

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\  
 Data File : VD067719.D  
 Acq On : 20 Nov 2020 12:41  
 Operator : VA/SY  
 Sample : VD1120SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1120SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 11/23/2020 1:41:31 PM

Quant Time: Nov 21 00:56:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110320S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 04 00:56:28 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 267808   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 377092   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 349651   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 182418   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 111898   | 47.79 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.58%  |      |
| 35) Dibromofluoromethane  | 7.91   | 113 | 110677   | 48.71 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.42%  |      |
| 50) Toluene-d8            | 10.34  | 98  | 379595   | 47.54 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.08%  |      |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 140852   | 51.10 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.20% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 52239  | 21.506  | ug/l   | 92     |
| 3) Chloromethane              | 2.21 | 50  | 30773  | 18.452  | ug/l   | 94     |
| 4) Vinyl Chloride             | 2.35 | 62  | 35401  | 19.040  | ug/l   | 92     |
| 5) Bromomethane               | 2.76 | 94  | 29888  | 19.832  | ug/l   | 95     |
| 6) Chloroethane               | 2.92 | 64  | 23569  | 20.561  | ug/l   | 95     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 104782 | 21.765  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.71 | 74  | 21321  | 21.979  | ug/l   | 92     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 51790  | 21.312  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.30 | 142 | 49471  | 18.994  | ug/l # | 95     |
| 11) Tert butyl alcohol        | 5.21 | 59  | 22825  | 224.093 | ug/l # | 93     |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 46222  | 20.679  | ug/l   | 96     |
| 13) Acrolein                  | 3.92 | 56  | 3863   | 61.304  | ug/l   | 86     |
| 14) Allyl chloride            | 4.71 | 41  | 46982  | 19.639  | ug/l   | 94     |
| 15) Acrylonitrile             | 5.42 | 53  | 40749  | 113.637 | ug/l   | 98     |
| 16) Acetone                   | 4.16 | 43  | 38326  | 109.371 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.40 | 76  | 127051 | 18.549  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.71 | 43  | 15560  | 21.488  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.47 | 73  | 101045 | 22.918  | ug/l # | 91     |
| 20) Methylene Chloride        | 4.97 | 84  | 59135  | 23.890  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 53259  | 20.457  | ug/l   | 93     |
| 22) Diisopropyl ether         | 6.37 | 45  | 101945 | 21.868  | ug/l   | 97     |
| 23) Vinyl Acetate             | 6.31 | 43  | 262195 | 107.445 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 80882  | 21.207  | ug/l   | 97     |
| 25) 2-Butanone                | 7.22 | 43  | 42247  | 112.829 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 90120  | 22.389  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 56174  | 20.787  | ug/l   | 95     |
| 28) Bromochloromethane        | 7.55 | 49  | 25111  | 18.510  | ug/l   | 88     |
| 29) Tetrahydrofuran           | 7.56 | 42  | 24790  | 110.528 | ug/l   | 94     |
| 30) Chloroform                | 7.71 | 83  | 101530 | 22.315  | ug/l   | 92     |
| 31) Cyclohexane               | 7.98 | 56  | 64544  | 19.004  | ug/l # | 82     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 105979 | 22.575  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 72695  | 22.521  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.29 | 43  | 18624  | 22.224  | ug/l # | 78     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 99639  | 23.758  | ug/l   | 96     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\  
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 Sample : VD1120SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD1120SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 11/23/2020 1:41:31 PM

Quant Time: Nov 21 00:56:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110320S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 04 00:56:28 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 80789    | 21.265  | ug/l   | 93       |
| 40) Benzene                    | 8.36  | 78   | 198478   | 22.700  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.54  | 41   | 11025m   | 22.010  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 65043    | 24.077  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 37060    | 22.361  | ug/l   | 97       |
| 44) Trichloroethene            | 9.11  | 130  | 64690    | 22.502  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 42666    | 22.570  | ug/l # | 88       |
| 46) Dibromomethane             | 9.48  | 93   | 28721    | 23.895  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.67  | 83   | 77022    | 23.576  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.46  | 41   | 18167    | 21.230  | ug/l # | 87       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 5444     | 446.155 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 95205    | 120.114 | ug/l   | 97       |
| 52) Toluene                    | 10.41 | 92   | 136156   | 23.249  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 66575    | 23.794  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 76453    | 22.998  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 39850    | 25.057  | ug/l   | 92       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 37156    | 22.624  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 60307    | 23.565  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 85585    | 111.751 | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.99 | 43   | 67082    | 121.043 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 56911    | 24.191  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 37198    | 23.305  | ug/l   | 95       |
| 64) Tetrachloroethene          | 10.88 | 164  | 57866    | 22.346  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.67 | 112  | 153139   | 22.737  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 60814    | 22.909  | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.75 | 91   | 263118   | 22.830  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.86 | 106  | 205228   | 45.770  | ug/l   | 100      |
| 69) o-Xylene                   | 12.18 | 106  | 92197    | 23.030  | ug/l   | 99       |
| 70) Styrene                    | 12.20 | 104  | 160839   | 23.057  | ug/l   | 100      |
| 71) Bromoform                  | 12.37 | 173  | 33250    | 24.559  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 262479   | 22.264  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.29 | 43   | 35706    | 23.017  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 35506    | 22.086  | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 25859m   | 23.499  | ug/l   |          |
| 77) Bromobenzene               | 12.76 | 156  | 65974    | 22.786  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.83 | 91   | 298064   | 22.103  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 173231   | 22.615  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 231834   | 23.020  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 11431    | 21.090  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 183009   | 22.276  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 199002   | 23.315  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 233507   | 23.293  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.40 | 105  | 259089   | 22.486  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 251272   | 22.583  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 124292   | 22.498  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 125609   | 22.454  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.84 | 91   | 211908   | 22.049  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.11 | 117  | 46497    | 22.191  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 107484   | 22.480  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 6911     | 24.280  | ug/l   | 94       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\  
Data File : VD067719.D  
Acq On : 20 Nov 2020 12:41  
Operator : VA/SY  
Sample : VD1120SBSD01  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBSD01

Manual Integrations  
APPROVED

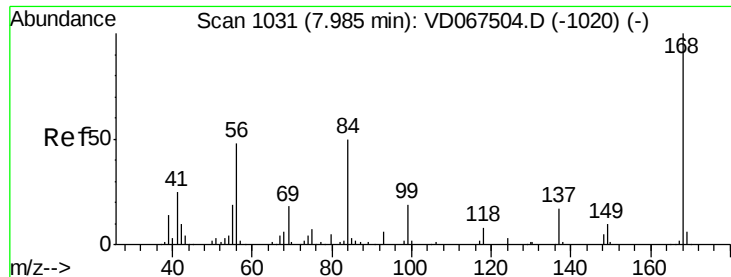
MMDadoda  
11/23/2020 1:41:31 PM

Quant Time: Nov 21 00:56:29 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110320S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 04 00:56:28 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 76052    | 23.435 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 47885    | 22.047 | ug/l  | 97       |
| 95) Naphthalene            | 15.40 | 128  | 119432   | 23.847 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 65233    | 23.473 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

ClientSampleId :

VD1120SBS01

Tot Ion:168 Resp: 267808

Ion Ratio Lower Upper

168 100

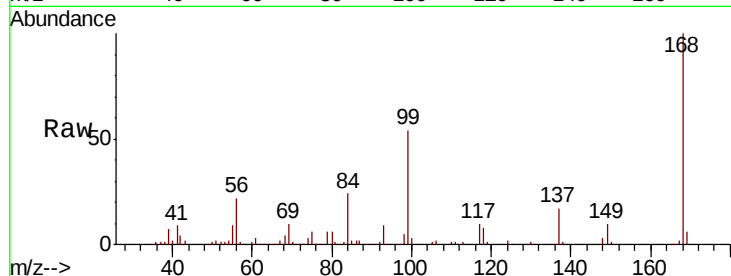
99 53.5 45.0 67.6

Manual Integrations

APPROVED

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11/23/2020 1:41:31 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

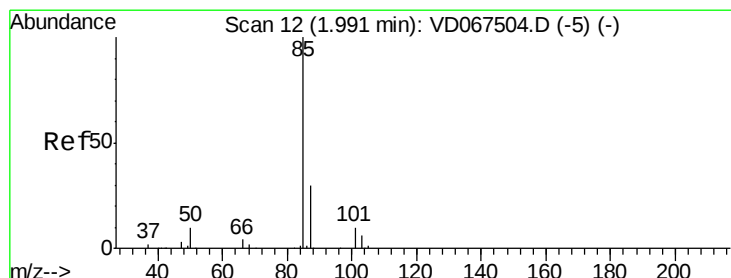
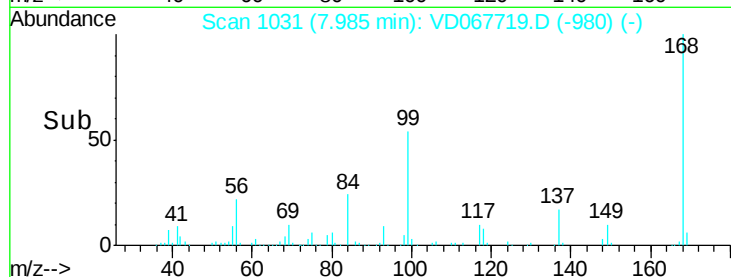
7.98

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.506 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067719.D

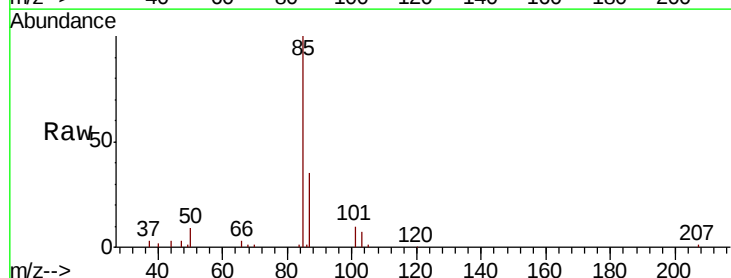
Acq: 20 Nov 2020 12:41

Tgt Ion: 85 Resp: 52239

Ion Ratio Lower Upper

85 100

87 35.0 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

40000

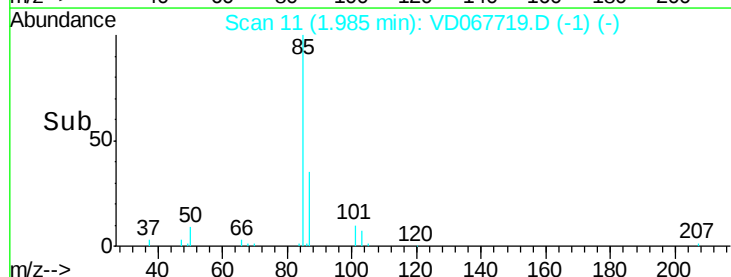
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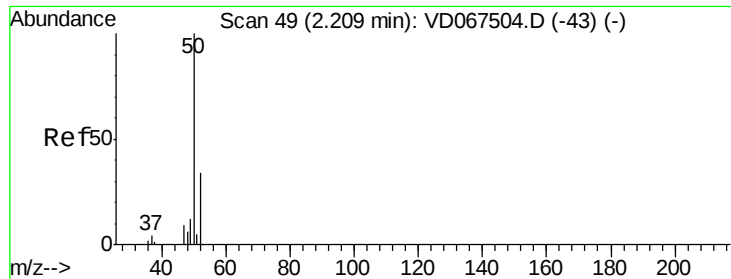
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.452 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

ClientSampleId :

VD1120SBS01

Tot Ion: 50 Resp: 30773

Ion Ratio Lower Upper

50 100

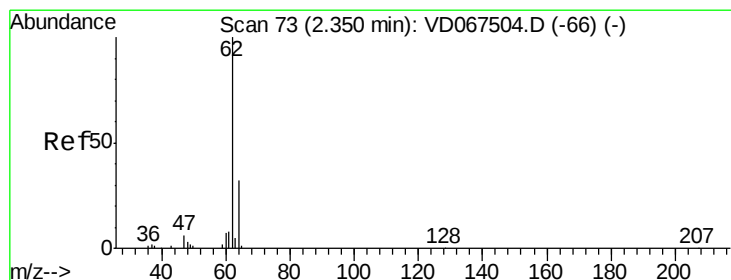
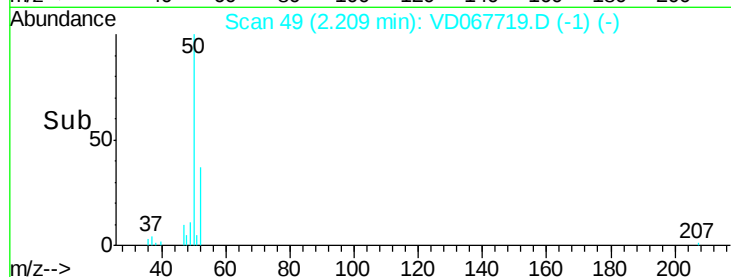
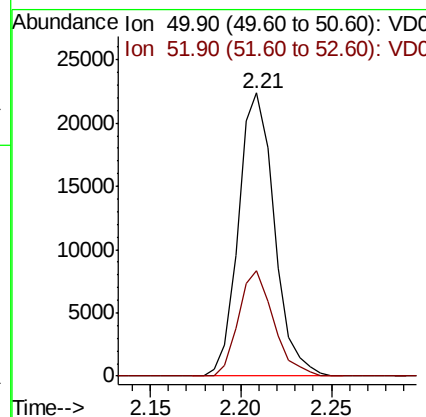
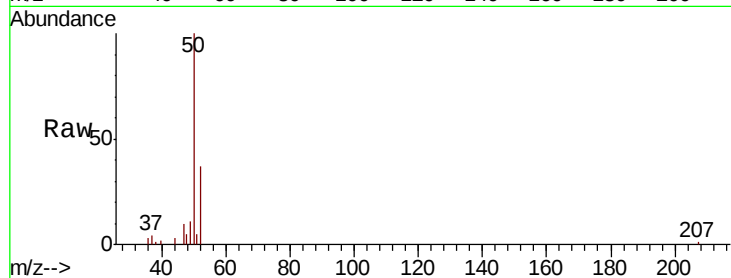
52 37.4 27.3 40.9

Manual Integrations

APPROVED

MMDadoda

11/23/2020 1:41:31 PM



#4

Vinyl Chloride

Concen: 19.040 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067719.D

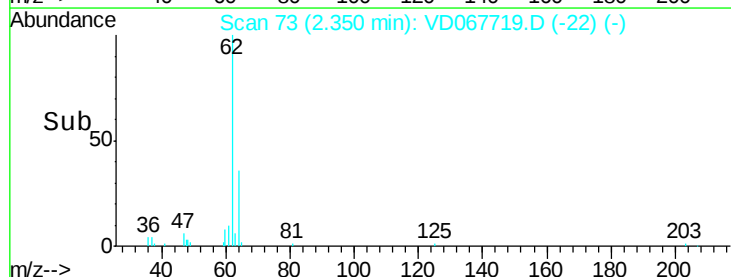
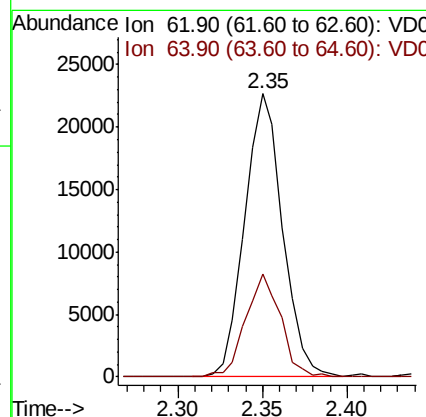
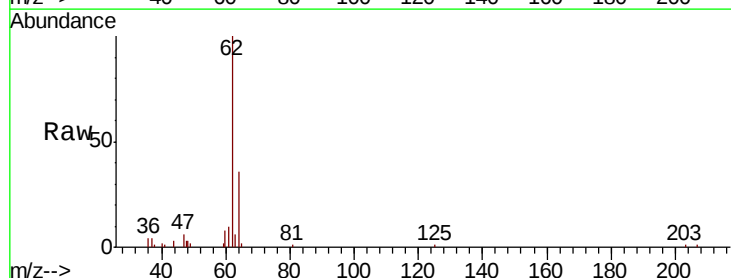
Acq: 20 Nov 2020 12:41

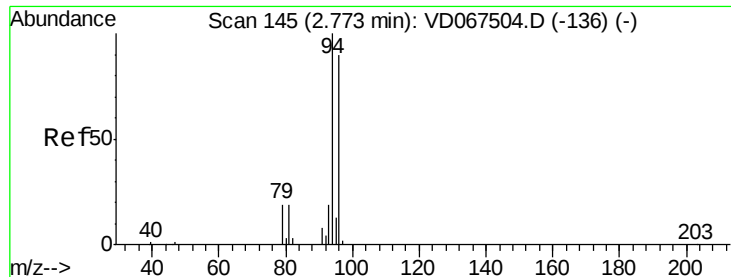
Tgt Ion: 62 Resp: 35401

Ion Ratio Lower Upper

62 100

64 36.4 25.6 38.4





#5

Bromomethane

Concen: 19.832 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

ClientSampleId :

VD1120SBS01

Tot Ion: 94 Resp: 29888

Ion Ratio Lower Upper

94 100

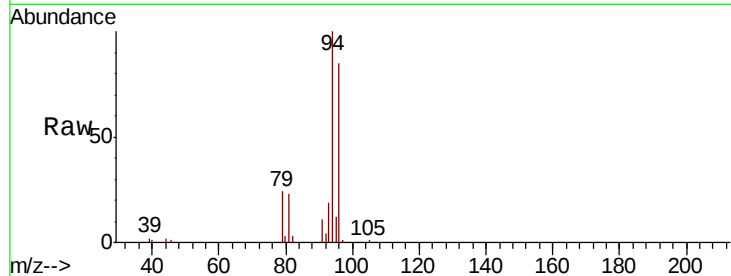
96 85.4 72.2 108.2

Manual Integrations

APPROVED

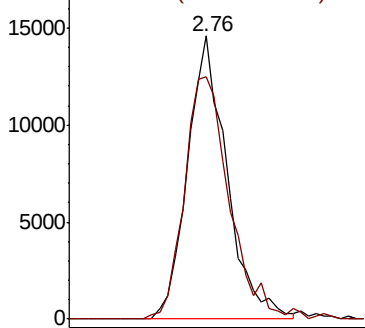
MMDadoda

11/23/2020 1:41:31 PM

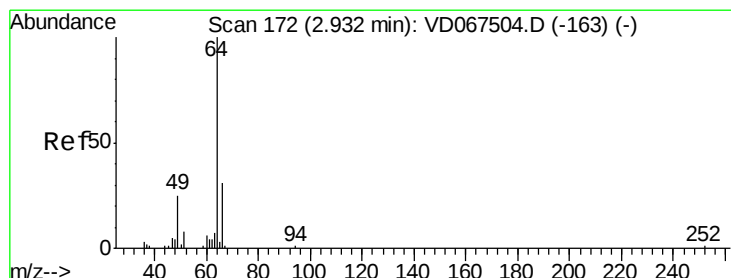
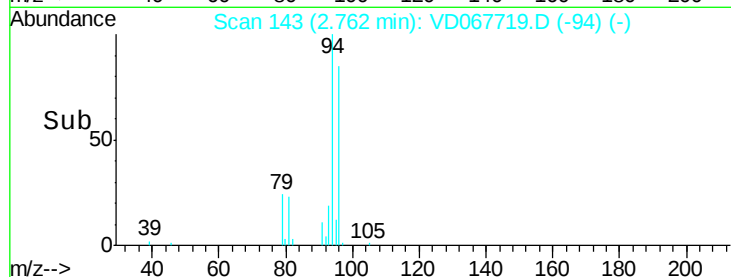


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 20.561 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067719.D

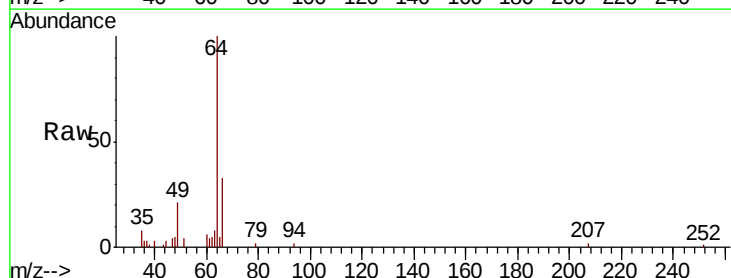
Acq: 20 Nov 2020 12:41

Tgt Ion: 64 Resp: 23569

Ion Ratio Lower Upper

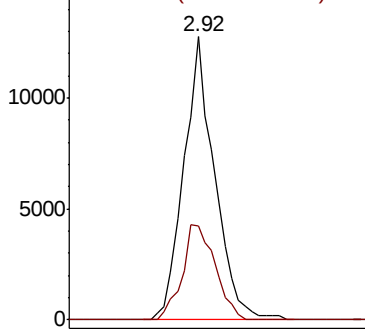
64 100

66 33.4 24.6 36.8

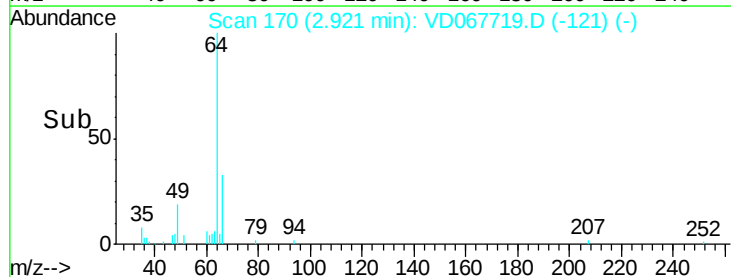


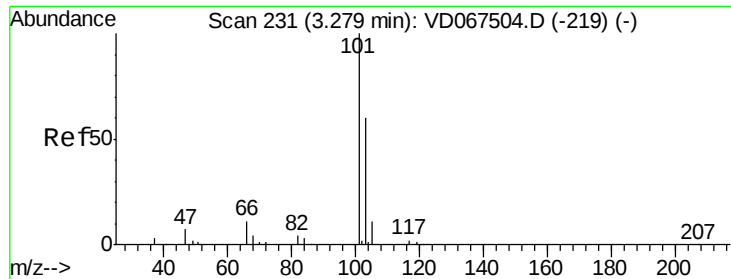
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->





#7

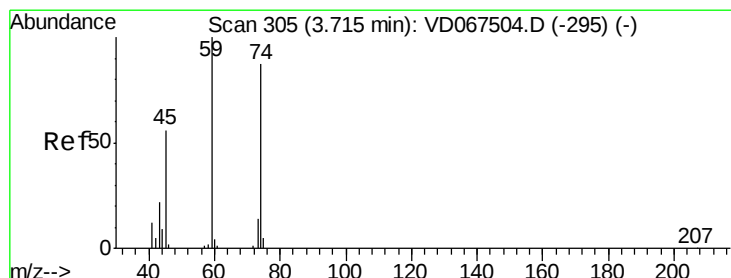
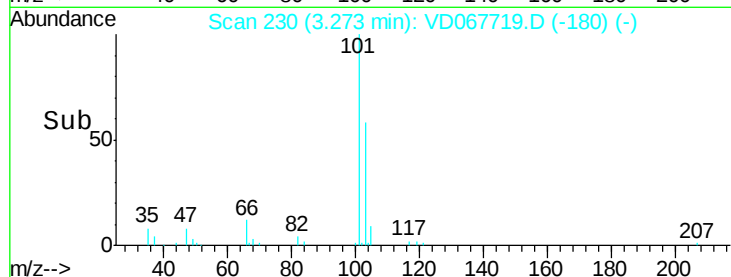
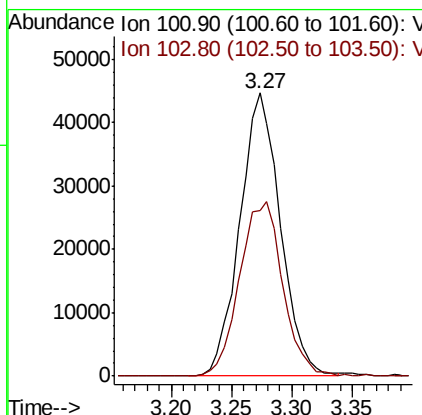
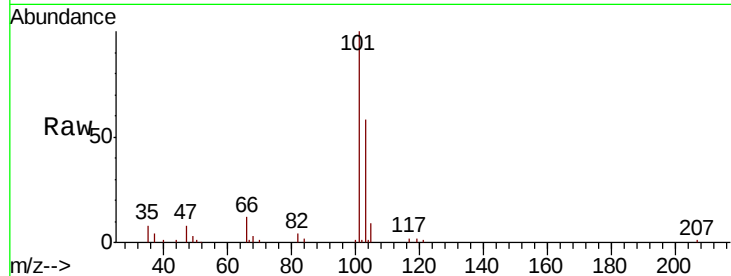
Trichlorofluoromethane  
 Concen: 21.765 ug/l  
 RT: 3.27 min Scan# 230  
 Delta R.T. -0.01 min  
 Lab File: VD067719.D  
 Acq: 20 Nov 2020 12:41

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1120SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 58.5  | 48.1  | 72.1  |

Manual Integrations  
 APPROVED

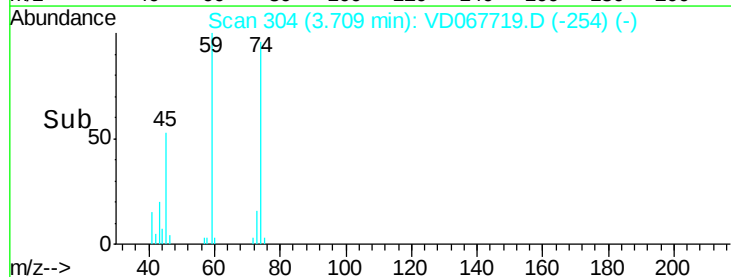
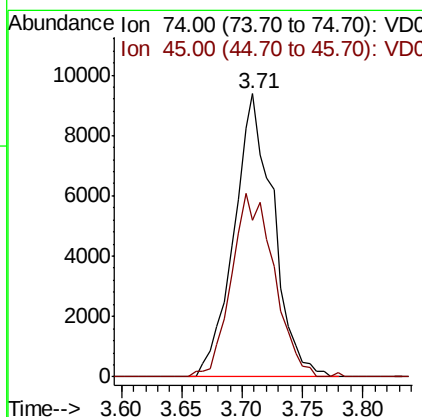
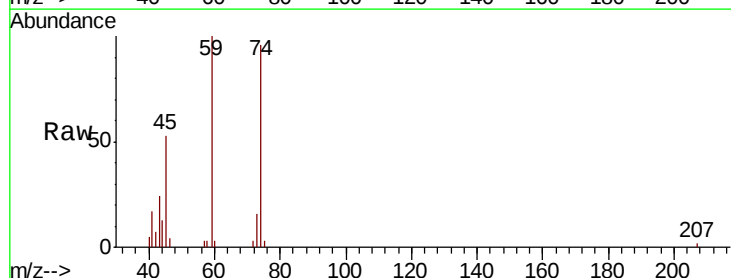
MMDadoda  
 11/23/2020 1:41:31 PM

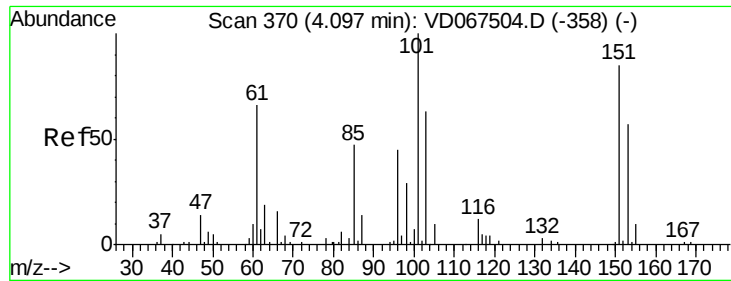


#8

Diethyl Ether  
 Concen: 21.979 ug/l  
 RT: 3.71 min Scan# 304  
 Delta R.T. -0.01 min  
 Lab File: VD067719.D  
 Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 69.7  | 38.2  | 114.6 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.312 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

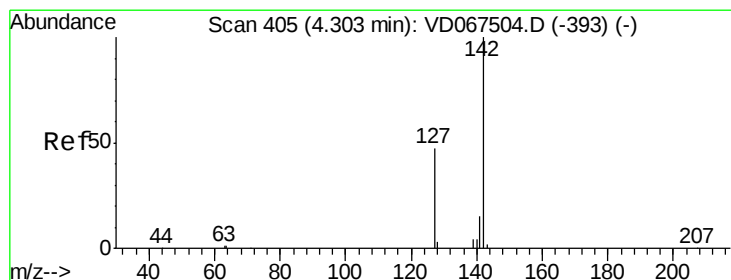
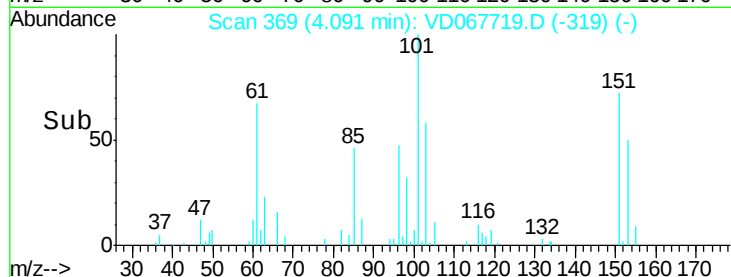
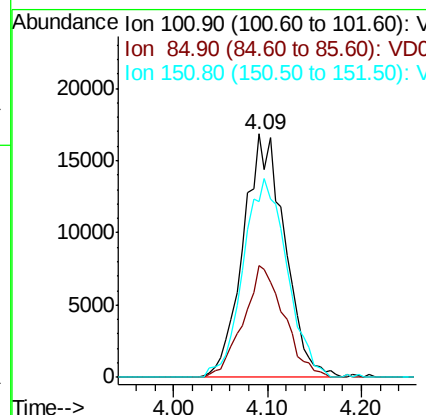
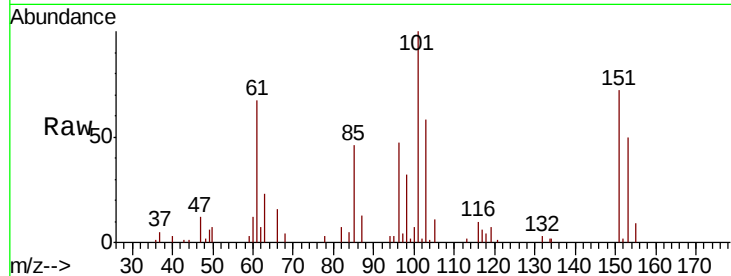
ClientSampleId :

VD1120SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 51790 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.7  | 34.4  | 51.6  |
| 151       | 85.5  | 68.1  | 102.1 |

Manual Integrations  
APPROVED

MMDadoda  
11/23/2020 1:41:31 PM



#10

Methyl Iodide

Concen: 18.994 ug/l

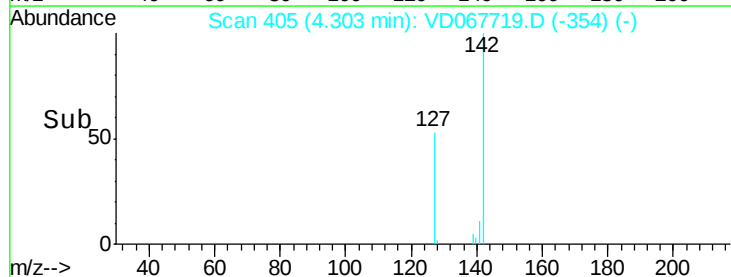
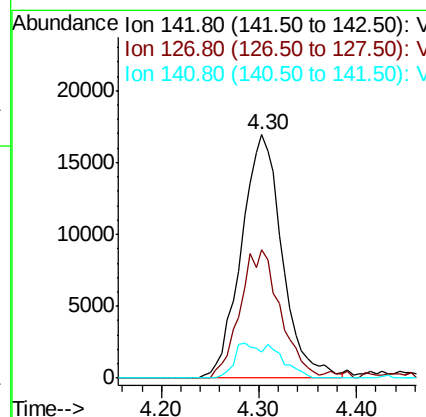
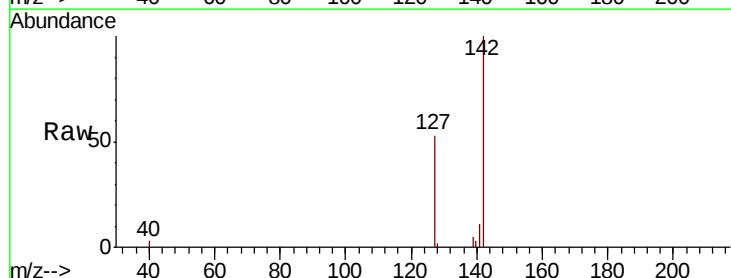
RT: 4.30 min Scan# 405

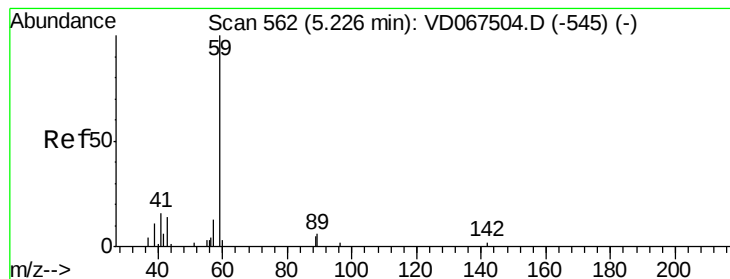
Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 49471 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 51.7  | 40.0  | 60.0  |
| 141       | 8.8   | 11.7  | 17.5  |





#11

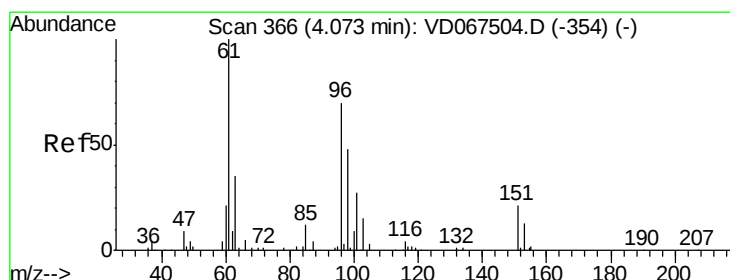
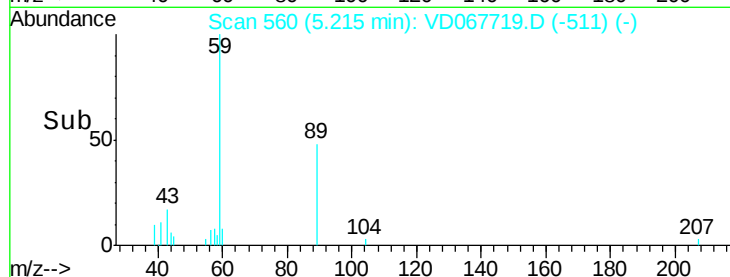
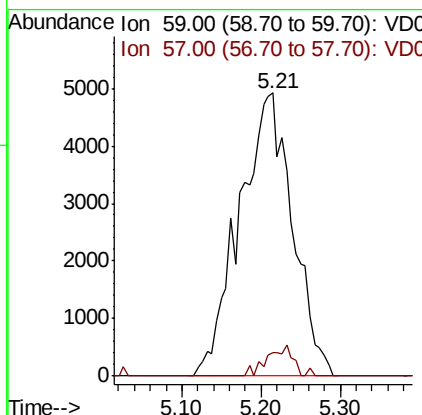
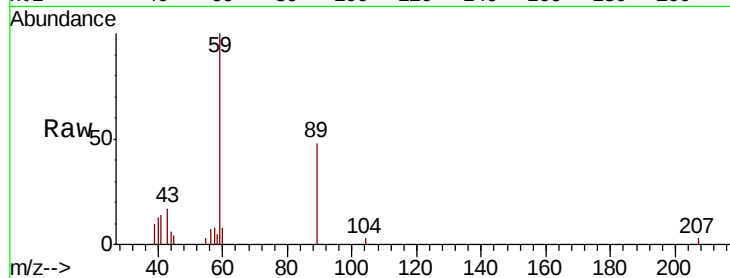
Tert butyl alcohol  
Concen: 224.093 ug/l  
RT: 5.21 min Scan# 560  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

Tot Ion: 59 Resp: 22825  
Ion Ratio Lower Upper  
59 100  
57 5.1 5.9 8.9#

Manual Integrations  
APPROVED

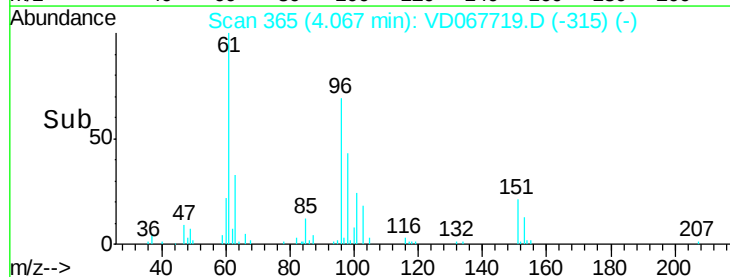
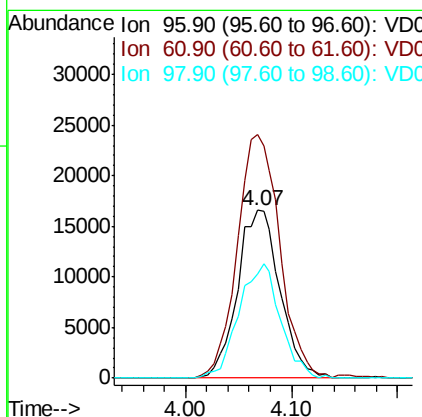
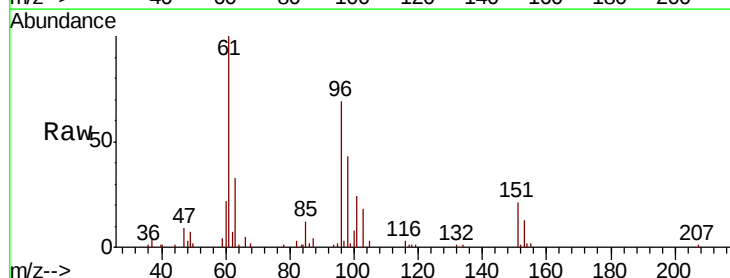
MMDadoda  
11/23/2020 1:41:31 PM

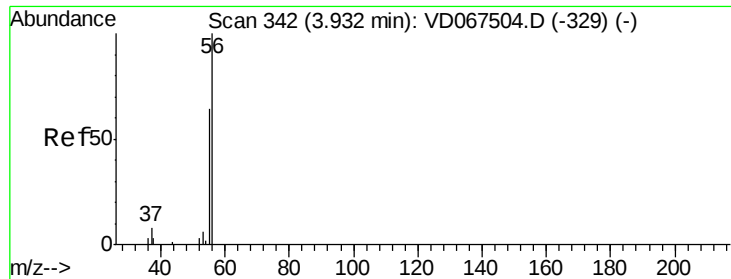


#12

1,1-Dichloroethene  
Concen: 20.679 ug/l  
RT: 4.07 min Scan# 365  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Tgt Ion: 96 Resp: 46222  
Ion Ratio Lower Upper  
96 100  
61 145.1 114.5 171.7  
98 62.0 54.5 81.7





#13

Acrolein

Concen: 61.304 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

ClientSampleId :

VD1120SBS01

Tot Ion: 56 Resp: 3863

Ion Ratio Lower Upper

56 100

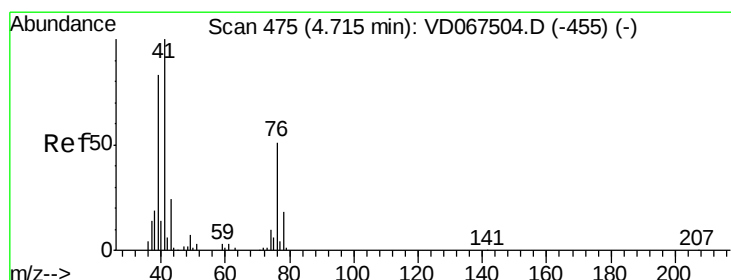
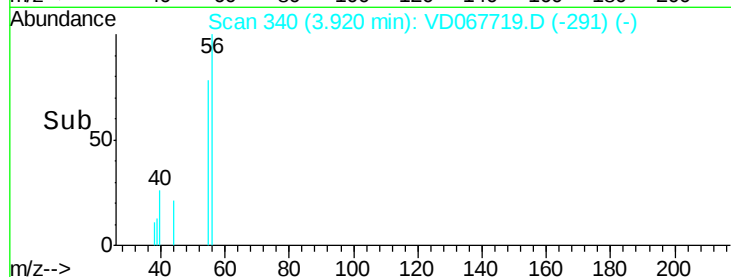
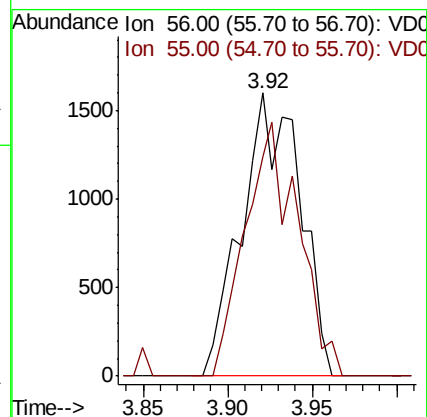
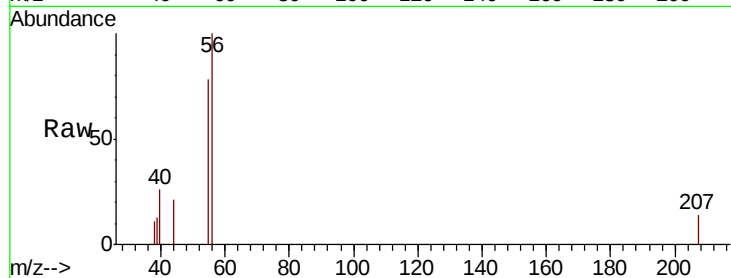
55 81.0 55.8 83.8

Manual Integrations

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MMDadoda

11/23/2020 1:41:31 PM



#14

Allyl chloride

Concen: 19.639 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

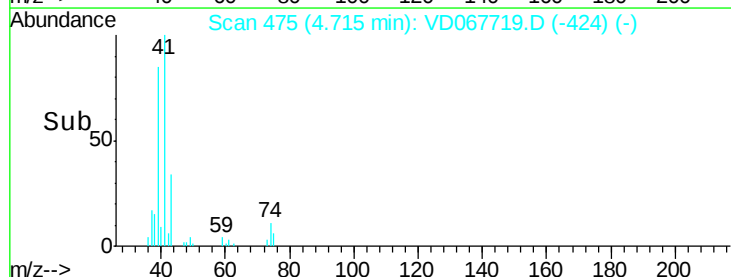
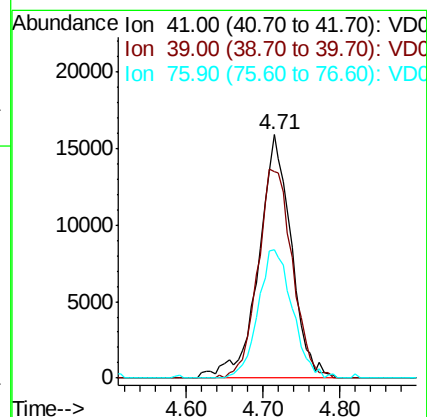
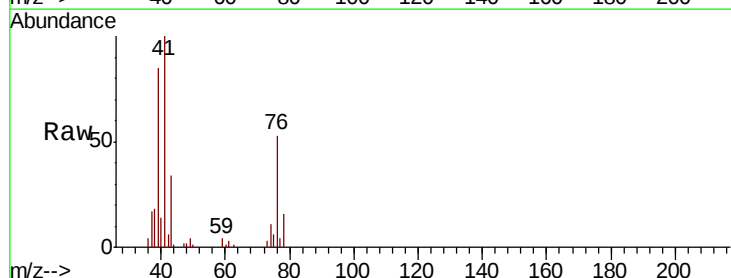
Tgt Ion: 41 Resp: 46982

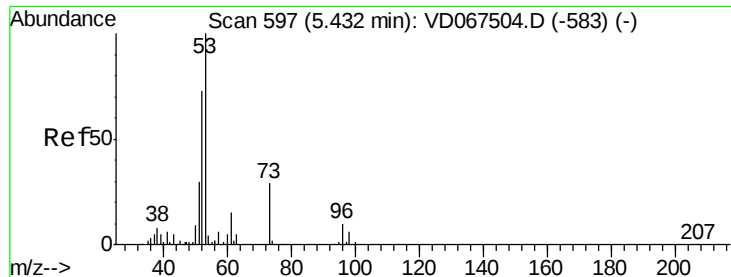
Ion Ratio Lower Upper

41 100

39 91.0 67.4 101.0

76 55.2 42.2 63.2





#15

Acrylonitrile

Concen: 113.637 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

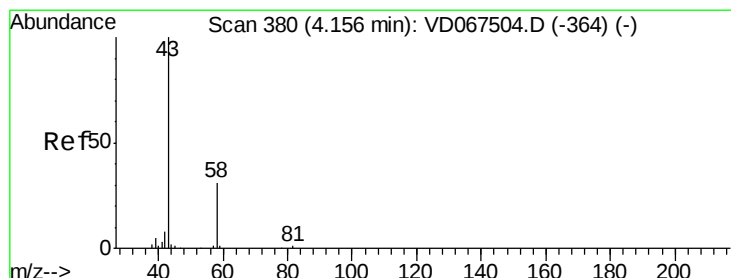
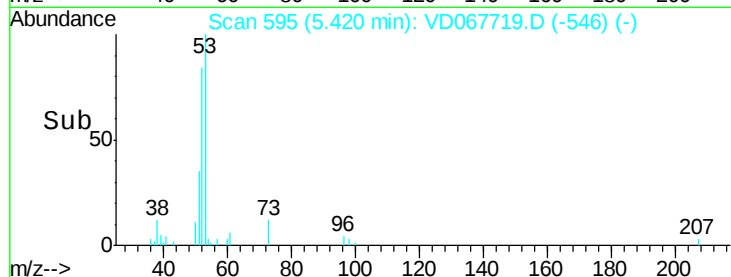
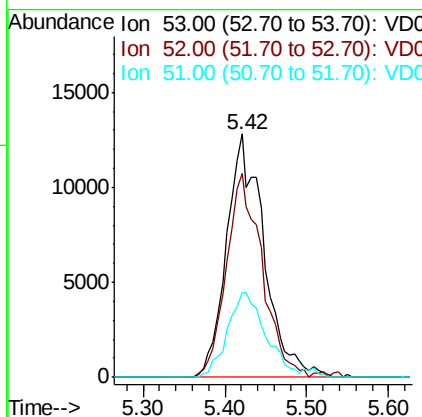
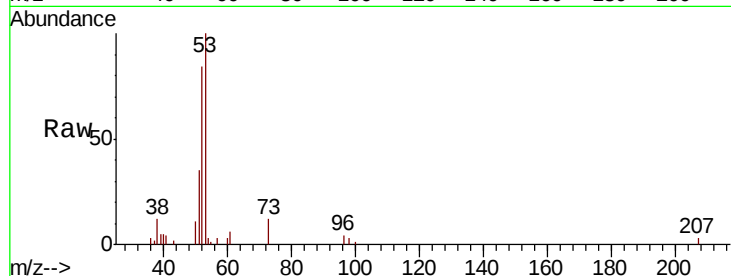
ClientSampleId :

VD1120SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 40749 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 79.8  | 64.8  | 97.2  |
| 51       | 35.6  | 29.5  | 44.3  |

Manual Integrations  
APPROVED

MMDadoda  
11/23/2020 1:41:31 PM



#16

Acetone

Concen: 109.371 ug/l

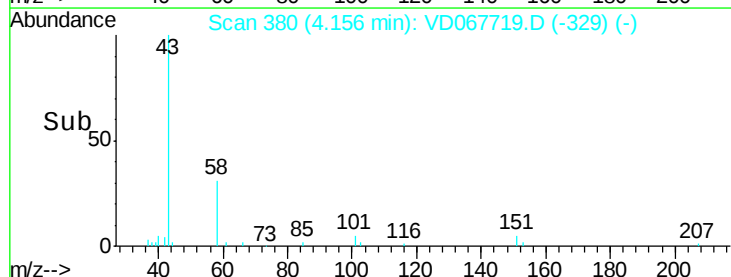
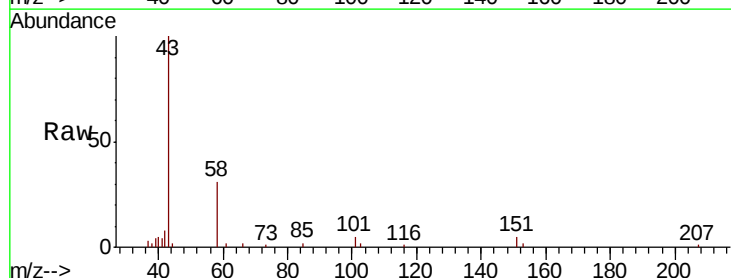
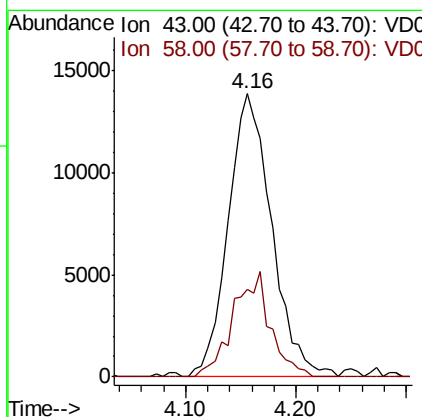
RT: 4.16 min Scan# 380

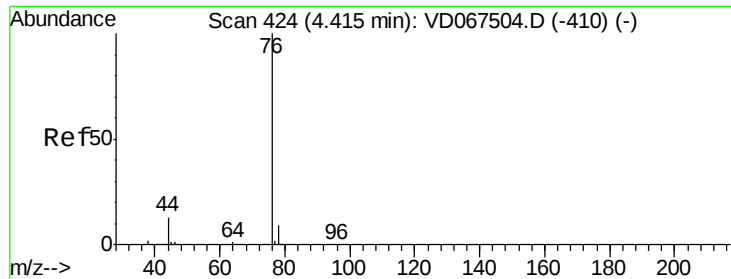
Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 38326 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.1  | 25.2  | 37.8  |





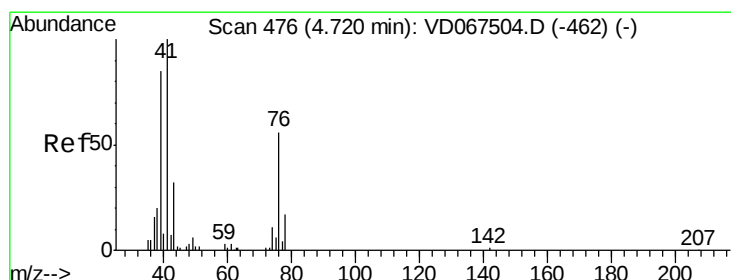
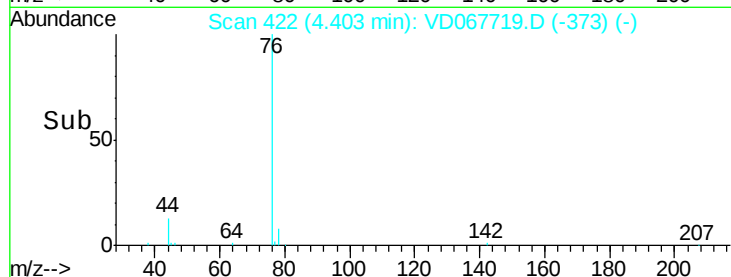
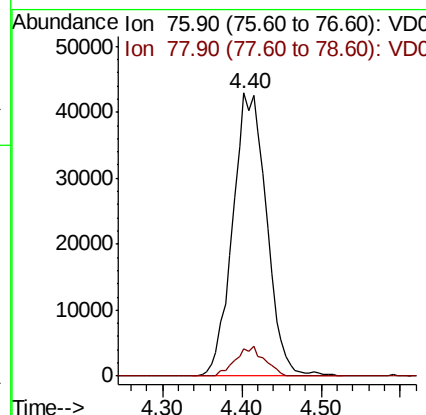
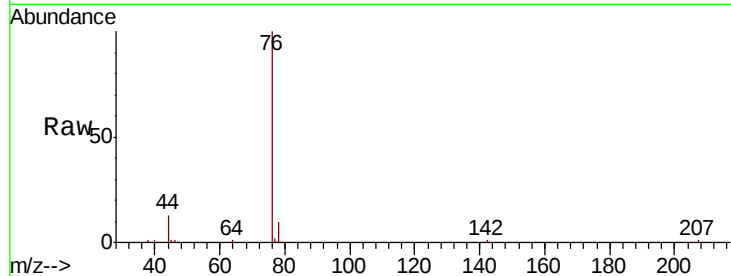
#17  
Carbon Disulfide  
Concen: 18.549 ug/l  
RT: 4.40 min Scan# 422  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.7   | 7.2   | 10.8  |

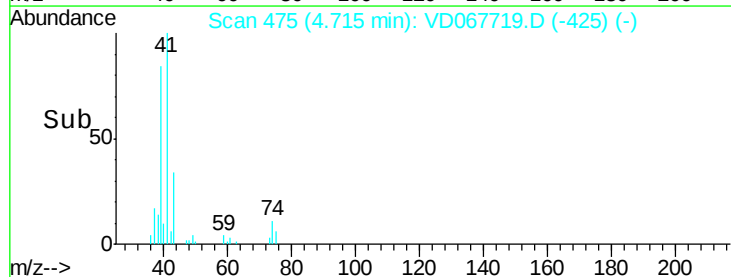
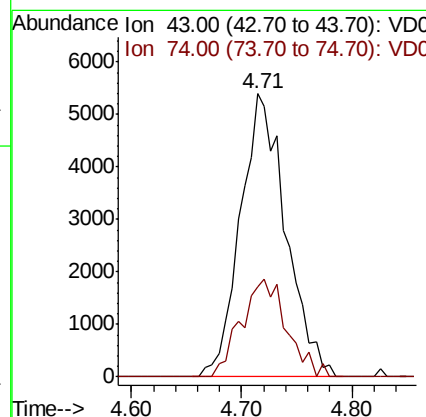
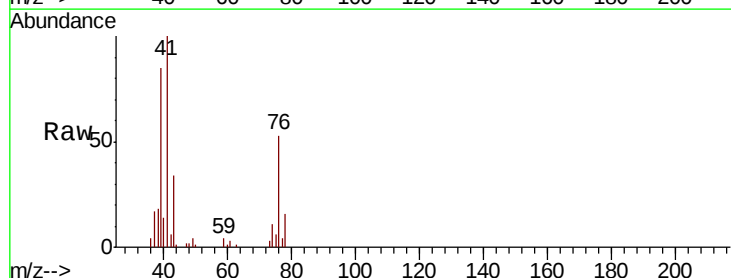
Manual Integrations  
APPROVED

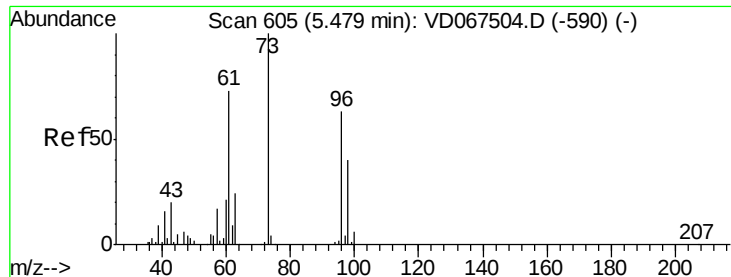
MMDadoda  
11/23/2020 1:41:31 PM



#18  
Methyl Acetate  
Concen: 21.488 ug/l  
RT: 4.71 min Scan# 475  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 34.6  | 27.2  | 40.8  |





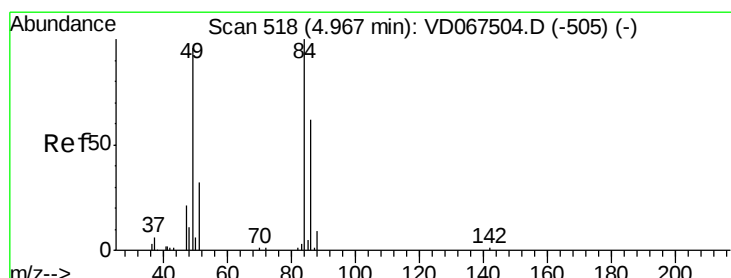
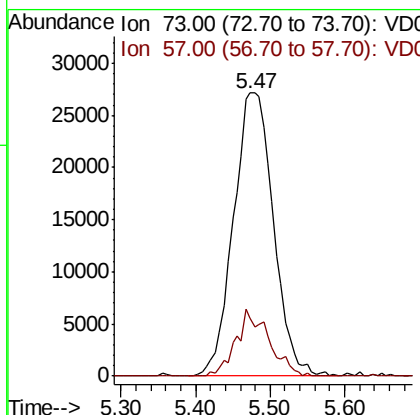
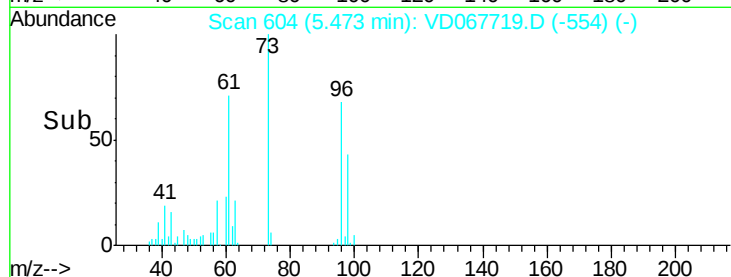
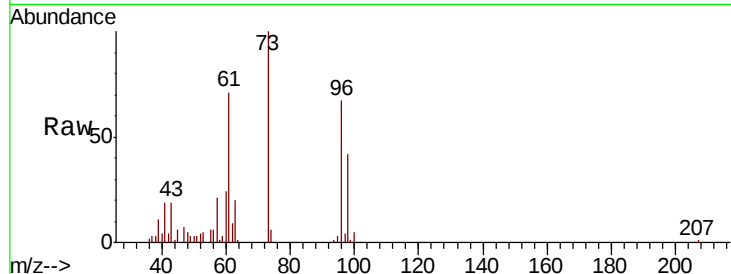
#19  
Methyl tert-butyl Ether  
Concen: 22.918 ug/l  
RT: 5.47 min Scan# 604  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

Tot Ion: 73 Resp: 101045  
Ion Ratio Lower Upper  
73 100  
57 20.5 13.4 20.0#

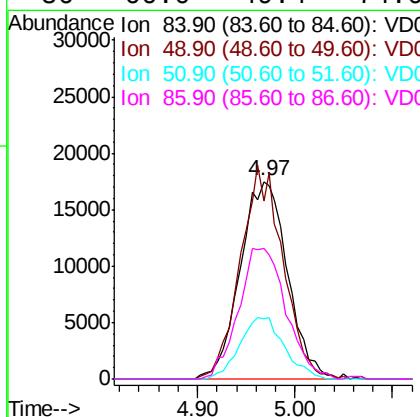
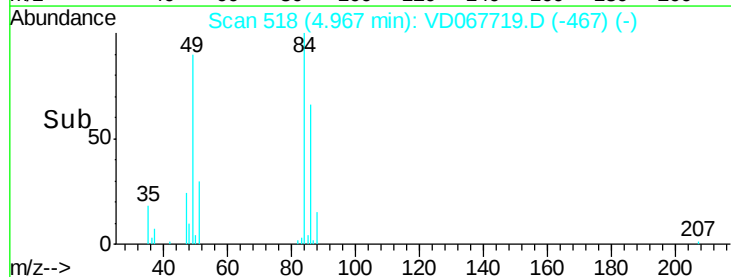
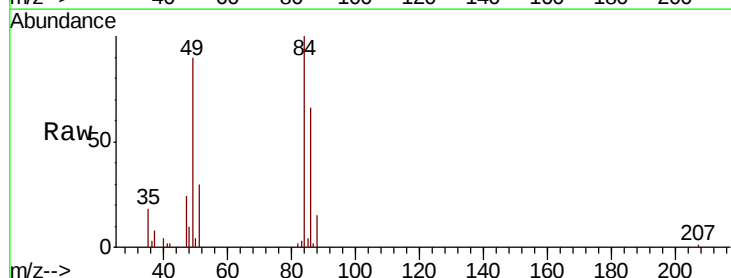
Manual Integrations  
APPROVED

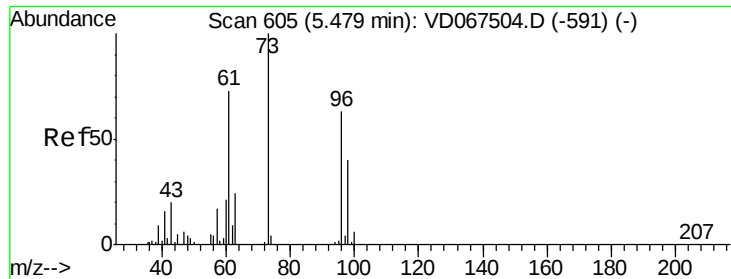
MMDadoda  
11/23/2020 1:41:31 PM



#20  
Methylene Chloride  
Concen: 23.890 ug/l  
RT: 4.97 min Scan# 518  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Tgt Ion: 84 Resp: 59135  
Ion Ratio Lower Upper  
84 100  
49 90.4 77.0 115.4  
51 30.1 25.4 38.2  
86 66.0 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 20.457 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

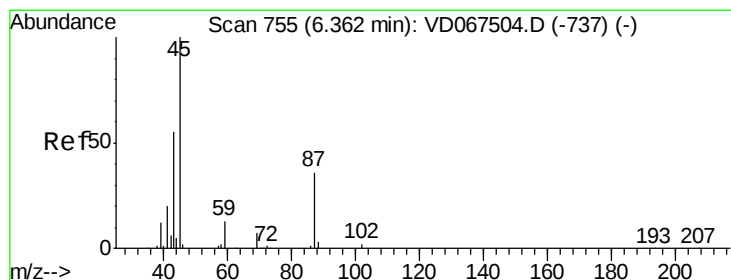
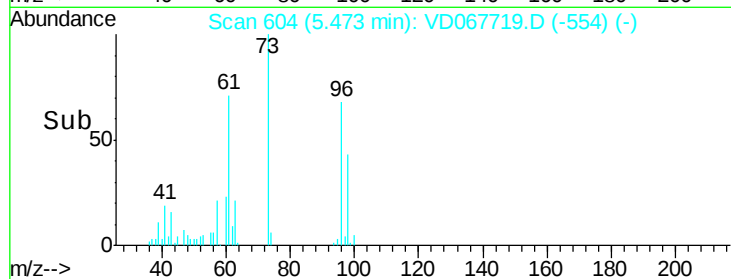
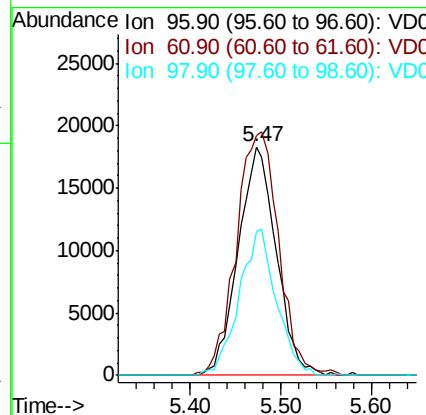
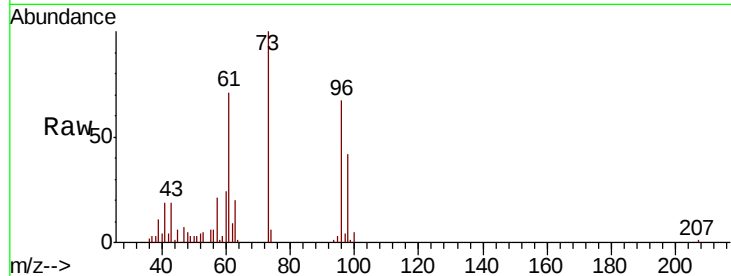
ClientSampleId :

VD1120SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 53259 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 105.1 | 93.0  | 139.6 |
| 98       | 62.7  | 50.9  | 76.3  |

Manual Integrations  
APPROVED

MMDadoda  
11/23/2020 1:41:31 PM



#22

Diisopropyl ether

Concen: 21.868 ug/l

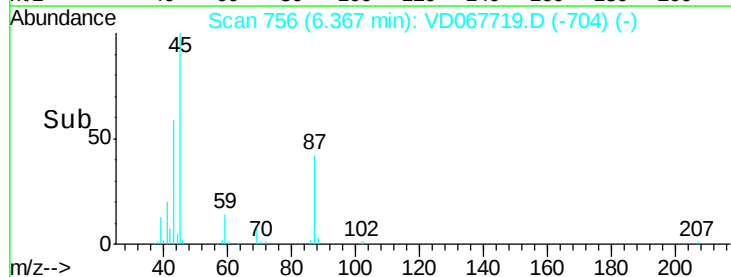
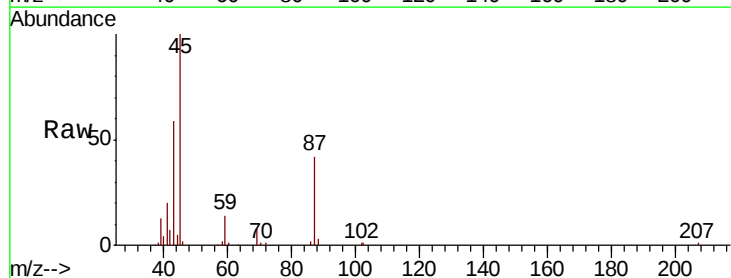
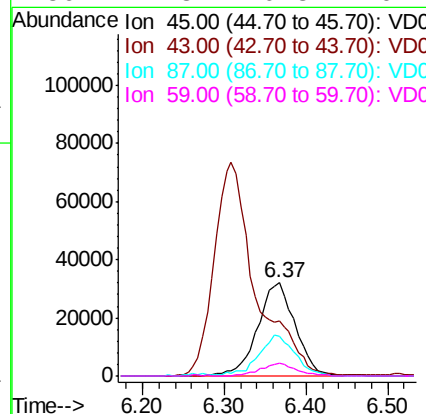
RT: 6.37 min Scan# 756

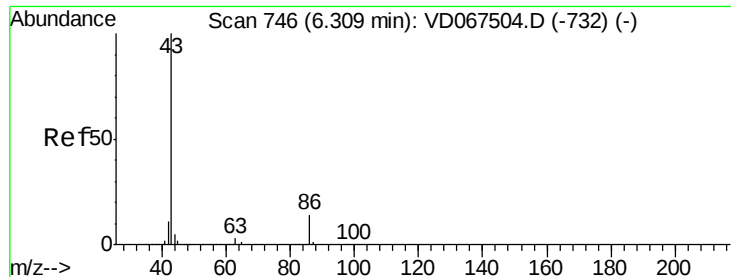
Delta R.T. 0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 101945 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 57.6  | 46.2  | 69.4   |
| 87       | 42.0  | 29.4  | 44.2   |
| 59       | 14.3  | 10.8  | 16.2   |





#23

Vinyl Acetate

Concen: 107.445 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

ClientSampleId :

VD1120SBS01

Tot Ion: 43 Resp: 262195

Ion Ratio Lower Upper

43 100

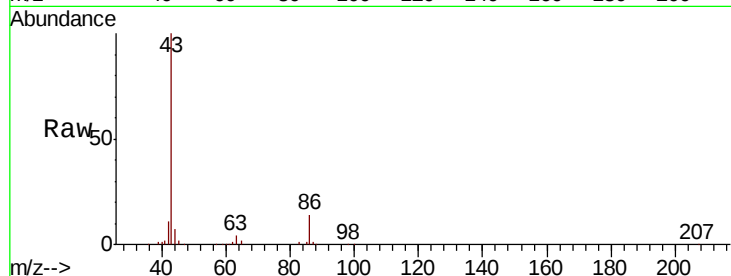
86 14.0 11.6 17.4

Manual Integrations

APPROVED

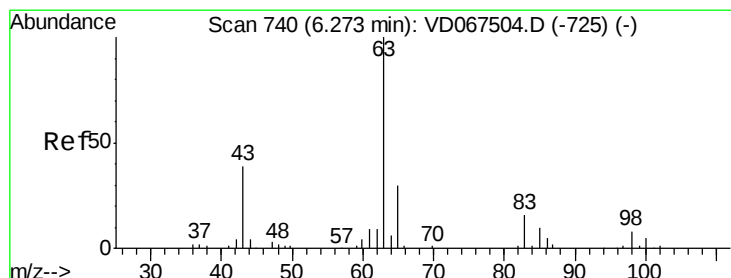
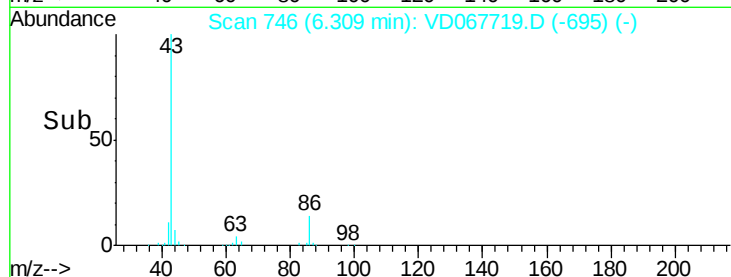
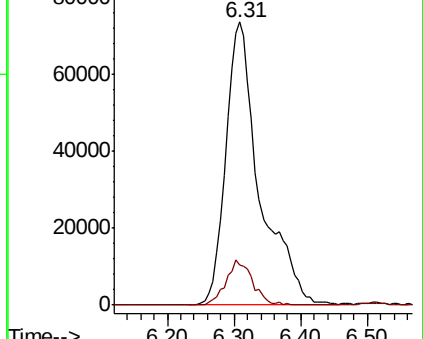
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.207 ug/l

RT: 6.27 min Scan# 740

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

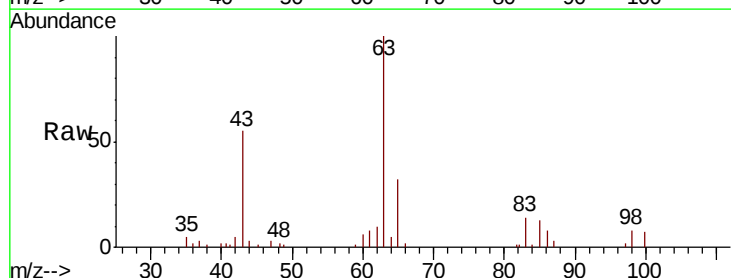
Tgt Ion: 63 Resp: 80882

Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.5

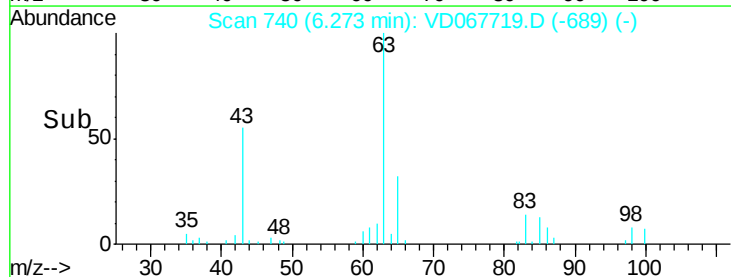
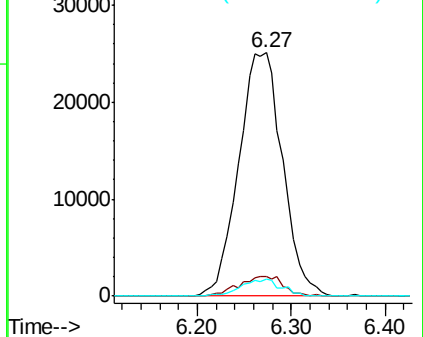
100 7.0 2.6 7.8

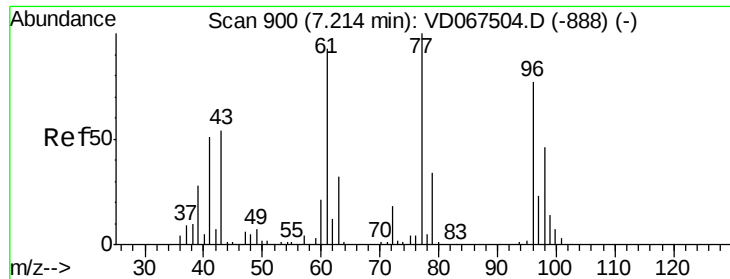


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 112.829 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

ClientSampled :

VD1120SBS01

Tot Ion: 43 Resp: 42247

Ion Ratio Lower Upper

43 100

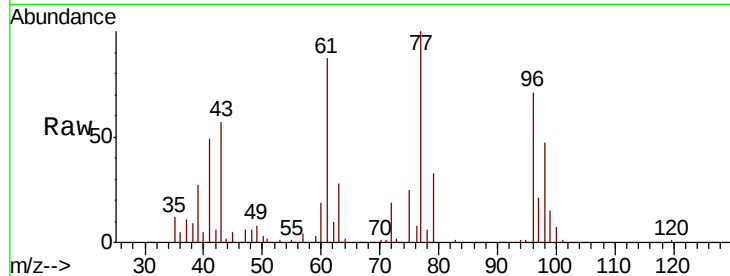
72 32.6 26.4 39.6

Manual Integrations

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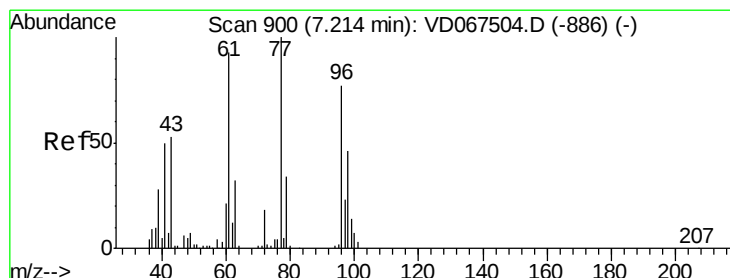
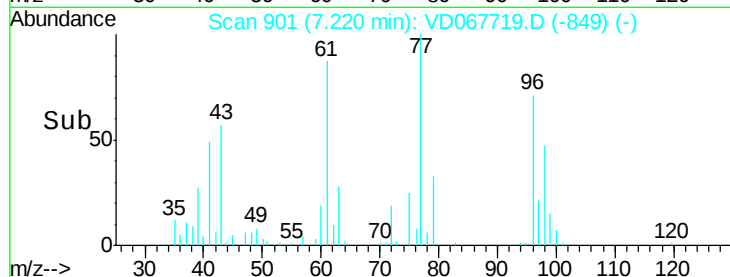
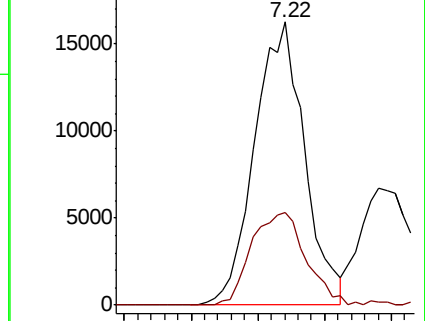
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 22.389 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067719.D

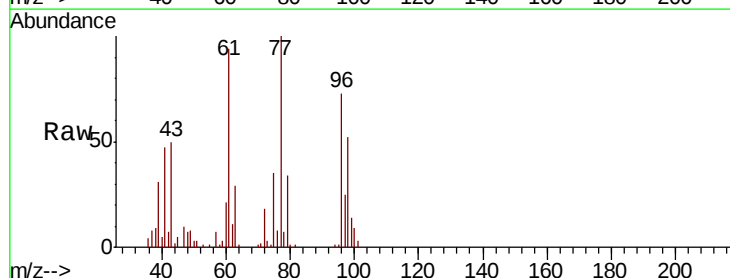
Acq: 20 Nov 2020 12:41

Tgt Ion: 77 Resp: 90120

Ion Ratio Lower Upper

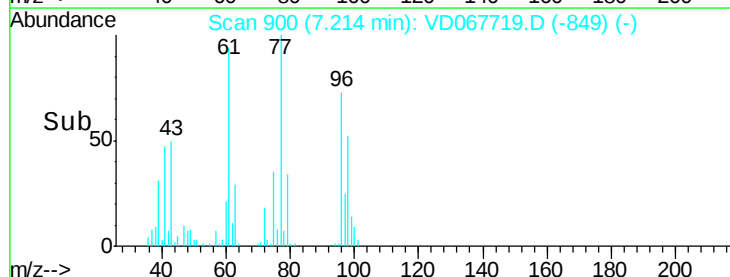
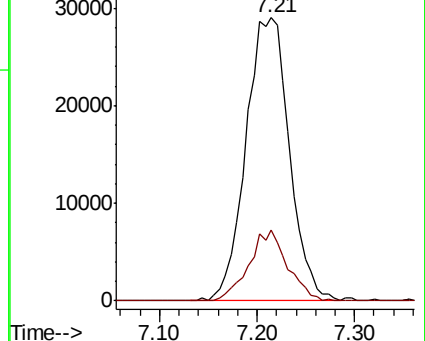
77 100

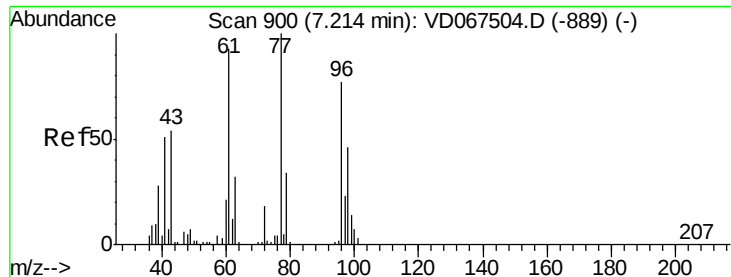
97 22.1 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

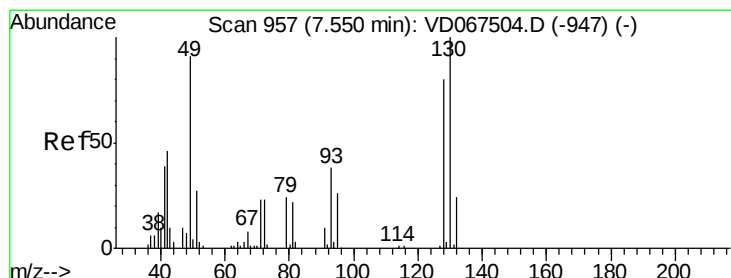
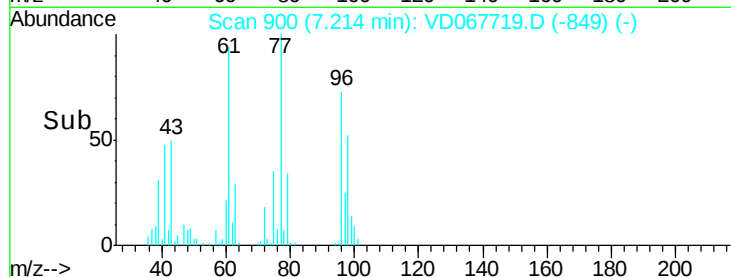
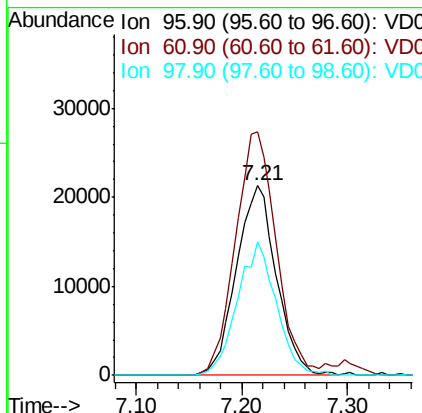
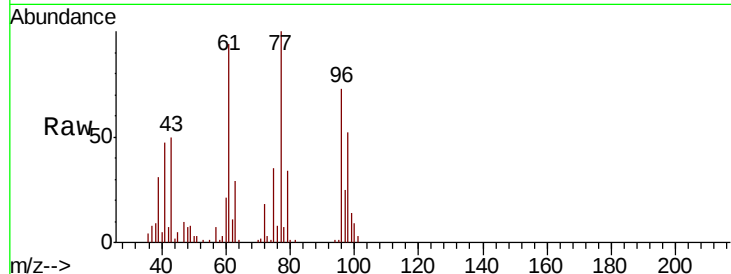
cis-1,2-Dichloroethene  
Concen: 20.787 ug/l  
RT: 7.21 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 130.6 | 0.0   | 251.6 |
| 98      | 68.1  | 0.0   | 128.0 |

Manual Integrations  
APPROVED

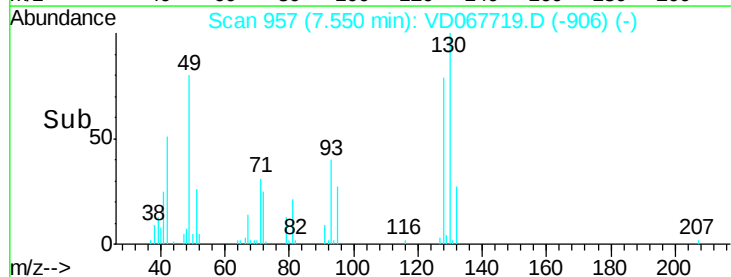
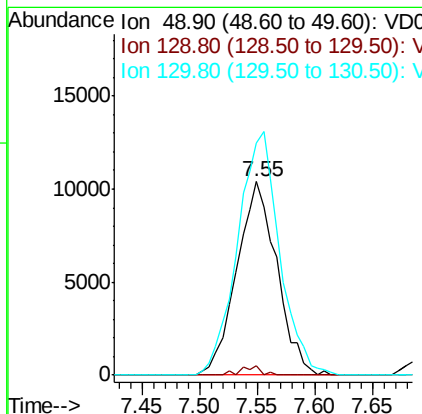
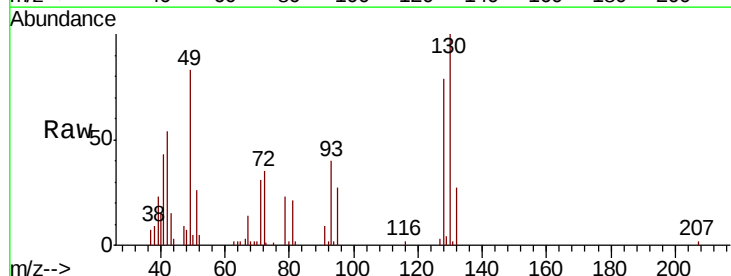
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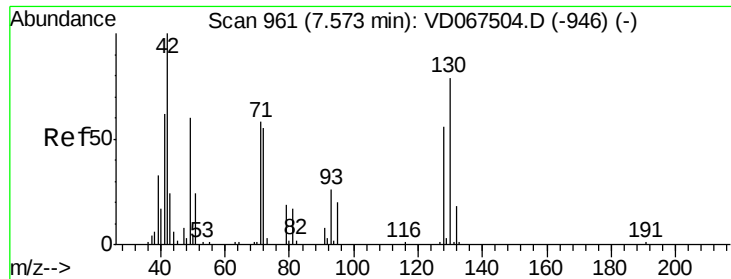


#28

Bromochloromethane  
Concen: 18.510 ug/l  
RT: 7.55 min Scan# 957  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.3   | 0.0   | 6.4   |
| 130     | 131.8 | 94.6  | 142.0 |





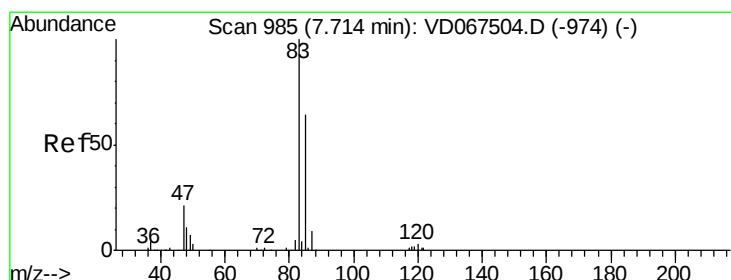
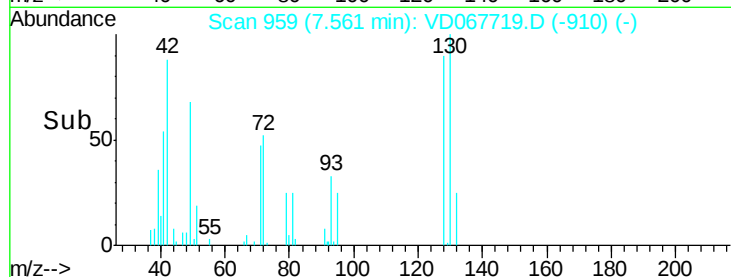
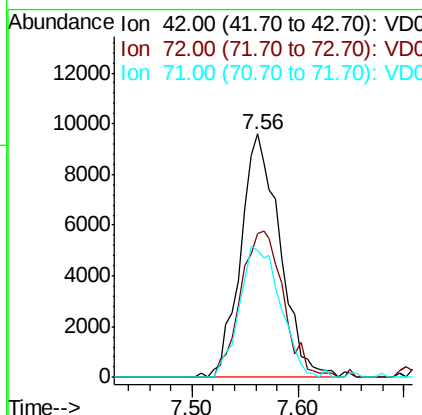
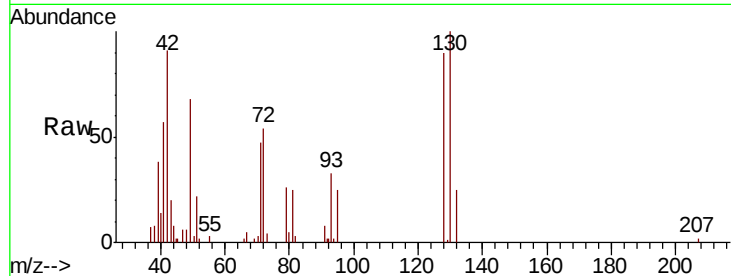
#29  
Tetrahydrofuran  
Concen: 110.528 ug/l  
RT: 7.56 min Scan# 959  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 65.2  | 46.3  | 69.5  |
| 71      | 55.9  | 44.0  | 66.0  |

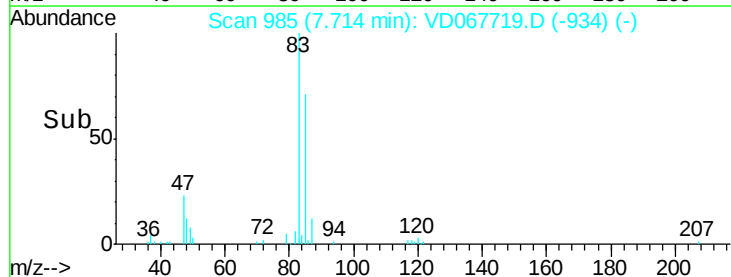
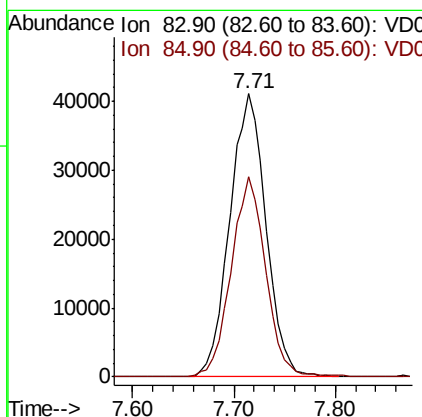
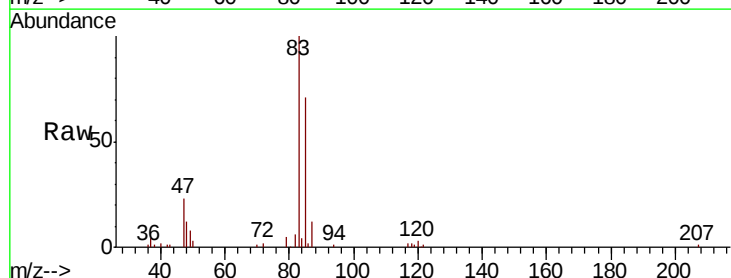
Manual Integrations  
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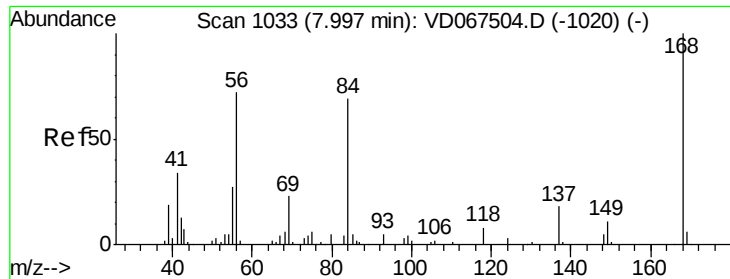
MMDadoda  
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#30  
Chloroform  
Concen: 22.315 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 70.7  | 51.5  | 77.3  |





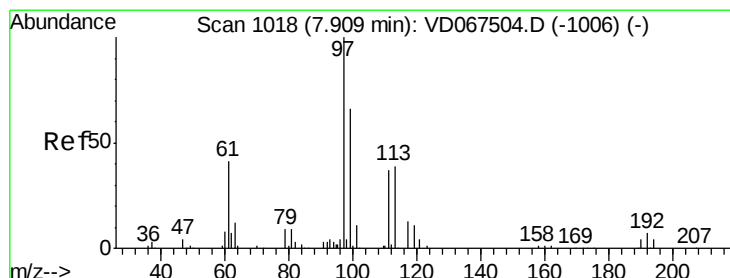
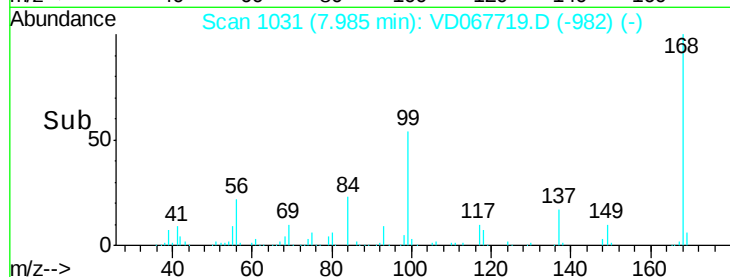
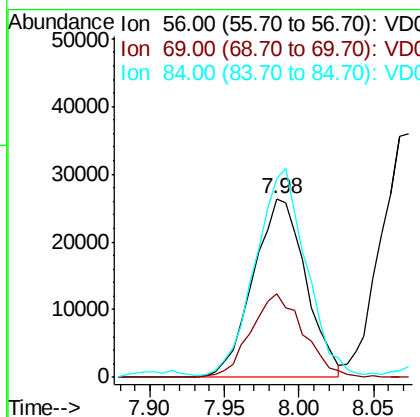
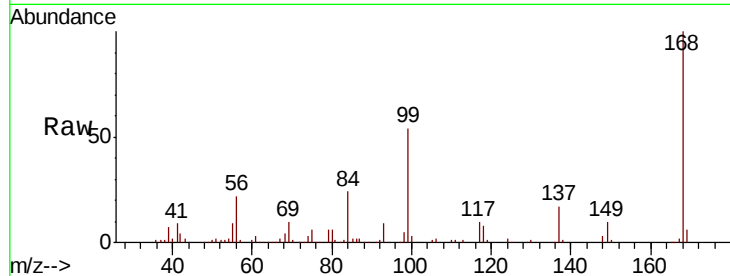
#31  
Cyclohexane  
Concen: 19.004 ug/l  
RT: 7.98 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

| Tot Ion | 56    | 69    | 84    |
|---------|-------|-------|-------|
| Resp    | 64544 |       |       |
| Ratio   | 100   | 47.0  | 110.3 |
| Lower   |       | 25.9  | 76.2  |
| Upper   |       | 38.9# | 114.4 |

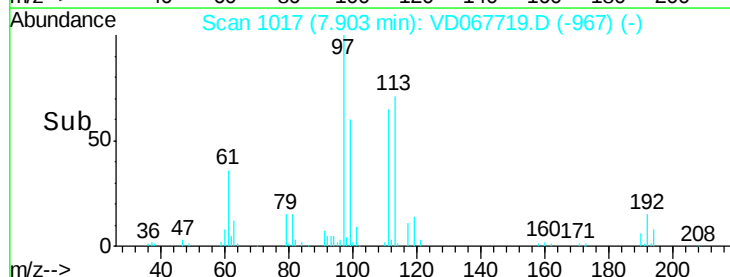
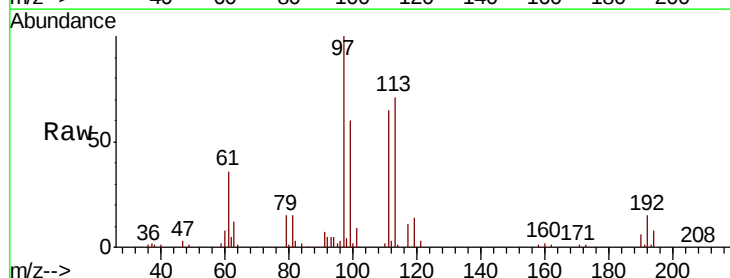
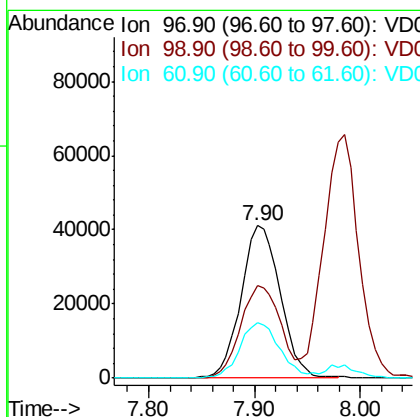
Manual Integrations  
APPROVED

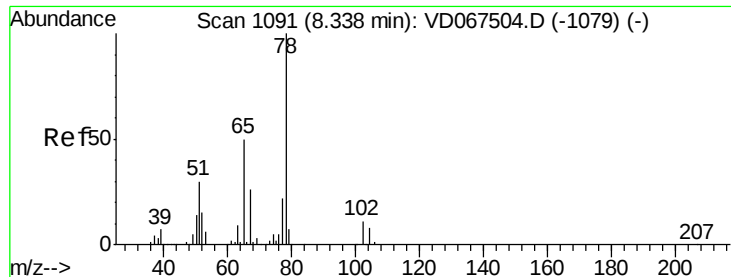
MMDadoda  
11/23/2020 1:41:31 PM



#32  
1,1,1-Trichloroethane  
Concen: 22.575 ug/l  
RT: 7.90 min Scan# 1017  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

| Tgt Ion | 97     | 99   | 61   |
|---------|--------|------|------|
| Resp    | 105979 |      |      |
| Ratio   | 100    | 61.1 | 36.7 |
| Lower   |        | 51.8 | 30.5 |
| Upper   |        | 77.6 | 45.7 |





#33

1,2-Dichloroethane-d4

Concen: 47.785 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

ClientSampleId :

VD1120SBS01

Tot Ion: 65 Resp: 111898

Ion Ratio Lower Upper

65 100

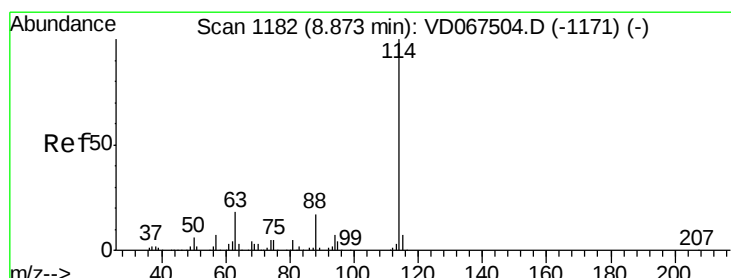
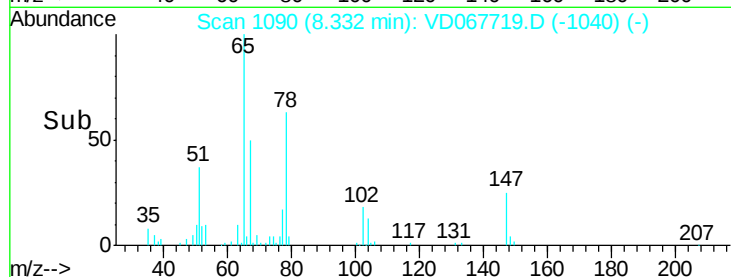
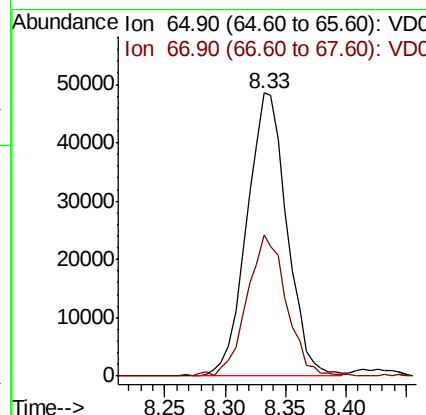
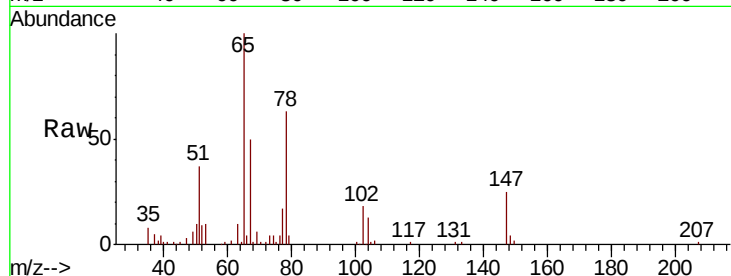
67 49.5 0.0 99.4

Manual Integrations

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11/23/2020 1:41:31 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

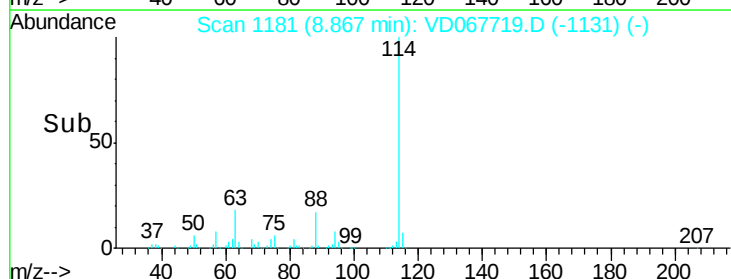
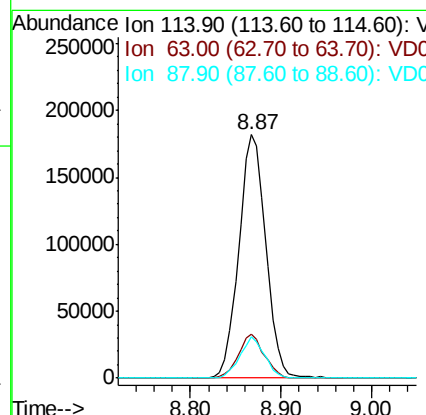
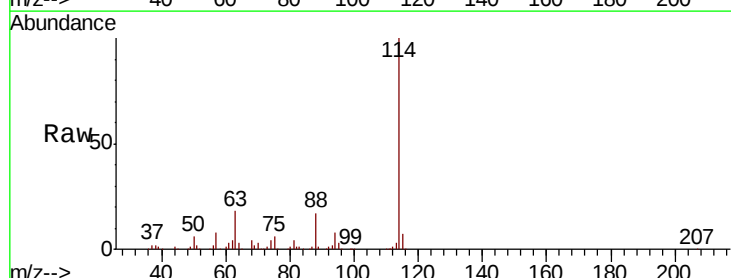
Tgt Ion: 114 Resp: 377092

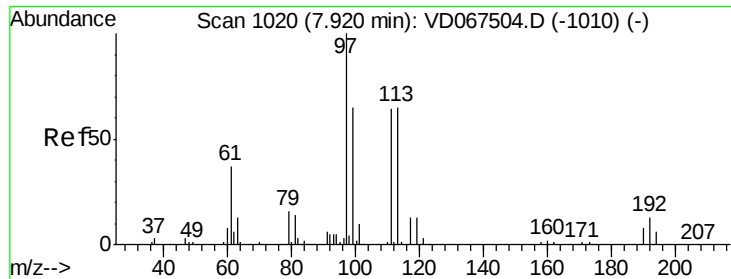
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 17.2 0.0 33.0





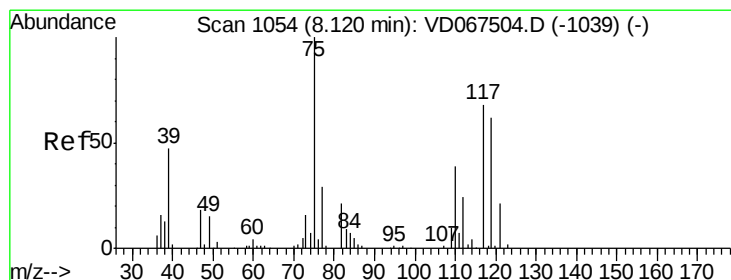
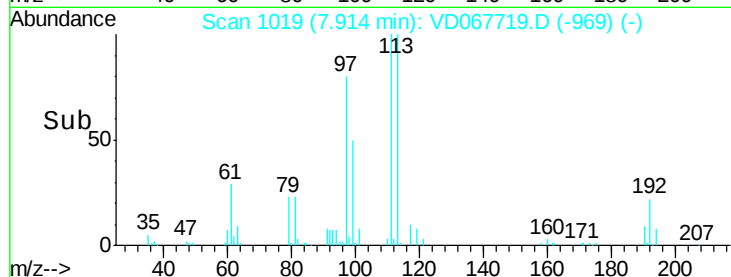
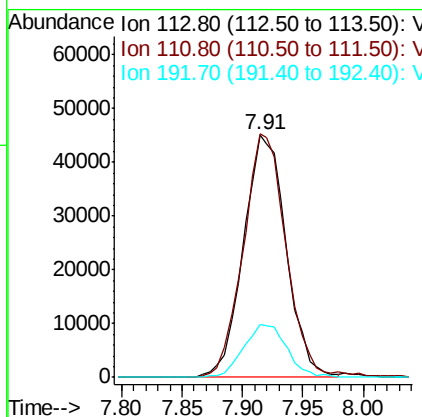
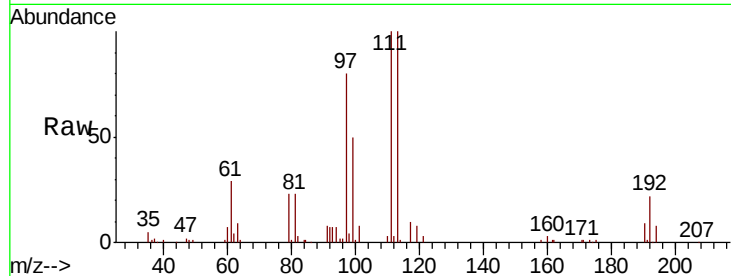
#35  
Dibromofluoromethane  
Concen: 48.714 ug/l  
RT: 7.91 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 110677 |       |       |
| 111     | 101.9 | 80.0   | 120.0 |       |
| 192     | 22.3  | 16.3   | 24.5  |       |

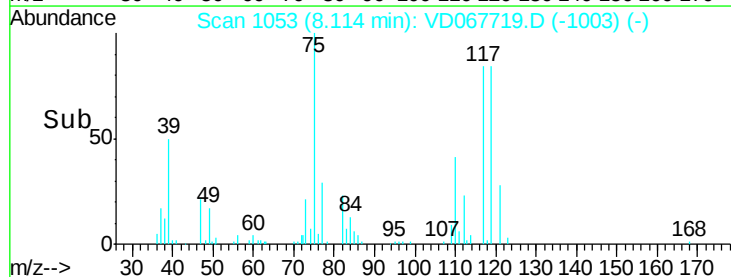
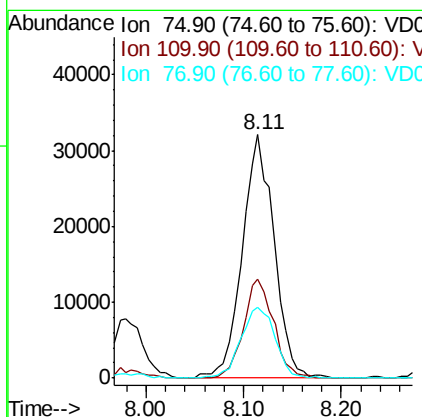
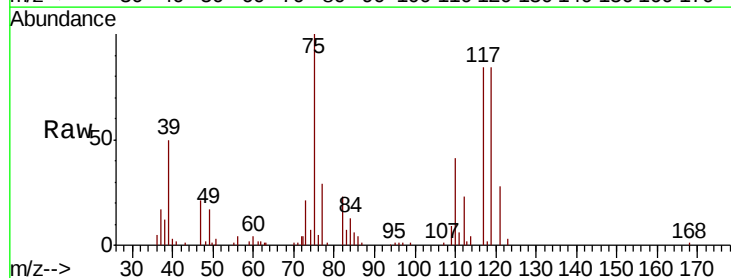
Manual Integrations  
APPROVED

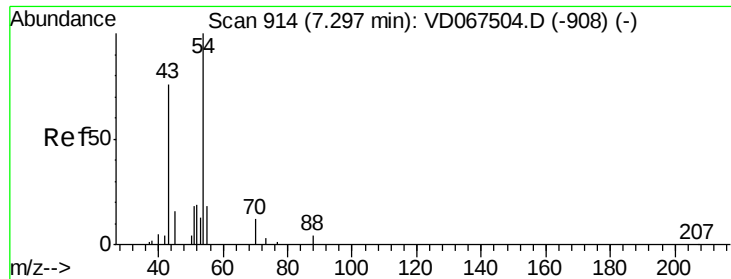
MMDadoda  
11/23/2020 1:41:31 PM



#36  
1,1-Dichloropropene  
Concen: 22.521 ug/l  
RT: 8.11 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 72695 |       |       |
| 110     | 38.5  | 19.9  | 59.7  |       |
| 77      | 31.3  | 24.8  | 37.2  |       |





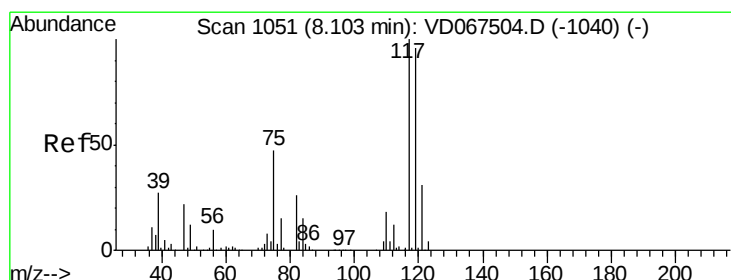
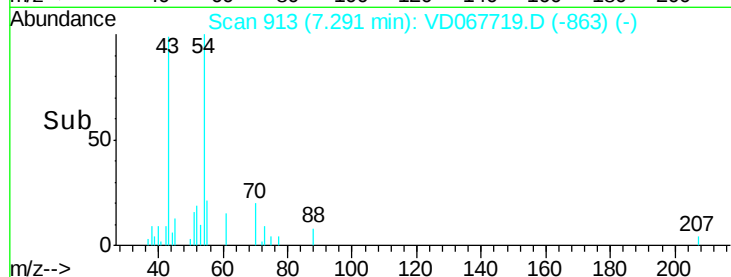
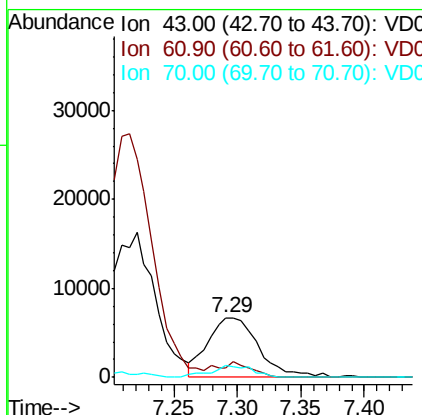
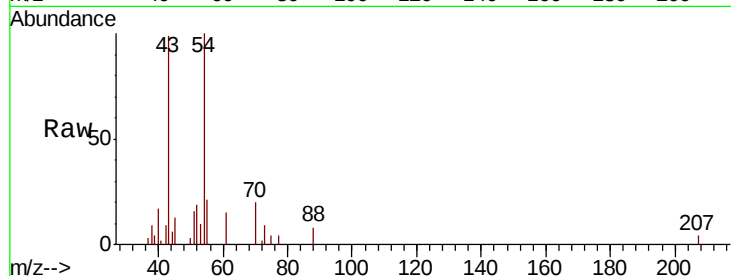
#37  
Ethyl Acetate  
Concen: 22.224 ug/l  
RT: 7.29 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 0.0   | 12.8  | 19.2# |
| 70      | 16.5  | 11.7  | 17.5  |

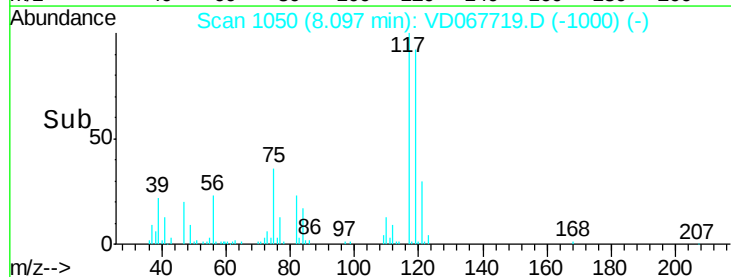
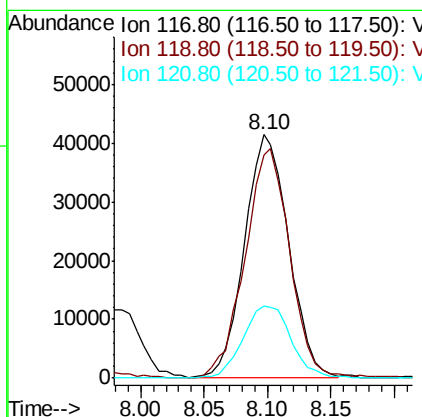
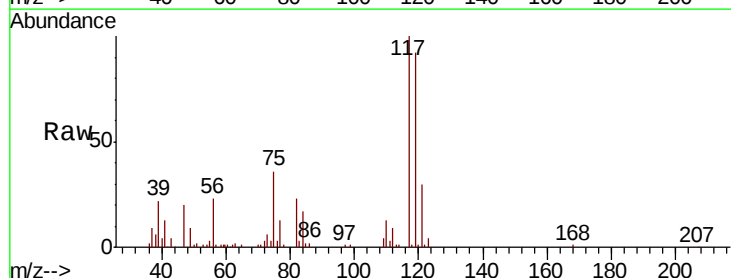
Manual Integrations  
APPROVED

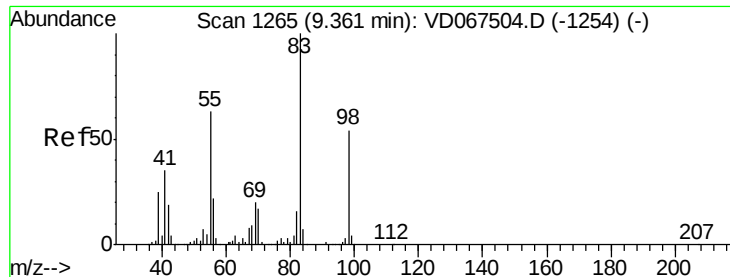
MMDadoda  
11/23/2020 1:41:31 PM



#38  
Carbon Tetrachloride  
Concen: 23.758 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 91.9  | 76.9  | 115.3 |
| 121     | 29.9  | 24.5  | 36.7  |





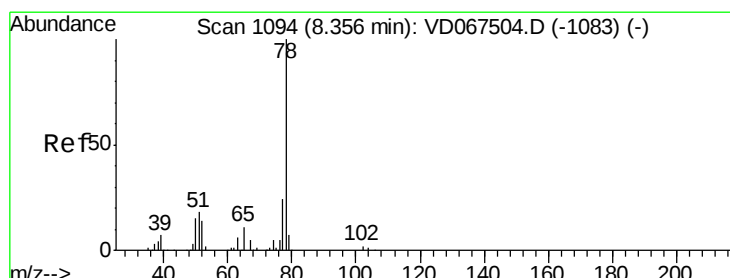
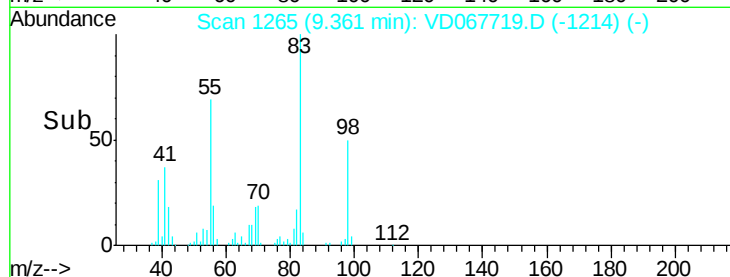
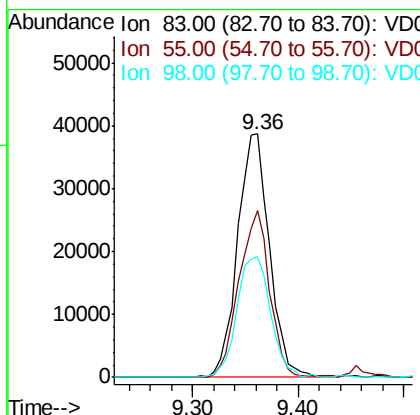
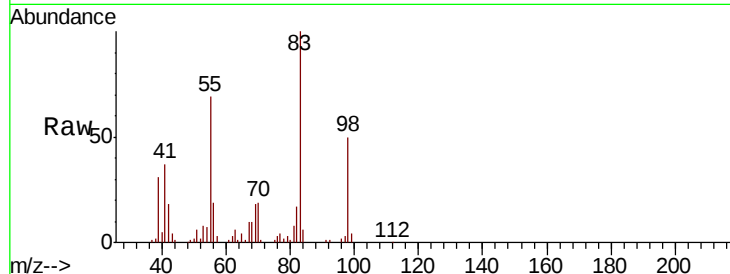
#39  
Methvlcvclohexane  
Concen: 21.265 ug/l  
RT: 9.36 min Scan# 1265  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 68.8  | 50.5  | 75.7  |
| 98      | 49.8  | 43.4  | 65.0  |

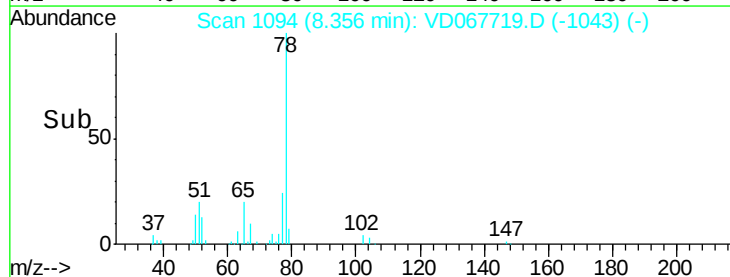
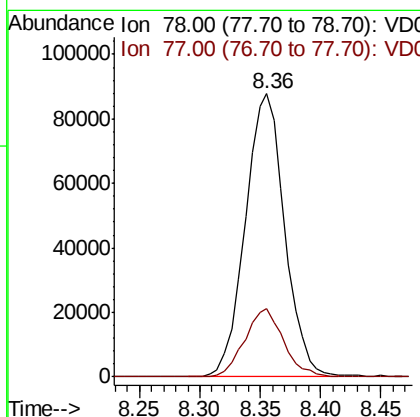
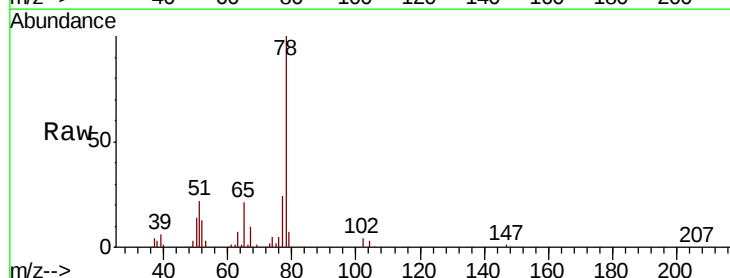
Manual Integrations  
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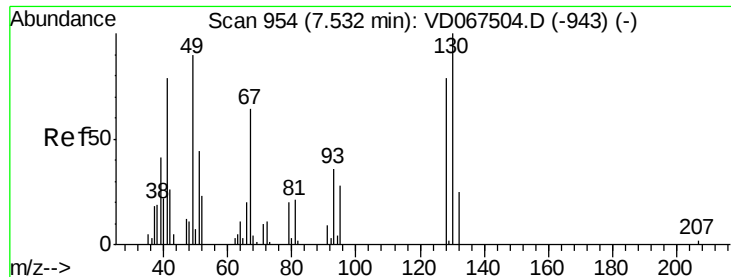
MMDadoda  
11/23/2020 1:41:31 PM



#40  
Benzene  
Concen: 22.700 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.0  | 19.1  | 28.7  |





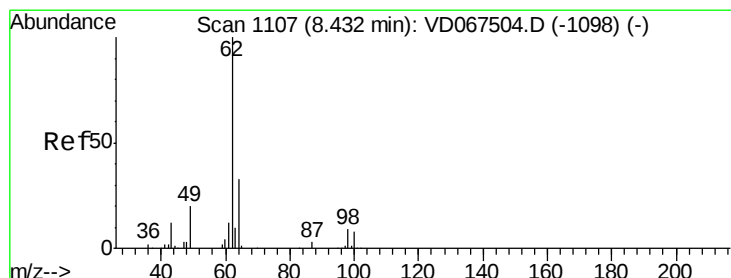
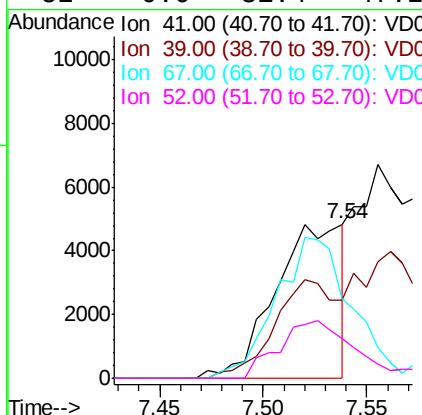
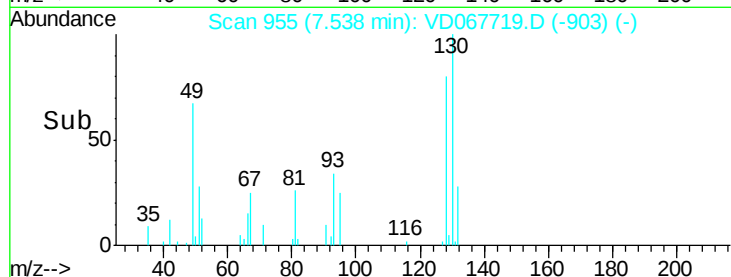
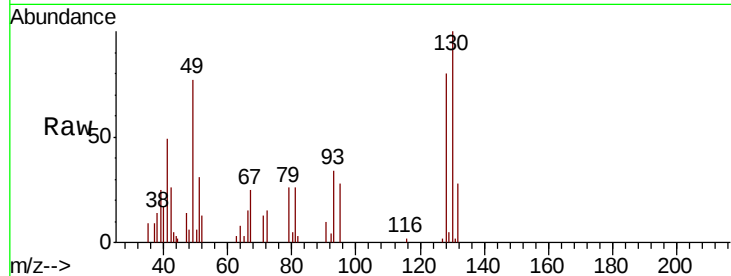
#41  
Methacrylonitrile  
Concen: 22.010 ug/l m  
RT: 7.54 min Scan# 955  
Delta R.T. 0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 41      | 100   |       |        |
| 39      | 88.9  | 51.3  | 76.9#  |
| 67      | 0.0   | 78.9  | 118.3# |
| 52      | 0.0   | 31.4  | 47.2#  |

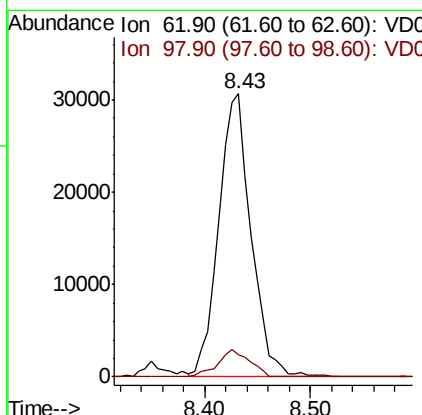
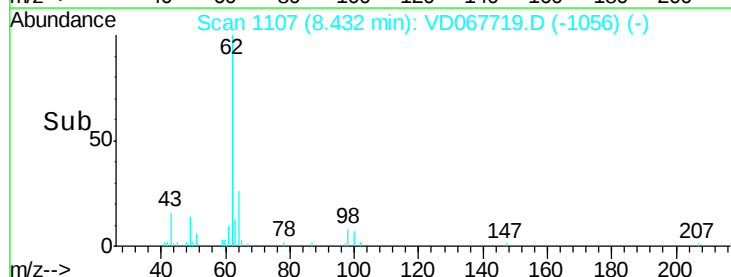
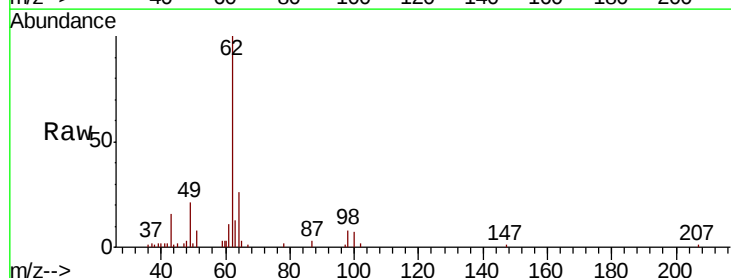
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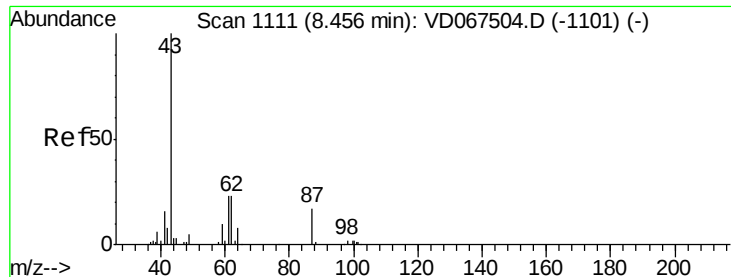
MMDadoda  
11/23/2020 1:41:31 PM



#42  
1,2-Dichloroethane  
Concen: 24.077 ug/l  
RT: 8.43 min Scan# 1107  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.4   | 0.0   | 19.8  |





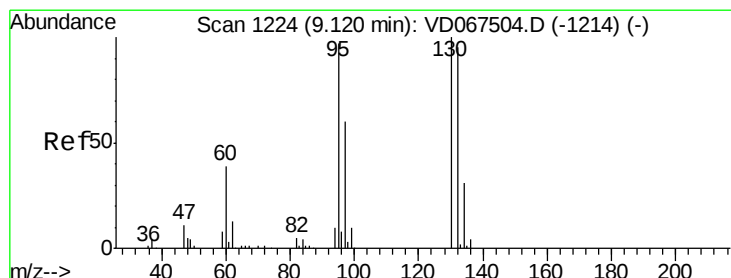
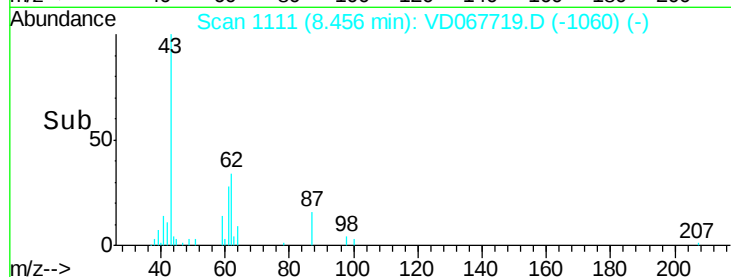
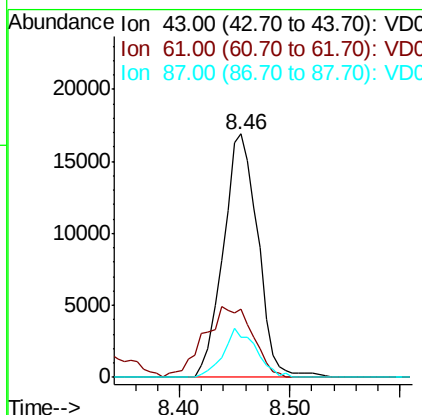
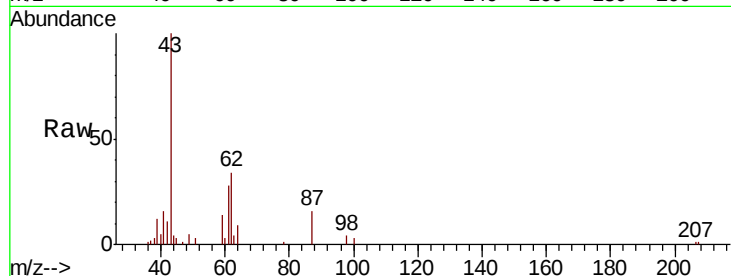
#43  
Isopropyl Acetate  
Concen: 22.361 ug/l  
RT: 8.46 min Scan# 1111  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 40.2  | 30.5  | 45.7  |
| 87      | 18.9  | 14.7  | 22.1  |

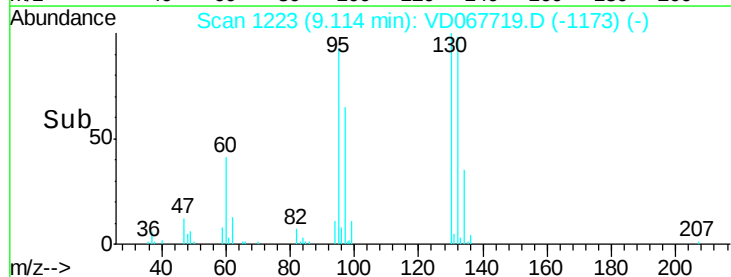
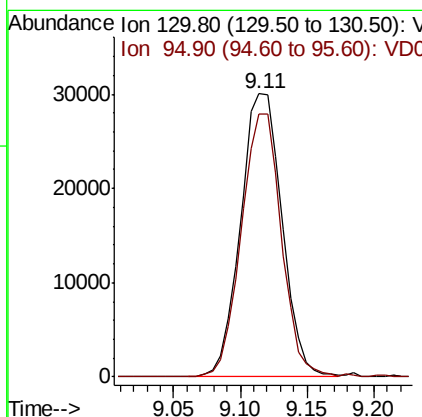
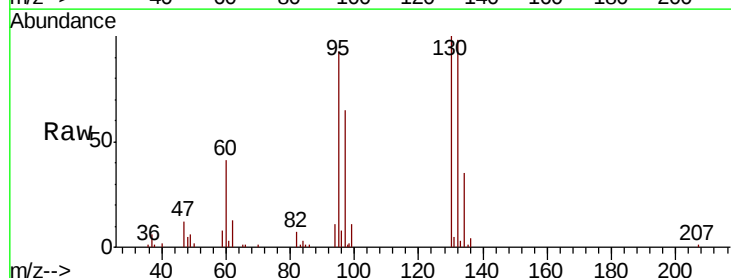
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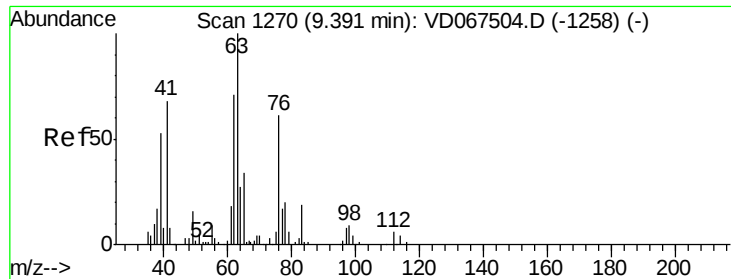
MMDadoda  
11/23/2020 1:41:31 PM



#44  
Trichloroethene  
Concen: 22.502 ug/l  
RT: 9.11 min Scan# 1223  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 92.9  | 0.0   | 194.4 |





#45

1,2-Dichloropropane

Concen: 22.570 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

ClientSampleId :

VD1120SBS01

Tot Ion: 63 Resp: 42666

Ion Ratio Lower Upper

63 100

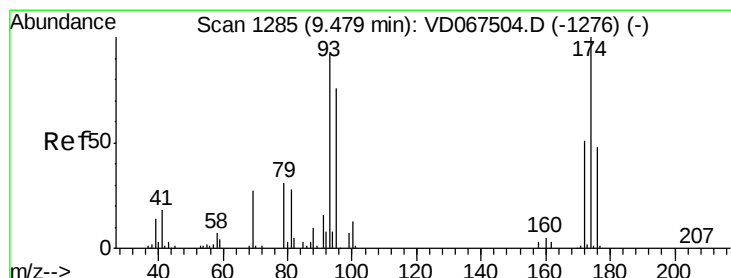
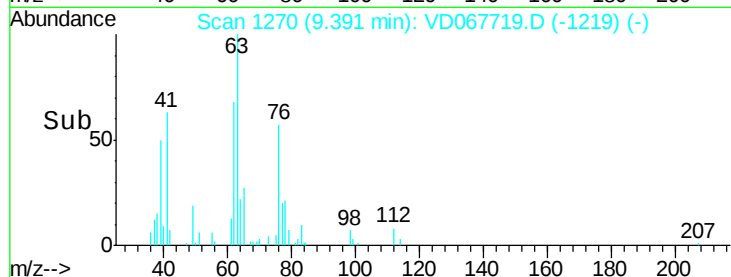
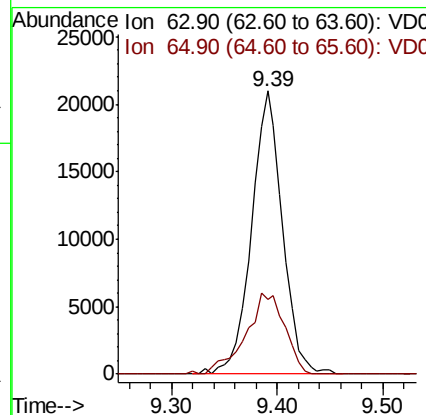
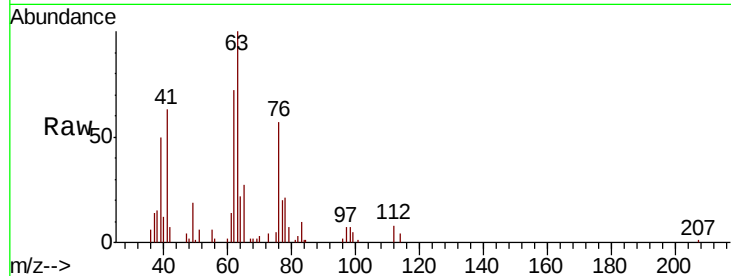
65 26.5 26.9 40.3#

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11/23/2020 1:41:31 PM



#46

Dibromomethane

Concen: 23.895 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

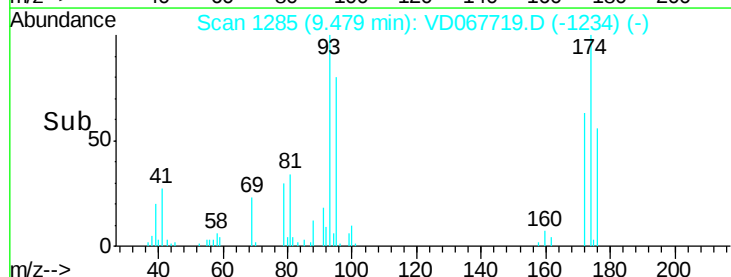
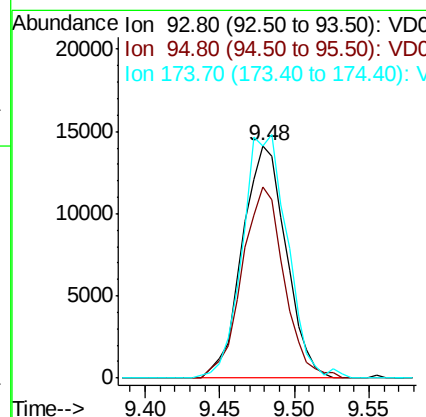
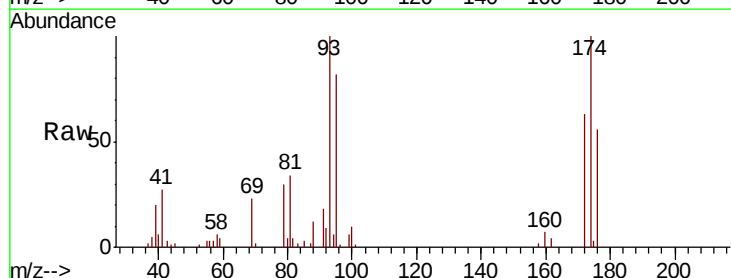
Tgt Ion: 93 Resp: 28721

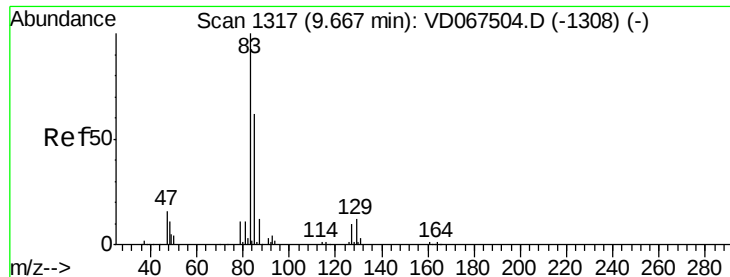
Ion Ratio Lower Upper

93 100

95 79.2 66.4 99.6

174 107.7 88.2 132.4





#47

Bromodichloromethane

Concen: 23.576 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

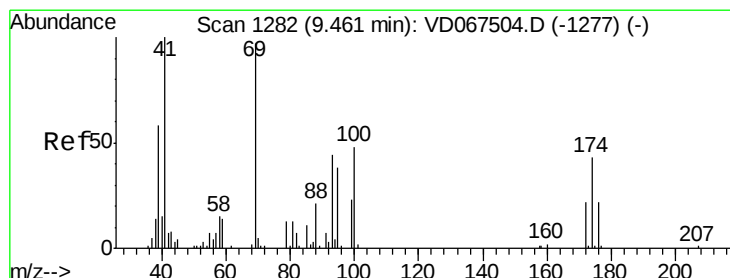
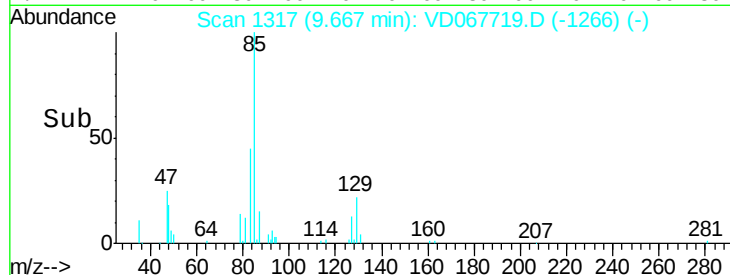
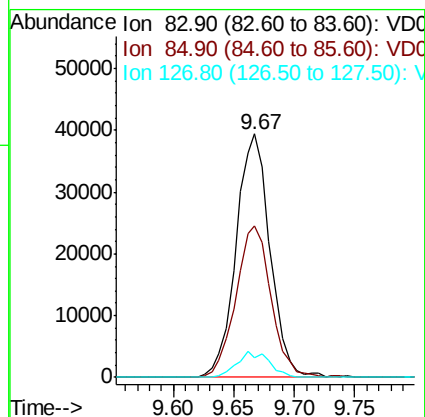
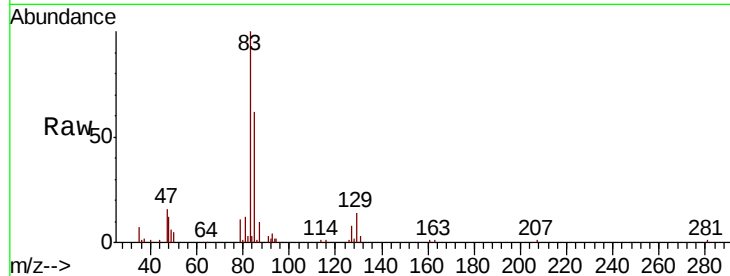
ClientSampleId :

VD1120SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 77022 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 62.4  | 49.4  | 74.2  |
| 127      | 8.3   | 7.7   | 11.5  |

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#48

Methyl methacrylate

Concen: 21.230 ug/l

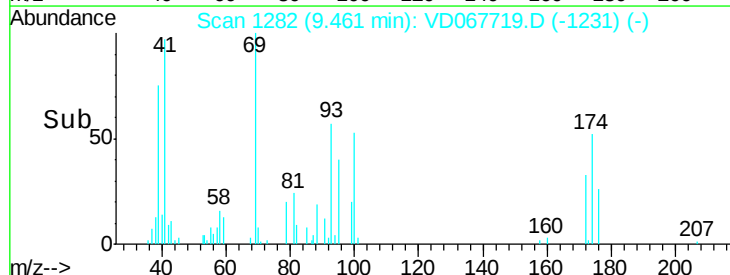
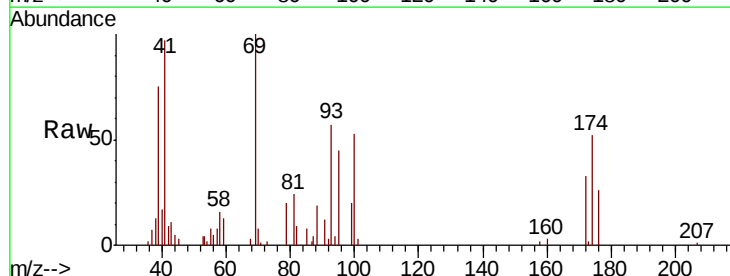
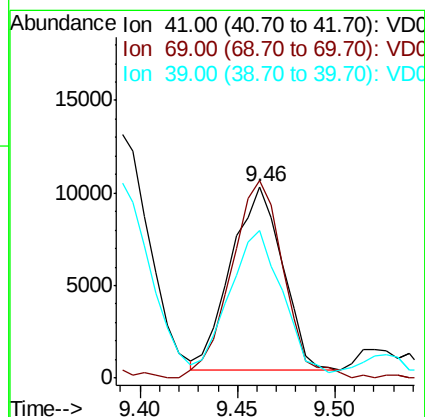
RT: 9.46 min Scan# 1282

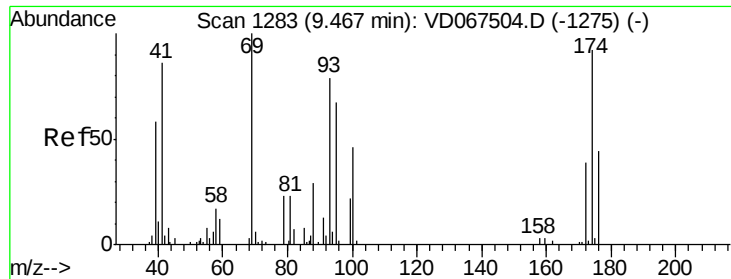
Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 18167 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 110.0 | 80.6  | 121.0 |
| 39       | 77.3  | 50.2  | 75.4# |





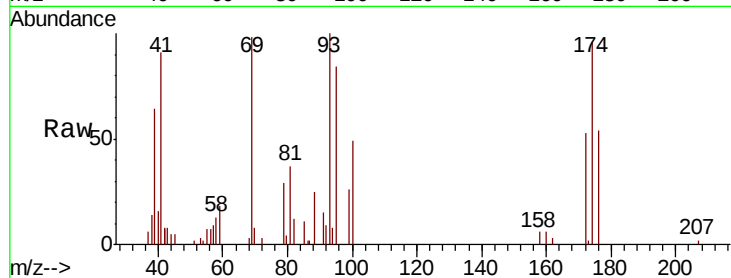
#49  
1,4-Dioxane  
Concen: 446.155 ug/l  
RT: 9.47 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBSD01

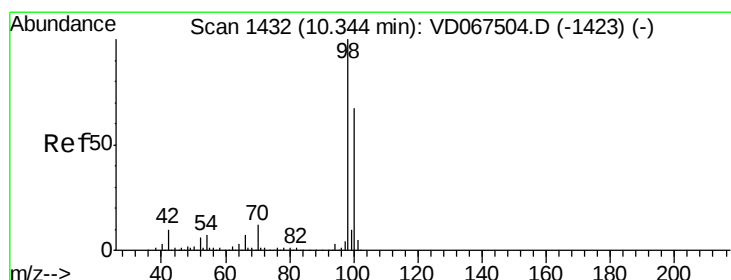
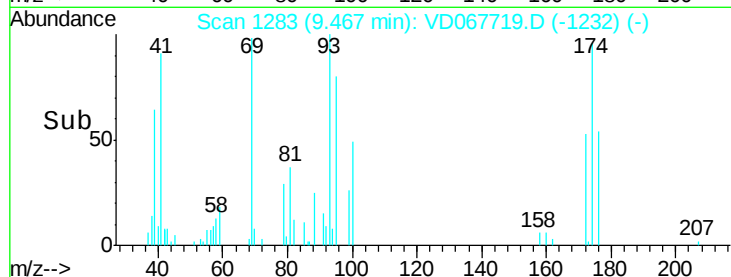
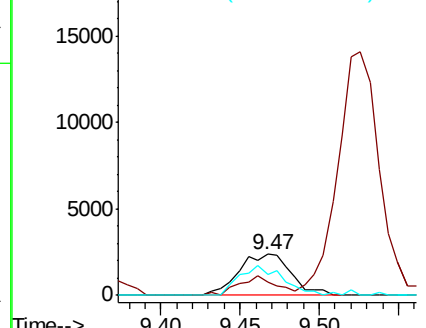
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 33.8  | 23.6  | 35.4  |
| 58      | 60.6  | 44.7  | 67.1  |

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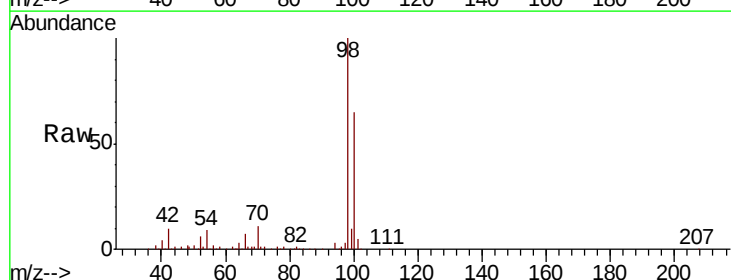


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.00 (42.70 to 43.70): VDC  
Ion 58.00 (57.70 to 58.70): VDC

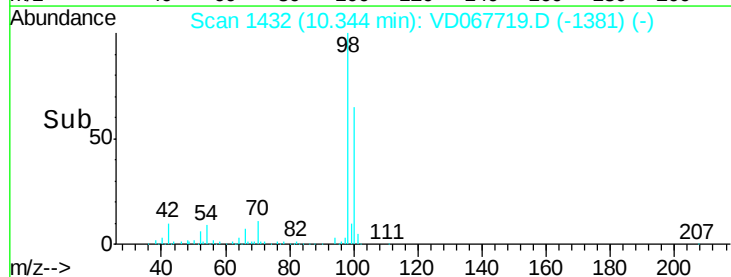
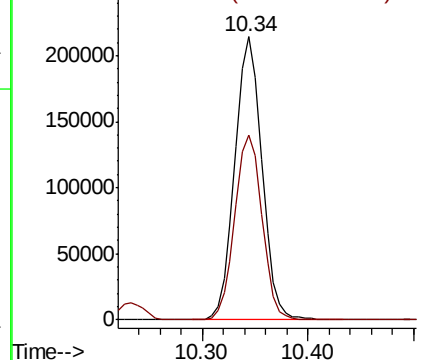


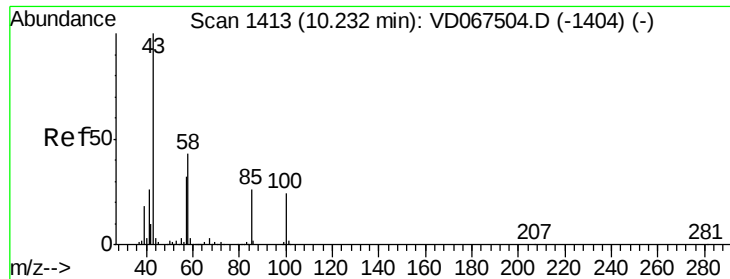
#50  
Toluene-d8  
Concen: 47.543 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.9  | 53.0  | 79.6  |



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





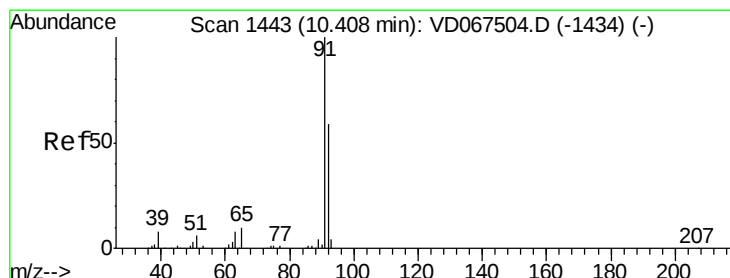
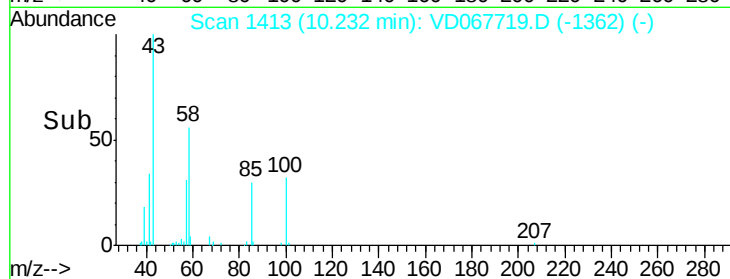
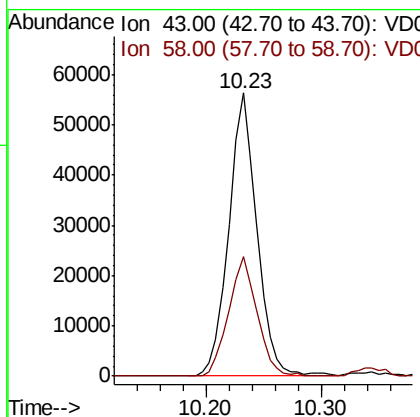
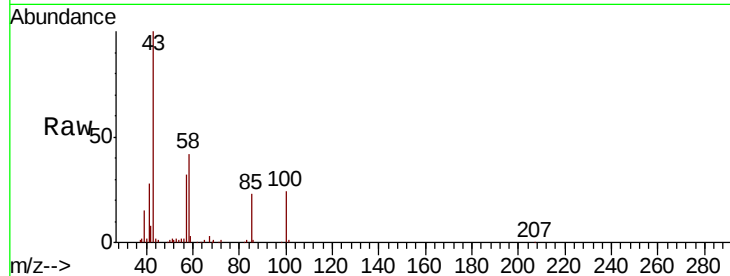
#51  
4-Methyl-2-Pentanone  
Concen: 120.114 ug/l  
RT: 10.23 min Scan# 1413  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

| Tot Ion | 43    | Resp  | 95205 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 43      | 100   |       |       |
| 58      | 42.8  | 35.6  | 53.4  |

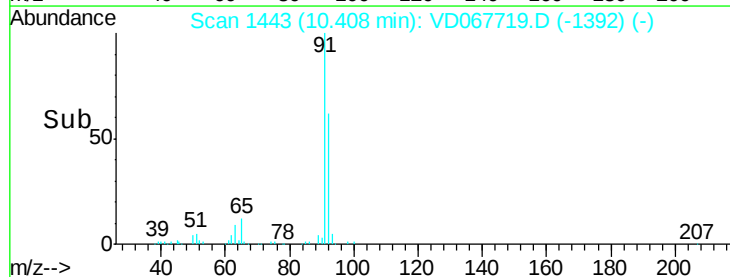
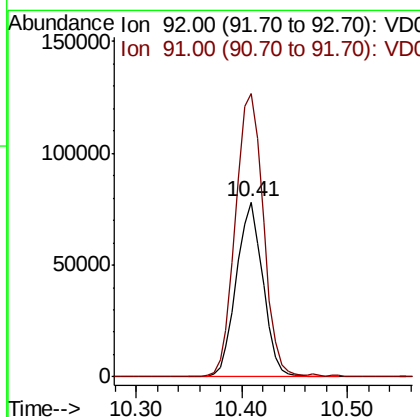
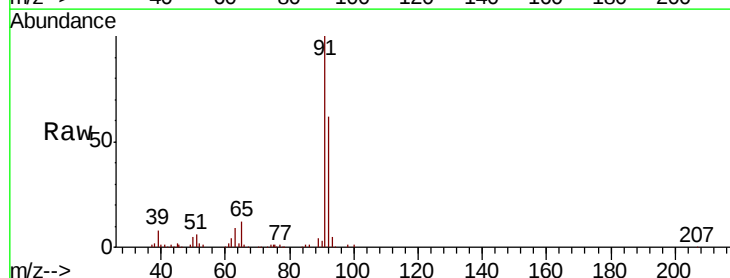
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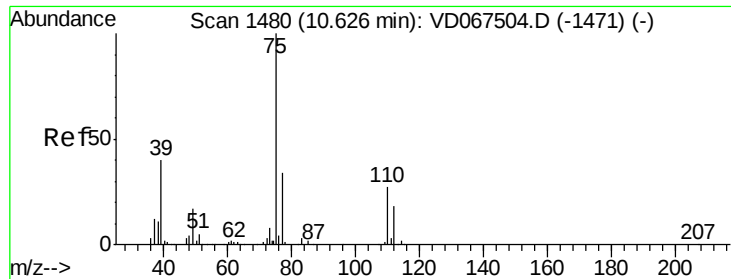
MMDadoda  
11/23/2020 1:41:31 PM



#52  
Toluene  
Concen: 23.249 ug/l  
RT: 10.41 min Scan# 1443  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

| Tgt Ion | 92    | Resp  | 136156 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 92      | 100   |       |        |
| 91      | 169.5 | 137.0 | 205.6  |





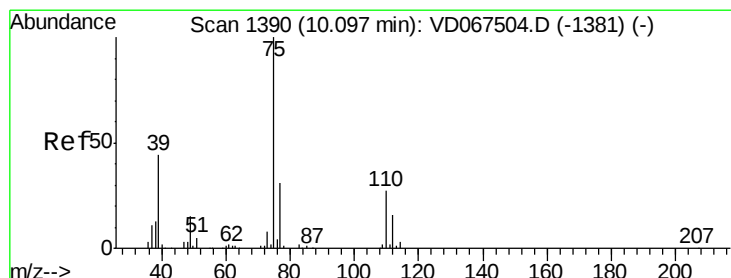
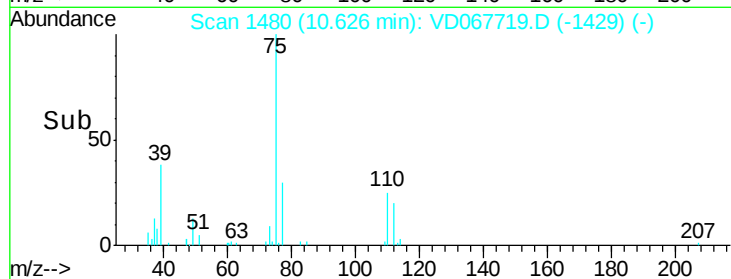
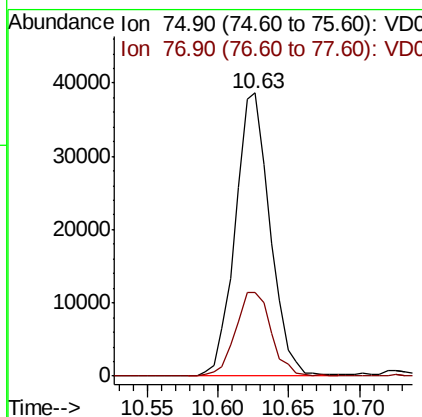
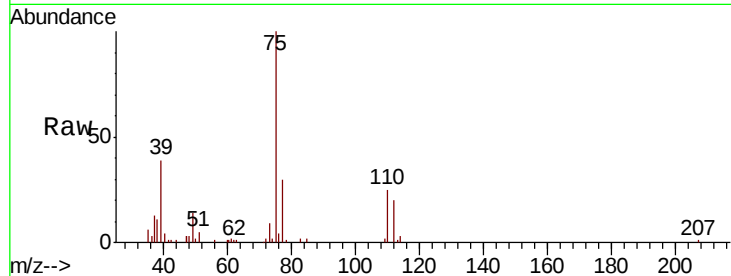
#53  
 t-1,3-Dichloropropene  
 Concen: 23.794 ug/l  
 RT: 10.63 min Scan# 1480  
 Delta R.T. -0.00 min  
 Lab File: VD067719.D  
 Acq: 20 Nov 2020 12:41

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1120SBS01

Tot Ion: 75 Resp: 66575  
 Ion Ratio Lower Upper  
 75 100  
 77 29.7 27.0 40.6

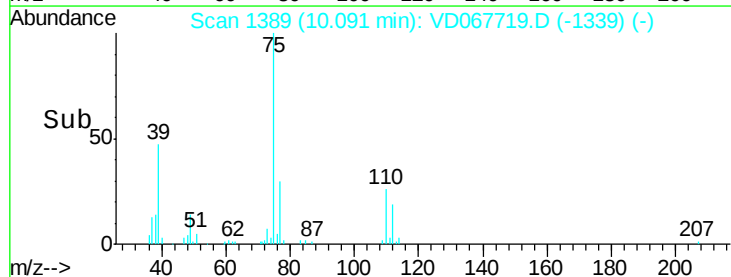
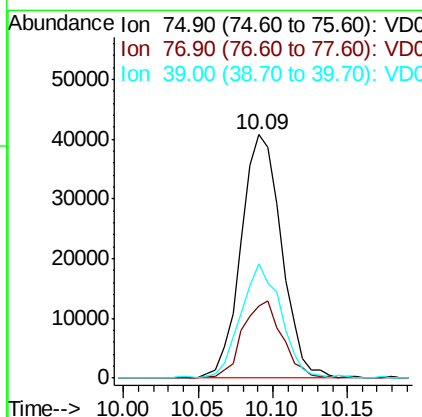
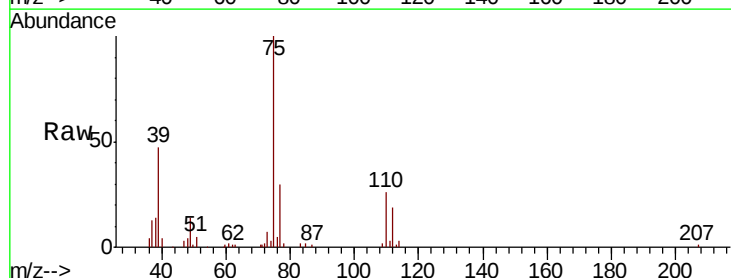
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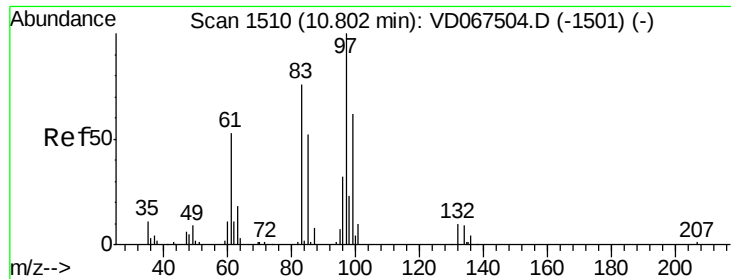
MMDadoda  
 11/23/2020 1:41:31 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 22.998 ug/l  
 RT: 10.09 min Scan# 1389  
 Delta R.T. -0.01 min  
 Lab File: VD067719.D  
 Acq: 20 Nov 2020 12:41

Tgt Ion: 75 Resp: 76453  
 Ion Ratio Lower Upper  
 75 100  
 77 29.5 24.4 36.6  
 39 46.5 35.6 53.4





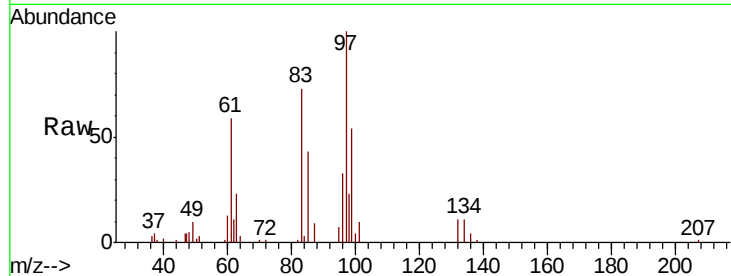
#55  
 1,1,2-Trichloroethane  
 Concen: 25.057 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: VD067719.D  
 Acq: 20 Nov 2020 12:41

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1120SBS01

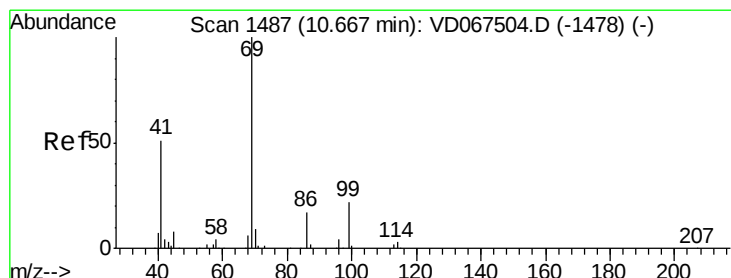
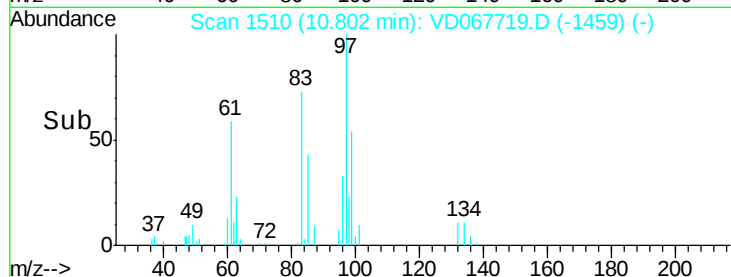
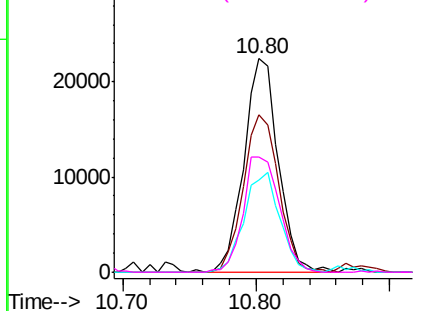
| Tot Ion | 97    | Resp  | 39850 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 97      | 100   |       |       |
| 83      | 73.5  | 61.0  | 91.6  |
| 85      | 43.2  | 41.5  | 62.3  |
| 99      | 54.1  | 49.4  | 74.2  |

Manual Integrations  
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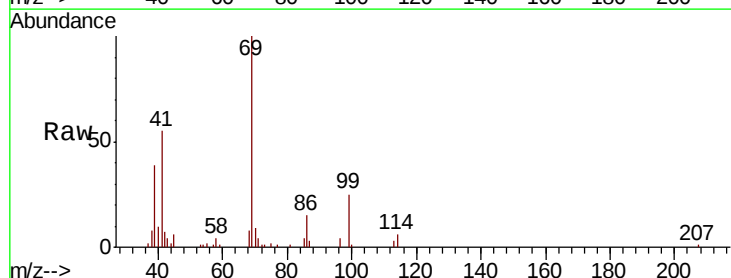


Abundance Ion 96.90 (96.60 to 97.60): VDC  
 Ion 82.90 (82.60 to 83.60): VDC  
 Ion 84.90 (84.60 to 85.60): VDC  
 Ion 98.90 (98.60 to 99.60): VDC

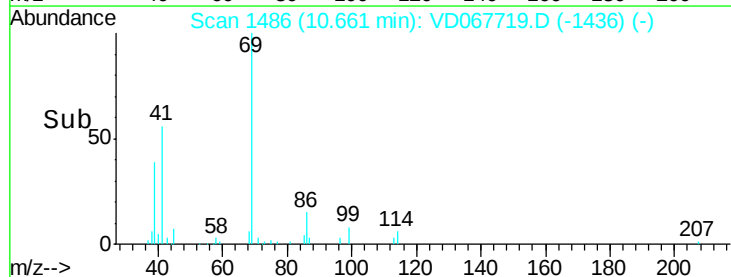
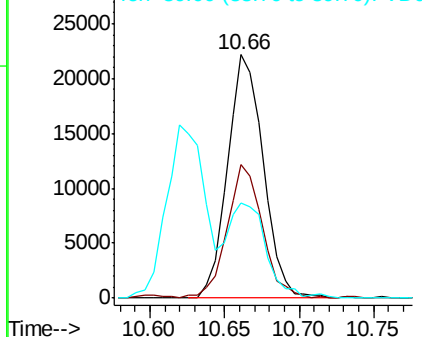


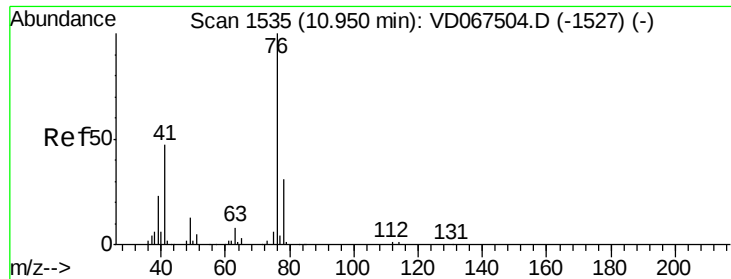
#56  
 Ethyl methacrylate  
 Concen: 22.624 ug/l  
 RT: 10.66 min Scan# 1486  
 Delta R.T. -0.01 min  
 Lab File: VD067719.D  
 Acq: 20 Nov 2020 12:41

| Tgt Ion | 69    | Resp  | 37156 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 69      | 100   |       |       |
| 41      | 54.0  | 45.4  | 68.0  |
| 39      | 38.2  | 27.4  | 41.0  |



Abundance Ion 69.00 (68.70 to 69.70): VDC  
 Ion 41.00 (40.70 to 41.70): VDC  
 Ion 39.00 (38.70 to 39.70): VDC





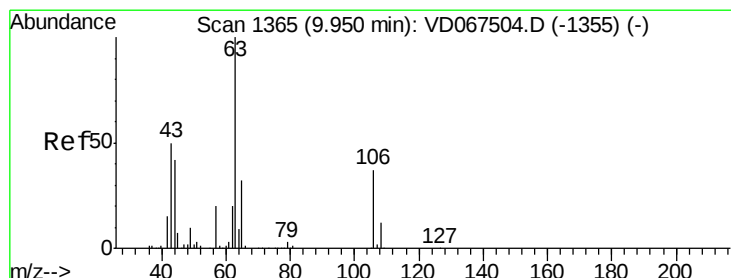
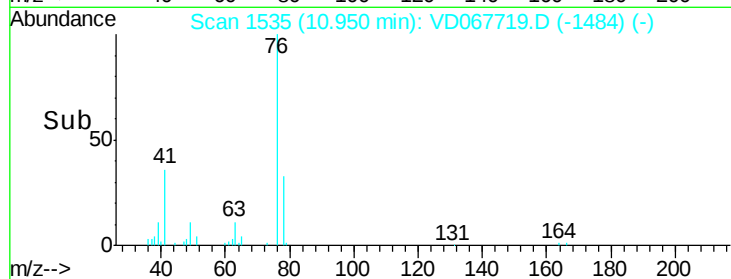
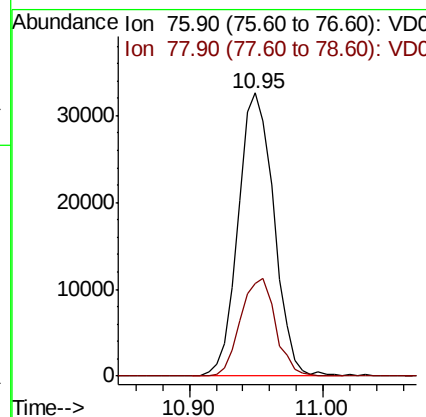
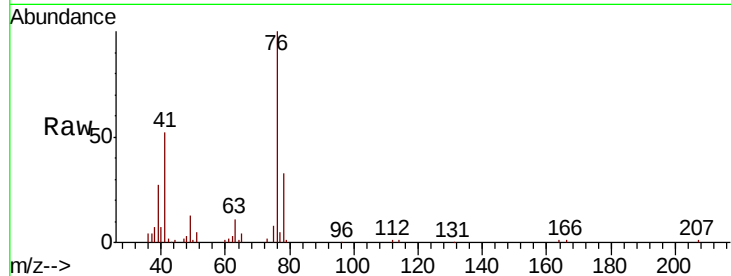
#57  
 1,3-Dichloropropane  
 Concen: 23.565 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: VD067719.D  
 Acq: 20 Nov 2020 12:41

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1120SBS01

Tot Ion: 76 Resp: 60307  
 Ion Ratio Lower Upper  
 76 100  
 78 33.8 26.1 39.1

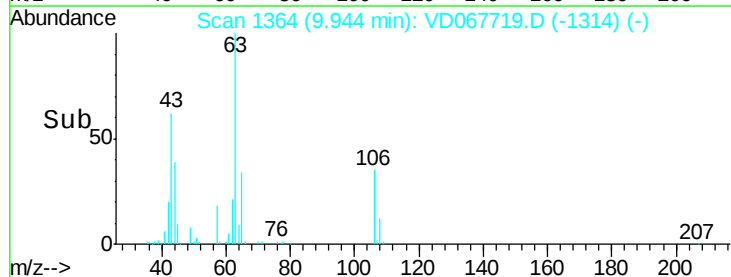
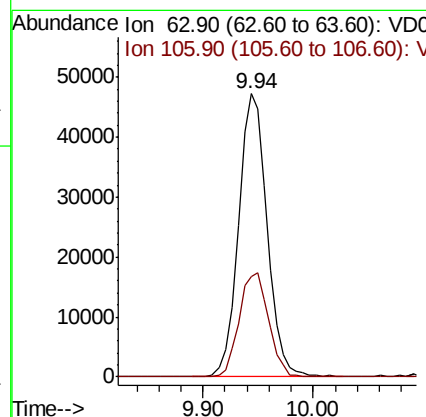
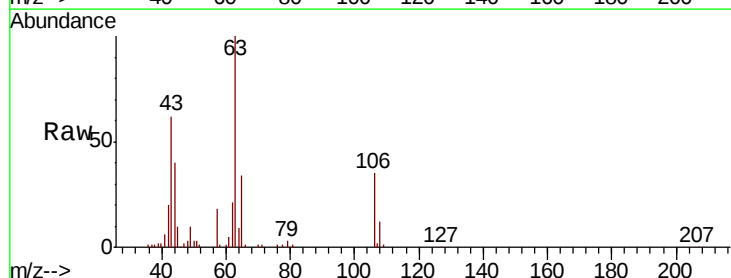
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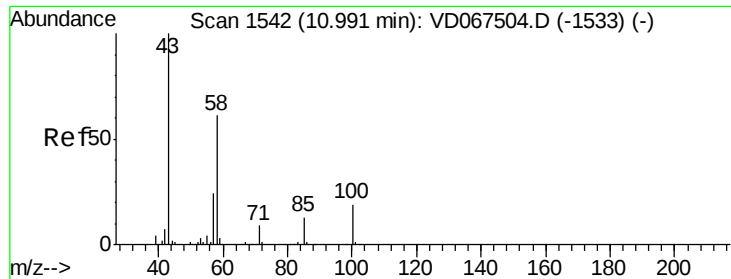
MMDadoda  
 11/23/2020 1:41:31 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 111.751 ug/l  
 RT: 9.94 min Scan# 1364  
 Delta R.T. -0.01 min  
 Lab File: VD067719.D  
 Acq: 20 Nov 2020 12:41

Tgt Ion: 63 Resp: 85585  
 Ion Ratio Lower Upper  
 63 100  
 106 38.0 29.2 43.8





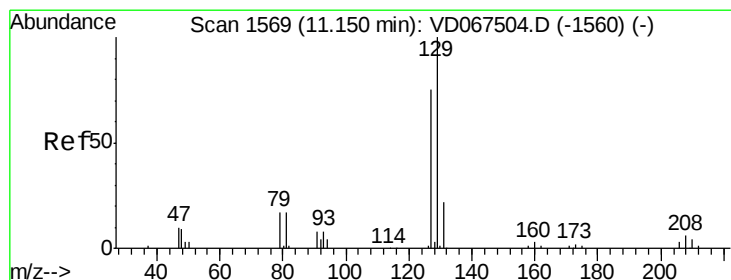
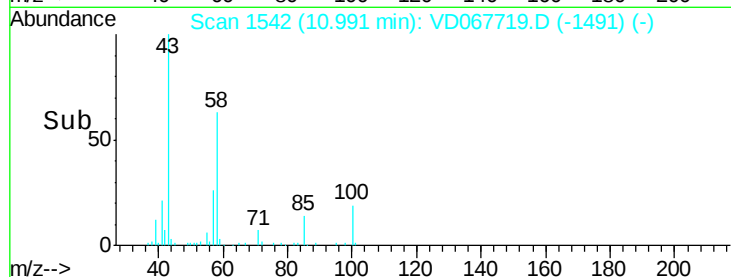
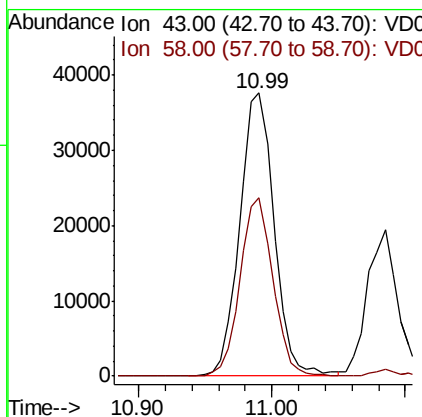
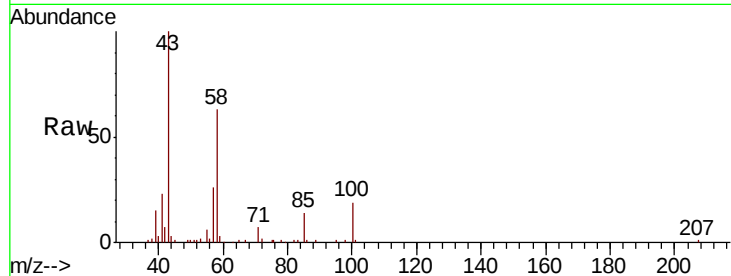
#59  
2-Hexanone  
Concen: 121.043 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

Tot Ion: 43 Resp: 67082  
Ion Ratio Lower Upper  
43 100  
58 59.9 30.3 90.9

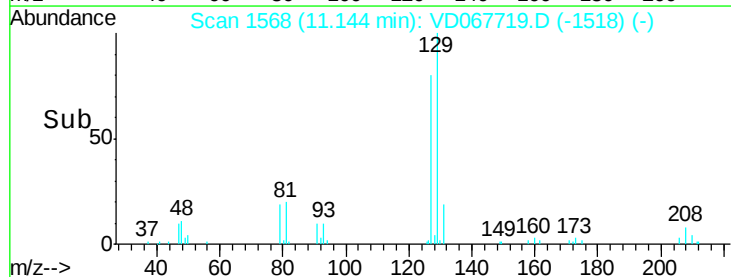
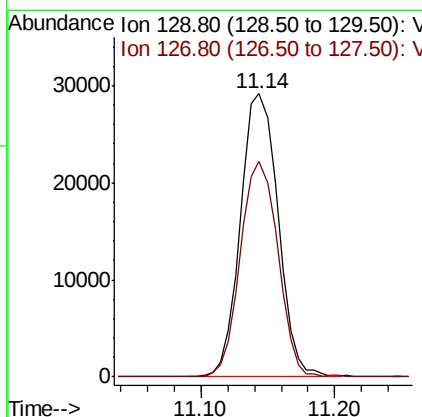
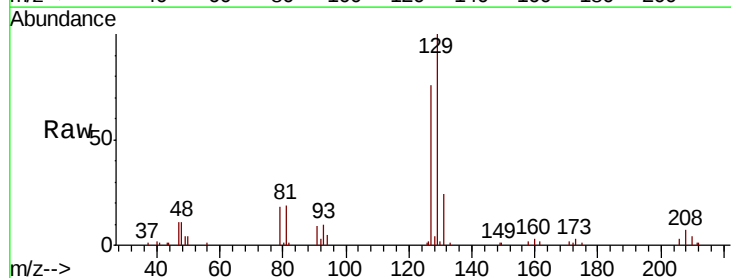
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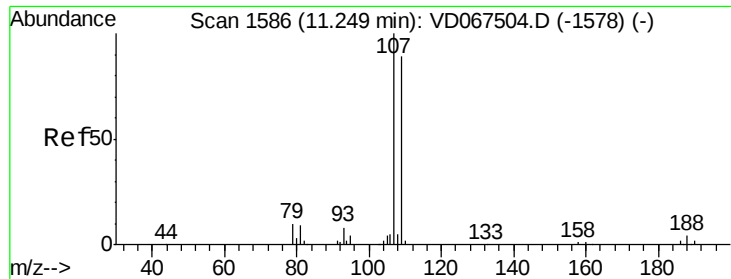
MMDadoda  
11/23/2020 1:41:31 PM



#60  
Dibromochloromethane  
Concen: 24.191 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Tgt Ion: 129 Resp: 56911  
Ion Ratio Lower Upper  
129 100  
127 75.9 38.0 114.1





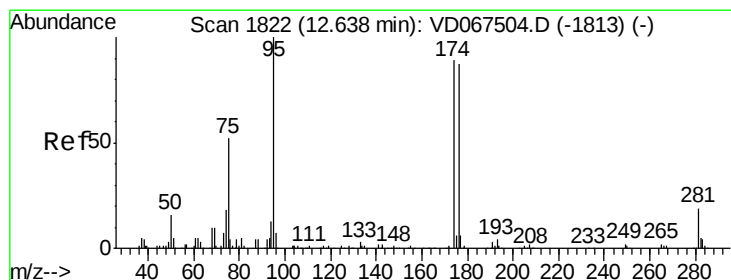
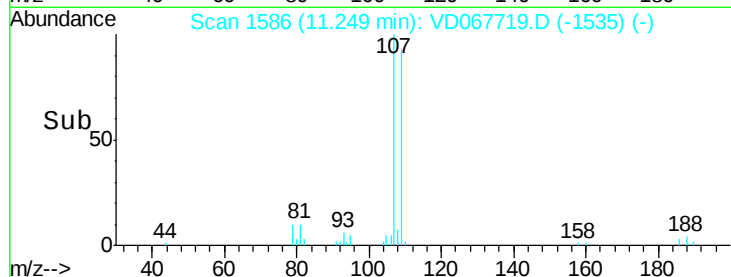
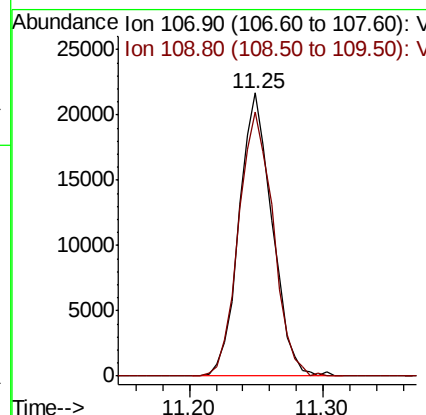
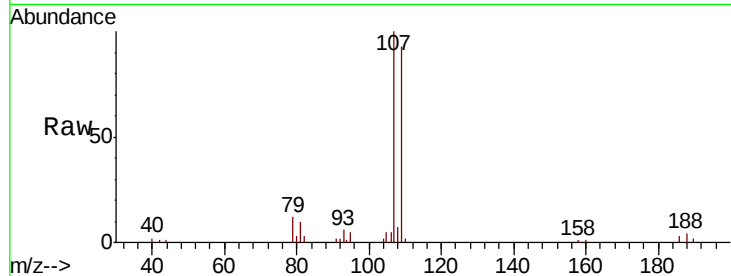
#61  
 1,2-Dibromoethane  
 Concen: 23.305 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. -0.00 min  
 Lab File: VD067719.D  
 Acq: 20 Nov 2020 12:41

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1120SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 97.6  | 74.6  | 111.8 |

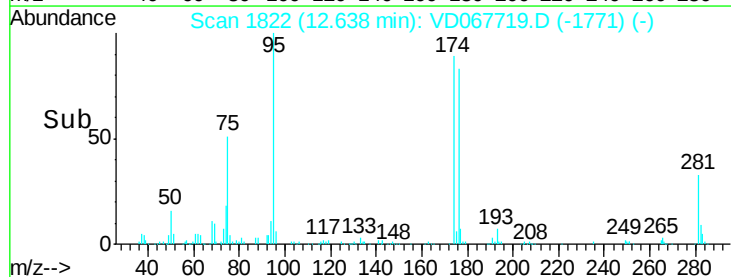
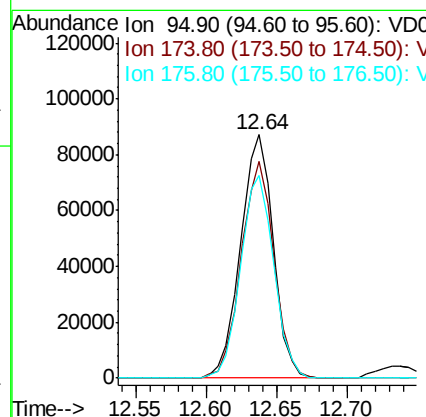
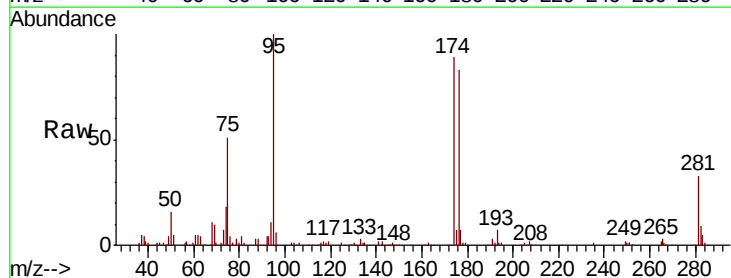
Manual Integrations  
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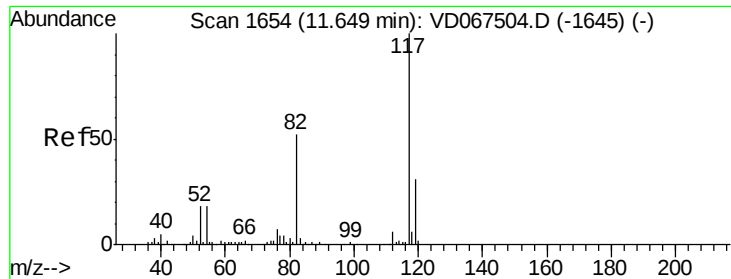
MMDadoda  
 11/23/2020 1:41:31 PM



#62  
 4-Bromofluorobenzene  
 Concen: 51.098 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. -0.00 min  
 Lab File: VD067719.D  
 Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 89.1  | 0.0   | 177.8 |
| 176     | 84.6  | 0.0   | 172.0 |





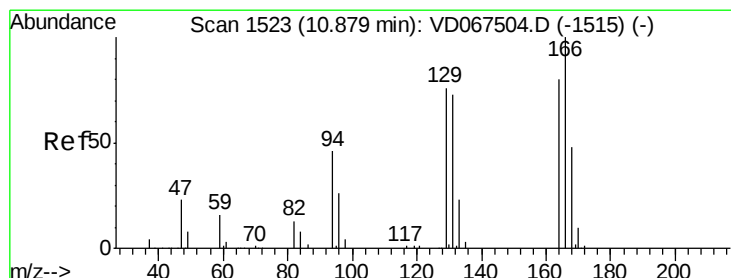
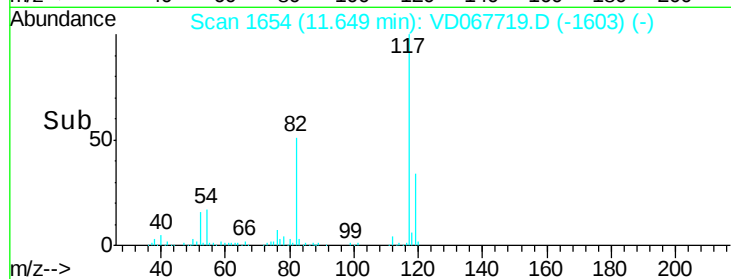
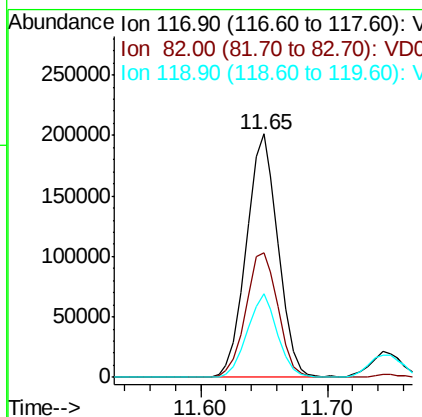
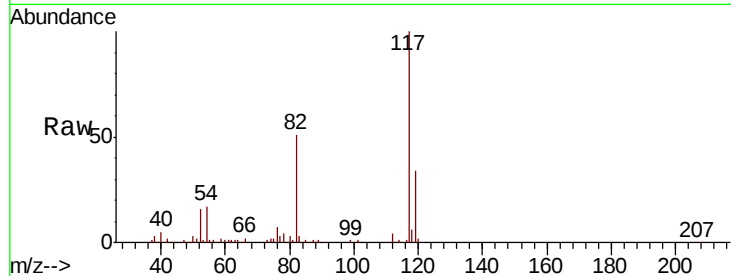
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 51.0  | 41.6  | 62.4  |
| 119     | 34.2  | 25.1  | 37.7  |

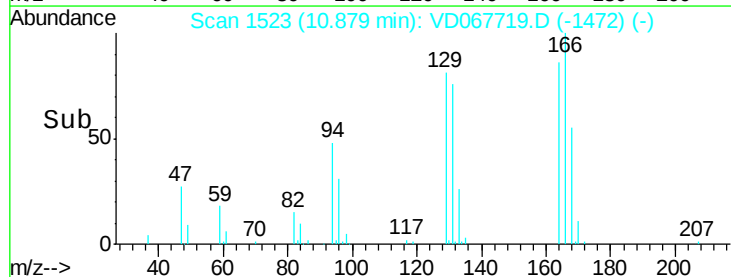
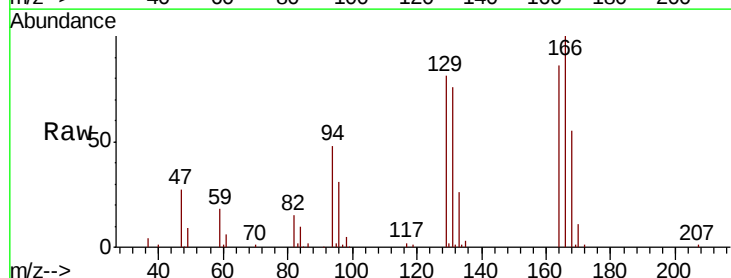
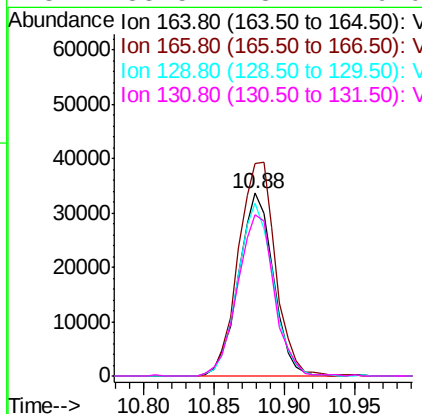
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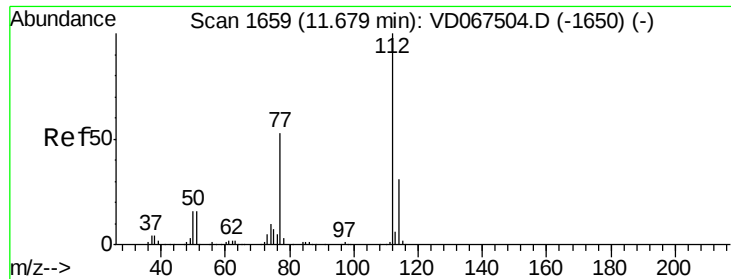
MMDadoda  
11/23/2020 1:41:31 PM



#64  
Tetrachloroethene  
Concen: 22.346 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 116.1 | 99.9  | 149.9 |
| 129     | 94.5  | 75.5  | 113.3 |
| 131     | 88.5  | 73.4  | 110.0 |





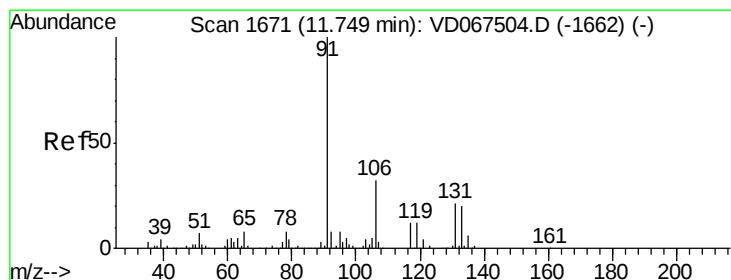
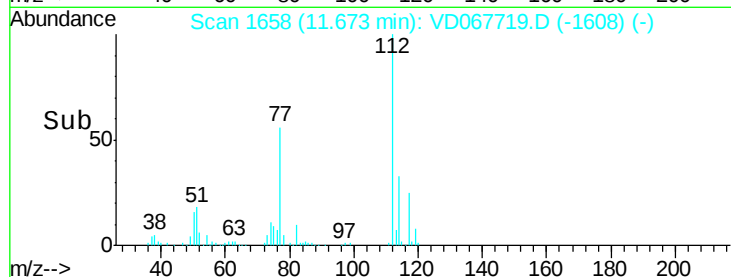
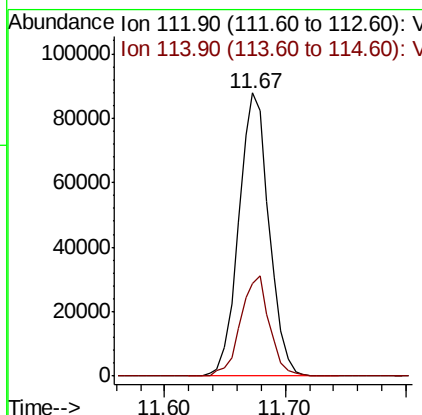
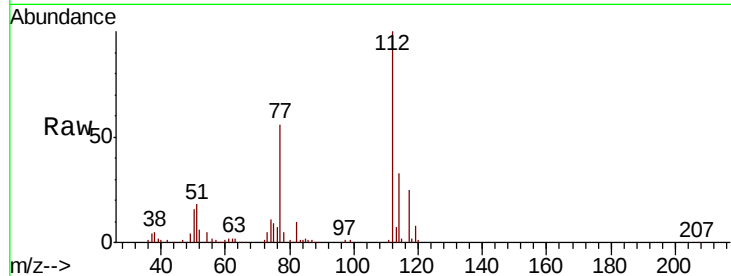
#65  
Chlorobenzene  
Concen: 22.737 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.9  | 24.9  | 37.3  |

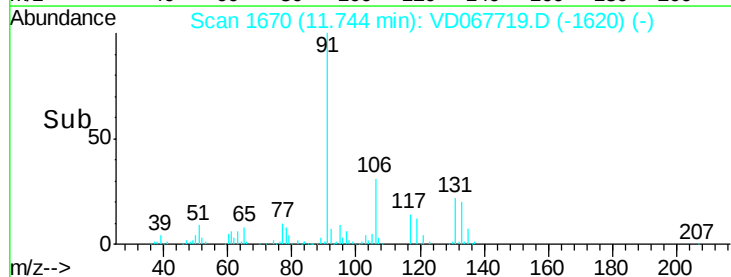
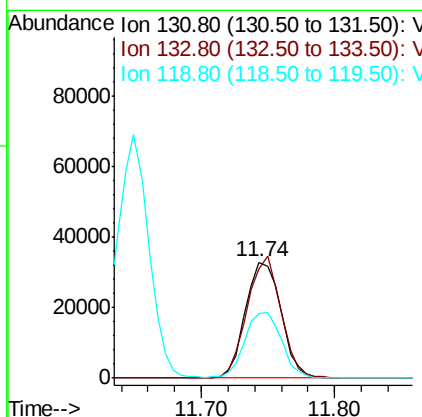
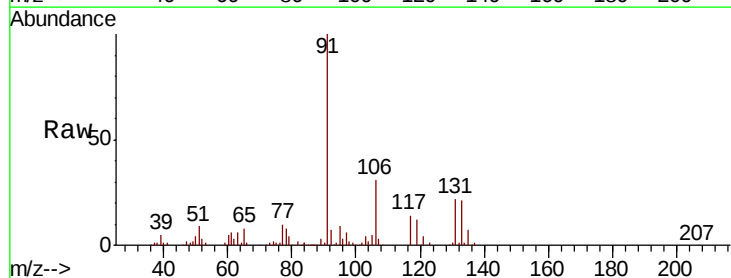
Manual Integrations  
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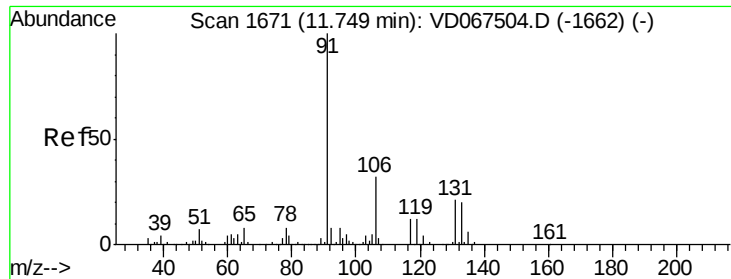
MMDadoda  
11/23/2020 1:41:31 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.909 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 98.6  | 48.0  | 144.0 |
| 119     | 58.3  | 30.1  | 90.5  |





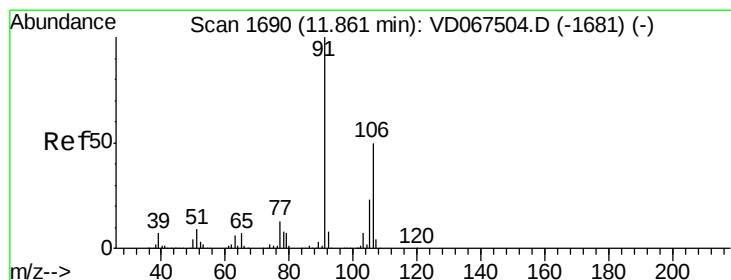
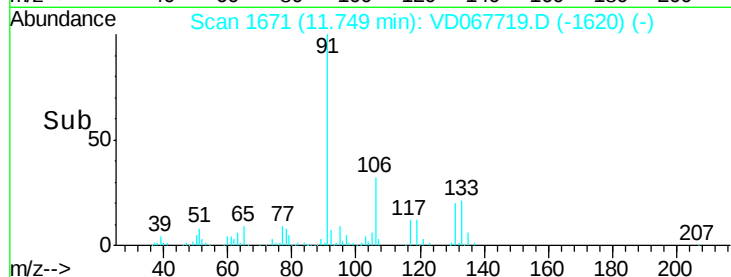
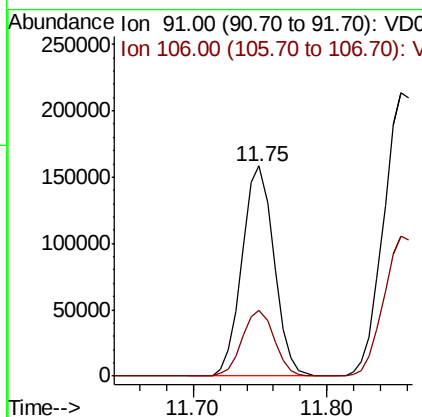
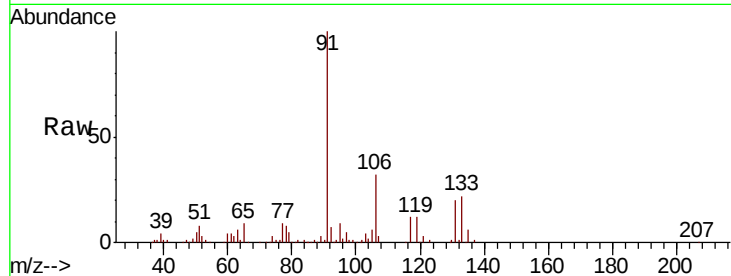
#67  
Ethyl Benzene  
Concen: 22.830 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

Tot Ion: 91 Resp: 263118  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.7 38.5

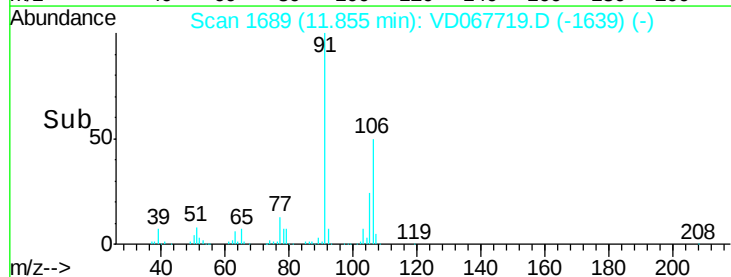
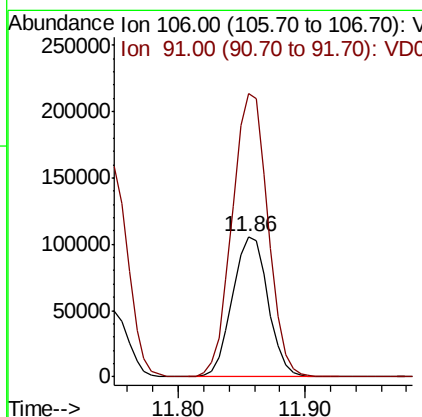
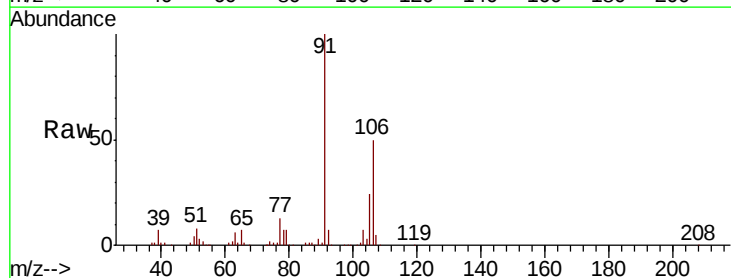
Manual Integrations  
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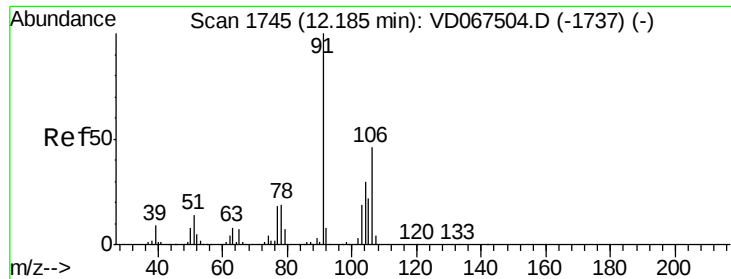
MMDadoda  
11/23/2020 1:41:31 PM



#68  
m/p-Xylenes  
Concen: 45.770 ug/l  
RT: 11.86 min Scan# 1689  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Tgt Ion: 106 Resp: 205228  
Ion Ratio Lower Upper  
106 100  
91 203.3 162.6 244.0





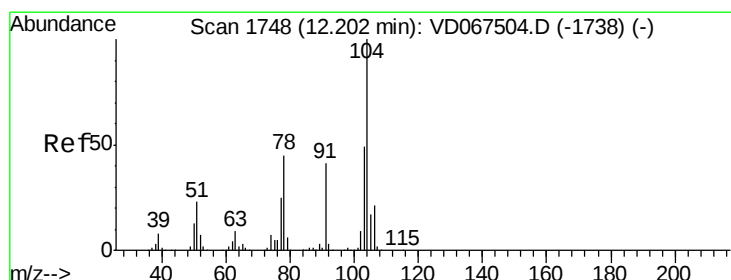
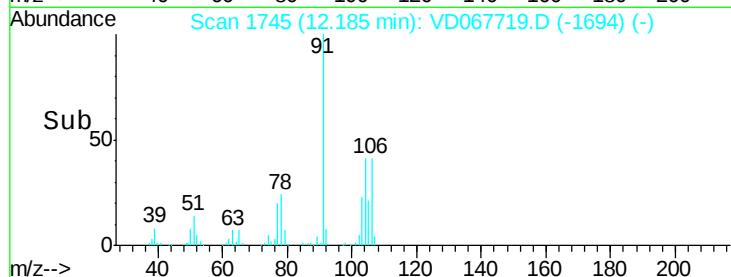
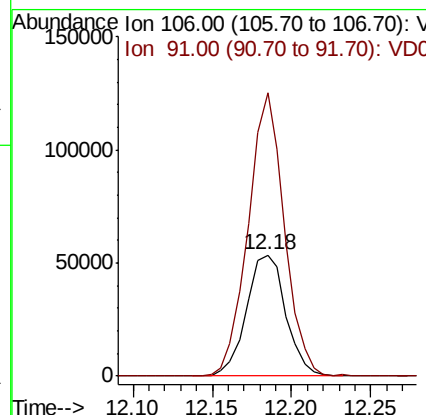
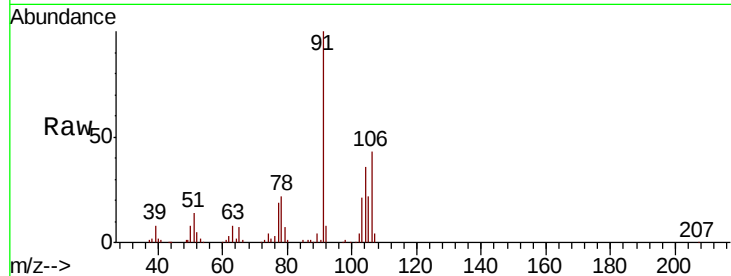
#69  
o-Xylene  
Concen: 23.030 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

Tot Ion:106 Resp: 92197  
Ion Ratio Lower Upper  
106 100  
91 215.7 107.1 321.1

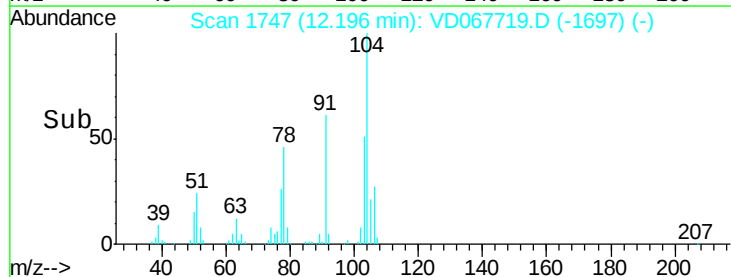
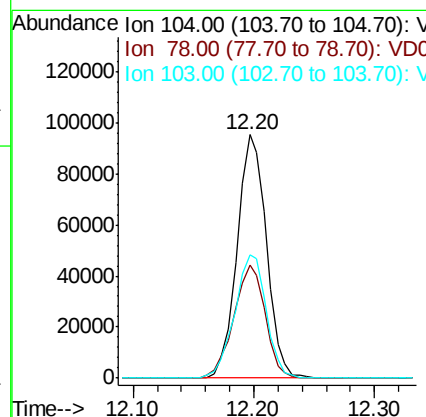
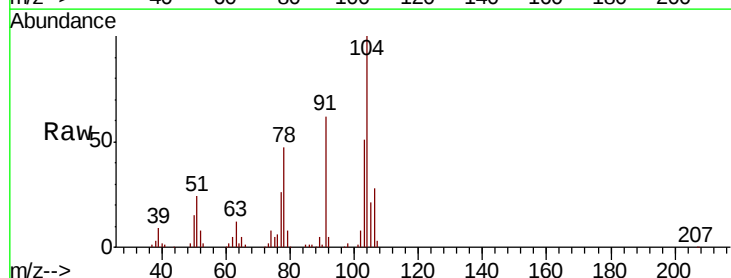
Manual Integrations  
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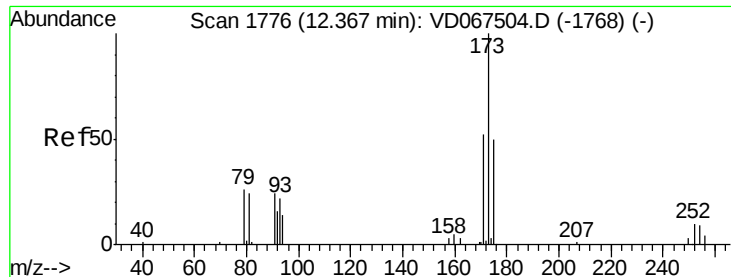
MMDadoda  
11/23/2020 1:41:31 PM



#70  
Styrene  
Concen: 23.057 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Tgt Ion:104 Resp: 160839  
Ion Ratio Lower Upper  
104 100  
78 49.8 39.8 59.8  
103 54.5 43.9 65.9





#71

Bromoform

Concen: 24.559 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

ClientSampleId :

VD1120SBS01

Tot Ion:173 Resp: 33250

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.2

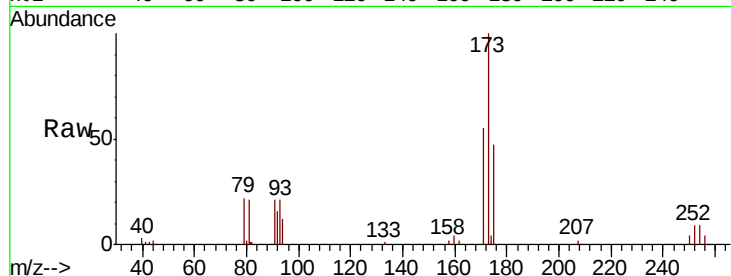
254 0.0 0.0 0.0

Manual Integrations

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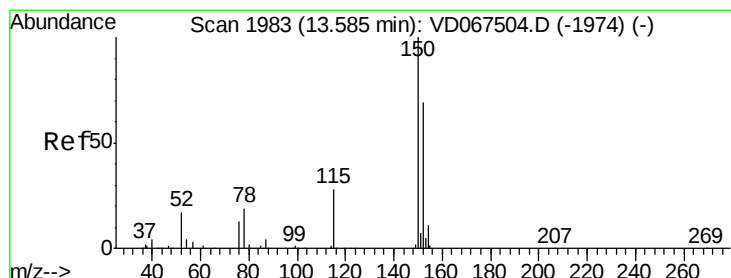
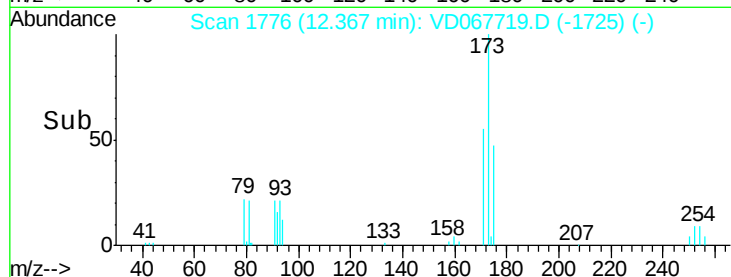
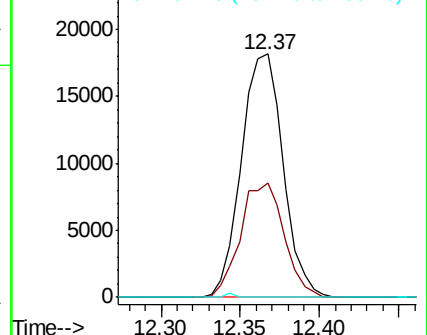
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

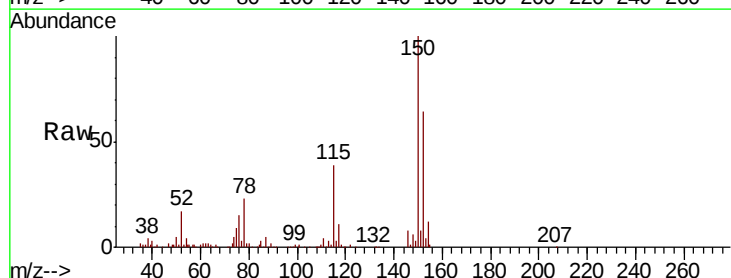
Tgt Ion:152 Resp: 182418

Ion Ratio Lower Upper

152 100

115 59.5 29.3 88.0

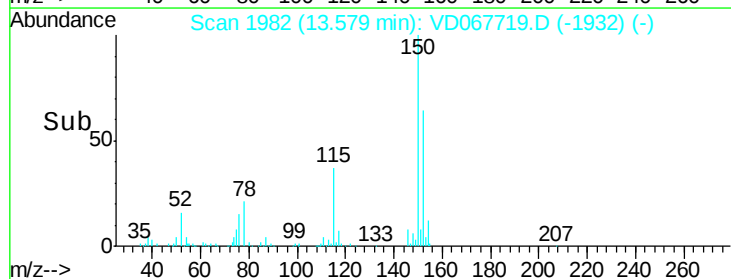
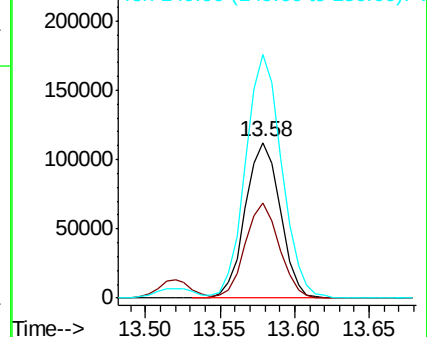
150 161.7 0.0 338.2

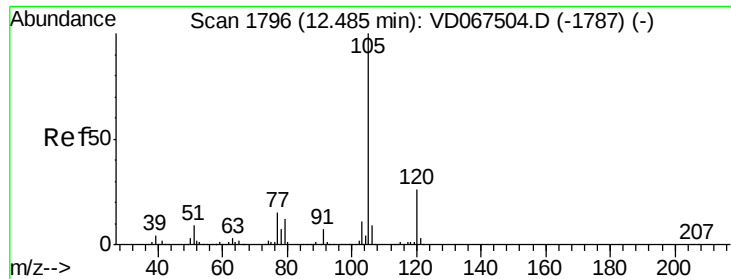


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.264 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

ClientSampleId :

VD1120SBS01

Tot Ion: 105 Resp: 262479

Ion Ratio Lower Upper

105 100

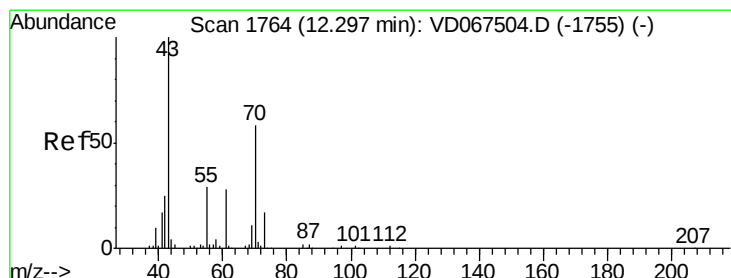
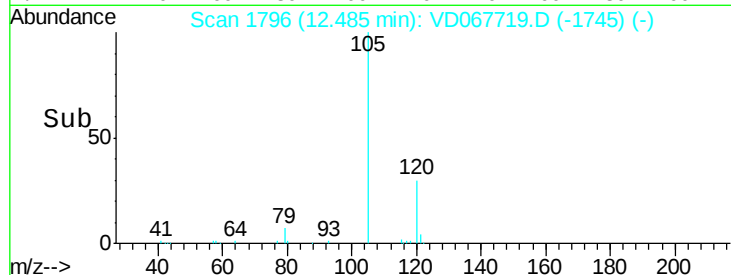
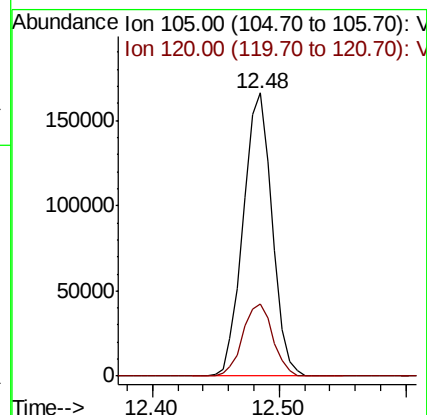
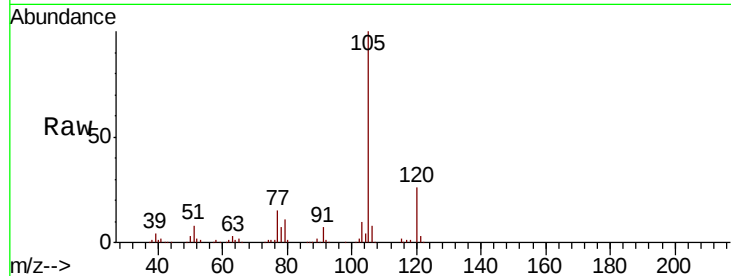
120 26.5 13.2 39.6

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#74

N-ethyl acetate

Concen: 23.017 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Tgt Ion: 43 Resp: 35706

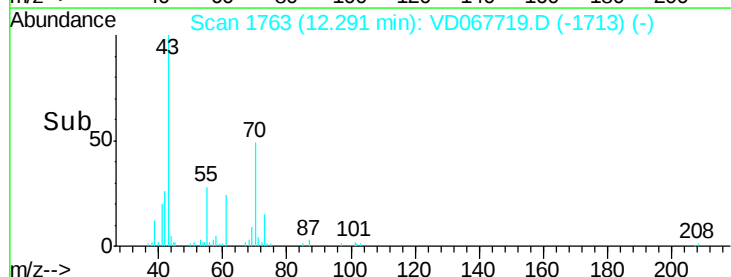
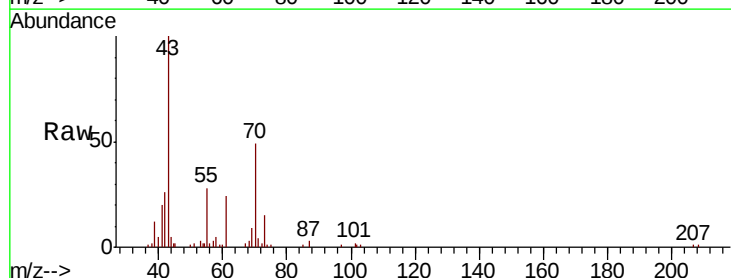
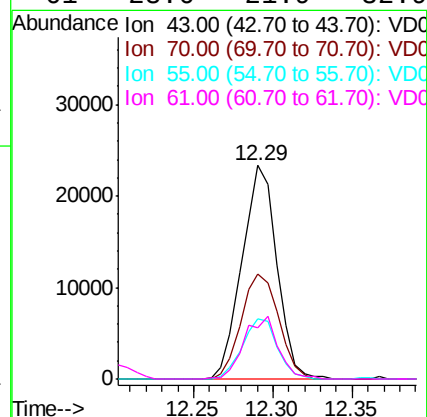
Ion Ratio Lower Upper

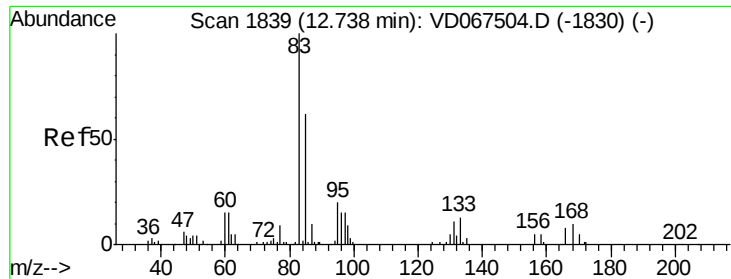
43 100

70 52.9 42.6 64.0

55 28.3 23.7 35.5

61 28.6 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 22.086 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

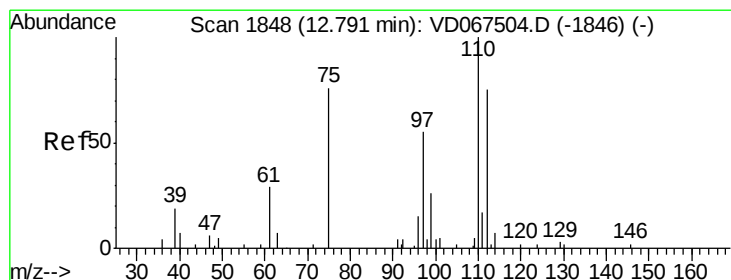
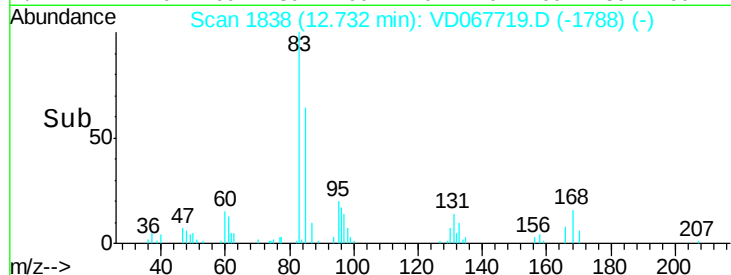
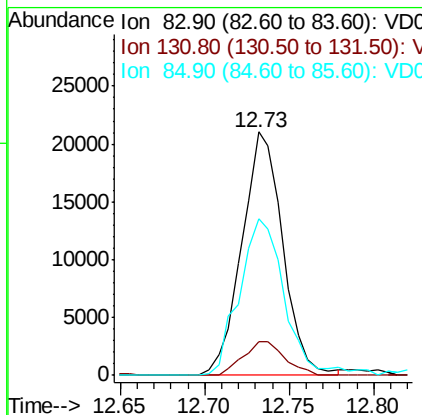
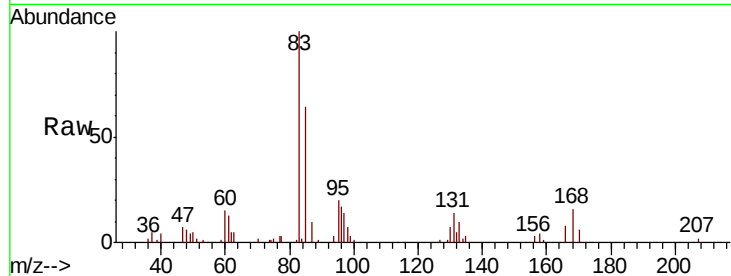
ClientSampleId :

VD1120SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 35506 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 13.9  | 7.1   | 21.3  |
| 85        | 71.2  | 32.9  | 98.7  |

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#76

1,2,3-Trichloropropane

Concen: 23.499 ug/l m

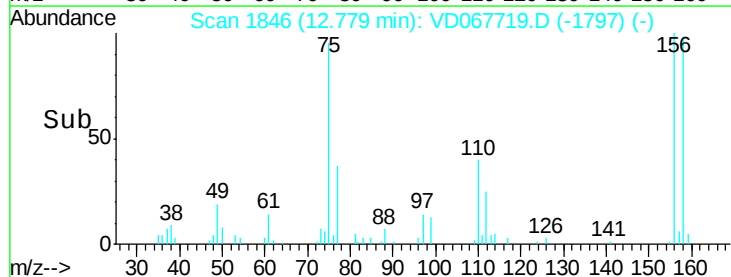
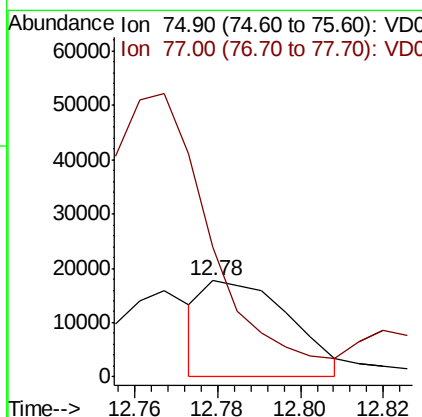
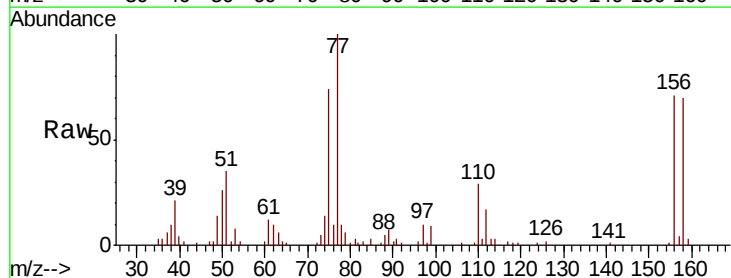
RT: 12.78 min Scan# 1846

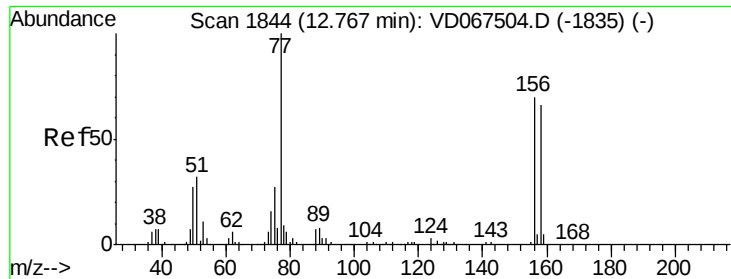
Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 25859 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 383.4 | 0.0   | 0.0#  |





#77

Bromobenzene

Concen: 22.786 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

ClientSampleId :

VD1120SBS01

Tot Ion:156 Resp: 65974

Ion Ratio Lower Upper

156 100

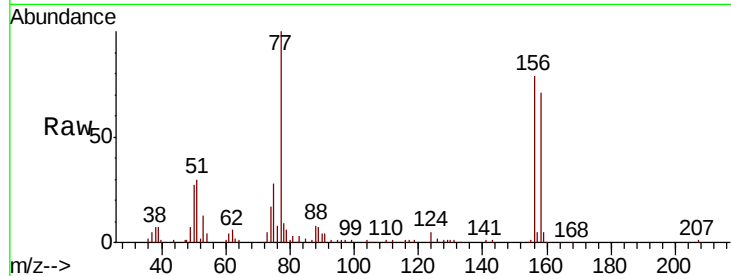
77 150.3 77.8 233.5

158 96.1 47.9 143.7

Manual Integrations  
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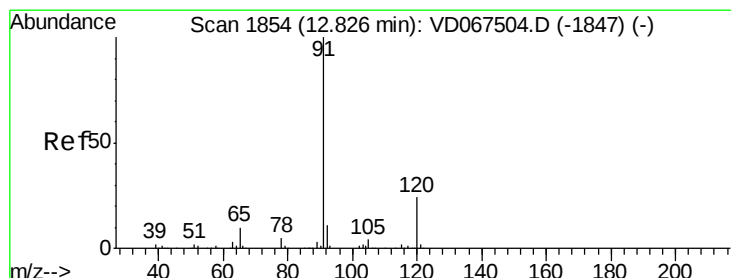
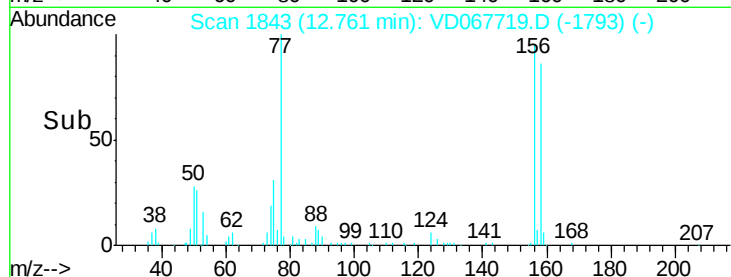
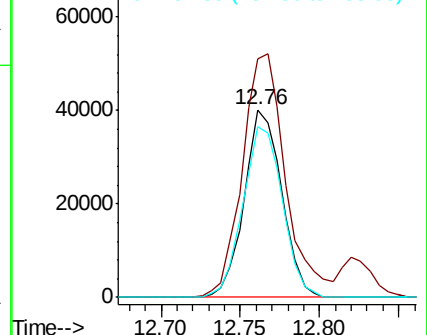
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.103 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067719.D

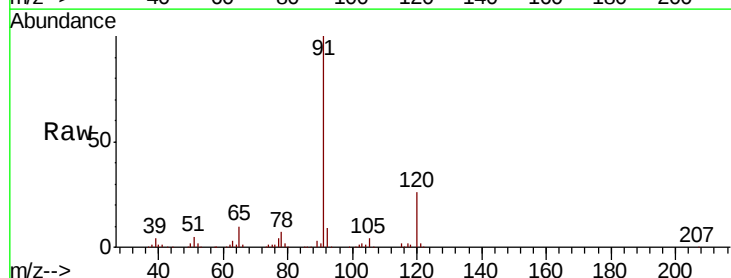
Acq: 20 Nov 2020 12:41

Tgt Ion: 91 Resp: 298064

Ion Ratio Lower Upper

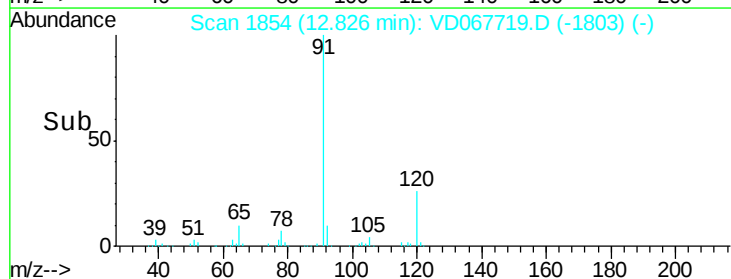
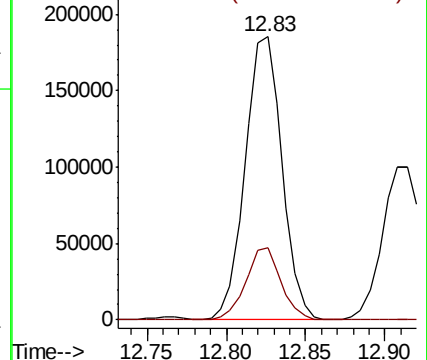
91 100

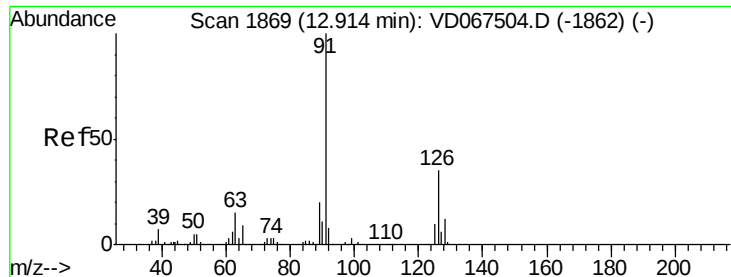
120 24.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





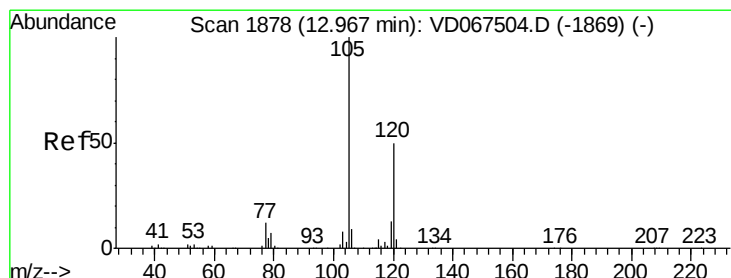
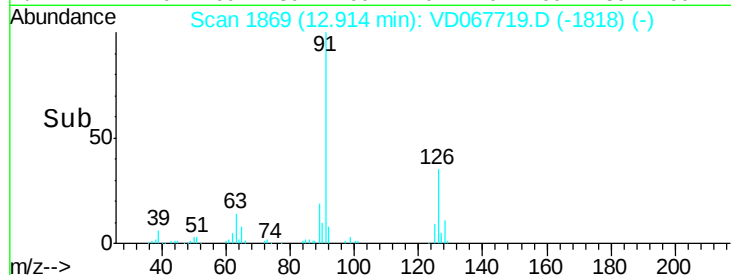
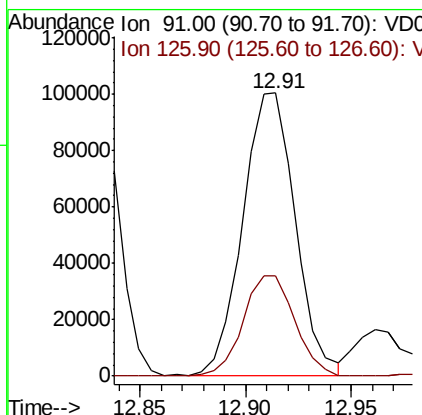
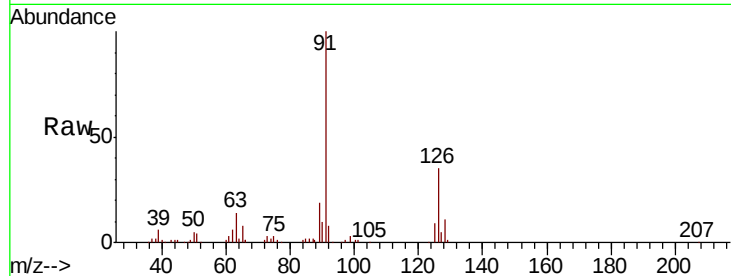
#79  
2-Chlorotoluene  
Concen: 22.615 ug/l  
RT: 12.91 min Scan# 1869  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

Tot Ion: 91 Resp: 173231  
Ion Ratio Lower Upper  
91 100  
126 34.9 17.8 53.4

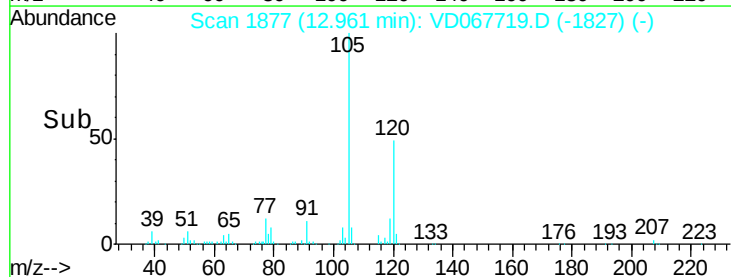
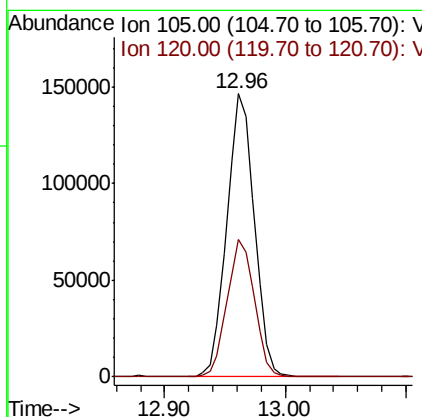
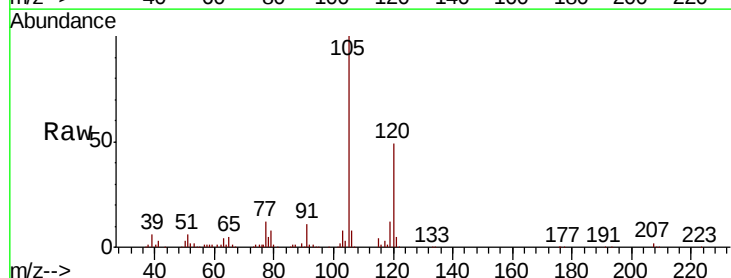
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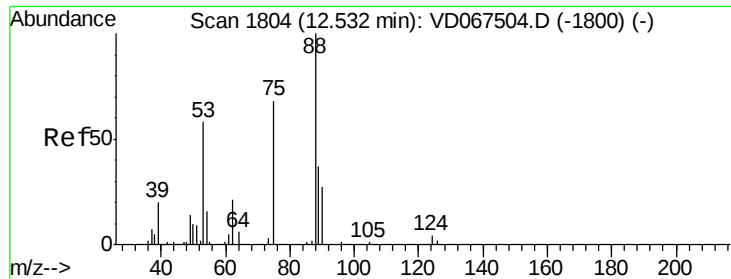
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#80  
1,3,5-Trimethylbenzene  
Concen: 23.020 ug/l  
RT: 12.96 min Scan# 1877  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Tgt Ion: 105 Resp: 231834  
Ion Ratio Lower Upper  
105 100  
120 48.2 24.3 72.8





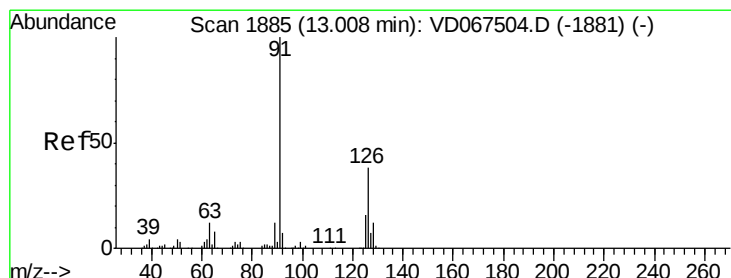
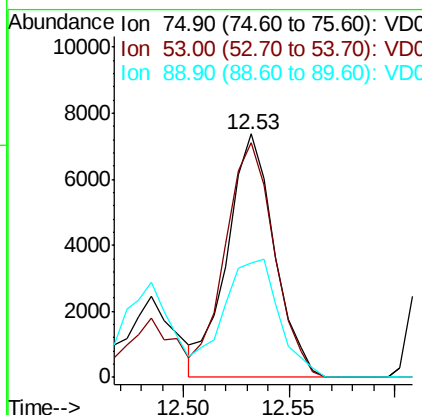
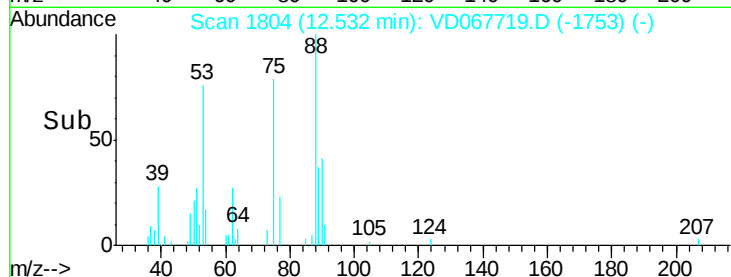
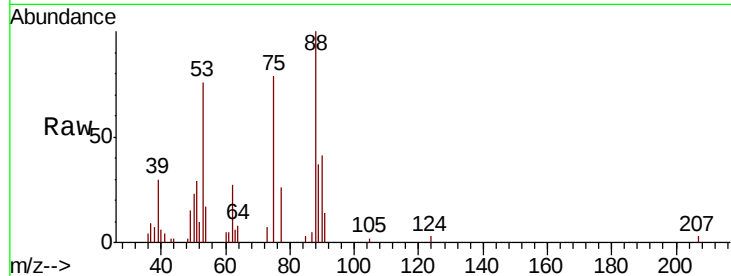
#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.090 ug/l  
RT: 12.53 min Scan# 1804  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 100.5 | 75.9  | 113.9 |
| 89      | 57.7  | 44.6  | 67.0  |

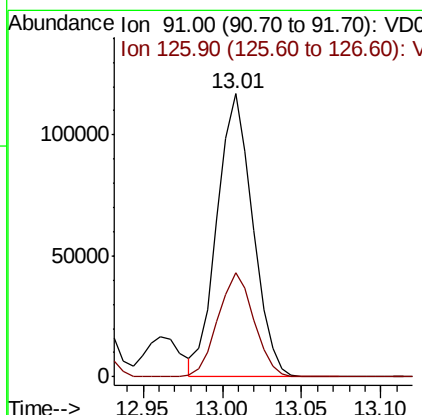
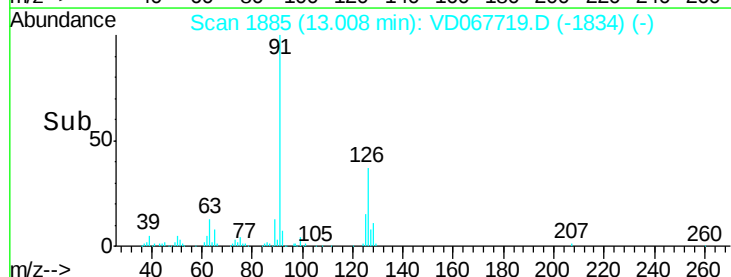
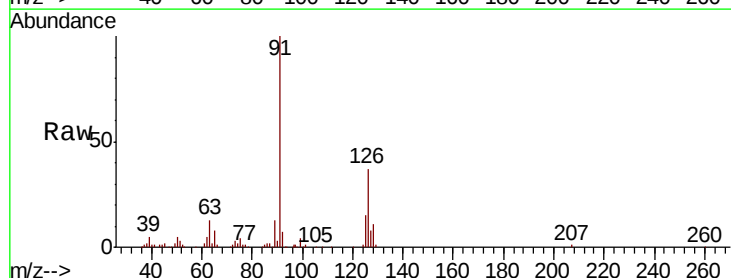
Manual Integrations  
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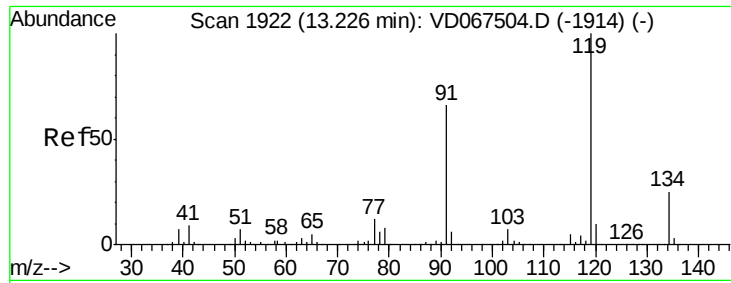
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#82  
4-Chlorotoluene  
Concen: 22.276 ug/l  
RT: 13.01 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 37.1  | 17.9  | 53.7  |





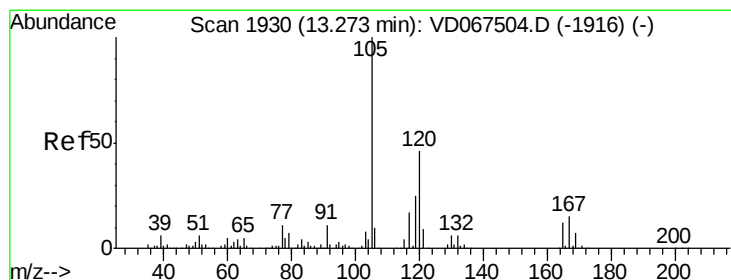
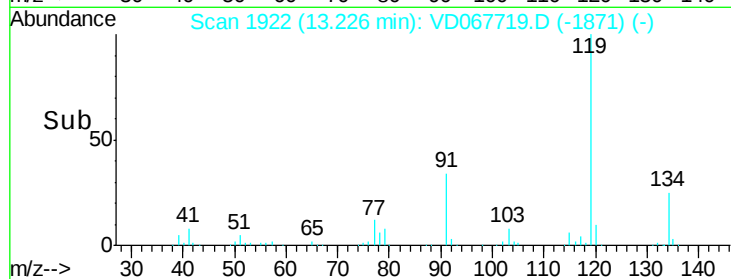
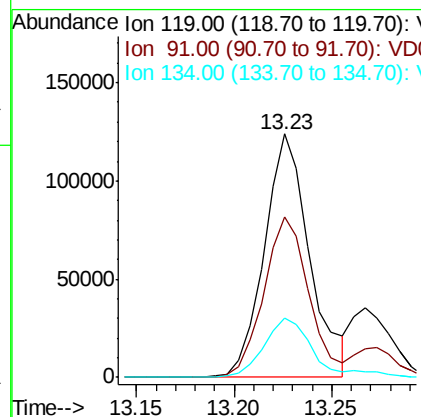
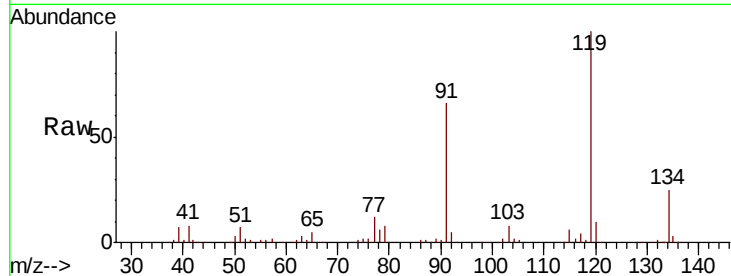
#83  
tert-Butylbenzene  
Concen: 23.315 ug/l  
RT: 13.23 min Scan# 1922  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 65.4  | 32.7  | 98.1  |
| 134     | 26.6  | 13.4  | 40.2  |

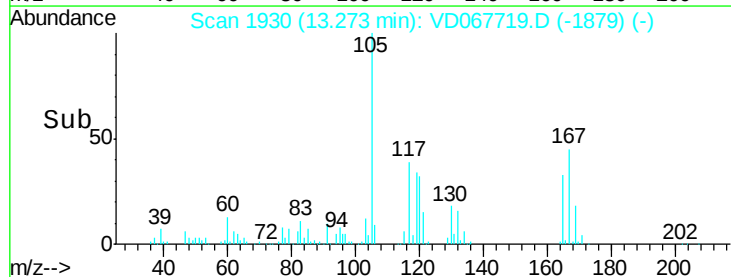
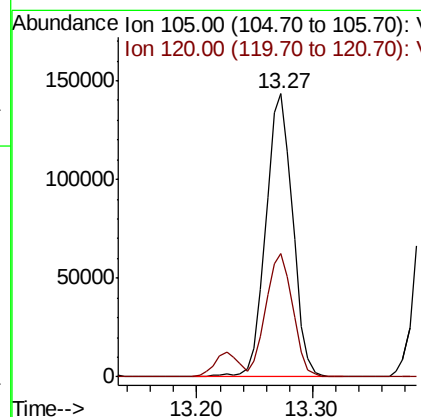
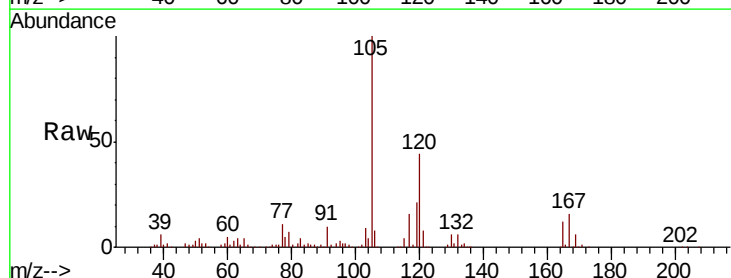
Manual Integrations  
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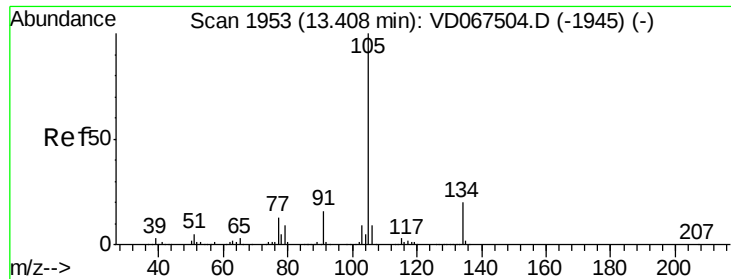
MMDadoda  
11/23/2020 1:41:31 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 23.293 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.7  | 22.1  | 66.1  |





#85

sec-Butylbenzene

Concen: 22.486 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

ClientSampleId :

VD1120SBS01

Tot Ion:105 Resp: 259089

Ion Ratio Lower Upper

105 100

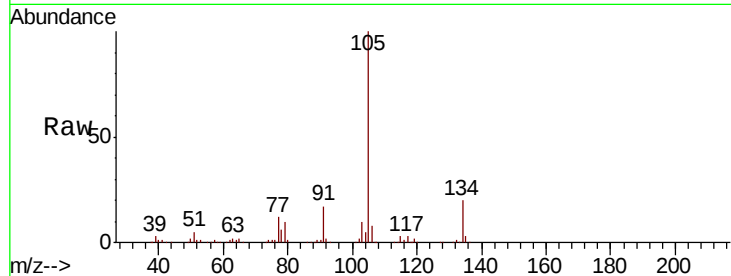
134 21.0 10.4 31.4

Manual Integrations

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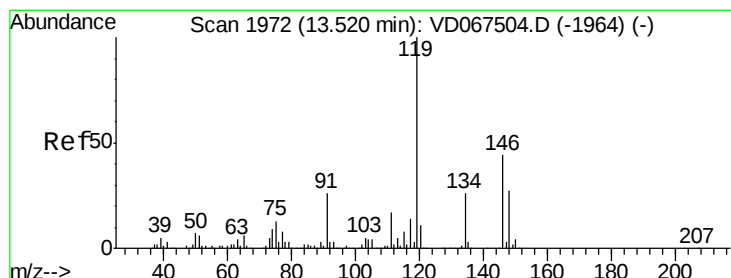
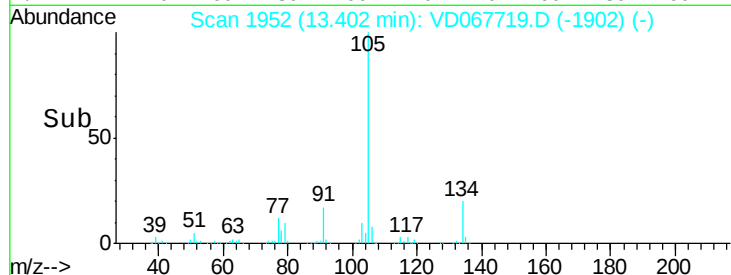
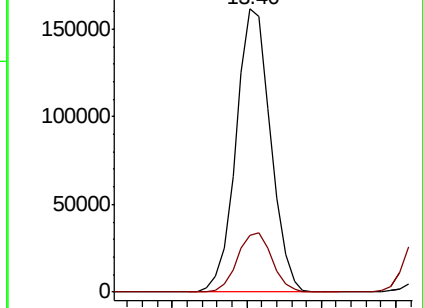
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.583 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

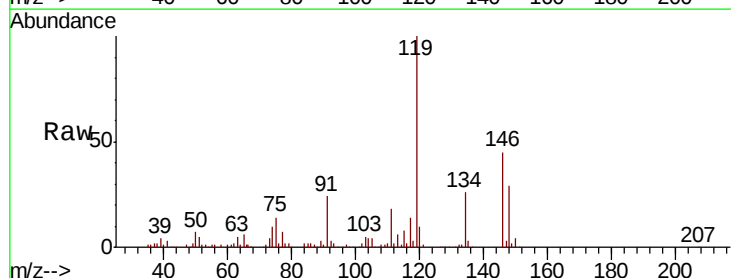
Tgt Ion:119 Resp: 251272

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

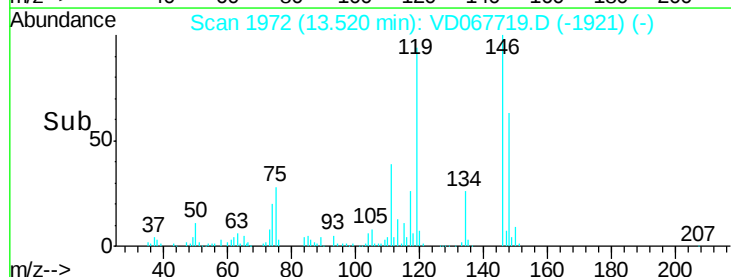
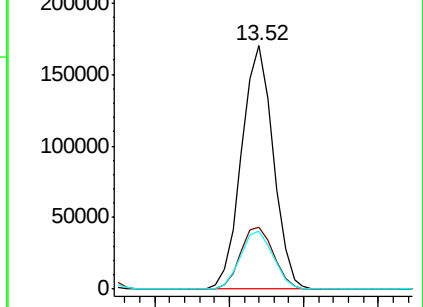
91 24.8 12.2 36.4

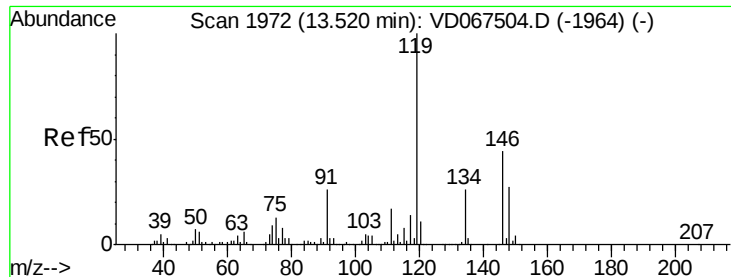


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





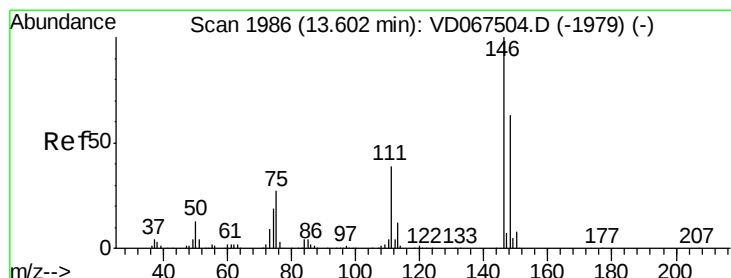
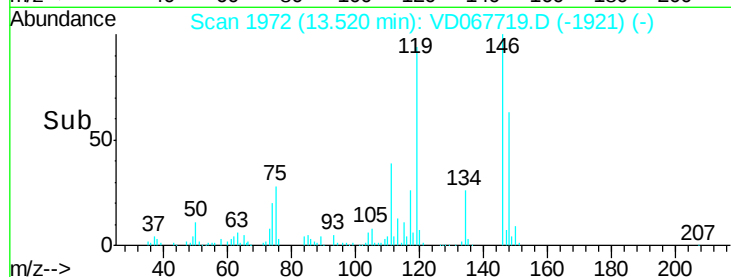
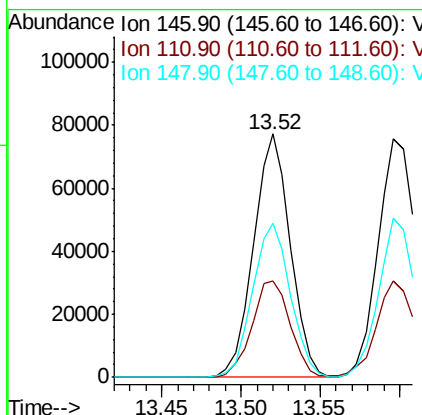
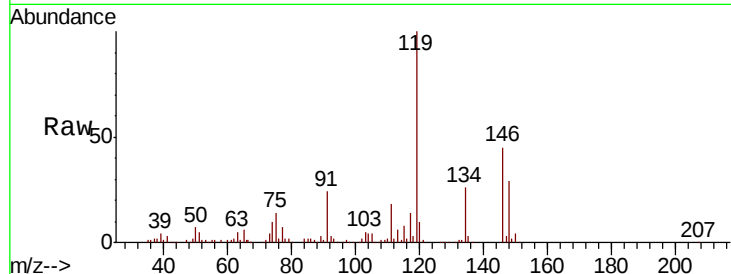
#87  
1,3-Dichlorobenzene  
Concen: 22.498 ug/l  
RT: 13.52 min Scan# 1972  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.3  | 20.3  | 60.8  |
| 148     | 65.3  | 31.9  | 95.9  |

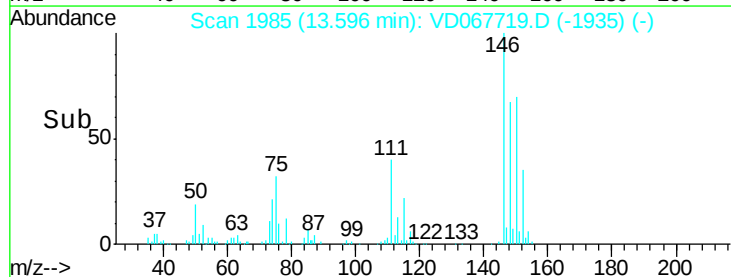
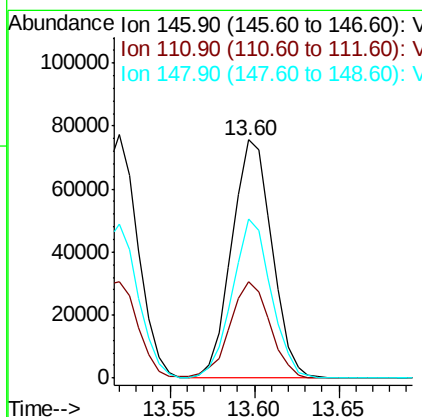
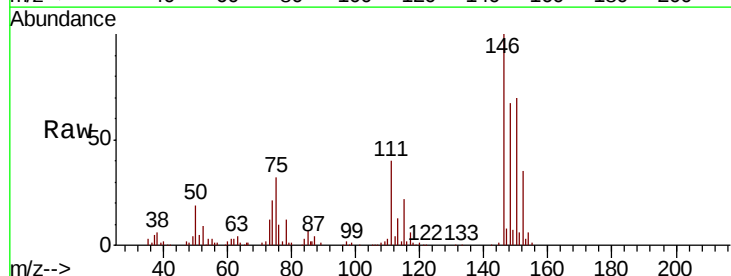
Manual Integrations  
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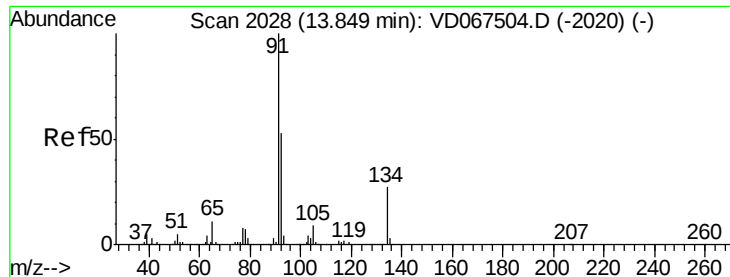
MMDadoda  
11/23/2020 1:41:31 PM



#88  
1,4-Dichlorobenzene  
Concen: 22.454 ug/l  
RT: 13.60 min Scan# 1985  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.3  | 19.6  | 58.7  |
| 148     | 64.4  | 31.8  | 95.4  |





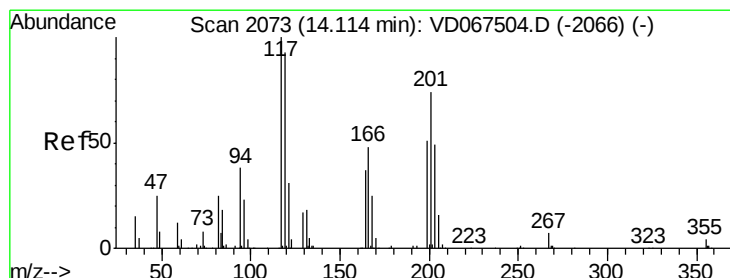
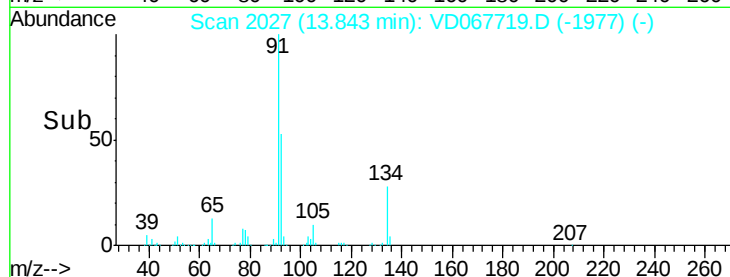
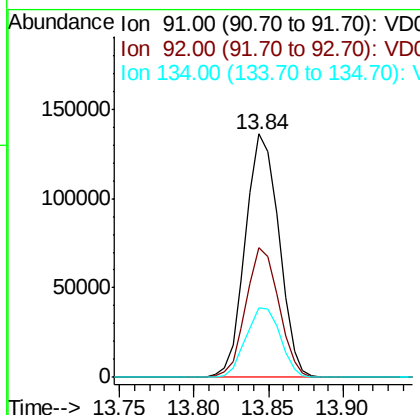
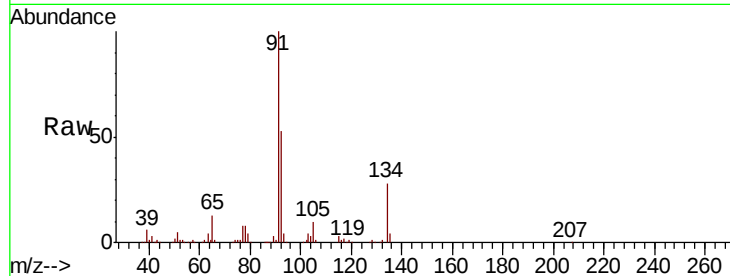
#89  
n-Butylbenzene  
Concen: 22.049 ug/l  
RT: 13.84 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1120SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.5  | 26.6  | 79.8  |
| 134     | 29.3  | 14.1  | 42.2  |

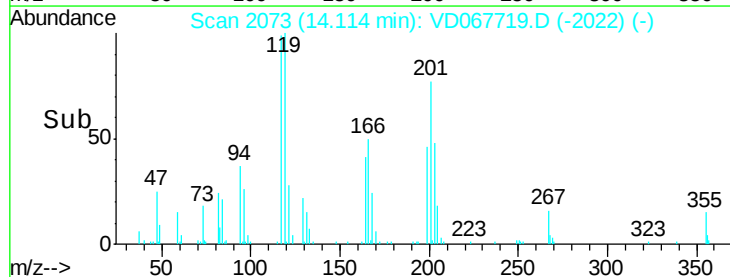
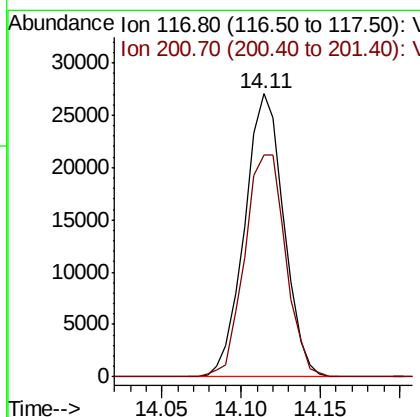
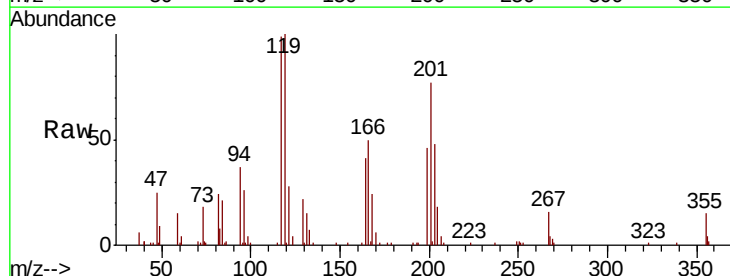
Manual Integrations  
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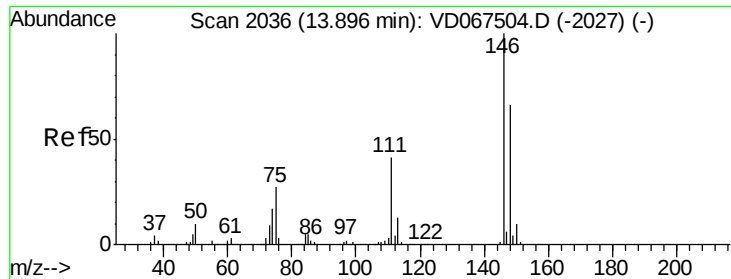
MMDadoda  
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#90  
Hexachloroethane  
Concen: 22.191 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. -0.00 min  
Lab File: VD067719.D  
Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 82.3  | 40.7  | 122.1 |





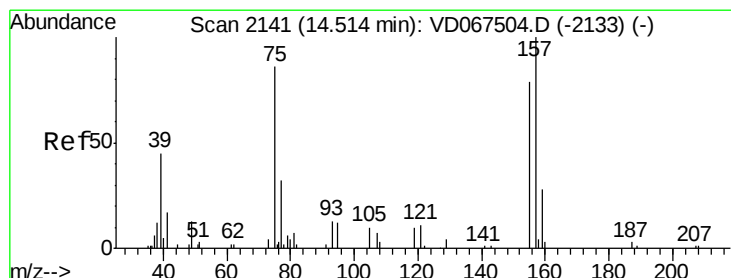
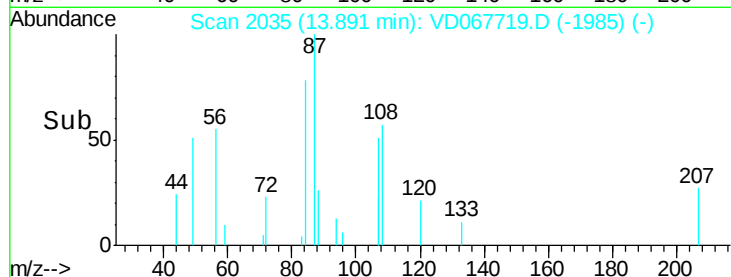
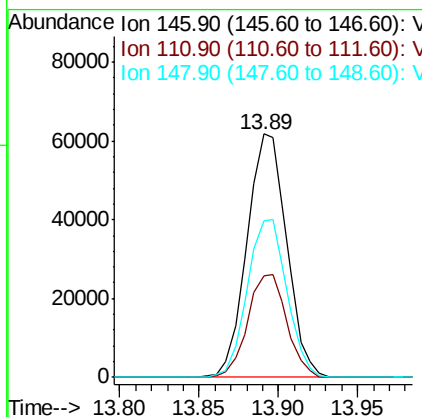
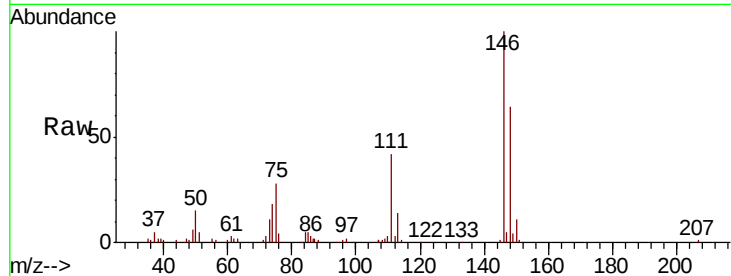
#91  
 1,2-Dichlorobenzene  
 Concen: 22.480 ug/l  
 RT: 13.89 min Scan# 2035  
 Delta R.T. -0.01 min  
 Lab File: VD067719.D  
 Acq: 20 Nov 2020 12:41

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1120SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.5  | 20.7  | 62.1  |
| 148     | 64.8  | 31.5  | 94.5  |

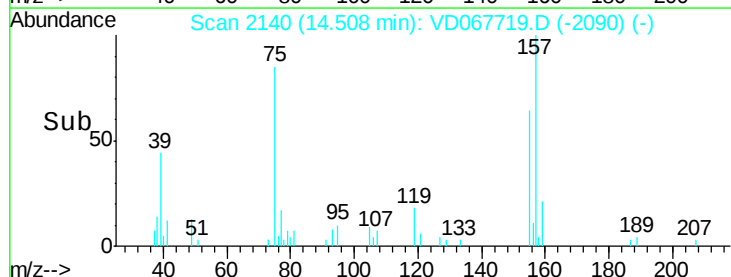
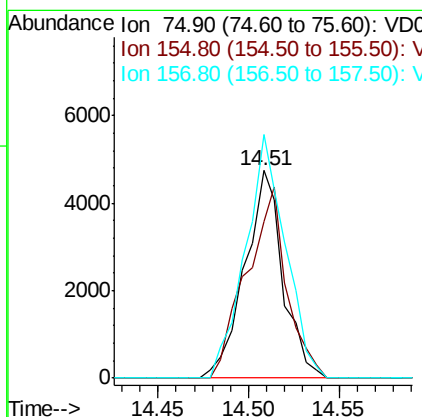
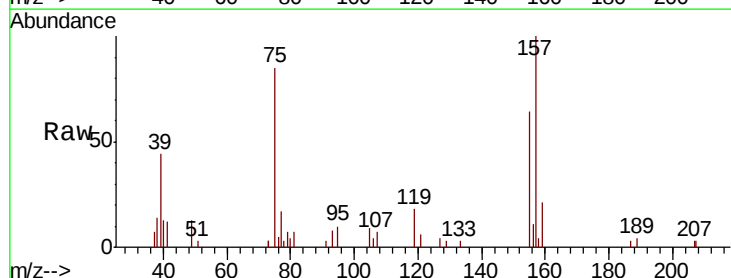
Manual Integrations  
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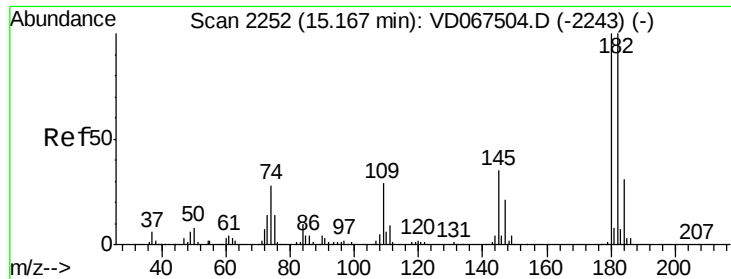
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 24.280 ug/l  
 RT: 14.51 min Scan# 2140  
 Delta R.T. -0.01 min  
 Lab File: VD067719.D  
 Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 97.8  | 46.6  | 139.8 |
| 157     | 123.6 | 58.1  | 174.2 |





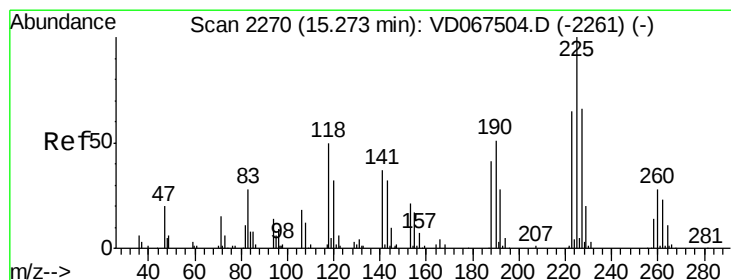
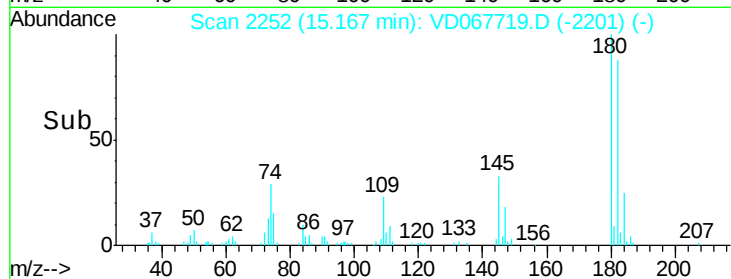
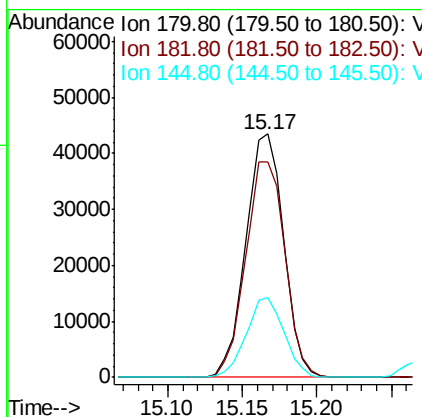
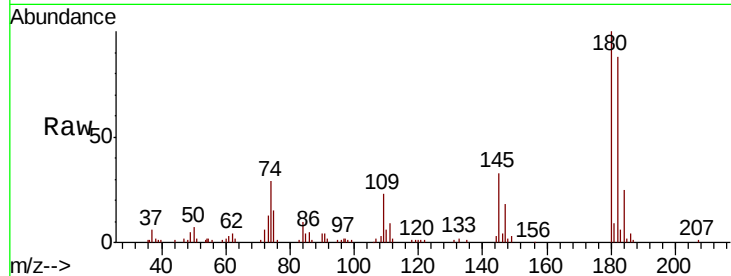
#93  
 1,2,4-Trichlorobenzene  
 Concen: 23.435 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. -0.00 min  
 Lab File: VD067719.D  
 Acq: 20 Nov 2020 12:41

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1120SBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 76052 |       |       |
| 182     | 92.1  | 47.4  | 142.3 |       |
| 145     | 33.0  | 16.2  | 48.6  |       |

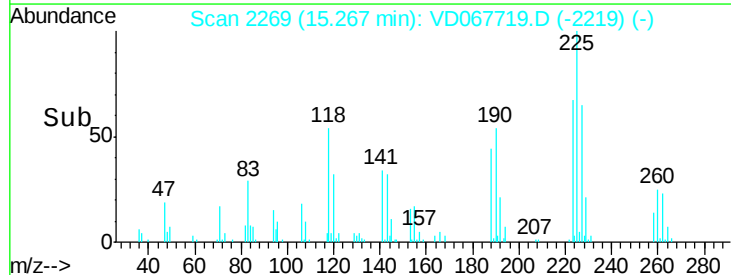
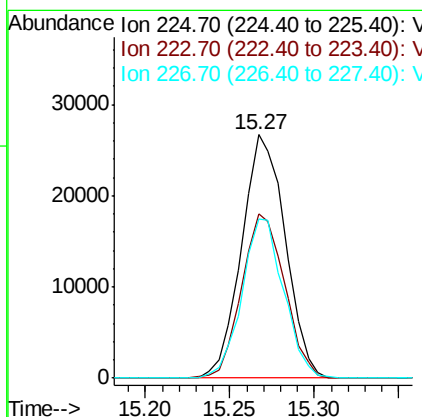
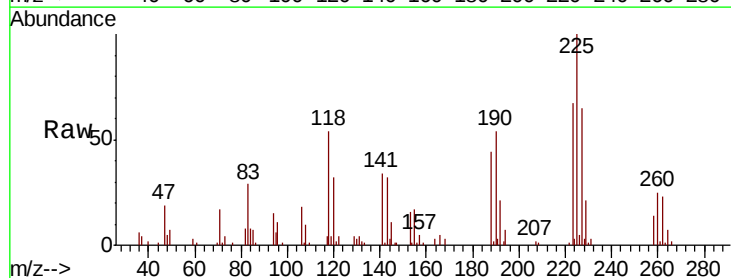
Manual Integrations  
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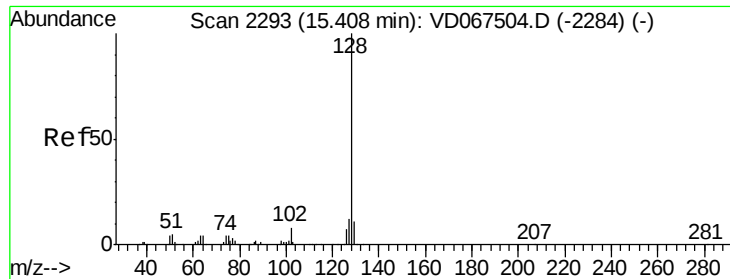
MMDadoda  
 11/23/2020 1:41:31 PM



#94  
 Hexachlorobutadiene  
 Concen: 22.047 ug/l  
 RT: 15.27 min Scan# 2269  
 Delta R.T. -0.01 min  
 Lab File: VD067719.D  
 Acq: 20 Nov 2020 12:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 47885 |       |       |
| 223     | 66.3  | 31.9  | 95.5  |       |
| 227     | 62.7  | 32.5  | 97.4  |       |





#95

Naphthalene

Concen: 23.847 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

Instrument :

MSVOA\_D

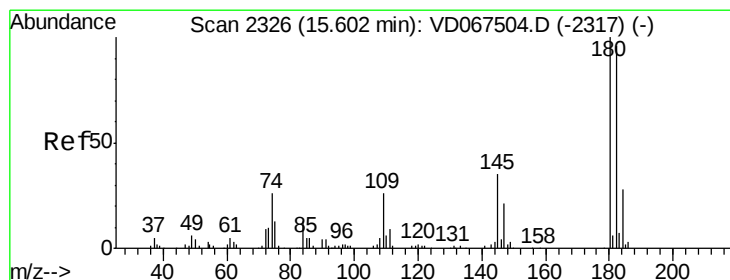
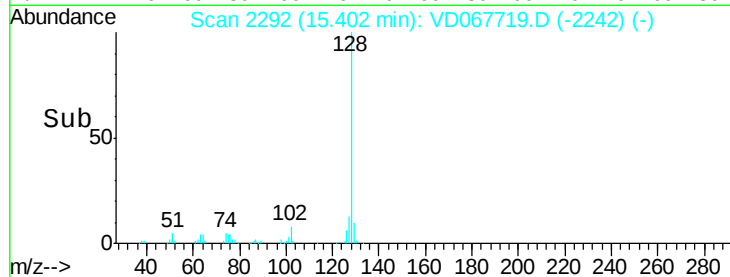
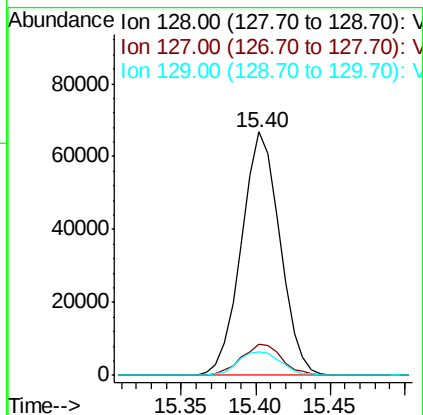
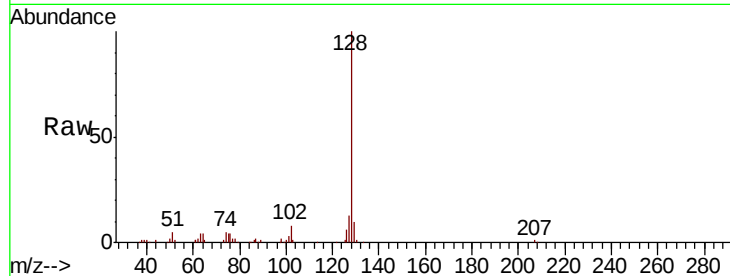
ClientSampleId :

VD1120SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 119432 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.5  | 10.2  | 15.4   |
| 129       | 10.8  | 8.9   | 13.3   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 23.473 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD067719.D

Acq: 20 Nov 2020 12:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 65233 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 92.4  | 46.9  | 140.8 |
| 145       | 33.5  | 17.1  | 51.2  |

