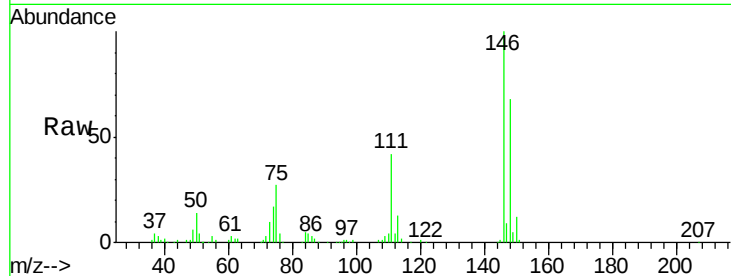
#91  
 1,2-Dichlorobenzene  
 Concen: 23.218 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. -0.00 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.4  | 19.3  | 57.9  |
| 148     | 65.8  | 32.7  | 98.1  |

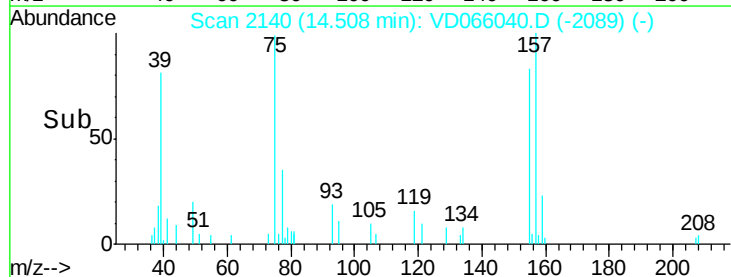
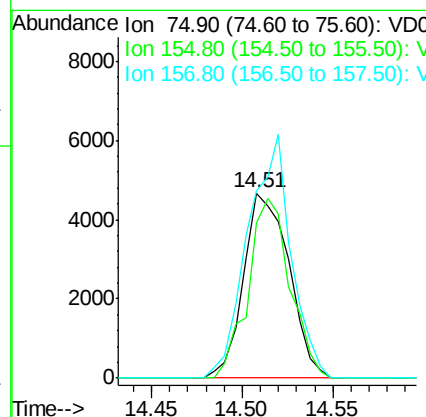
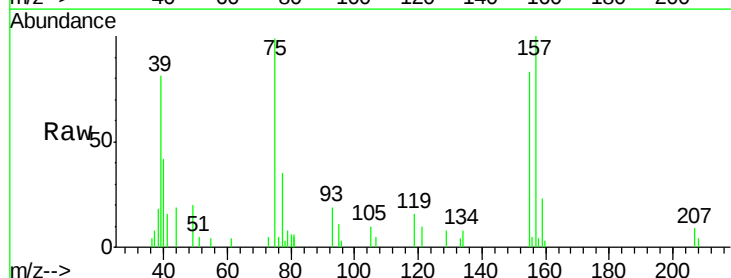
Manual Integrations  
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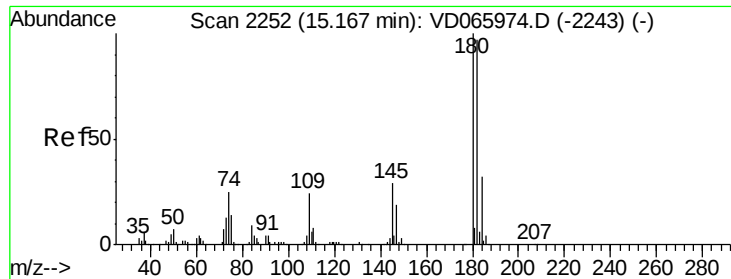
MMDadoda  
 7/27/2020 12:03:46 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 22.827 ug/l  
 RT: 14.51 min Scan# 2140  
 Delta R.T. -0.00 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 89.7  | 48.5  | 145.5 |
| 157     | 125.4 | 64.7  | 194.1 |





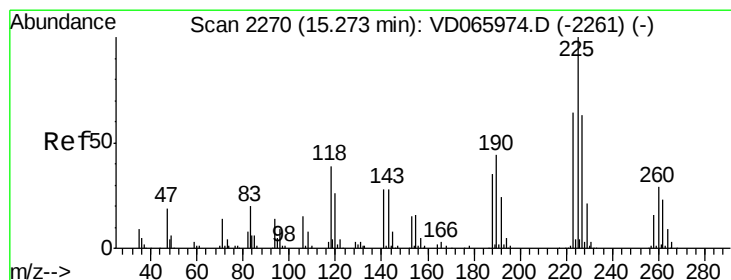
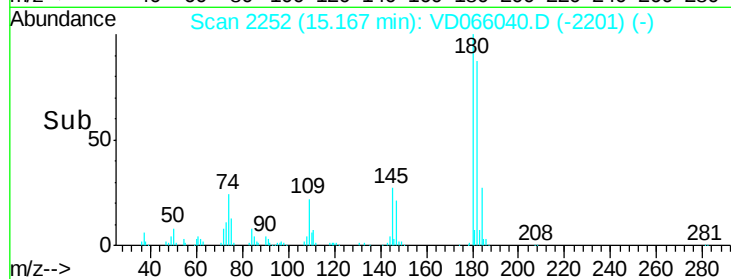
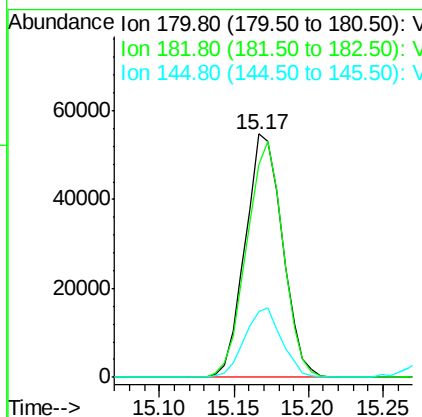
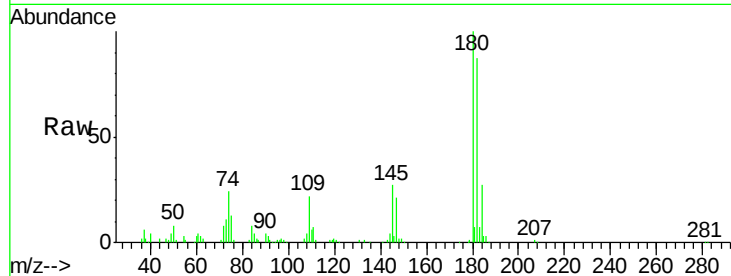
#93  
 1,2,4-Trichlorobenzene  
 Concen: 24.477 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. -0.00 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.9  | 48.1  | 144.3 |
| 145     | 28.2  | 14.7  | 44.1  |

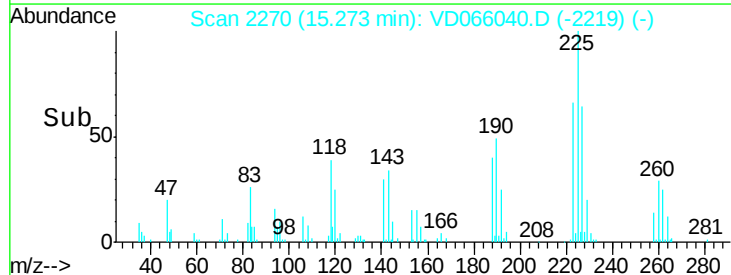
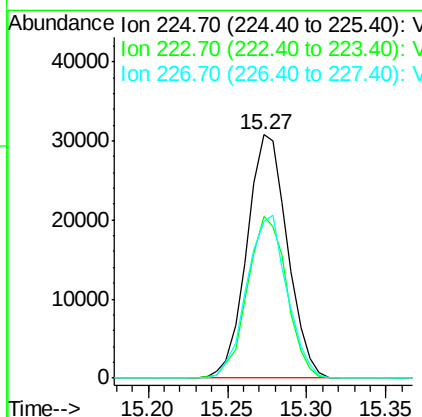
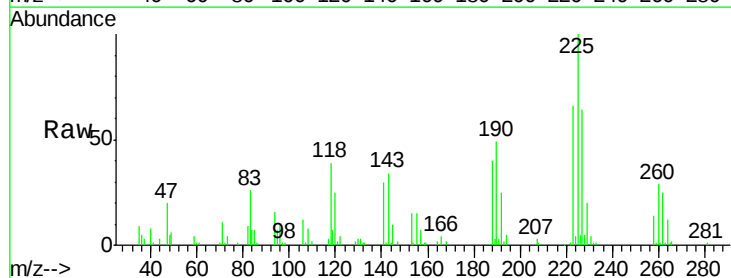
Manual Integrations  
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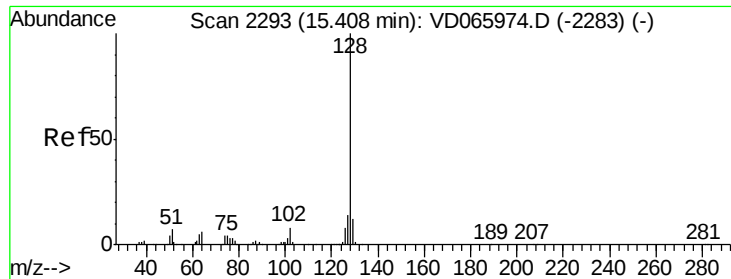
MMDadoda  
 7/27/2020 12:03:46 PM



#94  
 Hexachlorobutadiene  
 Concen: 22.859 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. -0.00 min  
 Lab File: VD066040.D  
 Acq: 24 Jul 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.4  | 31.2  | 93.6  |
| 227     | 66.7  | 31.6  | 94.8  |





#95

Naphthalene

Concen: 22.753 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

Instrument :

MSVOA\_D

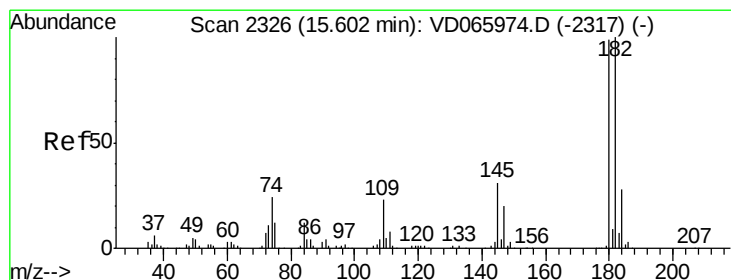
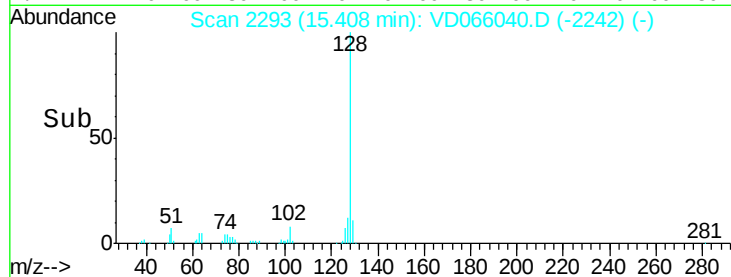
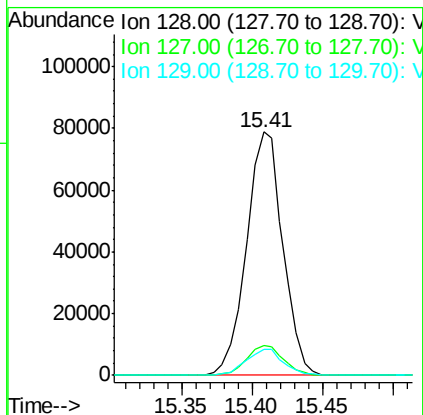
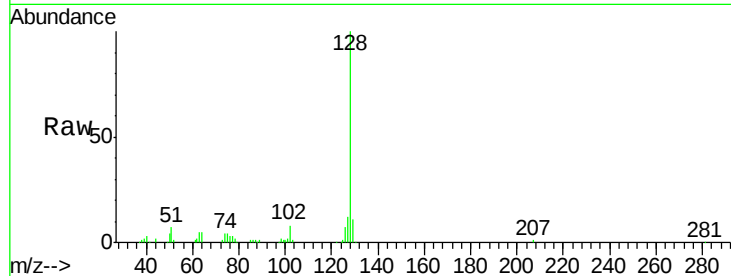
ClientSampleId :

VD0724SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 142281 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.4  | 10.8  | 16.2   |
| 129       | 10.9  | 8.9   | 13.3   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 23.865 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066040.D

Acq: 24 Jul 2020 12:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 80297 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.6  | 47.9  | 143.6 |
| 145       | 30.8  | 15.4  | 46.2  |

