

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082720\  
 Data File : VD066449.D  
 Acq On : 27 Aug 2020 20:57  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 8/28/2020 3:19:03 PM

Quant Time: Aug 28 02:34:33 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D082120S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 13:36:12 2020  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-------------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene         | 7.97  | 168  | 146752   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.86  | 114  | 211954   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 11.64 | 117  | 205401   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.58 | 152  | 110360   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds   |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4     | 8.33  | 65   | 91484    | 63.59   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 127.18% |          |
| 35) Dibromofluoromethane      | 7.91  | 113  | 69509    | 52.45   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 104.90% |          |
| 50) Toluene-d8                | 10.34 | 98   | 259937   | 53.60   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 107.20% |          |
| 62) 4-Bromofluorobenzene      | 12.63 | 95   | 93600    | 54.39   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 108.78% |          |
| Target Compounds              |       |      |          |         |         |          |
|                               |       |      |          |         | Qvalue  |          |
| 2) Dichlorodifluoromethane    | 1.99  | 85   | 54116    | 43.376  | ug/l    | 99       |
| 3) Chloromethane              | 2.20  | 50   | 35852    | 40.541  | ug/l    | 97       |
| 4) Vinyl Chloride             | 2.34  | 62   | 43066    | 45.356  | ug/l    | 99       |
| 5) Bromomethane               | 2.76  | 94   | 37612    | 52.959  | ug/l    | 96       |
| 6) Chloroethane               | 2.91  | 64   | 30524    | 50.205  | ug/l    | 100      |
| 7) Trichlorofluoromethane     | 3.27  | 101  | 130594   | 50.580  | ug/l    | 100      |
| 8) Diethyl Ether              | 3.70  | 74   | 29938    | 51.751  | ug/l    | 90       |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09  | 101  | 55151    | 43.283  | ug/l    | 94       |
| 10) Methyl Iodide             | 4.30  | 142  | 63364    | 43.600  | ug/l    | 92       |
| 11) Tert butyl alcohol        | 5.22  | 59   | 28219    | 361.791 | ug/l #  | 91       |
| 12) 1,1-Dichloroethene        | 4.06  | 96   | 54460    | 45.532  | ug/l    | 96       |
| 13) Acrolein                  | 3.93  | 56   | 10655    | 166.772 | ug/l    | 97       |
| 14) Allyl chloride            | 4.71  | 41   | 69774    | 43.705  | ug/l #  | 82       |
| 15) Acrylonitrile             | 5.43  | 53   | 59072    | 254.502 | ug/l    | 96       |
| 16) Acetone                   | 4.16  | 43   | 53038    | 204.477 | ug/l    | 94       |
| 17) Carbon Disulfide          | 4.40  | 76   | 160378   | 44.244  | ug/l    | 100      |
| 18) Methyl Acetate            | 4.71  | 43   | 25132    | 51.624  | ug/l #  | 88       |
| 19) Methyl tert-butyl Ether   | 5.48  | 73   | 168867   | 58.634  | ug/l    | 99       |
| 20) Methylene Chloride        | 4.96  | 84   | 66868    | 47.988  | ug/l    | 94       |
| 21) trans-1,2-Dichloroethene  | 5.46  | 96   | 66772    | 47.958  | ug/l    | 97       |
| 22) Diisopropyl ether         | 6.36  | 45   | 144515   | 46.754  | ug/l    | 94       |
| 23) Vinyl Acetate             | 6.30  | 43   | 473618   | 247.516 | ug/l #  | 93       |
| 24) 1,1-Dichloroethane        | 6.26  | 63   | 106164   | 48.603  | ug/l    | 96       |
| 25) 2-Butanone                | 7.21  | 43   | 70438    | 239.207 | ug/l #  | 87       |
| 26) 2,2-Dichloropropane       | 7.21  | 77   | 112951   | 48.247  | ug/l    | 98       |
| 27) cis-1,2-Dichloroethene    | 7.20  | 96   | 77413    | 51.891  | ug/l    | 97       |
| 28) Bromochloromethane        | 7.54  | 49   | 40632    | 54.003  | ug/l    | 91       |
| 29) Tetrahydrofuran           | 7.56  | 42   | 38854    | 232.308 | ug/l #  | 87       |
| 30) Chloroform                | 7.71  | 83   | 142473   | 56.375  | ug/l    | 97       |
| 31) Cyclohexane               | 7.98  | 56   | 71350    | 35.716  | ug/l    | 91       |
| 32) 1,1,1-Trichloroethane     | 7.90  | 97   | 145736   | 56.345  | ug/l    | 99       |
| 36) 1,1-Dichloropropene       | 8.11  | 75   | 89253    | 46.151  | ug/l    | 99       |
| 37) Ethyl Acetate             | 7.29  | 43   | 31828    | 48.388  | ug/l #  | 93       |
| 38) Carbon Tetrachloride      | 8.09  | 117  | 139562   | 55.390  | ug/l    | 95       |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 8/28/2020 3:19:03 PM

Quant Time: Aug 28 02:34:33 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D082120S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 13:36:12 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.35  | 83   | 98373    | 43.181   | ug/l   | 92       |
| 40) Benzene                    | 8.34  | 78   | 256769   | 50.470   | ug/l   | 95       |
| 41) Methacrylonitrile          | 7.54  | 41   | 22013m   | 54.269   | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.42  | 62   | 113395   | 63.283   | ug/l   | 97       |
| 43) Isopropyl Acetate          | 8.45  | 43   | 66010    | 49.999   | ug/l # | 58       |
| 44) Trichloroethene            | 9.10  | 130  | 82222    | 49.737   | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.38  | 63   | 51972    | 45.060   | ug/l   | 90       |
| 46) Dibromomethane             | 9.47  | 93   | 39499    | 55.003   | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.66  | 83   | 115191   | 58.328   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.45  | 41   | 35093    | 51.547   | ug/l # | 86       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 9377     | 1124.537 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 162569   | 254.542  | ug/l   | 99       |
| 52) Toluene                    | 10.40 | 92   | 181621   | 52.692   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 98285    | 52.449   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 107669   | 51.188   | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 49198    | 50.606   | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 60467    | 53.729   | ug/l # | 91       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 84552    | 52.580   | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 118233   | 252.952  | ug/l   | 91       |
| 59) 2-Hexanone                 | 10.98 | 43   | 116206   | 257.950  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 83421    | 56.927   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 48973    | 51.188   | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.87 | 164  | 76886    | 49.344   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.67 | 112  | 210641   | 51.546   | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 89655    | 53.685   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.74 | 91   | 354157   | 49.235   | ug/l   | 95       |
| 68) m/p-Xylenes                | 11.85 | 106  | 275083   | 100.332  | ug/l   | 96       |
| 69) o-Xylene                   | 12.18 | 106  | 128372   | 50.330   | ug/l   | 100      |
| 70) Styrene                    | 12.20 | 104  | 227697   | 51.991   | ug/l   | 97       |
| 71) Bromoform                  | 12.36 | 173  | 51699    | 54.565   | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.48 | 105  | 362086   | 48.977   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.29 | 43   | 61168    | 45.810   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 45090    | 42.695   | ug/l   | 92       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 35551m   | 45.790   | ug/l   |          |
| 77) Bromobenzene               | 12.76 | 156  | 96180    | 51.257   | ug/l   | 96       |
| 78) n-propylbenzene            | 12.82 | 91   | 392920   | 46.353   | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 238140   | 49.188   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 316994   | 49.661   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 16613    | 45.421   | ug/l   | 88       |
| 82) 4-Chlorotoluene            | 13.00 | 91   | 252106   | 49.150   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 274438   | 49.499   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 323328   | 51.571   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.40 | 105  | 338378   | 46.582   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 340571   | 48.622   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 173614   | 49.566   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 175859   | 50.004   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.84 | 91   | 276739   | 44.772   | ug/l   | 99       |
| 90) Hexachloroethane           | 14.11 | 117  | 64714    | 46.770   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 161103   | 53.428   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 12991    | 58.649   | ug/l   | 82       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082720\  
Data File : VD066449.D  
Acq On : 27 Aug 2020 20:57  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

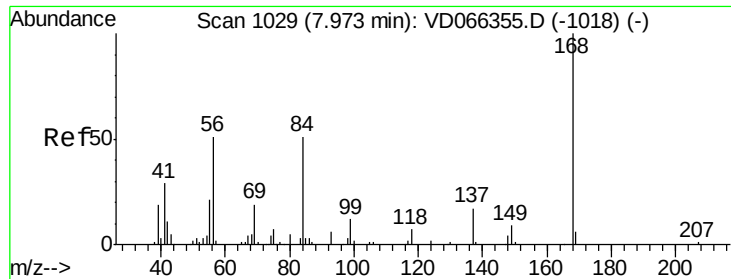
MMDadoda  
8/28/2020 3:19:03 PM

Quant Time: Aug 28 02:34:33 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D082120S.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 21 13:36:12 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 119155   | 50.618 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 70473    | 48.174 | ug/l  | 98       |
| 95) Naphthalene            | 15.41 | 128  | 201953   | 54.622 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 107835   | 53.475 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 146752

Ion Ratio Lower Upper

168 100

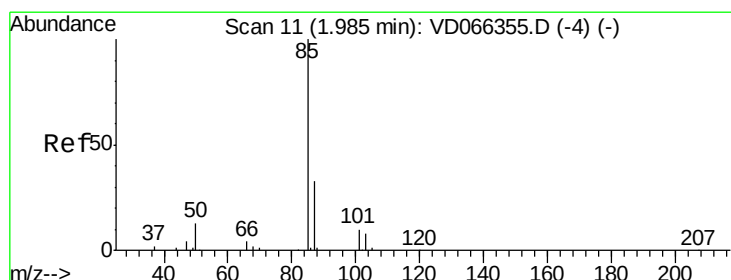
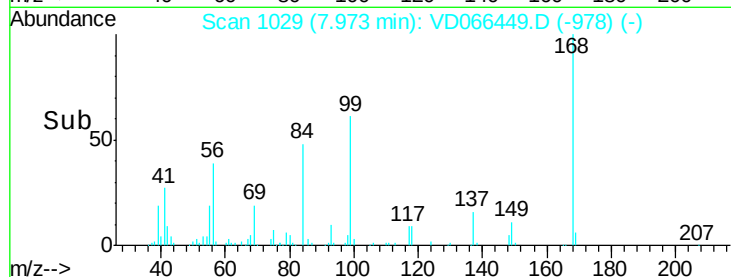
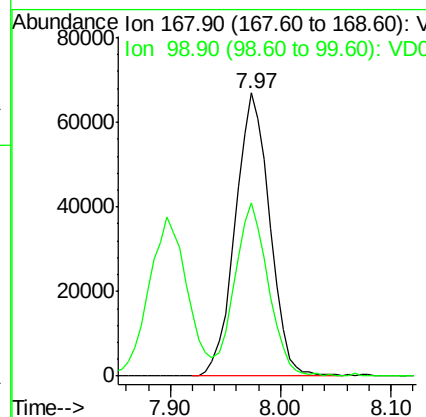
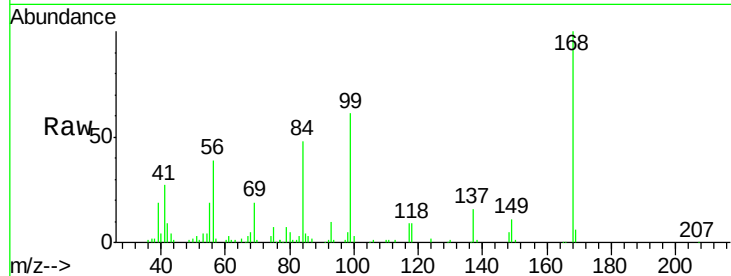
99 61.1 45.4 68.0

Manual Integrations

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8/28/2020 3:19:03 PM



#2

Dichlorodifluoromethane

Concen: 43.376 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066449.D

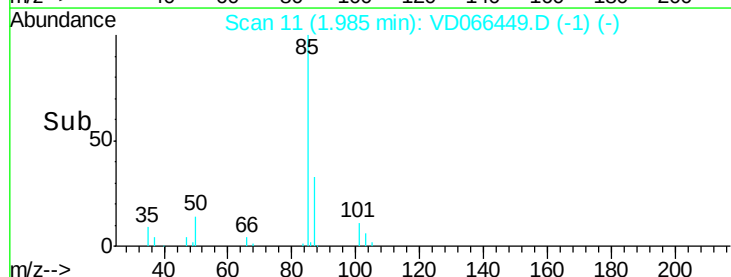
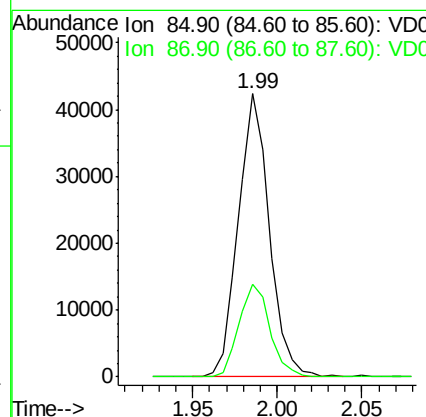
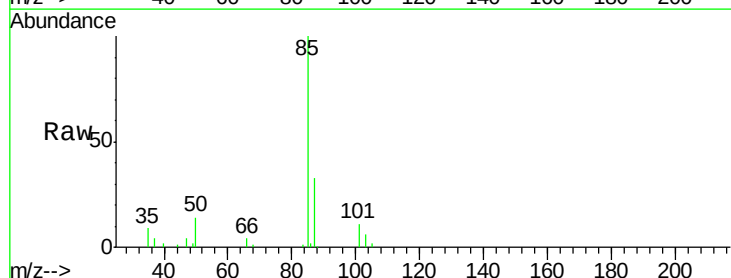
Acq: 27 Aug 2020 20:57

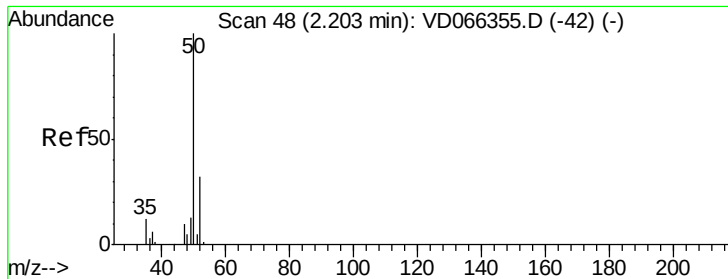
Tgt Ion: 85 Resp: 54116

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.4





#3

Chloromethane

Concen: 40.541 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 35852

Ion Ratio Lower Upper

50 100

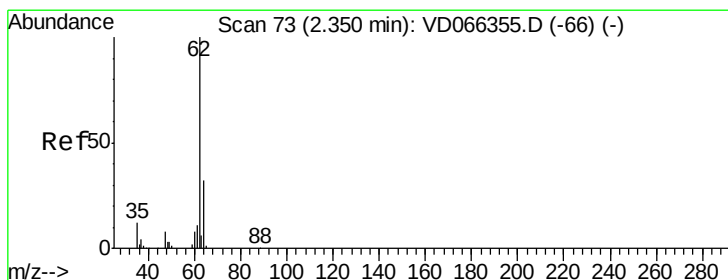
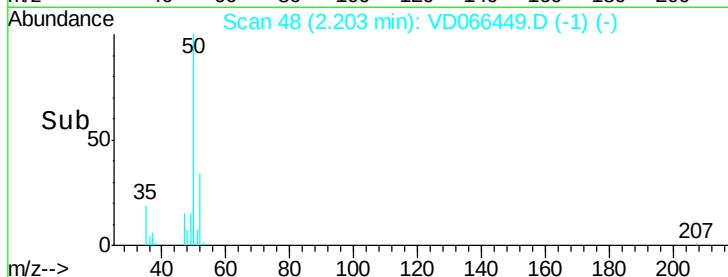
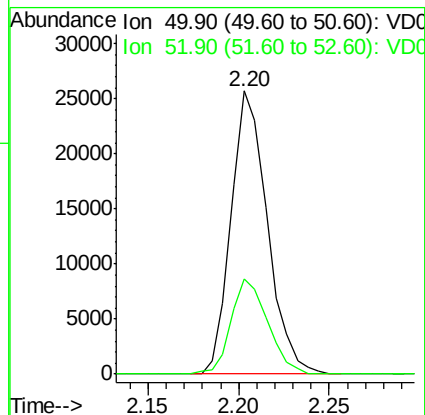
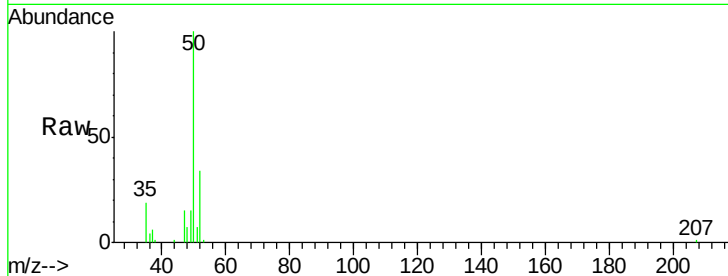
52 33.7 25.7 38.5

Manual Integrations

APPROVED

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8/28/2020 3:19:03 PM



#4

Vinyl Chloride

Concen: 45.356 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066449.D

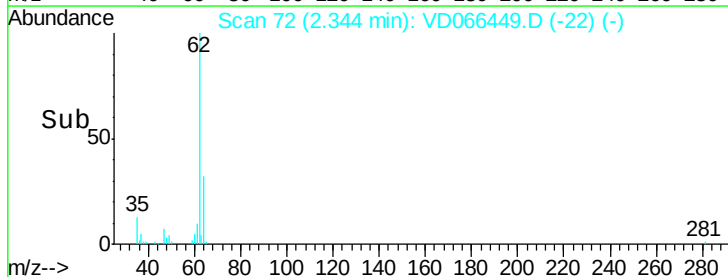
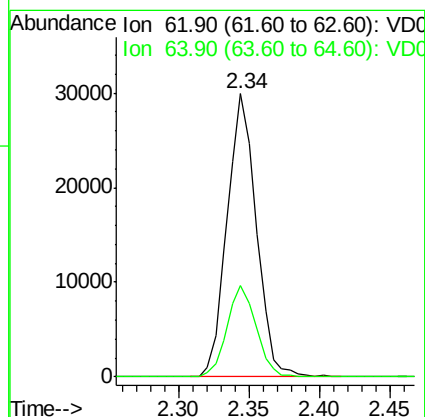
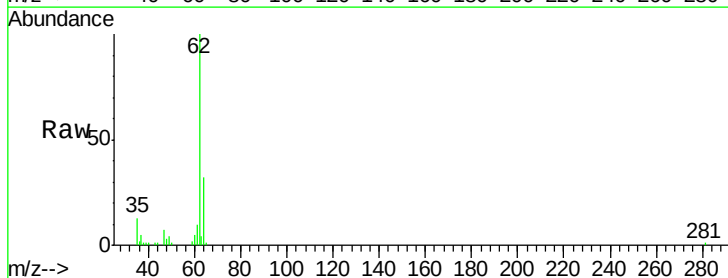
Acq: 27 Aug 2020 20:57

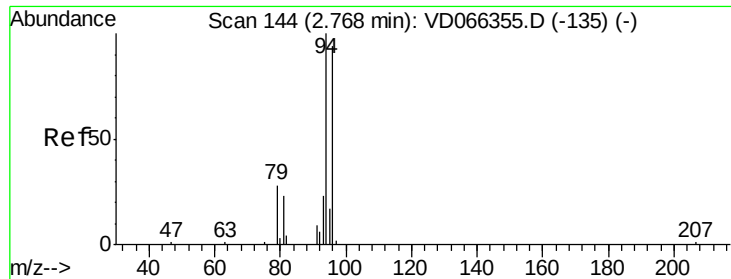
Tgt Ion: 62 Resp: 43066

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.2





#5

Bromomethane

Concen: 52.959 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 37612

Ion Ratio Lower Upper

94 100

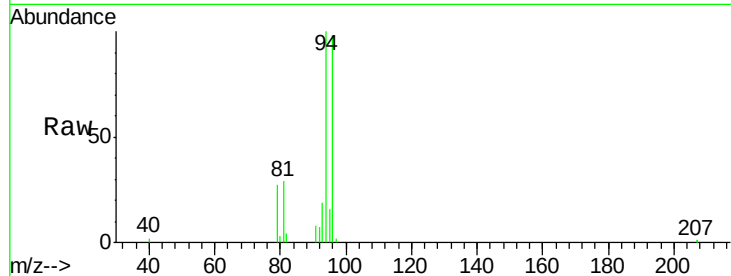
96 97.6 75.0 112.4

Manual Integrations

APPROVED

MMDadoda

8/28/2020 3:19:03 PM



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

20000

15000

10000

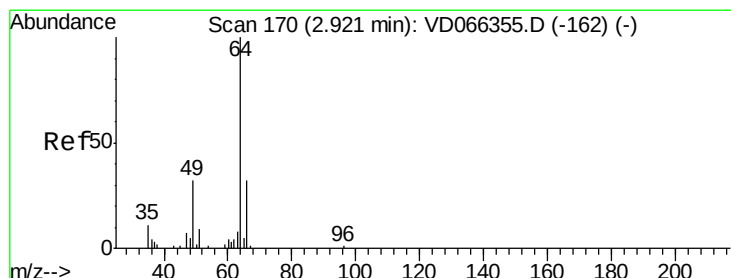
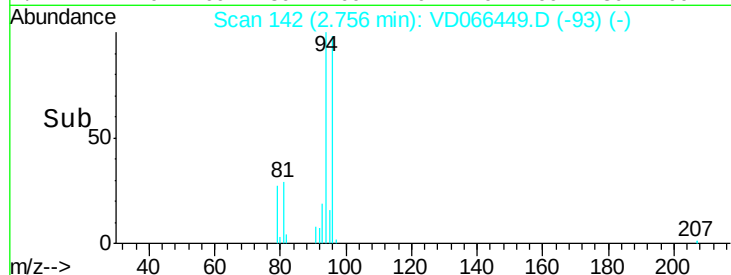
5000

0

Time-->

2.65 2.70 2.75 2.80 2.85

2.76



#6

Chloroethane

Concen: 50.205 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066449.D

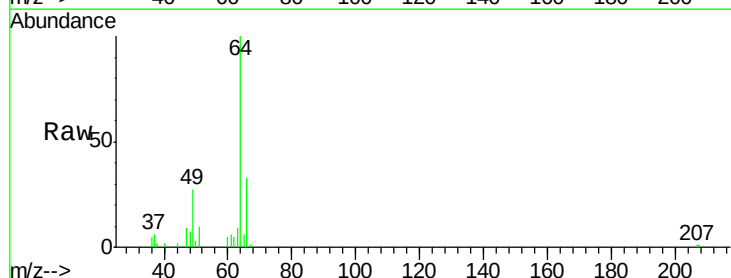
Acq: 27 Aug 2020 20:57

Tgt Ion: 64 Resp: 30524

Ion Ratio Lower Upper

64 100

66 32.6 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

15000

10000

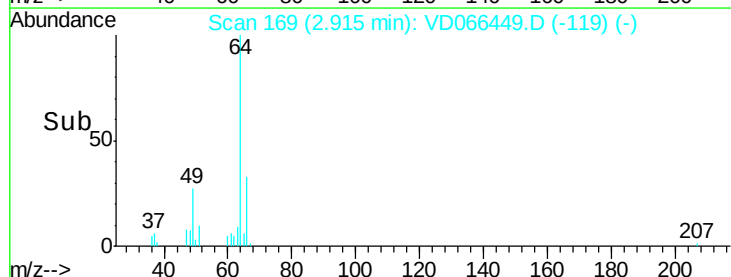
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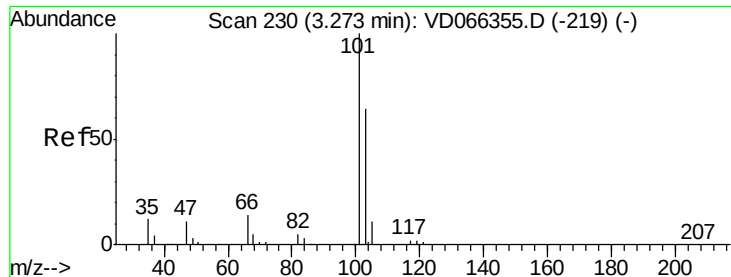
Time-->

2.85 2.90 2.95 3.00

2.91







#7

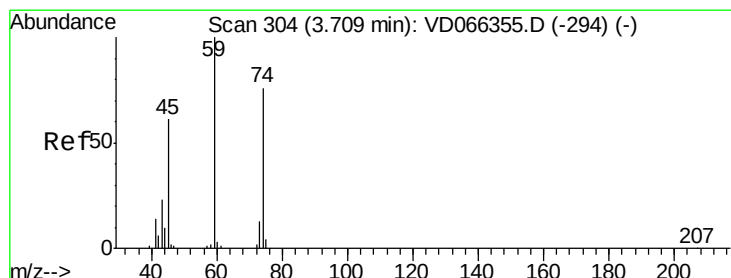
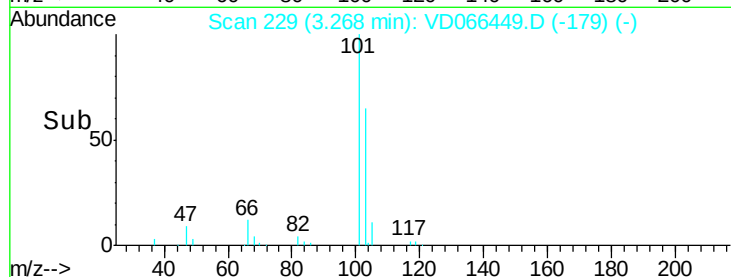
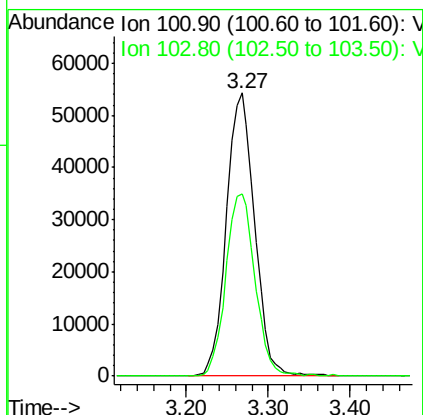
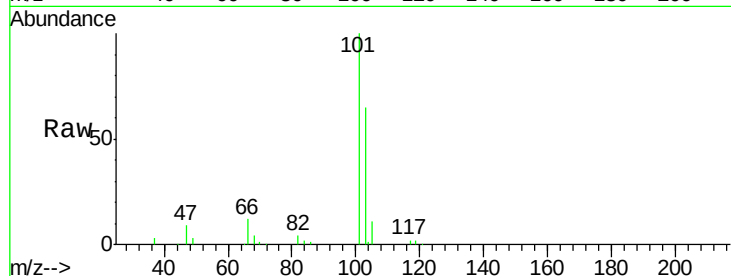
Trichlorofluoromethane  
 Concen: 50.580 ug/l  
 RT: 3.27 min Scan# 229  
 Delta R.T. -0.01 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.5  | 51.4  | 77.0  |

Manual Integrations  
 APPROVED

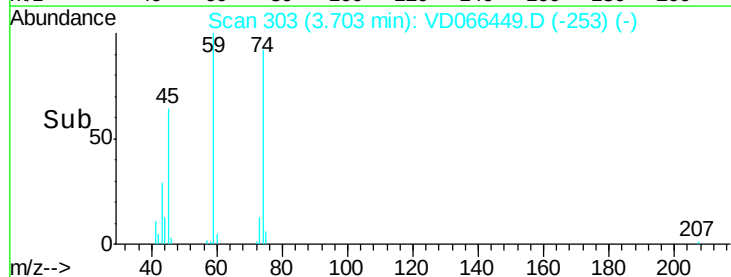
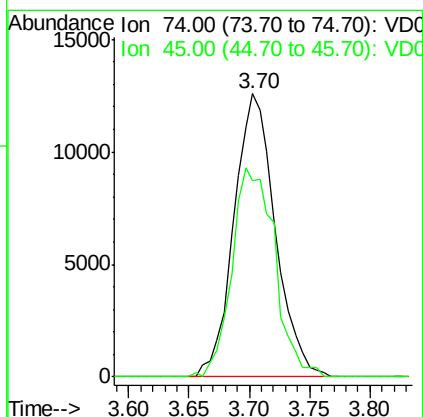
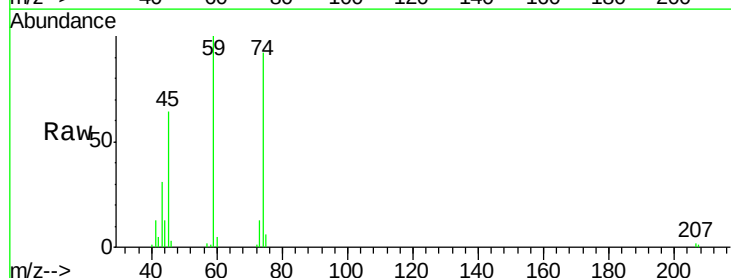
MMDadoda  
 8/28/2020 3:19:03 PM



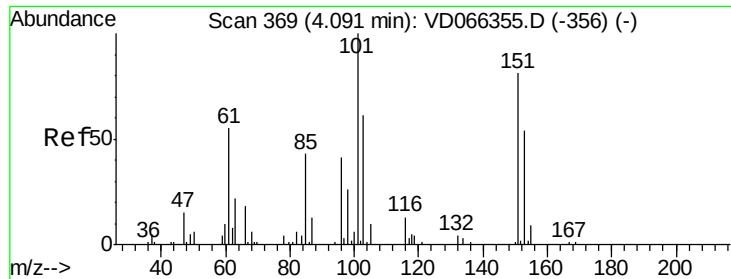
#8

Diethyl Ether  
 Concen: 51.751 ug/l  
 RT: 3.70 min Scan# 303  
 Delta R.T. -0.01 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 76.3  | 42.8  | 128.3 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.283 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Instrument :

MSVOA\_D

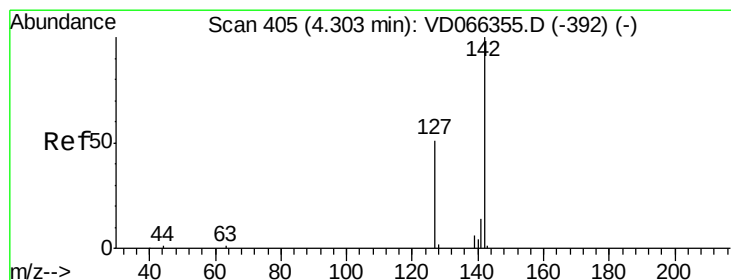
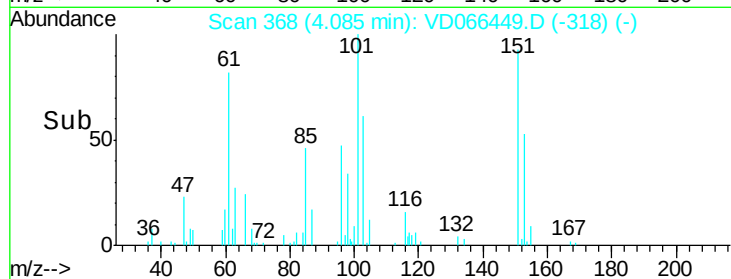
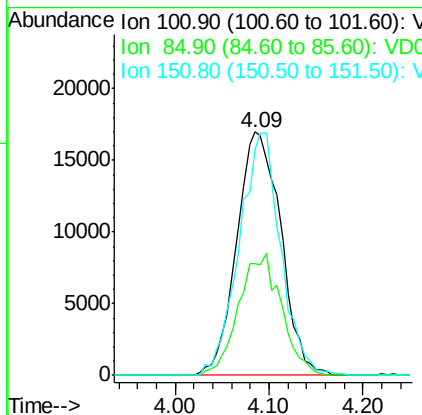
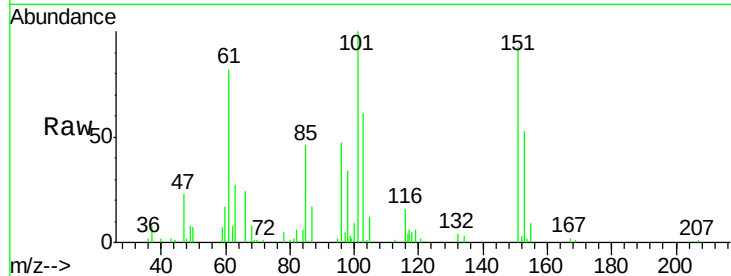
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 55151 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 48.3  | 36.4  | 54.6  |
| 151       | 93.9  | 70.5  | 105.7 |

Manual Integrations  
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#10

Methyl Iodide

Concen: 43.600 ug/l

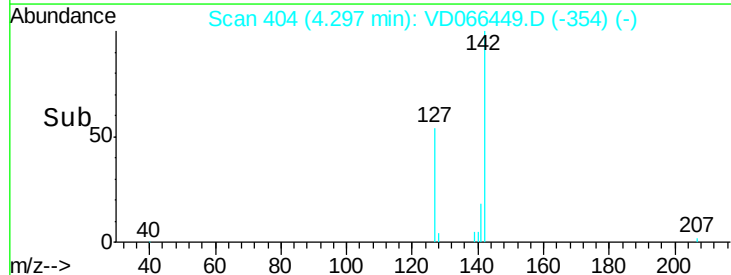
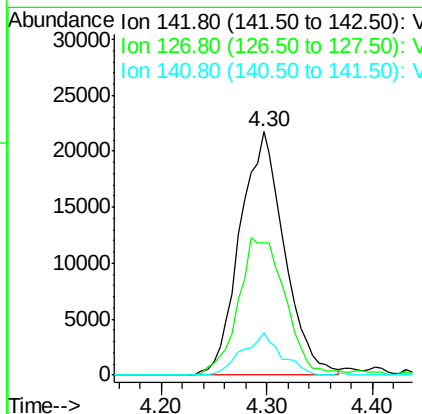
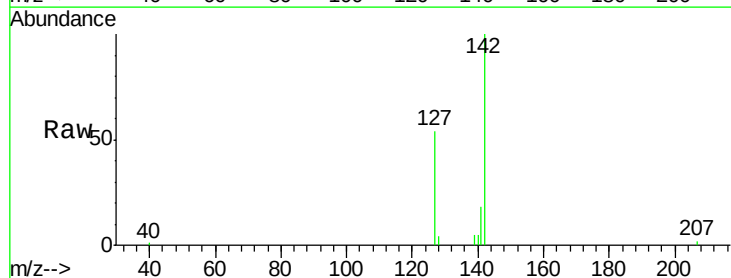
RT: 4.30 min Scan# 404

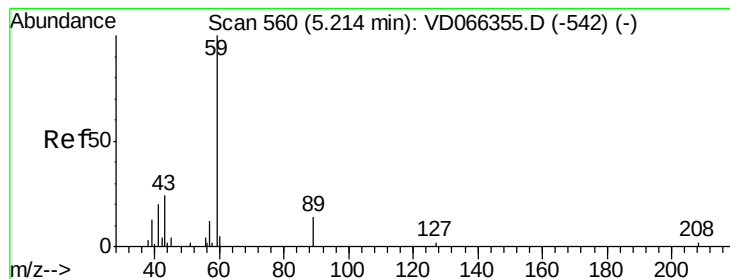
Delta R.T. -0.01 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 63364 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 59.5  | 41.8  | 62.8  |
| 141       | 15.2  | 11.8  | 17.6  |





#11

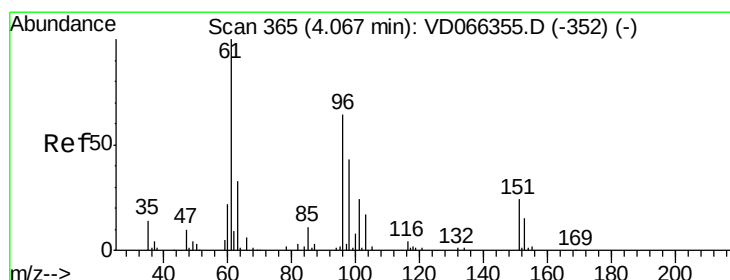
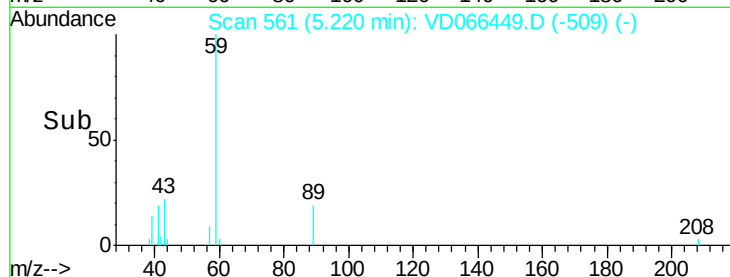
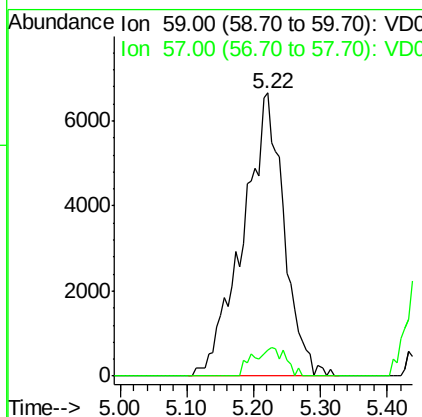
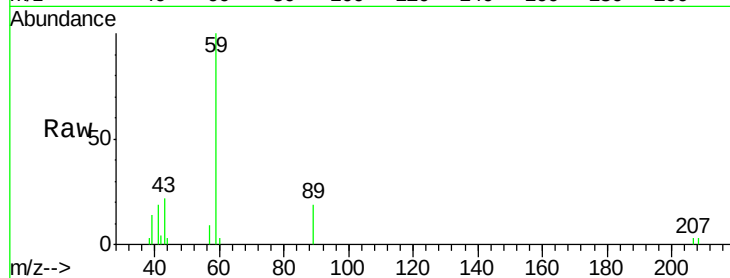
Tert butyl alcohol  
Concen: 361.791 ug/l  
RT: 5.22 min Scan# 561  
Delta R.T. 0.01 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 8.0   | 9.0   | 13.4# |

Manual Integrations  
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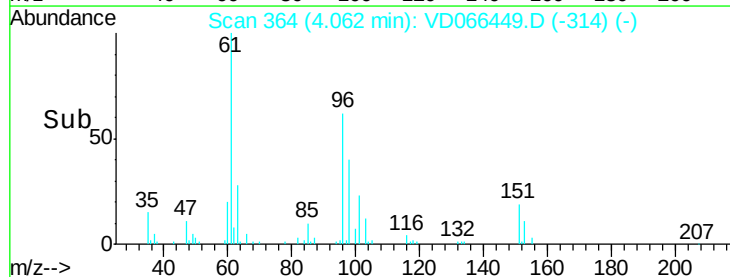
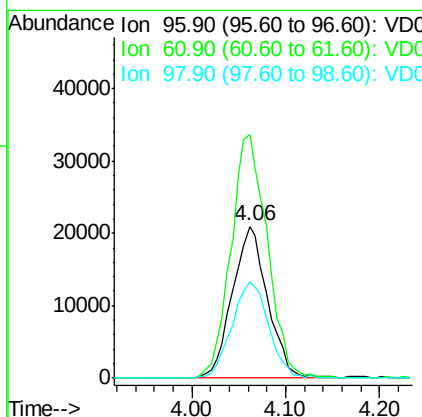
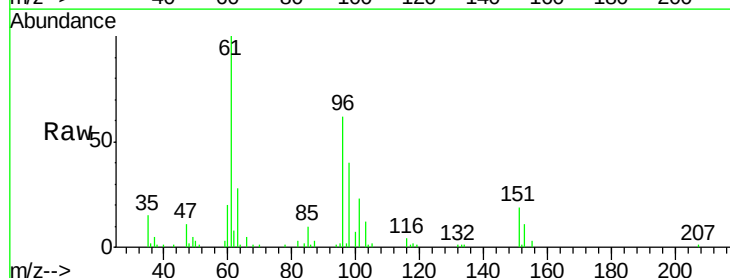
MMDadoda  
8/28/2020 3:19:03 PM

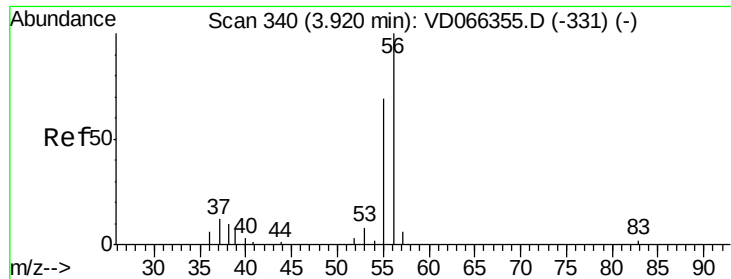


#12

1,1-Dichloroethene  
Concen: 45.532 ug/l  
RT: 4.06 min Scan# 364  
Delta R.T. -0.01 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 160.4 | 124.3 | 186.5 |
| 98      | 63.8  | 53.2  | 79.8  |





#13

Acrolein

Concen: 166.772 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 10655

Ion Ratio Lower Upper

56 100

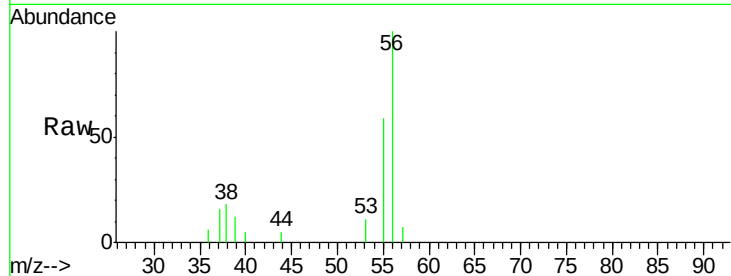
55 71.7 55.5 83.3

Manual Integrations

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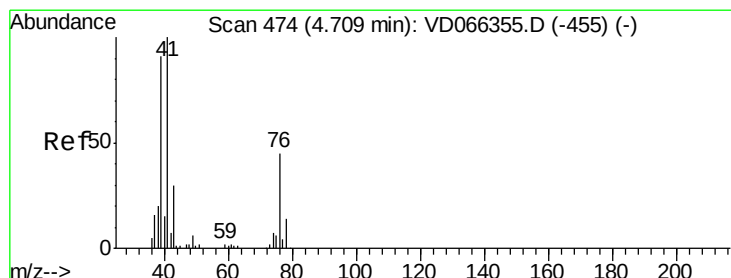
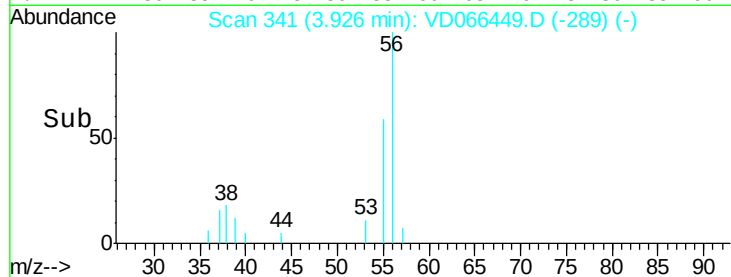
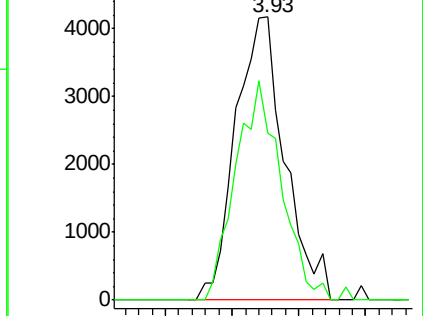
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 43.705 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

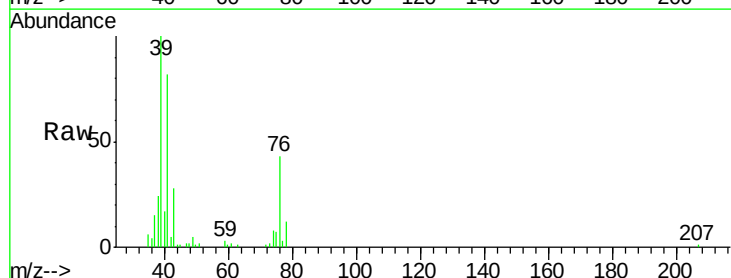
Tgt Ion: 41 Resp: 69774

Ion Ratio Lower Upper

41 100

39 112.3 72.8 109.2#

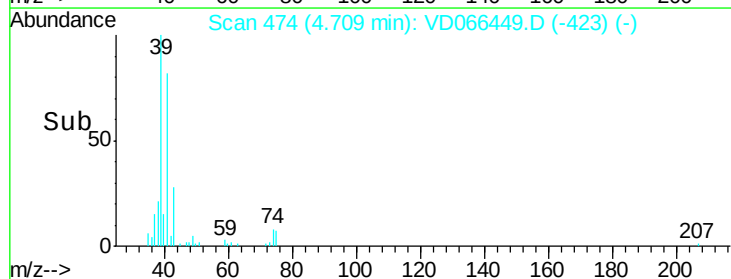
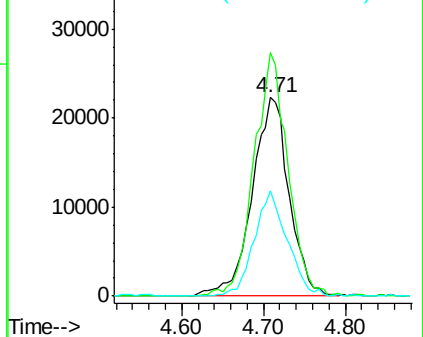
76 47.4 34.0 51.0

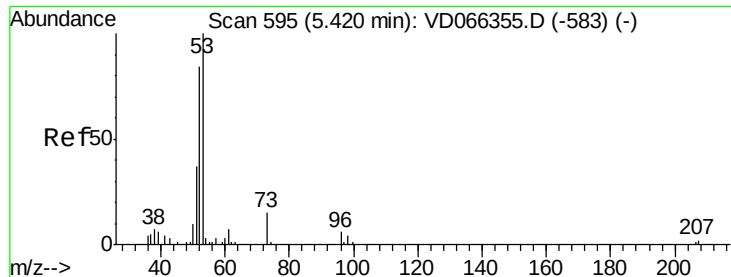


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 254.502 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Instrument :

MSVOA\_D

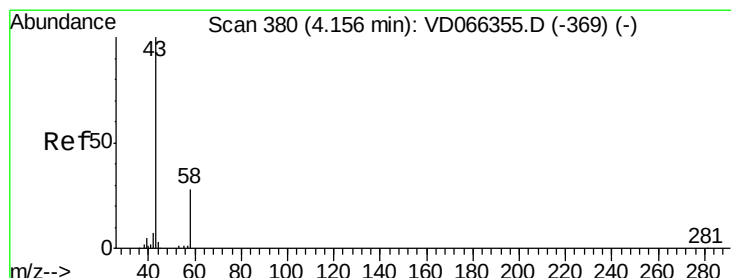
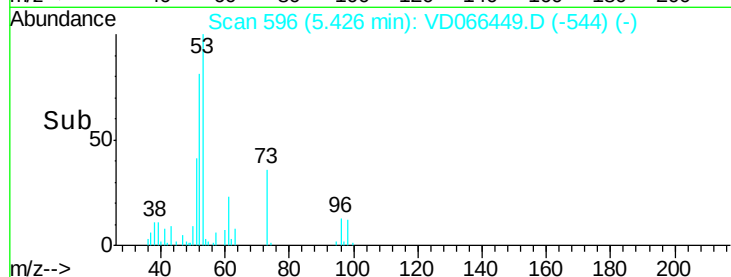
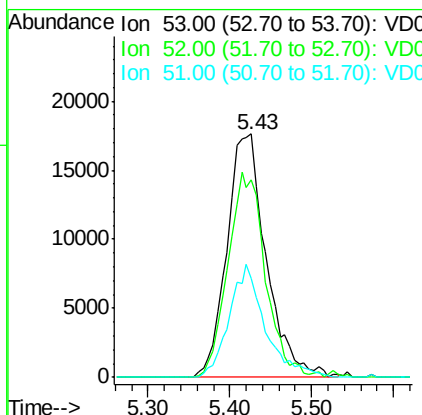
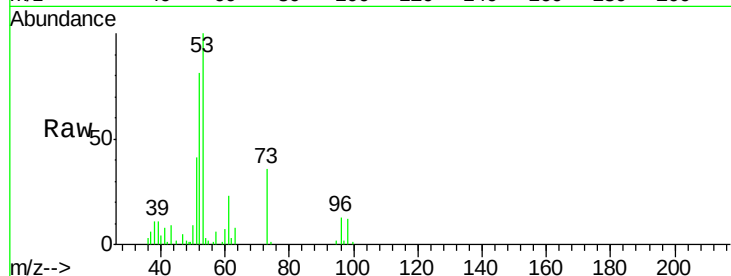
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 59072 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 80.2  | 68.1  | 102.1 |
| 51       | 42.3  | 33.8  | 50.6  |

Manual Integrations  
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#16

Acetone

Concen: 204.477 ug/l

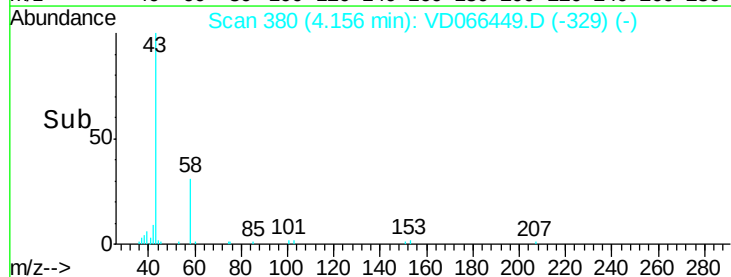
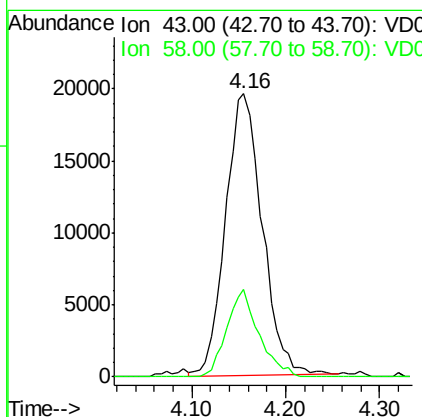
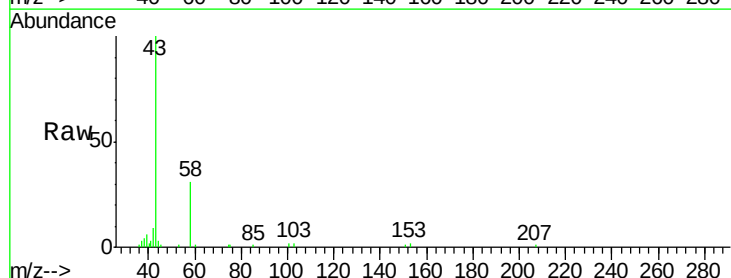
RT: 4.16 min Scan# 380

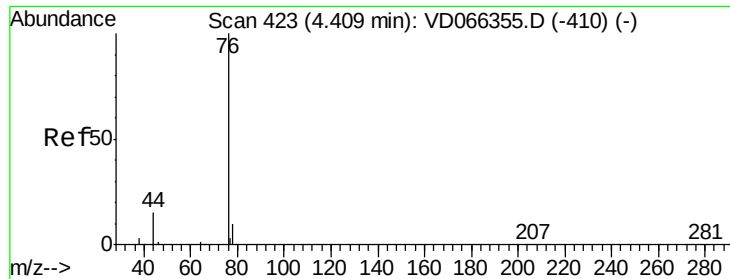
Delta R.T. 0.00 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 53038 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.4  | 22.7  | 34.1  |





#17

Carbon Disulfide

Concen: 44.244 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 160378

Ion Ratio Lower Upper

76 100

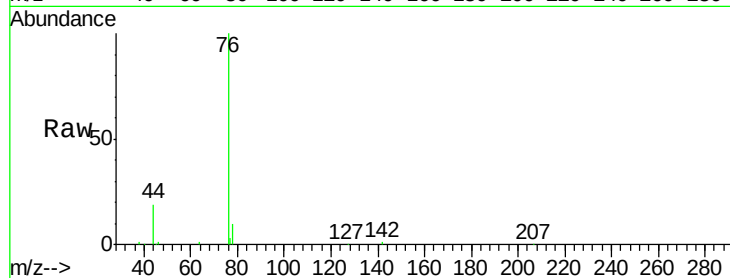
78 9.5 7.7 11.5

Manual Integrations

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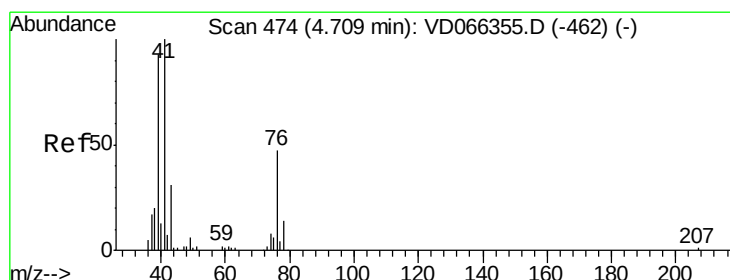
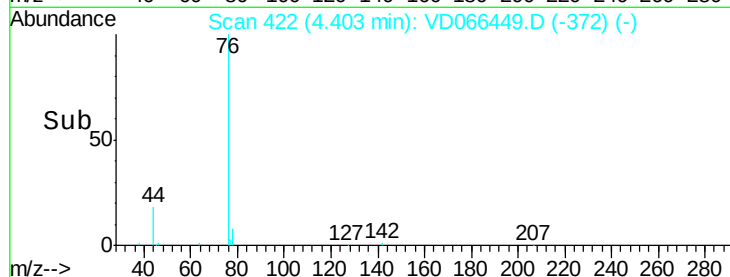
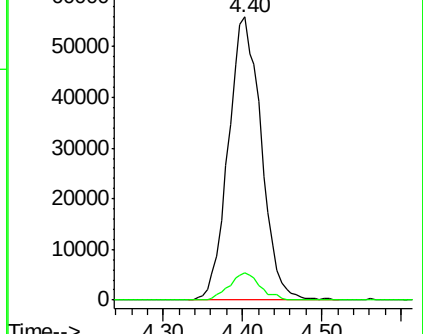
MMDadoda

8/28/2020 3:19:03 PM



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 51.624 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066449.D

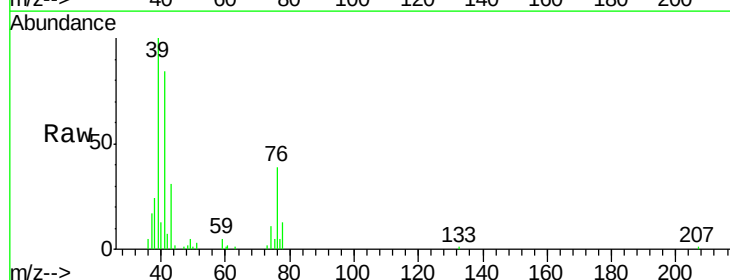
Acq: 27 Aug 2020 20:57

Tgt Ion: 43 Resp: 25132

Ion Ratio Lower Upper

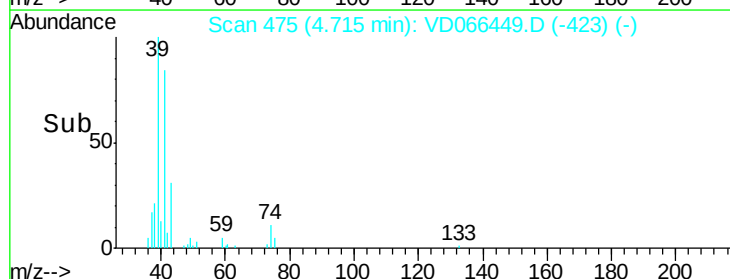
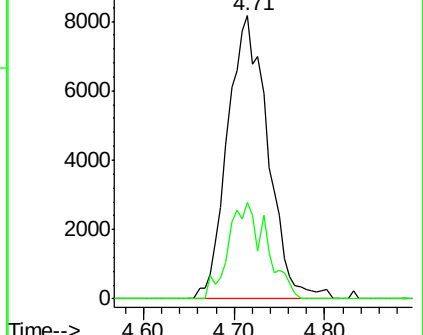
43 100

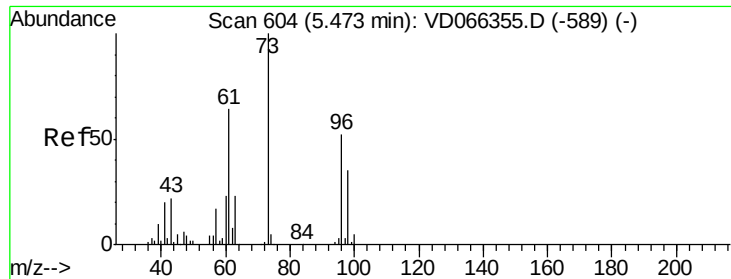
74 32.5 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





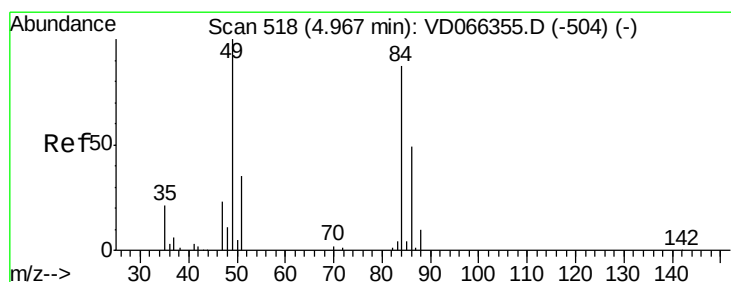
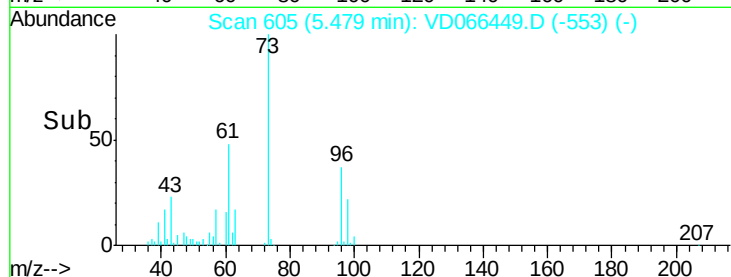
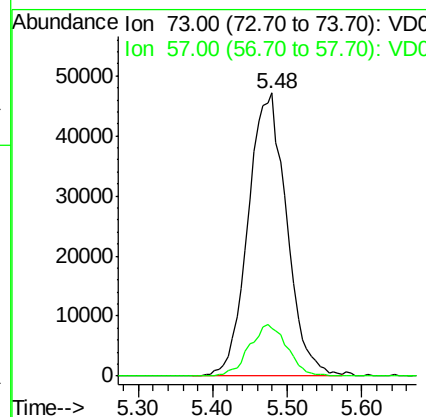
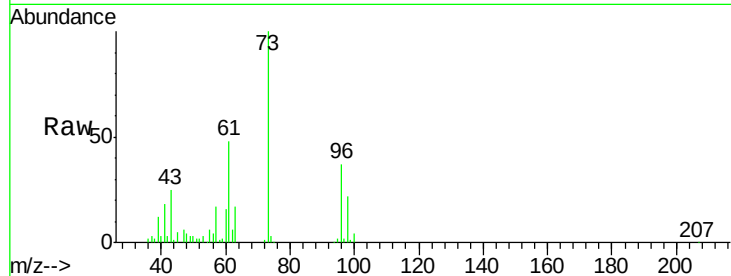
#19  
Methyl tert-butyl Ether  
Concen: 58.634 ug/l  
RT: 5.48 min Scan# 605  
Delta R.T. 0.01 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 168867  
Ion Ratio Lower Upper  
73 100  
57 16.8 13.8 20.6

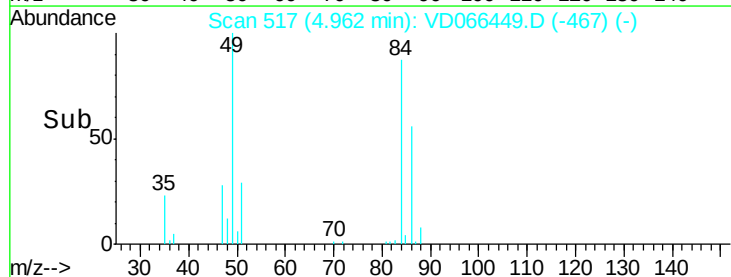
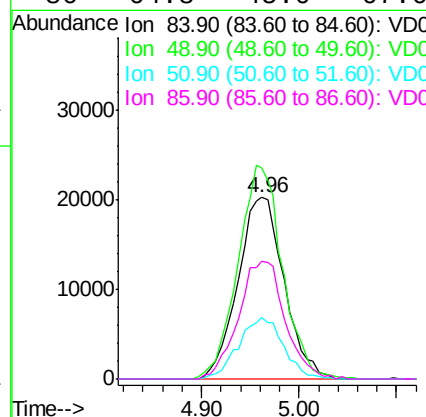
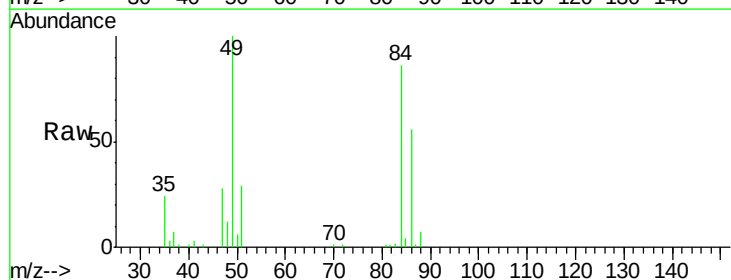
Manual Integrations  
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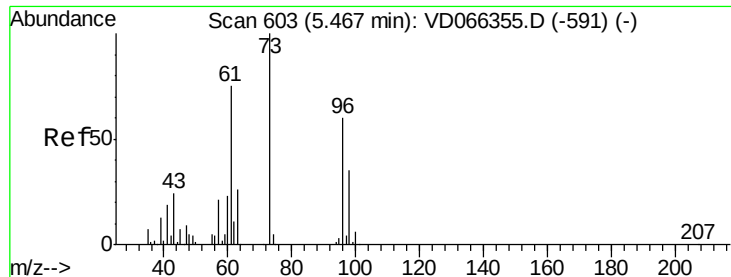
MMDadoda  
8/28/2020 3:19:03 PM



#20  
Methylene Chloride  
Concen: 47.988 ug/l  
RT: 4.96 min Scan# 517  
Delta R.T. -0.01 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

Tgt Ion: 84 Resp: 66868  
Ion Ratio Lower Upper  
84 100  
49 116.6 92.5 138.7  
51 33.7 32.5 48.7  
86 64.8 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 47.958 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Instrument :

MSVOA\_D

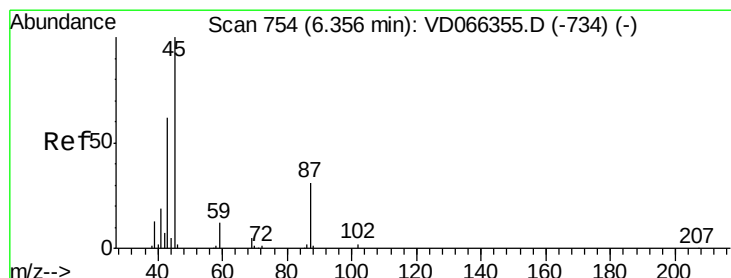
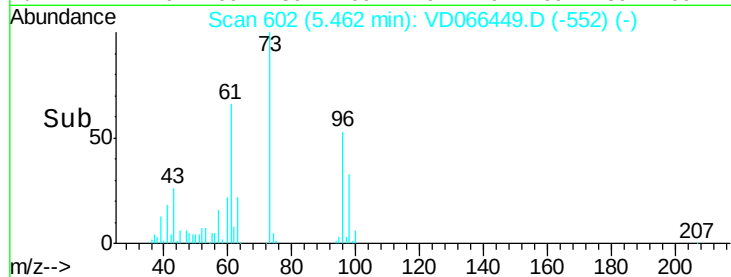
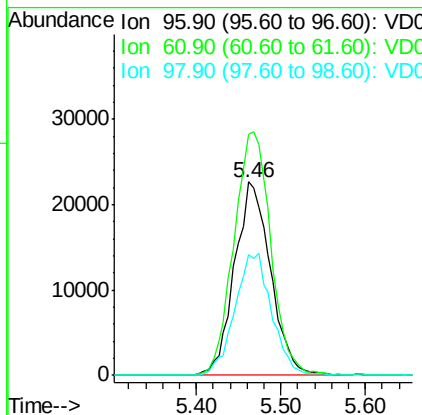
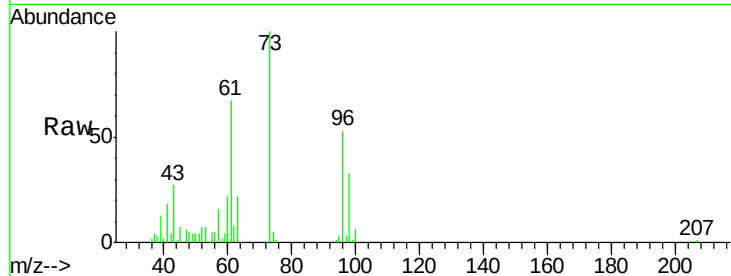
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 66772 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 124.7 | 101.1 | 151.7 |
| 98       | 62.7  | 47.0  | 70.6  |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 46.754 ug/l

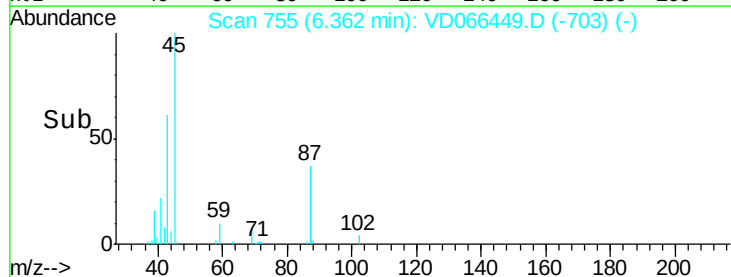
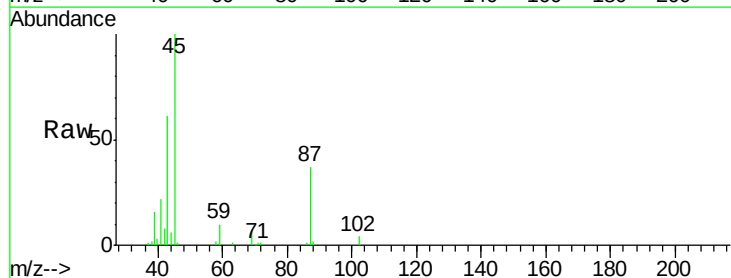
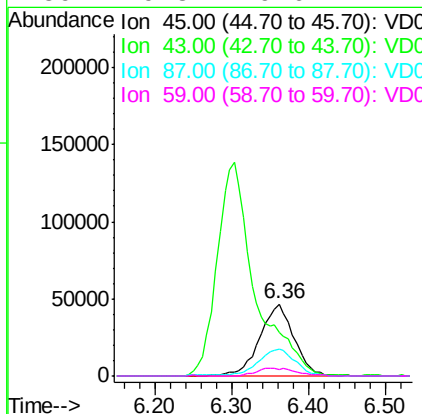
RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

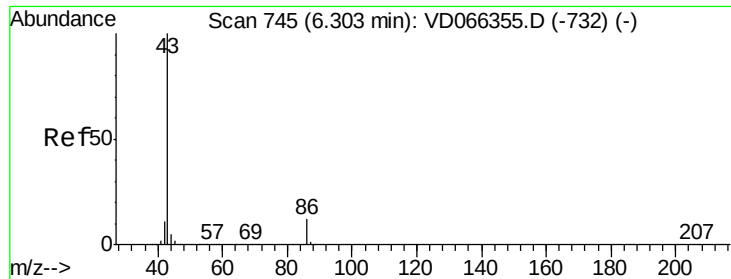
Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 144515 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 60.0  | 49.8  | 74.8   |
| 87       | 37.3  | 25.0  | 37.6   |
| 59       | 9.8   | 9.6   | 14.4   |







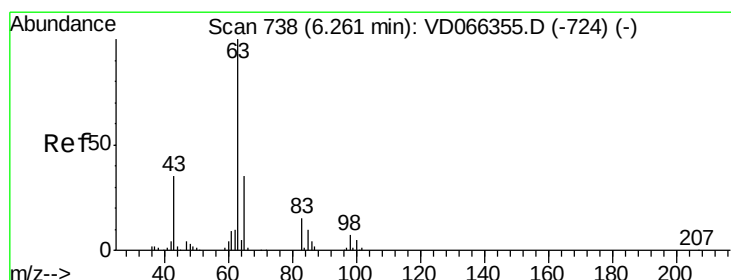
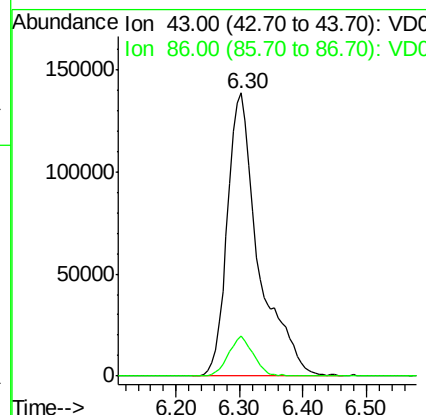
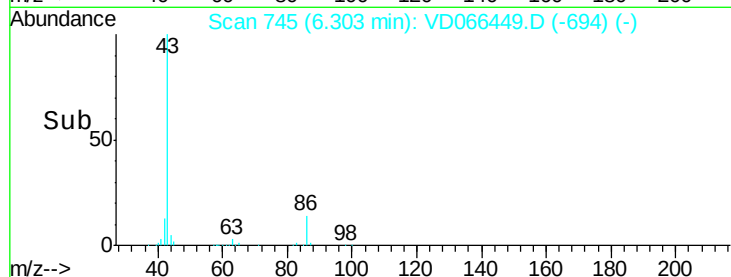
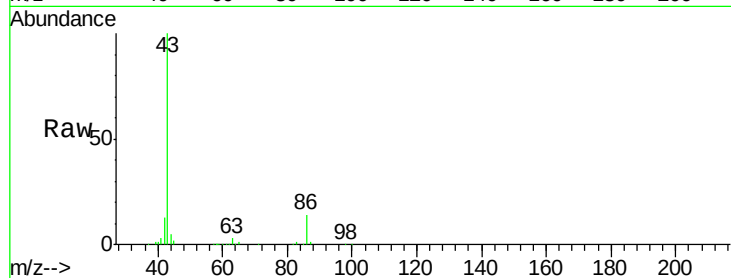
#23  
 Vinyl Acetate  
 Concen: 247.516 ug/l  
 RT: 6.30 min Scan# 745  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 86      | 14.3  | 9.4   | 14.0# |

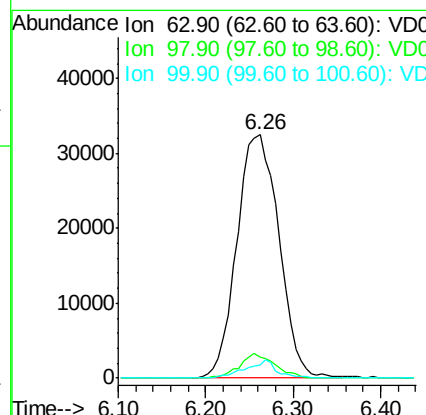
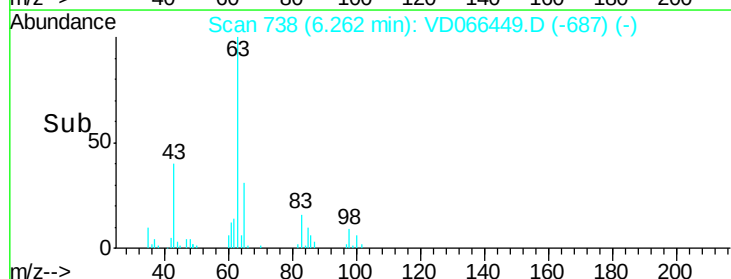
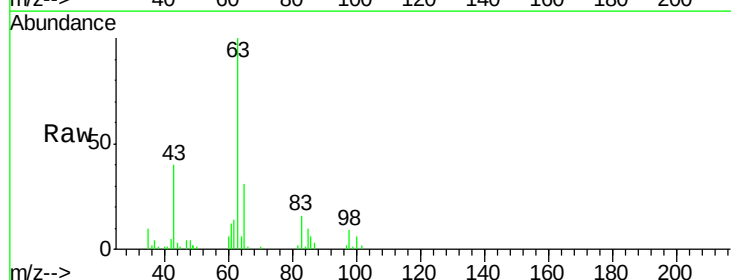
Manual Integrations  
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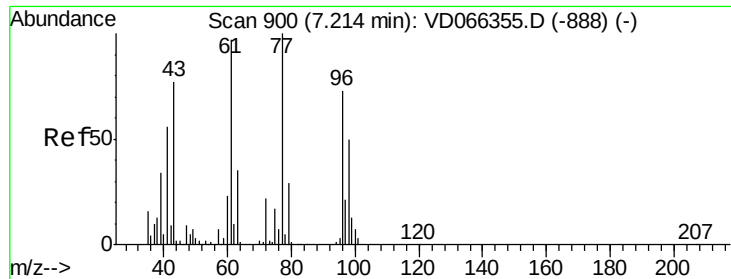
MMDadoda  
 8/28/2020 3:19:03 PM



#24  
 1,1-Dichloroethane  
 Concen: 48.603 ug/l  
 RT: 6.26 min Scan# 738  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 98      | 8.8   | 3.5   | 10.6  |
| 100     | 5.7   | 2.5   | 7.6   |





#25

2-Butanone

Concen: 239.207 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 70438

Ion Ratio Lower Upper

43 100

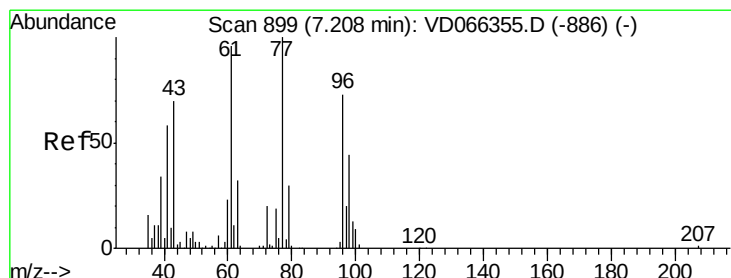
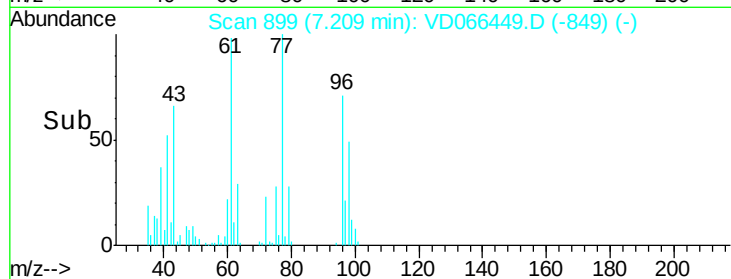
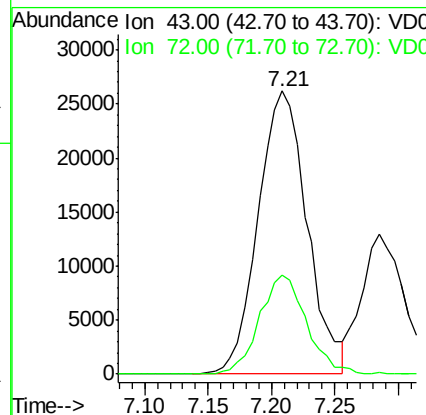
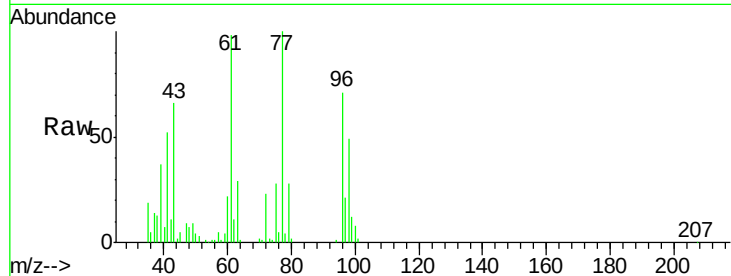
72 34.8 22.5 33.7#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.247 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066449.D

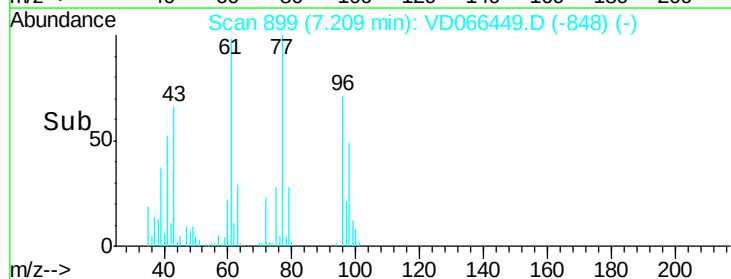
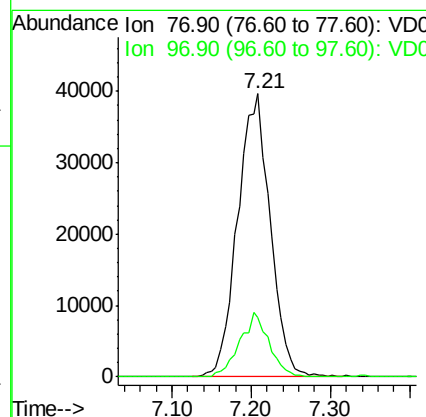
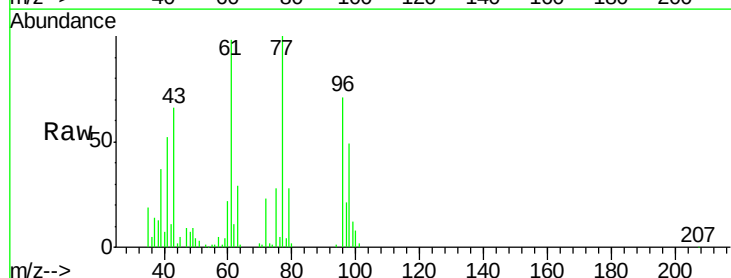
Acq: 27 Aug 2020 20:57

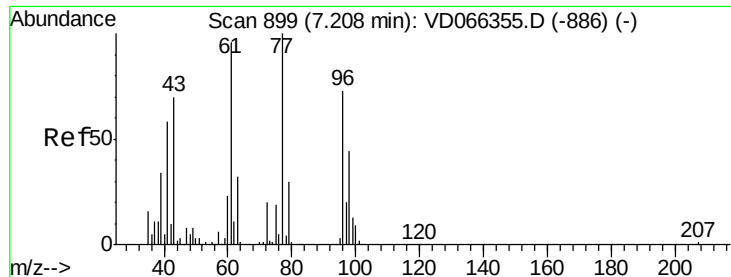
Tgt Ion: 77 Resp: 112951

Ion Ratio Lower Upper

77 100

97 20.3 10.7 31.9





#27

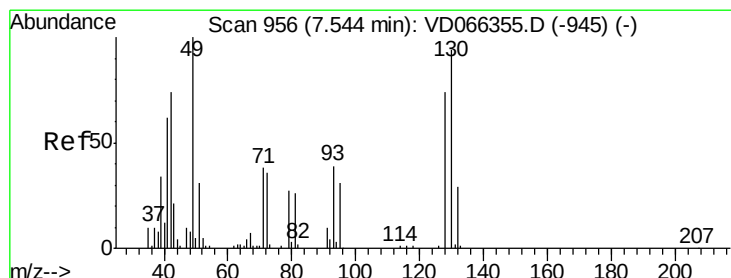
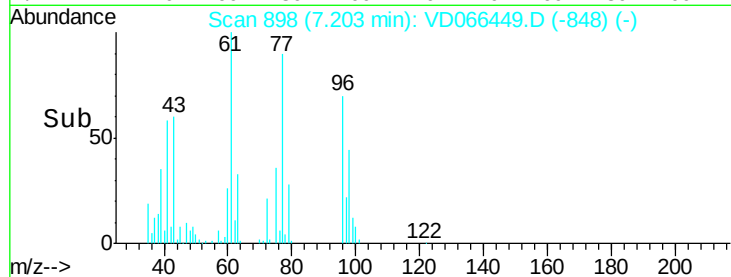
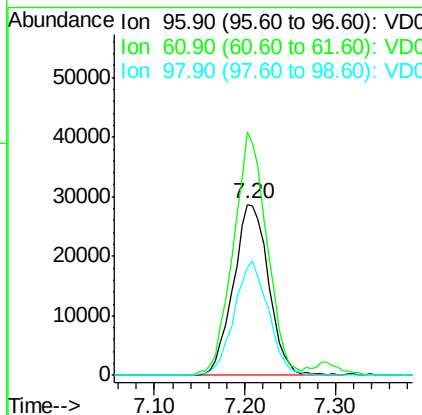
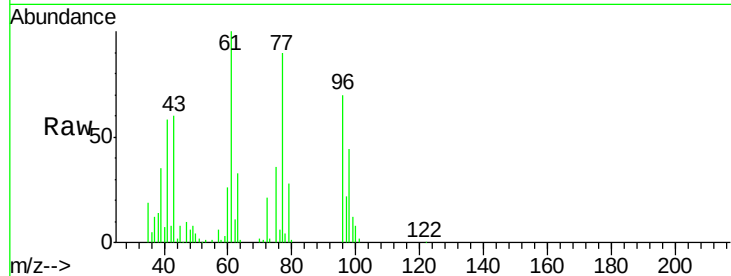
cis-1,2-Dichloroethene  
 Concen: 51.891 ug/l  
 RT: 7.20 min Scan# 898  
 Delta R.T. -0.01 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 136.0 | 0.0   | 281.4 |
| 98      | 65.0  | 0.0   | 132.2 |

Manual Integrations  
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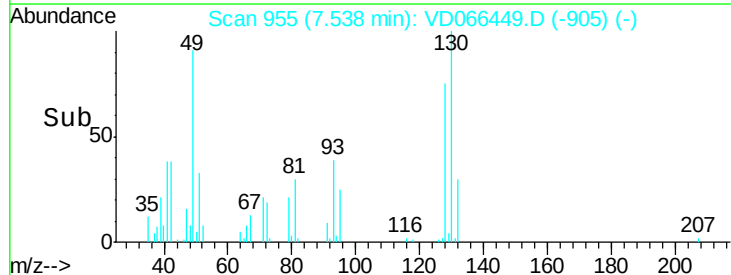
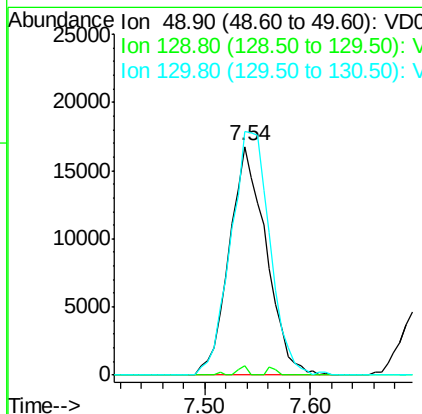
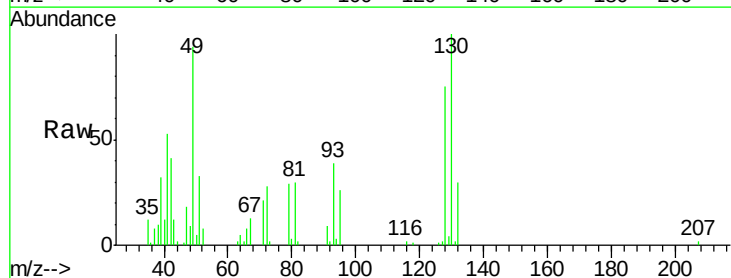
MMDadoda  
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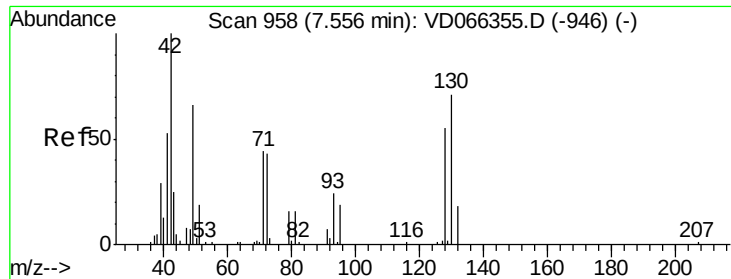


#28

Bromochloromethane  
 Concen: 54.003 ug/l  
 RT: 7.54 min Scan# 955  
 Delta R.T. -0.01 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 0.9   | 0.0   | 3.0   |
| 130     | 112.9 | 82.6  | 124.0 |





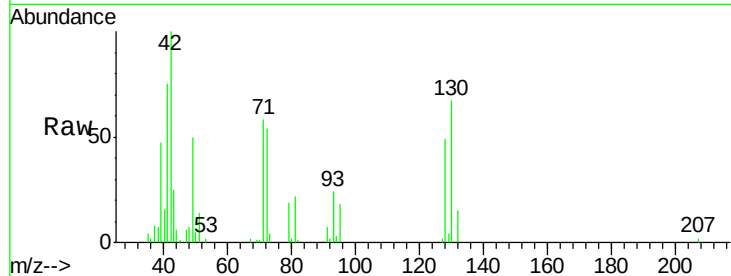
#29  
Tetrahydrofuran  
Concen: 232.308 ug/l  
RT: 7.56 min Scan# 959  
Delta R.T. 0.01 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

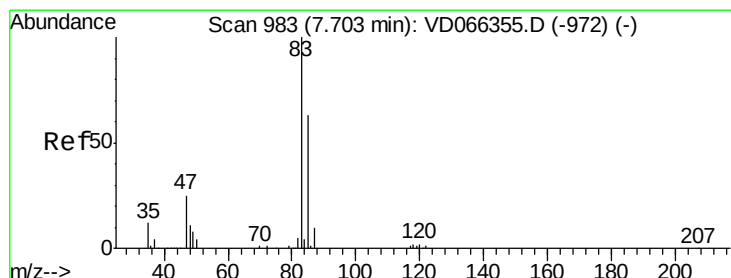
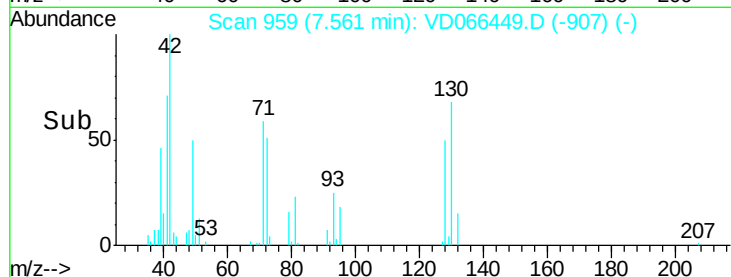
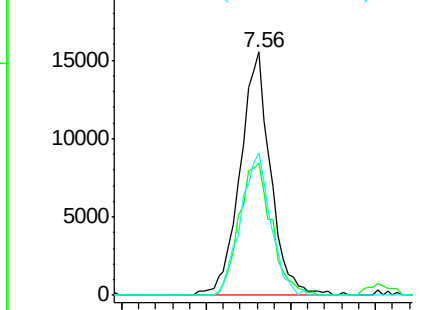
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 57.6  | 41.0  | 61.4  |
| 71      | 57.5  | 37.2  | 55.8  |

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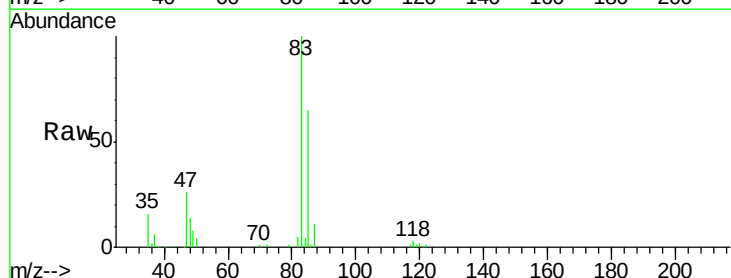


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

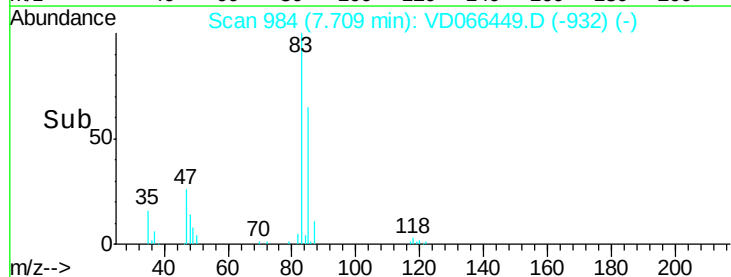
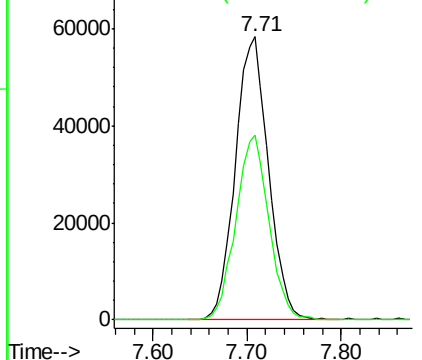


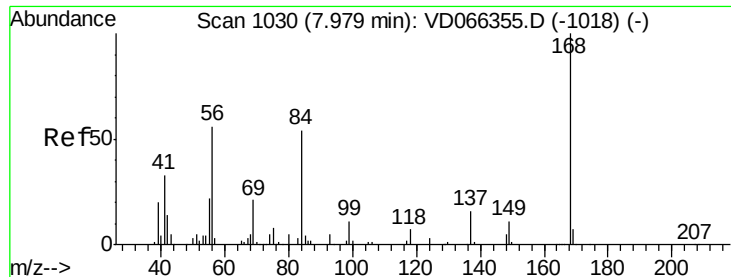
#30  
Chloroform  
Concen: 56.375 ug/l  
RT: 7.71 min Scan# 984  
Delta R.T. 0.01 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.5  | 50.3  | 75.5  |



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





#31

Cyclohexane

Concen: 35.716 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Instrument :

MSVOA\_D

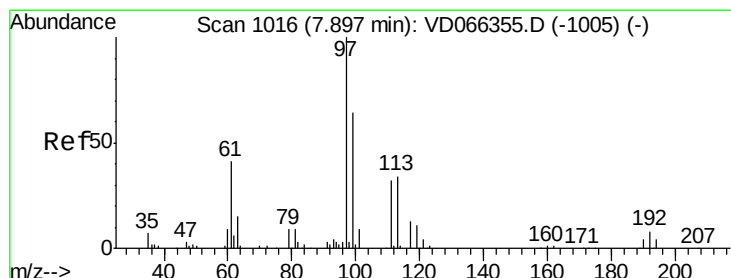
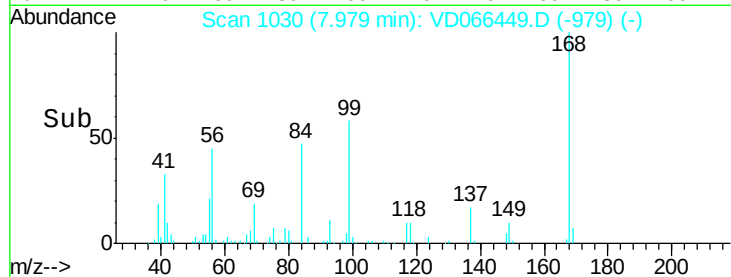
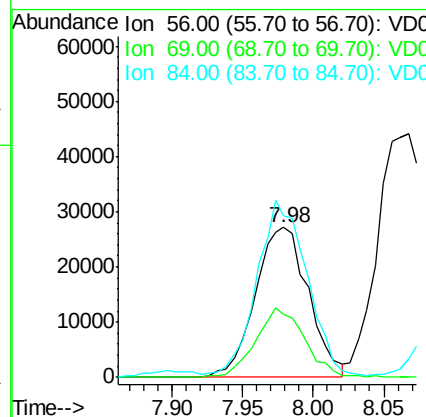
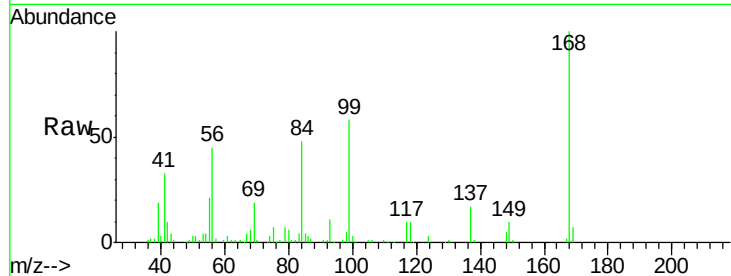
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 56    | Resp: | 71350 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 42.5  | 29.6  | 44.4  |
| 84       | 105.1 | 76.6  | 115.0 |

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#32

1,1,1-Trichloroethane

Concen: 56.345 ug/l

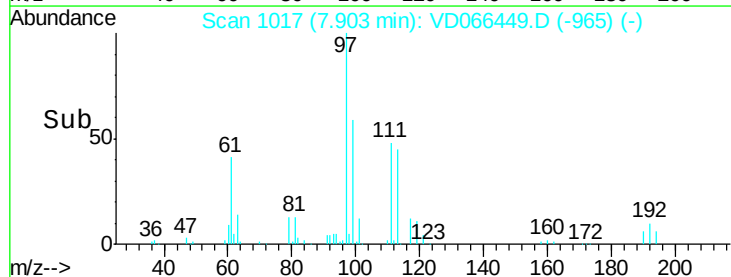
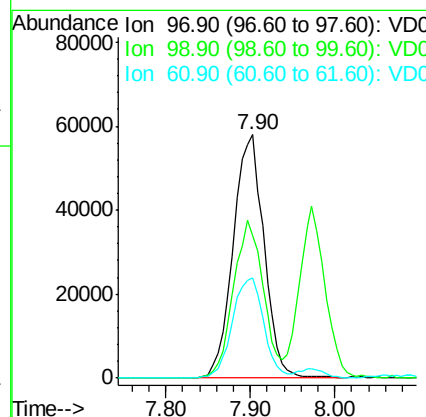
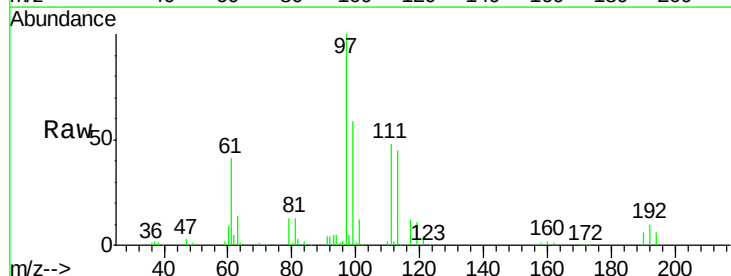
RT: 7.90 min Scan# 1017

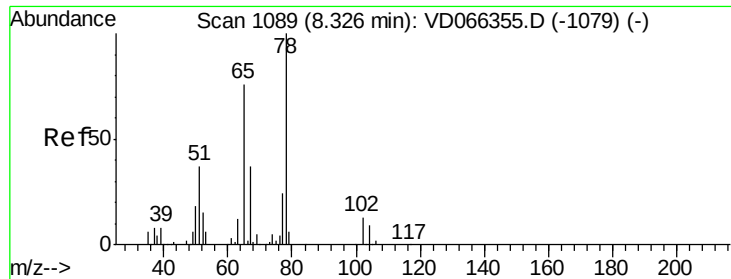
Delta R.T. 0.01 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 145736 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 63.2  | 51.5  | 77.3   |
| 61       | 41.8  | 33.3  | 49.9   |





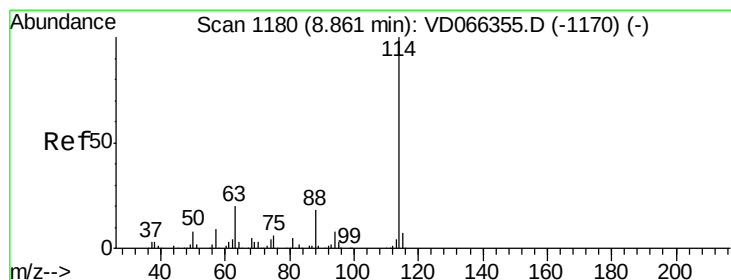
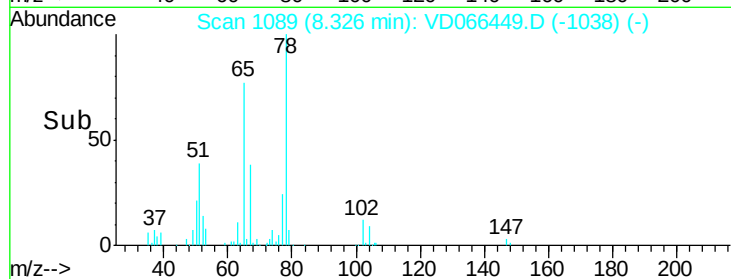
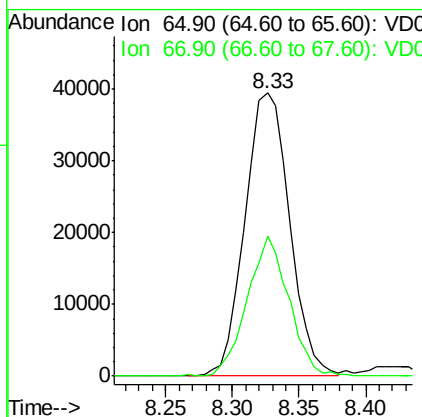
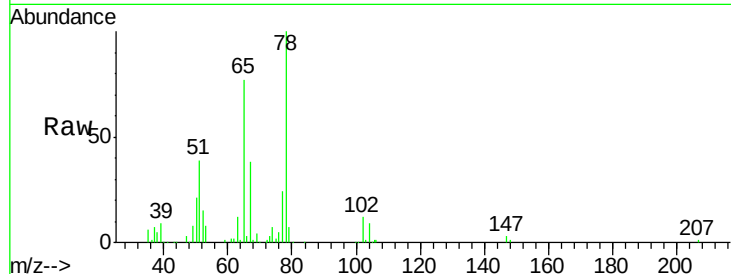
#33  
 1,2-Dichloroethane-d4  
 Concen: 63.586 ug/l  
 RT: 8.33 min Scan# 1089  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 45.8  | 0.0   | 101.6 |

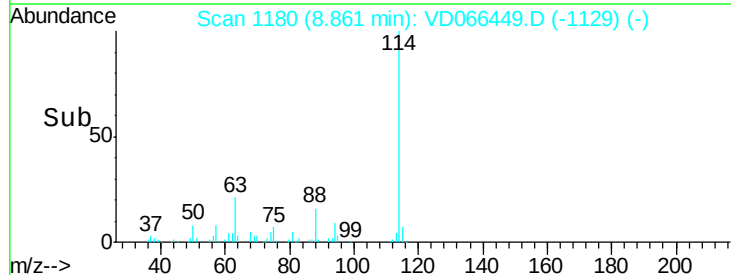
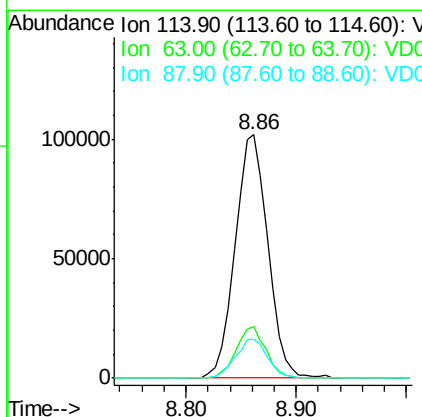
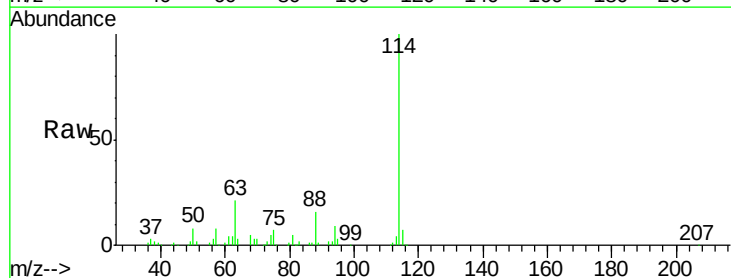
Manual Integrations  
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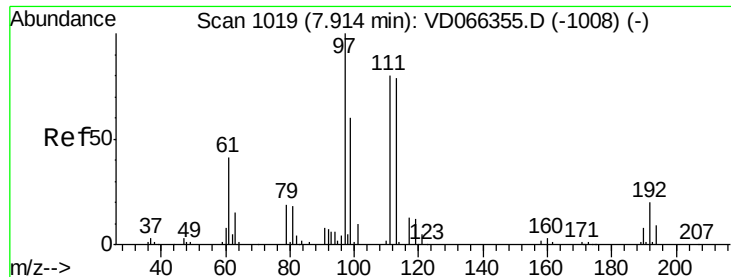
MMDadoda  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.86 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 21.3  | 0.0   | 40.8  |
| 88      | 15.7  | 0.0   | 35.4  |





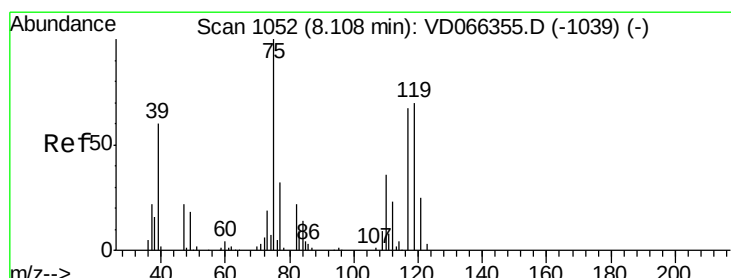
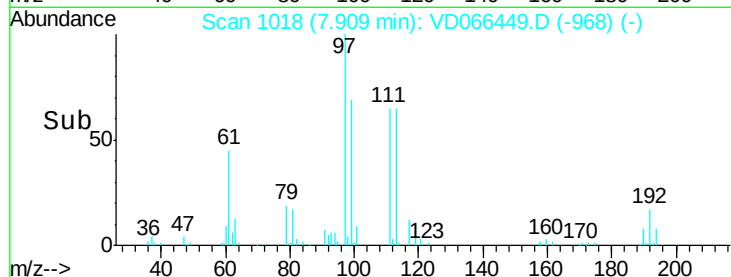
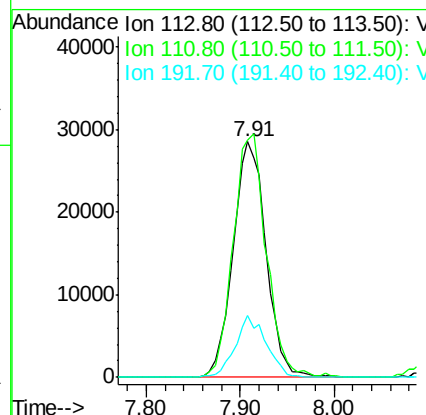
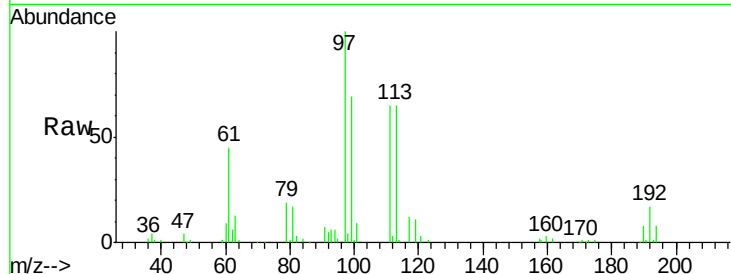
#35  
 Dibromofluoromethane  
 Concen: 52.445 ug/l  
 RT: 7.91 min Scan# 1018  
 Delta R.T. -0.01 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 69509 |       |       |
| 111     | 103.4 | 80.3  | 120.5 |       |
| 192     | 24.6  | 19.0  | 28.6  |       |

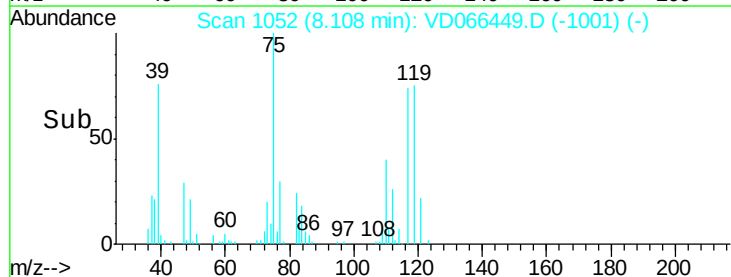
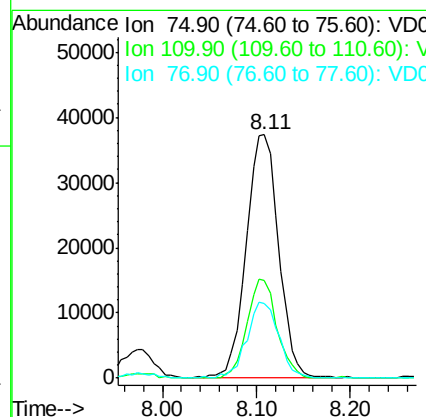
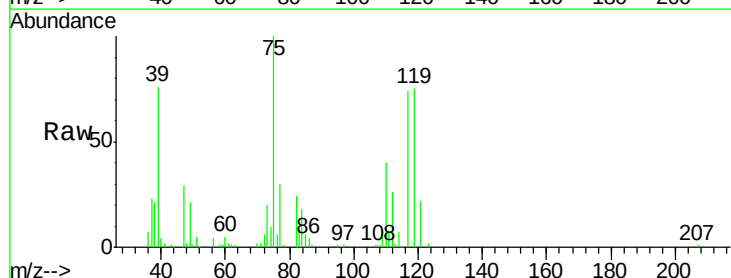
Manual Integrations  
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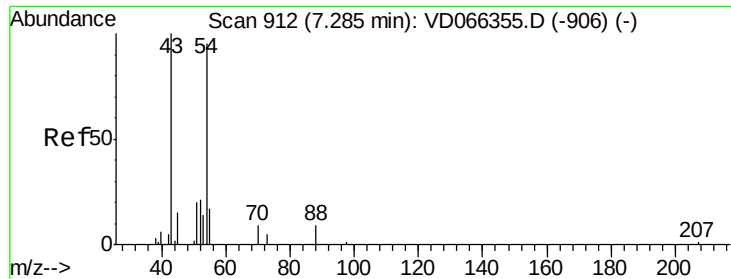
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#36  
 1,1-Dichloropropene  
 Concen: 46.151 ug/l  
 RT: 8.11 min Scan# 1052  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 89253 |       |       |
| 110     | 37.5  | 18.7  | 56.1  |       |
| 77      | 30.8  | 25.2  | 37.8  |       |





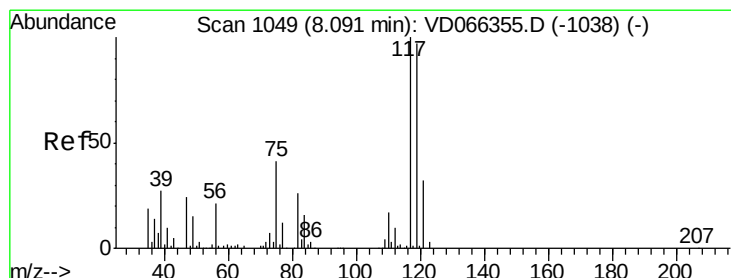
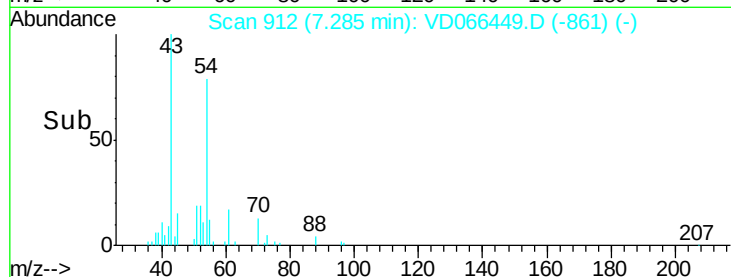
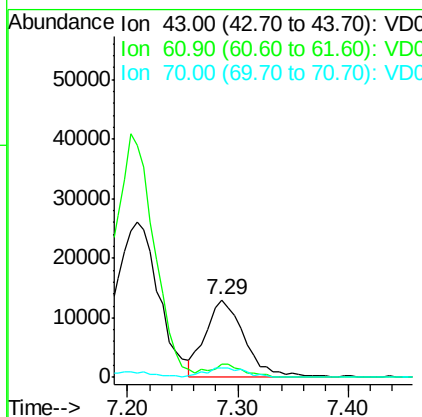
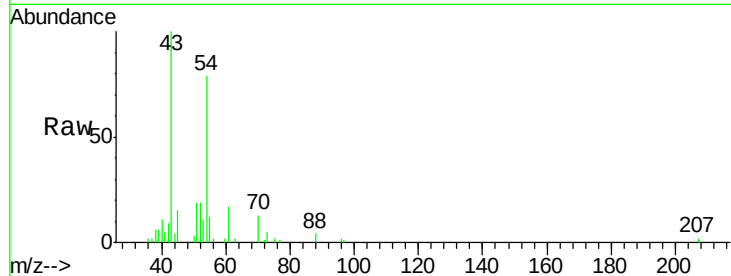
#37  
Ethyl Acetate  
Concen: 48.388 ug/l  
RT: 7.29 min Scan# 912  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.6  | 13.3  | 19.9  |
| 70      | 12.3  | 3.5   | 5.3   |

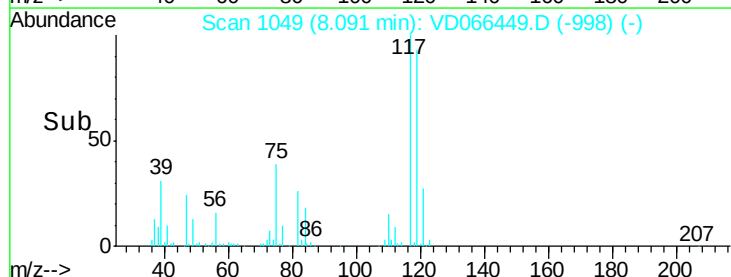
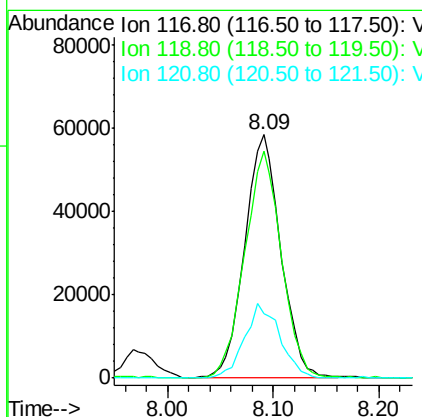
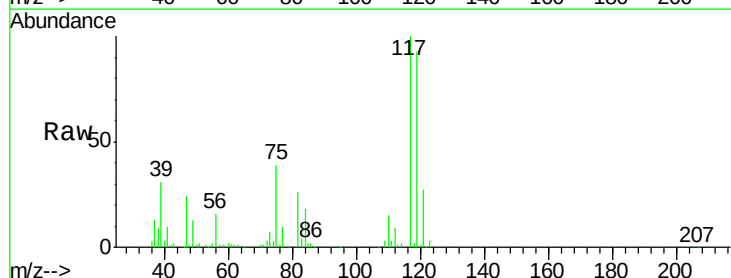
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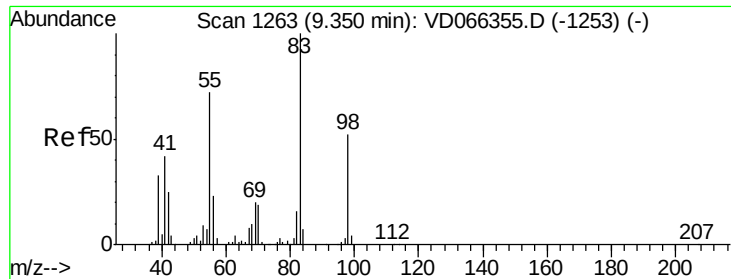


#38  
Carbon Tetrachloride  
Concen: 55.390 ug/l  
RT: 8.09 min Scan# 1049  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.5  | 77.2  | 115.8 |
| 121     | 26.7  | 25.8  | 38.8  |







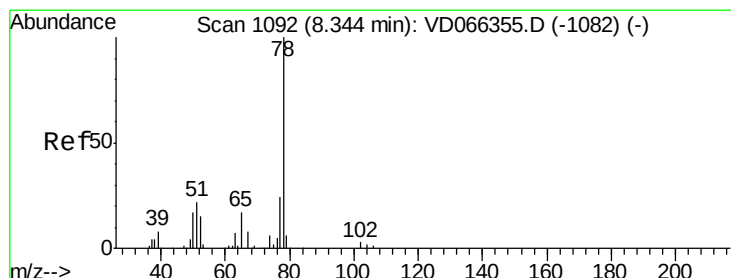
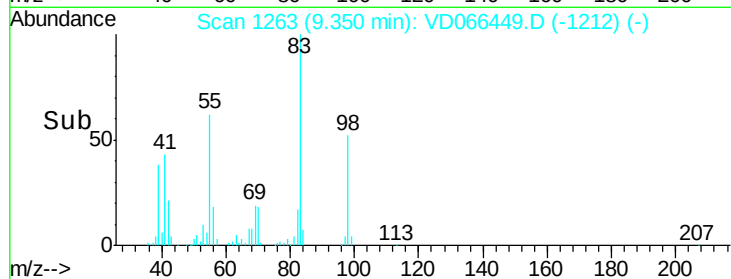
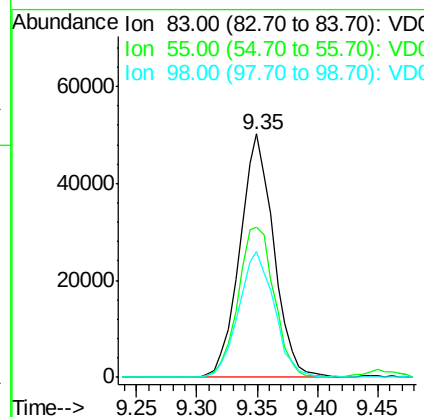
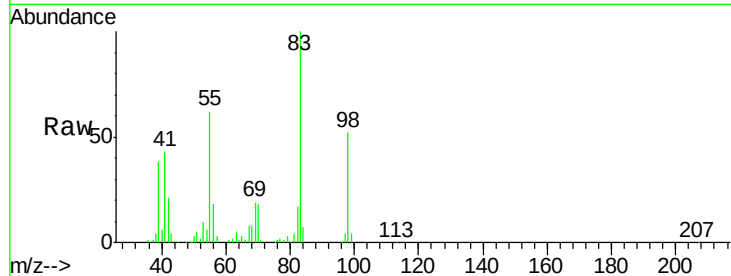
#39  
Methylvlcyclohexane  
Concen: 43.181 ug/l  
RT: 9.35 min Scan# 1263  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 83    | Resp  | 98373 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 55        | 61.7  | 58.0  | 87.0  |
| 98        | 52.0  | 41.9  | 62.9  |

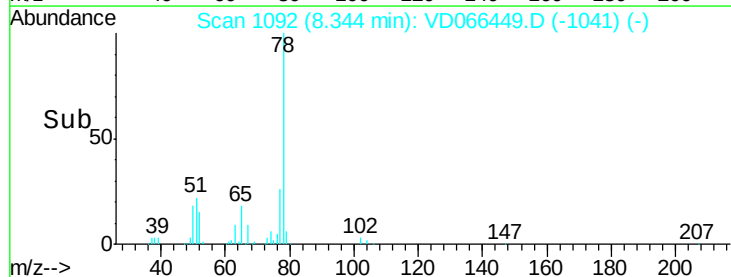
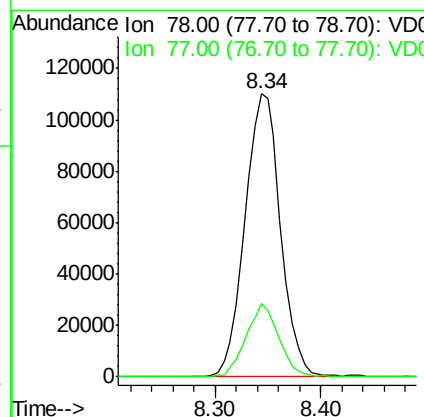
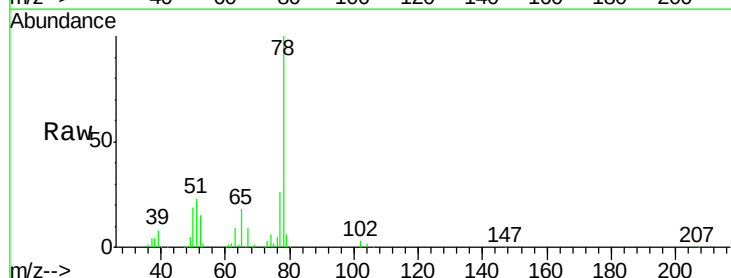
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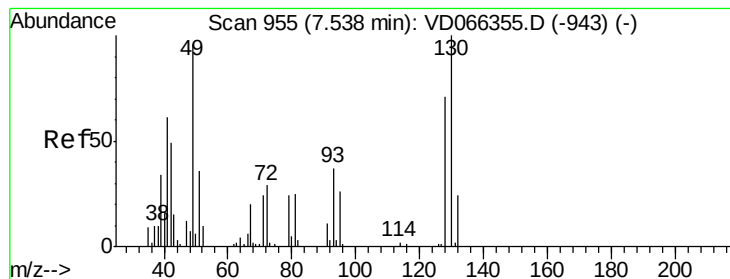
MMDadoda  
8/28/2020 3:19:03 PM



#40  
Benzene  
Concen: 50.470 ug/l  
RT: 8.34 min Scan# 1092  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

| Tgt Ion   | 78    | Resp  | 256769 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 25.9  | 18.8  | 28.2   |





#41

Methacrylonitrile

Concen: 54.269 ug/l m

RT: 7.54 min Scan# 955

Delta R.T. 0.00 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 22013

Ion Ratio Lower Upper

41 100

39 77.2 51.8 77.8

67 0.0 0.0 0.0

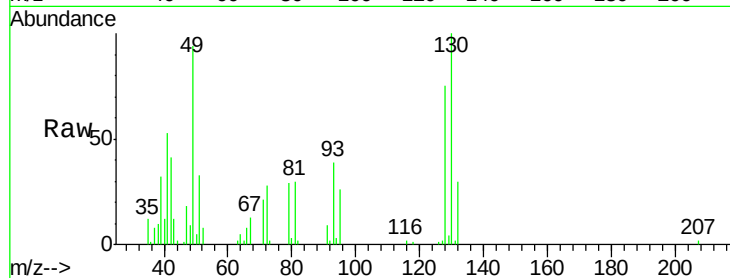
52 0.0 0.0 0.0

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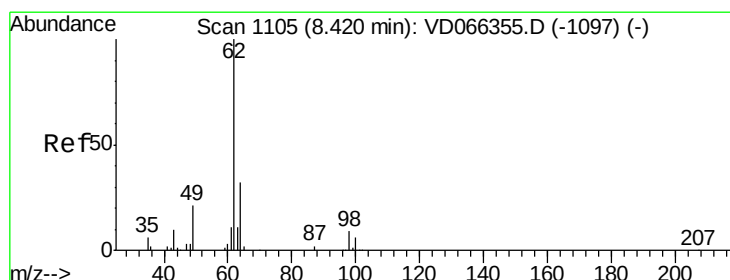
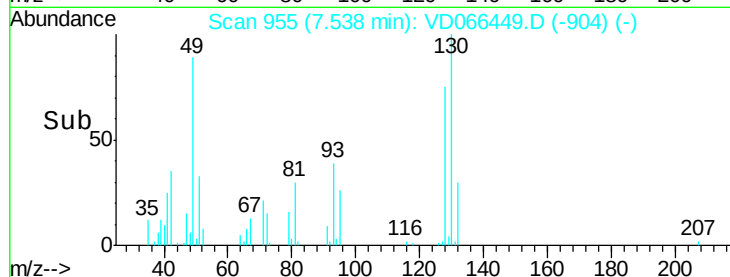
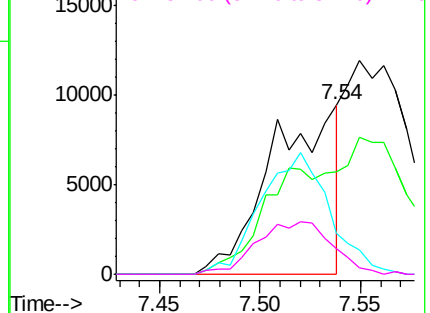


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 63.283 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066449.D

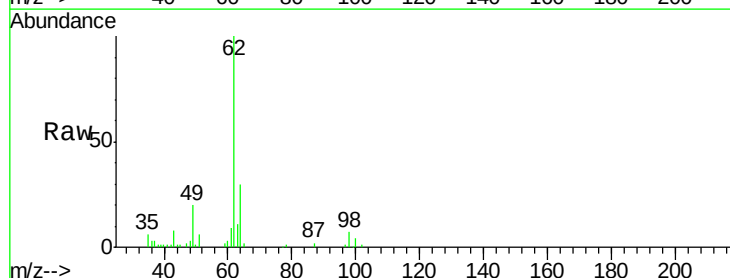
Acq: 27 Aug 2020 20:57

Tgt Ion: 62 Resp: 113395

Ion Ratio Lower Upper

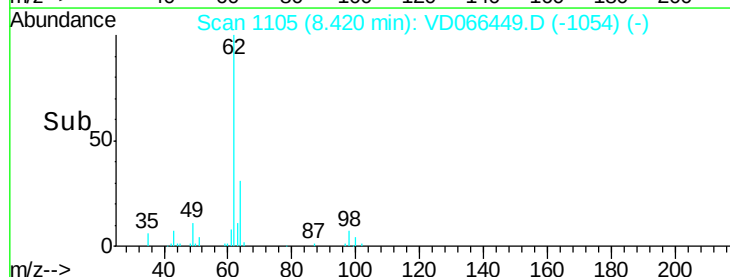
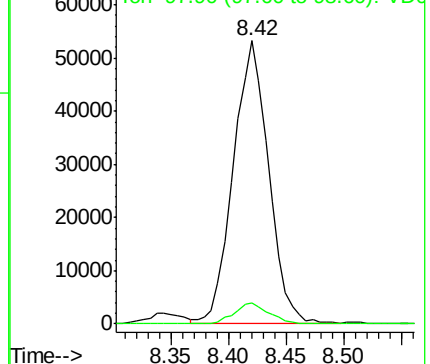
62 100

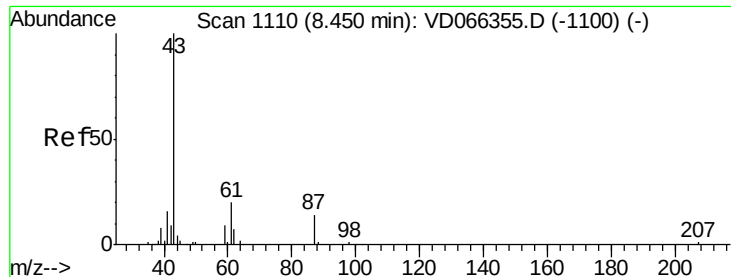
98 7.1 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 49.999 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Instrument :

MSVOA\_D

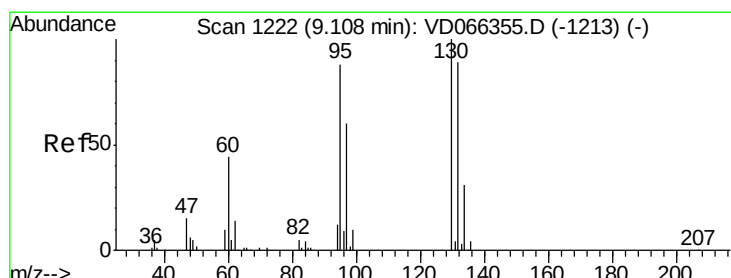
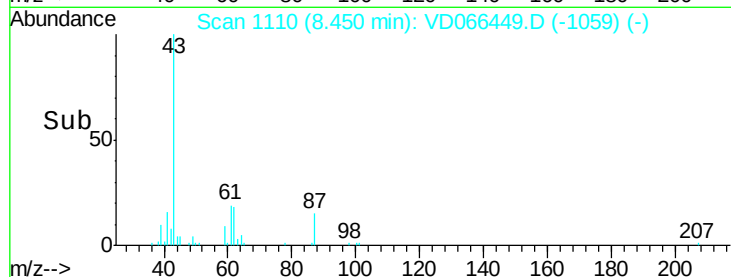
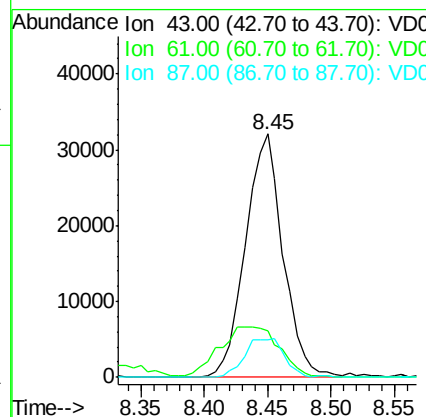
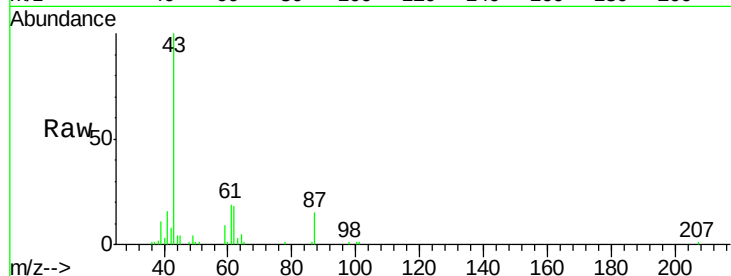
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 43    | Resp: | 66010 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 0.0   | 26.5  | 39.7# |
| 87        | 16.8  | 11.9  | 17.9  |

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#44

Trichloroethene

Concen: 49.737 ug/l

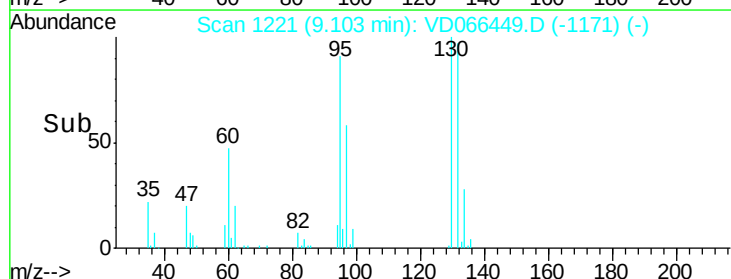
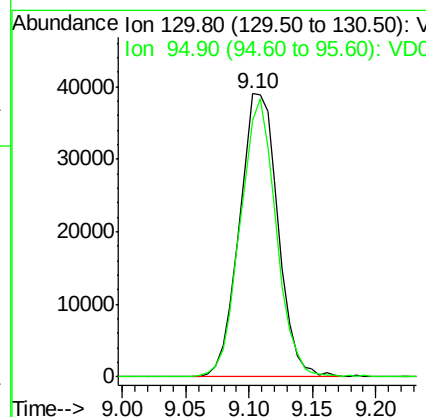
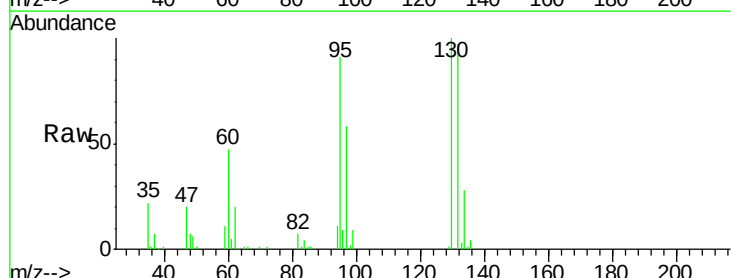
RT: 9.10 min Scan# 1221

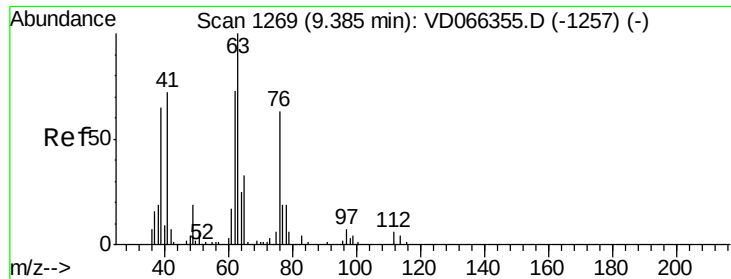
Delta R.T. -0.01 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 130   | Resp: | 82222 |
| Ion Ratio | Lower | Upper |       |
| 130       | 100   |       |       |
| 95        | 90.7  | 0.0   | 175.6 |





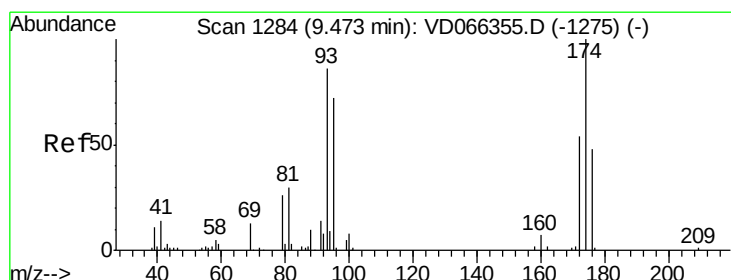
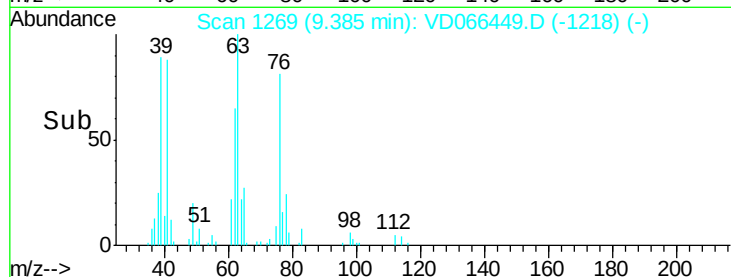
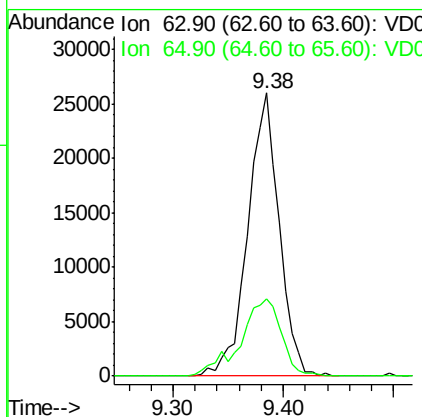
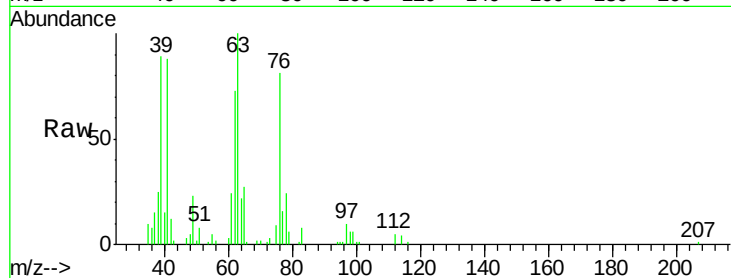
#45  
 1,2-Dichloropropane  
 Concen: 45.060 ug/l  
 RT: 9.38 min Scan# 1269  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 63 Resp: 51972  
 Ion Ratio Lower Upper  
 63 100  
 65 27.2 26.4 39.6

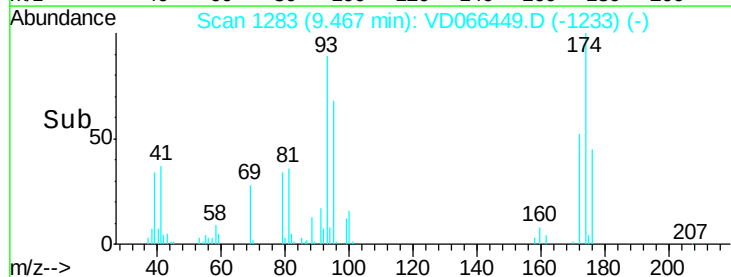
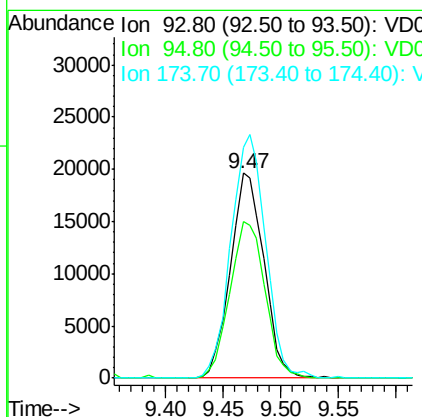
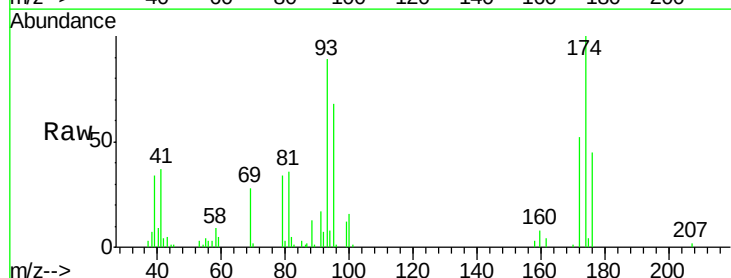
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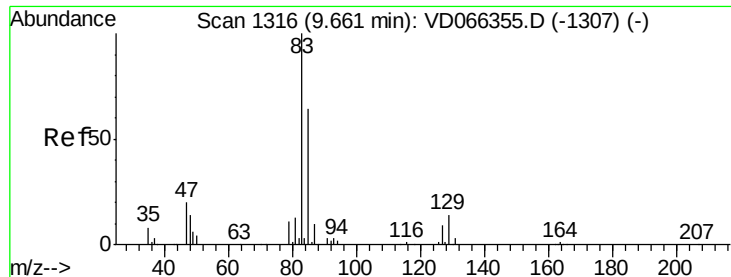
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#46  
 Dibromomethane  
 Concen: 55.003 ug/l  
 RT: 9.47 min Scan# 1283  
 Delta R.T. -0.01 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Tgt Ion: 93 Resp: 39499  
 Ion Ratio Lower Upper  
 93 100  
 95 79.9 66.0 99.0  
 174 123.1 94.6 141.8





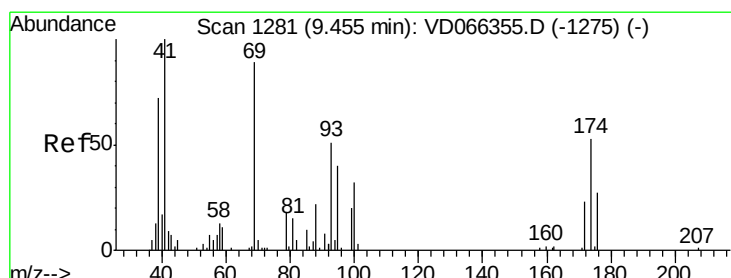
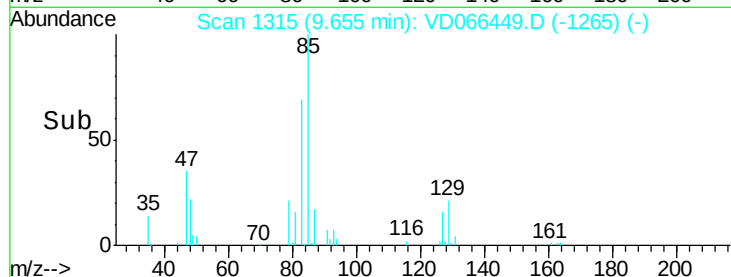
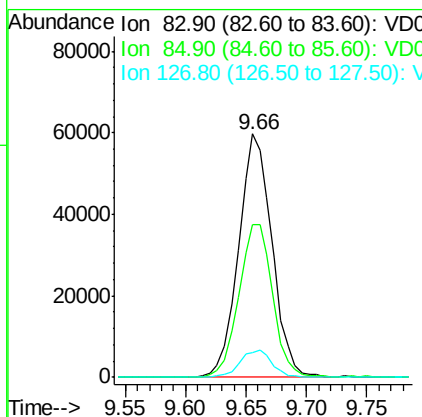
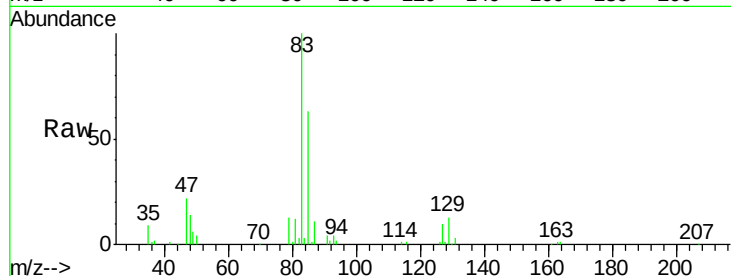
#47  
Bromodichloromethane  
Concen: 58.328 ug/l  
RT: 9.66 min Scan# 1315  
Delta R.T. -0.01 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 115191 |       |       |
| 85      | 62.9  |        | 51.4  | 77.0  |
| 127     | 10.0  |        | 7.4   | 11.0  |

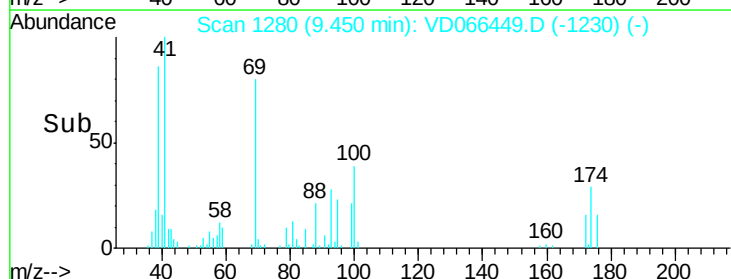
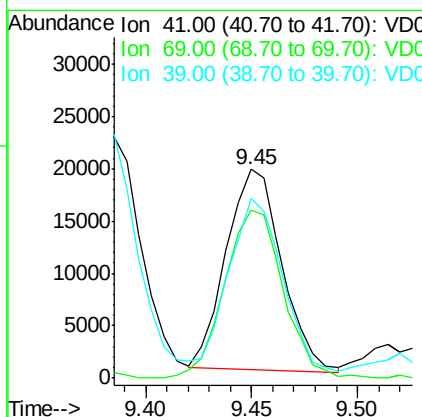
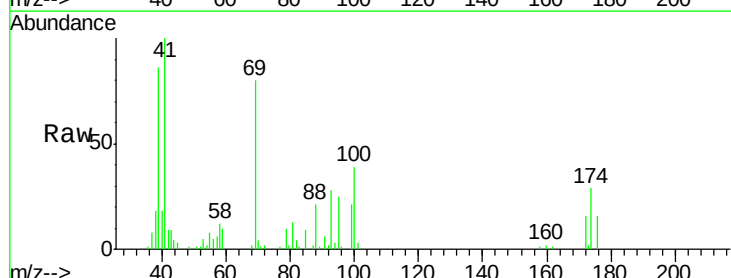
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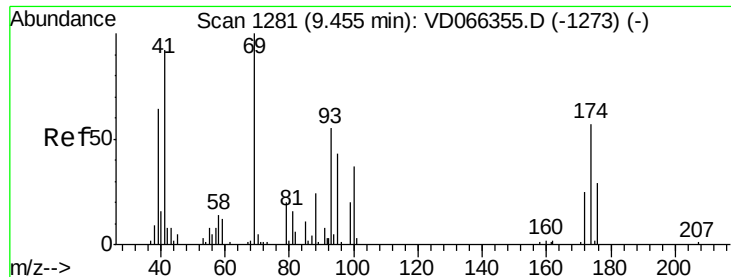
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#48  
Methyl methacrylate  
Concen: 51.547 ug/l  
RT: 9.45 min Scan# 1280  
Delta R.T. -0.01 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   | 35093 |       |       |
| 69      | 87.9  |       | 75.5  | 113.3 |
| 39      | 90.5  |       | 57.0  | 85.4# |





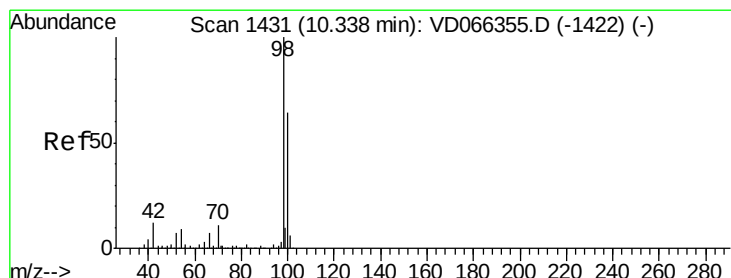
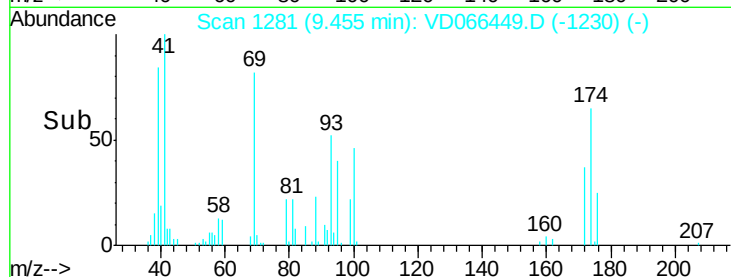
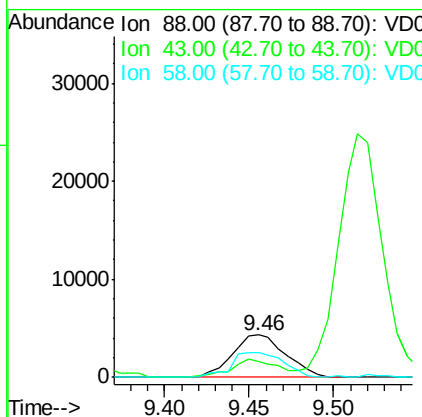
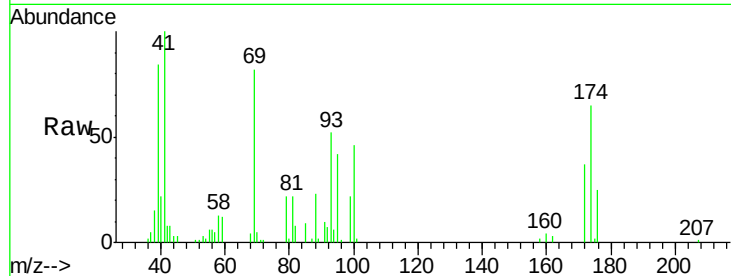
#49  
1,4-Dioxane  
Concen: 1124.537 ug/l  
RT: 9.46 min Scan# 1281  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 88    | Resp  | 9377  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 38.1  | 29.4  | 44.0  |
| 58      | 57.1  | 45.4  | 68.2  |

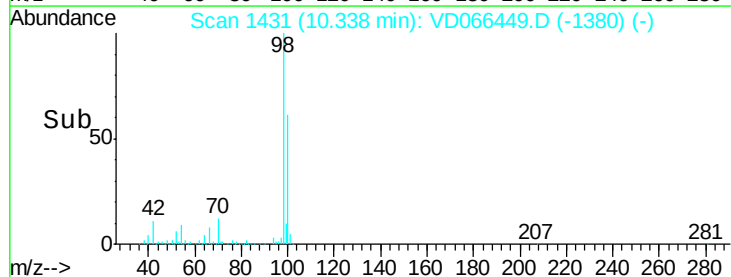
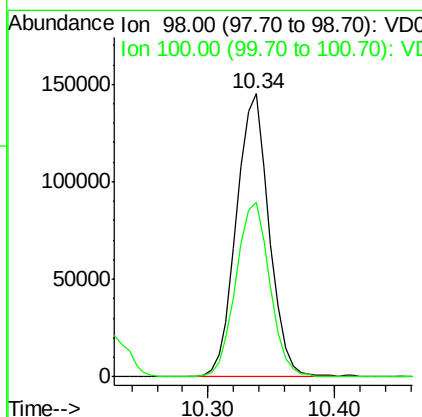
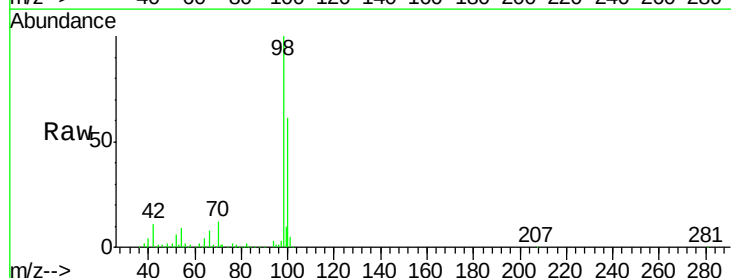
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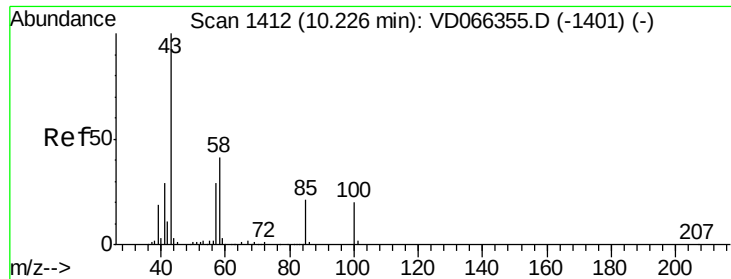
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#50  
Toluene-d8  
Concen: 53.603 ug/l  
RT: 10.34 min Scan# 1431  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

| Tgt Ion | 98    | Resp  | 259937 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 63.9  | 53.0  | 79.4   |





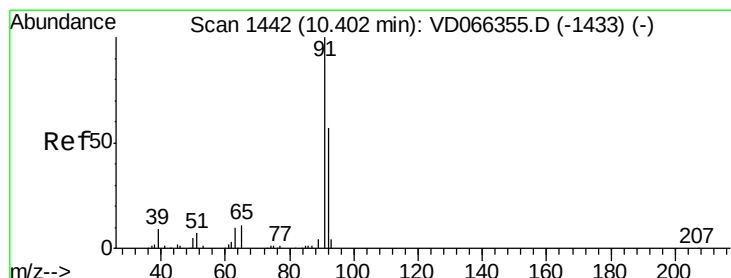
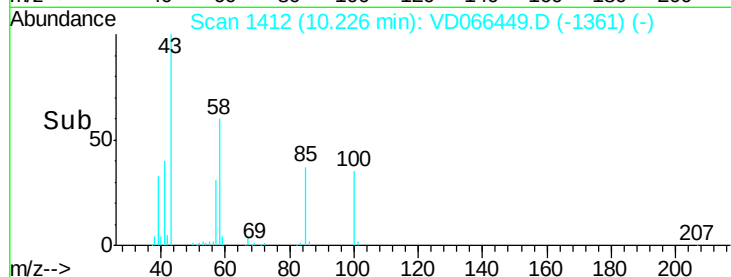
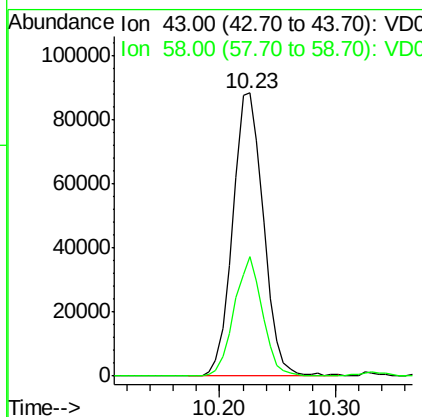
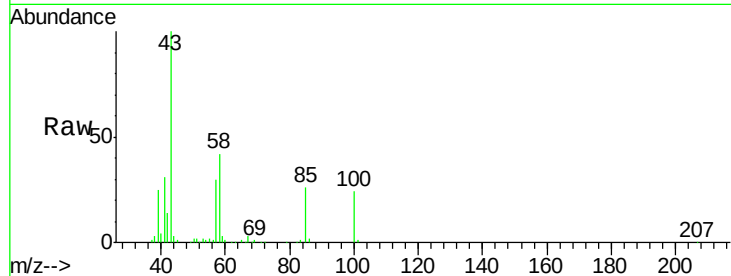
#51  
 4-Methyl-2-Pentanone  
 Concen: 254.542 ug/l  
 RT: 10.23 min Scan# 1412  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 38.9  | 31.4  | 47.2  |

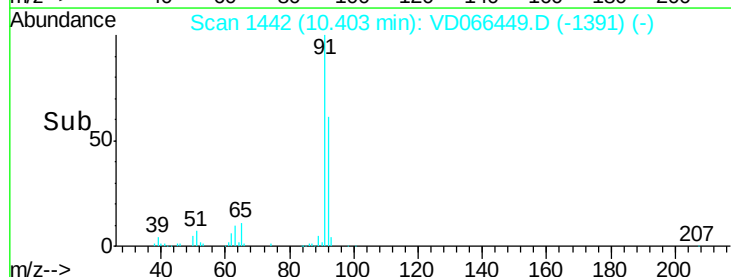
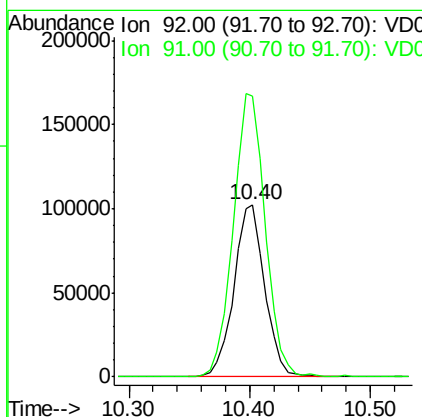
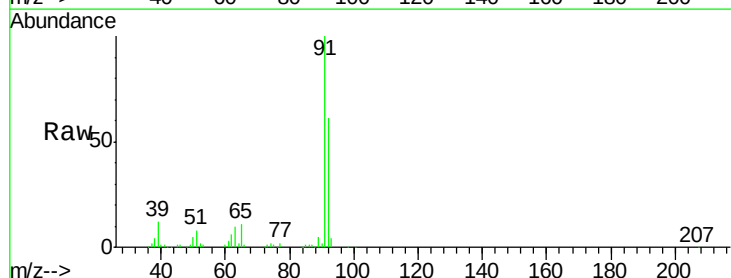
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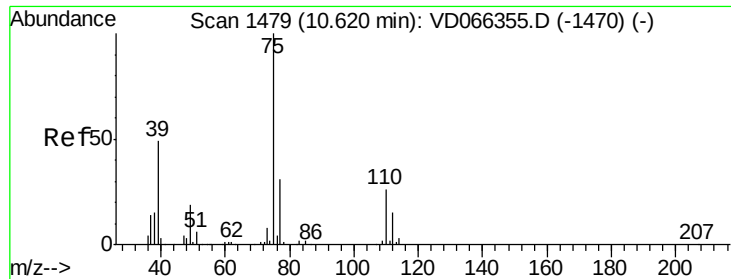
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#52  
 Toluene  
 Concen: 52.692 ug/l  
 RT: 10.40 min Scan# 1442  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 170.7 | 135.8 | 203.6 |





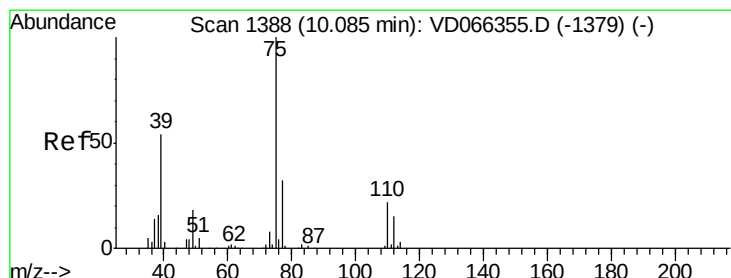
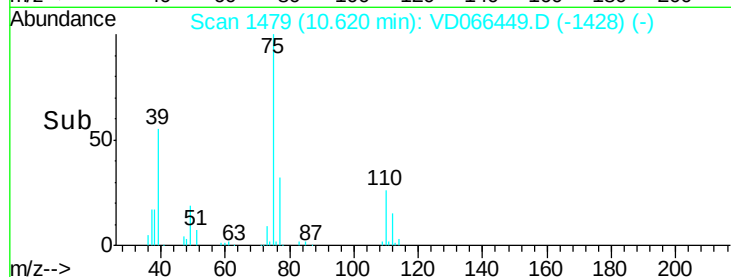
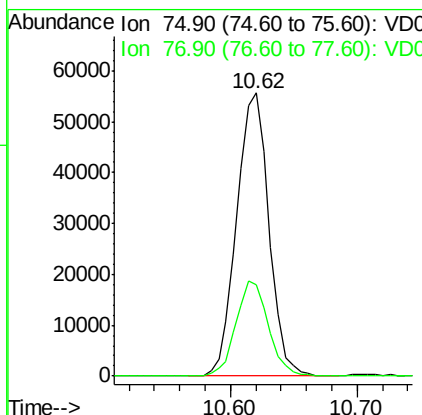
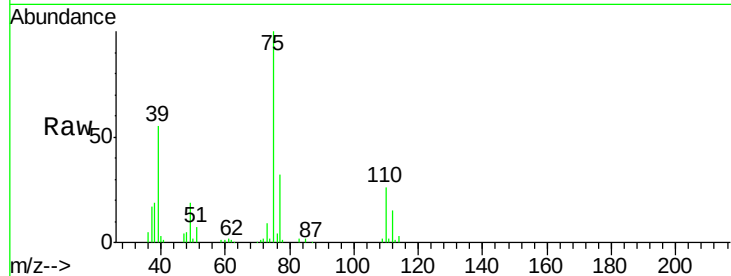
#53  
 t-1,3-Dichloropropene  
 Concen: 52.449 ug/l  
 RT: 10.62 min Scan# 1479  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 75 Resp: 98285  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 24.5 36.7

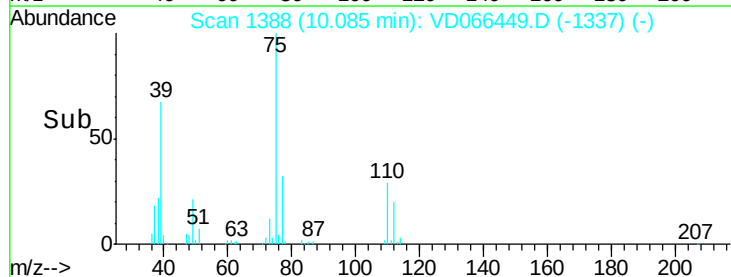
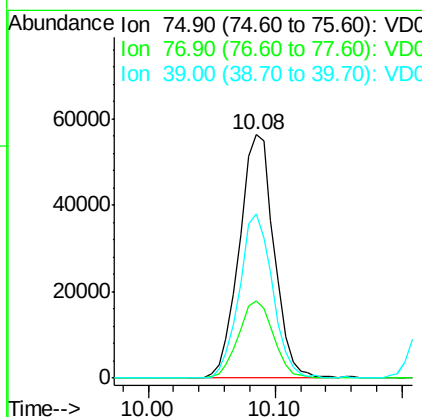
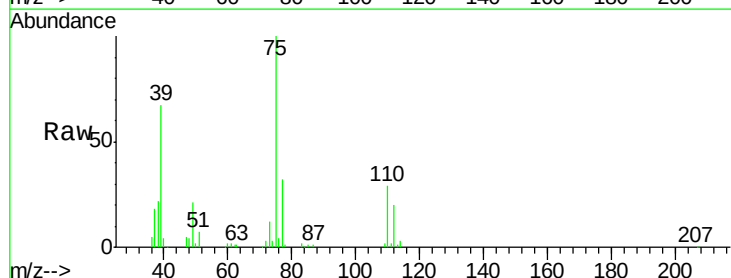
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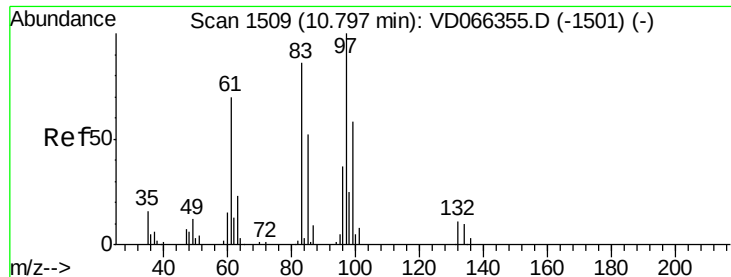


#54  
 cis-1,3-Dichloropropene  
 Concen: 51.188 ug/l  
 RT: 10.08 min Scan# 1388  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Tgt Ion: 75 Resp: 107669  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.6 38.4  
 39 67.4 43.4 65.0#







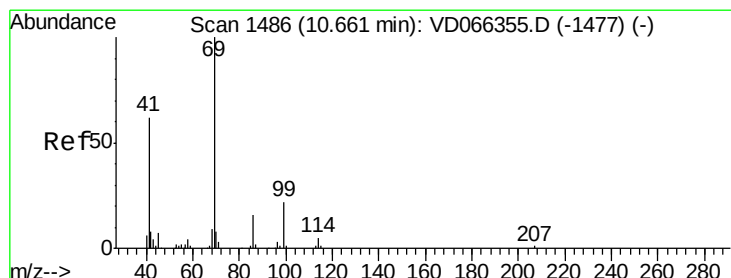
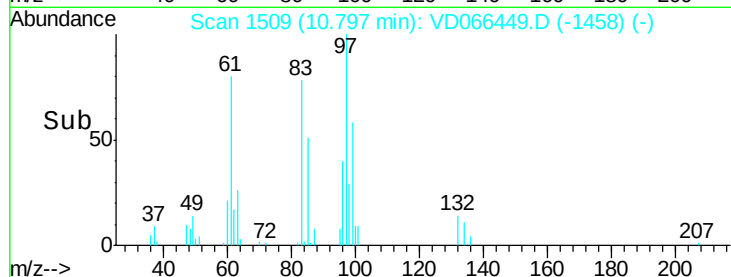
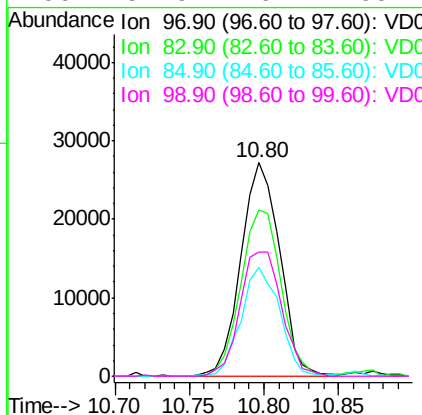
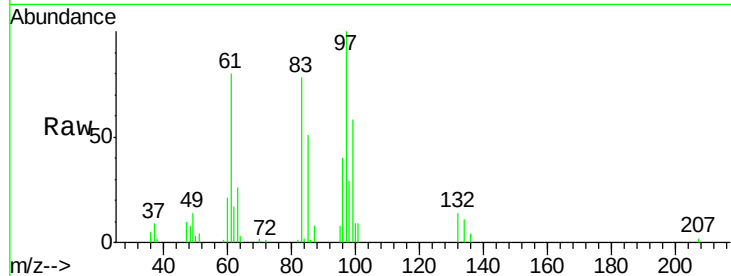
#55  
 1,1,2-Trichloroethane  
 Concen: 50.606 ug/l  
 RT: 10.80 min Scan# 1509  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 49198 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 78.2  | 68.4  | 102.6 |
| 85       | 51.0  | 41.3  | 61.9  |
| 99       | 57.9  | 46.1  | 69.1  |

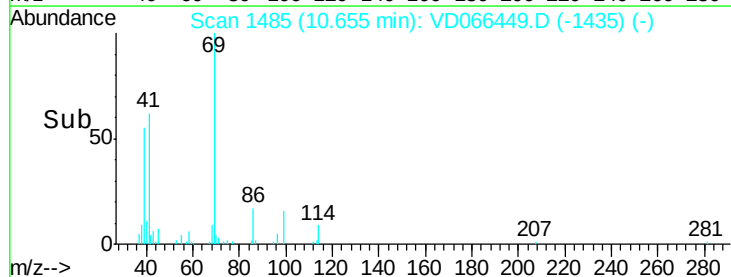
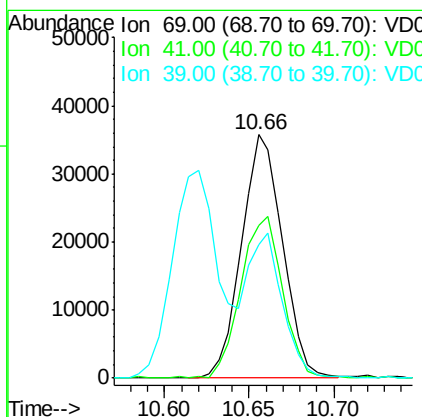
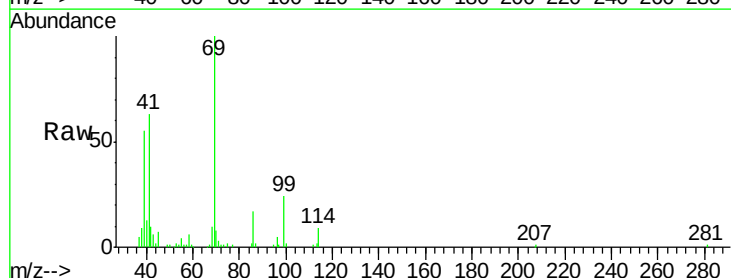
Manual Integrations  
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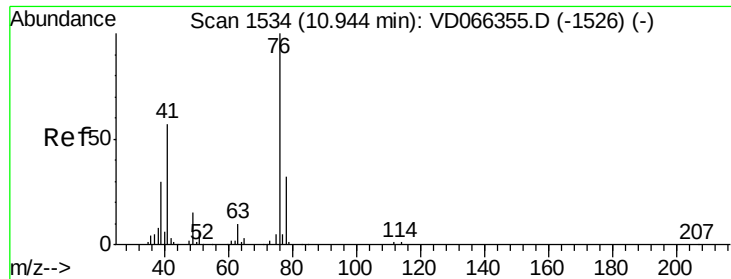
MMDadoda  
 8/28/2020 3:19:03 PM



#56  
 Ethyl methacrylate  
 Concen: 53.729 ug/l  
 RT: 10.66 min Scan# 1485  
 Delta R.T. -0.01 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 60467 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 67.8  | 50.8  | 76.2  |
| 39       | 49.5  | 32.9  | 49.3# |





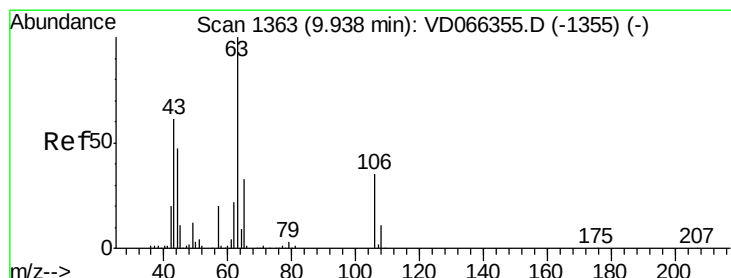
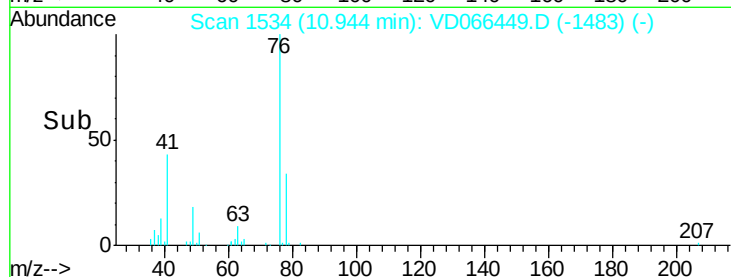
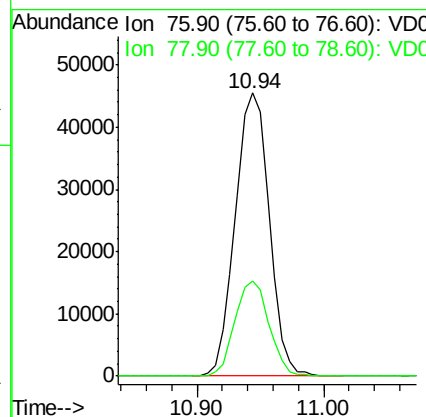
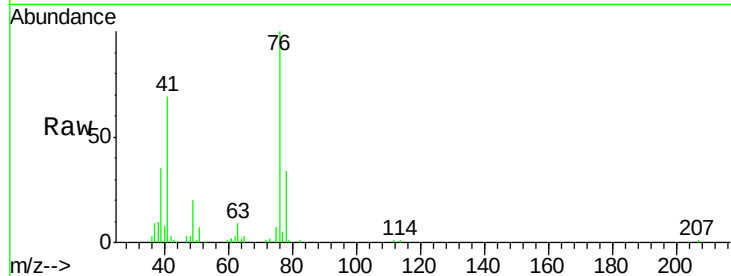
#57  
 1,3-Dichloropropane  
 Concen: 52.580 ug/l  
 RT: 10.94 min Scan# 1534  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 76 Resp: 84552  
 Ion Ratio Lower Upper  
 76 100  
 78 33.6 25.6 38.4

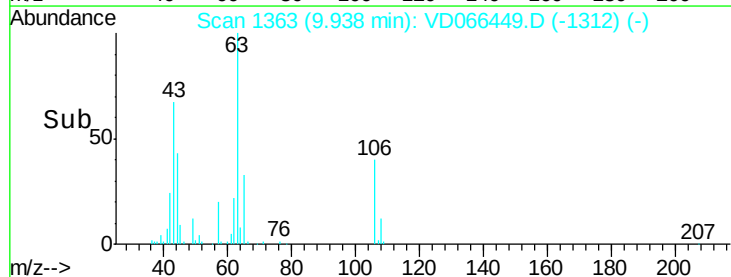
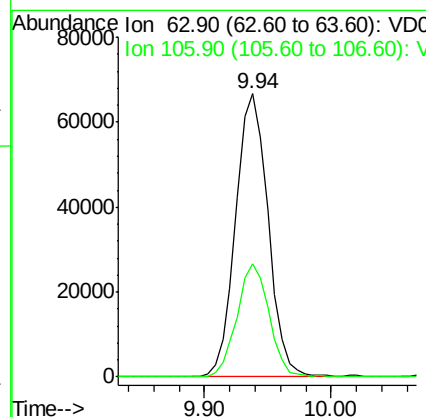
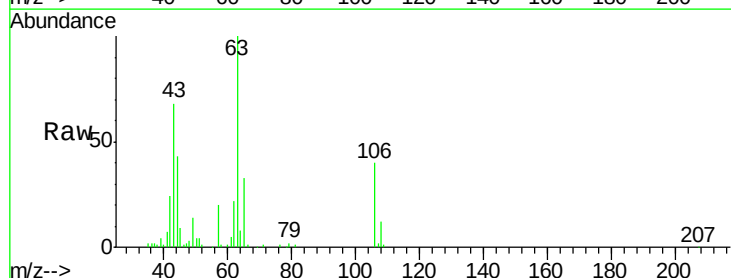
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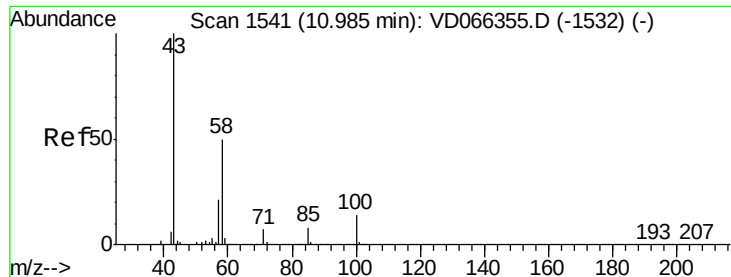
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 252.952 ug/l  
 RT: 9.94 min Scan# 1363  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Tgt Ion: 63 Resp: 118233  
 Ion Ratio Lower Upper  
 63 100  
 106 39.3 27.1 40.7





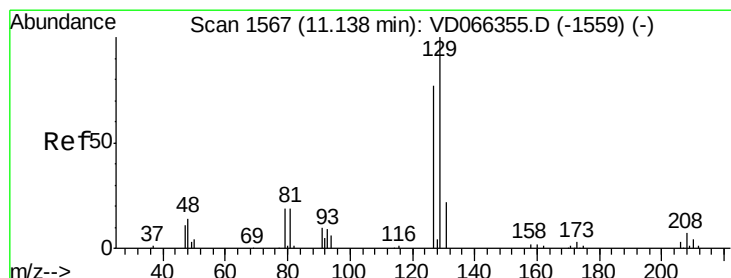
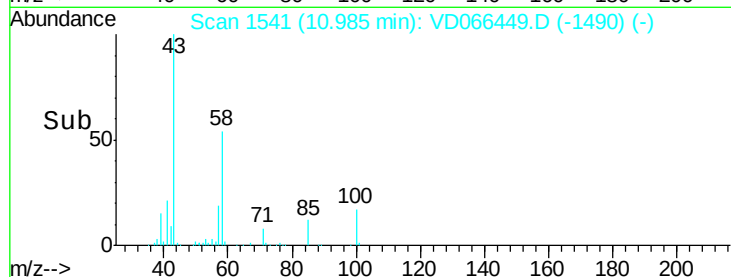
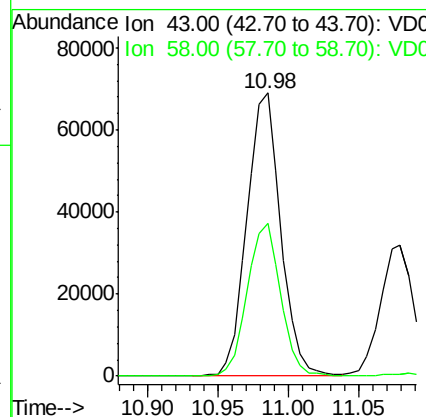
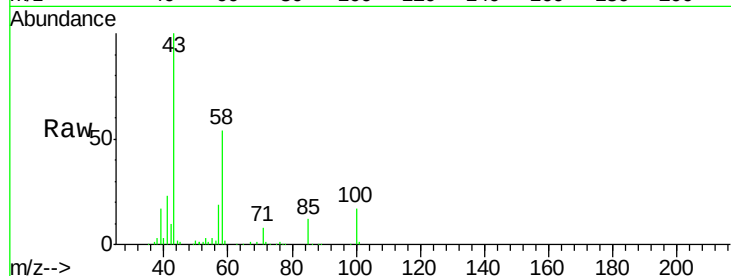
#59  
2-Hexanone  
Concen: 257.950 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 116206  
Ion Ratio Lower Upper  
43 100  
58 53.1 26.3 78.8

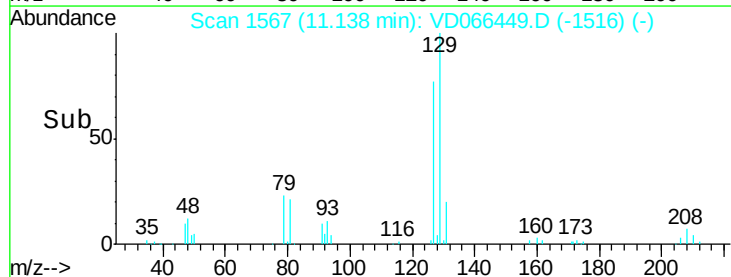
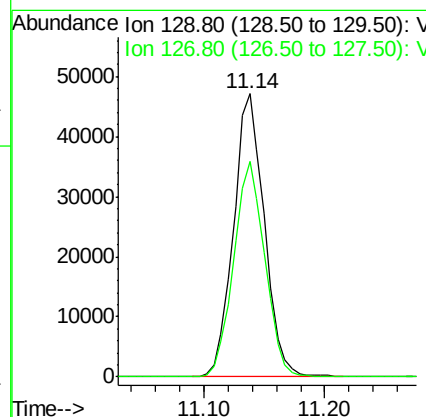
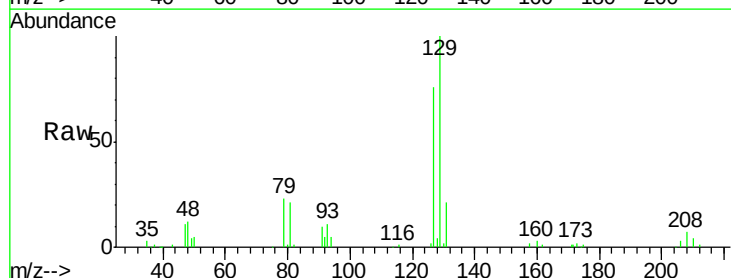
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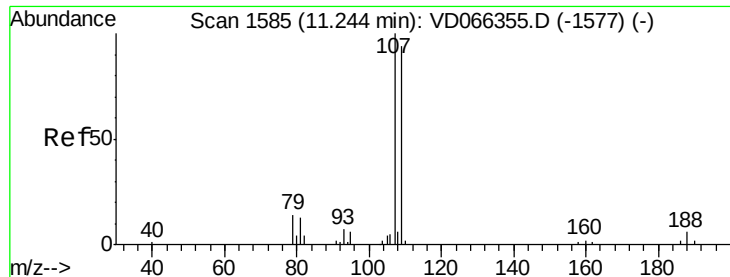
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#60  
Dibromochloromethane  
Concen: 56.927 ug/l  
RT: 11.14 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

Tgt Ion: 129 Resp: 83421  
Ion Ratio Lower Upper  
129 100  
127 77.1 39.0 117.0





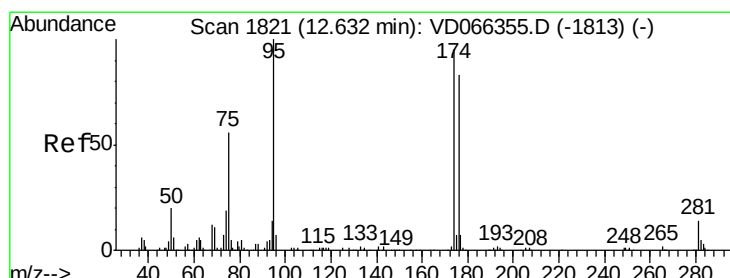
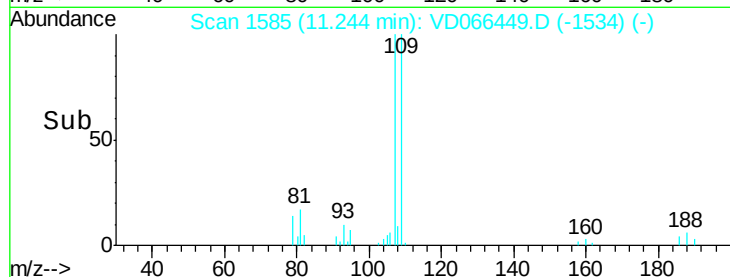
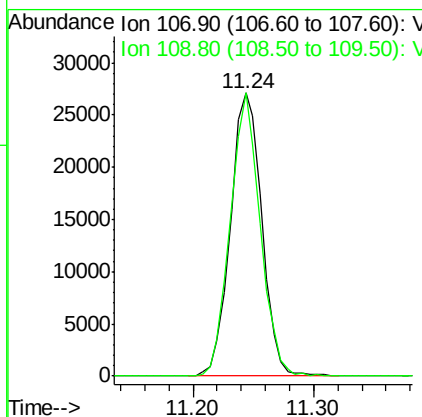
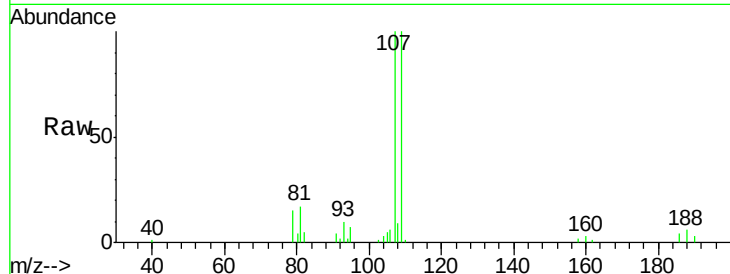
#61  
 1,2-Dibromoethane  
 Concen: 51.188 ug/l  
 RT: 11.24 min Scan# 1585  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 107 Resp: 48973  
 Ion Ratio Lower Upper  
 107 100  
 109 95.5 77.8 116.8

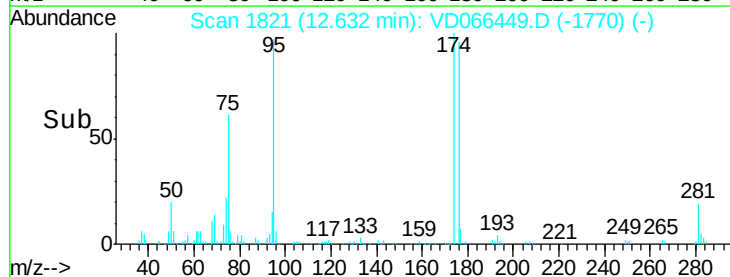
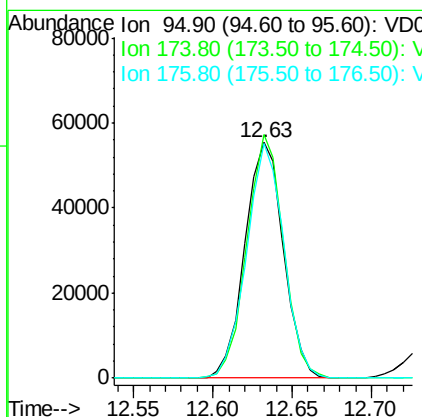
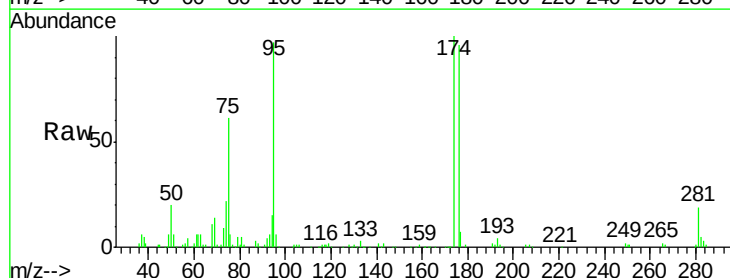
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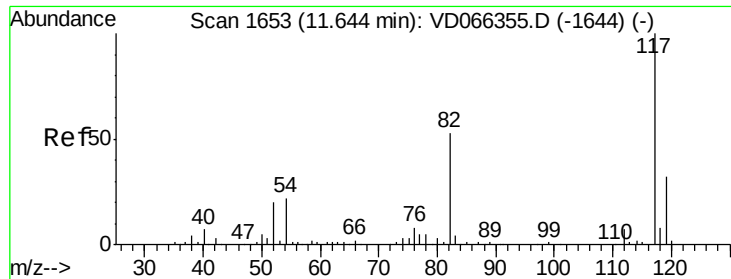
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#62  
 4-Bromofluorobenzene  
 Concen: 54.395 ug/l  
 RT: 12.63 min Scan# 1821  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Tgt Ion: 95 Resp: 93600  
 Ion Ratio Lower Upper  
 95 100  
 174 98.4 0.0 183.4  
 176 96.2 0.0 173.8





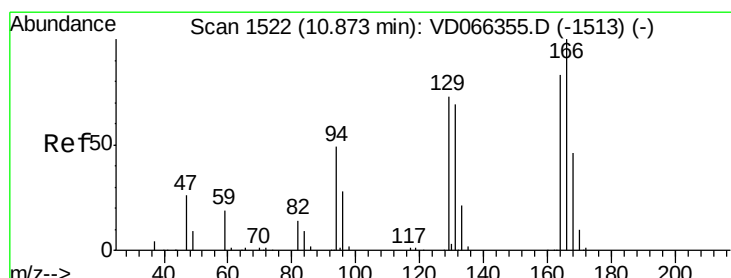
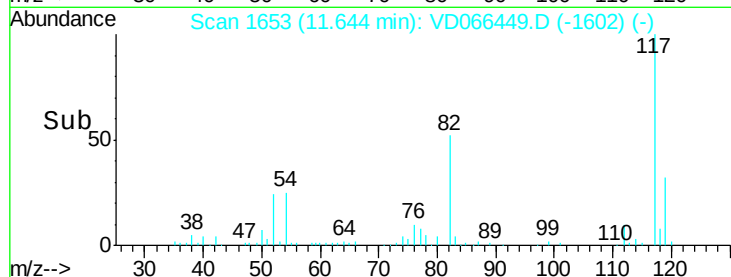
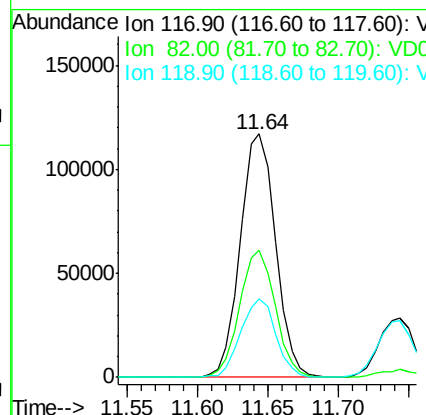
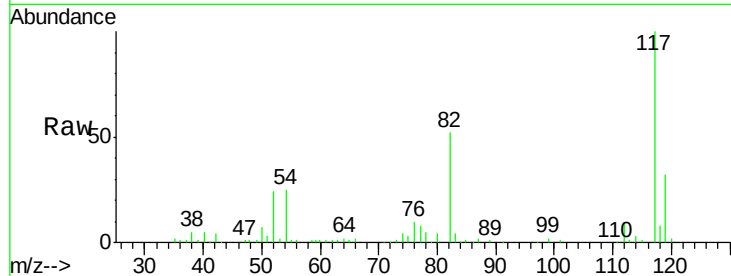
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1653  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.0  | 42.8  | 64.2  |
| 119     | 32.4  | 25.8  | 38.8  |

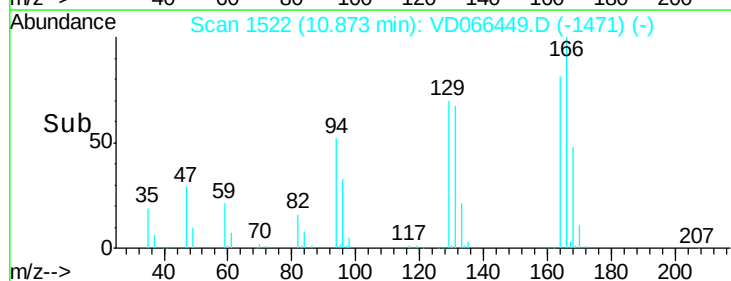
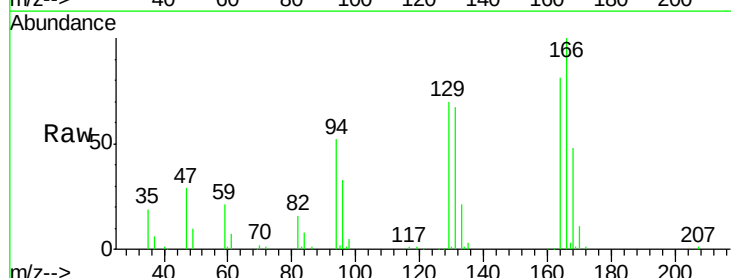
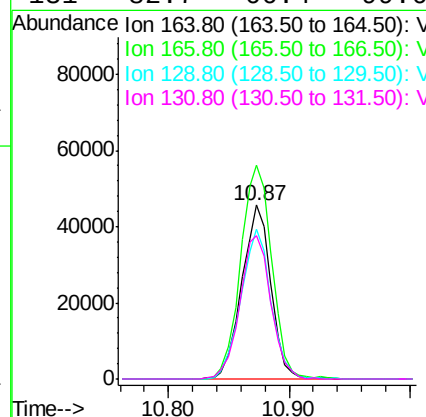
Manual Integrations  
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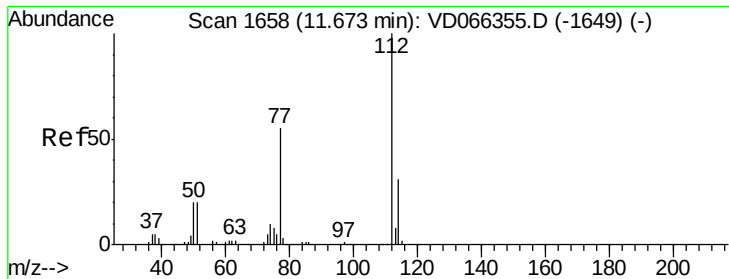
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#64  
Tetrachloroethene  
Concen: 49.344 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 122.9 | 96.2  | 144.4 |
| 129     | 86.2  | 70.3  | 105.5 |
| 131     | 82.7  | 66.4  | 99.6  |





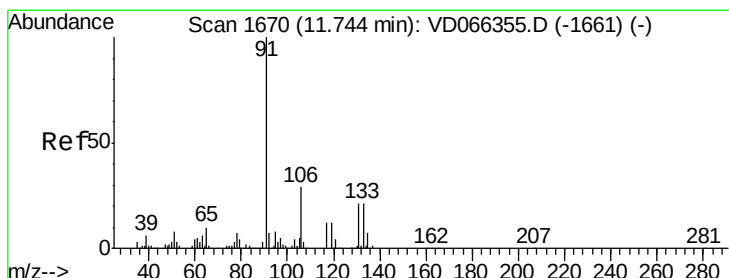
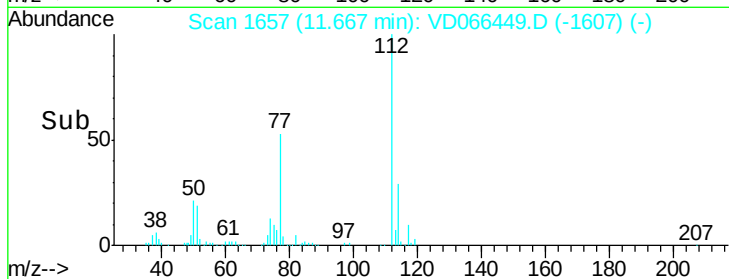
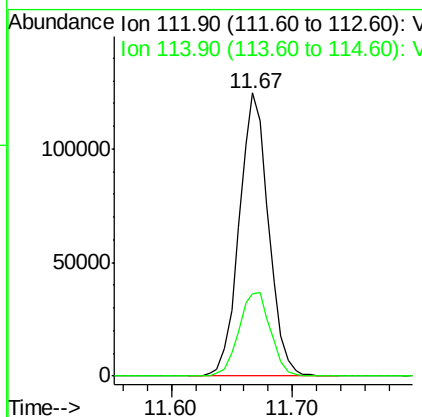
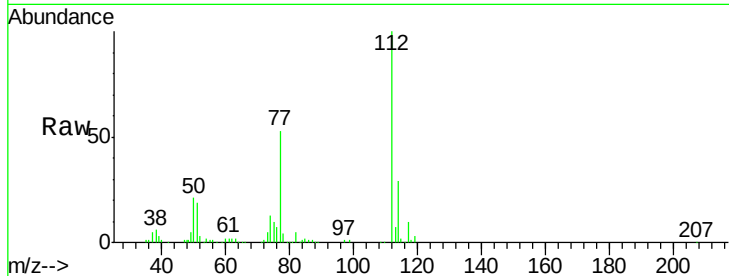
#65  
Chlorobenzene  
Concen: 51.546 ug/l  
RT: 11.67 min Scan# 1657  
Delta R.T. -0.01 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 29.0  | 25.1  | 37.7  |

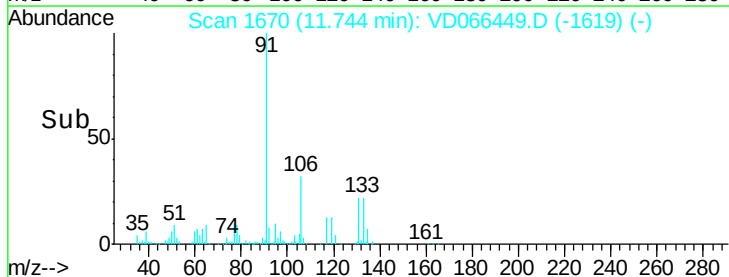
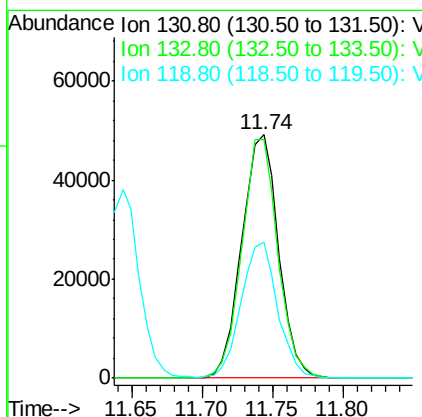
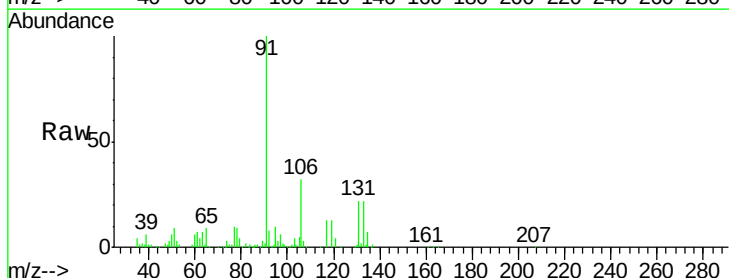
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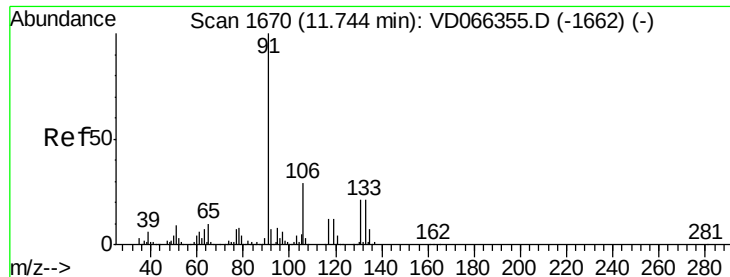
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.685 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 96.5  | 48.6  | 145.9 |
| 119     | 55.5  | 29.0  | 87.1  |





#67

Ethyl Benzene

Concen: 49.235 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 354157

Ion Ratio Lower Upper

91 100

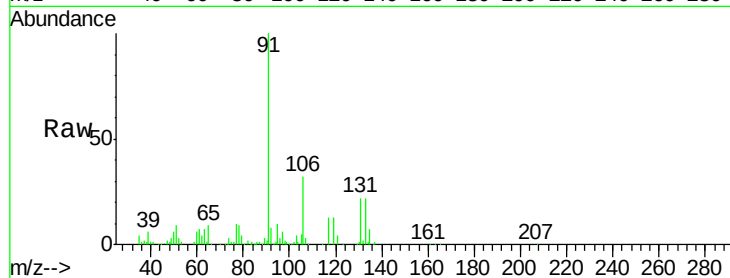
106 32.1 23.4 35.2

Manual Integrations

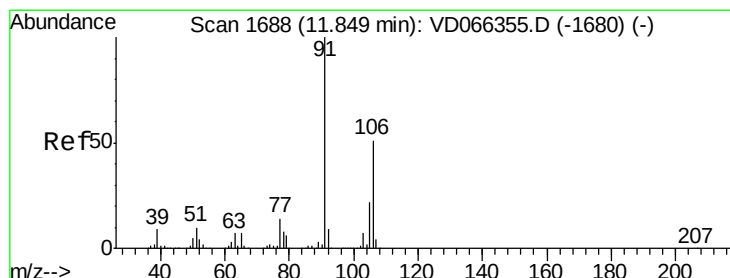
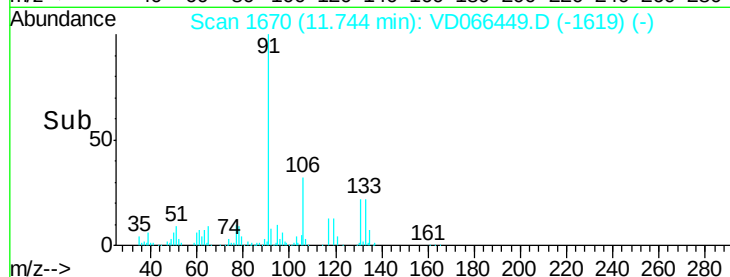
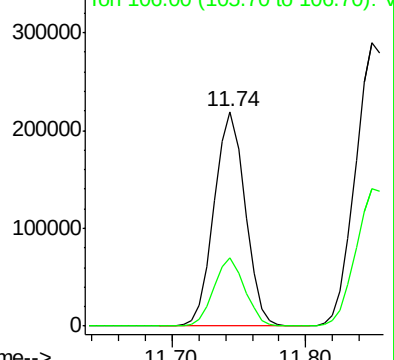
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Abundance Ion 91.00 (90.70 to 91.70): VD066355.D (-1662) (-)



#68

m/p-Xylenes

Concen: 100.332 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066449.D

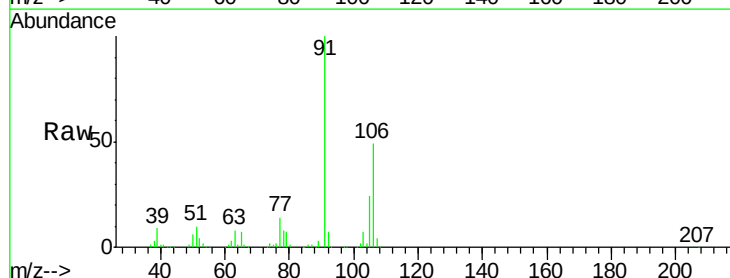
Acq: 27 Aug 2020 20:57

Tgt Ion: 106 Resp: 275083

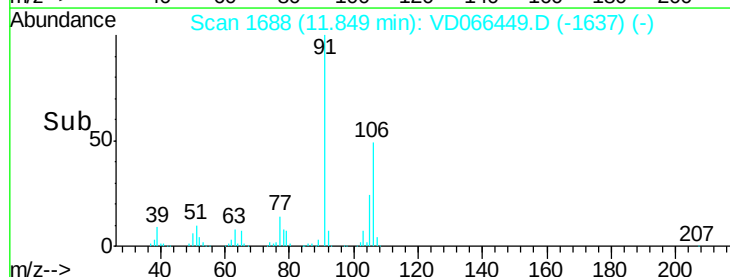
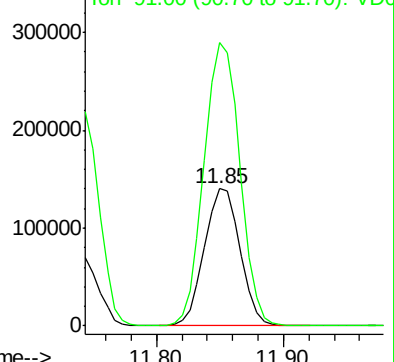
Ion Ratio Lower Upper

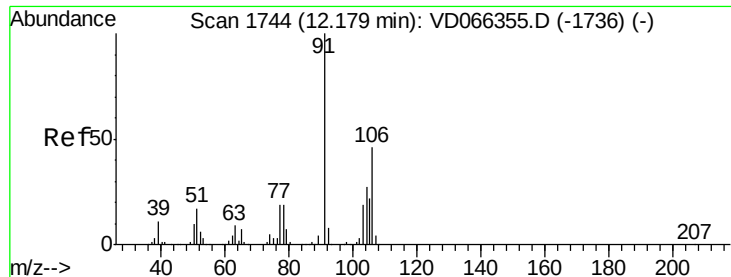
106 100

91 206.7 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066355.D (-1680) (-)





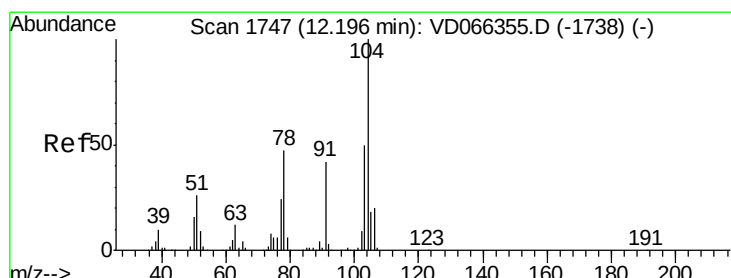
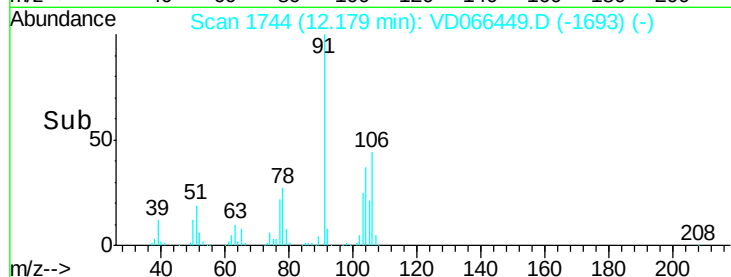
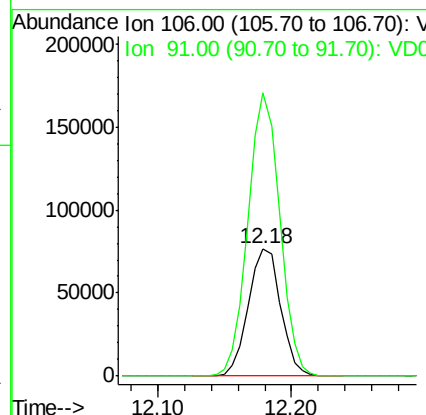
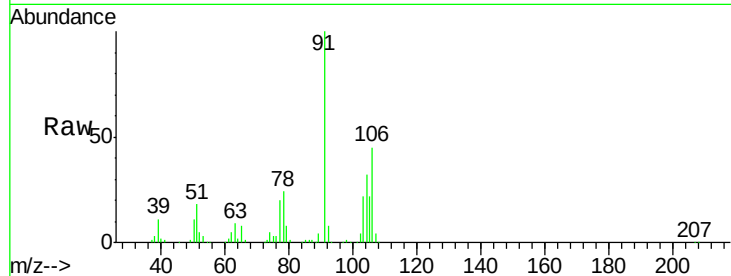
#69  
o-Xylene  
Concen: 50.330 ug/l  
RT: 12.18 min Scan# 1744  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 128372 |       |       |
| 91      | 217.8 | 109.1  | 327.3 |       |

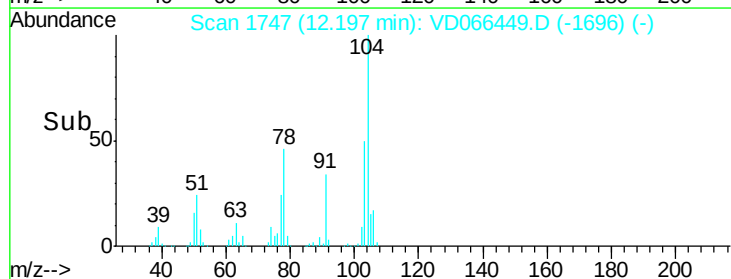
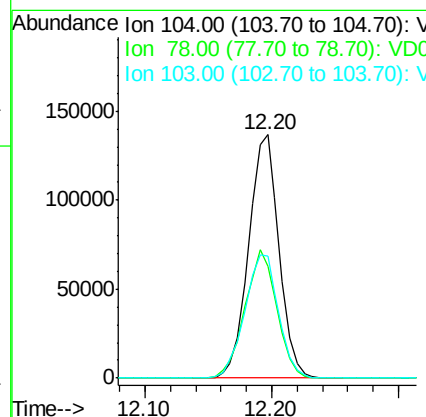
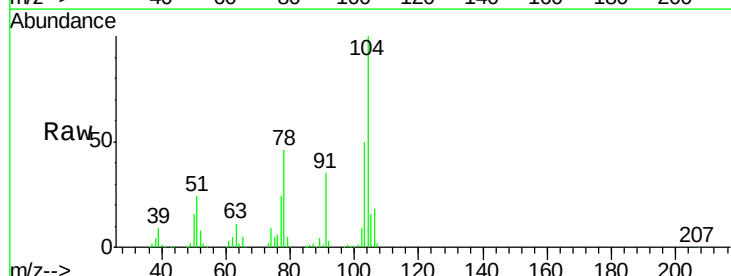
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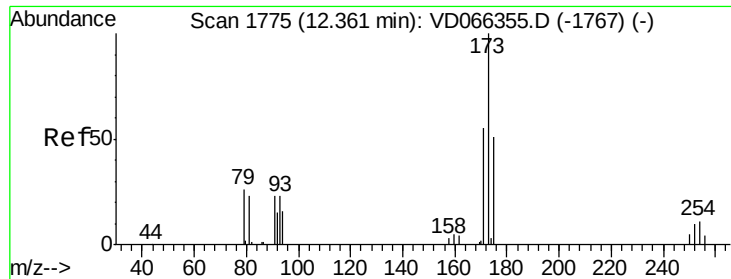


#70  
Styrene  
Concen: 51.991 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 227697 |       |       |
| 78      | 55.1  | 41.7   | 62.5  |       |
| 103     | 56.2  | 43.5   | 65.3  |       |







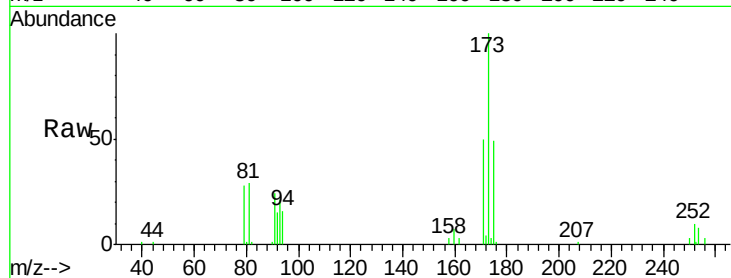
#71  
Bromoform  
Concen: 54.565 ug/l  
RT: 12.36 min Scan# 1775  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 50.8  | 24.8  | 74.3  |
| 254     | 0.0   | 0.0   | 0.0   |

Manual Integrations  
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8/28/2020 3:19:03 PM

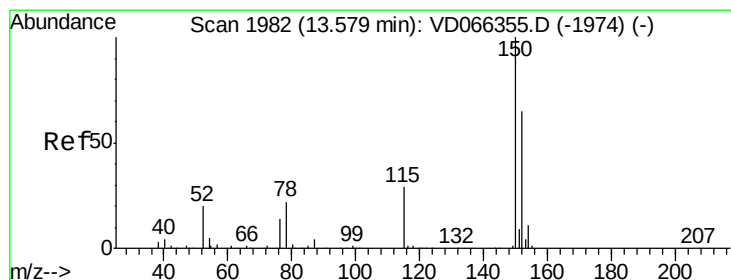
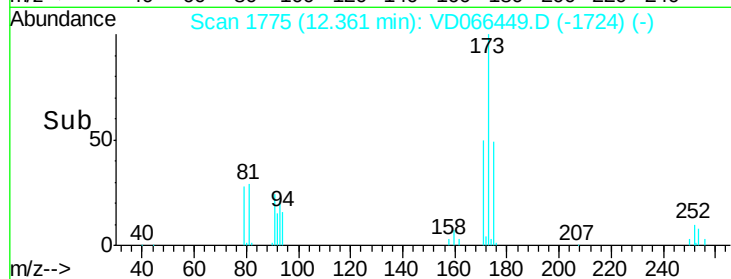
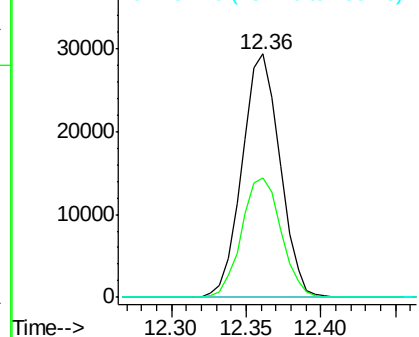


Abundance

Ion 172.70 (172.40 to 173.40): V

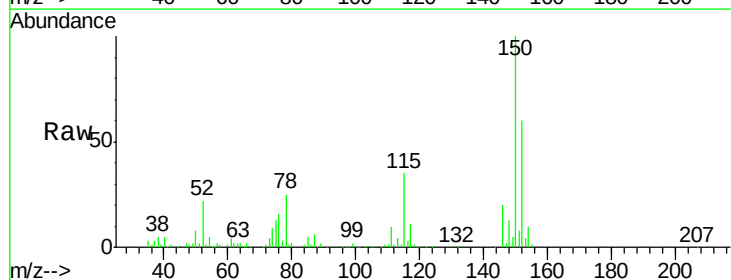
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1982  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 60.2  | 28.3  | 85.0  |
| 150     | 174.5 | 0.0   | 343.2 |

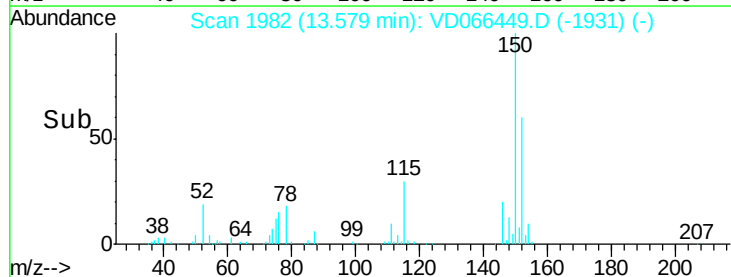
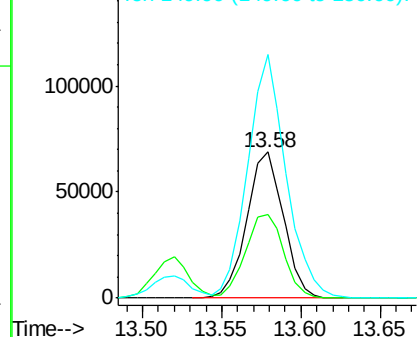


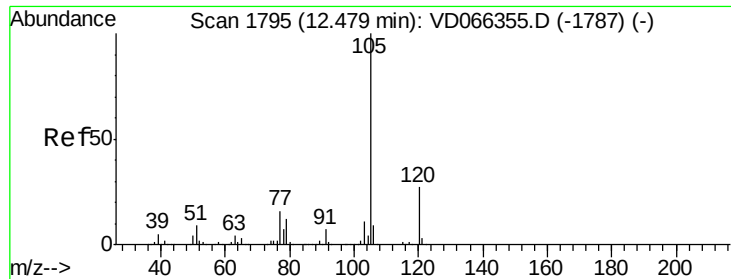
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





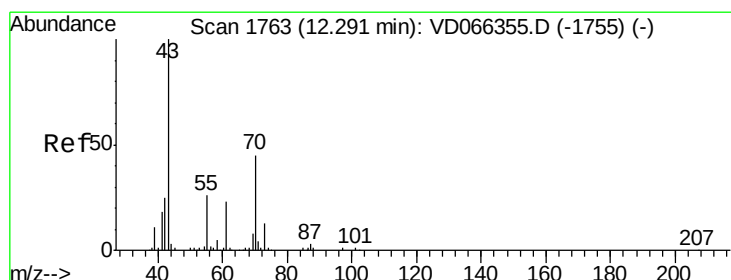
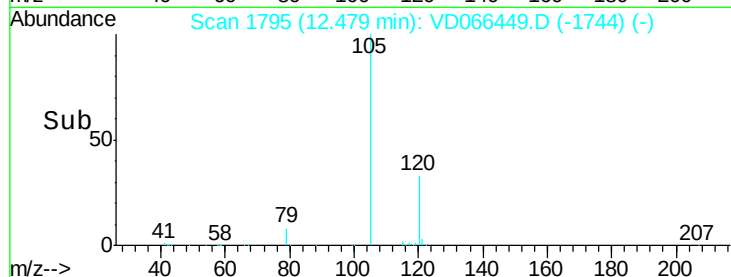
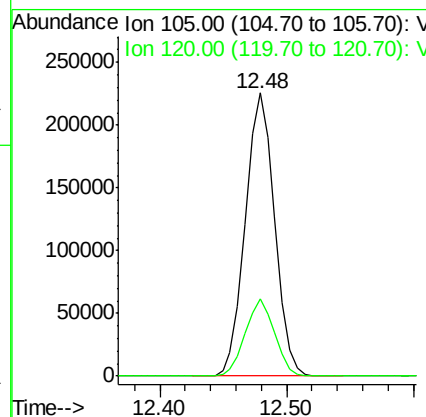
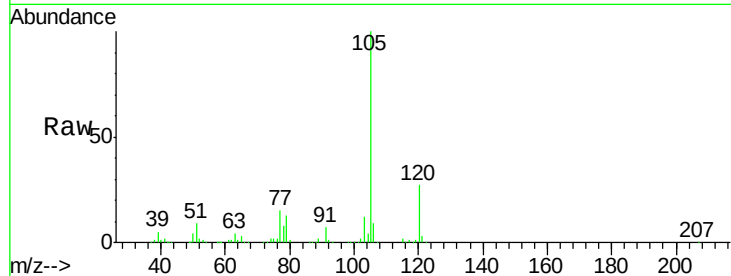
#73  
Isopropylbenzene  
Concen: 48.977 ug/l  
RT: 12.48 min Scan# 1795  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 27.1  | 13.6  | 40.8  |

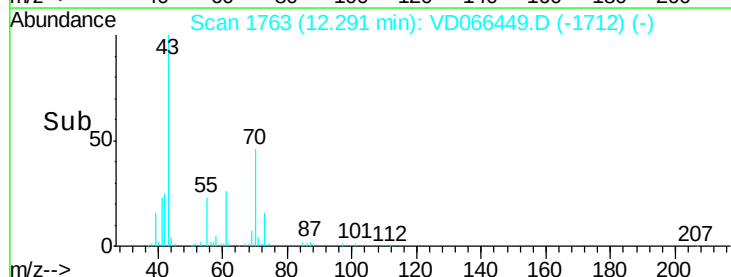
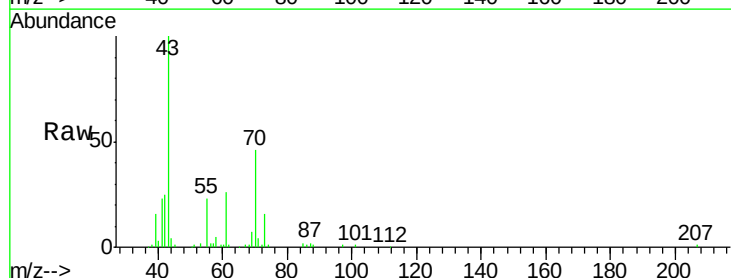
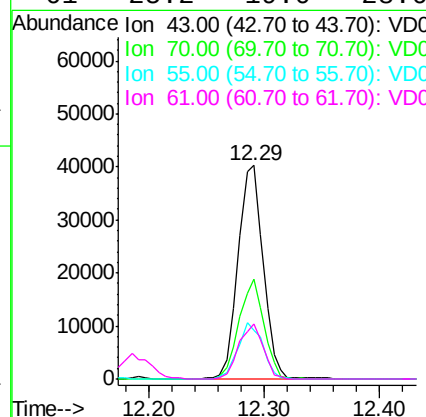
Manual Integrations  
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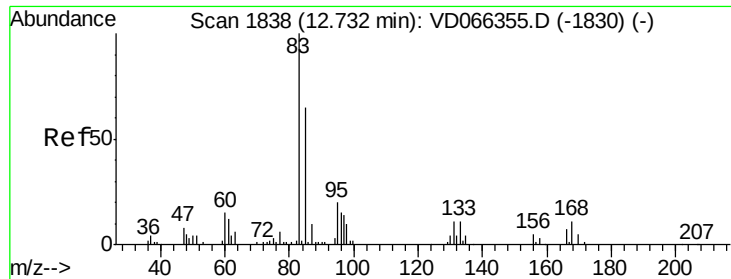
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8/28/2020 3:19:03 PM



#74  
N-ethyl acetate  
Concen: 45.810 ug/l  
RT: 12.29 min Scan# 1763  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 46.0  | 34.8  | 52.2  |
| 55      | 25.9  | 20.3  | 30.5  |
| 61      | 25.2  | 19.0  | 28.6  |





#75

1,1,2,2-Tetrachloroethane

Concen: 42.695 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Instrument :

MSVOA\_D

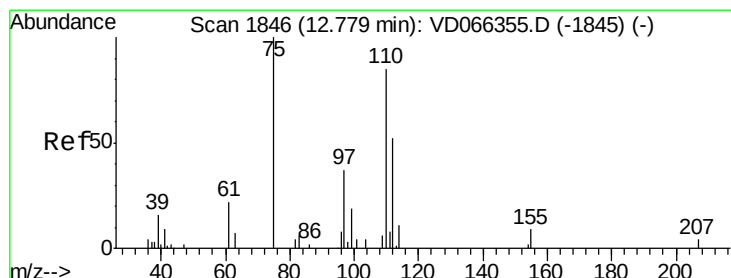
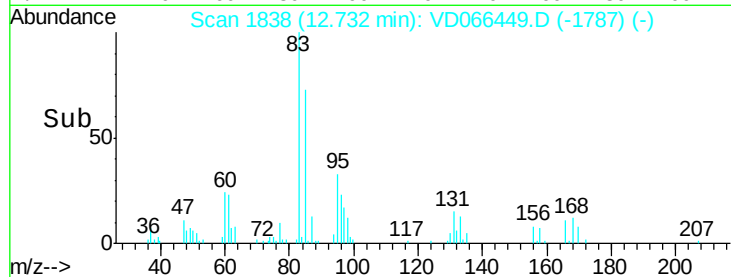
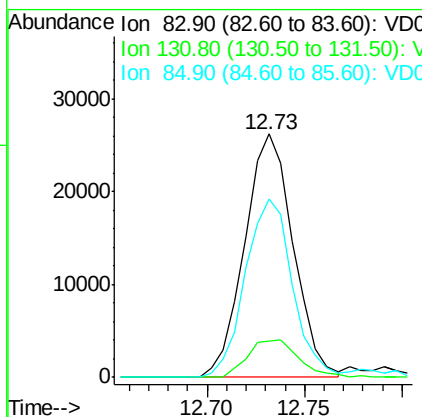
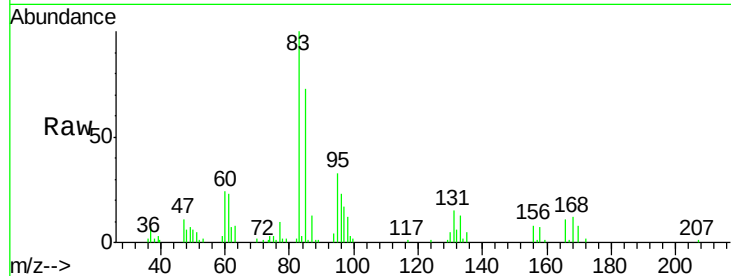
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 45090 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 16.3  | 7.0   | 20.9  |
| 85        | 71.6  | 32.4  | 97.0  |

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#76

1,2,3-Trichloropropane

Concen: 45.790 ug/l m

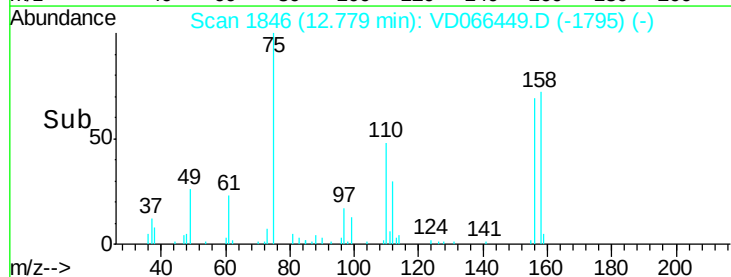
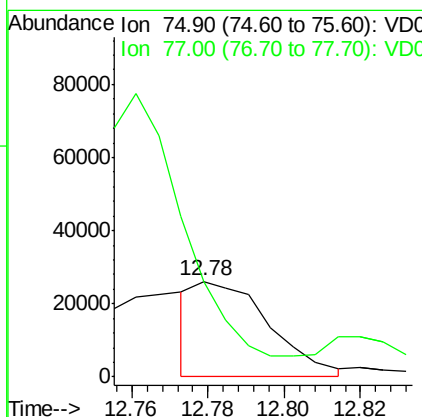
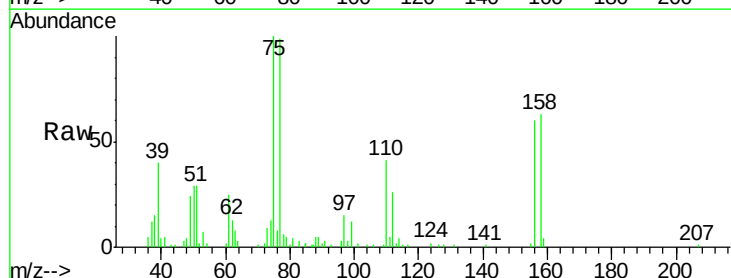
RT: 12.78 min Scan# 1846

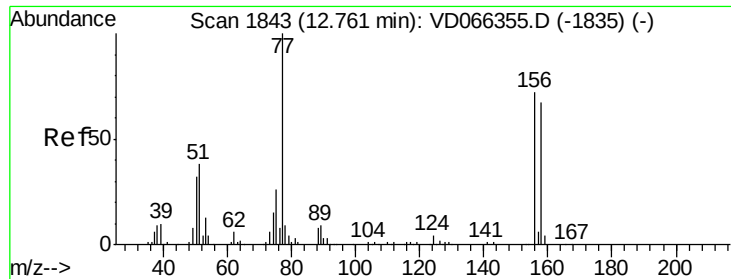
Delta R.T. 0.00 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 35551 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 400.3 | 182.9 | 548.9 |





#77

Bromobenzene

Concen: 51.257 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Instrument :

MSVOA\_D

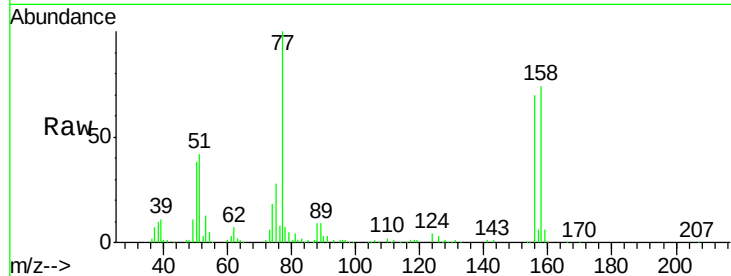
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 156     | 100   |       |       |       |
| 77      | 148.0 | 76.1  | 228.3 |       |
| 158     | 100.6 | 47.6  | 142.9 |       |

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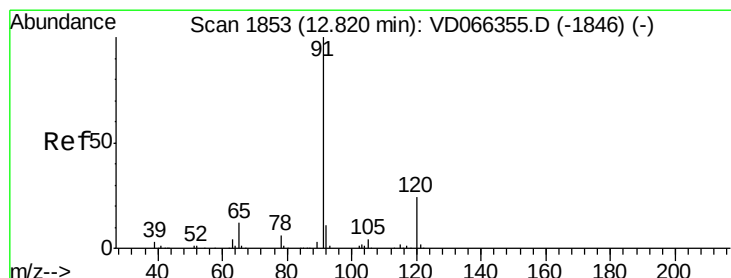
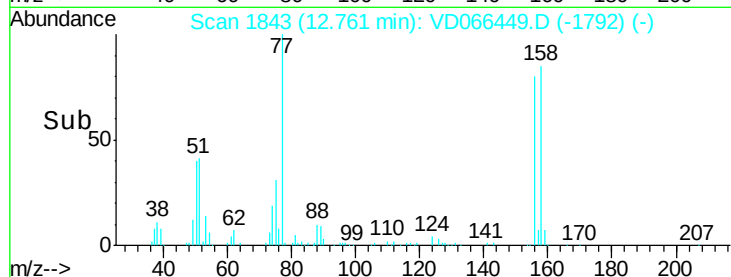
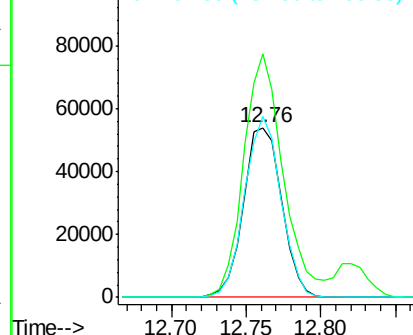


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.353 ug/l

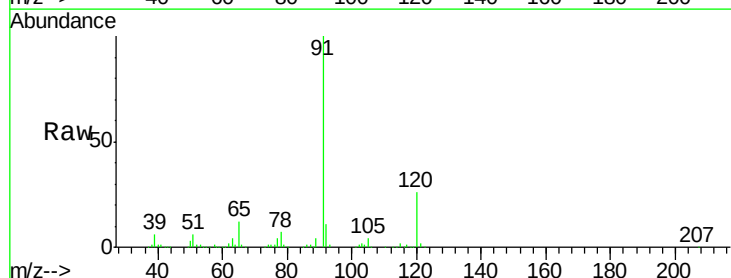
RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

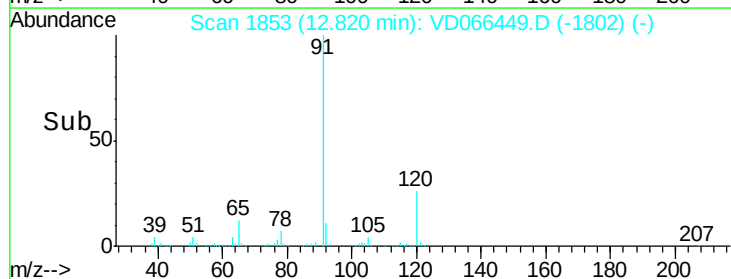
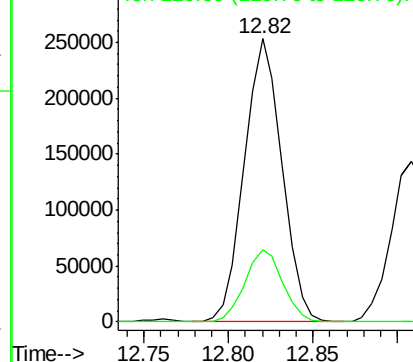
| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 120     | 25.6 | 12.0  | 36.0  |       |

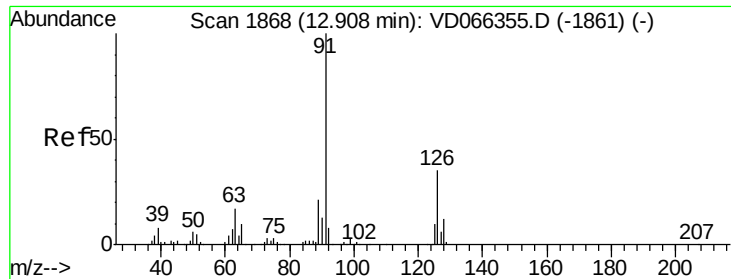


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.188 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 238140

Ion Ratio Lower Upper

91 100

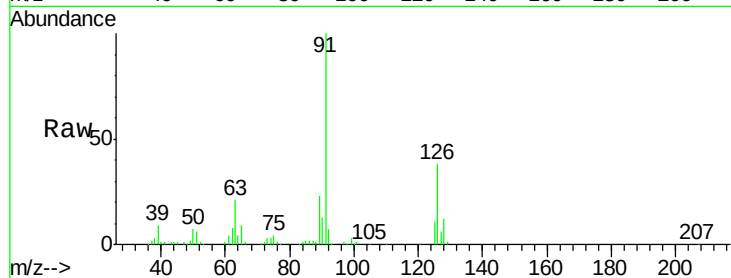
126 36.3 17.7 53.1

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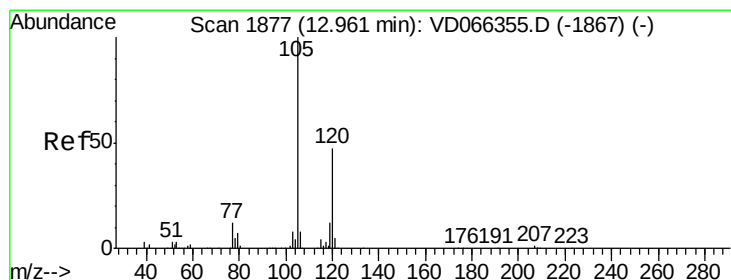
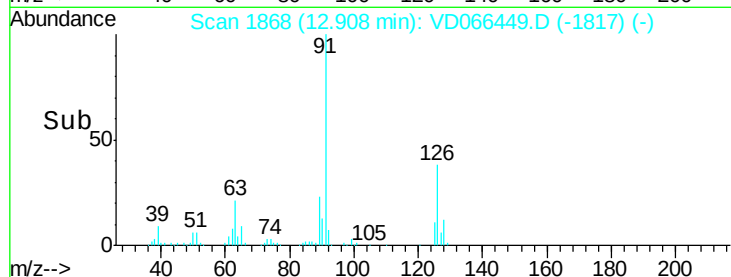
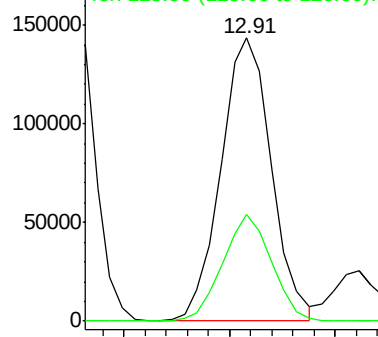
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Abundance Ion 91.00 (90.70 to 91.70): VD

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.661 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066449.D

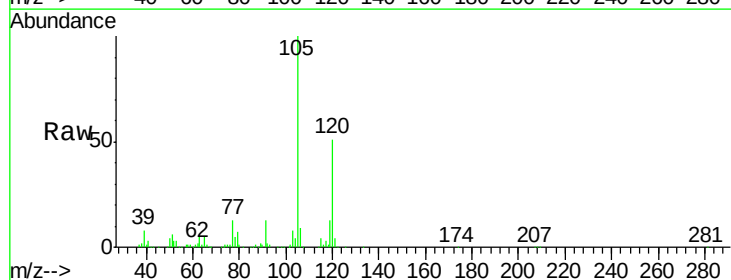
Acq: 27 Aug 2020 20:57

Tgt Ion:105 Resp: 316994

Ion Ratio Lower Upper

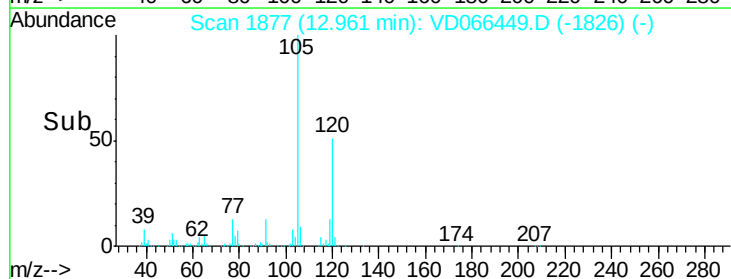
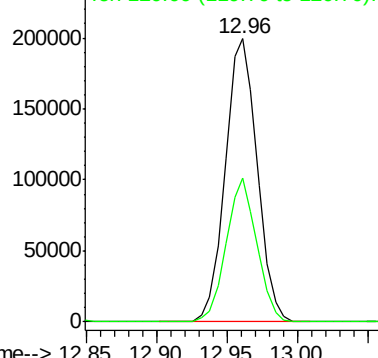
105 100

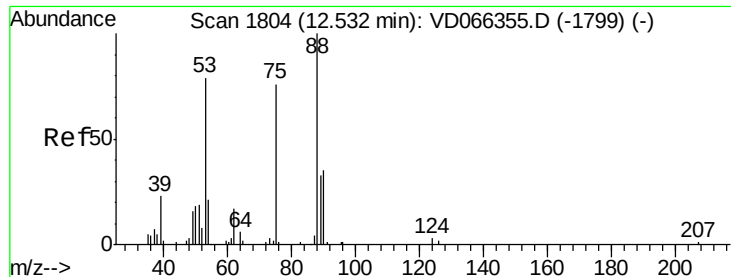
120 48.7 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.421 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Instrument :

MSVOA\_D

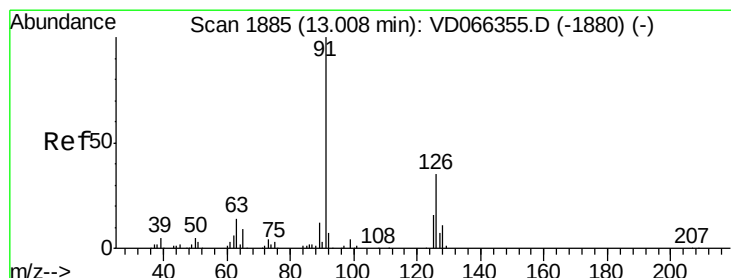
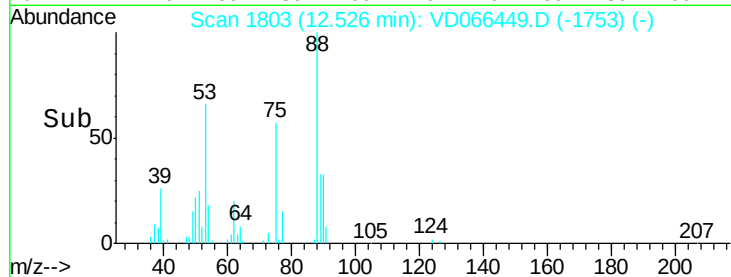
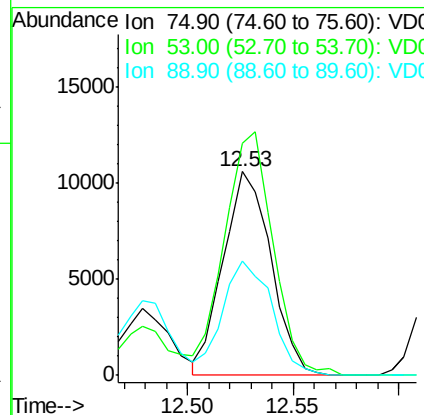
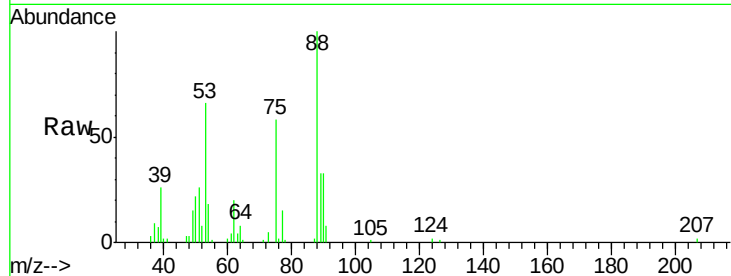
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 121.4 | 87.4  | 131.2 |
| 89      | 58.4  | 39.4  | 59.0  |

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#82

4-Chlorotoluene

Concen: 49.150 ug/l

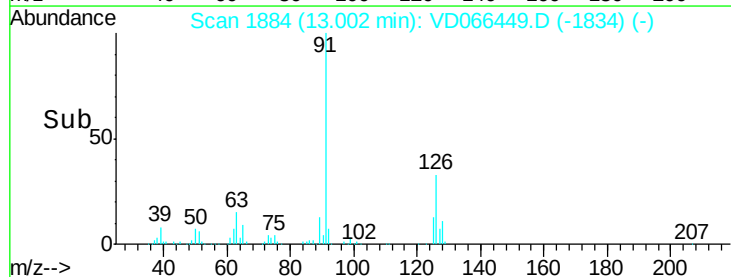
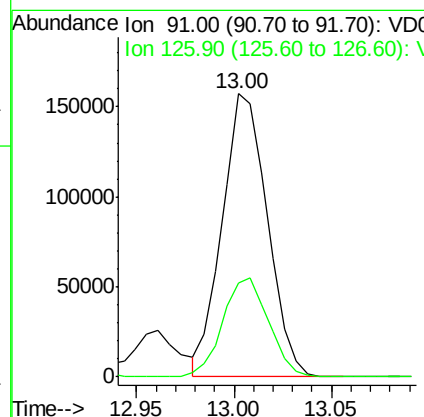
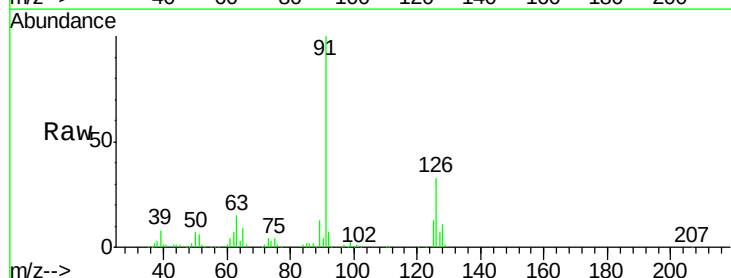
RT: 13.00 min Scan# 1884

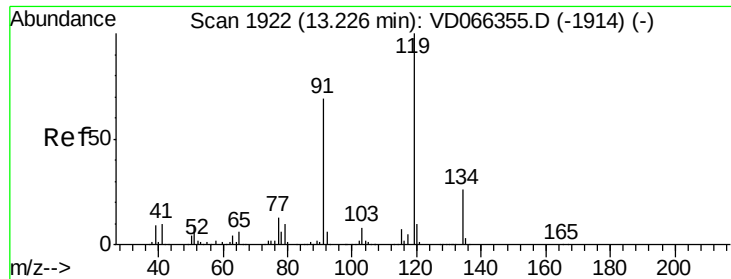
Delta R.T. -0.01 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.6  | 17.4  | 52.2  |





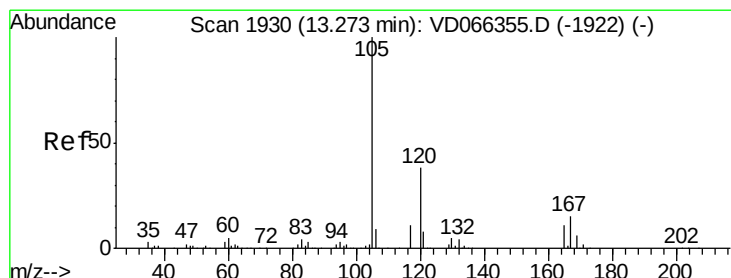
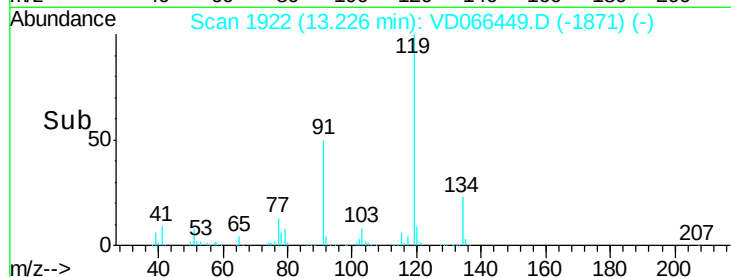
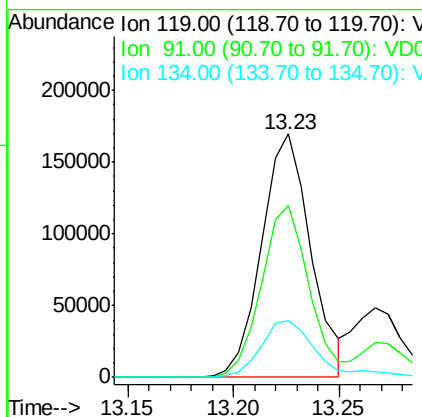
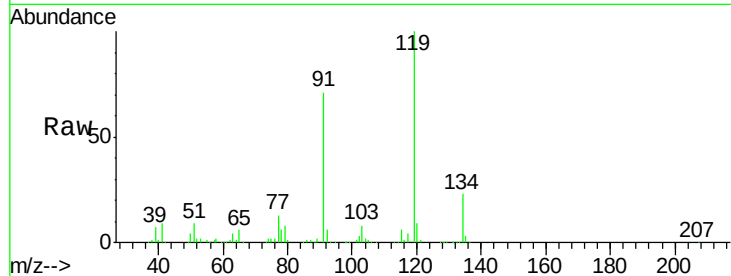
#83  
 tert-Butylbenzene  
 Concen: 49.499 ug/l  
 RT: 13.23 min Scan# 1922  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 68.0  | 33.5  | 100.5 |
| 134     | 26.9  | 13.5  | 40.4  |

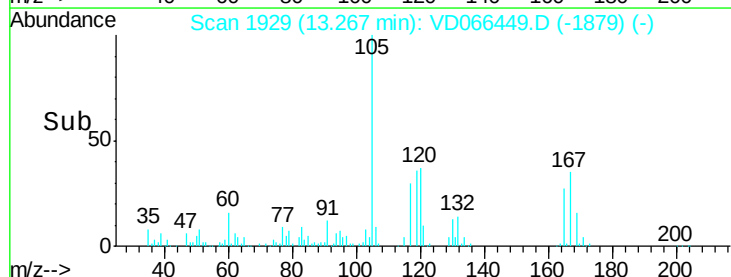
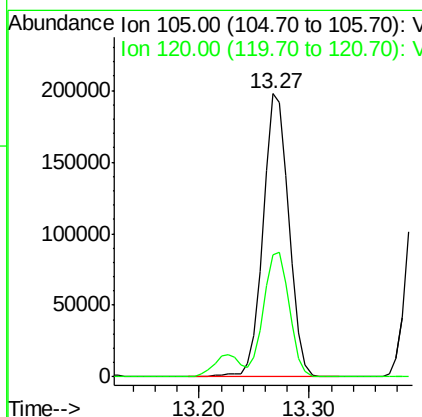
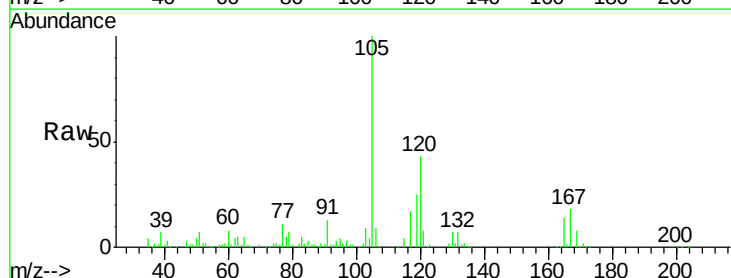
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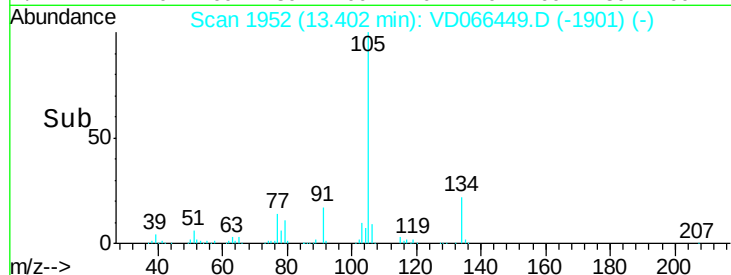
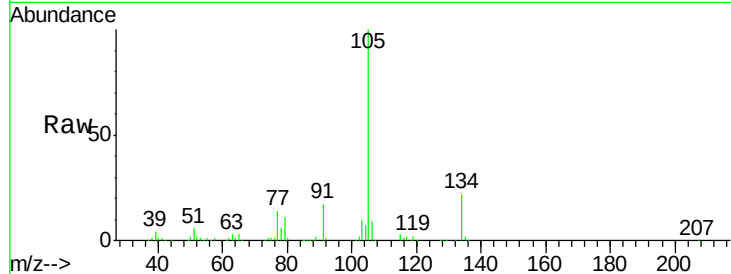
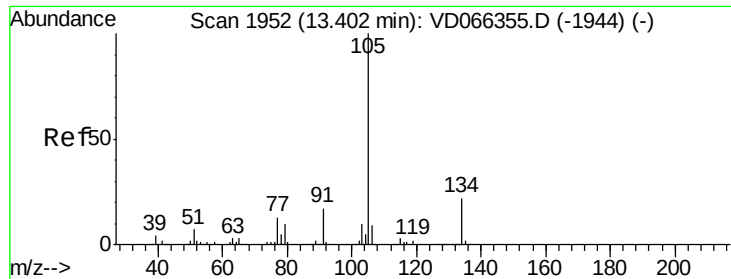
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.571 ug/l  
 RT: 13.27 min Scan# 1929  
 Delta R.T. -0.01 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.0  | 22.6  | 67.7  |





#85

sec-Butylbenzene

Concen: 46.582 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

Tot Ion:105 Resp: 338378

Ion Ratio Lower Upper

105 100

134 22.5 10.8 32.4

Instrument :

MSVOA\_D

ClientSampleId :

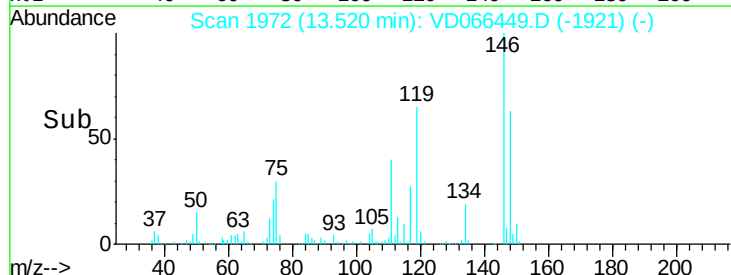
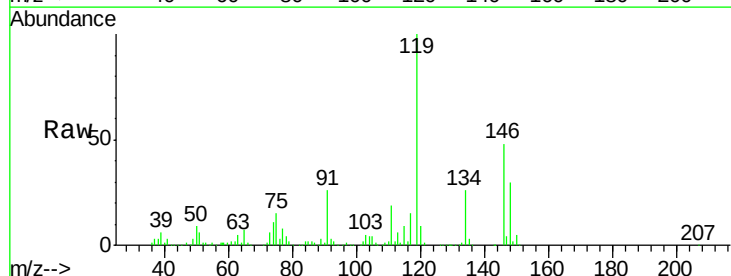
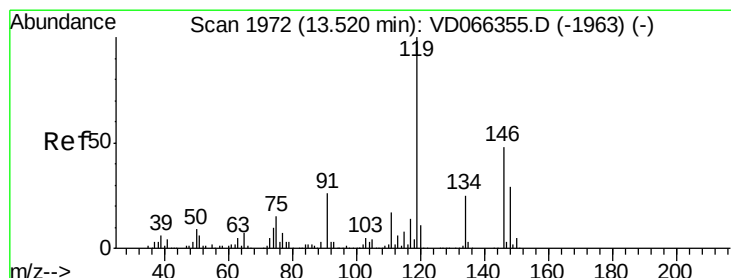
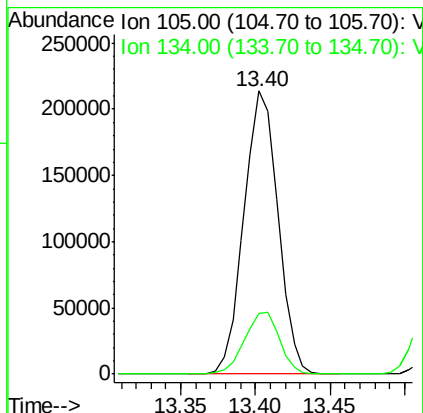
VSTDCCC050EC

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#86

p-Isopropyltoluene

Concen: 48.622 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066449.D

Acq: 27 Aug 2020 20:57

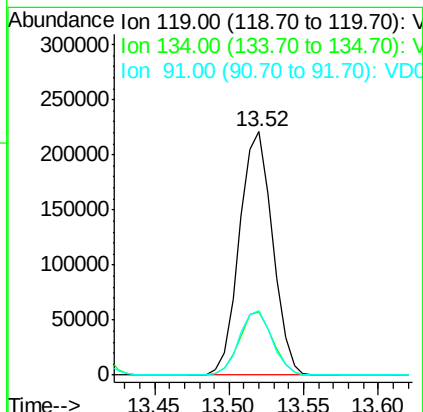
Tgt Ion:119 Resp: 340571

Ion Ratio Lower Upper

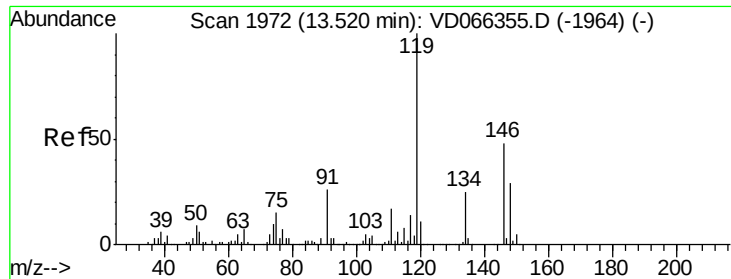
119 100

134 26.1 12.8 38.3

91 26.2 12.7 38.0







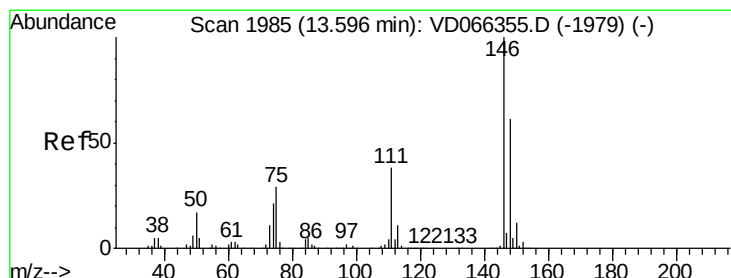
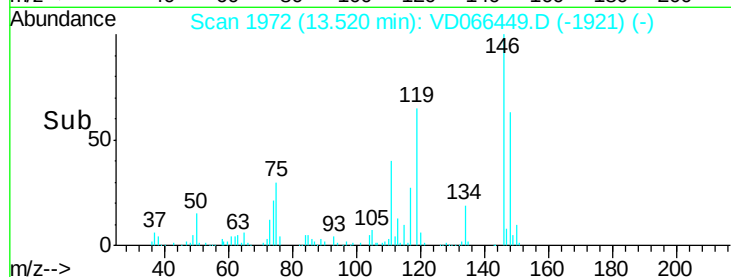
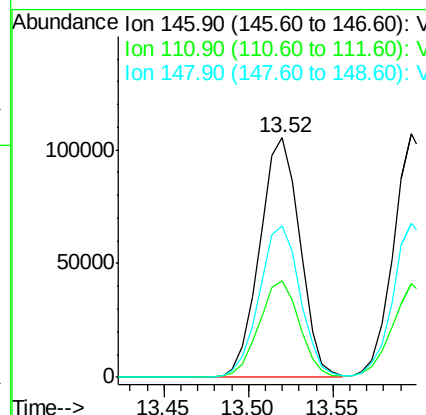
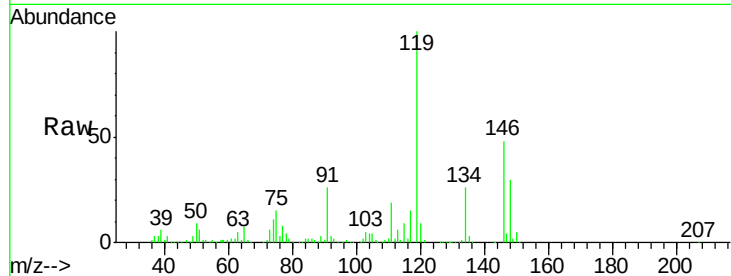
#87  
 1,3-Dichlorobenzene  
 Concen: 49.566 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.6  | 18.9  | 56.9  |
| 148     | 64.7  | 31.8  | 95.3  |

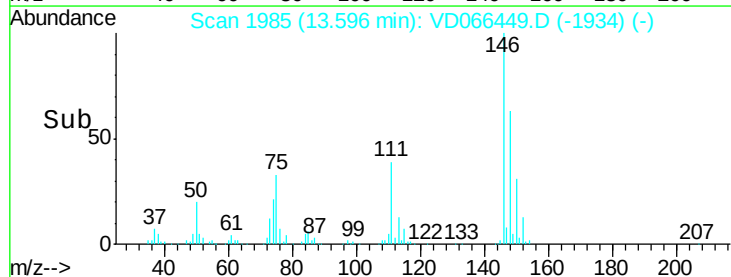
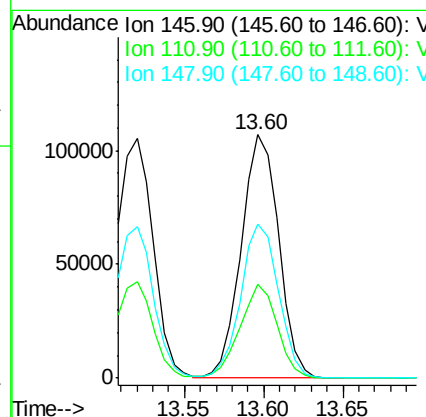
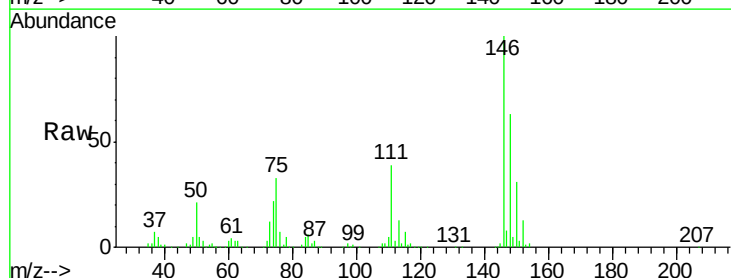
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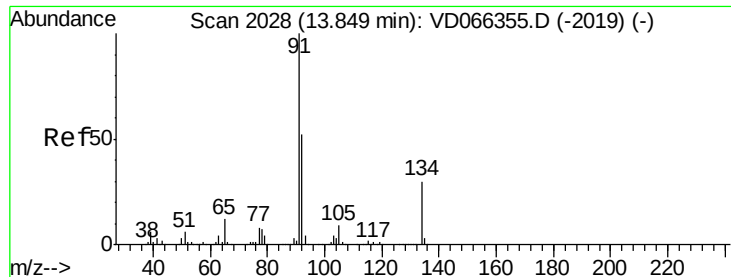
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 50.004 ug/l  
 RT: 13.60 min Scan# 1985  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.2  | 19.1  | 57.5  |
| 148     | 63.6  | 32.1  | 96.3  |





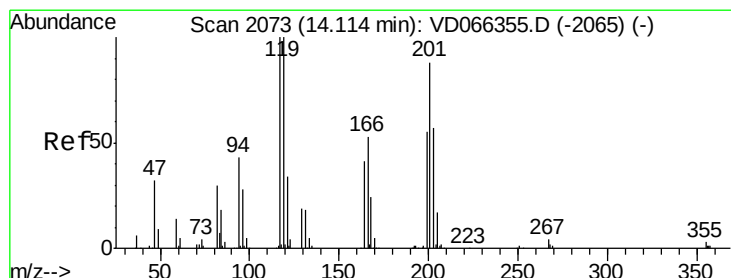
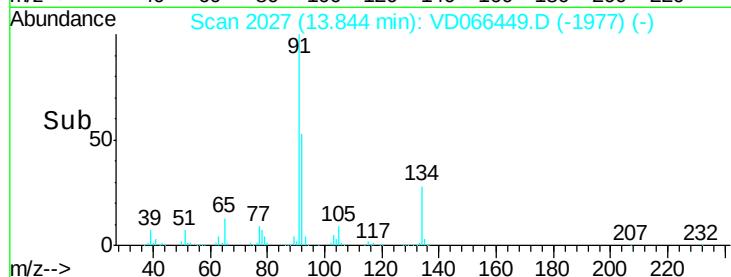
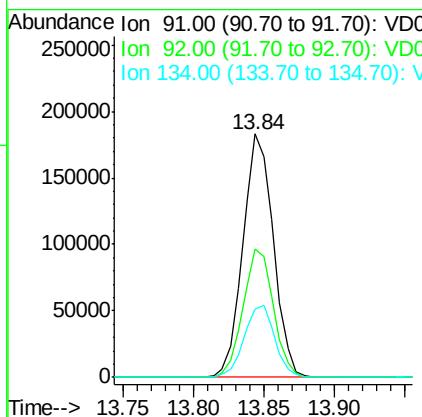
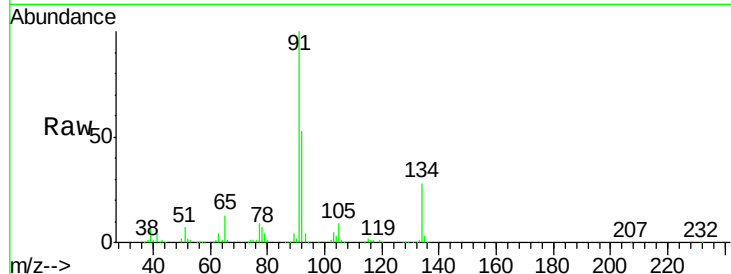
#89  
n-Butylbenzene  
Concen: 44.772 ug/l  
RT: 13.84 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.7  | 26.4  | 79.0  |
| 134     | 29.7  | 14.4  | 43.4  |

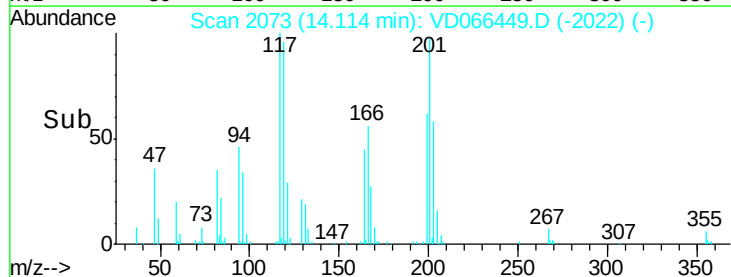
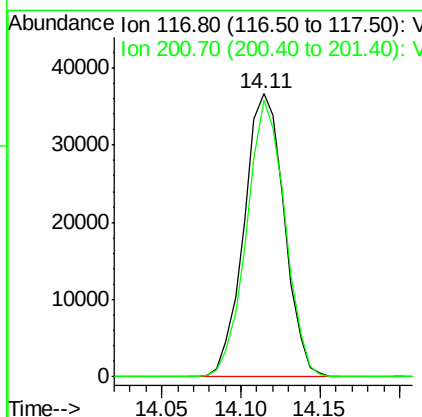
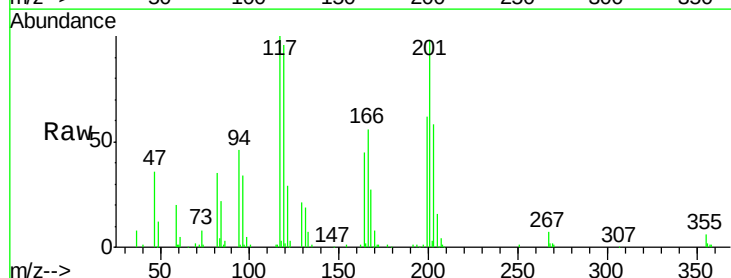
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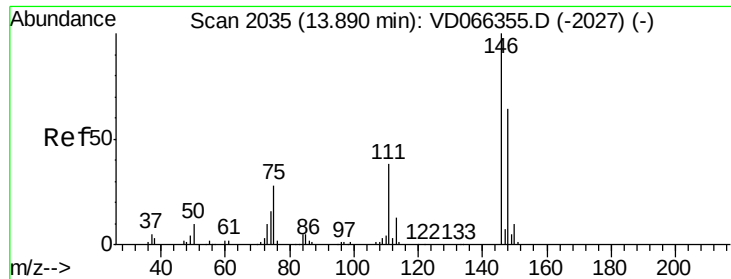
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#90  
Hexachloroethane  
Concen: 46.770 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 93.1  | 45.4  | 136.2 |





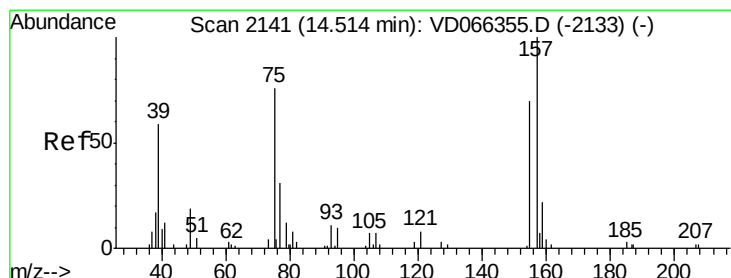
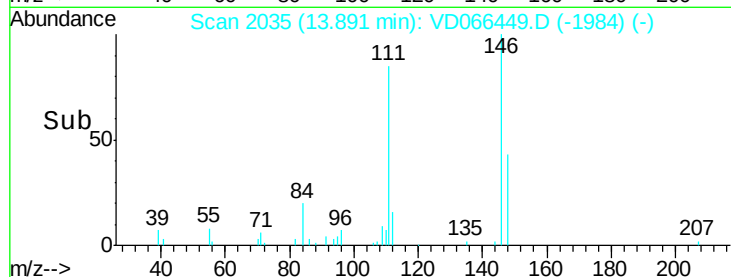
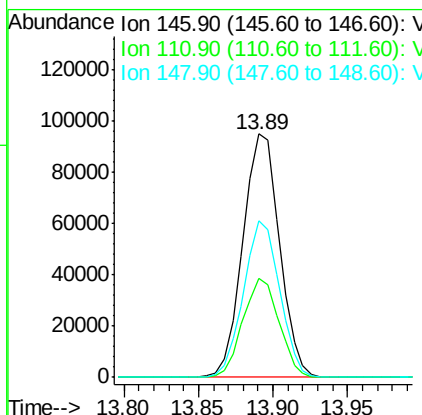
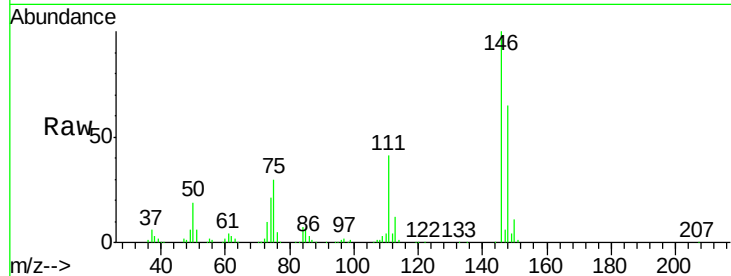
#91  
 1,2-Dichlorobenzene  
 Concen: 53.428 ug/l  
 RT: 13.89 min Scan# 2035  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.2  | 19.9  | 59.7  |
| 148     | 63.4  | 32.6  | 97.8  |

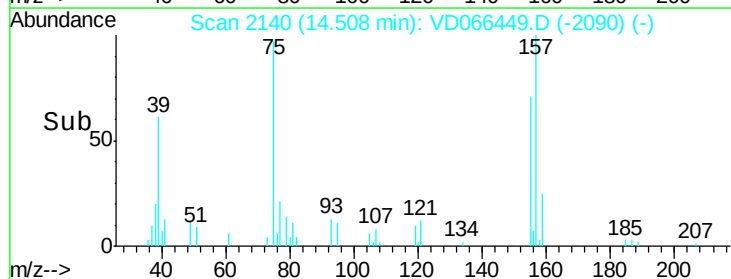
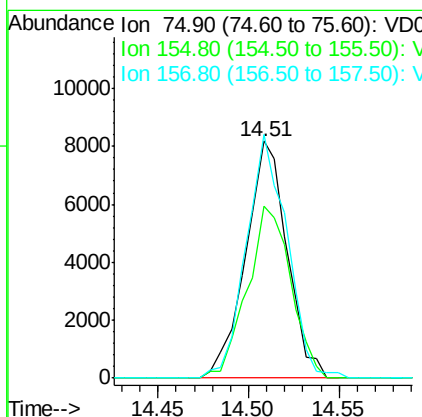
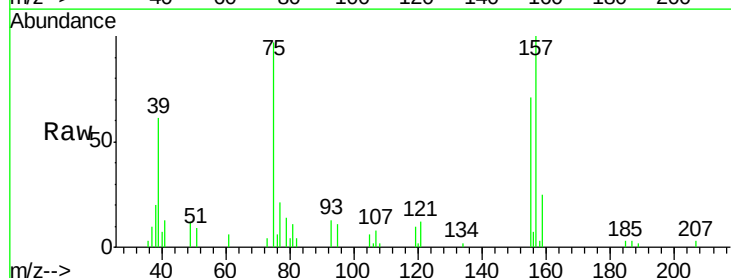
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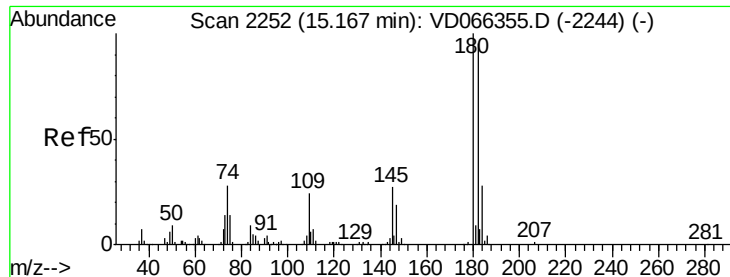
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 58.649 ug/l  
 RT: 14.51 min Scan# 2140  
 Delta R.T. -0.01 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 76.3  | 46.9  | 140.6 |
| 157     | 101.0 | 61.0  | 183.0 |





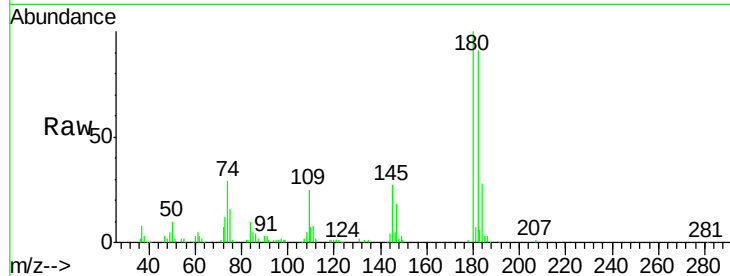
#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.618 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

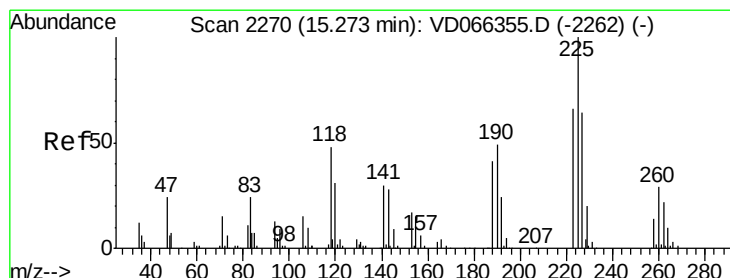
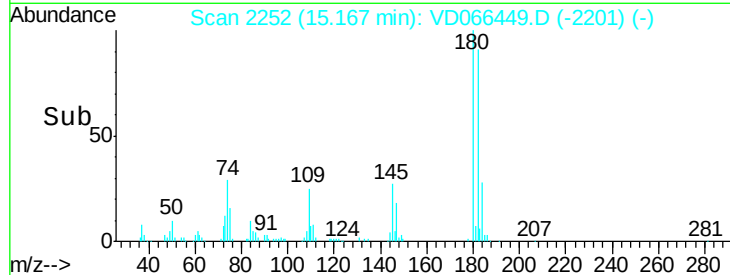
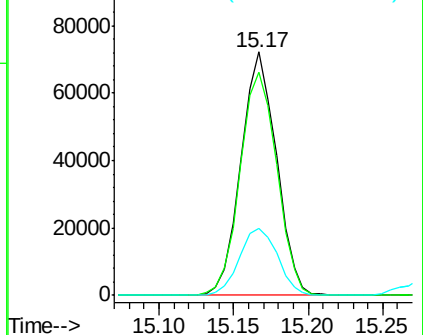
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 180   | Resp: | 119155 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.1  | 48.0  | 144.0  |
| 145       | 29.9  | 15.2  | 45.6   |

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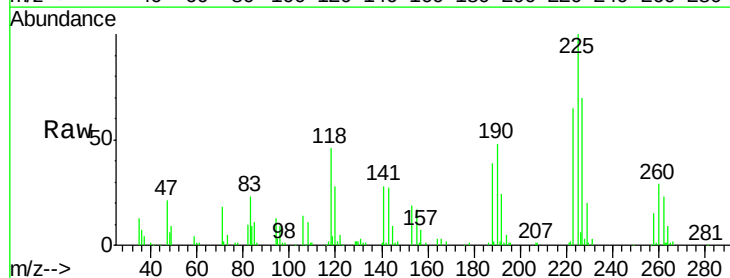


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

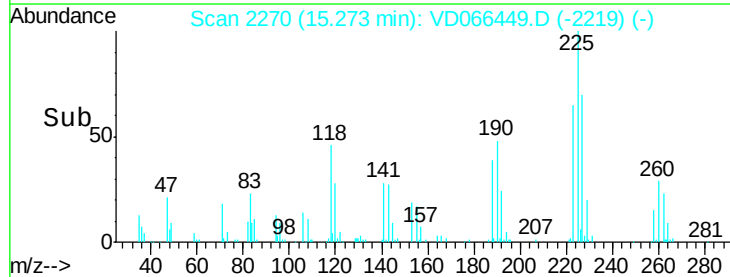
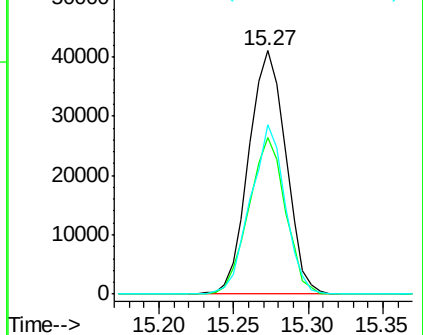


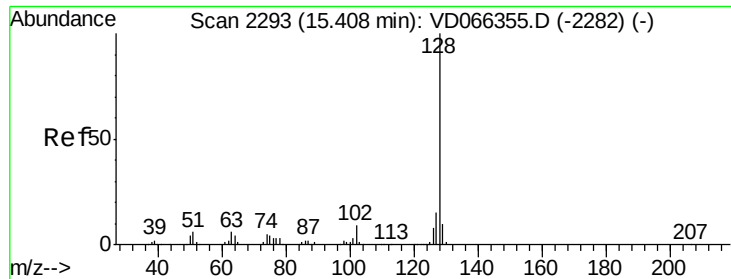
#94  
 Hexachlorobutadiene  
 Concen: 48.174 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. 0.00 min  
 Lab File: VD066449.D  
 Acq: 27 Aug 2020 20:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 70473 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.3  | 32.5  | 97.4  |
| 227       | 65.0  | 33.0  | 98.9  |



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





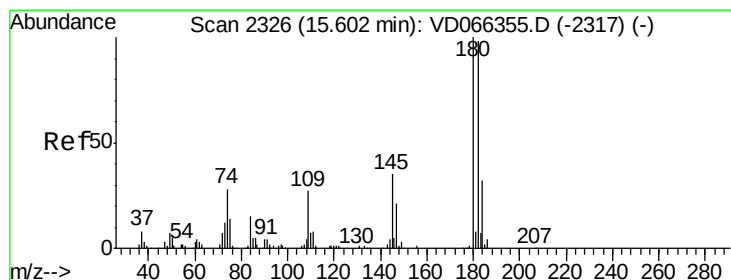
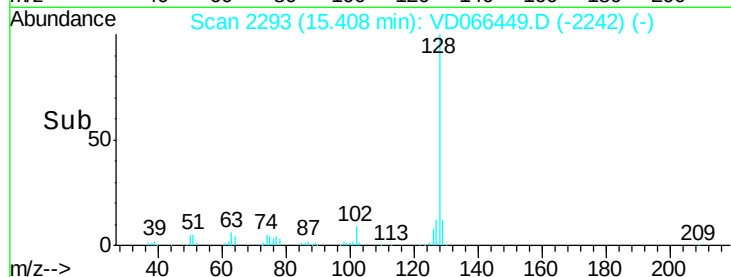
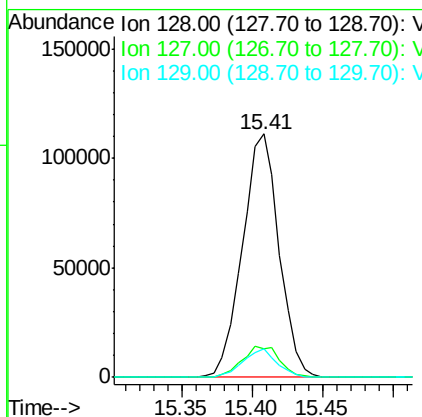
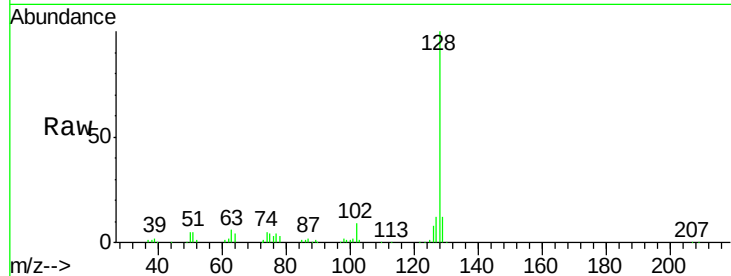
#95  
Naphthalene  
Concen: 54.622 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.2  | 10.7  | 16.1  |
| 129     | 10.8  | 8.6   | 12.8  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 53.475 ug/l  
RT: 15.60 min Scan# 2326  
Delta R.T. 0.00 min  
Lab File: VD066449.D  
Acq: 27 Aug 2020 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 90.7  | 46.7  | 140.0 |
| 145     | 32.1  | 16.0  | 48.0  |

