

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD091520\  
 Data File : VD066700.D  
 Acq On : 15 Sep 2020 15:43  
 Operator : VA/SY  
 Sample : VSTDICC150  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC150

Quant Time: Sep 15 16:21:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D091520S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 15 16:17:06 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 448177   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.86  | 114  | 717802   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 658475   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 310828   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 665862   | 139.25 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 278.50% |      |
| 35) Dibromofluoromethane  | 7.91   | 113 | 631946   | 143.60 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 287.20% |      |
| 50) Toluene-d8            | 10.34  | 98  | 2424658  | 154.64 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 309.28% |      |
| 62) 4-Bromofluorobenzene  | 12.63  | 95  | 825866   | 152.59 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 305.18% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 463003  | 123.588 | ug/l | 98     |
| 3) Chloromethane              | 2.21 | 50  | 627835  | 128.732 | ug/l | 100    |
| 4) Vinyl Chloride             | 2.35 | 62  | 659139  | 129.135 | ug/l | 97     |
| 5) Bromomethane               | 2.75 | 94  | 439439  | 121.363 | ug/l | 97     |
| 6) Chloroethane               | 2.91 | 64  | 417463  | 131.287 | ug/l | 91     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 1164459 | 132.081 | ug/l | 97     |
| 8) Diethyl Ether              | 3.71 | 74  | 311238  | 140.981 | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 635987  | 131.264 | ug/l | 99     |
| 10) Methyl Iodide             | 4.30 | 142 | 710209  | 154.492 | ug/l | 99     |
| 11) Tert butyl alcohol        | 5.22 | 59  | 187169  | 387.967 | ug/l | 95     |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 601617  | 134.155 | ug/l | 99     |
| 13) Acrolein                  | 3.93 | 56  | 221447  | 656.629 | ug/l | 97     |
| 14) Allyl chloride            | 4.71 | 41  | 1023527 | 142.119 | ug/l | 100    |
| 15) Acrylonitrile             | 5.42 | 53  | 674425  | 697.371 | ug/l | 98     |
| 16) Acetone                   | 4.16 | 43  | 614629  | 631.194 | ug/l | 93     |
| 17) Carbon Disulfide          | 4.41 | 76  | 1933303 | 137.195 | ug/l | 98     |
| 18) Methyl Acetate            | 4.71 | 43  | 293431  | 124.833 | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 5.48 | 73  | 1480622 | 148.229 | ug/l | 98     |
| 20) Methylene Chloride        | 4.97 | 84  | 695923  | 105.518 | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 729518  | 139.628 | ug/l | 98     |
| 22) Diisopropyl ether         | 6.36 | 45  | 2093155 | 143.036 | ug/l | 99     |
| 23) Vinyl Acetate             | 6.30 | 43  | 6188131 | 760.214 | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 6.26 | 63  | 1265426 | 136.270 | ug/l | 99     |
| 25) 2-Butanone                | 7.21 | 43  | 869631  | 685.844 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 1155725 | 134.589 | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 811789  | 142.024 | ug/l | 98     |
| 28) Bromochloromethane        | 7.54 | 49  | 456201  | 131.526 | ug/l | 97     |
| 29) Tetrahydrofuran           | 7.56 | 42  | 559917  | 721.740 | ug/l | 97     |
| 30) Chloroform                | 7.71 | 83  | 1338896 | 135.473 | ug/l | 100    |
| 31) Cyclohexane               | 7.98 | 56  | 1140792 | 135.059 | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 1251866 | 138.424 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 1045148 | 141.619 | ug/l | 99     |
| 37) Ethyl Acetate             | 7.29 | 43  | 399789  | 143.094 | ug/l | 99     |
| 38) Carbon Tetrachloride      | 8.09 | 117 | 1118375 | 142.701 | ug/l | 99     |

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 ClientSampleId :  
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D091520S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 15 16:17:06 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.35  | 83   | 1282966  | 151.984  | ug/l   | 99       |
| 40) Benzene                    | 8.35  | 78   | 2888771  | 144.685  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.56  | 41   | 554325   | 409.792  | ug/l # | 17       |
| 42) 1,2-Dichloroethane         | 8.42  | 62   | 864167   | 139.705  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.45  | 43   | 773731   | 147.133  | ug/l   | 100      |
| 44) Trichloroethene            | 9.11  | 130  | 766207   | 143.529  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.38  | 63   | 697704   | 141.352  | ug/l   | 97       |
| 46) Dibromomethane             | 9.47  | 93   | 387000   | 142.683  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.66  | 83   | 1049271  | 141.968  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.45  | 41   | 414584   | 154.993  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 83505    | 2874.104 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 2008570  | 741.892  | ug/l   | 99       |
| 52) Toluene                    | 10.40 | 92   | 1926568  | 150.625  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 998507   | 151.232  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 1171068  | 149.331  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 506877   | 141.740  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 654677   | 161.323  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 892785   | 142.259  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 1223587  | 686.512  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.98 | 43   | 1370275  | 753.263  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 688133   | 147.679  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 495982   | 144.584  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 621544   | 138.275  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.67 | 112  | 1953626  | 143.299  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 737224   | 146.561  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.74 | 91   | 3741226  | 151.503  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.85 | 106  | 2796163  | 299.596  | ug/l   | 97       |
| 69) o-Xylene                   | 12.18 | 106  | 1299298  | 157.536  | ug/l   | 96       |
| 70) Styrene                    | 12.20 | 104  | 2236156  | 154.045  | ug/l   | 99       |
| 71) Bromoform                  | 12.36 | 173  | 367310   | 145.503  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 3568996  | 153.809  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.29 | 43   | 755963   | 154.443  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 542480   | 137.583  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 752891   | 286.197  | ug/l # | 100      |
| 77) Bromobenzene               | 12.76 | 156  | 774649   | 144.844  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.82 | 91   | 4186429  | 148.003  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 2349936  | 146.923  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 2956554  | 150.694  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 185908   | 150.803  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 2427533  | 143.540  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 2484511  | 153.643  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 2952084  | 150.560  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.40 | 105  | 3489882  | 150.538  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 3227303  | 153.127  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 1492652  | 145.475  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 1454089  | 142.315  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.84 | 91   | 3050431  | 152.212  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.11 | 117  | 631916   | 145.952  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 1275899  | 145.124  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 91829    | 144.072  | ug/l   | 96       |

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Sample : VSTDICC150  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC150

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Quant Title : SW846 8260  
QLast Update : Tue Sep 15 16:17:06 2020  
Response via : Initial Calibration

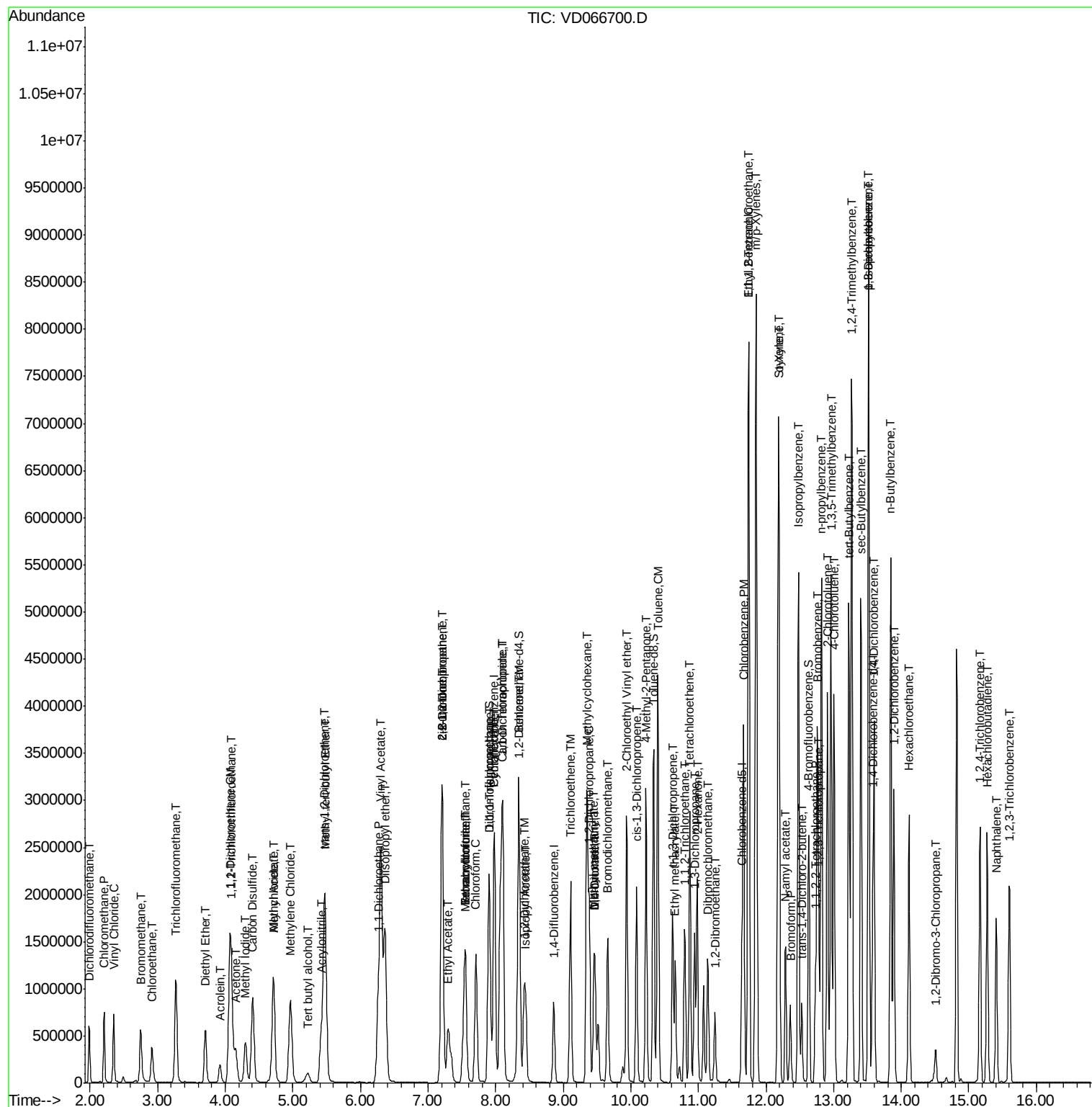
| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 833887   | 156.820 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 458532   | 143.125 | ug/l  | 100      |
| 95) Naphthalene            | 15.41 | 128  | 1527783  | 164.443 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 697369   | 150.146 | ug/l  | 98       |

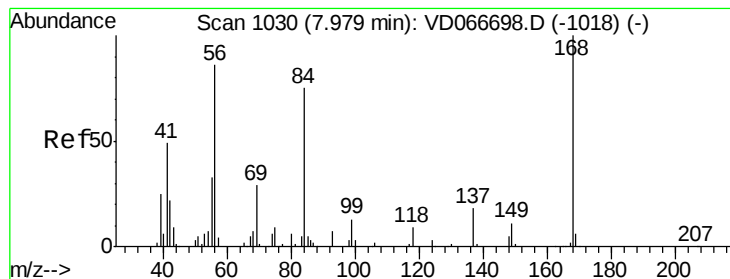
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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
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QLast Update : Tue Sep 15 16:17:06 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

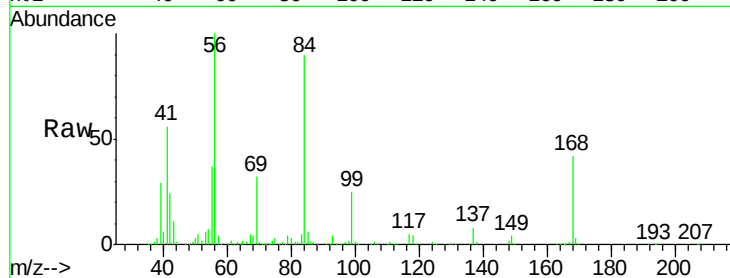
VSTDIC150

Tgt Ion:168 Resp: 448177

Ion Ratio Lower Upper

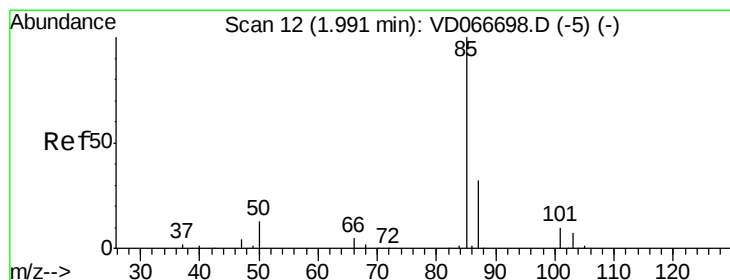
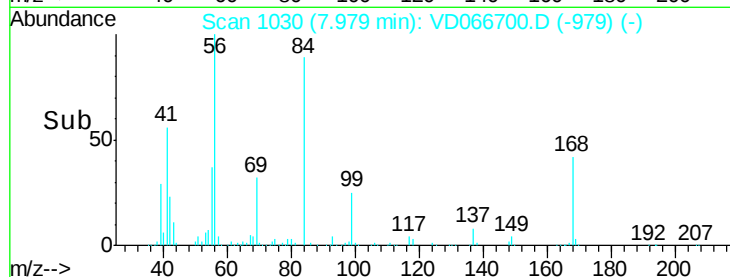
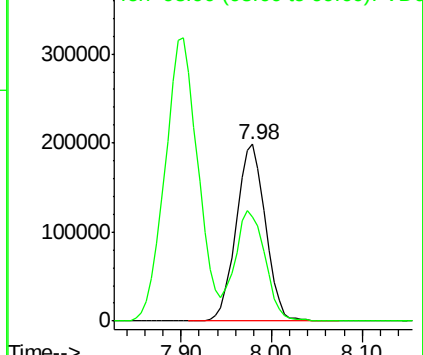
168 100

99 58.2 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 123.588 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066700.D

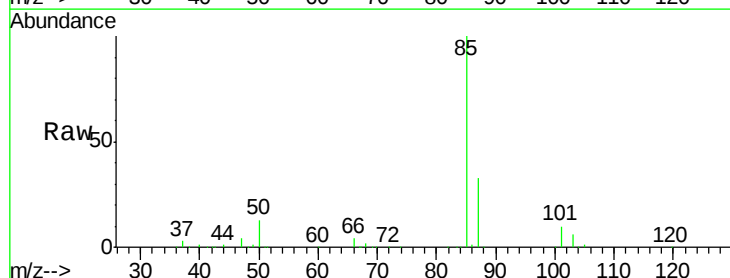
Acq: 15 Sep 2020 15:43

Tgt Ion: 85 Resp: 463003

Ion Ratio Lower Upper

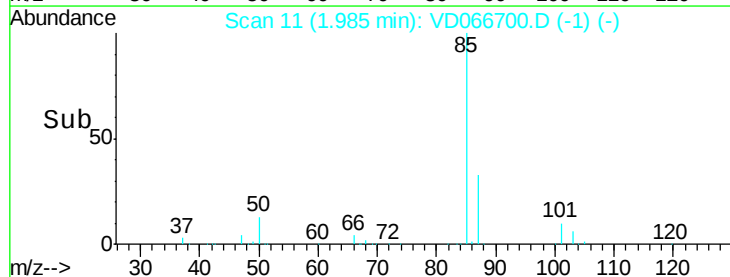
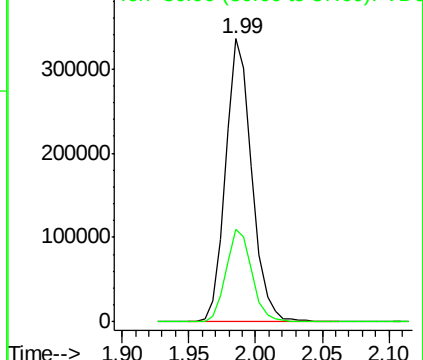
85 100

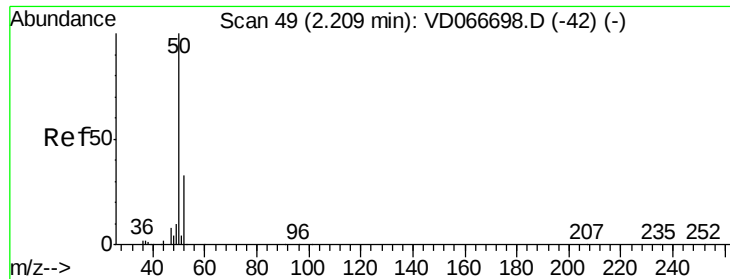
87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 128.732 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

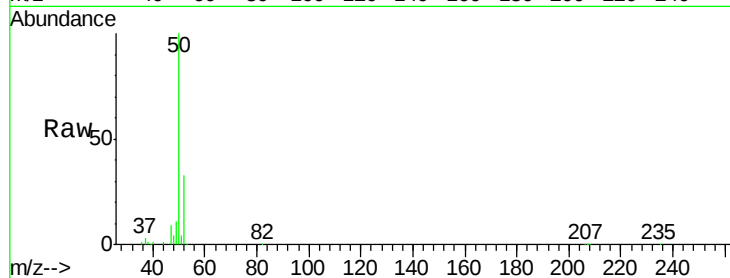
VSTDIC150

Tgt Ion: 50 Resp: 627835

Ion Ratio Lower Upper

50 100

52 33.3 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

500000

400000

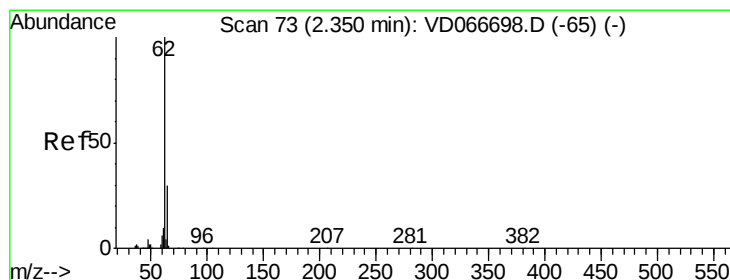
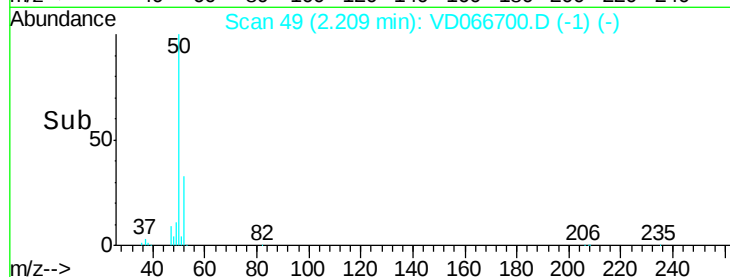
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 129.135 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066700.D

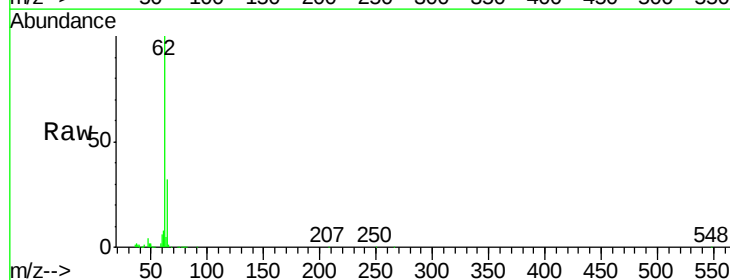
Acq: 15 Sep 2020 15:43

Tgt Ion: 62 Resp: 659139

Ion Ratio Lower Upper

62 100

64 32.3 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

500000

400000

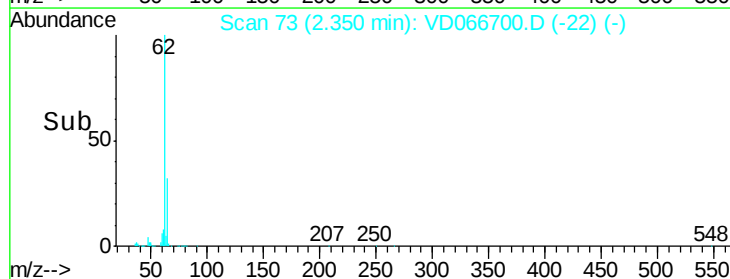
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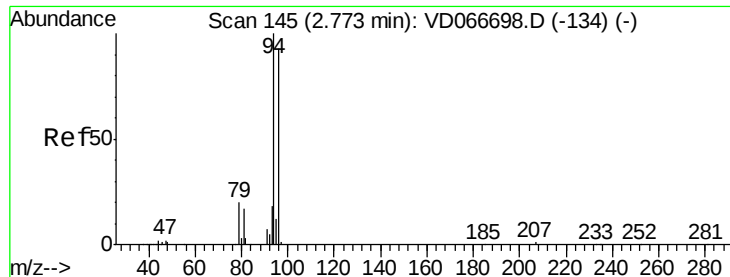
200000

100000

0

Time-->





#5

Bromomethane

Concen: 121.363 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

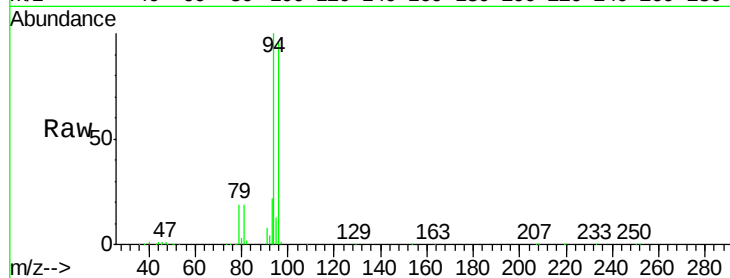
VSTDIC150

Tgt Ion: 94 Resp: 439439

Ion Ratio Lower Upper

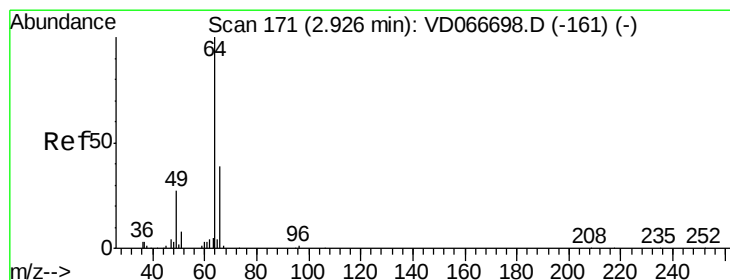
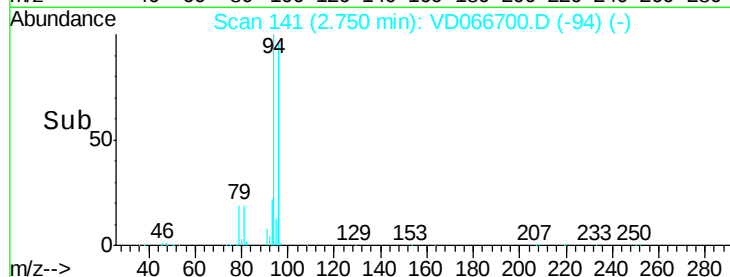
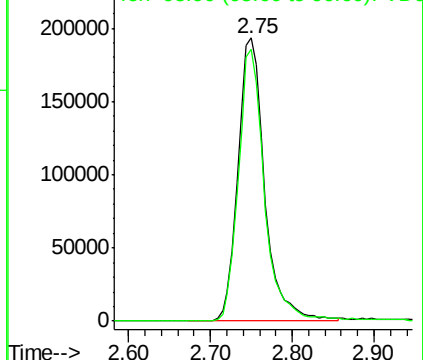
94 100

96 96.0 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 131.287 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066700.D

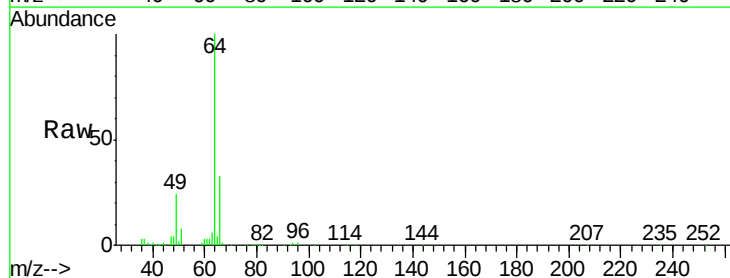
Acq: 15 Sep 2020 15:43

Tgt Ion: 64 Resp: 417463

Ion Ratio Lower Upper

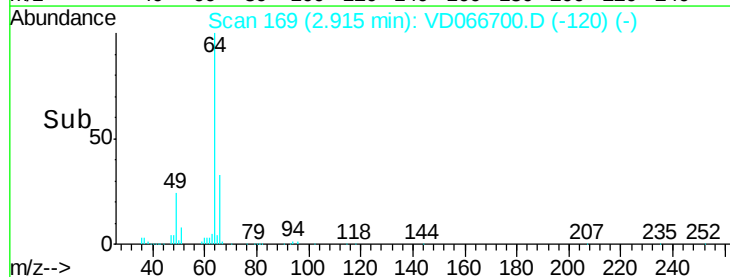
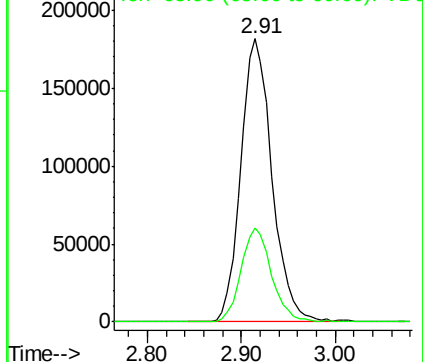
64 100

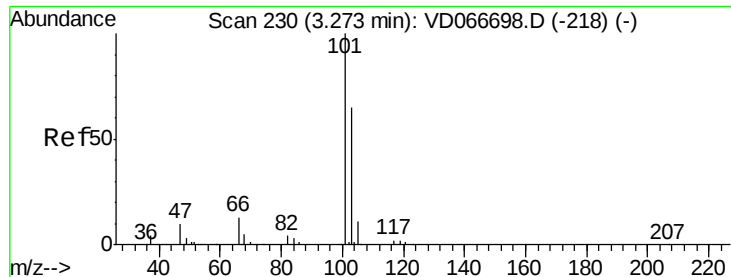
66 33.2 30.9 46.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



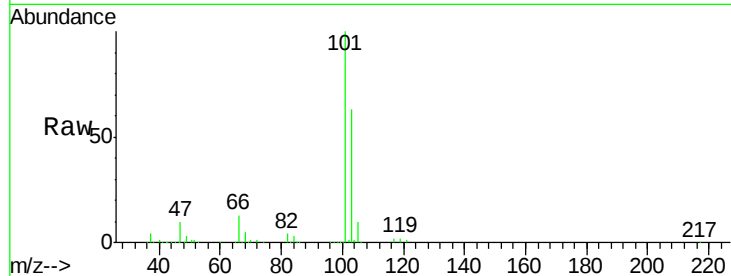


#7

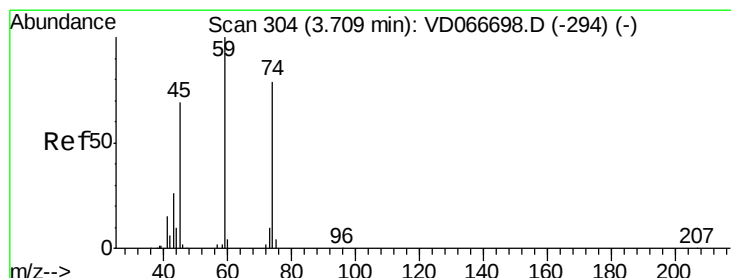
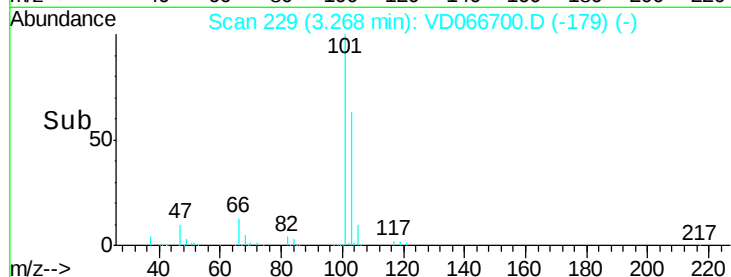
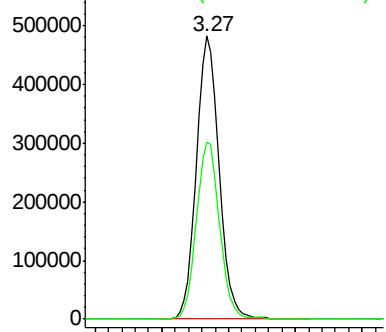
Trichlorofluoromethane  
Concen: 132.081 ug/l  
RT: 3.27 min Scan# 229  
Delta R.T. -0.01 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tgt Ion:101 Resp: 1164459  
Ion Ratio Lower Upper  
101 100  
103 62.8 51.8 77.8



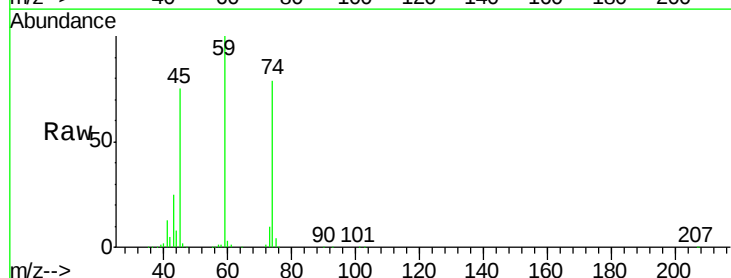
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



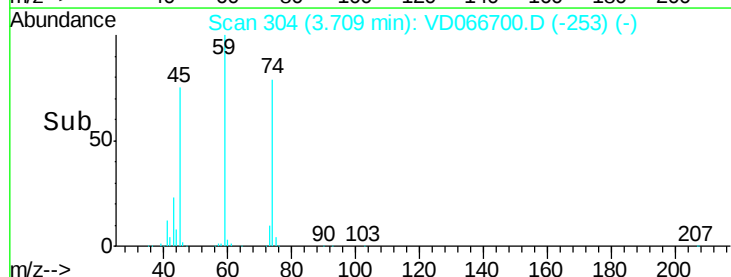
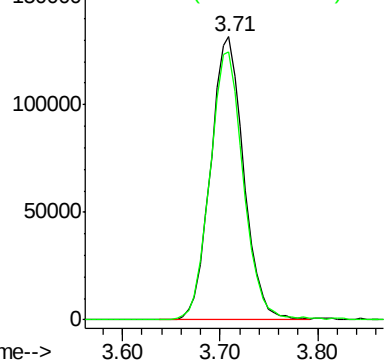
#8

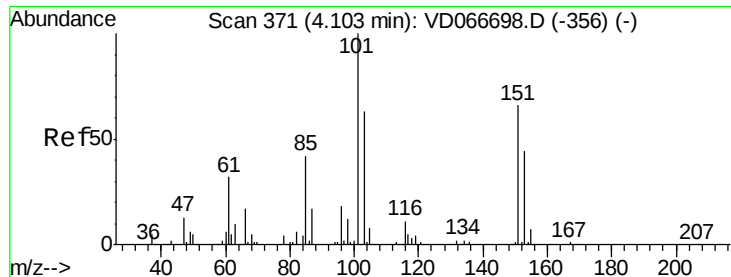
Diethyl Ether  
Concen: 140.981 ug/l  
RT: 3.71 min Scan# 304  
Delta R.T. 0.00 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

Tgt Ion: 74 Resp: 311238  
Ion Ratio Lower Upper  
74 100  
45 95.8 48.0 144.0



Abundance Ion 74.00 (73.70 to 74.70): VDC  
Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 131.264 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

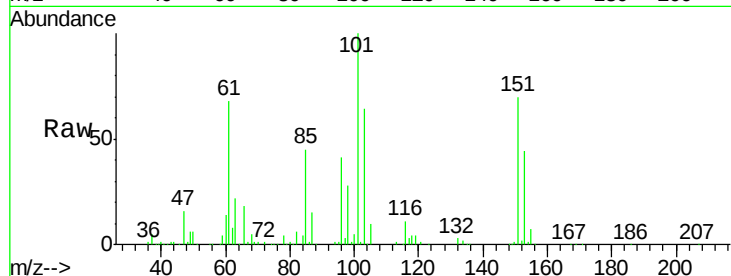
Tgt Ion:101 Resp: 635987

Ion Ratio Lower Upper

101 100

85 46.6 36.3 54.5

151 72.7 58.0 87.0

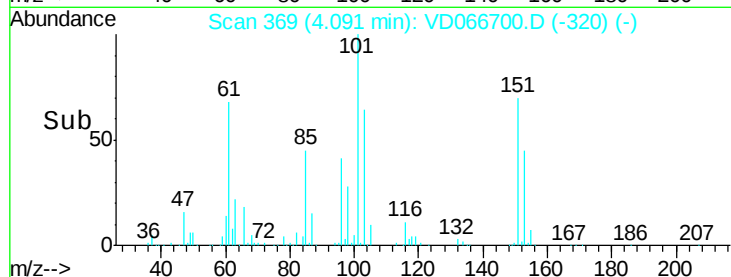


Abundance Ion 100.90 (100.60 to 101.60): V

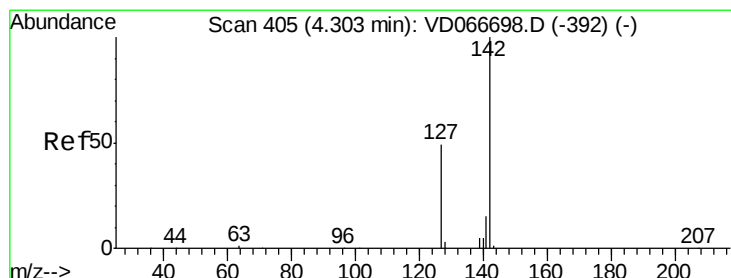
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V

Time-->



Time-->



#10

Methyl Iodide

Concen: 154.492 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

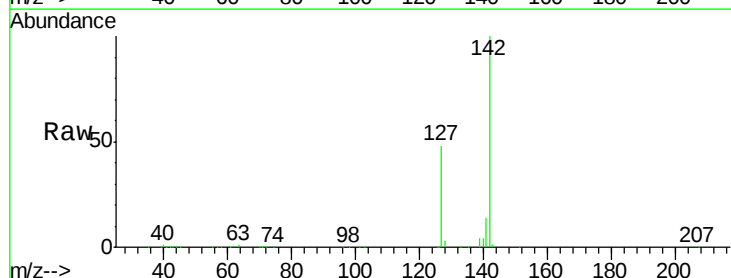
Tgt Ion:142 Resp: 710209

Ion Ratio Lower Upper

142 100

127 49.4 39.0 58.4

141 14.4 11.7 17.5

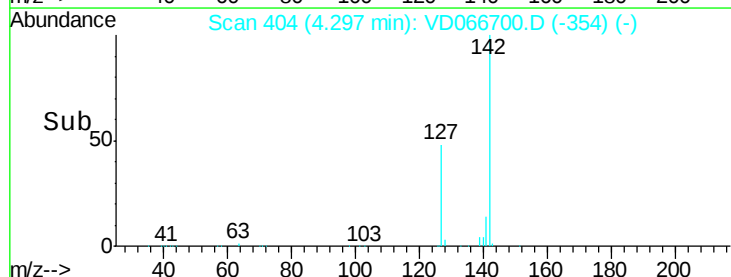


Abundance Ion 141.80 (141.50 to 142.50): V

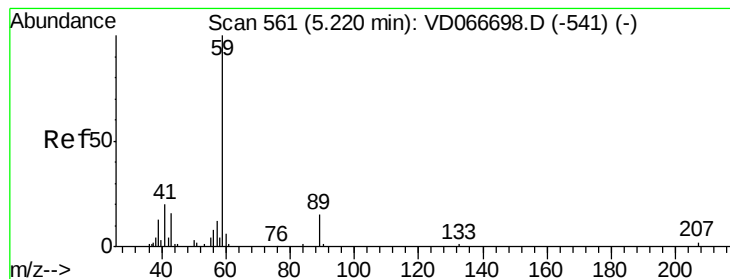
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

Time-->



Time-->

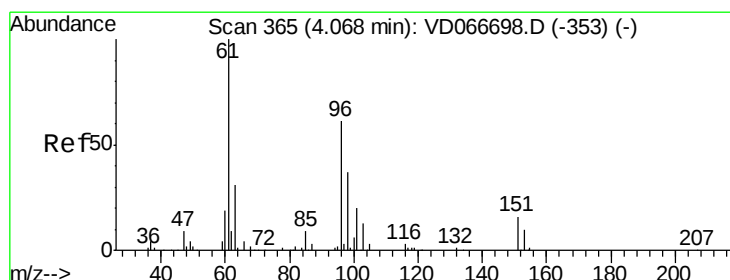
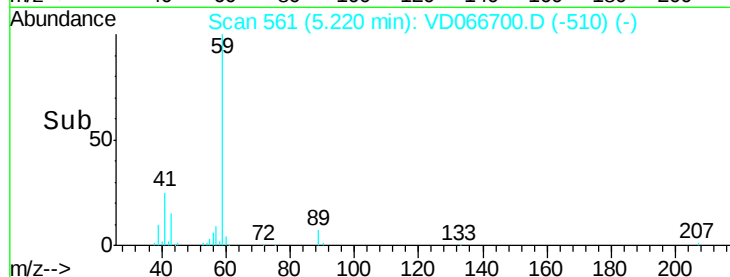
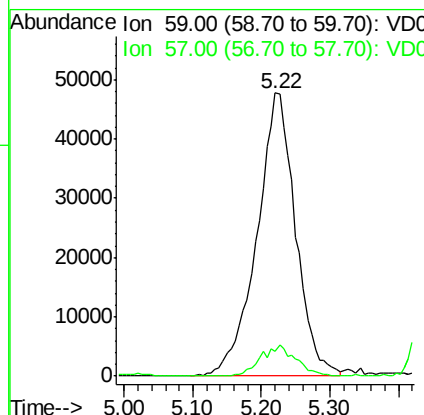
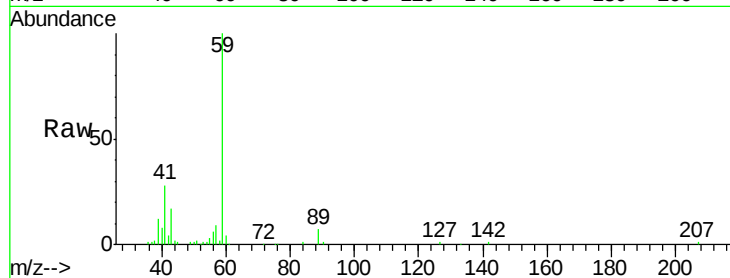


#11

Tert butyl alcohol  
 Concen: 387.967 ug/l  
 RT: 5.22 min Scan# 561  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

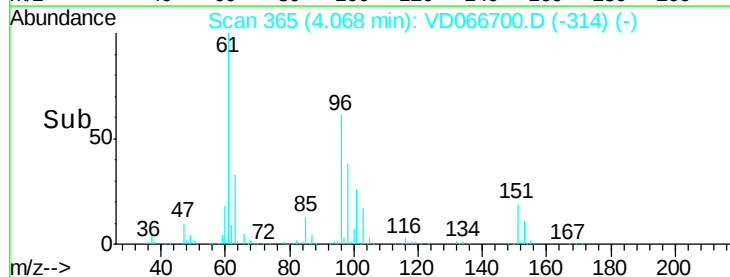
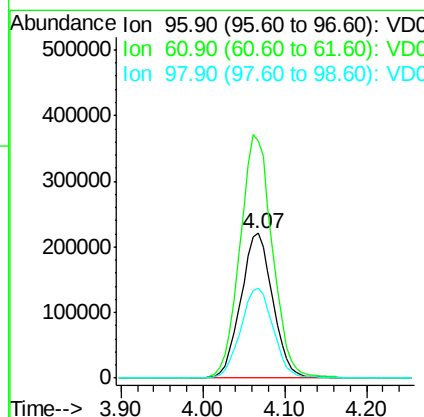
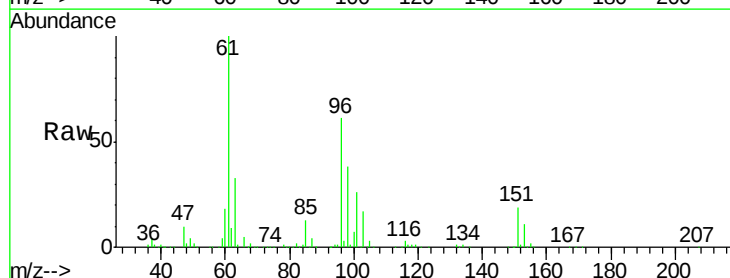
Tgt Ion: 59 Resp: 187169  
 Ion Ratio Lower Upper  
 59 100  
 57 10.1 6.7 10.1

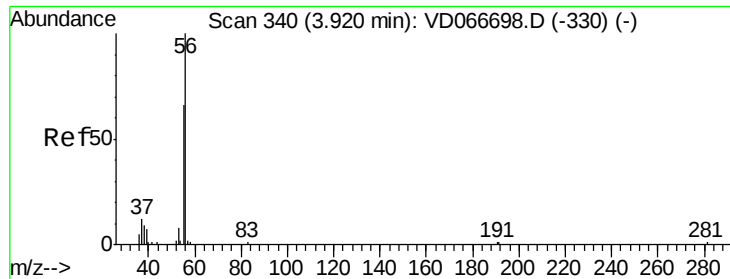


#12

1,1-Dichloroethene  
 Concen: 134.155 ug/l  
 RT: 4.07 min Scan# 365  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

Tgt Ion: 96 Resp: 601617  
 Ion Ratio Lower Upper  
 96 100  
 61 164.4 131.9 197.9  
 98 62.5 49.1 73.7





#13

Acrolein

Concen: 656.629 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

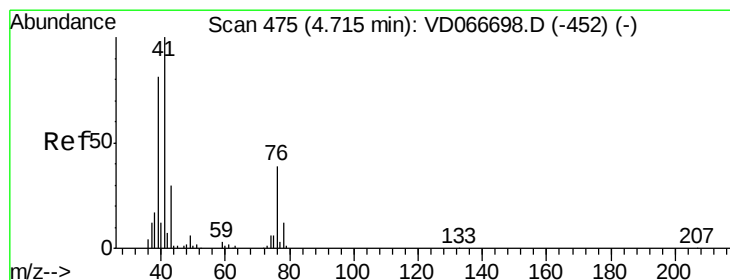
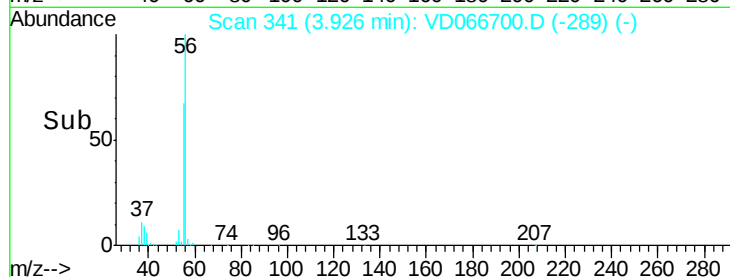
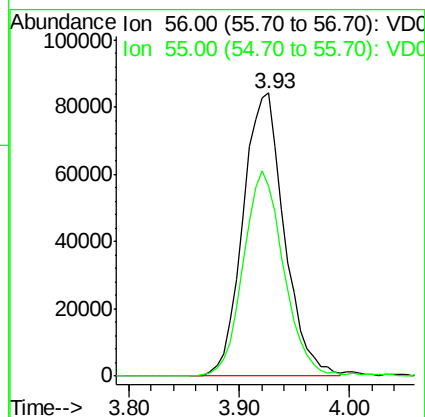
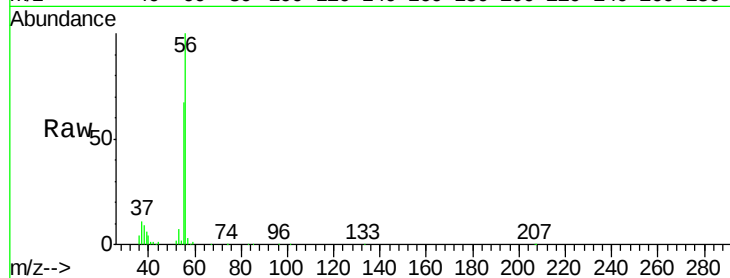
VSTDIC150

Tgt Ion: 56 Resp: 221447

Ion Ratio Lower Upper

56 100

55 70.6 54.7 82.1



#14

Allyl chloride

Concen: 142.119 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

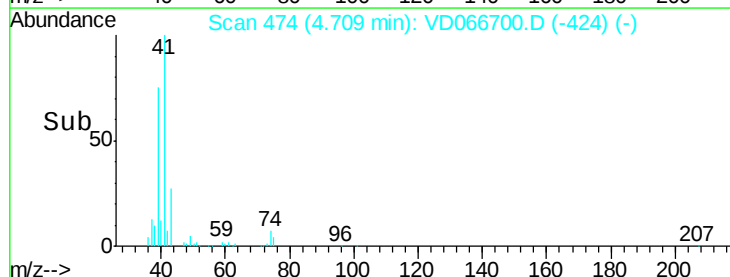
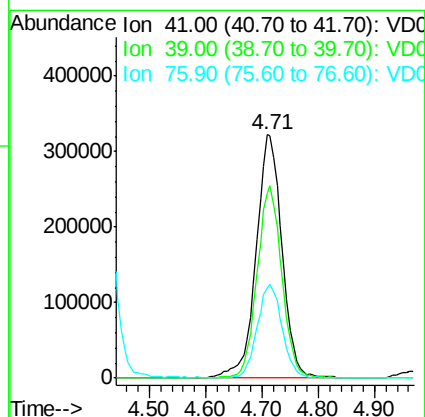
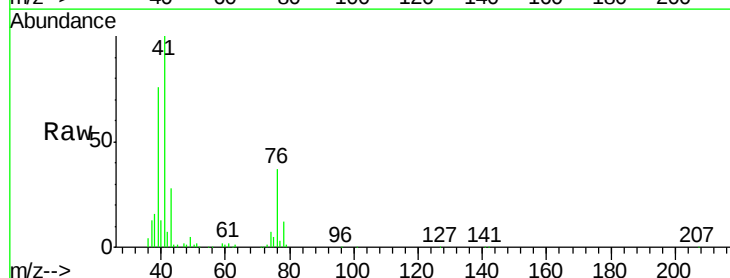
Tgt Ion: 41 Resp: 1023527

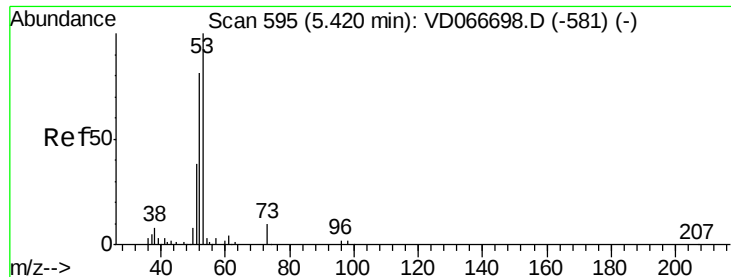
Ion Ratio Lower Upper

41 100

39 75.4 60.6 90.8

76 36.5 29.2 43.8





#15

Acrylonitrile

Concen: 697.371 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

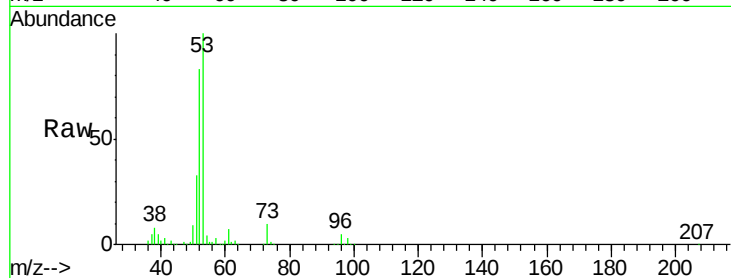
Tgt Ion: 53 Resp: 674425

Ion Ratio Lower Upper

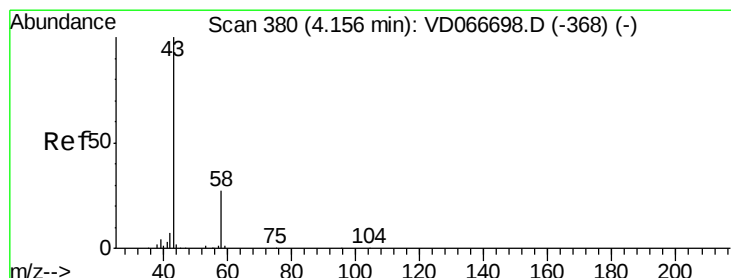
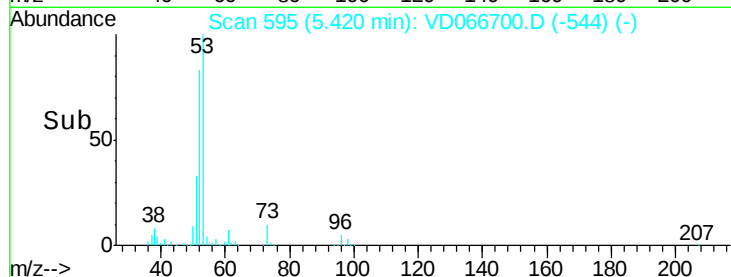
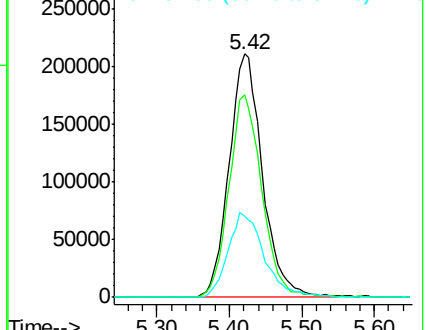
53 100

52 81.9 66.6 99.8

51 37.5 31.0 46.6



Abundance Ion 53.00 (52.70 to 53.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC  
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 631.194 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066700.D

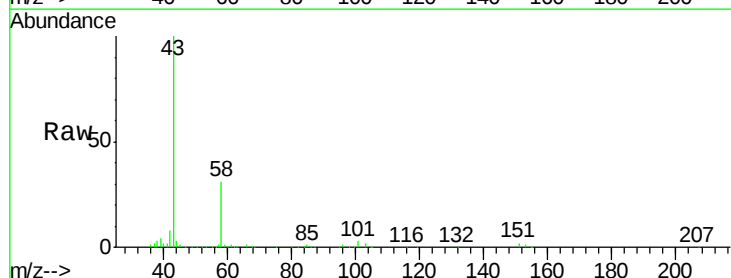
Acq: 15 Sep 2020 15:43

Tgt Ion: 43 Resp: 614629

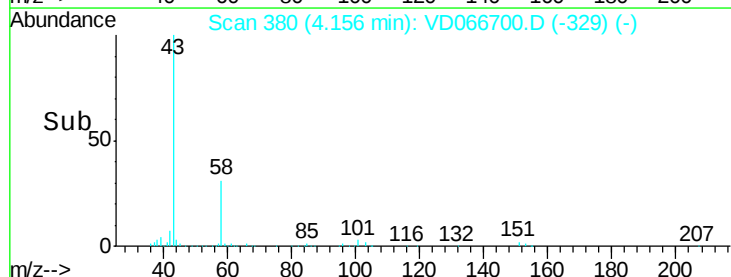
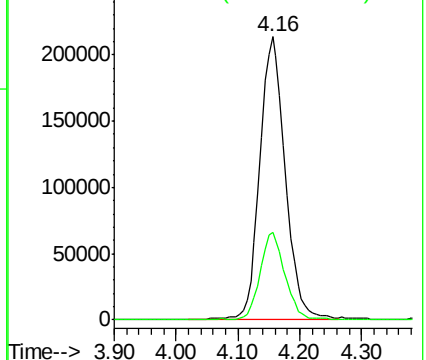
Ion Ratio Lower Upper

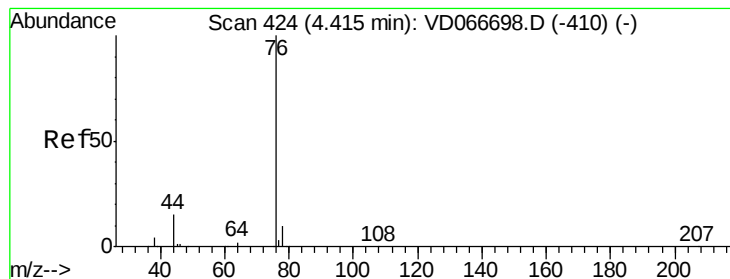
43 100

58 30.9 21.9 32.9



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





#17

Carbon Disulfide

Concen: 137.195 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

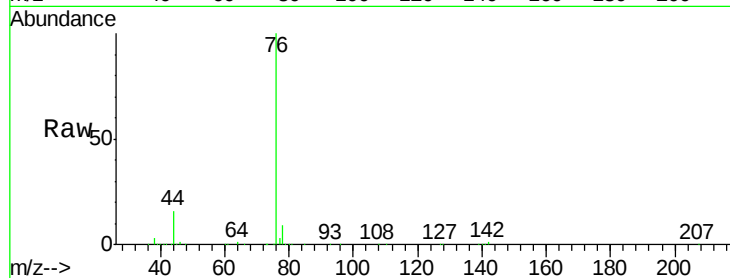
VSTDIC150

Tgt Ion: 76 Resp: 1933303

Ion Ratio Lower Upper

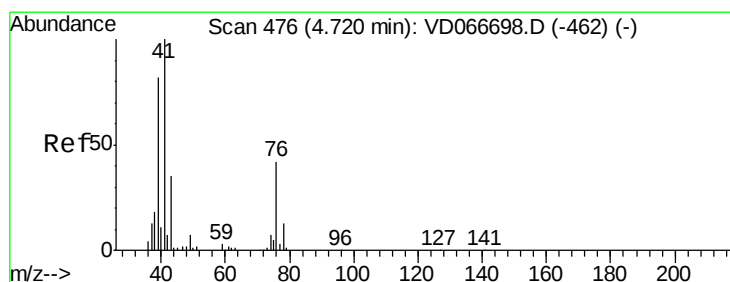
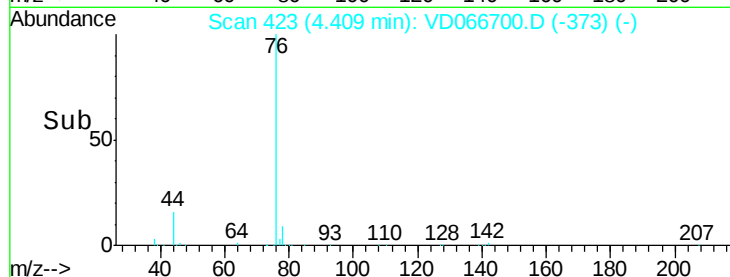
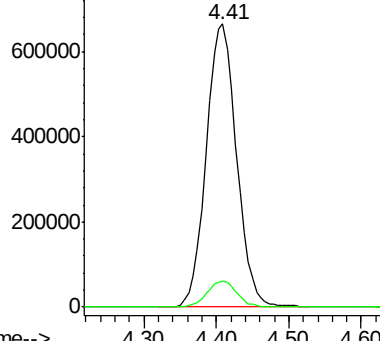
76 100

78 9.3 8.0 12.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 124.833 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD066700.D

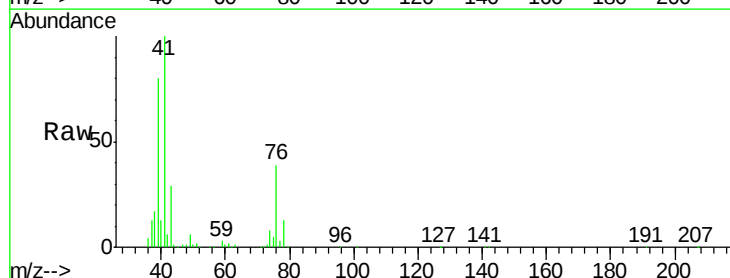
Acq: 15 Sep 2020 15:43

Tgt Ion: 43 Resp: 293431

Ion Ratio Lower Upper

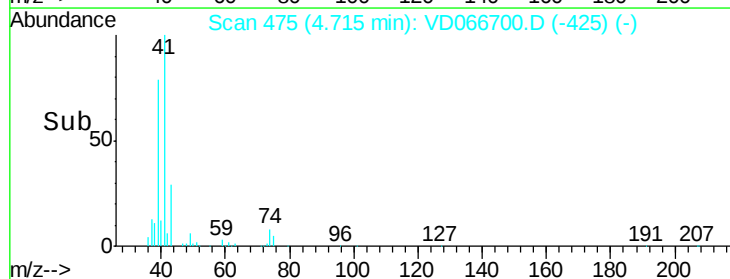
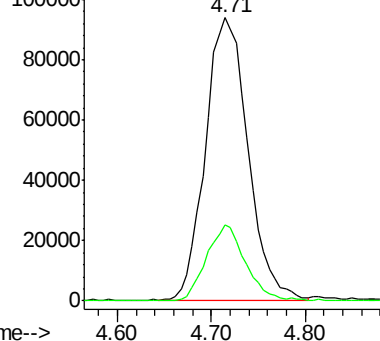
43 100

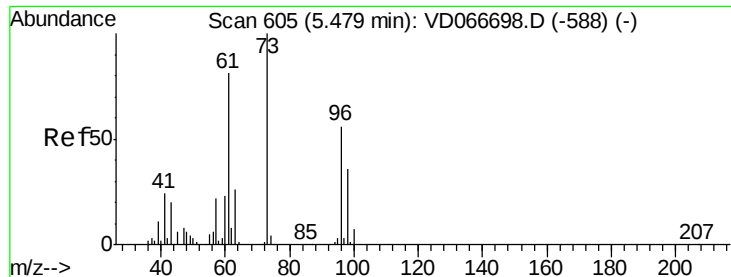
74 24.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



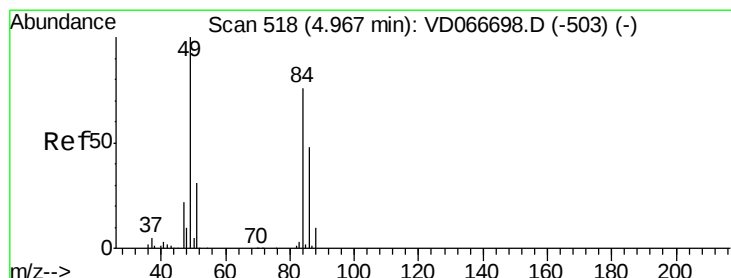
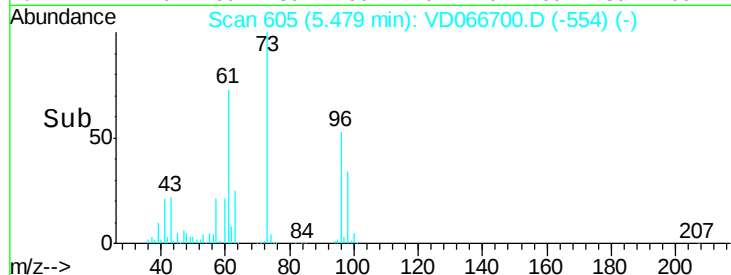
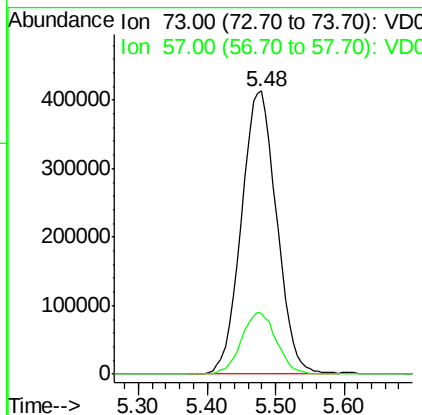
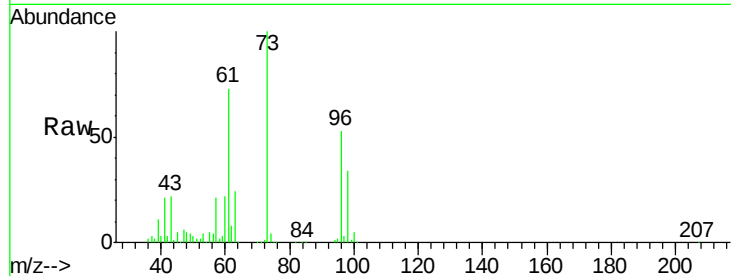


#19

Methyl tert-butyl Ether  
 Concen: 148.229 ug/l  
 RT: 5.48 min Scan# 605  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

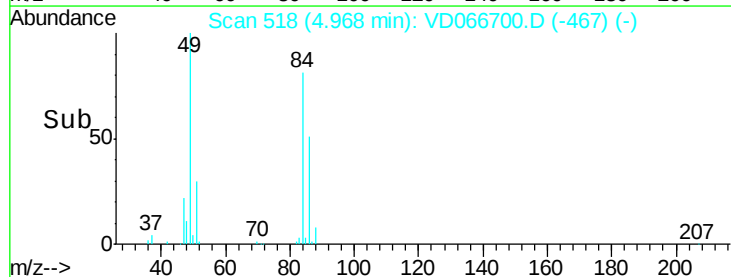
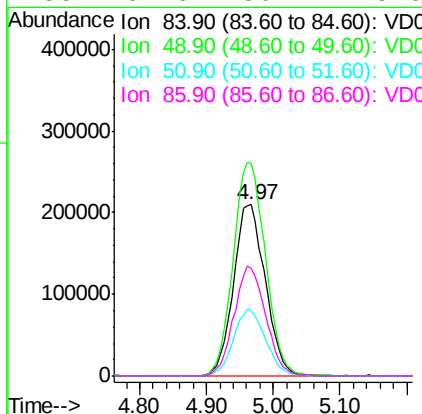
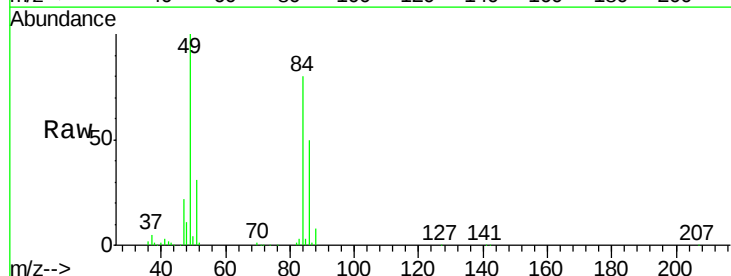
Tgt Ion: 73 Resp: 1480622  
 Ion Ratio Lower Upper  
 73 100  
 57 21.3 17.8 26.6

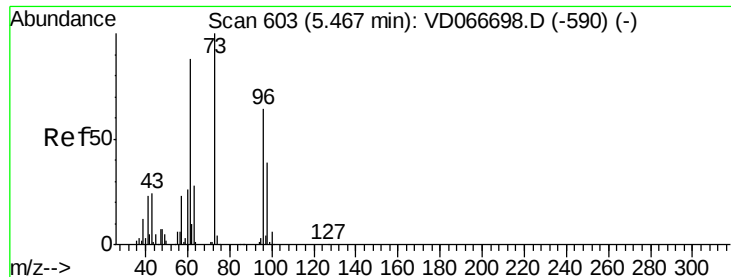


#20

Methylene Chloride  
 Concen: 105.518 ug/l  
 RT: 4.97 min Scan# 518  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

Tgt Ion: 84 Resp: 695923  
 Ion Ratio Lower Upper  
 84 100  
 49 124.1 105.0 157.6  
 51 38.0 32.2 48.4  
 86 62.6 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 139.628 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

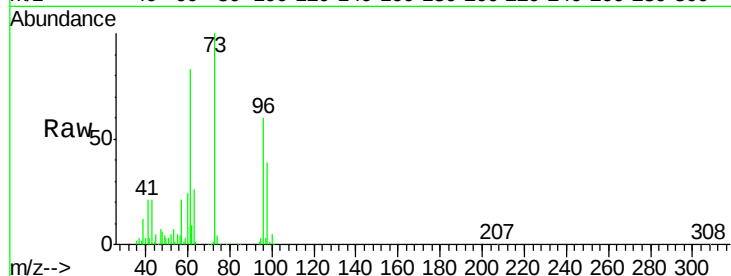
Tgt Ion: 96 Resp: 729518

Ion Ratio Lower Upper

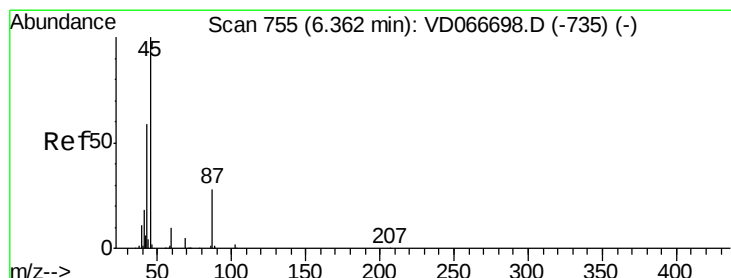
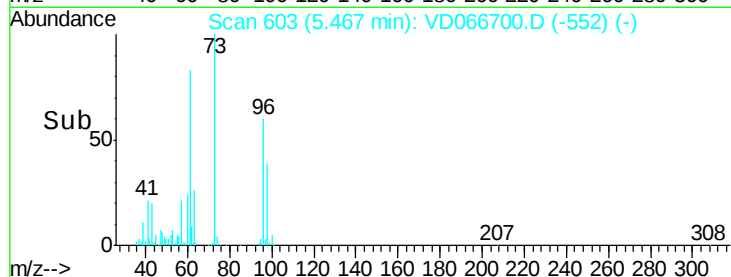
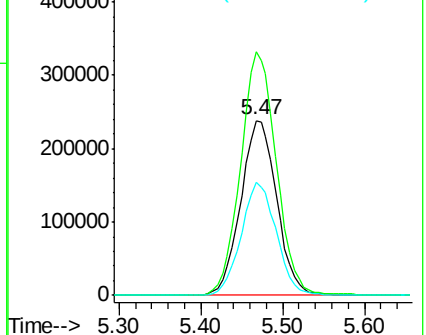
96 100

61 139.3 110.6 166.0

98 65.0 49.2 73.8



Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC  
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 143.036 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Tgt Ion: 45 Resp: 2093155

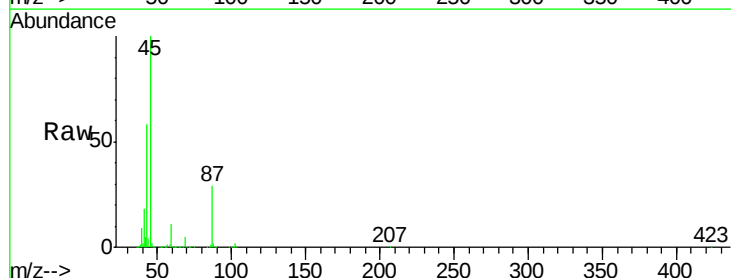
Ion Ratio Lower Upper

45 100

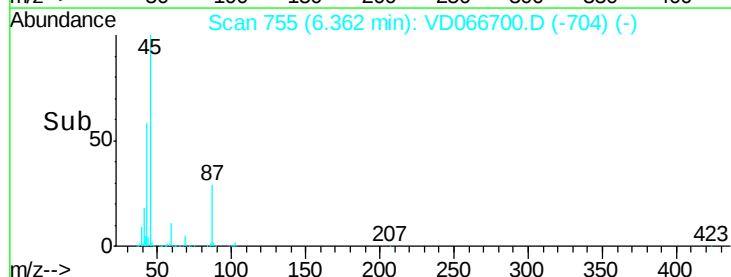
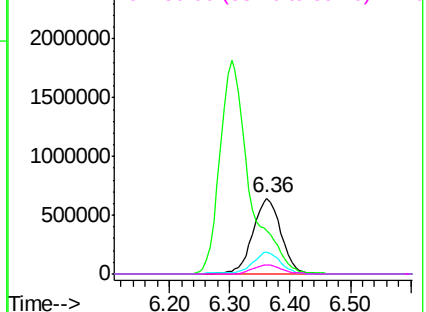
43 58.0 46.9 70.3

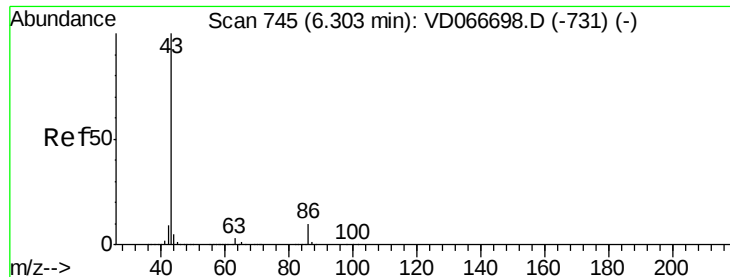
87 28.8 22.4 33.6

59 11.3 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VDC  
Ion 43.00 (42.70 to 43.70): VDC  
Ion 87.00 (86.70 to 87.70): VDC  
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 760.214 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

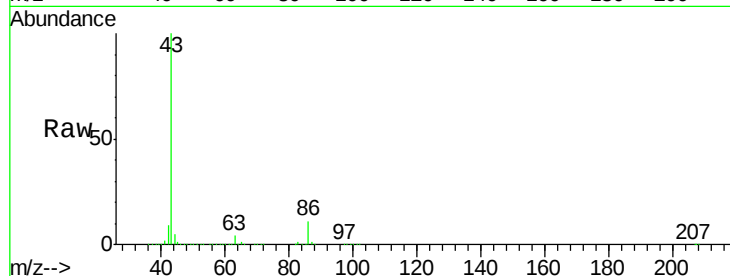
VSTDIC150

Tgt Ion: 43 Resp: 6188131

Ion Ratio Lower Upper

43 100

86 10.5 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

1500000

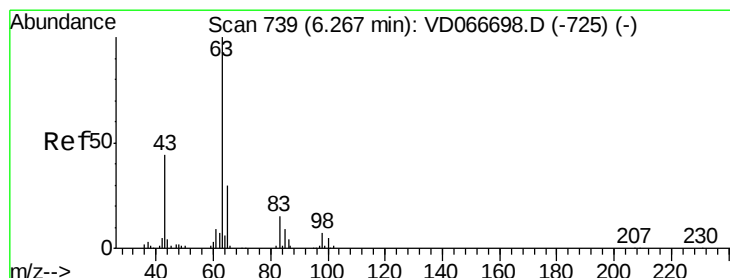
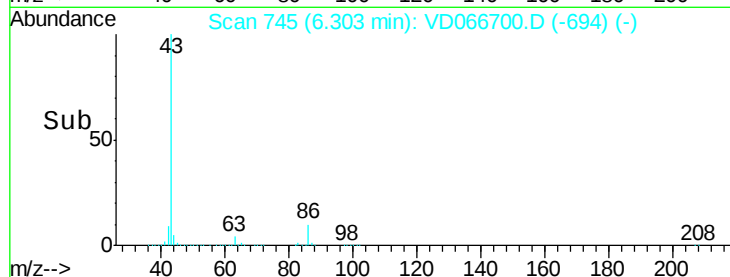
1000000

500000

0

6.20 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 136.270 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

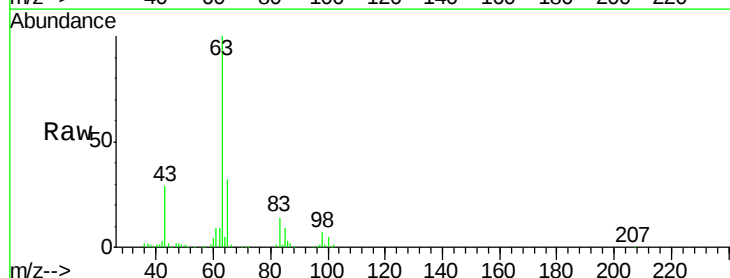
Tgt Ion: 63 Resp: 1265426

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.7 2.6 8.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

500000

400000

300000

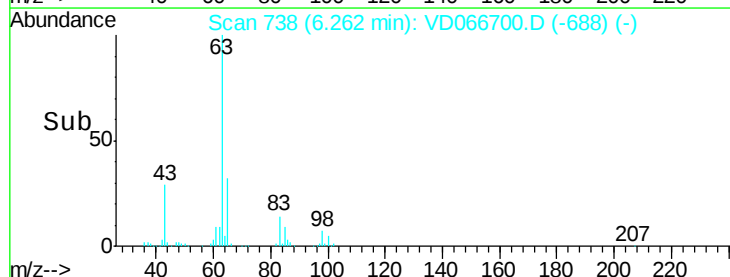
200000

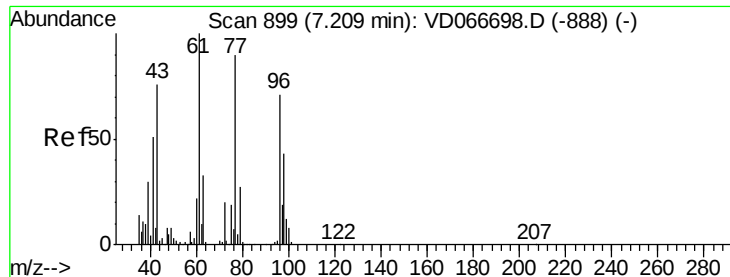
100000

0

6.10 6.20 6.30 6.40

Time-->

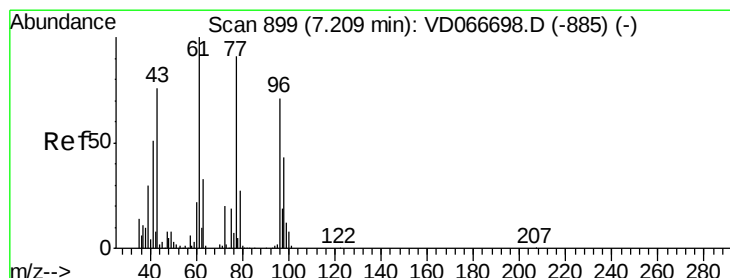
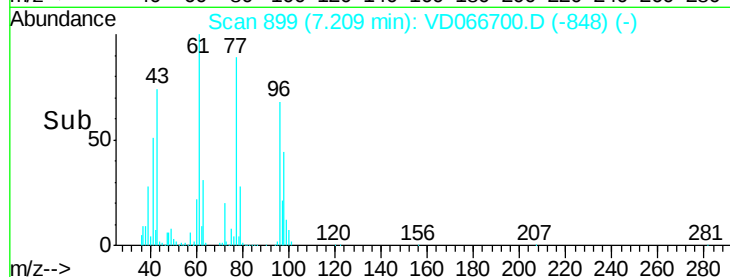
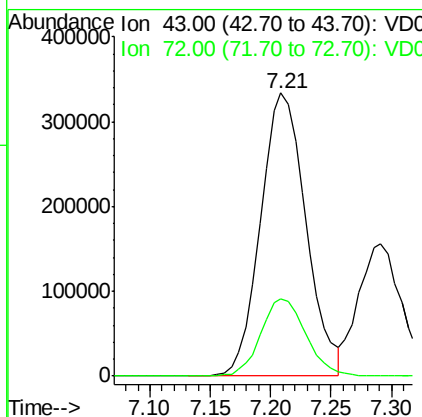
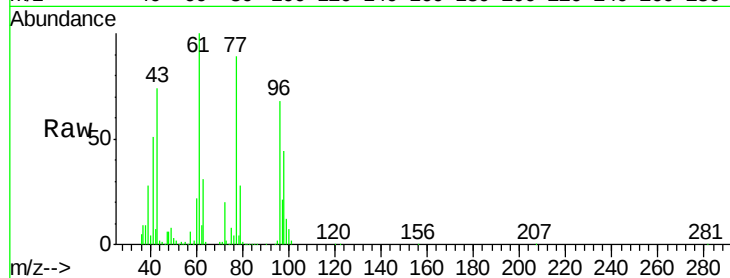




#25  
 2-Butanone  
 Concen: 685.844 ug/l  
 RT: 7.21 min Scan# 899  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

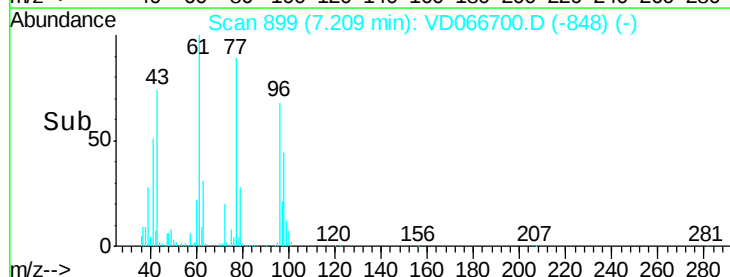
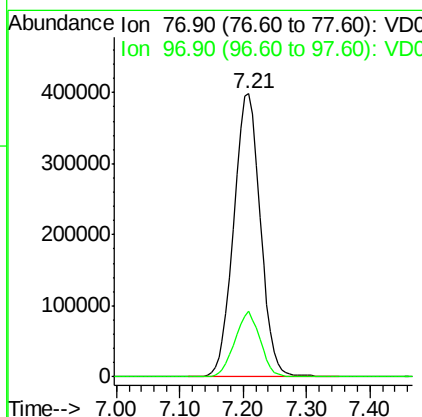
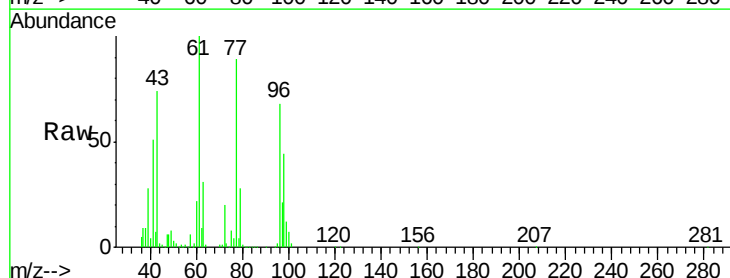
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

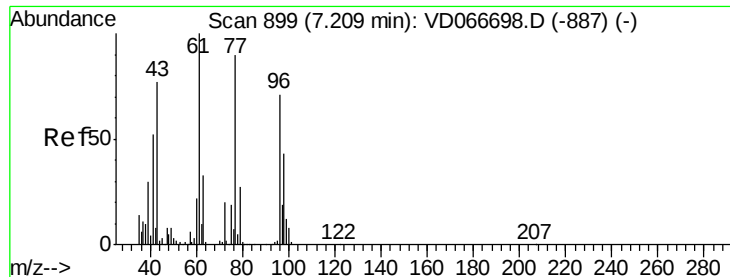
Tgt Ion: 43 Resp: 869631  
 Ion Ratio Lower Upper  
 43 100  
 72 27.2 21.0 31.4



#26  
 2,2-Dichloropropane  
 Concen: 134.589 ug/l  
 RT: 7.21 min Scan# 899  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

Tgt Ion: 77 Resp: 1155725  
 Ion Ratio Lower Upper  
 77 100  
 97 22.1 10.6 31.8



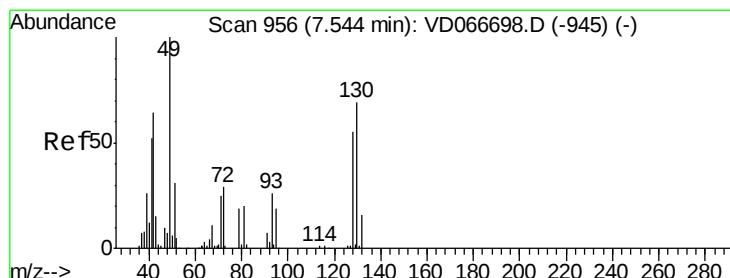
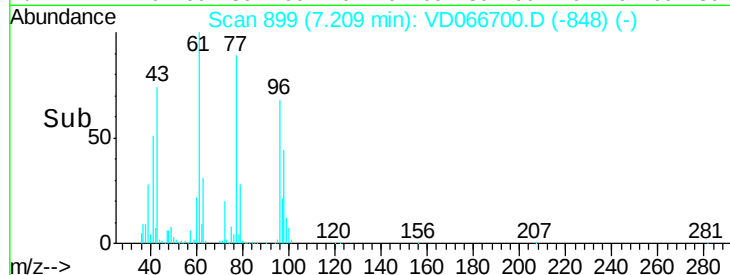
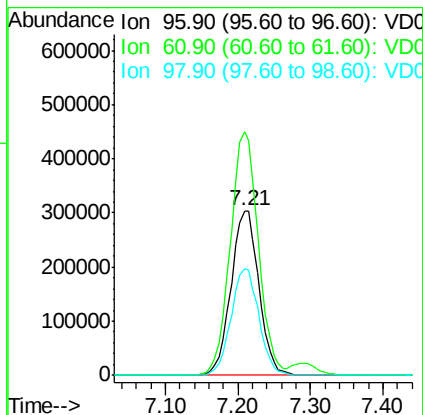
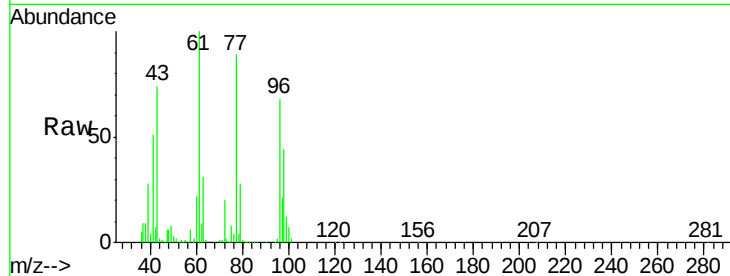


#27

cis-1,2-Dichloroethene  
 Concen: 142.024 ug/l  
 RT: 7.21 min Scan# 899  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

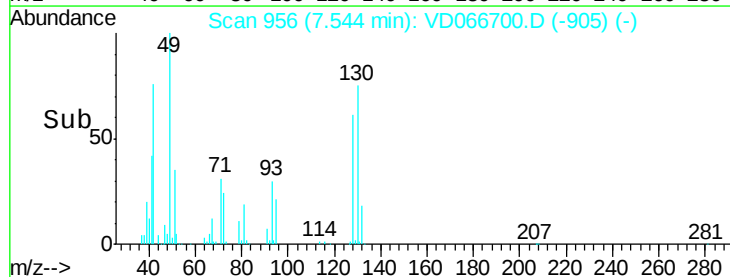
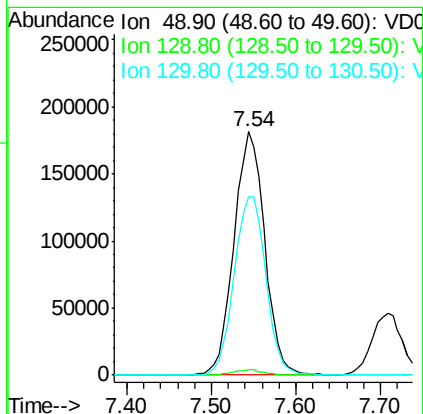
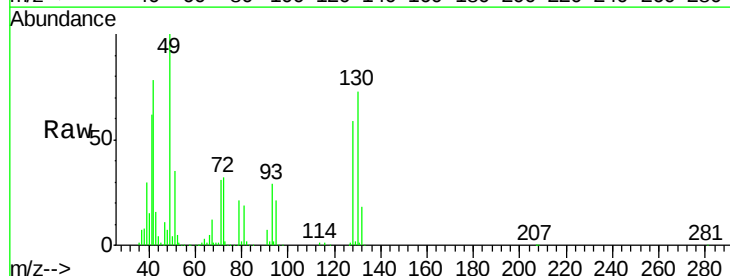
Tgt Ion: 96 Resp: 811789  
 Ion Ratio Lower Upper  
 96 100  
 61 148.6 0.0 292.4  
 98 65.0 0.0 127.0

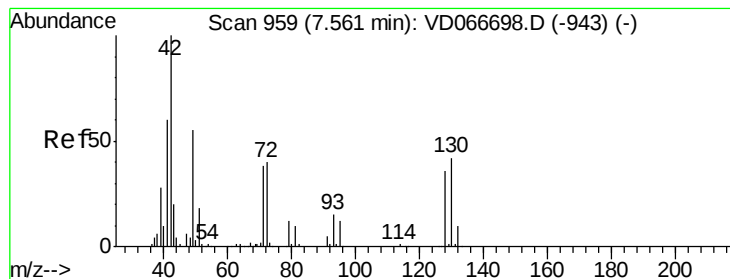


#28

Bromochloromethane  
 Concen: 131.526 ug/l  
 RT: 7.54 min Scan# 956  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

Tgt Ion: 49 Resp: 456201  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 3.8  
 130 75.7 58.6 88.0





#29

Tetrahydrofuran

Concen: 721.740 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

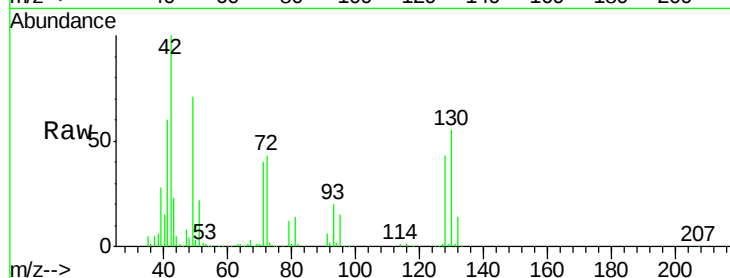
Tgt Ion: 42 Resp: 559917

Ion Ratio Lower Upper

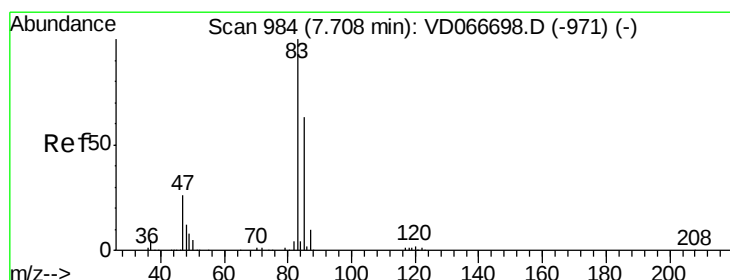
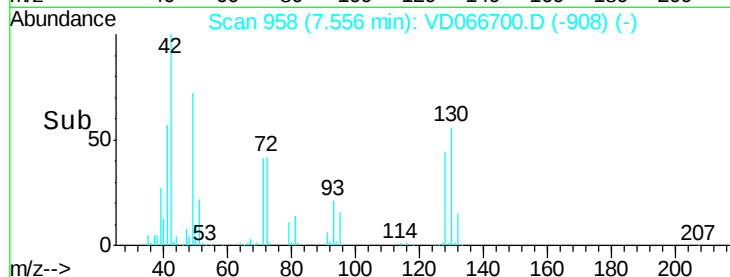
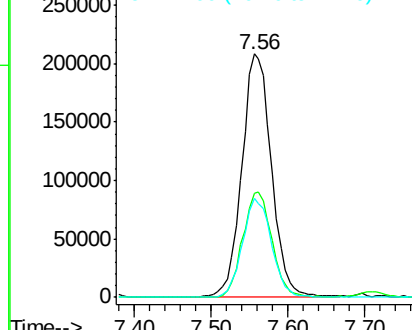
42 100

72 42.8 32.6 48.8

71 39.9 30.6 45.8



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: 135.473 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066700.D

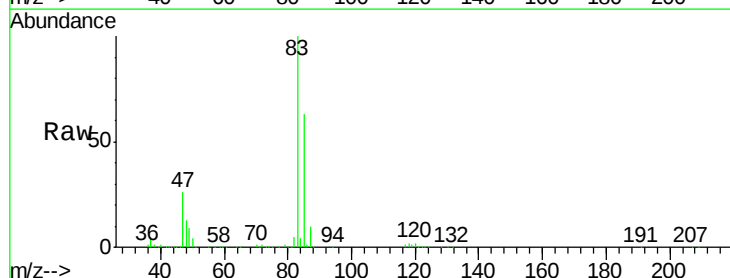
Acq: 15 Sep 2020 15:43

Tgt Ion: 83 Resp: 1338896

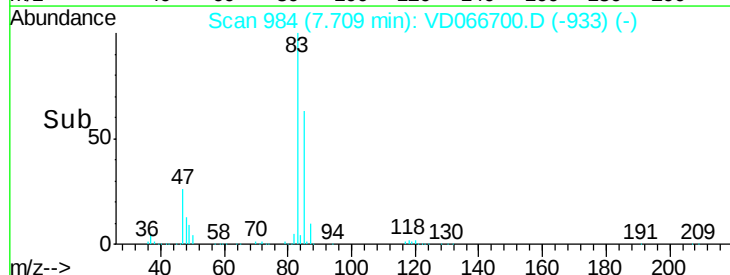
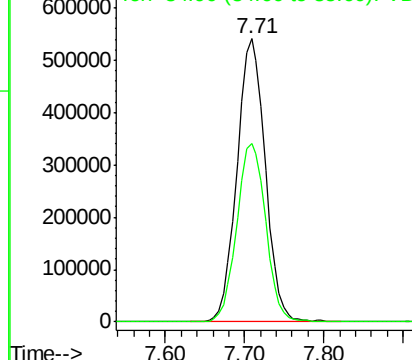
Ion Ratio Lower Upper

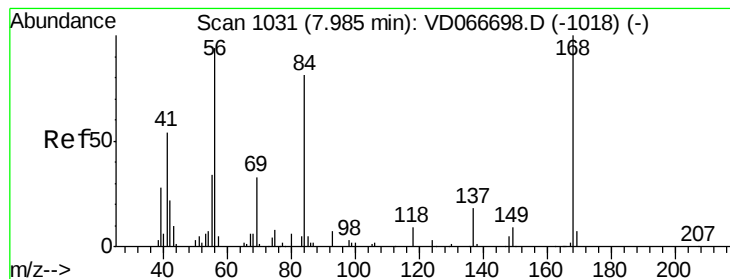
83 100

85 62.9 50.6 76.0



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





#31

Cyclohexane

Concen: 135.059 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

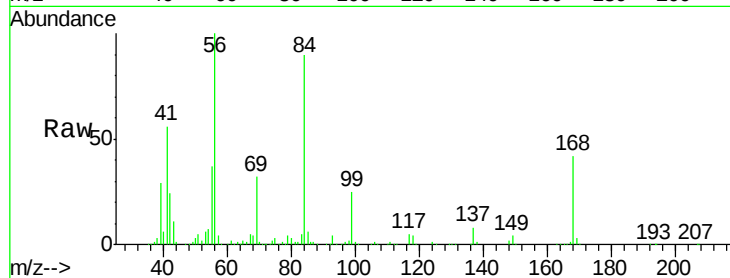
Tgt Ion: 56 Resp: 1140792

Ion Ratio Lower Upper

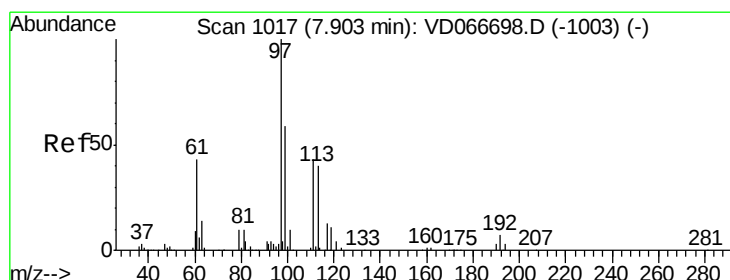
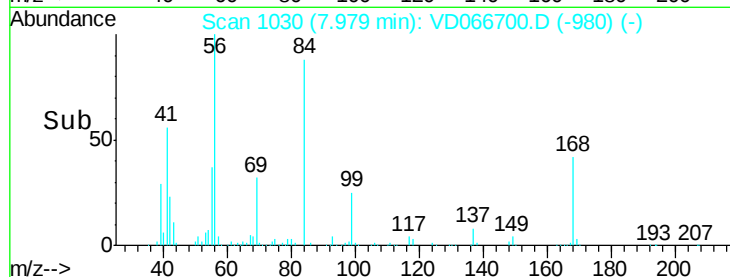
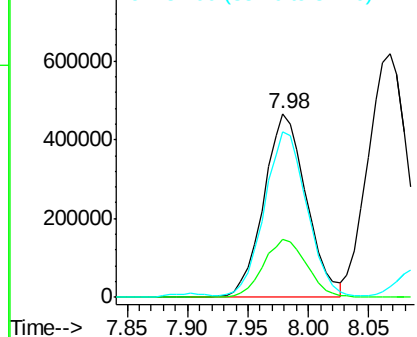
56 100

69 31.6 27.7 41.5

84 87.7 68.5 102.7



Abundance Ion 56.00 (55.70 to 56.70): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 138.424 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

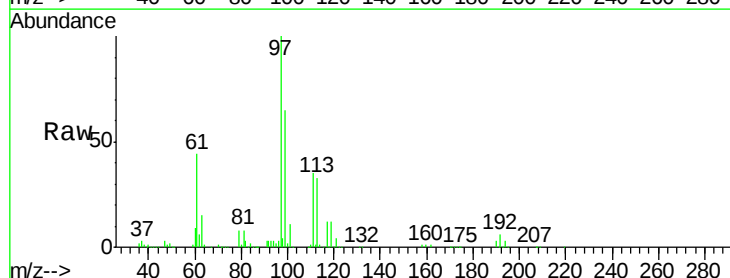
Tgt Ion: 97 Resp: 1251866

Ion Ratio Lower Upper

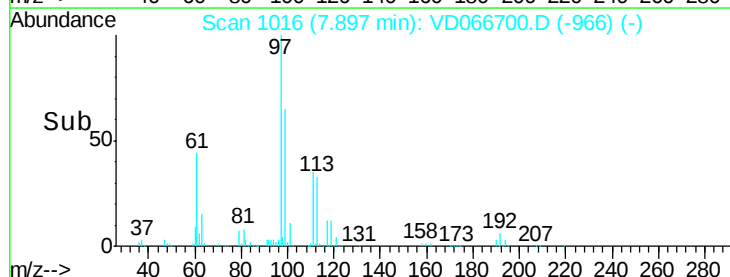
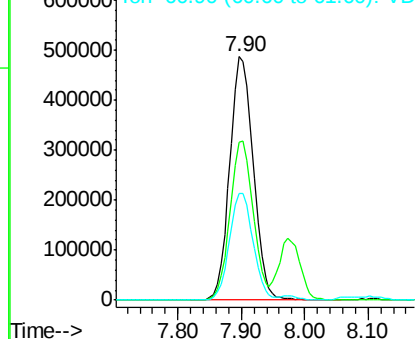
97 100

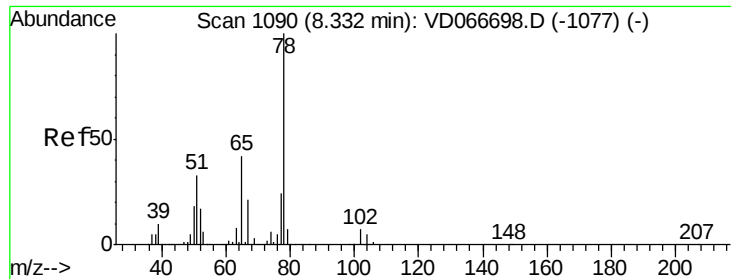
99 64.4 51.0 76.4

61 44.0 35.2 52.8



Abundance Ion 96.90 (96.60 to 97.60): VDC  
Ion 98.90 (98.60 to 99.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC

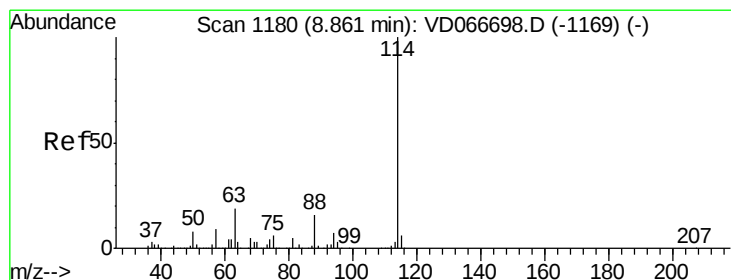
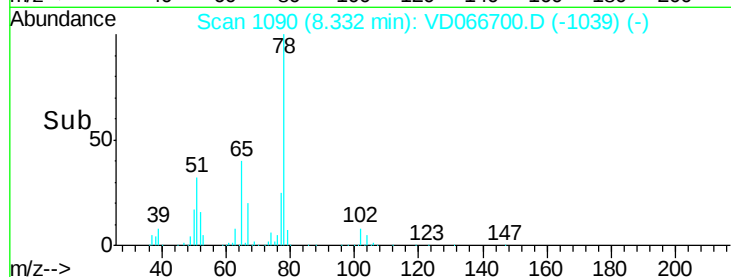
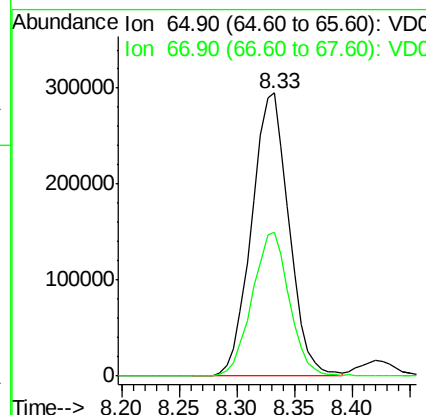
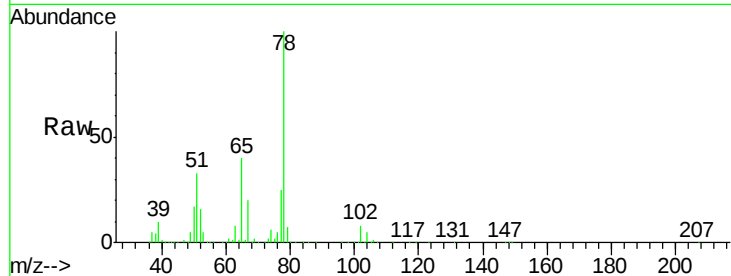




#33  
 1,2-Dichloroethane-d4  
 Concen: 139.250 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

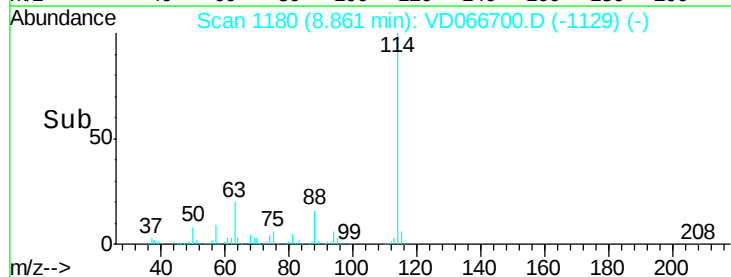
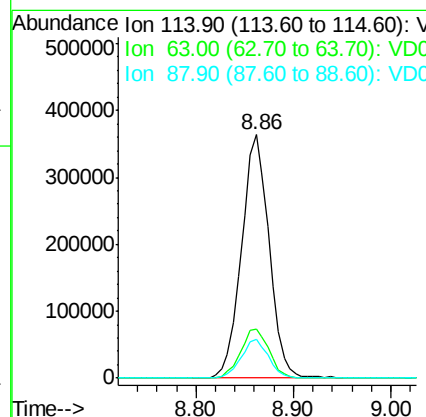
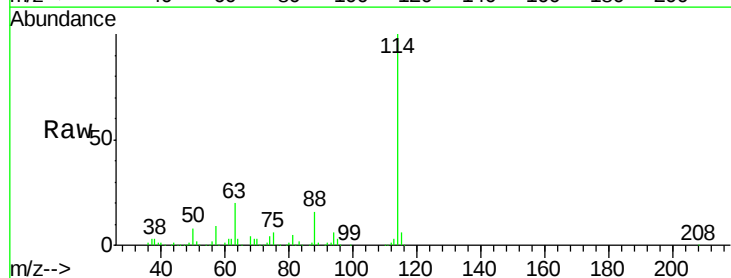
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

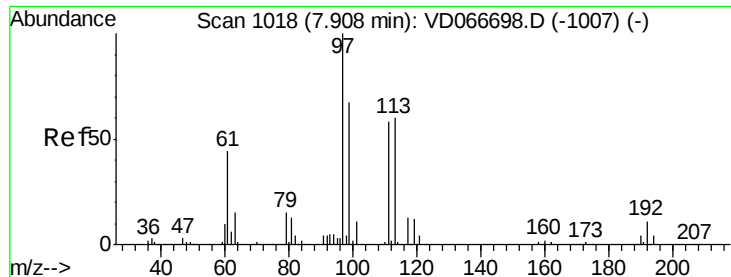
Tgt Ion: 65 Resp: 665862  
 Ion Ratio Lower Upper  
 65 100  
 67 50.7 0.0 102.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.86 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

Tgt Ion: 114 Resp: 717802  
 Ion Ratio Lower Upper  
 114 100  
 63 20.1 0.0 37.6  
 88 15.8 0.0 32.2

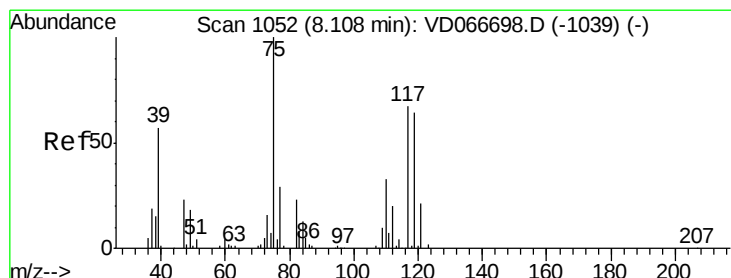
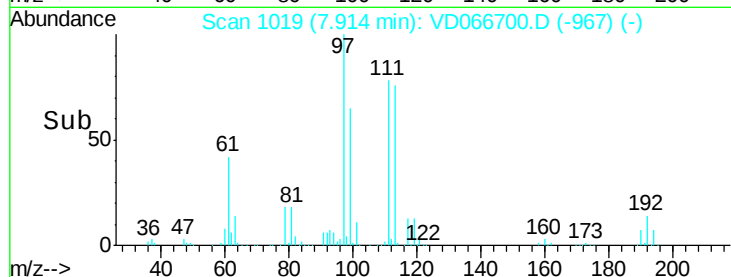
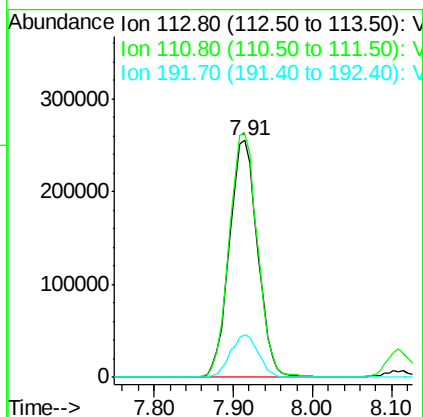
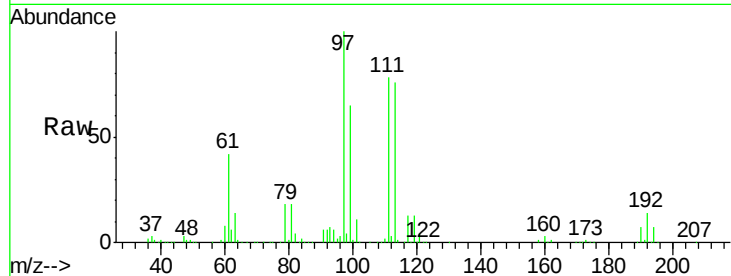




#35  
 Dibromofluoromethane  
 Concen: 143.598 ug/l  
 RT: 7.91 min Scan# 1019  
 Delta R.T. 0.01 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

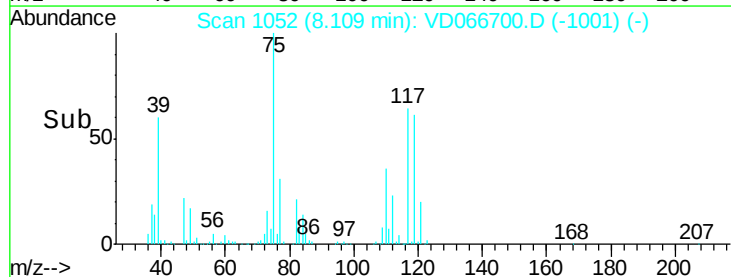
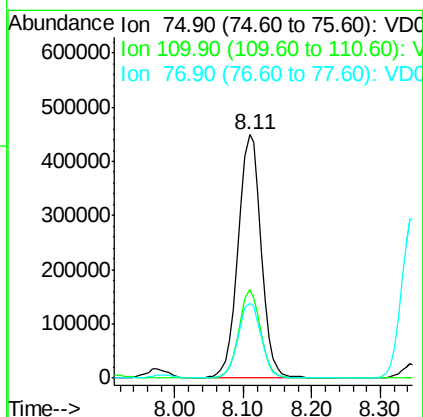
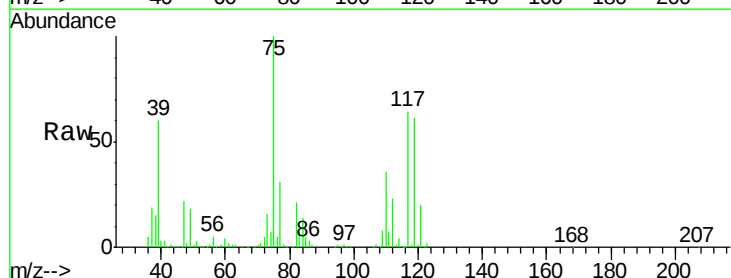
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 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

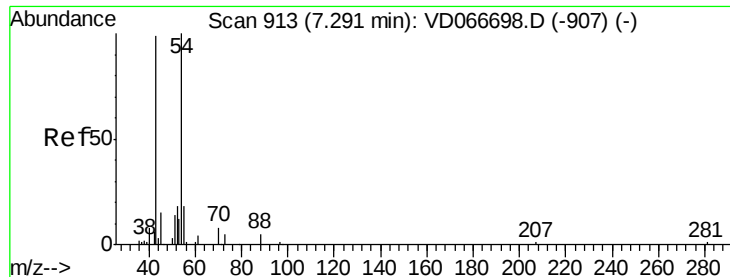
Tgt Ion: 113 Resp: 631946  
 Ion Ratio Lower Upper  
 113 100  
 111 102.9 83.2 124.8  
 192 18.0 14.8 22.2



#36  
 1,1-Dichloropropene  
 Concen: 141.619 ug/l  
 RT: 8.11 min Scan# 1052  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

Tgt Ion: 75 Resp: 1045148  
 Ion Ratio Lower Upper  
 75 100  
 110 34.5 17.1 51.2  
 77 31.0 25.0 37.6

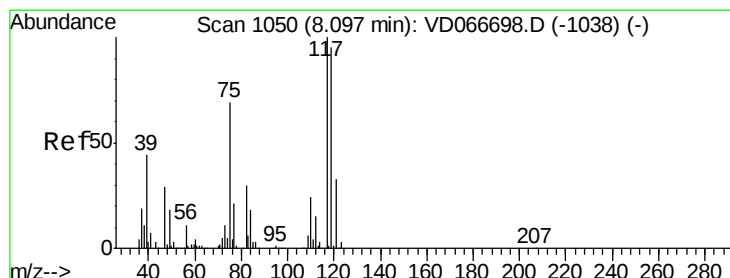
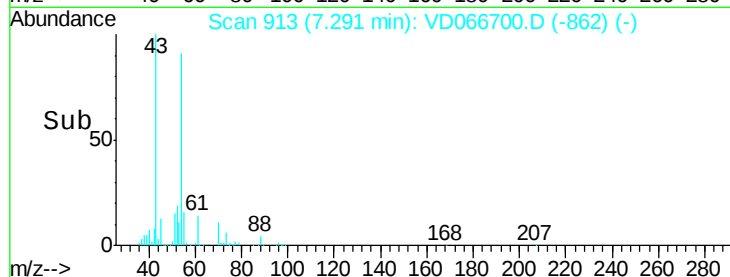
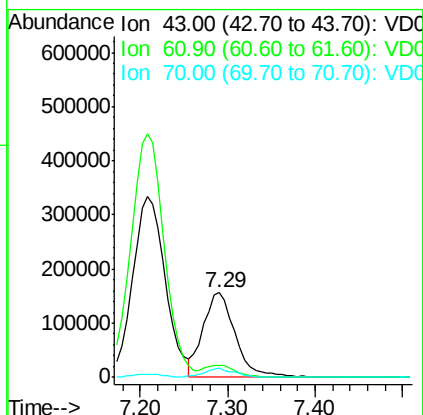
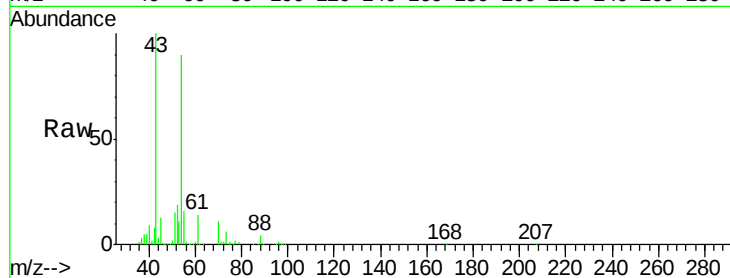




#37  
Ethyl Acetate  
Concen: 143.094 ug/l  
RT: 7.29 min Scan# 913  
Delta R.T. 0.00 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

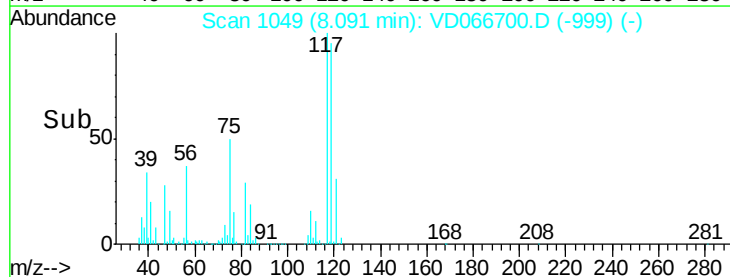
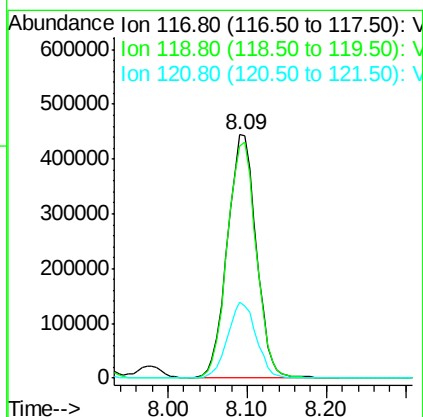
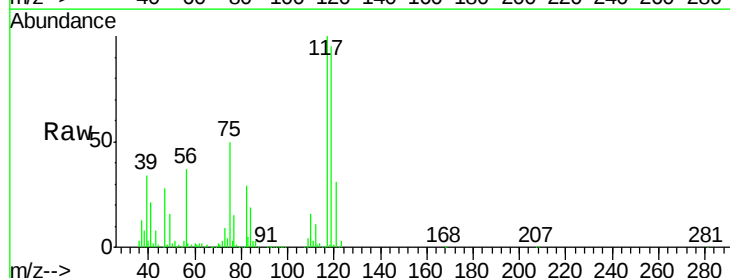
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

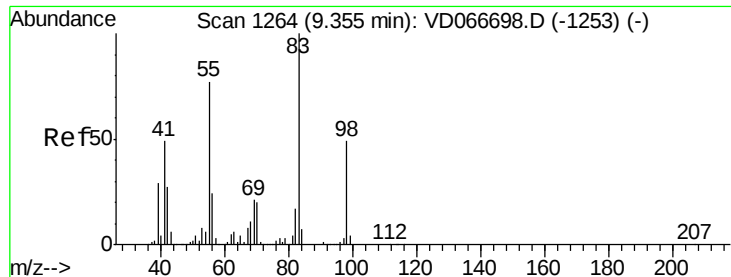
Tgt Ion: 43 Resp: 399789  
Ion Ratio Lower Upper  
43 100  
61 12.5 10.4 15.6  
70 9.9 7.5 11.3



#38  
Carbon Tetrachloride  
Concen: 142.701 ug/l  
RT: 8.09 min Scan# 1049  
Delta R.T. -0.01 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

Tgt Ion: 117 Resp: 1118375  
Ion Ratio Lower Upper  
117 100  
119 95.3 75.8 113.6  
121 31.0 26.2 39.4

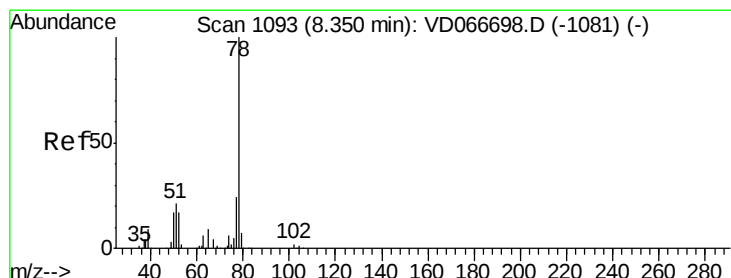
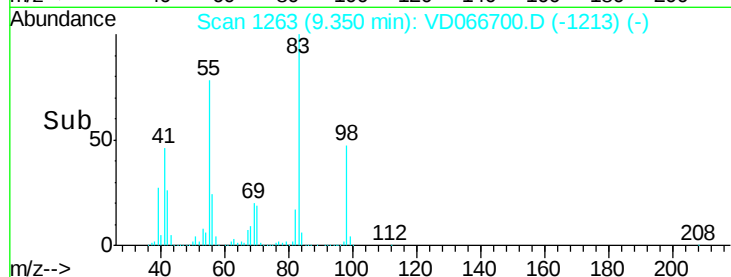
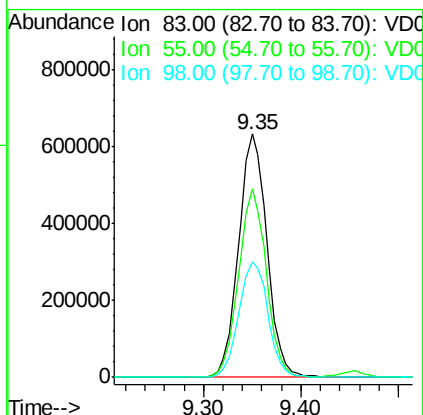
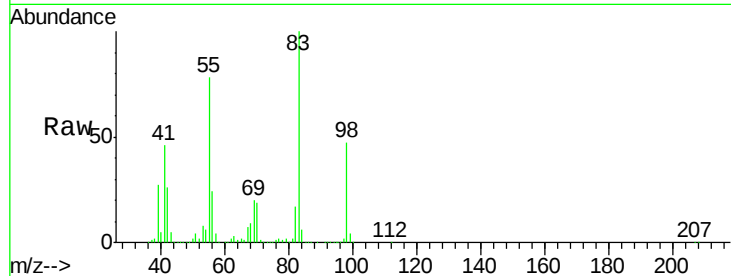




#39  
Methylcyclohexane  
Concen: 151.984 ug/l  
RT: 9.35 min Scan# 1263  
Delta R.T. -0.01 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

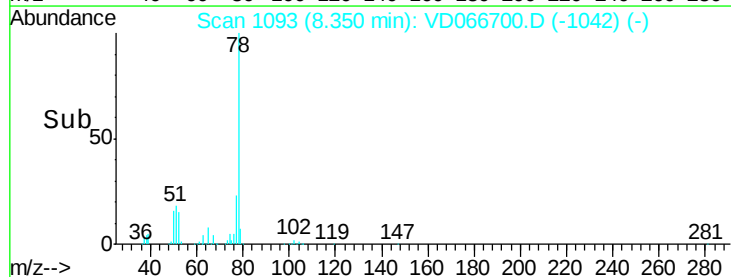
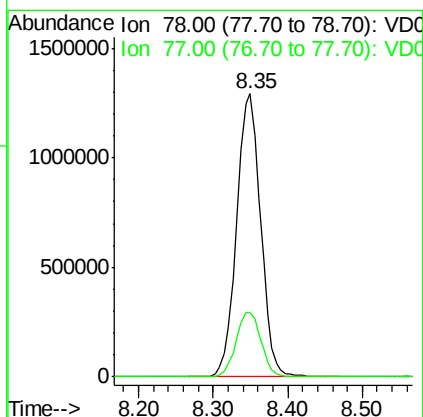
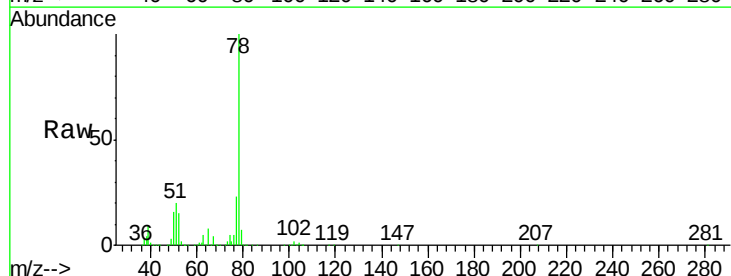
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

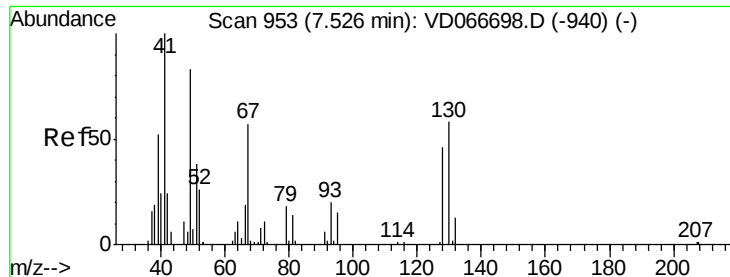
Tgt Ion: 83 Resp: 1282966  
Ion Ratio Lower Upper  
83 100  
55 77.6 61.5 92.3  
98 47.3 39.3 58.9



#40  
Benzene  
Concen: 144.685 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. 0.00 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

Tgt Ion: 78 Resp: 2888771  
Ion Ratio Lower Upper  
78 100  
77 22.9 19.3 28.9

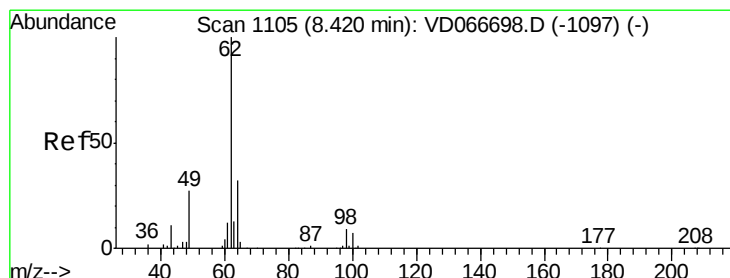
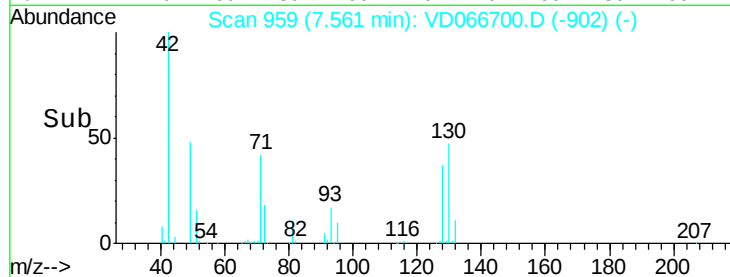
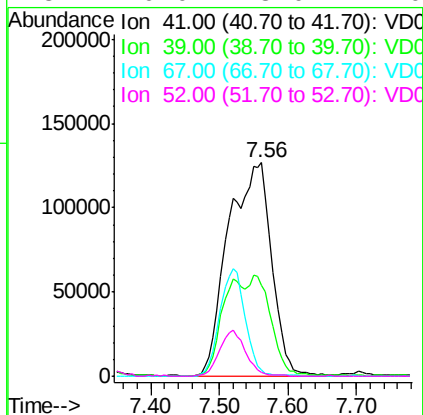
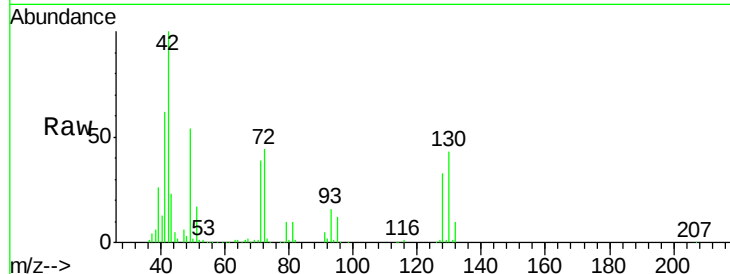




#41  
Methacrylonitrile  
Concen: 409.792 ug/l  
RT: 7.56 min Scan# 959  
Delta R.T. 0.04 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

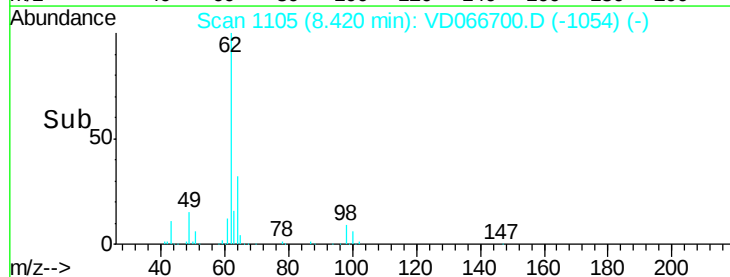
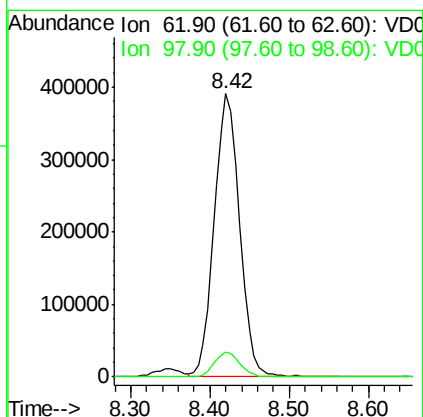
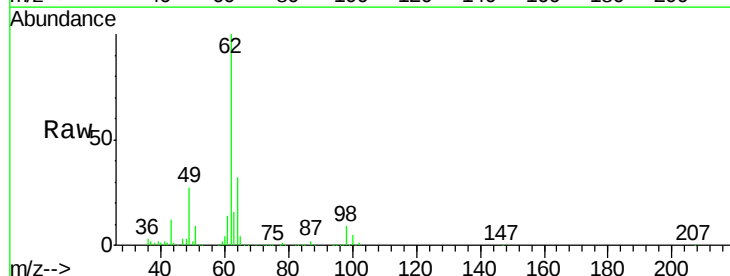
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

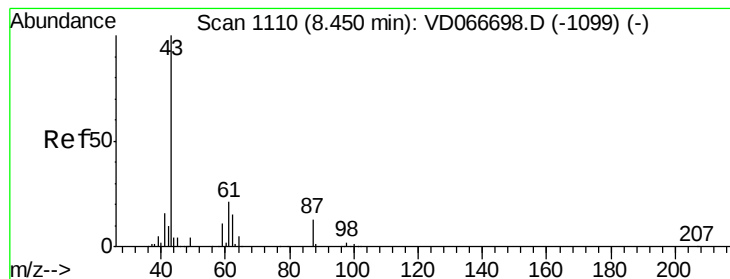
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 0.0   | 59.3  | 88.9# |
| 67      | 0.0   | 62.3  | 93.5# |
| 52      | 0.0   | 28.0  | 42.0# |



#42  
1,2-Dichloroethane  
Concen: 139.705 ug/l  
RT: 8.42 min Scan# 1105  
Delta R.T. 0.00 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.9   | 0.0   | 17.6  |





#43

Isopropyl Acetate

Concen: 147.133 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

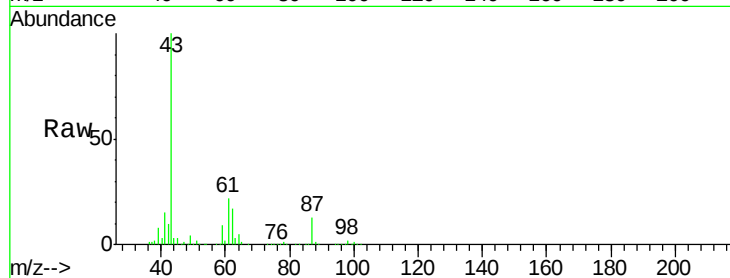
Tgt Ion: 43 Resp: 773731

Ion Ratio Lower Upper

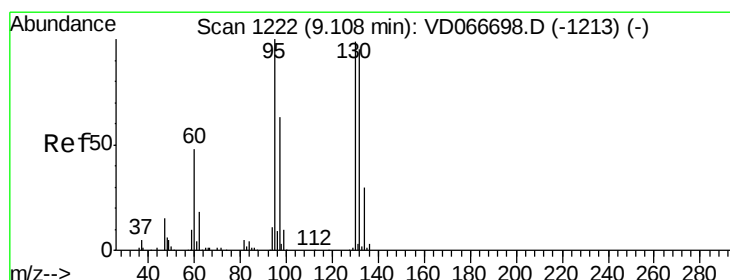
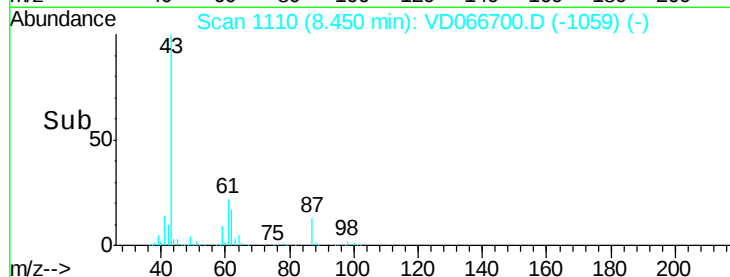
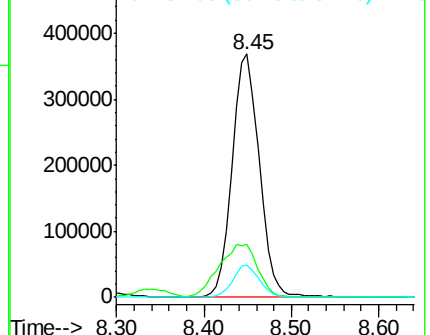
43 100

61 31.1 24.8 37.2

87 13.0 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 61.00 (60.70 to 61.70): VDC  
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 143.529 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066700.D

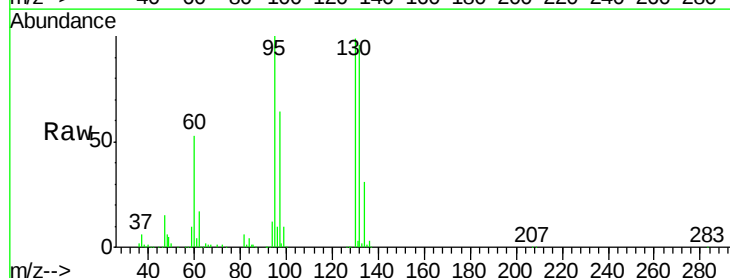
Acq: 15 Sep 2020 15:43

Tgt Ion: 130 Resp: 766207

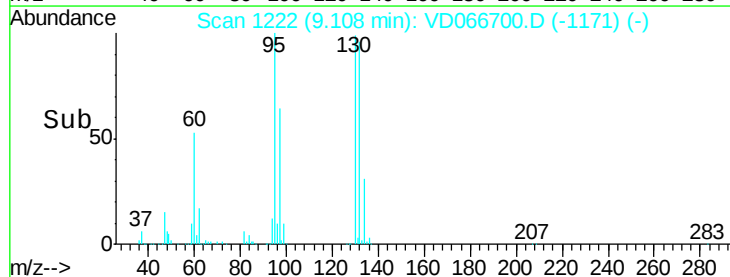
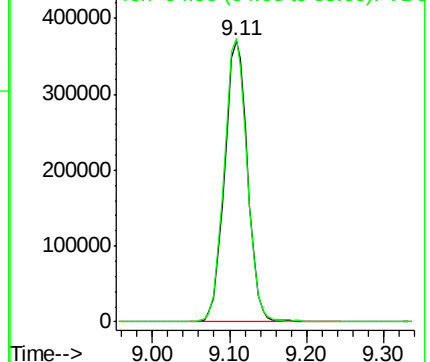
Ion Ratio Lower Upper

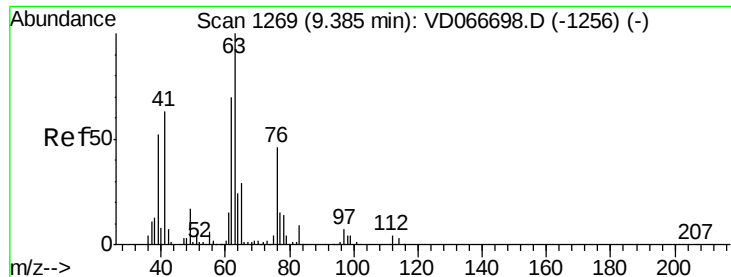
130 100

95 100.7 0.0 201.4



Abundance Ion 129.80 (129.50 to 130.50): VDC  
Ion 94.90 (94.60 to 95.60): VDC

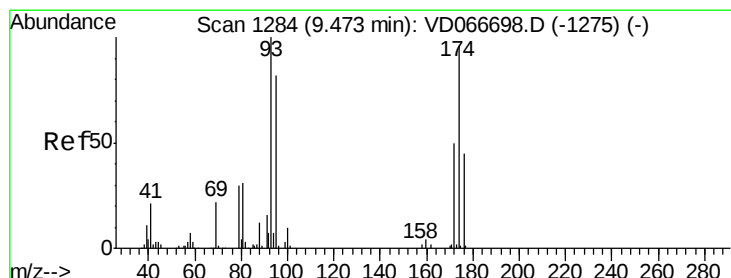
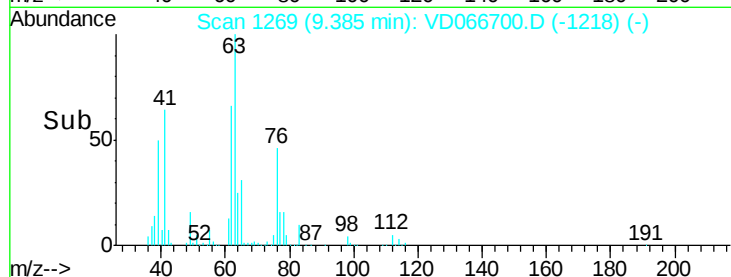
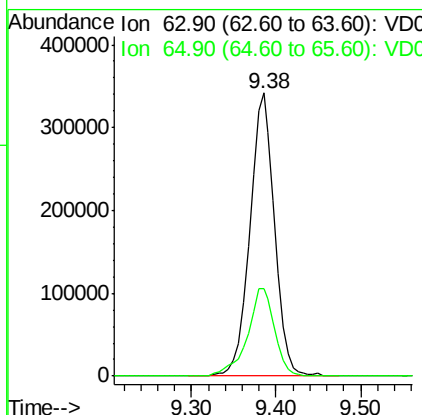
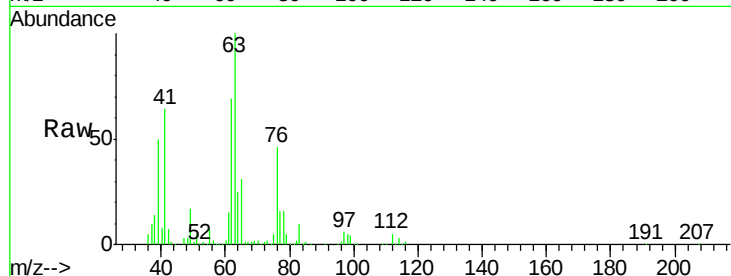




#45  
 1,2-Dichloropropane  
 Concen: 141.352 ug/l  
 RT: 9.38 min Scan# 1269  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

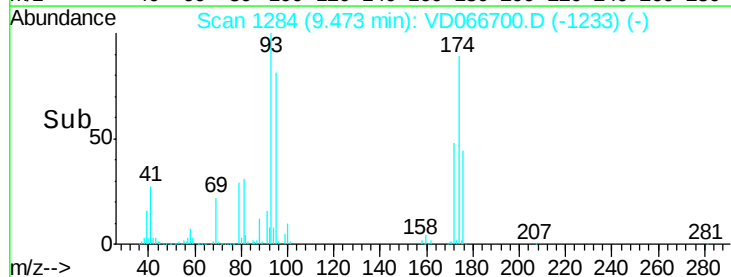
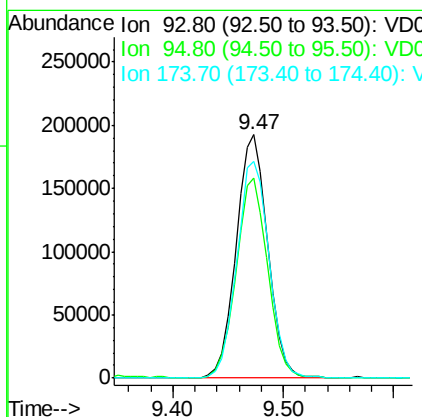
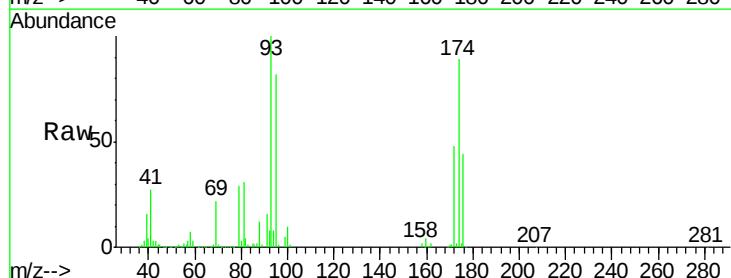
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

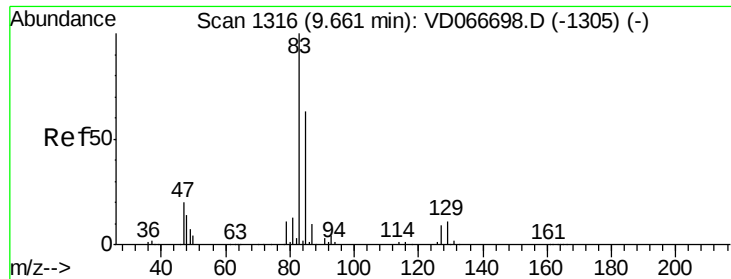
Tgt Ion: 63 Resp: 697704  
 Ion Ratio Lower Upper  
 63 100  
 65 30.9 23.4 35.0



#46  
 Dibromomethane  
 Concen: 142.683 ug/l  
 RT: 9.47 min Scan# 1284  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

Tgt Ion: 93 Resp: 387000  
 Ion Ratio Lower Upper  
 93 100  
 95 82.2 66.0 99.0  
 174 91.4 72.3 108.5





#47

Bromodichloromethane

Concen: 141.968 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

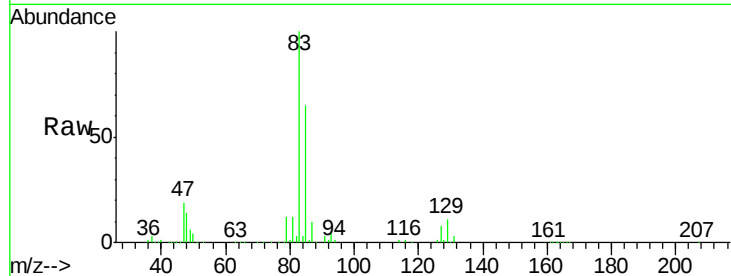
Tgt Ion: 83 Resp: 1049271

Ion Ratio Lower Upper

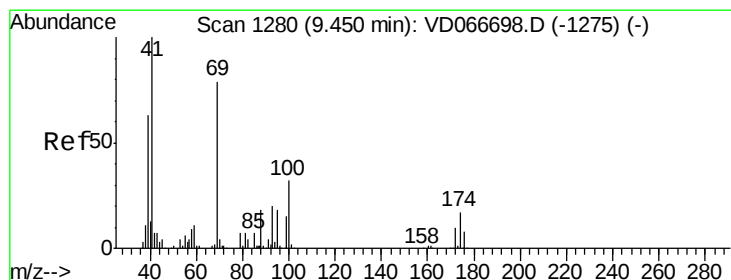
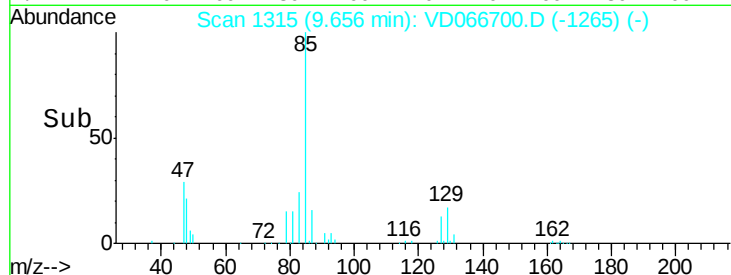
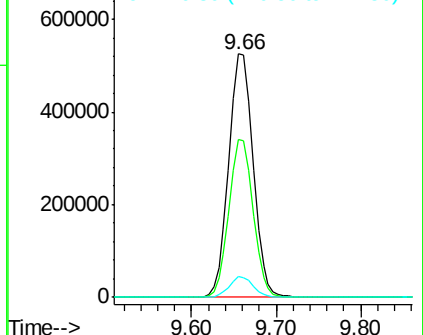
83 100

85 64.7 50.1 75.1

127 8.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 84.90 (84.60 to 85.60): VDC  
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 154.993 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

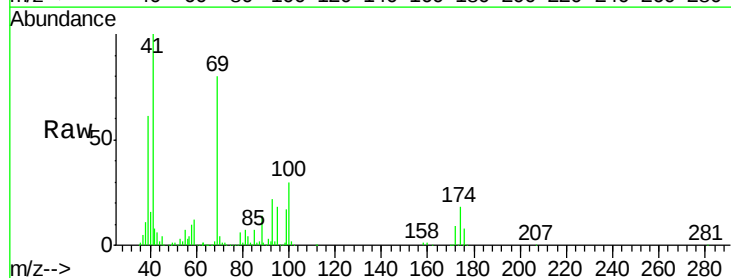
Tgt Ion: 41 Resp: 414584

Ion Ratio Lower Upper

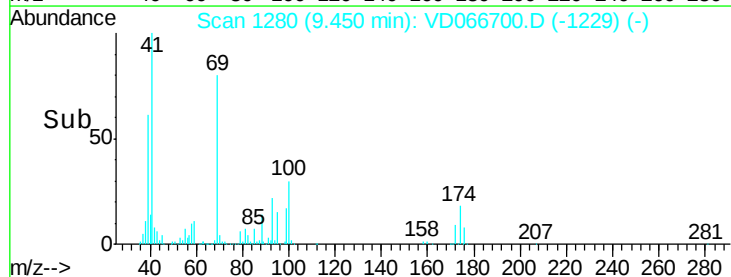
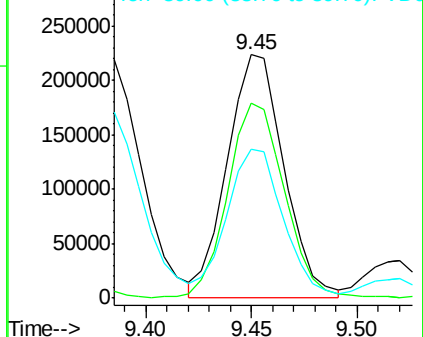
41 100

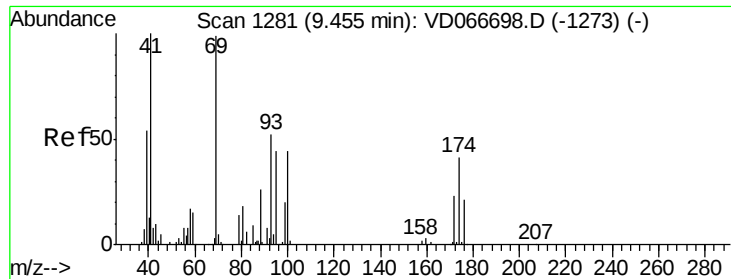
69 81.1 62.4 93.6

39 57.5 44.8 67.2



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

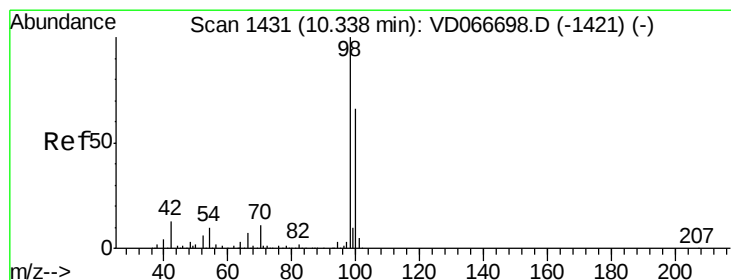
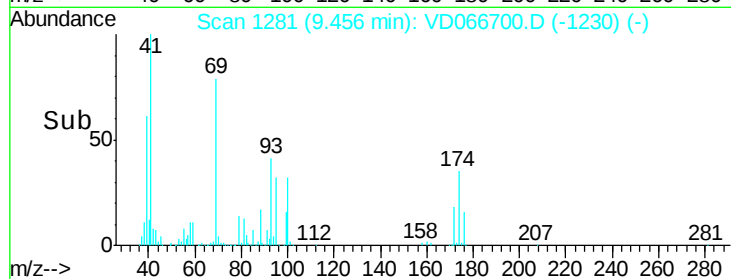
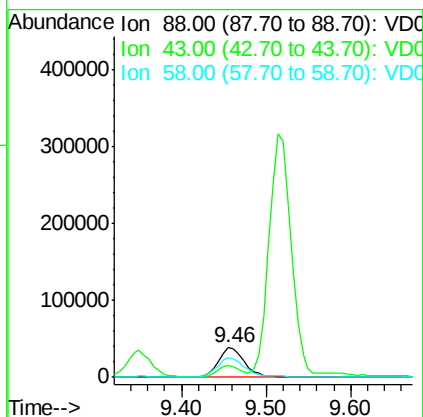
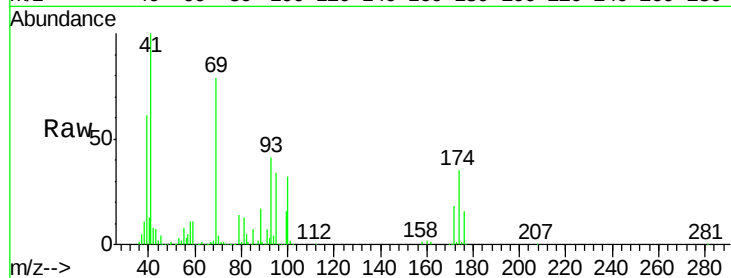




#49  
 1,4-Dioxane  
 Concen: 2874.104 ug/l  
 RT: 9.46 min Scan# 1281  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

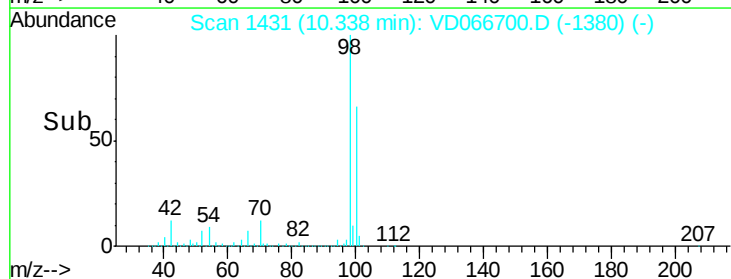
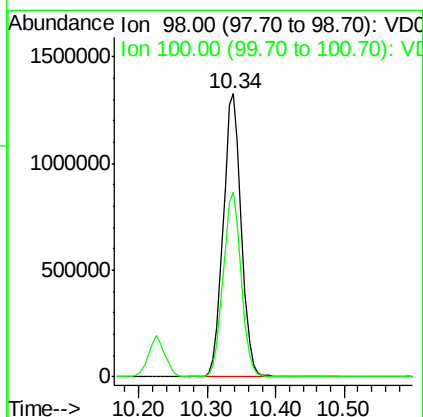
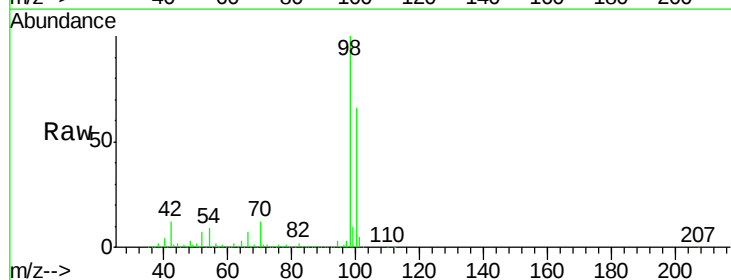
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

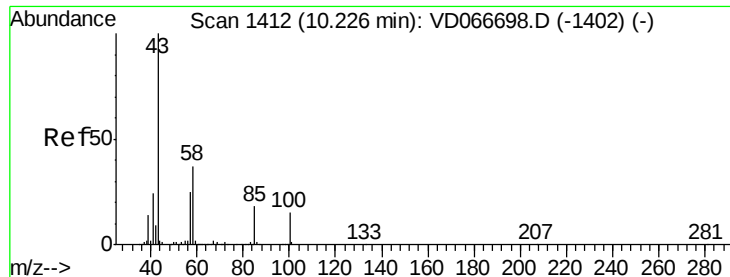
Tgt Ion: 88 Resp: 83505  
 Ion Ratio Lower Upper  
 88 100  
 43 34.9 29.3 43.9  
 58 68.7 51.4 77.2



#50  
 Toluene-d8  
 Concen: 154.644 ug/l  
 RT: 10.34 min Scan# 1431  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

Tgt Ion: 98 Resp: 2424658  
 Ion Ratio Lower Upper  
 98 100  
 100 65.4 52.7 79.1

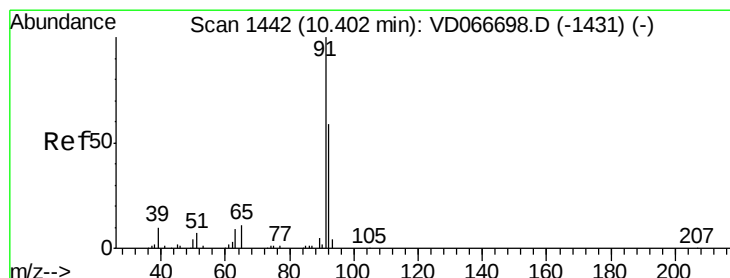
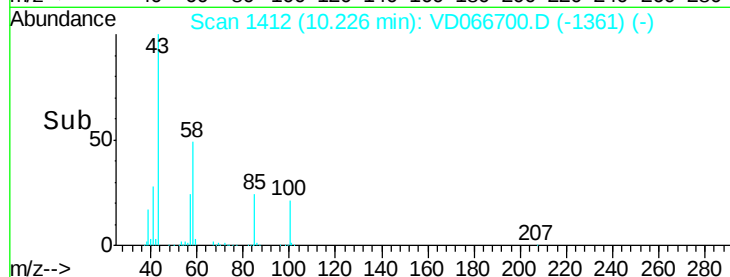
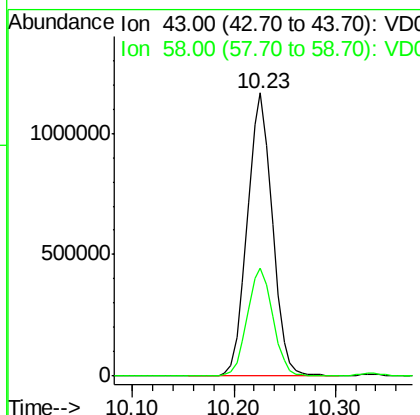
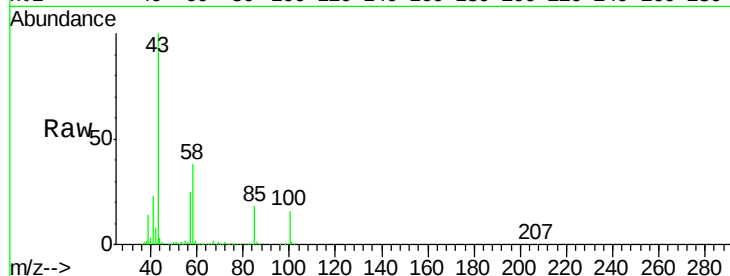




#51  
 4-Methyl-2-Pentanone  
 Concen: 741.892 ug/l  
 RT: 10.23 min Scan# 1412  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

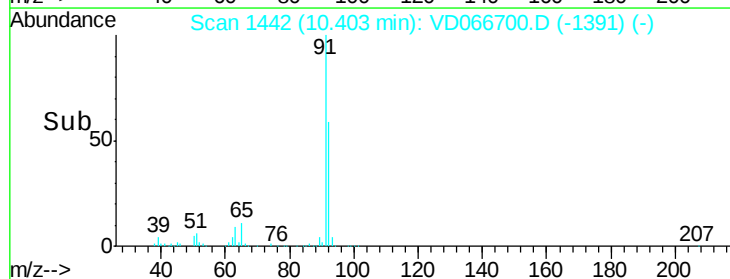
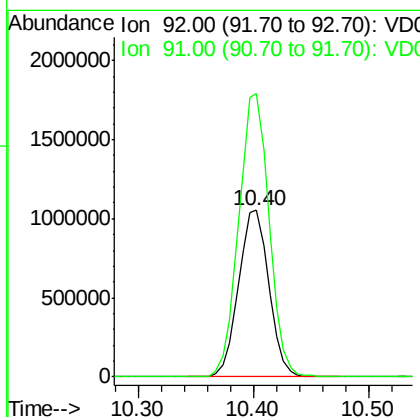
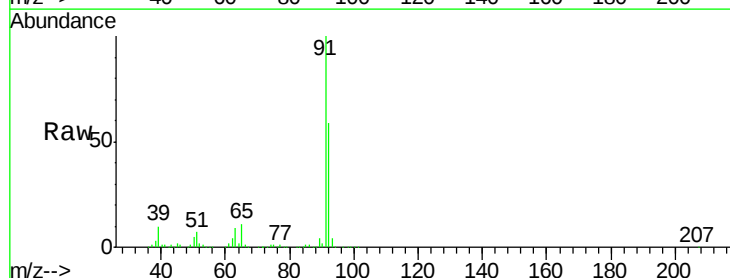
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

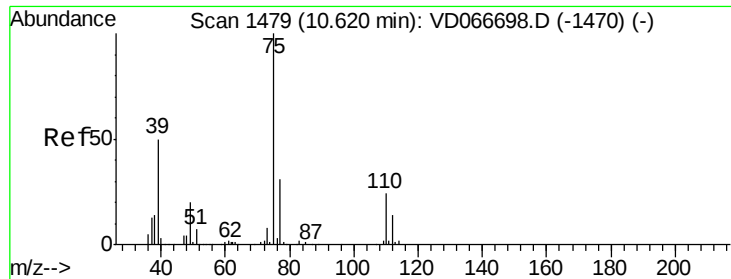
Tgt Ion: 43 Resp: 2008570  
 Ion Ratio Lower Upper  
 43 100  
 58 38.8 30.4 45.6



#52  
 Toluene  
 Concen: 150.625 ug/l  
 RT: 10.40 min Scan# 1442  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

Tgt Ion: 92 Resp: 1926568  
 Ion Ratio Lower Upper  
 92 100  
 91 170.1 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 151.232 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

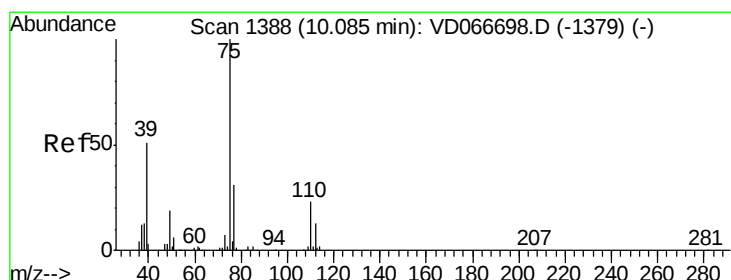
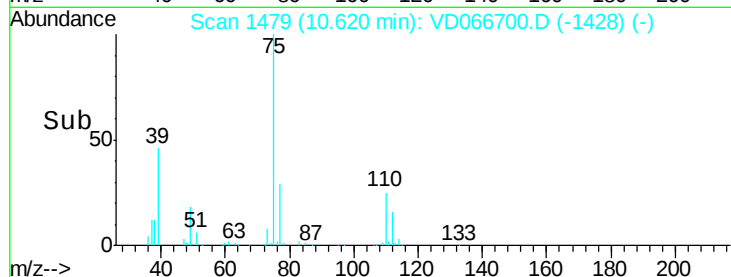
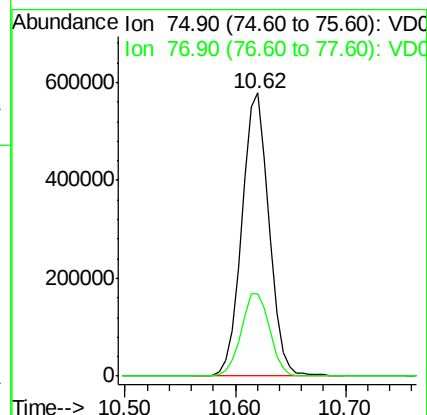
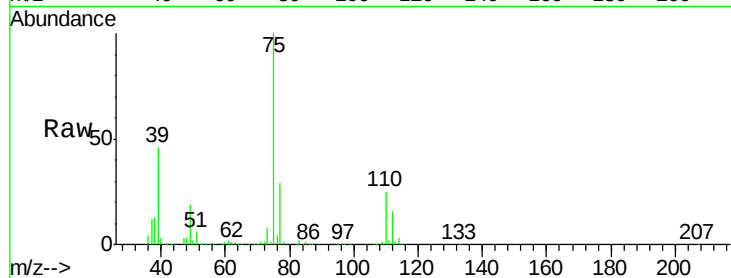
VSTDIC150

Tgt Ion: 75 Resp: 998507

Ion Ratio Lower Upper

75 100

77 29.2 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 149.331 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

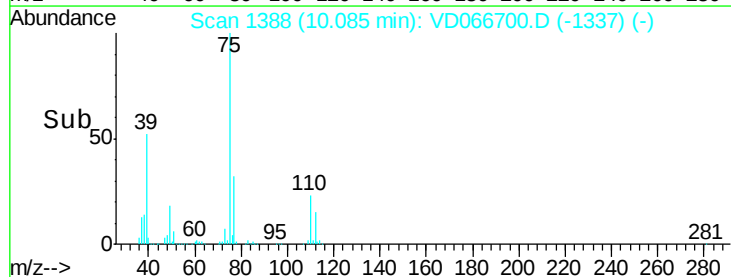
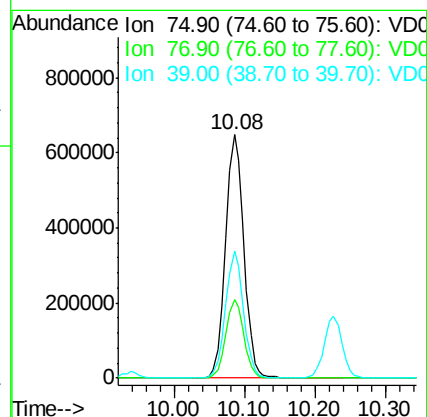
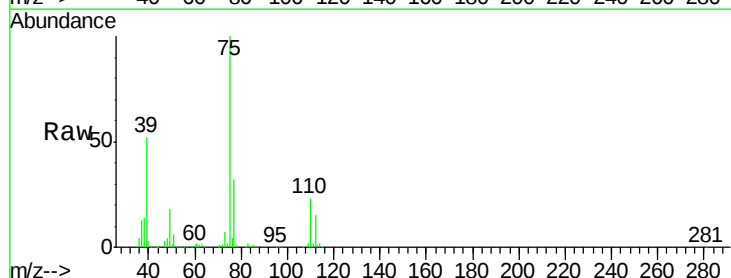
Tgt Ion: 75 Resp: 1171068

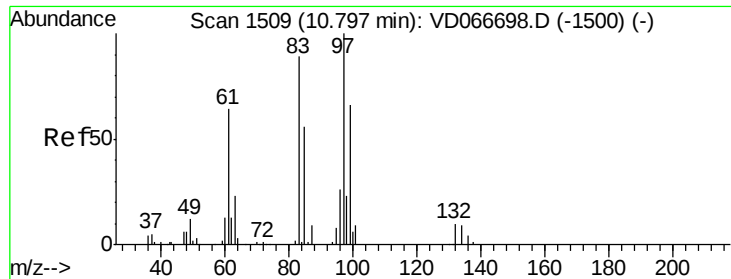
Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.6

39 52.0 40.6 61.0

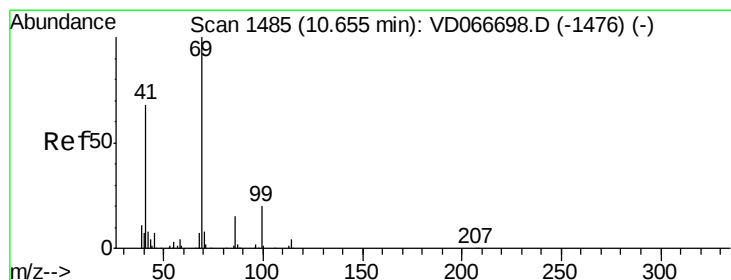
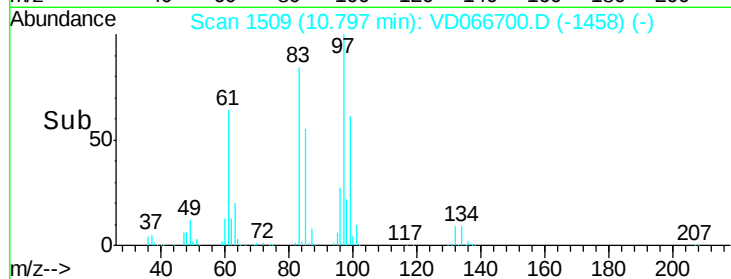
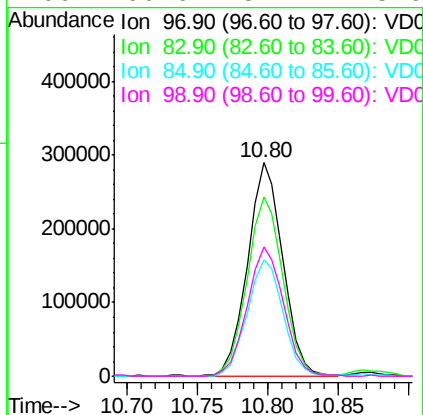
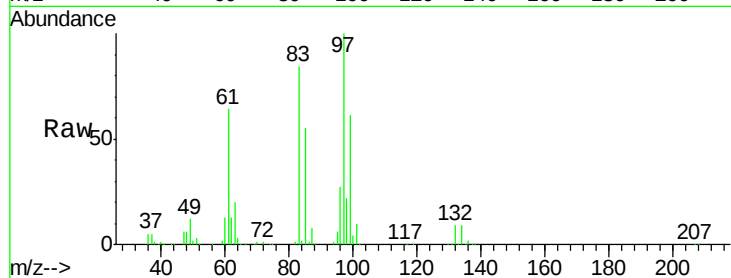




#55  
 1,1,2-Trichloroethane  
 Concen: 141.740 ug/l  
 RT: 10.80 min Scan# 1509  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

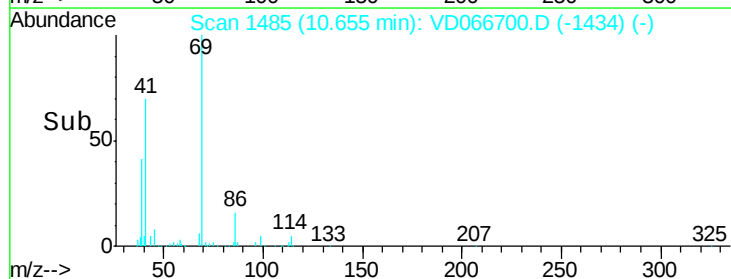
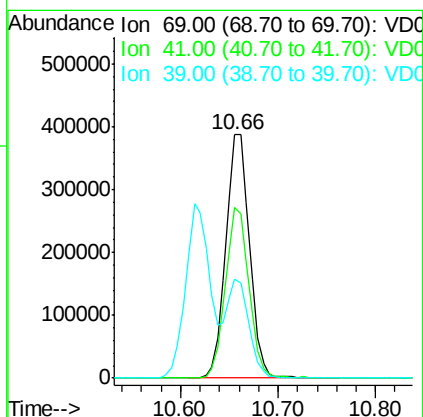
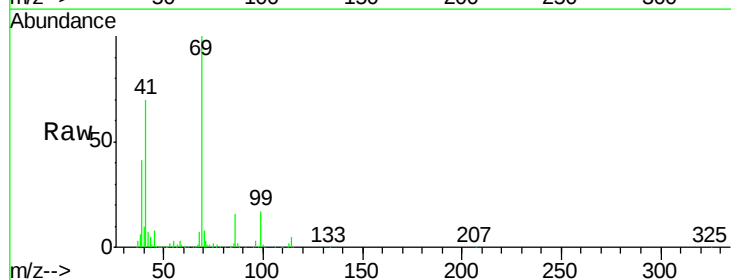
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

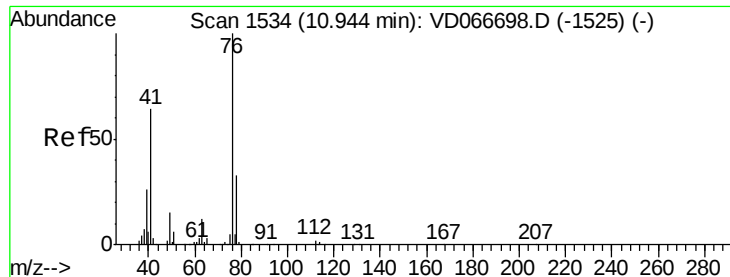
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 506877 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.2  | 71.4  | 107.2  |
| 85       | 54.6  | 44.7  | 67.1   |
| 99       | 60.6  | 52.4  | 78.6   |



#56  
 Ethyl methacrylate  
 Concen: 161.323 ug/l  
 RT: 10.66 min Scan# 1485  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 654677 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 69.6  | 55.5  | 83.3   |
| 39       | 39.7  | 29.7  | 44.5   |





#57

1,3-Dichloropropane

Concen: 142.259 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

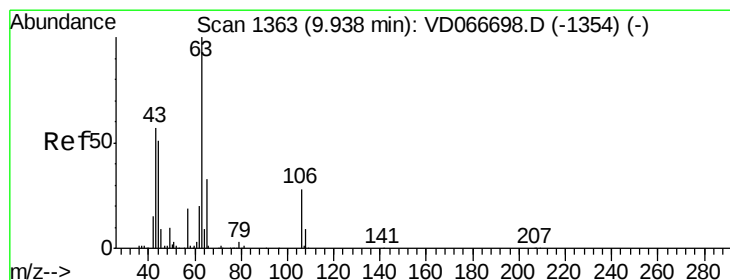
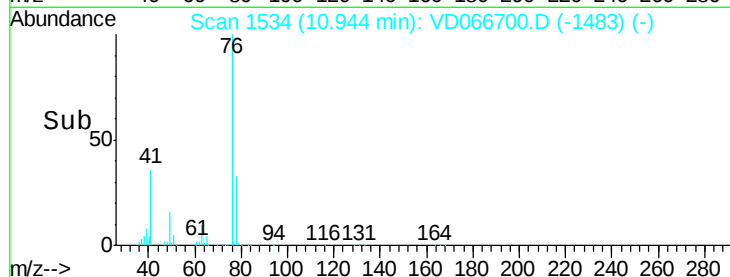
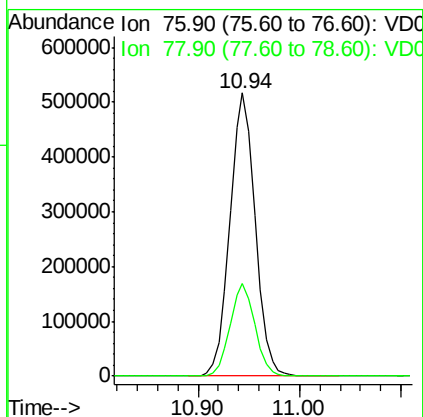
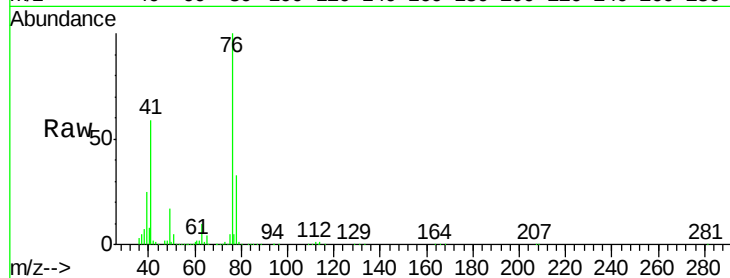
VSTDICC150

Tgt Ion: 76 Resp: 892785

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 686.512 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066700.D

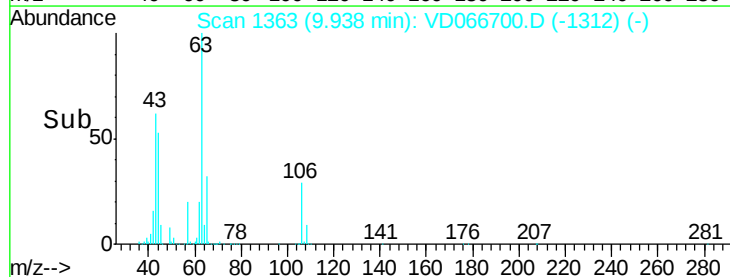
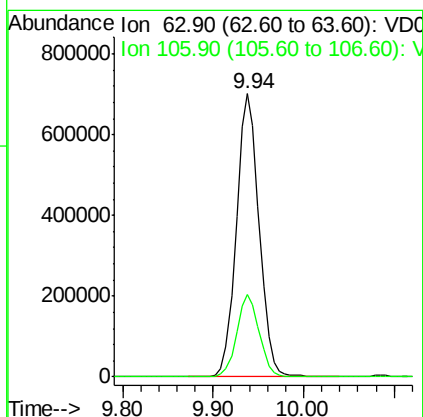
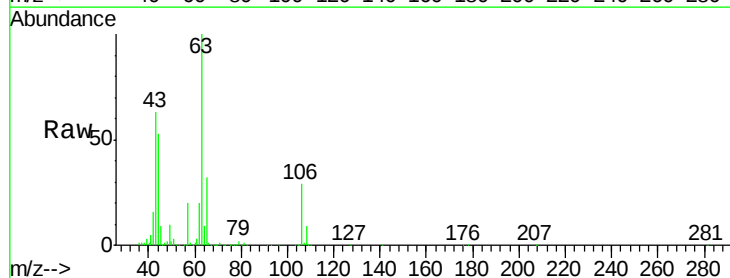
Acq: 15 Sep 2020 15:43

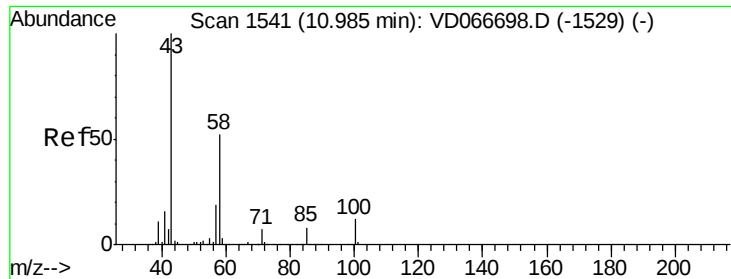
Tgt Ion: 63 Resp: 1223587

Ion Ratio Lower Upper

63 100

106 28.7 22.2 33.4

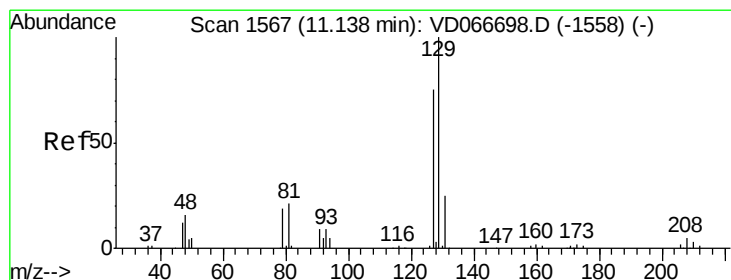
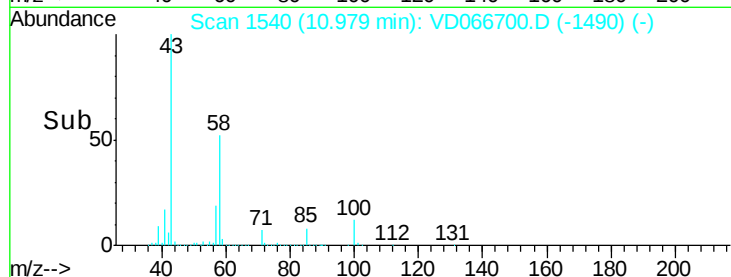
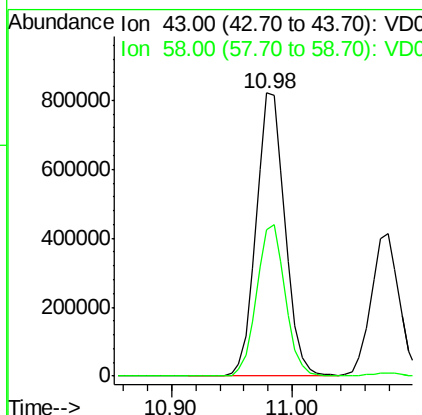
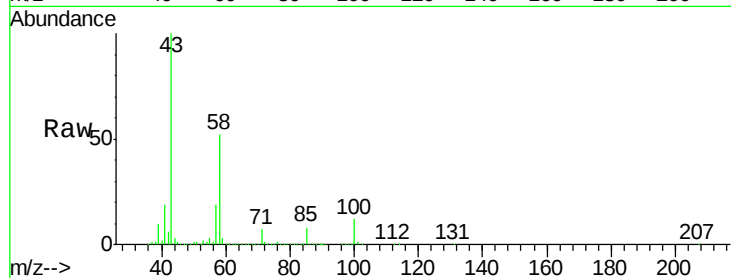




#59  
2-Hexanone  
Concen: 753.263 ug/l  
RT: 10.98 min Scan# 1540  
Delta R.T. -0.01 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

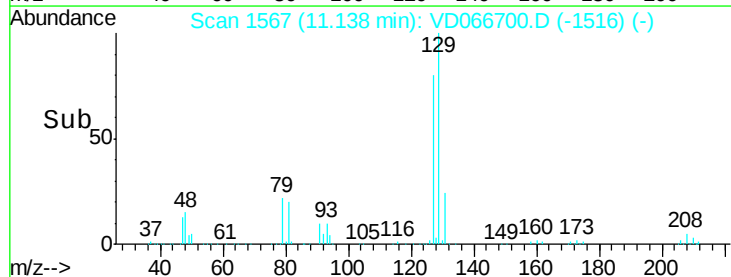
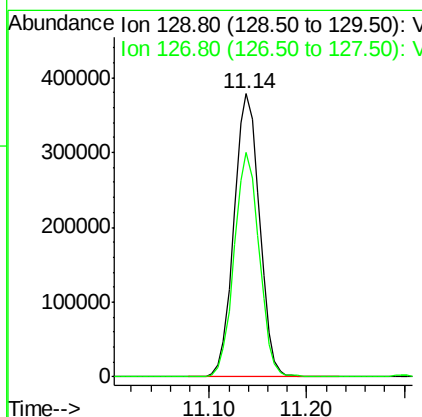
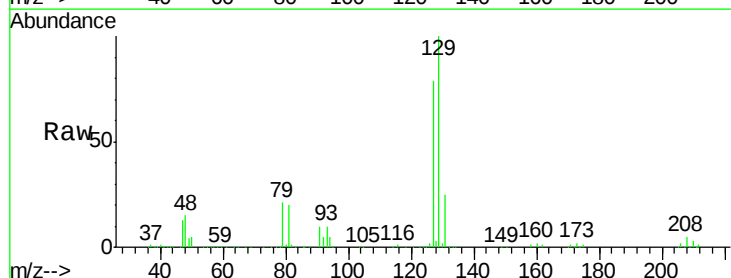
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

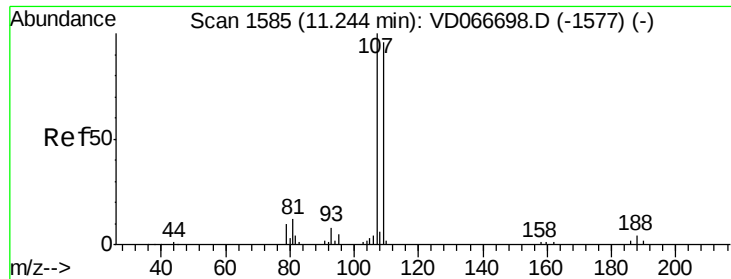
Tgt Ion: 43 Resp: 1370275  
Ion Ratio Lower Upper  
43 100  
58 53.1 26.2 78.5



#60  
Dibromochloromethane  
Concen: 147.679 ug/l  
RT: 11.14 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

Tgt Ion: 129 Resp: 688133  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.1 114.3

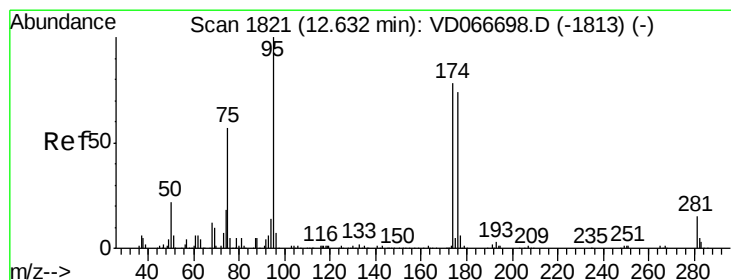
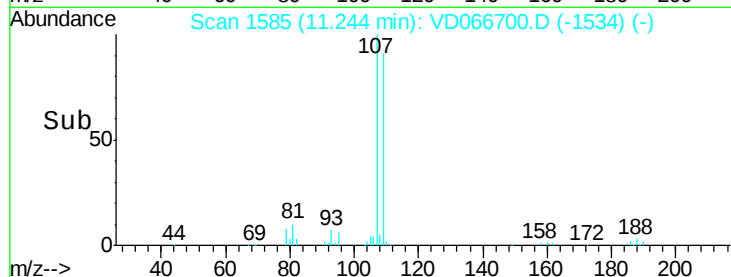
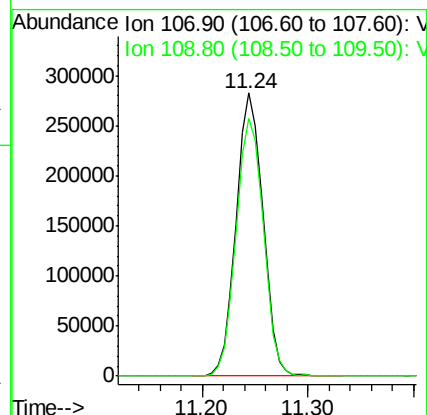
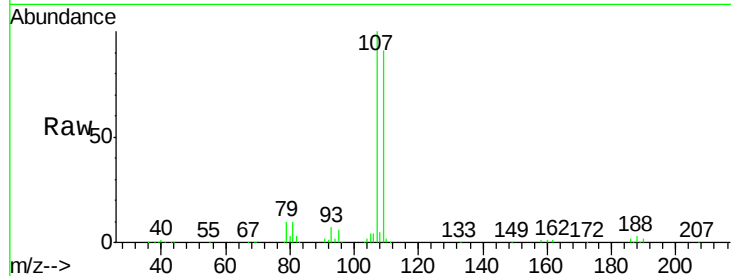




#61  
 1,2-Dibromoethane  
 Concen: 144.584 ug/l  
 RT: 11.24 min Scan# 1585  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

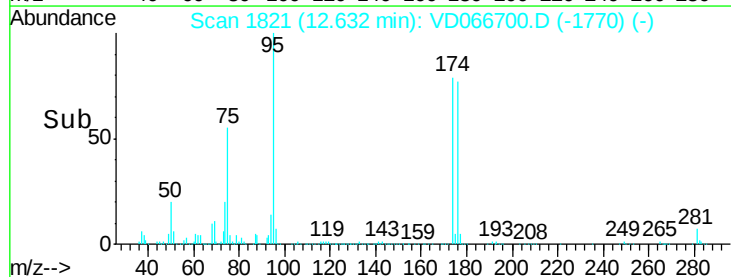
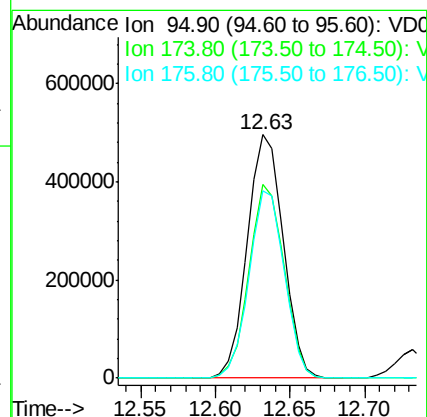
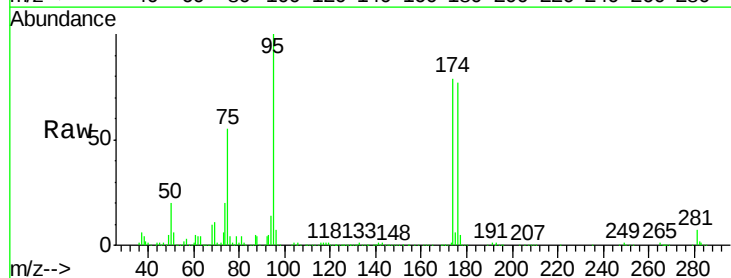
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

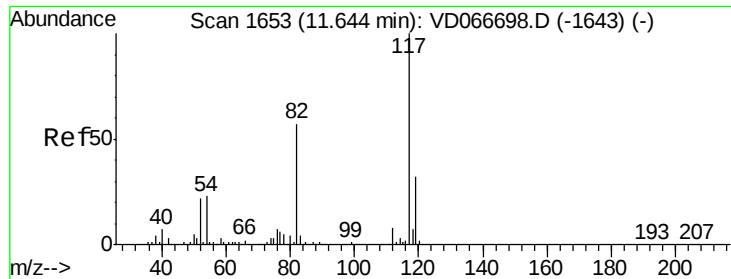
Tgt Ion: 107 Resp: 495982  
 Ion Ratio Lower Upper  
 107 100  
 109 93.1 75.6 113.4



#62  
 4-Bromofluorobenzene  
 Concen: 152.593 ug/l  
 RT: 12.63 min Scan# 1821  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

Tgt Ion: 95 Resp: 825866  
 Ion Ratio Lower Upper  
 95 100  
 174 77.8 0.0 156.6  
 176 75.6 0.0 150.2

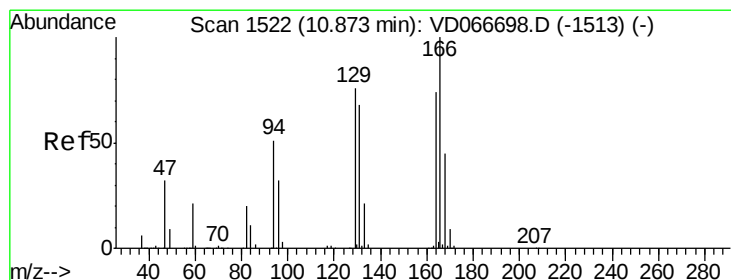
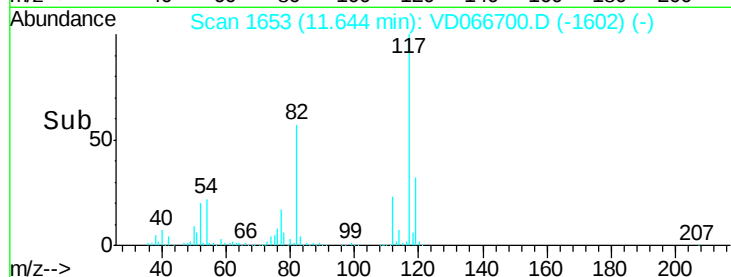
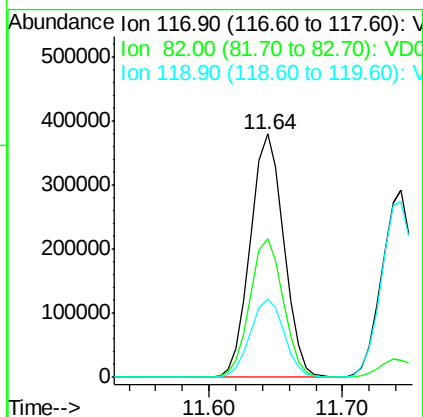
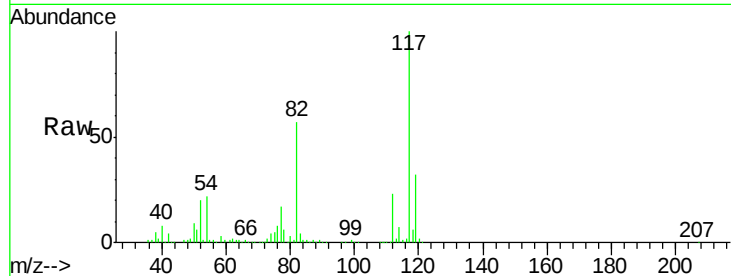




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1653  
Delta R.T. 0.00 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

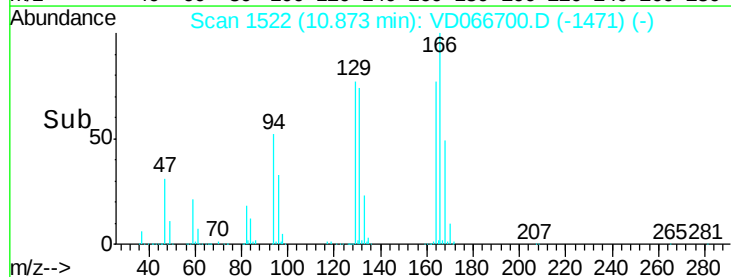
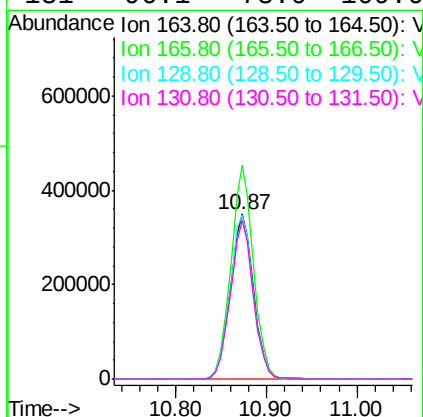
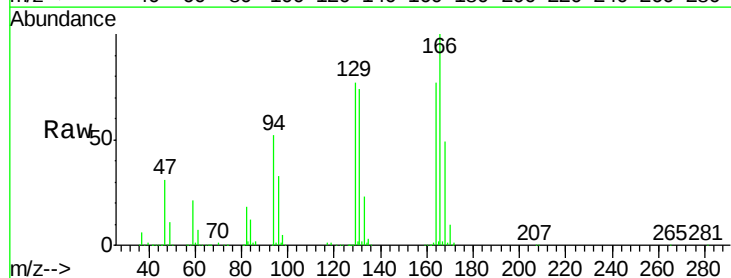
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

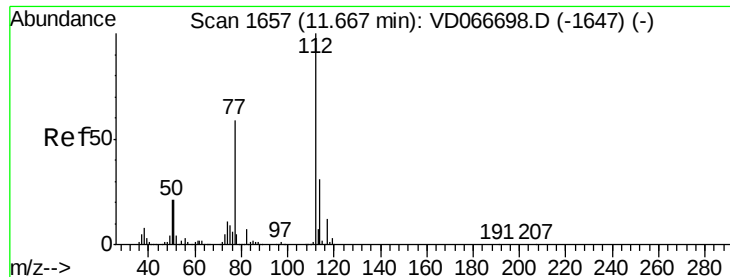
Tgt Ion:117 Resp: 658475  
Ion Ratio Lower Upper  
117 100  
82 56.9 45.4 68.0  
119 32.2 25.8 38.6



#64  
Tetrachloroethene  
Concen: 138.275 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

Tgt Ion:164 Resp: 621544  
Ion Ratio Lower Upper  
164 100  
166 129.7 107.5 161.3  
129 99.4 81.4 122.0  
131 96.1 73.0 109.6





#65

Chlorobenzene

Concen: 143.299 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

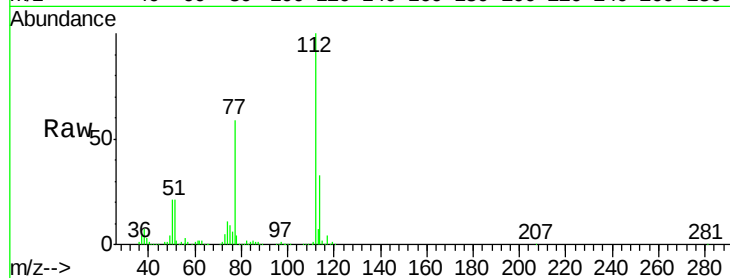
VSTDIC150

Tgt Ion:112 Resp: 1953626

Ion Ratio Lower Upper

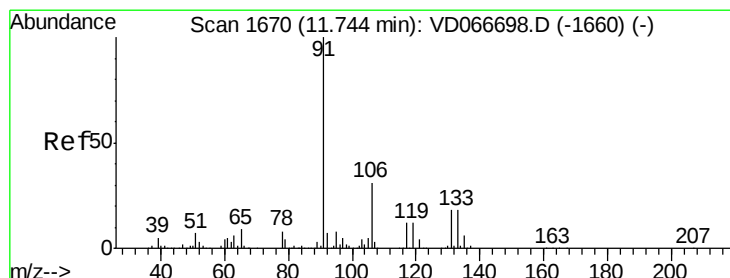
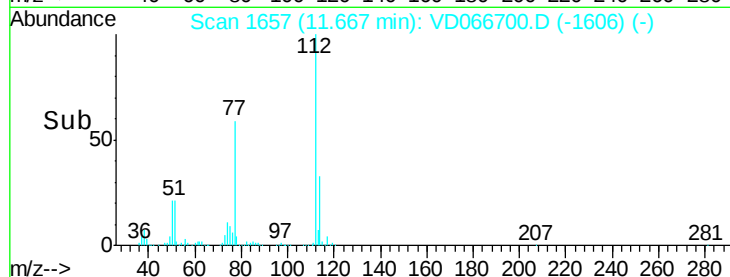
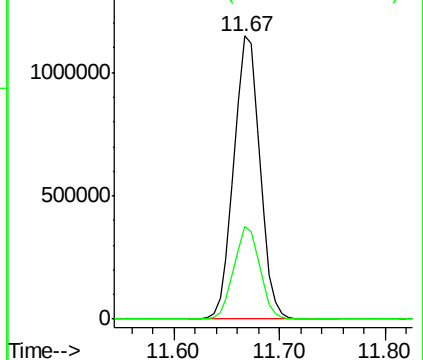
112 100

114 32.6 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 146.561 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

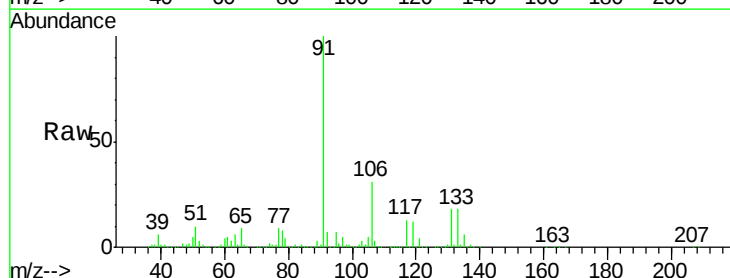
Tgt Ion:131 Resp: 737224

Ion Ratio Lower Upper

131 100

133 95.0 47.8 143.3

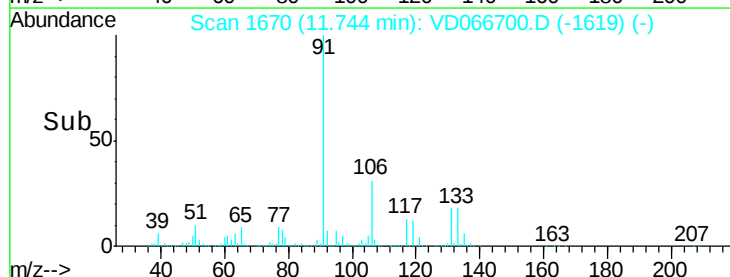
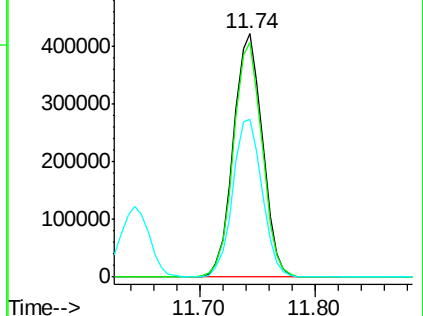
119 65.3 33.6 100.8

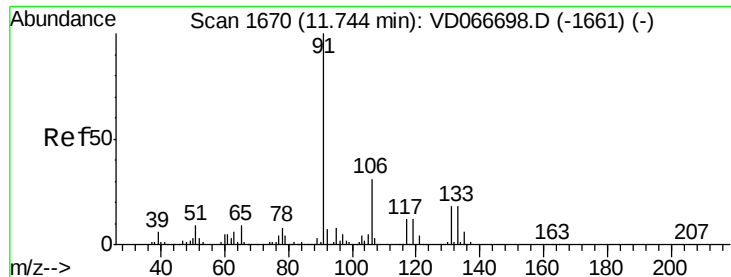


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 151.503 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

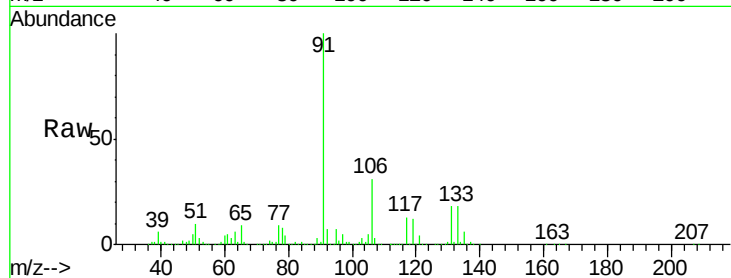
VSTDIC150

Tgt Ion: 91 Resp: 3741226

Ion Ratio Lower Upper

91 100

106 31.2 25.1 37.7

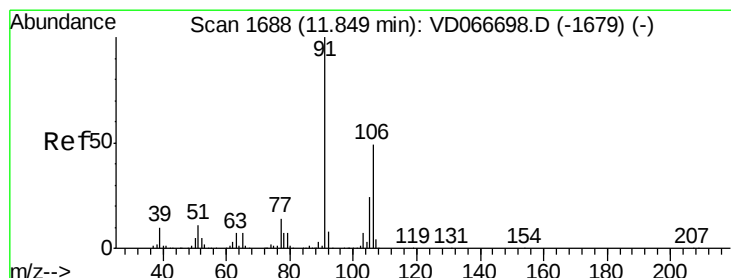
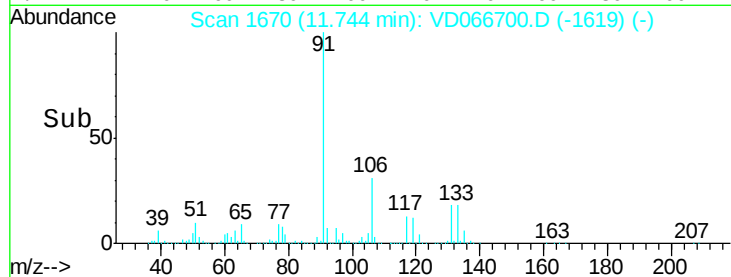


Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC

11.74

Time-->



#68

m/p-Xylenes

Concen: 299.596 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066700.D

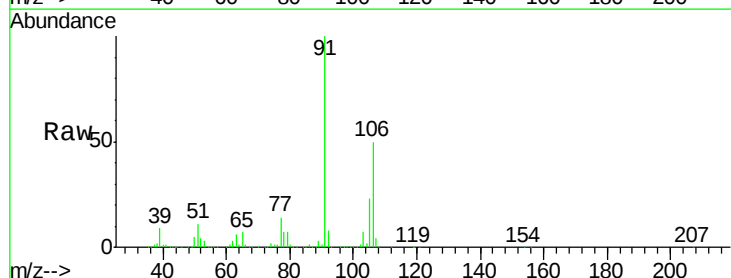
Acq: 15 Sep 2020 15:43

Tgt Ion: 106 Resp: 2796163

Ion Ratio Lower Upper

106 100

91 201.9 164.8 247.2

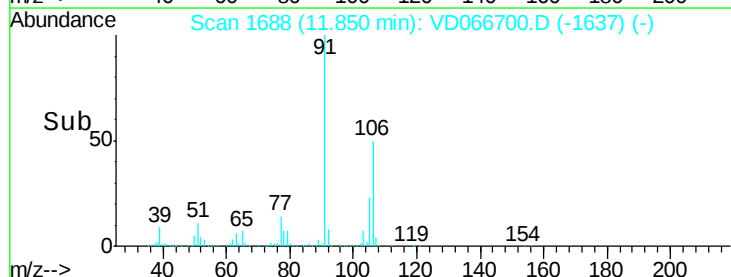


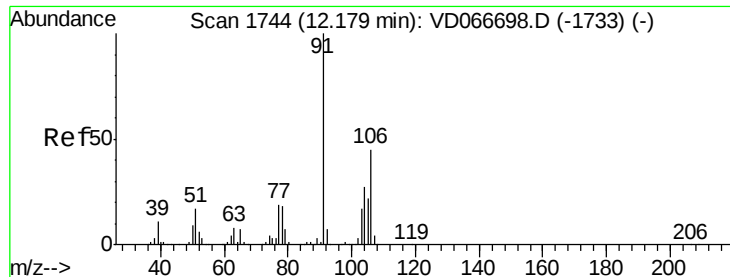
Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

11.85

Time-->

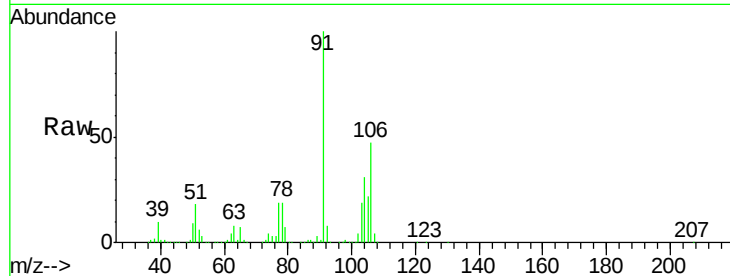




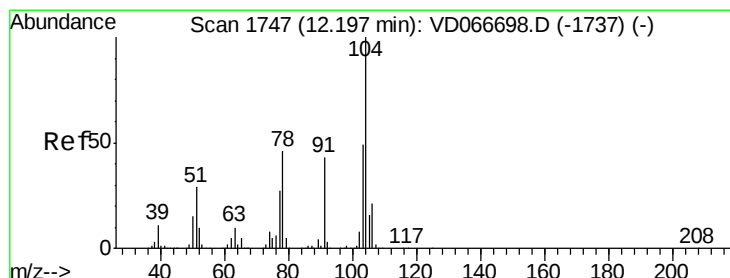
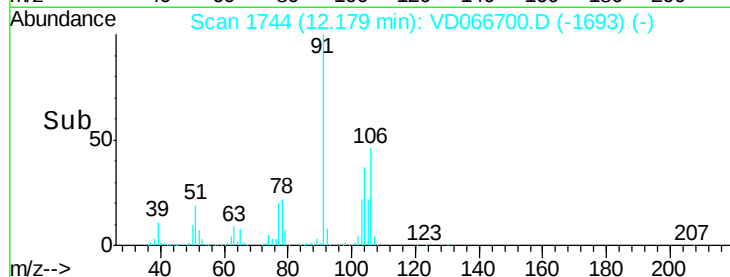
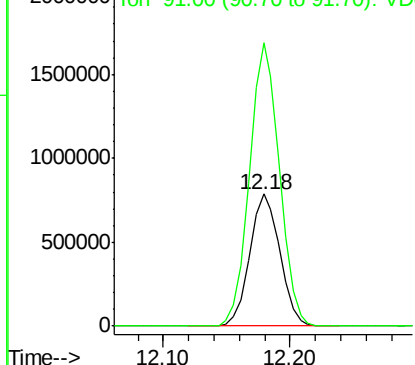
#69  
o-Xylene  
Concen: 157.536 ug/l  
RT: 12.18 min Scan# 1744  
Delta R.T. 0.00 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tgt Ion:106 Resp: 1299298  
Ion Ratio Lower Upper  
106 100  
91 212.7 109.4 328.2

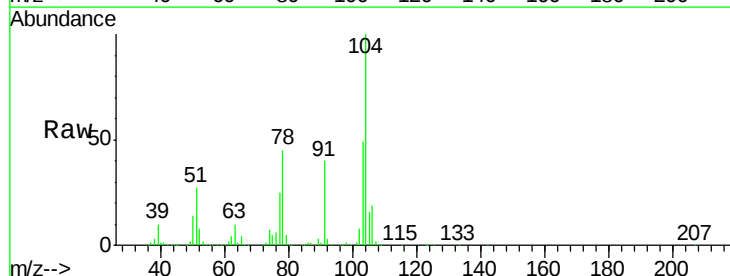


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): V

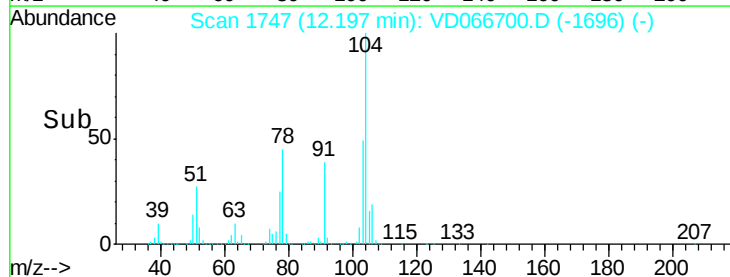
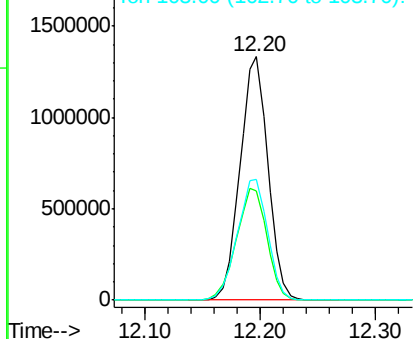


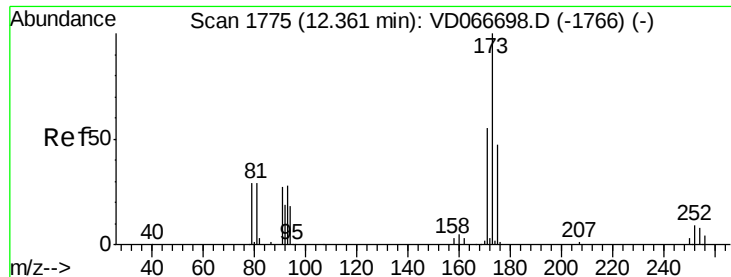
#70  
Styrene  
Concen: 154.045 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

Tgt Ion:104 Resp: 2236156  
Ion Ratio Lower Upper  
104 100  
78 50.1 40.2 60.4  
103 53.8 42.5 63.7



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): V  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 145.503 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

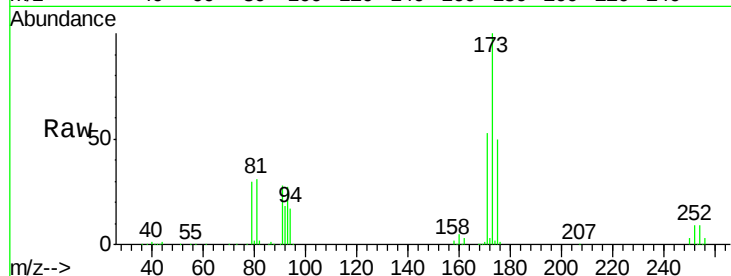
Tgt Ion:173 Resp: 367310

Ion Ratio Lower Upper

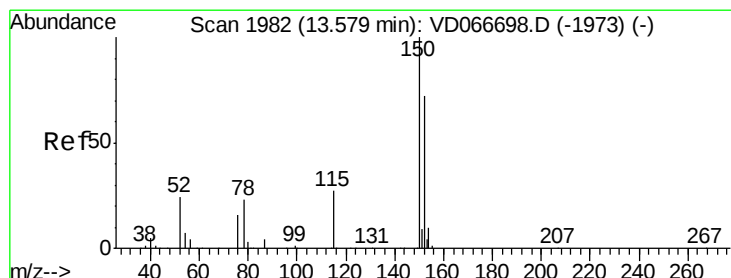
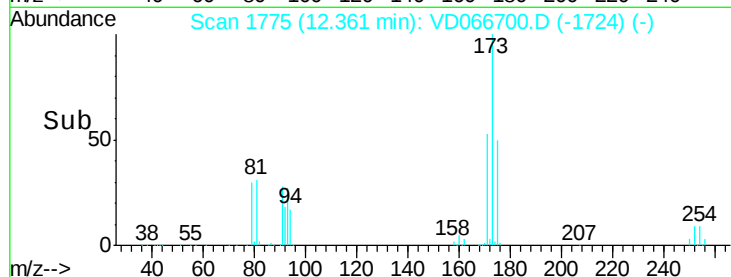
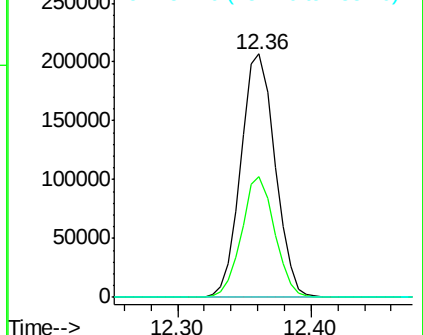
173 100

175 47.7 24.3 72.8

254 0.2 0.1 0.1#



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: VD066700.D

Acq: 15 Sep 2020 15:43

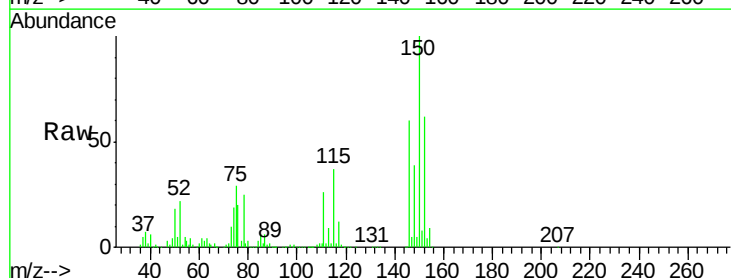
Tgt Ion:152 Resp: 310828

Ion Ratio Lower Upper

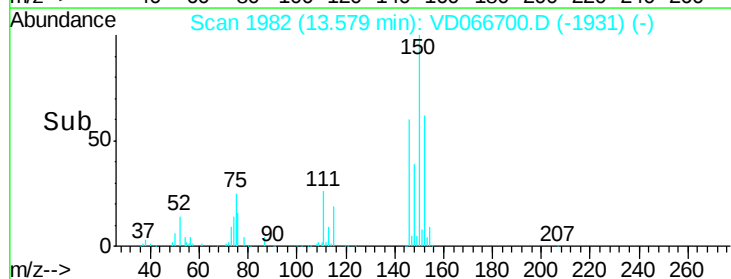
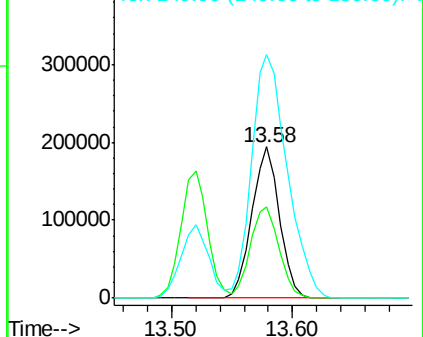
152 100

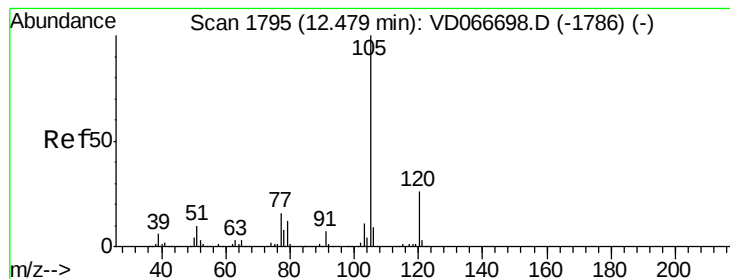
115 62.6 30.5 91.5

150 206.6 0.0 344.6



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: 153.809 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

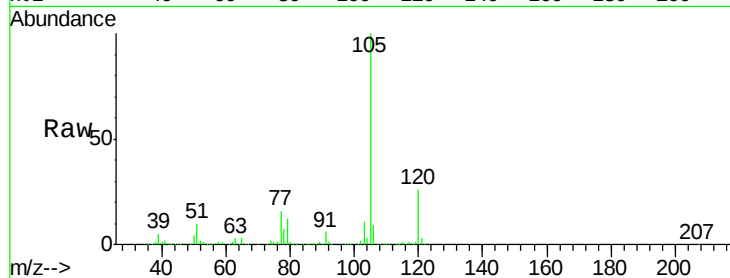
VSTDIC150

Tgt Ion:105 Resp: 3568996

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

2500000

2000000

1500000

1000000

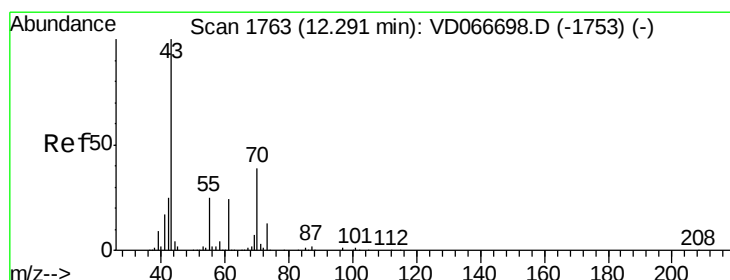
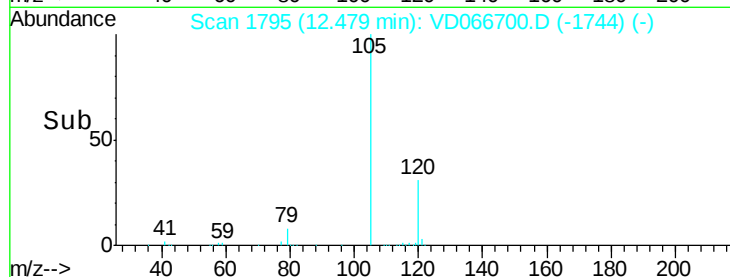
500000

0

Time-->

12.40

12.50



#74

N-ethyl acetate

Concen: 154.443 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Tgt Ion: 43 Resp: 755963

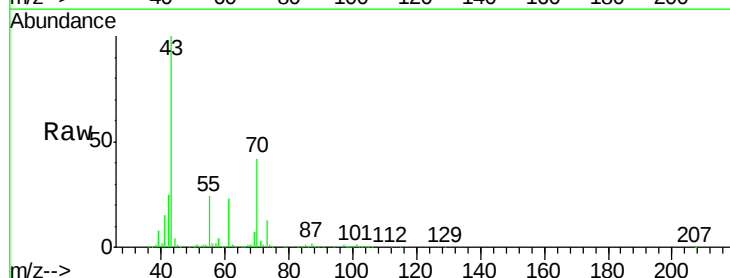
Ion Ratio Lower Upper

43 100

70 41.7 33.0 49.4

55 23.9 20.6 30.8

61 23.3 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.29

600000

400000

200000

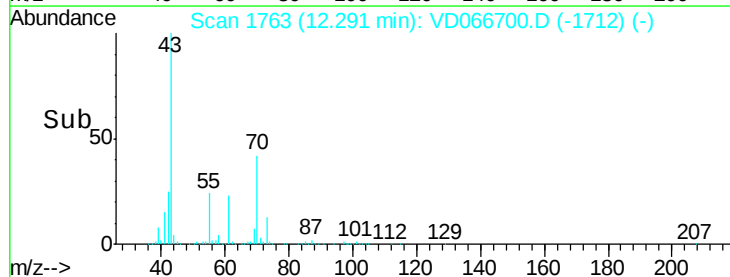
0

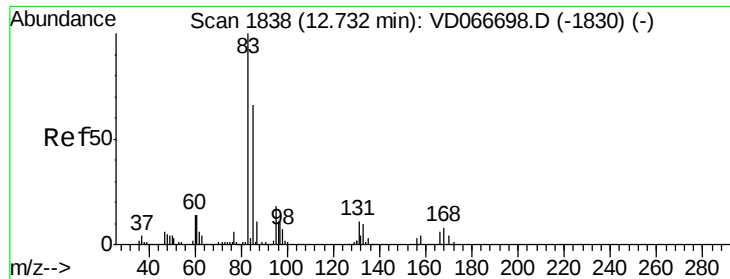
Time-->

12.20

12.30

12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 137.583 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

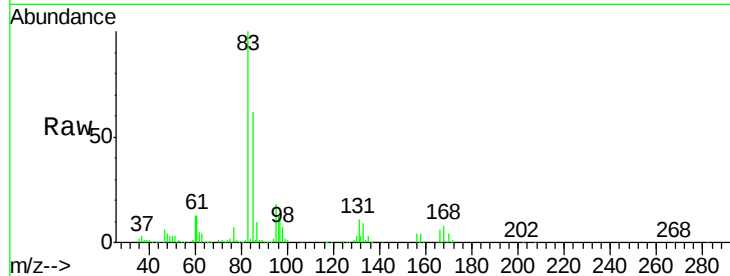
Tgt Ion: 83 Resp: 542480

Ion Ratio Lower Upper

83 100

131 10.9 5.8 17.3

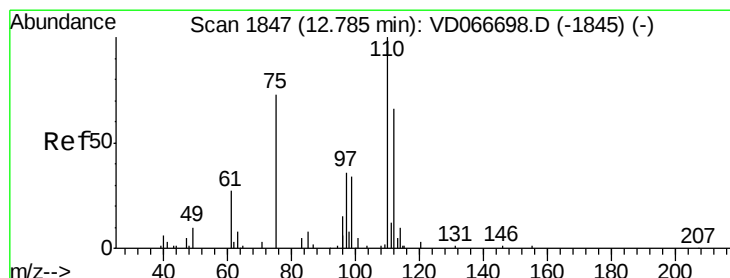
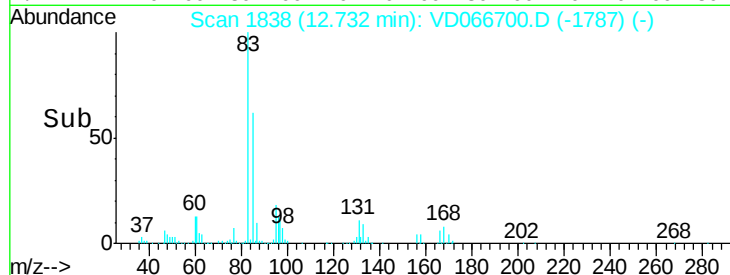
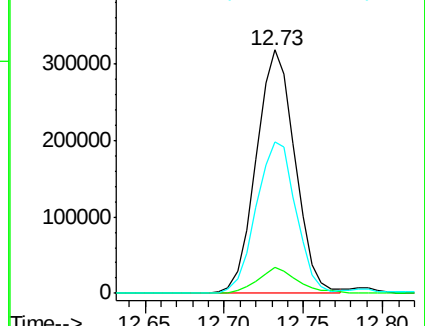
85 64.0 33.3 99.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 286.197 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066700.D

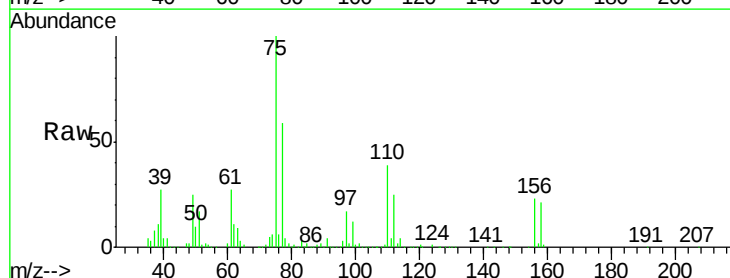
Acq: 15 Sep 2020 15:43

Tgt Ion: 75 Resp: 752891

Ion Ratio Lower Upper

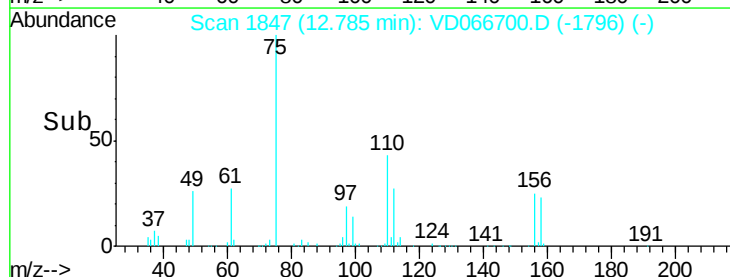
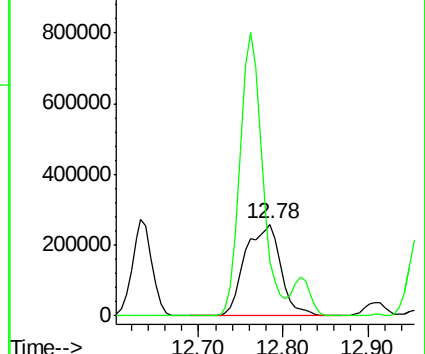
75 100

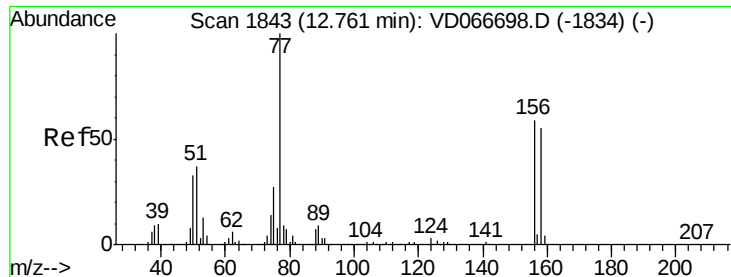
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 144.844 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

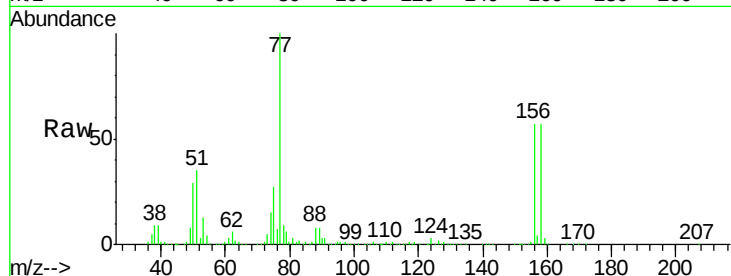
Tgt Ion:156 Resp: 774649

Ion Ratio Lower Upper

156 100

77 188.6 95.8 287.3

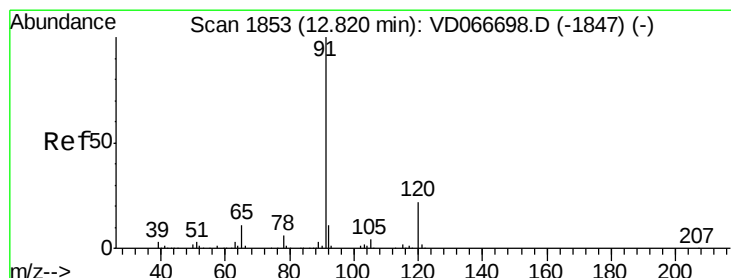
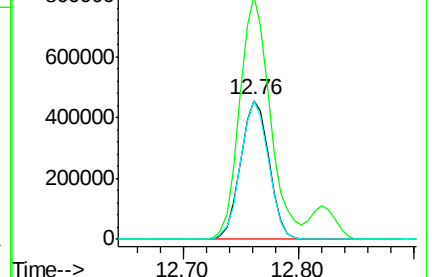
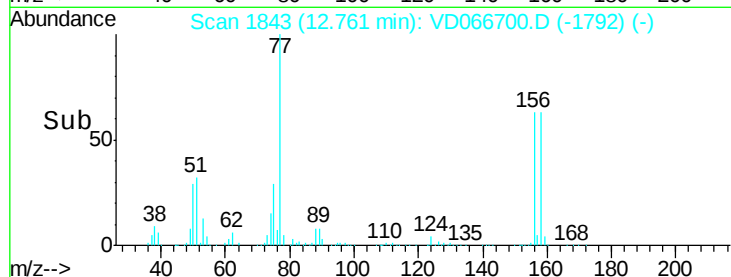
158 98.0 48.4 145.0



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: 148.003 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066700.D

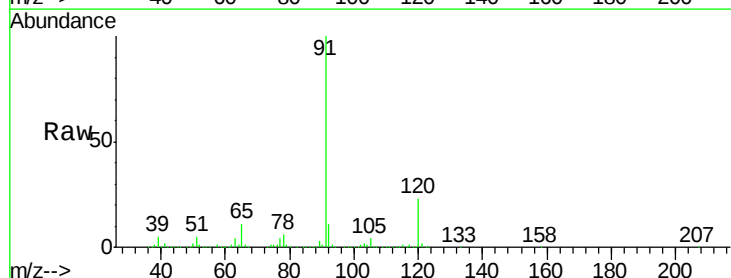
Acq: 15 Sep 2020 15:43

Tgt Ion: 91 Resp: 4186429

Ion Ratio Lower Upper

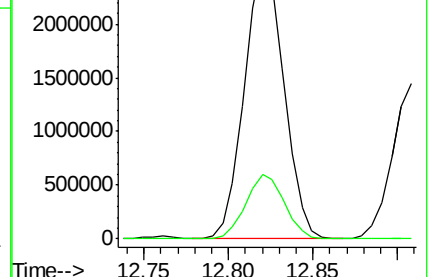
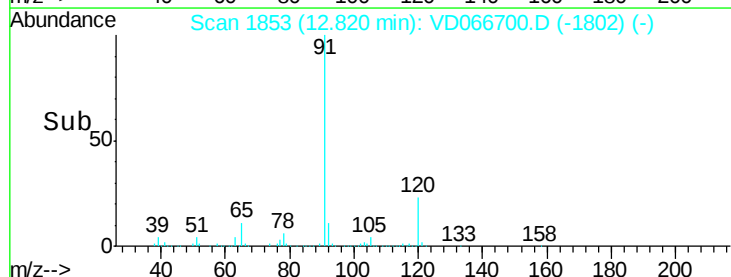
91 100

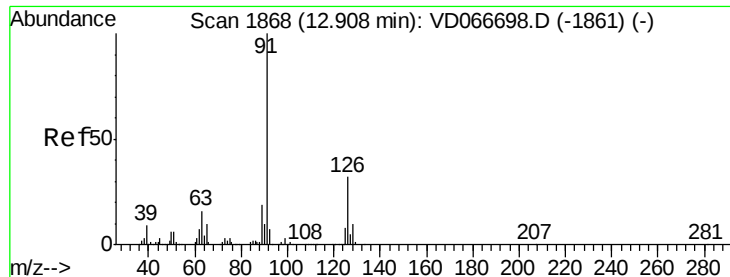
120 22.8 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 146.923 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

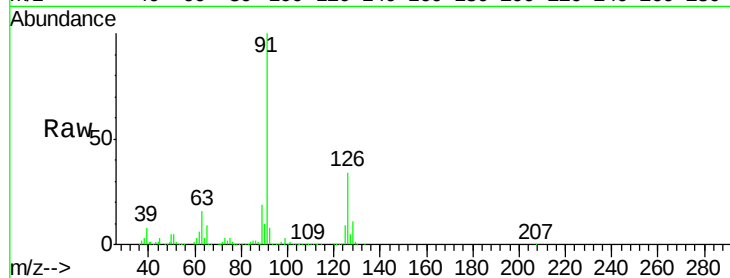
VSTDIC150

Tgt Ion: 91 Resp: 2349936

Ion Ratio Lower Upper

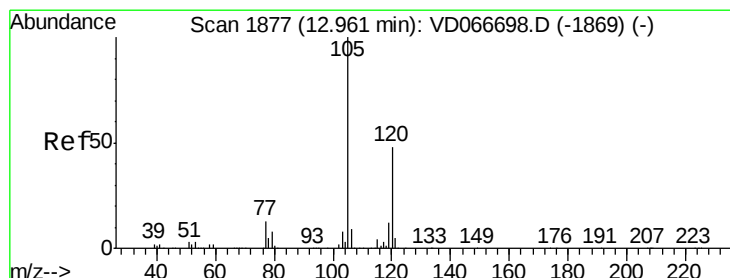
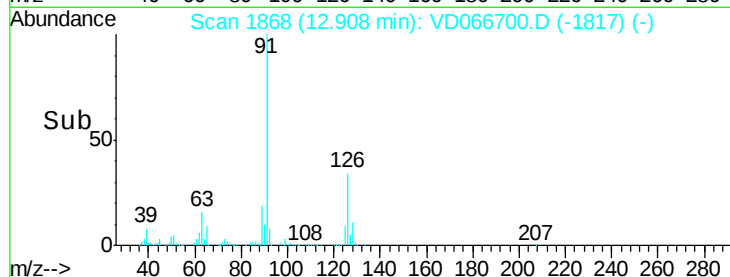
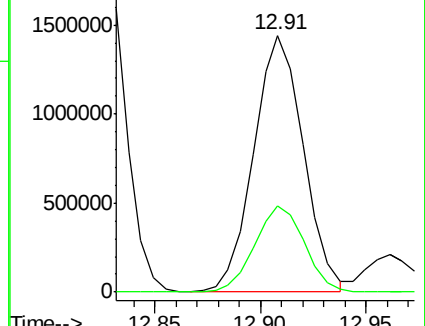
91 100

126 33.9 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VD066698.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066698.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 150.694 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066700.D

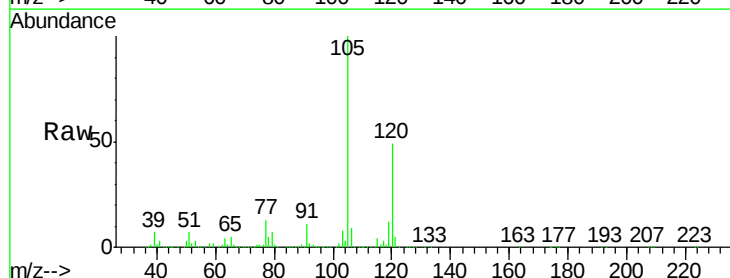
Acq: 15 Sep 2020 15:43

Tgt Ion: 105 Resp: 2956554

Ion Ratio Lower Upper

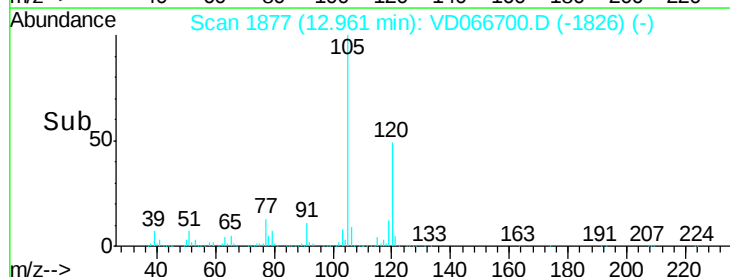
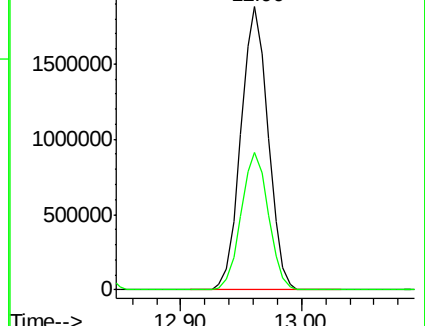
105 100

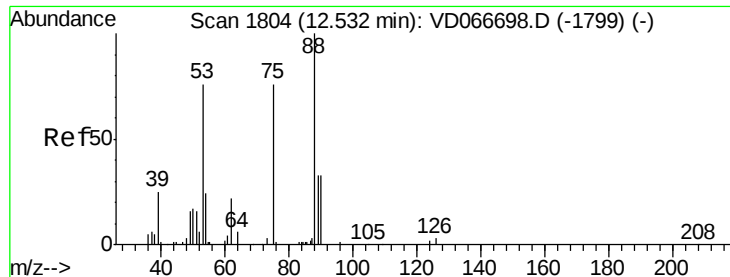
120 48.8 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VD066698.D (-1869) (-)

Ion 120.00 (119.70 to 120.70): VD066698.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 150.803 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

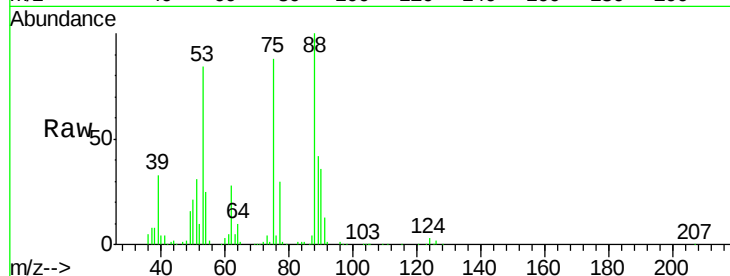
Tgt Ion: 75 Resp: 185908

Ion Ratio Lower Upper

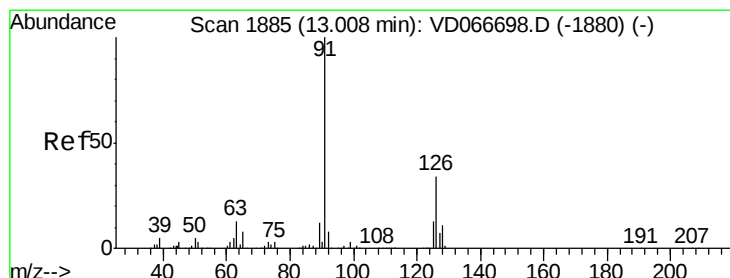
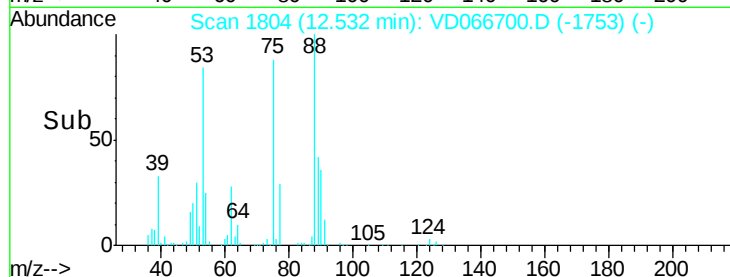
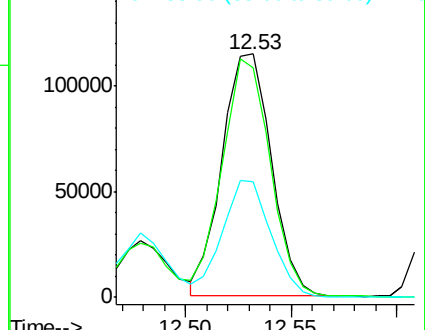
75 100

53 95.4 82.2 123.4

89 47.8 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VDC  
Ion 53.00 (52.70 to 53.70): VDC  
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 143.540 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066700.D

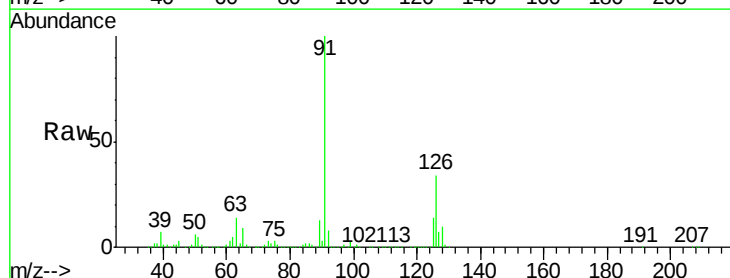
Acq: 15 Sep 2020 15:43

Tgt Ion: 91 Resp: 2427533

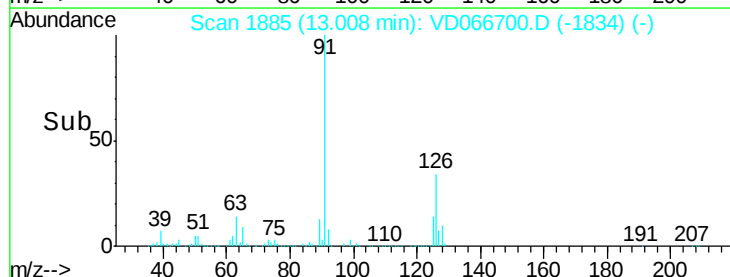
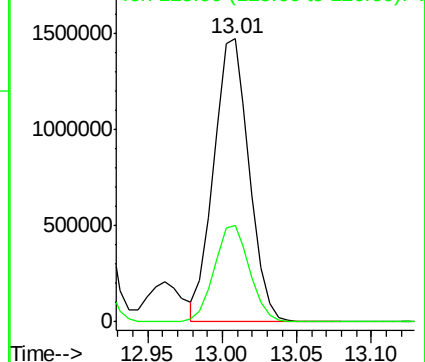
Ion Ratio Lower Upper

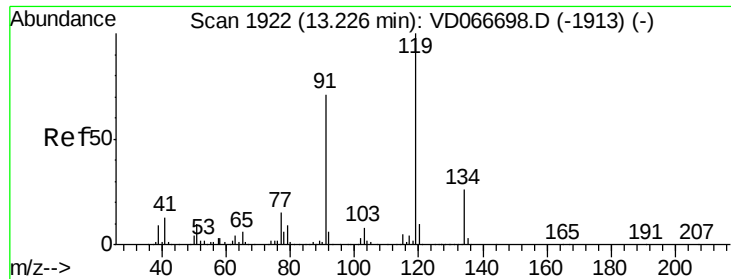
91 100

126 34.2 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 125.90 (125.60 to 126.60): V

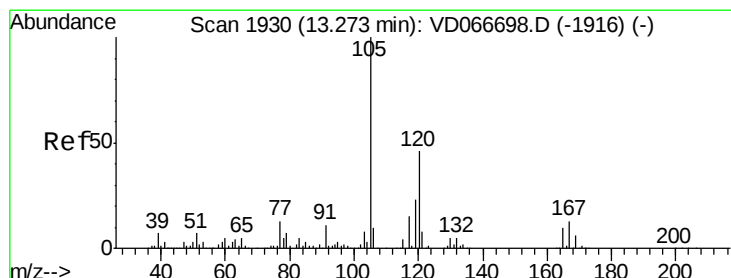
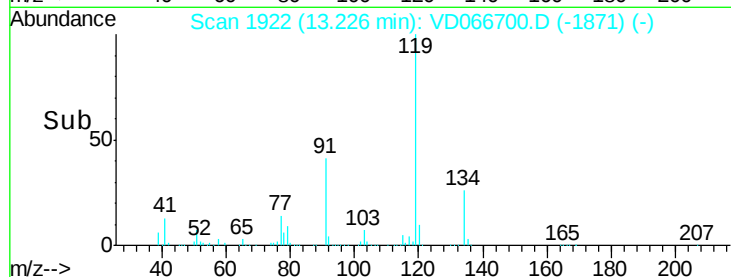
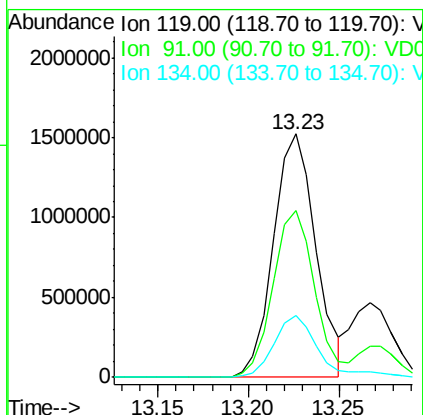
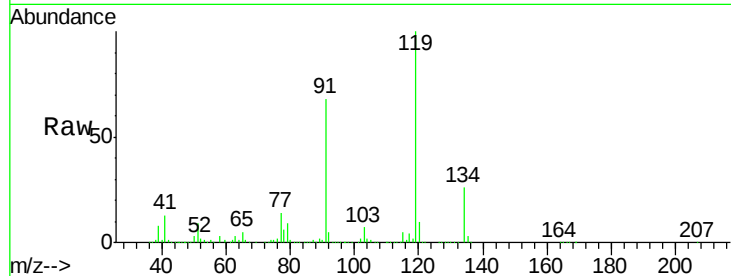




#83  
 tert-Butylbenzene  
 Concen: 153.643 ug/l  
 RT: 13.23 min Scan# 1922  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

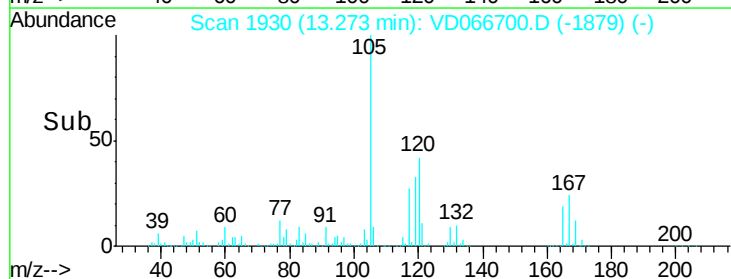
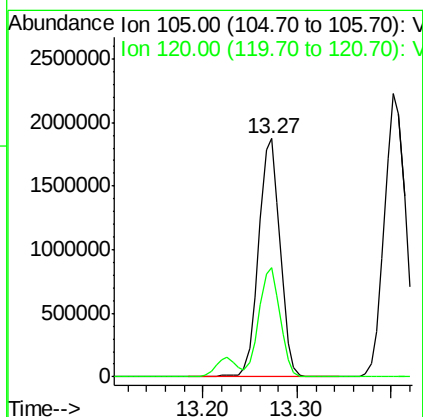
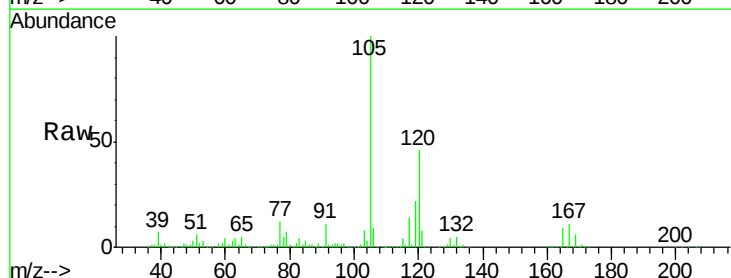
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

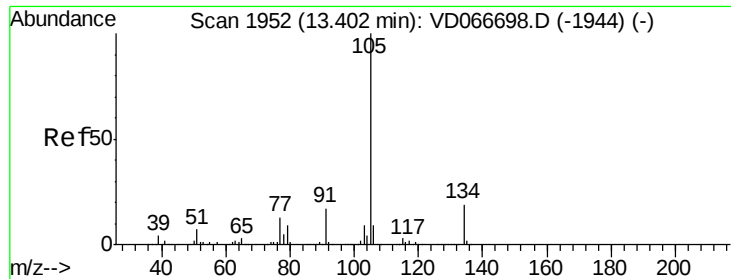
Tgt Ion:119 Resp: 2484511  
 Ion Ratio Lower Upper  
 119 100  
 91 68.1 35.0 105.1  
 134 26.8 13.6 40.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 150.560 ug/l  
 RT: 13.27 min Scan# 1930  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

Tgt Ion:105 Resp: 2952084  
 Ion Ratio Lower Upper  
 105 100  
 120 45.2 22.4 67.2

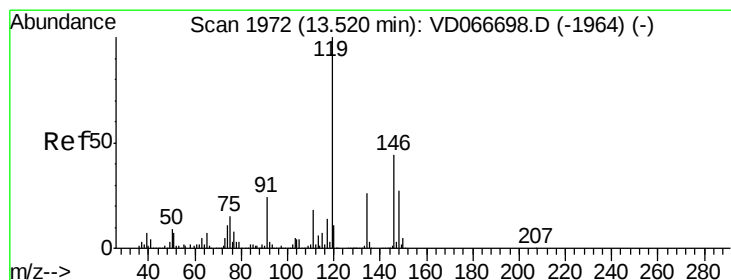
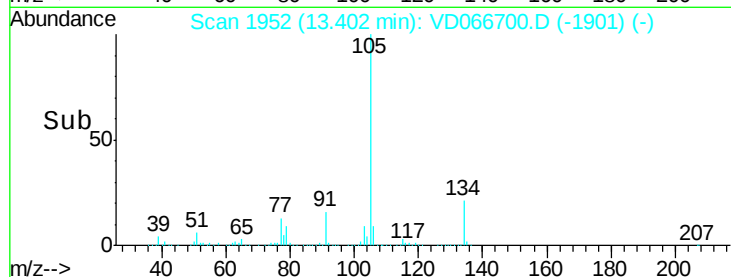
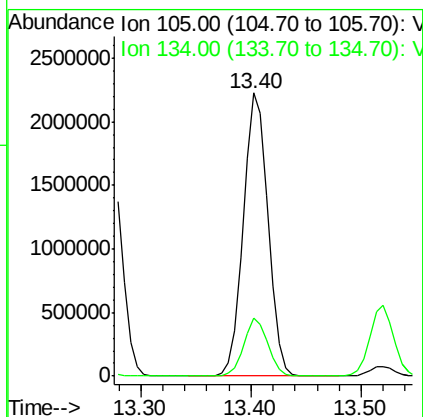
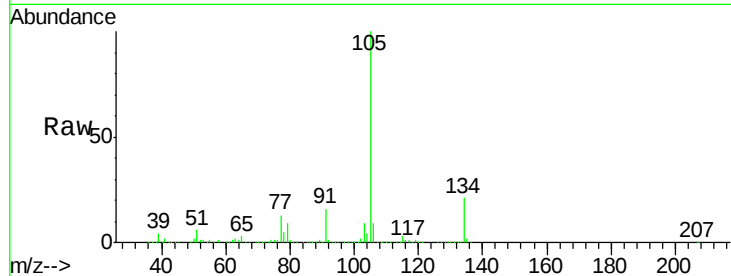




#85  
 sec-Butylbenzene  
 Concen: 150.538 ug/l  
 RT: 13.40 min Scan# 1952  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

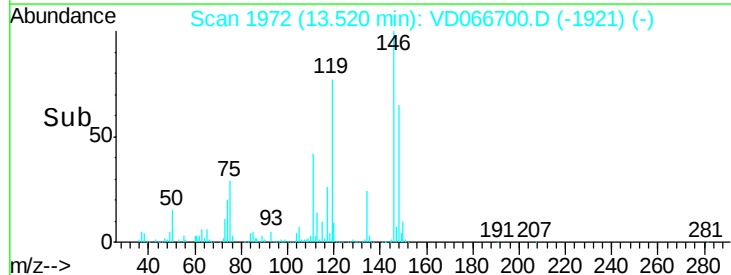
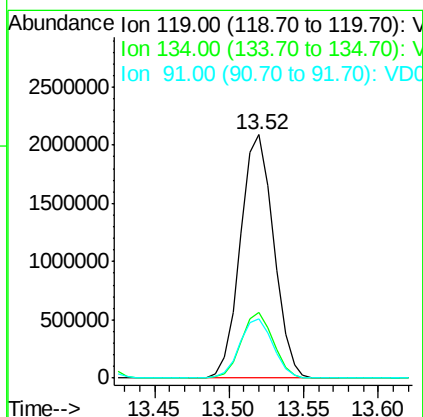
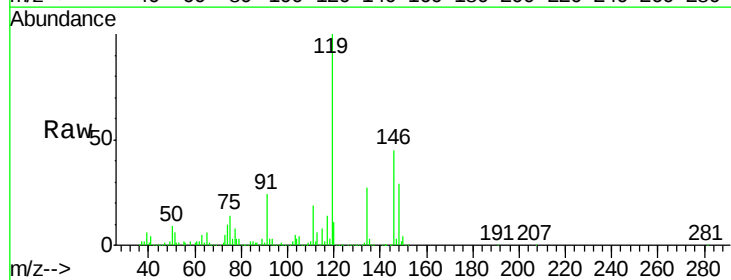
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

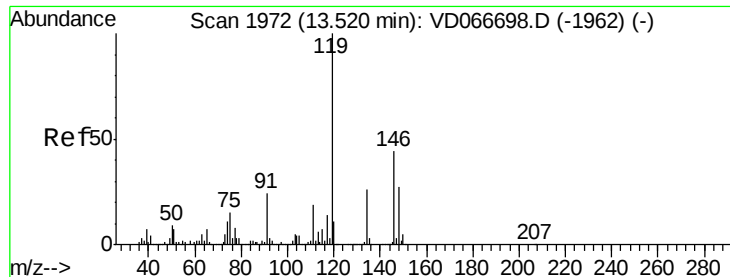
Tgt Ion:105 Resp: 3489882  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 10.0 30.0



#86  
 p-Isopropyltoluene  
 Concen: 153.127 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

Tgt Ion:119 Resp: 3227303  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.9 38.7  
 91 24.2 12.3 36.9

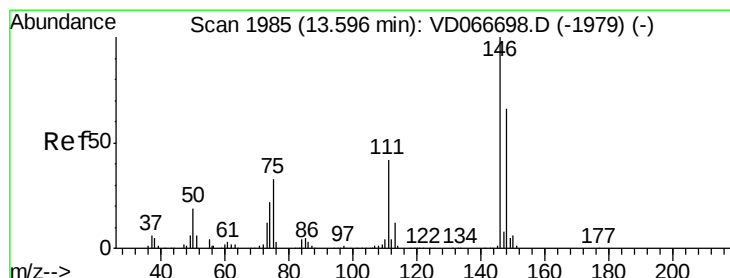
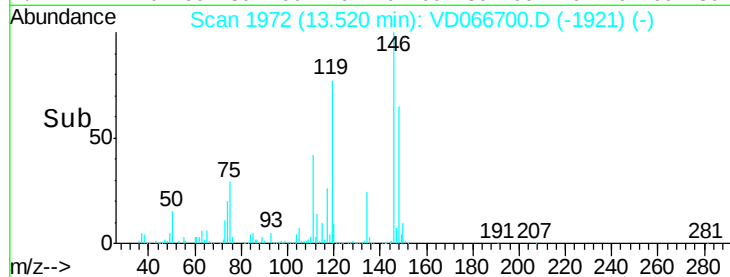
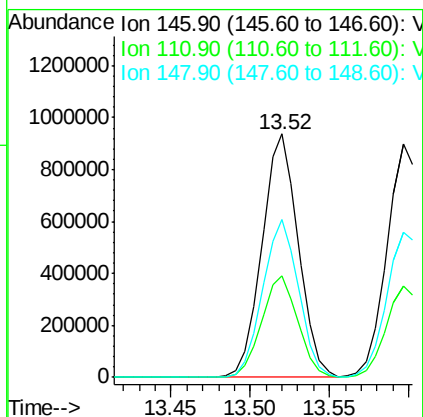
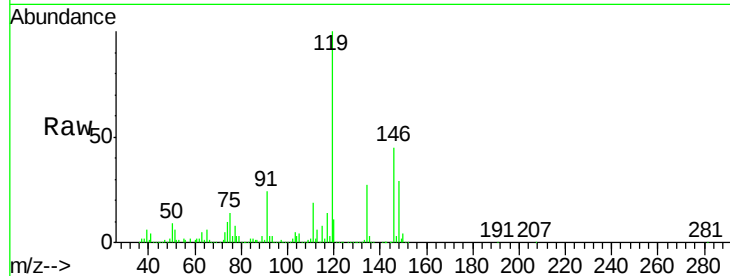




#87  
 1,3-Dichlorobenzene  
 Concen: 145.475 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

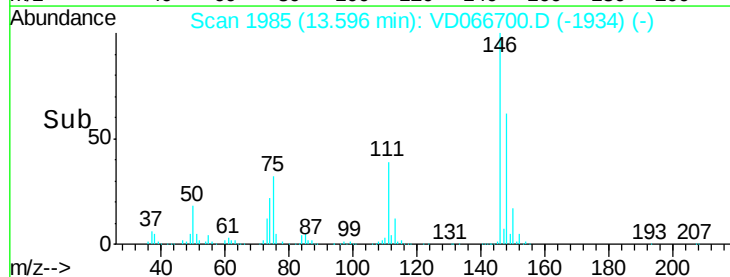
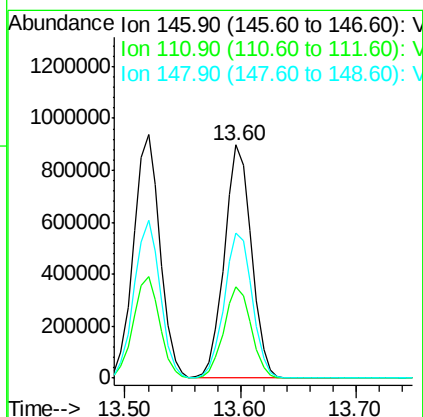
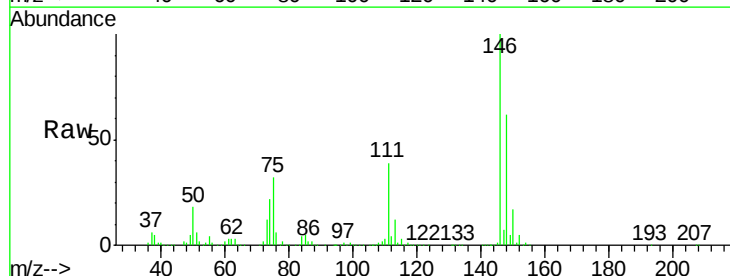
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

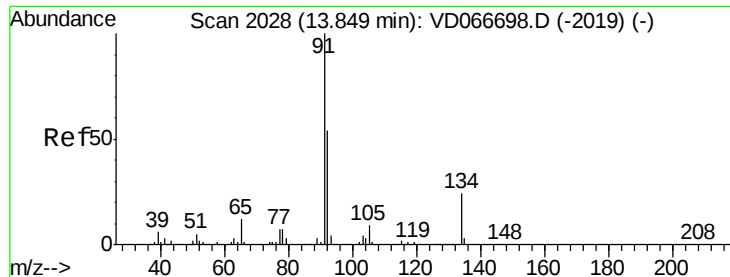
Tgt Ion:146 Resp: 1492652  
 Ion Ratio Lower Upper  
 146 100  
 111 41.7 21.1 63.3  
 148 64.3 31.4 94.2



#88  
 1,4-Dichlorobenzene  
 Concen: 142.315 ug/l  
 RT: 13.60 min Scan# 1985  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

Tgt Ion:146 Resp: 1454089  
 Ion Ratio Lower Upper  
 146 100  
 111 39.8 20.5 61.6  
 148 64.4 32.7 98.1

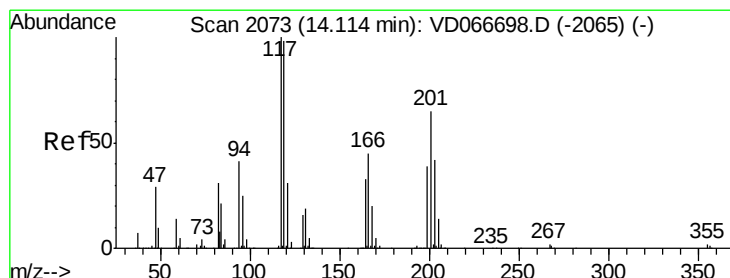
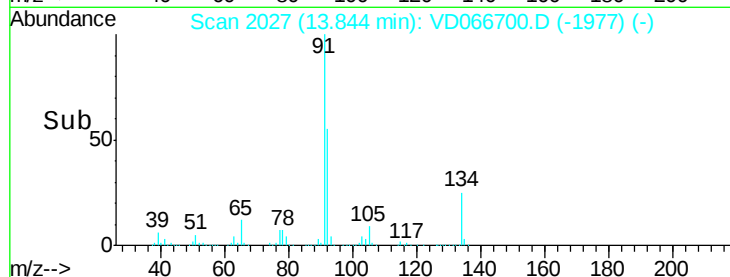
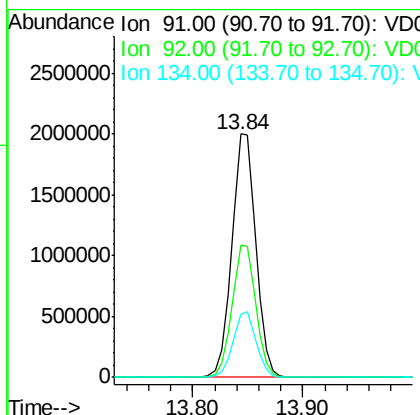
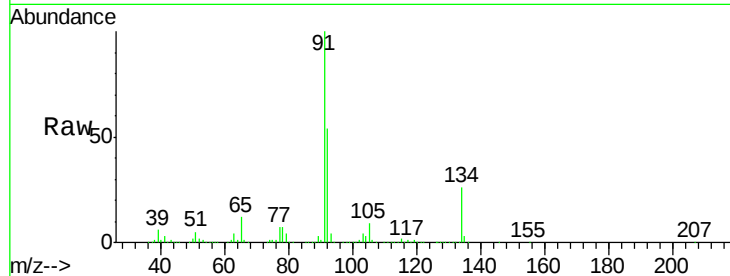




#89  
n-Butylbenzene  
Concen: 152.212 ug/l  
RT: 13.84 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

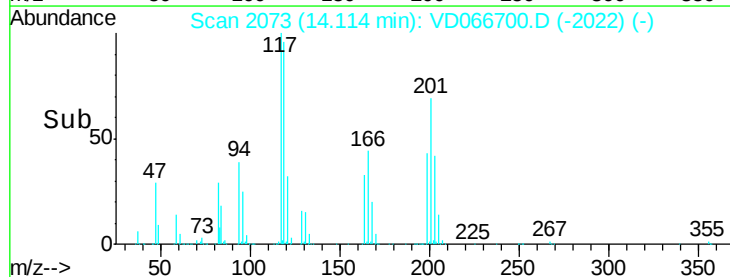
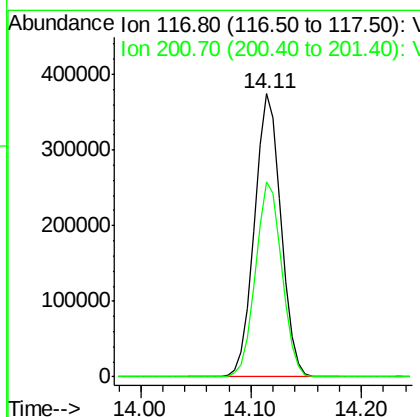
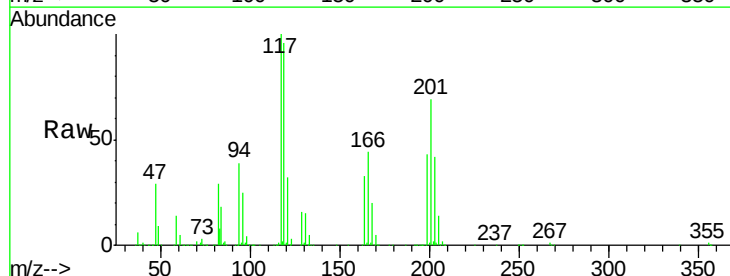
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

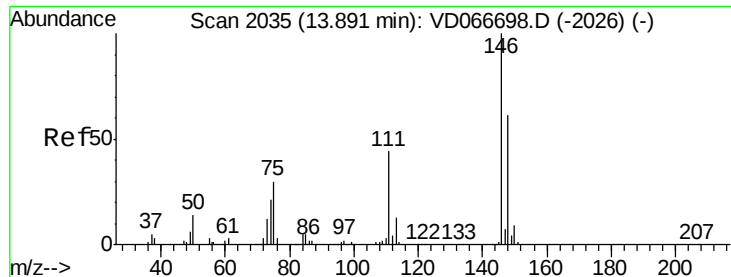
Tgt Ion: 91 Resp: 3050431  
Ion Ratio Lower Upper  
91 100  
92 53.7 27.0 81.0  
134 25.9 12.4 37.0



#90  
Hexachloroethane  
Concen: 145.952 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. 0.00 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

Tgt Ion: 117 Resp: 631916  
Ion Ratio Lower Upper  
117 100  
201 68.4 33.1 99.3





#91

1,2-Dichlorobenzene

Concen: 145.124 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

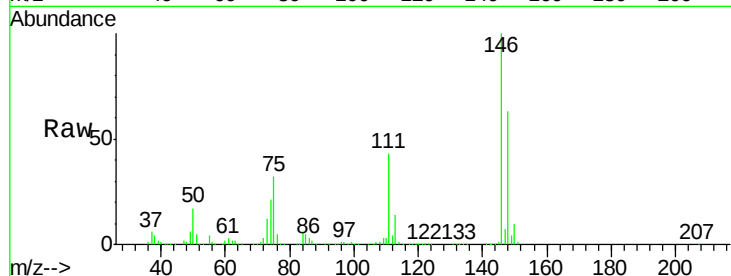
Tgt Ion:146 Resp: 1275899

Ion Ratio Lower Upper

146 100

111 42.3 21.6 64.6

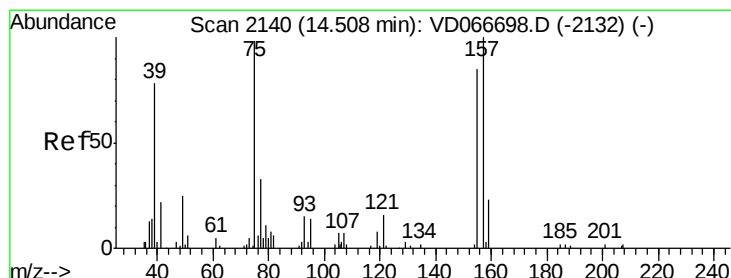
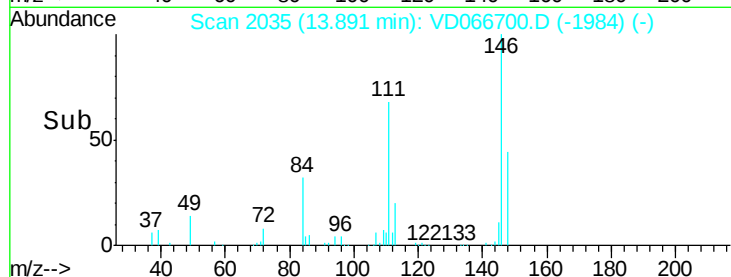
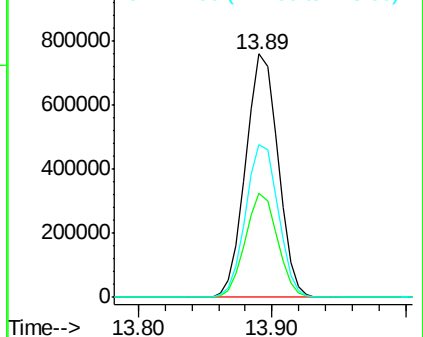
148 63.3 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 144.072 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. 0.00 min

Lab File: VD066700.D

Acq: 15 Sep 2020 15:43

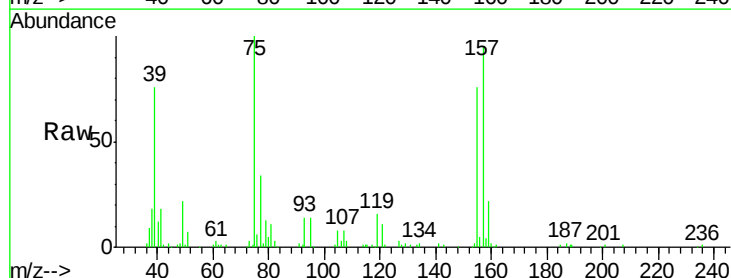
Tgt Ion: 75 Resp: 91829

Ion Ratio Lower Upper

75 100

155 77.3 38.9 116.7

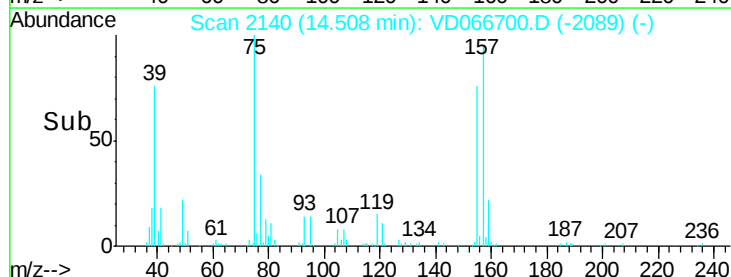
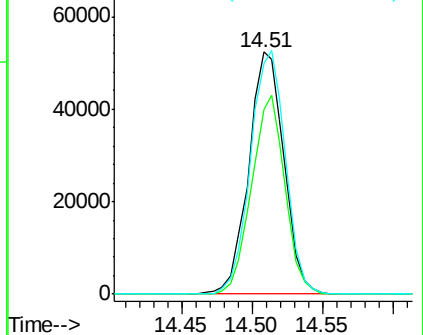
157 99.4 46.4 139.2

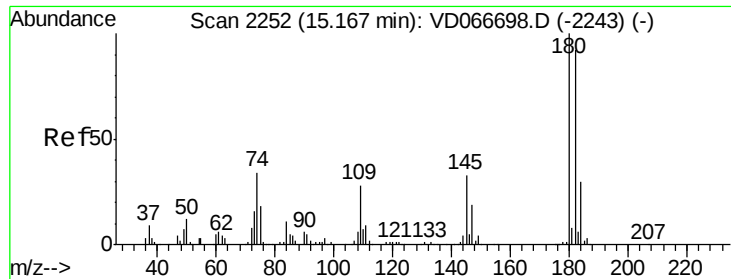


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

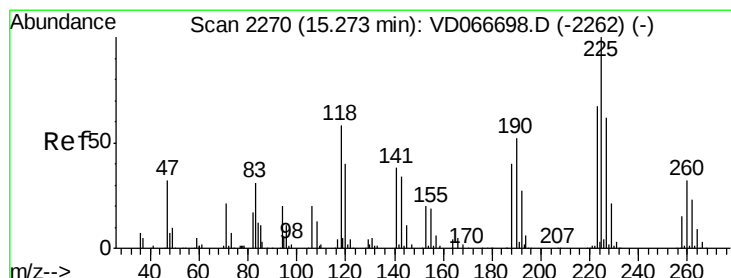
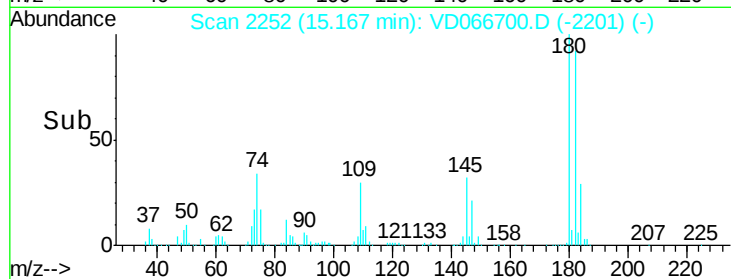
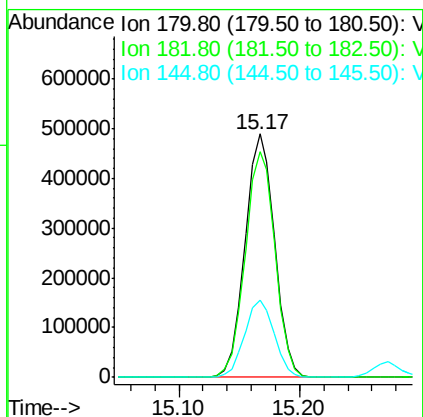
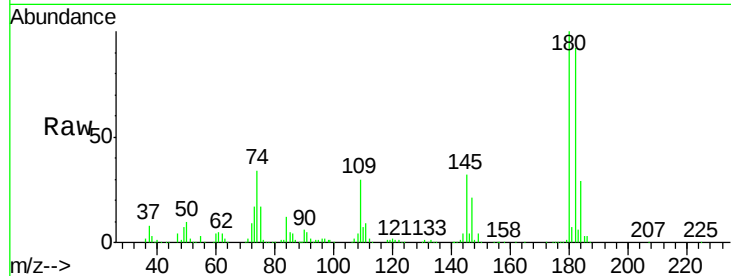




#93  
 1,2,4-Trichlorobenzene  
 Concen: 156.820 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

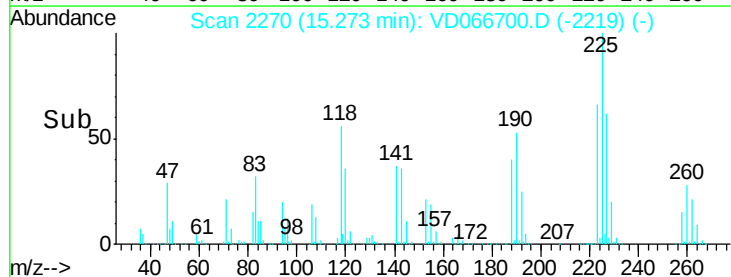
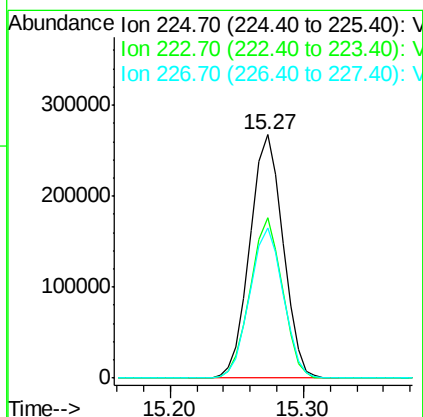
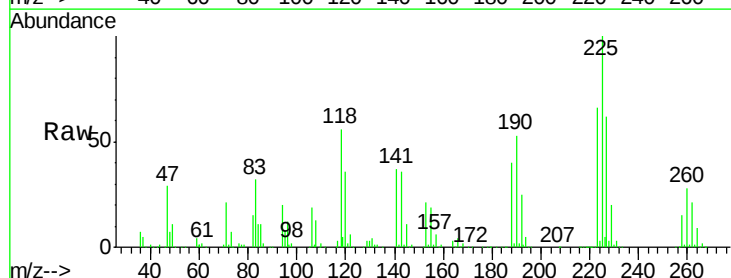
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

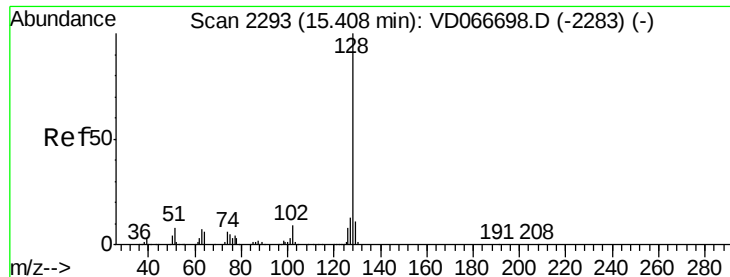
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.7  | 46.6  | 139.7 |
| 145     | 32.1  | 16.5  | 49.5  |



#94  
 Hexachlorobutadiene  
 Concen: 143.125 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. 0.00 min  
 Lab File: VD066700.D  
 Acq: 15 Sep 2020 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.1  | 31.9  | 95.9  |
| 227     | 62.3  | 31.3  | 93.9  |

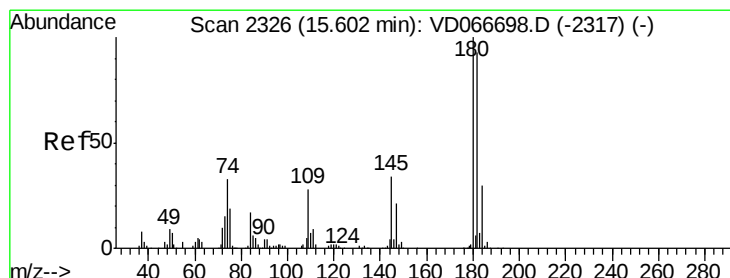
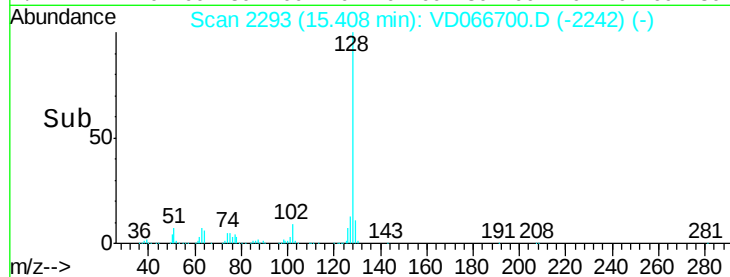
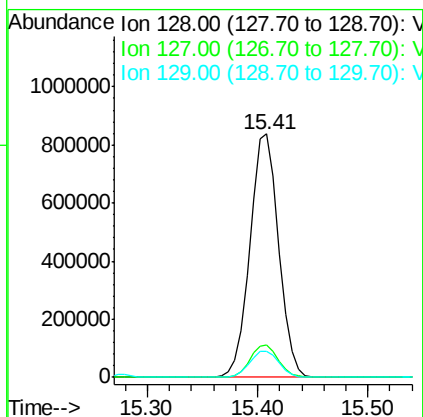
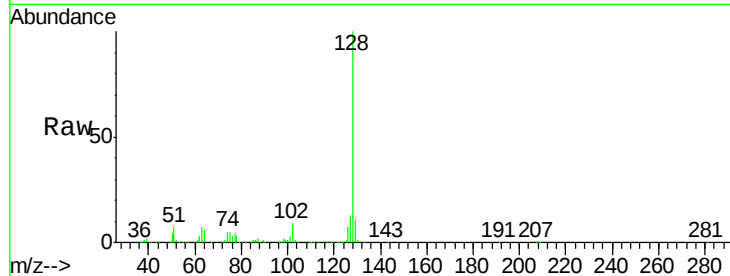




#95  
Naphthalene  
Concen: 164.443 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

Instrument :  
MSVOA\_D  
ClientSampled :  
VSTDIC150

Tgt Ion:128 Resp: 1527783  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.5 15.7  
129 10.9 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 150.146 ug/l  
RT: 15.60 min Scan# 2325  
Delta R.T. -0.01 min  
Lab File: VD066700.D  
Acq: 15 Sep 2020 15:43

Tgt Ion:180 Resp: 697369  
Ion Ratio Lower Upper  
180 100  
182 95.1 46.6 139.8  
145 34.7 17.1 51.3

