

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\  
 Data File : VN064935.D  
 Acq On : 7 Dec 2020 10:30  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 07:13:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112320W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 23 13:54:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 216228   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 328063   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 300087   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 149092   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 33) 1,2-Dichloroethane-d4 | 7.98   | 65    | 118156   | 47.00    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 61 - 141 | Recovery | =    | 94.00%  |
| 35) Dibromofluoromethane  | 7.54   | 113   | 103681   | 52.82    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 69 - 133 | Recovery | =    | 105.64% |
| 50) Toluene-d8            | 10.06  | 98    | 399399   | 49.80    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 65 - 126 | Recovery | =    | 99.60%  |
| 62) 4-Bromofluorobenzene  | 12.37  | 95    | 142141   | 49.52    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 58 - 135 | Recovery | =    | 99.04%  |

## Target Compounds

|                               |      |     |         |         | Qvalue   |
|-------------------------------|------|-----|---------|---------|----------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 76945   | 41.059  | ug/l 98  |
| 3) Chloromethane              | 2.04 | 50  | 97951   | 40.222  | ug/l 99  |
| 4) Vinyl Chloride             | 2.17 | 62  | 109632  | 43.180  | ug/l 97  |
| 5) Bromomethane               | 2.53 | 94  | 71652   | 43.015  | ug/l 96  |
| 6) Chloroethane               | 2.67 | 64  | 70294   | 44.763  | ug/l 98  |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 160576  | 45.753  | ug/l 100 |
| 8) Diethyl Ether              | 3.37 | 74  | 63672   | 45.962  | ug/l 99  |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101 | 99832   | 47.418  | ug/l 98  |
| 10) Methyl Iodide             | 3.90 | 142 | 114687  | 41.997  | ug/l 98  |
| 11) Tert butyl alcohol        | 4.74 | 59  | 79058   | 201.662 | ug/l 100 |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 95369   | 45.484  | ug/l 96  |
| 13) Acrolein                  | 3.56 | 56  | 69979   | 292.237 | ug/l 99  |
| 14) Allyl chloride            | 4.27 | 41  | 158742  | 45.902  | ug/l 98  |
| 15) Acrylonitrile             | 4.93 | 53  | 244999  | 226.223 | ug/l 99  |
| 16) Acetone                   | 3.78 | 43  | 220525  | 266.865 | ug/l 98  |
| 17) Carbon Disulfide          | 4.00 | 76  | 230839  | 42.640  | ug/l 99  |
| 18) Methyl Acetate            | 4.28 | 43  | 117228  | 47.184  | ug/l 99  |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 327257  | 48.664  | ug/l 98  |
| 20) Methylene Chloride        | 4.50 | 84  | 115214  | 44.494  | ug/l 98  |
| 21) trans-1,2-Dichloroethene  | 4.98 | 96  | 105691  | 45.391  | ug/l 99  |
| 22) Diisopropyl ether         | 5.90 | 45  | 341492  | 49.334  | ug/l 98  |
| 23) Vinyl Acetate             | 5.84 | 43  | 1359262 | 245.559 | ug/l 99  |
| 24) 1,1-Dichloroethane        | 5.79 | 63  | 198056  | 47.876  | ug/l 99  |
| 25) 2-Butanone                | 6.78 | 43  | 327255  | 244.300 | ug/l 96  |
| 26) 2,2-Dichloropropane       | 6.77 | 77  | 170430  | 47.501  | ug/l 99  |
| 27) cis-1,2-Dichloroethene    | 6.77 | 96  | 126309  | 48.207  | ug/l 98  |
| 28) Bromochloromethane        | 7.15 | 49  | 90887   | 48.025  | ug/l 97  |
| 29) Tetrahydrofuran           | 7.16 | 42  | 202136  | 218.599 | ug/l 99  |
| 30) Chloroform                | 7.33 | 83  | 204764  | 47.998  | ug/l 97  |
| 31) Cyclohexane               | 7.61 | 56  | 150314  | 42.902  | ug/l 96  |
| 32) 1,1,1-Trichloroethane     | 7.52 | 97  | 174615  | 47.657  | ug/l 99  |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 150092  | 49.359  | ug/l 99  |
| 37) Ethyl Acetate             | 6.88 | 43  | 131284  | 44.820  | ug/l 100 |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 153158  | 48.407  | ug/l 96  |

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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.04  | 83   | 145929   | 44.580  | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 453923   | 48.714  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.12  | 41   | 63000    | 46.613  | ug/l   | 90       |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 148916   | 47.374  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.12  | 43   | 218636   | 46.387  | ug/l # | 91       |
| 44) Trichloroethene            | 8.80  | 130  | 130792   | 47.572  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 122983   | 50.965  | ug/l   | 99       |
| 46) Dibromomethane             | 9.17  | 93   | 78950    | 48.973  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.37  | 83   | 162686   | 50.154  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.16  | 41   | 109259   | 48.512  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.16  | 88   | 37827    | 888.648 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 667285   | 235.821 | ug/l   | 100      |
| 52) Toluene                    | 10.12 | 92   | 287052   | 50.022  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 176550   | 48.867  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.80  | 75   | 195127   | 50.387  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 117056   | 49.606  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 166081   | 51.003  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 194258   | 49.905  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 443430   | 247.559 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 498281   | 244.682 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.87 | 129  | 135566   | 51.683  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.97 | 107  | 118140   | 49.278  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.60 | 164  | 133311   | 45.661  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.40 | 112  | 318296   | 49.392  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 121172   | 51.164  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.48 | 91   | 543458   | 50.481  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.59 | 106  | 425353   | 104.357 | ug/l   | 98       |
| 69) o-Xylene                   | 11.92 | 106  | 203045   | 52.495  | ug/l   | 99       |
| 70) Styrene                    | 11.94 | 104  | 352498   | 53.985  | ug/l   | 98       |
| 71) Bromoform                  | 12.10 | 173  | 93586    | 49.475  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.22 | 105  | 528945   | 51.005  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.04 | 43   | 197092   | 48.293  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 146032   | 48.043  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 208886   | 65.057  | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 136712   | 48.898  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.56 | 91   | 597757   | 50.598  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 363676   | 49.800  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.70 | 105  | 453365   | 52.596  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 55337    | 47.236  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.74 | 91   | 384193   | 50.191  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.96 | 119  | 365635   | 50.606  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 459991   | 52.780  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.14 | 105  | 478377   | 49.867  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 449729   | 51.493  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.25 | 146  | 245837   | 49.491  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.33 | 146  | 247723   | 47.157  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.59 | 91   | 375867   | 49.006  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 78317    | 51.619  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.62 | 146  | 240368   | 49.283  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 29418    | 43.013  | ug/l   | 96       |

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ALS Vial : 2 Sample Multiplier: 1

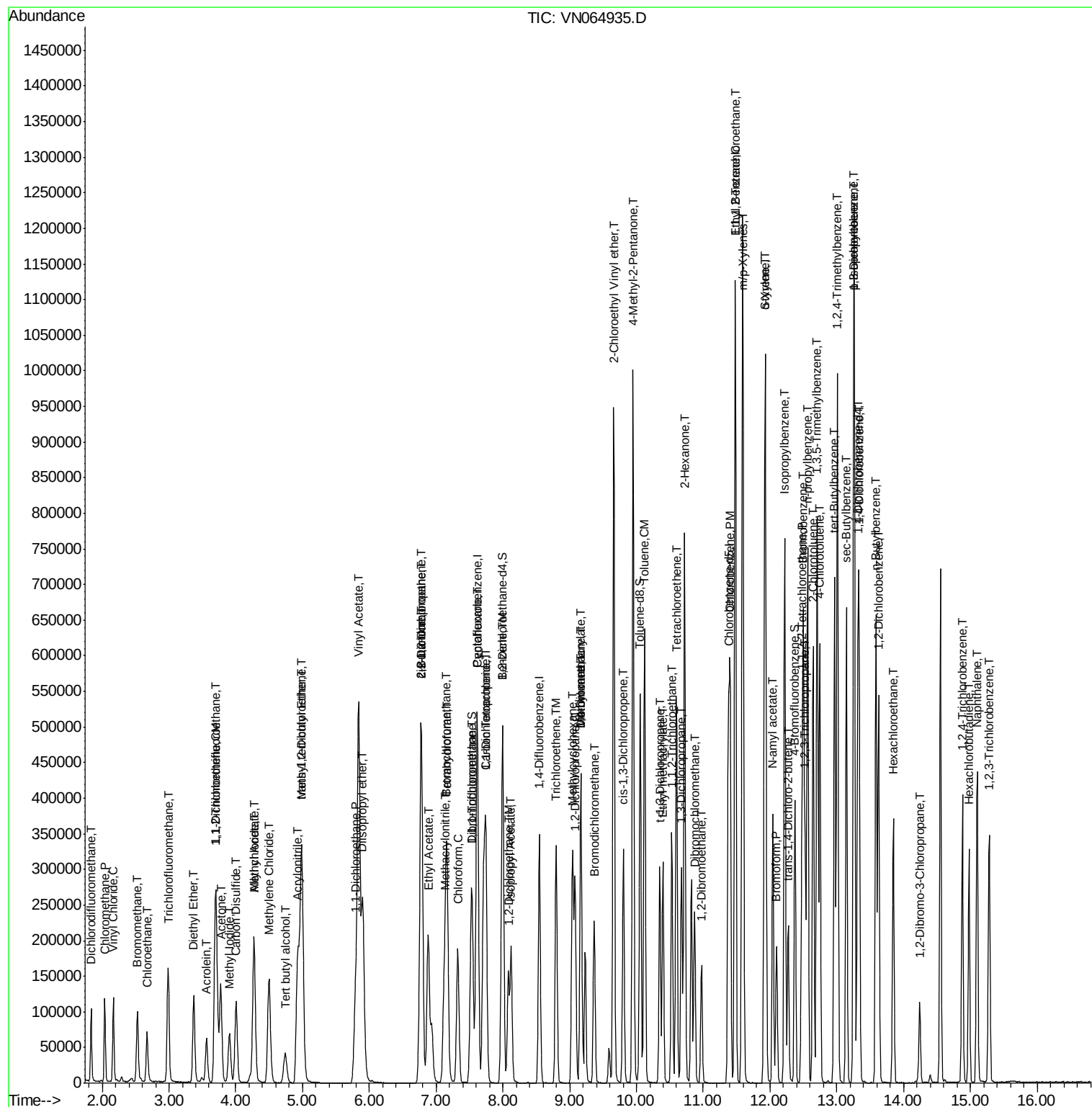
Quant Time: Dec 08 07:13:00 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112320W.M  
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QLast Update : Mon Nov 23 13:54:12 2020  
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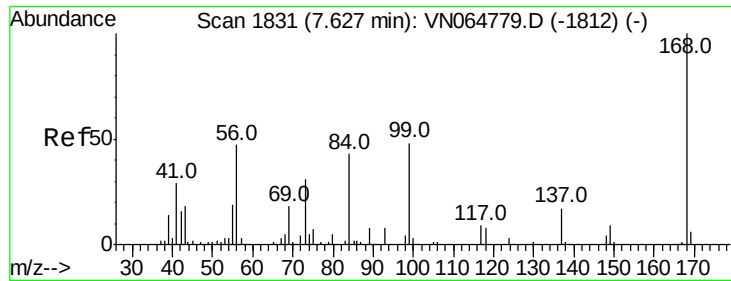
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 134986   | 44.739 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 66418    | 48.893 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 391754   | 43.340 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 126480   | 44.276 | ug/l  | 99       |

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN064935.D

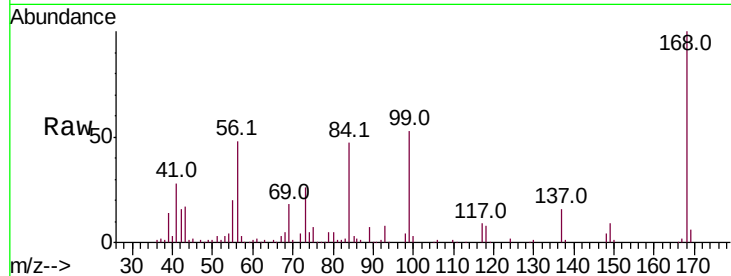
Acq: 7 Dec 2020 10:30

Tot Ion:168 Resp: 216228

Ion Ratio Lower Upper

168 100

99 53.1 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

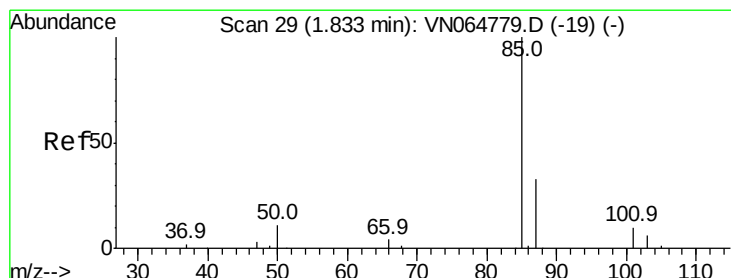
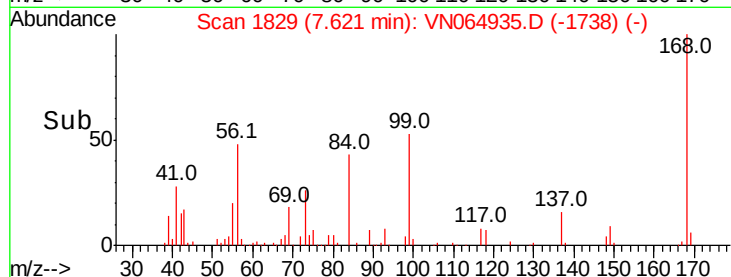
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 41.059 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064935.D

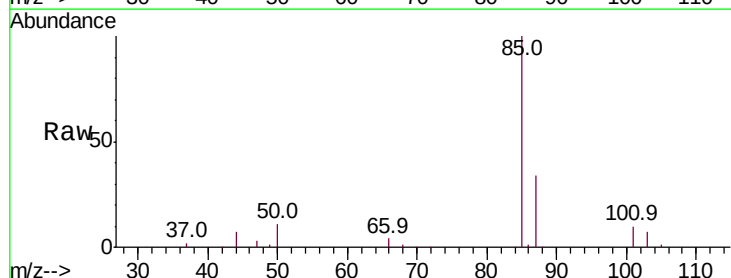
Acq: 7 Dec 2020 10:30

Tgt Ion: 85 Resp: 76945

Ion Ratio Lower Upper

85 100

87 33.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

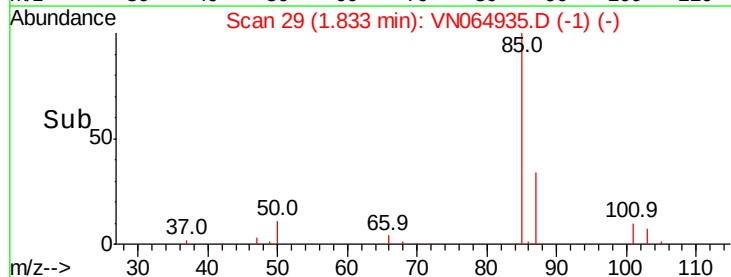
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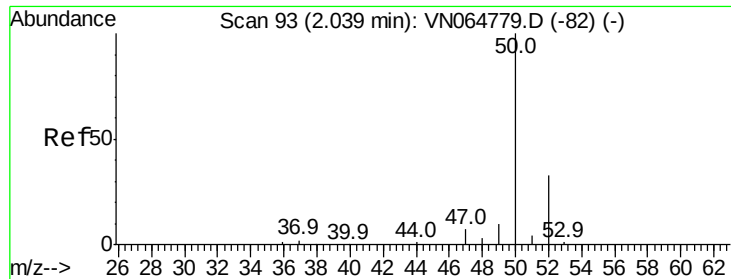
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20000

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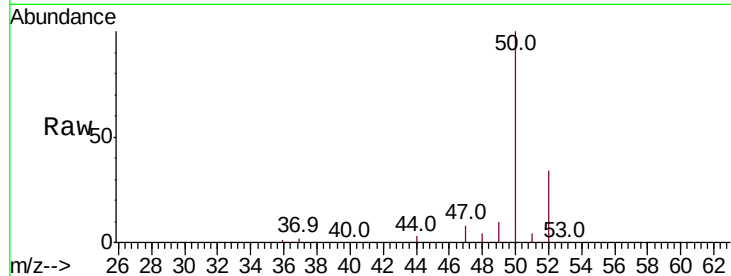
Time--> 1.75 1.80 1.85 1.90



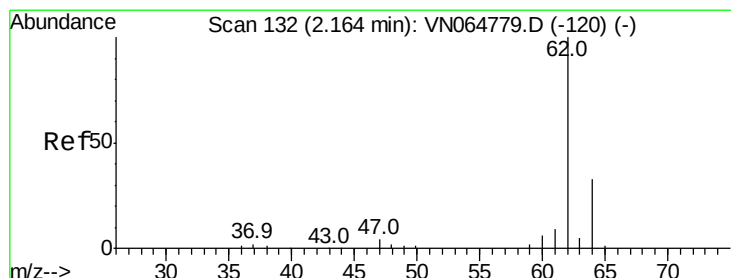
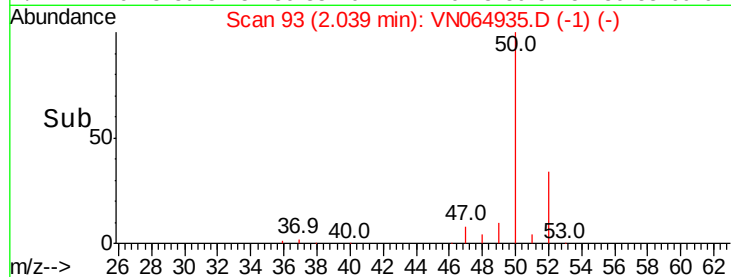
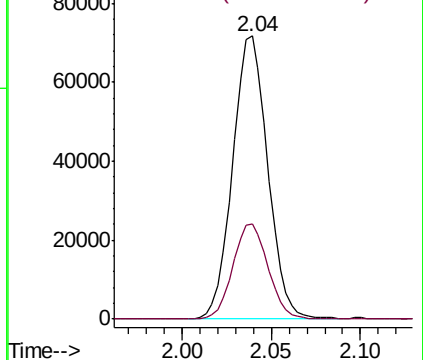


#3  
Chloromethane  
Concen: 40.222 ug/l  
RT: 2.04 min Scan# 93  
Delta R.T. 0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

Tot Ion: 50 Resp: 97951  
Ion Ratio Lower Upper  
50 100  
52 33.7 26.6 39.8

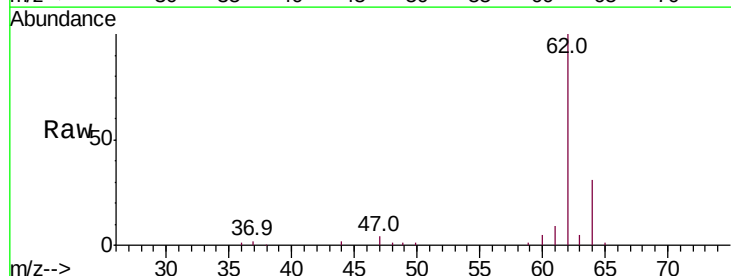


Abundance Ion 49.90 (49.60 to 50.60): VNC  
Ion 51.90 (51.60 to 52.60): VNC

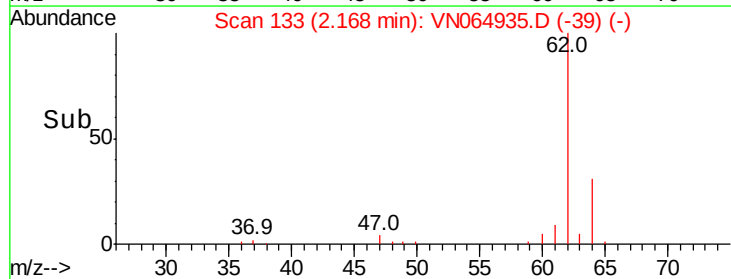
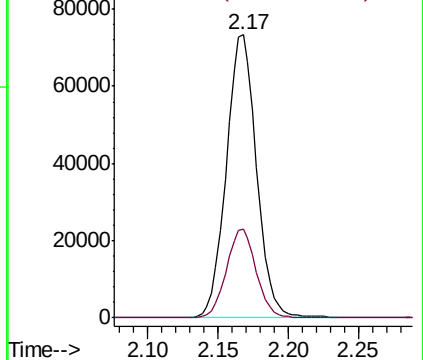


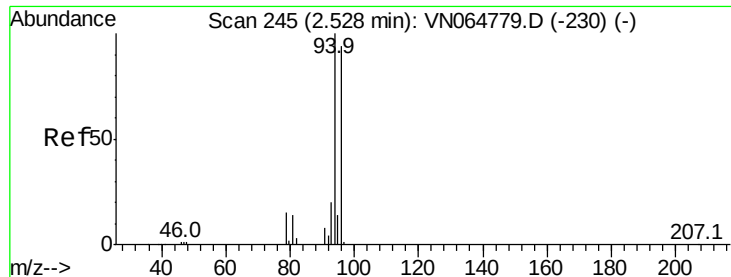
#4  
Vinyl Chloride  
Concen: 43.180 ug/l  
RT: 2.17 min Scan# 133  
Delta R.T. 0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

Tgt Ion: 62 Resp: 109632  
Ion Ratio Lower Upper  
62 100  
64 31.4 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VNC  
Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 43.015 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064935.D

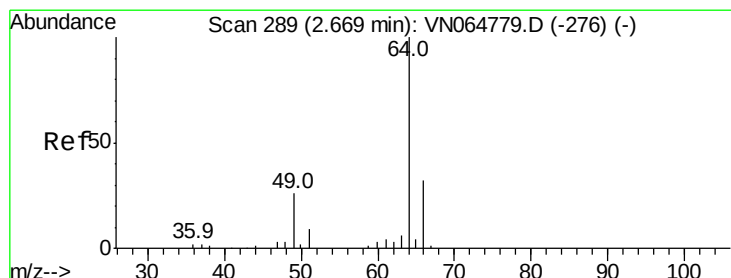
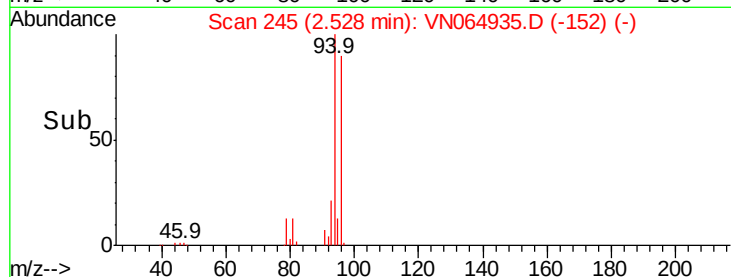
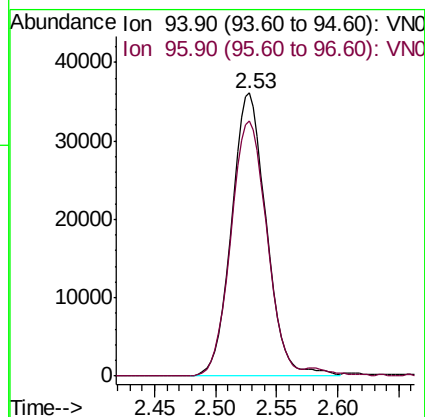
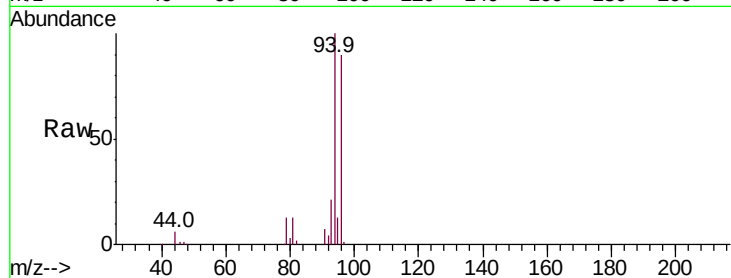
Acq: 7 Dec 2020 10:30

Tot Ion: 94 Resp: 71652

Ion Ratio Lower Upper

94 100

96 90.3 75.4 113.0



#6

Chloroethane

Concen: 44.763 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064935.D

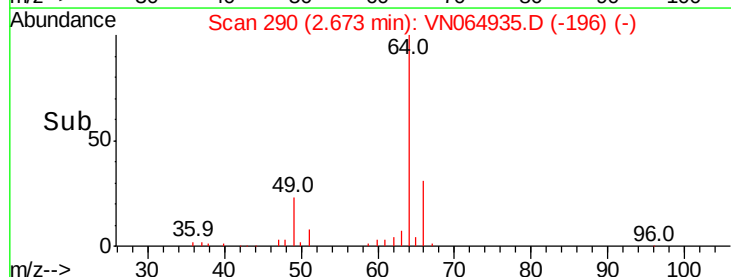
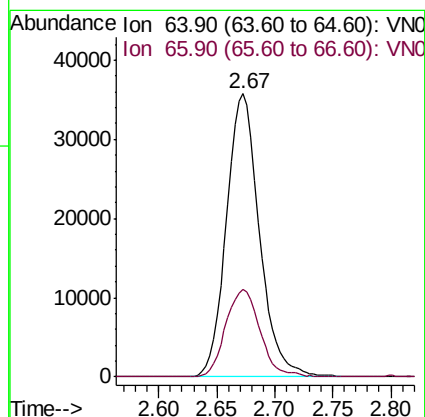
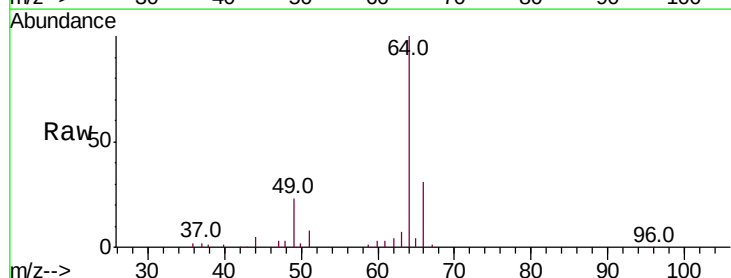
Acq: 7 Dec 2020 10:30

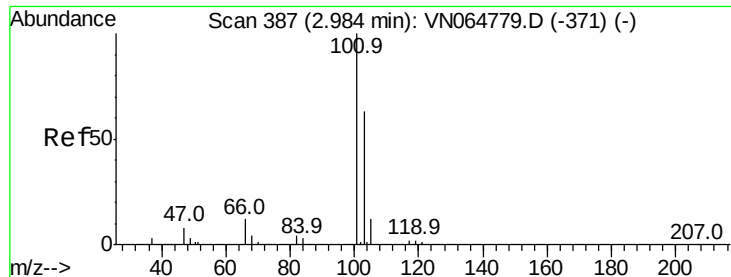
Tgt Ion: 64 Resp: 70294

Ion Ratio Lower Upper

64 100

66 30.7 25.6 38.4

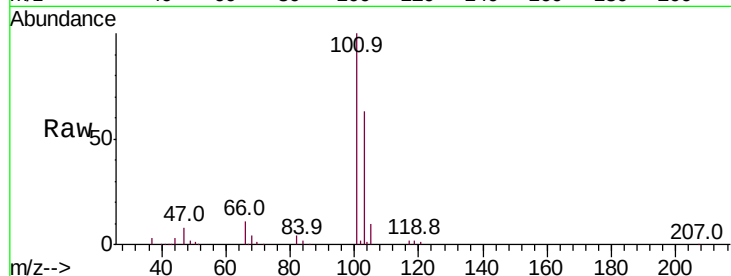




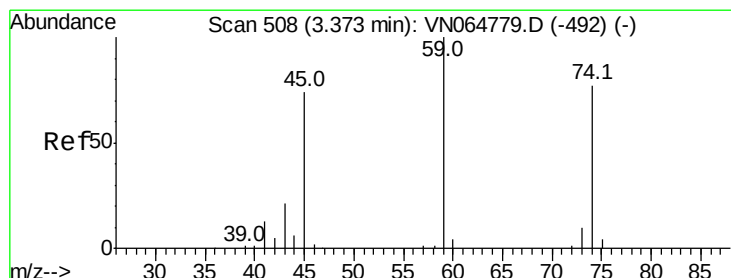
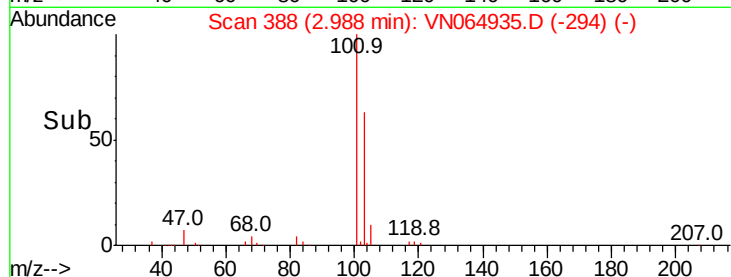
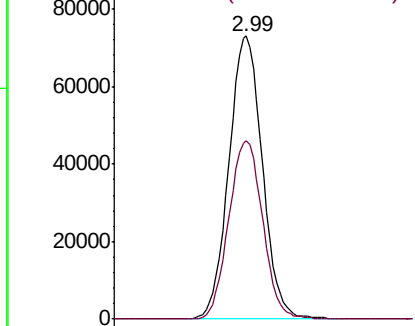
#7

Trichlorofluoromethane  
Concen: 45.753 ug/l  
RT: 2.99 min Scan# 388  
Delta R.T. 0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

Tot Ion:101 Resp: 160576  
Ion Ratio Lower Upper  
101 100  
103 62.9 50.5 75.7



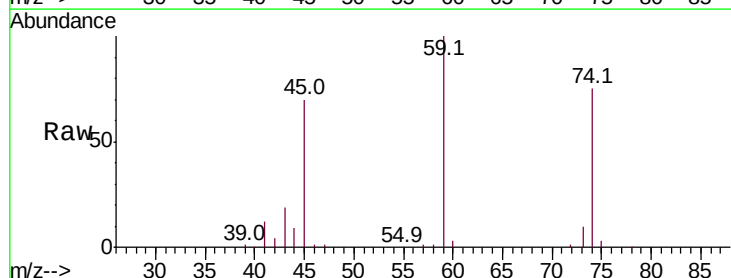
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



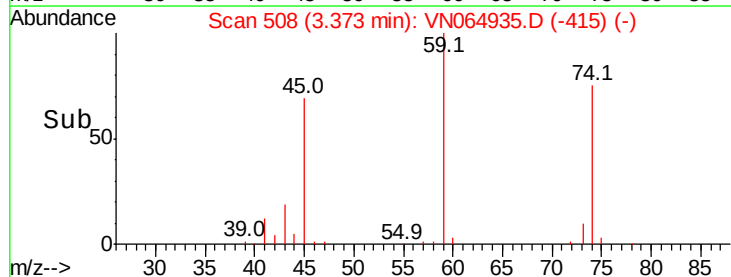
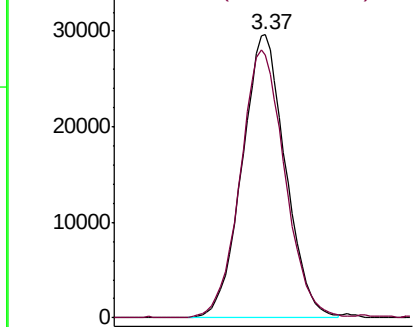
#8

Diethyl Ether  
Concen: 45.962 ug/l  
RT: 3.37 min Scan# 508  
Delta R.T. 0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

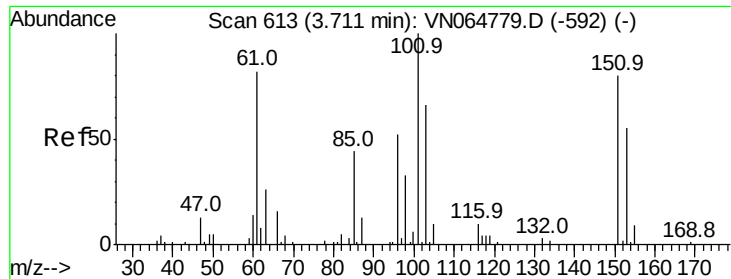
Tgt Ion: 74 Resp: 63672  
Ion Ratio Lower Upper  
74 100  
45 97.2 48.9 146.8



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







#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.418 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

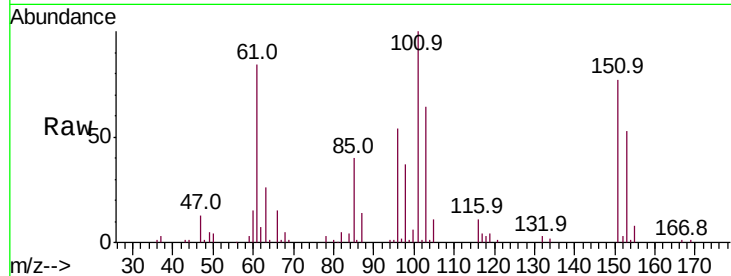
Tot Ion:101 Resp: 99832

Ion Ratio Lower Upper

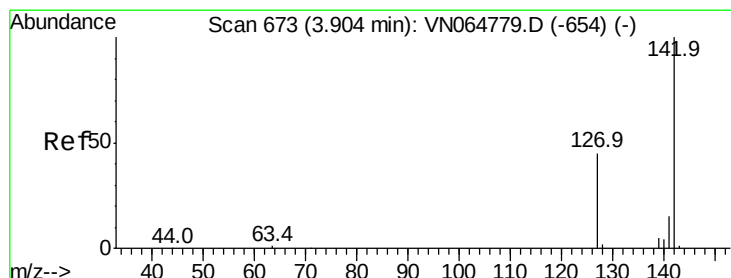
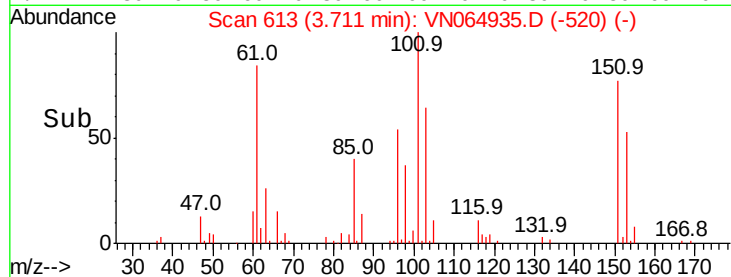
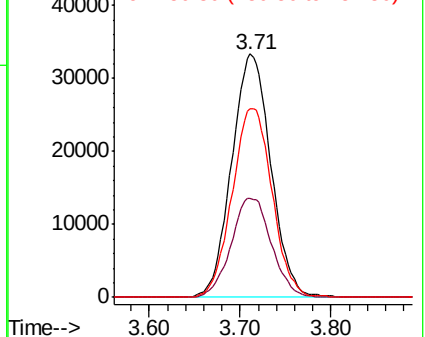
101 100

85 41.7 34.4 51.6

151 78.9 64.0 96.0



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



#10

Methyl Iodide

Concen: 41.997 ug/l

RT: 3.90 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

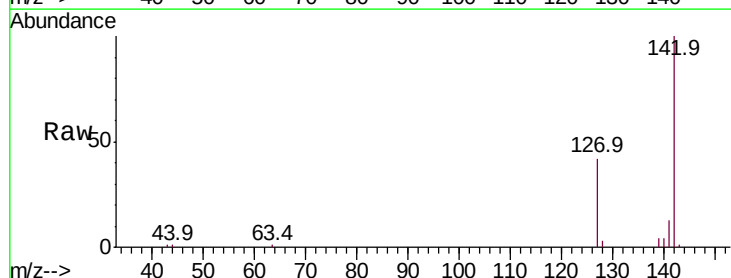
Tgt Ion:142 Resp: 114687

Ion Ratio Lower Upper

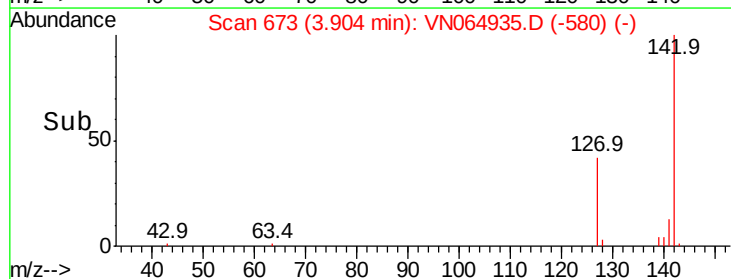
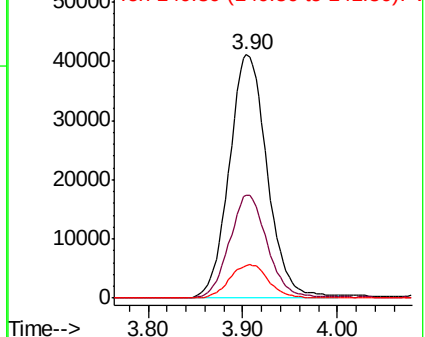
142 100

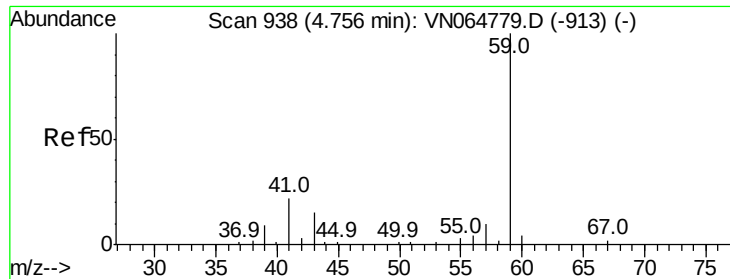
127 42.4 35.0 52.6

141 14.0 11.8 17.6



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

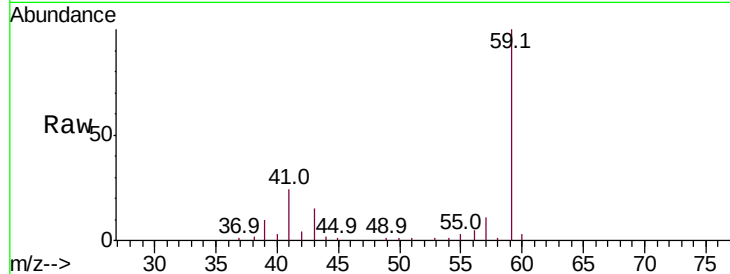




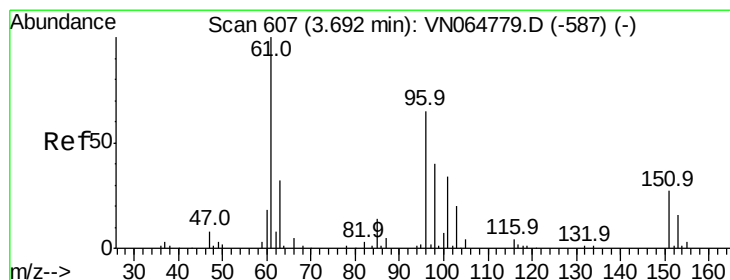
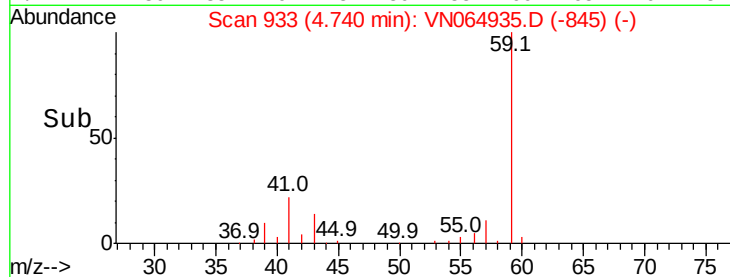
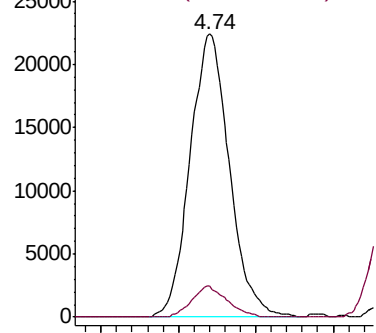
#11

Tert butyl alcohol  
 Concen: 201.662 ug/l  
 RT: 4.74 min Scan# 933  
 Delta R.T. -0.02 min  
 Lab File: VN064935.D  
 Acq: 7 Dec 2020 10:30

| Tot Ion | 59    | Resp  | 79058 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 59      | 100   |       |       |
| 57      | 9.7   | 7.9   | 11.9  |



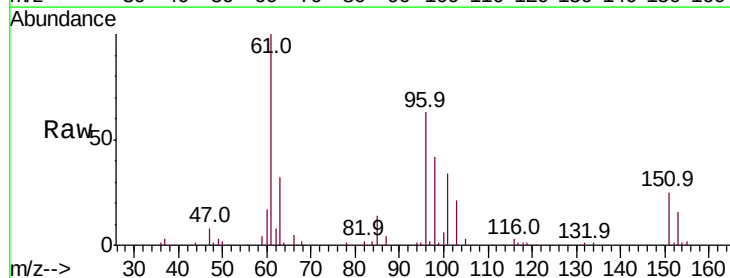
Abundance Ion 59.00 (58.70 to 59.70): VN064779.D (-913) (-)  
 Ion 57.00 (56.70 to 57.70): VN064779.D (-913) (-)



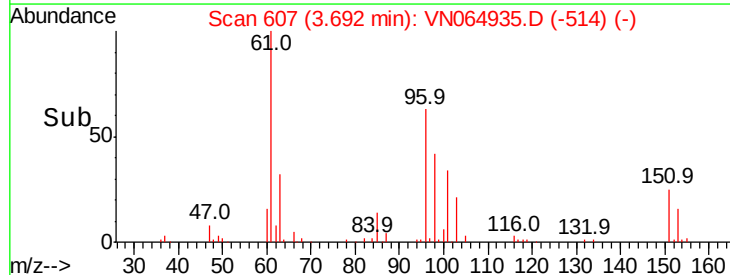
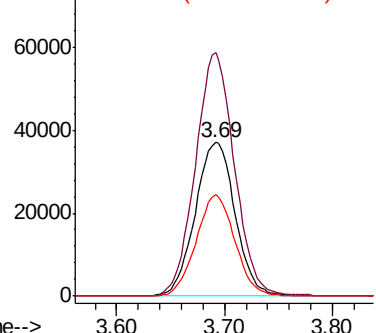
#12

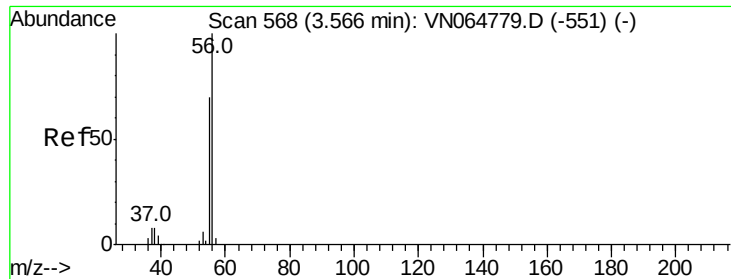
1,1-Dichloroethene  
 Concen: 45.484 ug/l  
 RT: 3.69 min Scan# 607  
 Delta R.T. 0.00 min  
 Lab File: VN064935.D  
 Acq: 7 Dec 2020 10:30

| Tgt Ion | 96    | Resp  | 95369 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 158.6 | 123.4 | 185.2 |
| 98      | 66.3  | 49.8  | 74.8  |



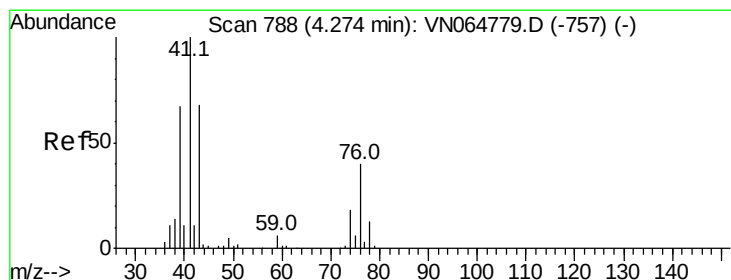
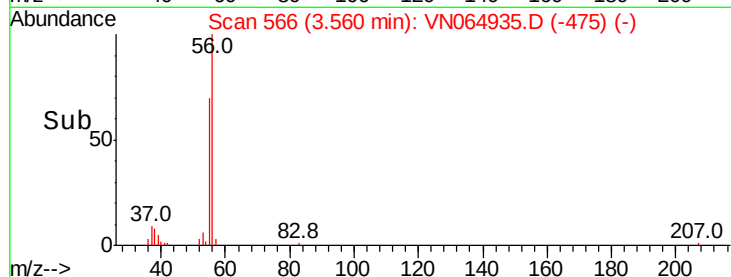
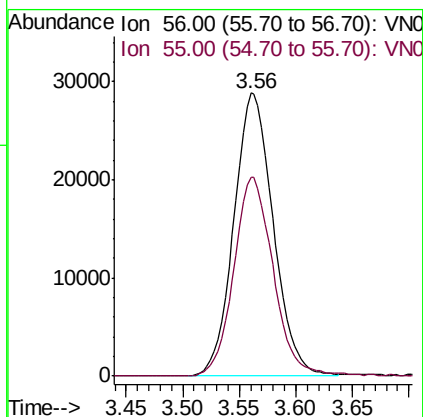
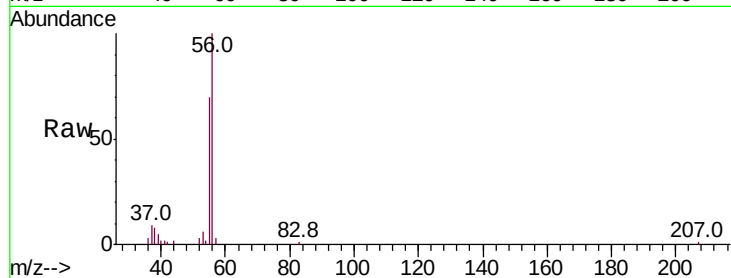
Abundance Ion 95.90 (95.60 to 96.60): VN064779.D (-587) (-)  
 Ion 60.90 (60.60 to 61.60): VN064779.D (-587) (-)  
 Ion 97.90 (97.60 to 98.60): VN064779.D (-587) (-)





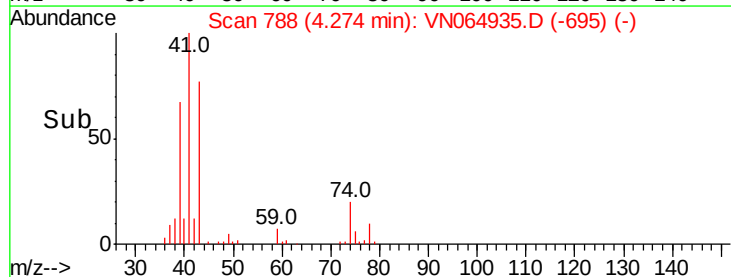
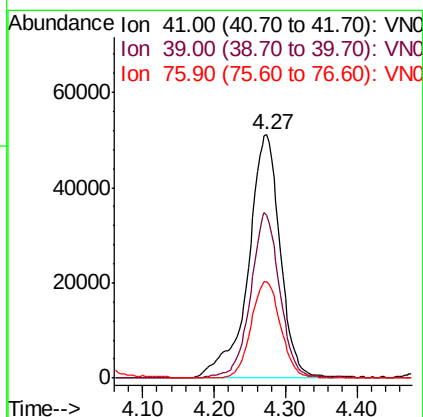
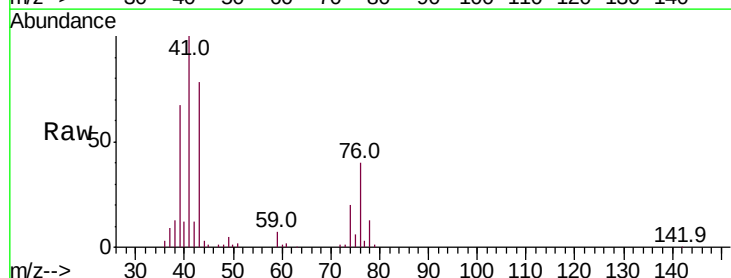
#13  
Acrolein  
Concen: 292.237 ug/l  
RT: 3.56 min Scan# 566  
Delta R.T. -0.01 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

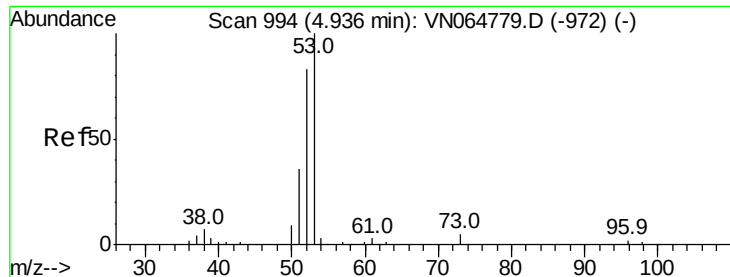
Tot Ion: 56 Resp: 69979  
Ion Ratio Lower Upper  
56 100  
55 70.0 56.5 84.7



#14  
Allyl chloride  
Concen: 45.902 ug/l  
RT: 4.27 min Scan# 788  
Delta R.T. 0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

Tgt Ion: 41 Resp: 158742  
Ion Ratio Lower Upper  
41 100  
39 62.1 50.9 76.3  
76 36.8 29.0 43.4





#15

Acrylonitrile

Concen: 226.223 ug/l

RT: 4.93 min Scan# 991

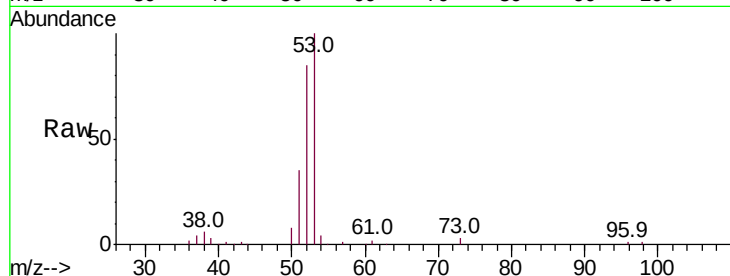
Delta R.T. -0.01 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

Tot Ion: 53 Resp: 244999

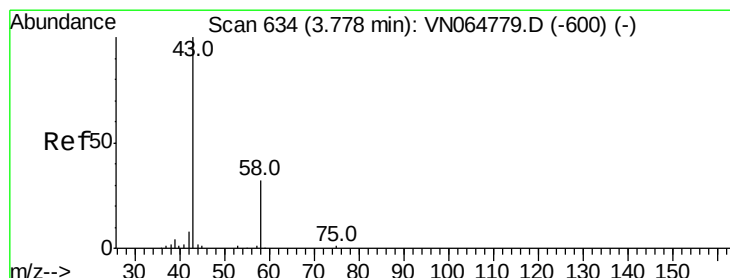
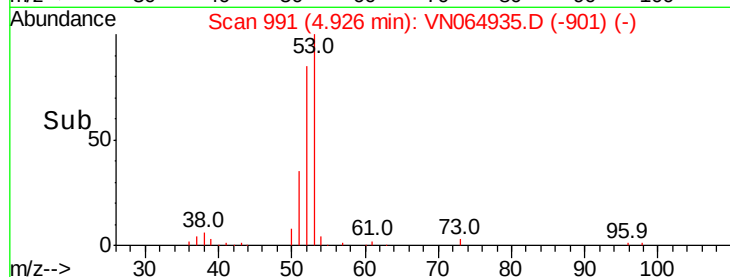
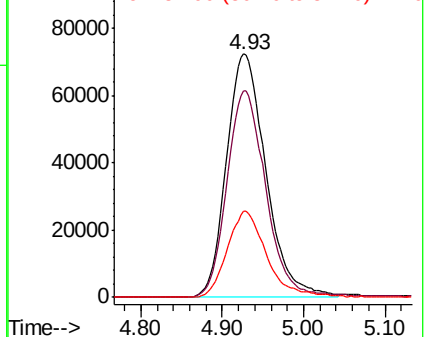
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.1  | 65.5  | 98.3  |
| 51  | 35.4  | 28.6  | 43.0  |



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 266.865 ug/l

RT: 3.78 min Scan# 633

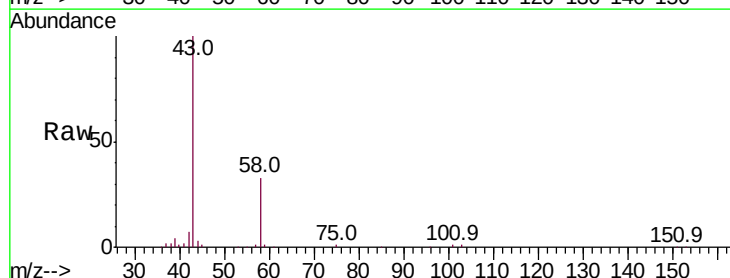
Delta R.T. -0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

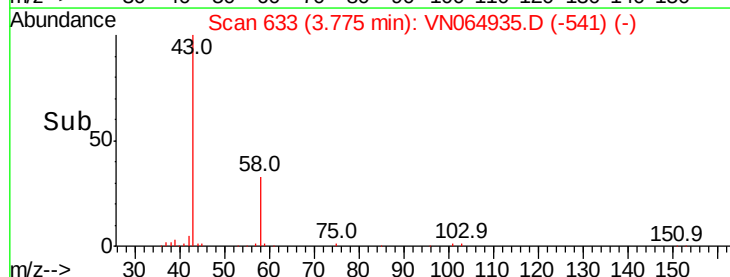
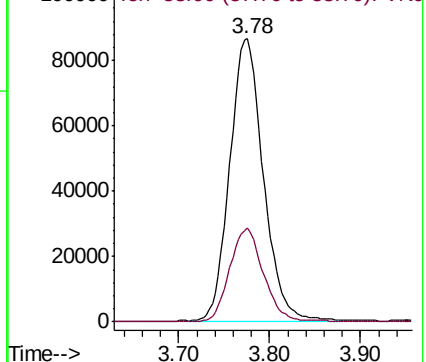
Tgt Ion: 43 Resp: 220525

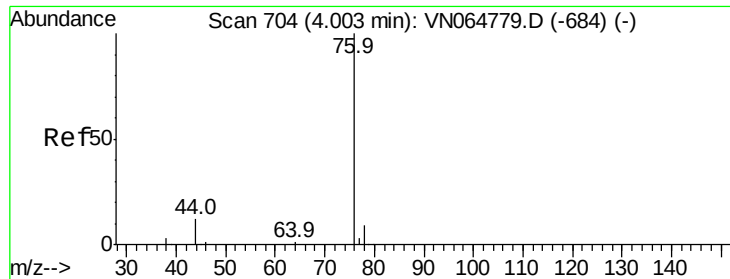
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 33.2  | 25.7  | 38.5  |



Abundance Ion 43.00 (42.70 to 43.70): VN0

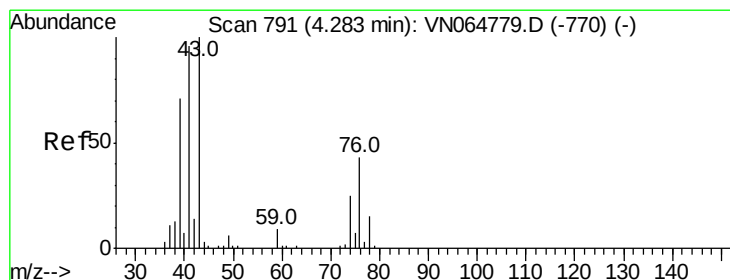
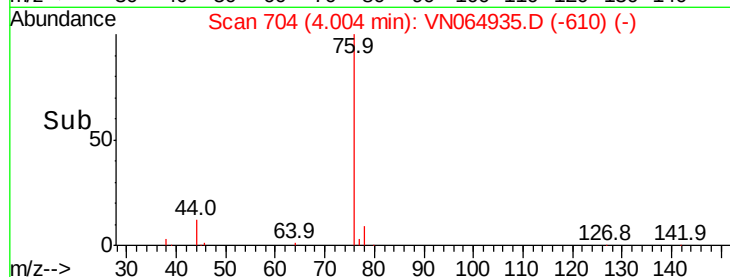
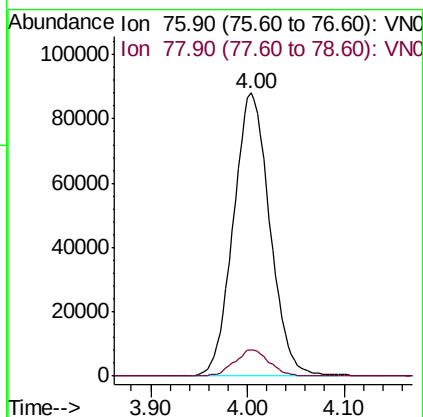
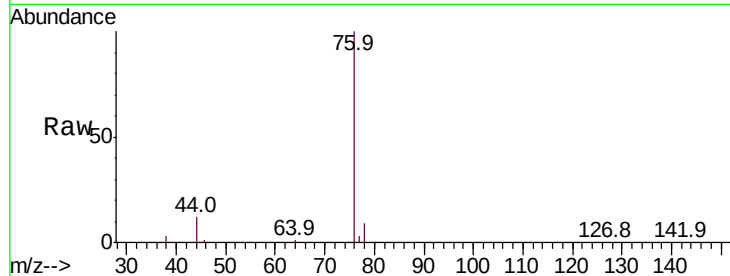
Ion 58.00 (57.70 to 58.70): VN0





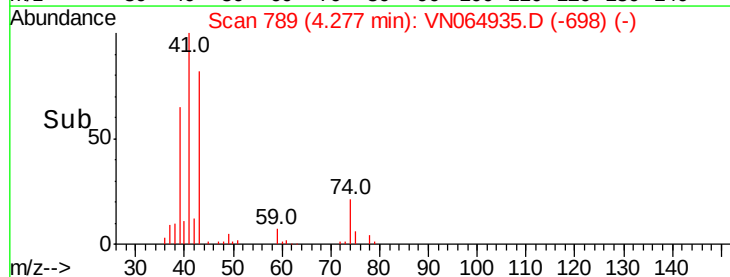
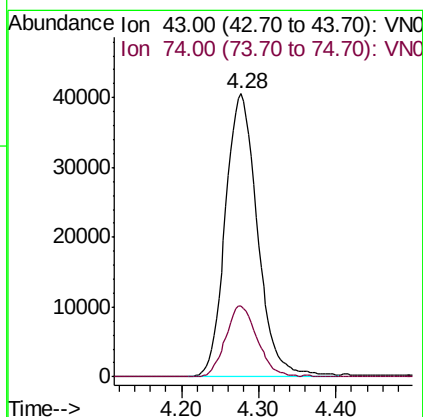
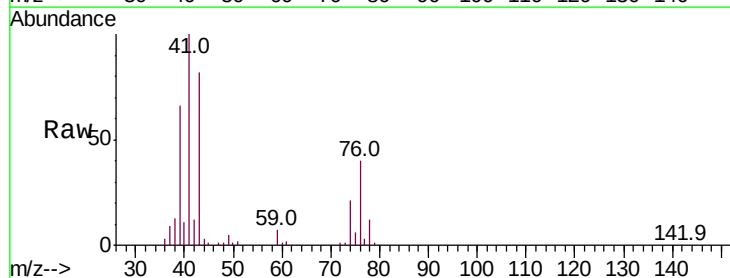
#17  
Carbon Disulfide  
Concen: 42.640 ug/l  
RT: 4.00 min Scan# 704  
Delta R.T. 0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

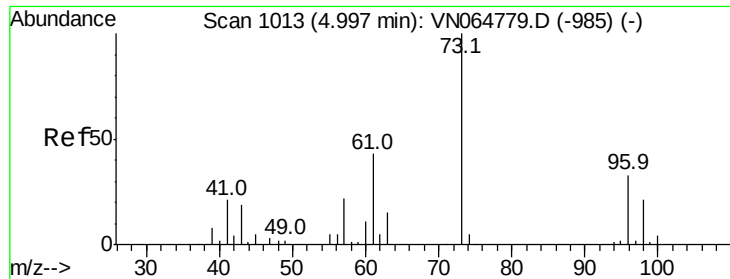
Tot Ion: 76 Resp: 230839  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.0



#18  
Methyl Acetate  
Concen: 47.184 ug/l  
RT: 4.28 min Scan# 789  
Delta R.T. -0.01 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

Tgt Ion: 43 Resp: 117228  
Ion Ratio Lower Upper  
43 100  
74 24.7 20.2 30.2

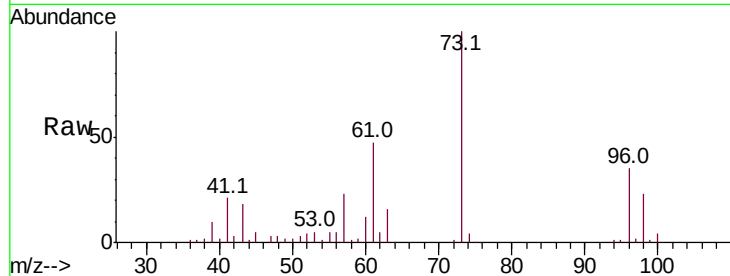




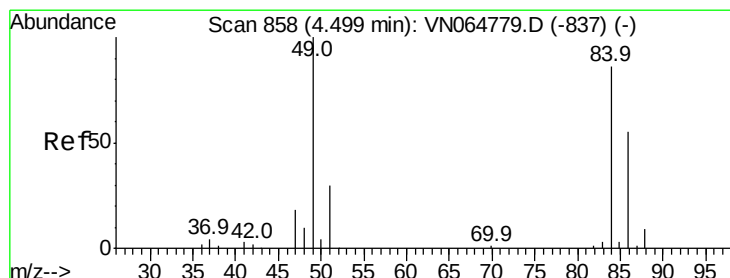
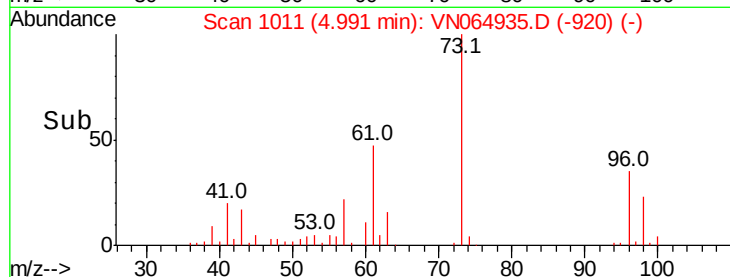
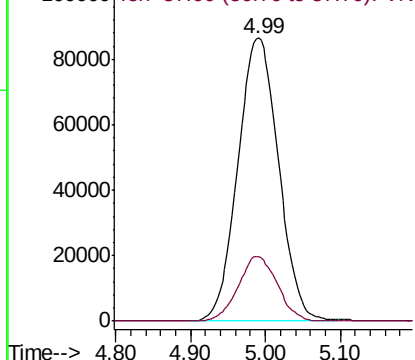
#19

Methyl tert-butyl Ether  
 Concen: 48.664 ug/l  
 RT: 4.99 min Scan# 1011  
 Delta R.T. -0.01 min  
 Lab File: VN064935.D  
 Acq: 7 Dec 2020 10:30

Tot Ion: 73 Resp: 327257  
 Ion Ratio Lower Upper  
 73 100  
 57 22.7 17.4 26.0



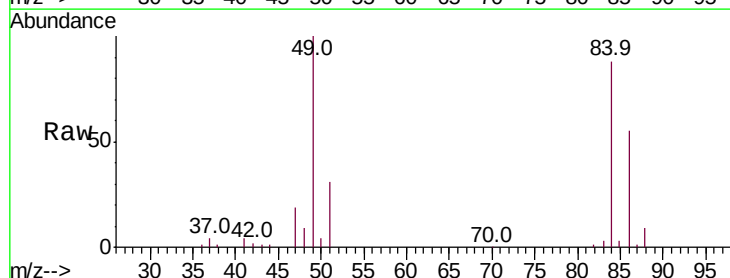
Abundance Ion 73.00 (72.70 to 73.70): VN064779.D (-985) (-)  
 Ion 57.00 (56.70 to 57.70): VN064779.D (-985) (-)



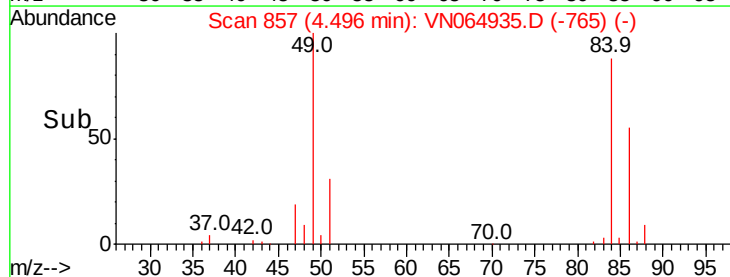
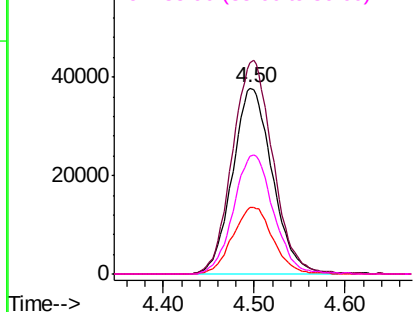
#20

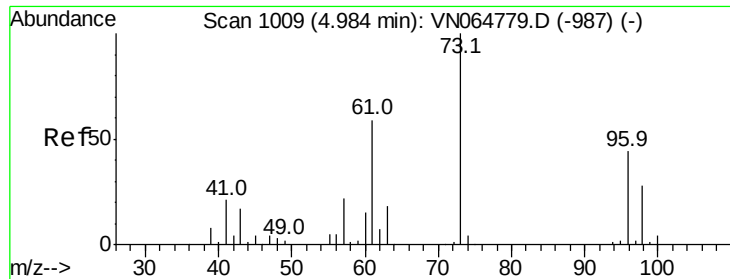
Methylene Chloride  
 Concen: 44.494 ug/l  
 RT: 4.50 min Scan# 857  
 Delta R.T. -0.00 min  
 Lab File: VN064935.D  
 Acq: 7 Dec 2020 10:30

Tgt Ion: 84 Resp: 115214  
 Ion Ratio Lower Upper  
 84 100  
 49 113.8 93.4 140.0  
 51 35.7 28.2 42.4  
 86 63.1 51.7 77.5



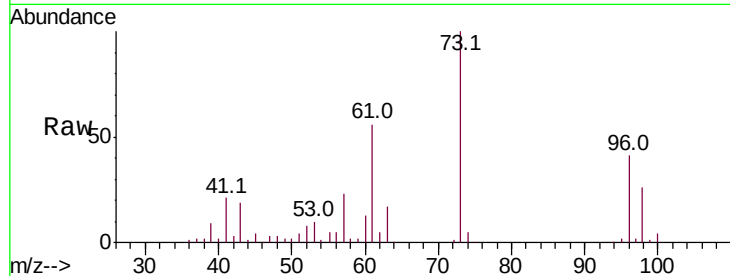
Abundance Ion 83.90 (83.60 to 84.60): VN064779.D (-837) (-)  
 Ion 48.90 (48.60 to 49.60): VN064779.D (-837) (-)  
 Ion 50.90 (50.60 to 51.60): VN064935.D (-765) (-)  
 Ion 85.90 (85.60 to 86.60): VN064935.D (-765) (-)



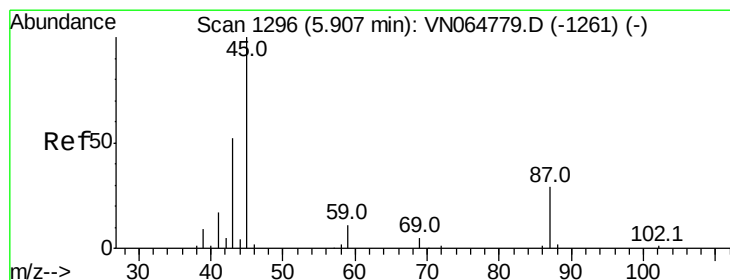
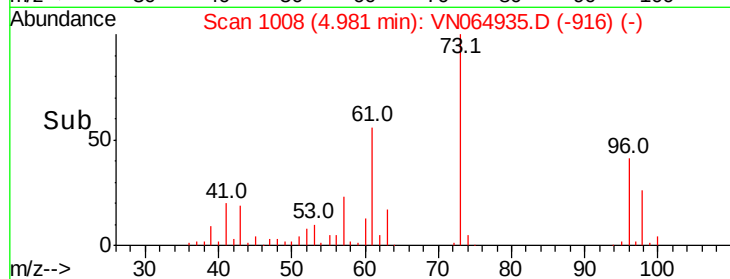
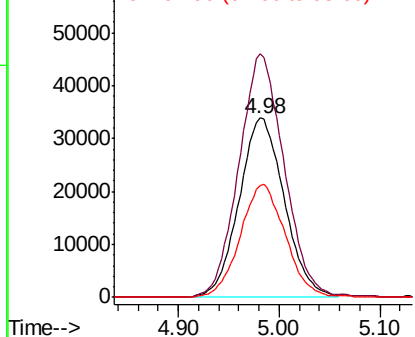


#21  
trans-1,2-Dichloroethene  
Concen: 45.391 ug/l  
RT: 4.98 min Scan# 1008  
Delta R.T. -0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

Tot Ion: 96 Resp: 105691  
Ion Ratio Lower Upper  
96 100  
61 135.6 108.4 162.6  
98 62.5 51.3 76.9

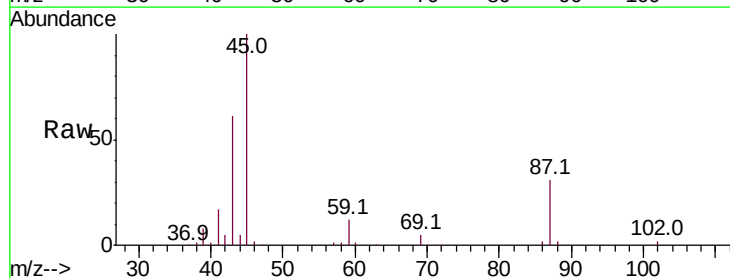


Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0

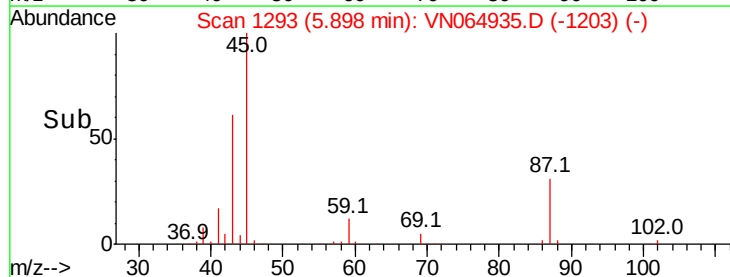
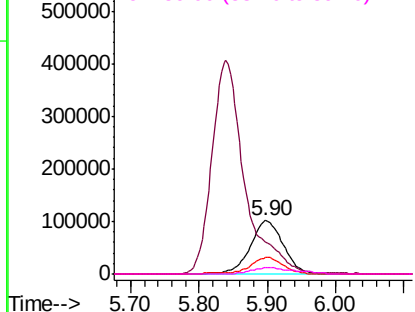


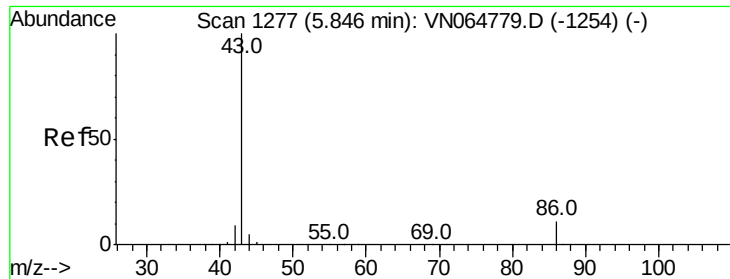
#22  
Diisopropyl ether  
Concen: 49.334 ug/l  
RT: 5.90 min Scan# 1293  
Delta R.T. -0.01 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

Tgt Ion: 45 Resp: 341492  
Ion Ratio Lower Upper  
45 100  
43 59.1 46.2 69.2  
87 30.6 24.1 36.1  
59 11.7 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 87.00 (86.70 to 87.70): VN0  
Ion 59.00 (58.70 to 59.70): VN0

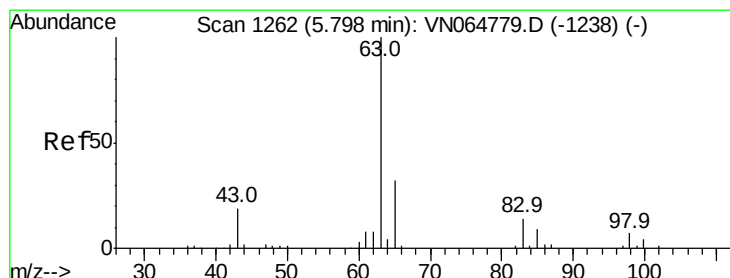
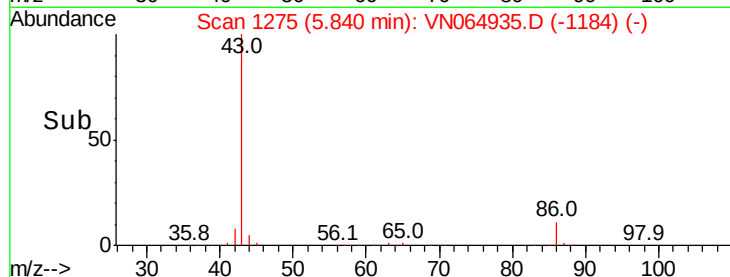
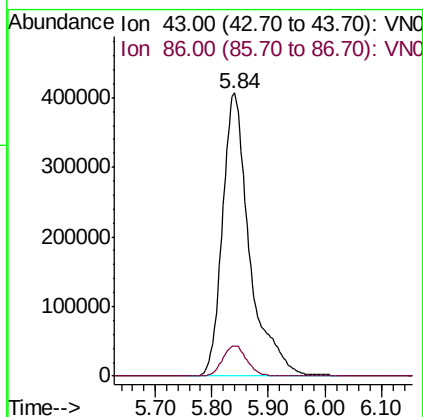
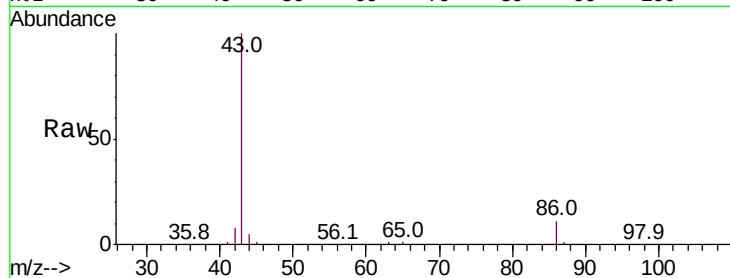




#23  
 Vinyl Acetate  
 Concen: 245.559 ug/l  
 RT: 5.84 min Scan# 1275  
 Delta R.T. -0.01 min  
 Lab File: VN064935.D  
 Acq: 7 Dec 2020 10:30

Tot Ion: 43 Resp: 1359262

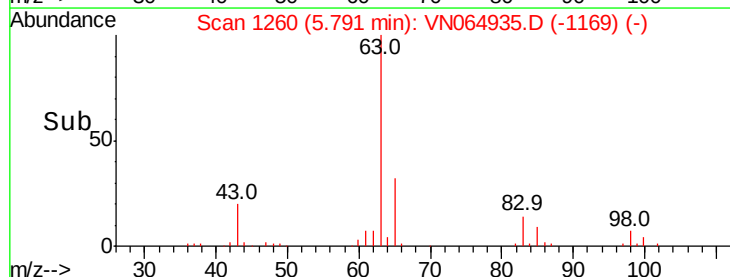
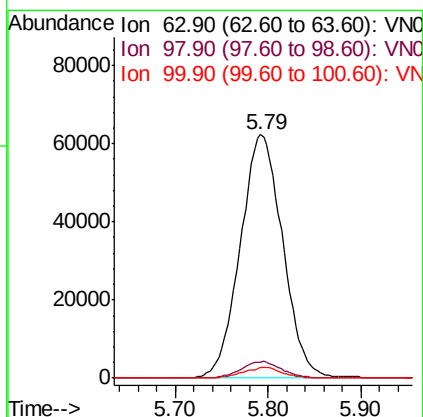
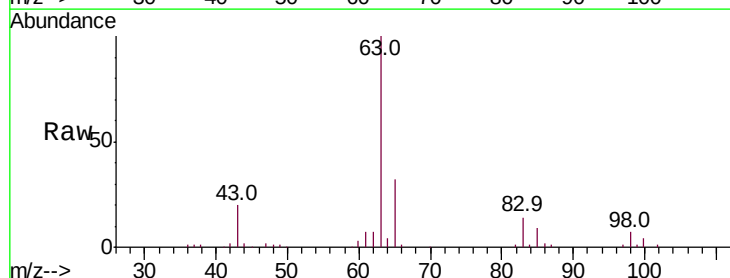
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 10.7  | 8.9   | 13.3  |



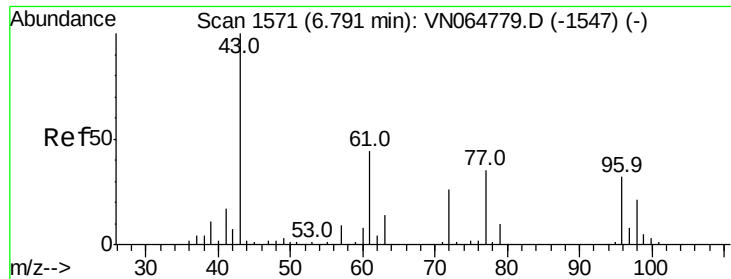
#24  
 1,1-Dichloroethane  
 Concen: 47.876 ug/l  
 RT: 5.79 min Scan# 1260  
 Delta R.T. -0.01 min  
 Lab File: VN064935.D  
 Acq: 7 Dec 2020 10:30

Tgt Ion: 63 Resp: 198056

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 6.7   | 3.5   | 10.5  |
| 100 | 4.4   | 2.3   | 6.8   |







#25

2-Butanone

Concen: 244.300 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VN064935.D

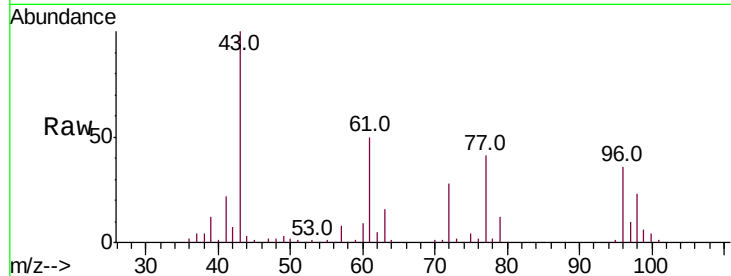
Acq: 7 Dec 2020 10:30

Tot Ion: 43 Resp: 327255

Ion Ratio Lower Upper

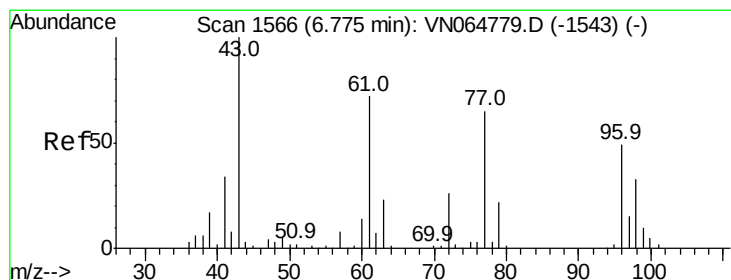
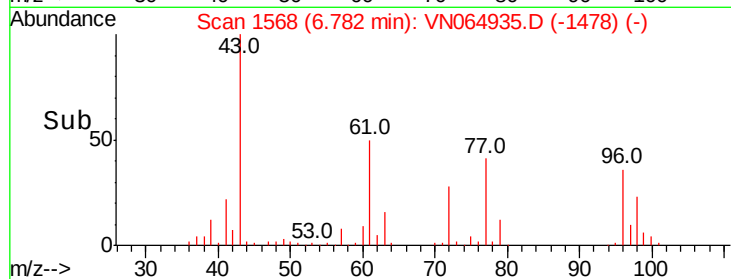
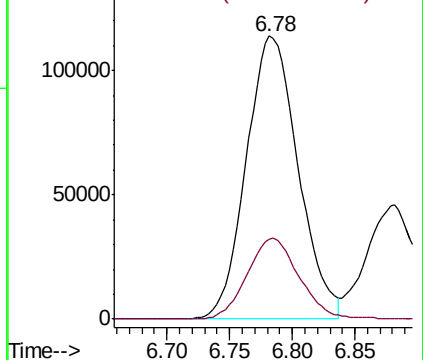
43 100

72 28.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 47.501 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064935.D

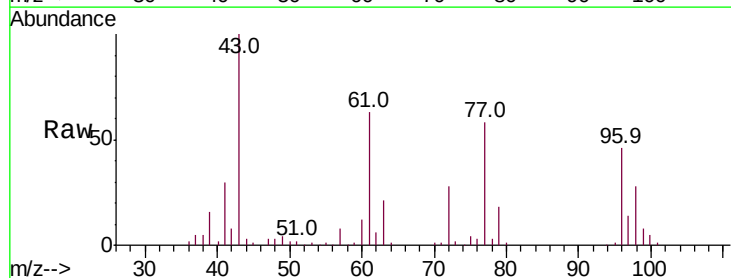
Acq: 7 Dec 2020 10:30

Tgt Ion: 77 Resp: 170430

Ion Ratio Lower Upper

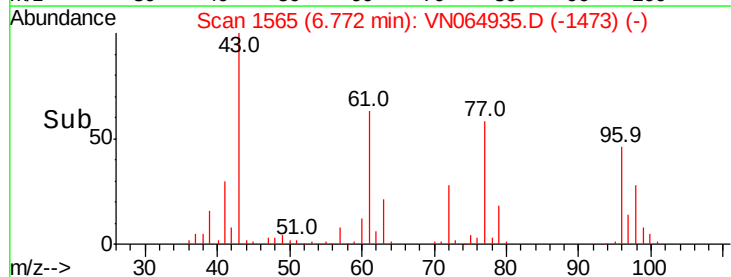
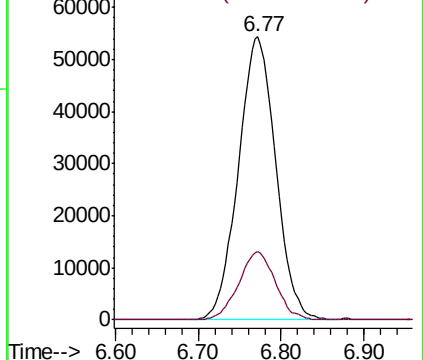
77 100

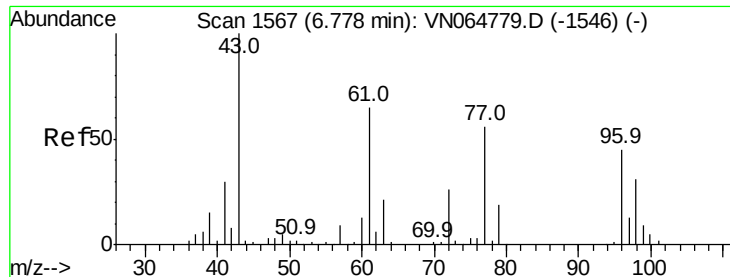
97 23.7 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 48.207 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

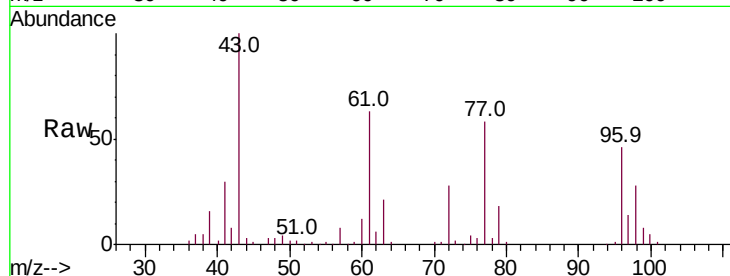
Tot Ion: 96 Resp: 126309

Ion Ratio Lower Upper

96 100

61 140.4 0.0 285.8

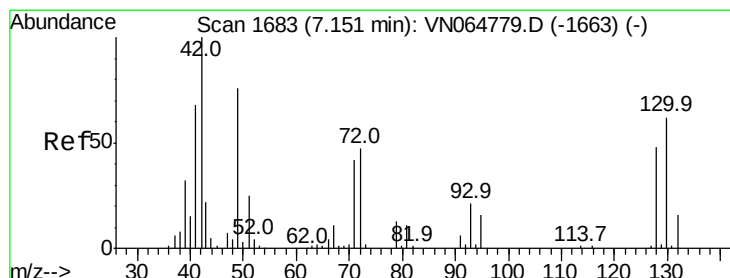
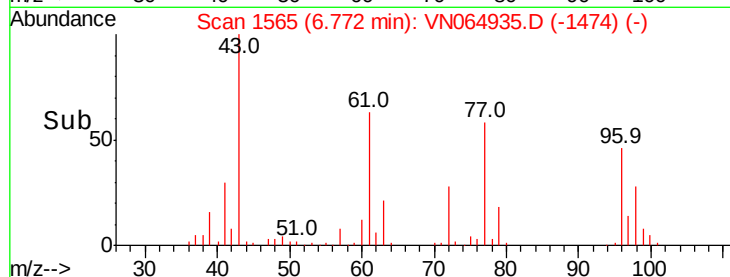
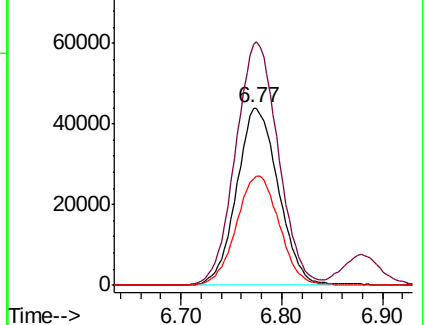
98 63.3 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064779.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1546) (-)



#28

Bromochloromethane

Concen: 48.025 ug/l

RT: 7.15 min Scan# 1681

Delta R.T. -0.01 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

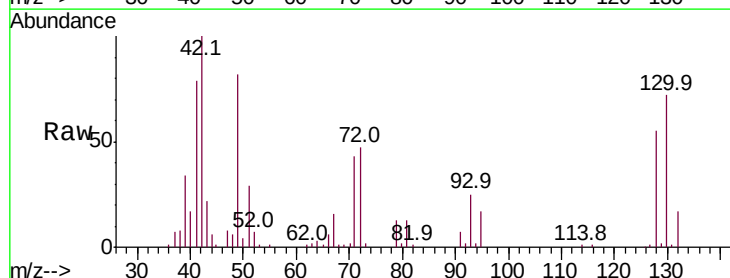
Tgt Ion: 49 Resp: 90887

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

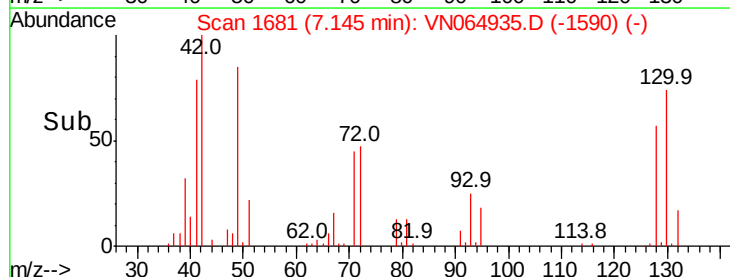
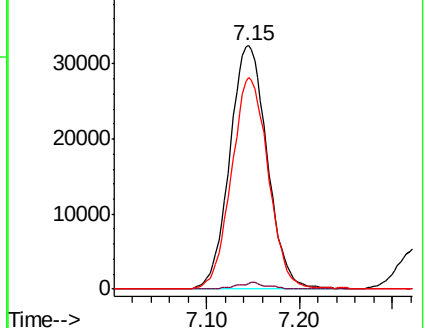
130 85.0 66.2 99.2

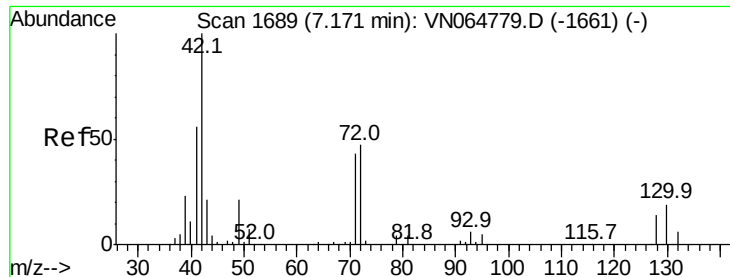


Abundance Ion 48.90 (48.60 to 49.60): VN064779.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN064779.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN064779.D (-1663) (-)





#29

Tetrahydrofuran

Concen: 218.599 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

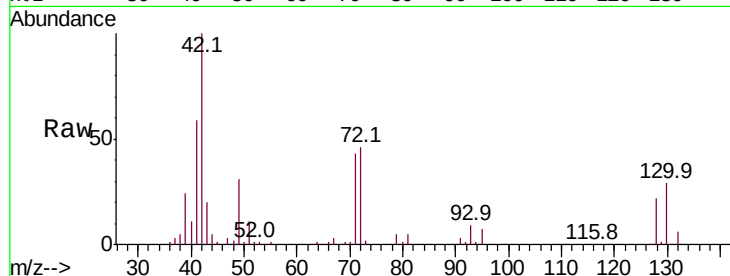
Tot Ion: 42 Resp: 202136

Ion Ratio Lower Upper

42 100

72 46.3 36.6 54.8

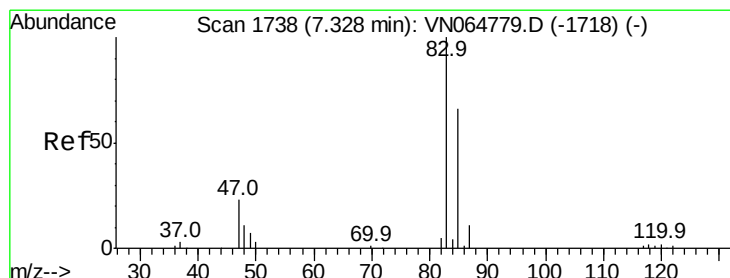
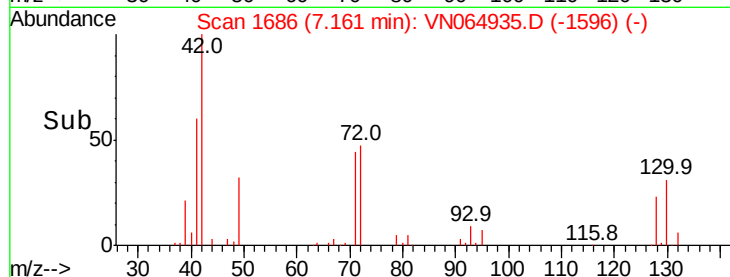
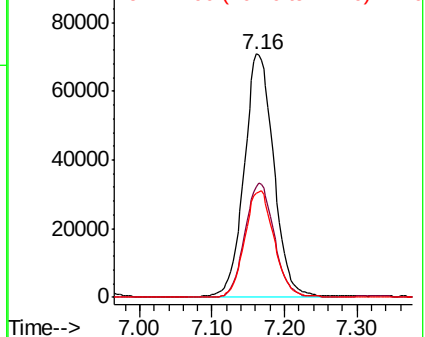
71 43.3 33.6 50.4



Abundance Ion 42.00 (41.70 to 42.70): VN064779.D (-1661) (-)

Ion 72.00 (71.70 to 72.70): VN064779.D (-1661) (-)

Ion 71.00 (70.70 to 71.70): VN064779.D (-1661) (-)



#30

Chloroform

Concen: 47.998 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064935.D

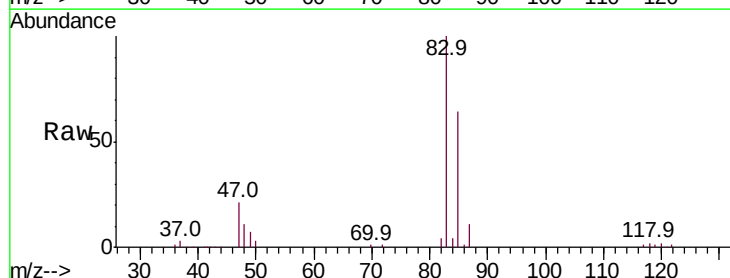
Acq: 7 Dec 2020 10:30

Tgt Ion: 83 Resp: 204764

Ion Ratio Lower Upper

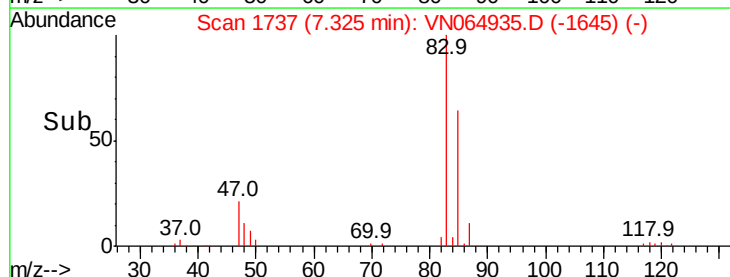
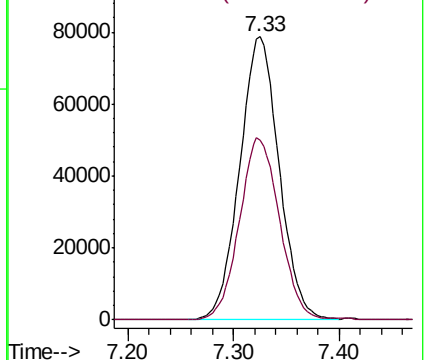
83 100

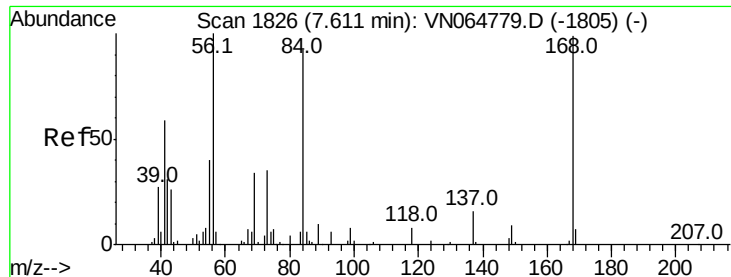
85 63.7 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-1718) (-)





#31

Cyclohexane

Concen: 42.902 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

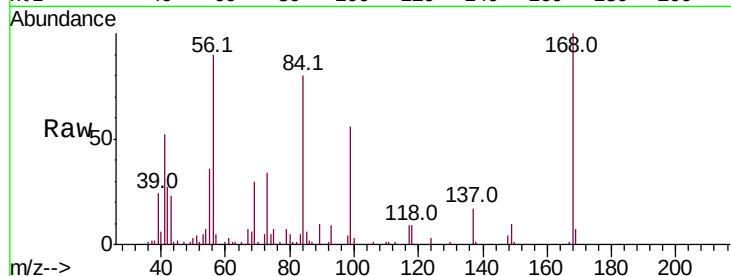
Tot Ion: 56 Resp: 150314

Ion Ratio Lower Upper

56 100

69 33.5 27.5 41.3

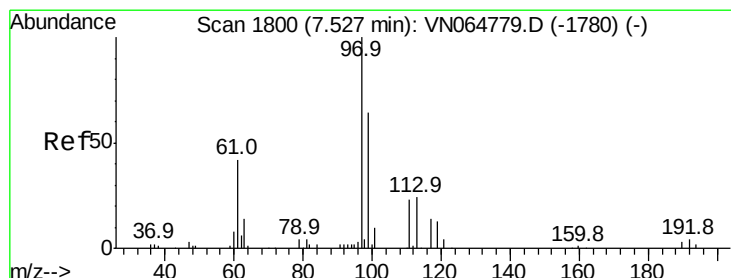
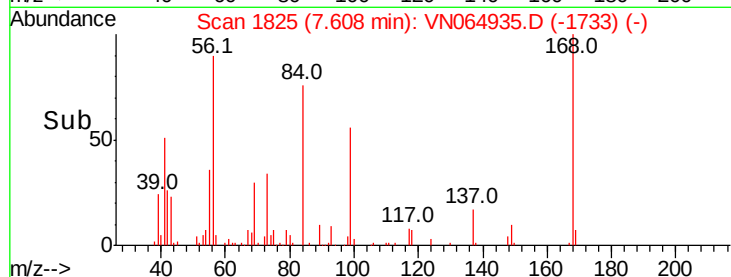
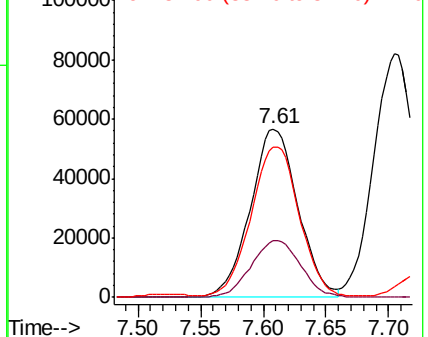
84 87.6 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064935.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064935.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064935.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 47.657 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

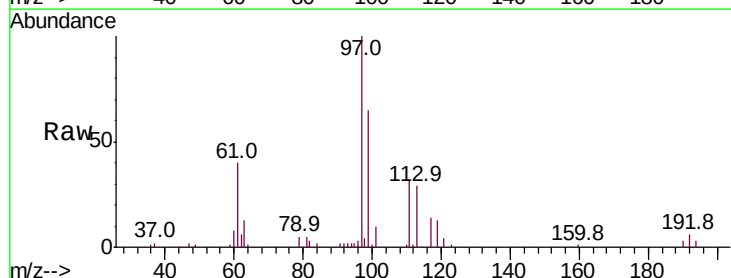
Tgt Ion: 97 Resp: 174615

Ion Ratio Lower Upper

97 100

99 64.9 51.7 77.5

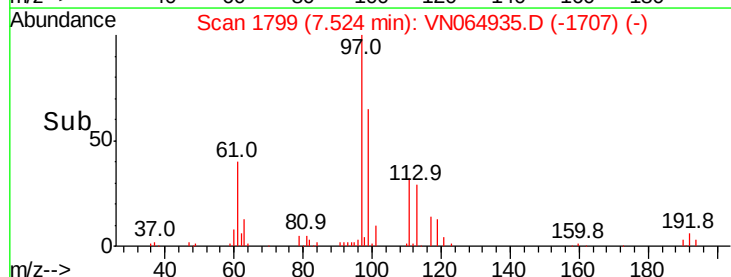
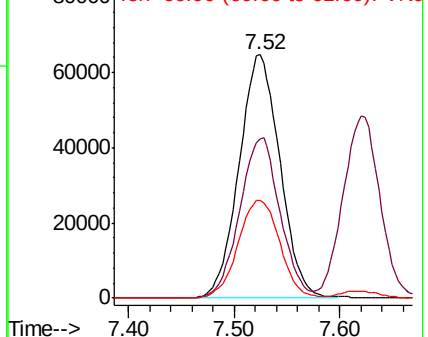
61 40.9 33.9 50.9

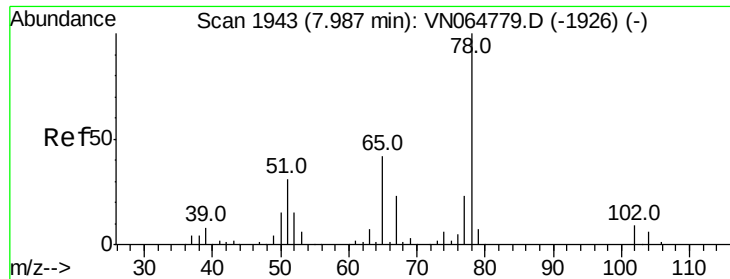


Abundance Ion 96.90 (96.60 to 97.60): VN064935.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064935.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064935.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 47.003 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064935.D

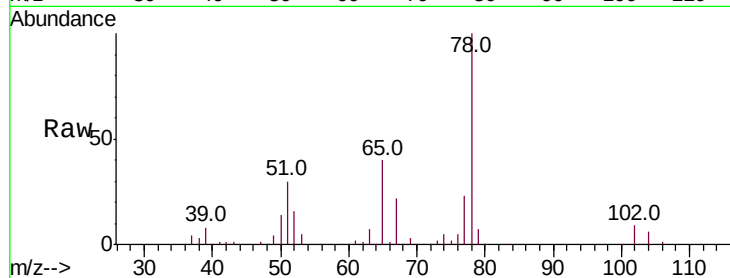
Acq: 7 Dec 2020 10:30

Tot Ion: 65 Resp: 118156

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064779.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN064779.D (-1926) (-)

7.98

60000

50000

40000

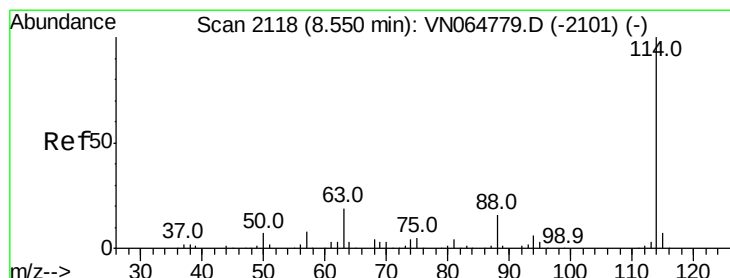
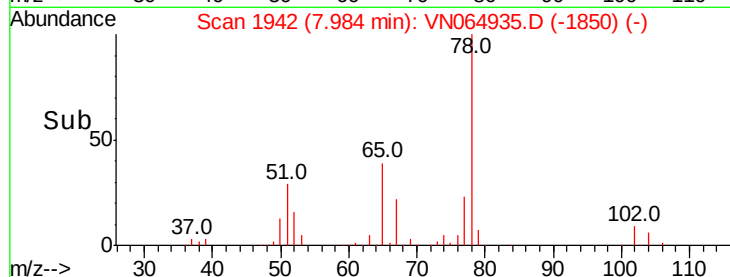
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

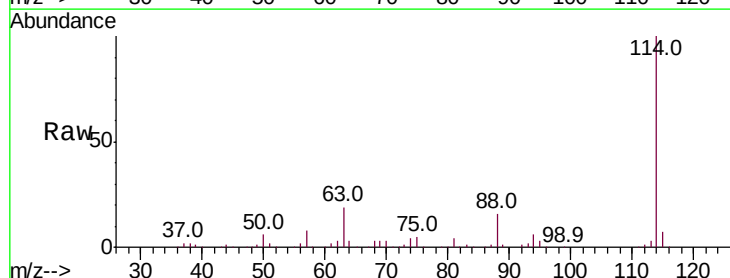
Tgt Ion: 114 Resp: 328063

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

88 15.6 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VN064779.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN064779.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN064779.D (-2101) (-)

8.55

200000

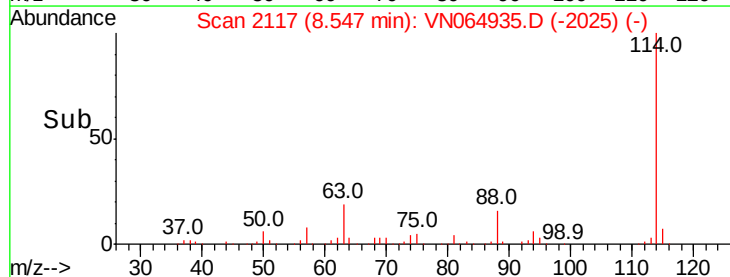
150000

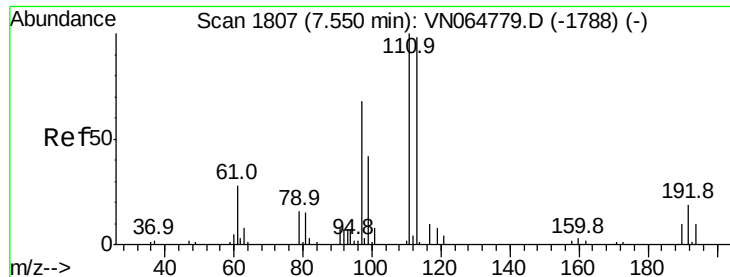
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 52.817 ug/l

RT: 7.54 min Scan# 1805

Delta R.T. -0.01 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

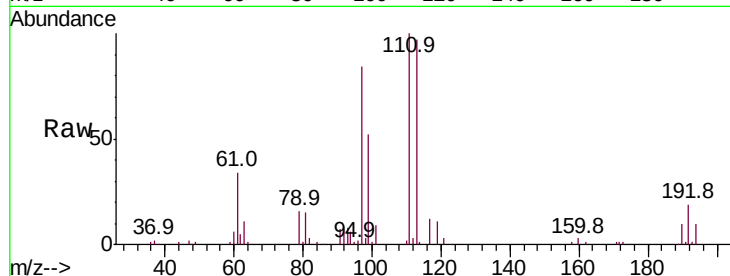
Tot Ion:113 Resp: 103681

Ion Ratio Lower Upper

113 100

111 105.1 81.6 122.4

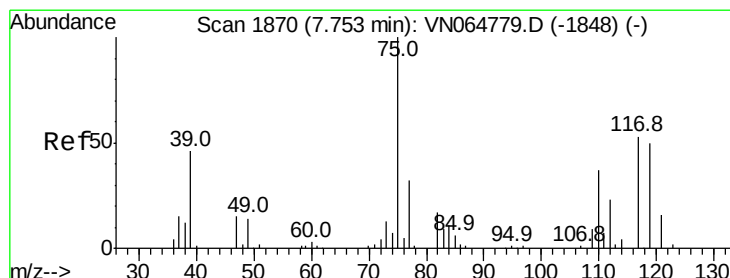
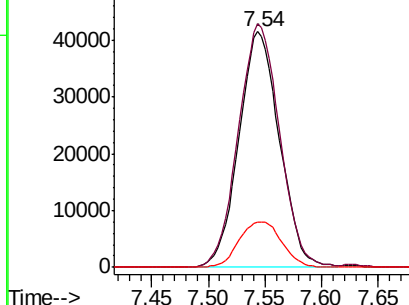
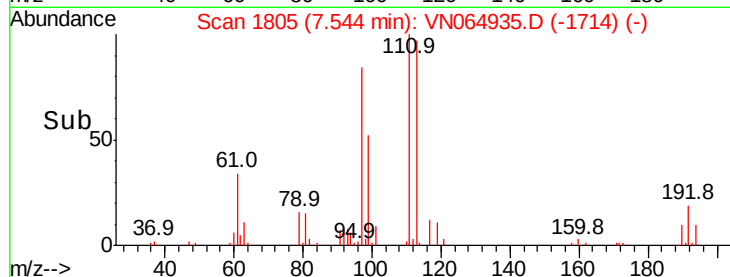
192 20.4 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.359 ug/l

RT: 7.75 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

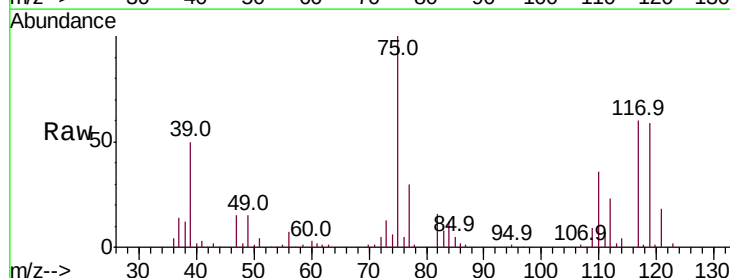
Tgt Ion: 75 Resp: 150092

Ion Ratio Lower Upper

75 100

110 36.0 17.8 53.3

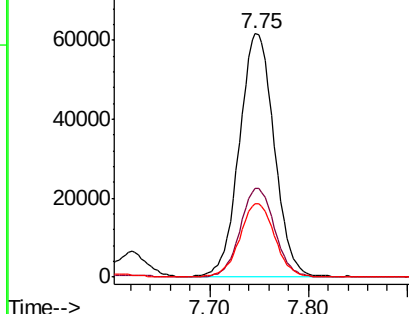
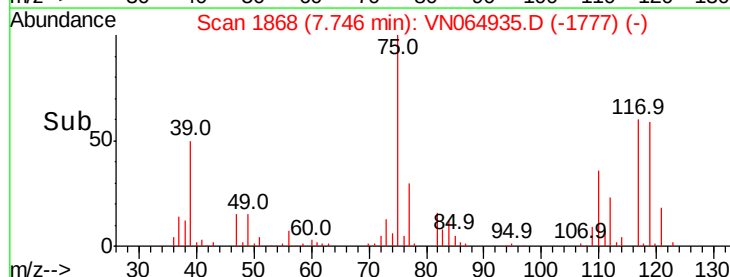
77 30.5 25.0 37.4

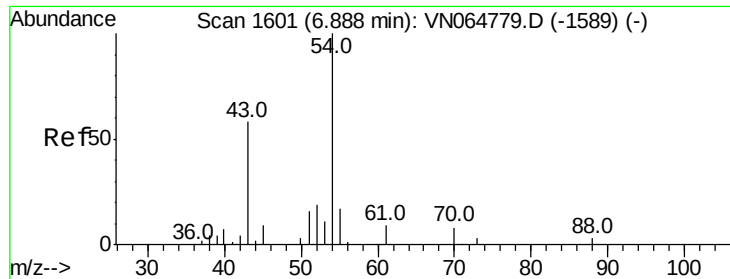


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

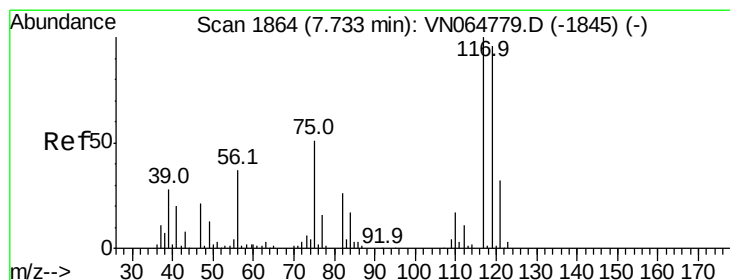
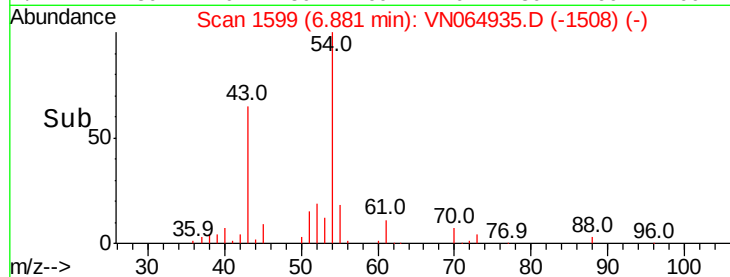
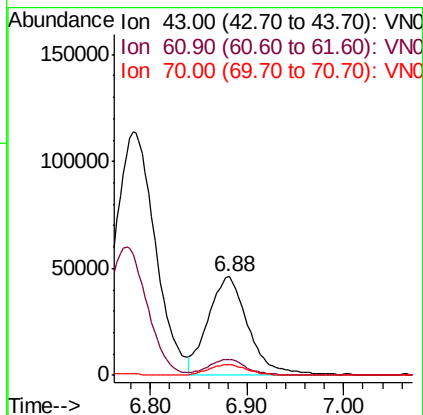
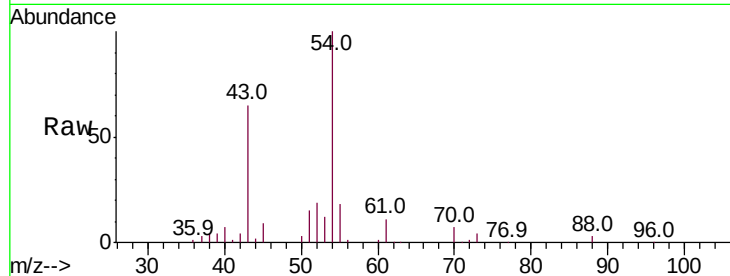
Ion 76.90 (76.60 to 77.60): V





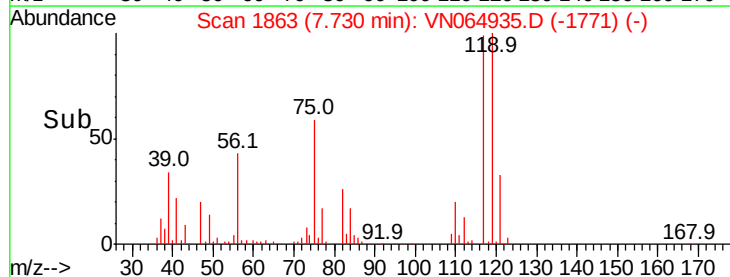
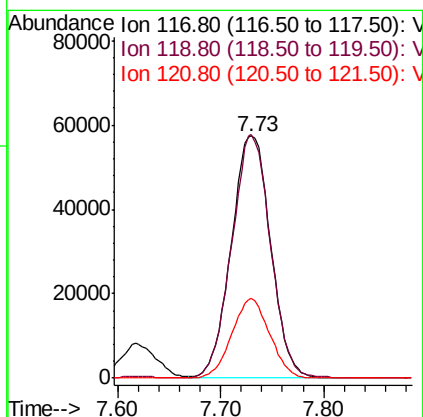
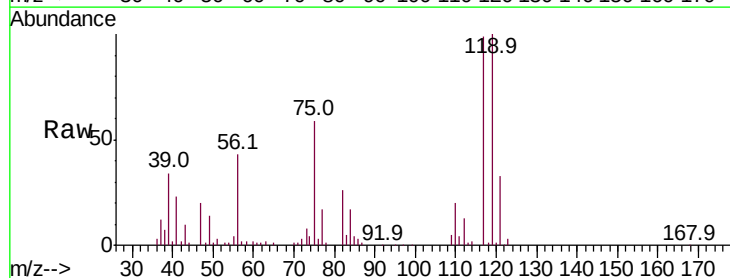
#37  
Ethyl Acetate  
Concen: 44.820 ug/l  
RT: 6.88 min Scan# 1599  
Delta R.T. -0.01 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

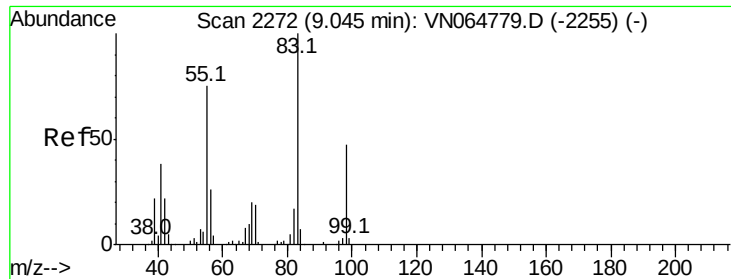
Tot Ion: 43 Resp: 131284  
Ion Ratio Lower Upper  
43 100  
61 15.9 12.8 19.2  
70 10.8 8.8 13.2



#38  
Carbon Tetrachloride  
Concen: 48.407 ug/l  
RT: 7.73 min Scan# 1863  
Delta R.T. -0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

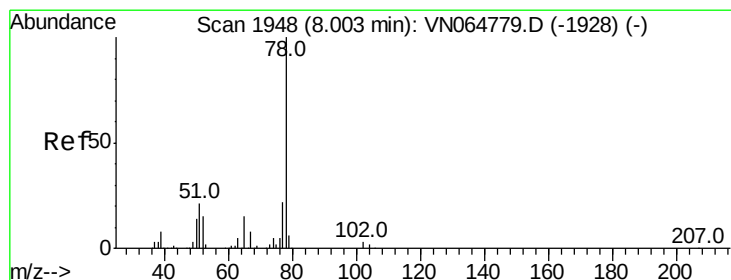
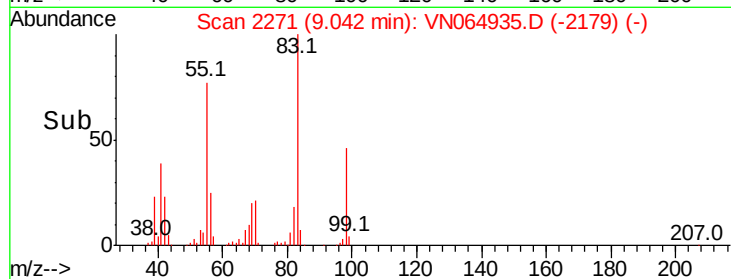
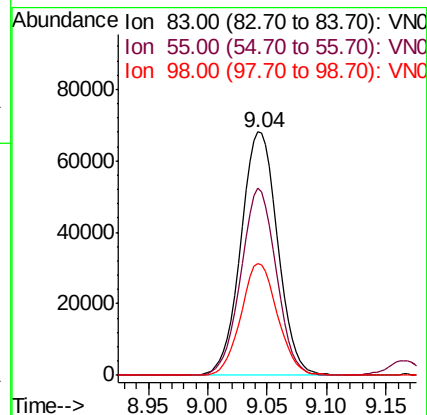
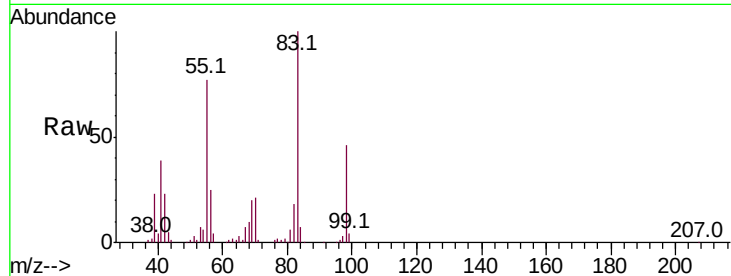
Tgt Ion: 117 Resp: 153158  
Ion Ratio Lower Upper  
117 100  
119 100.6 76.7 115.1  
121 32.8 25.4 38.2





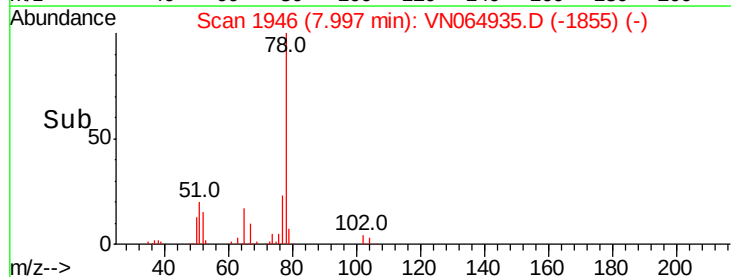
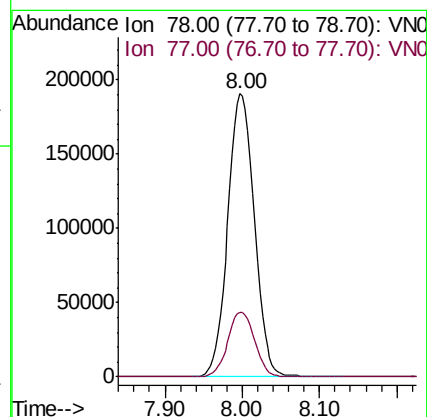
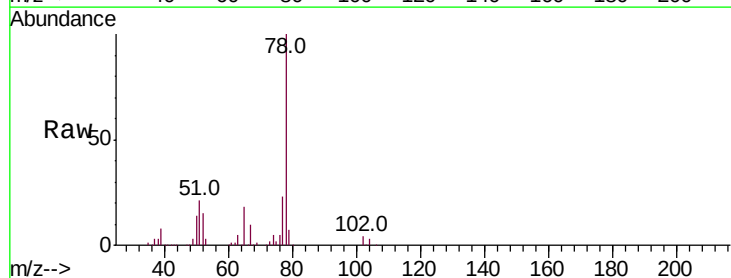
#39  
Methylvlcyclohexane  
Concen: 44.580 ug/l  
RT: 9.04 min Scan# 2271  
Delta R.T. -0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

| Tot Ion   | 83   | Resp | 145929 |
|-----------|------|------|--------|
| Ion Ratio | 100  |      |        |
| Lower     | 60.2 |      |        |
| Upper     | 90.2 |      |        |
| 83        | 77.0 |      |        |
| 55        | 46.1 |      |        |
| 98        |      | 37.4 | 56.2   |

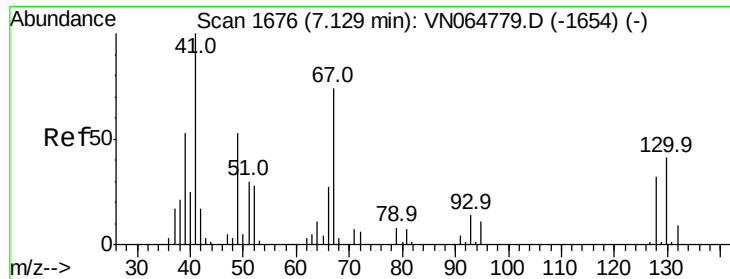


#40  
Benzene  
Concen: 48.714 ug/l  
RT: 8.00 min Scan# 1946  
Delta R.T. -0.01 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

| Tgt Ion   | 78   | Resp | 453923 |
|-----------|------|------|--------|
| Ion Ratio | 100  |      |        |
| Lower     | 17.9 |      |        |
| Upper     | 26.9 |      |        |
| 78        | 22.9 |      |        |
| 77        |      | 17.9 | 26.9   |

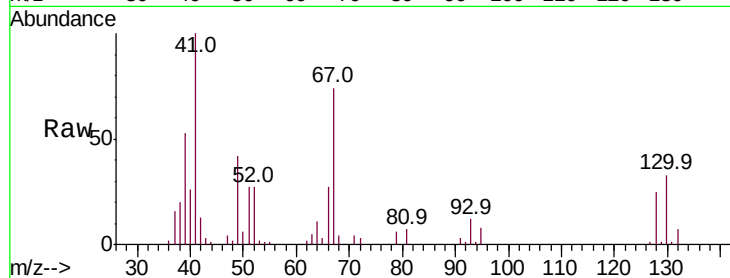




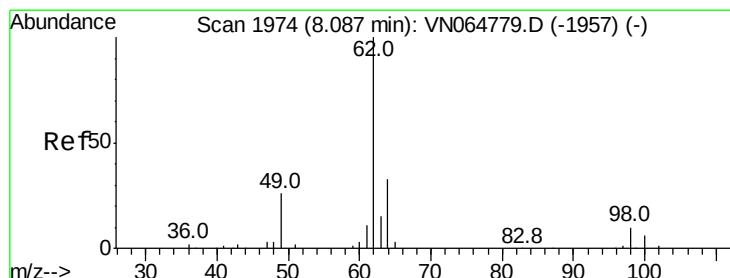
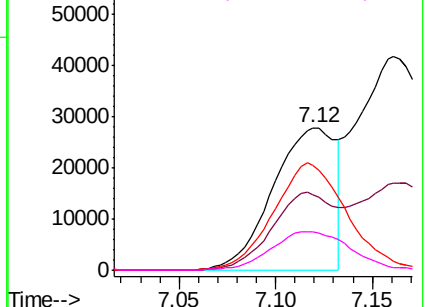
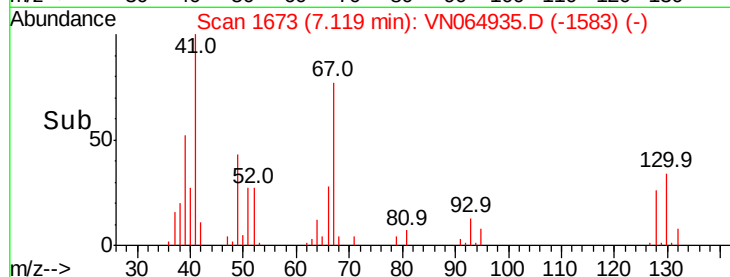


#41  
Methacrylonitrile  
Concen: 46.613 ug/l  
RT: 7.12 min Scan# 1673  
Delta R.T. -0.01 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

Tot Ion: 41 Resp: 63000  
Ion Ratio Lower Upper  
41 100  
39 56.7 51.0 76.6  
67 89.2 79.8 119.8  
52 34.6 31.5 47.3

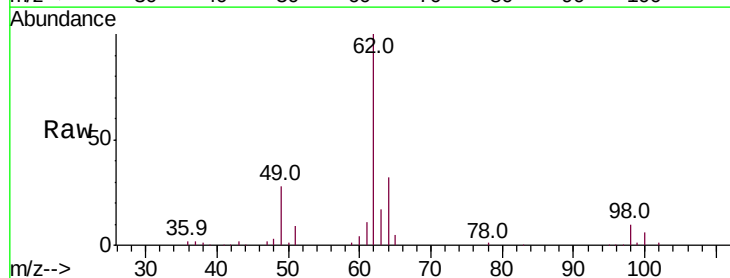


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

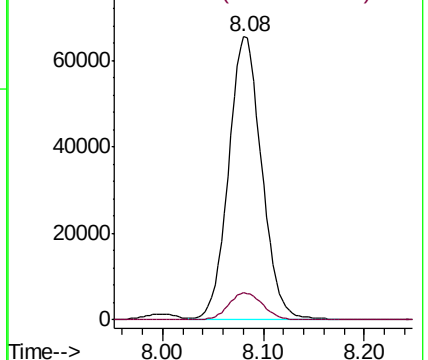
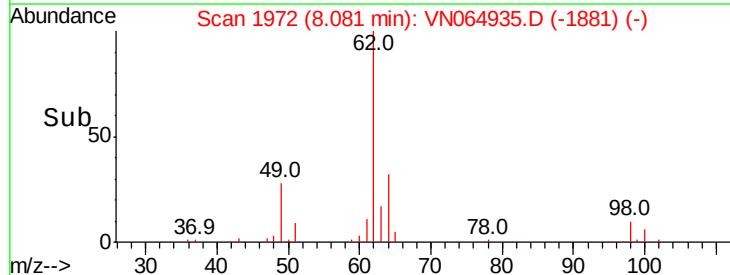


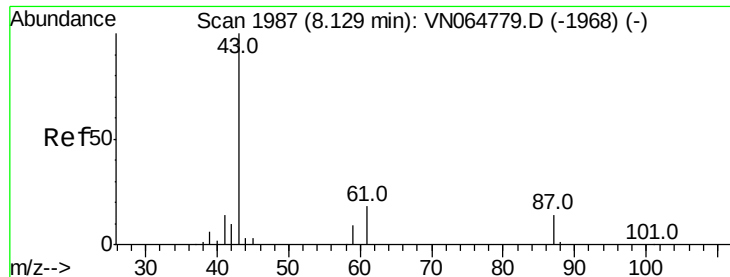
#42  
1,2-Dichloroethane  
Concen: 47.374 ug/l  
RT: 8.08 min Scan# 1972  
Delta R.T. -0.01 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

Tgt Ion: 62 Resp: 148916  
Ion Ratio Lower Upper  
62 100  
98 9.9 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 46.387 ug/l

RT: 8.12 min Scan# 1985

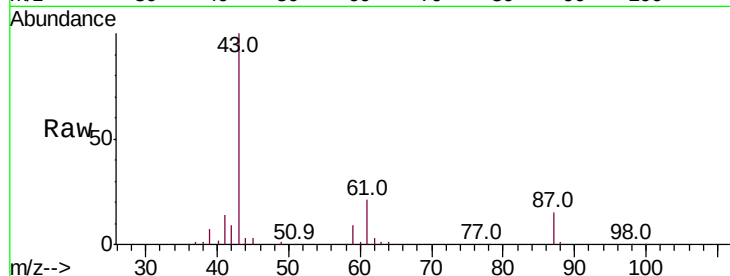
Delta R.T. -0.01 min

Lab File: VN064935.D

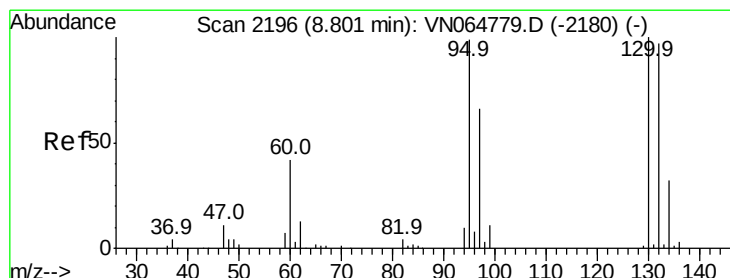
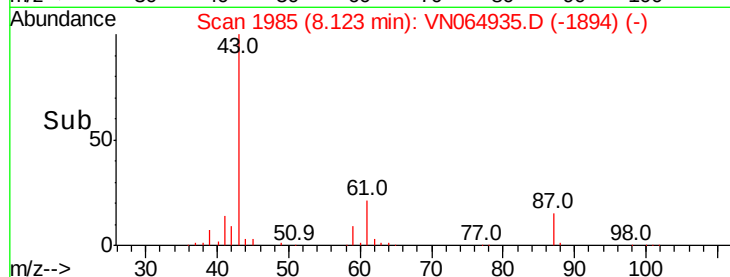
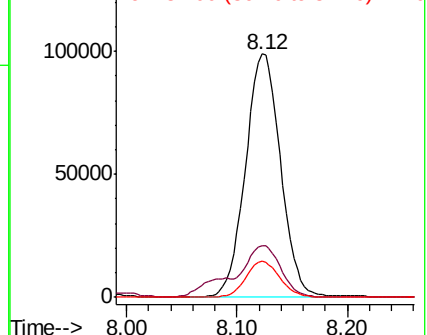
Acq: 7 Dec 2020 10:30

Tot Ion: 43 Resp: 218636

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 28.6  | 17.2  | 25.8# |
| 87  | 14.4  | 11.4  | 17.0  |



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)



#44

Trichloroethene

Concen: 47.572 ug/l

RT: 8.80 min Scan# 2195

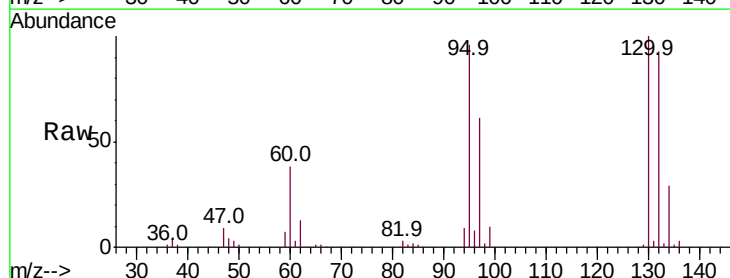
Delta R.T. -0.00 min

Lab File: VN064935.D

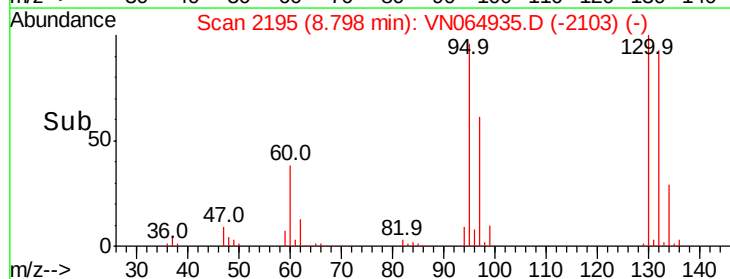
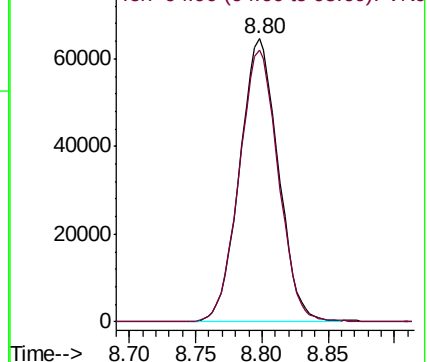
Acq: 7 Dec 2020 10:30

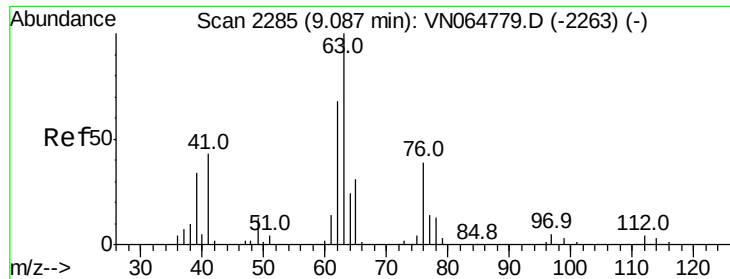
Tgt Ion:130 Resp: 130792

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 96.3  | 0.0   | 197.8 |



Abundance Ion 129.80 (129.50 to 130.50): VN064779.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 50.965 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.01 min

Lab File: VN064935.D

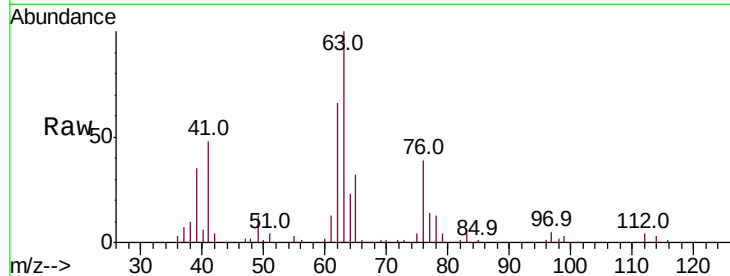
Acq: 7 Dec 2020 10:30

Tot Ion: 63 Resp: 122983

Ion Ratio Lower Upper

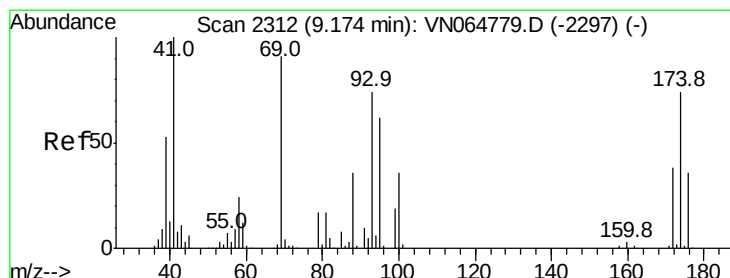
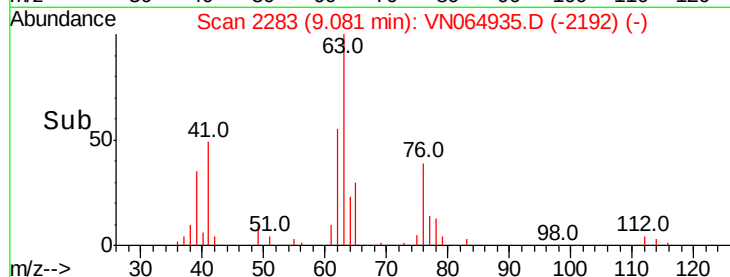
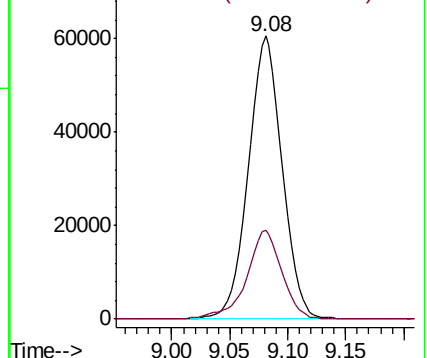
63 100

65 31.6 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 48.973 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

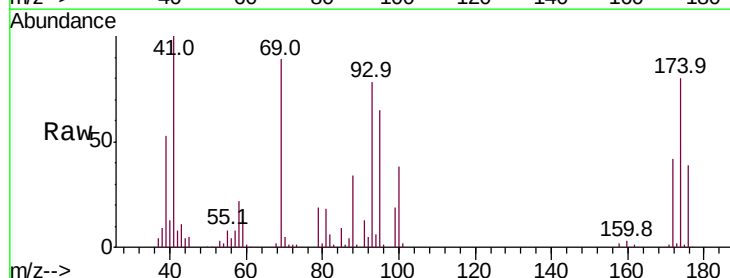
Tgt Ion: 93 Resp: 78950

Ion Ratio Lower Upper

93 100

95 82.8 68.8 103.2

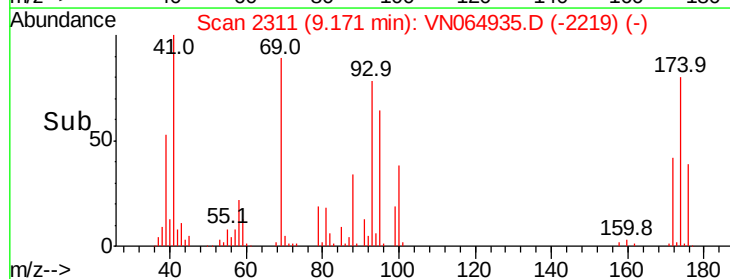
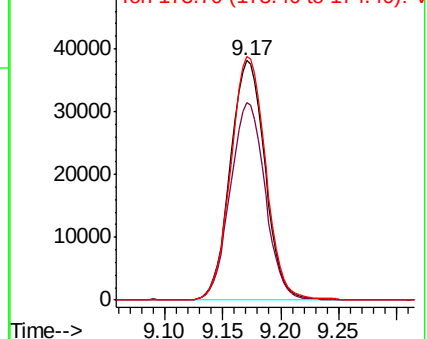
174 102.1 83.1 124.7

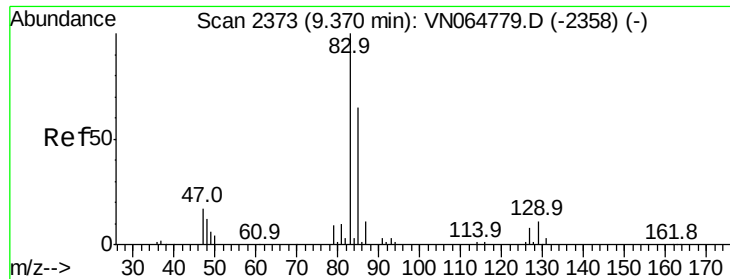


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.154 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

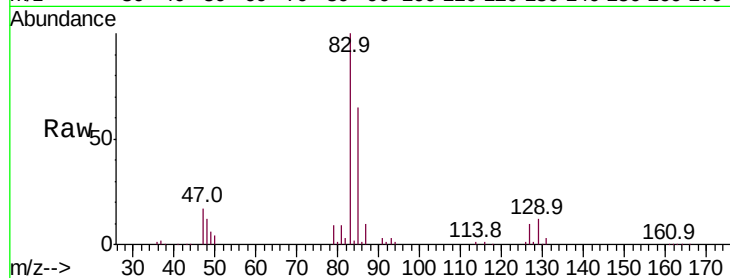
Tot Ion: 83 Resp: 162686

Ion Ratio Lower Upper

83 100

85 64.6 51.8 77.8

127 9.6 6.8 10.2

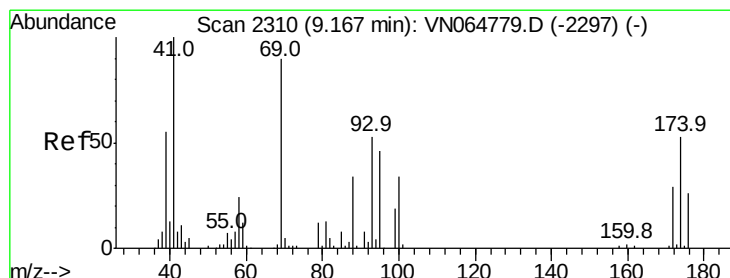
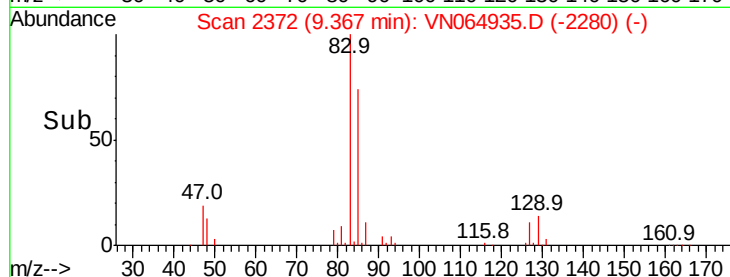


Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2358) (-)

Time-->



#48

Methyl methacrylate

Concen: 48.512 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

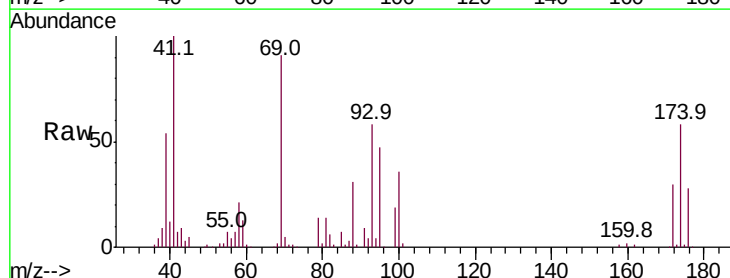
Tgt Ion: 41 Resp: 109259

Ion Ratio Lower Upper

41 100

69 90.2 71.8 107.8

39 52.5 44.1 66.1

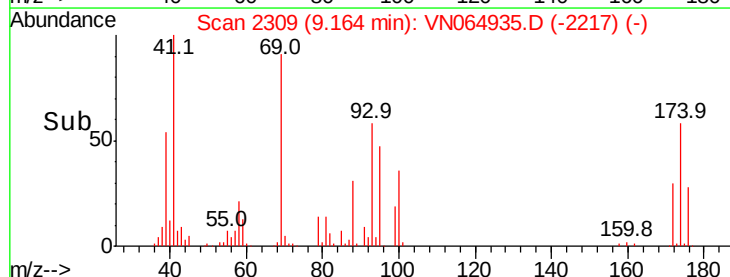


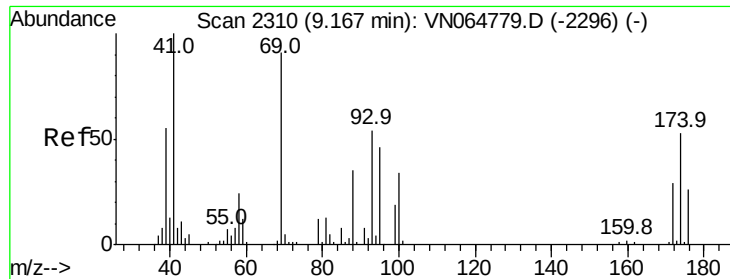
Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-2297) (-)

Time-->





#49

1,4-Dioxane

Concen: 888.648 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

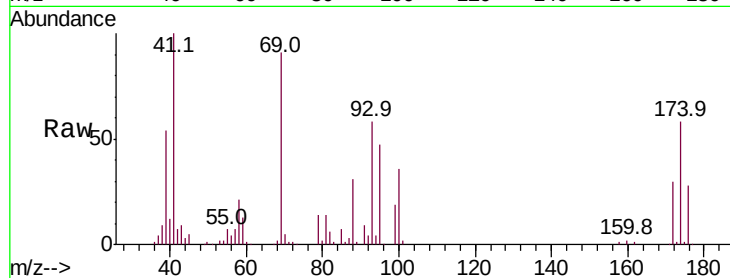
Tot Ion: 88 Resp: 37827

Ion Ratio Lower Upper

88 100

43 29.6 24.2 36.4

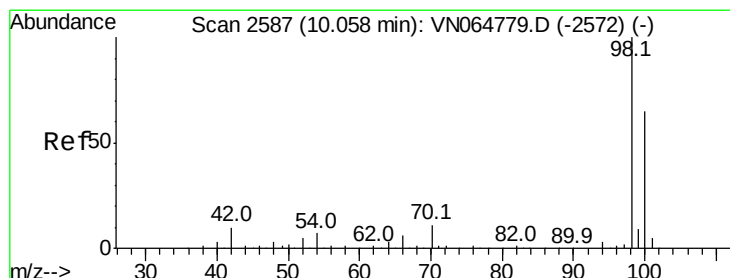
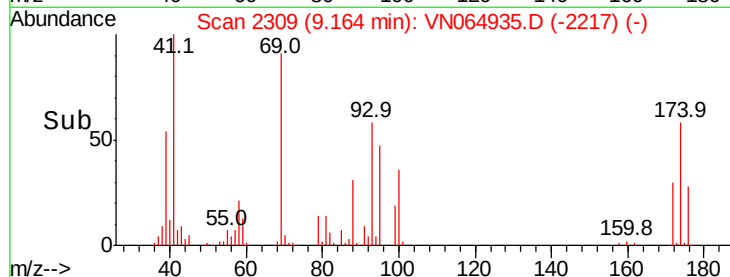
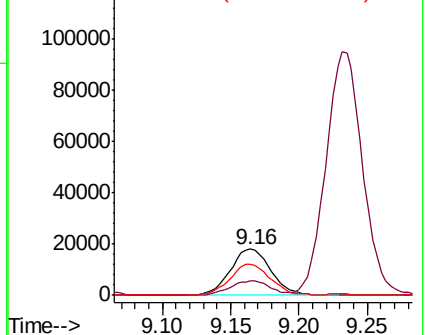
58 66.7 52.5 78.7



Abundance Ion 88.00 (87.70 to 88.70): VN064779.D (-2296) (-)

Ion 43.00 (42.70 to 43.70): VN064779.D (-2296) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2296) (-)



#50

Toluene-d8

Concen: 49.796 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064935.D

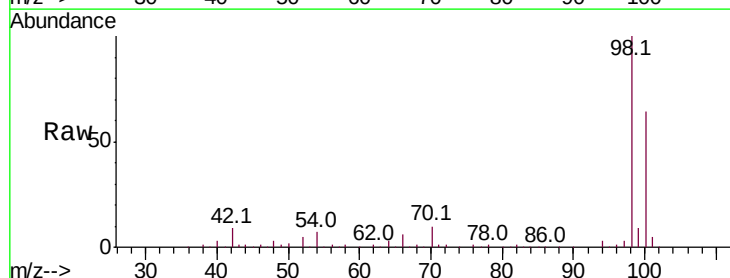
Acq: 7 Dec 2020 10:30

Tgt Ion: 98 Resp: 399399

Ion Ratio Lower Upper

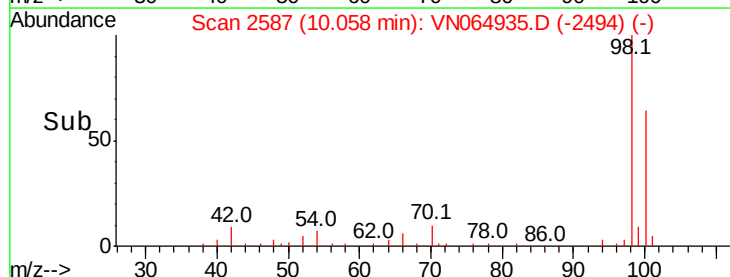
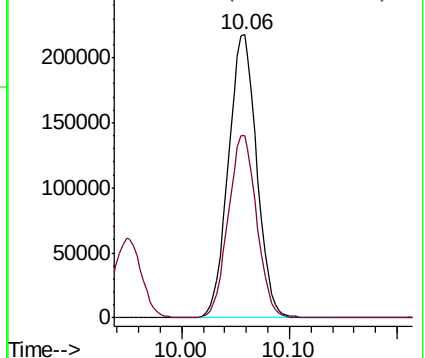
98 100

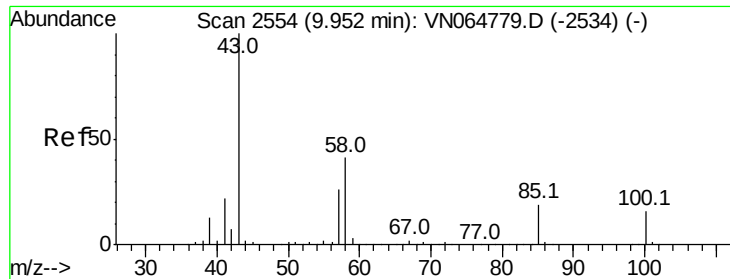
100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)





#51

4-Methyl-2-Pentanone

Concen: 235.821 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064935.D

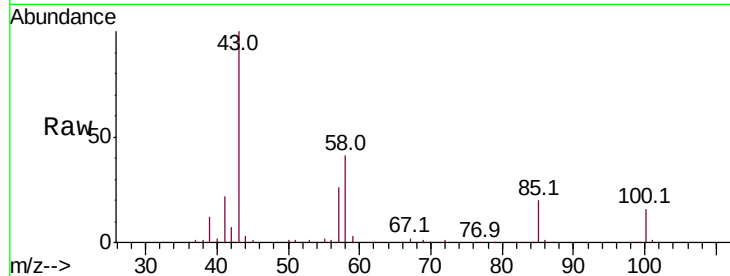
Acq: 7 Dec 2020 10:30

Tot Ion: 43 Resp: 667285

Ion Ratio Lower Upper

43 100

58 40.6 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.95

400000

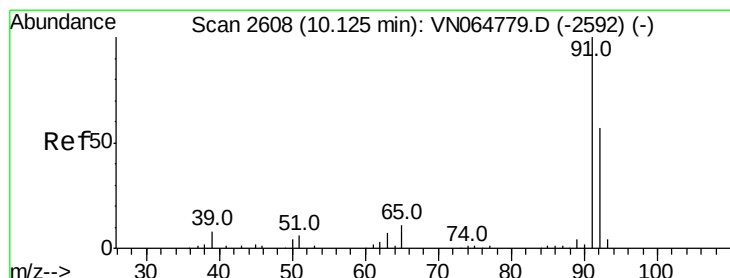
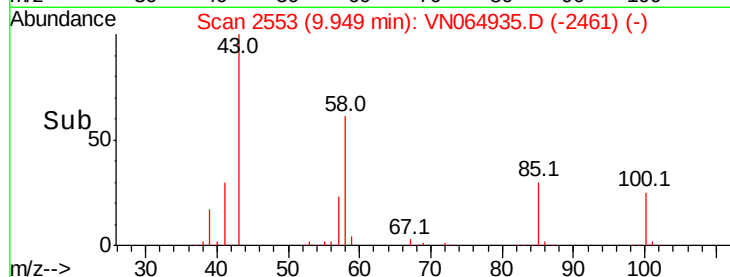
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.022 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064935.D

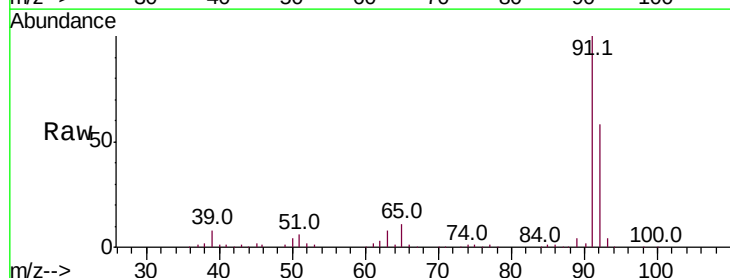
Acq: 7 Dec 2020 10:30

Tgt Ion: 92 Resp: 287052

Ion Ratio Lower Upper

92 100

91 172.4 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.12

300000

250000

200000

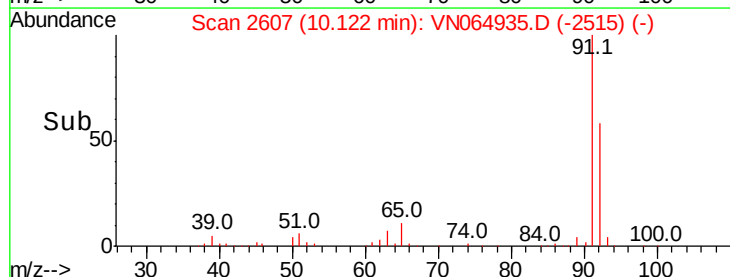
150000

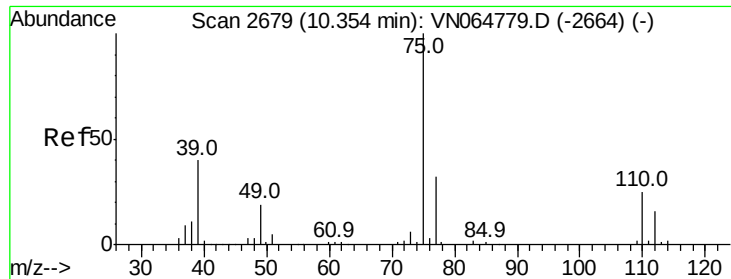
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.867 ug/l

RT: 10.35 min Scan# 2677

Delta R.T. -0.01 min

Lab File: VN064935.D

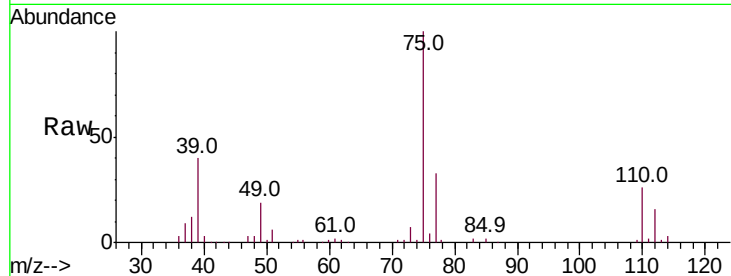
Acq: 7 Dec 2020 10:30

Tot Ion: 75 Resp: 176550

Ion Ratio Lower Upper

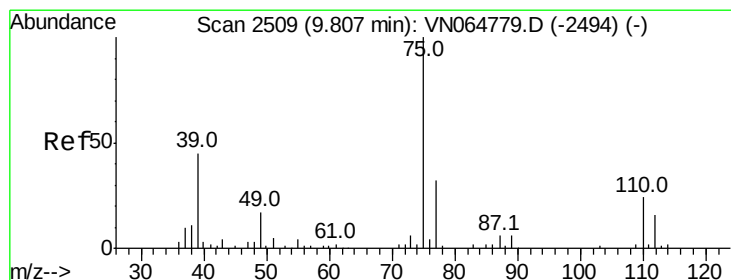
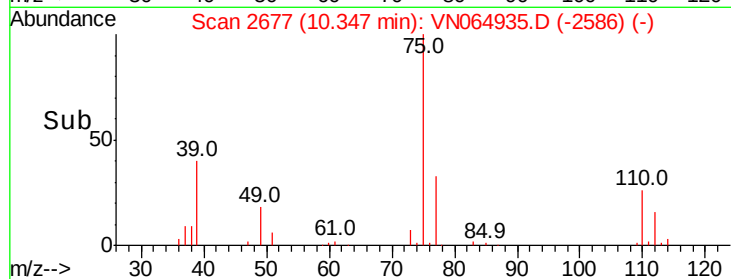
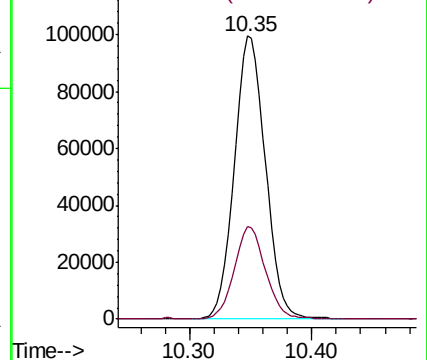
75 100

77 32.3 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 50.387 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

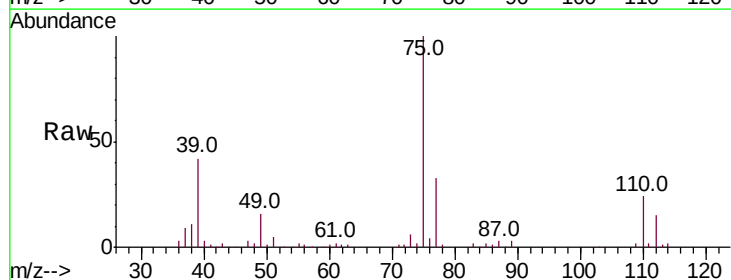
Tgt Ion: 75 Resp: 195127

Ion Ratio Lower Upper

75 100

77 32.8 25.5 38.3

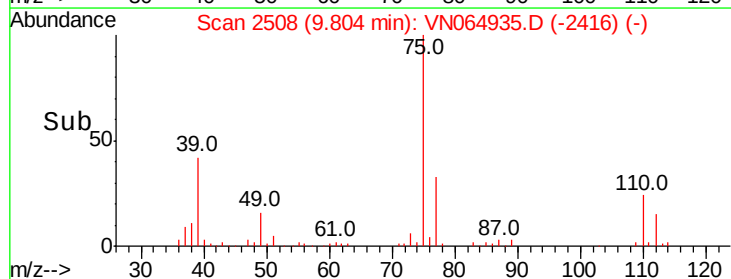
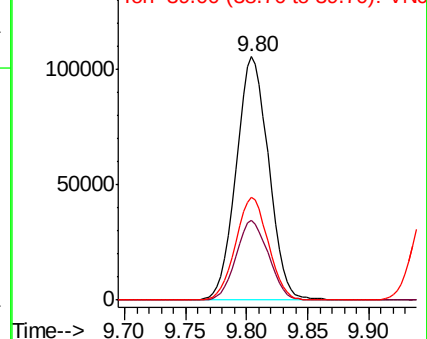
39 42.2 35.6 53.4

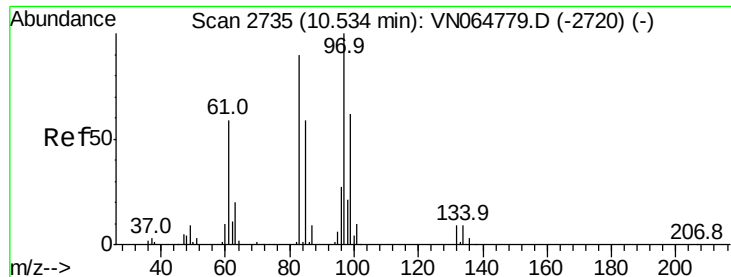


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 49.606 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

Tot Ion: 97 Resp: 117056

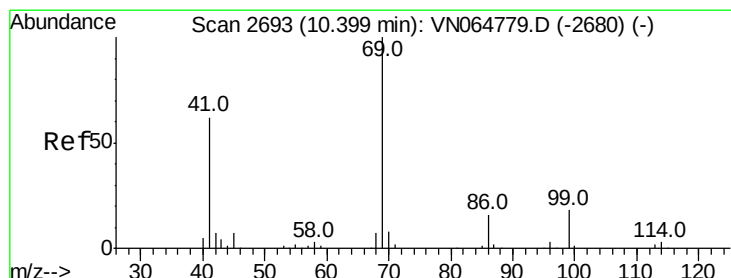
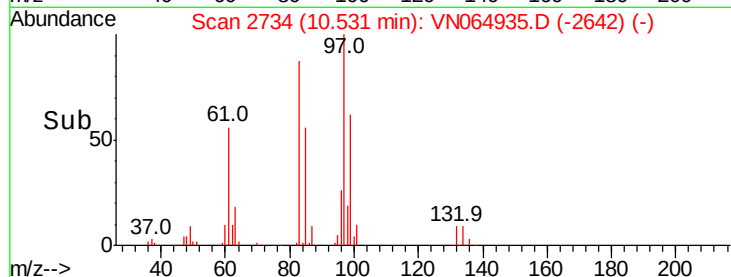
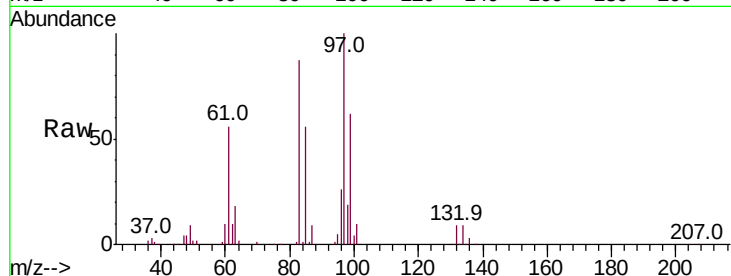
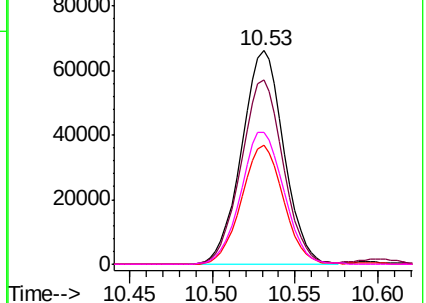
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.5  | 72.1  | 108.1 |
| 85  | 55.6  | 46.8  | 70.2  |
| 99  | 62.0  | 49.6  | 74.4  |

Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 51.003 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

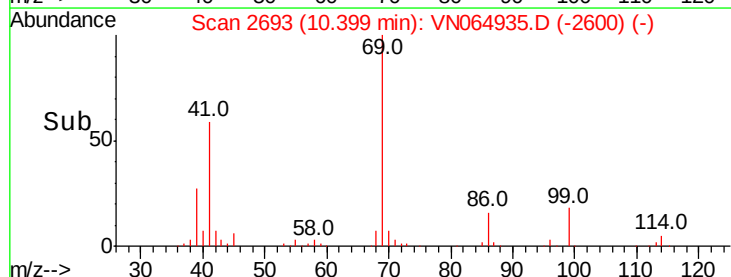
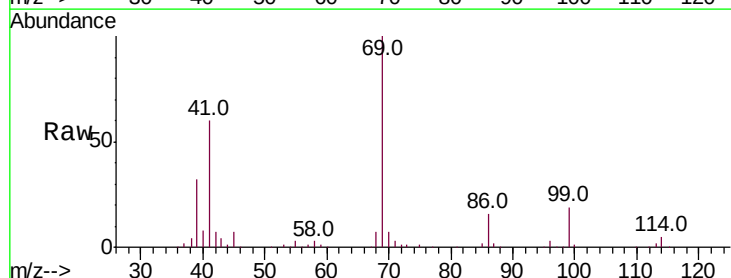
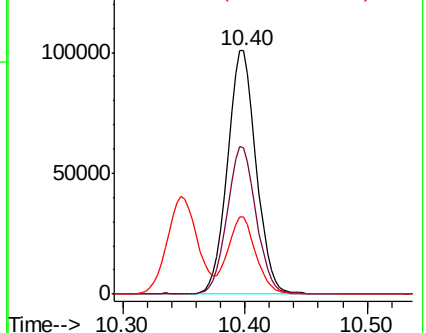
Tgt Ion: 69 Resp: 166081

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 60.7  | 49.4  | 74.0  |
| 39  | 31.6  | 25.9  | 38.9  |

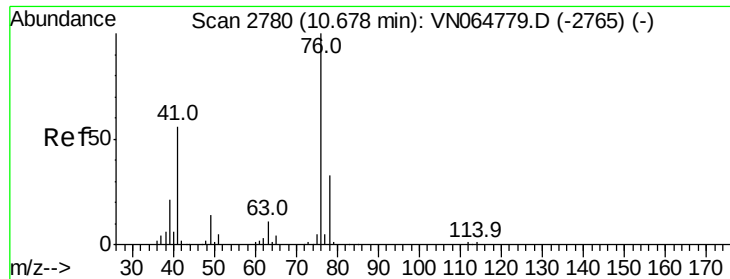
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0







#57

1,3-Dichloropropane

Concen: 49.905 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064935.D

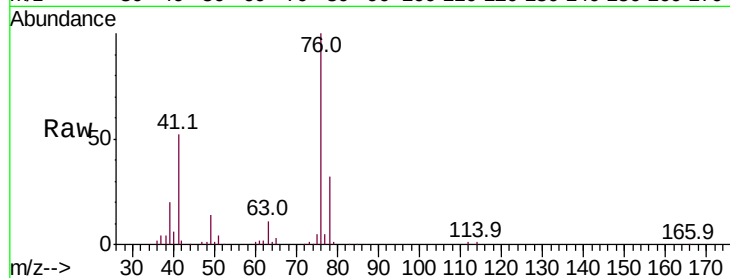
Acq: 7 Dec 2020 10:30

Tot Ion: 76 Resp: 194258

Ion Ratio Lower Upper

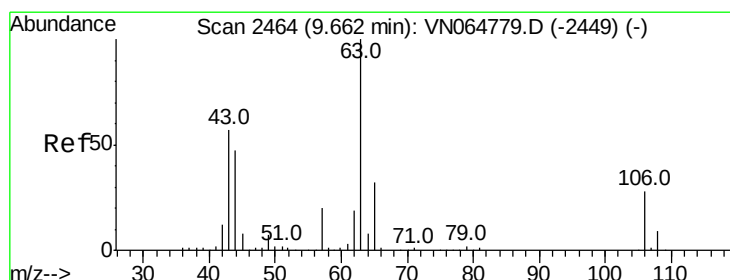
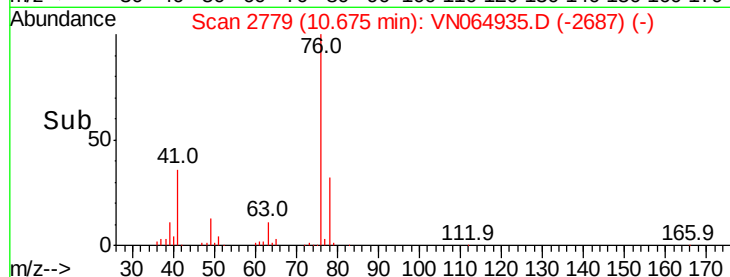
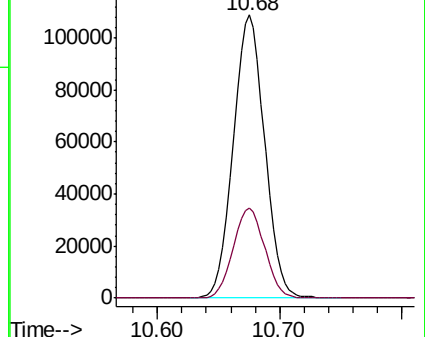
76 100

78 32.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN064779.D (-2765) (-)

Ion 77.90 (77.60 to 78.60): VN064779.D (-2765) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 247.559 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN064935.D

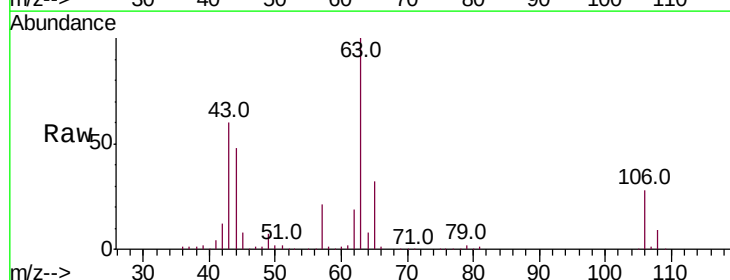
Acq: 7 Dec 2020 10:30

Tgt Ion: 63 Resp: 443430

Ion Ratio Lower Upper

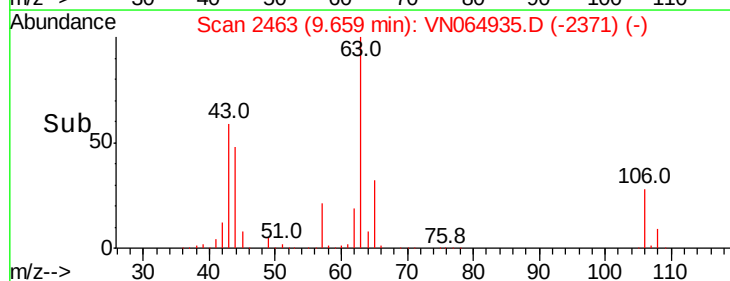
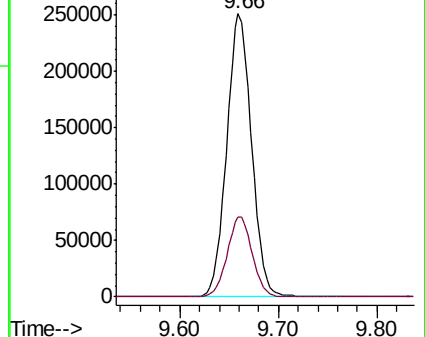
63 100

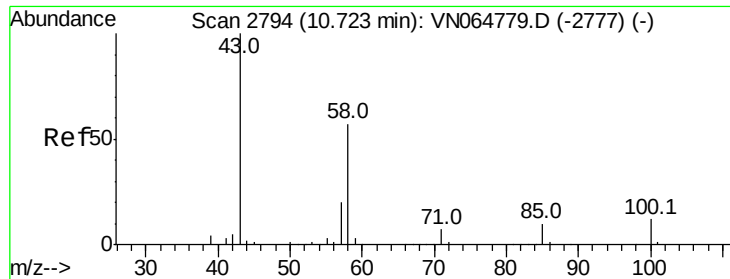
106 28.5 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN064779.D (-2449) (-)

Ion 105.90 (105.60 to 106.60): VN064779.D (-2449) (-)





#59

2-Hexanone

Concen: 244.682 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VN064935.D

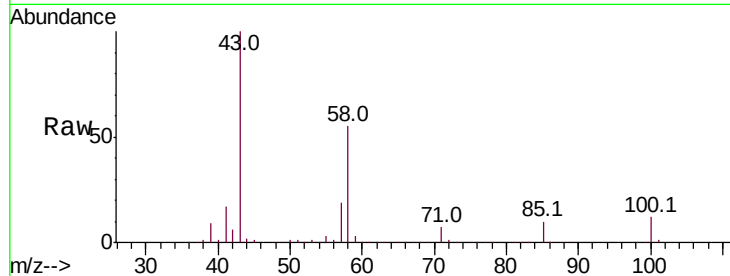
Acq: 7 Dec 2020 10:30

Tot Ion: 43 Resp: 498281

Ion Ratio Lower Upper

43 100

58 56.0 28.3 84.9



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2777) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2777) (-)

10.72

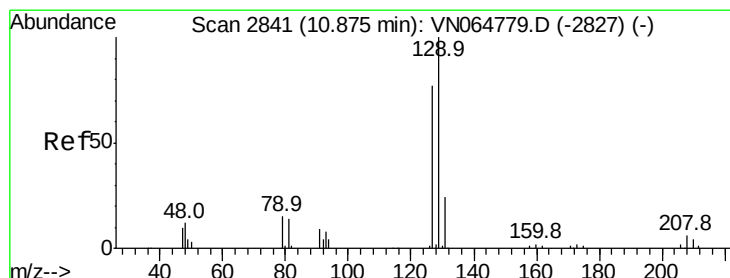
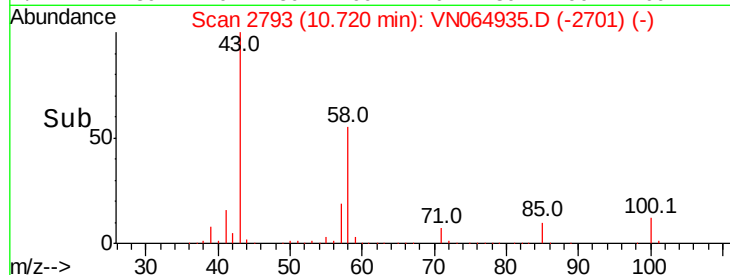
300000

200000

100000

0

Time-->



#60

Dibromochloromethane

Concen: 51.683 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064935.D

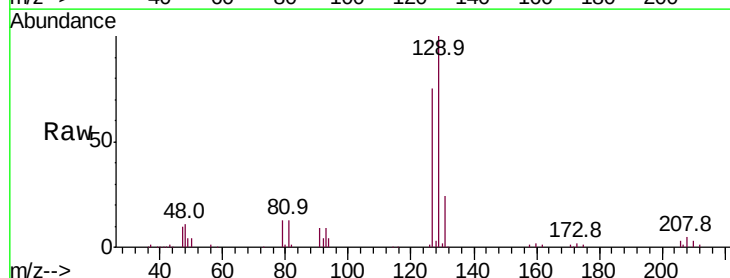
Acq: 7 Dec 2020 10:30

Tgt Ion: 129 Resp: 135566

Ion Ratio Lower Upper

129 100

127 76.4 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): VN064779.D (-2827) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2827) (-)

10.87

80000

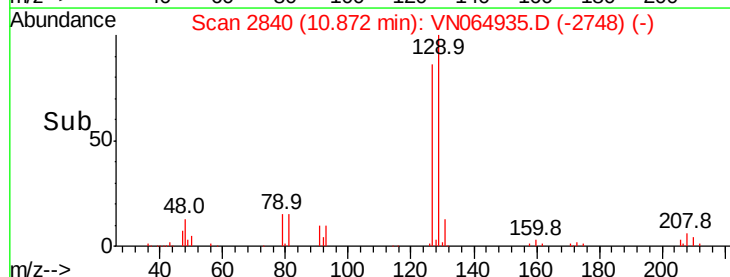
60000

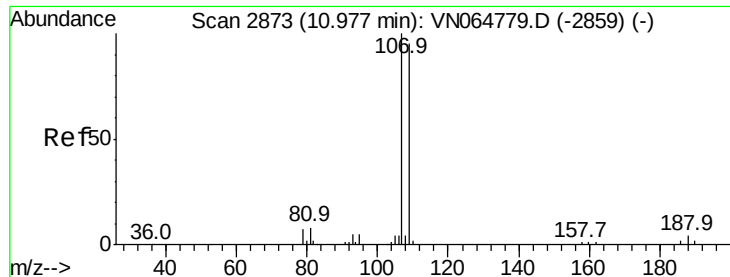
40000

20000

0

Time-->





#61

1,2-Dibromoethane

Concen: 49.278 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064935.D

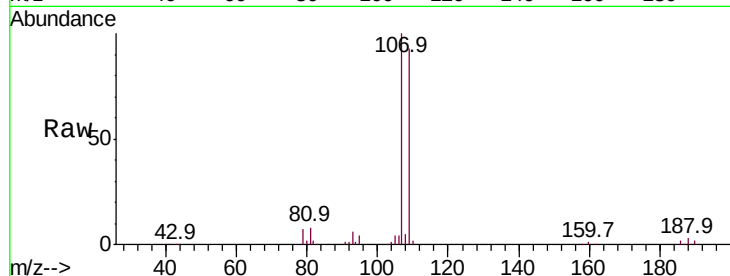
Acq: 7 Dec 2020 10:30

Tot Ion: 107 Resp: 118140

Ion Ratio Lower Upper

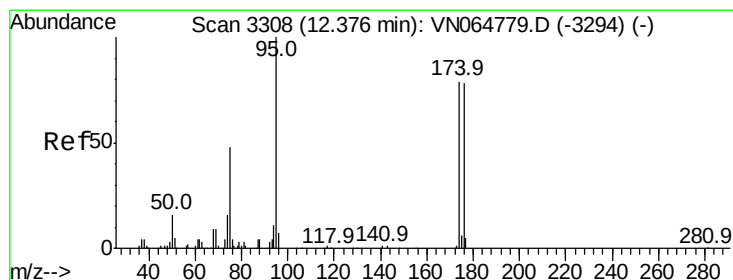
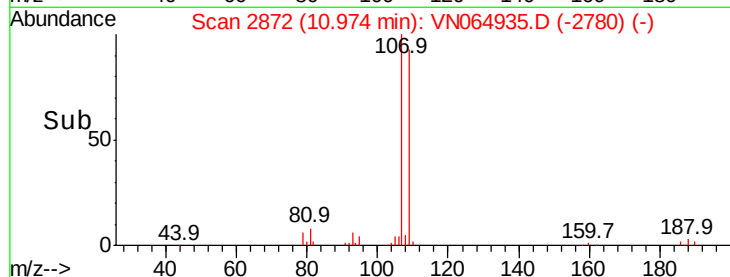
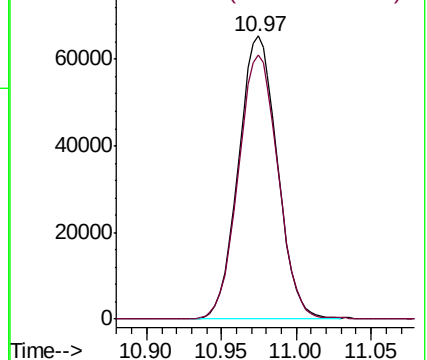
107 100

109 95.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.518 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

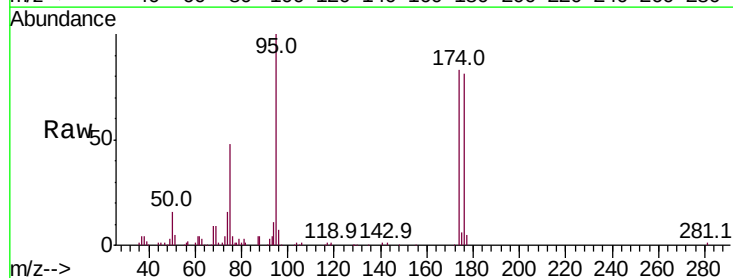
Tgt Ion: 95 Resp: 142141

Ion Ratio Lower Upper

95 100

174 83.7 0.0 160.4

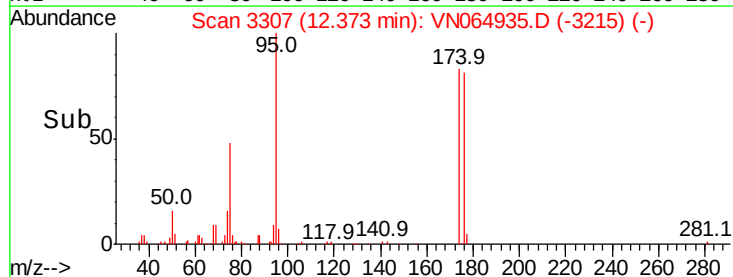
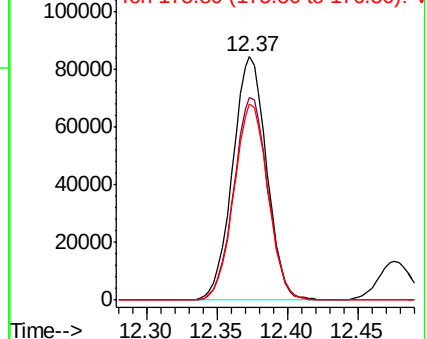
176 80.7 0.0 158.4

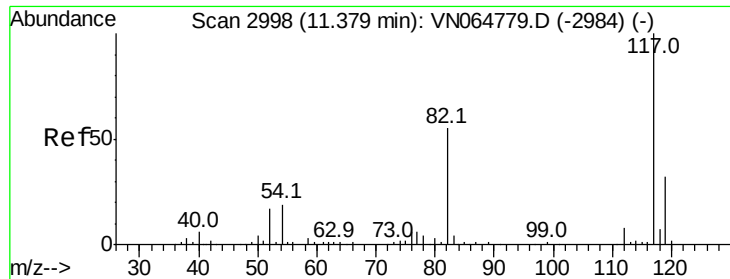


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

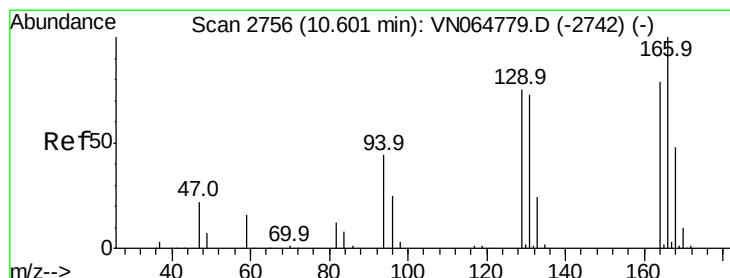
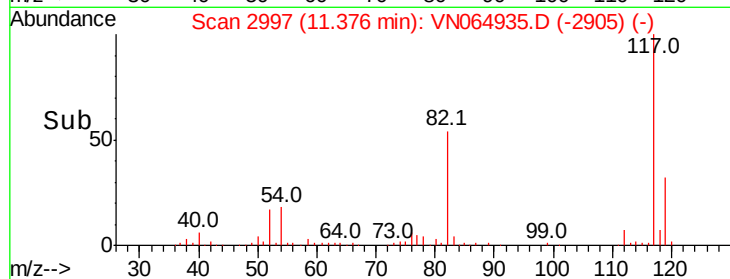
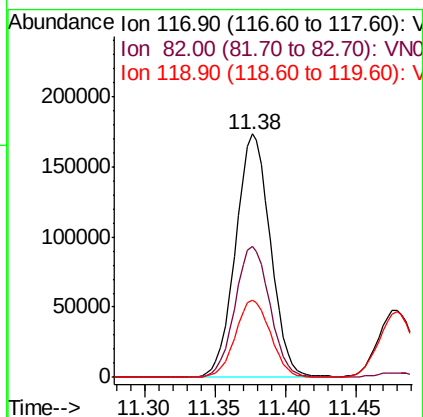
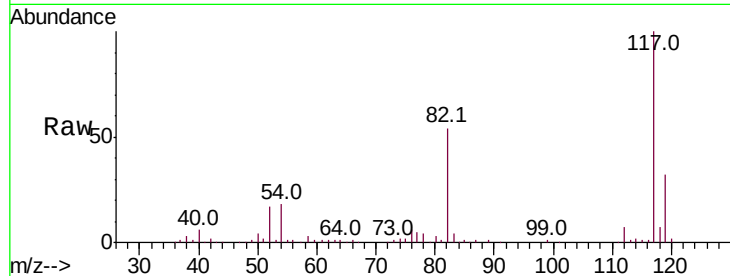
Ion 175.80 (175.50 to 176.50): V





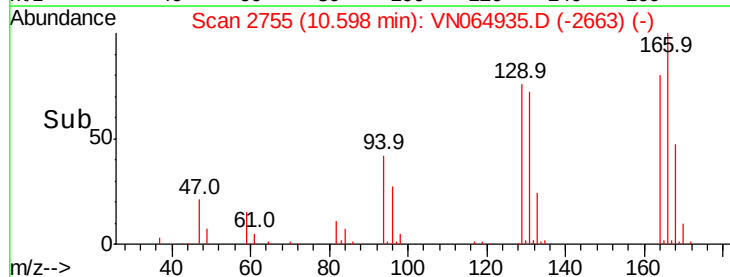
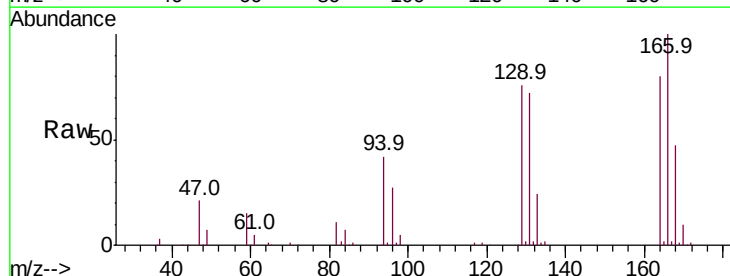
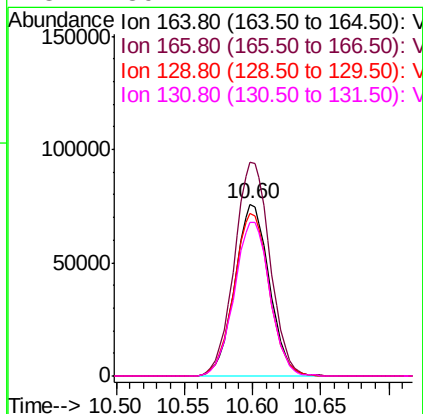
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2997  
Delta R.T. -0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

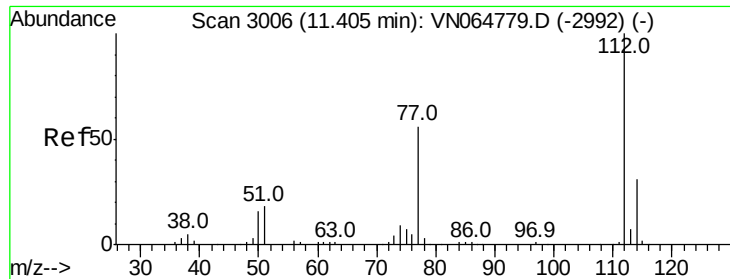
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.9  | 44.2  | 66.2  |
| 119     | 31.7  | 25.8  | 38.6  |



#64  
Tetrachloroethene  
Concen: 45.661 ug/l  
RT: 10.60 min Scan# 2755  
Delta R.T. -0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

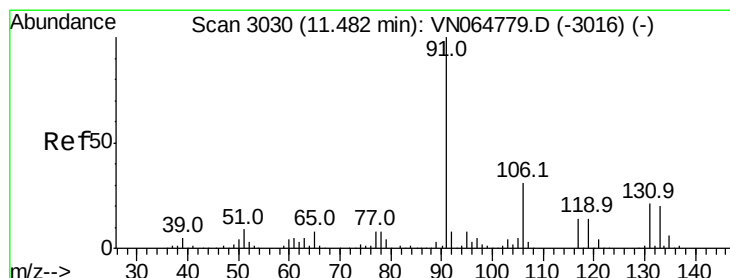
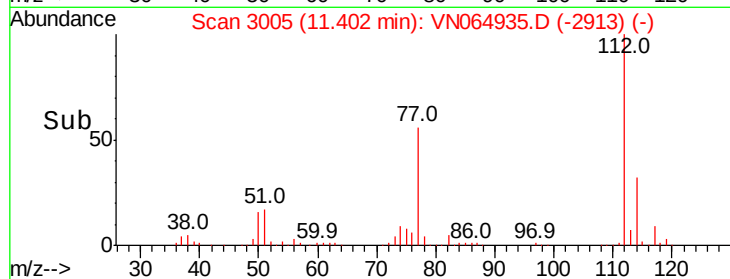
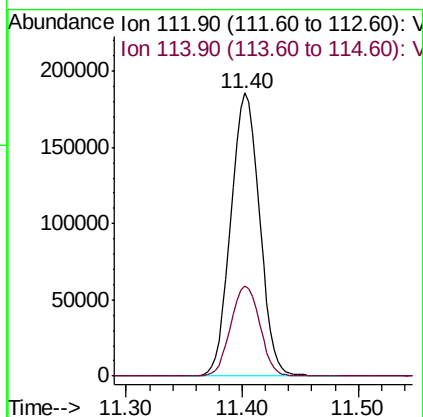
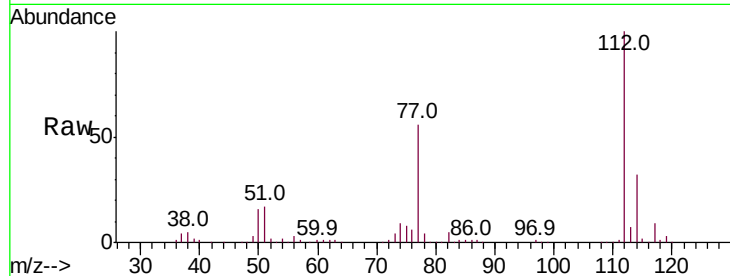
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 124.5 | 101.4 | 152.0 |
| 129     | 94.8  | 76.1  | 114.1 |
| 131     | 89.7  | 74.2  | 111.2 |





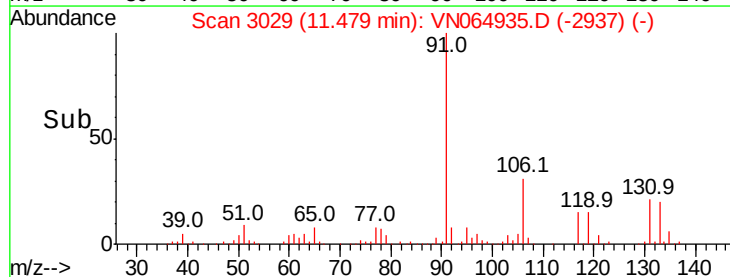
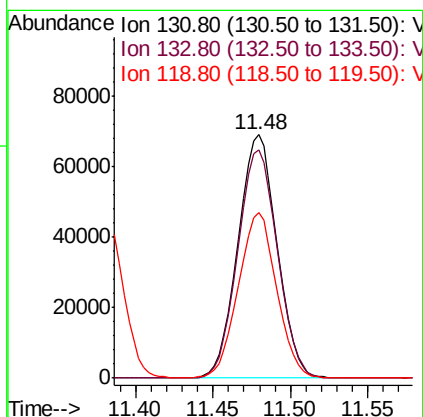
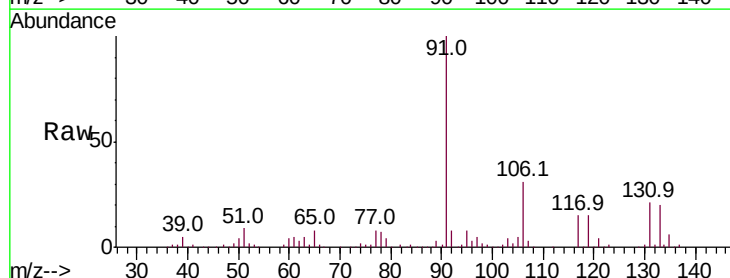
#65  
Chlorobenzene  
Concen: 49.392 ug/l  
RT: 11.40 min Scan# 3005  
Delta R.T. -0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

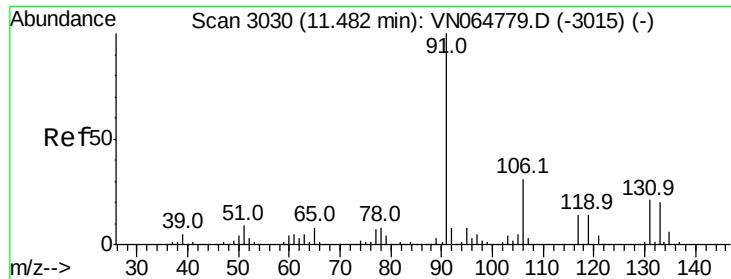
Tot Ion:112 Resp: 318296  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.164 ug/l  
RT: 11.48 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

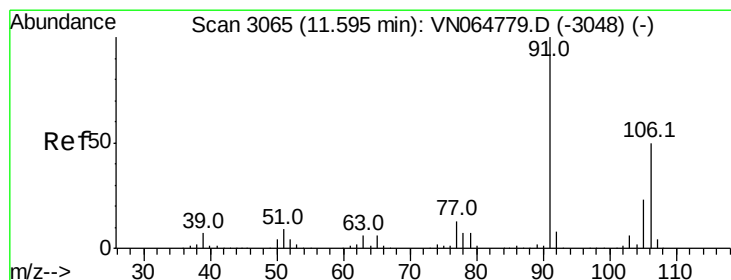
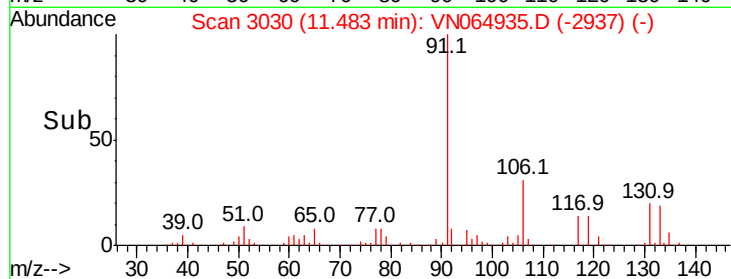
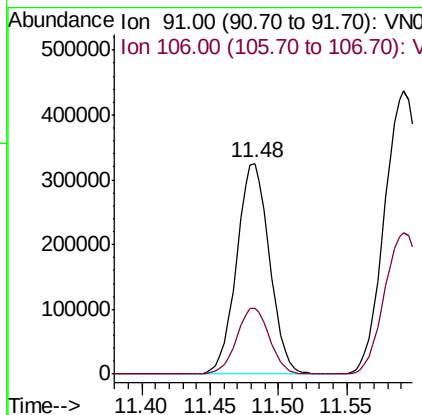
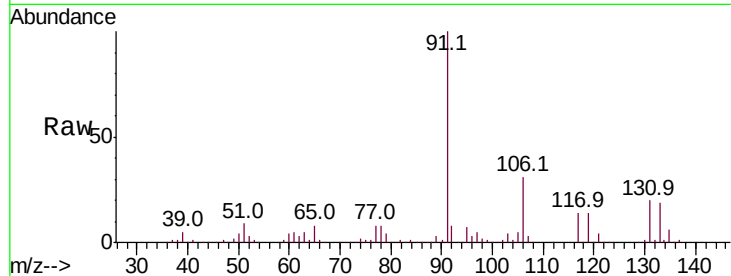
Tgt Ion:131 Resp: 121172  
Ion Ratio Lower Upper  
131 100  
133 95.3 47.5 142.5  
119 66.8 33.3 99.8





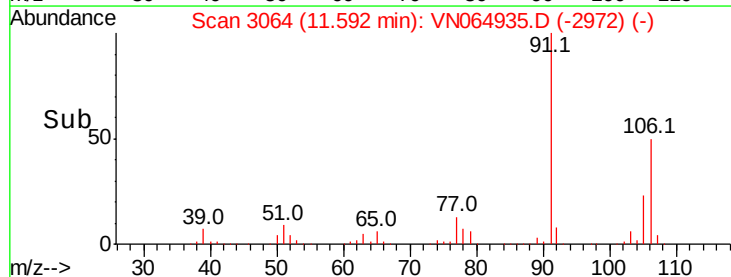
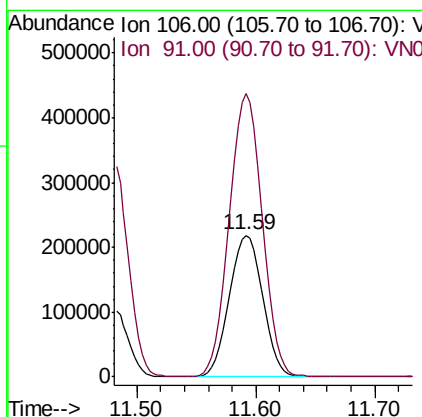
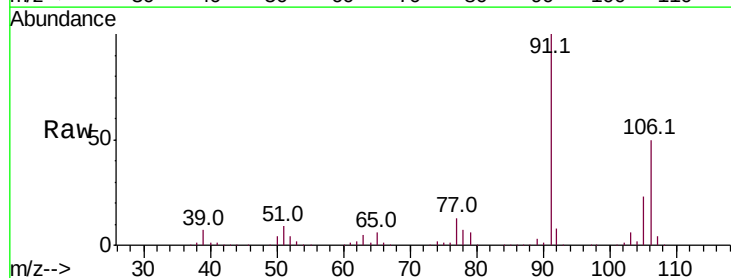
#67  
Ethyl Benzene  
Concen: 50.481 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

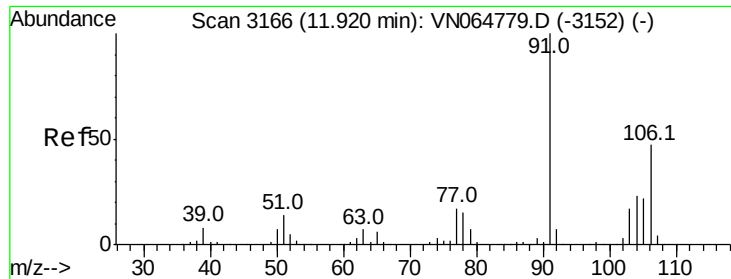
Tot Ion: 91 Resp: 543458  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.2 37.8



#68  
m/p-Xylenes  
Concen: 104.357 ug/l  
RT: 11.59 min Scan# 3064  
Delta R.T. -0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

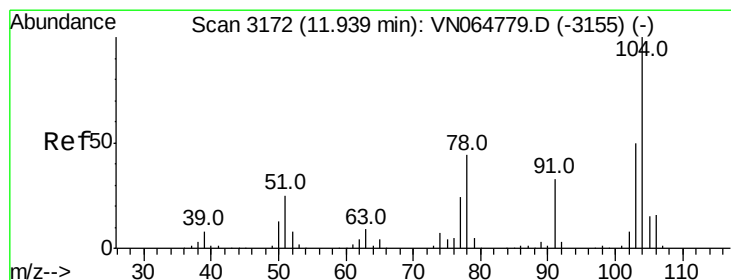
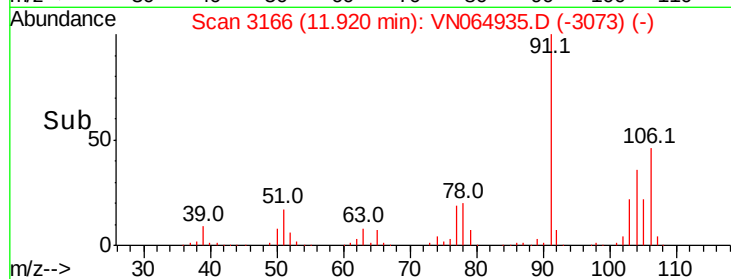
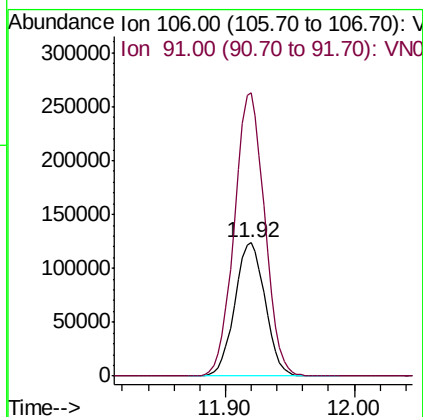
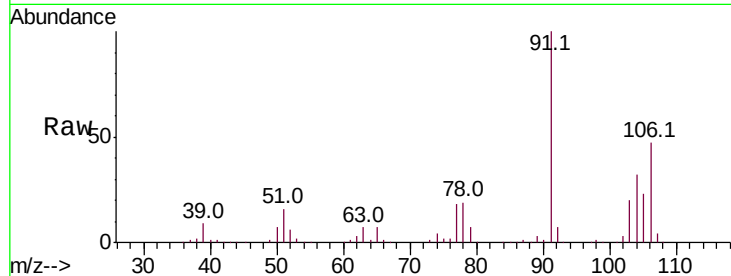
Tgt Ion: 106 Resp: 425353  
Ion Ratio Lower Upper  
106 100  
91 197.9 161.0 241.4





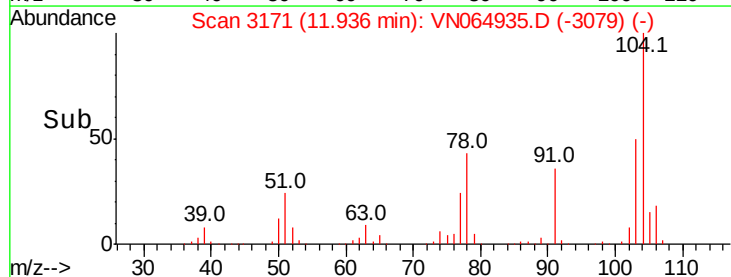
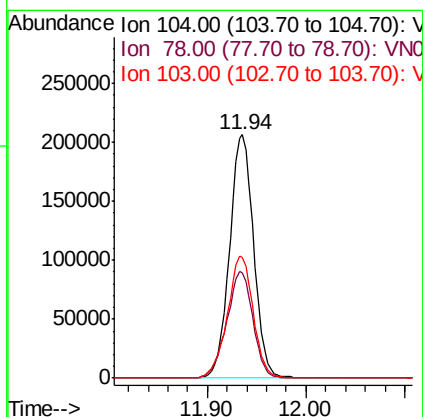
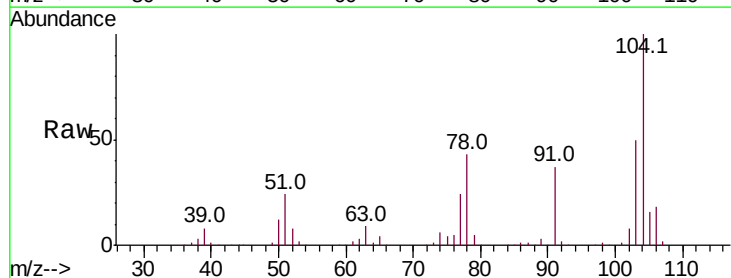
#69  
o-Xylene  
Concen: 52.495 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. 0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

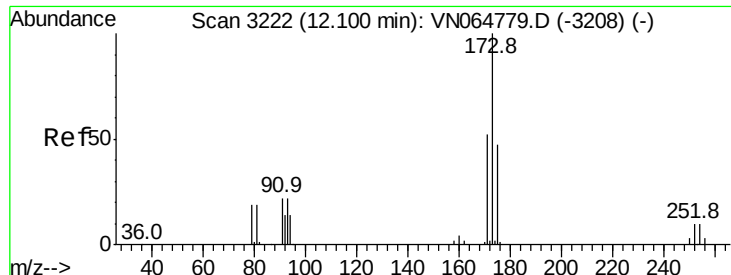
Tot Ion:106 Resp: 203045  
Ion Ratio Lower Upper  
106 100  
91 211.9 105.5 316.5



#70  
Styrene  
Concen: 53.985 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. -0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

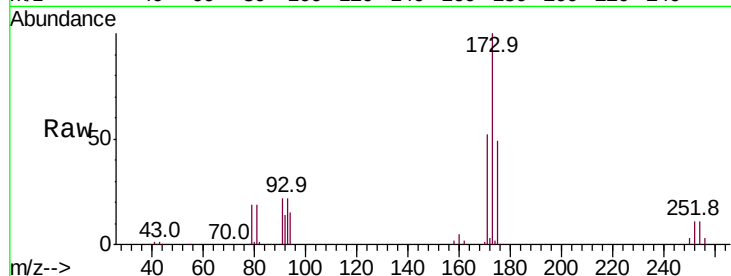
Tgt Ion:104 Resp: 352498  
Ion Ratio Lower Upper  
104 100  
78 47.9 39.0 58.6  
103 53.7 44.3 66.5



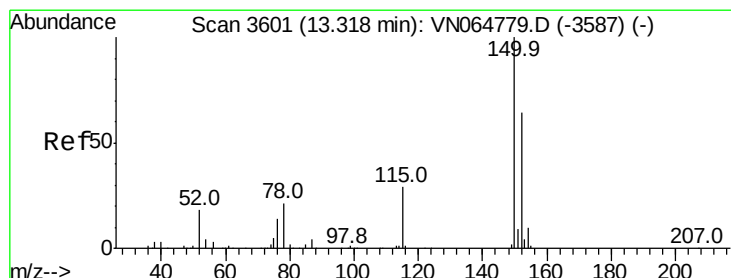
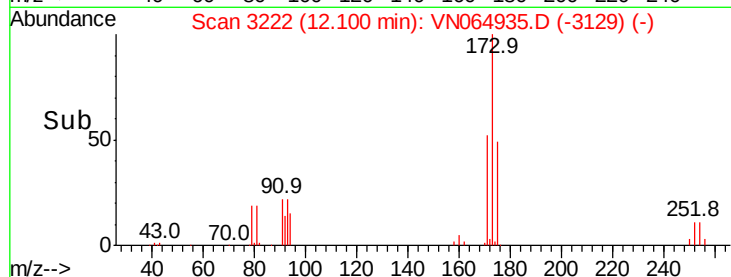
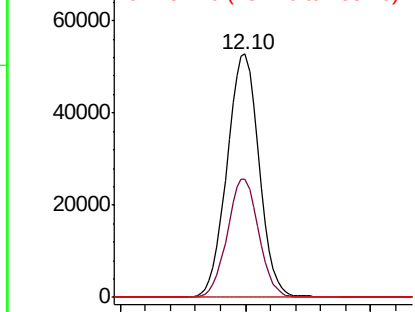


#71  
Bromoform  
Concen: 49.475 ug/l  
RT: 12.10 min Scan# 3222  
Delta R.T. 0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

Tot Ion:173 Resp: 93586  
Ion Ratio Lower Upper  
173 100  
175 47.4 24.3 72.8  
254 0.0 0.0 0.0

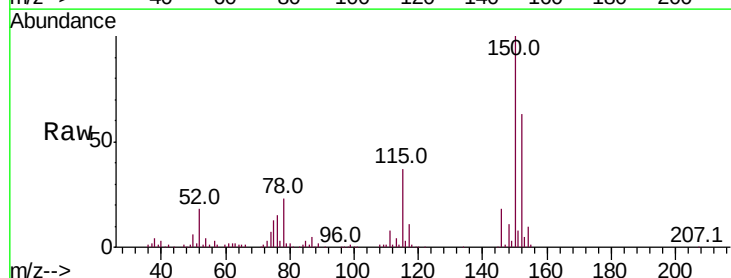


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

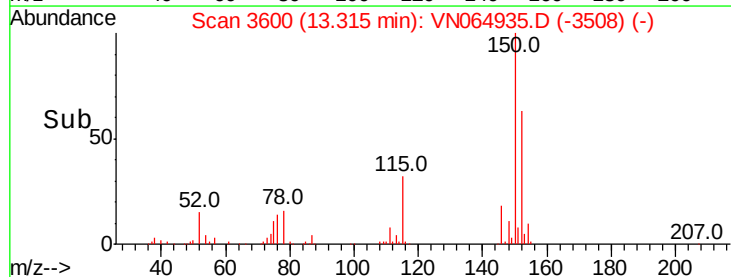
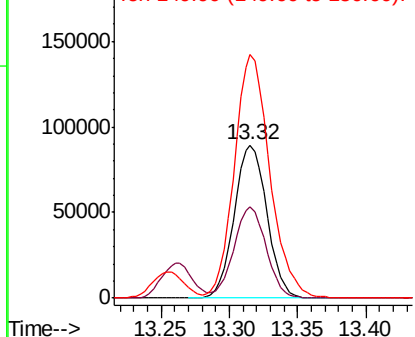


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3600  
Delta R.T. -0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

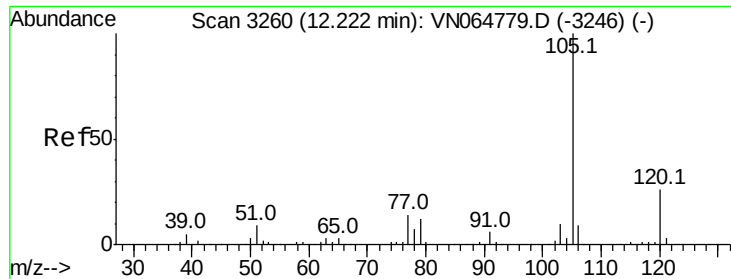
Tgt Ion:152 Resp: 149092  
Ion Ratio Lower Upper  
152 100  
115 58.6 29.7 89.1  
150 171.7 0.0 350.6



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: 51.005 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064935.D

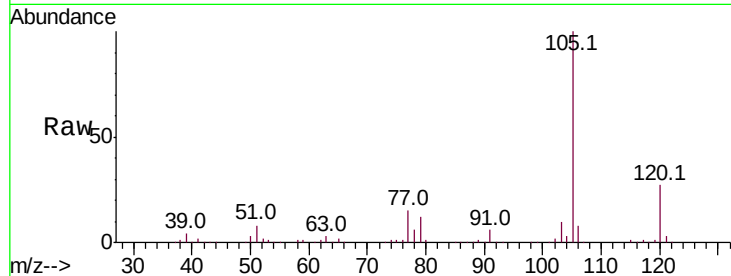
Acq: 7 Dec 2020 10:30

Tot Ion:105 Resp: 528945

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

300000

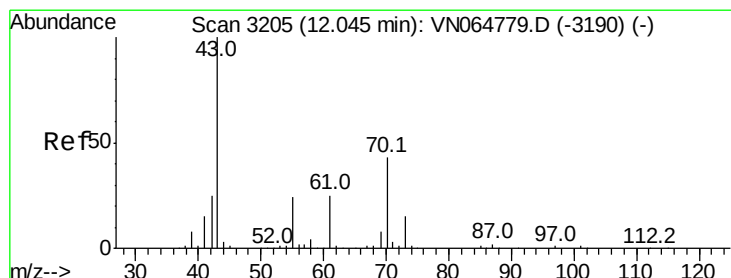
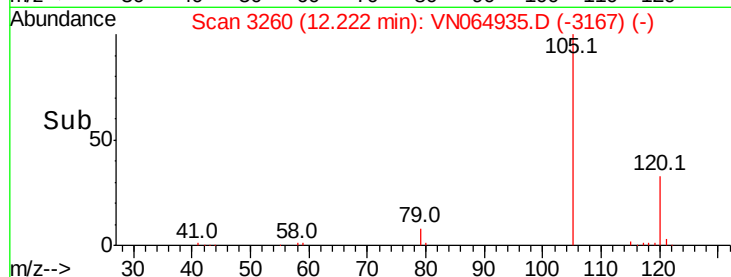
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 48.293 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

Tgt Ion: 43 Resp: 197092

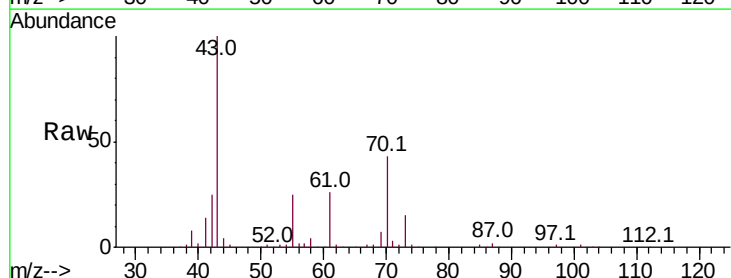
Ion Ratio Lower Upper

43 100

70 44.1 34.5 51.7

55 25.3 20.4 30.6

61 24.6 20.0 30.0



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

200000

150000

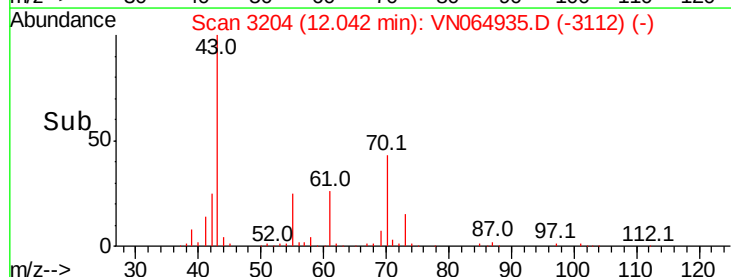
100000

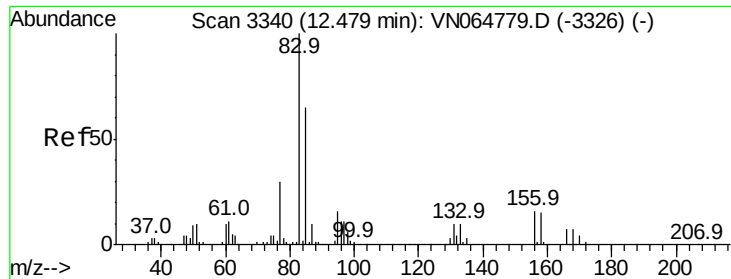
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 48.043 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

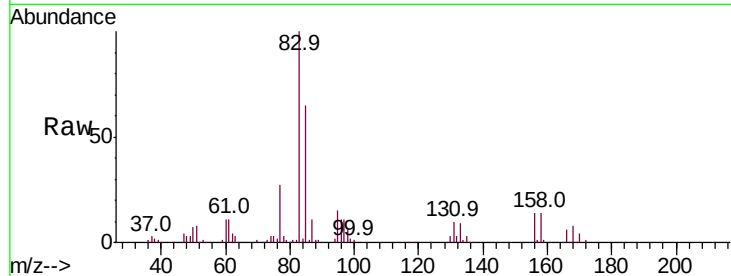
Tot Ion: 83 Resp: 146032

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

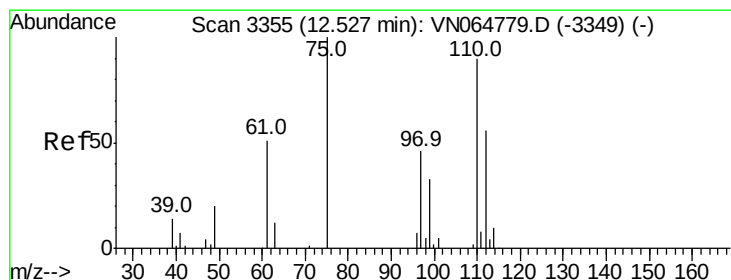
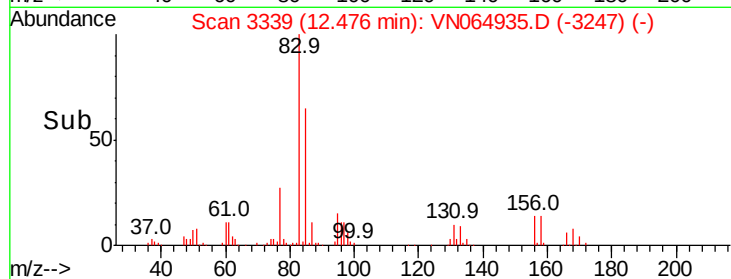
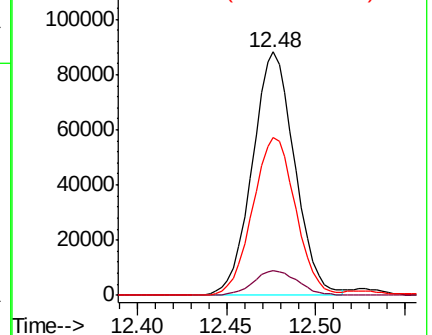
85 65.8 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN064779.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 65.057 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064935.D

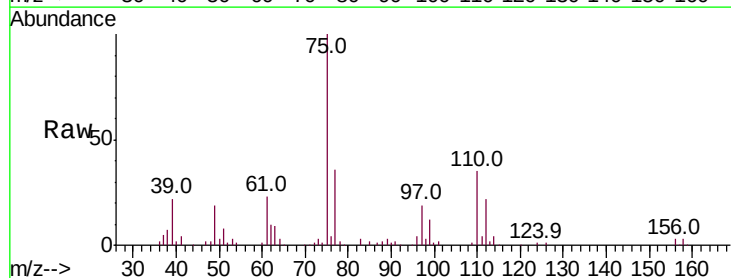
Acq: 7 Dec 2020 10:30

Tgt Ion: 75 Resp: 208886

Ion Ratio Lower Upper

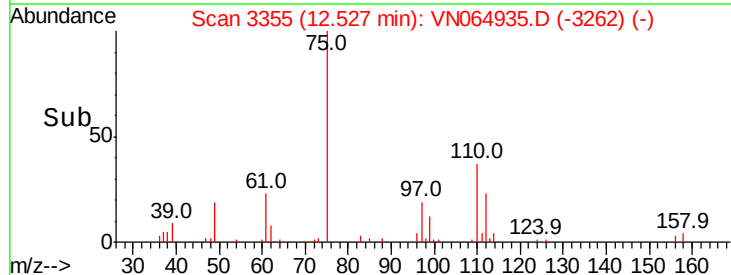
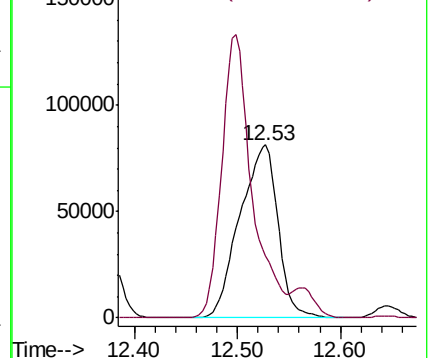
75 100

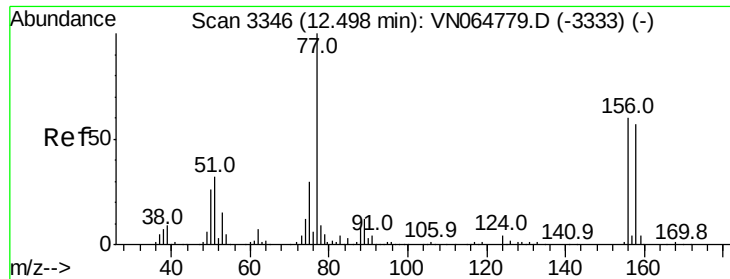
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)





#77

Bromobenzene

Concen: 48.898 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

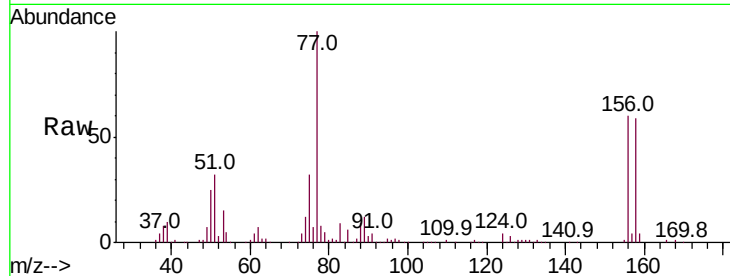
Tot Ion:156 Resp: 136712

Ion Ratio Lower Upper

156 100

77 198.9 101.3 303.7

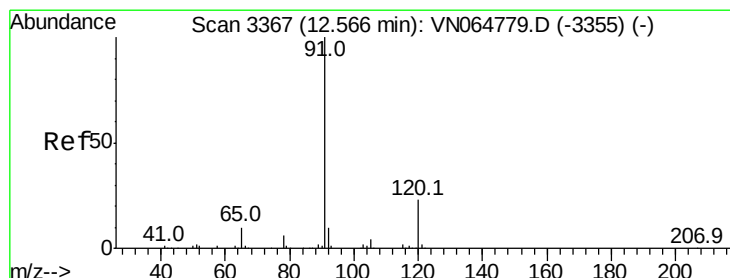
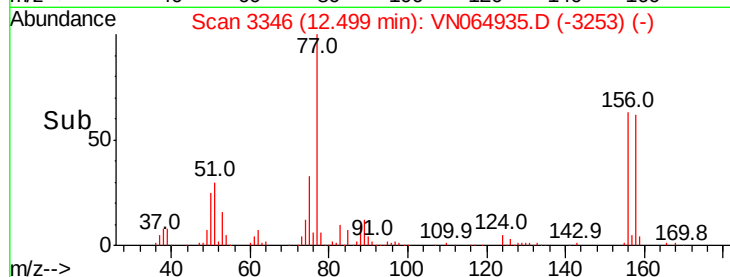
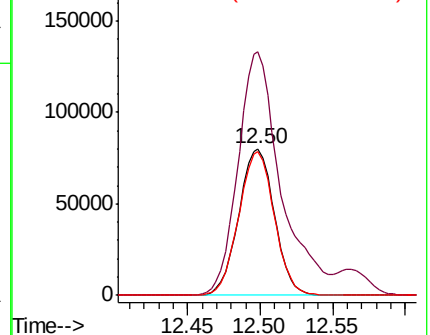
158 98.2 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.598 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064935.D

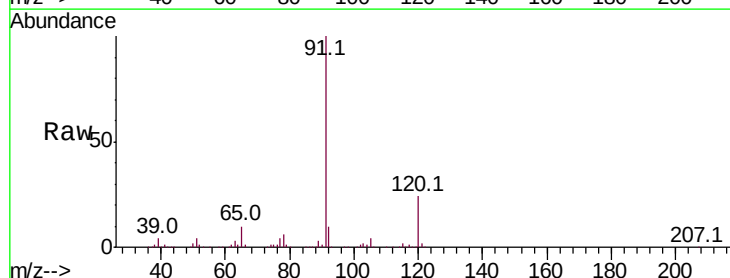
Acq: 7 Dec 2020 10:30

Tgt Ion: 91 Resp: 597757

Ion Ratio Lower Upper

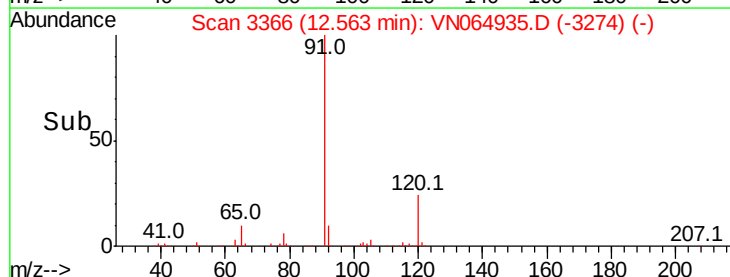
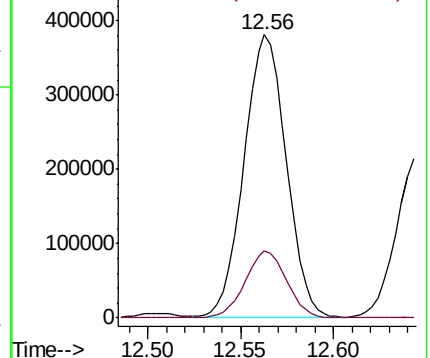
91 100

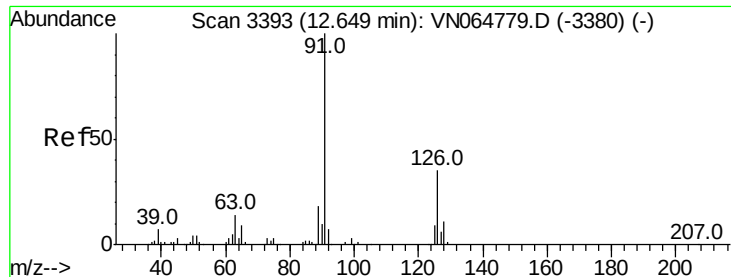
120 23.6 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.800 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064935.D

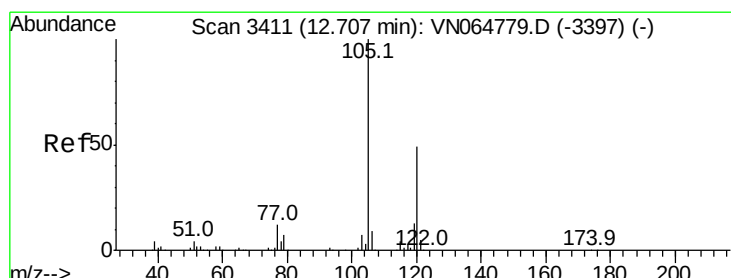
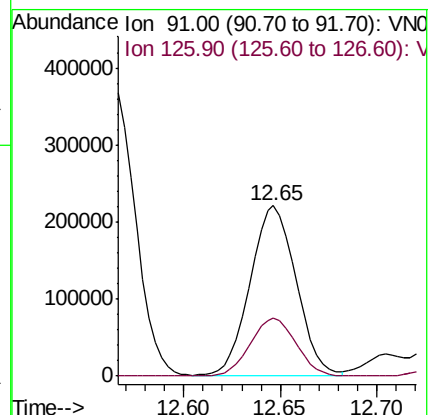
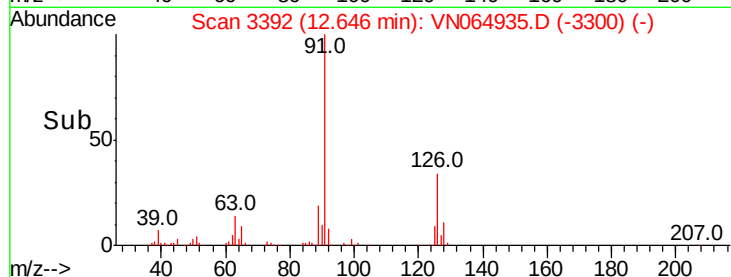
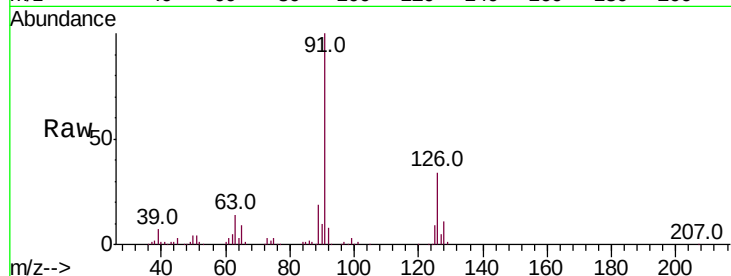
Acq: 7 Dec 2020 10:30

Tot Ion: 91 Resp: 363676

Ion Ratio Lower Upper

91 100

126 34.3 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 52.596 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064935.D

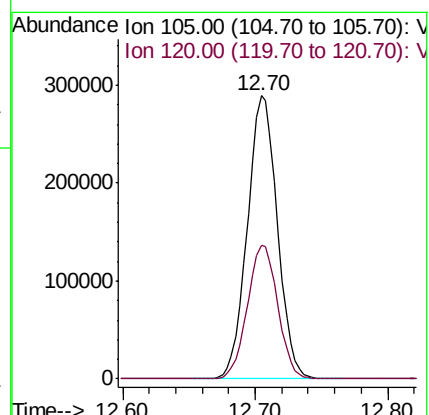
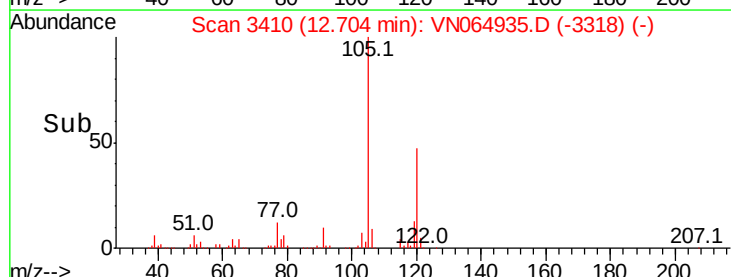
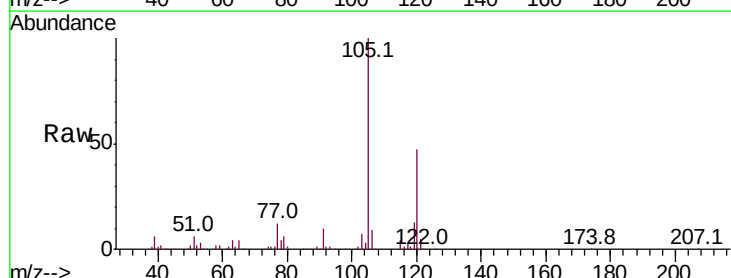
Acq: 7 Dec 2020 10:30

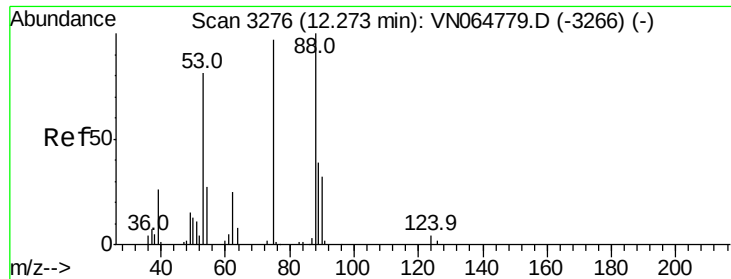
Tgt Ion: 105 Resp: 453365

Ion Ratio Lower Upper

105 100

120 47.9 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.236 ug/l

RT: 12.27 min Scan# 3276

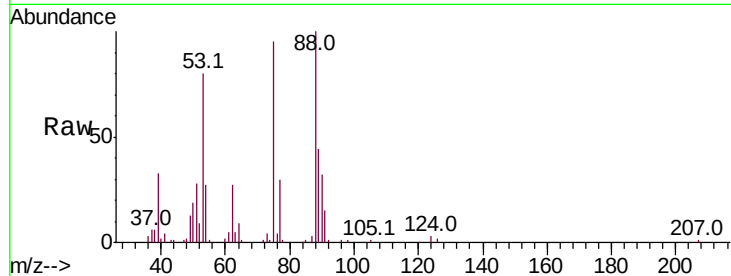
Delta R.T. 0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

Tot Ion: 75 Resp: 55337

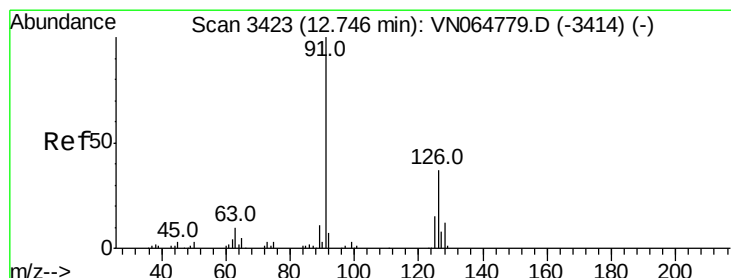
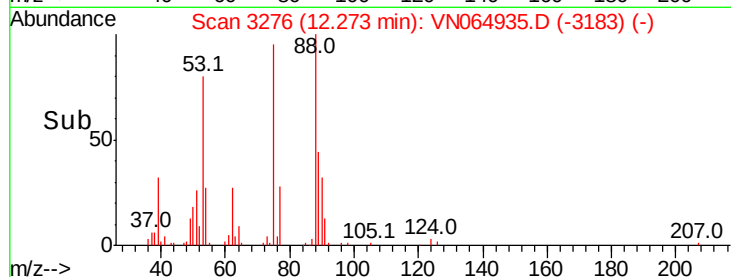
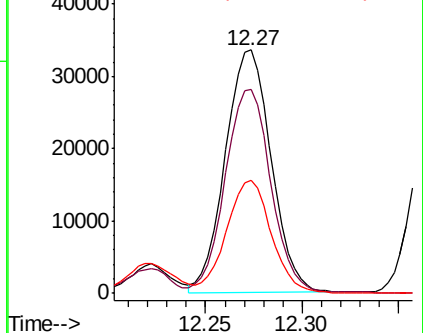
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 84.7  | 67.0  | 100.4 |
| 89  | 45.6  | 39.6  | 59.4  |



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 50.191 ug/l

RT: 12.74 min Scan# 3422

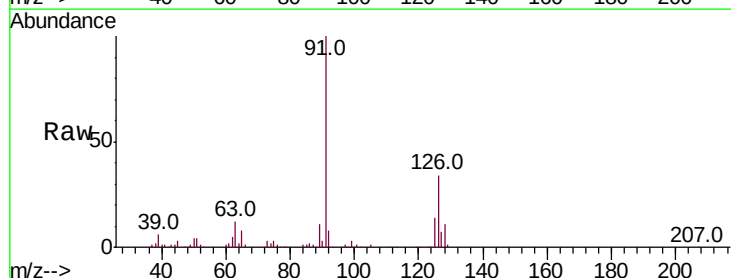
Delta R.T. -0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

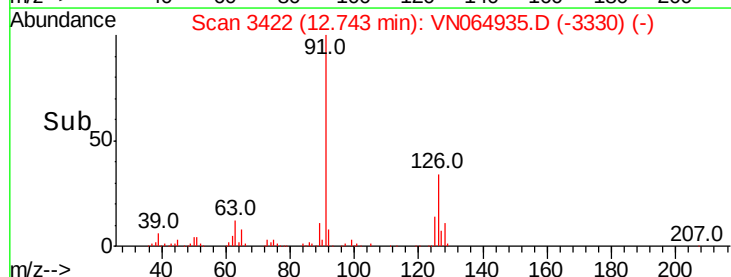
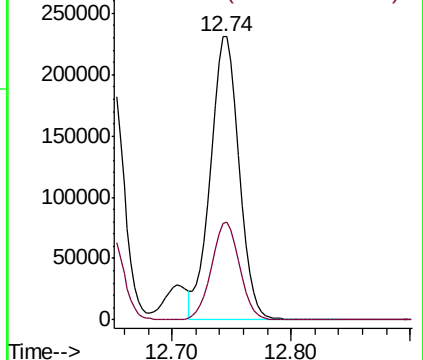
Tgt Ion: 91 Resp: 384193

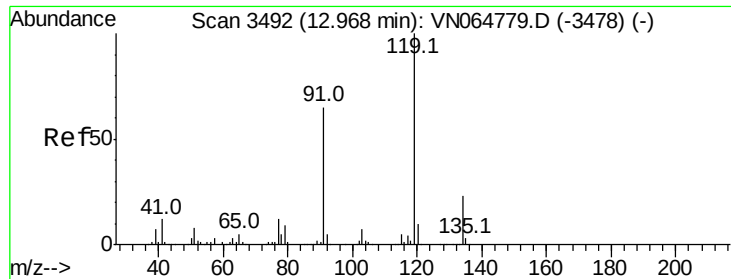
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 33.8  | 16.9  | 50.7  |



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.606 ug/l

RT: 12.96 min Scan# 3491

Delta R.T. -0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

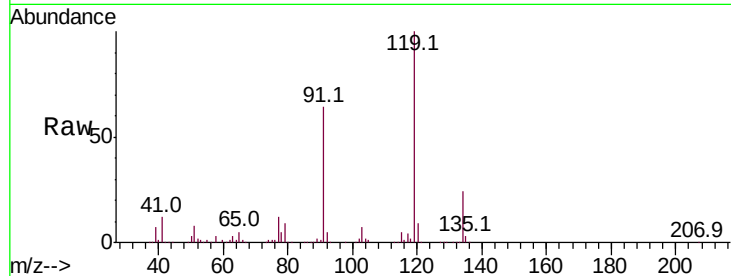
Tot Ion:119 Resp: 365635

Ion Ratio Lower Upper

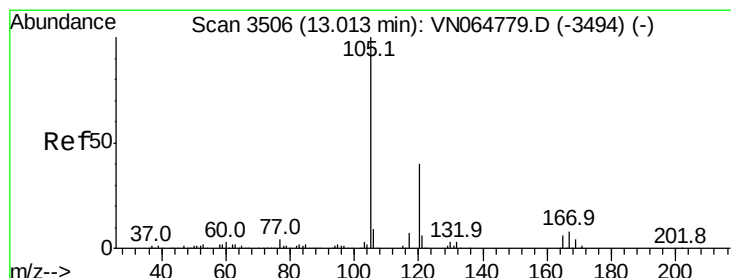
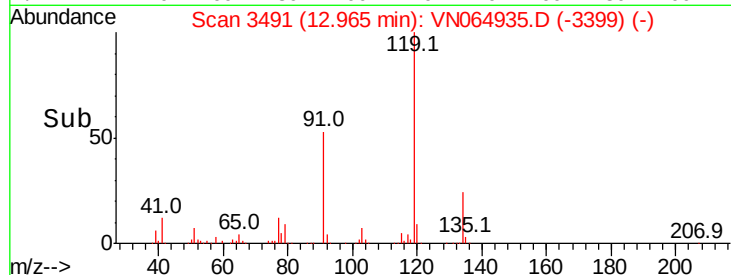
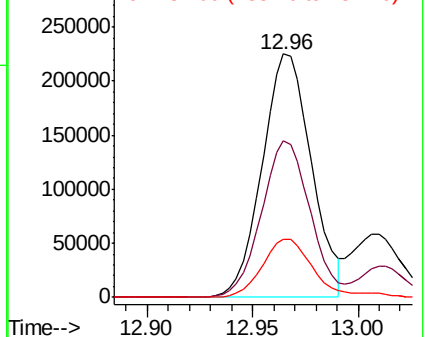
119 100

91 63.5 32.3 96.8

134 25.3 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.780 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN064935.D

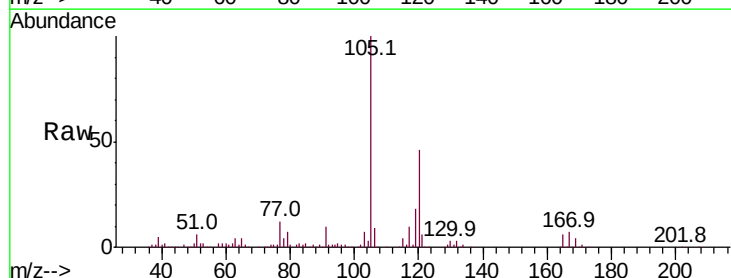
Acq: 7 Dec 2020 10:30

Tgt Ion:105 Resp: 459991

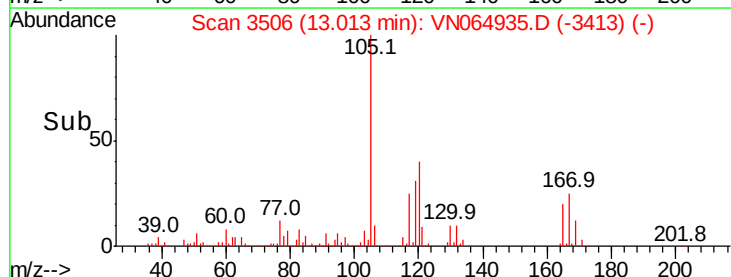
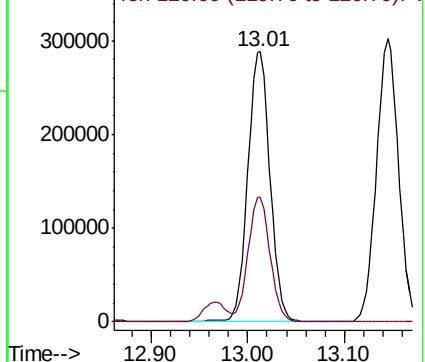
Ion Ratio Lower Upper

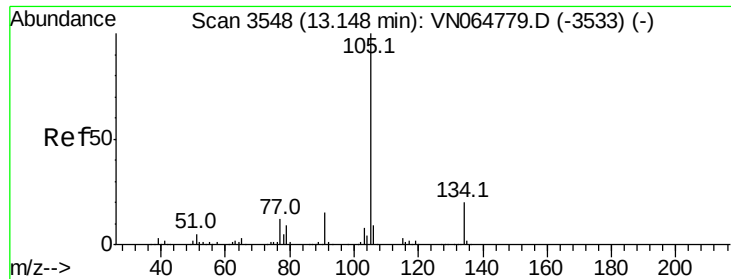
105 100

120 45.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.867 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064935.D

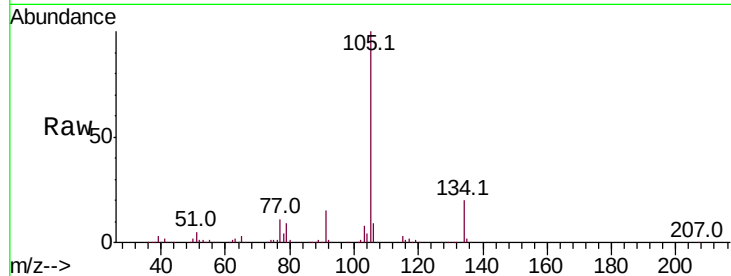
Acq: 7 Dec 2020 10:30

Tot Ion:105 Resp: 478377

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

300000

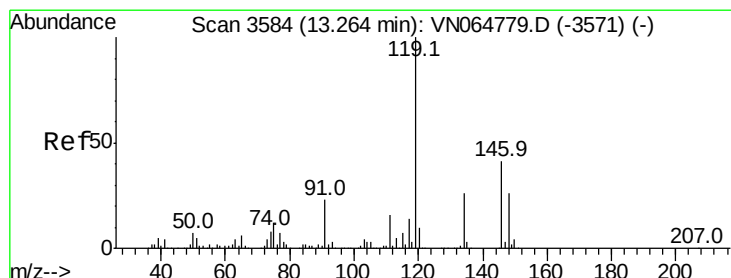
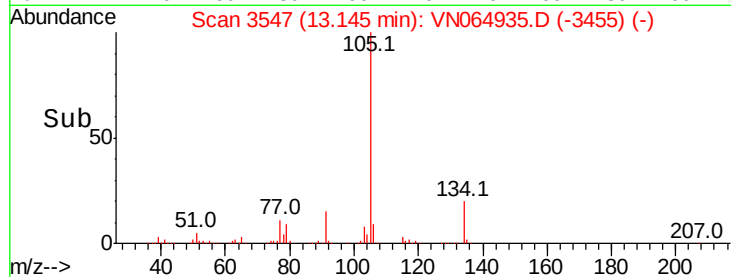
200000

100000

0

13.10 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 51.493 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

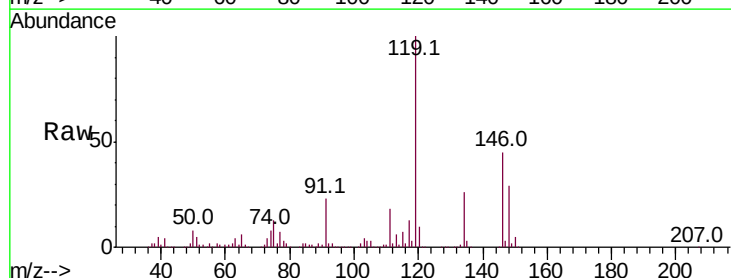
Tgt Ion:119 Resp: 449729

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 22.4 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

400000

300000

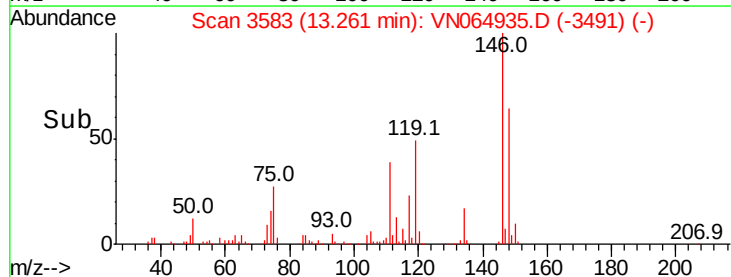
200000

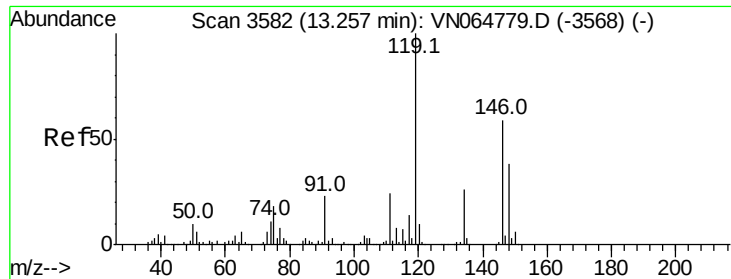
100000

0

13.20 13.25 13.30 13.35

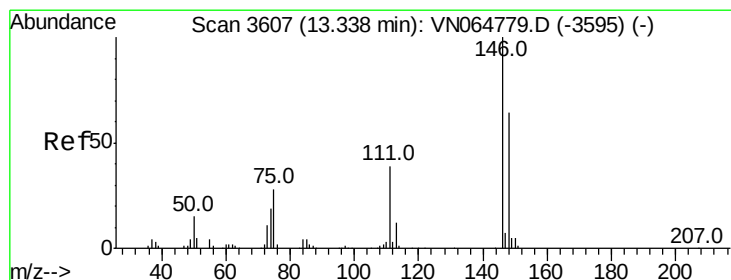
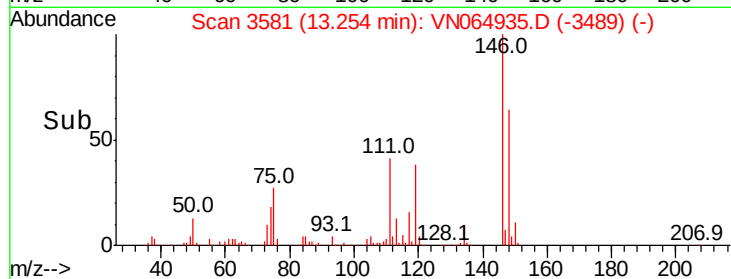
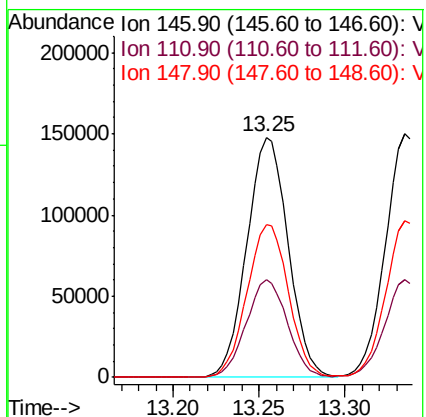
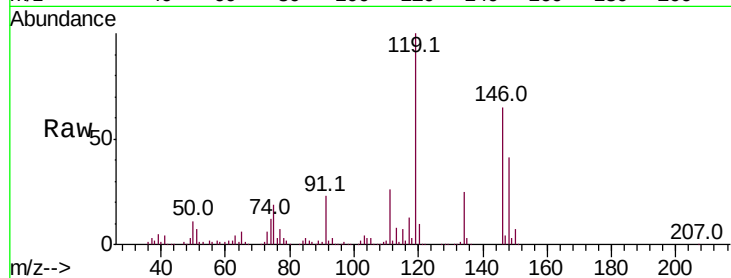
Time-->





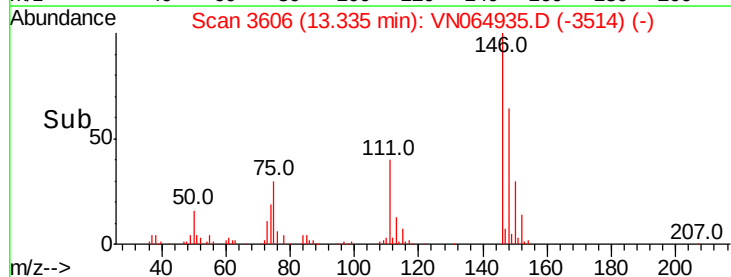
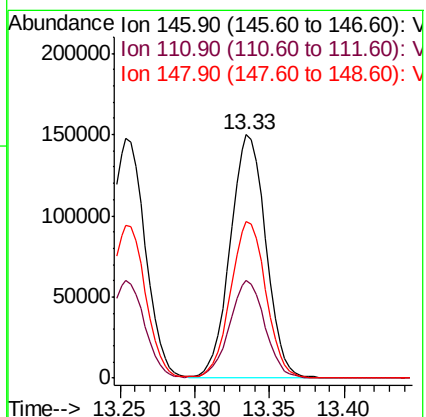
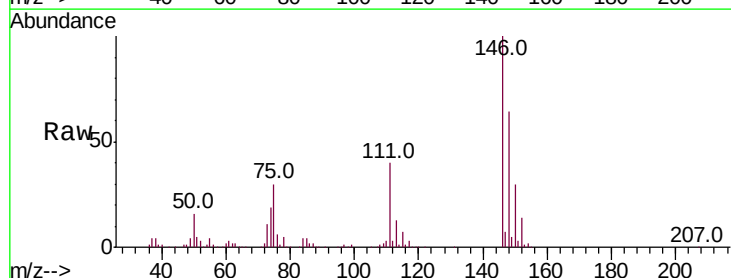
#87  
 1,3-Dichlorobenzene  
 Concen: 49.491 ug/l  
 RT: 13.25 min Scan# 3581  
 Delta R.T. -0.00 min  
 Lab File: VN064935.D  
 Acq: 7 Dec 2020 10:30

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.5  | 20.6  | 61.9  |
| 148     | 63.9  | 31.9  | 95.5  |

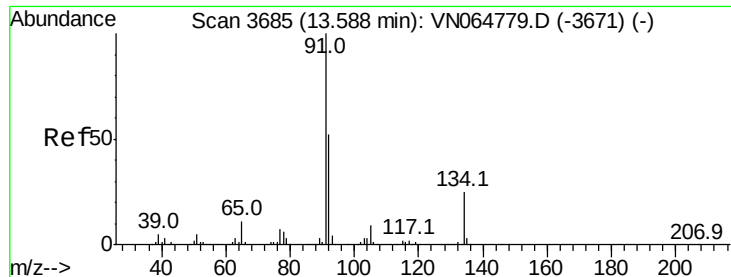


#88  
 1,4-Dichlorobenzene  
 Concen: 47.157 ug/l  
 RT: 13.33 min Scan# 3606  
 Delta R.T. -0.00 min  
 Lab File: VN064935.D  
 Acq: 7 Dec 2020 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.9  | 19.8  | 59.3  |
| 148     | 63.8  | 31.9  | 95.5  |

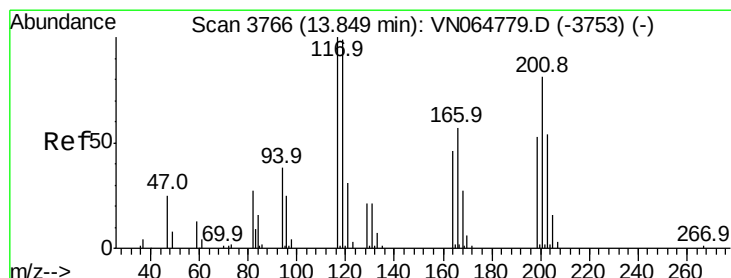
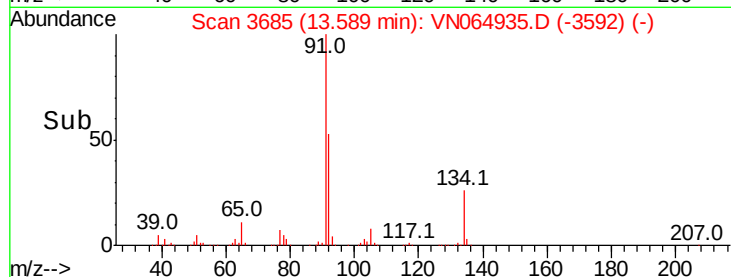
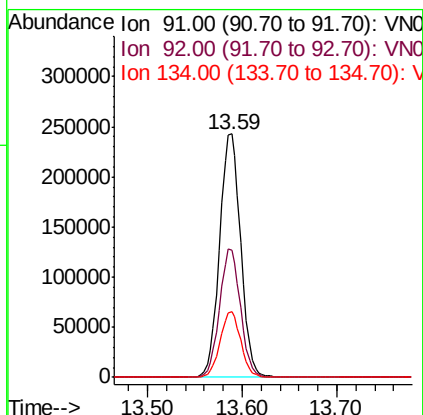
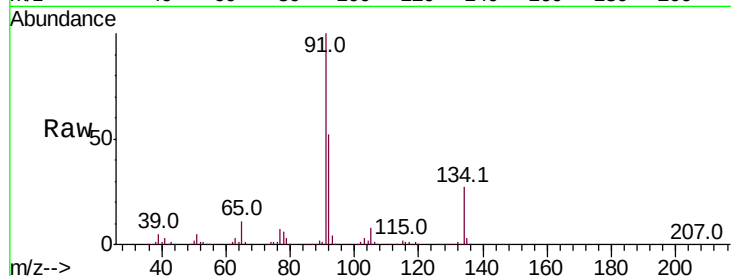






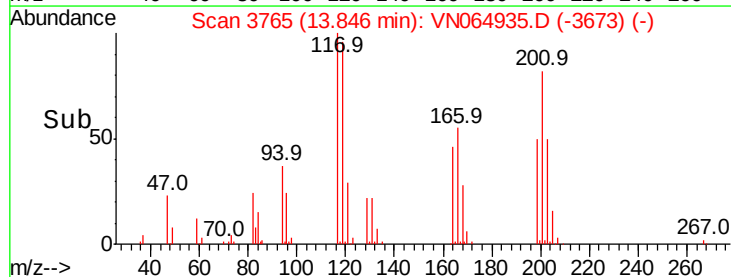
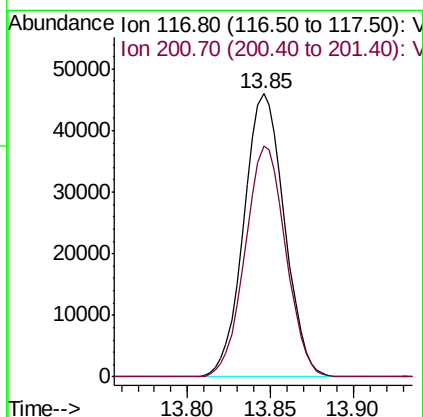
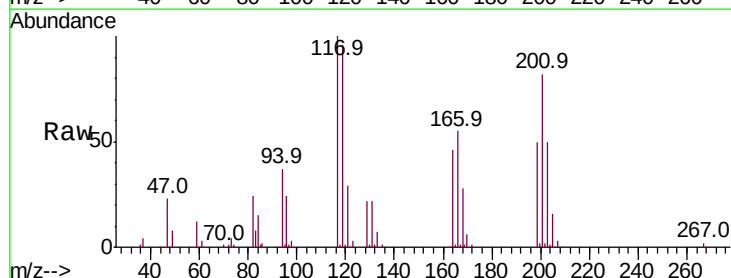
#89  
n-Butylbenzene  
Concen: 49.006 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. 0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

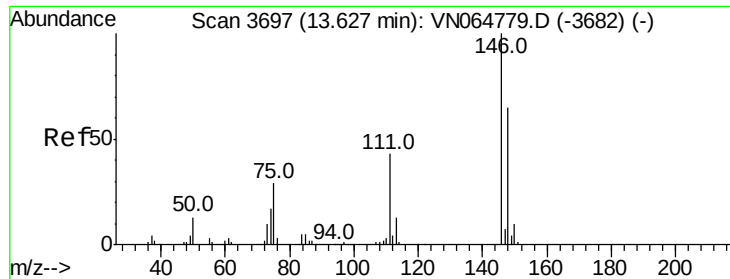
Tot Ion: 91 Resp: 375867  
Ion Ratio Lower Upper  
91 100  
92 52.2 26.0 78.0  
134 26.3 12.9 38.6



#90  
Hexachloroethane  
Concen: 51.619 ug/l  
RT: 13.85 min Scan# 3765  
Delta R.T. -0.00 min  
Lab File: VN064935.D  
Acq: 7 Dec 2020 10:30

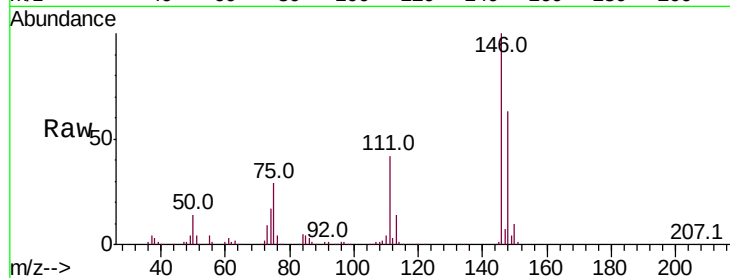
Tgt Ion: 117 Resp: 78317  
Ion Ratio Lower Upper  
117 100  
201 81.5 40.1 120.3





#91  
 1,2-Dichlorobenzene  
 Concen: 49.283 ug/l  
 RT: 13.62 min Scan# 3696  
 Delta R.T. -0.00 min  
 Lab File: VN064935.D  
 Acq: 7 Dec 2020 10:30

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.5  | 21.1  | 63.1  |
| 148     | 64.0  | 32.0  | 96.2  |

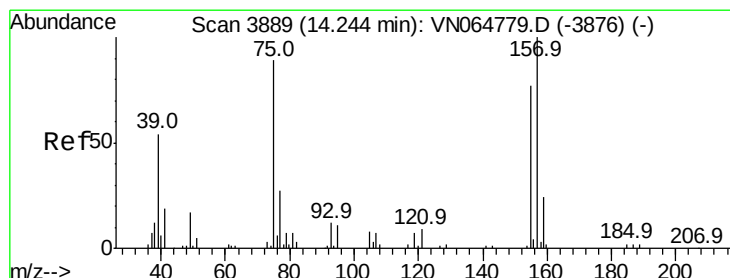
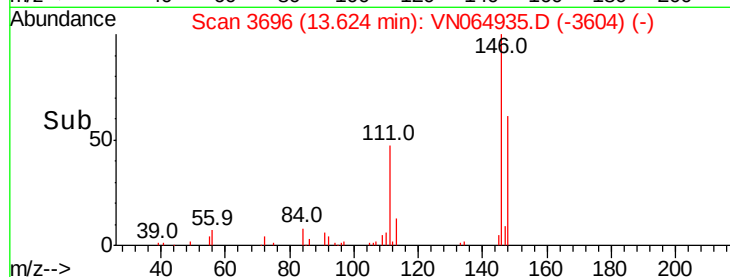
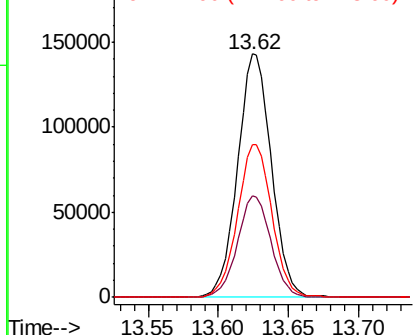


Abundance

Ion 145.90 (145.60 to 146.60): V

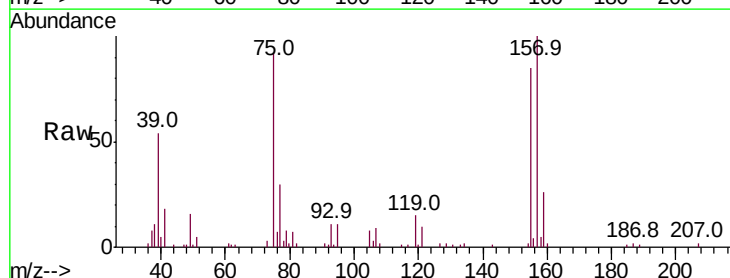
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 43.013 ug/l  
 RT: 14.24 min Scan# 3888  
 Delta R.T. -0.00 min  
 Lab File: VN064935.D  
 Acq: 7 Dec 2020 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 91.8  | 42.8  | 128.3 |
| 157     | 110.7 | 56.4  | 169.1 |

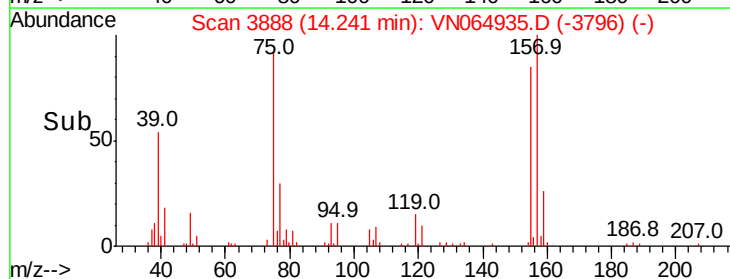
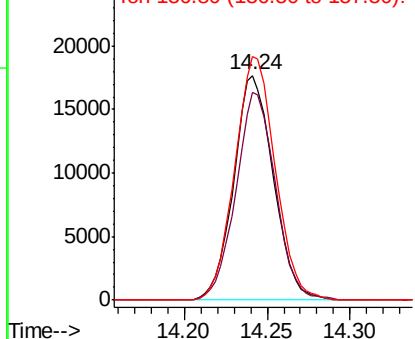


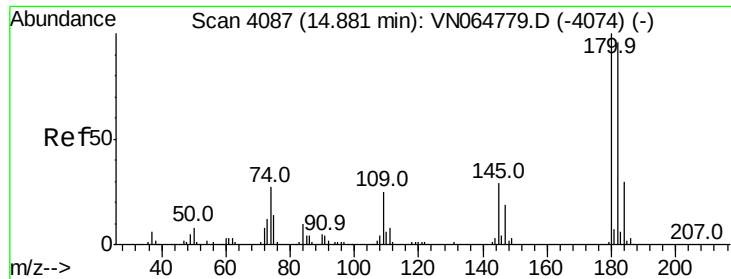
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

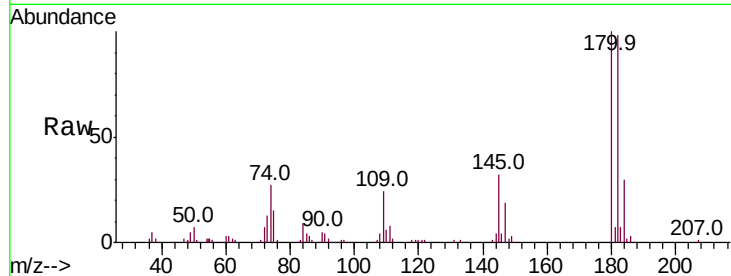
Ion 156.80 (156.50 to 157.50): V



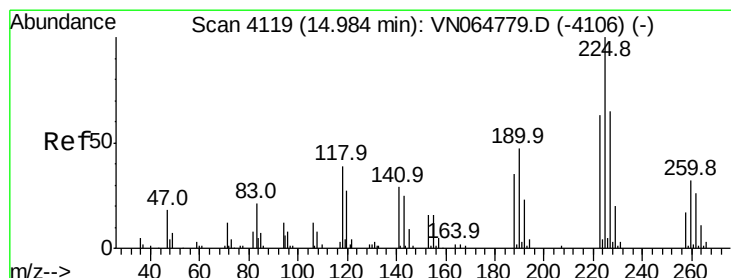
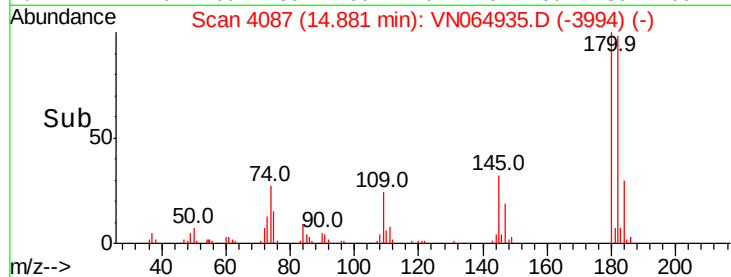
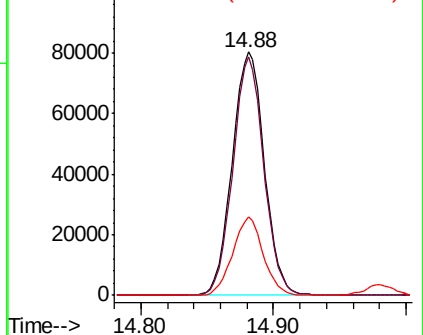


#93  
 1,2,4-Trichlorobenzene  
 Concen: 44.739 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN064935.D  
 Acq: 7 Dec 2020 10:30

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.4  | 47.6  | 142.9 |
| 145     | 30.5  | 15.3  | 45.8  |

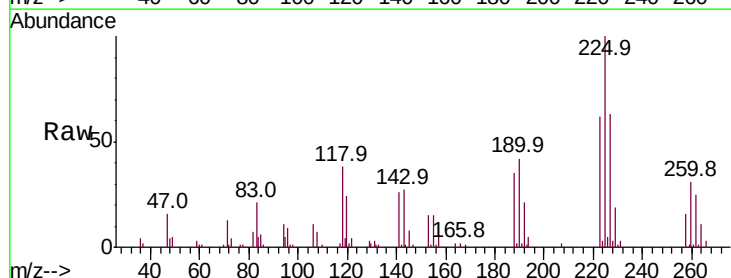


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

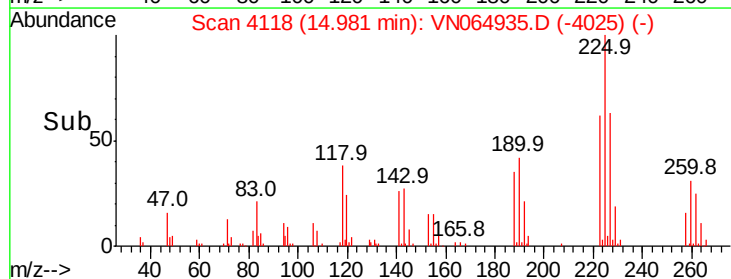
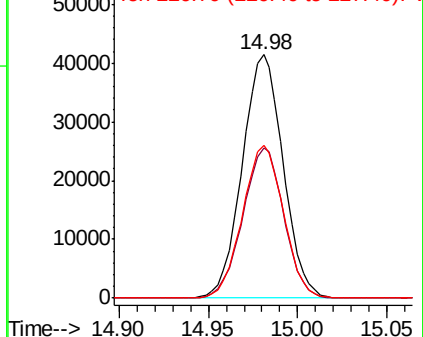


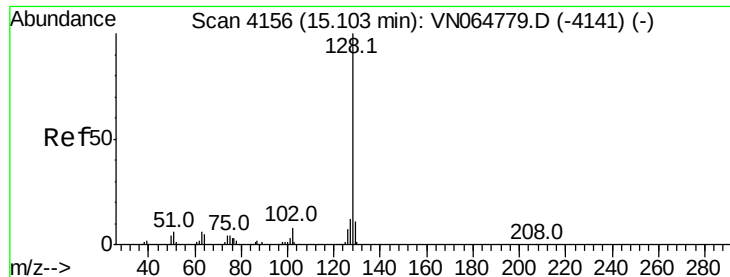
#94  
 Hexachlorobutadiene  
 Concen: 48.893 ug/l  
 RT: 14.98 min Scan# 4118  
 Delta R.T. -0.00 min  
 Lab File: VN064935.D  
 Acq: 7 Dec 2020 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.7  | 31.0  | 93.0  |
| 227     | 62.9  | 32.0  | 96.0  |



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





#95

Naphthalene

Concen: 43.340 ug/l

RT: 15.10 min Scan# 4156

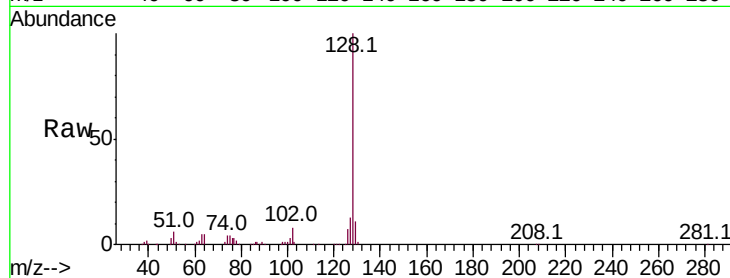
Delta R.T. 0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

Tot Ion:128 Resp: 391754

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.5  | 10.3  | 15.5  |
| 129 | 10.7  | 8.7   | 13.1  |

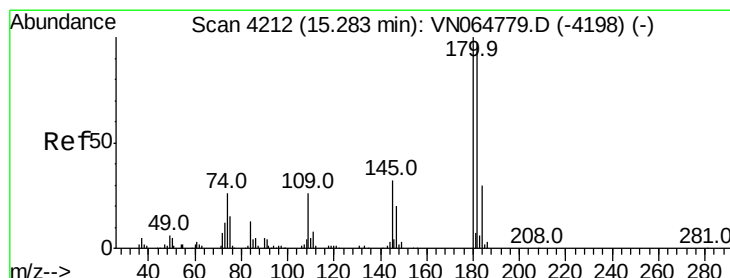
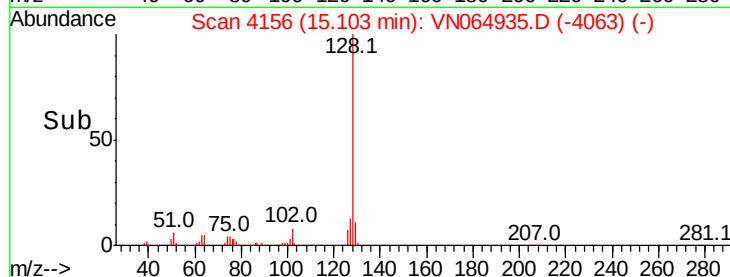
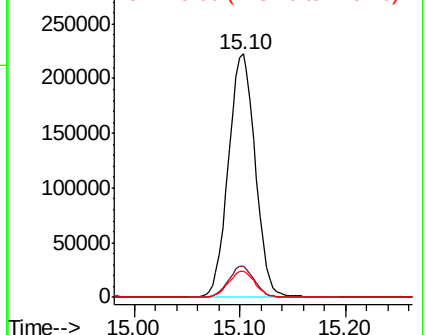


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.276 ug/l

RT: 15.28 min Scan# 4212

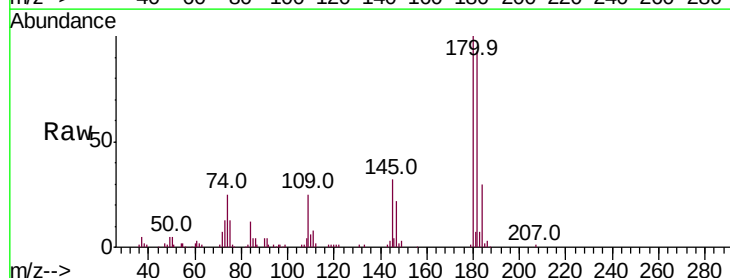
Delta R.T. 0.00 min

Lab File: VN064935.D

Acq: 7 Dec 2020 10:30

Tgt Ion:180 Resp: 126480

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.0  | 48.1  | 144.4 |
| 145 | 31.9  | 16.4  | 49.1  |



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

