

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111920\  
 Data File : VD067701.D  
 Acq On : 19 Nov 2020 12:00  
 Operator : VA/SY  
 Sample : VD1119SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1119SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 11/20/2020 10:06:25 AM

Quant Time: Nov 20 00:48:25 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  | 273823   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 402873   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 365637   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 185174   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.33  | 65   | 112465   | 46.97  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 93.94% |          |
| 35) Dibromofluoromethane    | 7.92  | 113  | 113799   | 46.88  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 93.76% |          |
| 50) Toluene-d8              | 10.34 | 98   | 390897   | 45.83  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 91.66% |          |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 142237   | 48.30  | ug/l   | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |        |          |
|                             |       |      | Recovery | =      | 96.60% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85   | 51556    | 20.584  | ug/l   | 99     |
| 3) Chloromethane              | 2.21 | 50   | 31431    | 18.433  | ug/l   | 95     |
| 4) Vinyl Chloride             | 2.36 | 62   | 35656    | 18.756  | ug/l   | 97     |
| 5) Bromomethane               | 2.77 | 94   | 30614    | 19.868  | ug/l   | 97     |
| 6) Chloroethane               | 2.93 | 64   | 24170    | 20.622  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 3.28 | 101  | 103468   | 21.020  | ug/l   | 93     |
| 8) Diethyl Ether              | 3.71 | 74   | 20753    | 20.924  | ug/l   | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.10 | 101  | 52321    | 21.057  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.30 | 142  | 51571    | 19.365  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.19 | 59   | 20231    | 191.337 | ug/l # | 79     |
| 12) 1,1-Dichloroethene        | 4.07 | 96   | 46593    | 20.387  | ug/l # | 88     |
| 13) Acrolein                  | 3.93 | 56   | 4169     | 63.134  | ug/l # | 81     |
| 14) Allyl chloride            | 4.72 | 41   | 48098    | 19.664  | ug/l   | 95     |
| 15) Acrylonitrile             | 5.43 | 53   | 35448    | 96.682  | ug/l   | 93     |
| 16) Acetone                   | 4.16 | 43   | 35094    | 97.948  | ug/l # | 88     |
| 17) Carbon Disulfide          | 4.41 | 76   | 129812   | 18.536  | ug/l   | 96     |
| 18) Methyl Acetate            | 4.72 | 43   | 16025    | 21.644  | ug/l   | 89     |
| 19) Methyl tert-butyl Ether   | 5.48 | 73   | 96436    | 21.392  | ug/l # | 90     |
| 20) Methylene Chloride        | 4.97 | 84   | 58081    | 22.949  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96   | 54303    | 20.400  | ug/l   | 97     |
| 22) Diisopropyl ether         | 6.37 | 45   | 99882    | 20.954  | ug/l   | 96     |
| 23) Vinyl Acetate             | 6.31 | 43   | 258249   | 103.503 | ug/l   | 95     |
| 24) 1,1-Dichloroethane        | 6.27 | 63   | 80256    | 20.581  | ug/l   | 93     |
| 25) 2-Butanone                | 7.21 | 43   | 39679    | 103.643 | ug/l   | 92     |
| 26) 2,2-Dichloropropane       | 7.21 | 77   | 90925    | 22.093  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 7.22 | 96   | 58765    | 21.269  | ug/l   | 97     |
| 28) Bromochloromethane        | 7.55 | 49   | 27426    | 19.773  | ug/l   | 97     |
| 29) Tetrahydrofuran           | 7.57 | 42   | 23745    | 103.543 | ug/l   | 97     |
| 30) Chloroform                | 7.71 | 83   | 100005   | 21.497  | ug/l   | 98     |
| 31) Cyclohexane               | 7.98 | 56   | 66373    | 19.113  | ug/l # | 86     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97   | 102487   | 21.352  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 8.11 | 75   | 71918    | 20.855  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.30 | 43   | 18491    | 20.653  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 8.10 | 117  | 99798    | 22.273  | ug/l   | 96     |

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 Operator : VA/SY  
 Sample : VD1119SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD1119SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 11/20/2020 10:06:25 AM

Quant Time: Nov 20 00:48:25 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   | 81079    | 19.976  | ug/l   | 93       |
| 40) Benzene                    | 8.36  | 78   | 204306   | 21.871  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.53  | 41   | 11947    | 22.324  | ug/l # | 88       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 64877    | 22.479  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.46  | 43   | 37713    | 21.299  | ug/l   | 100      |
| 44) Trichloroethene            | 9.12  | 130  | 65250    | 21.244  | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 42816    | 21.200  | ug/l   | 94       |
| 46) Dibromomethane             | 9.48  | 93   | 27895    | 21.723  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.67  | 83   | 76662    | 21.964  | ug/l   | 91       |
| 48) Methyl methacrylate        | 9.46  | 41   | 17778    | 19.446  | ug/l # | 89       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 5703     | 437.472 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 91668    | 108.251 | ug/l   | 99       |
| 52) Toluene                    | 10.41 | 92   | 139529   | 22.301  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 65169    | 21.801  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 76316    | 21.488  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 37940    | 22.330  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 35627    | 20.305  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 60516    | 22.134  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether  | 9.95  | 63   | 87812    | 107.321 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.99 | 43   | 63809    | 107.769 | ug/l   | 96       |
| 60) Dibromochloromethane       | 11.14 | 129  | 56208    | 22.363  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.26 | 107  | 37742    | 22.133  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.88 | 164  | 58431    | 21.578  | ug/l   | 95       |
| 65) Chlorobenzene              | 11.67 | 112  | 153222   | 21.755  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 61930    | 22.310  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.75 | 91   | 259416   | 21.524  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.86 | 106  | 210718   | 44.940  | ug/l   | 97       |
| 69) o-Xylene                   | 12.18 | 106  | 94047    | 22.465  | ug/l   | 96       |
| 70) Styrene                    | 12.20 | 104  | 161365   | 22.121  | ug/l   | 100      |
| 71) Bromoform                  | 12.36 | 173  | 31014    | 21.906  | ug/l # | 95       |
| 73) Isopropylbenzene           | 12.48 | 105  | 262872   | 21.966  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.29 | 43   | 31596    | 20.064  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 36809    | 22.556  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 25995m   | 23.271  | ug/l   |          |
| 77) Bromobenzene               | 12.77 | 156  | 64584    | 21.974  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.83 | 91   | 300378   | 21.943  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 167799   | 21.580  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 234460   | 22.934  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 11176    | 20.312  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 186259   | 22.334  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.23 | 119  | 196815   | 22.716  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 228857   | 22.489  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.41 | 105  | 257224   | 21.992  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 253310   | 22.427  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 125545   | 22.386  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 123897   | 21.818  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.84 | 91   | 212412   | 21.772  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.11 | 117  | 46116    | 21.681  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 107688   | 22.187  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 6271     | 21.704  | ug/l   | 92       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111920\  
 Data File : VD067701.D  
 Acq On : 19 Nov 2020 12:00  
 Operator : VA/SY  
 Sample : VD1119SBSD01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1119SBSD01

Manual Integrations  
 APPROVED

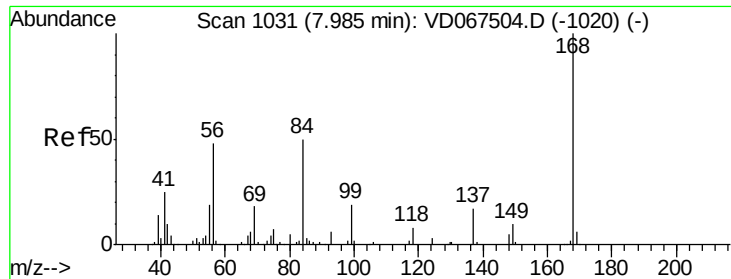
MMDadoda  
 11/20/2020 10:06:25 AM

Quant Time: Nov 20 00:48:25 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  | 72416    | 21.982 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 47325    | 21.465 | ug/l  | 98       |
| 95) Naphthalene            | 15.40 | 128  | 111813   | 21.994 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 60536    | 21.459 | ug/l  | 94       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1119SBS01

Tot Ion:168 Resp: 273823

Ion Ratio Lower Upper

168 100

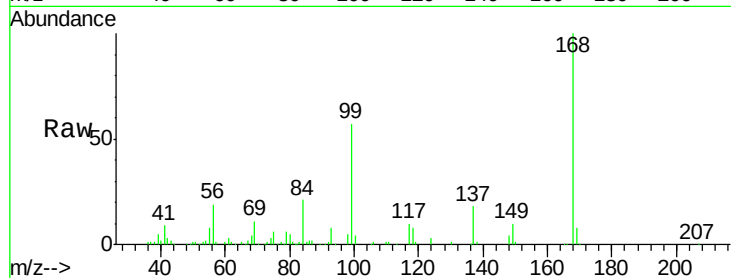
99 56.7 45.0 67.6

Manual Integrations

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11/20/2020 10:06:25 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

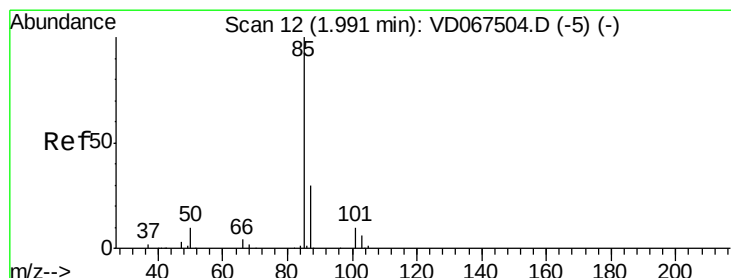
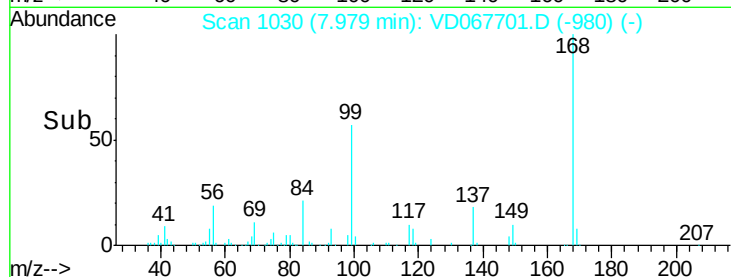
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.584 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067701.D

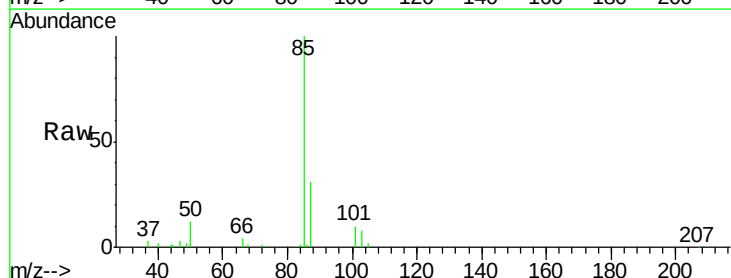
Acq: 19 Nov 2020 12:00

Tgt Ion: 85 Resp: 51556

Ion Ratio Lower Upper

85 100

87 31.3 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

30000

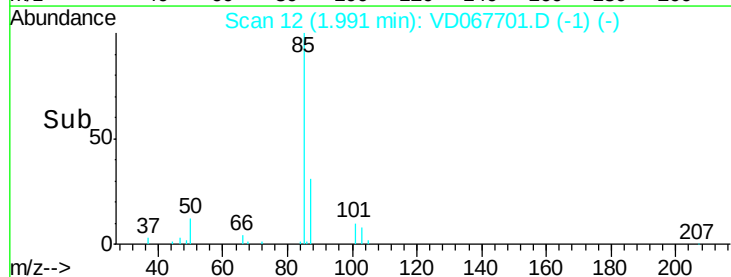
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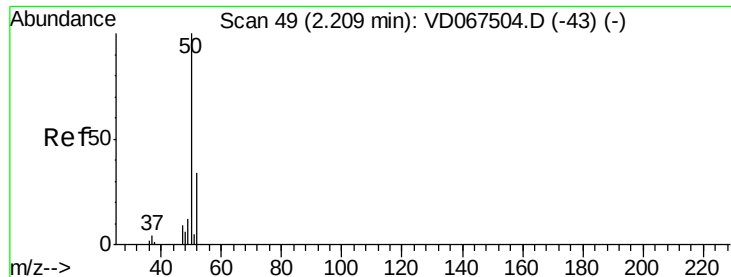
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0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 18.433 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1119SBS01

Tot Ion: 50 Resp: 31431

Ion Ratio Lower Upper

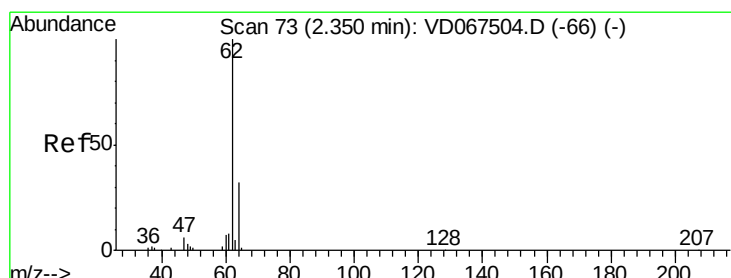
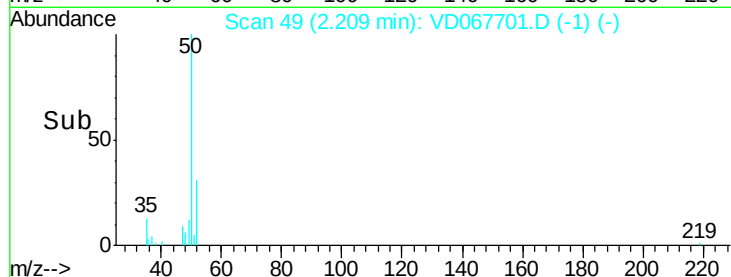
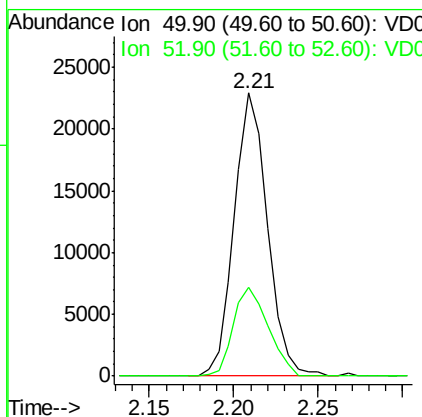
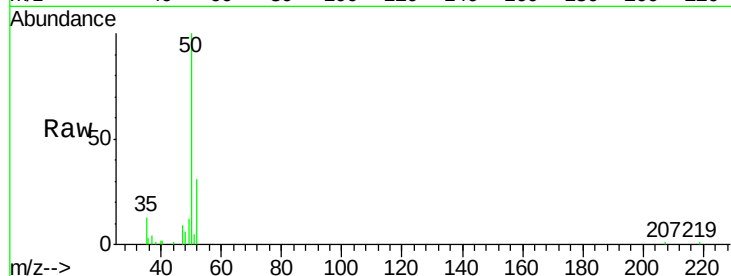
50 100

52 31.5 27.3 40.9

Manual Integrations  
APPROVED

MMDadoda

11/20/2020 10:06:25 AM



#4

Vinyl Chloride

Concen: 18.756 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD067701.D

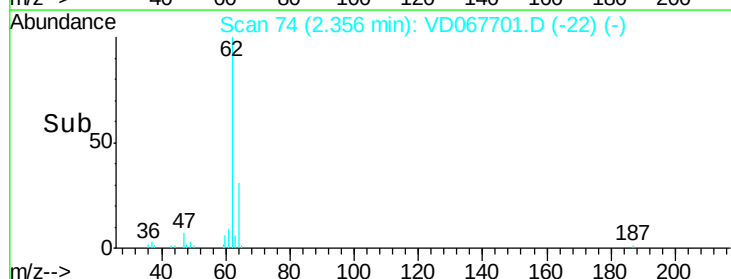
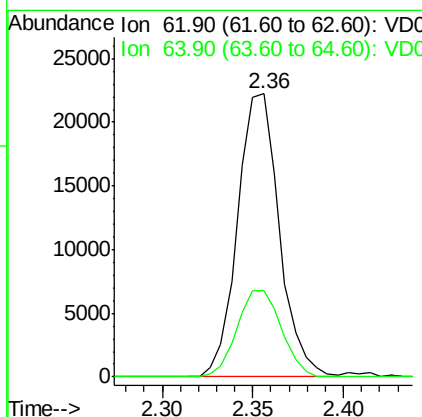
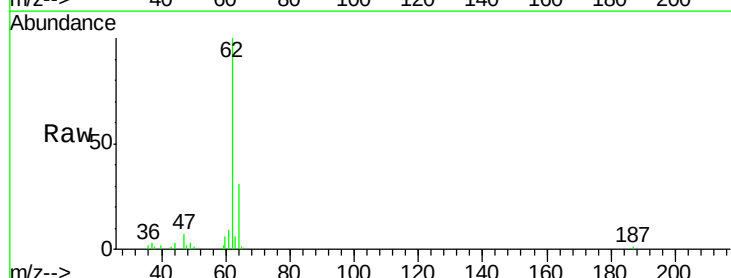
Acq: 19 Nov 2020 12:00

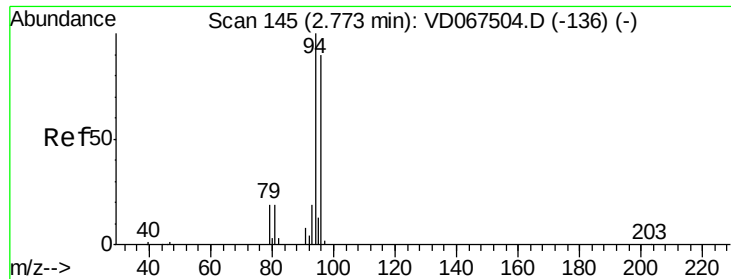
Tgt Ion: 62 Resp: 35656

Ion Ratio Lower Upper

62 100

64 30.6 25.6 38.4





#5

Bromomethane

Concen: 19.868 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1119SBS01

Tot Ion: 94 Resp: 30614

Ion Ratio Lower Upper

94 100

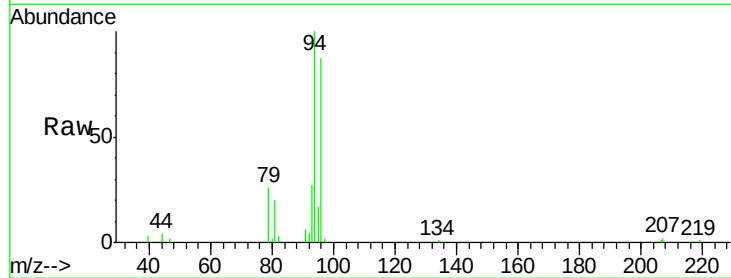
96 87.2 72.2 108.2

Manual Integrations

APPROVED

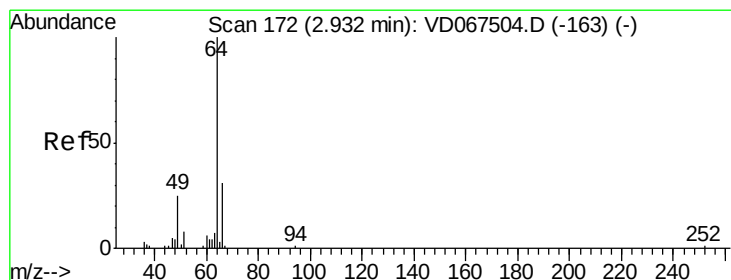
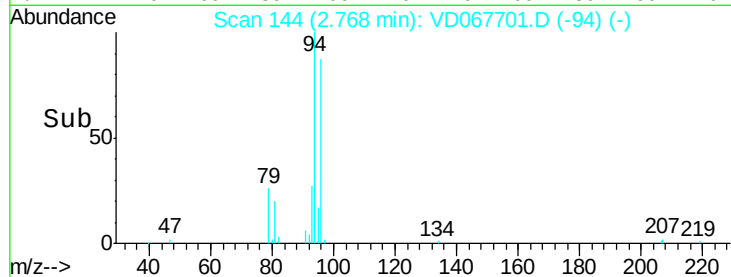
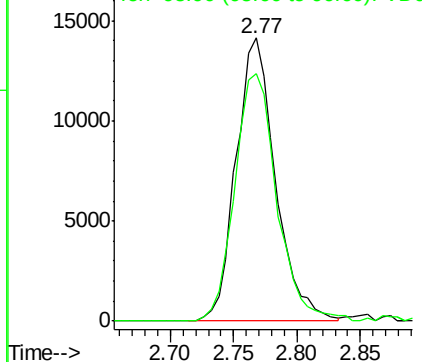
MMDadoda

11/20/2020 10:06:25 AM



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.622 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067701.D

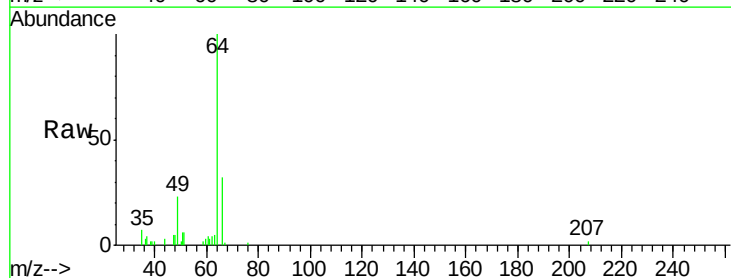
Acq: 19 Nov 2020 12:00

Tgt Ion: 64 Resp: 24170

Ion Ratio Lower Upper

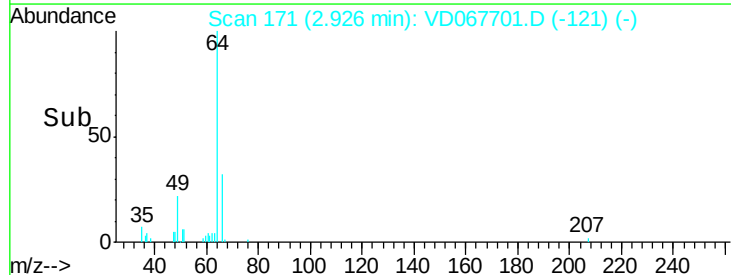
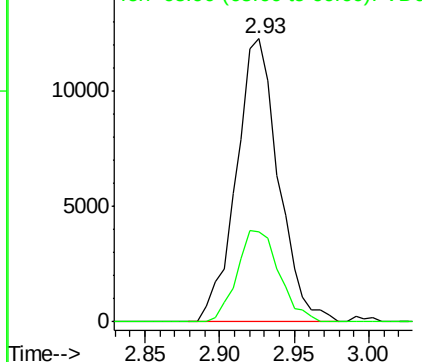
64 100

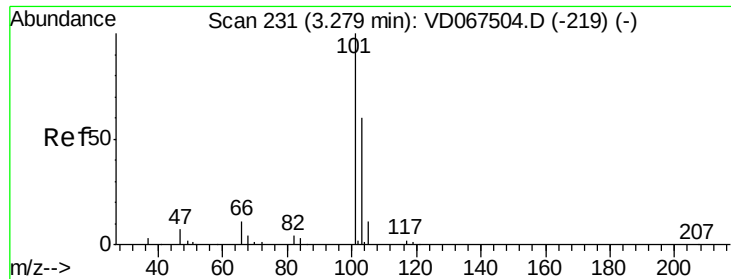
66 32.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

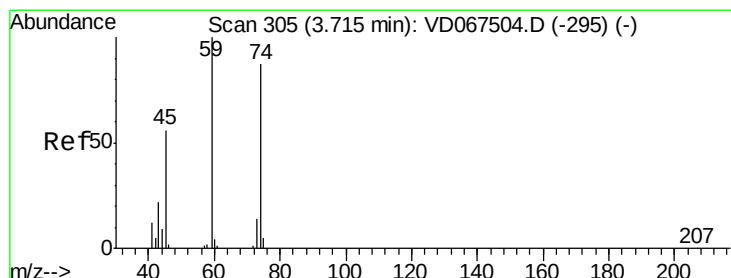
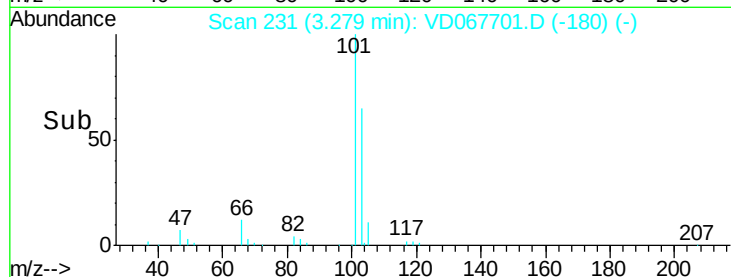
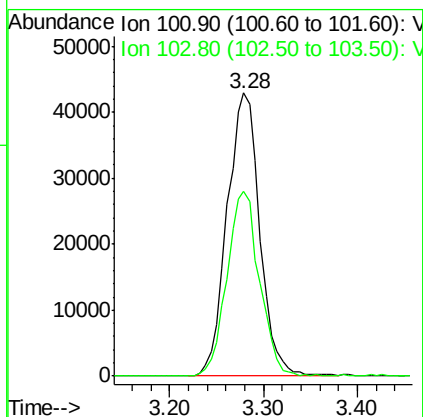
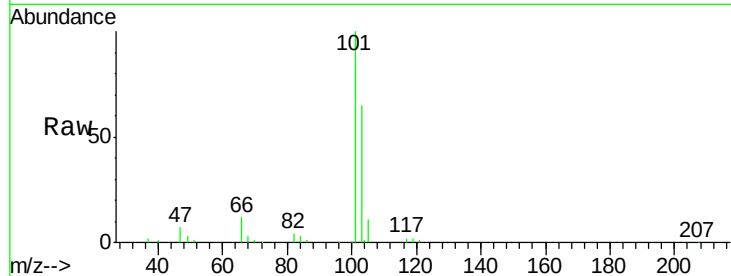
Trichlorofluoromethane  
Concen: 21.020 ug/l  
RT: 3.28 min Scan# 231  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 101     | 100  |       | 103468 |       |       |
| 103     | 65.5 | 48.1  | 72.1   |       |       |

Manual Integrations  
APPROVED

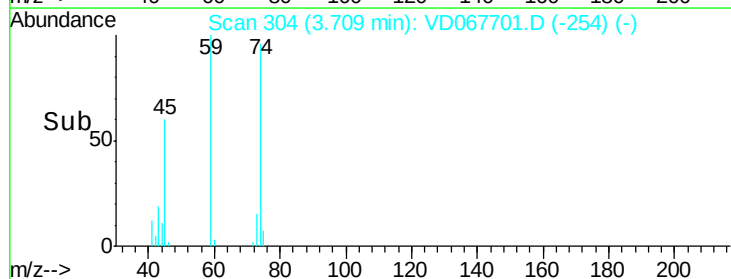
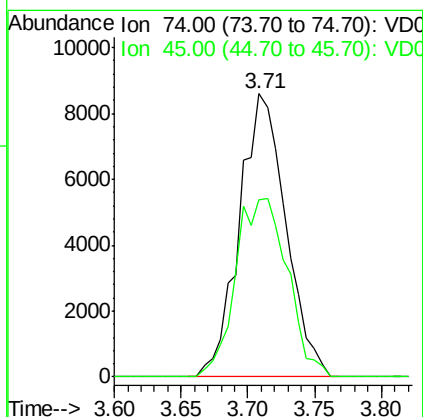
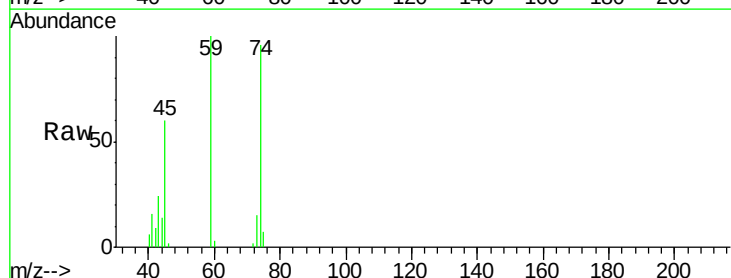
MMDadoda  
11/20/2020 10:06:25 AM



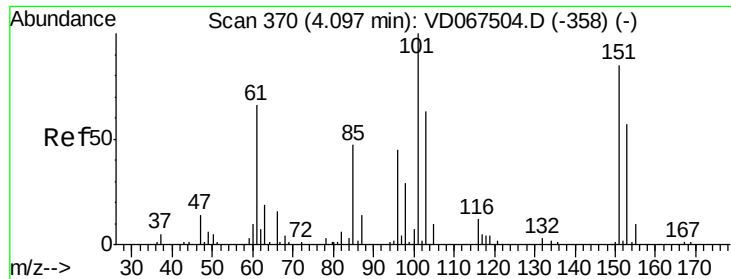
#8

Diethyl Ether  
Concen: 20.924 ug/l  
RT: 3.71 min Scan# 304  
Delta R.T. -0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 74      | 100  |       | 20753 |       |       |
| 45      | 70.4 | 38.2  | 114.6 |       |       |







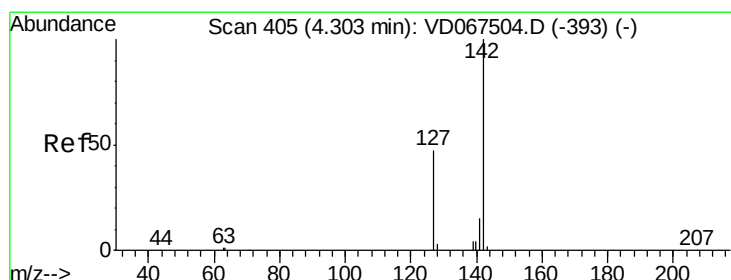
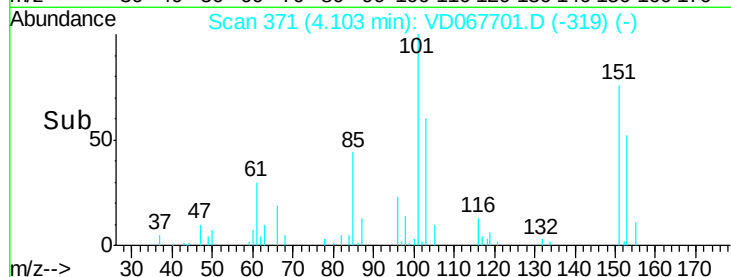
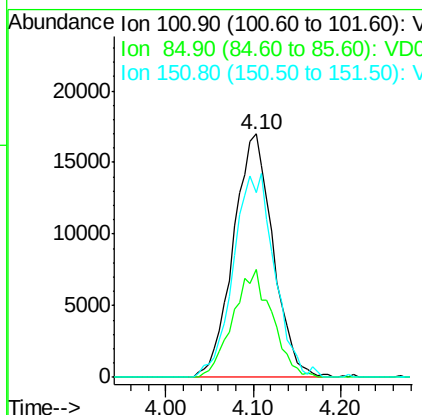
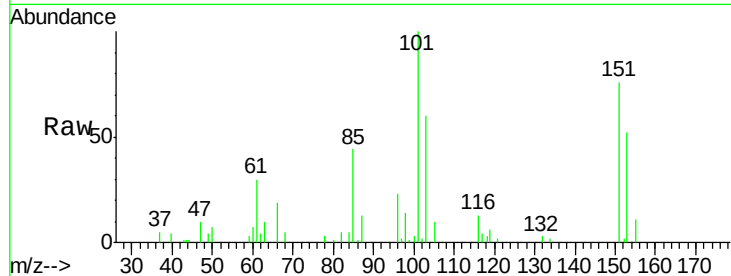
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.057 ug/l  
RT: 4.10 min Scan# 371  
Delta R.T. 0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 44.0  | 34.4  | 51.6  |
| 151     | 86.3  | 68.1  | 102.1 |

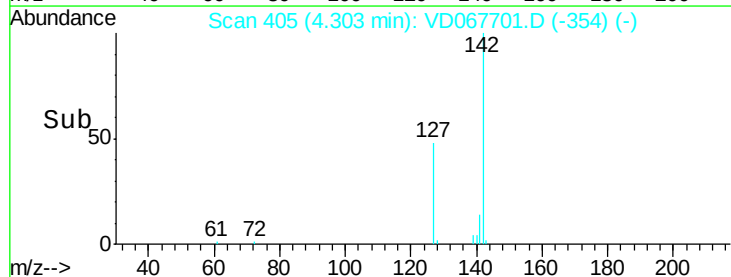
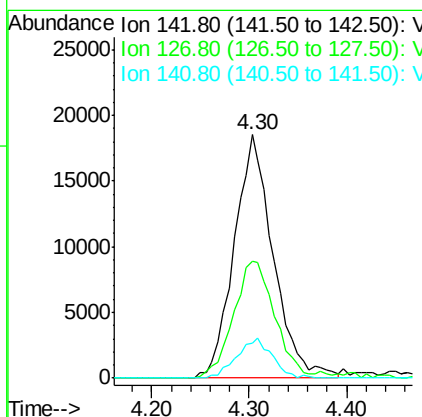
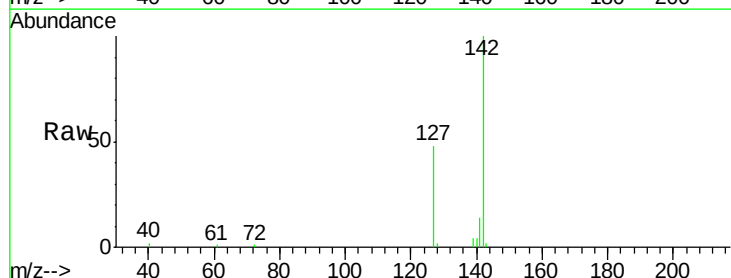
Manual Integrations  
APPROVED

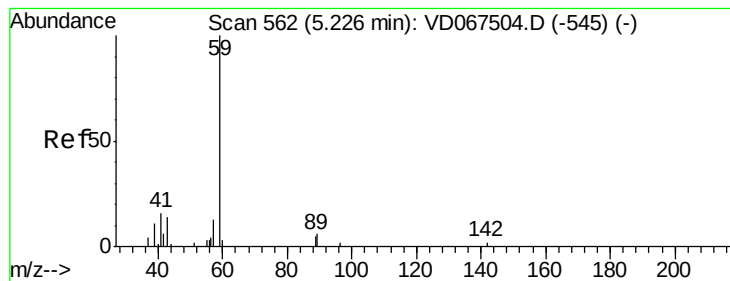
MMDadoda  
11/20/2020 10:06:25 AM



#10  
Methyl Iodide  
Concen: 19.365 ug/l  
RT: 4.30 min Scan# 405  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 51.0  | 40.0  | 60.0  |
| 141     | 14.5  | 11.7  | 17.5  |





#11

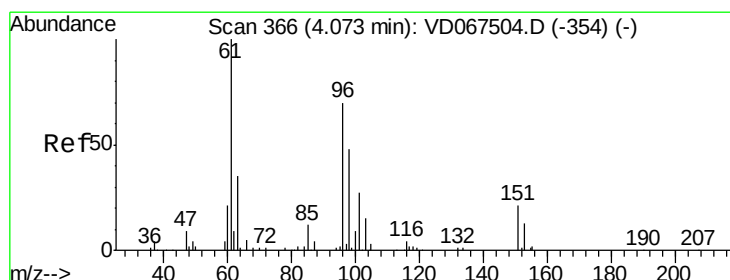
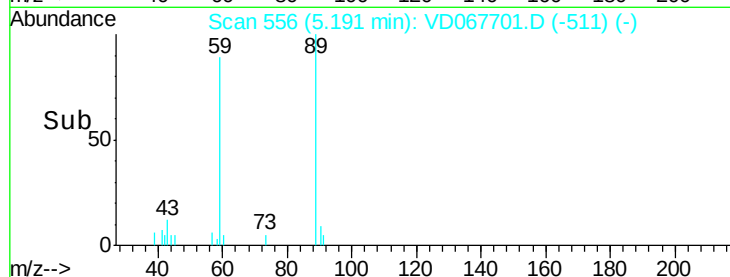
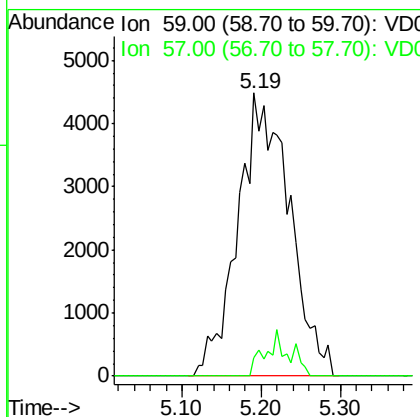
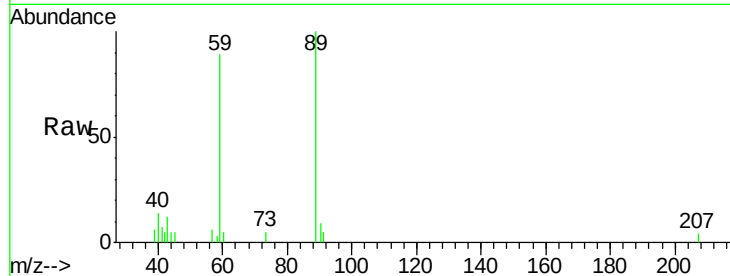
Tert butyl alcohol  
 Concen: 191.337 ug/l  
 RT: 5.19 min Scan# 556  
 Delta R.T. -0.04 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1119SBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 59      | 100   | 20231 |       |       |
| 57      | 0.0   | 5.9   | 8.9#  |       |

Manual Integrations  
 APPROVED

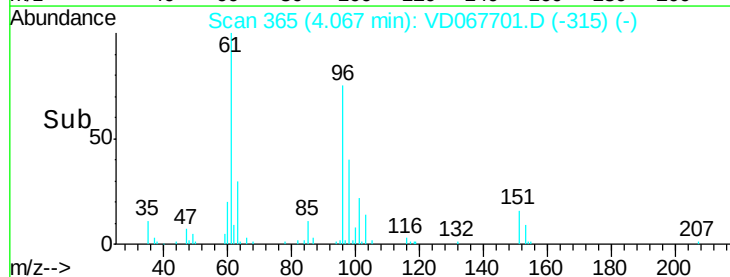
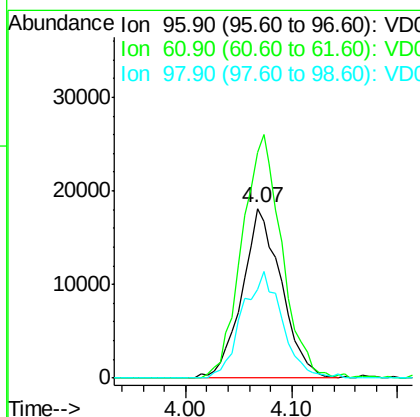
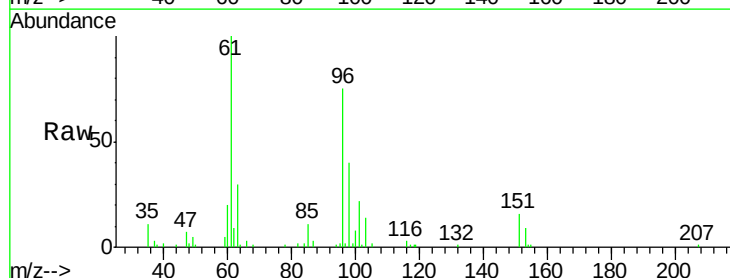
MMDadoda  
 11/20/2020 10:06:25 AM

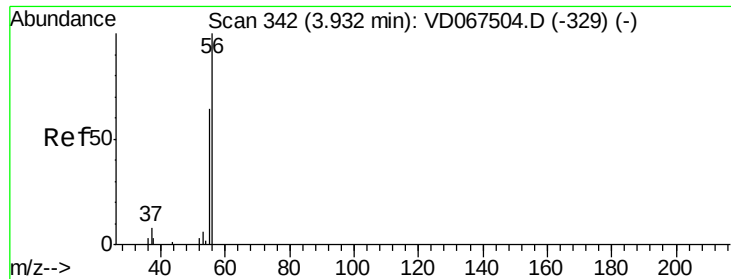


#12

1,1-Dichloroethene  
 Concen: 20.387 ug/l  
 RT: 4.07 min Scan# 365  
 Delta R.T. -0.01 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 46593 |       |       |
| 61      | 132.5 | 114.5 | 171.7 |       |
| 98      | 52.6  | 54.5  | 81.7# |       |





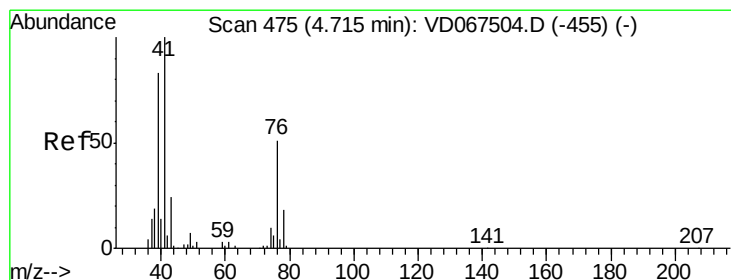
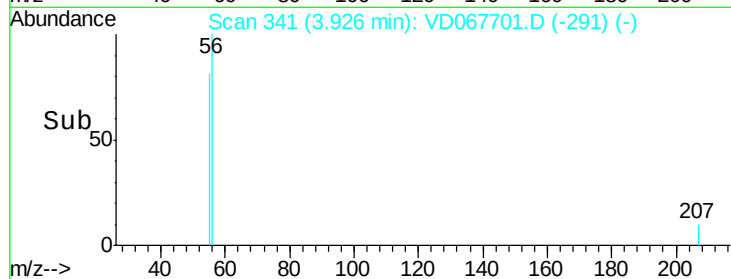
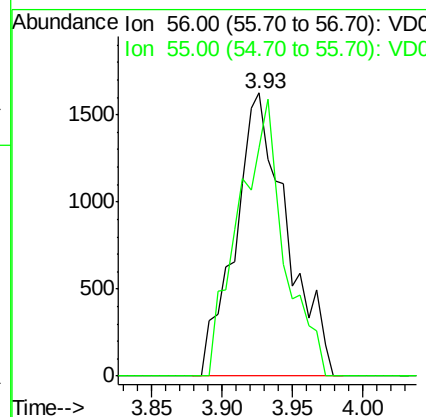
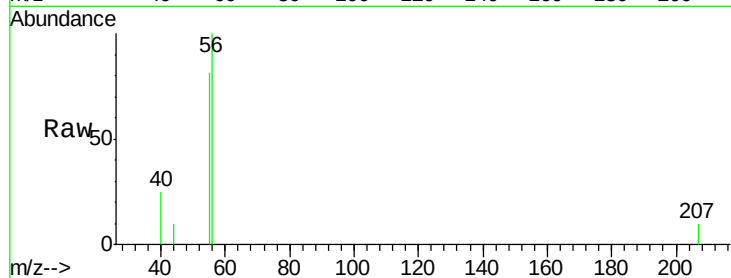
#13  
Acrolein  
Concen: 63.134 ug/l  
RT: 3.93 min Scan# 341  
Delta R.T. -0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

| Tot Ion | 56  | 55   | Ratio | Lower | Upper |
|---------|-----|------|-------|-------|-------|
| 4169    | 100 | 85.7 |       | 55.8  | 83.8# |

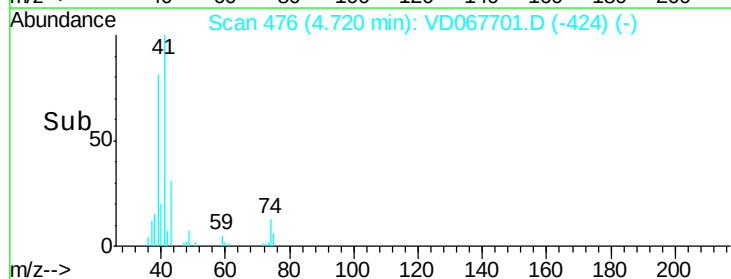
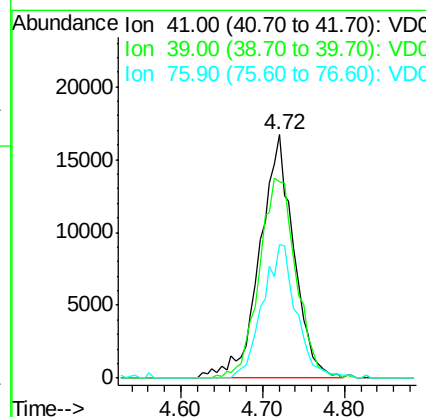
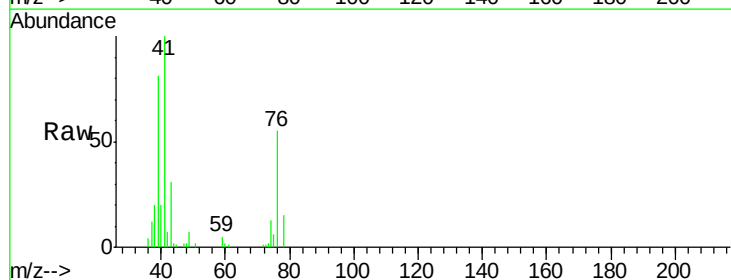
Manual Integrations  
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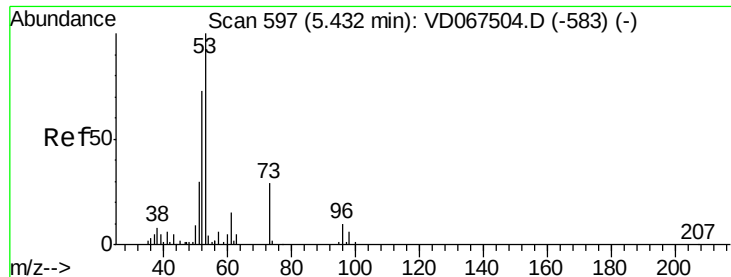
MMDadoda  
11/20/2020 10:06:25 AM



#14  
Allyl chloride  
Concen: 19.664 ug/l  
RT: 4.72 min Scan# 476  
Delta R.T. 0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

| Tgt Ion | 41  | 39   | 76   | Ratio | Lower | Upper |
|---------|-----|------|------|-------|-------|-------|
| 48098   | 100 | 89.8 | 54.7 |       | 67.4  | 101.0 |
|         |     |      |      |       | 42.2  | 63.2  |





#15

Acrylonitrile

Concen: 96.682 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

Instrument :

MSVOA\_D

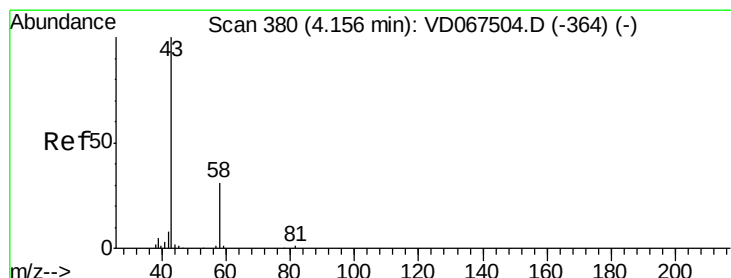
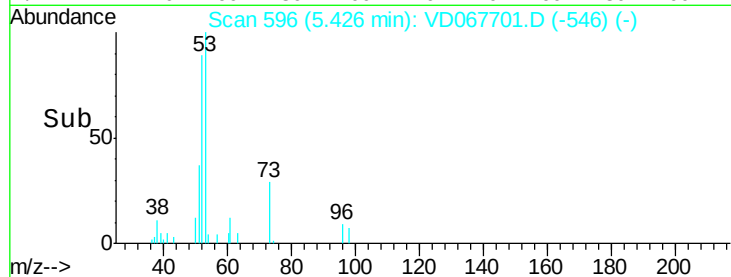
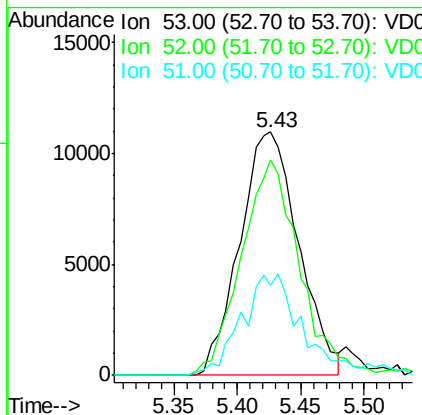
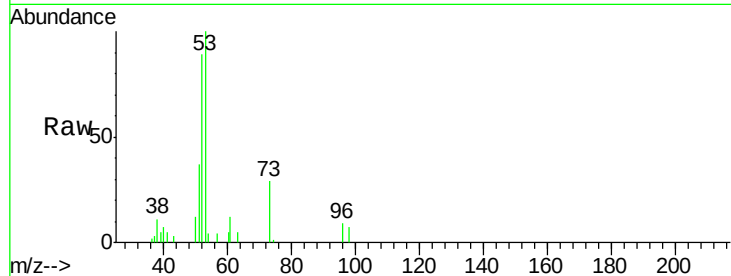
ClientSampleId :

VD1119SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 53    | Resp: | 35448 |
| Ion Ratio | Lower | Upper |       |
| 53        | 100   |       |       |
| 52        | 87.1  | 64.8  | 97.2  |
| 51        | 41.8  | 29.5  | 44.3  |

Manual Integrations  
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11/20/2020 10:06:25 AM



#16

Acetone

Concen: 97.948 ug/l

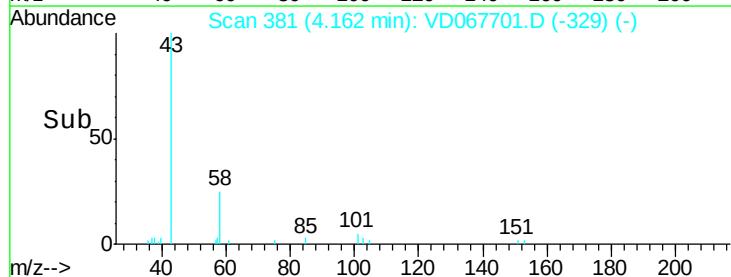
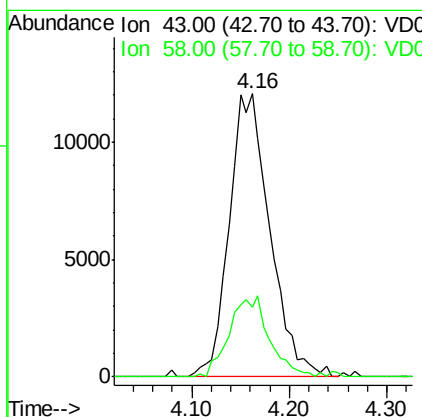
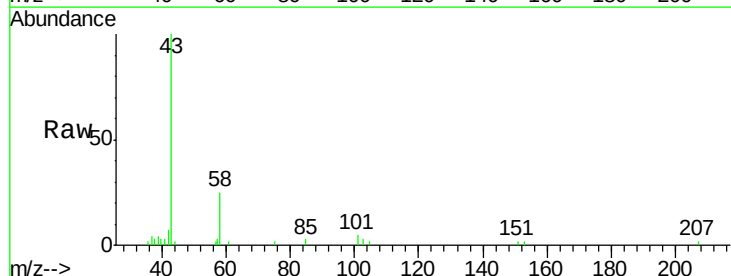
RT: 4.16 min Scan# 381

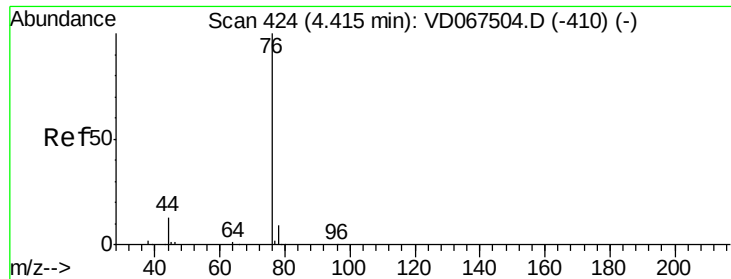
Delta R.T. 0.01 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 35094 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 24.7  | 25.2  | 37.8# |





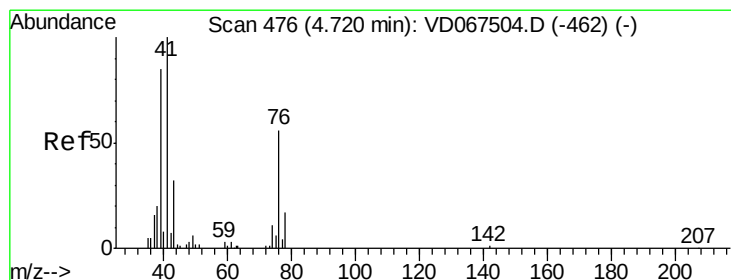
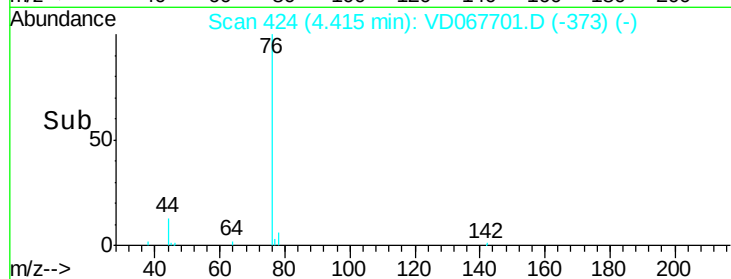
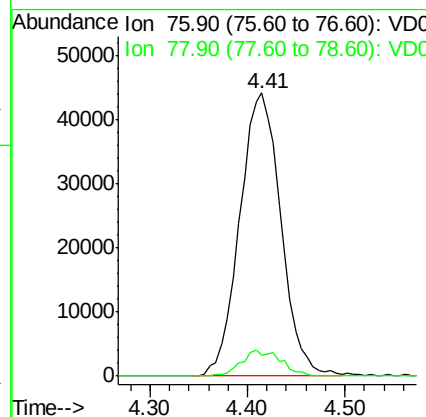
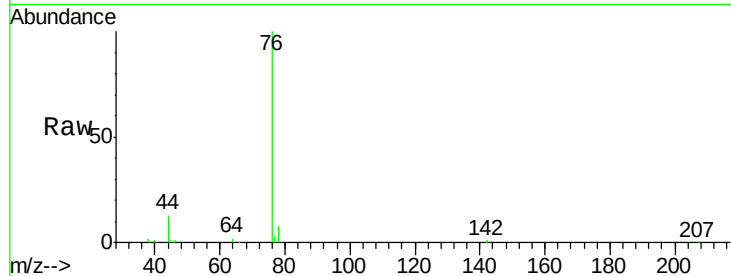
#17  
Carbon Disulfide  
Concen: 18.536 ug/l  
RT: 4.41 min Scan# 424  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 7.6   | 7.2   | 10.8  |

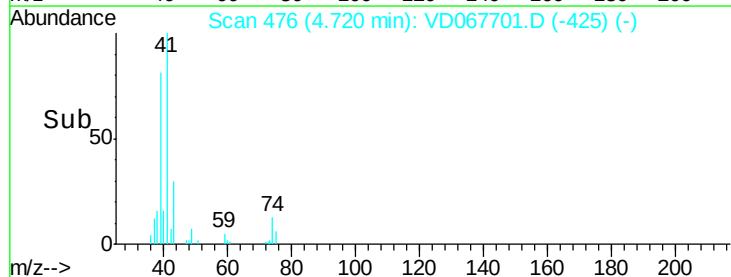
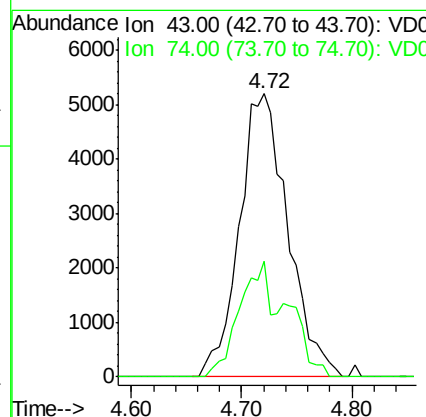
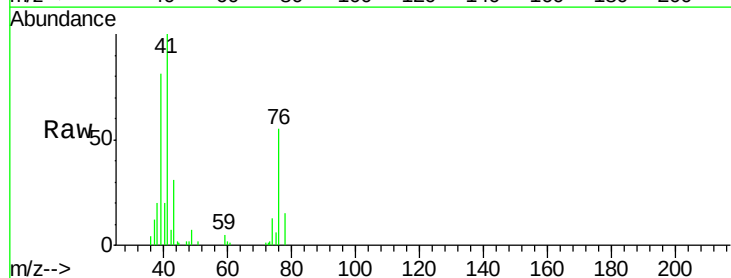
Manual Integrations  
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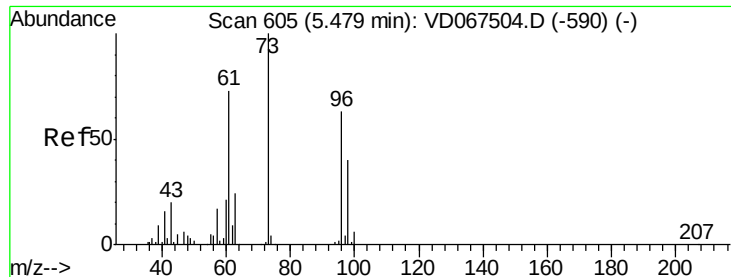
MMDadoda  
11/20/2020 10:06:25 AM



#18  
Methyl Acetate  
Concen: 21.644 ug/l  
RT: 4.72 min Scan# 476  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 27.6  | 27.2  | 40.8  |





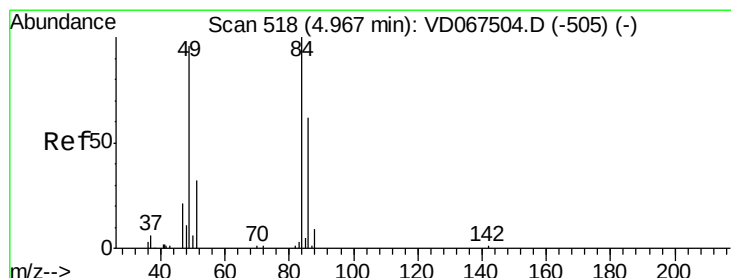
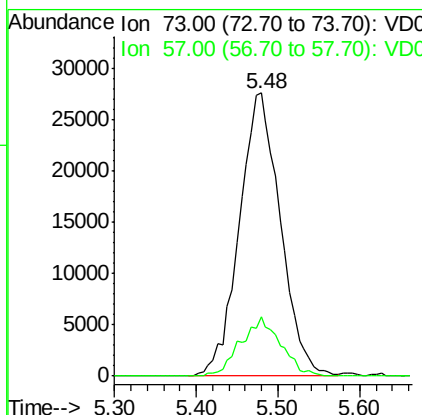
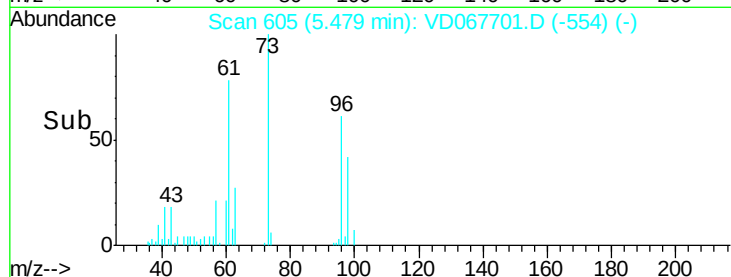
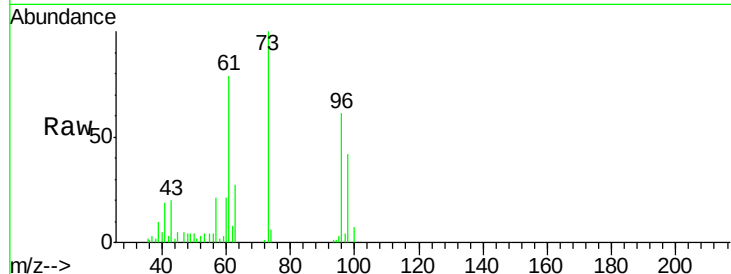
#19  
Methyl tert-butyl Ether  
Concen: 21.392 ug/l  
RT: 5.48 min Scan# 605  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

Tot Ion: 73 Resp: 96436  
Ion Ratio Lower Upper  
73 100  
57 20.9 13.4 20.0#

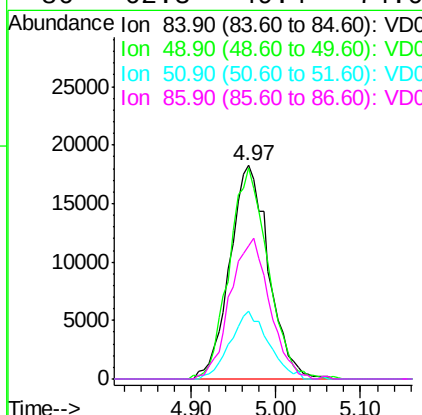
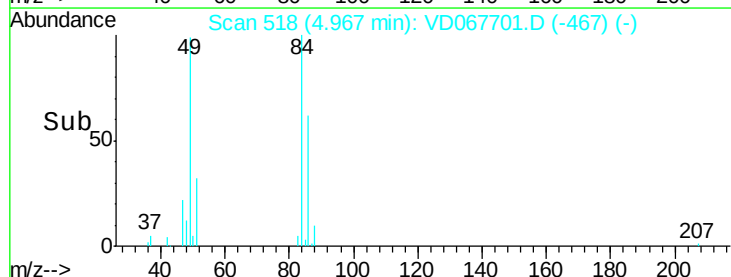
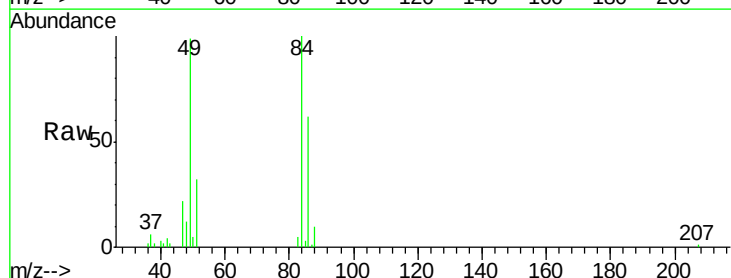
Manual Integrations  
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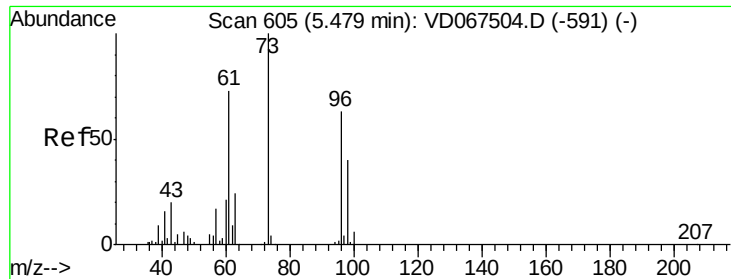
MMDadoda  
11/20/2020 10:06:25 AM



#20  
Methylene Chloride  
Concen: 22.949 ug/l  
RT: 4.97 min Scan# 518  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Tgt Ion: 84 Resp: 58081  
Ion Ratio Lower Upper  
84 100  
49 99.0 77.0 115.4  
51 31.9 25.4 38.2  
86 62.3 49.4 74.0





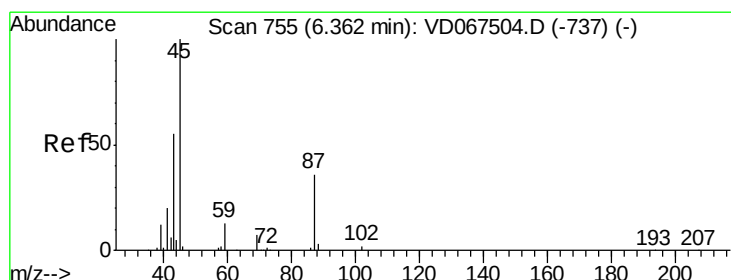
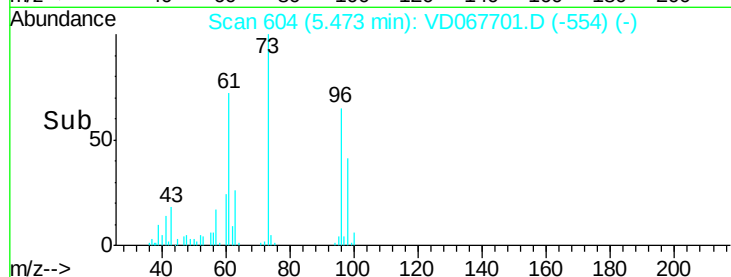
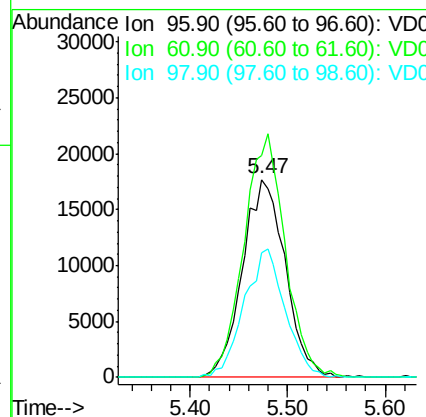
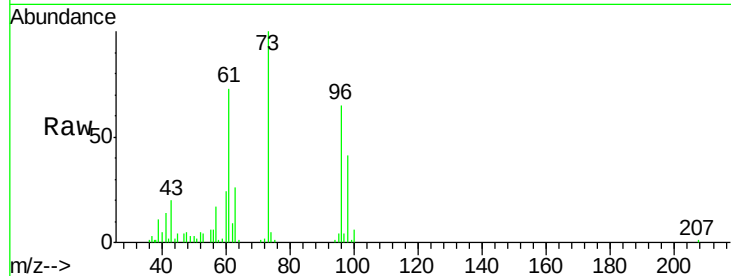
#21  
trans-1,2-Dichloroethene  
Concen: 20.400 ug/l  
RT: 5.47 min Scan# 604  
Delta R.T. -0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 112.3 | 93.0  | 139.6 |
| 98      | 62.7  | 50.9  | 76.3  |

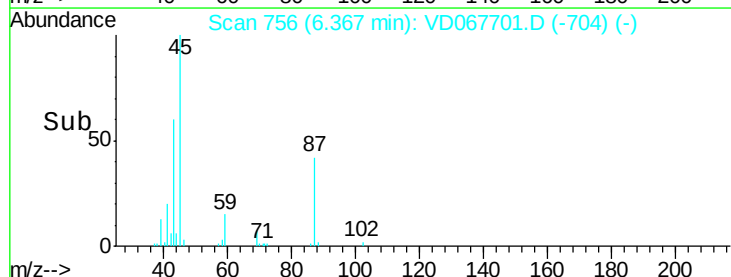
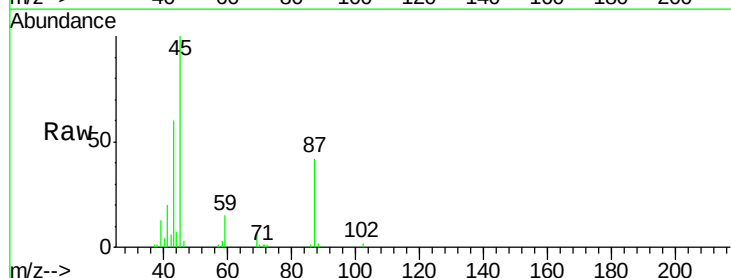
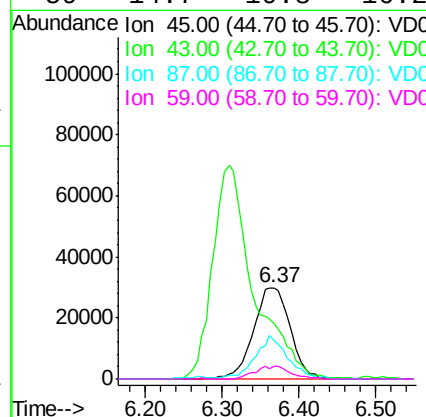
Manual Integrations  
APPROVED

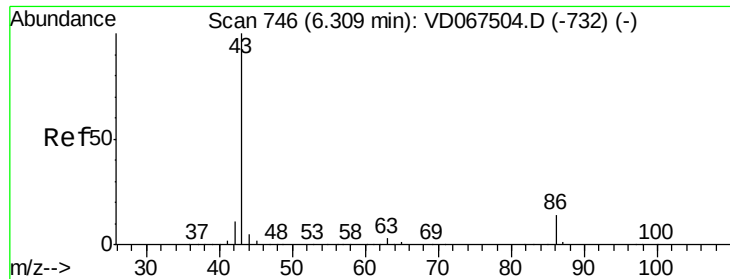
MMDadoda  
11/20/2020 10:06:25 AM



#22  
Diisopropyl ether  
Concen: 20.954 ug/l  
RT: 6.37 min Scan# 756  
Delta R.T. 0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 58.9  | 46.2  | 69.4  |
| 87      | 42.0  | 29.4  | 44.2  |
| 59      | 14.7  | 10.8  | 16.2  |





#23

Vinyl Acetate

Concen: 103.503 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1119SBS01

Tot Ion: 43 Resp: 258249

Ion Ratio Lower Upper

43 100

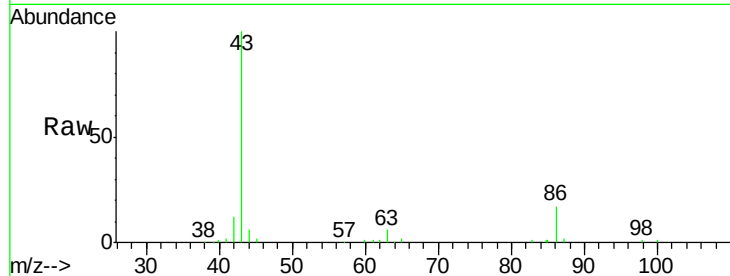
86 16.5 11.6 17.4

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

80000

60000

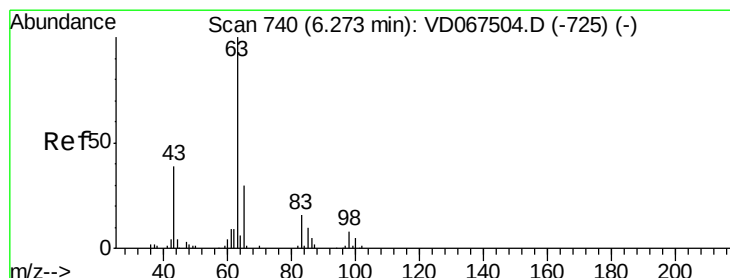
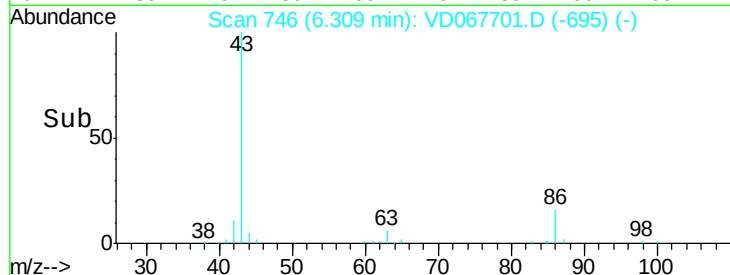
40000

20000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 20.581 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

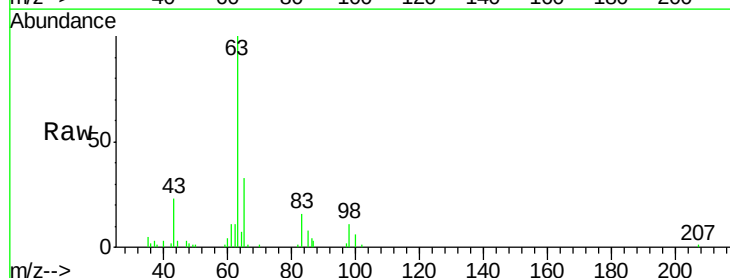
Tgt Ion: 63 Resp: 80256

Ion Ratio Lower Upper

63 100

98 11.0 3.9 11.5

100 6.0 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

6.27

30000

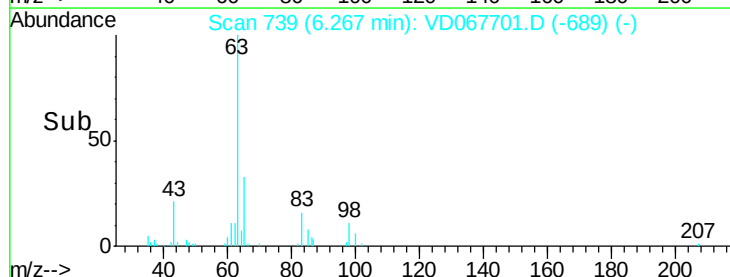
20000

10000

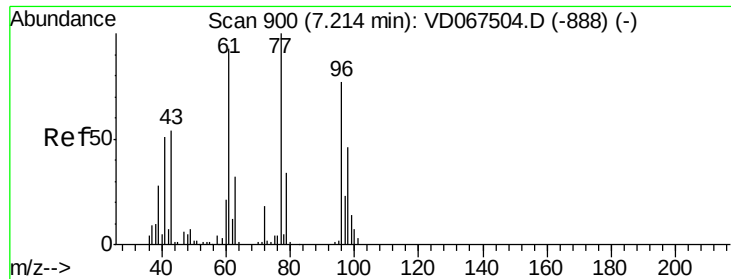
0

6.20 6.30

Time-->







#25

2-Butanone

Concen: 103.643 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1119SBS01

Tot Ion: 43 Resp: 39679

Ion Ratio Lower Upper

43 100

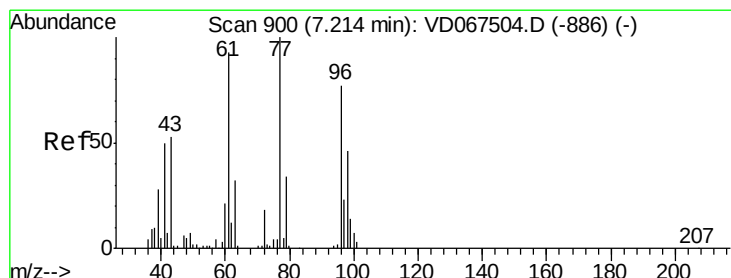
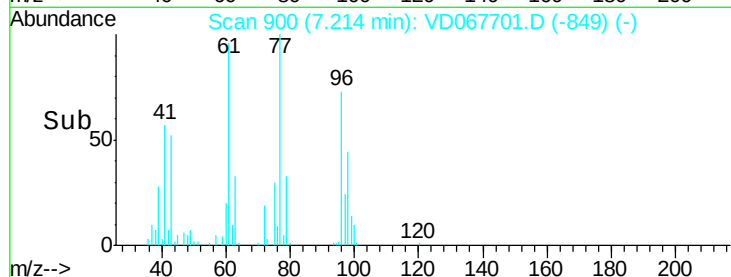
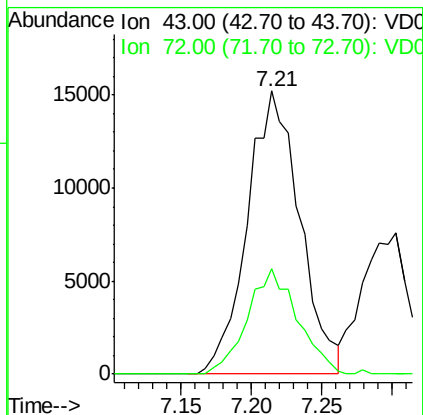
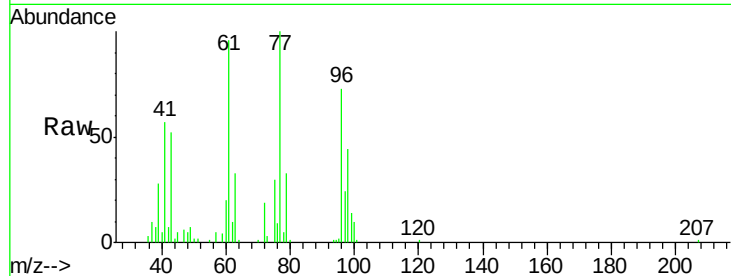
72 37.4 26.4 39.6

Manual Integrations

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MMDadoda

11/20/2020 10:06:25 AM



#26

2,2-Dichloropropane

Concen: 22.093 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067701.D

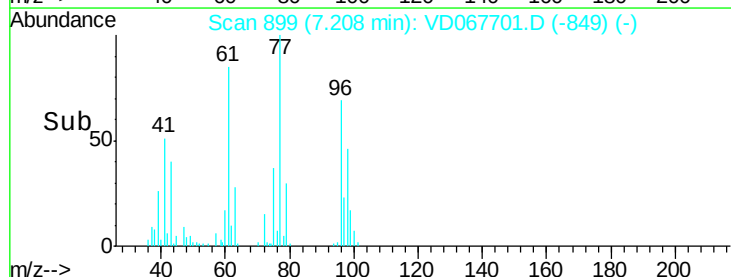
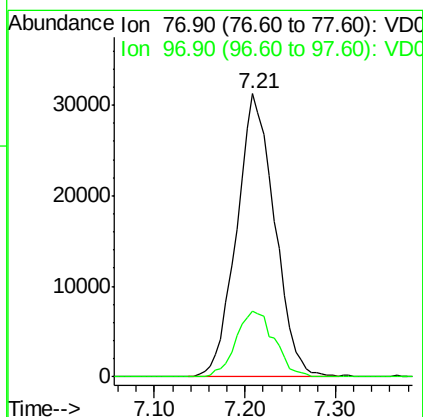
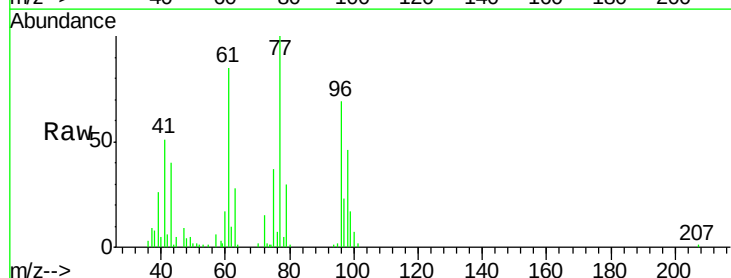
Acq: 19 Nov 2020 12:00

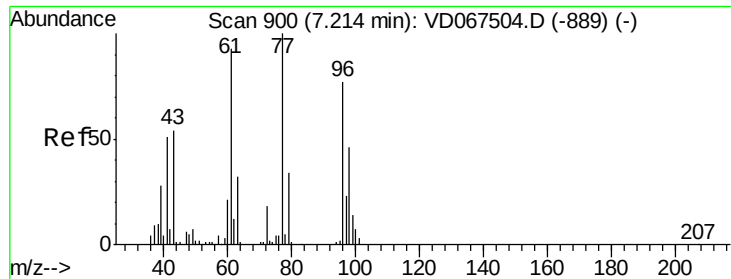
Tgt Ion: 77 Resp: 90925

Ion Ratio Lower Upper

77 100

97 23.6 11.1 33.3





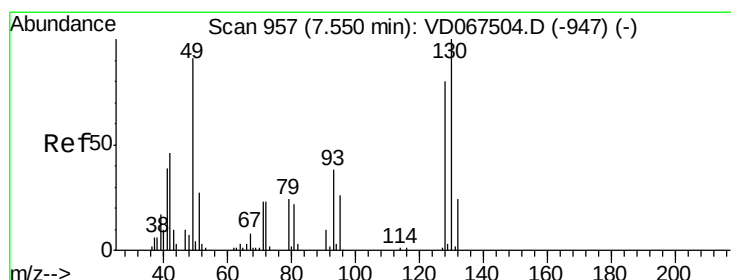
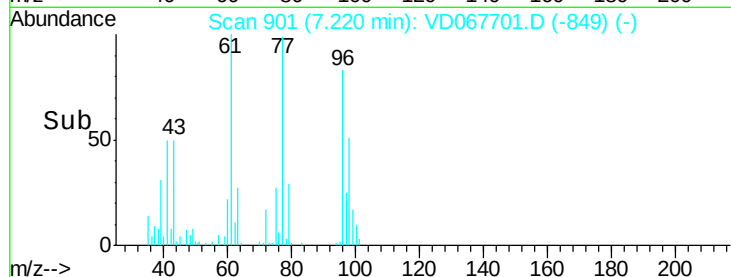
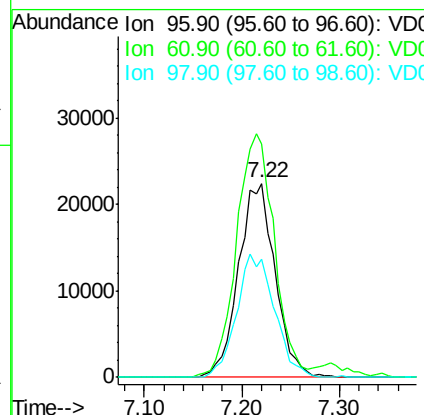
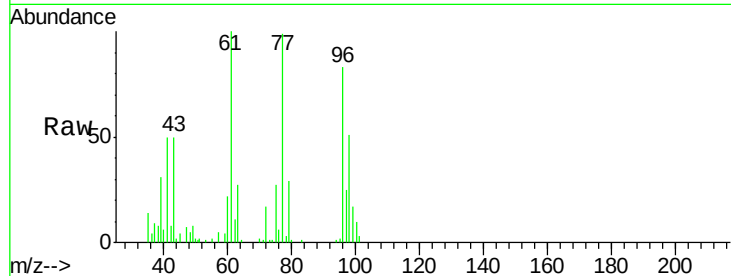
#27  
 cis-1,2-Dichloroethene  
 Concen: 21.269 ug/l  
 RT: 7.22 min Scan# 901  
 Delta R.T. 0.01 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1119SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 129.6 | 0.0   | 251.6 |
| 98      | 65.5  | 0.0   | 128.0 |

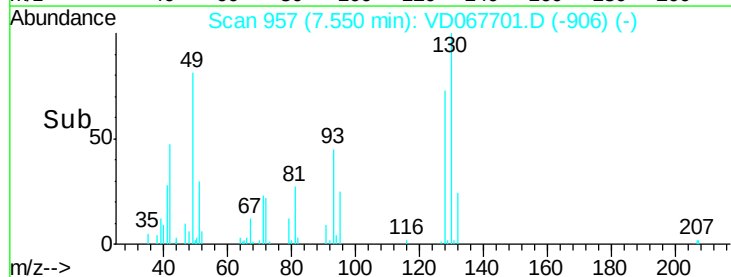
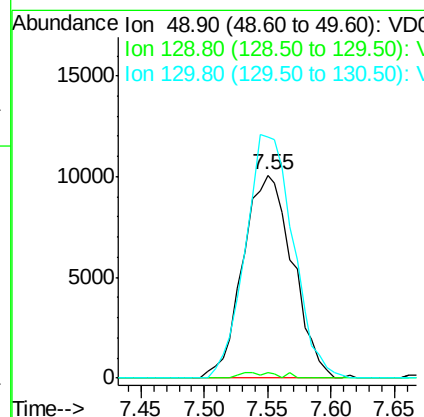
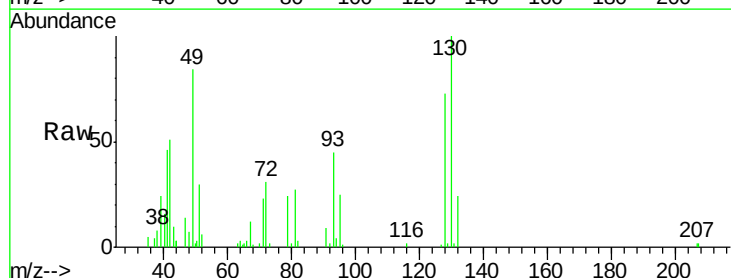
Manual Integrations  
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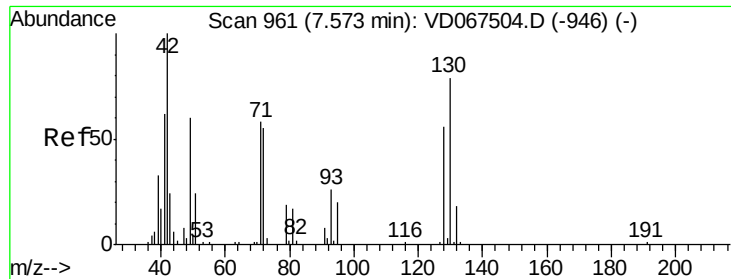
MMDadoda  
 11/20/2020 10:06:25 AM



#28  
 Bromochloromethane  
 Concen: 19.773 ug/l  
 RT: 7.55 min Scan# 957  
 Delta R.T. -0.00 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.8   | 0.0   | 6.4   |
| 130     | 115.6 | 94.6  | 142.0 |





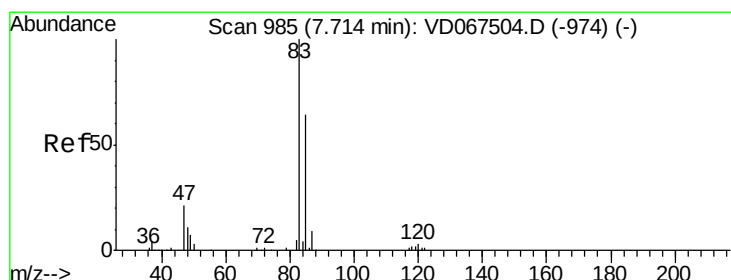
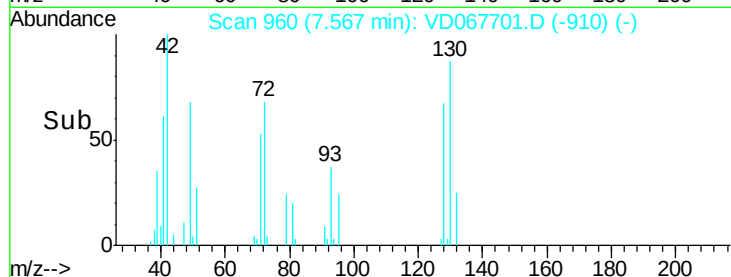
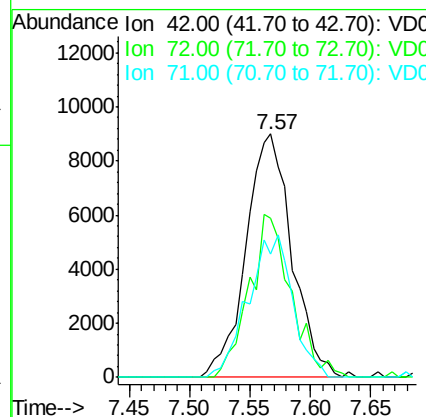
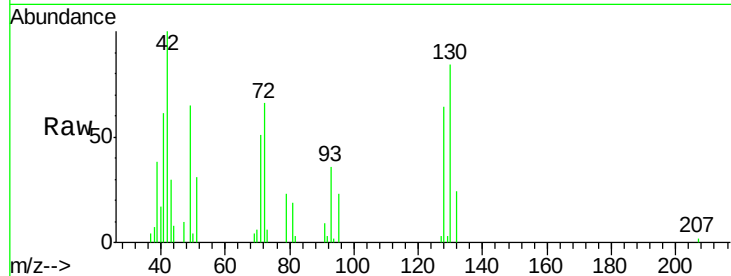
#29  
Tetrahydrofuran  
Concen: 103.543 ug/l  
RT: 7.57 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 61.3  | 46.3  | 69.5  |
| 71      | 56.5  | 44.0  | 66.0  |

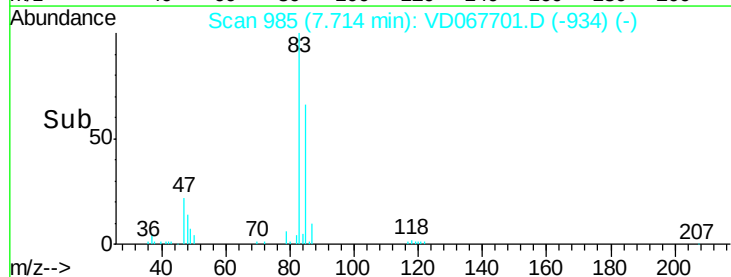
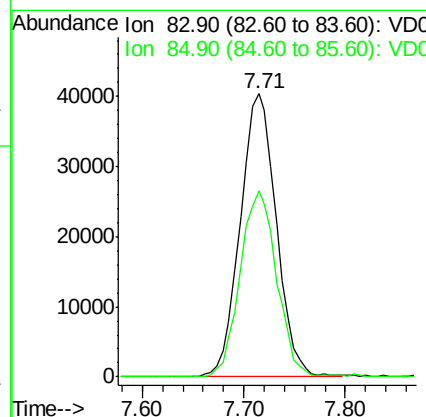
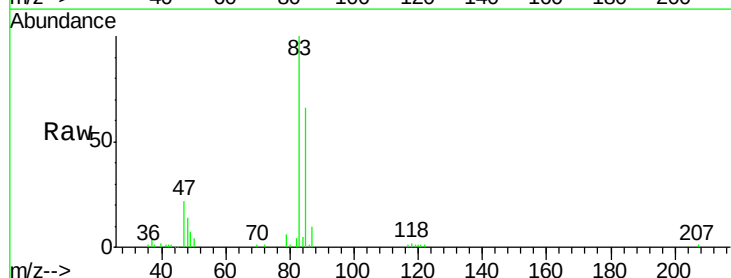
Manual Integrations  
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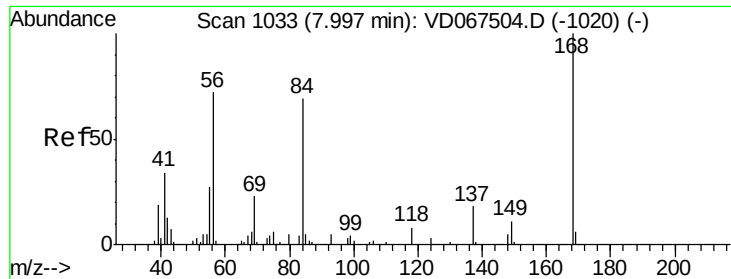
MMDadoda  
11/20/2020 10:06:25 AM



#30  
Chloroform  
Concen: 21.497 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.7  | 51.5  | 77.3  |





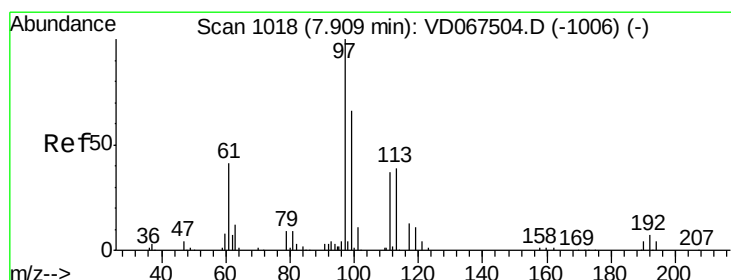
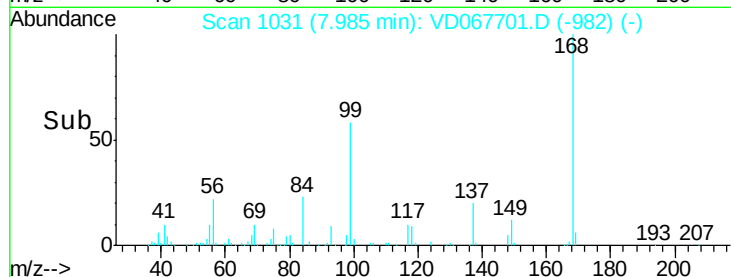
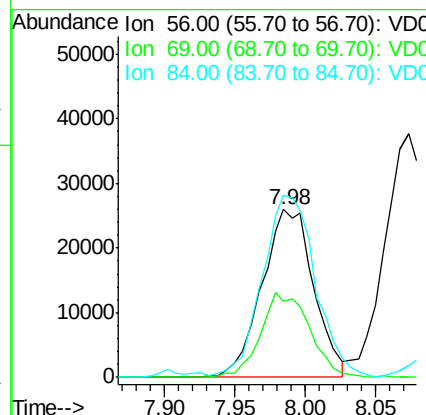
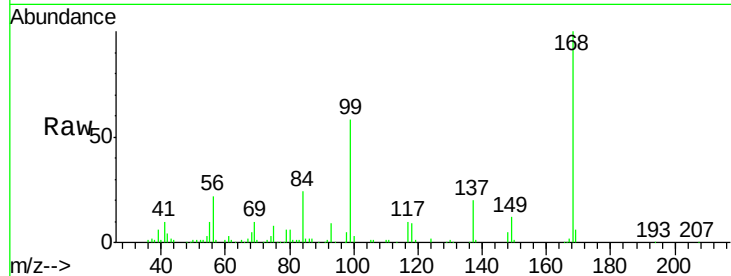
#31  
Cyclohexane  
Concen: 19.113 ug/l  
RT: 7.98 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

Tot Ion: 56 Resp: 66373  
Ion Ratio Lower Upper  
56 100  
69 44.4 25.9 38.9#  
84 105.9 76.2 114.4

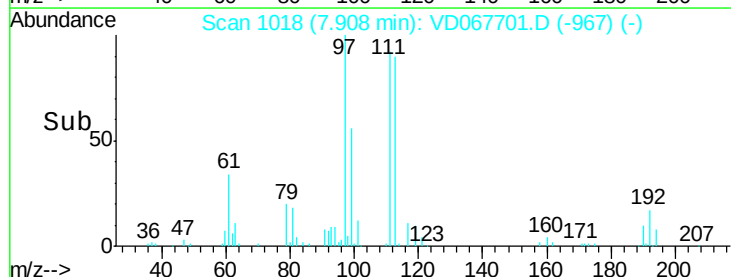
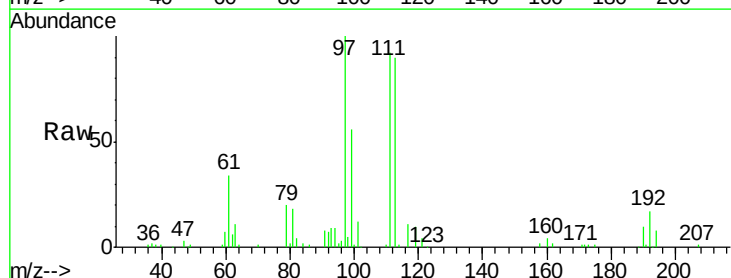
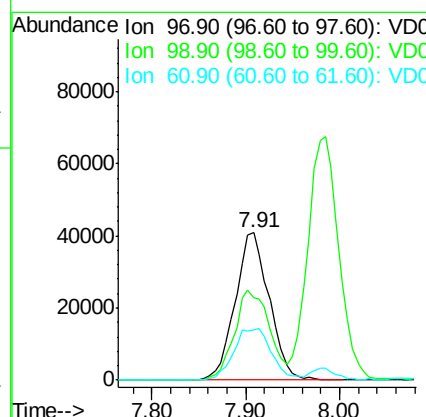
Manual Integrations  
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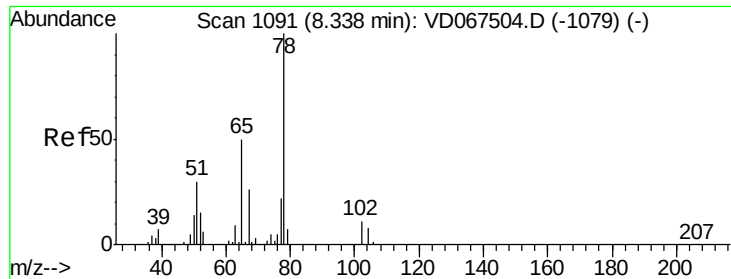
MMDadoda  
11/20/2020 10:06:25 AM



#32  
1,1,1-Trichloroethane  
Concen: 21.352 ug/l  
RT: 7.91 min Scan# 1018  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Tgt Ion: 97 Resp: 102487  
Ion Ratio Lower Upper  
97 100  
99 63.4 51.8 77.6  
61 39.1 30.5 45.7





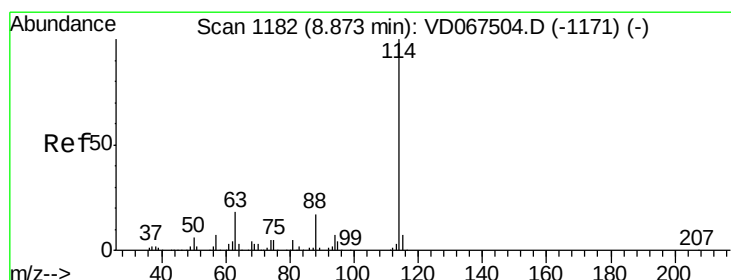
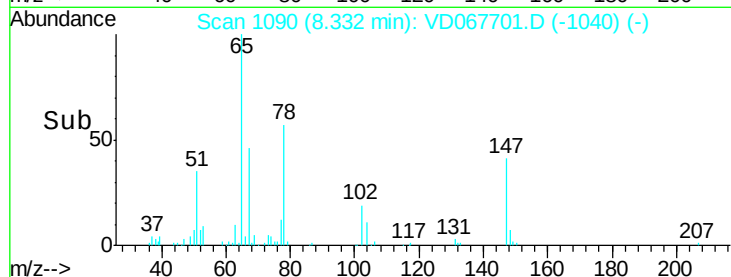
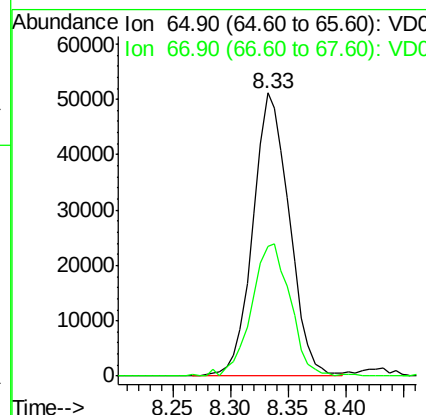
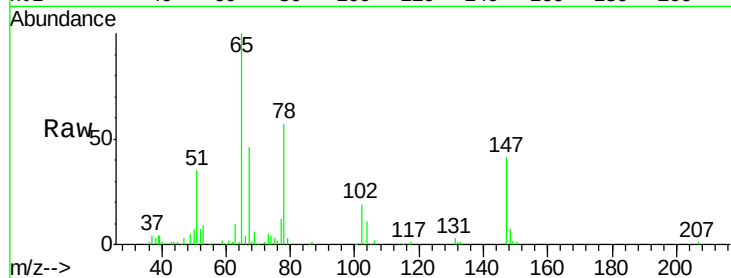
#33  
 1,2-Dichloroethane-d4  
 Concen: 46.972 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. -0.01 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1119SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 112465 |       |       |
| 67      | 49.9  | 0.0    | 99.4  |       |

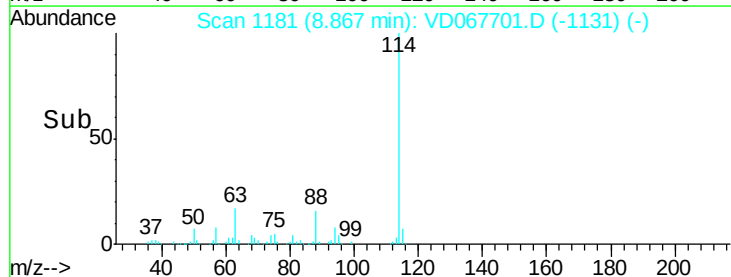
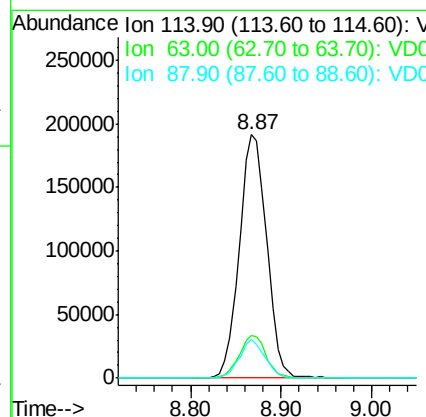
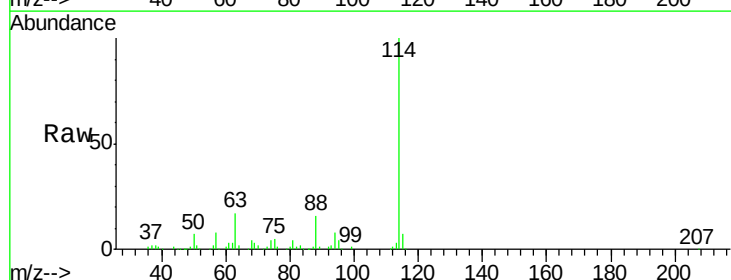
Manual Integrations  
 APPROVED

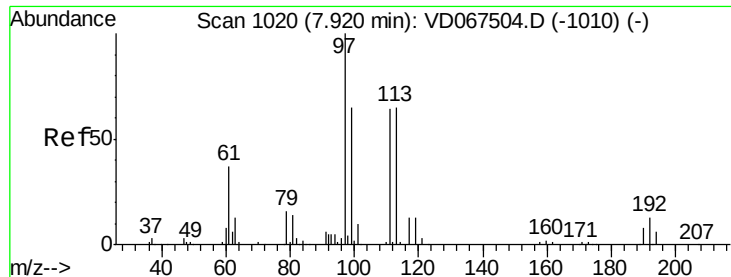
MMDadoda  
 11/20/2020 10:06:25 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 402873 |       |       |
| 63      | 17.4  | 0.0    | 35.0  |       |
| 88      | 16.0  | 0.0    | 33.0  |       |





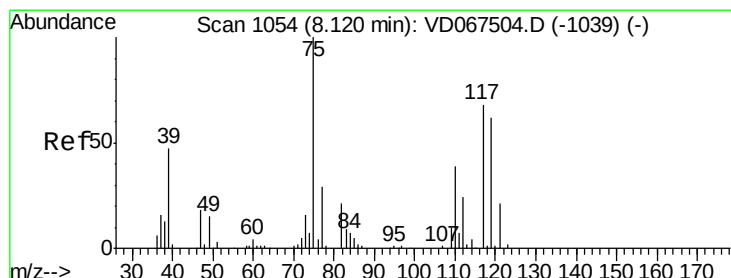
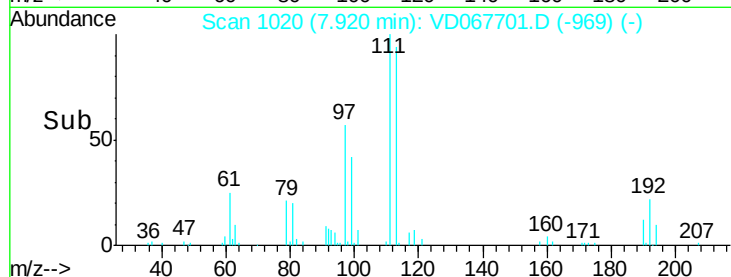
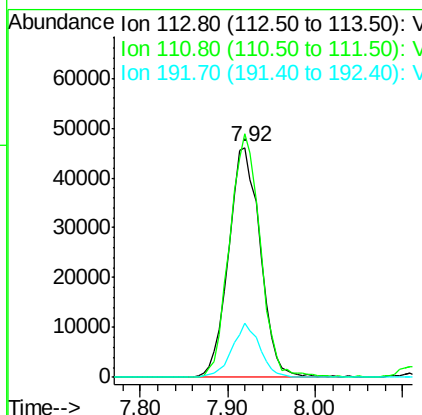
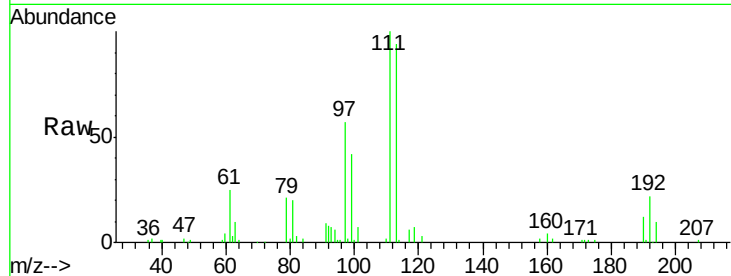
#35  
 Dibromofluoromethane  
 Concen: 46.883 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. -0.00 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1119SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.1 | 80.0  | 120.0 |
| 192     | 20.5  | 16.3  | 24.5  |

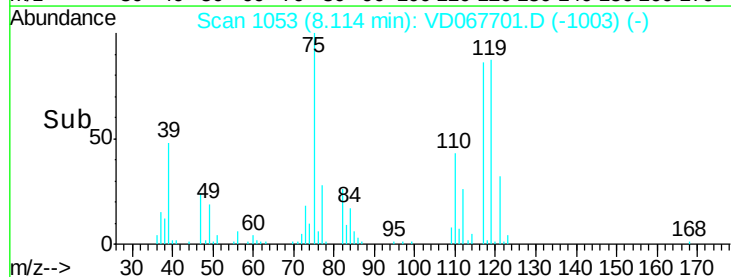
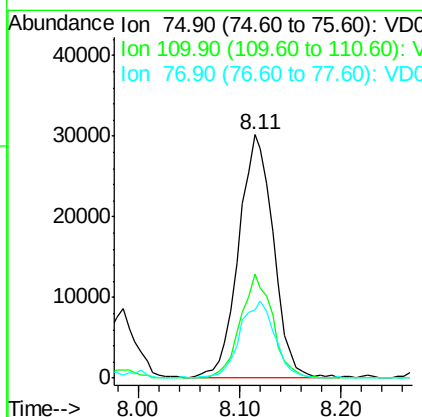
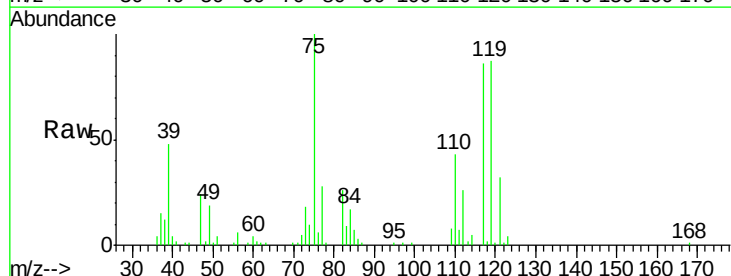
Manual Integrations  
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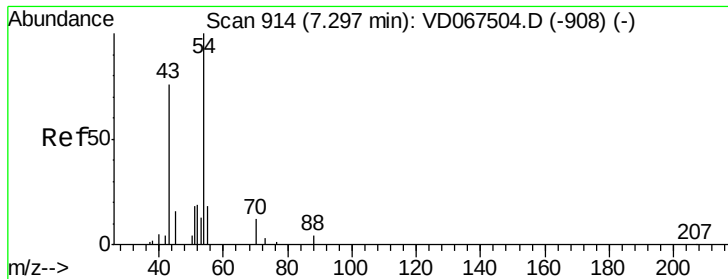
MMDadoda  
 11/20/2020 10:06:25 AM



#36  
 1,1-Dichloropropene  
 Concen: 20.855 ug/l  
 RT: 8.11 min Scan# 1053  
 Delta R.T. -0.01 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 39.4  | 19.9  | 59.7  |
| 77      | 31.7  | 24.8  | 37.2  |





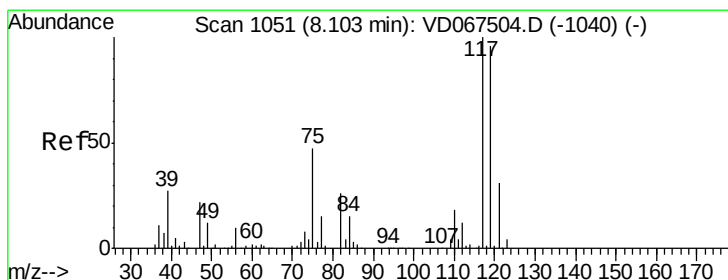
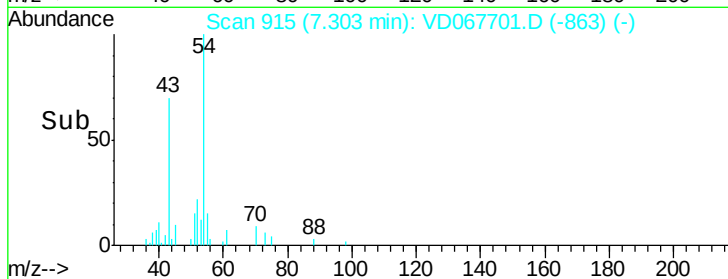
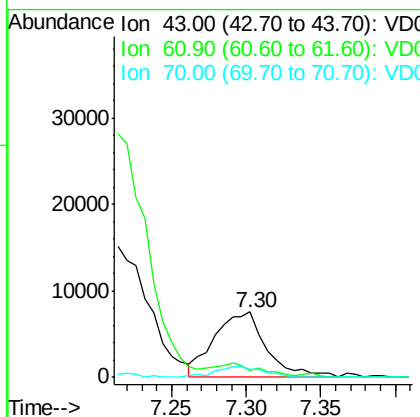
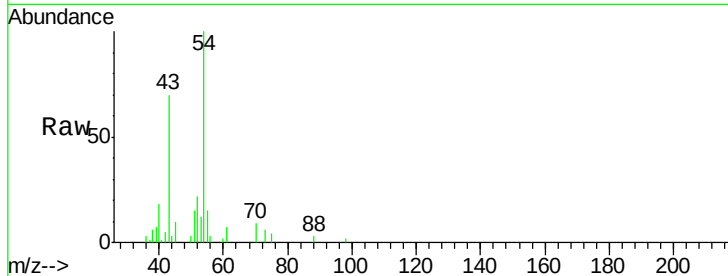
#37  
Ethyl Acetate  
Concen: 20.653 ug/l  
RT: 7.30 min Scan# 915  
Delta R.T. 0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.7  | 12.8  | 19.2  |
| 70      | 15.5  | 11.7  | 17.5  |

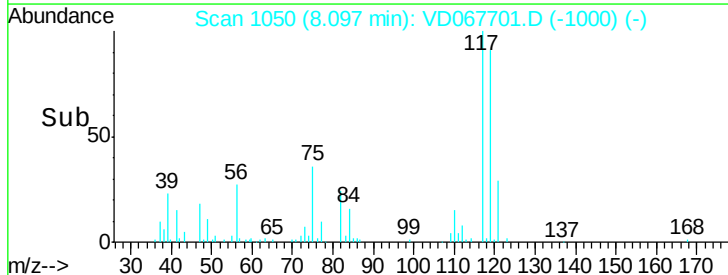
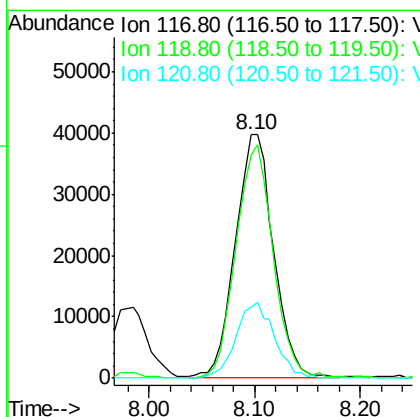
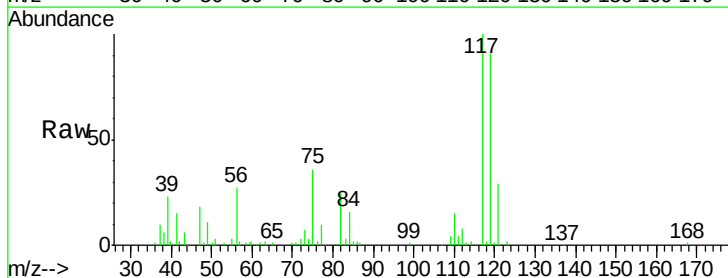
Manual Integrations  
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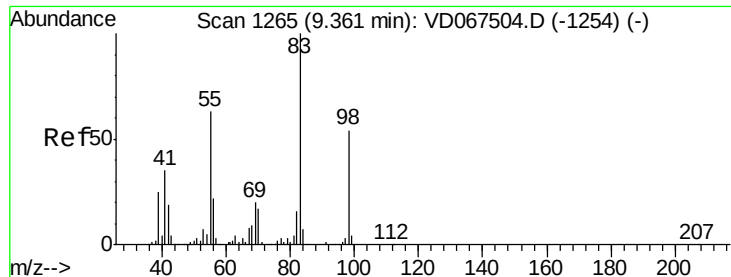
MMDadoda  
11/20/2020 10:06:25 AM



#38  
Carbon Tetrachloride  
Concen: 22.273 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 91.4  | 76.9  | 115.3 |
| 121     | 29.0  | 24.5  | 36.7  |





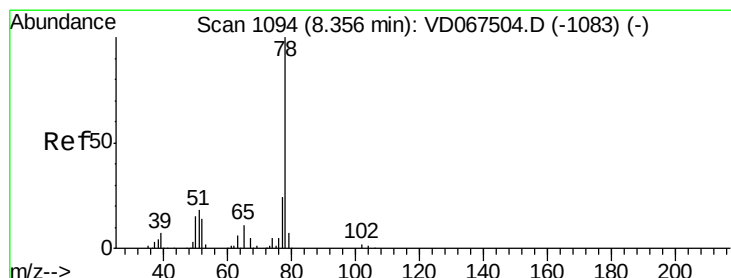
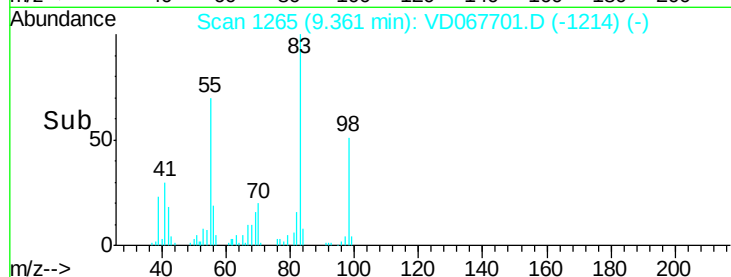
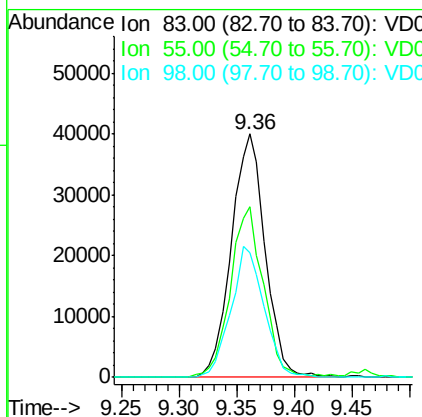
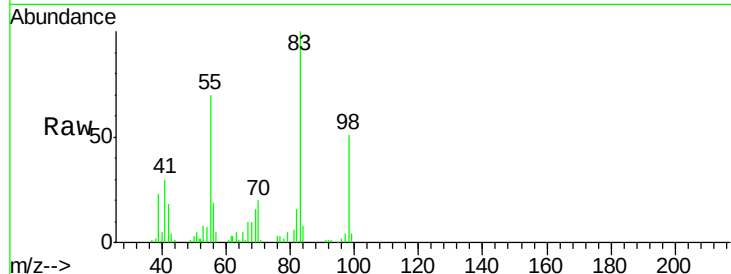
#39  
Methylvlcyclohexane  
Concen: 19.976 ug/l  
RT: 9.36 min Scan# 1265  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 70.2  | 50.5  | 75.7  |
| 98      | 51.3  | 43.4  | 65.0  |

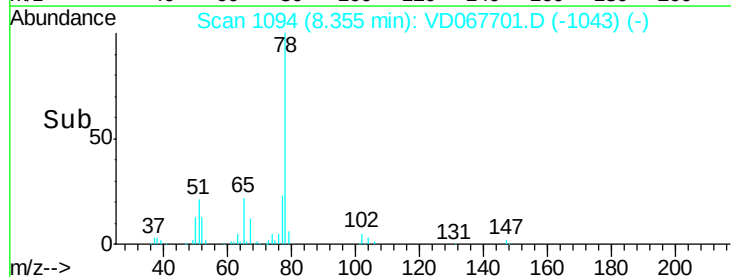
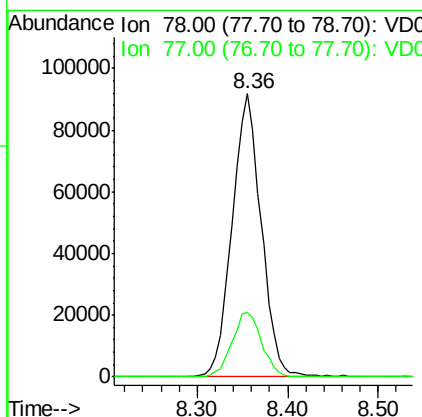
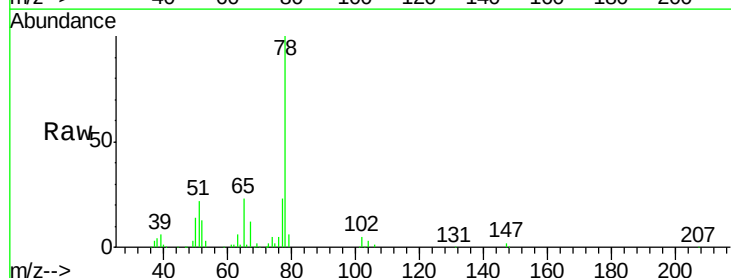
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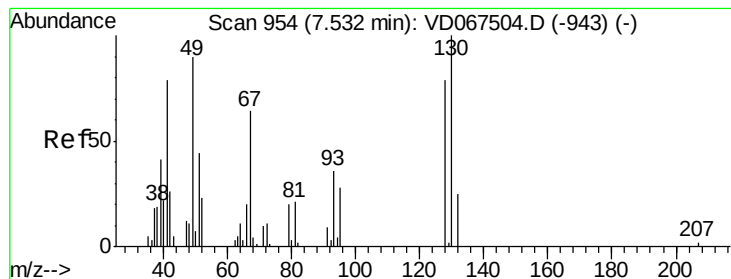


#40  
Benzene  
Concen: 21.871 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.0  | 19.1  | 28.7  |







#41

Methacrylonitrile

Concen: 22.324 ug/l

RT: 7.53 min Scan# 954

Delta R.T. -0.00 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1119SBS01

Tot Ion: 41 Resp: 11947

Ion Ratio Lower Upper

41 100

39 51.3 51.3 76.9#

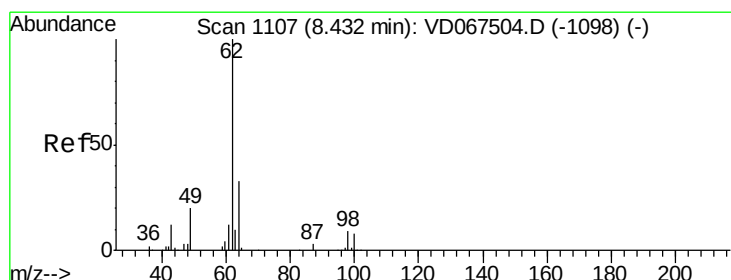
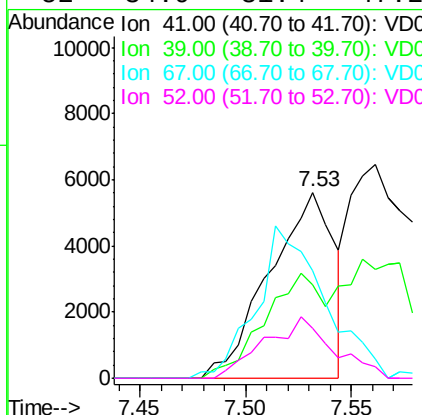
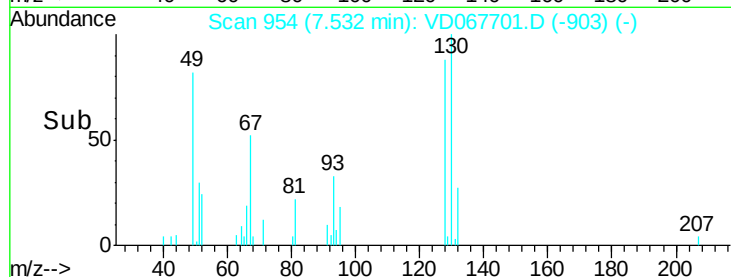
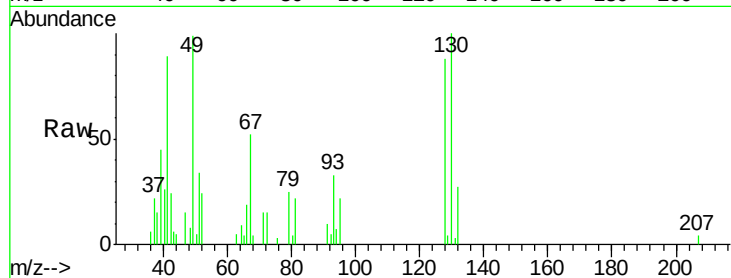
67 86.9 78.9 118.3

52 34.9 31.4 47.2

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#42

1,2-Dichloroethane

Concen: 22.479 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VD067701.D

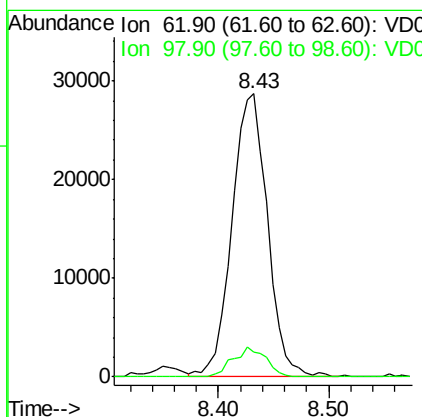
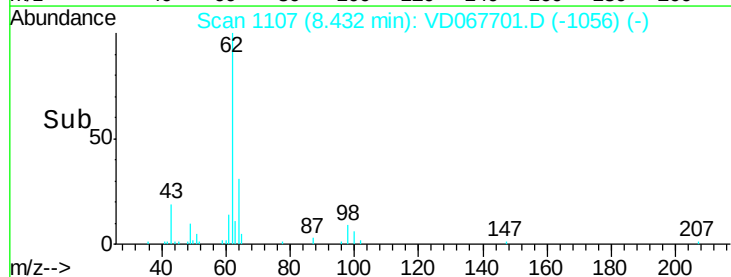
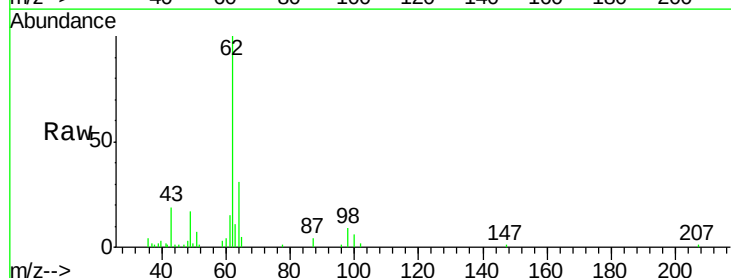
Acq: 19 Nov 2020 12:00

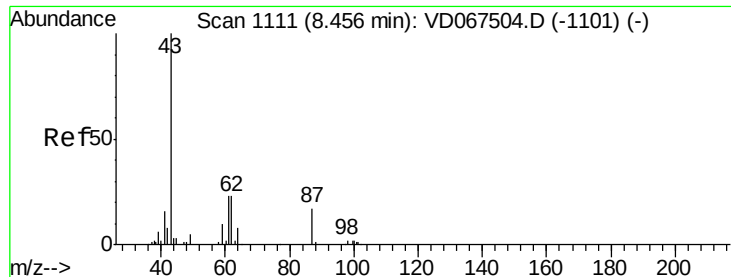
Tgt Ion: 62 Resp: 64877

Ion Ratio Lower Upper

62 100

98 9.9 0.0 19.8





#43

Isopropyl Acetate

Concen: 21.299 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

Instrument :

MSVOA\_D

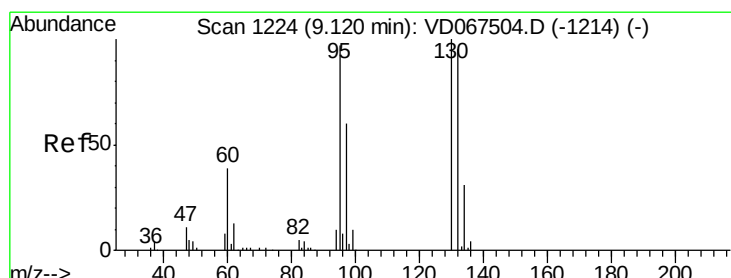
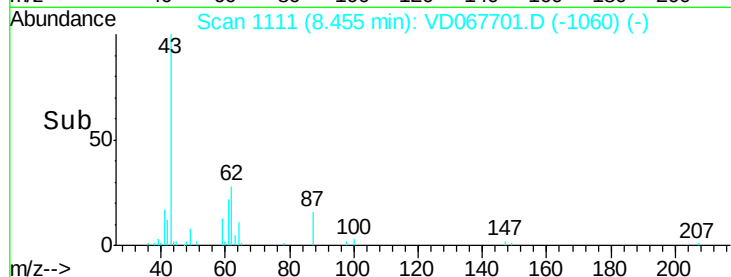
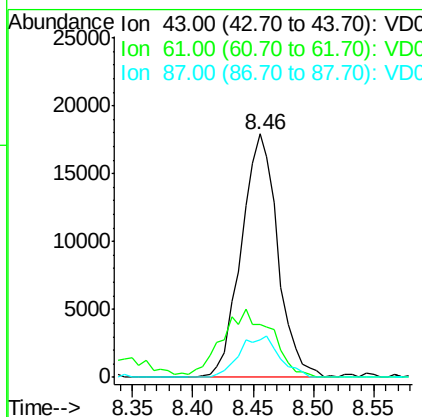
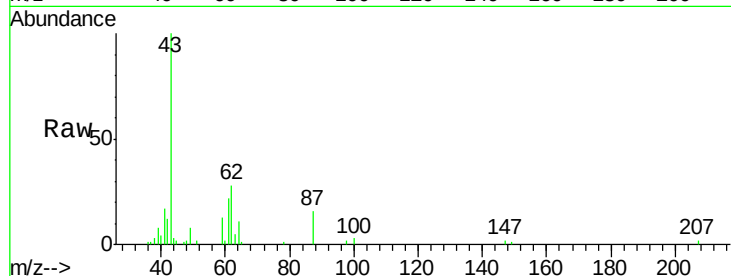
ClientSampleId :

VD1119SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 37713 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 38.1  | 30.5  | 45.7  |
| 87       | 18.7  | 14.7  | 22.1  |

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#44

Trichloroethene

Concen: 21.244 ug/l

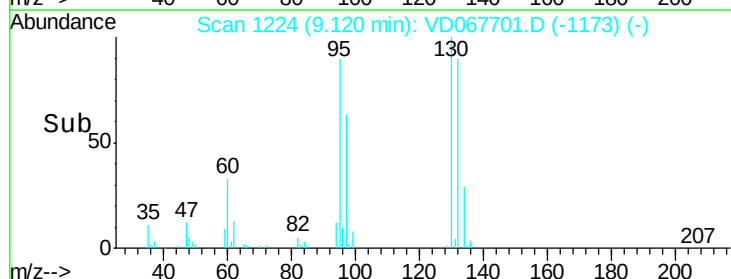
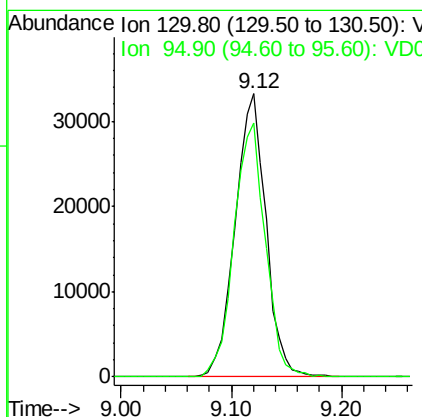
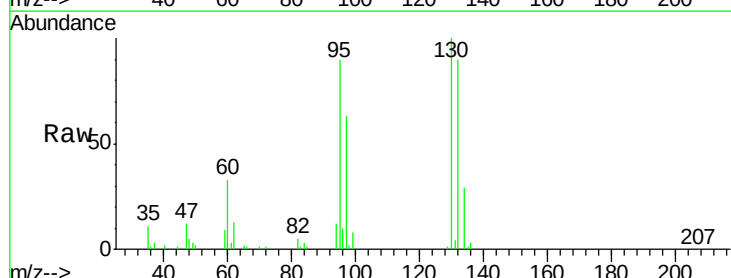
RT: 9.12 min Scan# 1224

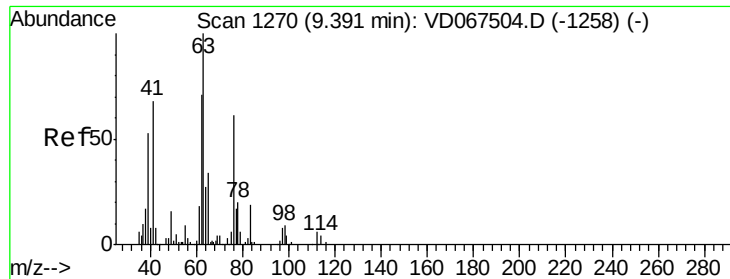
Delta R.T. -0.00 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 65250 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 89.9  | 0.0   | 194.4 |





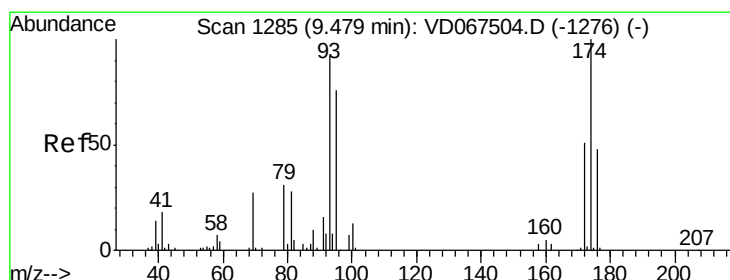
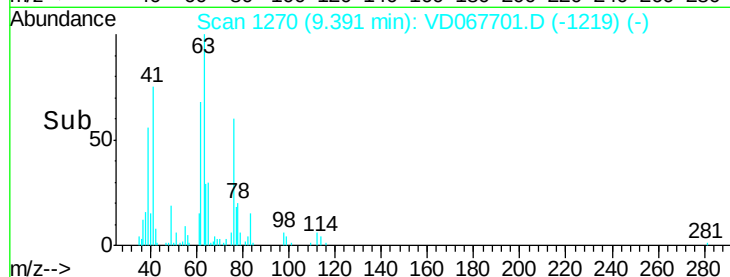
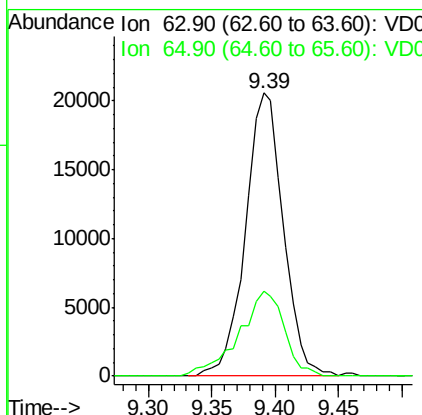
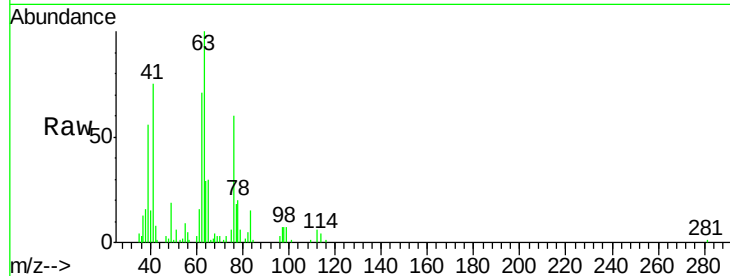
#45  
 1,2-Dichloropropane  
 Concen: 21.200 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1119SBSD01

Tot Ion: 63 Resp: 42816  
 Ion Ratio Lower Upper  
 63 100  
 65 30.2 26.9 40.3

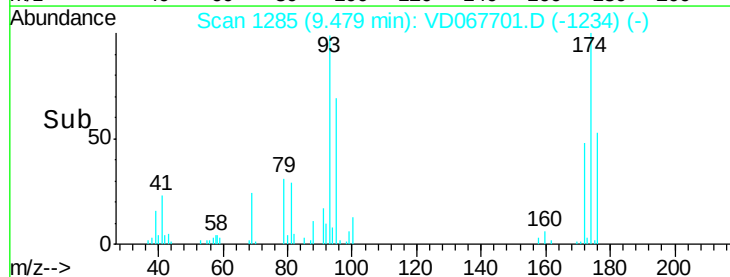
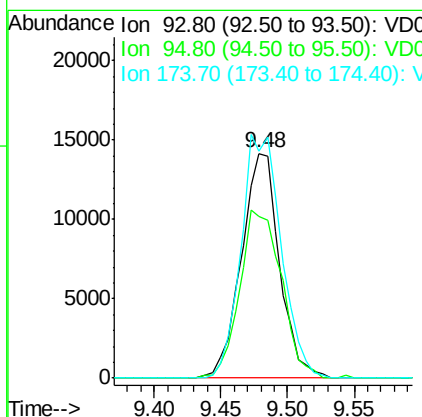
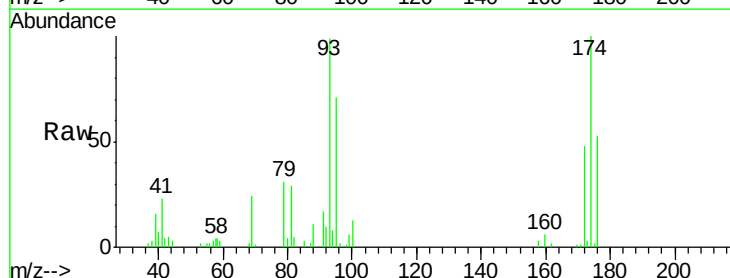
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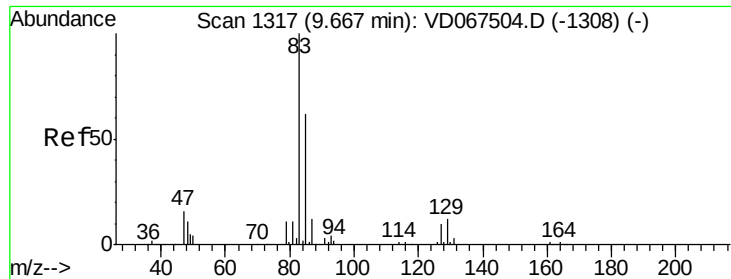
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 11/20/2020 10:06:25 AM



#46  
 Dibromomethane  
 Concen: 21.723 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. -0.00 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

Tgt Ion: 93 Resp: 27895  
 Ion Ratio Lower Upper  
 93 100  
 95 81.7 66.4 99.6  
 174 114.5 88.2 132.4





#47

Bromodichloromethane

Concen: 21.964 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

Instrument :

MSVOA\_D

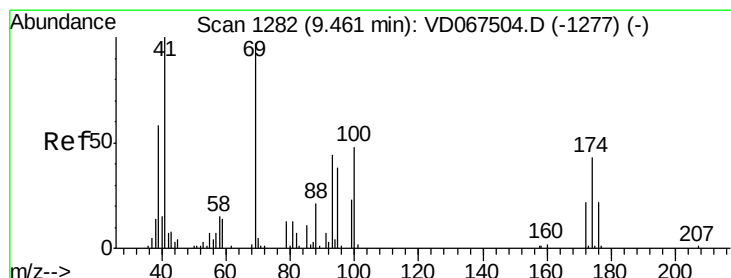
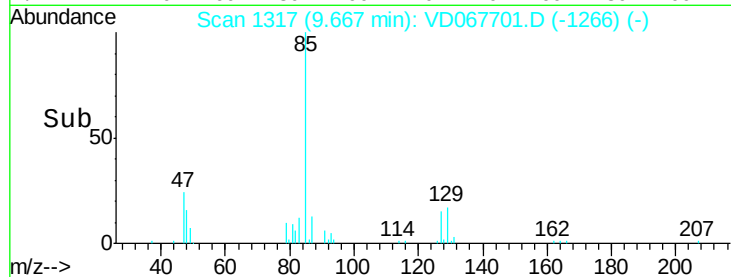
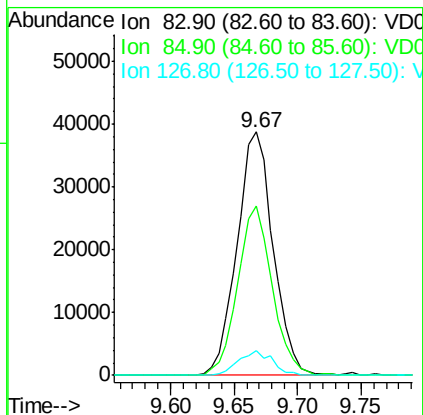
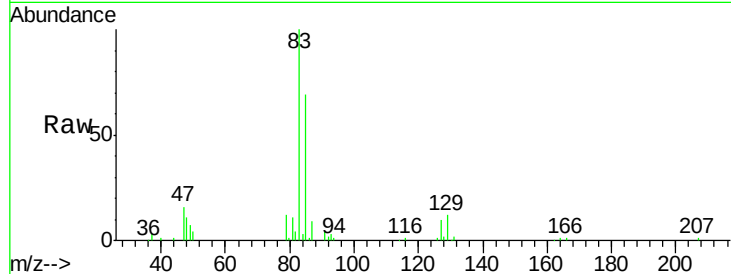
ClientSampleId :

VD1119SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 76662 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 69.4  | 49.4  | 74.2  |
| 127      | 10.3  | 7.7   | 11.5  |

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#48

Methyl methacrylate

Concen: 19.446 ug/l

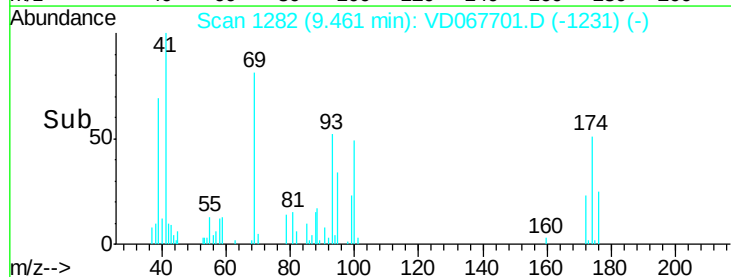
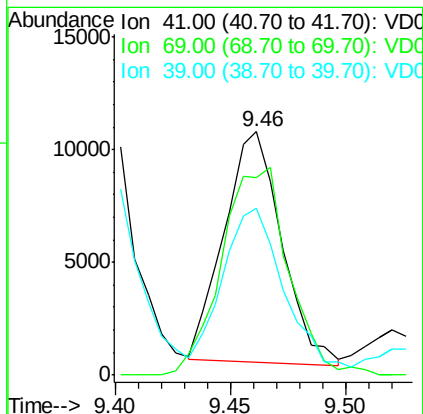
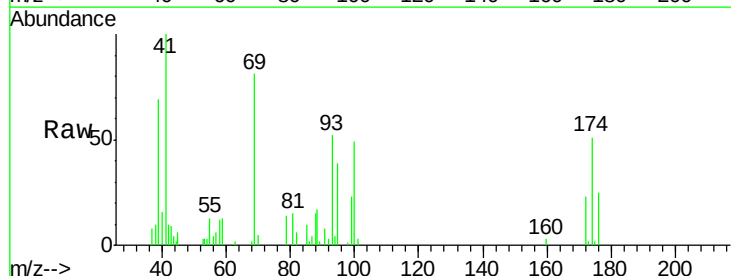
RT: 9.46 min Scan# 1282

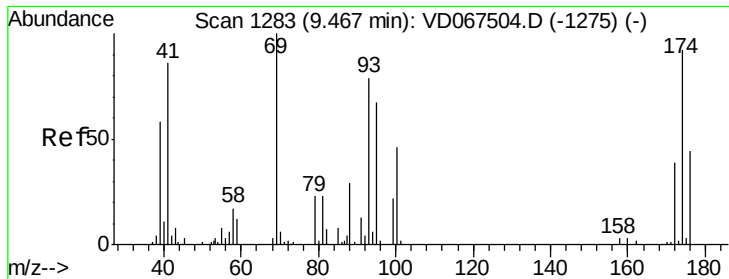
Delta R.T. -0.00 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 17778 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 104.8 | 80.6  | 121.0 |
| 39       | 79.8  | 50.2  | 75.4# |





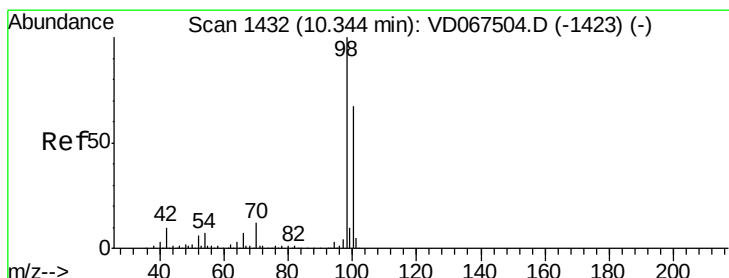
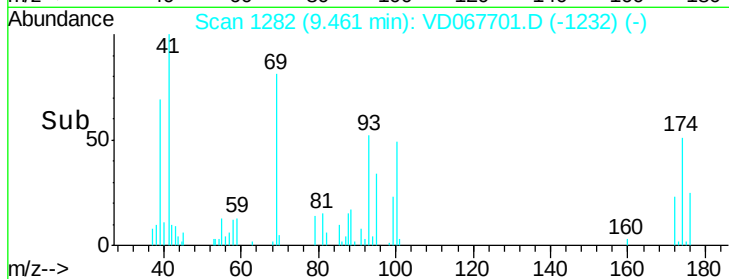
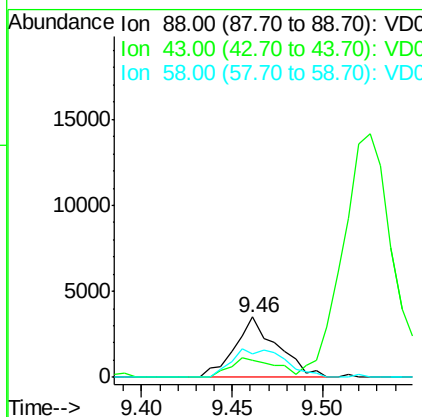
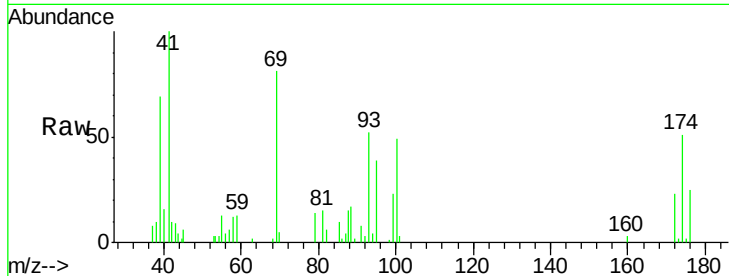
#49  
1,4-Dioxane  
Concen: 437.472 ug/l  
RT: 9.46 min Scan# 1282  
Delta R.T. -0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.3  | 23.6  | 35.4  |
| 58      | 58.8  | 44.7  | 67.1  |

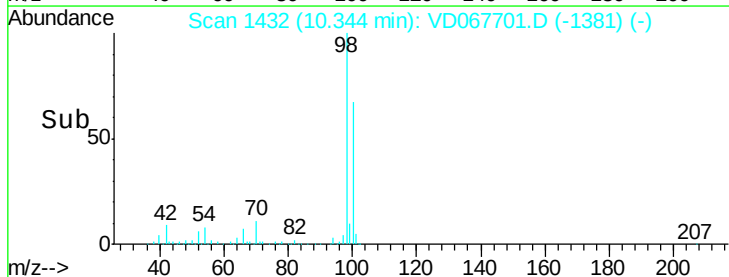
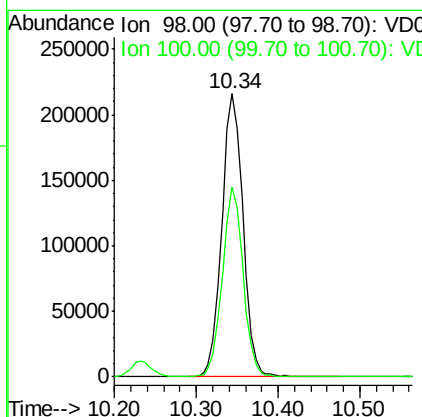
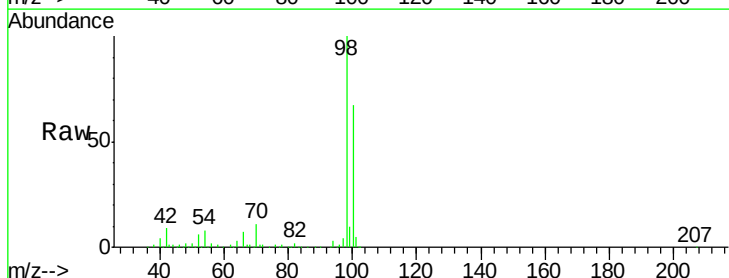
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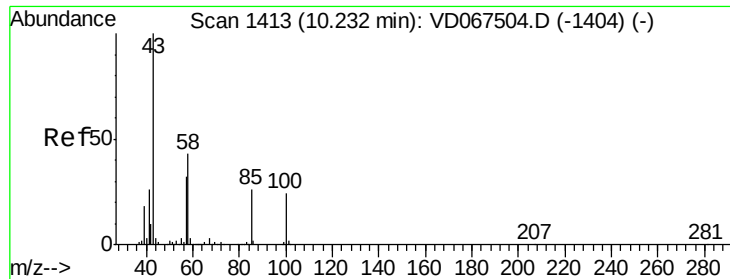
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#50  
Toluene-d8  
Concen: 45.826 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.7  | 53.0  | 79.6  |





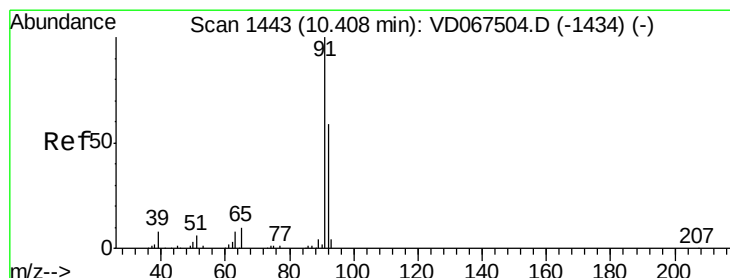
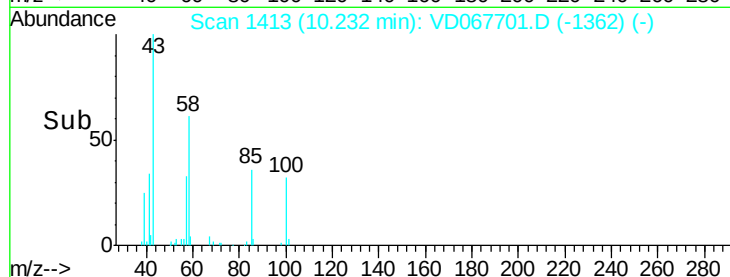
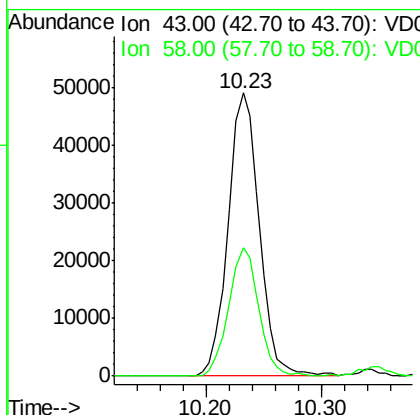
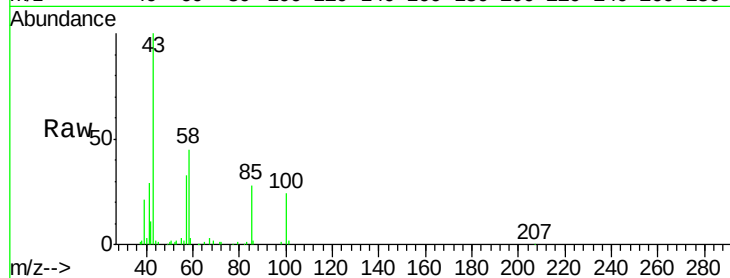
#51  
 4-Methyl-2-Pentanone  
 Concen: 108.251 ug/l  
 RT: 10.23 min Scan# 1413  
 Delta R.T. -0.00 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1119SBS01

| Tot Ion | 43    | Resp  | 91668 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 43      | 100   |       |       |
| 58      | 43.7  | 35.6  | 53.4  |

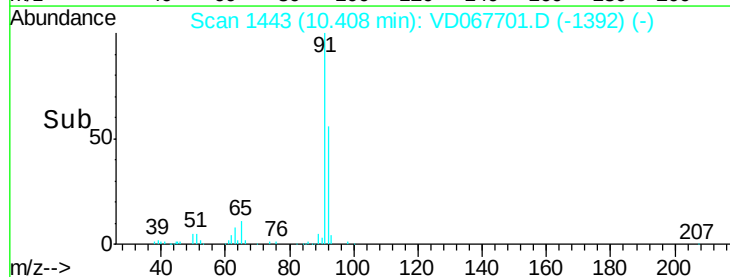
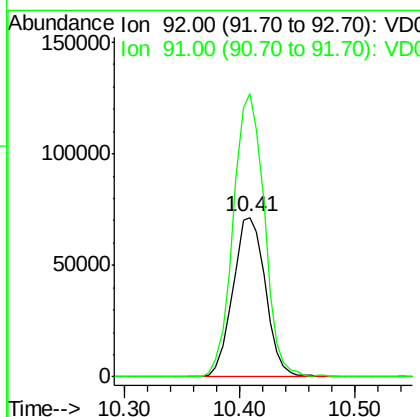
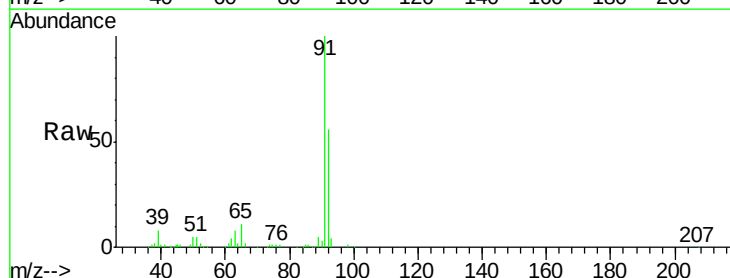
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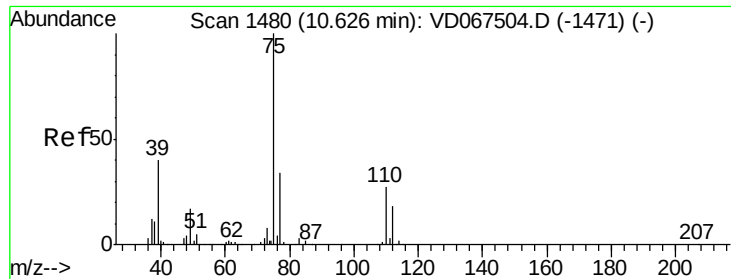
MMDadoda  
 11/20/2020 10:06:25 AM



#52  
 Toluene  
 Concen: 22.301 ug/l  
 RT: 10.41 min Scan# 1443  
 Delta R.T. -0.00 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

| Tgt Ion | 92    | Resp  | 139529 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 92      | 100   |       |        |
| 91      | 170.1 | 137.0 | 205.6  |





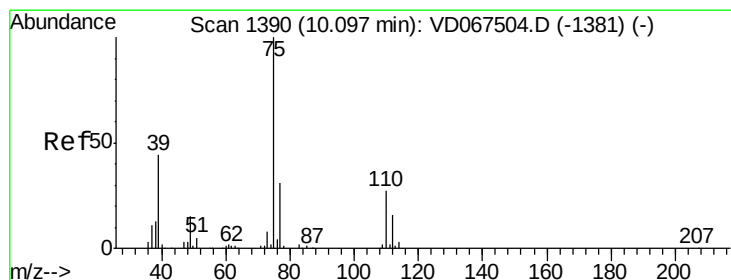
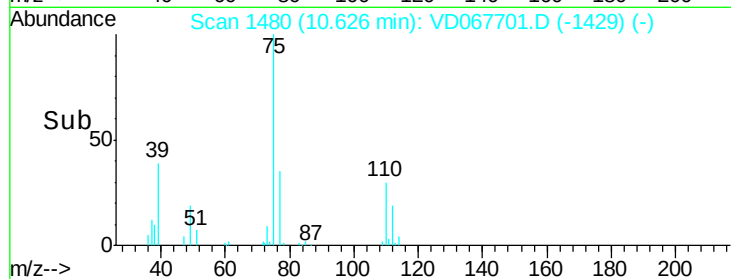
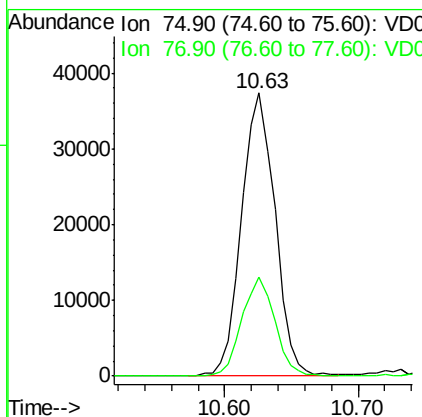
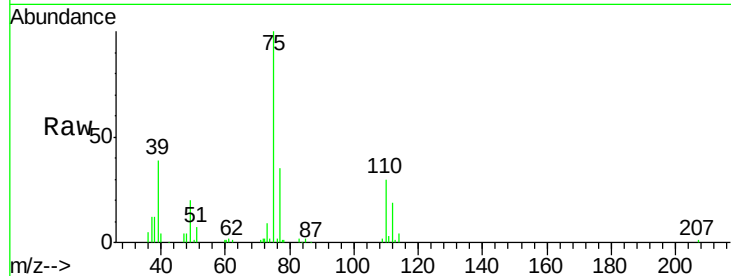
#53  
t-1,3-Dichloropropene  
Concen: 21.801 ug/l  
RT: 10.63 min Scan# 1480  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

Tot Ion: 75 Resp: 65169  
Ion Ratio Lower Upper  
75 100  
77 35.1 27.0 40.6

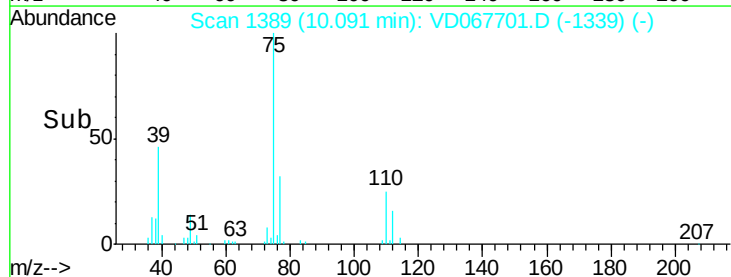
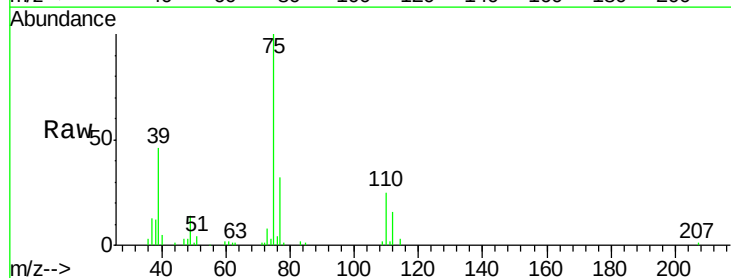
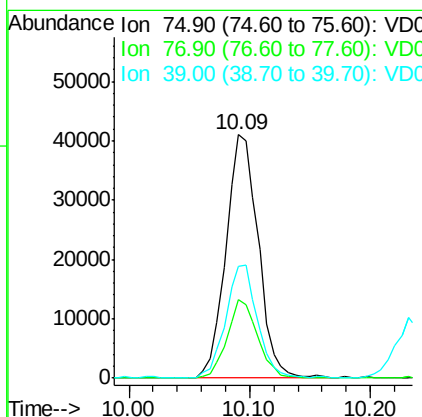
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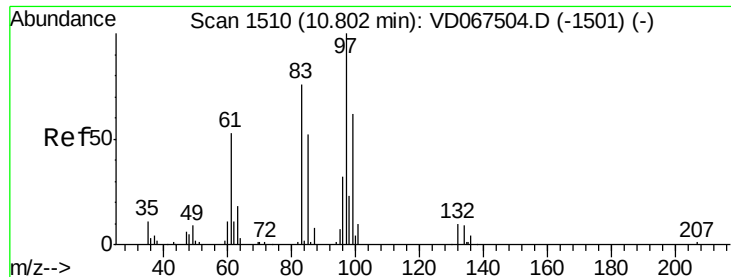
MMDadoda  
11/20/2020 10:06:25 AM



#54  
cis-1,3-Dichloropropene  
Concen: 21.488 ug/l  
RT: 10.09 min Scan# 1389  
Delta R.T. -0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Tgt Ion: 75 Resp: 76316  
Ion Ratio Lower Upper  
75 100  
77 32.4 24.4 36.6  
39 46.1 35.6 53.4





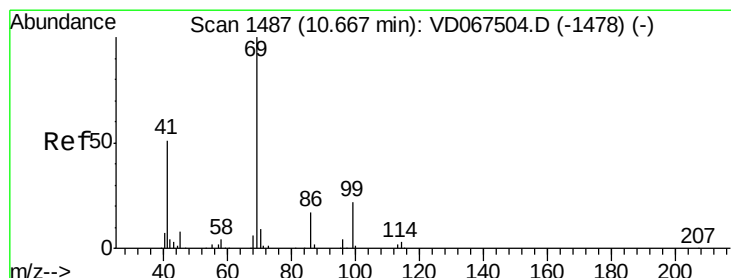
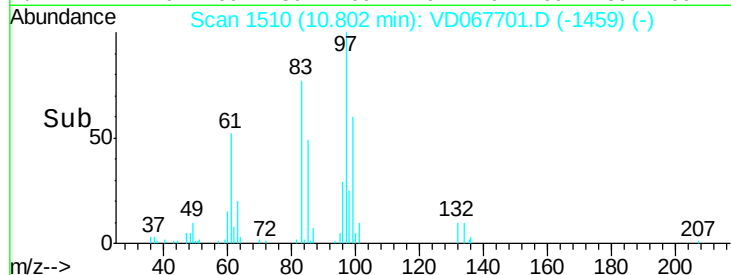
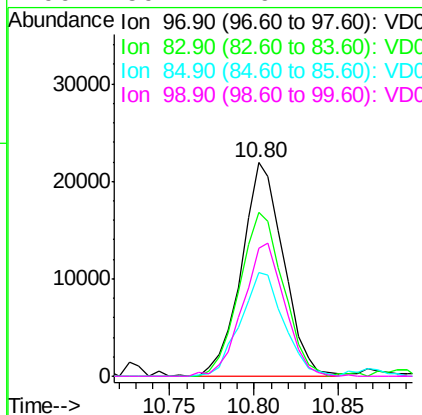
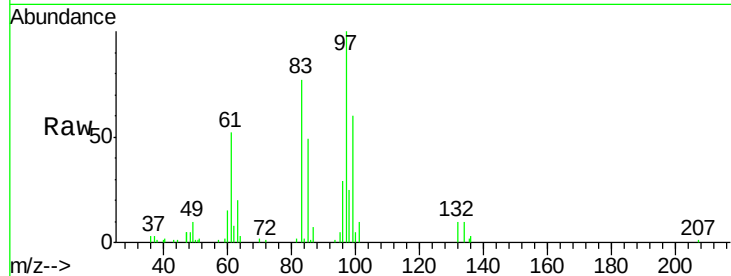
#55  
 1,1,2-Trichloroethane  
 Concen: 22.330 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1119SBS01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 37940 |       |       |
| 83      | 76.9 | 61.0  | 91.6  |       |       |
| 85      | 48.5 | 41.5  | 62.3  |       |       |
| 99      | 59.7 | 49.4  | 74.2  |       |       |

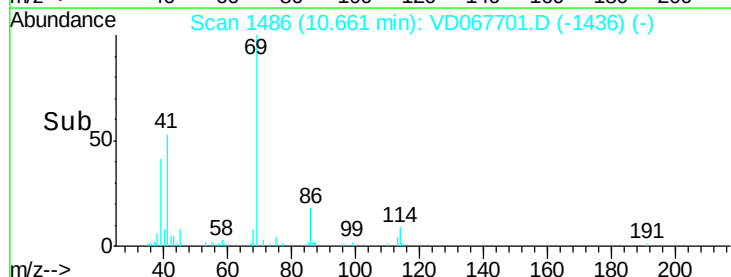
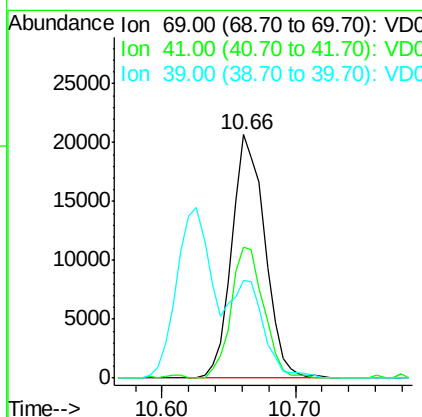
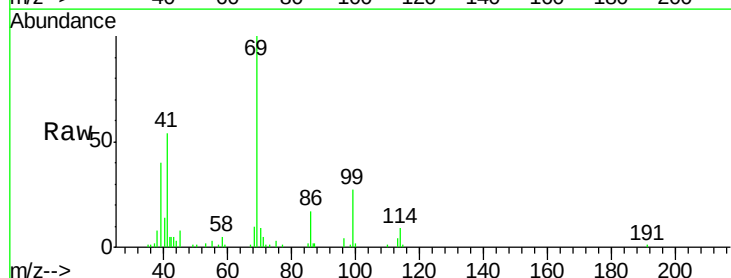
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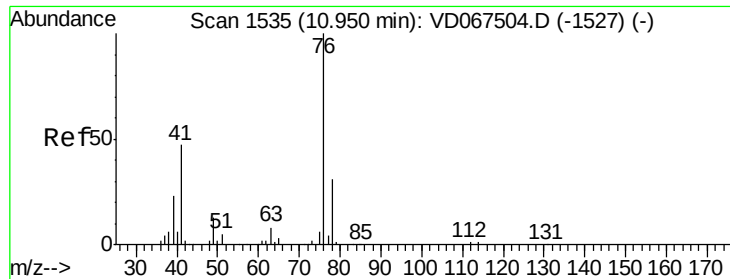


#56  
 Ethyl methacrylate  
 Concen: 20.305 ug/l  
 RT: 10.66 min Scan# 1486  
 Delta R.T. -0.01 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 69      | 100  |       | 35627 |       |       |
| 41      | 53.3 | 45.4  | 68.0  |       |       |
| 39      | 35.7 | 27.4  | 41.0  |       |       |







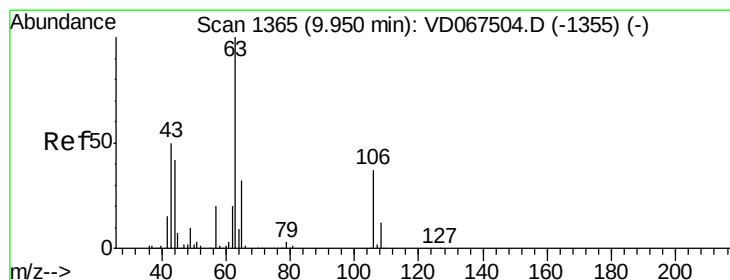
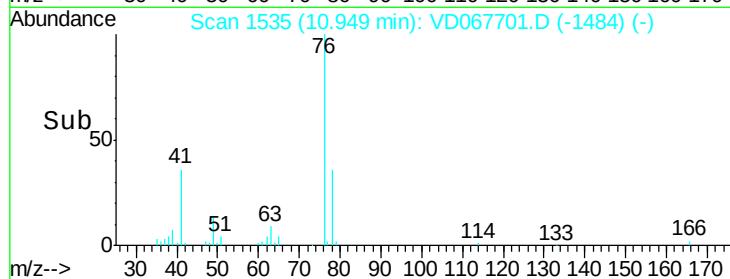
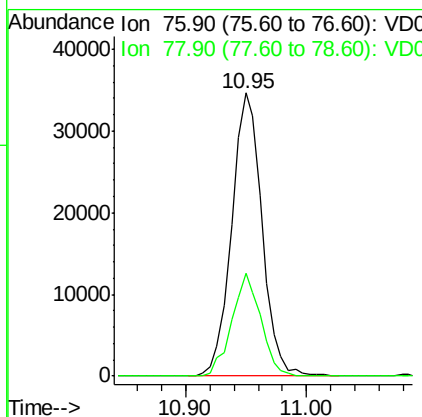
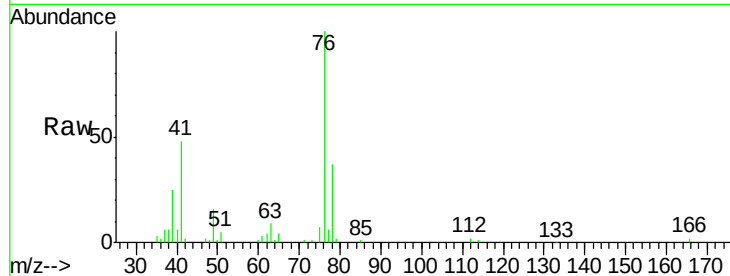
#57  
 1,3-Dichloropropane  
 Concen: 22.134 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1119SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 34.8  | 26.1  | 39.1  |

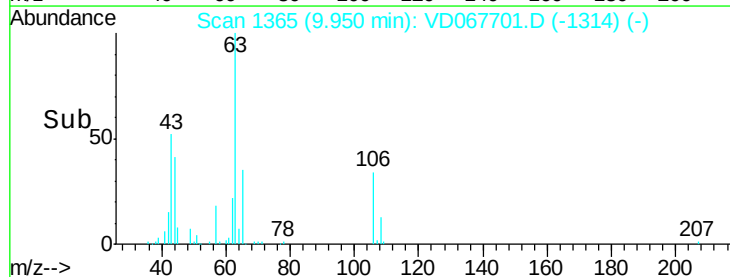
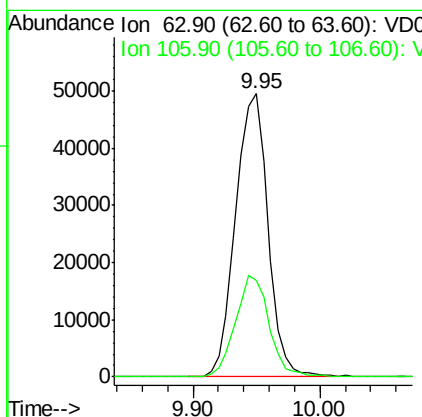
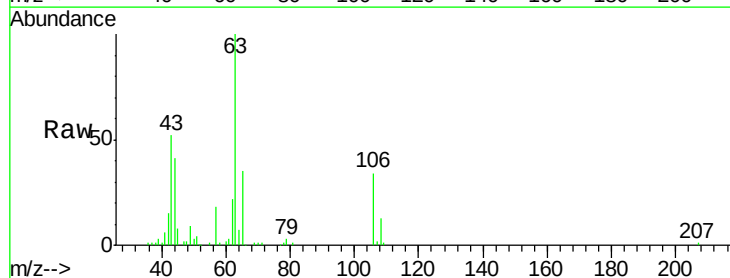
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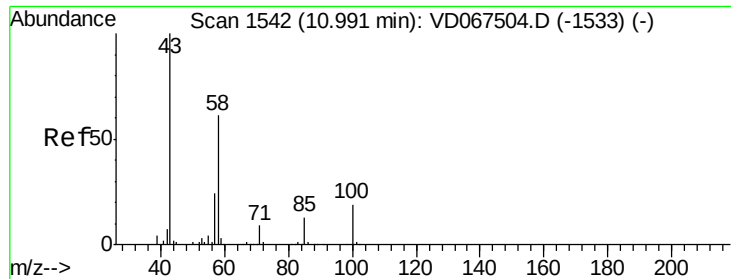
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 107.321 ug/l  
 RT: 9.95 min Scan# 1365  
 Delta R.T. -0.00 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 36.9  | 29.2  | 43.8  |





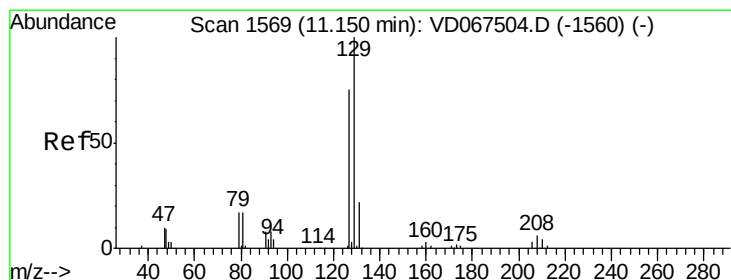
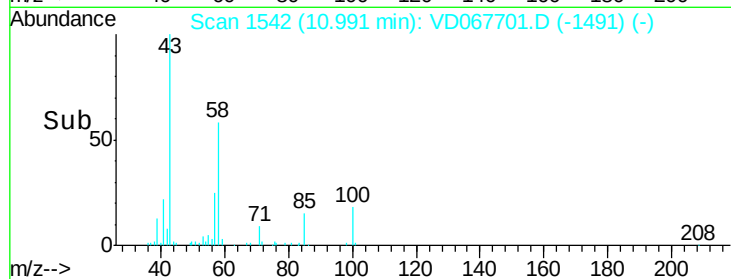
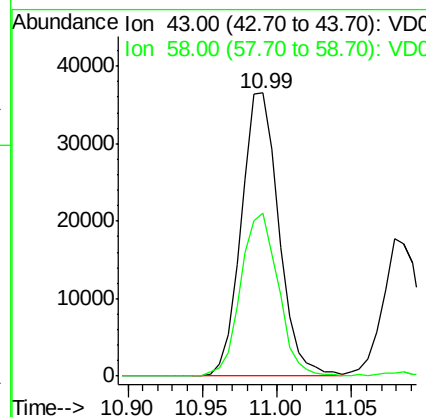
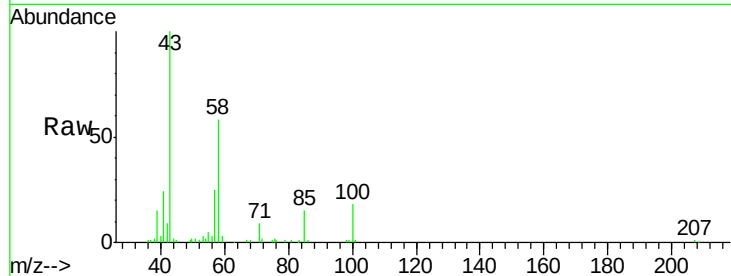
#59  
2-Hexanone  
Concen: 107.769 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

Tot Ion: 43 Resp: 63809  
Ion Ratio Lower Upper  
43 100  
58 57.4 30.3 90.9

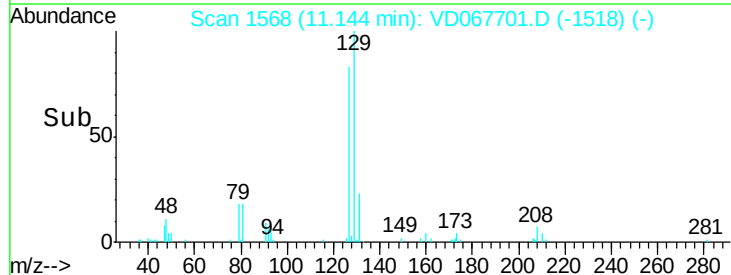
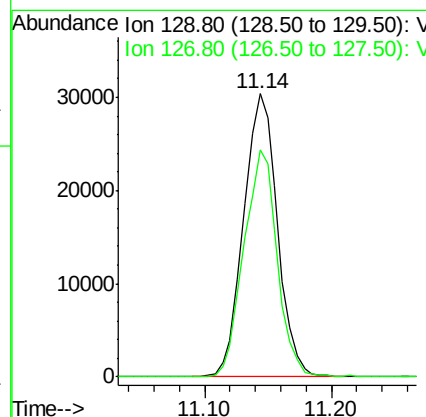
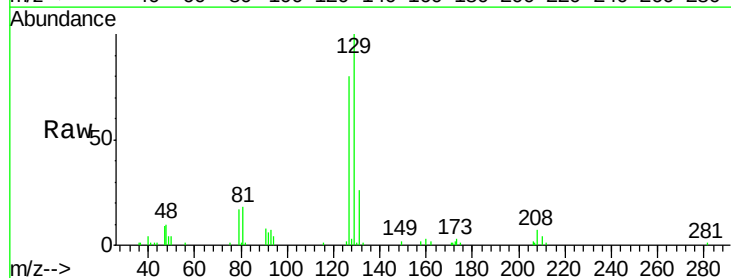
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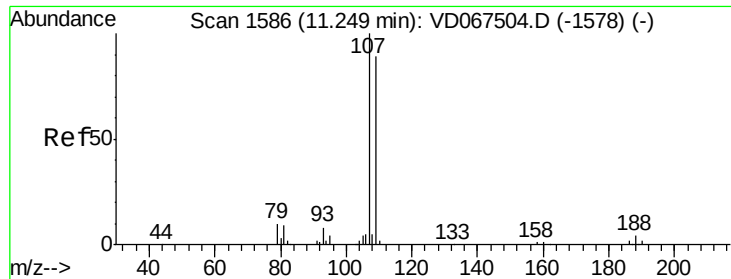
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#60  
Dibromochloromethane  
Concen: 22.363 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. -0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Tgt Ion: 129 Resp: 56208  
Ion Ratio Lower Upper  
129 100  
127 79.0 38.0 114.1





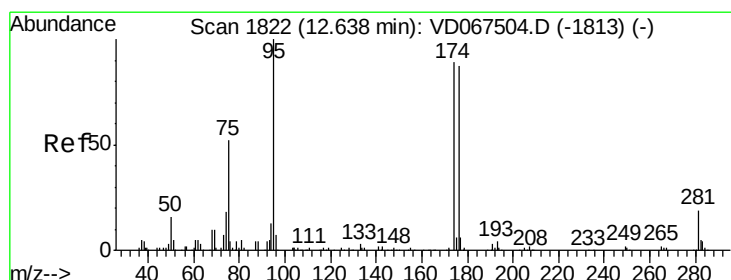
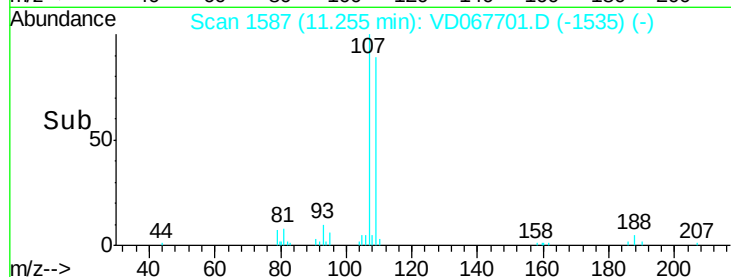
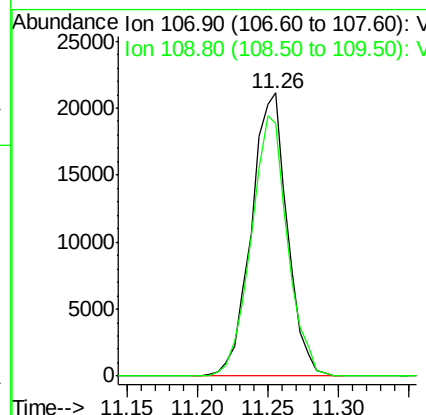
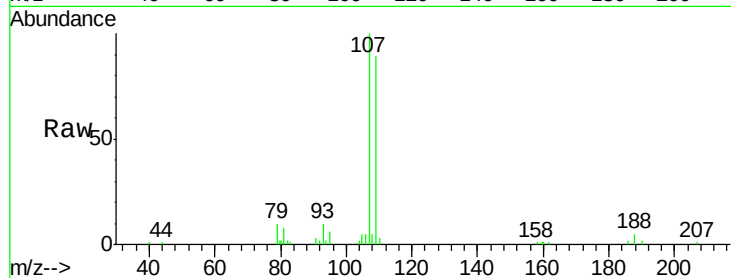
#61  
 1,2-Dibromoethane  
 Concen: 22.133 ug/l  
 RT: 11.26 min Scan# 1587  
 Delta R.T. 0.01 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1119SBS01

Tot Ion: 107 Resp: 37742  
 Ion Ratio Lower Upper  
 107 100  
 109 93.3 74.6 111.8

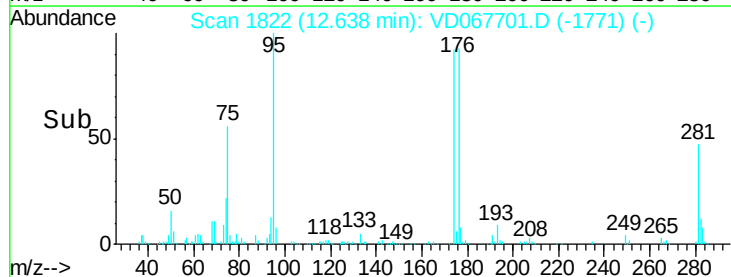
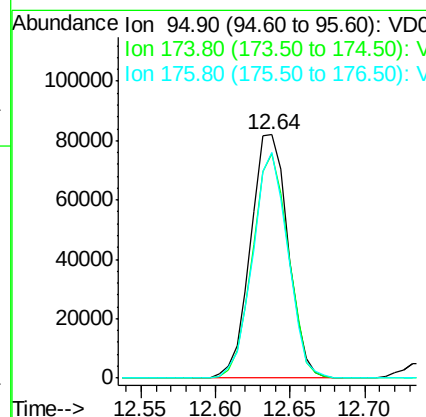
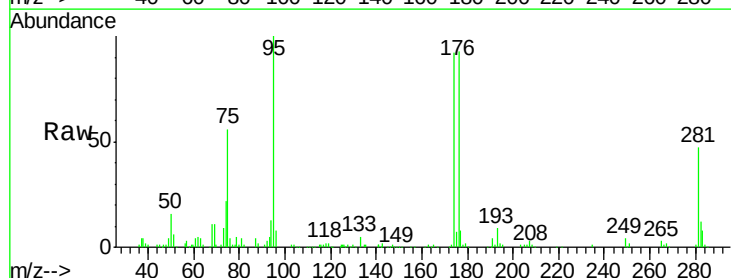
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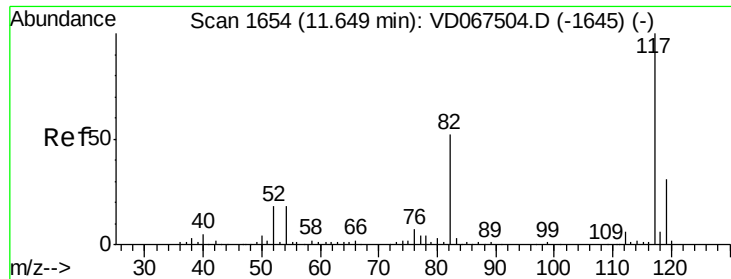
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#62  
 4-Bromofluorobenzene  
 Concen: 48.298 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. -0.00 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

Tgt Ion: 95 Resp: 142237  
 Ion Ratio Lower Upper  
 95 100  
 174 88.1 0.0 177.8  
 176 87.1 0.0 172.0





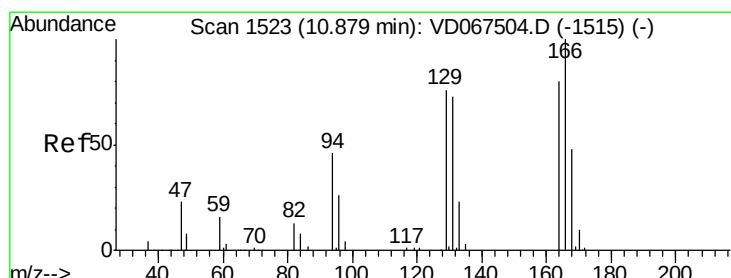
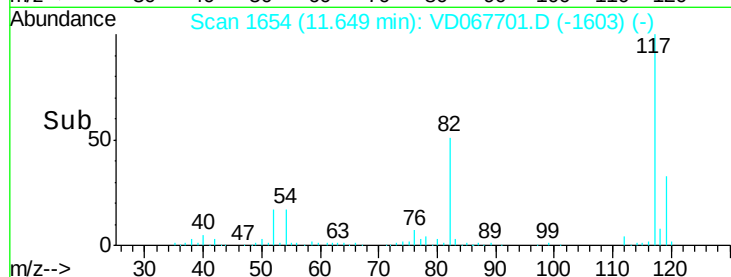
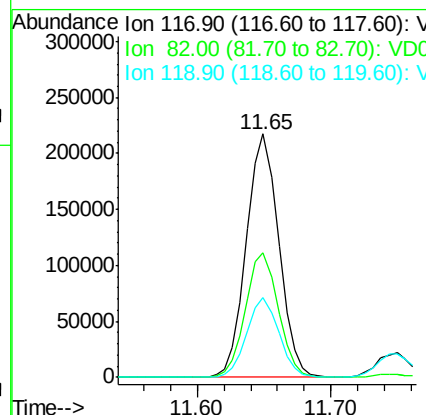
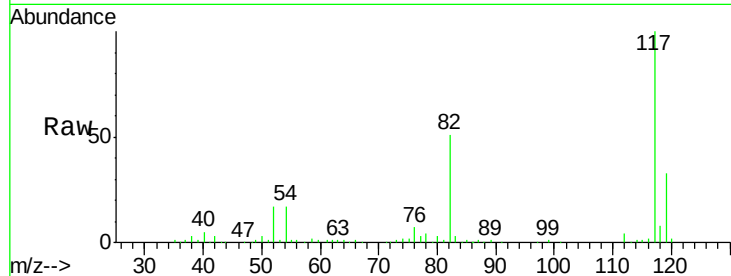
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 51.0  | 41.6  | 62.4  |
| 119     | 32.5  | 25.1  | 37.7  |

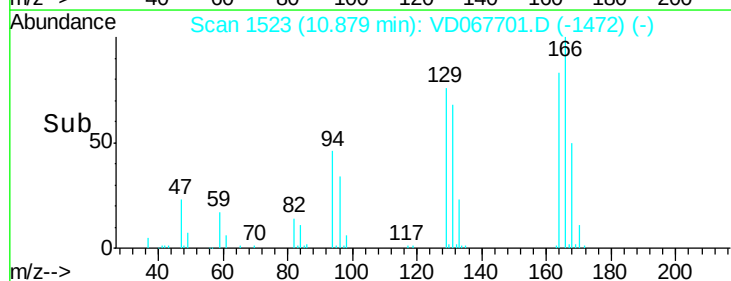
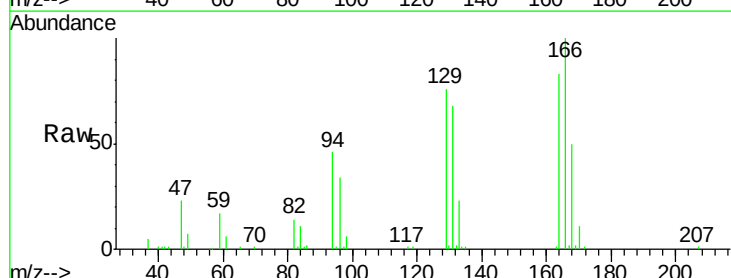
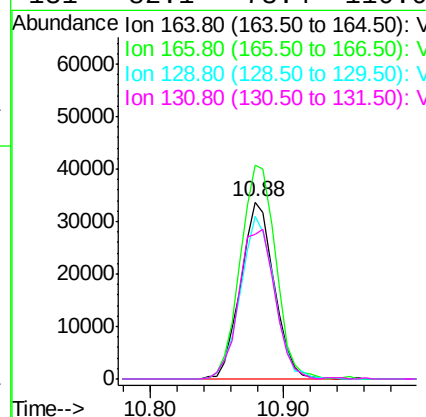
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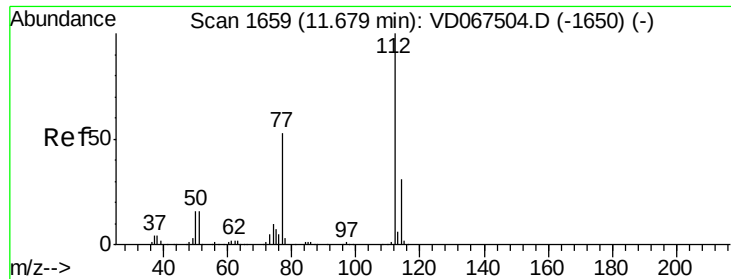
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#64  
Tetrachloroethene  
Concen: 21.578 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 120.8 | 99.9  | 149.9 |
| 129     | 91.9  | 75.5  | 113.3 |
| 131     | 82.1  | 73.4  | 110.0 |





#65

Chlorobenzene

Concen: 21.755 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1119SBS01

Tot Ion:112 Resp: 153222

Ion Ratio Lower Upper

112 100

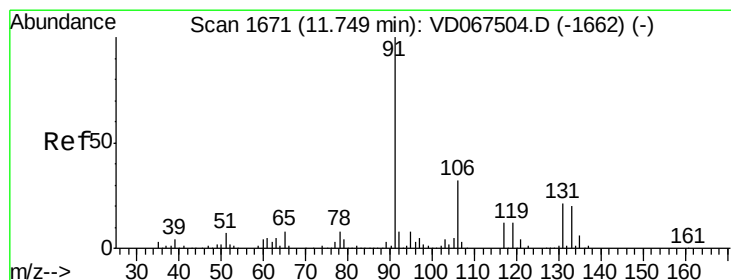
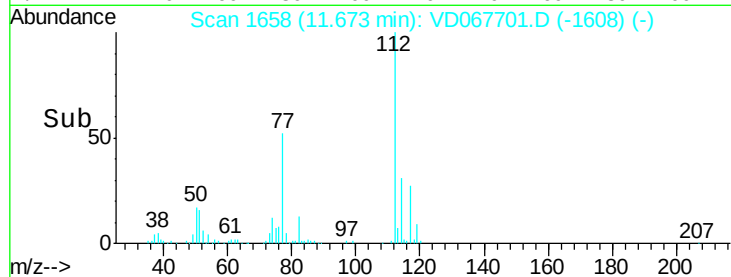
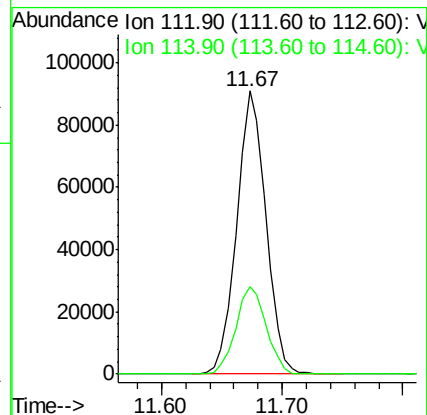
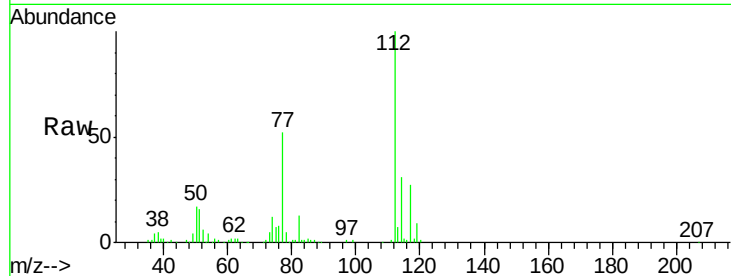
114 31.0 24.9 37.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 22.310 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

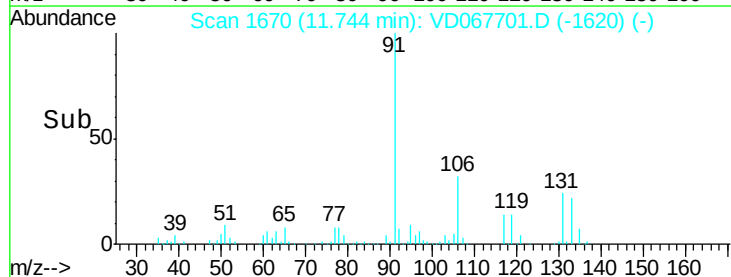
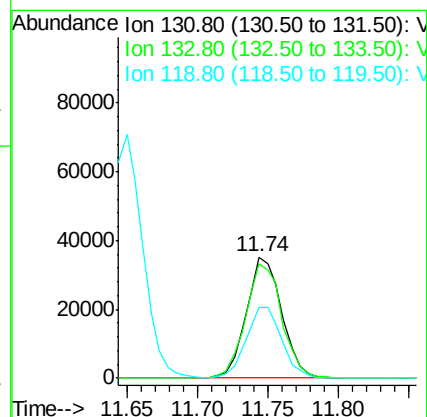
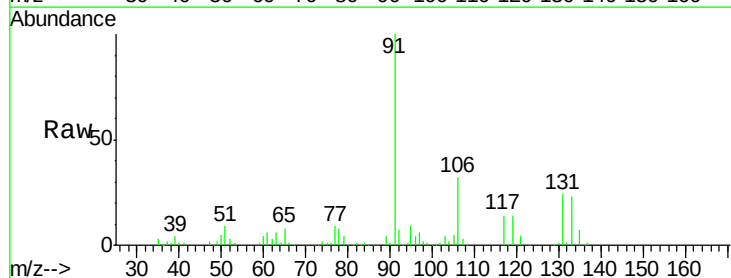
Tgt Ion:131 Resp: 61930

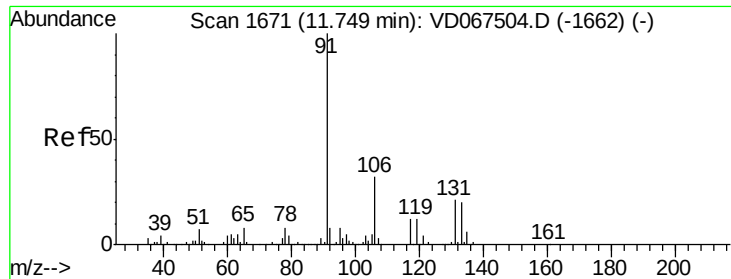
Ion Ratio Lower Upper

131 100

133 97.4 48.0 144.0

119 59.0 30.1 90.5





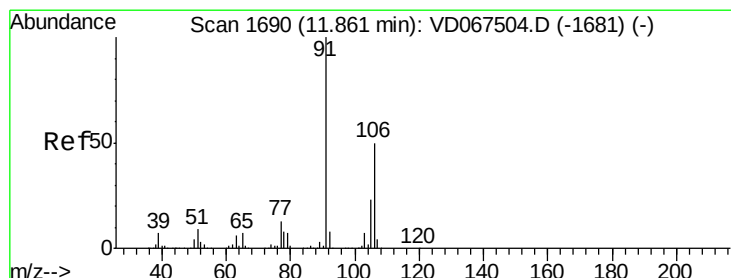
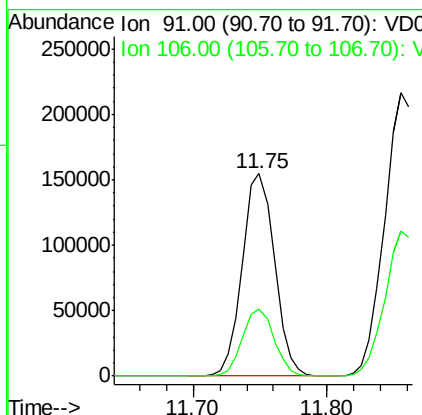
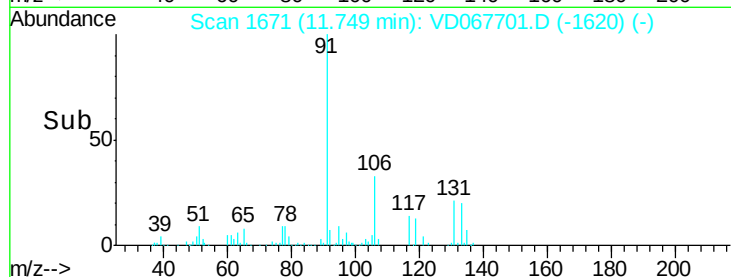
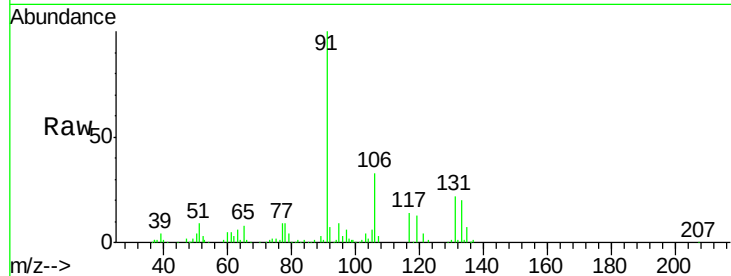
#67  
Ethyl Benzene  
Concen: 21.524 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

Tot Ion: 91 Resp: 259416  
Ion Ratio Lower Upper  
91 100  
106 33.0 25.7 38.5

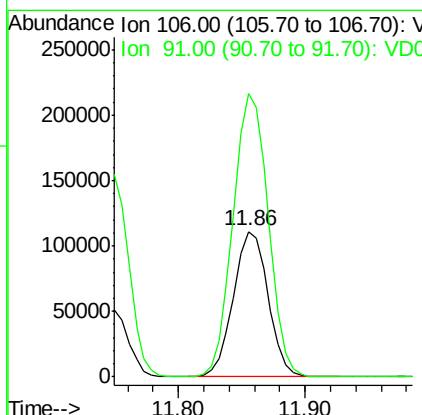
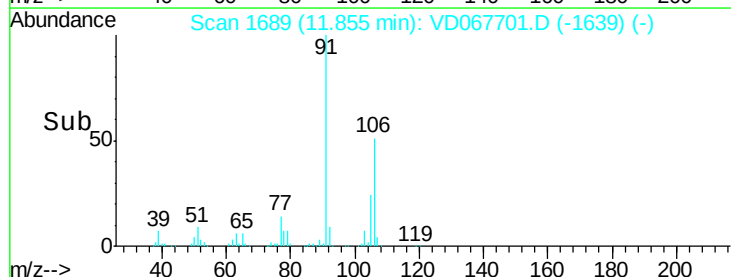
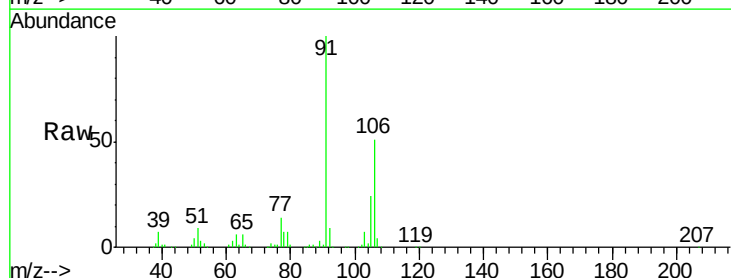
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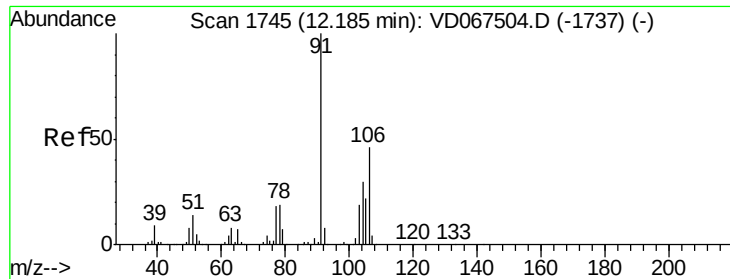
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#68  
m/p-Xylenes  
Concen: 44.940 ug/l  
RT: 11.86 min Scan# 1689  
Delta R.T. -0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Tgt Ion: 106 Resp: 210718  
Ion Ratio Lower Upper  
106 100  
91 198.1 162.6 244.0





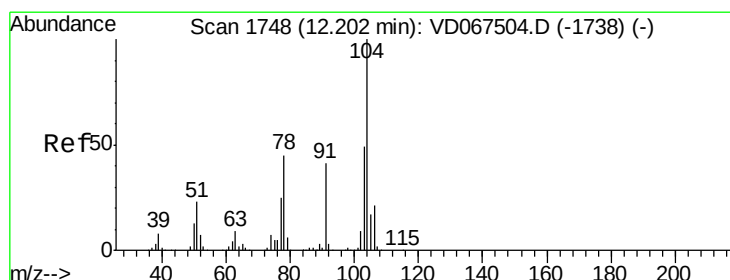
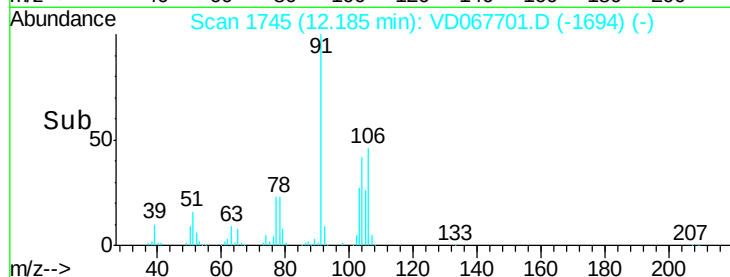
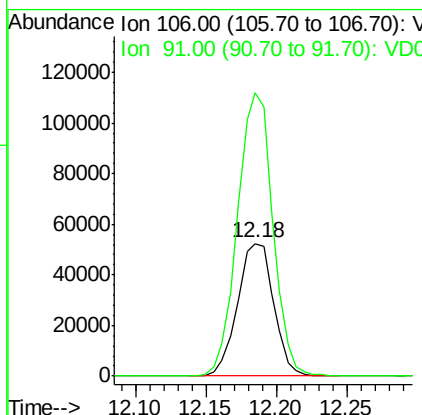
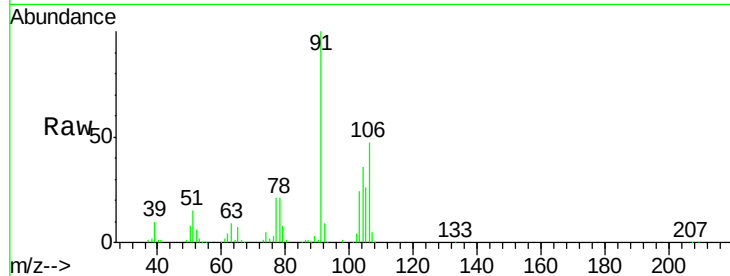
#69  
o-Xylene  
Concen: 22.465 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

Tot Ion:106 Resp: 94047  
Ion Ratio Lower Upper  
106 100  
91 208.5 107.1 321.1

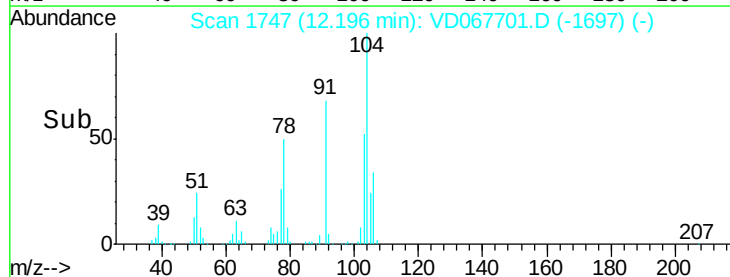
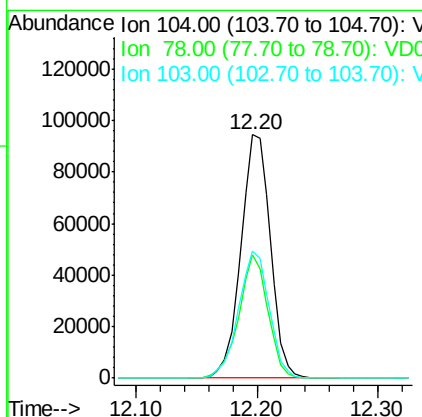
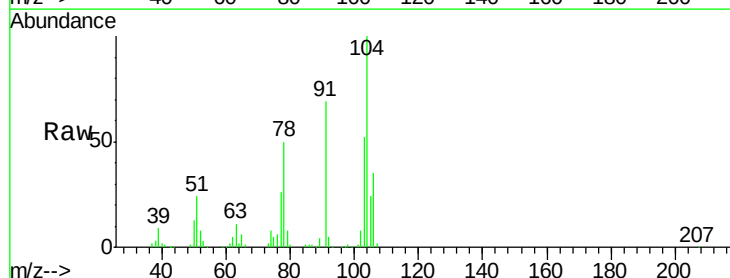
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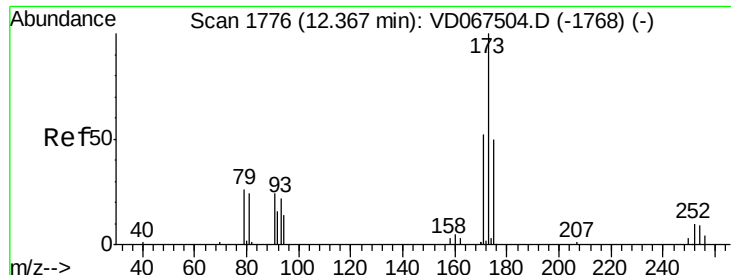
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#70  
Styrene  
Concen: 22.121 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. -0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Tgt Ion:104 Resp: 161365  
Ion Ratio Lower Upper  
104 100  
78 49.8 39.8 59.8  
103 54.5 43.9 65.9





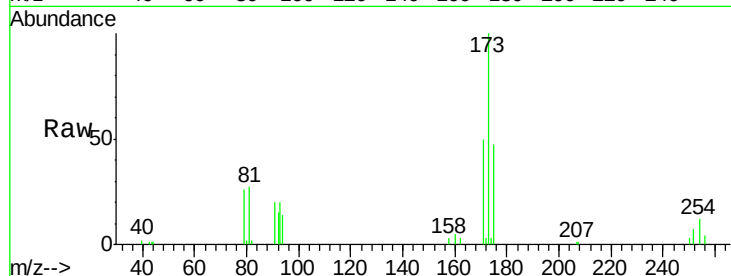
#71  
Bromoform  
Concen: 21.906 ug/l  
RT: 12.36 min Scan# 1775  
Delta R.T. -0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

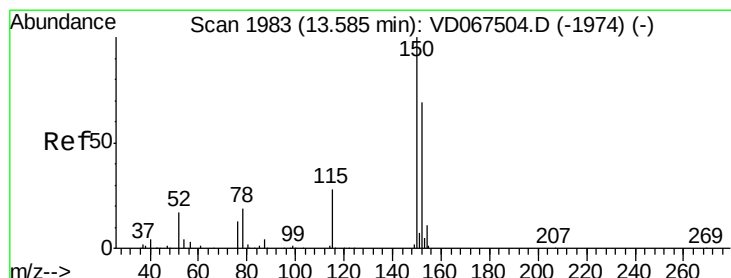
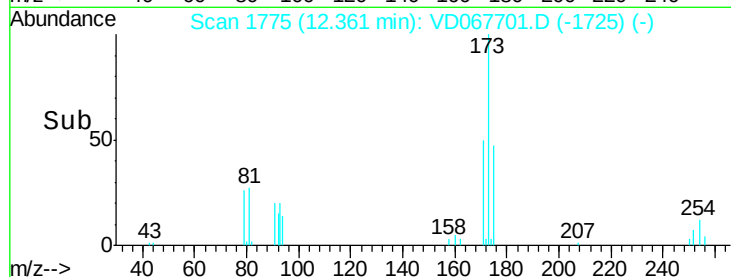
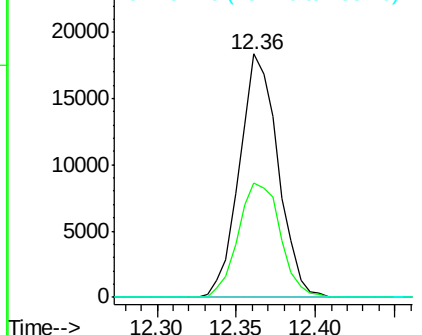
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 51.3  | 24.1  | 72.2  |
| 254     | 0.0   | 0.0   | 0.0   |

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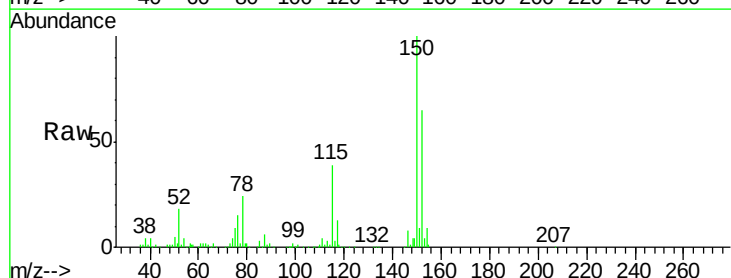


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

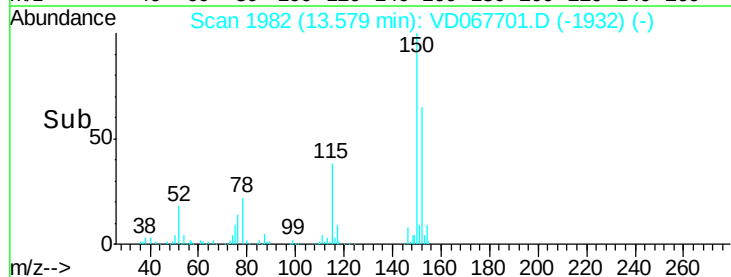
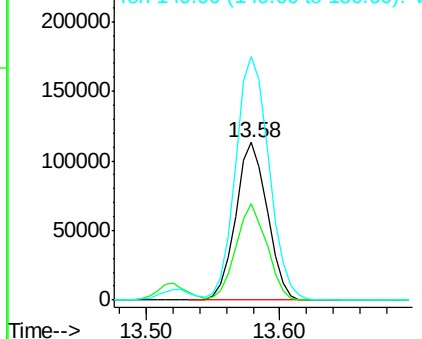


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1982  
Delta R.T. -0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

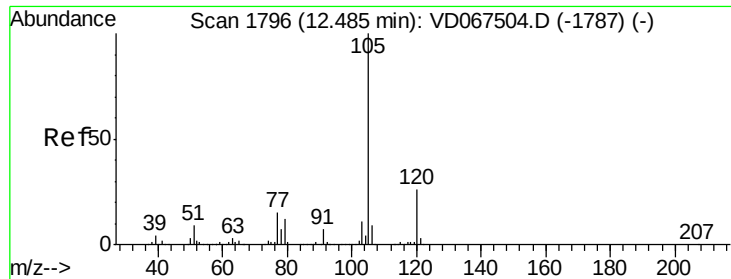
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 60.1  | 29.3  | 88.0  |
| 150     | 164.1 | 0.0   | 338.2 |



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: 21.966 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1119SBS01

Tot Ion:105 Resp: 262872

Ion Ratio Lower Upper

105 100

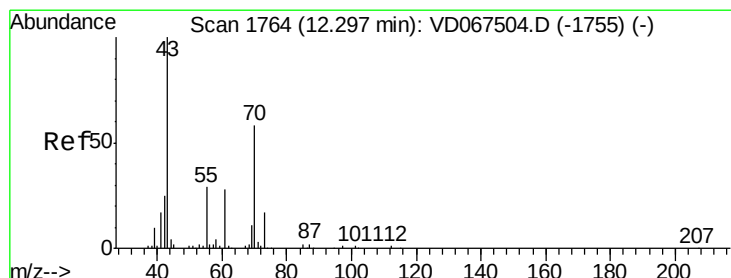
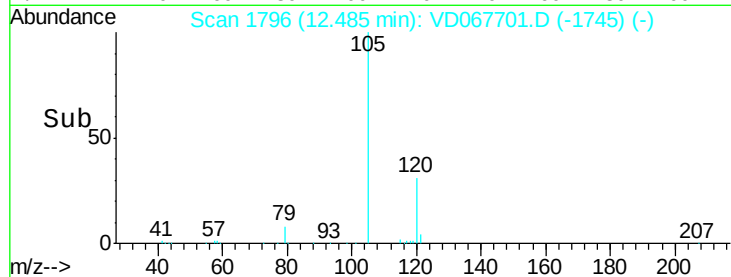
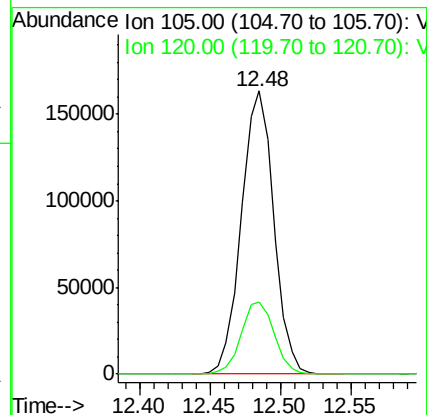
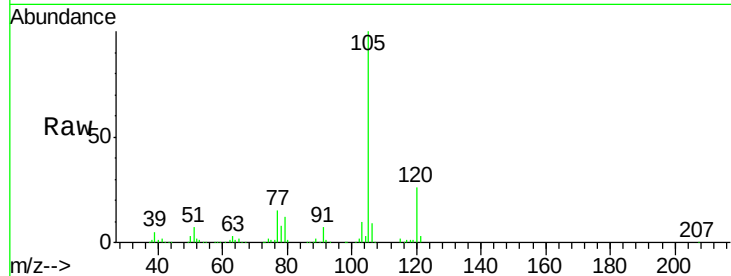
120 26.2 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.064 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

Tgt Ion: 43 Resp: 31596

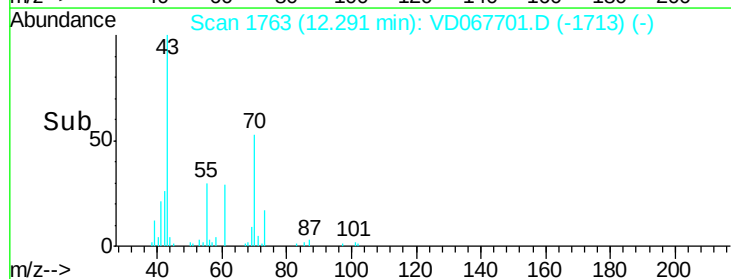
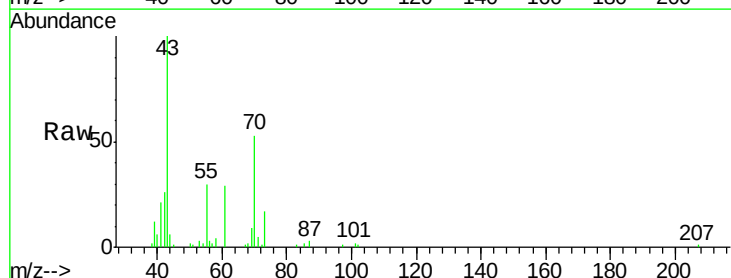
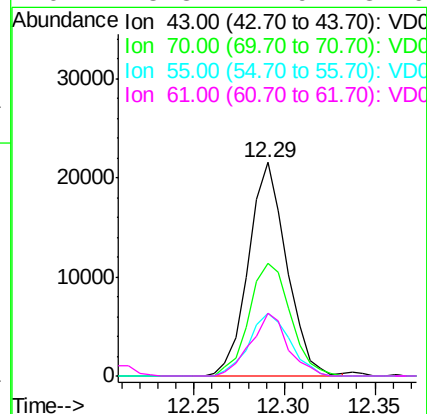
Ion Ratio Lower Upper

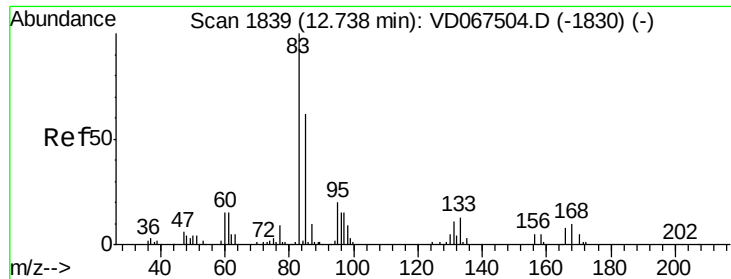
43 100

70 57.2 42.6 64.0

55 31.7 23.7 35.5

61 28.3 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 22.556 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

Instrument :

MSVOA\_D

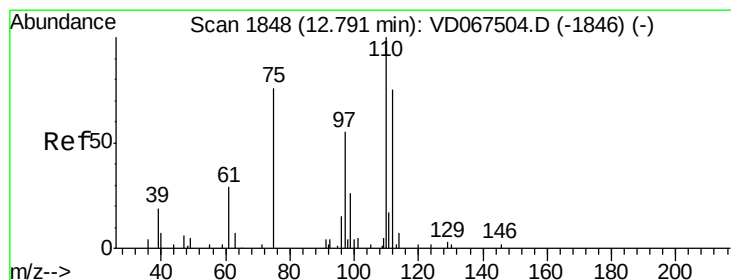
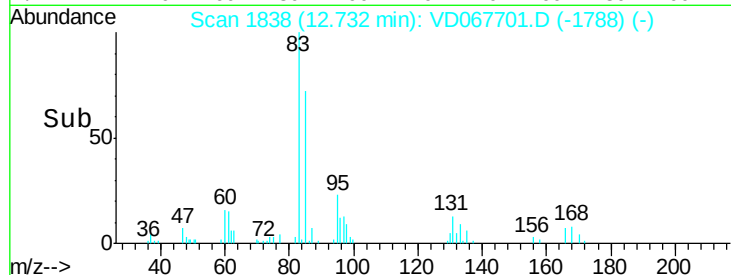
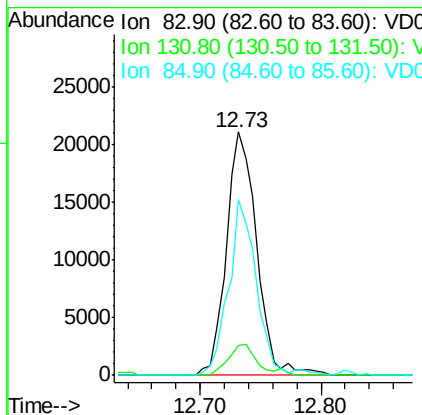
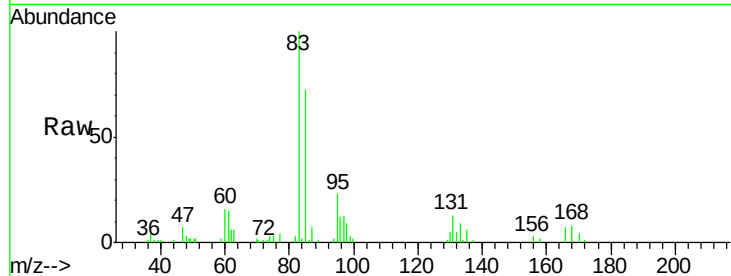
ClientSampleId :

VD1119SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 36809 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 12.5  | 7.1   | 21.3  |
| 85        | 65.5  | 32.9  | 98.7  |

Manual Integrations  
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11/20/2020 10:06:25 AM



#76

1,2,3-Trichloropropane

Concen: 23.271 ug/l m

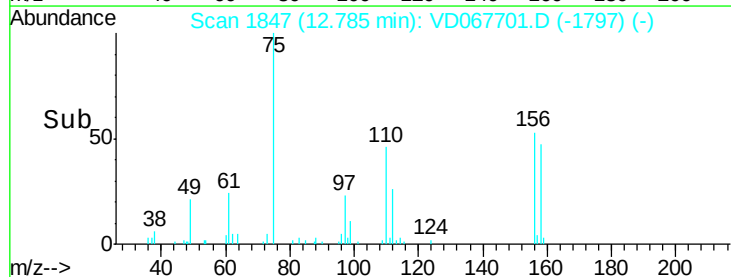
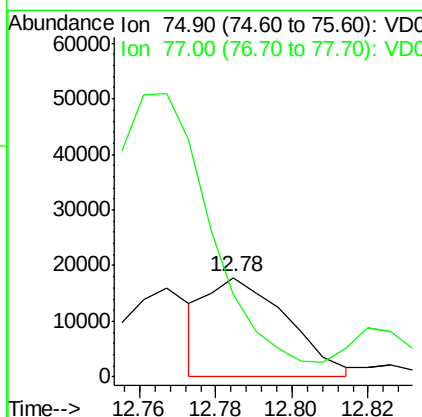
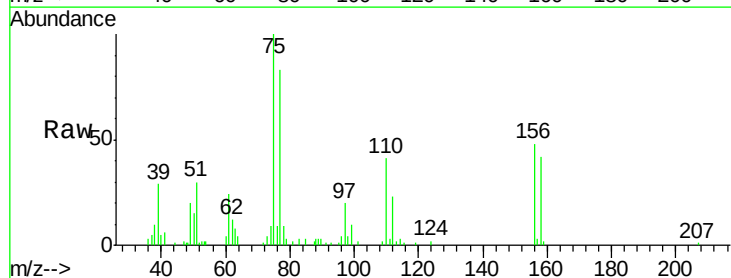
RT: 12.78 min Scan# 1847

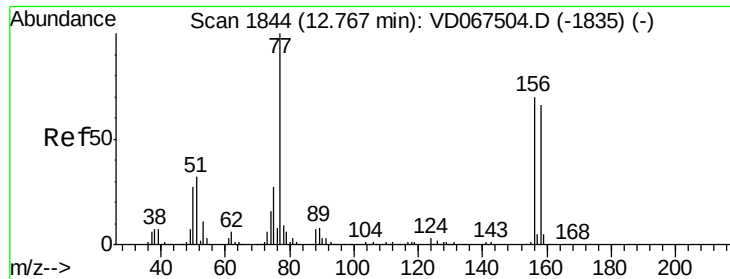
Delta R.T. -0.01 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 25995 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 378.9 | 0.0   | 0.0#  |





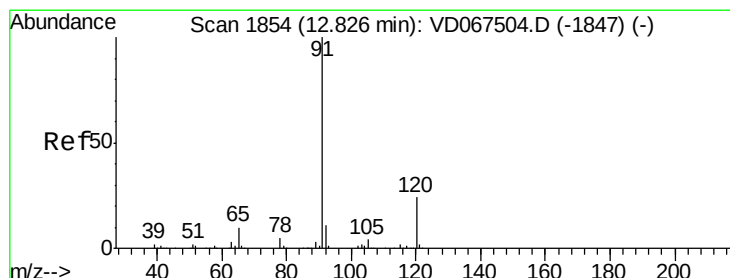
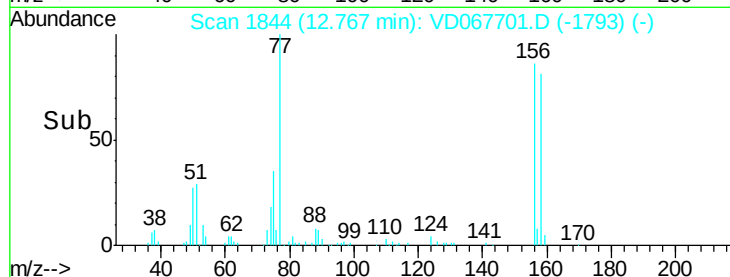
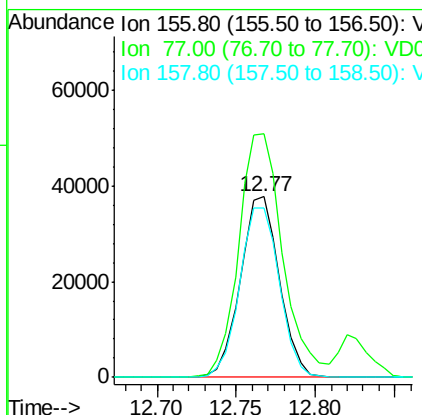
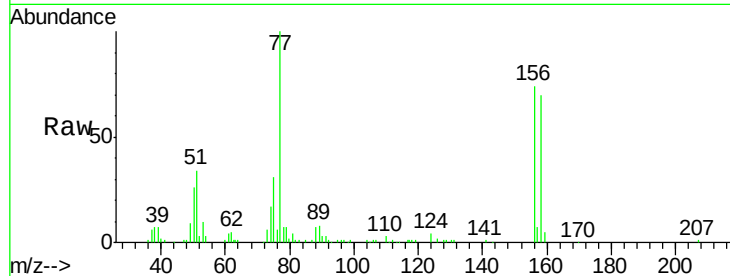
#77  
Bromobenzene  
Concen: 21.974 ug/l  
RT: 12.77 min Scan# 1844  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 152.5 | 77.8  | 233.5 |
| 158     | 95.8  | 47.9  | 143.7 |

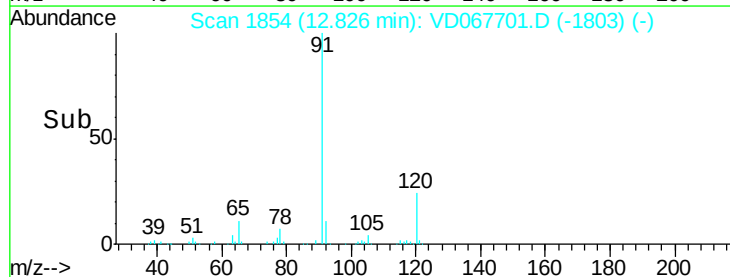
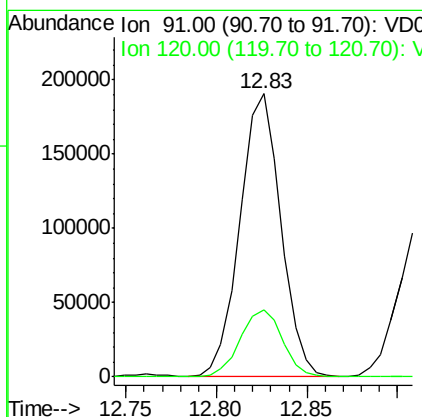
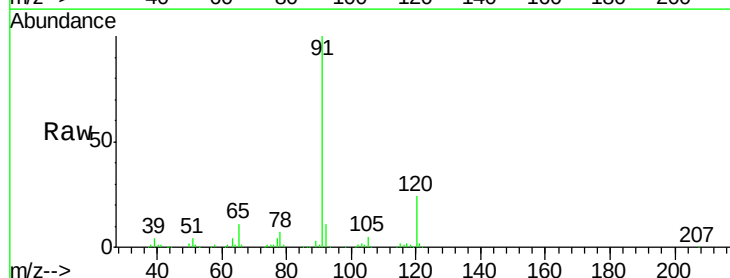
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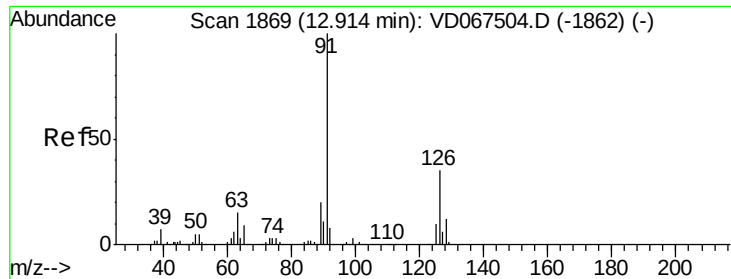
MMDadoda  
11/20/2020 10:06:25 AM



#78  
n-propylbenzene  
Concen: 21.943 ug/l  
RT: 12.83 min Scan# 1854  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.4  | 12.2  | 36.4  |





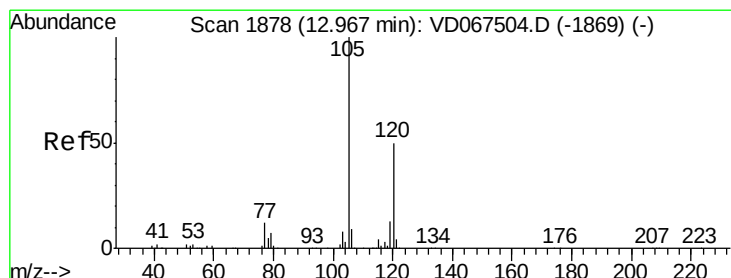
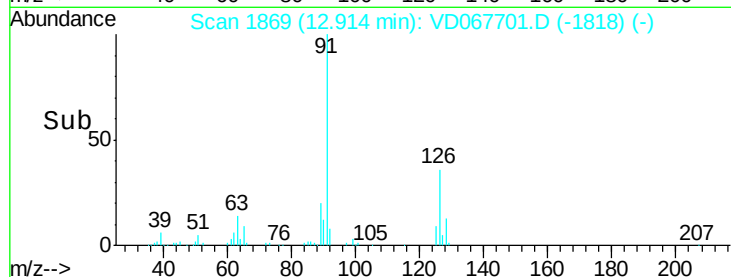
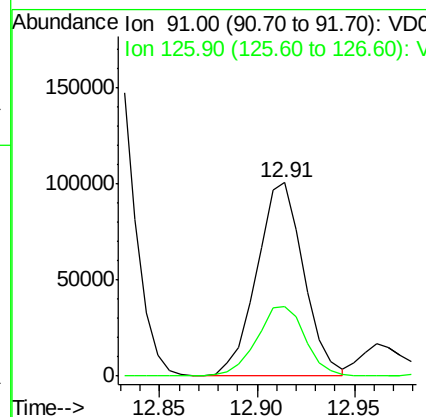
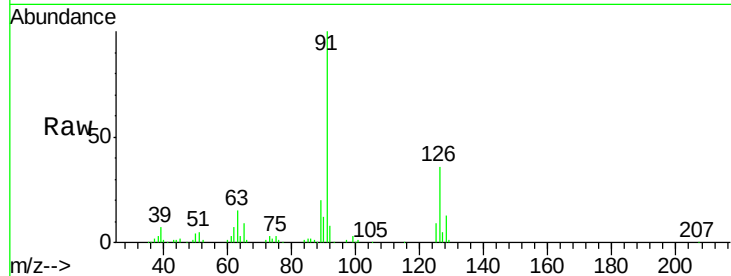
#79  
2-Chlorotoluene  
Concen: 21.580 ug/l  
RT: 12.91 min Scan# 1869  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS001

Tot Ion: 91 Resp: 167799  
Ion Ratio Lower Upper  
91 100  
126 37.3 17.8 53.4

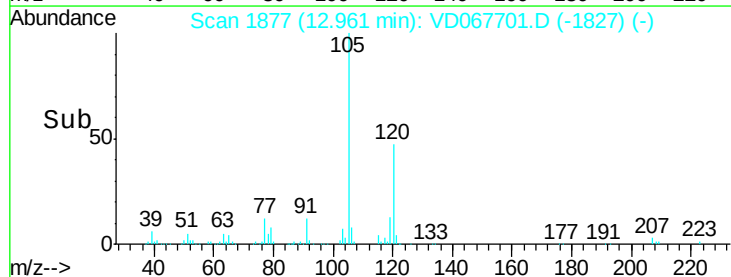
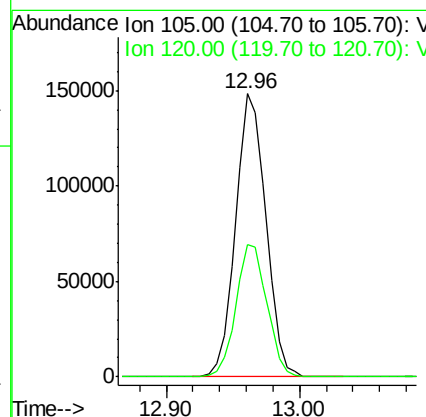
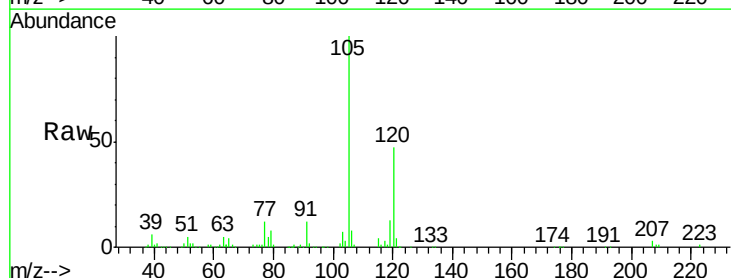
Manual Integrations  
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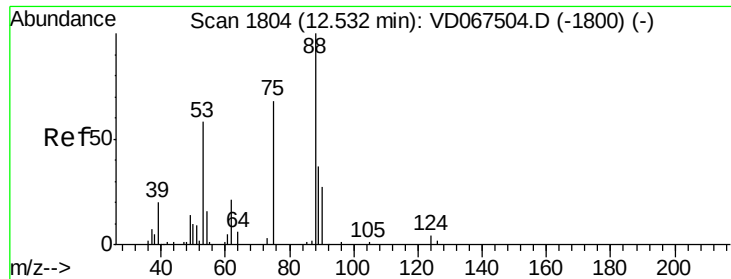
MMDadoda  
11/20/2020 10:06:25 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 22.934 ug/l  
RT: 12.96 min Scan# 1877  
Delta R.T. -0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Tgt Ion: 105 Resp: 234460  
Ion Ratio Lower Upper  
105 100  
120 47.5 24.3 72.8





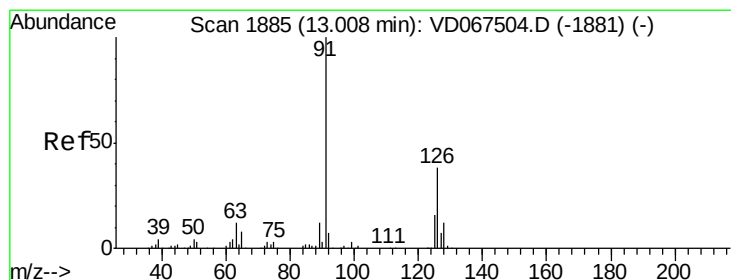
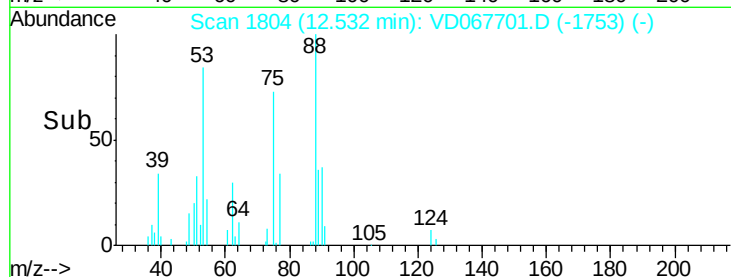
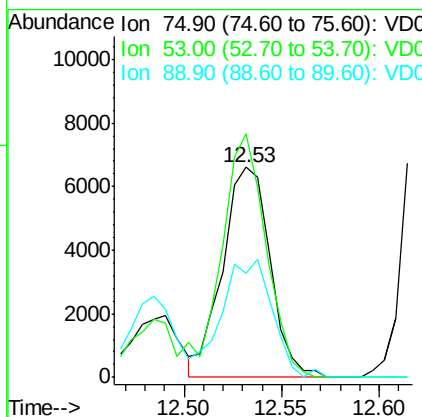
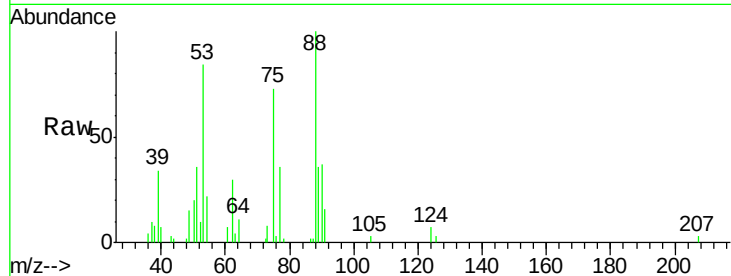
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.312 ug/l  
RT: 12.53 min Scan# 1804  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 103.8 | 75.9  | 113.9 |
| 89      | 59.7  | 44.6  | 67.0  |

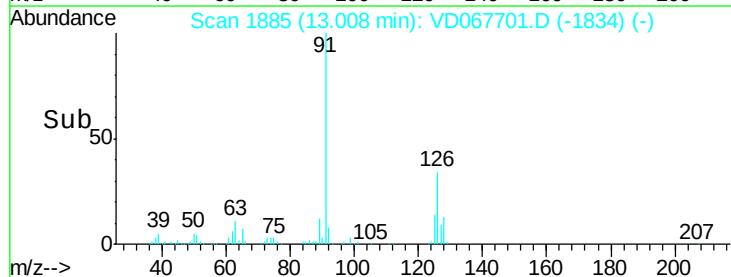
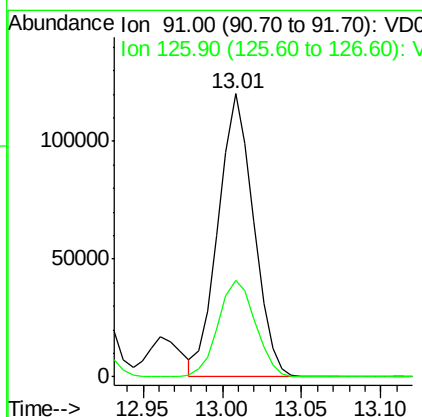
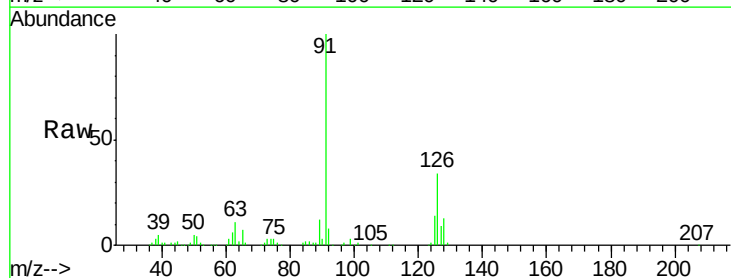
Manual Integrations  
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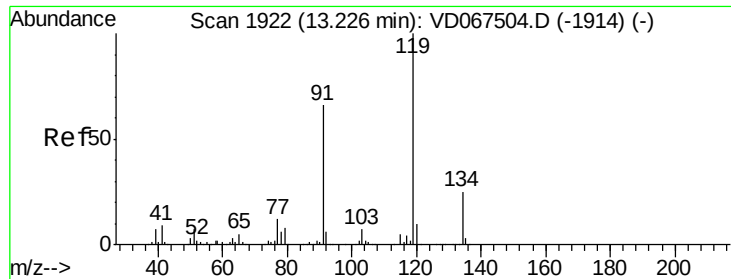
MMDadoda  
11/20/2020 10:06:25 AM



#82  
4-Chlorotoluene  
Concen: 22.334 ug/l  
RT: 13.01 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 36.0  | 17.9  | 53.7  |





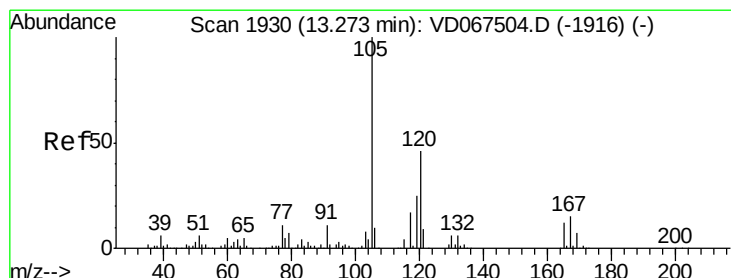
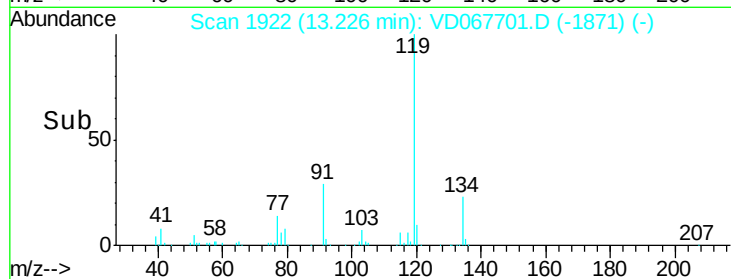
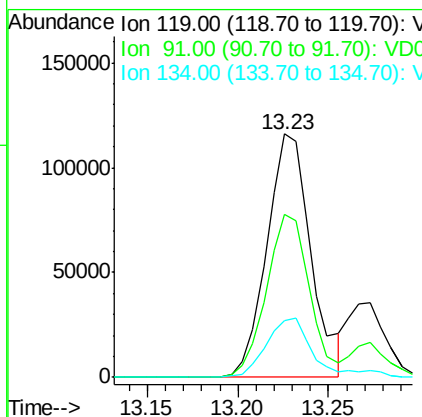
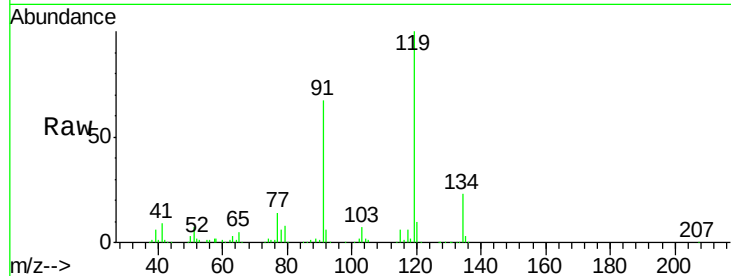
#83  
 tert-Butylbenzene  
 Concen: 22.716 ug/l  
 RT: 13.23 min Scan# 1922  
 Delta R.T. -0.00 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1119SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 196815 |       |       |
| 91      | 65.5  | 32.7   | 98.1  |       |
| 134     | 26.2  | 13.4   | 40.2  |       |

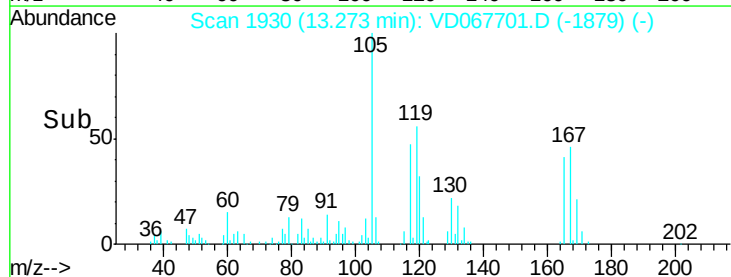
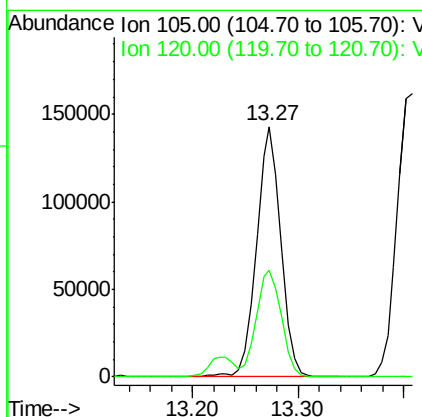
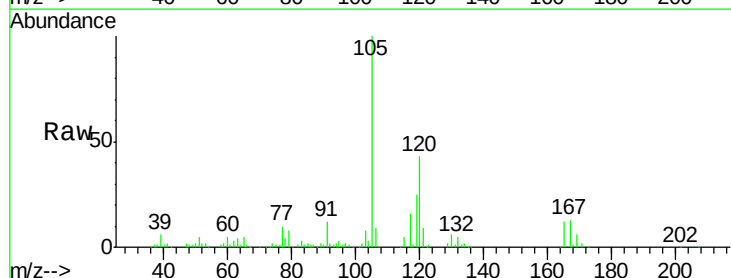
Manual Integrations  
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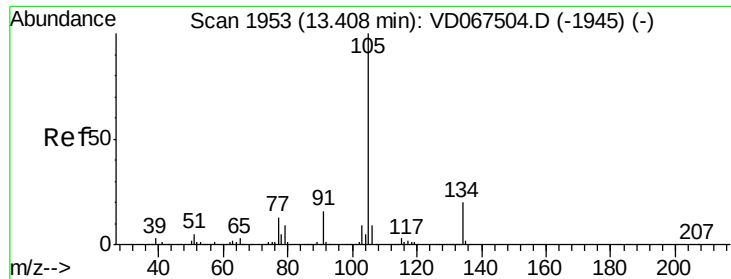
MMDadoda  
 11/20/2020 10:06:25 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 22.489 ug/l  
 RT: 13.27 min Scan# 1930  
 Delta R.T. -0.00 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 228857 |       |       |
| 120     | 44.1  | 22.1   | 66.1  |       |





#85

sec-Butylbenzene

Concen: 21.992 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

Instrument :

MSVOA\_D

ClientSampleId :

VD1119SBS01

Tot Ion:105 Resp: 257224

Ion Ratio Lower Upper

105 100

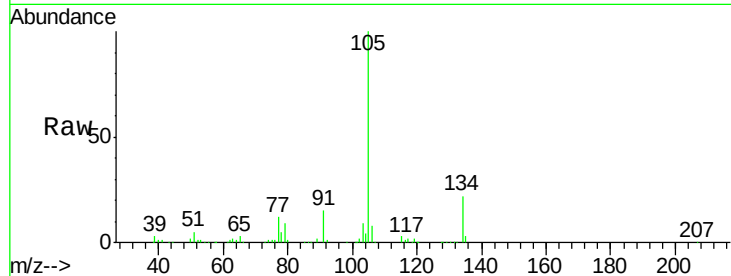
134 22.2 10.4 31.4

Manual Integrations

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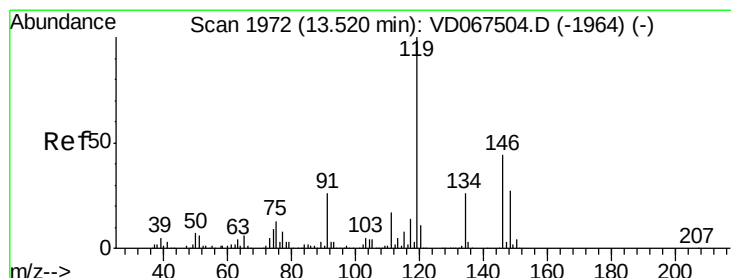
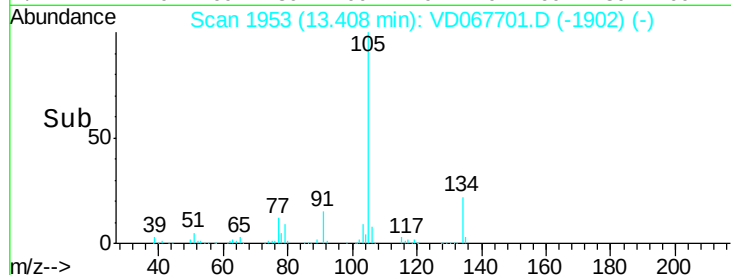
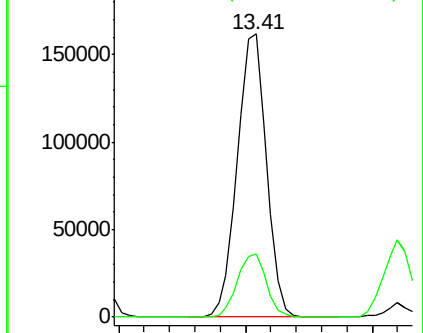
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.427 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

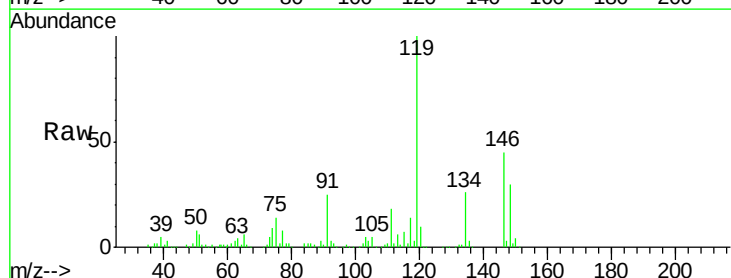
Tgt Ion:119 Resp: 253310

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

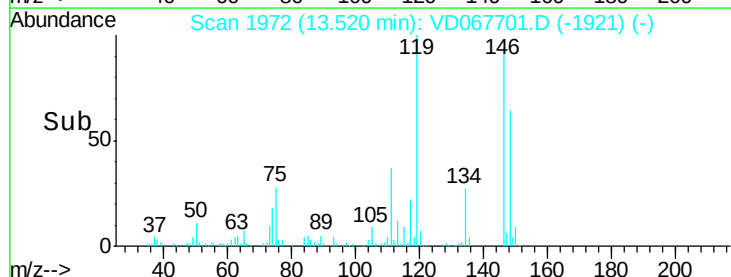
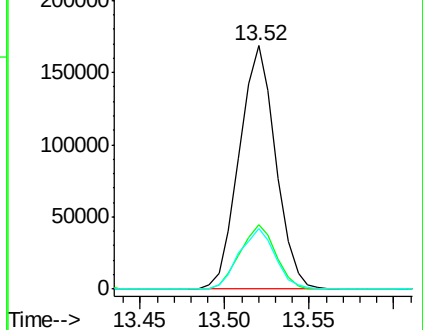
91 24.3 12.2 36.4

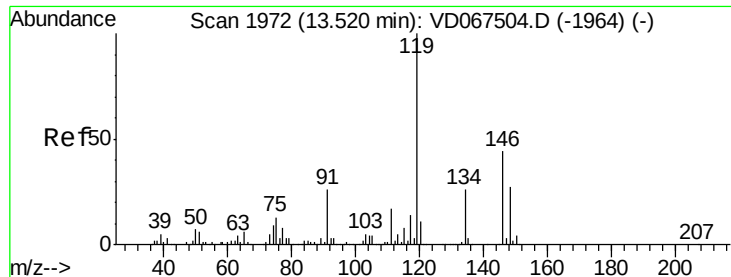


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





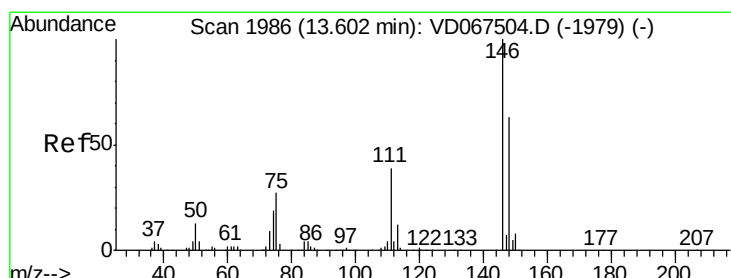
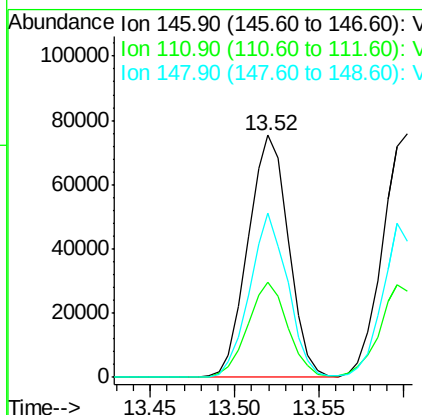
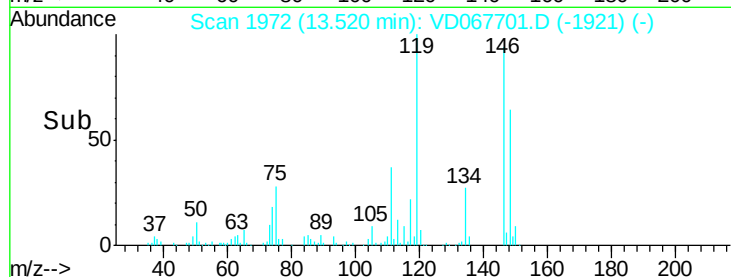
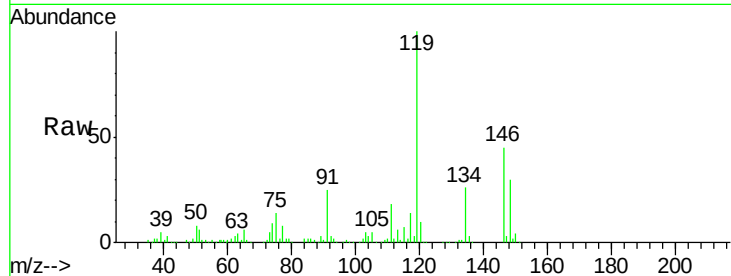
#87  
 1,3-Dichlorobenzene  
 Concen: 22.386 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.00 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1119SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 125545 |       |       |
| 111     | 38.5  | 20.3   | 60.8  |       |
| 148     | 63.9  | 31.9   | 95.9  |       |

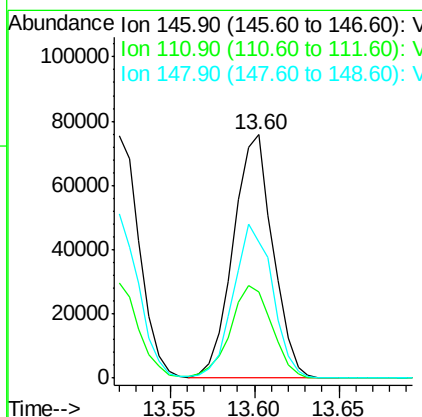
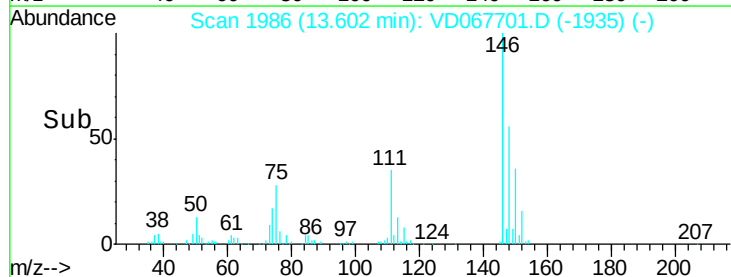
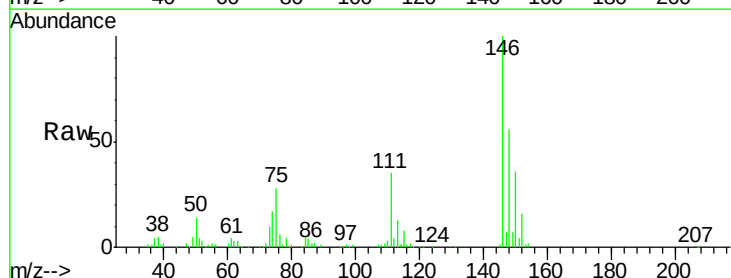
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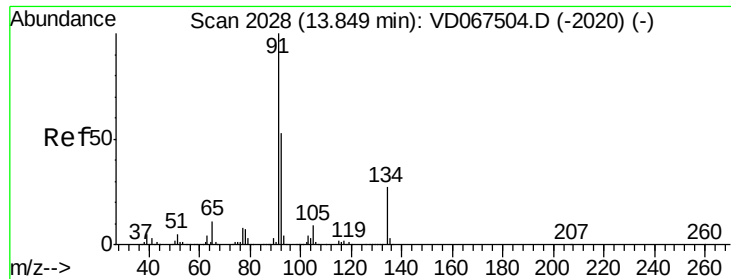


#88  
 1,4-Dichlorobenzene  
 Concen: 21.818 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. -0.00 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 123897 |       |       |
| 111     | 39.8  | 19.6   | 58.7  |       |
| 148     | 62.9  | 31.8   | 95.4  |       |







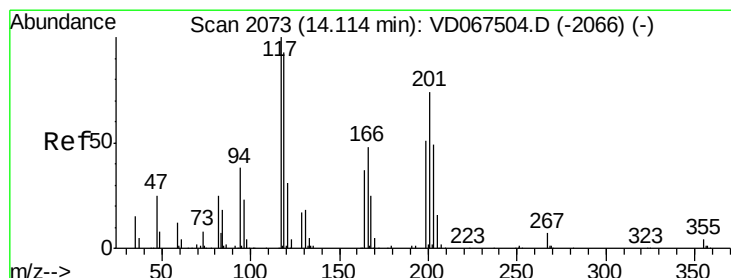
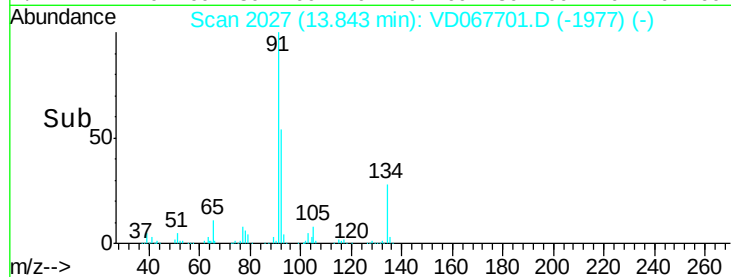
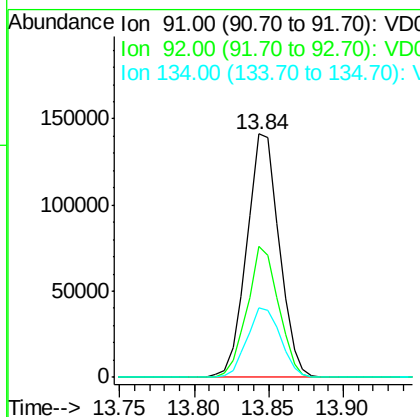
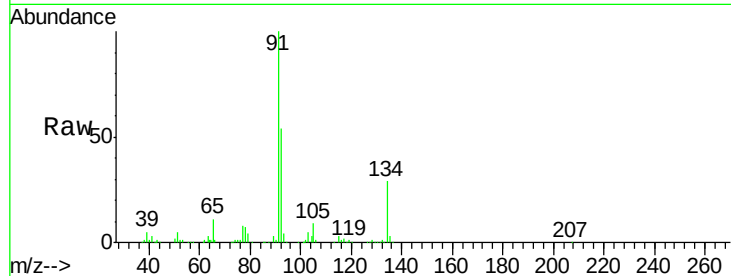
#89  
n-Butylbenzene  
Concen: 21.772 ug/l  
RT: 13.84 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1119SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 212412 |       |       |
| 92      | 52.1  | 26.6   | 79.8  |       |
| 134     | 29.4  | 14.1   | 42.2  |       |

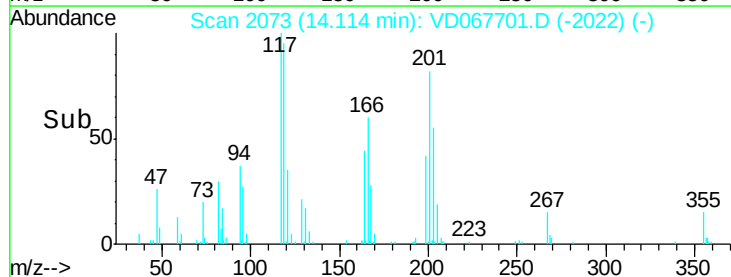
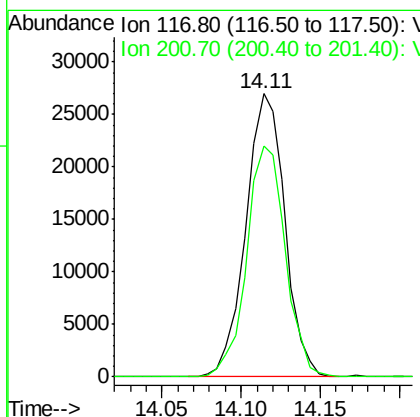
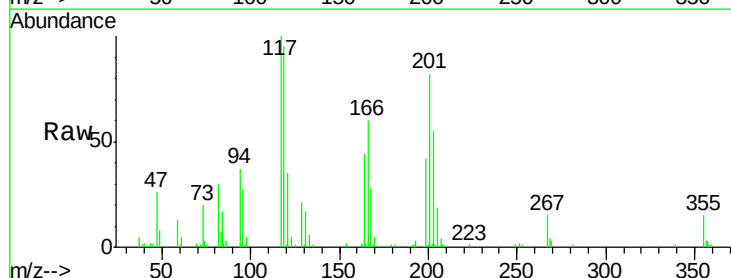
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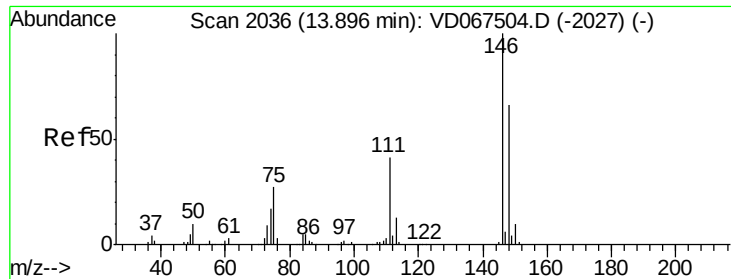
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#90  
Hexachloroethane  
Concen: 21.681 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. -0.00 min  
Lab File: VD067701.D  
Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 46116 |       |       |
| 201     | 80.9  | 40.7  | 122.1 |       |





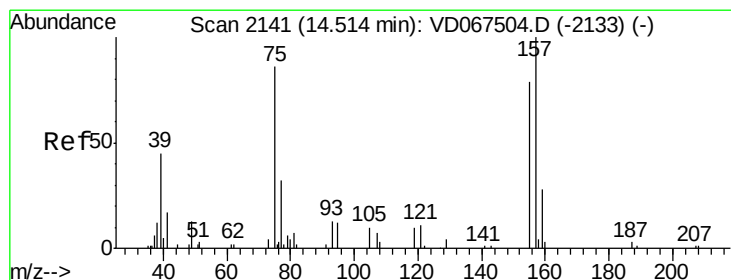
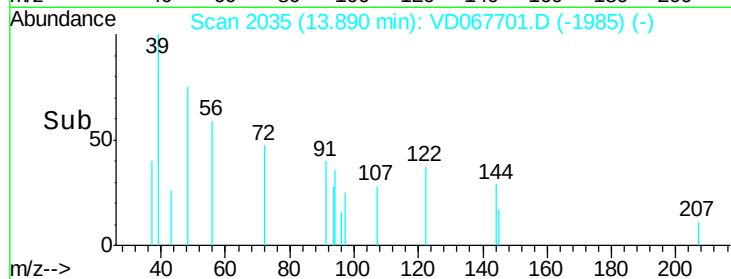
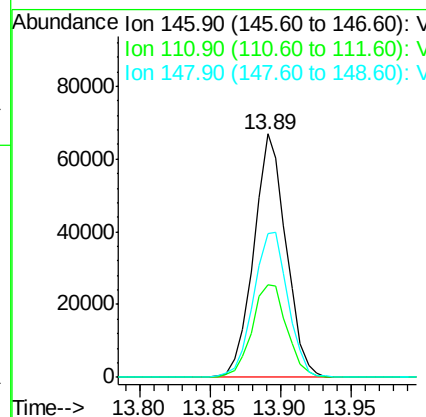
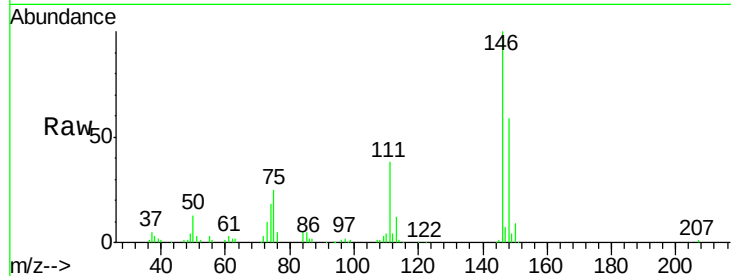
#91  
 1,2-Dichlorobenzene  
 Concen: 22.187 ug/l  
 RT: 13.89 min Scan# 2035  
 Delta R.T. -0.01 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1119SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 20.7  | 62.1  |
| 148     | 63.8  | 31.5  | 94.5  |

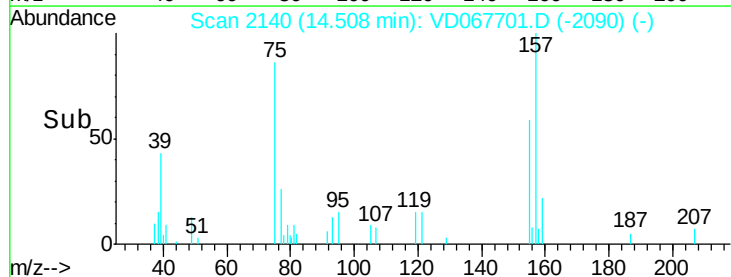
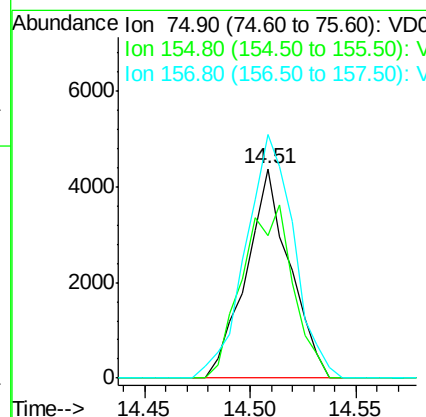
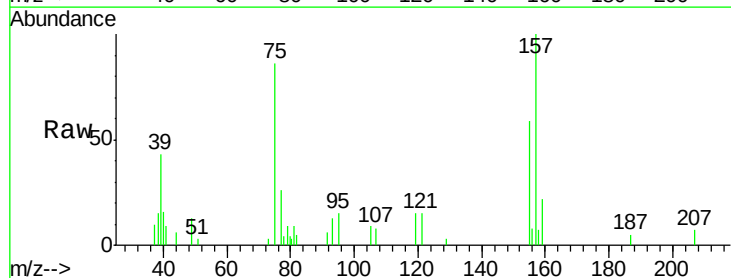
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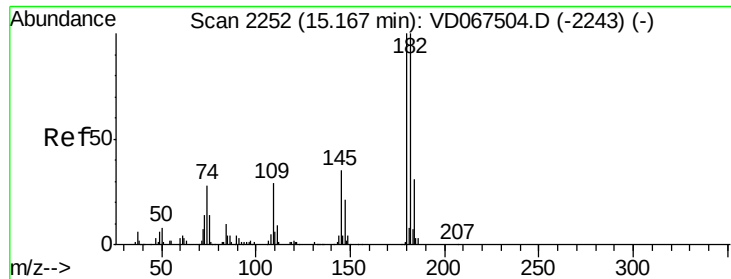
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.704 ug/l  
 RT: 14.51 min Scan# 2140  
 Delta R.T. -0.01 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 96.1  | 46.6  | 139.8 |
| 157     | 128.8 | 58.1  | 174.2 |





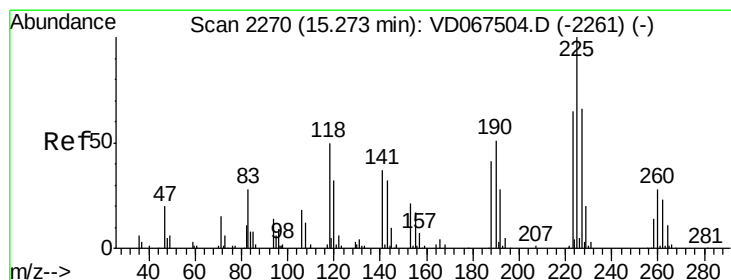
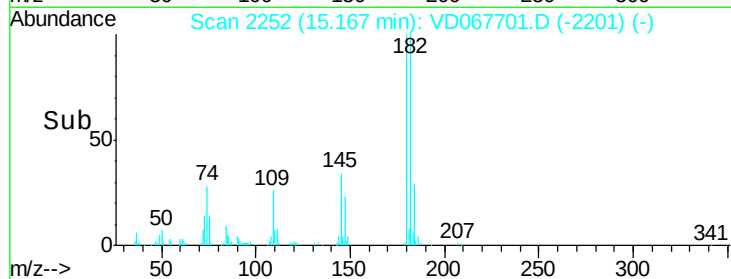
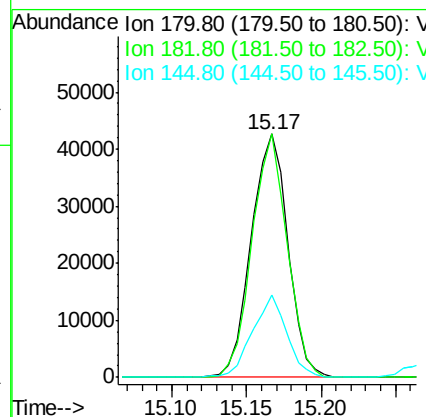
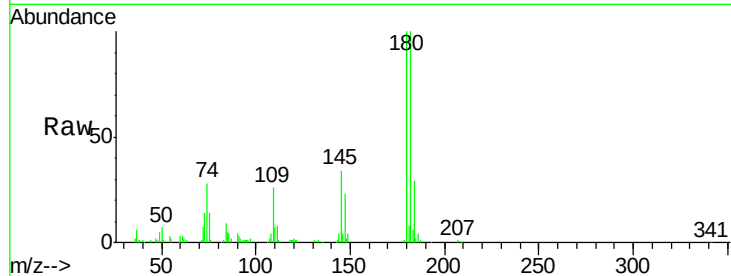
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.982 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. -0.00 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1119SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 47.4  | 142.3 |
| 145     | 31.5  | 16.2  | 48.6  |

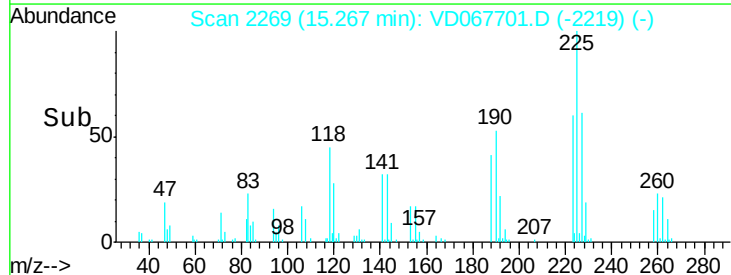
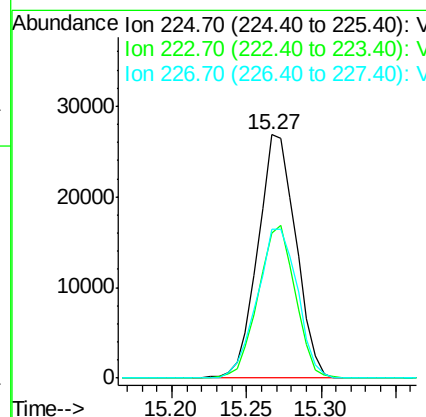
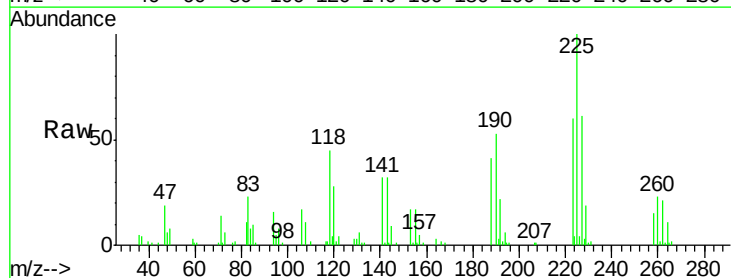
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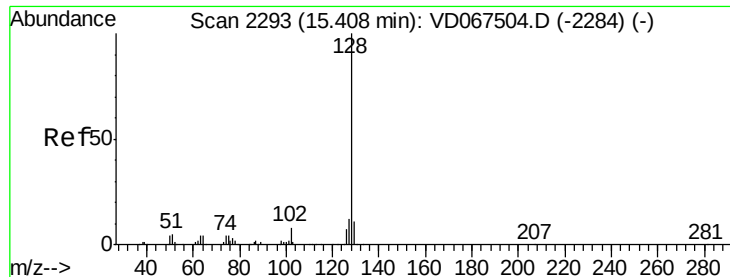
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#94  
 Hexachlorobutadiene  
 Concen: 21.465 ug/l  
 RT: 15.27 min Scan# 2269  
 Delta R.T. -0.01 min  
 Lab File: VD067701.D  
 Acq: 19 Nov 2020 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.2  | 31.9  | 95.5  |
| 227     | 65.0  | 32.5  | 97.4  |





#95

Naphthalene

Concen: 21.994 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

Instrument :

MSVOA\_D

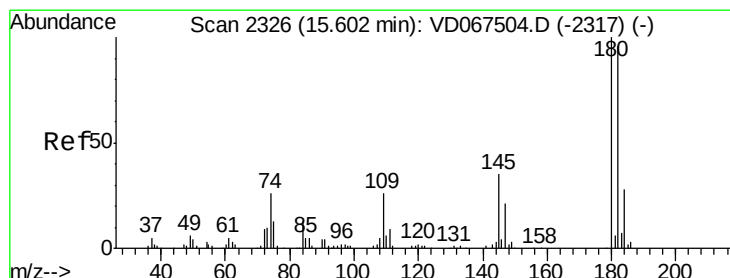
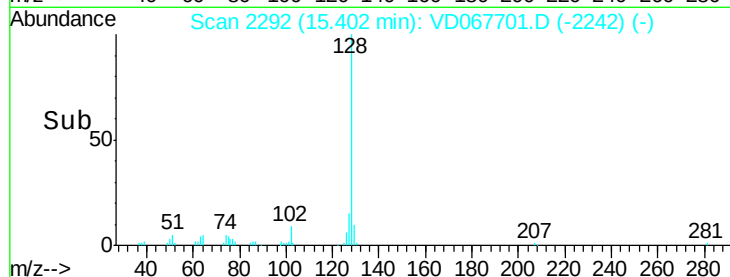
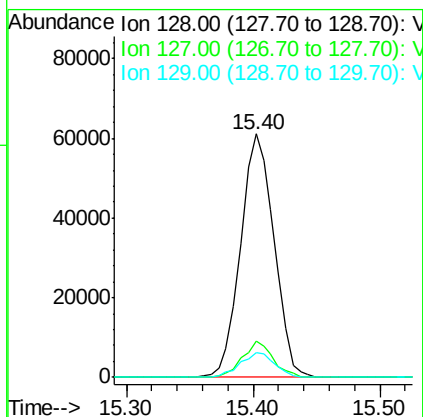
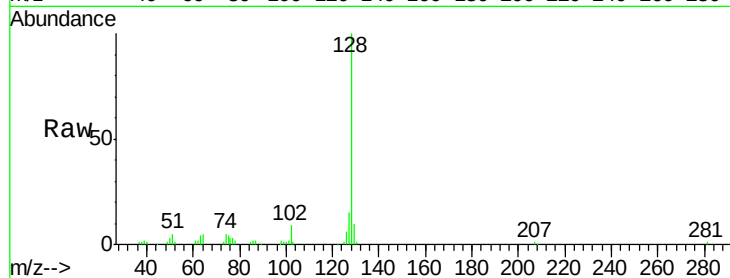
ClientSampleId :

VD1119SBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 111813 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.6  | 10.2  | 15.4   |
| 129       | 10.4  | 8.9   | 13.3   |

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#96

1,2,3-Trichlorobenzene

Concen: 21.459 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD067701.D

Acq: 19 Nov 2020 12:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 60536 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 100.0 | 46.9  | 140.8 |
| 145       | 37.4  | 17.1  | 51.2  |

