

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\  
 Data File : VN061063.D  
 Acq On : 17 Apr 2020 19:55  
 Operator : JC/MD  
 Sample : L2337-05MS  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB180-GW-403-405MS

Quant Time: Apr 20 01:34:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041620W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 17 03:49:39 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 149175   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.56  | 114  | 255722   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 235324   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 112039   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.00  | 65   | 95465    | 50.02 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 100.04% |          |
| 35) Dibromofluoromethane    | 7.56  | 113  | 73815    | 49.43 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 98.86%  |          |
| 50) Toluene-d8              | 10.08 | 98   | 264819   | 46.93 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 93.86%  |          |
| 62) 4-Bromofluorobenzene    | 12.39 | 95   | 105766   | 47.82 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 95.64%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 88277    | 44.810  | ug/l  | 99     |
| 3) Chloromethane              | 2.04 | 50   | 131349   | 49.645  | ug/l  | 97     |
| 4) Vinyl Chloride             | 2.17 | 62   | 108053   | 49.144  | ug/l  | 99     |
| 5) Bromomethane               | 2.54 | 94   | 51843    | 47.019  | ug/l  | 100    |
| 6) Chloroethane               | 2.68 | 64   | 66139    | 52.147  | ug/l  | 97     |
| 7) Trichlorofluoromethane     | 3.00 | 101  | 134644   | 49.189  | ug/l  | 99     |
| 8) Diethyl Ether              | 3.38 | 74   | 55636    | 51.139  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101  | 71042    | 44.236  | ug/l  | 99     |
| 10) Methyl Iodide             | 3.93 | 142  | 76459    | 53.967  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 4.73 | 59   | 90692    | 267.816 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 3.72 | 96   | 79642    | 48.787  | ug/l  | 98     |
| 13) Acrolein                  | 3.57 | 56   | 68923    | 241.053 | ug/l  | 100    |
| 14) Allyl chloride            | 4.29 | 41   | 143531   | 46.469  | ug/l  | 98     |
| 15) Acrylonitrile             | 4.94 | 53   | 252537   | 275.044 | ug/l  | 99     |
| 16) Acetone                   | 3.78 | 43   | 209422   | 249.291 | ug/l  | 99     |
| 17) Carbon Disulfide          | 4.03 | 76   | 226945   | 44.428  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.28 | 43   | 134982   | 51.241  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 5.00 | 73   | 287708   | 50.545  | ug/l  | 99     |
| 20) Methylene Chloride        | 4.52 | 84   | 92207    | 50.272  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 5.00 | 96   | 83143    | 47.619  | ug/l  | 97     |
| 22) Diisopropyl ether         | 5.91 | 45   | 326911   | 50.961  | ug/l  | 97     |
| 23) Vinyl Acetate             | 5.86 | 43   | 1234701  | 245.447 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 5.82 | 63   | 174586   | 50.390  | ug/l  | 99     |
| 25) 2-Butanone                | 6.80 | 43   | 343313   | 266.693 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 6.79 | 77   | 123356   | 42.761  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96   | 99636    | 49.705  | ug/l  | 98     |
| 28) Bromochloromethane        | 7.17 | 49   | 80863    | 50.845  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 7.18 | 42   | 238050   | 272.390 | ug/l  | 100    |
| 30) Chloroform                | 7.35 | 83   | 164202   | 50.811  | ug/l  | 98     |
| 31) Cyclohexane               | 7.63 | 56   | 154326   | 43.407  | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 7.54 | 97   | 139633   | 49.954  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.77 | 75   | 125680   | 47.627  | ug/l  | 100    |
| 37) Ethyl Acetate             | 6.89 | 43   | 142182   | 49.622  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 7.75 | 117  | 111246   | 50.647  | ug/l  | 97     |

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 Sample : L2337-05MS  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB180-GW-403-405MS

Quant Time: Apr 20 01:34:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041620W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 17 03:49:39 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.06  | 83   | 133859   | 42.430   | ug/l   | 100      |
| 40) Benzene                    | 8.02  | 78   | 384499   | 49.115   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 210631   | 176.241  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 134326   | 50.369   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.14  | 43   | 233022   | 50.003   | ug/l   | 100      |
| 44) Trichloroethene            | 8.82  | 130  | 93362    | 47.462   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 105829   | 50.049   | ug/l   | 99       |
| 46) Dibromomethane             | 9.19  | 93   | 62706    | 51.435   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.38  | 83   | 129943   | 50.454   | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.18  | 41   | 108002   | 52.443   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.18  | 88   | 29946    | 1046.591 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 719825   | 267.952  | ug/l   | 100      |
| 52) Toluene                    | 10.14 | 92   | 227580   | 48.458   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 143723   | 48.042   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.82  | 75   | 155143   | 47.530   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 89422    | 50.314   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 147209   | 52.674   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 159195   | 50.217   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.82  | 63   | 840      | 0.661    | ug/l # | 51       |
| 59) 2-Hexanone                 | 10.74 | 43   | 528620   | 272.854  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.89 | 129  | 94096    | 51.540   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.99 | 107  | 92357    | 50.997   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.62 | 164  | 86835    | 48.222   | ug/l   | 97       |
| 65) Chlorobenzene              | 11.42 | 112  | 231112   | 47.574   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.50 | 131  | 85518    | 49.204   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.50 | 91   | 438521   | 47.989   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.61 | 106  | 320358   | 97.006   | ug/l   | 100      |
| 69) o-Xylene                   | 11.94 | 106  | 154497   | 48.657   | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 246388   | 48.199   | ug/l   | 100      |
| 71) Bromoform                  | 12.12 | 173  | 67922    | 52.355   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.24 | 105  | 412847   | 45.995   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.06 | 43   | 194160   | 46.515   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 135951   | 49.617   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.54 | 75   | 180685   | 73.318   | ug/l # | 100      |
| 77) Bromobenzene               | 12.52 | 156  | 97648    | 46.594   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 487156   | 46.388   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 285117   | 46.291   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 347304   | 46.811   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.29 | 75   | 45021    | 45.061   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 294480   | 46.099   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 288541   | 46.244   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.03 | 105  | 346725   | 47.278   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 387720   | 45.861   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.28 | 119  | 346557   | 46.034   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 171724   | 45.978   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 170285   | 45.320   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.61 | 91   | 310144   | 44.302   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 52460    | 45.420   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 168514   | 47.273   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.26 | 75   | 28150    | 53.085   | ug/l   | 98       |

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Sample : L2337-05MS  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB180-GW-403-405MS

Quant Time: Apr 20 01:34:31 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041620W.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 17 03:49:39 2020  
Response via : Initial Calibration

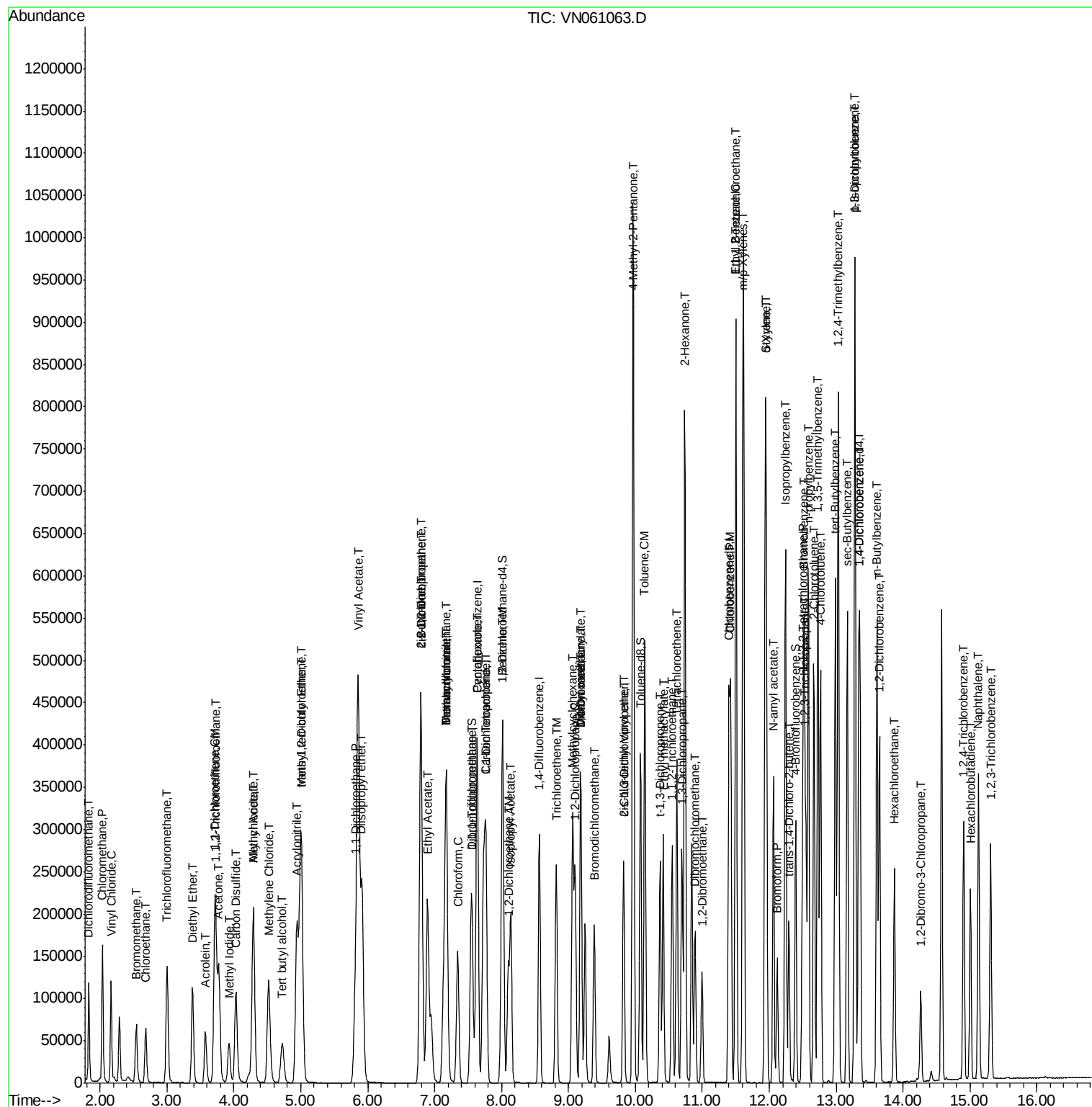
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.90 | 180  | 95363    | 45.198 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 44332    | 40.844 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 297179   | 48.297 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 93116    | 45.796 | ug/l  | 99       |

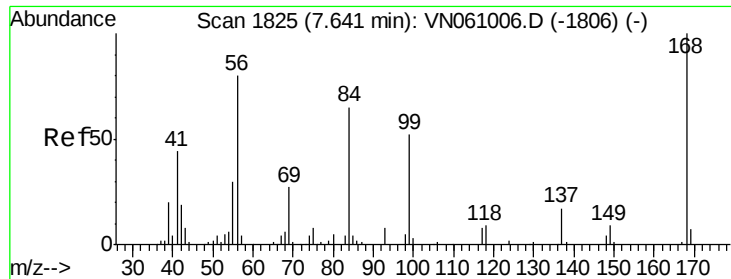
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041720\  
Data File : VN061063.D  
Acq On : 17 Apr 2020 19:55  
Operator : JC/MD  
Sample : L2337-05MS  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB180-GW-403-405MS

Quant Time: Apr 20 01:34:31 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N041620W.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 17 03:49:39 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

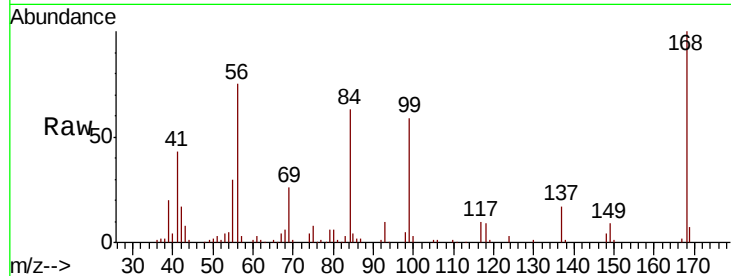
BP-VPB180-GW-403-405MS

Tot Ion:168 Resp: 149175

Ion Ratio Lower Upper

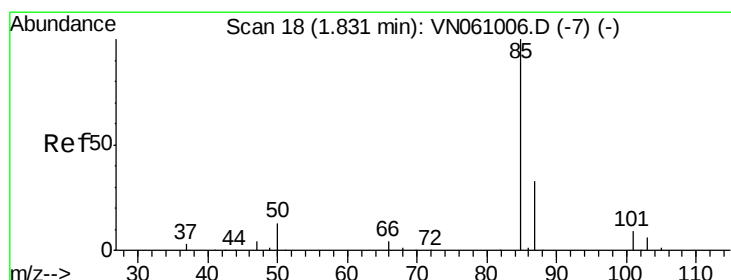
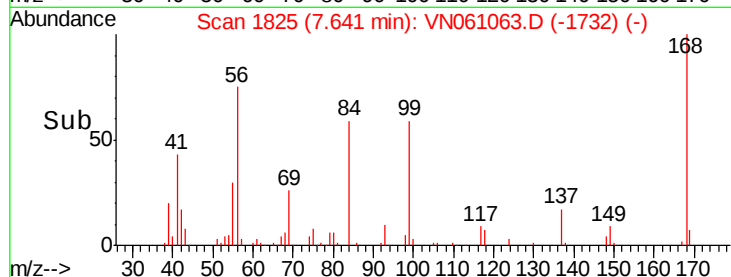
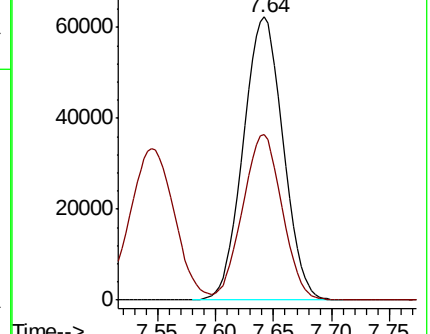
168 100

99 58.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 44.810 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061063.D

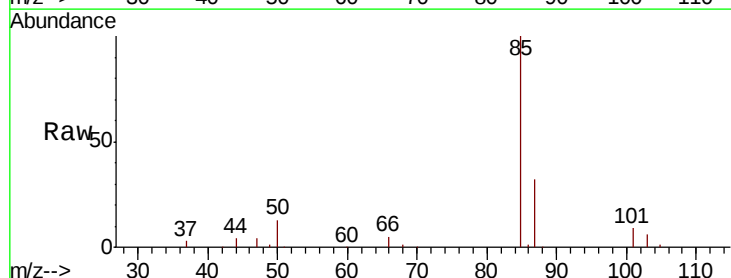
Acq: 17 Apr 2020 19:55

Tgt Ion: 85 Resp: 88277

Ion Ratio Lower Upper

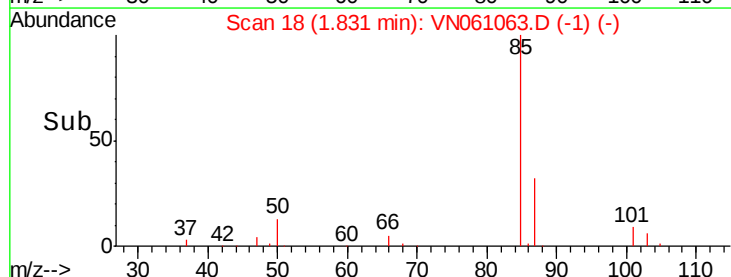
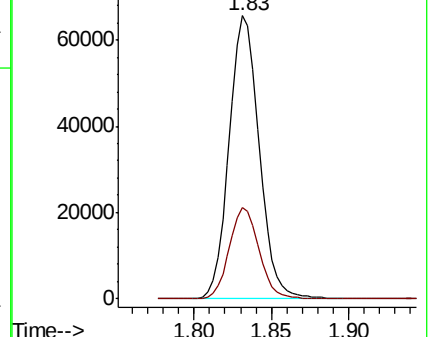
85 100

87 32.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

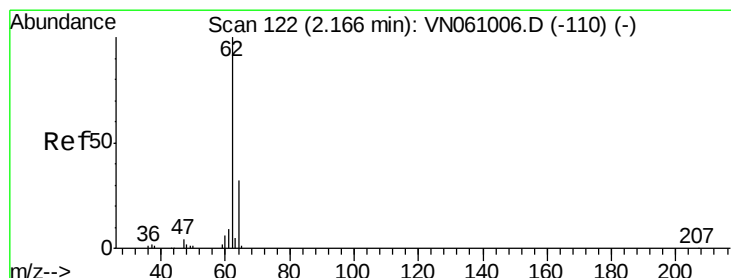
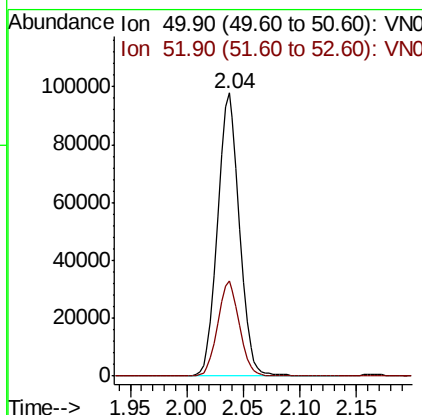
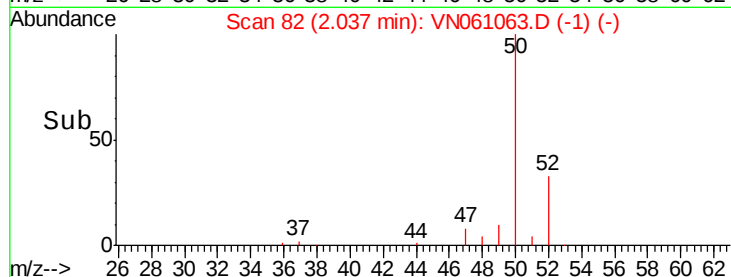
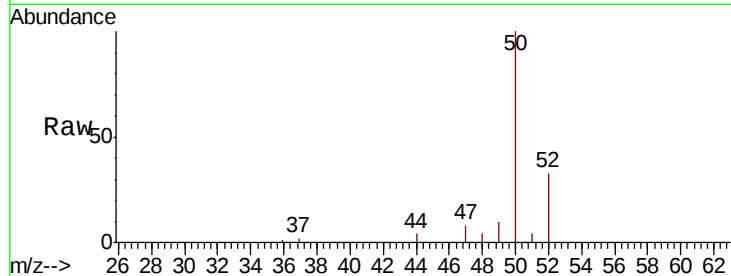




#3  
 Chloromethane  
 Concen: 49.645 ug/l  
 RT: 2.04 min Scan# 82  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

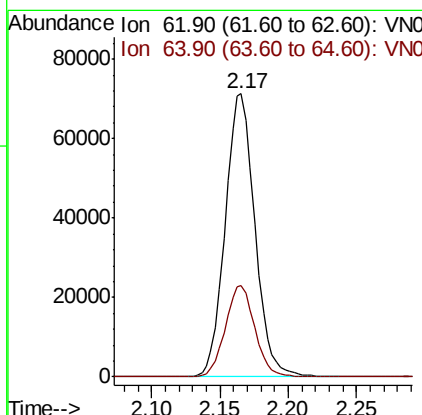
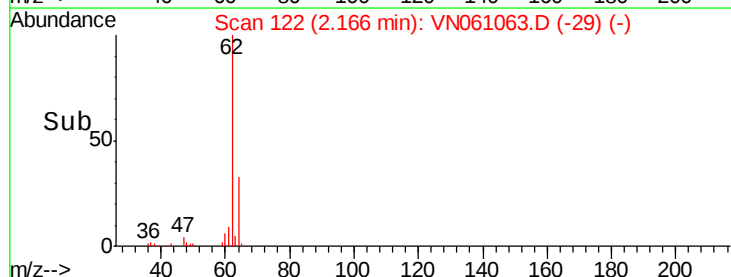
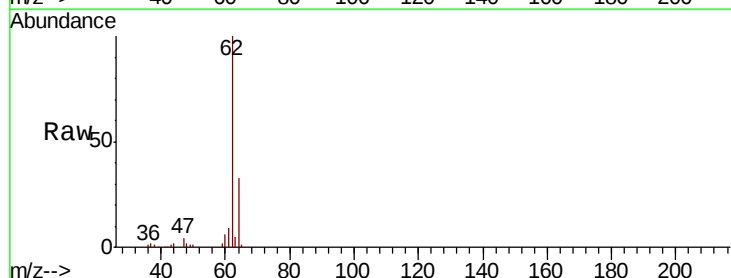
Instrument :  
 MSVOA\_N  
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 BP-VPB180-GW-403-405MS

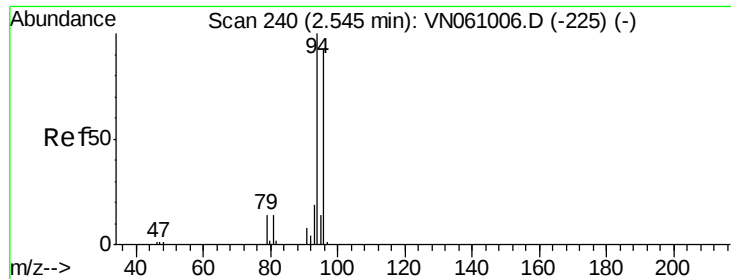
Tot Ion: 50 Resp: 131349  
 Ion Ratio Lower Upper  
 50 100  
 52 33.5 25.6 38.4



#4  
 Vinyl Chloride  
 Concen: 49.144 ug/l  
 RT: 2.17 min Scan# 122  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Tgt Ion: 62 Resp: 108053  
 Ion Ratio Lower Upper  
 62 100  
 64 32.5 25.4 38.0





#5

Bromomethane

Concen: 47.019 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

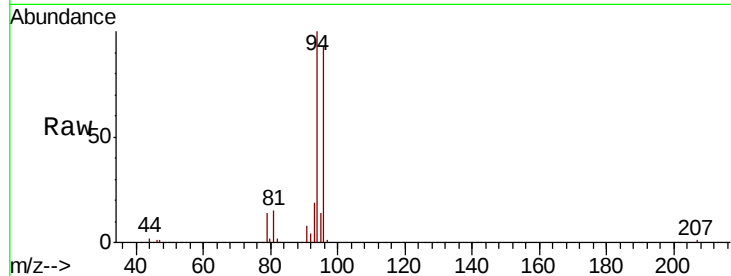
BP-VPB180-GW-403-405MS

Tot Ion: 94 Resp: 51843

Ion Ratio Lower Upper

94 100

96 92.5 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN061063.D (-225) (-)

Ion 95.90 (95.60 to 96.60): VN061063.D (-225) (-)

2.54

25000

20000

15000

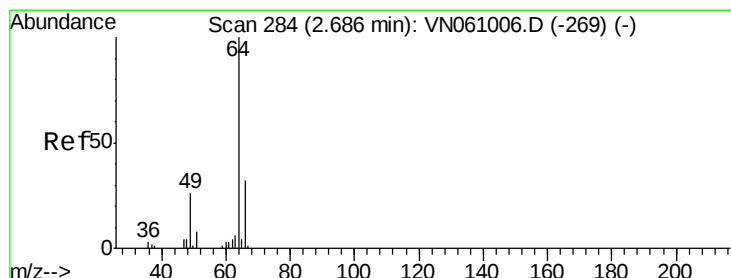
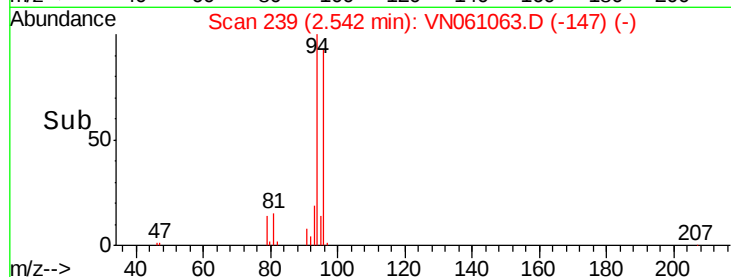
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5000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 52.147 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN061063.D

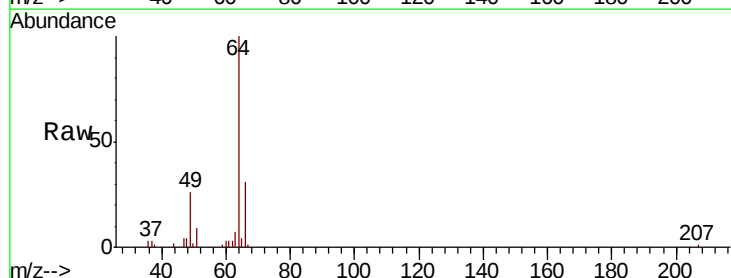
Acq: 17 Apr 2020 19:55

Tgt Ion: 64 Resp: 66139

Ion Ratio Lower Upper

64 100

66 30.9 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN061063.D (-269) (-)

Ion 65.90 (65.60 to 66.60): VN061063.D (-269) (-)

2.68

30000

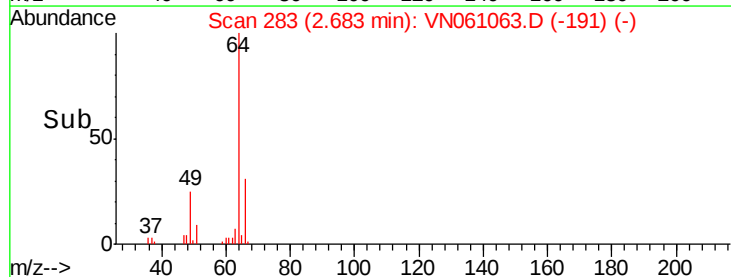
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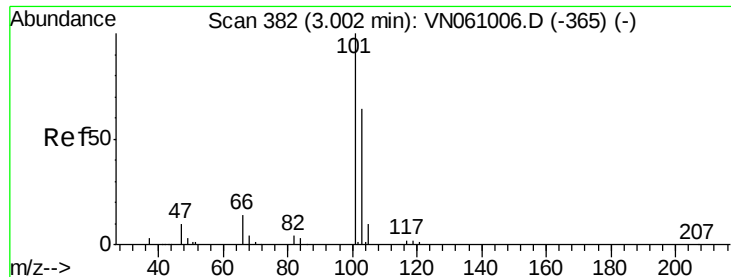
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Time-->

2.60 2.70 2.80



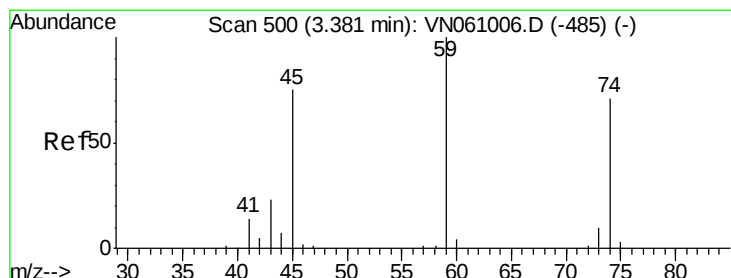
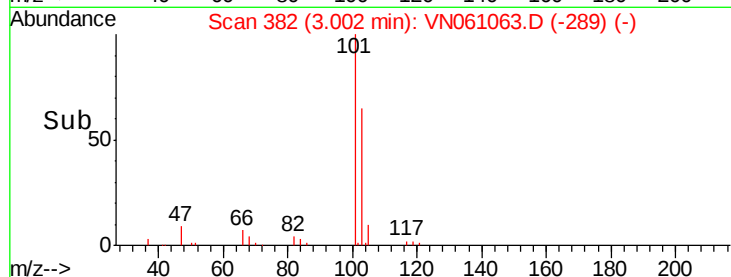
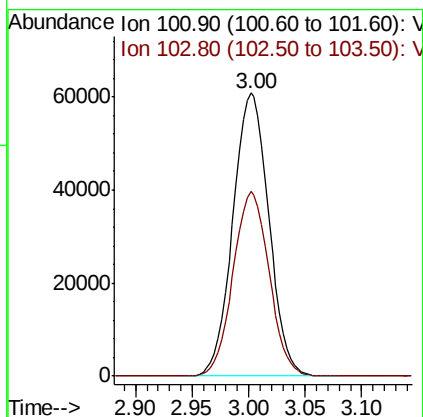
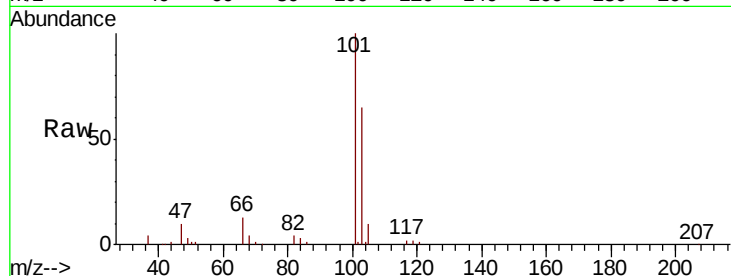


#7

Trichlorofluoromethane  
 Concen: 49.189 ug/l  
 RT: 3.00 min Scan# 382  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB180-GW-403-405MS

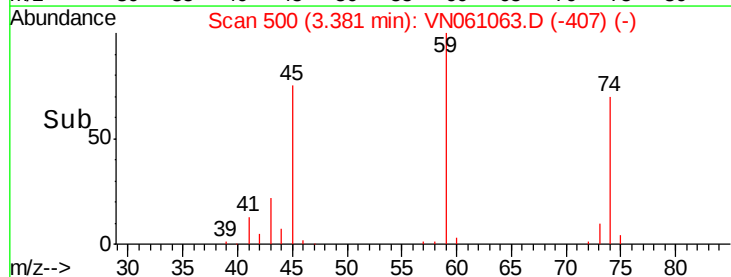
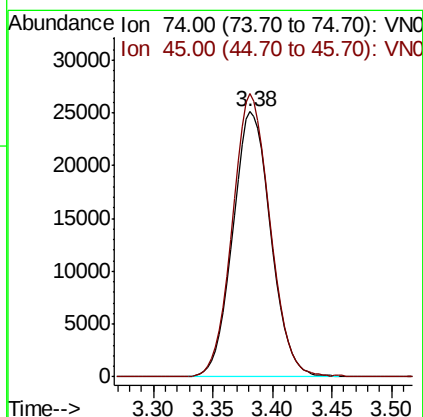
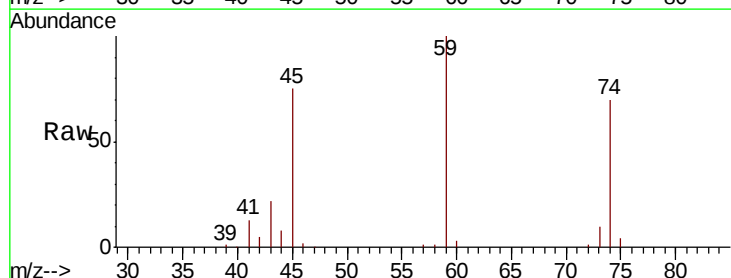
Tot Ion:101 Resp: 134644  
 Ion Ratio Lower Upper  
 101 100  
 103 65.4 51.4 77.2

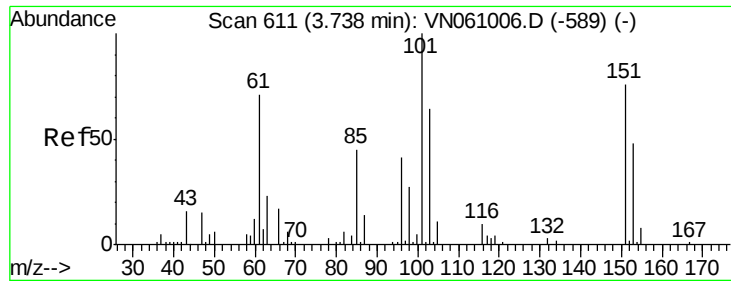


#8

Diethyl Ether  
 Concen: 51.139 ug/l  
 RT: 3.38 min Scan# 500  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Tgt Ion: 74 Resp: 55636  
 Ion Ratio Lower Upper  
 74 100  
 45 105.4 52.9 158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.236 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB180-GW-403-405MS

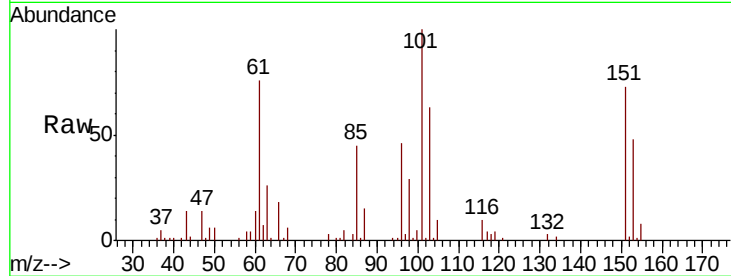
Tot Ion:101 Resp: 71042

Ion Ratio Lower Upper

101 100

85 44.7 35.9 53.9

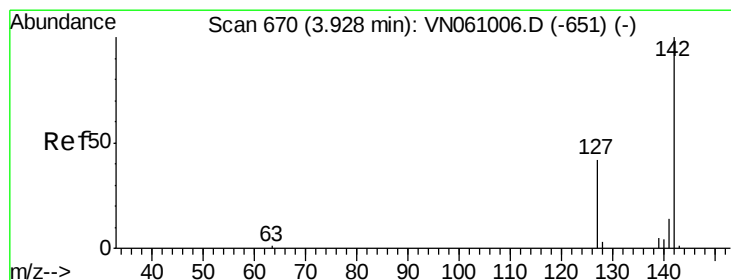
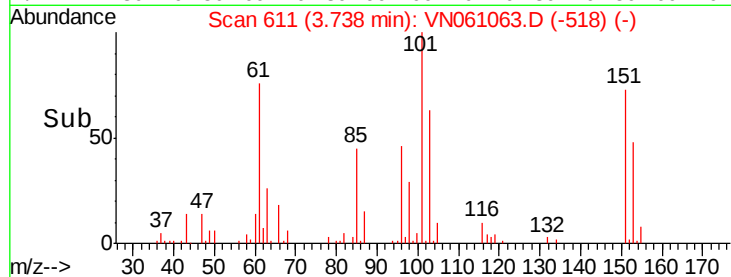
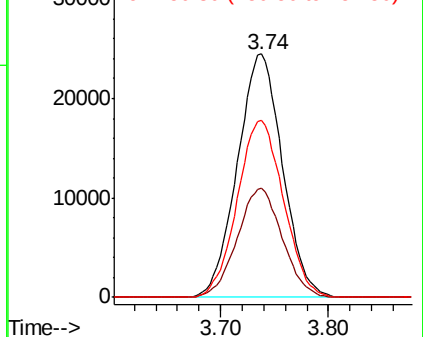
151 74.2 60.8 91.2



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: 53.967 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

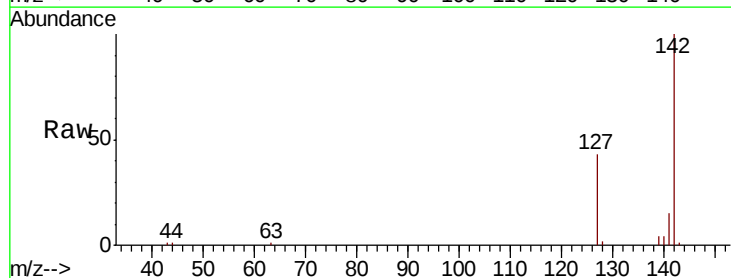
Tgt Ion:142 Resp: 76459

Ion Ratio Lower Upper

142 100

127 42.2 33.4 50.2

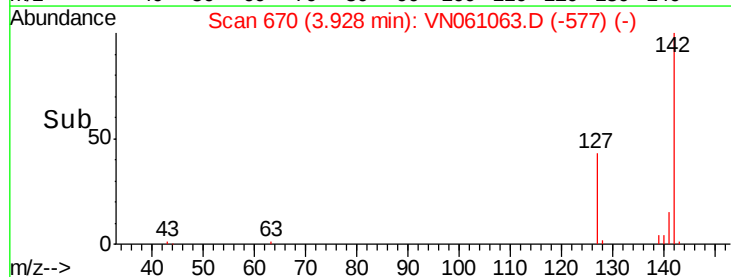
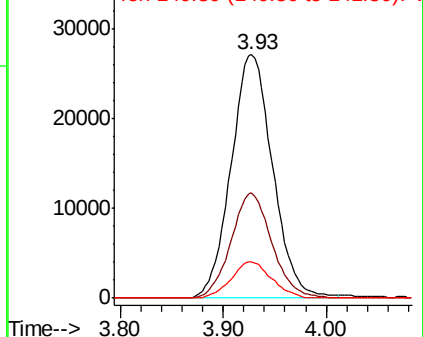
141 14.4 11.0 16.6

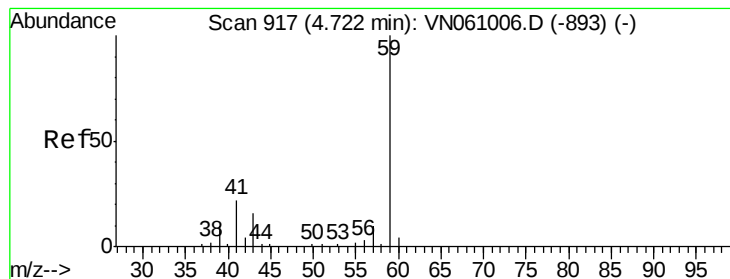


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



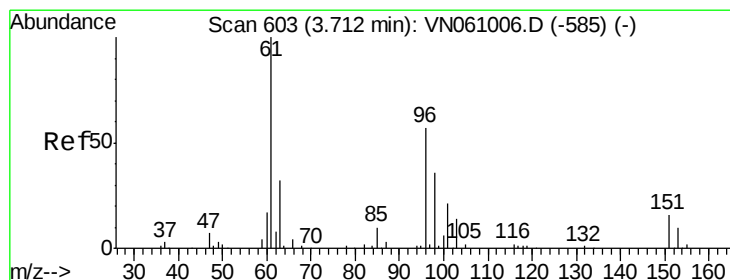
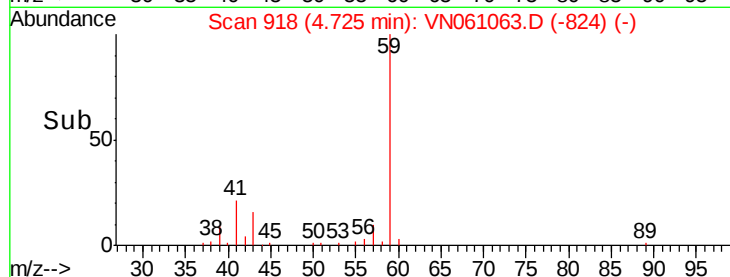
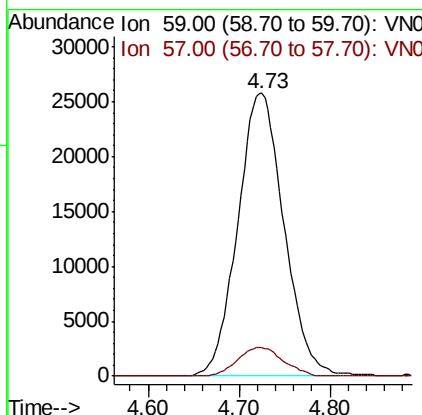
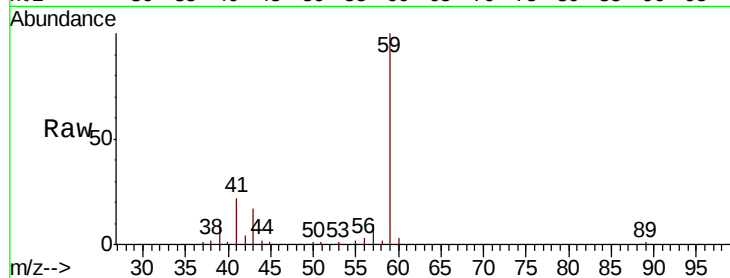


#11

Tert butyl alcohol  
 Concen: 267.816 ug/l  
 RT: 4.73 min Scan# 918  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB180-GW-403-405MS

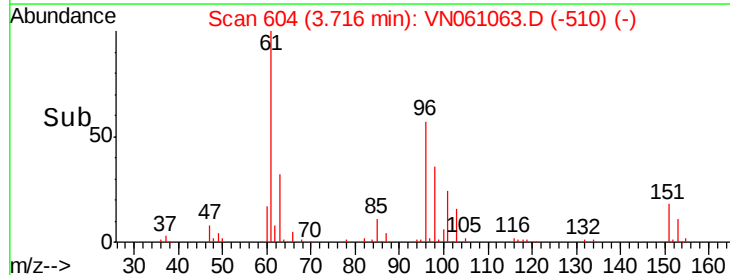
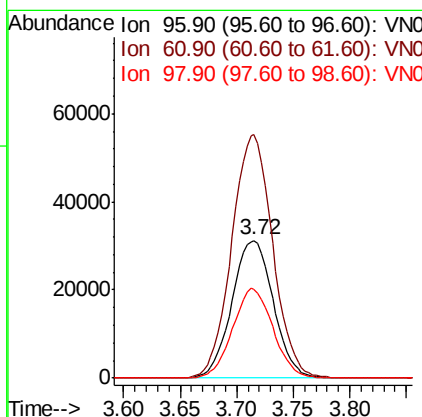
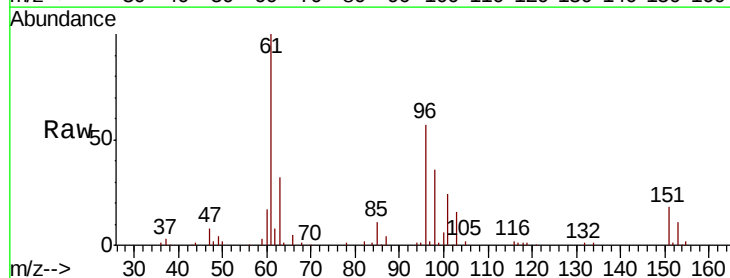
Tot Ion: 59 Resp: 90692  
 Ion Ratio Lower Upper  
 59 100  
 57 10.1 8.1 12.1



#12

1,1-Dichloroethene  
 Concen: 48.787 ug/l  
 RT: 3.72 min Scan# 604  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Tgt Ion: 96 Resp: 79642  
 Ion Ratio Lower Upper  
 96 100  
 61 176.1 139.2 208.8  
 98 64.4 50.0 75.0





#13

Acrolein

Concen: 241.053 ug/l

RT: 3.57 min Scan# 560

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

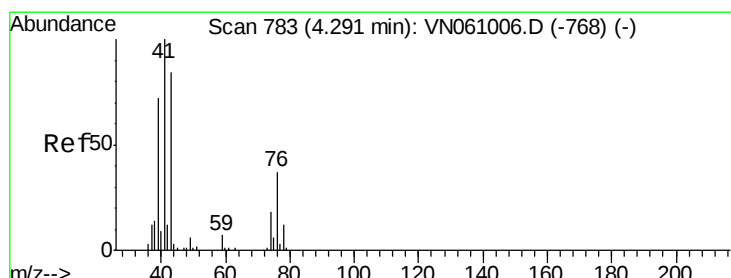
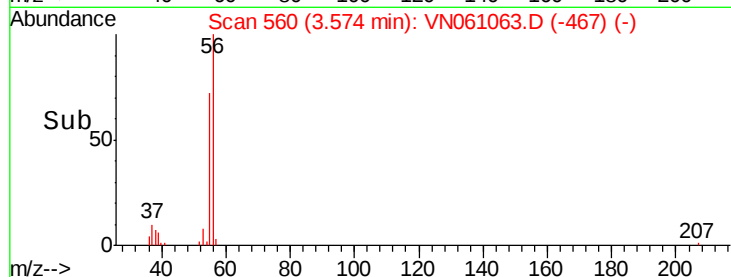
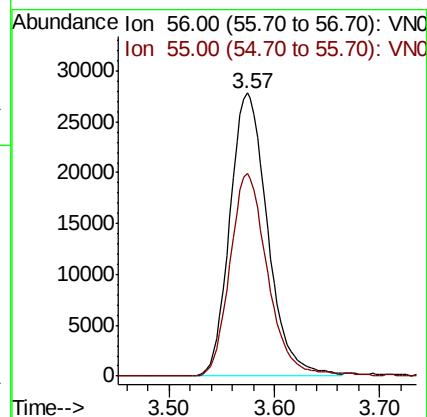
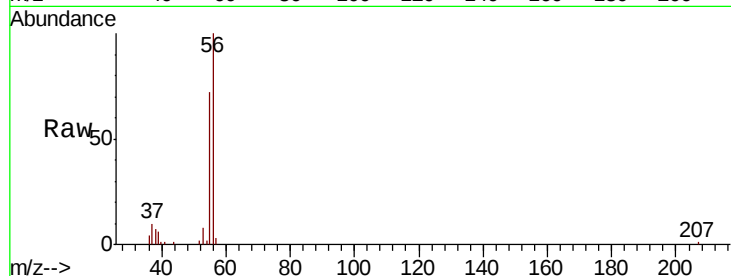
BP-VPB180-GW-403-405MS

Tot Ion: 56 Resp: 68923

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.6



#14

Allyl chloride

Concen: 46.469 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

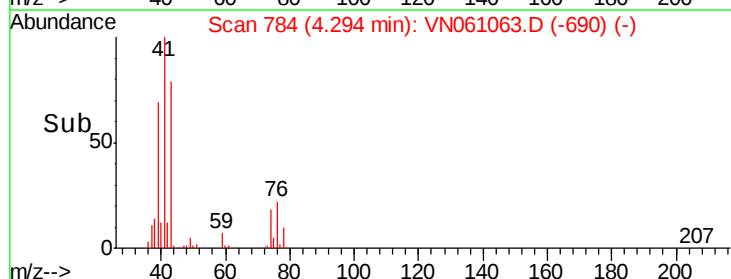
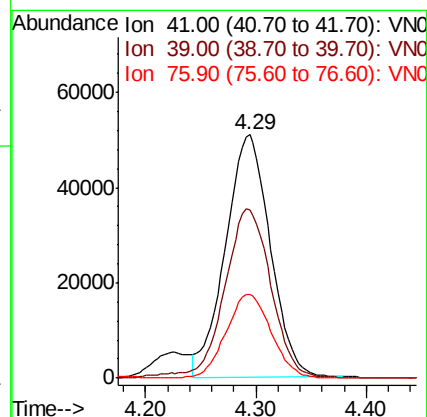
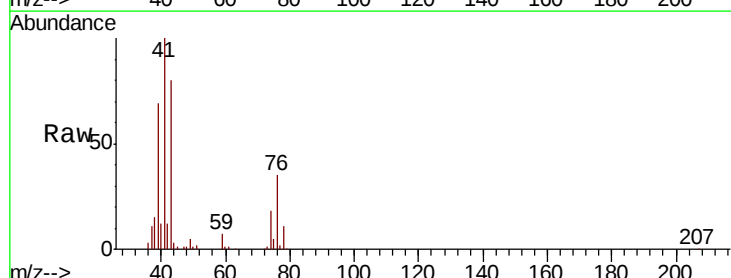
Tgt Ion: 41 Resp: 143531

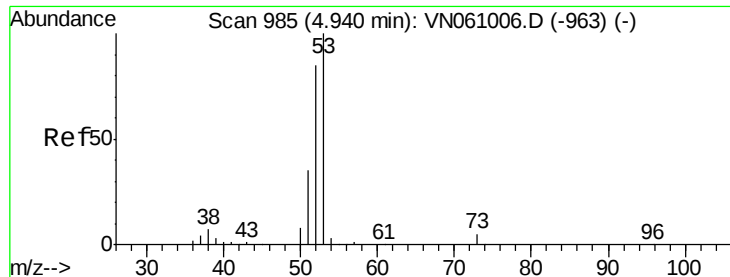
Ion Ratio Lower Upper

41 100

39 72.8 56.3 84.5

76 34.8 27.7 41.5





#15

Acrylonitrile

Concen: 275.044 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB180-GW-403-405MS

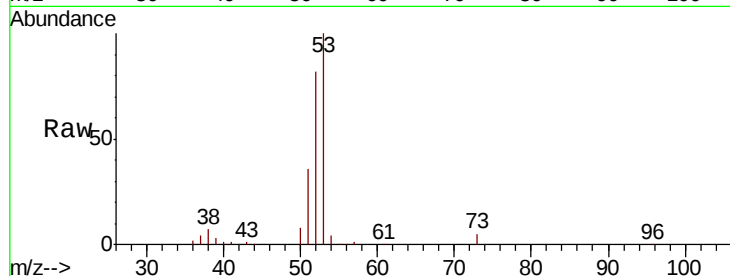
Tot Ion: 53 Resp: 252537

Ion Ratio Lower Upper

53 100

52 82.7 66.8 100.2

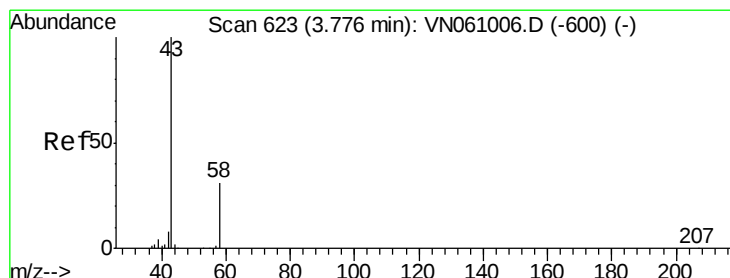
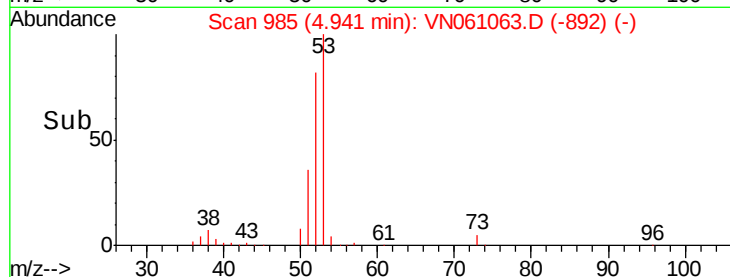
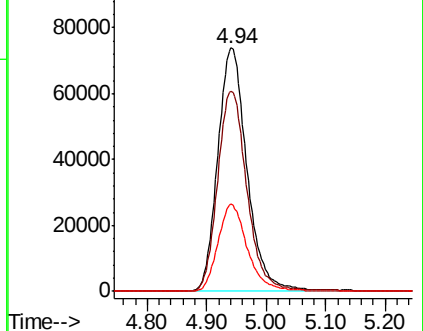
51 36.1 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN061063.D (-963) (-)

Ion 52.00 (51.70 to 52.70): VN061063.D (-963) (-)

Ion 51.00 (50.70 to 51.70): VN061063.D (-963) (-)



#16

Acetone

Concen: 249.291 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061063.D

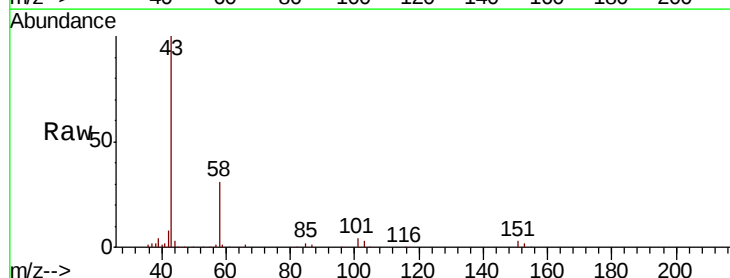
Acq: 17 Apr 2020 19:55

Tgt Ion: 43 Resp: 209422

Ion Ratio Lower Upper

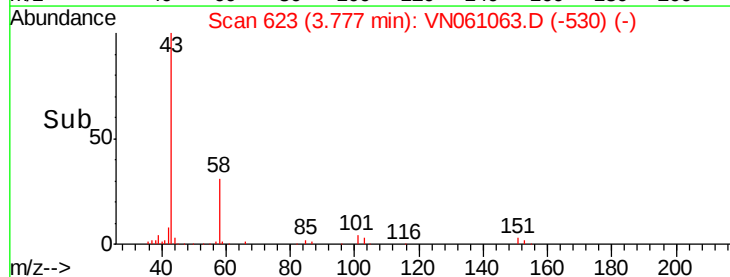
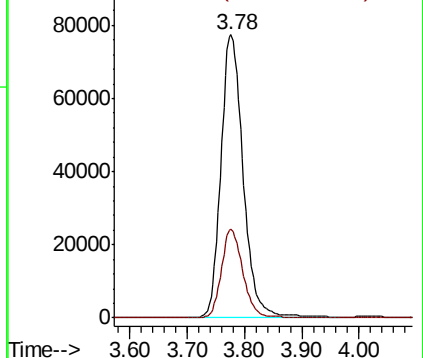
43 100

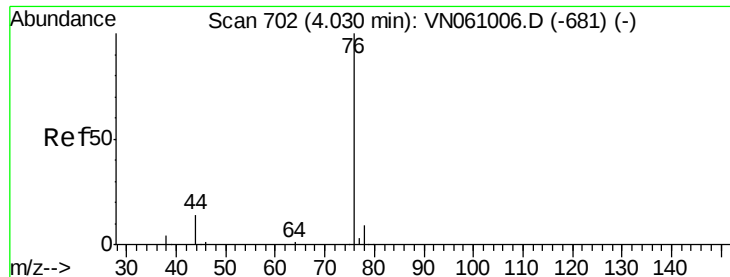
58 31.2 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061063.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN061063.D (-530) (-)

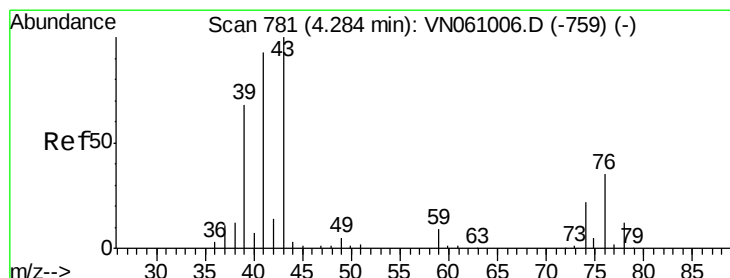
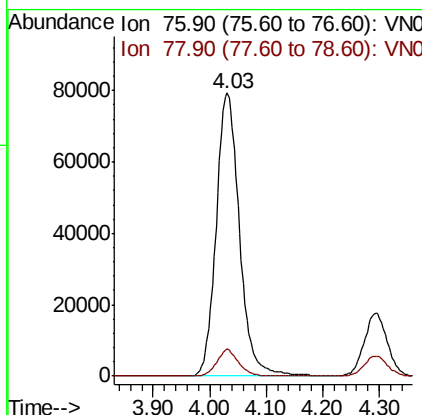
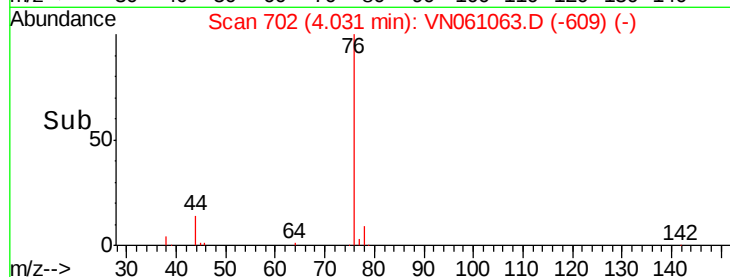
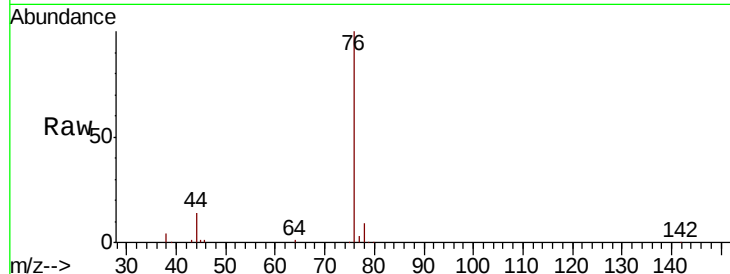




#17  
Carbon Disulfide  
Concen: 44.428 ug/l  
RT: 4.03 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

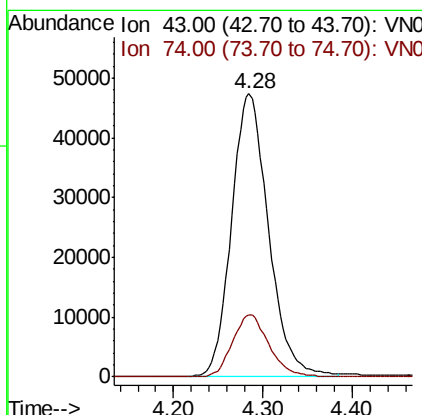
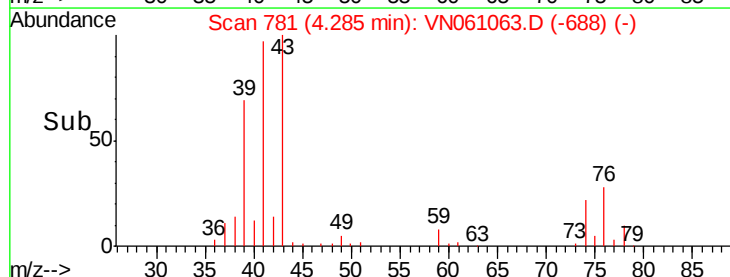
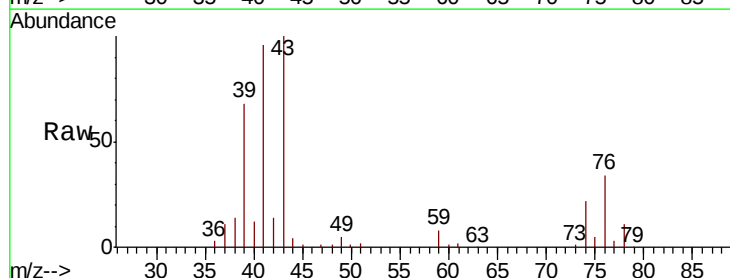
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB180-GW-403-405MS

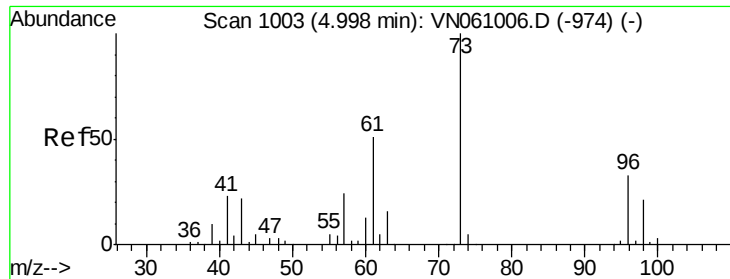
Tot Ion: 76 Resp: 226945  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.6 11.4



#18  
Methyl Acetate  
Concen: 51.241 ug/l  
RT: 4.28 min Scan# 781  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

Tgt Ion: 43 Resp: 134982  
Ion Ratio Lower Upper  
43 100  
74 21.8 17.4 26.0

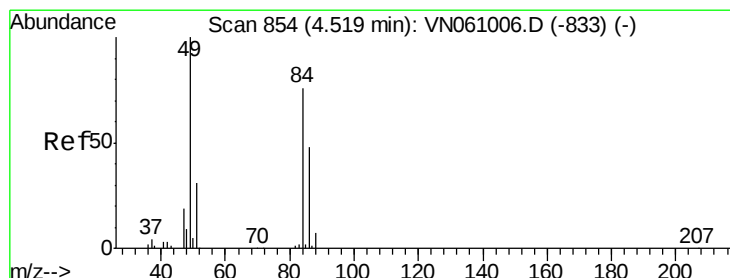
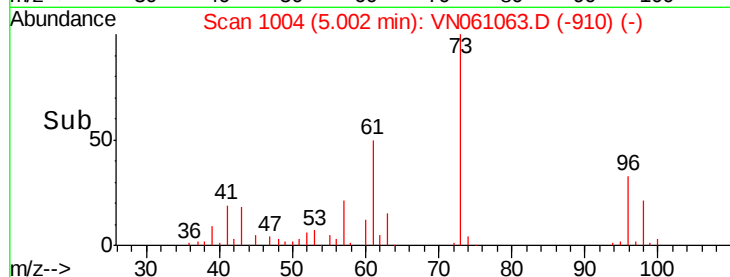
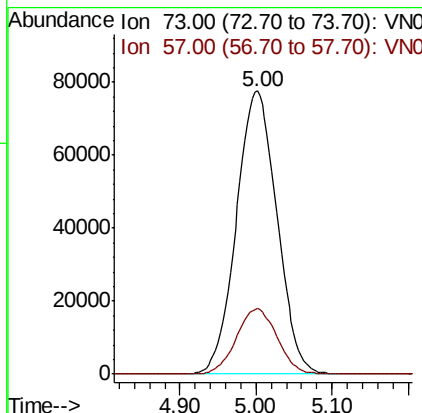
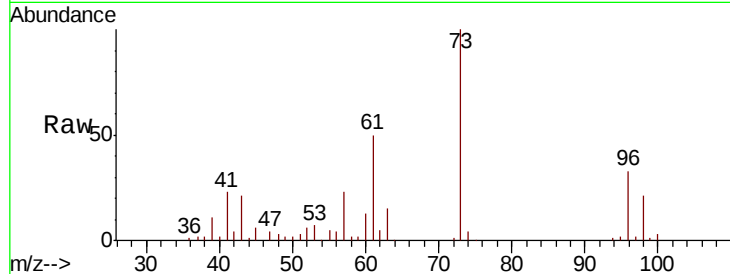




#19  
Methyl tert-butyl Ether  
Concen: 50.545 ug/l  
RT: 5.00 min Scan# 1004  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

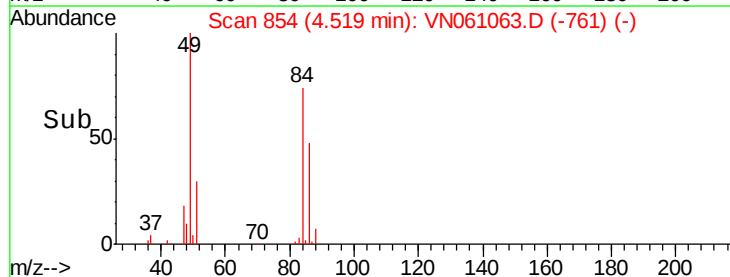
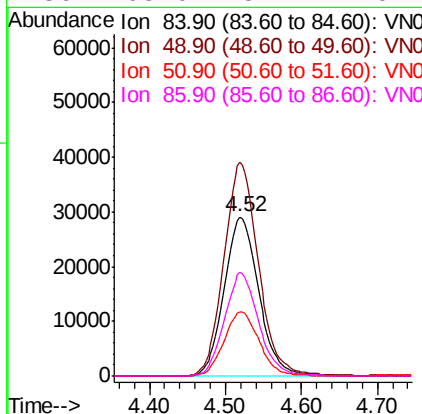
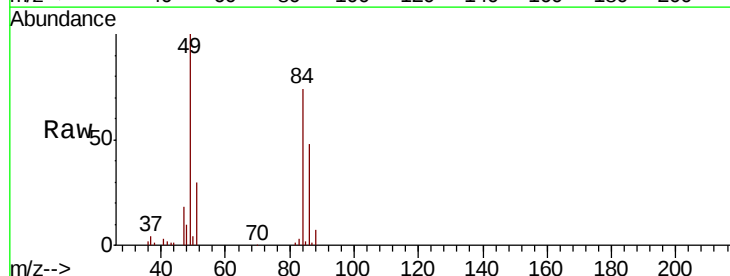
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB180-GW-403-405MS

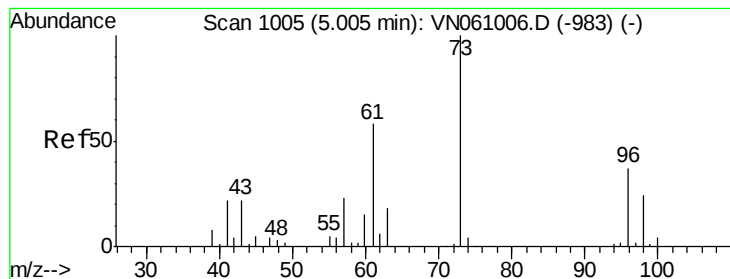
Tot Ion: 73 Resp: 287708  
Ion Ratio Lower Upper  
73 100  
57 23.1 19.0 28.4



#20  
Methylene Chloride  
Concen: 50.272 ug/l  
RT: 4.52 min Scan# 854  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

Tgt Ion: 84 Resp: 92207  
Ion Ratio Lower Upper  
84 100  
49 134.4 105.8 158.6  
51 40.2 32.4 48.6  
86 65.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 47.619 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB180-GW-403-405MS

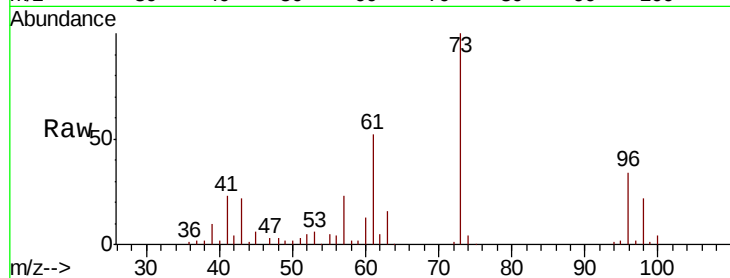
Tot Ion: 96 Resp: 83143

Ion Ratio Lower Upper

96 100

61 151.8 124.8 187.2

98 63.1 51.3 76.9

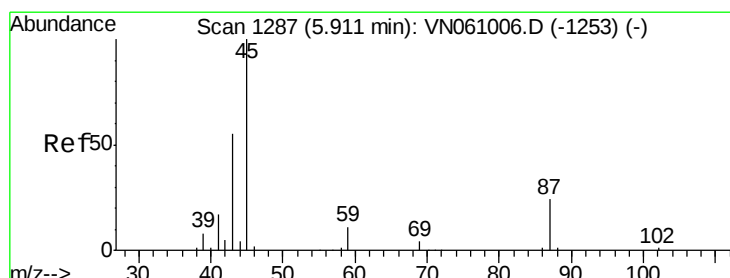
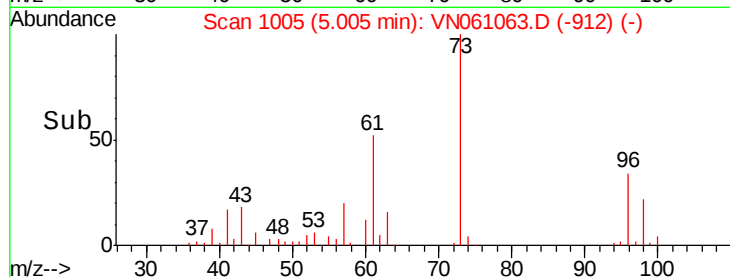
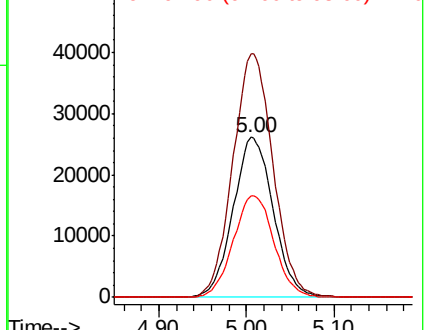


Abundance

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: 50.961 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Tgt Ion: 45 Resp: 326911

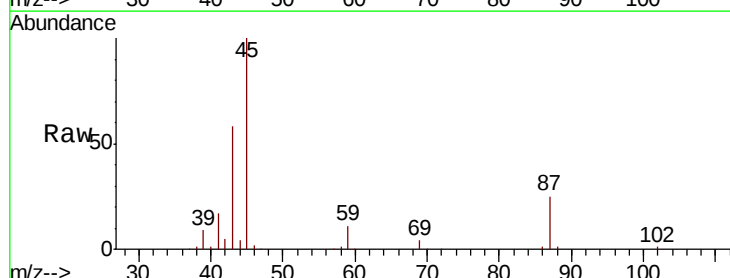
Ion Ratio Lower Upper

45 100

43 57.1 48.6 72.8

87 24.6 19.4 29.2

59 11.3 8.6 12.8



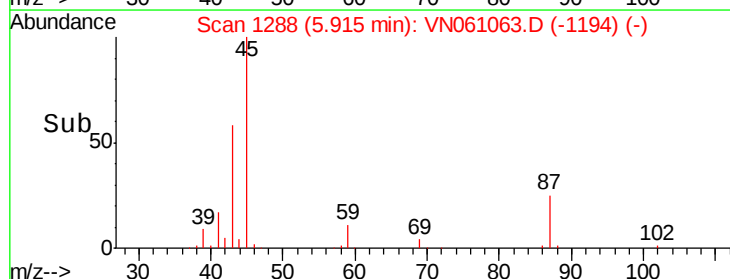
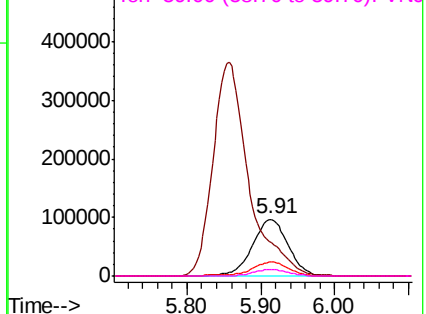
Abundance

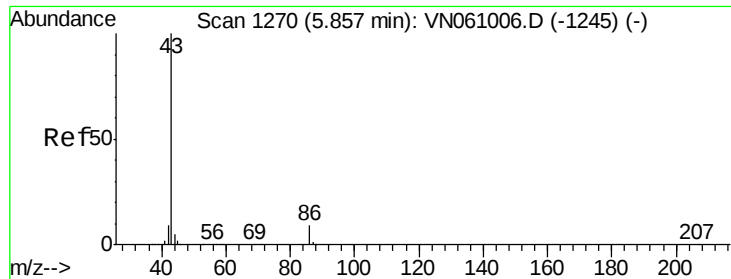
Ion 45.00 (44.70 to 45.70): VN0

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: 245.447 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

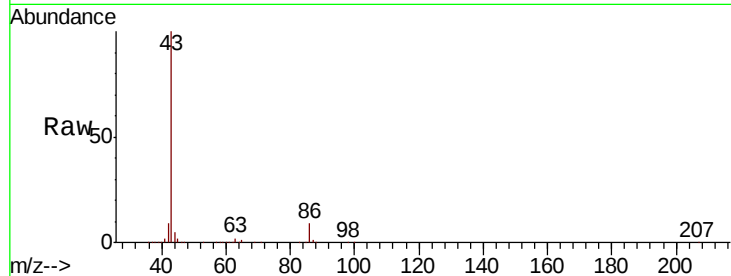
BP-VPB180-GW-403-405MS

Tot Ion: 43 Resp: 1234701

Ion Ratio Lower Upper

43 100

86 9.2 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1245) (-)

Ion 86.00 (85.70 to 86.70): VN061006.D (-1245) (-)

5.86

400000

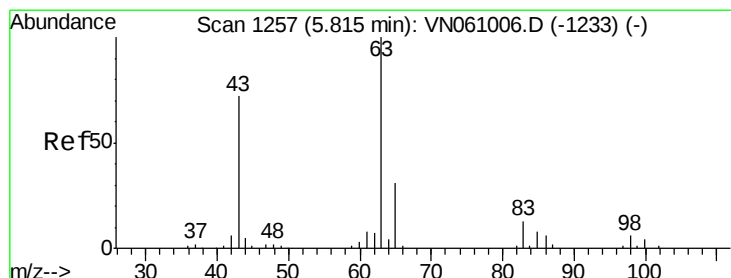
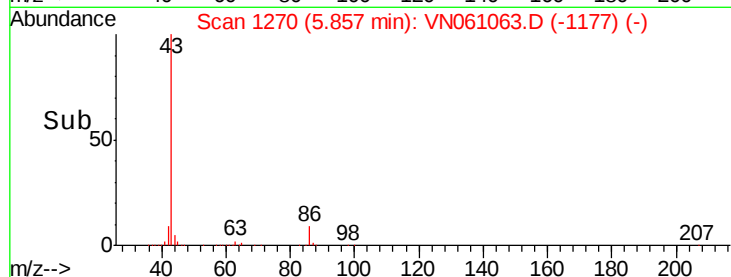
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.390 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

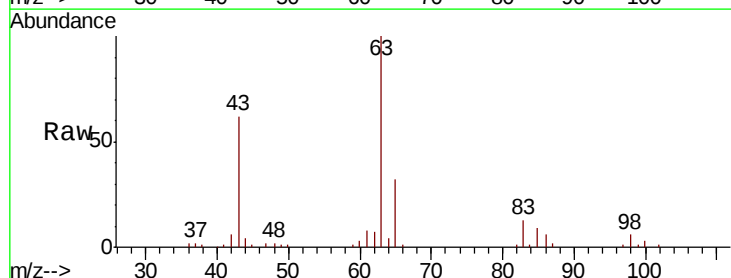
Tgt Ion: 63 Resp: 174586

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

100 3.4 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN061006.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN061006.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN061006.D (-1233) (-)

5.82

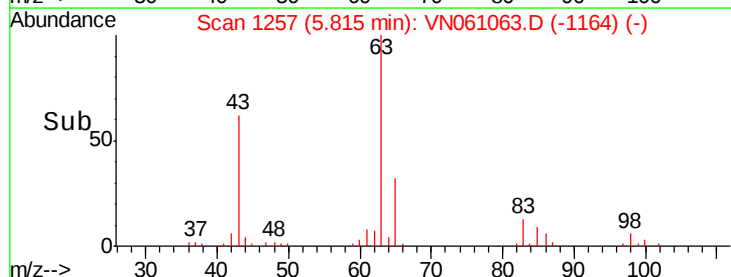
60000

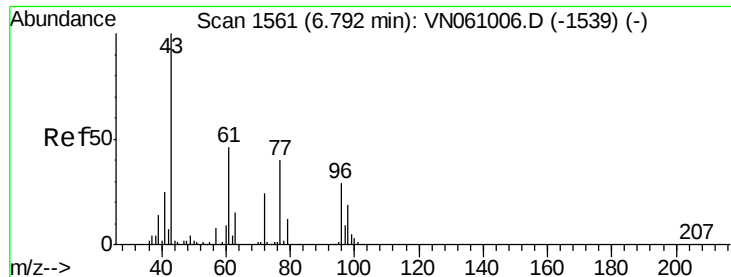
40000

20000

0

Time-->

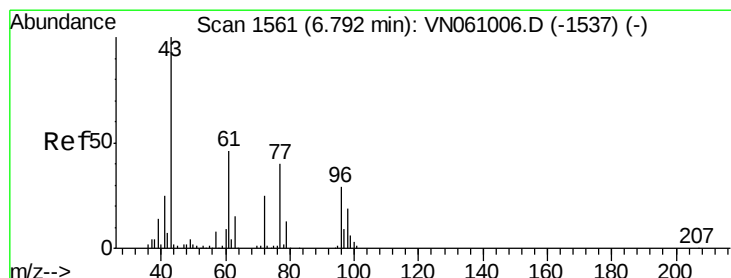
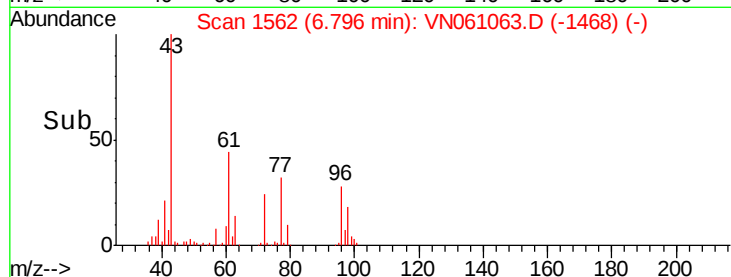
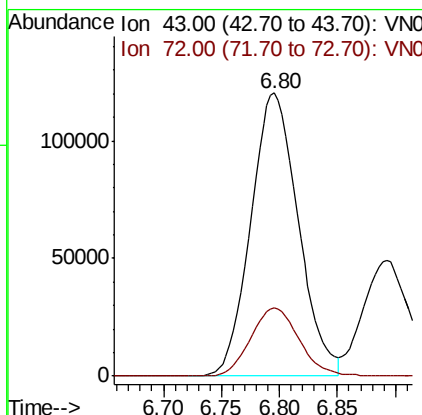
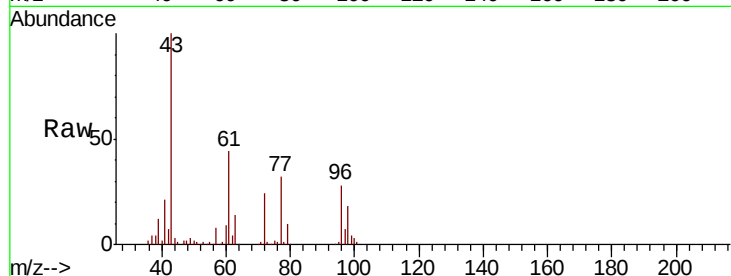




#25  
2-Butanone  
Concen: 266.693 ug/l  
RT: 6.80 min Scan# 1562  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

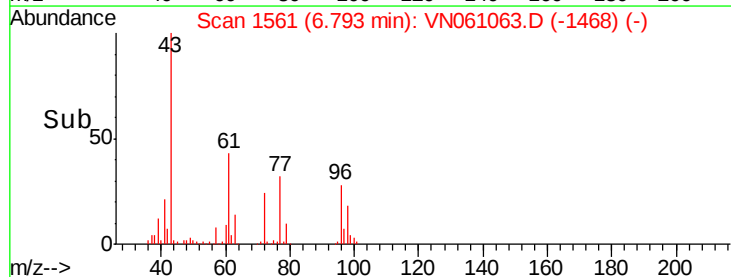
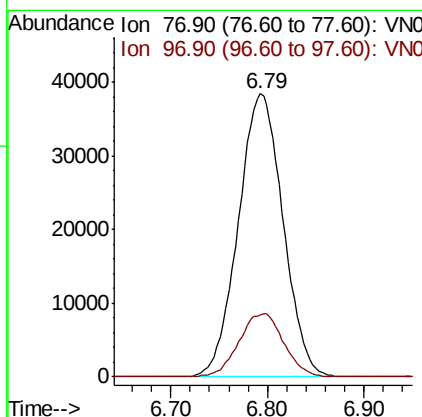
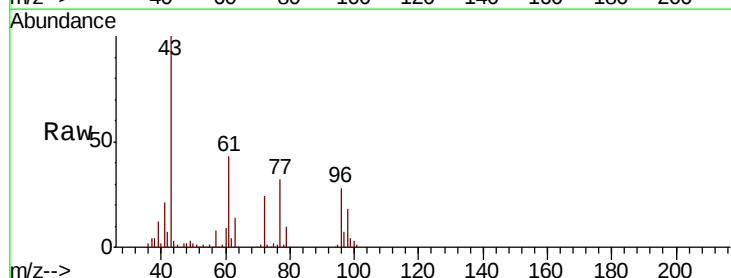
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB180-GW-403-405MS

Tot Ion: 43 Resp: 343313  
Ion Ratio Lower Upper  
43 100  
72 24.0 19.6 29.4



#26  
2,2-Dichloropropane  
Concen: 42.761 ug/l  
RT: 6.79 min Scan# 1561  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

Tgt Ion: 77 Resp: 123356  
Ion Ratio Lower Upper  
77 100  
97 22.3 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 49.705 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB180-GW-403-405MS

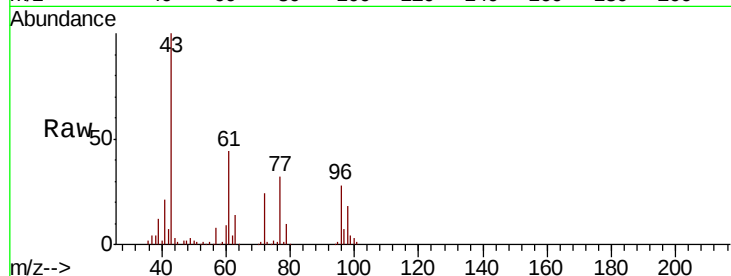
Tot Ion: 96 Resp: 99636

Ion Ratio Lower Upper

96 100

61 156.1 0.0 317.4

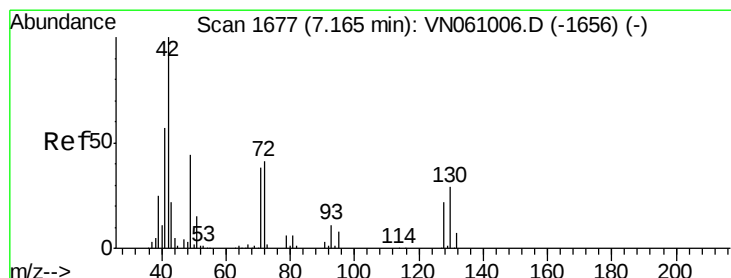
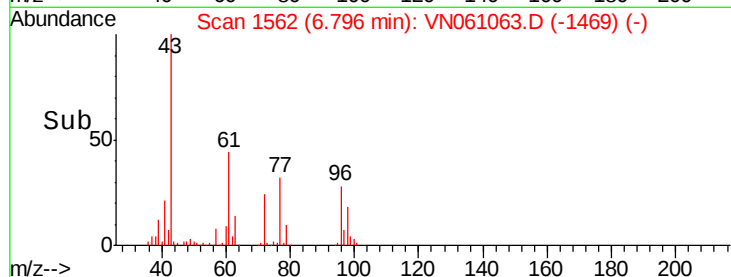
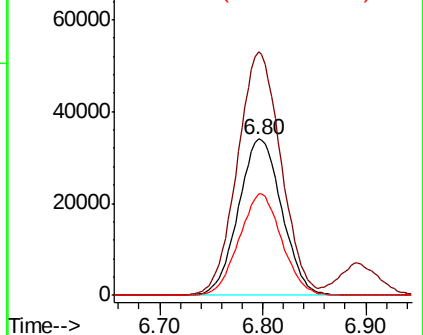
98 63.7 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN061006.D (-1541) (-)

Ion 60.90 (60.60 to 61.60): VN061006.D (-1541) (-)

Ion 97.90 (97.60 to 98.60): VN061006.D (-1541) (-)



#28

Bromochloromethane

Concen: 50.845 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

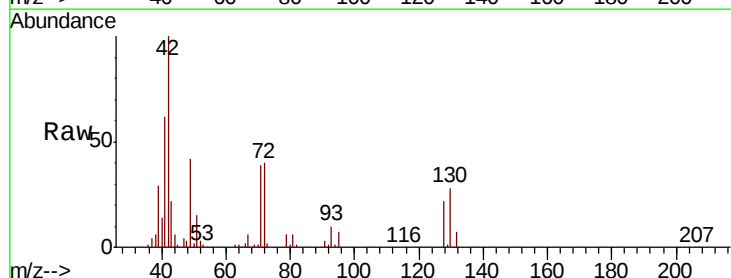
Tgt Ion: 49 Resp: 80863

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.0

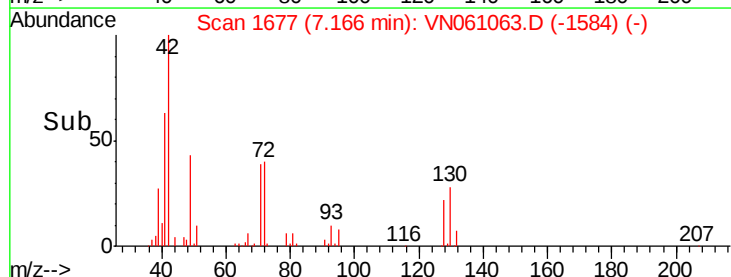
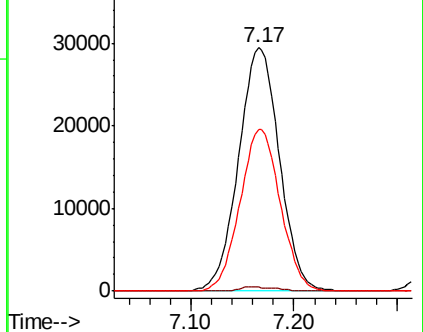
130 65.7 52.9 79.3

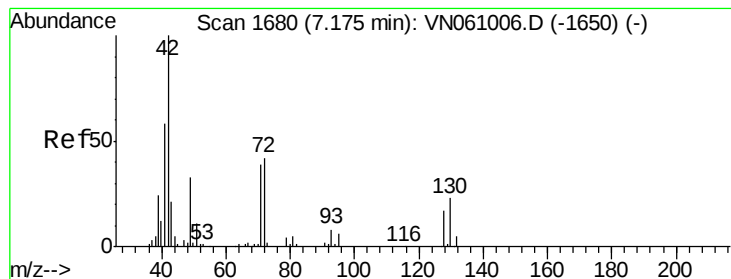


Abundance Ion 48.90 (48.60 to 49.60): VN061006.D (-1656) (-)

Ion 128.80 (128.50 to 129.50): VN061006.D (-1656) (-)

Ion 129.80 (129.50 to 130.50): VN061006.D (-1656) (-)





#29

Tetrahydrofuran

Concen: 272.390 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB180-GW-403-405MS

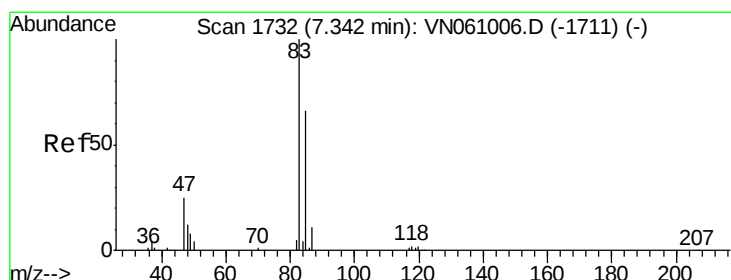
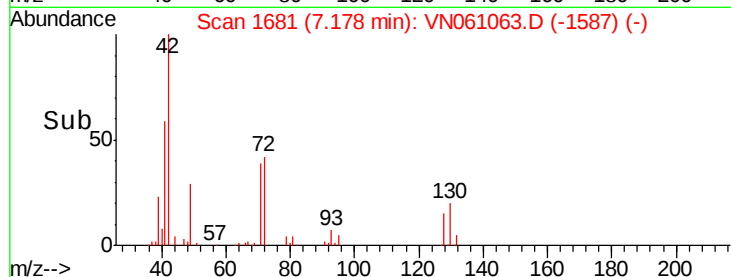
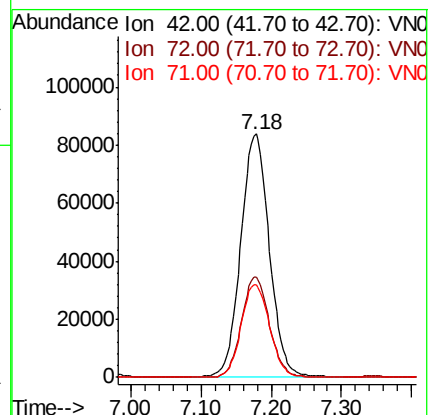
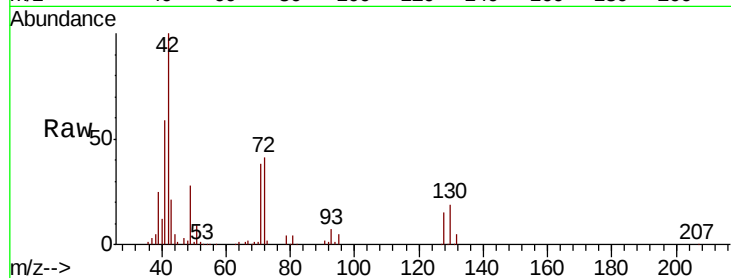
Tot Ion: 42 Resp: 238050

Ion Ratio Lower Upper

42 100

72 40.0 32.1 48.1

71 37.9 30.5 45.7



#30

Chloroform

Concen: 50.811 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VN061063.D

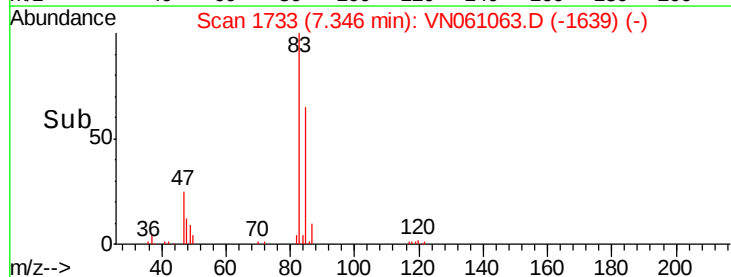
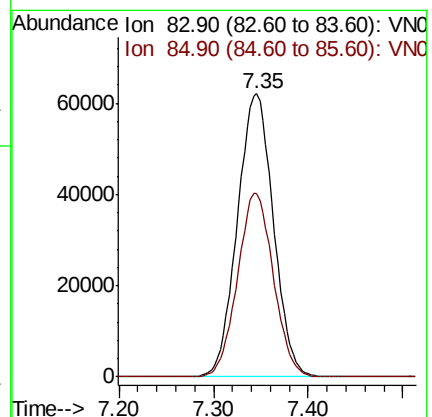
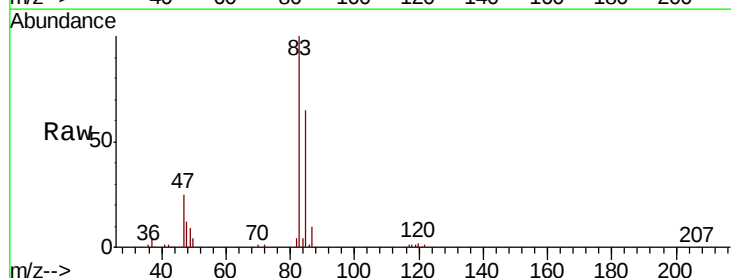
Acq: 17 Apr 2020 19:55

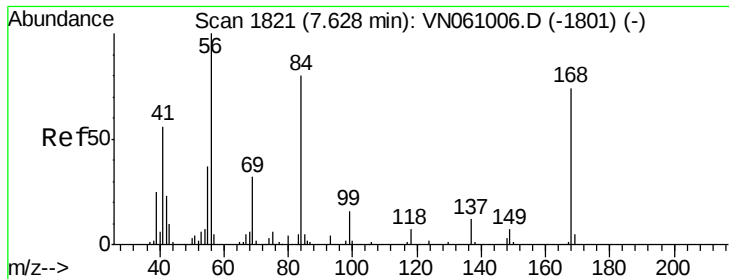
Tgt Ion: 83 Resp: 164202

Ion Ratio Lower Upper

83 100

85 64.7 52.8 79.2





#31

Cyclohexane

Concen: 43.407 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB180-GW-403-405MS

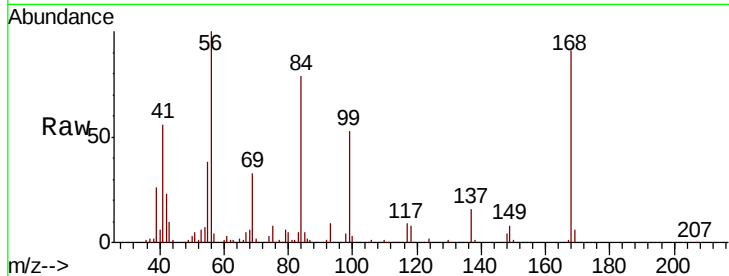
Tot Ion: 56 Resp: 154326

Ion Ratio Lower Upper

56 100

69 32.7 25.6 38.4

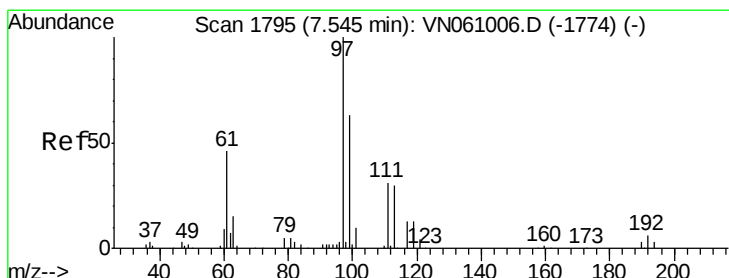
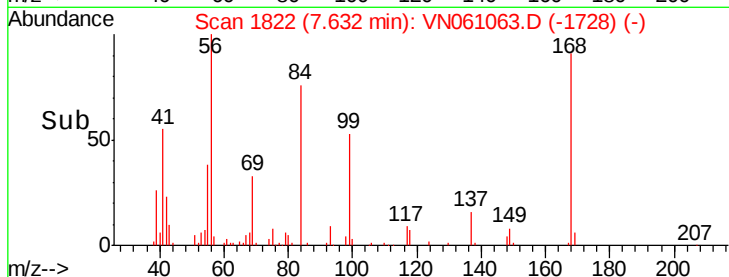
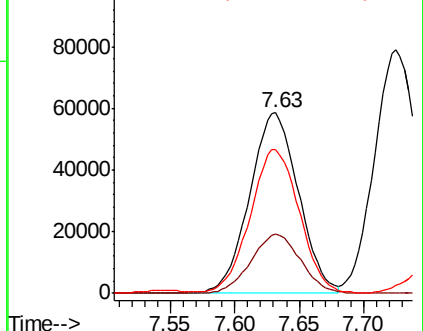
84 78.6 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VN061006.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN061006.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN061006.D (-1801) (-)



#32

1,1,1-Trichloroethane

Concen: 49.954 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

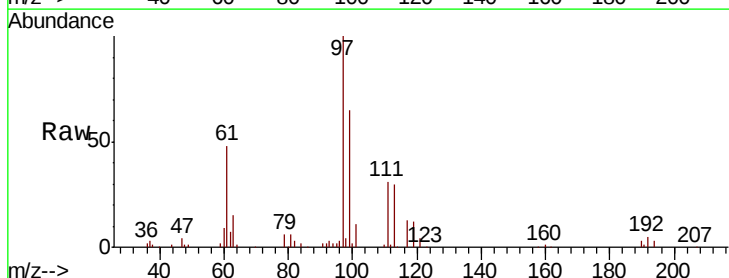
Tgt Ion: 97 Resp: 139633

Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

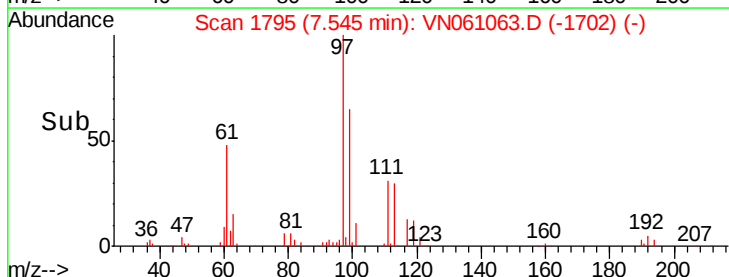
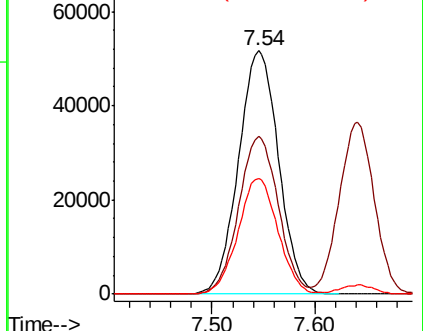
61 47.3 37.0 55.6

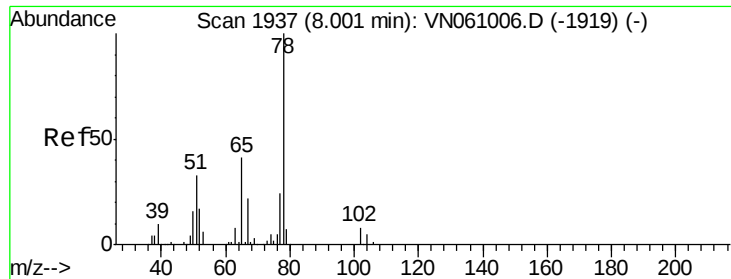


Abundance Ion 96.90 (96.60 to 97.60): VN061006.D (-1774) (-)

Ion 98.90 (98.60 to 99.60): VN061006.D (-1774) (-)

Ion 60.90 (60.60 to 61.60): VN061006.D (-1774) (-)





#33

1,2-Dichloroethane-d4

Concen: 50.019 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

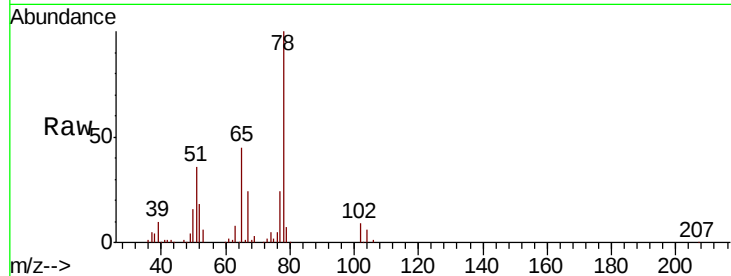
BP-VPB180-GW-403-405MS

Tot Ion: 65 Resp: 95465

Ion Ratio Lower Upper

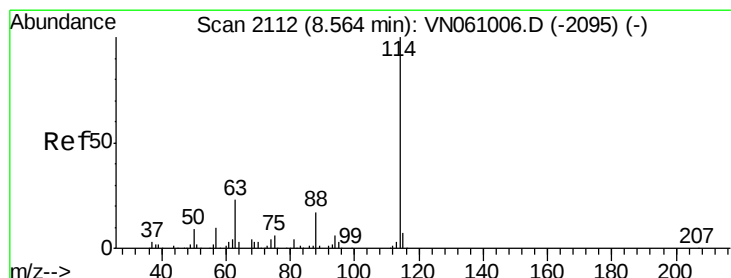
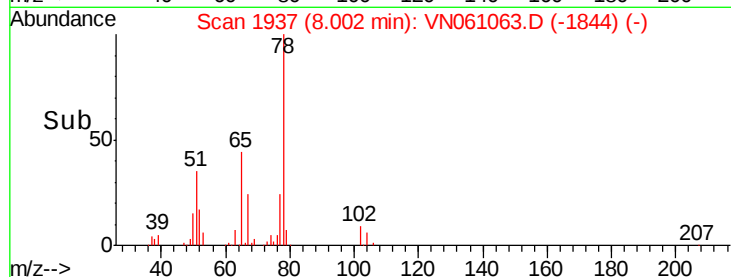
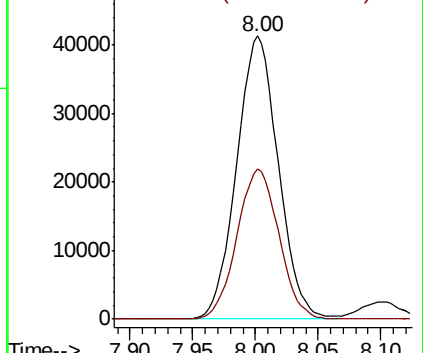
65 100

67 53.3 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

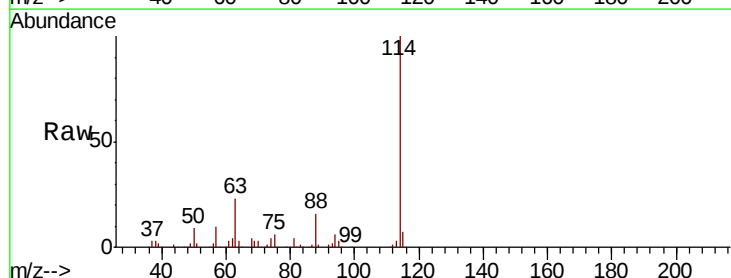
Tgt Ion: 114 Resp: 255722

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.2

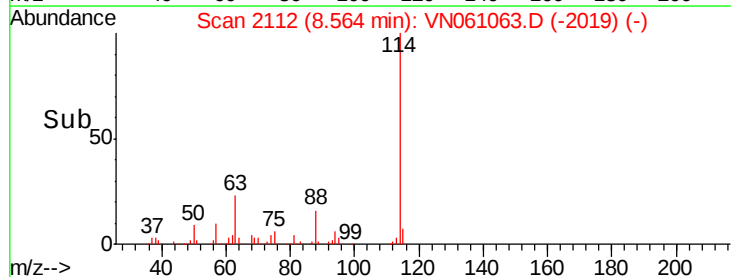
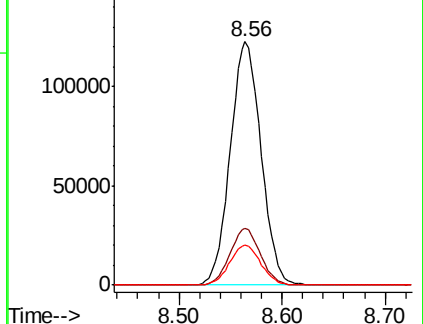
88 16.4 0.0 33.4

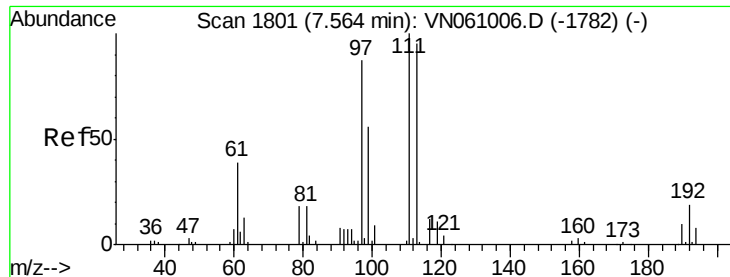


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

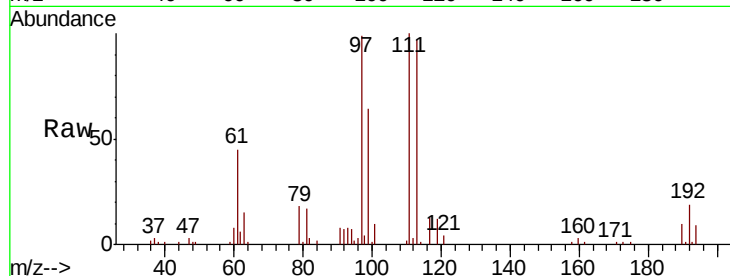




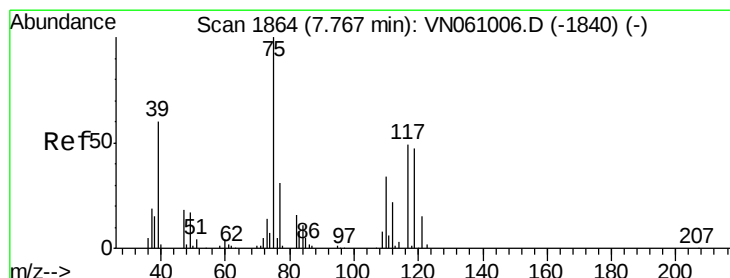
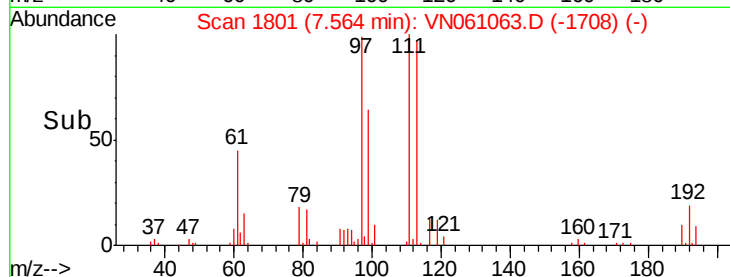
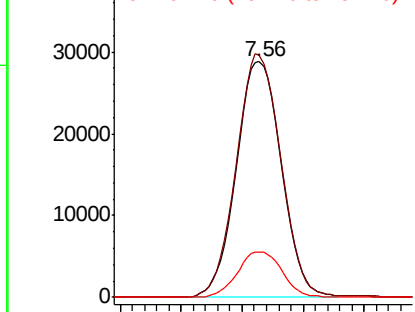
#35  
 Dibromofluoromethane  
 Concen: 49.428 ug/l  
 RT: 7.56 min Scan# 1801  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB180-GW-403-405MS

Tot Ion:113 Resp: 73815  
 Ion Ratio Lower Upper  
 113 100  
 111 102.6 83.4 125.2  
 192 19.0 15.5 23.3

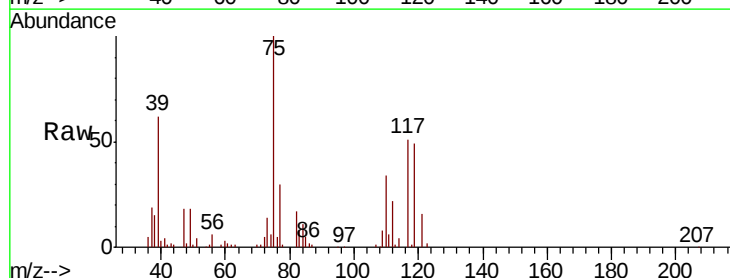


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

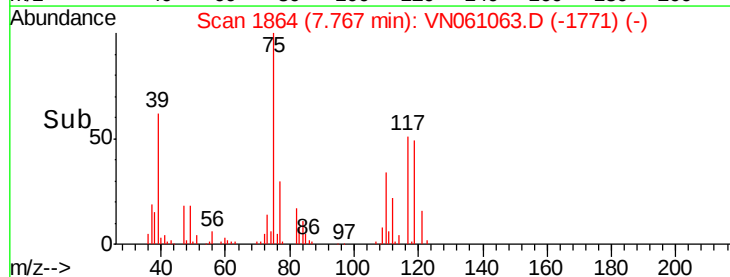
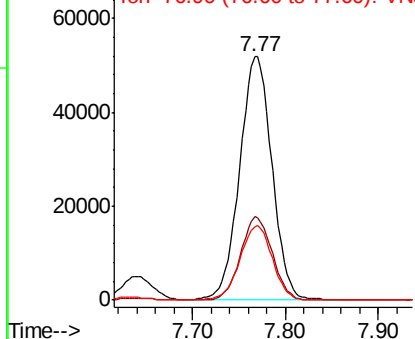


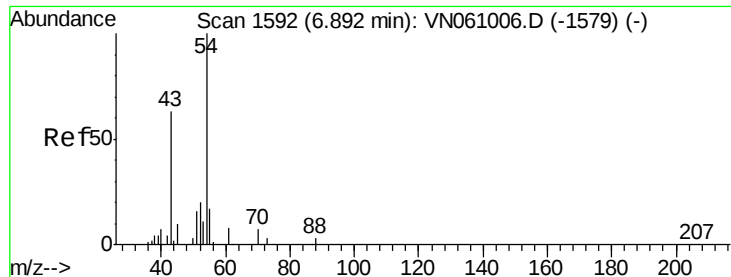
#36  
 1,1-Dichloropropene  
 Concen: 47.627 ug/l  
 RT: 7.77 min Scan# 1864  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Tgt Ion: 75 Resp: 125680  
 Ion Ratio Lower Upper  
 75 100  
 110 33.3 16.8 50.3  
 77 30.6 24.7 37.1



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

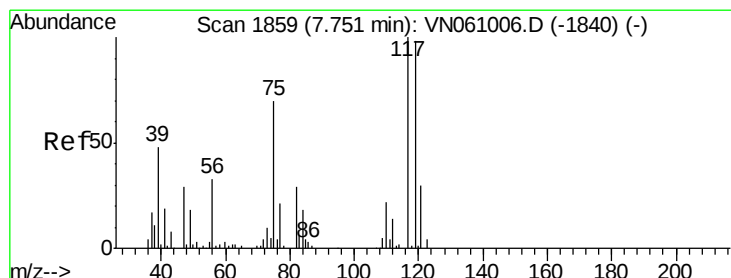
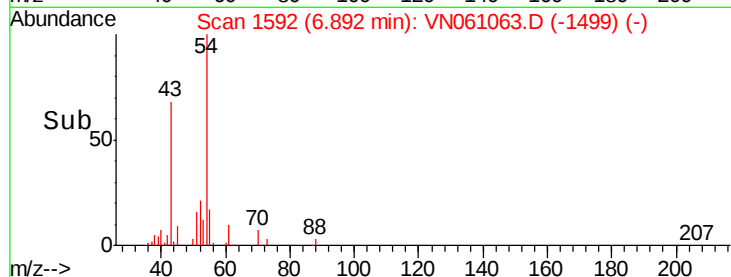
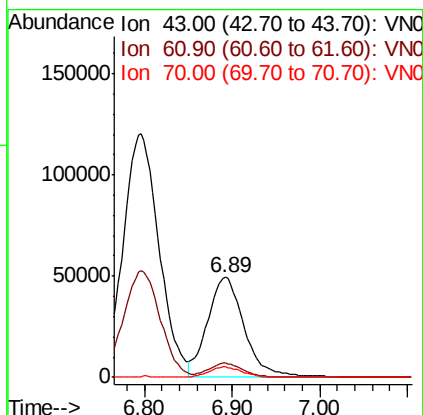
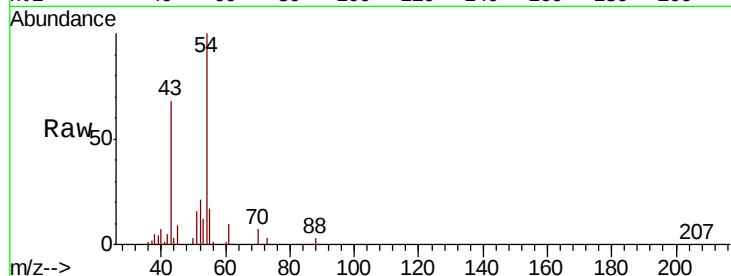




#37  
Ethyl Acetate  
Concen: 49.622 ug/l  
RT: 6.89 min Scan# 1592  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

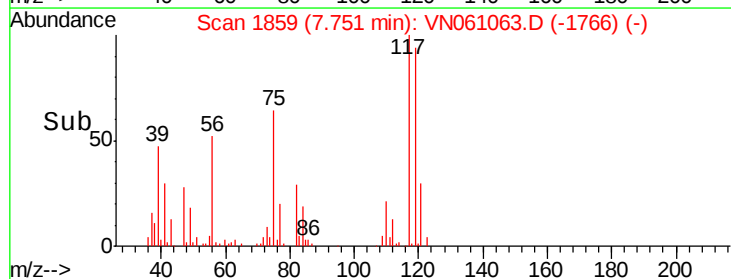
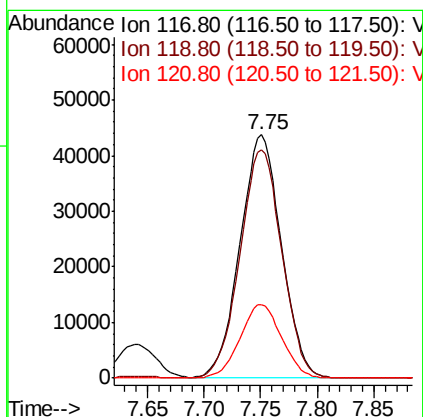
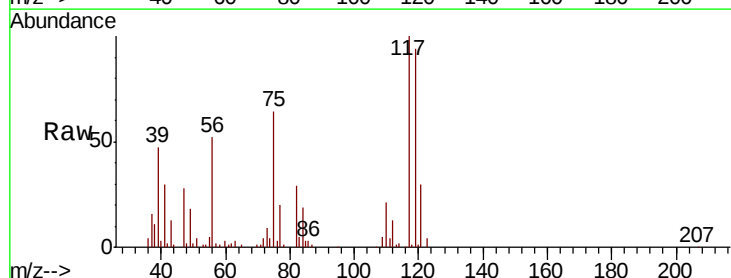
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB180-GW-403-405MS

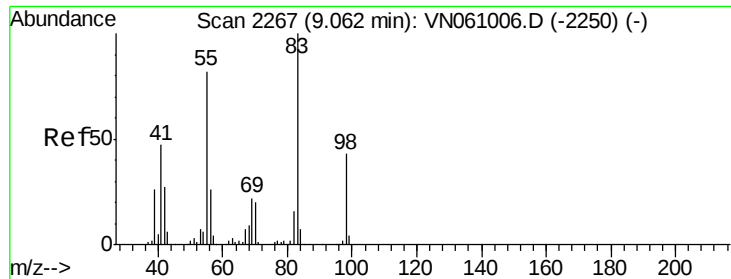
Tot Ion: 43 Resp: 142182  
Ion Ratio Lower Upper  
43 100  
61 13.3 10.9 16.3  
70 9.6 7.7 11.5



#38  
Carbon Tetrachloride  
Concen: 50.647 ug/l  
RT: 7.75 min Scan# 1859  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

Tgt Ion: 117 Resp: 111246  
Ion Ratio Lower Upper  
117 100  
119 94.0 78.1 117.1  
121 30.2 24.0 36.0

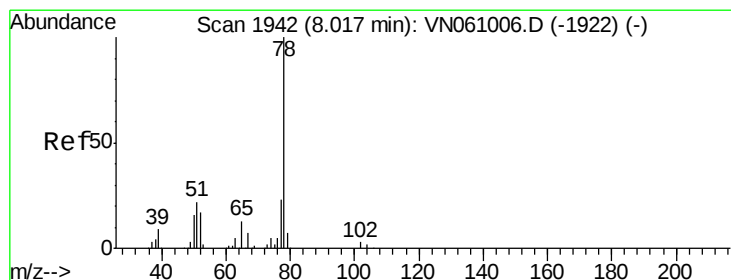
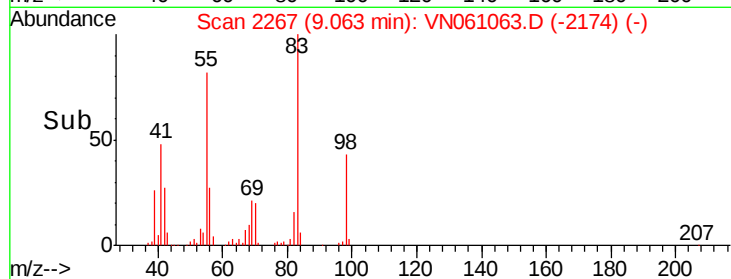
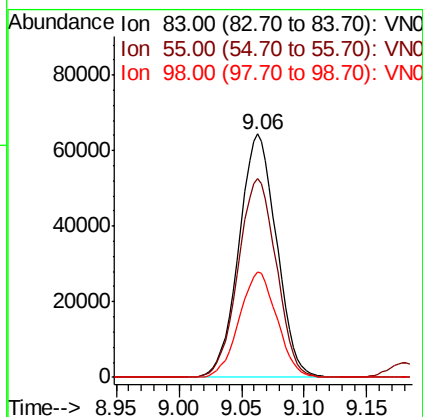
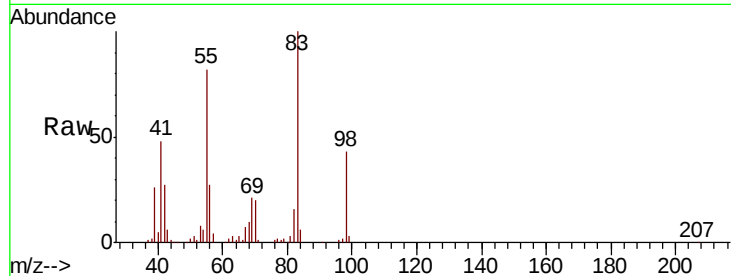




#39  
Methvlcvclohexane  
Concen: 42.430 ug/l  
RT: 9.06 min Scan# 2267  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

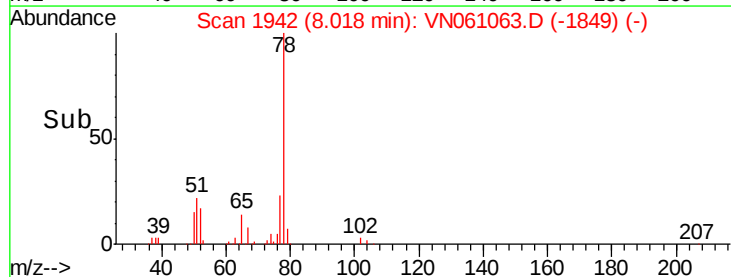
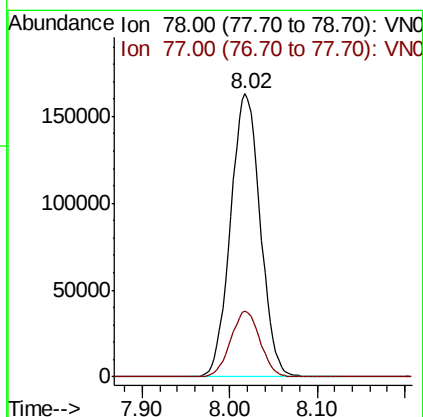
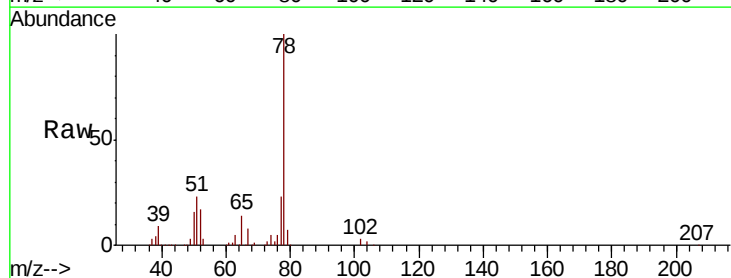
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB180-GW-403-405MS

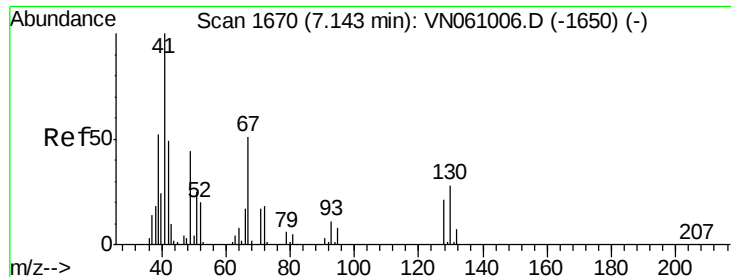
Tot Ion: 83 Resp: 133859  
Ion Ratio Lower Upper  
83 100  
55 81.8 65.4 98.0  
98 43.3 34.6 51.8



#40  
Benzene  
Concen: 49.115 ug/l  
RT: 8.02 min Scan# 1942  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

Tgt Ion: 78 Resp: 384499  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.8 28.2

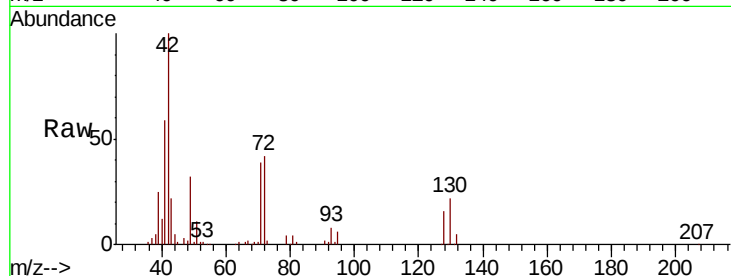




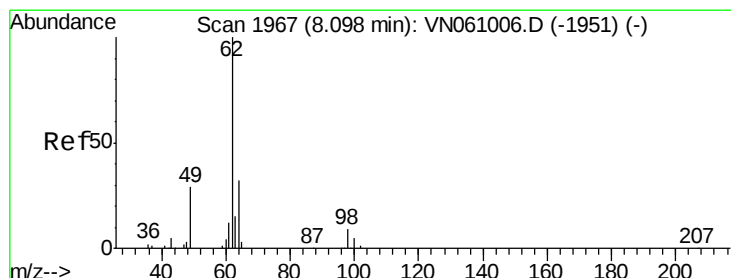
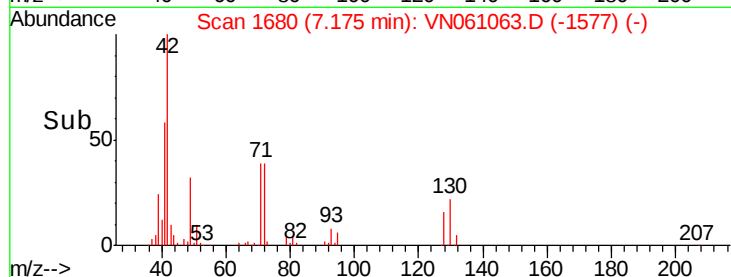
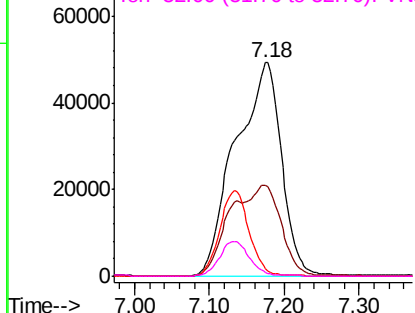
#41  
Methacrylonitrile  
Concen: 176.241 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. 0.03 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB180-GW-403-405MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 210631 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 0.0   | 0.0   | 0.0    |
| 67       | 0.0   | 0.0   | 0.0    |
| 52       | 0.0   | 0.0   | 0.0    |

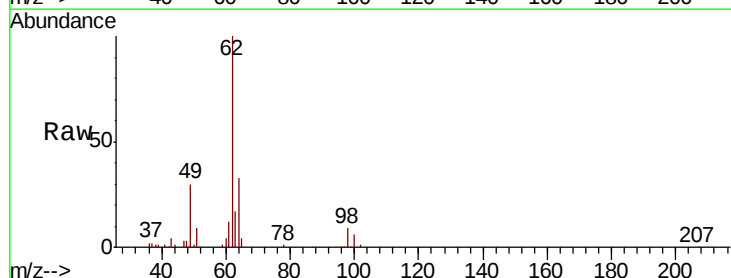


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

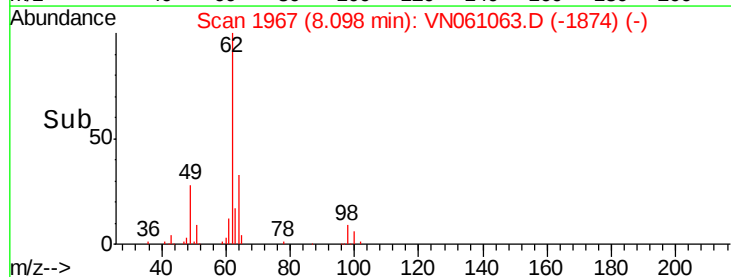
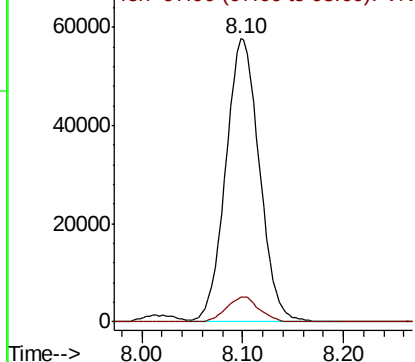


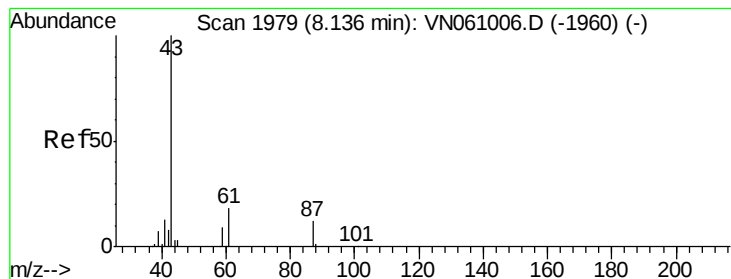
#42  
1,2-Dichloroethane  
Concen: 50.369 ug/l  
RT: 8.10 min Scan# 1967  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 134326 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.5   | 0.0   | 17.2   |



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



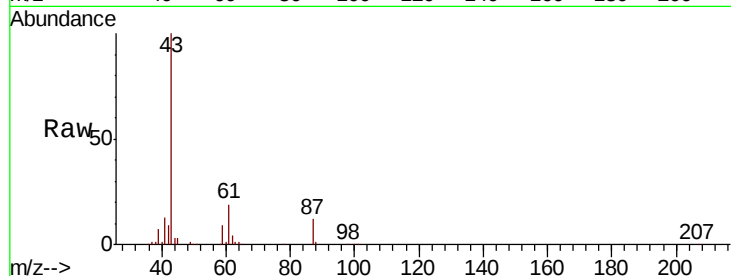


#43

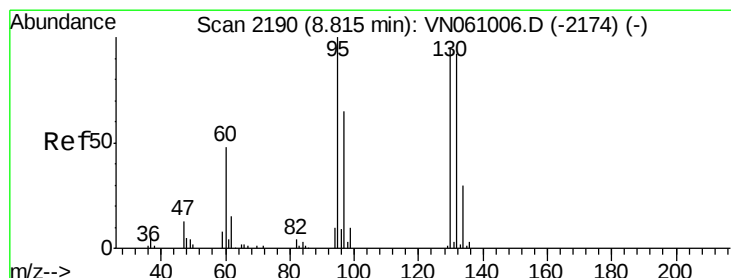
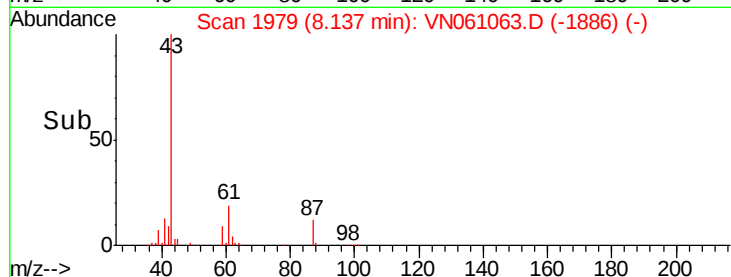
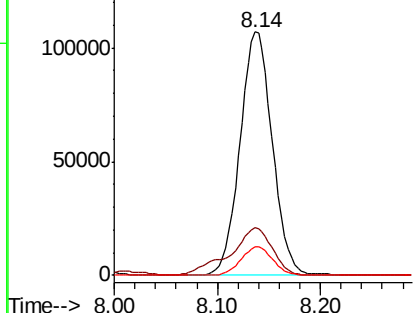
Isopropyl Acetate  
 Concen: 50.003 ug/l  
 RT: 8.14 min Scan# 1979  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB180-GW-403-405MS

Tot Ion: 43 Resp: 233022  
 Ion Ratio Lower Upper  
 43 100  
 61 25.6 20.3 30.5  
 87 11.6 9.4 14.2



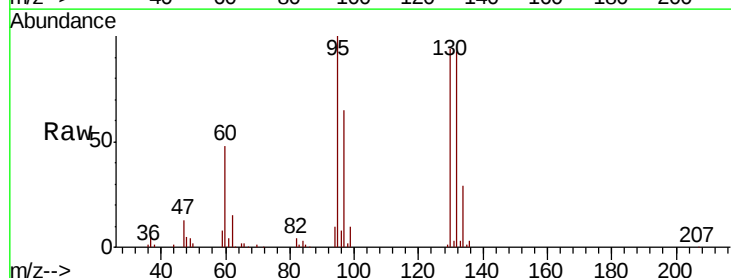
Abundance Ion 43.00 (42.70 to 43.70): VN0  
 Ion 61.00 (60.70 to 61.70): VN0  
 Ion 87.00 (86.70 to 87.70): VN0



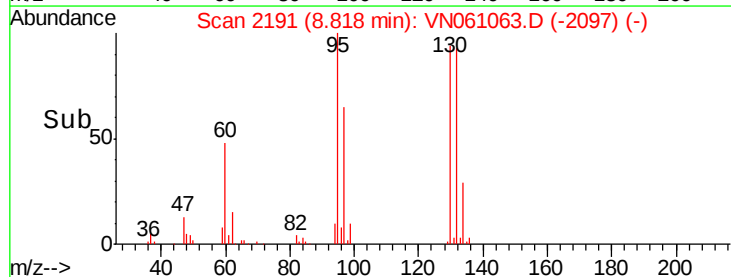
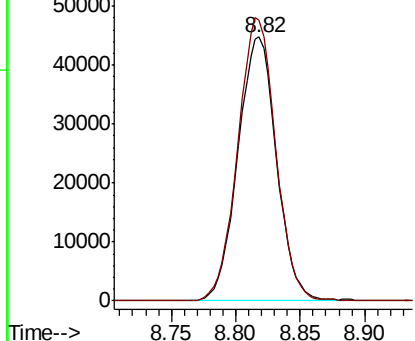
#44

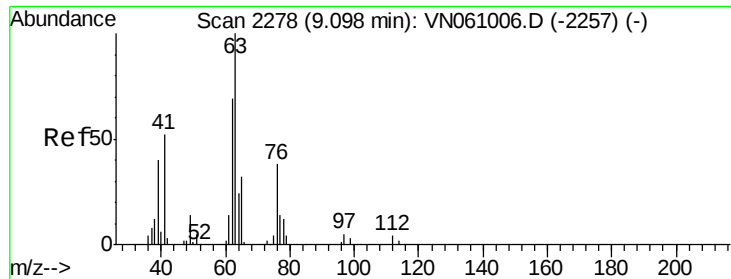
Trichloroethene  
 Concen: 47.462 ug/l  
 RT: 8.82 min Scan# 2191  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Tgt Ion: 130 Resp: 93362  
 Ion Ratio Lower Upper  
 130 100  
 95 106.5 0.0 210.0



Abundance Ion 129.80 (129.50 to 130.50): V  
 Ion 94.90 (94.60 to 95.60): VN0

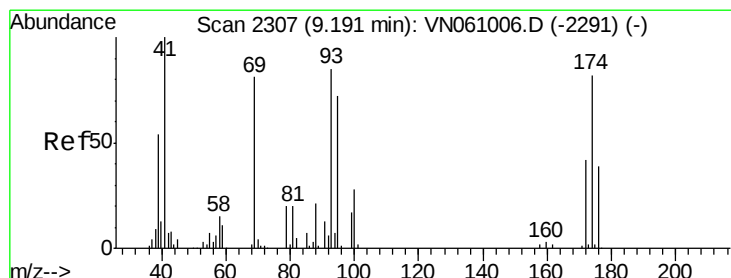
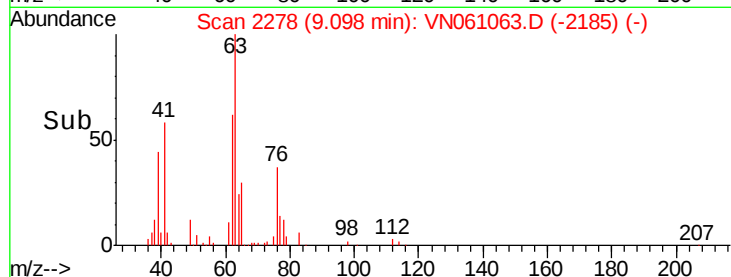
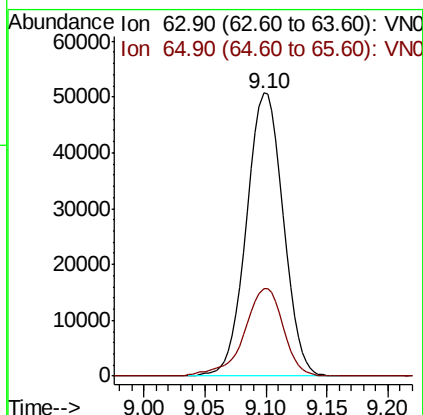
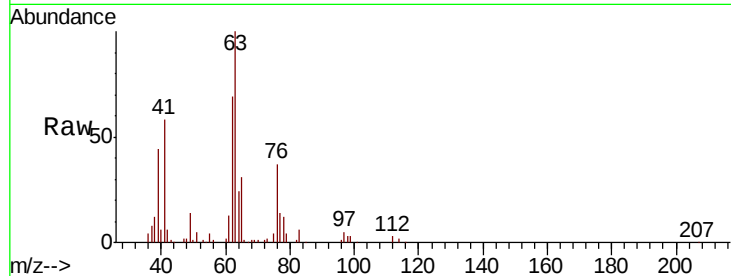




#45  
 1,2-Dichloropropane  
 Concen: 50.049 ug/l  
 RT: 9.10 min Scan# 2278  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

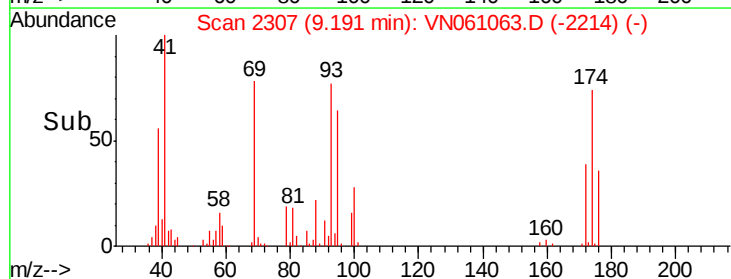
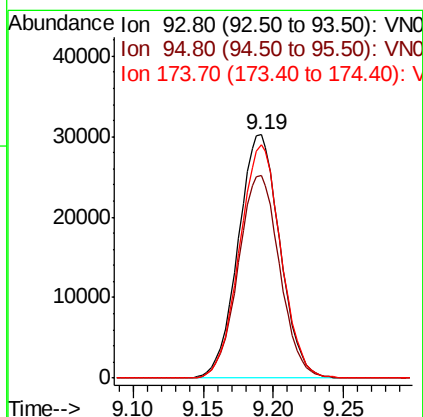
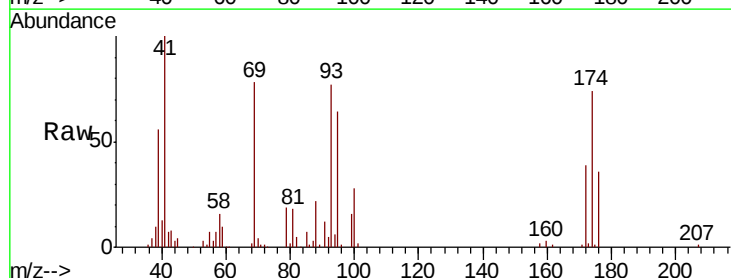
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB180-GW-403-405MS

Tot Ion: 63 Resp: 105829  
 Ion Ratio Lower Upper  
 63 100  
 65 30.9 25.2 37.8



#46  
 Dibromomethane  
 Concen: 51.435 ug/l  
 RT: 9.19 min Scan# 2307  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Tgt Ion: 93 Resp: 62706  
 Ion Ratio Lower Upper  
 93 100  
 95 82.5 66.8 100.2  
 174 94.8 76.2 114.4

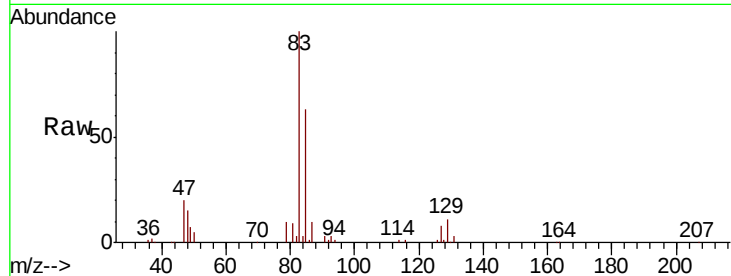




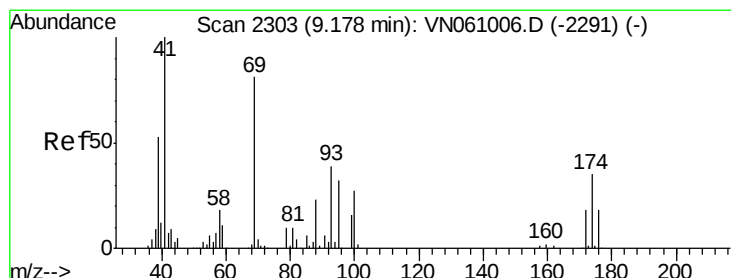
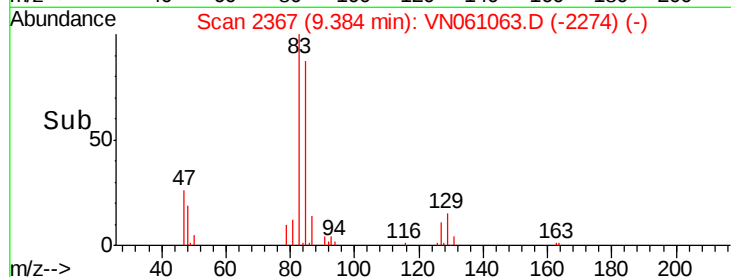
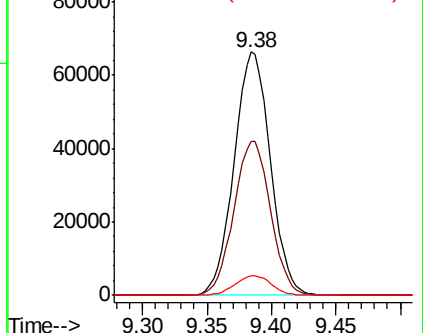
#47  
 Bromodichloromethane  
 Concen: 50.454 ug/l  
 RT: 9.38 min Scan# 2367  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB180-GW-403-405MS

Tot Ion: 83 Resp: 129943  
 Ion Ratio Lower Upper  
 83 100  
 85 63.4 50.6 76.0  
 127 8.0 6.1 9.1

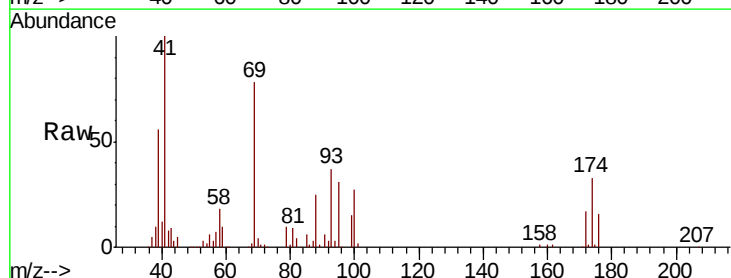


Abundance Ion 82.90 (82.60 to 83.60): VN0  
 Ion 84.90 (84.60 to 85.60): VN0  
 Ion 126.80 (126.50 to 127.50): V

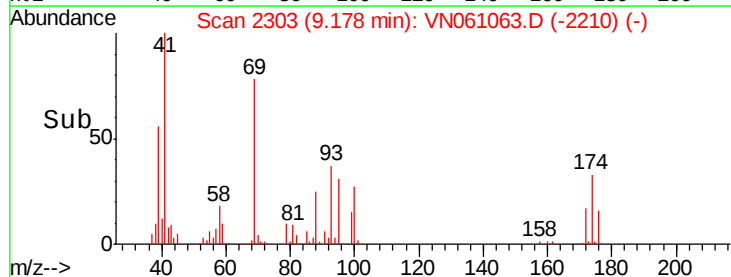
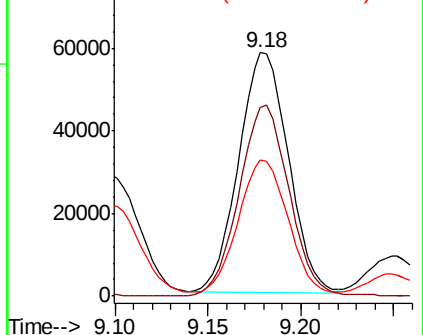


#48  
 Methyl methacrylate  
 Concen: 52.443 ug/l  
 RT: 9.18 min Scan# 2303  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Tgt Ion: 41 Resp: 108002  
 Ion Ratio Lower Upper  
 41 100  
 69 80.5 65.3 97.9  
 39 57.6 45.2 67.8



Abundance Ion 41.00 (40.70 to 41.70): VN0  
 Ion 69.00 (68.70 to 69.70): VN0  
 Ion 39.00 (38.70 to 39.70): VN0

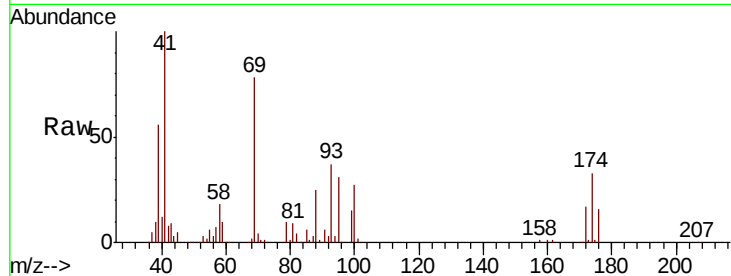




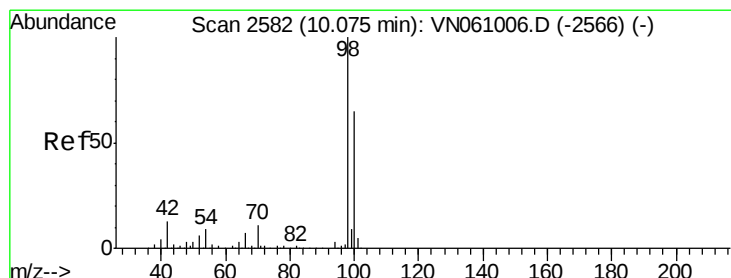
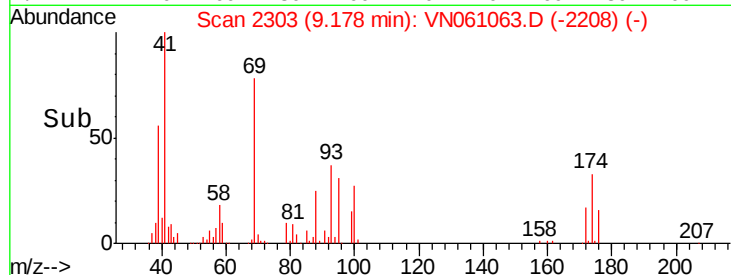
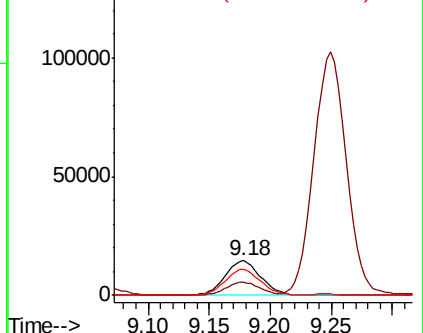
#49  
 1,4-Dioxane  
 Concen: 1046.591 ug/l  
 RT: 9.18 min Scan# 2303  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB180-GW-403-405MS

Tot Ion: 88 Resp: 29946  
 Ion Ratio Lower Upper  
 88 100  
 43 36.8 30.9 46.3  
 58 73.5 59.8 89.8

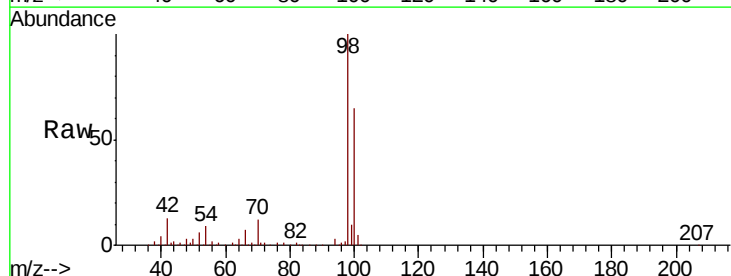


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

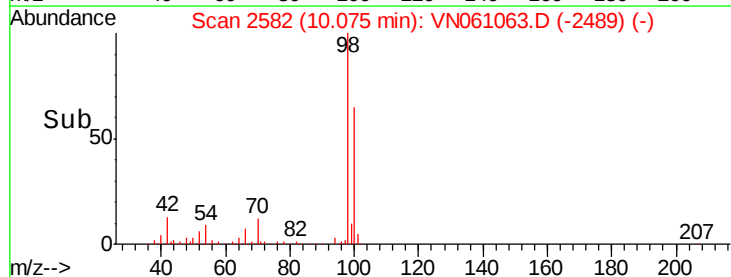
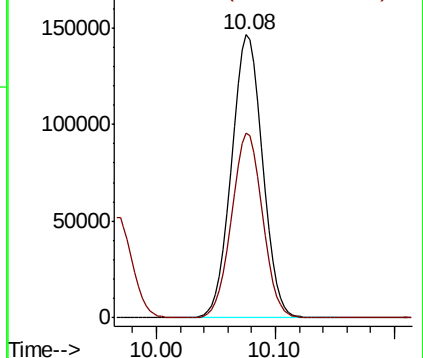


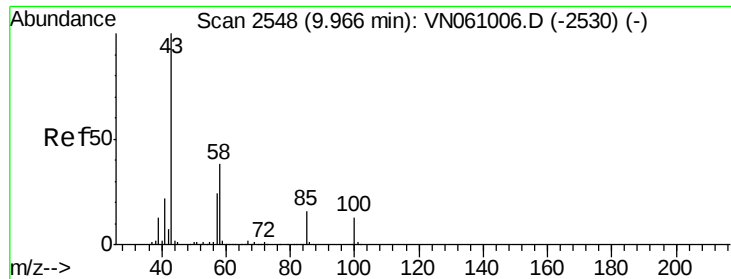
#50  
 Toluene-d8  
 Concen: 46.927 ug/l  
 RT: 10.08 min Scan# 2582  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Tgt Ion: 98 Resp: 264819  
 Ion Ratio Lower Upper  
 98 100  
 100 65.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0  
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 267.952 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

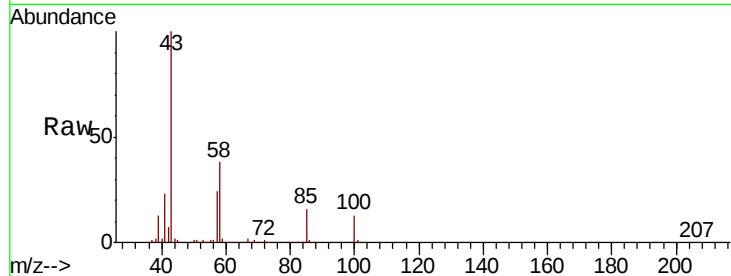
BP-VPB180-GW-403-405MS

Tot Ion: 43 Resp: 719825

Ion Ratio Lower Upper

43 100

58 38.0 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-2530) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-2530) (-)

9.97

400000

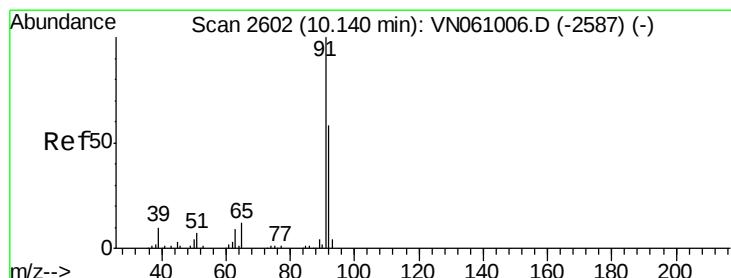
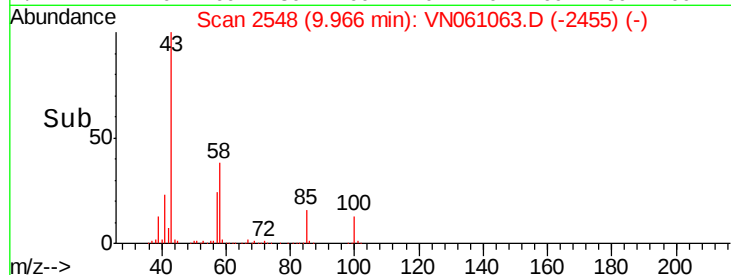
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.458 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. 0.00 min

Lab File: VN061063.D

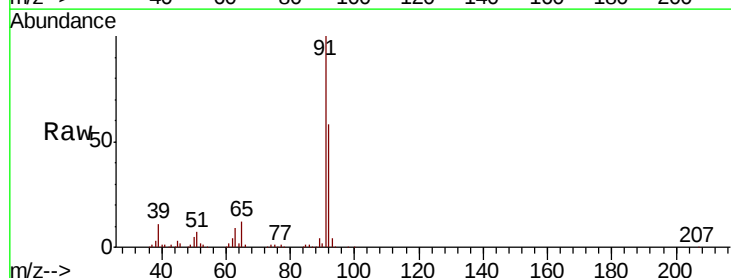
Acq: 17 Apr 2020 19:55

Tgt Ion: 92 Resp: 227580

Ion Ratio Lower Upper

92 100

91 175.1 137.7 206.5



Abundance Ion 92.00 (91.70 to 92.70): VN061006.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN061006.D (-2587) (-)

250000

200000

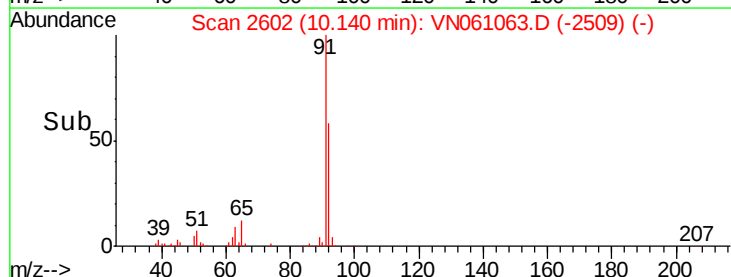
150000

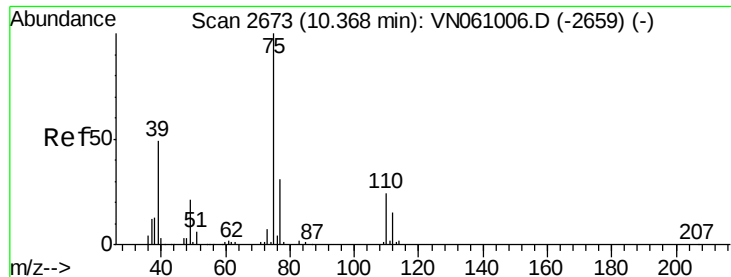
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.042 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

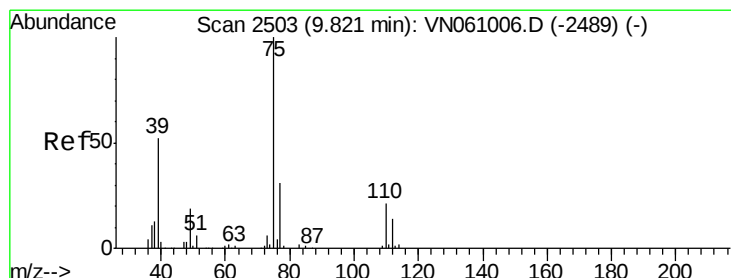
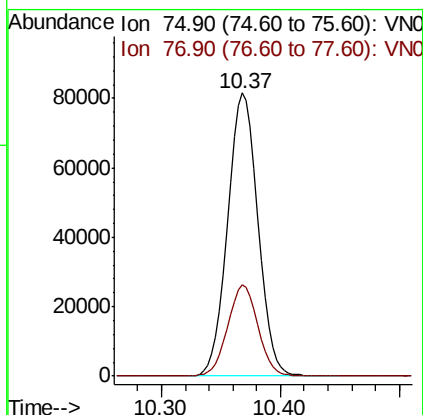
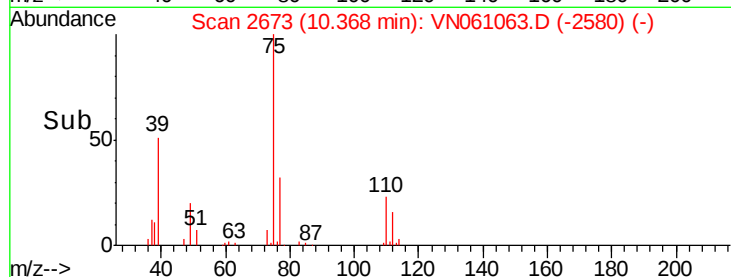
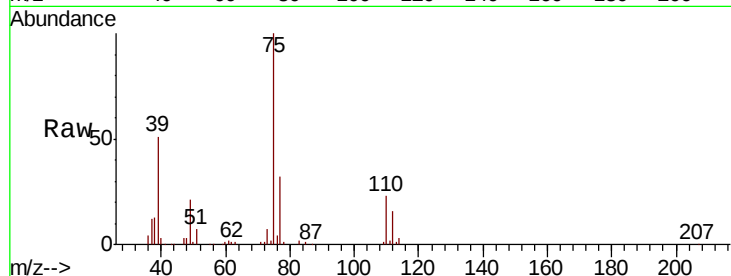
BP-VPB180-GW-403-405MS

Tot Ion: 75 Resp: 143723

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 47.530 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

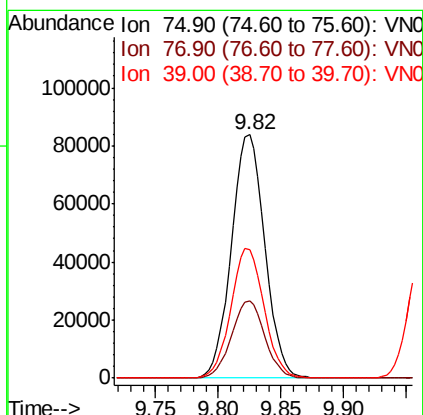
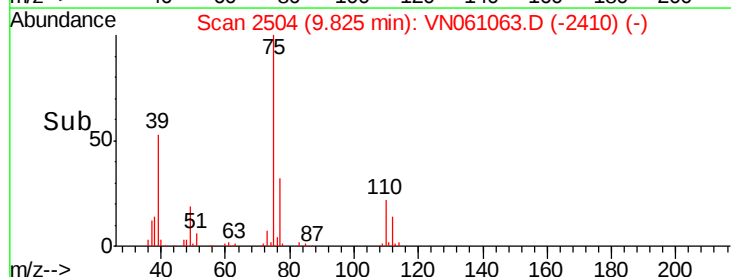
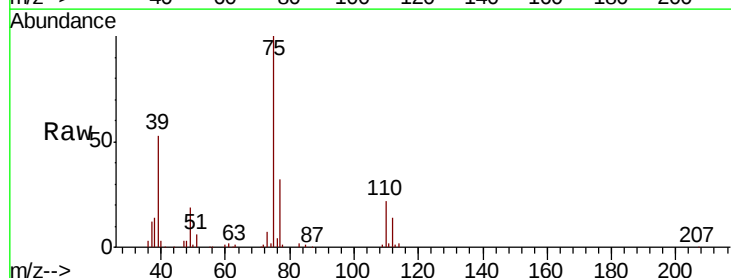
Tgt Ion: 75 Resp: 155143

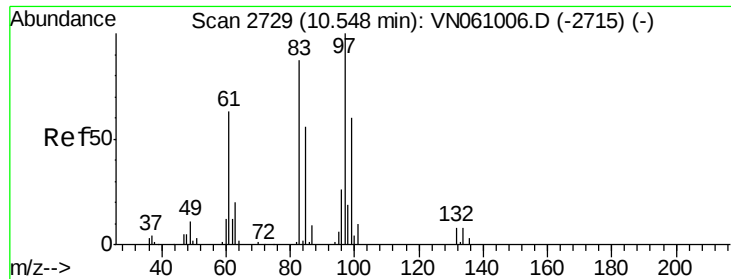
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

39 52.6 41.4 62.2

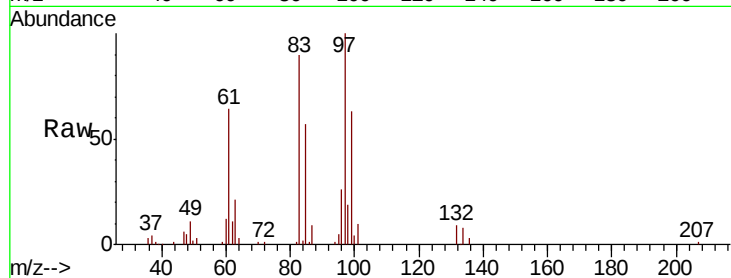




#55  
 1,1,2-Trichloroethane  
 Concen: 50.314 ug/l  
 RT: 10.55 min Scan# 2730  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB180-GW-403-405MS

| Tot Ion | 97    | Resp  | 89422 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 97      | 100   |       |       |
| 83      | 90.1  | 69.5  | 104.3 |
| 85      | 56.9  | 45.0  | 67.4  |
| 99      | 62.9  | 47.9  | 71.9  |



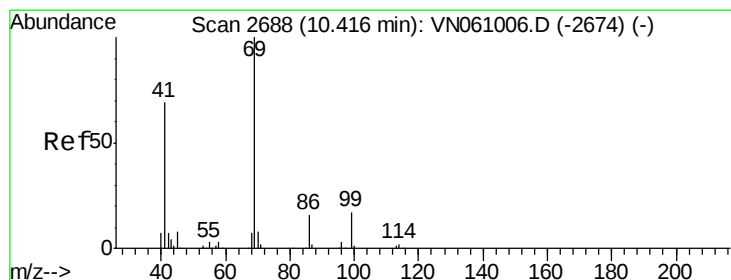
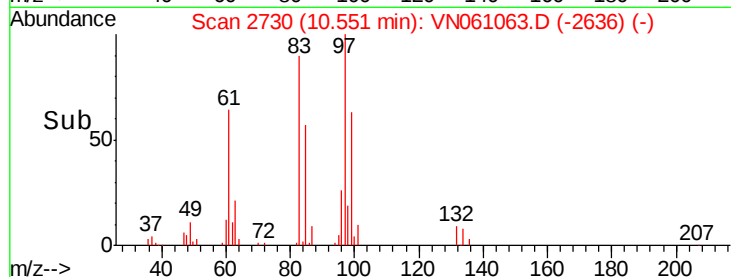
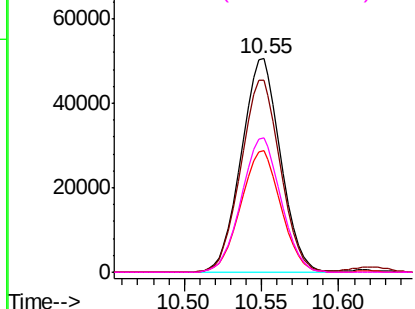
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

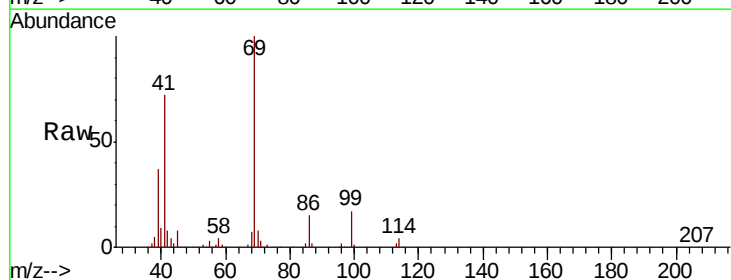
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56  
 Ethyl methacrylate  
 Concen: 52.674 ug/l  
 RT: 10.42 min Scan# 2688  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

| Tgt Ion | 69    | Resp  | 147209 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 69      | 100   |       |        |
| 41      | 70.8  | 56.7  | 85.1   |
| 39      | 37.7  | 29.4  | 44.0   |

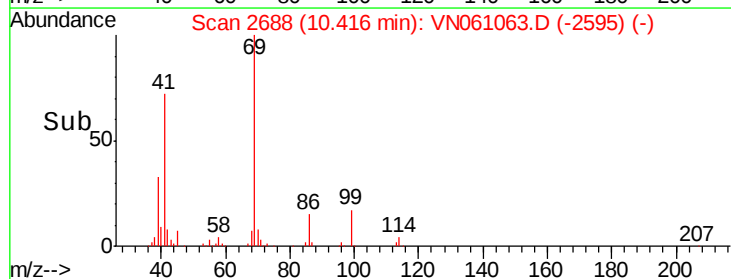
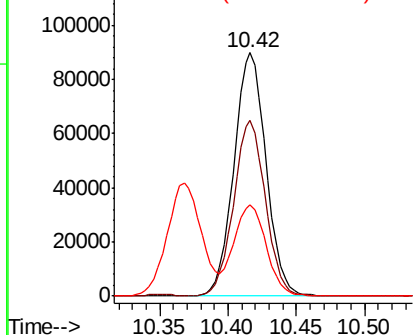


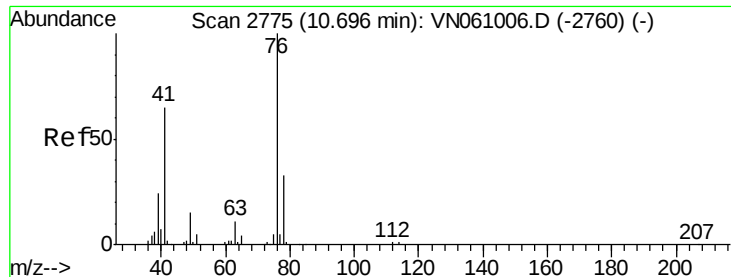
Abundance

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: 50.217 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

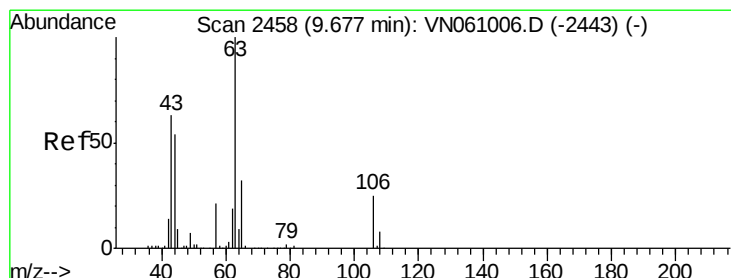
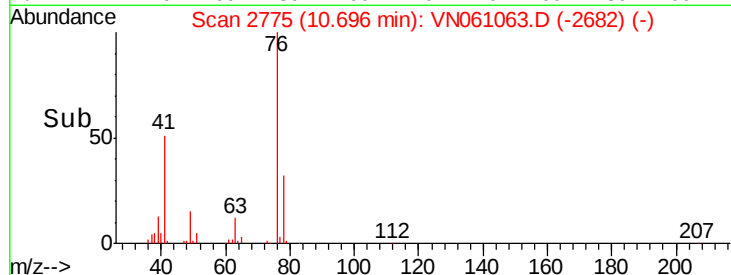
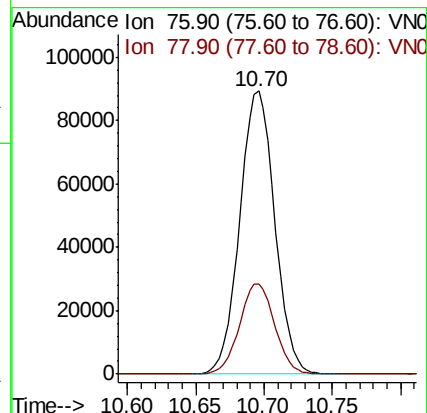
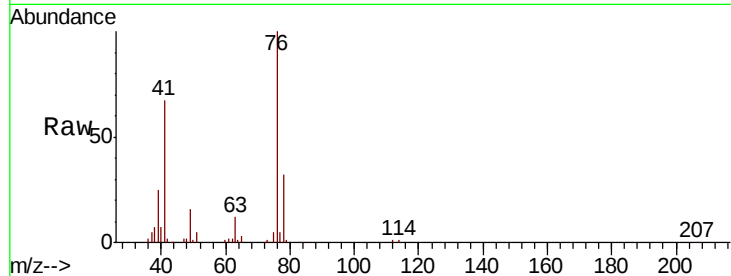
BP-VPB180-GW-403-405MS

Tot Ion: 76 Resp: 159195

Ion Ratio Lower Upper

76 100

78 32.0 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 0.661 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. 0.14 min

Lab File: VN061063.D

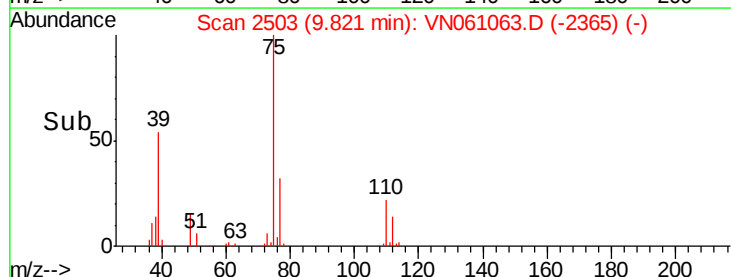
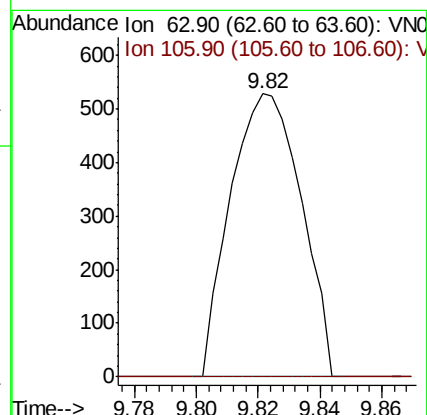
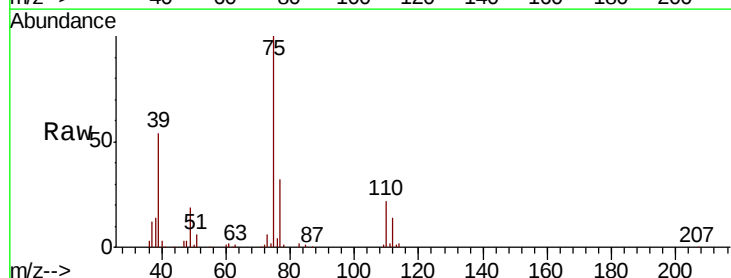
Acq: 17 Apr 2020 19:55

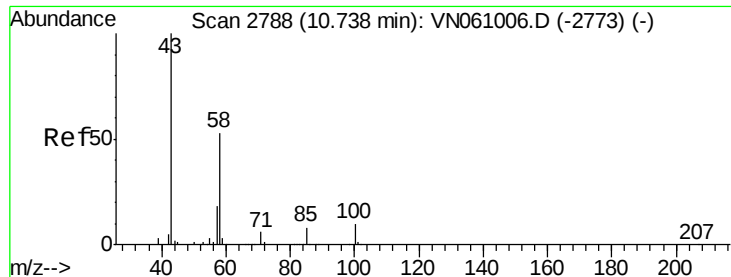
Tgt Ion: 63 Resp: 840

Ion Ratio Lower Upper

63 100

106 0.0 19.5 29.3#

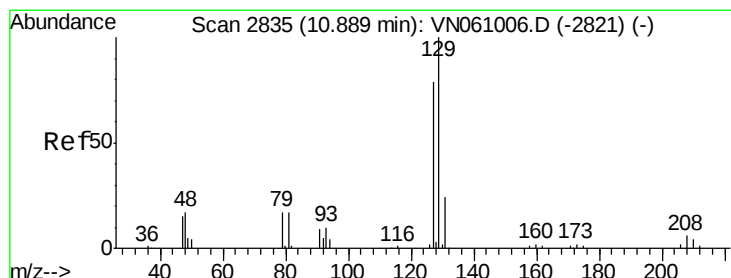
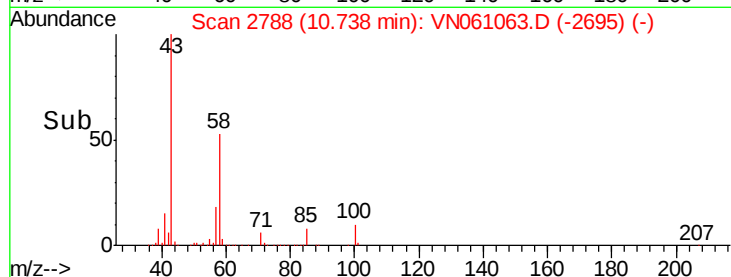
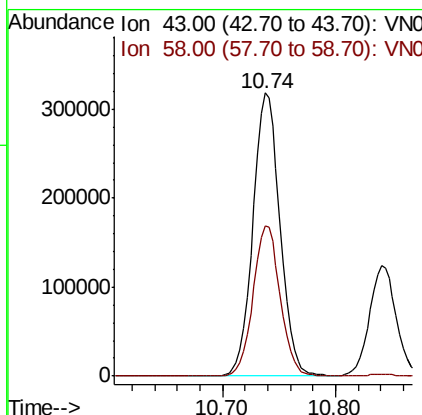
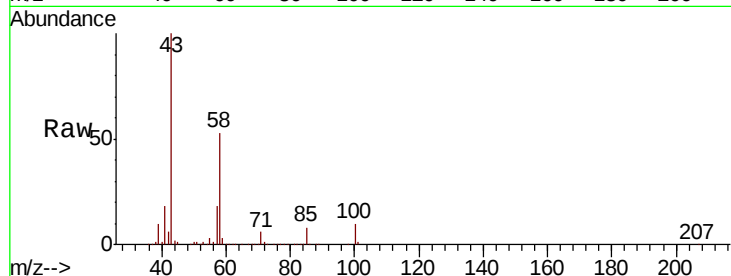




#59  
2-Hexanone  
Concen: 272.854 ug/l  
RT: 10.74 min Scan# 2788  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

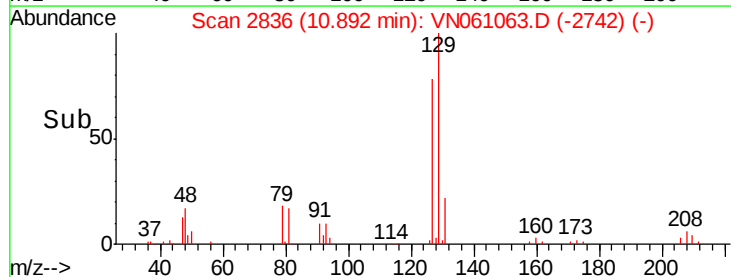
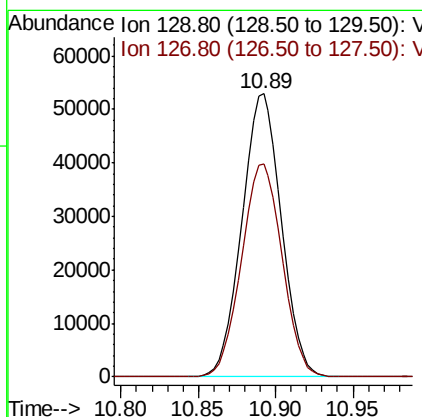
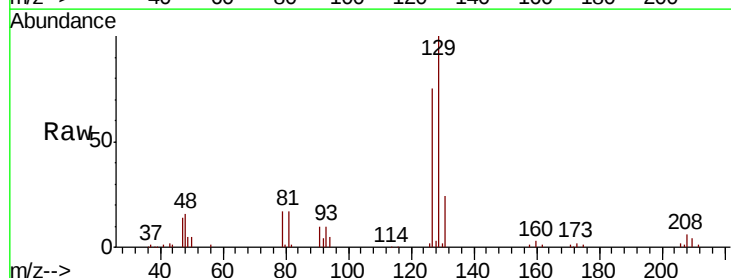
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB180-GW-403-405MS

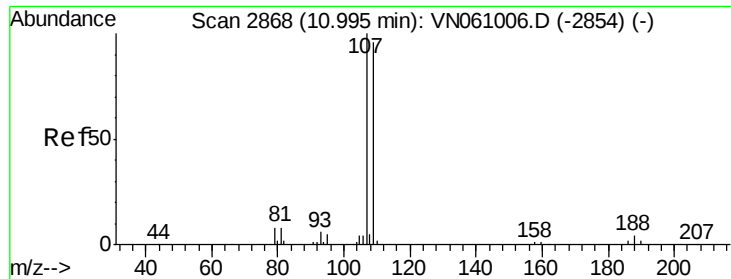
Tot Ion: 43 Resp: 528620  
Ion Ratio Lower Upper  
43 100  
58 52.8 26.4 79.0



#60  
Dibromochloromethane  
Concen: 51.540 ug/l  
RT: 10.89 min Scan# 2836  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

Tgt Ion: 129 Resp: 94096  
Ion Ratio Lower Upper  
129 100  
127 77.3 39.0 116.9

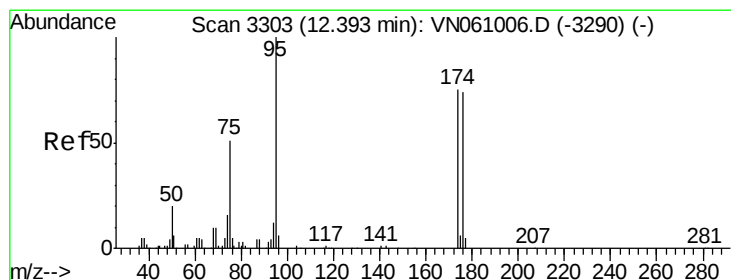
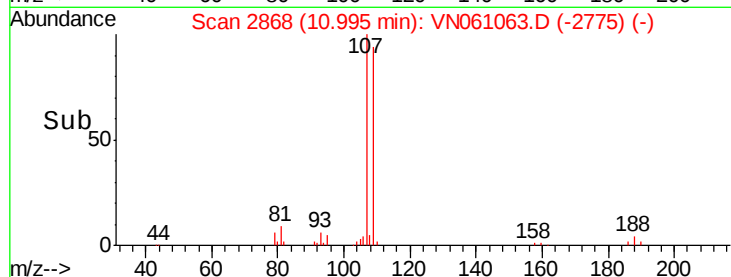
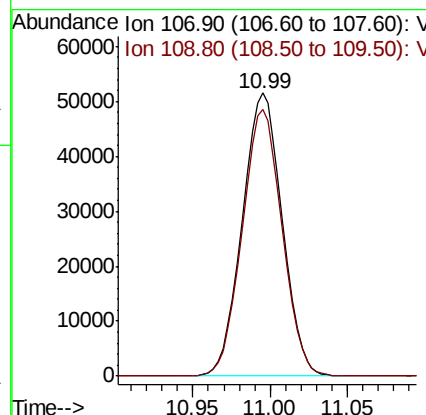
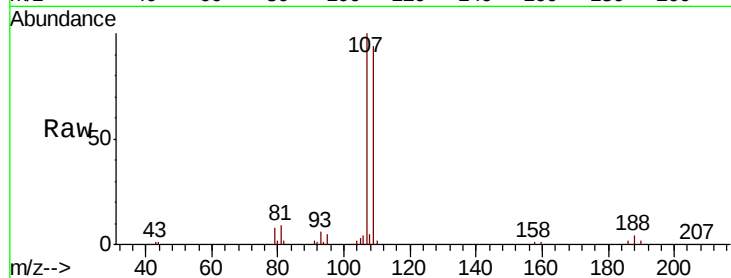




#61  
 1,2-Dibromoethane  
 Concen: 50.997 ug/l  
 RT: 10.99 min Scan# 2868  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

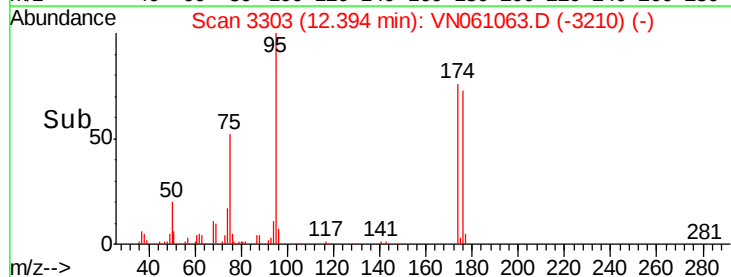
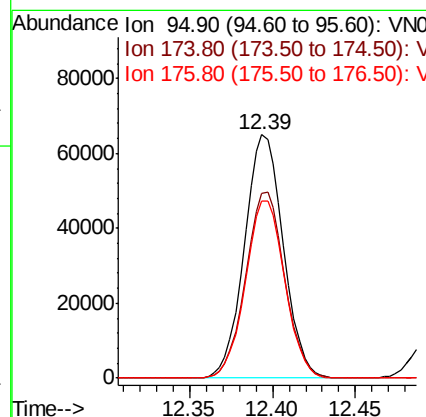
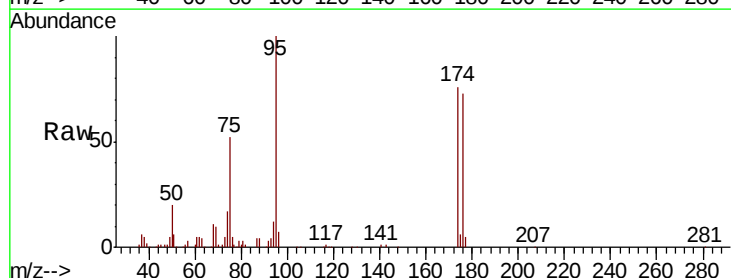
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB180-GW-403-405MS

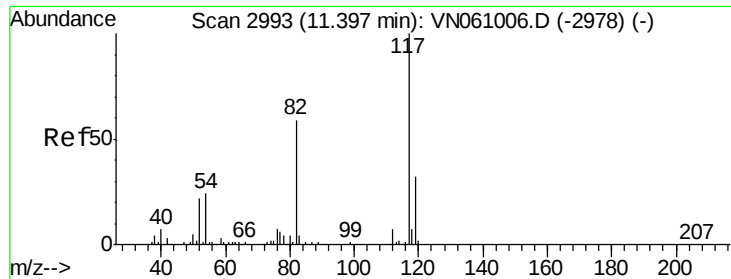
Tot Ion: 107 Resp: 92357  
 Ion Ratio Lower Upper  
 107 100  
 109 94.2 75.9 113.9



#62  
 4-Bromofluorobenzene  
 Concen: 47.820 ug/l  
 RT: 12.39 min Scan# 3303  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Tgt Ion: 95 Resp: 105766  
 Ion Ratio Lower Upper  
 95 100  
 174 76.6 0.0 151.2  
 176 73.6 0.0 148.2

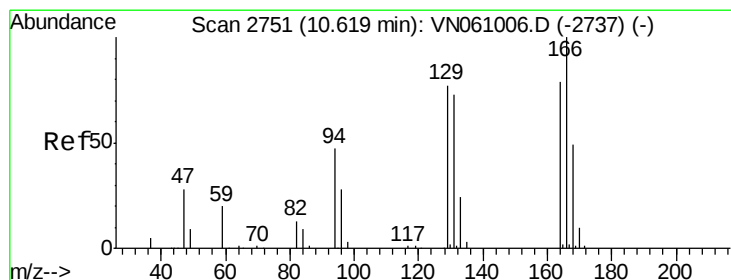
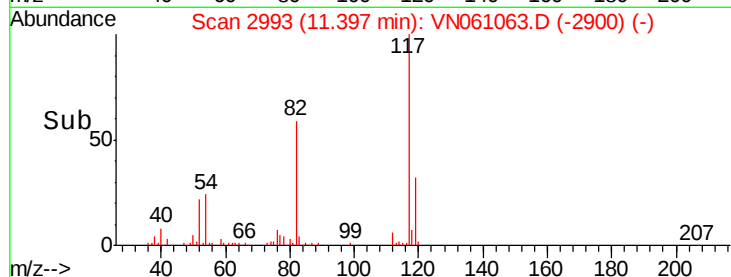
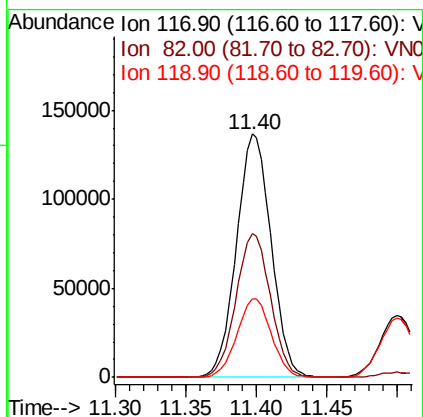
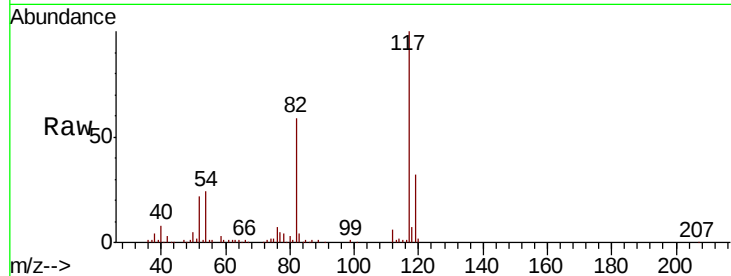




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2993  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

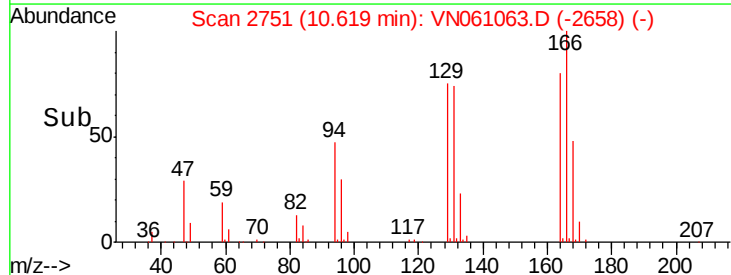
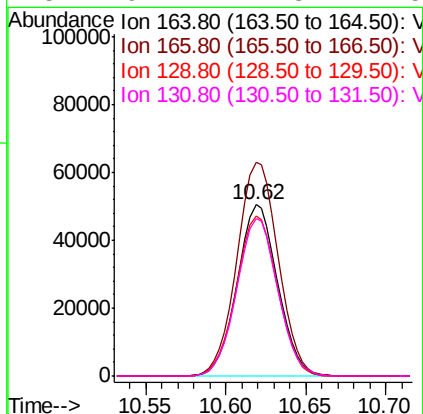
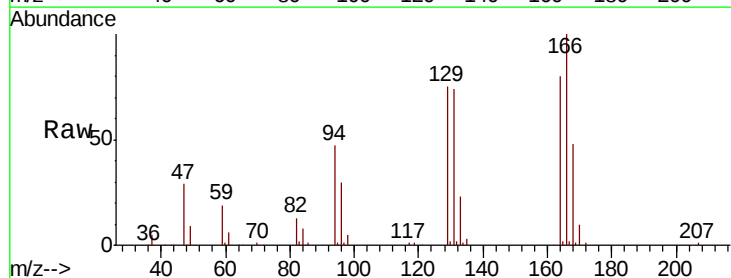
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB180-GW-403-405MS

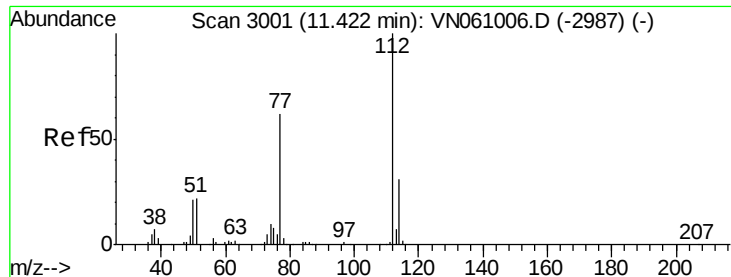
Tot Ion:117 Resp: 235324  
Ion Ratio Lower Upper  
117 100  
82 59.1 47.1 70.7  
119 32.4 25.7 38.5



#64  
Tetrachloroethene  
Concen: 48.222 ug/l  
RT: 10.62 min Scan# 2751  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

Tgt Ion:164 Resp: 86835  
Ion Ratio Lower Upper  
164 100  
166 124.7 101.6 152.4  
129 93.3 78.5 117.7  
131 91.7 74.3 111.5

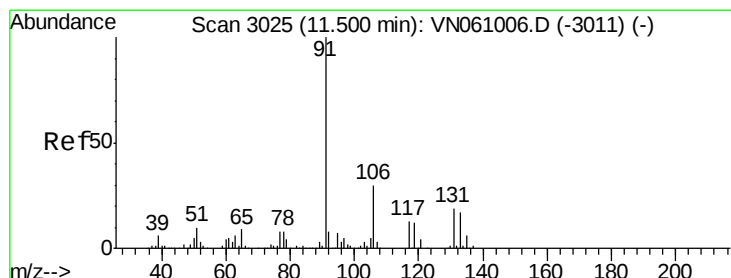
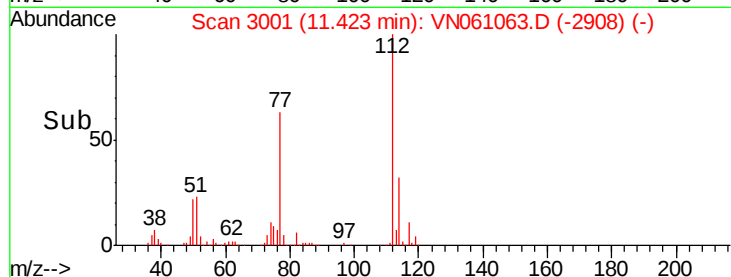
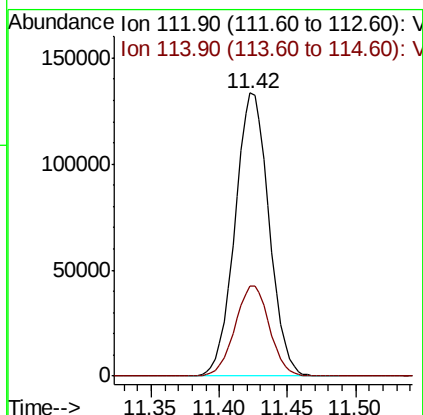
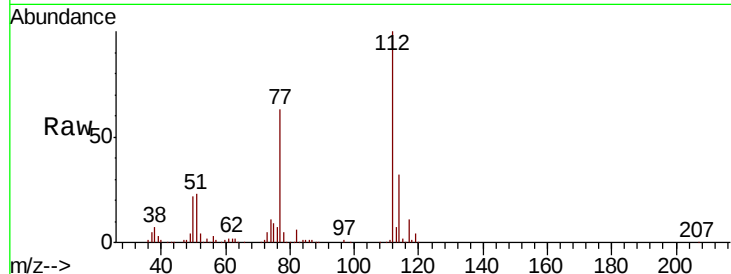




#65  
Chlorobenzene  
Concen: 47.574 ug/l  
RT: 11.42 min Scan# 3001  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

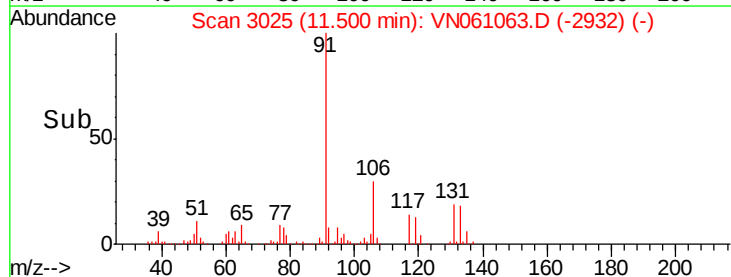
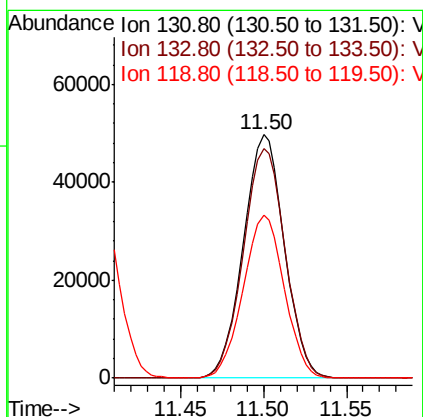
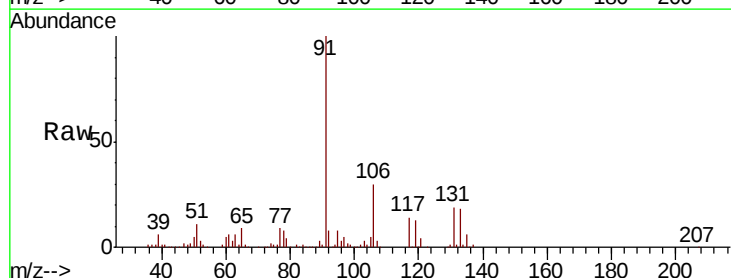
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB180-GW-403-405MS

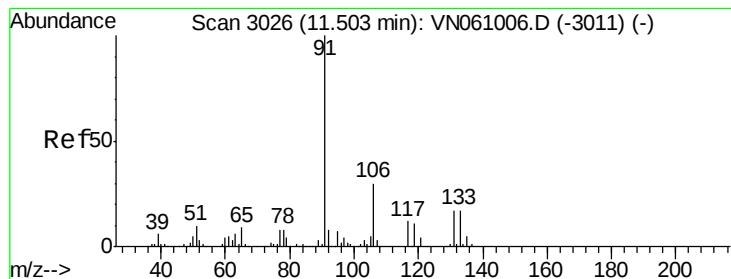
Tot Ion:112 Resp: 231112  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.204 ug/l  
RT: 11.50 min Scan# 3025  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

Tgt Ion:131 Resp: 85518  
Ion Ratio Lower Upper  
131 100  
133 96.4 47.9 143.8  
119 67.1 33.3 99.8





#67

Ethyl Benzene

Concen: 47.989 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

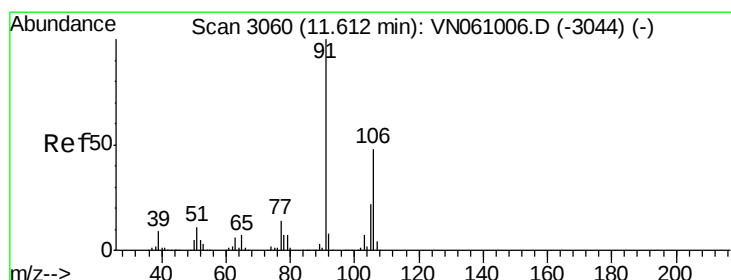
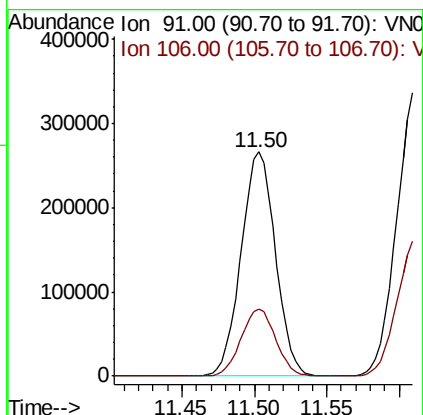
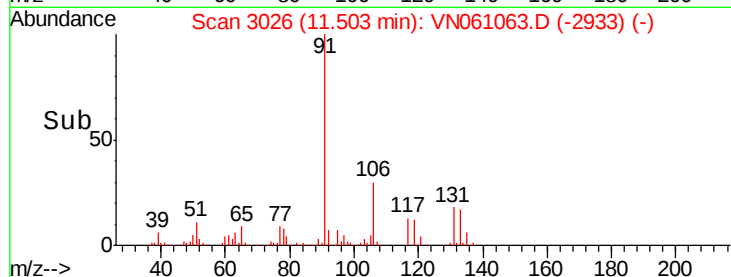
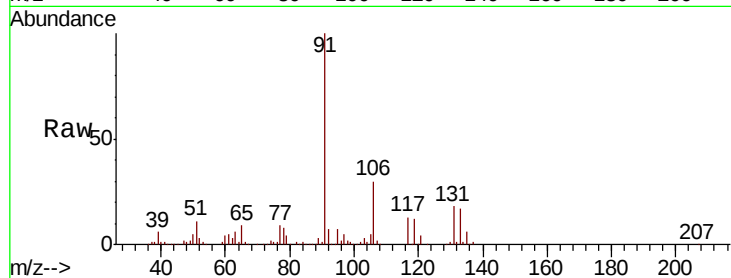
BP-VPB180-GW-403-405MS

Tot Ion: 91 Resp: 438521

Ion Ratio Lower Upper

91 100

106 30.0 23.8 35.8



#68

m/p-Xylenes

Concen: 97.006 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. 0.00 min

Lab File: VN061063.D

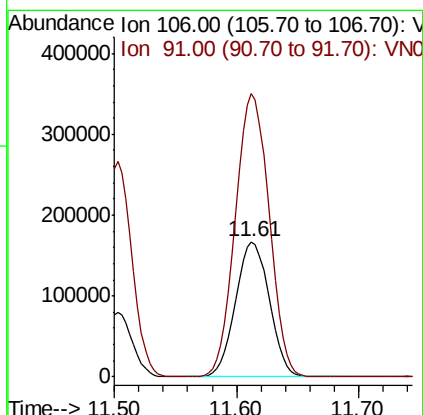
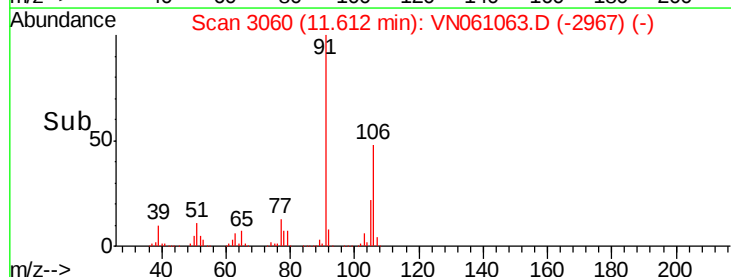
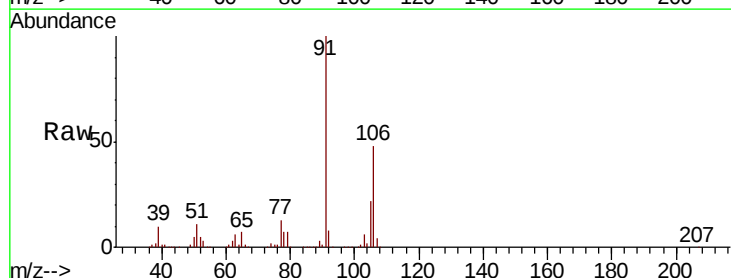
Acq: 17 Apr 2020 19:55

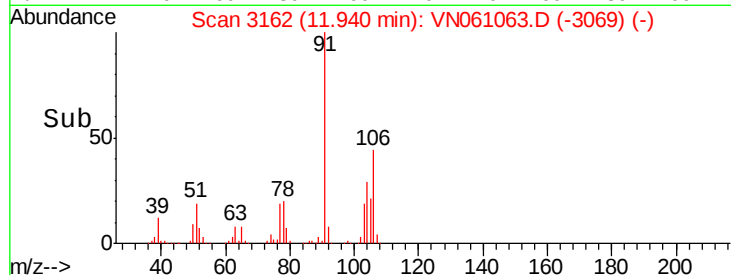
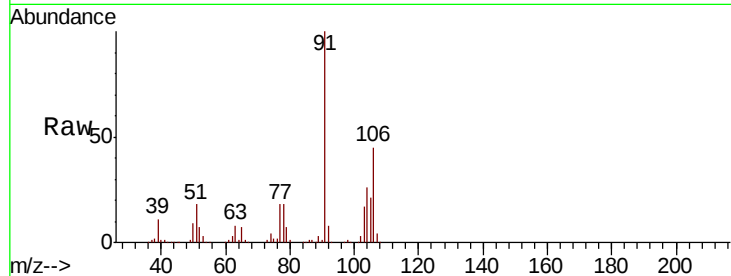
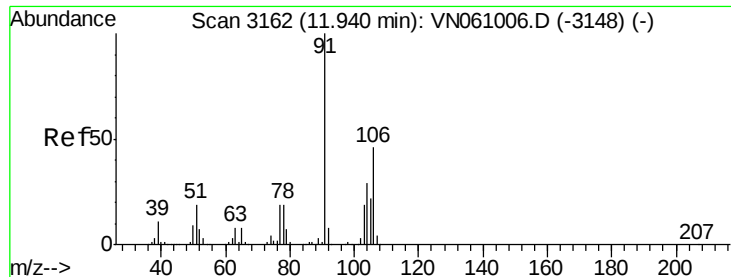
Tgt Ion: 106 Resp: 320358

Ion Ratio Lower Upper

106 100

91 209.9 167.9 251.9

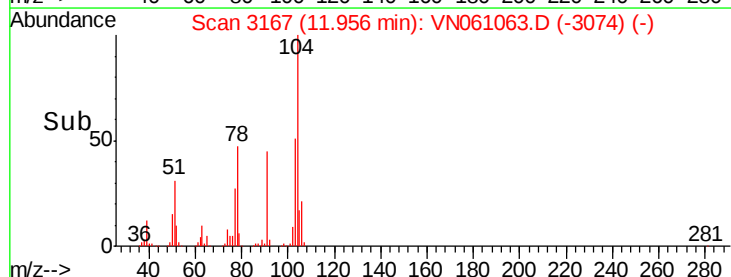
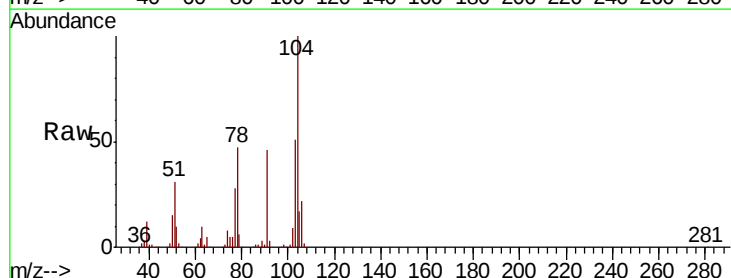
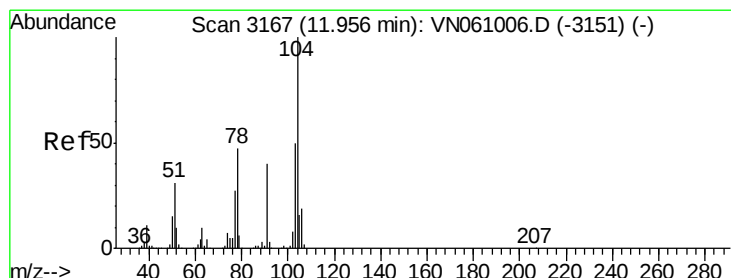
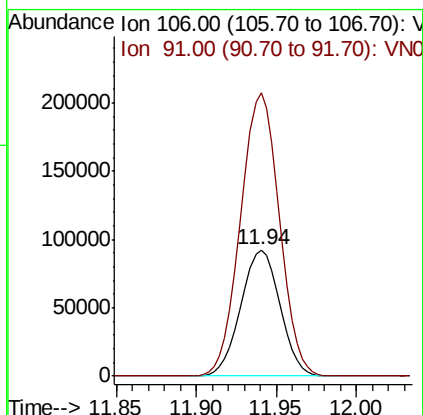




#69  
o-Xylene  
Concen: 48.657 ug/l  
RT: 11.94 min Scan# 3162  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

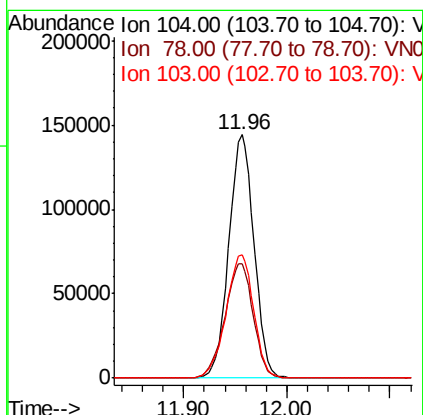
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB180-GW-403-405MS

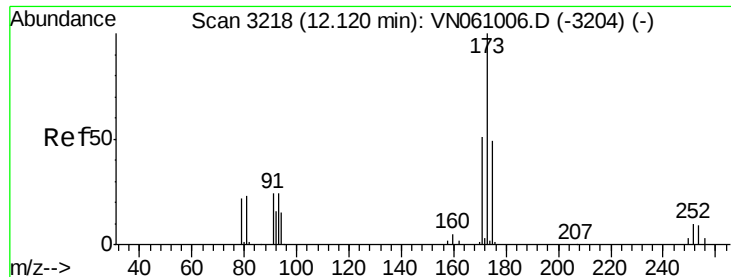
Tot Ion:106 Resp: 154497  
Ion Ratio Lower Upper  
106 100  
91 222.3 110.7 332.1



#70  
Styrene  
Concen: 48.199 ug/l  
RT: 11.96 min Scan# 3167  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

Tgt Ion:104 Resp: 246388  
Ion Ratio Lower Upper  
104 100  
78 52.5 42.2 63.4  
103 55.4 44.4 66.6





#71

Bromoform

Concen: 52.355 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB180-GW-403-405MS

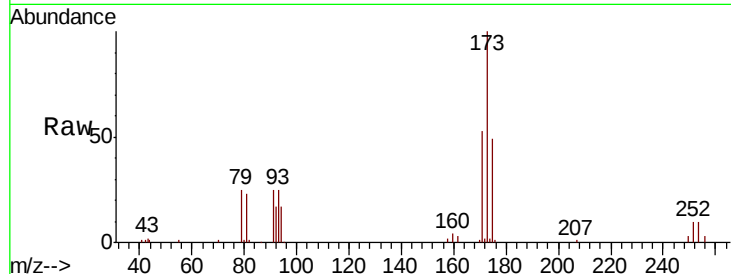
Tot Ion:173 Resp: 67922

Ion Ratio Lower Upper

173 100

175 48.7 24.5 73.5

254 0.0 0.0 0.0

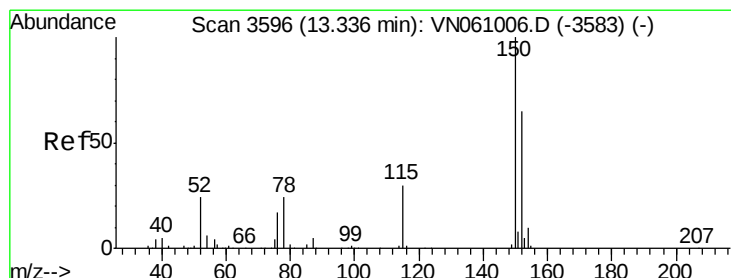
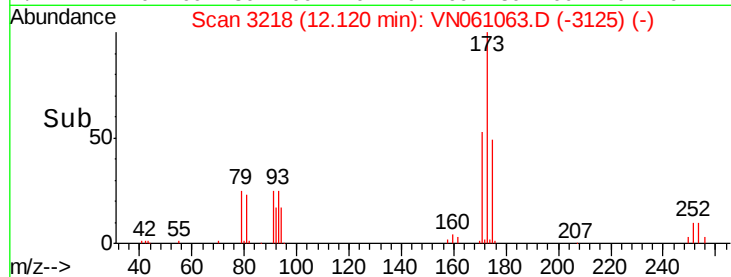
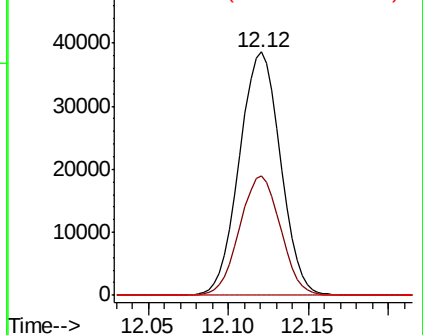


Abundance

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: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

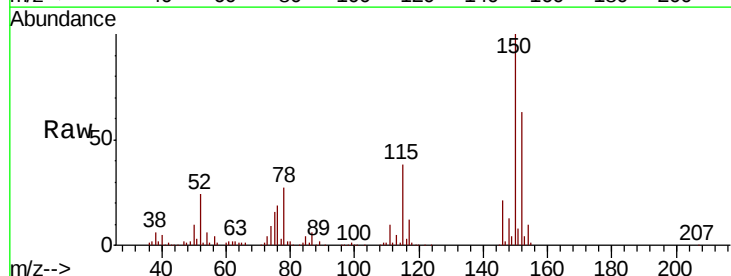
Tgt Ion:152 Resp: 112039

Ion Ratio Lower Upper

152 100

115 59.9 30.8 92.4

150 170.7 0.0 349.0

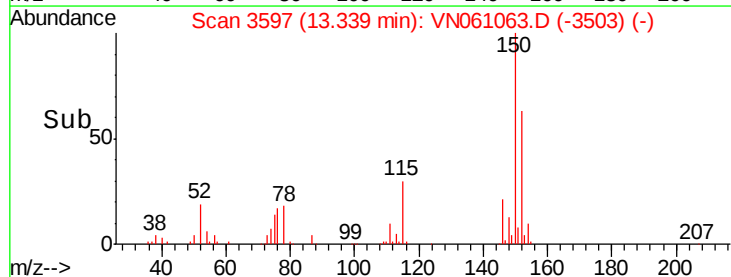
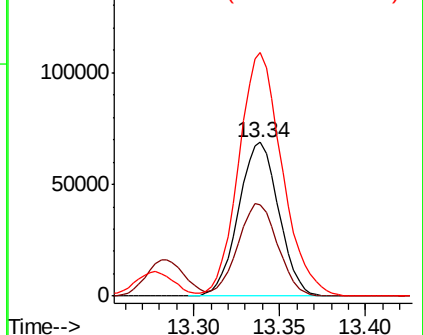


Abundance

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: 45.995 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

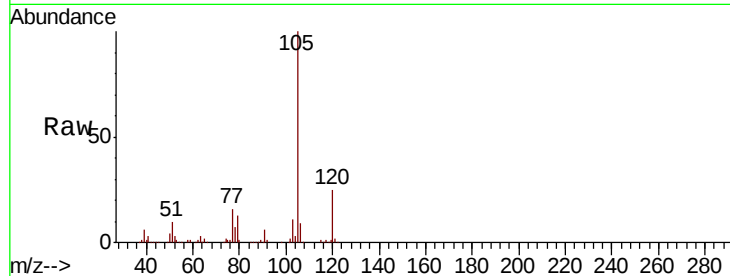
BP-VPB180-GW-403-405MS

Tot Ion:105 Resp: 412847

Ion Ratio Lower Upper

105 100

120 25.8 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

150000

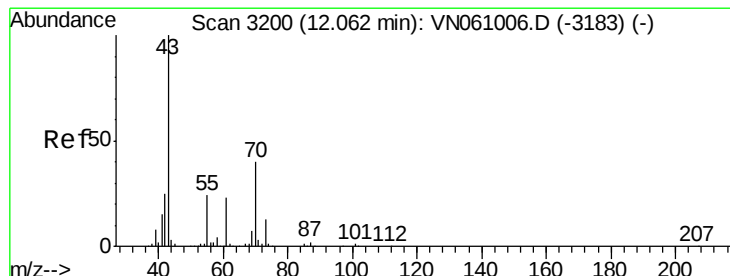
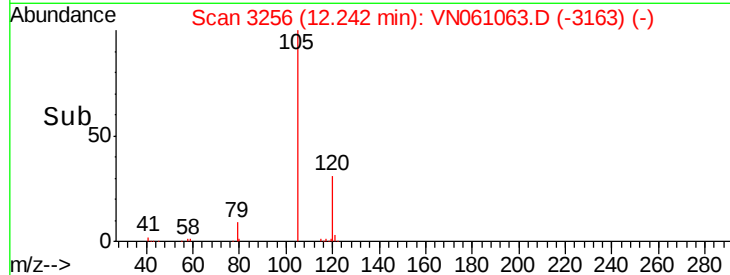
100000

50000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 46.515 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Tgt Ion: 43 Resp: 194160

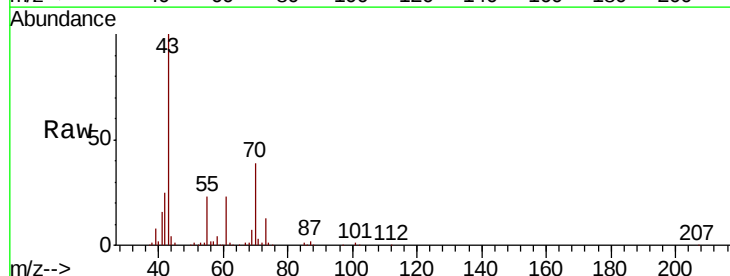
Ion Ratio Lower Upper

43 100

70 38.9 31.0 46.6

55 23.6 18.6 27.8

61 23.3 18.2 27.4



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

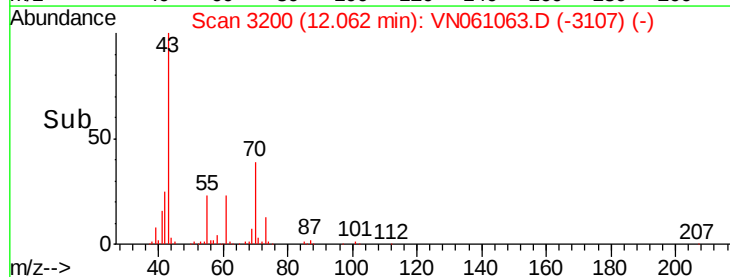
100000

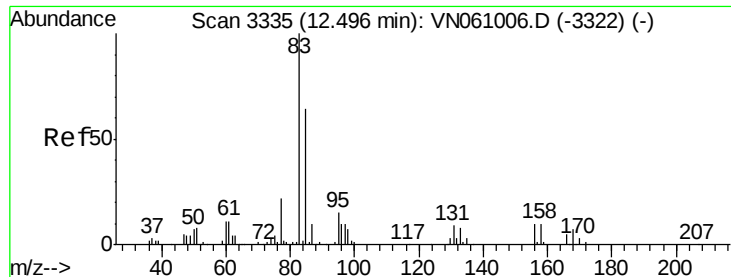
50000

0

12.00 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.617 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB180-GW-403-405MS

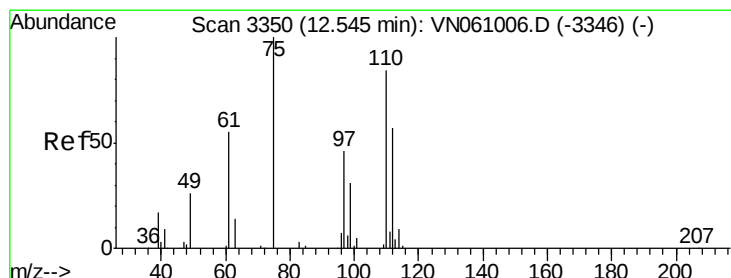
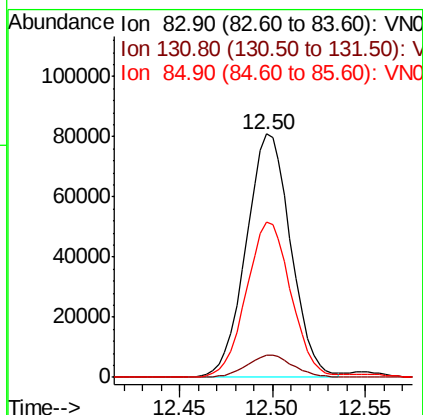
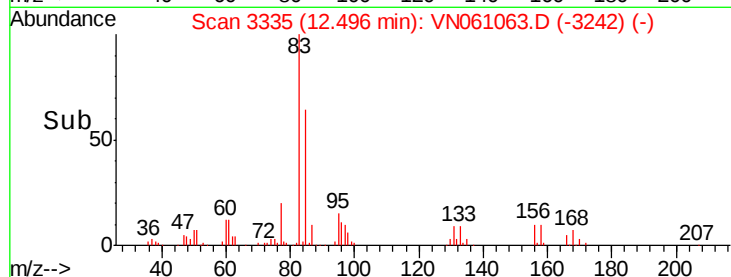
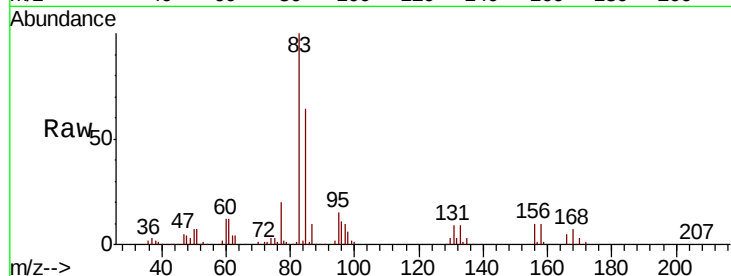
Tot Ion: 83 Resp: 135951

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

85 63.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 73.318 ug/l

RT: 12.54 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN061063.D

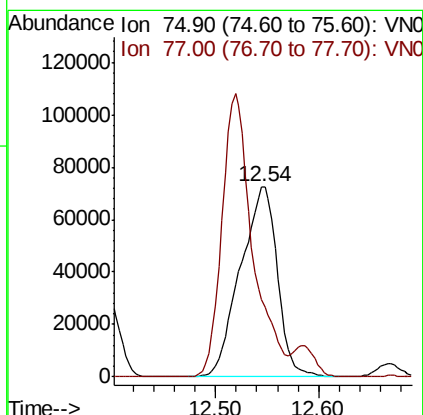
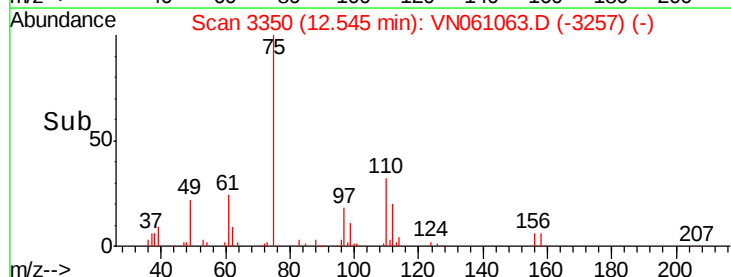
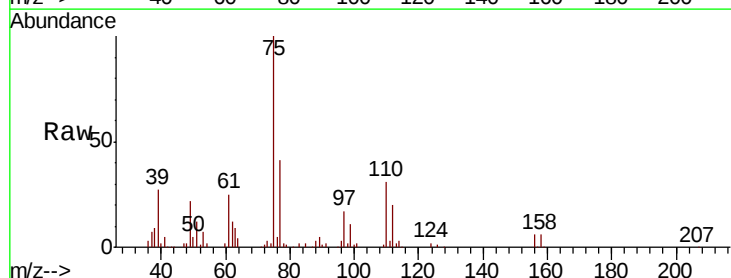
Acq: 17 Apr 2020 19:55

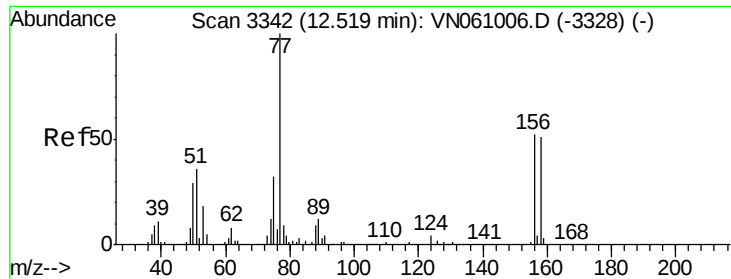
Tgt Ion: 75 Resp: 180685

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.594 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB180-GW-403-405MS

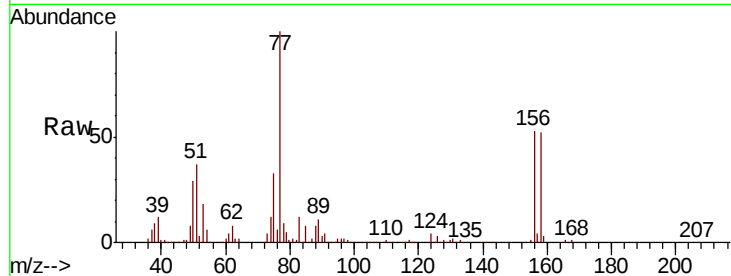
Tot Ion:156 Resp: 97648

Ion Ratio Lower Upper

156 100

77 230.3 115.6 346.8

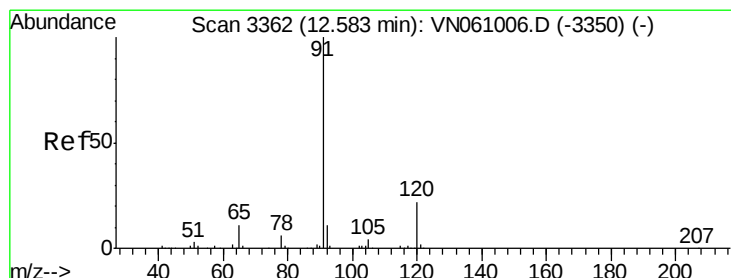
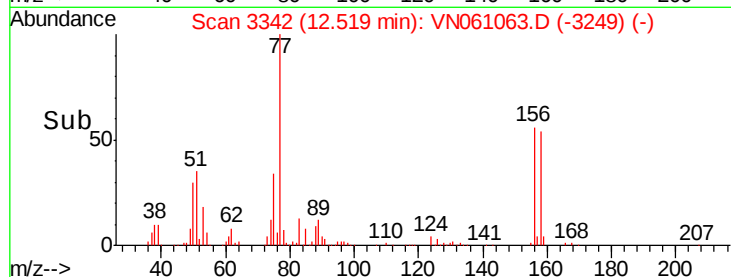
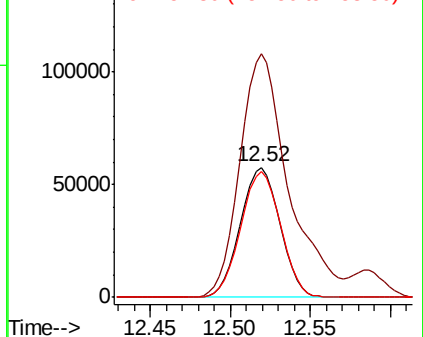
158 97.2 48.9 146.6



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: 46.388 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN061063.D

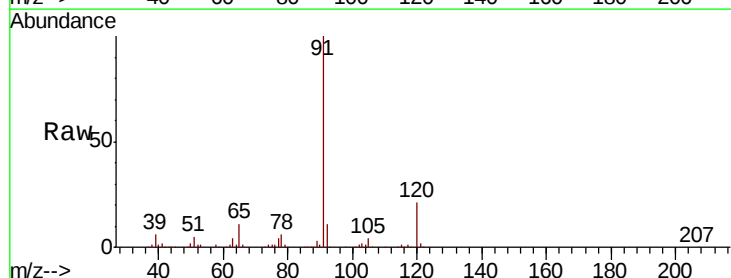
Acq: 17 Apr 2020 19:55

Tgt Ion: 91 Resp: 487156

Ion Ratio Lower Upper

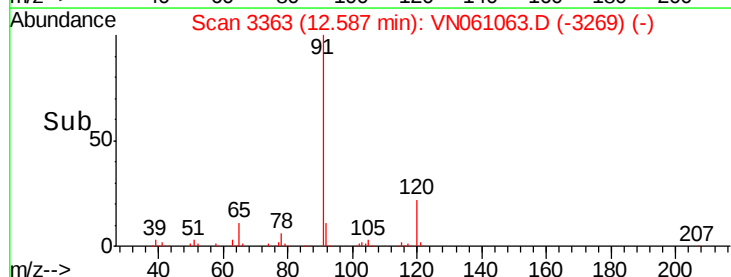
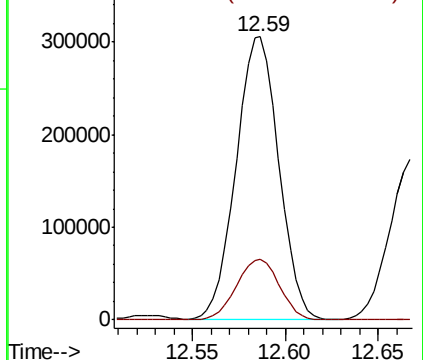
91 100

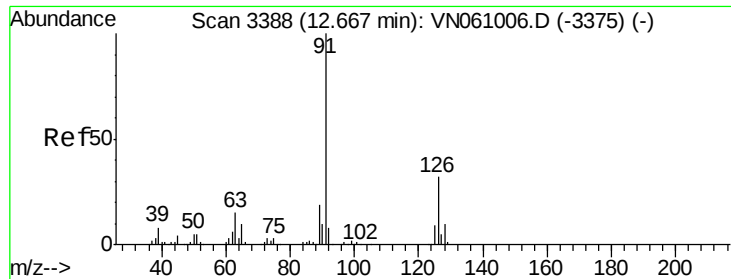
120 21.6 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

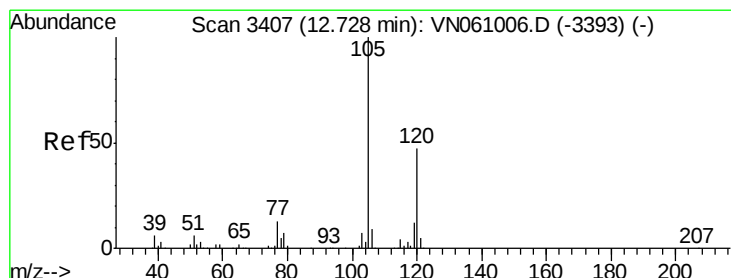
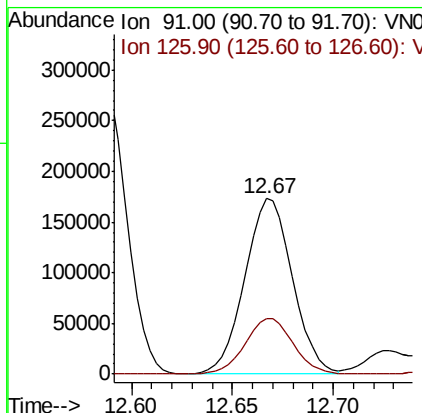
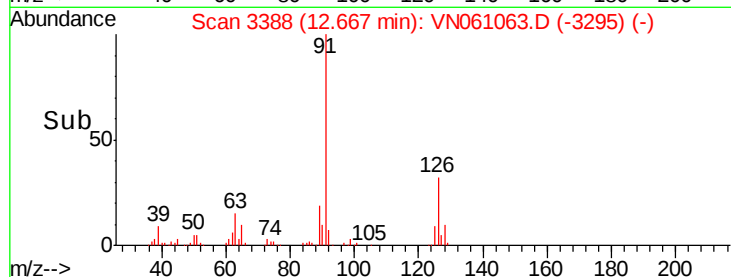
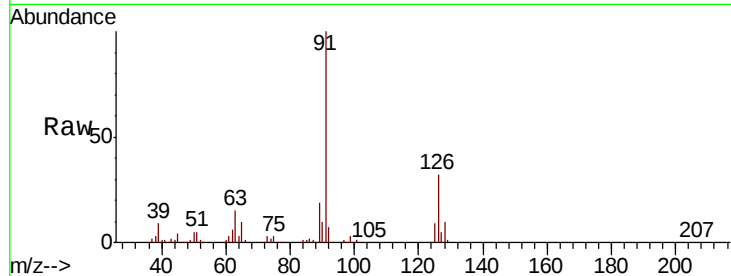




#79  
 2-Chlorotoluene  
 Concen: 46.291 ug/l  
 RT: 12.67 min Scan# 3388  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

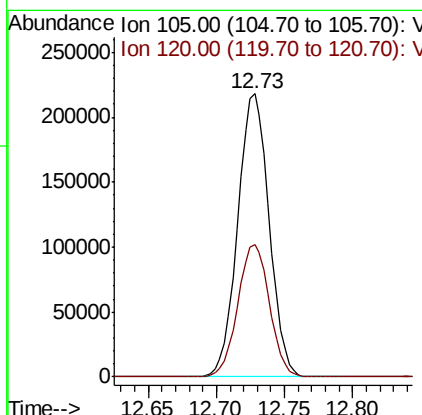
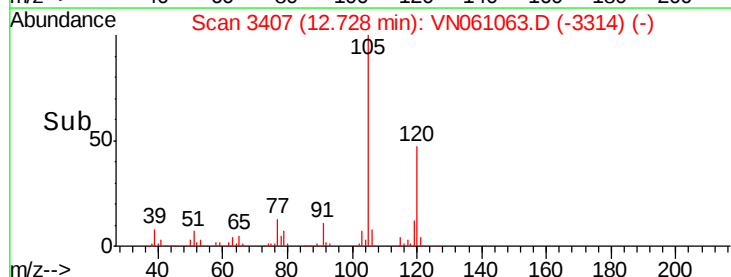
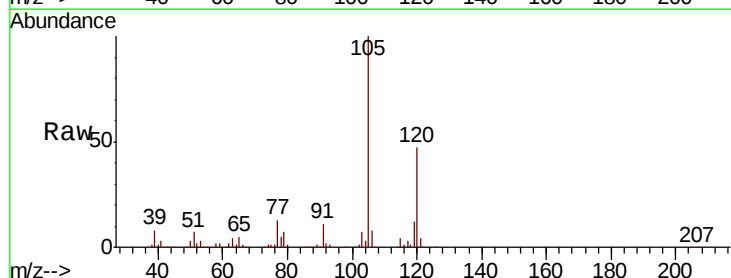
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB180-GW-403-405MS

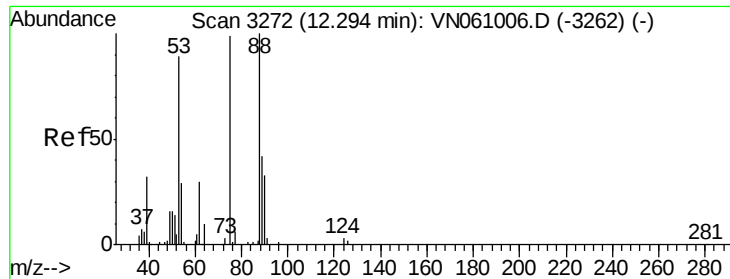
Tot Ion: 91 Resp: 285117  
 Ion Ratio Lower Upper  
 91 100  
 126 32.1 16.1 48.2



#80  
 1,3,5-Trimethylbenzene  
 Concen: 46.811 ug/l  
 RT: 12.73 min Scan# 3407  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Tgt Ion: 105 Resp: 347304  
 Ion Ratio Lower Upper  
 105 100  
 120 47.1 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 45.061 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB180-GW-403-405MS

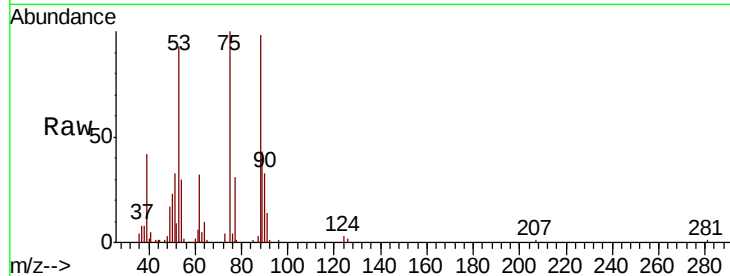
Tot Ion: 75 Resp: 45021

Ion Ratio Lower Upper

75 100

53 95.6 74.7 112.1

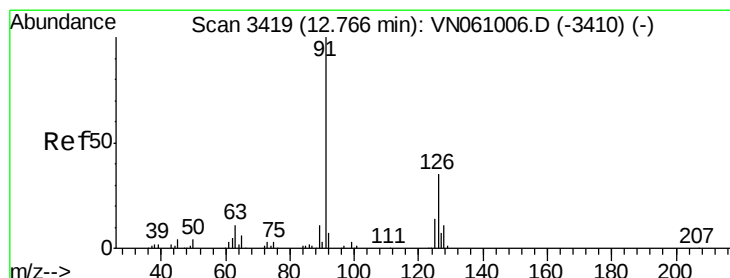
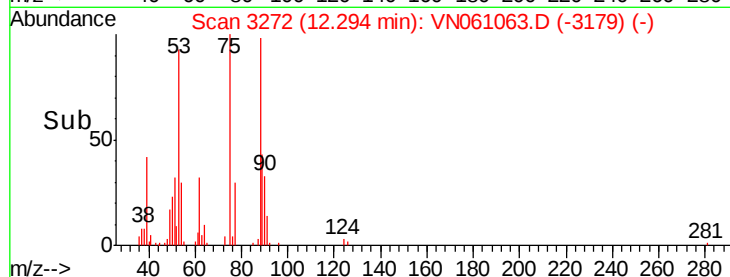
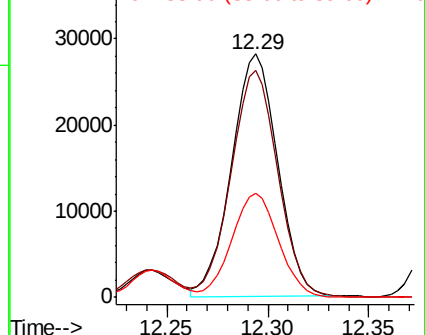
89 43.3 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN061006.D (-3262) (-)

Ion 53.00 (52.70 to 53.70): VN061006.D (-3262) (-)

Ion 88.90 (88.60 to 89.60): VN061006.D (-3262) (-)



#82

4-Chlorotoluene

Concen: 46.099 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN061063.D

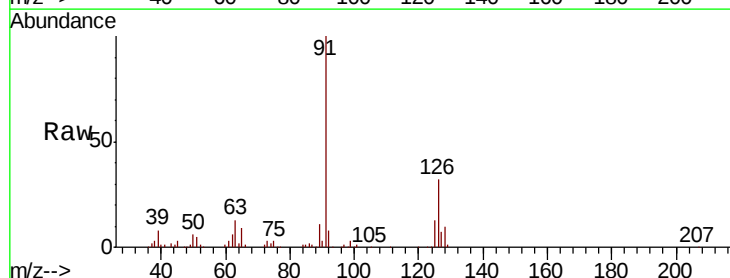
Acq: 17 Apr 2020 19:55

Tgt Ion: 91 Resp: 294480

Ion Ratio Lower Upper

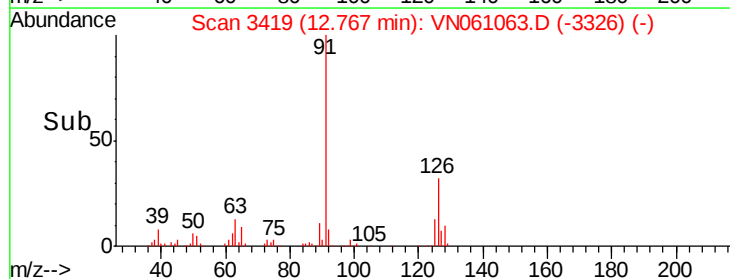
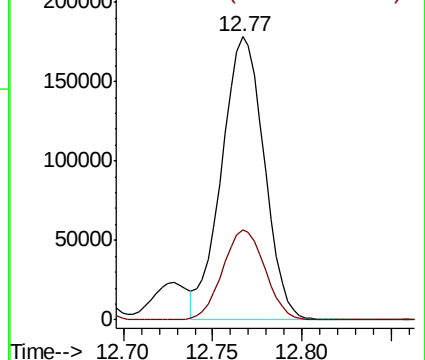
91 100

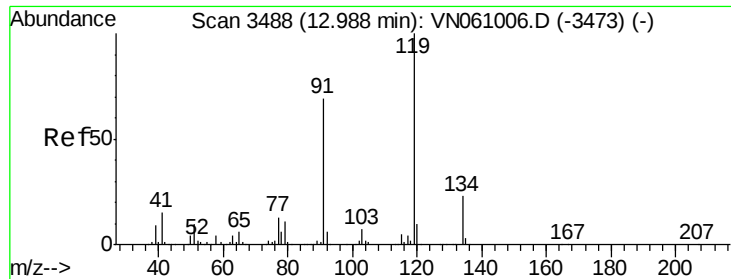
126 31.8 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN061006.D (-3410) (-)

Ion 125.90 (125.60 to 126.60): VN061006.D (-3410) (-)

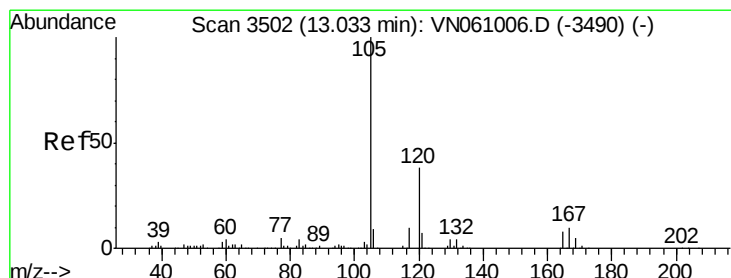
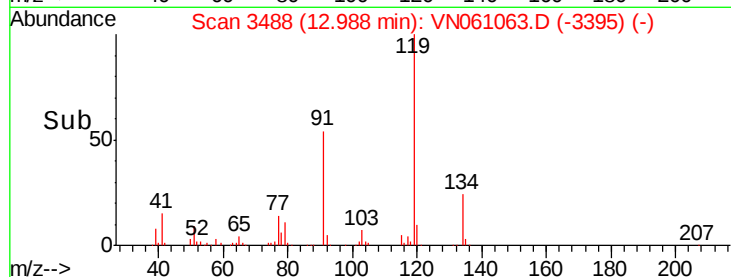
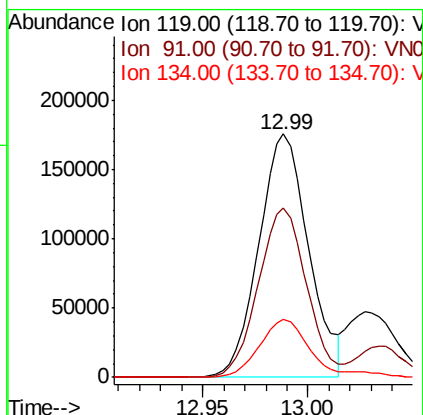
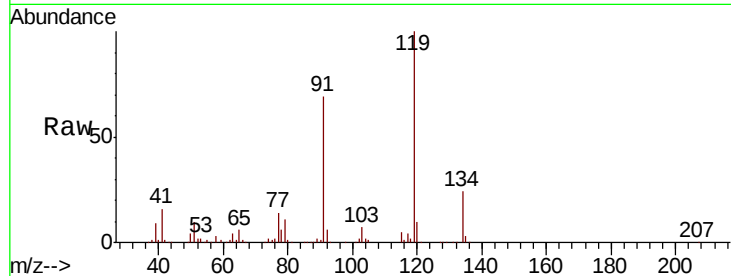




#83  
 tert-Butylbenzene  
 Concen: 46.244 ug/l  
 RT: 12.99 min Scan# 3488  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

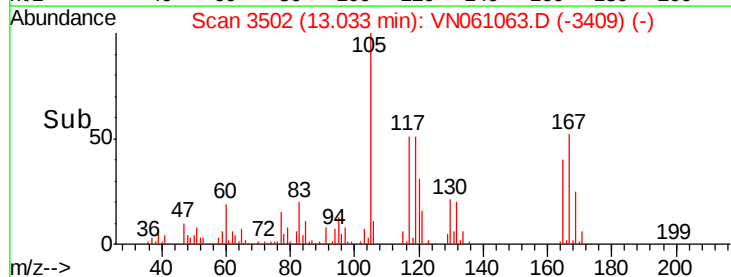
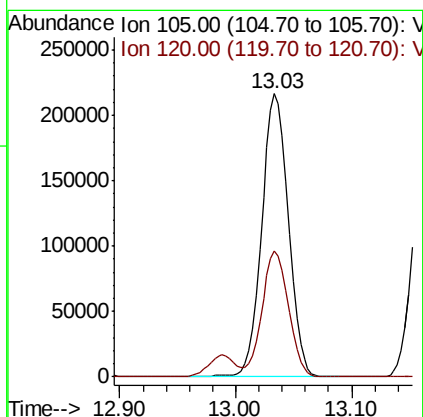
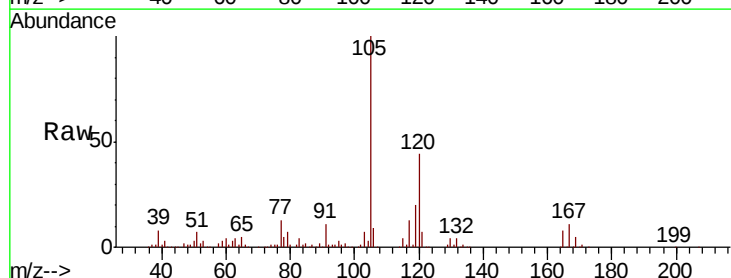
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB180-GW-403-405MS

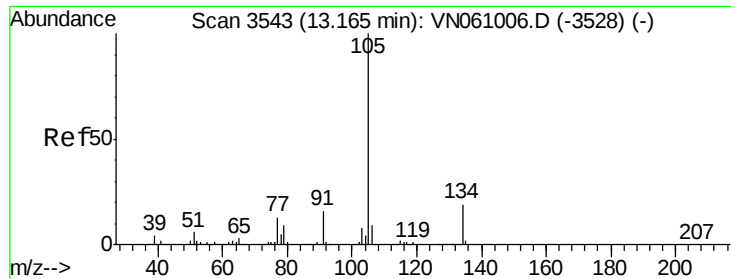
Tot Ion:119 Resp: 288541  
 Ion Ratio Lower Upper  
 119 100  
 91 67.9 34.1 102.3  
 134 24.9 12.4 37.2



#84  
 1,2,4-Trimethylbenzene  
 Concen: 47.278 ug/l  
 RT: 13.03 min Scan# 3502  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Tgt Ion:105 Resp: 346725  
 Ion Ratio Lower Upper  
 105 100  
 120 44.2 22.1 66.5





#85

sec-Butylbenzene

Concen: 45.861 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

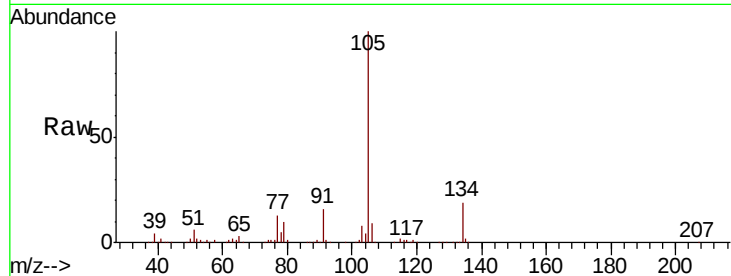
BP-VPB180-GW-403-405MS

Tot Ion:105 Resp: 387720

Ion Ratio Lower Upper

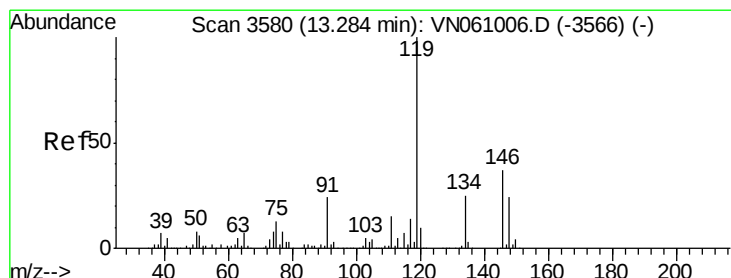
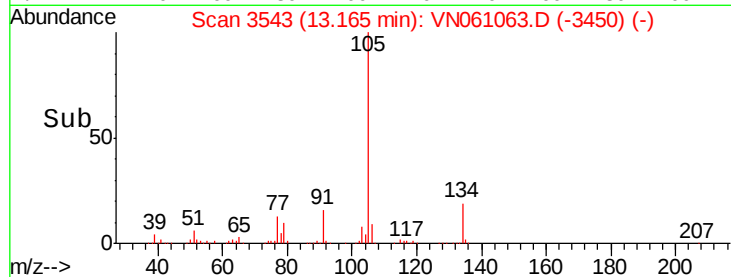
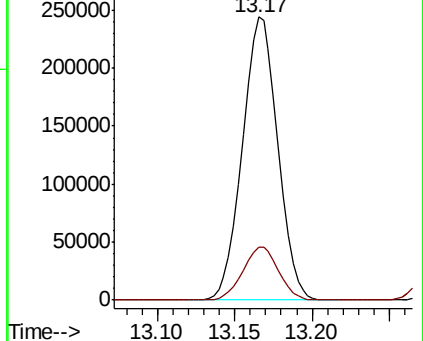
105 100

134 19.0 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.034 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

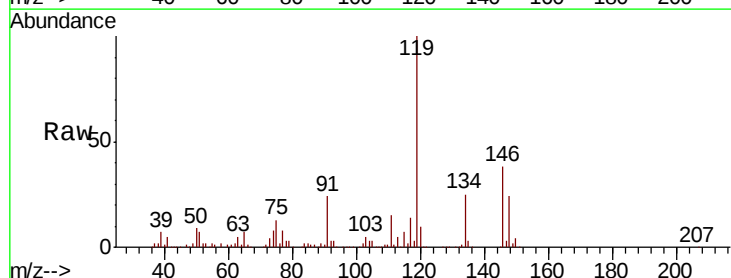
Tgt Ion:119 Resp: 346557

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

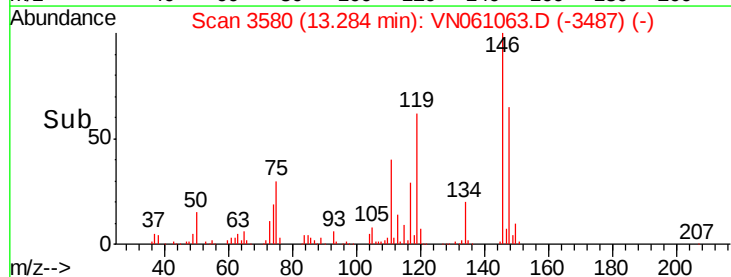
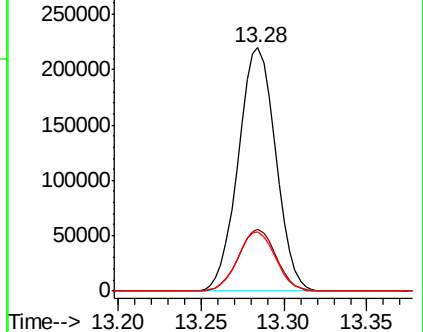
91 24.4 12.3 36.8

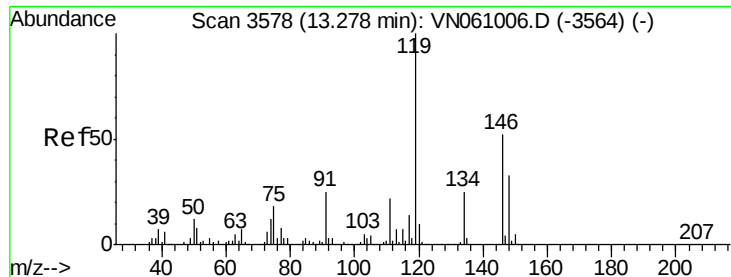


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

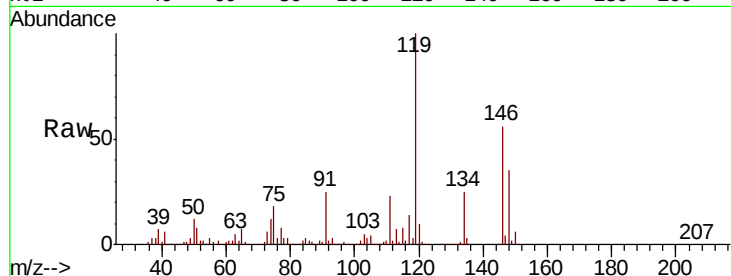




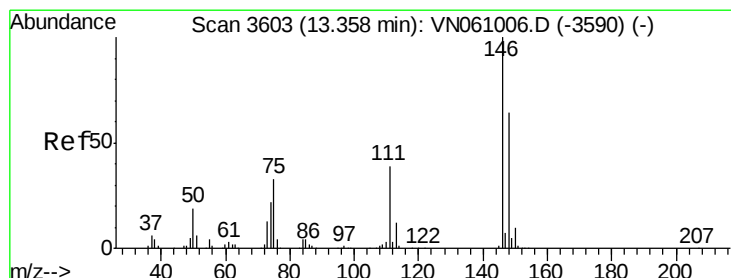
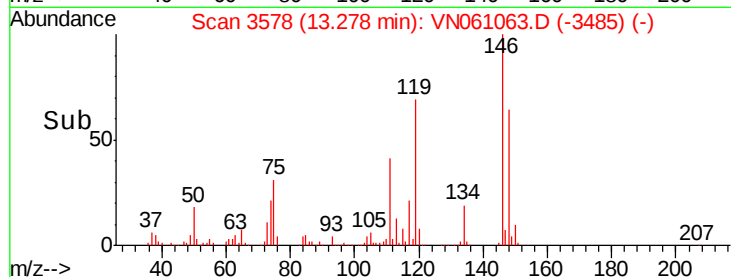
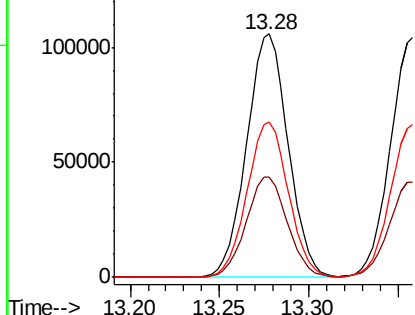
#87  
 1,3-Dichlorobenzene  
 Concen: 45.978 ug/l  
 RT: 13.28 min Scan# 3578  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB180-GW-403-405MS

Tot Ion:146 Resp: 171724  
 Ion Ratio Lower Upper  
 146 100  
 111 41.2 20.6 61.8  
 148 63.6 31.8 95.3

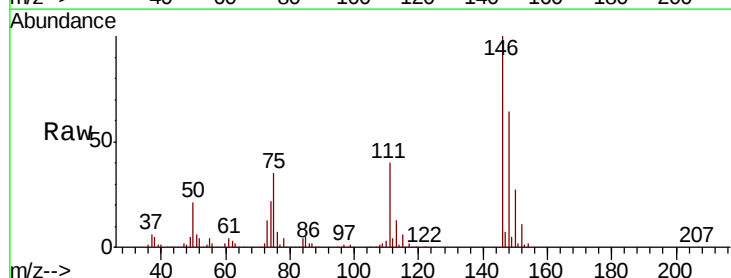


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

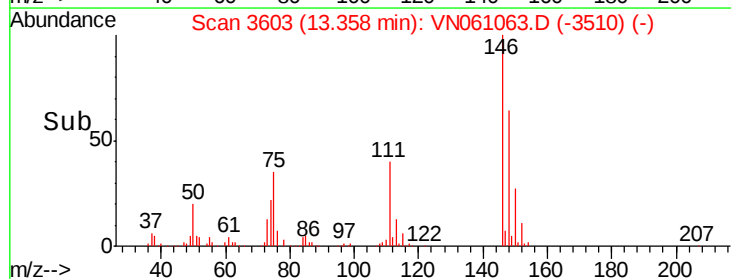
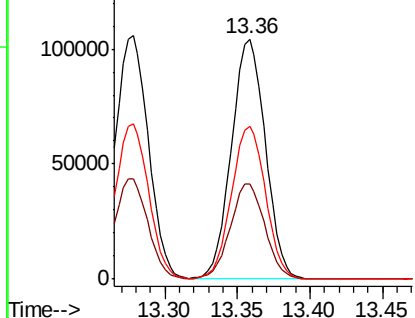


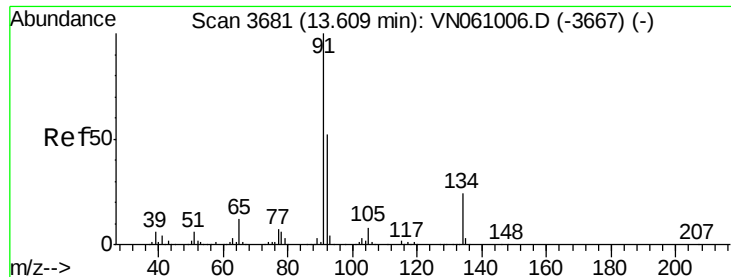
#88  
 1,4-Dichlorobenzene  
 Concen: 45.320 ug/l  
 RT: 13.36 min Scan# 3603  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Tgt Ion:146 Resp: 170285  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 20.1 60.3  
 148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

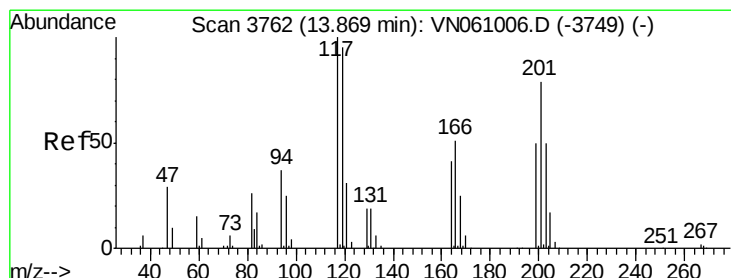
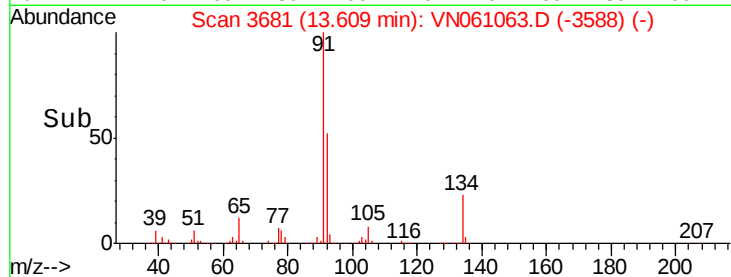
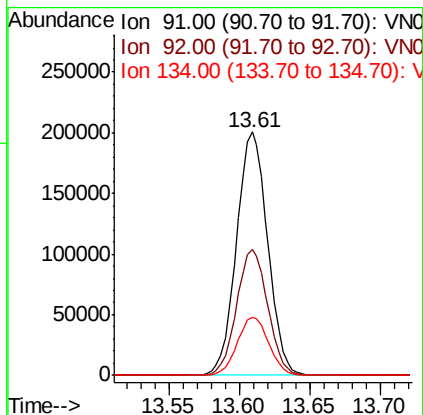
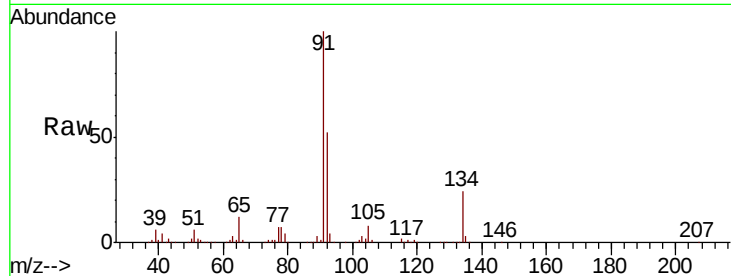




#89  
n-Butylbenzene  
Concen: 44.302 ug/l  
RT: 13.61 min Scan# 3681  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

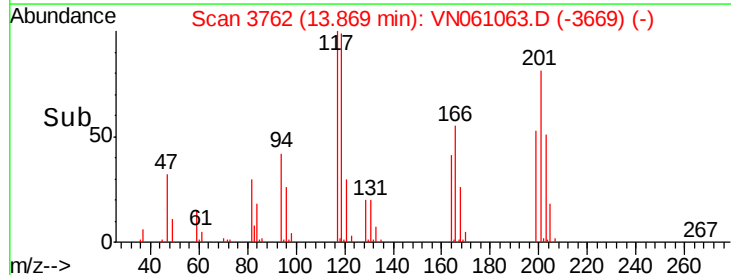
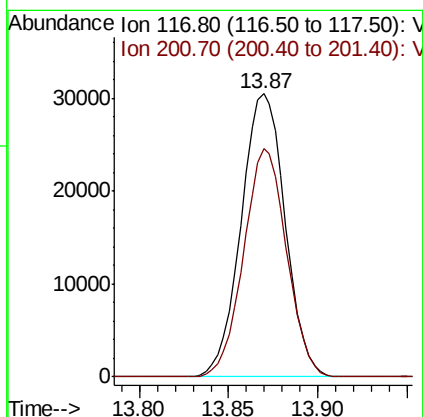
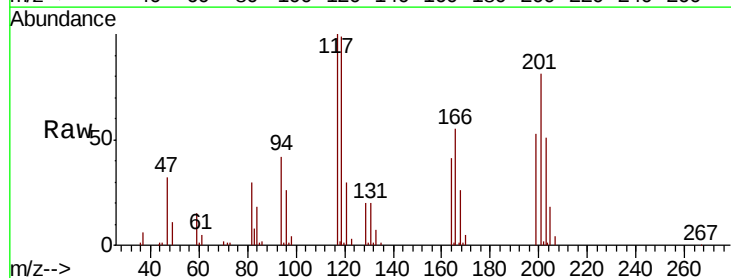
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB180-GW-403-405MS

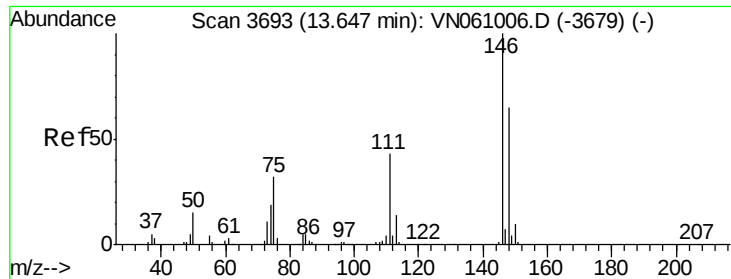
Tot Ion: 91 Resp: 310144  
Ion Ratio Lower Upper  
91 100  
92 51.8 26.1 78.2  
134 24.1 12.3 36.8



#90  
Hexachloroethane  
Concen: 45.420 ug/l  
RT: 13.87 min Scan# 3762  
Delta R.T. 0.00 min  
Lab File: VN061063.D  
Acq: 17 Apr 2020 19:55

Tgt Ion: 117 Resp: 52460  
Ion Ratio Lower Upper  
117 100  
201 78.6 39.3 117.9

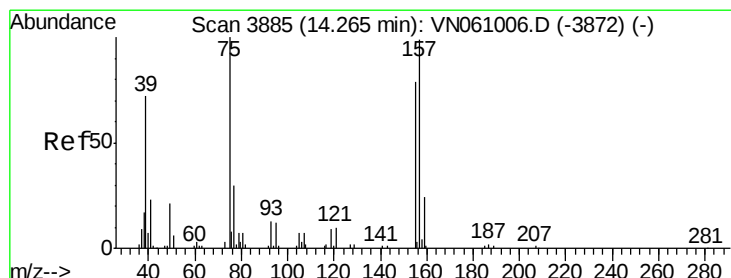
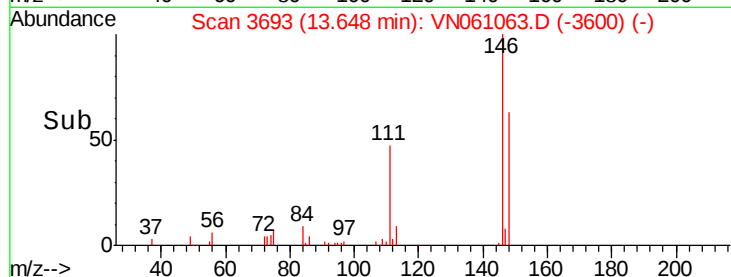
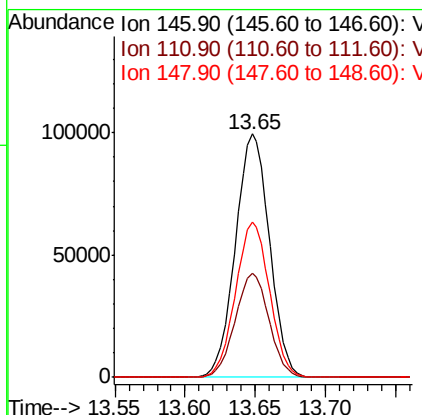
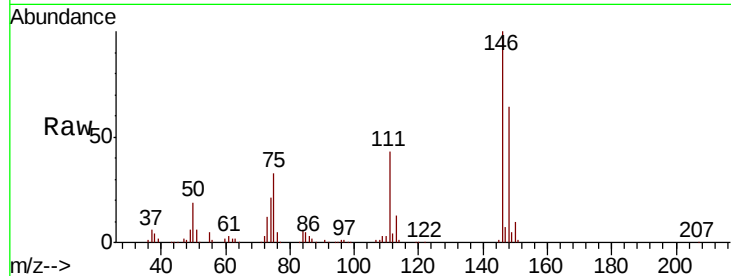




#91  
 1,2-Dichlorobenzene  
 Concen: 47.273 ug/l  
 RT: 13.65 min Scan# 3693  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

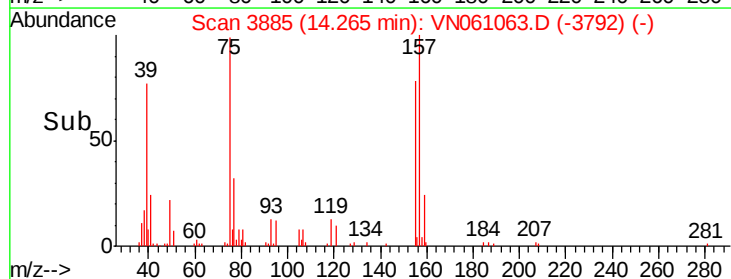
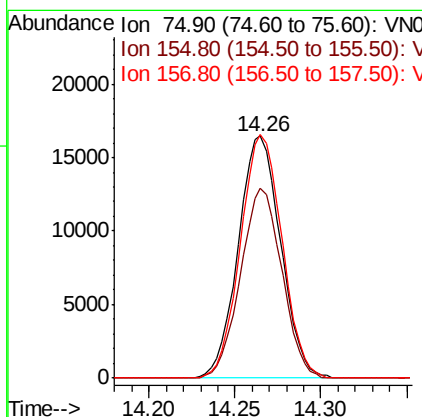
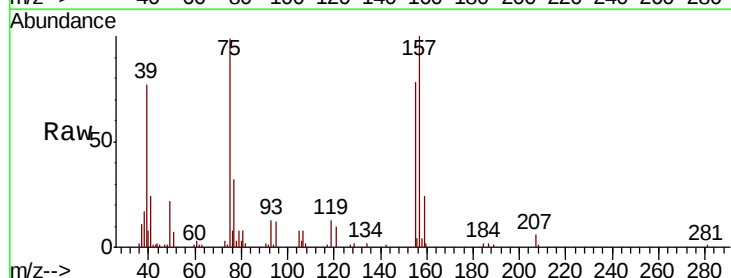
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB180-GW-403-405MS

Tot Ion:146 Resp: 168514  
 Ion Ratio Lower Upper  
 146 100  
 111 42.4 21.3 64.0  
 148 63.5 32.0 96.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 53.085 ug/l  
 RT: 14.26 min Scan# 3885  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Tgt Ion: 75 Resp: 28150  
 Ion Ratio Lower Upper  
 75 100  
 155 76.4 39.5 118.5  
 157 98.5 50.1 150.4

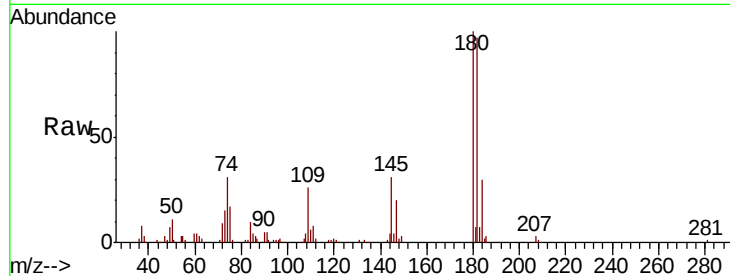




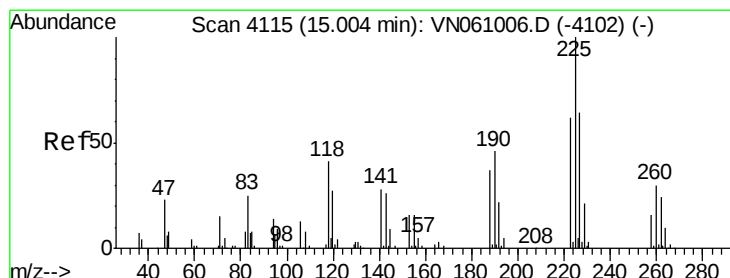
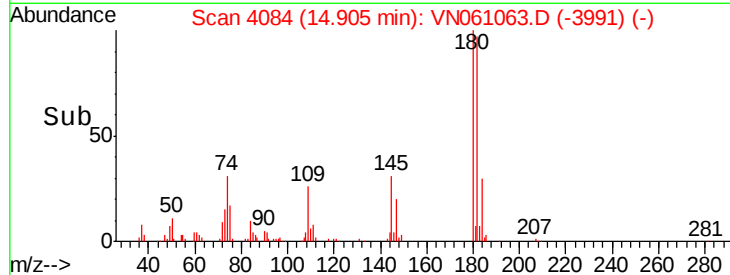
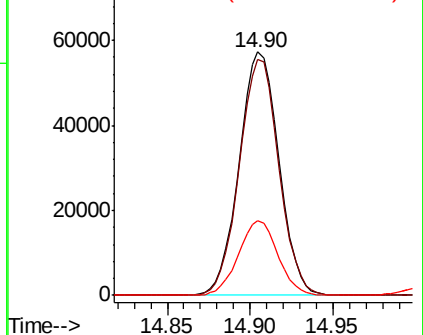
#93  
 1,2,4-Trichlorobenzene  
 Concen: 45.198 ug/l  
 RT: 14.90 min Scan# 4084  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB180-GW-403-405MS

Tot Ion:180 Resp: 95363  
 Ion Ratio Lower Upper  
 180 100  
 182 96.3 47.8 143.3  
 145 30.4 15.3 45.8

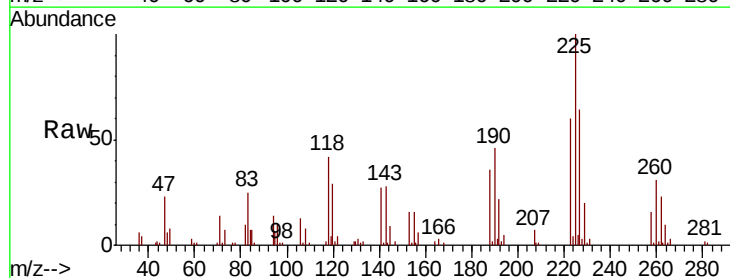


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

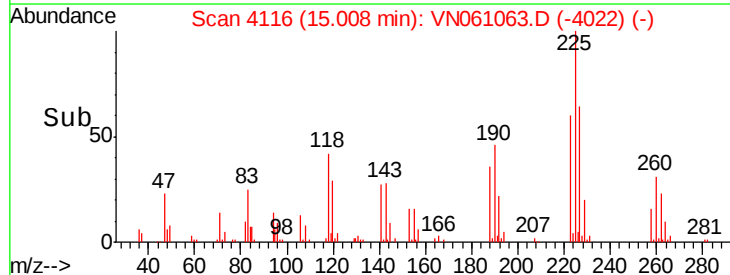
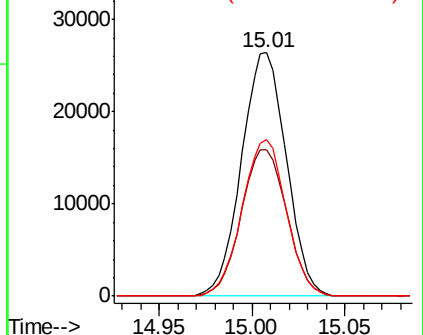


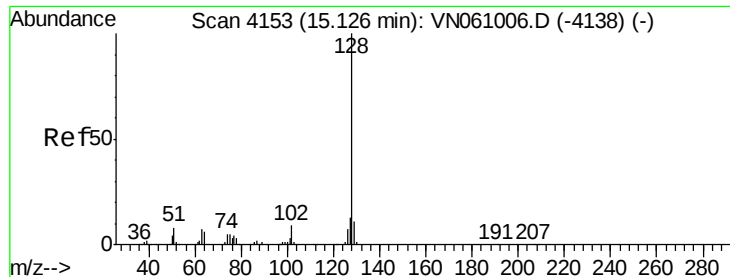
#94  
 Hexachlorobutadiene  
 Concen: 40.844 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN061063.D  
 Acq: 17 Apr 2020 19:55

Tgt Ion:225 Resp: 44332  
 Ion Ratio Lower Upper  
 225 100  
 223 61.3 31.3 93.8  
 227 63.1 31.9 95.5



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: 48.297 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB180-GW-403-405MS

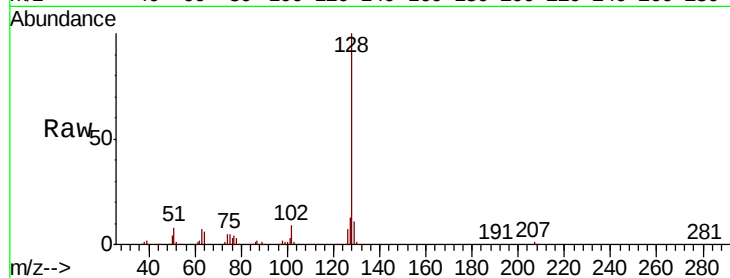
Tot Ion:128 Resp: 297179

Ion Ratio Lower Upper

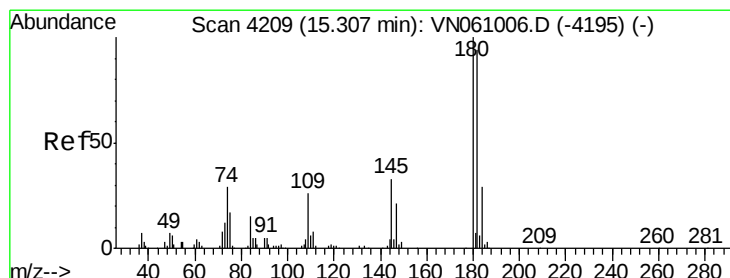
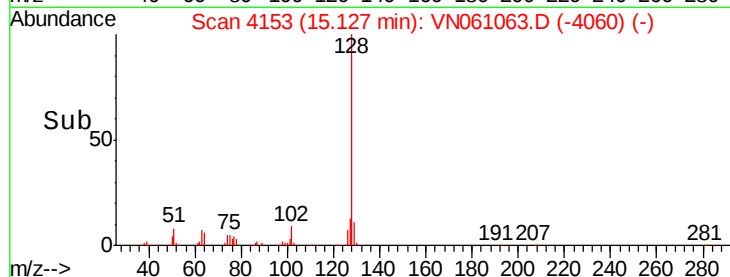
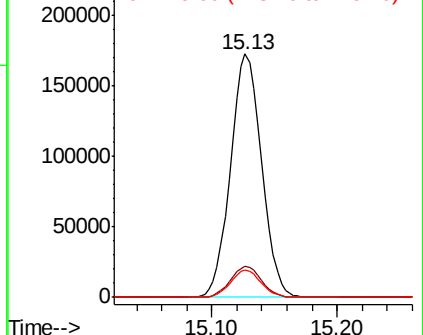
128 100

127 12.8 10.2 15.4

129 11.0 8.6 13.0



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: 45.796 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN061063.D

Acq: 17 Apr 2020 19:55

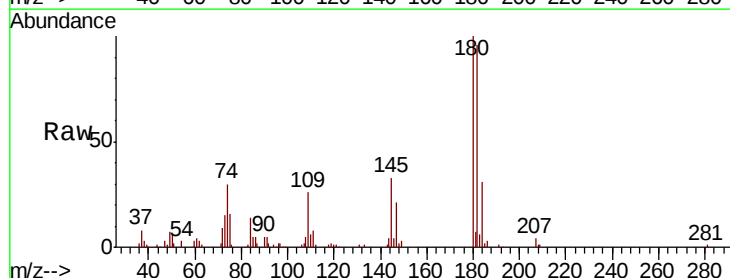
Tgt Ion:180 Resp: 93116

Ion Ratio Lower Upper

180 100

182 96.4 47.6 142.8

145 32.6 16.4 49.2



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

