

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\  
 Data File : VN062980.D  
 Acq On : 17 Aug 2020 19:56  
 Operator : JC/MD  
 Sample : VN0817WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 8/18/2020 11:13:06 AM

Quant Time: Aug 18 07:12:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N081720W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 17 17:31:03 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 239768   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 343293   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 330775   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 160035   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 7.99   | 65  | 115642   | 45.53 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 91.06% |      |
| 35) Dibromofluoromethane    | 7.55   | 113 | 103397   | 46.24 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 92.48% |      |
| 50) Toluene-d8              | 10.06  | 98  | 406947   | 46.90 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 93.80% |      |
| 62) 4-Bromofluorobenzene    | 12.38  | 95  | 144227   | 46.25 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 92.50% |      |

| Target Compounds              |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 53904  | 18.739  | ug/l   | 100    |
| 3) Chloromethane              | 2.03 | 50  | 50137  | 19.415  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.16 | 62  | 68476  | 20.996  | ug/l   | 97     |
| 5) Bromomethane               | 2.52 | 94  | 45194  | 19.553  | ug/l   | 98     |
| 6) Chloroethane               | 2.66 | 64  | 43164  | 19.434  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 89711  | 19.747  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.38 | 74  | 21813  | 15.664  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 35786  | 16.494  | ug/l   | 99     |
| 10) Methyl Iodide             | 3.91 | 142 | 47029  | 17.003  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 4.74 | 59  | 39206  | 90.328  | ug/l # | 87     |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 34026  | 16.520  | ug/l   | 98     |
| 13) Acrolein                  | 3.57 | 56  | 14601  | 56.070  | ug/l   | 99     |
| 14) Allyl chloride            | 4.27 | 41  | 51706  | 16.259  | ug/l   | 98     |
| 15) Acrylonitrile             | 4.93 | 53  | 100486 | 87.788  | ug/l   | 100    |
| 16) Acetone                   | 3.78 | 43  | 76244  | 77.527  | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.01 | 76  | 89644  | 15.167  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.28 | 43  | 44940  | 21.024  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 123640 | 18.377  | ug/l   | 98     |
| 20) Methylene Chloride        | 4.50 | 84  | 41378  | 17.808  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 36842  | 17.077  | ug/l   | 95     |
| 22) Diisopropyl ether         | 5.90 | 45  | 123040 | 17.905  | ug/l   | 95     |
| 23) Vinyl Acetate             | 5.85 | 43  | 398138 | 82.196  | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 70226  | 17.479  | ug/l   | 98     |
| 25) 2-Butanone                | 6.79 | 43  | 123113 | 86.860  | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 54727  | 16.478  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 45612  | 17.820  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.15 | 49  | 37007  | 19.106  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 80758  | 104.645 | ug/l   | 98     |
| 30) Chloroform                | 7.33 | 83  | 73527  | 17.550  | ug/l   | 99     |
| 31) Cyclohexane               | 7.62 | 56  | 68085  | 17.378  | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 62928  | 18.095  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 50041  | 16.993  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 44969  | 16.715  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 53803  | 17.293  | ug/l   | 97     |

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 Operator : JC/MD  
 Sample : VN0817WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN0817WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 8/18/2020 11:13:06 AM

Quant Time: Aug 18 07:12:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N081720W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 17 17:31:03 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 68376    | 17.496  | ug/l   | 99       |
| 40) Benzene                    | 8.00  | 78   | 164197   | 17.627  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.13  | 41   | 20023    | 15.176  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 54089    | 17.691  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.13  | 43   | 75883    | 17.753  | ug/l # | 92       |
| 44) Trichloroethene            | 8.80  | 130  | 44473    | 17.709  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 43644    | 16.816  | ug/l   | 98       |
| 46) Dibromomethane             | 9.18  | 93   | 29049    | 17.977  | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.37  | 83   | 59225    | 18.070  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.17  | 41   | 37321    | 17.851  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 16096    | 364.002 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 256776   | 89.789  | ug/l   | 98       |
| 52) Toluene                    | 10.12 | 92   | 107154   | 18.209  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 62011    | 17.540  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 68690    | 18.000  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.54 | 97   | 44903    | 18.002  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 61577    | 18.479  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 72691    | 18.487  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 67481    | 103.102 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 189254   | 103.988 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.88 | 129  | 51901    | 18.696  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 46110    | 18.109  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.60 | 164  | 41495    | 18.290  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.41 | 112  | 122993   | 18.166  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 47953    | 18.236  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.48 | 91   | 203992   | 17.885  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.60 | 106  | 157785   | 36.634  | ug/l   | 99       |
| 69) o-Xylene                   | 11.92 | 106  | 74113    | 18.115  | ug/l   | 100      |
| 70) Styrene                    | 11.94 | 104  | 129501   | 18.249  | ug/l   | 98       |
| 71) Bromoform                  | 12.10 | 173  | 40280    | 18.326  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.22 | 105  | 204284   | 18.503  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.05 | 43   | 65866    | 17.378  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 69613    | 19.920  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 63915m   | 20.071  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 58397    | 18.346  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.57 | 91   | 248352   | 19.279  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 163606   | 21.132  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 184070   | 19.815  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.28 | 75   | 20785    | 17.610  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 141285   | 17.908  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.97 | 119  | 150471   | 18.784  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.02 | 105  | 164490   | 18.300  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 195449   | 18.539  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 177242   | 18.893  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 98000    | 18.694  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 96846    | 17.925  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 128581   | 16.874  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 33441    | 17.573  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 93877    | 18.529  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 14681    | 24.448  | ug/l   | 86       |

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Sample : VN0817WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

Manual Integrations  
APPROVED

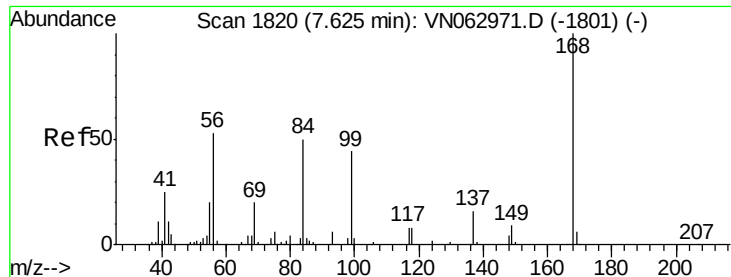
MMDadoda  
8/18/2020 11:13:06 AM

Quant Time: Aug 18 07:12:59 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N081720W.M  
Quant Title : SW846 8260  
QLast Update : Mon Aug 17 17:31:03 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.89 | 180  | 48988    | 19.819 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 38988    | 19.935 | ug/l  | 98       |
| 95) Naphthalene            | 15.10 | 128  | 119999   | 22.884 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 51458    | 20.487 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0817WBSD01

Tot Ion:168 Resp: 239768

Ion Ratio Lower Upper

168 100

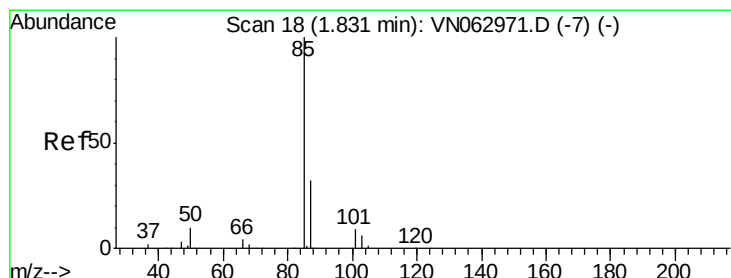
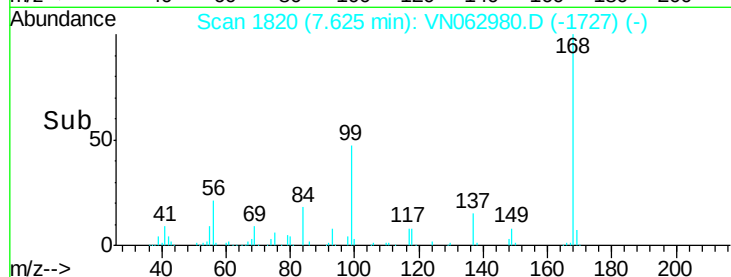
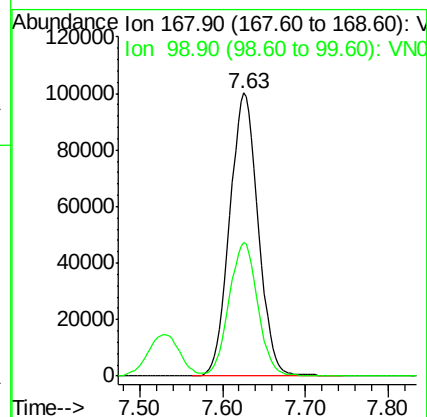
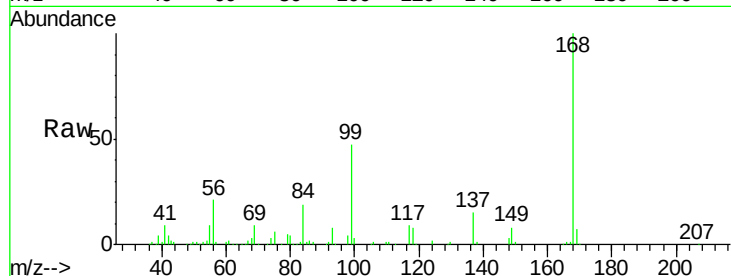
99 47.4 39.4 59.0

Manual Integrations

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MMDadoda

8/18/2020 11:13:06 AM



#2

Dichlorodifluoromethane

Concen: 18.739 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062980.D

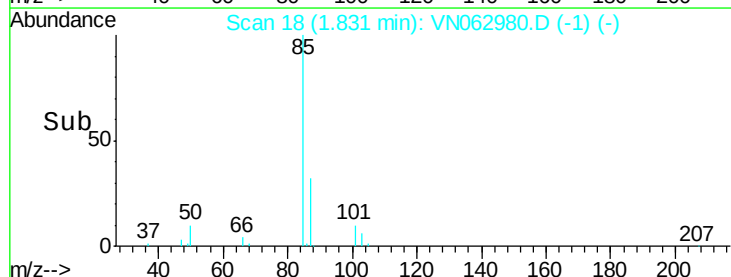
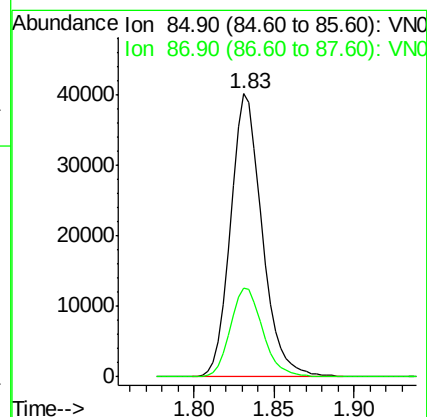
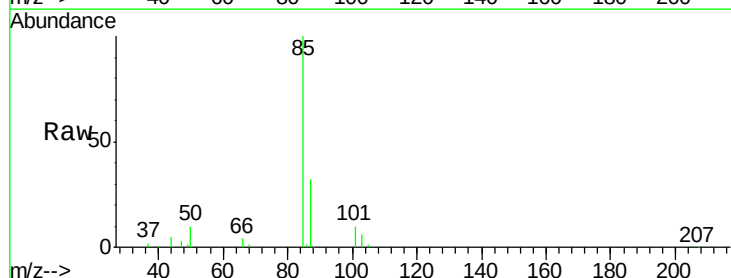
Acq: 17 Aug 2020 19:56

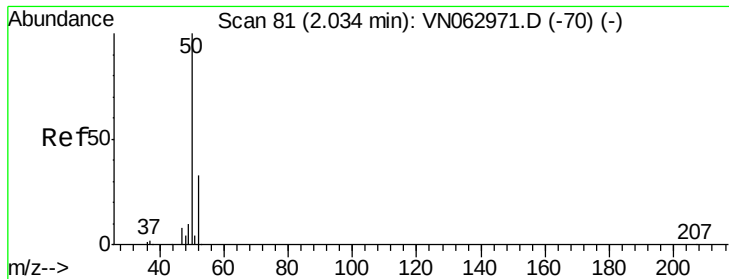
Tgt Ion: 85 Resp: 53904

Ion Ratio Lower Upper

85 100

87 31.6 15.9 47.7





#3

Chloromethane

Concen: 19.415 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0817WBSD01

Tot Ion: 50 Resp: 50137

Ion Ratio Lower Upper

50 100

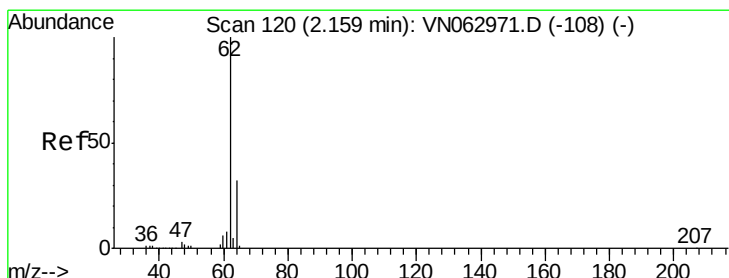
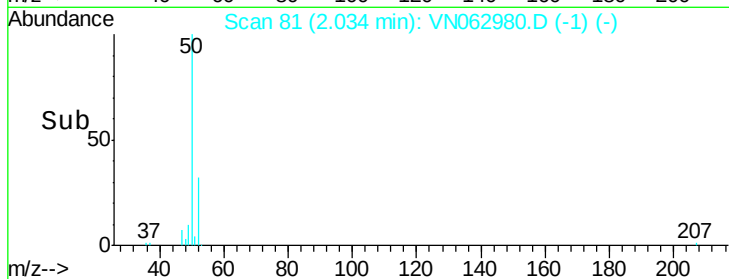
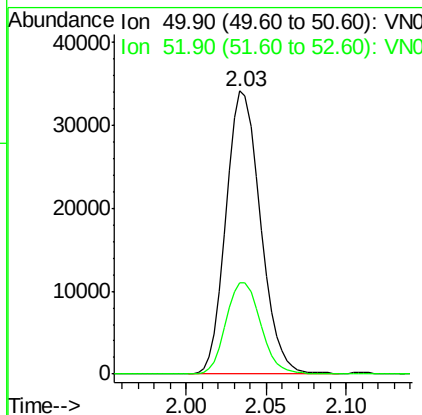
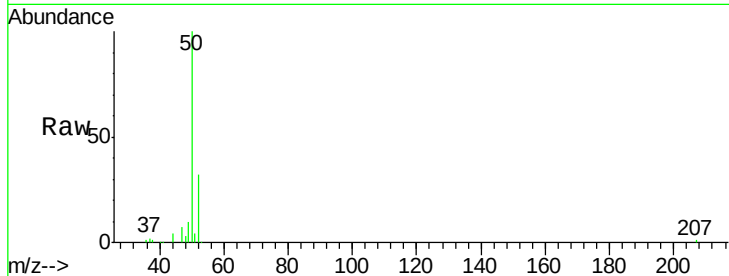
52 32.3 26.2 39.2

Manual Integrations

APPROVED

MMDadoda

8/18/2020 11:13:06 AM



#4

Vinyl Chloride

Concen: 20.996 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062980.D

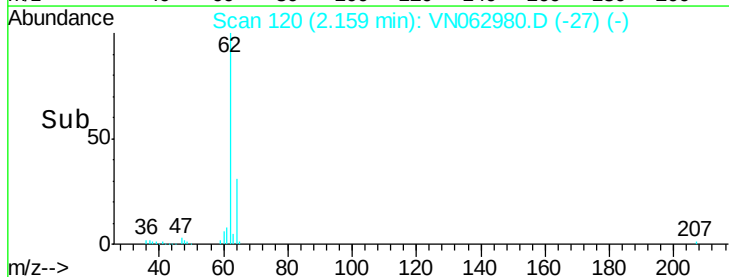
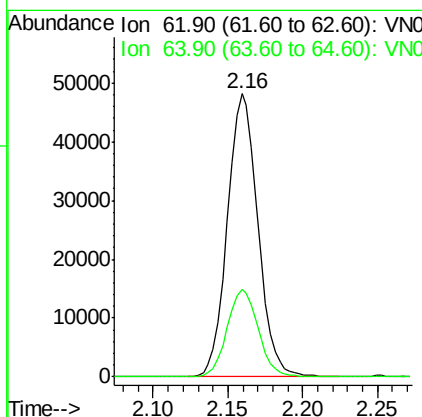
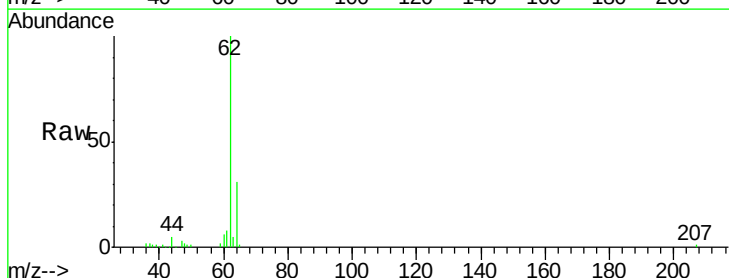
Acq: 17 Aug 2020 19:56

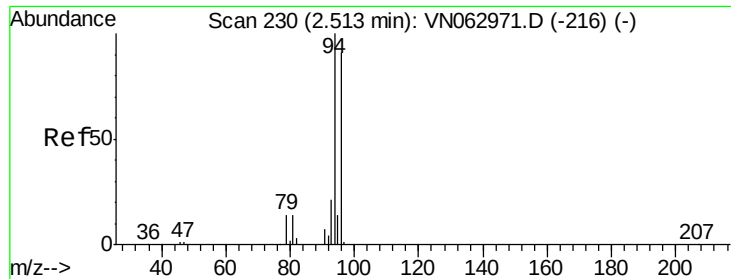
Tgt Ion: 62 Resp: 68476

Ion Ratio Lower Upper

62 100

64 31.0 25.9 38.9





#5

Bromomethane

Concen: 19.553 ug/l

RT: 2.52 min Scan# 232

Delta R.T. 0.01 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0817WBSD01

Tot Ion: 94 Resp: 45194

Ion Ratio Lower Upper

94 100

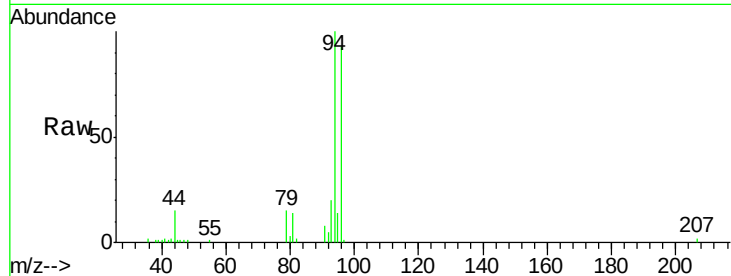
96 92.7 72.9 109.3

Manual Integrations

APPROVED

MMDadoda

8/18/2020 11:13:06 AM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

25000

20000

15000

10000

5000

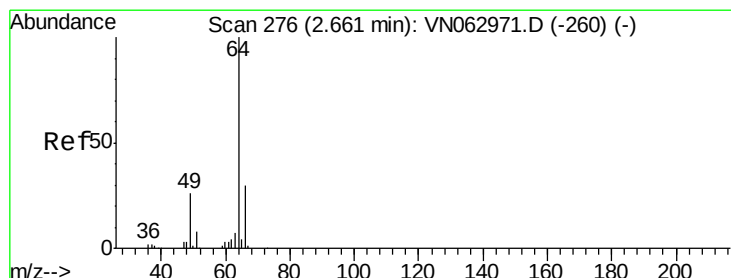
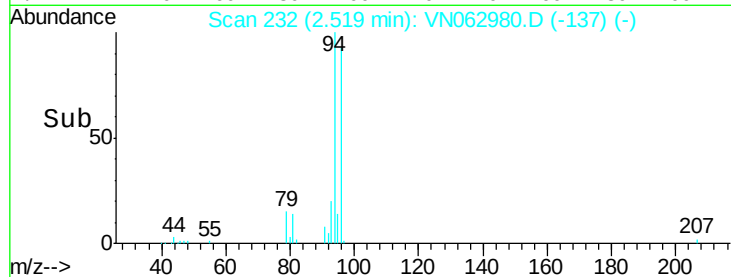
0

Time-->

2.50

2.52

2.60



#6

Chloroethane

Concen: 19.434 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062980.D

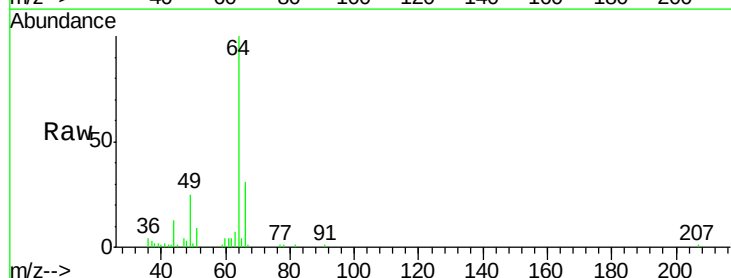
Acq: 17 Aug 2020 19:56

Tgt Ion: 64 Resp: 43164

Ion Ratio Lower Upper

64 100

66 31.0 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

25000

20000

15000

10000

5000

0

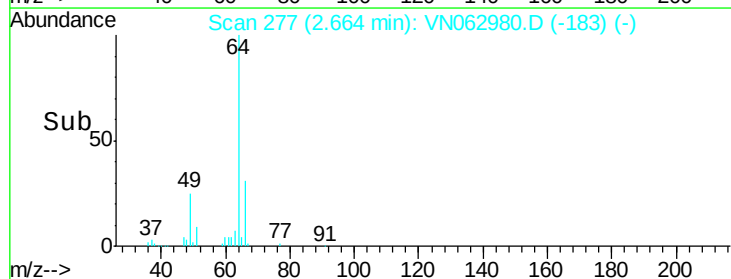
Time-->

2.60

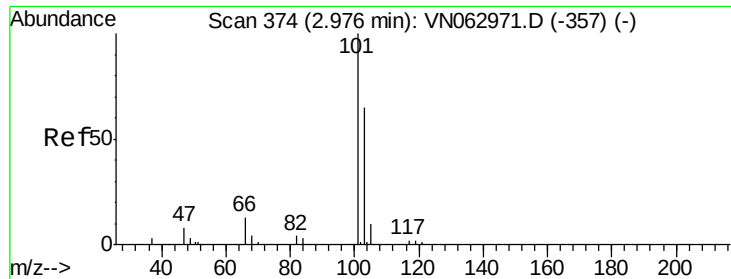
2.66

2.70

2.75







#7

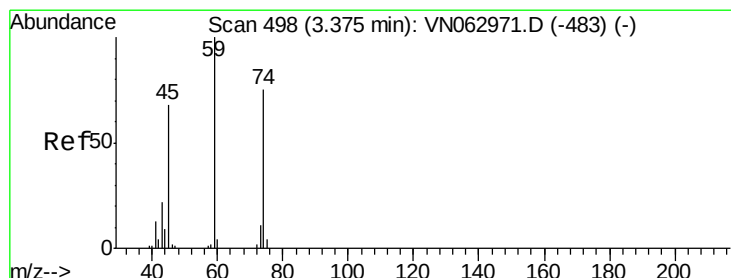
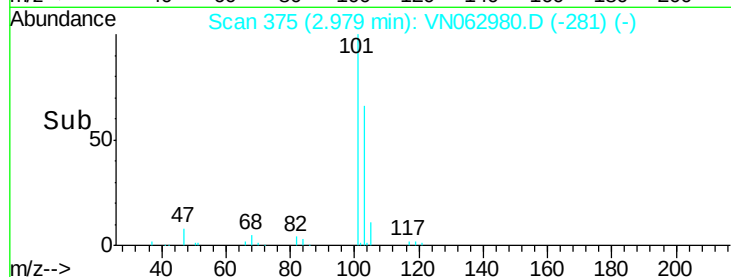
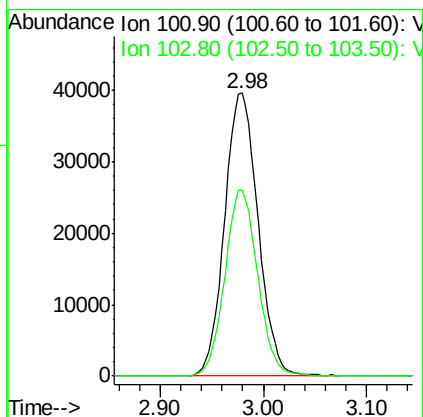
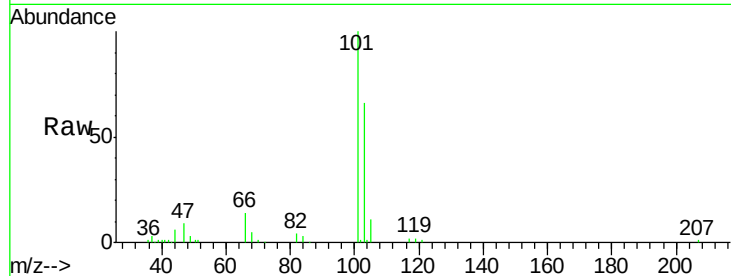
Trichlorofluoromethane  
Concen: 19.747 ug/l  
RT: 2.98 min Scan# 375  
Delta R.T. 0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.8  | 52.2  | 78.4  |

Manual Integrations  
APPROVED

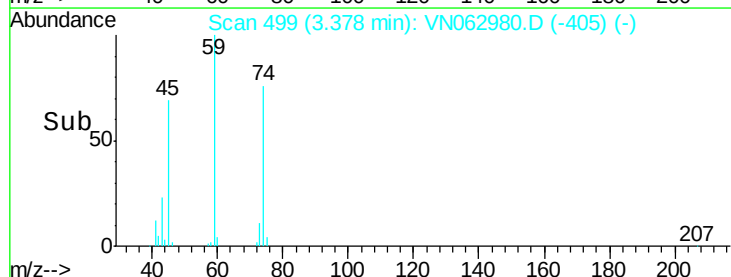
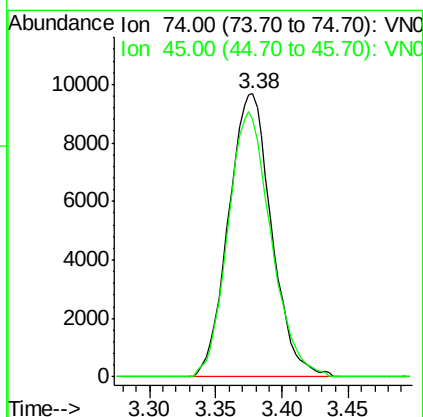
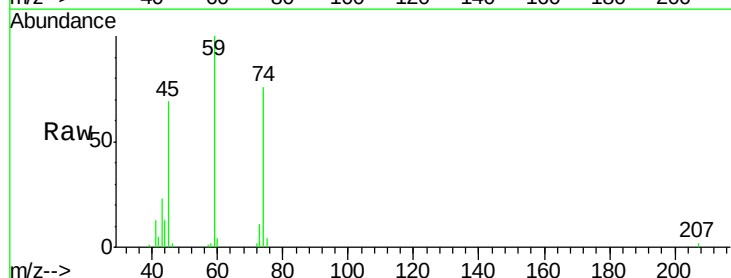
MMDadoda  
8/18/2020 11:13:06 AM



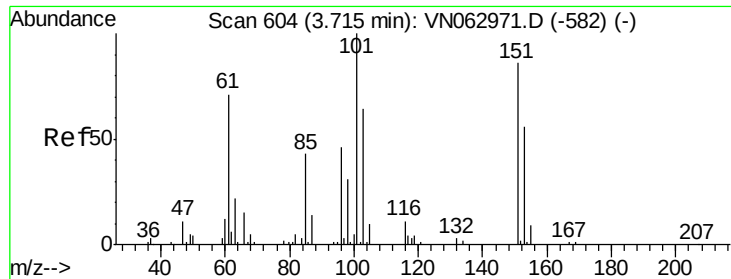
#8

Diethyl Ether  
Concen: 15.664 ug/l  
RT: 3.38 min Scan# 499  
Delta R.T. 0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.2  | 45.7  | 137.1 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.494 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

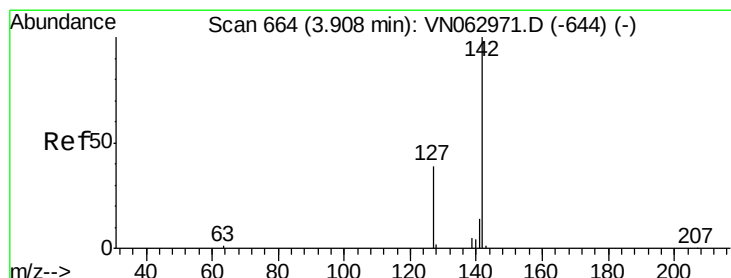
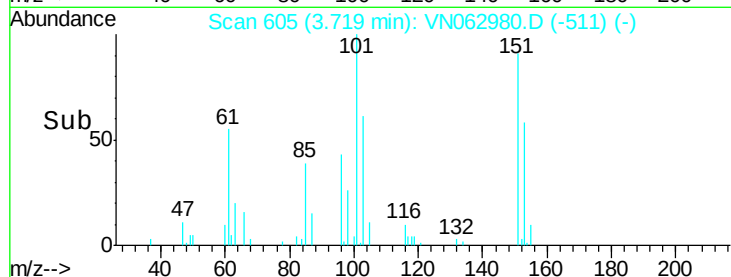
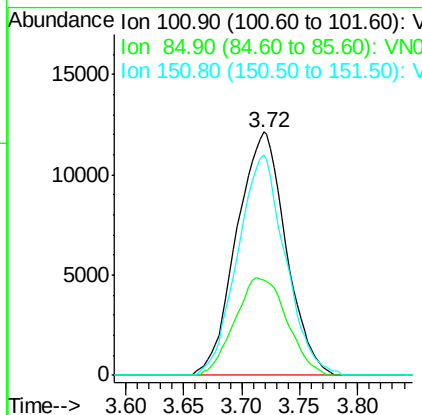
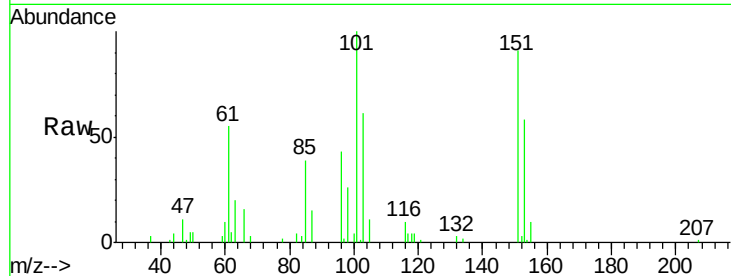
ClientSampleId :

VN0817WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 35786 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.4  | 34.1  | 51.1  |
| 151       | 87.8  | 69.3  | 103.9 |

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#10

Methyl Iodide

Concen: 17.003 ug/l

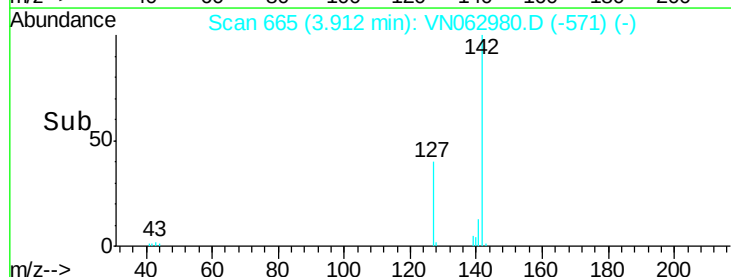
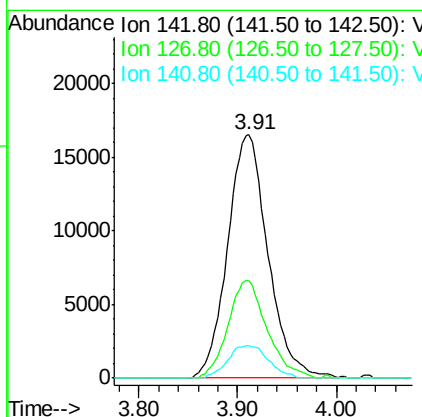
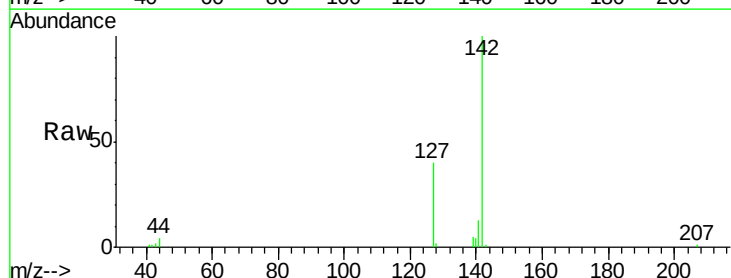
RT: 3.91 min Scan# 665

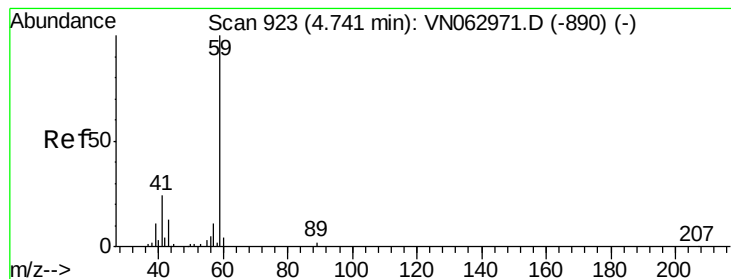
Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 47029 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 38.7  | 31.9  | 47.9  |
| 141       | 13.5  | 11.4  | 17.2  |





#11

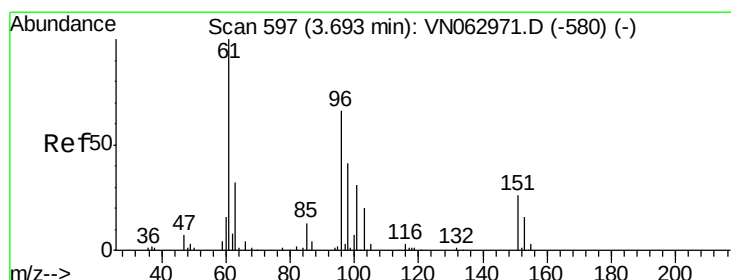
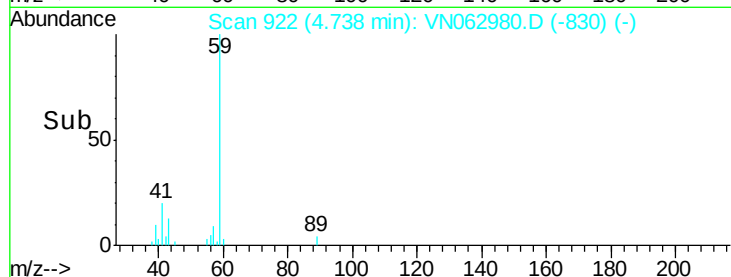
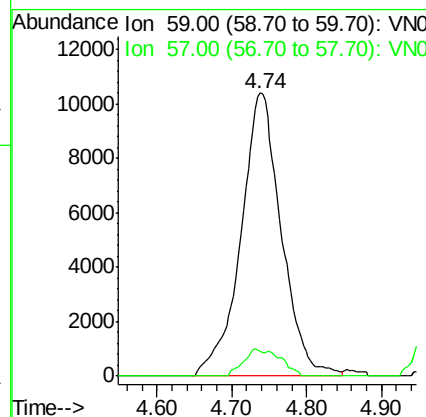
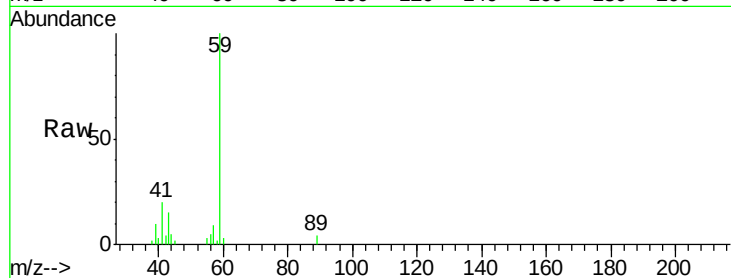
Tert butyl alcohol  
 Concen: 90.328 ug/l  
 RT: 4.74 min Scan# 922  
 Delta R.T. -0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 59      | 100   | 39206 |       |       |
| 57      | 4.8   |       | 7.6   | 11.4# |

Manual Integrations  
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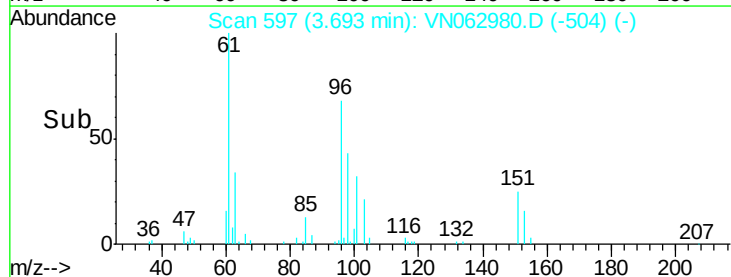
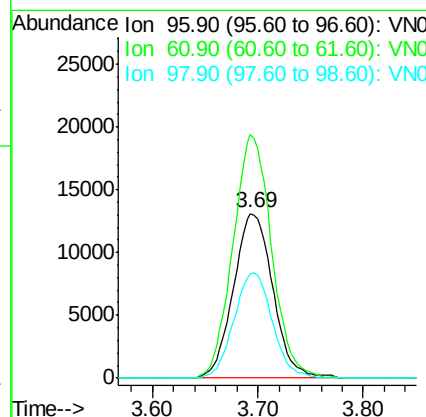
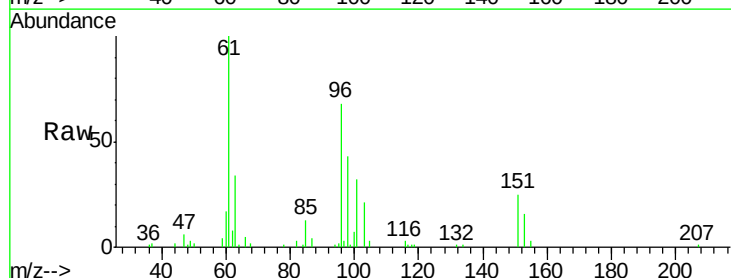
MMDadoda  
 8/18/2020 11:13:06 AM

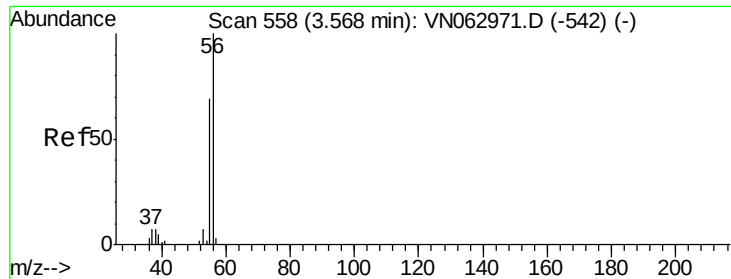


#12

1,1-Dichloroethene  
 Concen: 16.520 ug/l  
 RT: 3.69 min Scan# 597  
 Delta R.T. -0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 34026 |       |       |
| 61      | 147.8 |       | 120.4 | 180.6 |
| 98      | 63.1  |       | 49.8  | 74.6  |





#13

Acrolein

Concen: 56.070 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0817WBSD01

Tot Ion: 56 Resp: 14601

Ion Ratio Lower Upper

56 100

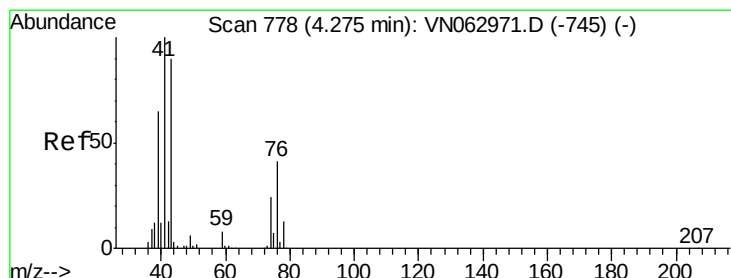
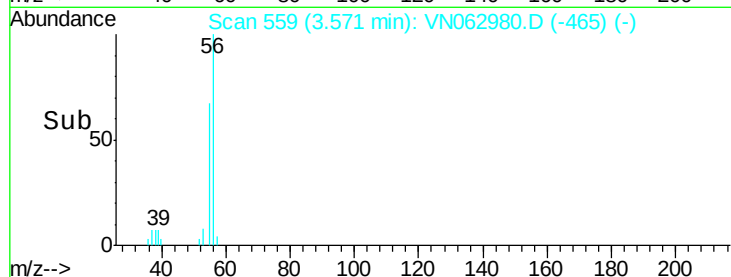
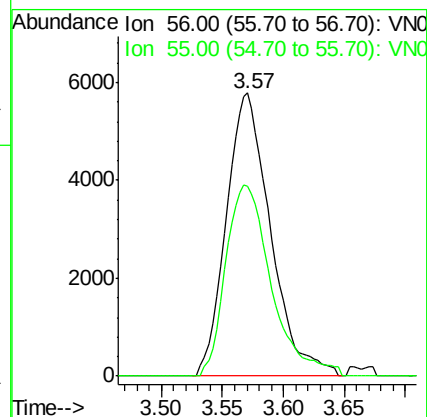
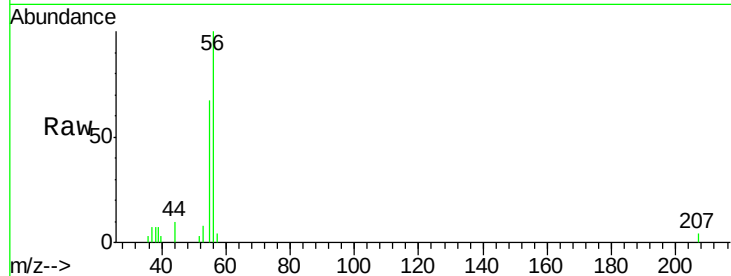
55 69.6 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 16.259 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

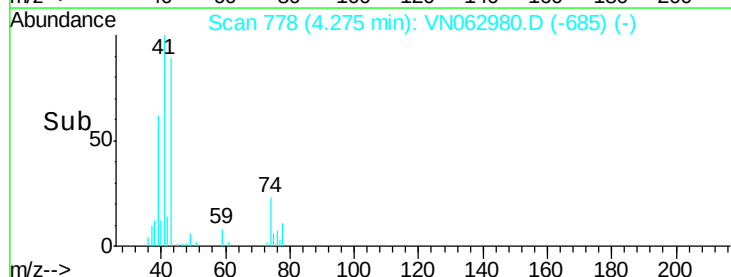
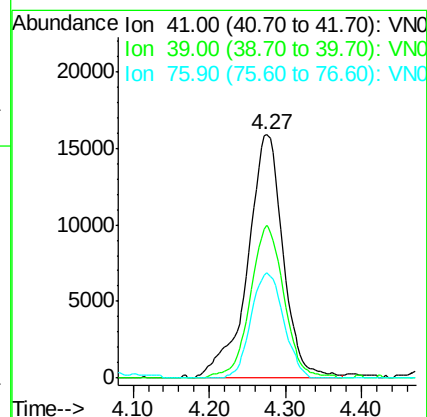
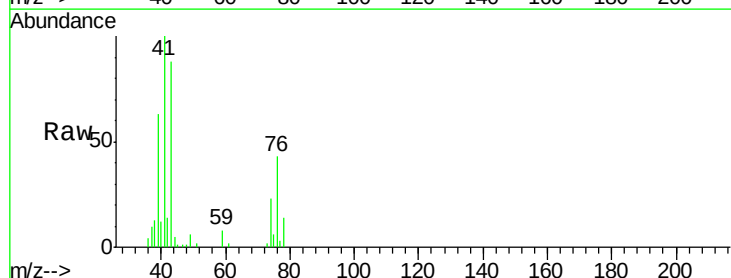
Tgt Ion: 41 Resp: 51706

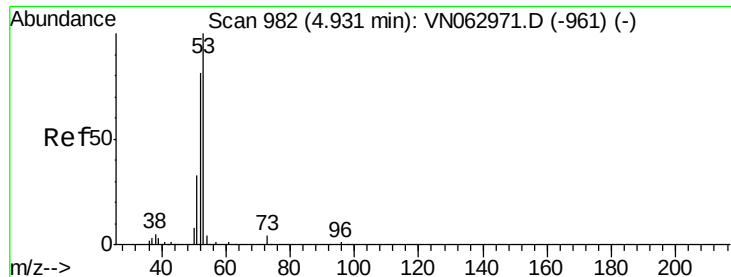
Ion Ratio Lower Upper

41 100

39 59.1 46.7 70.1

76 39.4 30.2 45.4





#15

Acrylonitrile

Concen: 87.788 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

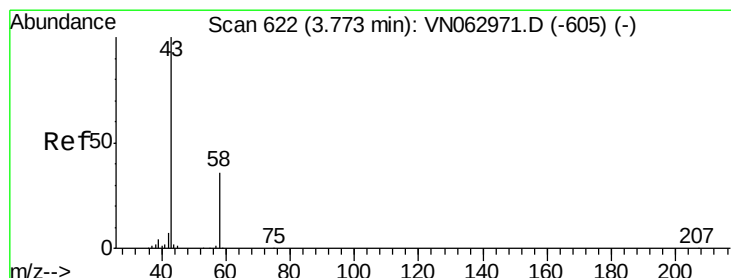
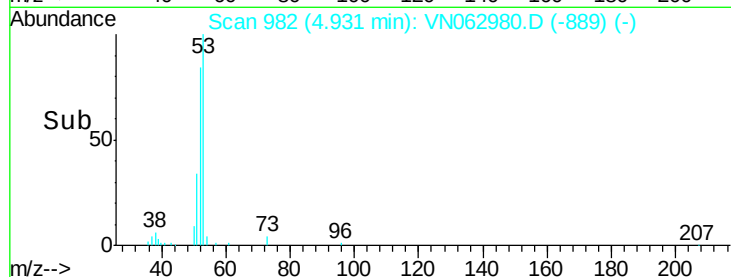
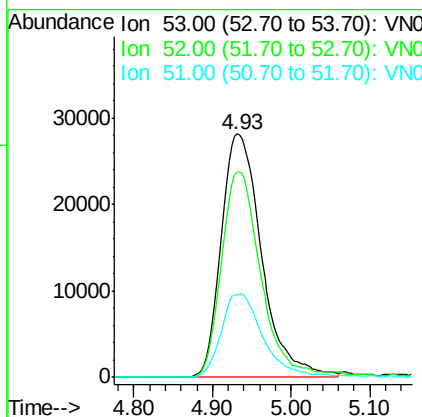
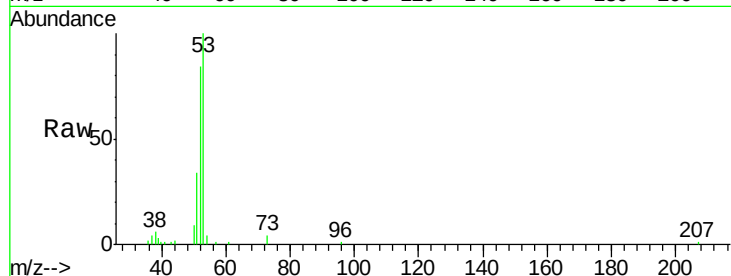
ClientSampleId :

VN0817WBSD01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 100486 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 81.4 | 65.0  | 97.6   |
| 51        | 34.9 | 27.4  | 41.2   |

Manual Integrations  
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#16

Acetone

Concen: 77.527 ug/l

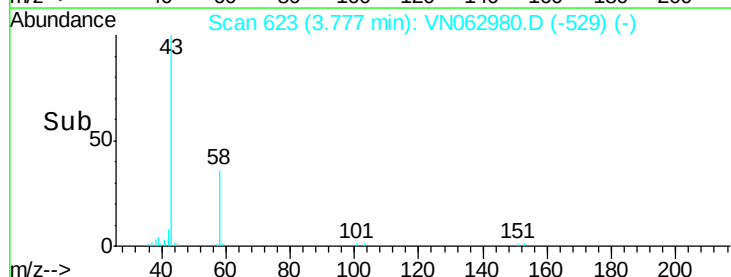
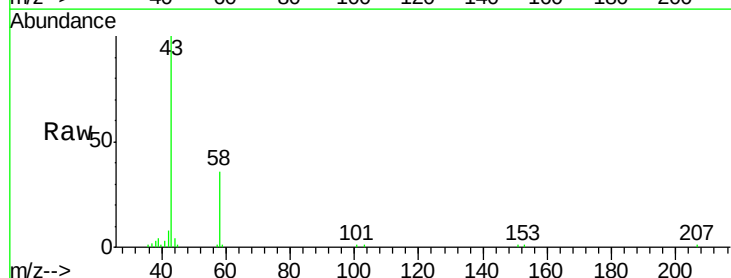
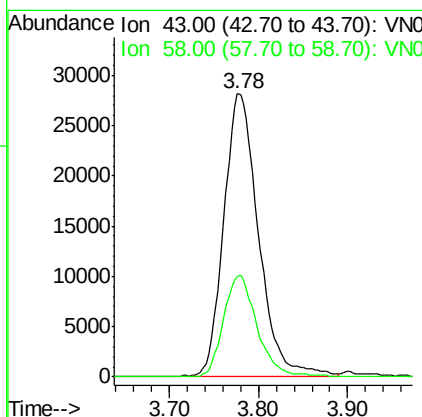
RT: 3.78 min Scan# 623

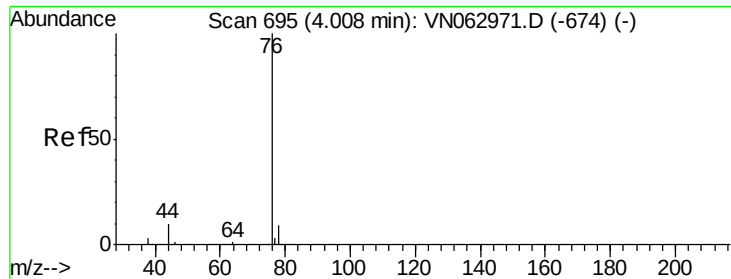
Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 43   | Resp: | 76244 |
| Ion Ratio |      | Lower | Upper |
| 43        | 100  |       |       |
| 58        | 35.6 | 28.7  | 43.1  |





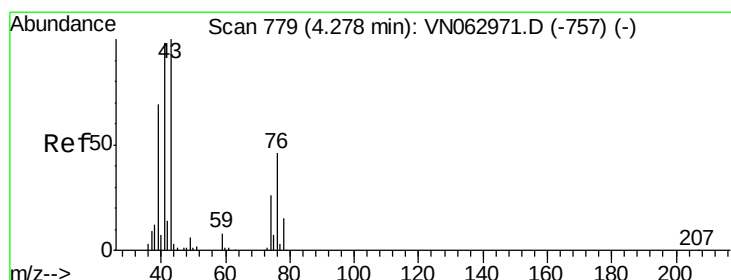
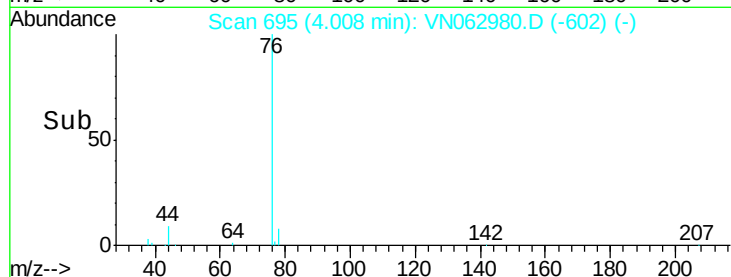
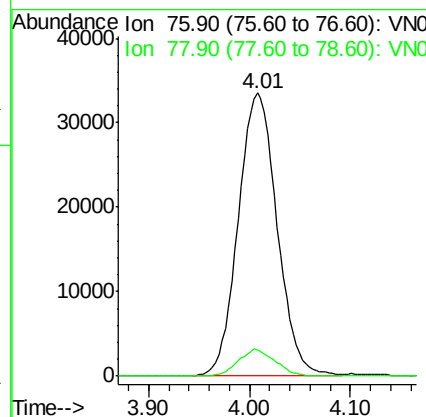
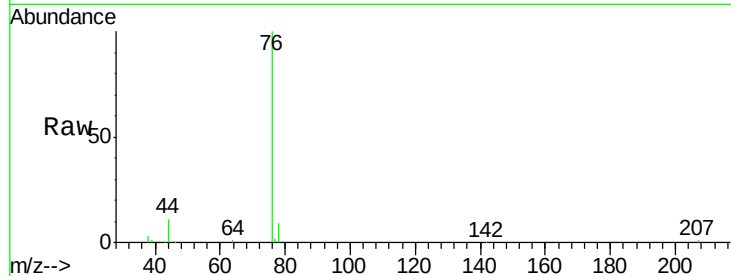
#17  
Carbon Disulfide  
Concen: 15.167 ug/l  
RT: 4.01 min Scan# 695  
Delta R.T. -0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 76      | 100 |       |       |       |
| 78      | 9.3 | 7.4   | 11.0  |       |

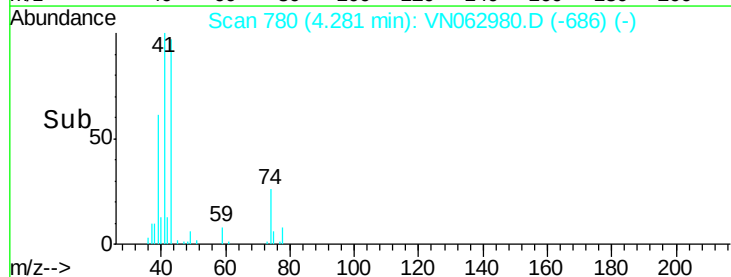
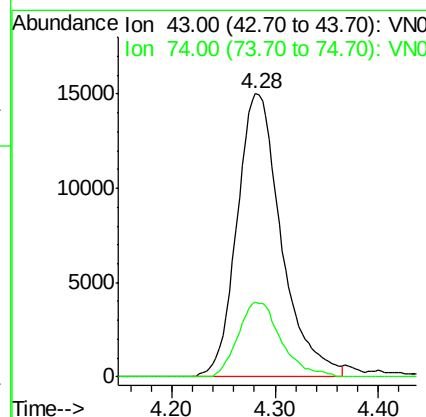
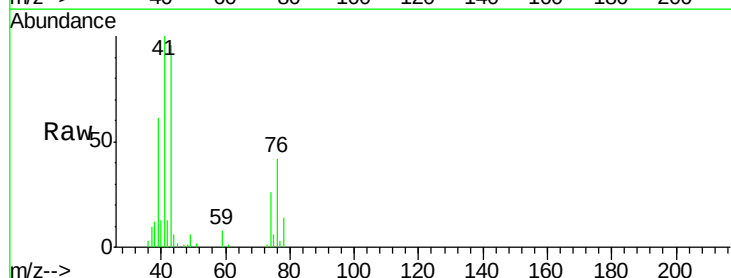
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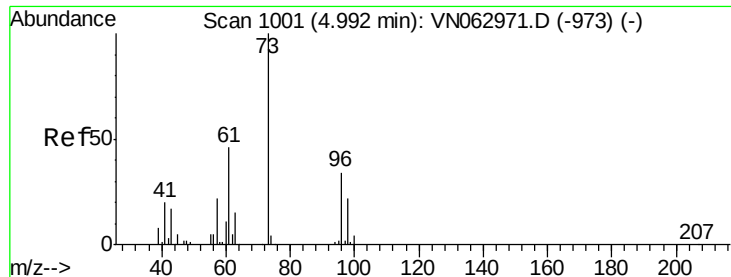
MMDadoda  
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#18  
Methyl Acetate  
Concen: 21.024 ug/l  
RT: 4.28 min Scan# 780  
Delta R.T. 0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 43      | 100  |       |       |       |
| 74      | 25.6 | 21.6  | 32.4  |       |





#19

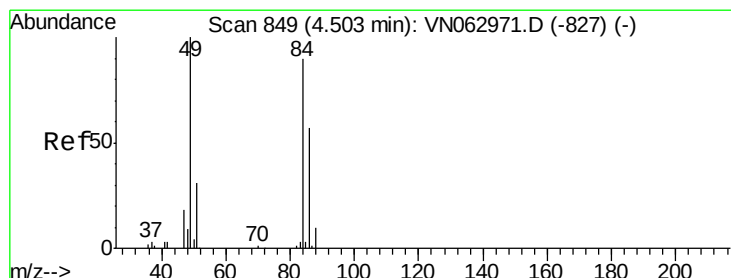
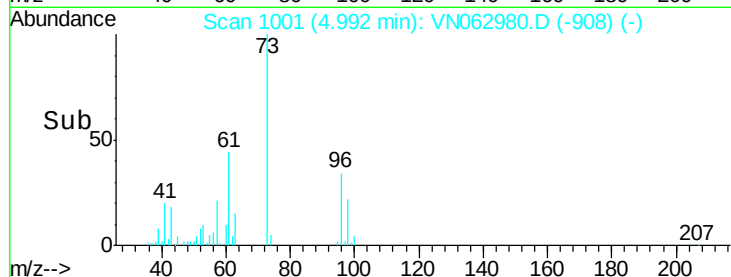
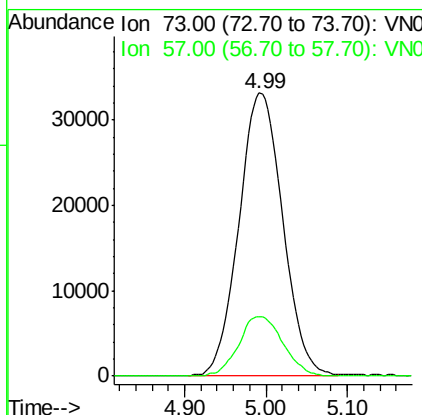
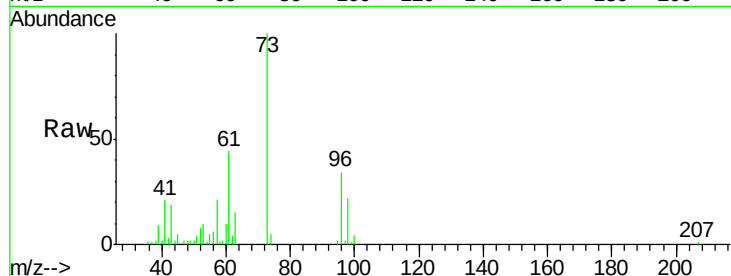
Methvl tert-butyl Ether  
 Concen: 18.377 ug/l  
 RT: 4.99 min Scan# 1001  
 Delta R.T. -0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0817WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.0  | 17.6  | 26.4  |

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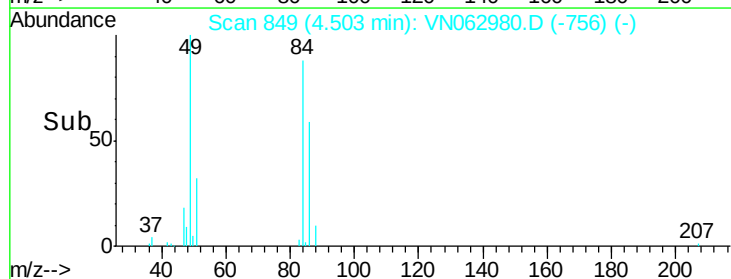
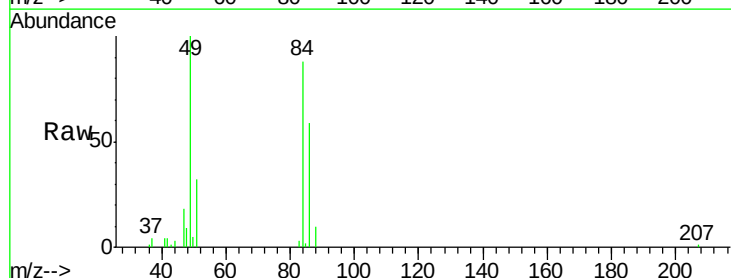
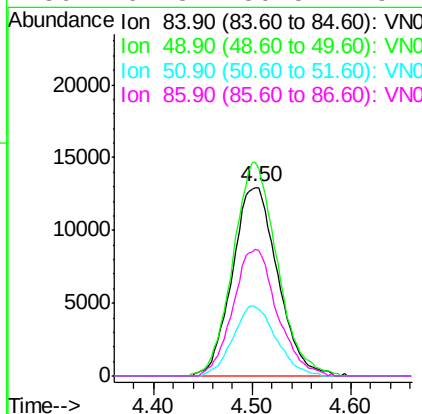
MMDadoda  
 8/18/2020 11:13:06 AM

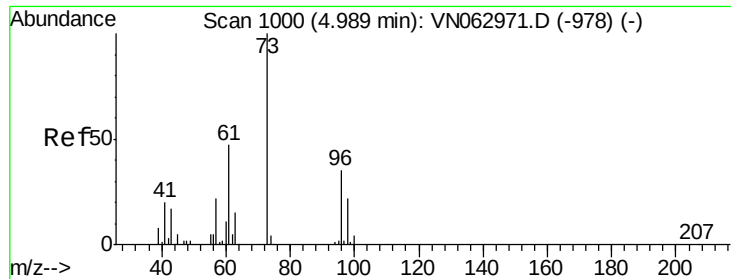


#20

Methylene Chloride  
 Concen: 17.808 ug/l  
 RT: 4.50 min Scan# 849  
 Delta R.T. 0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 113.4 | 88.8  | 133.2 |
| 51      | 36.8  | 27.1  | 40.7  |
| 86      | 67.3  | 50.5  | 75.7  |





#21

trans-1,2-Dichloroethene

Concen: 17.077 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

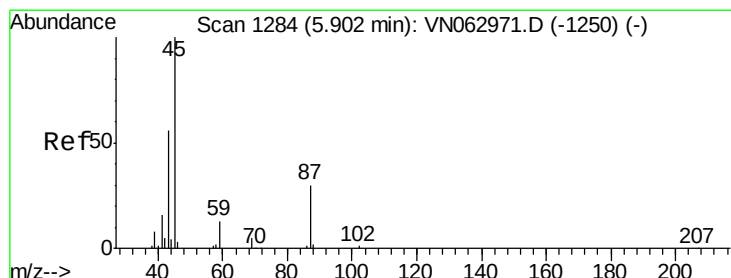
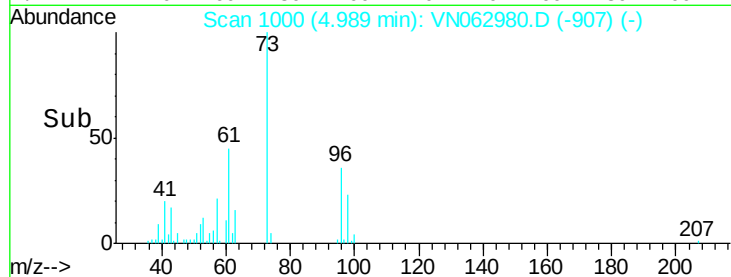
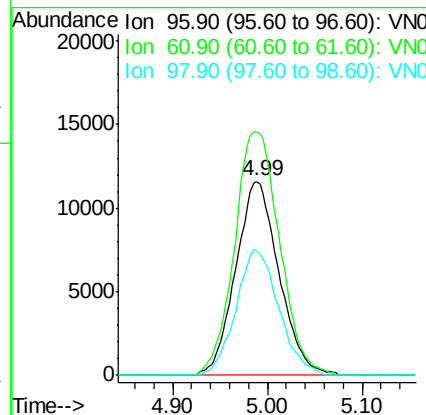
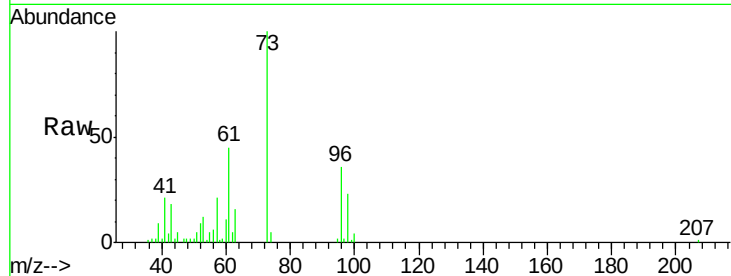
ClientSampleId :

VN0817WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 36842 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 125.7 | 107.7 | 161.5 |
| 98       | 64.3  | 51.0  | 76.4  |

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#22

Diisopropyl ether

Concen: 17.905 ug/l

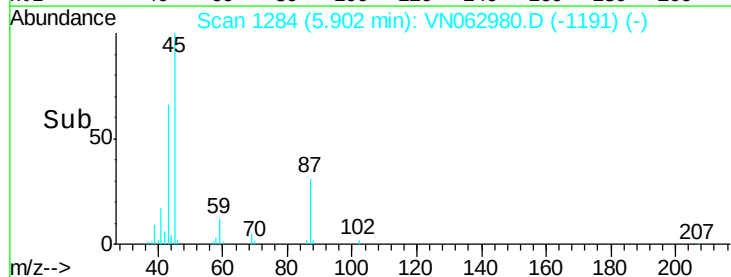
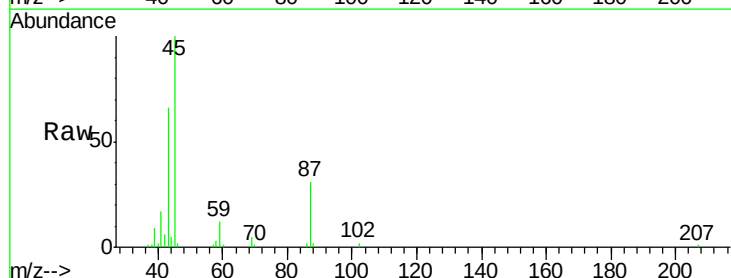
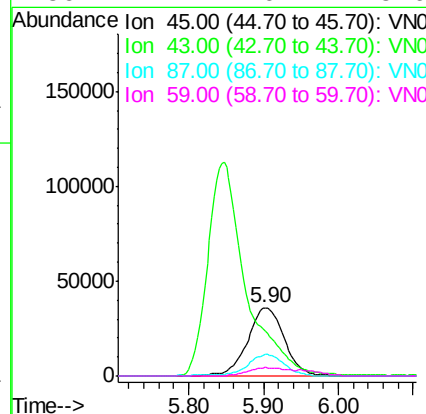
RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

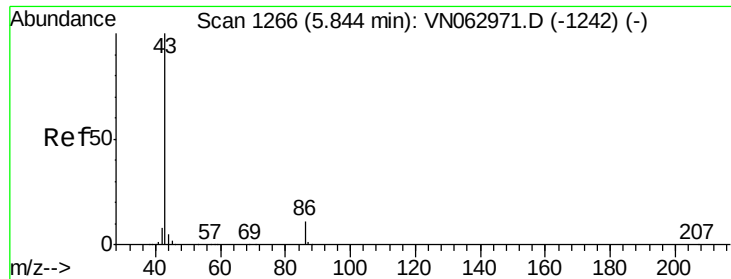
Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 123040 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 63.9  | 47.1  | 70.7   |
| 87       | 31.1  | 24.3  | 36.5   |
| 59       | 12.2  | 10.4  | 15.6   |







#23

Vinyl Acetate

Concen: 82.196 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0817WBSD01

Tot Ion: 43 Resp: 398138

Ion Ratio Lower Upper

43 100

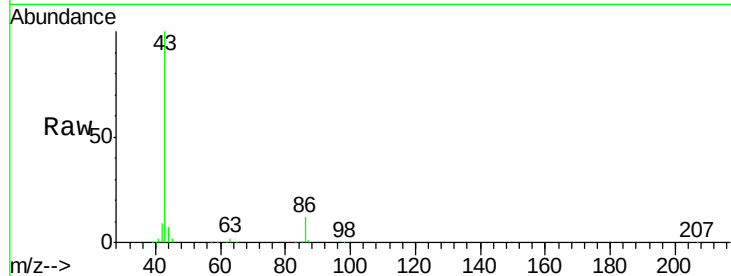
86 12.0 9.1 13.7

Manual Integrations

APPROVED

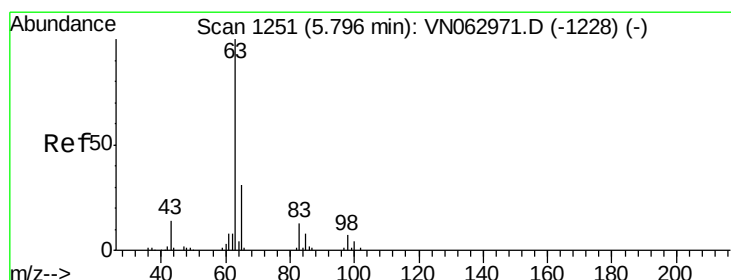
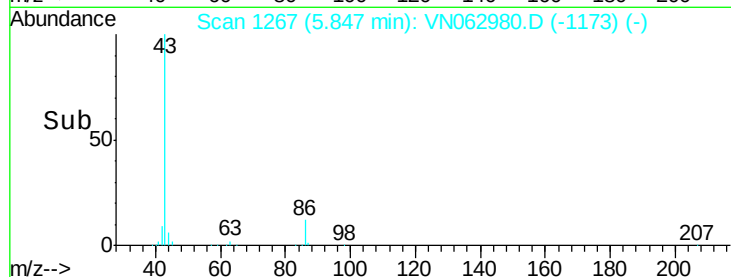
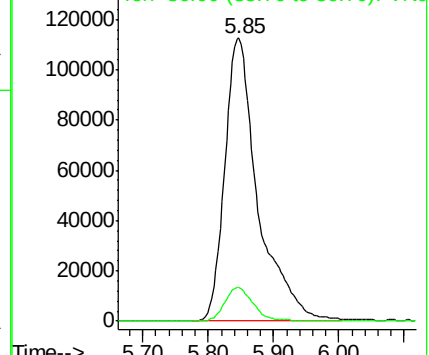
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 17.479 ug/l

RT: 5.80 min Scan# 1253

Delta R.T. 0.01 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

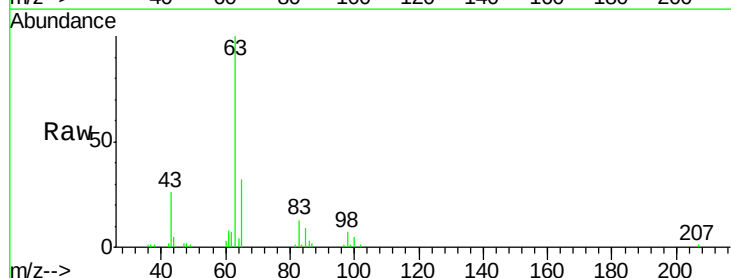
Tgt Ion: 63 Resp: 70226

Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

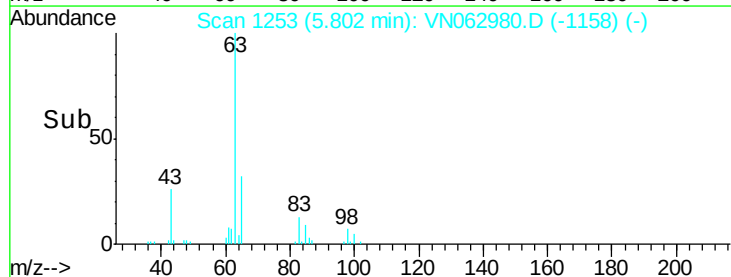
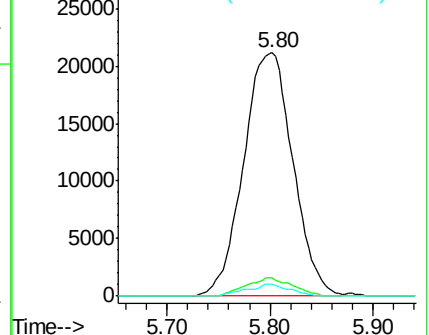
100 4.6 2.0 6.0

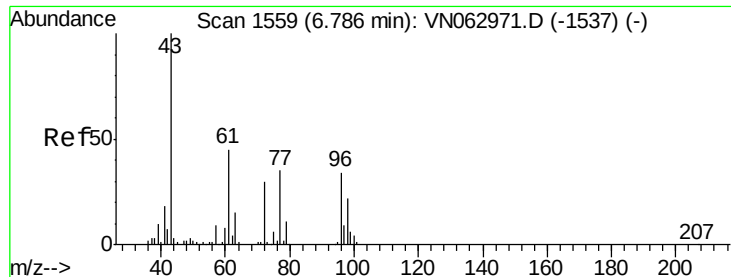


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





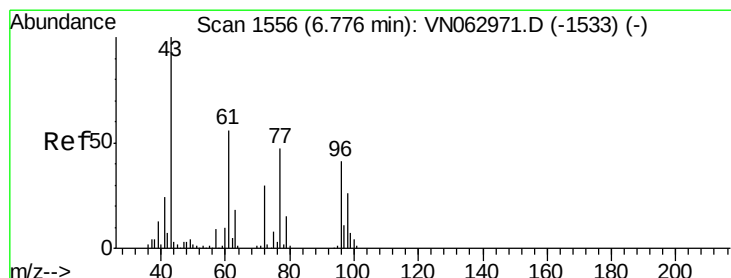
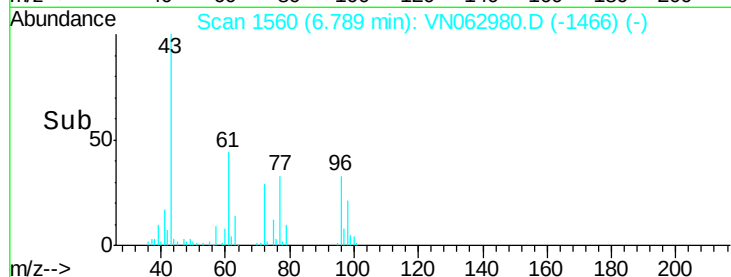
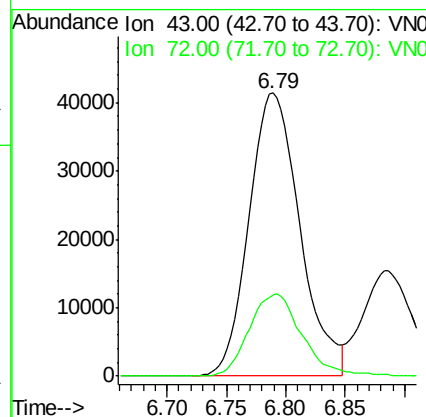
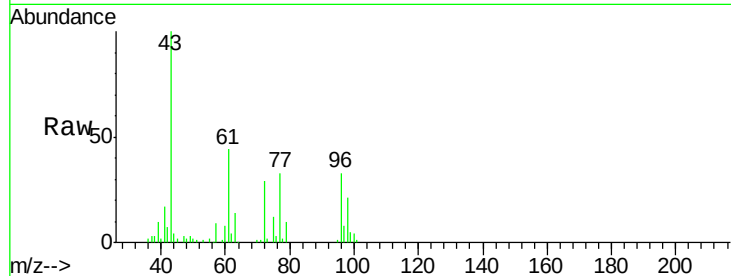
#25  
2-Butanone  
Concen: 86.860 ug/l  
RT: 6.79 min Scan# 1560  
Delta R.T. 0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

| Tot Ion   | 43    | Resp  | 123113 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 72        | 28.9  | 23.9  | 35.9   |

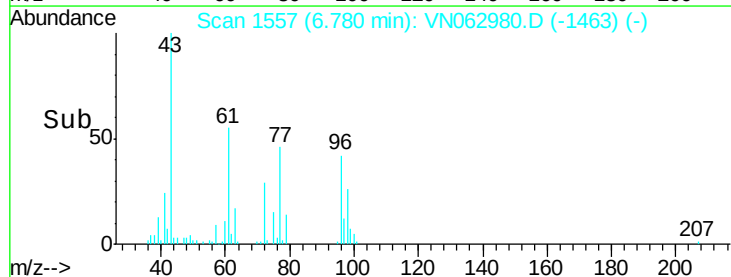
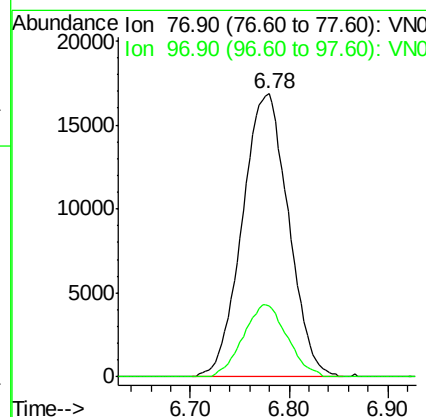
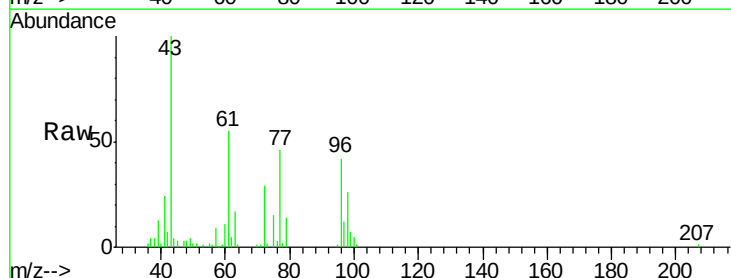
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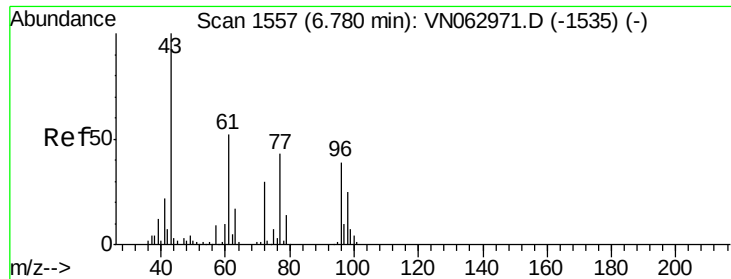
MMDadoda  
8/18/2020 11:13:06 AM



#26  
2,2-Dichloropropane  
Concen: 16.478 ug/l  
RT: 6.78 min Scan# 1557  
Delta R.T. 0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

| Tgt Ion   | 77    | Resp  | 54727 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 97        | 24.3  | 12.0  | 36.1  |





#27

cis-1,2-Dichloroethene

Concen: 17.820 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

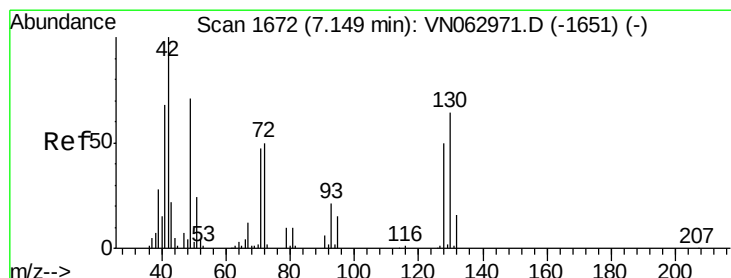
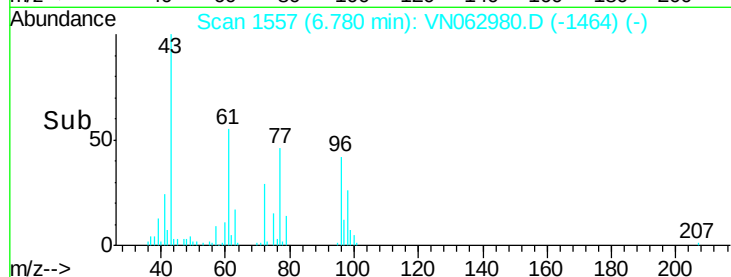
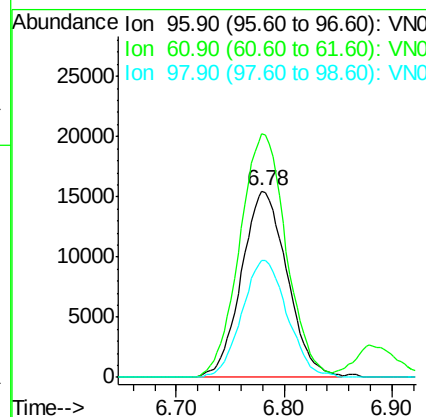
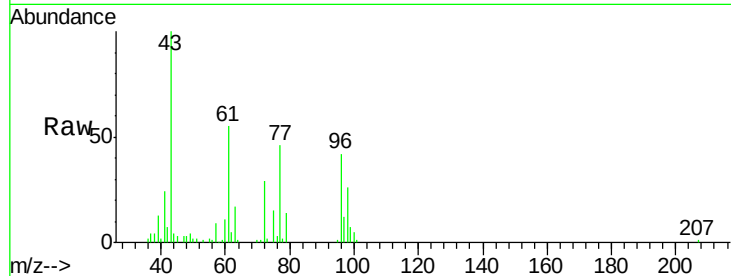
ClientSampleId :

VN0817WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 45612 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 132.7 | 0.0   | 270.4 |
| 98       | 62.1  | 0.0   | 128.2 |

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#28

Bromochloromethane

Concen: 19.106 ug/l

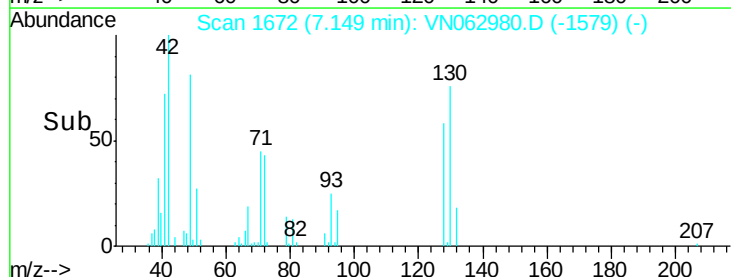
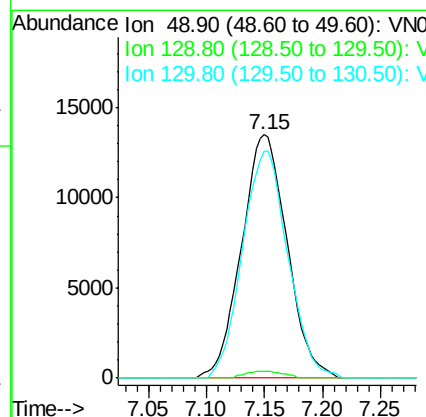
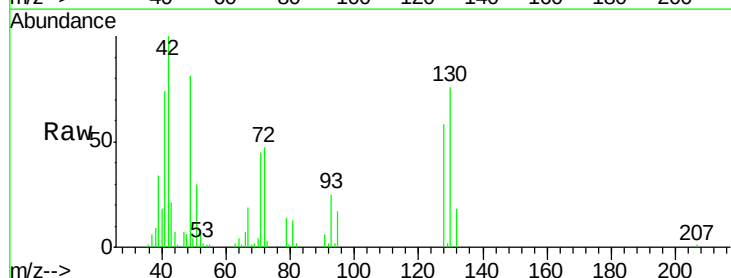
RT: 7.15 min Scan# 1672

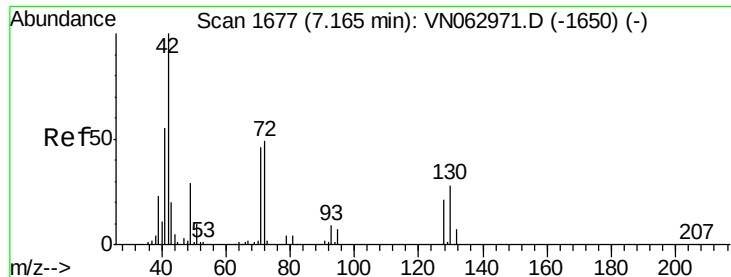
Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 37007 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.4   | 0.0   | 4.2   |
| 130      | 92.6  | 73.5  | 110.3 |





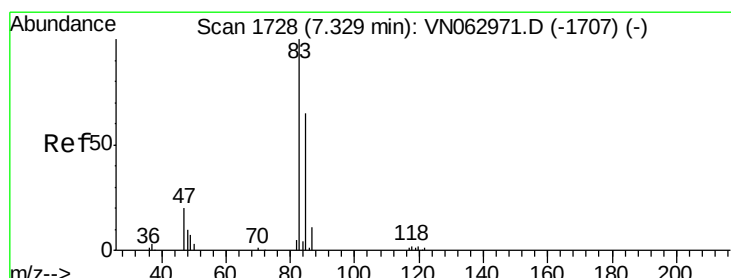
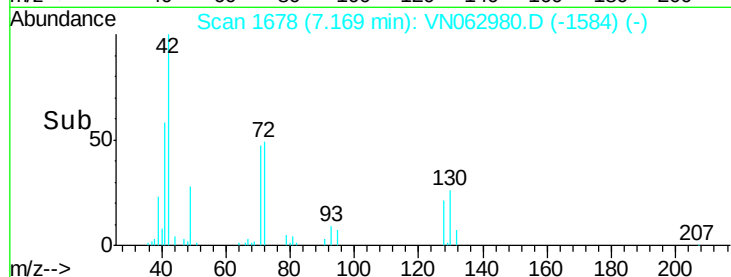
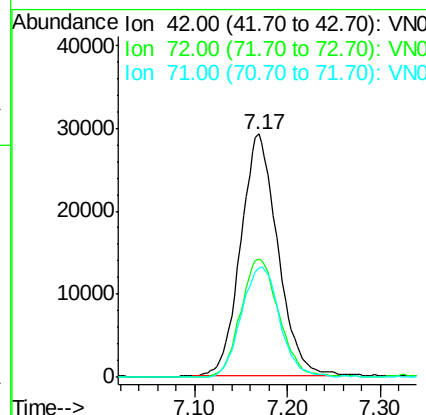
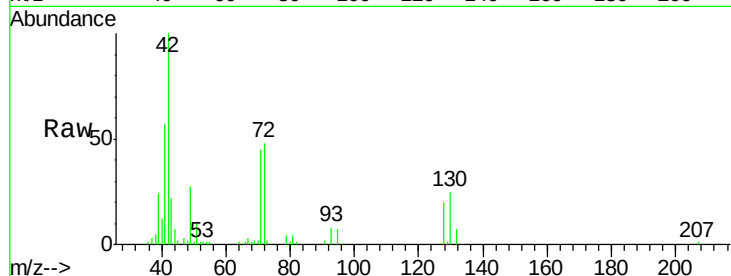
#29  
Tetrahydrofuran  
Concen: 104.645 ug/l  
RT: 7.17 min Scan# 1678  
Delta R.T. 0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 50.6  | 39.4  | 59.2  |
| 71      | 47.3  | 37.2  | 55.8  |

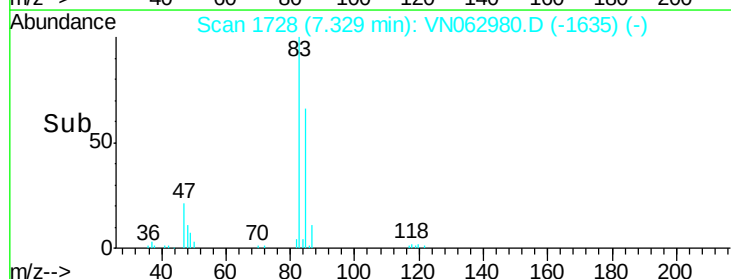
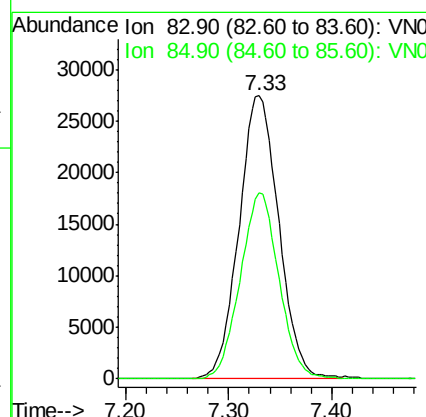
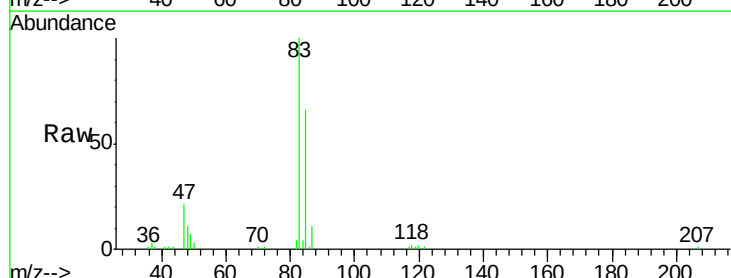
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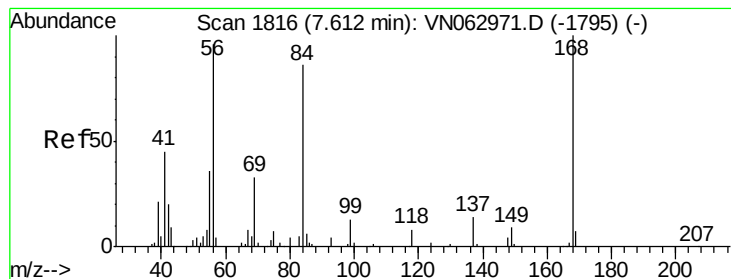
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#30  
Chloroform  
Concen: 17.550 ug/l  
RT: 7.33 min Scan# 1728  
Delta R.T. -0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.9  | 52.2  | 78.4  |





#31

Cyclohexane

Concen: 17.378 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

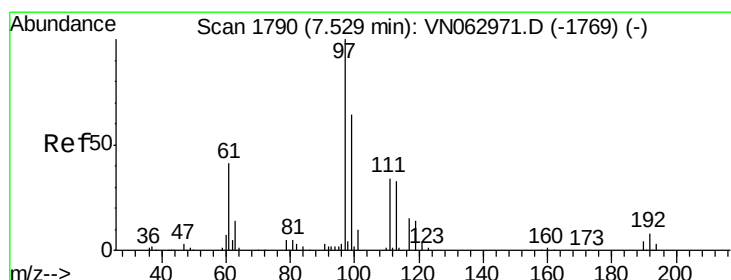
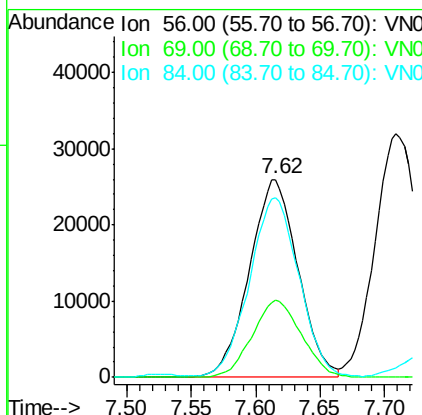
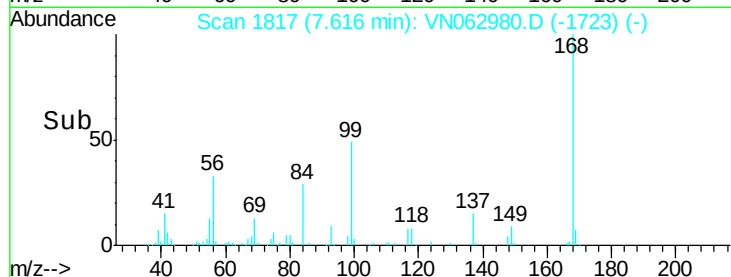
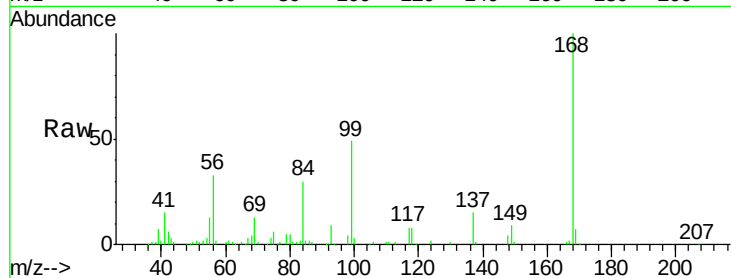
ClientSampleId :

VN0817WBSD01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 56      | 100  |       | 68085 |       |       |
| 69      | 38.8 | 27.4  | 41.2  |       |       |
| 84      | 90.1 | 71.3  | 106.9 |       |       |

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#32

1,1,1-Trichloroethane

Concen: 18.095 ug/l

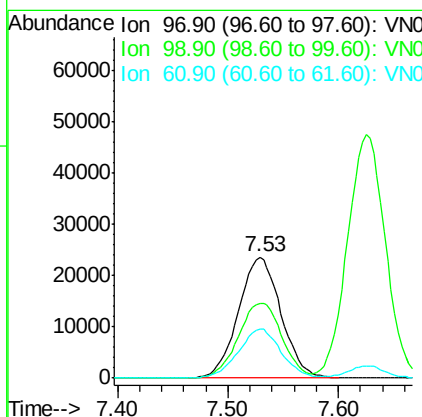
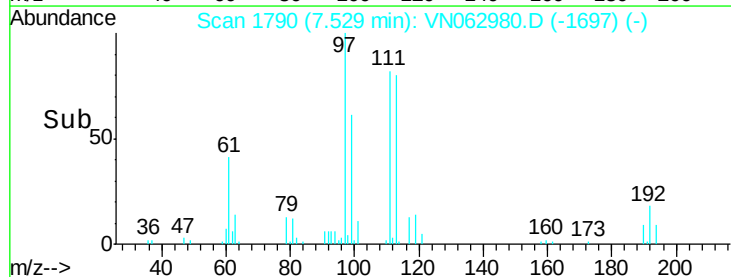
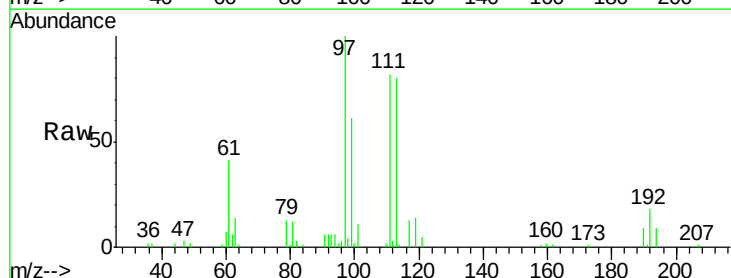
RT: 7.53 min Scan# 1790

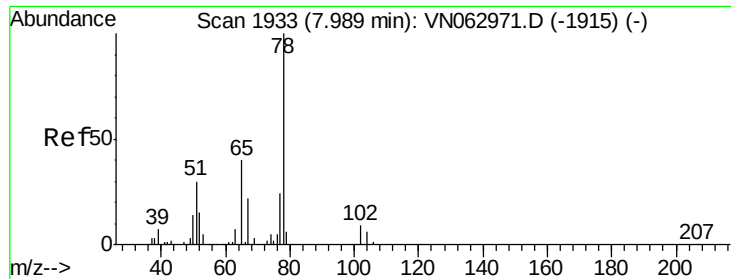
Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 62928 |       |       |
| 99      | 63.7 | 52.2  | 78.4  |       |       |
| 61      | 41.1 | 33.5  | 50.3  |       |       |





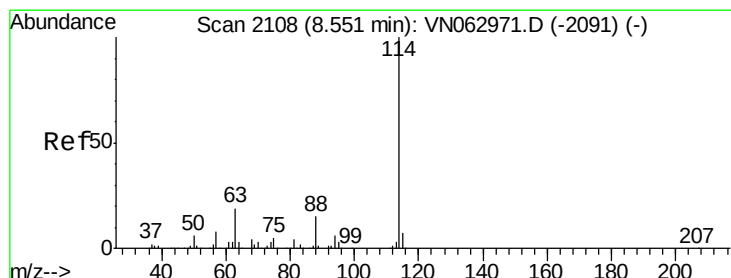
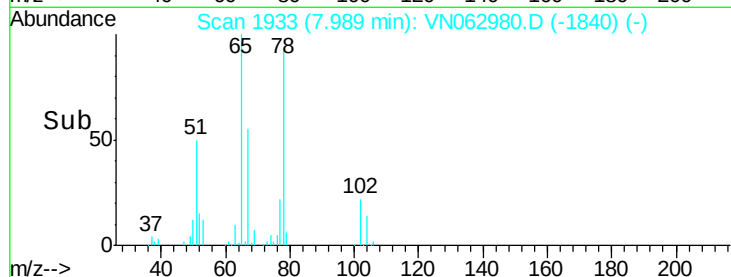
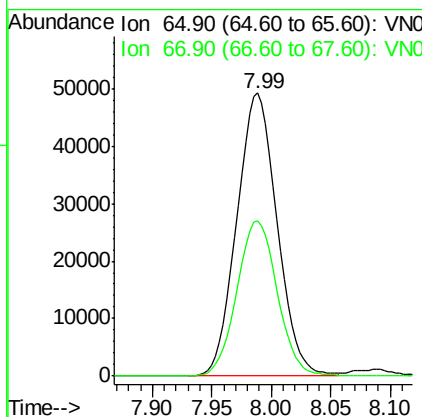
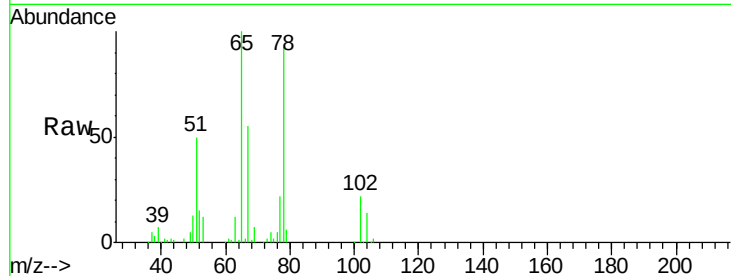
#33  
 1,2-Dichloroethane-d4  
 Concen: 45.529 ug/l  
 RT: 7.99 min Scan# 1933  
 Delta R.T. -0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 54.9  | 0.0  | 108.6 |       |

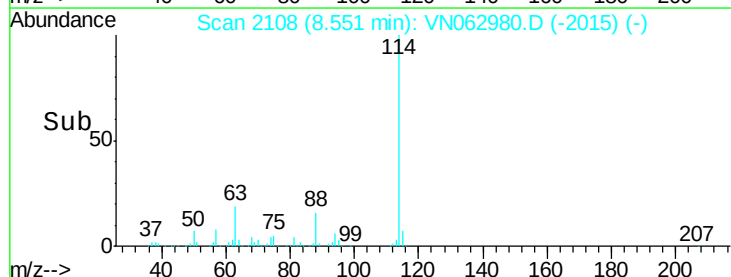
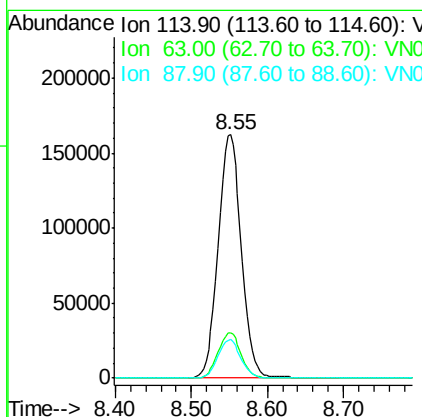
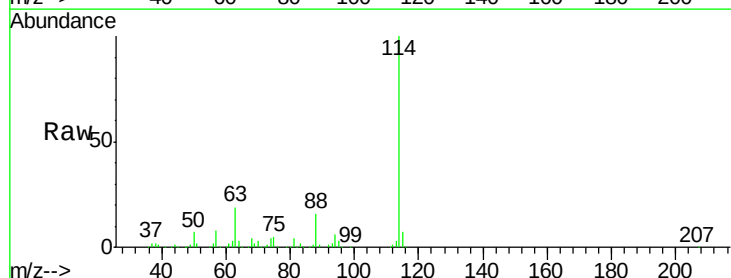
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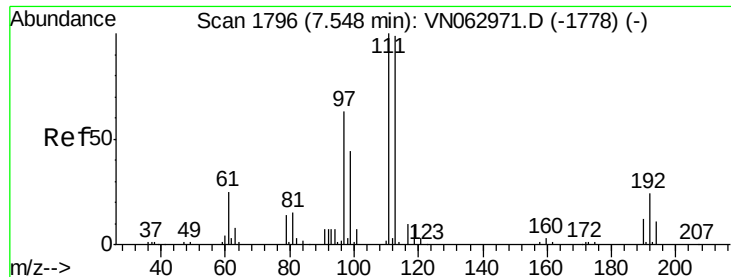
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. -0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 18.7  | 0.0  | 37.6  |       |
| 88      | 15.7  | 0.0  | 31.0  |       |





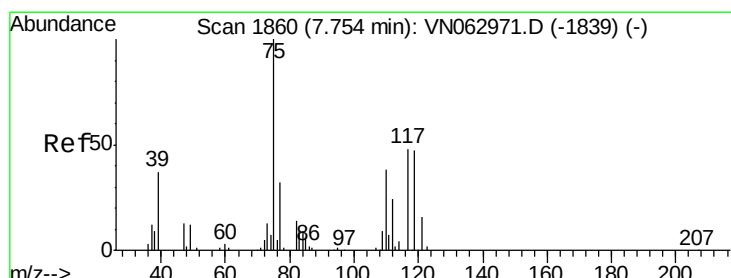
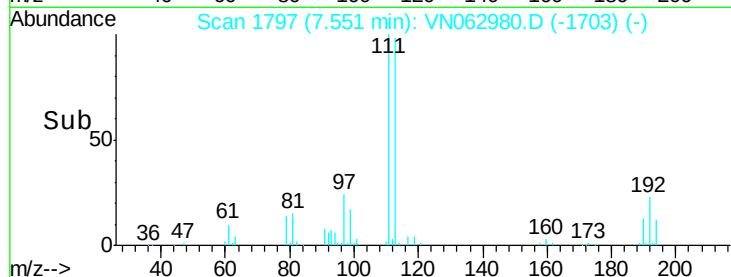
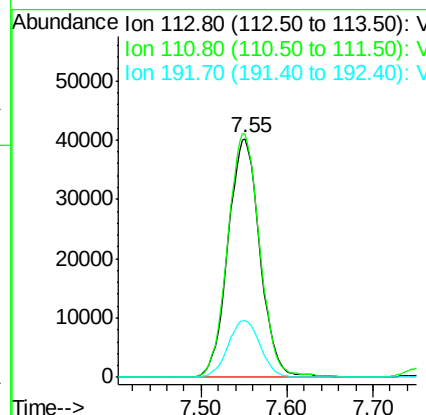
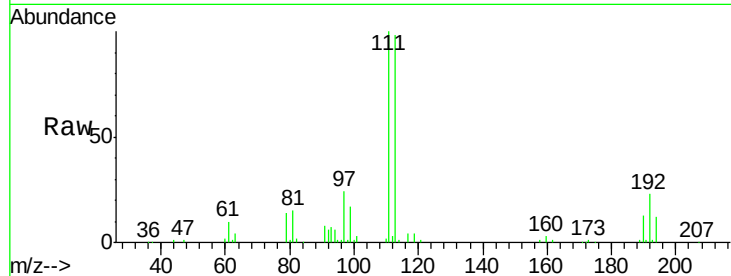
#35  
 Dibromofluoromethane  
 Concen: 46.242 ug/l  
 RT: 7.55 min Scan# 1797  
 Delta R.T. 0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 103397 |       |       |
| 111     | 102.6 | 81.4   | 122.0 |       |
| 192     | 24.0  | 19.2   | 28.8  |       |

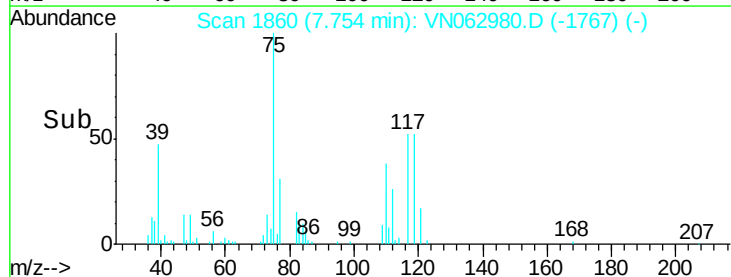
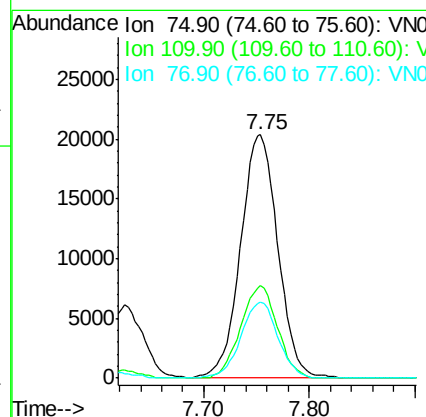
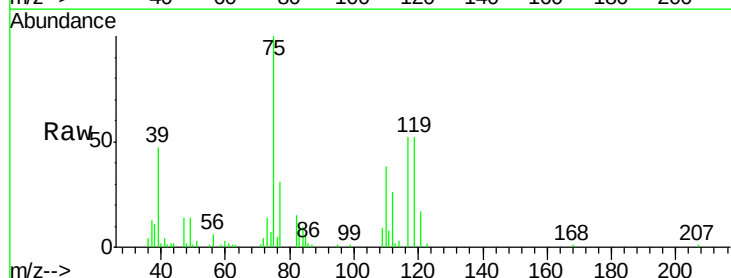
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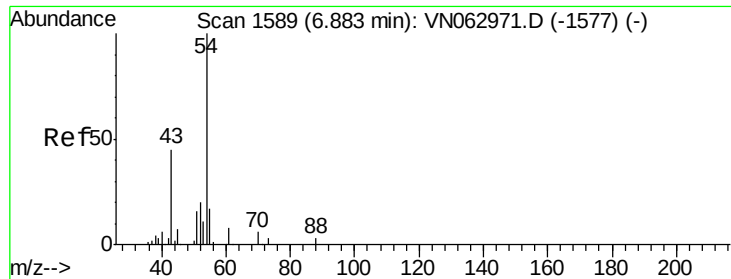
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#36  
 1,1-Dichloropropene  
 Concen: 16.993 ug/l  
 RT: 7.75 min Scan# 1860  
 Delta R.T. -0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 50041 |       |       |
| 110     | 37.3  | 18.7  | 56.1  |       |
| 77      | 31.2  | 25.6  | 38.4  |       |





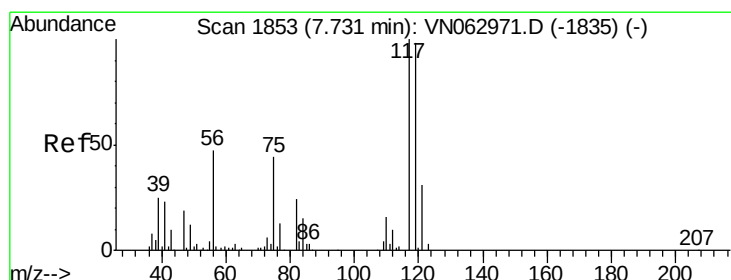
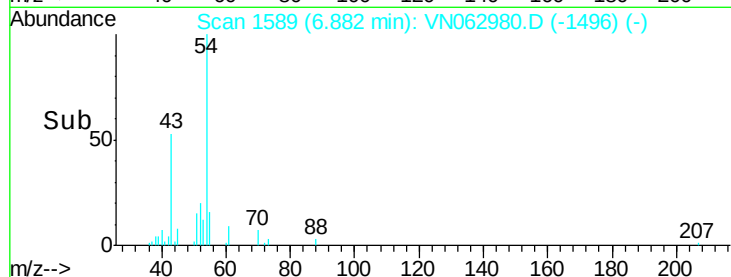
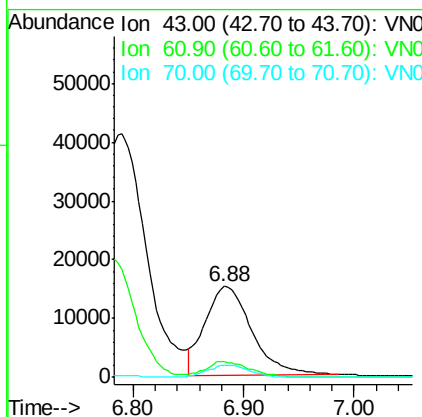
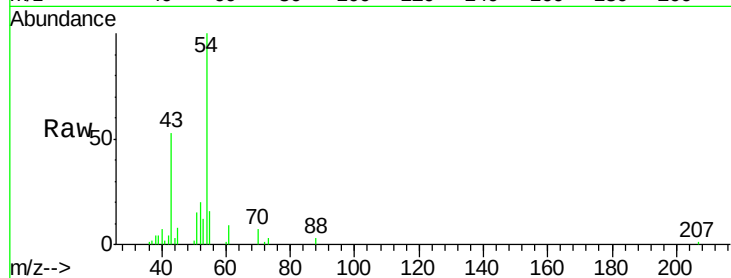
#37  
Ethyl Acetate  
Concen: 16.715 ug/l  
RT: 6.88 min Scan# 1589  
Delta R.T. -0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 16.8  | 12.4  | 18.6  |
| 70      | 12.0  | 9.9   | 14.9  |

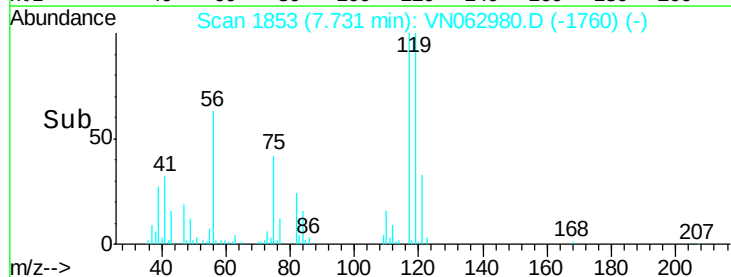
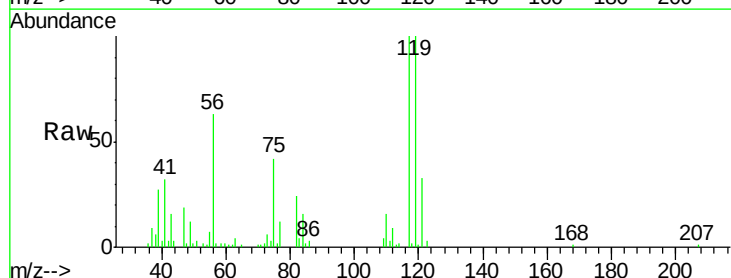
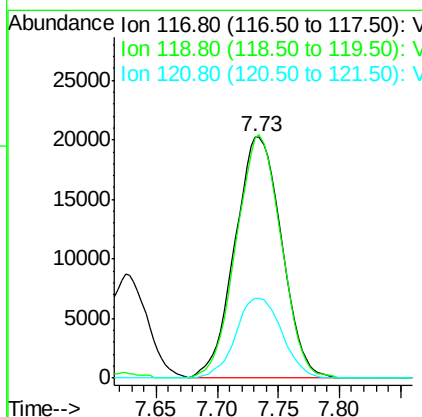
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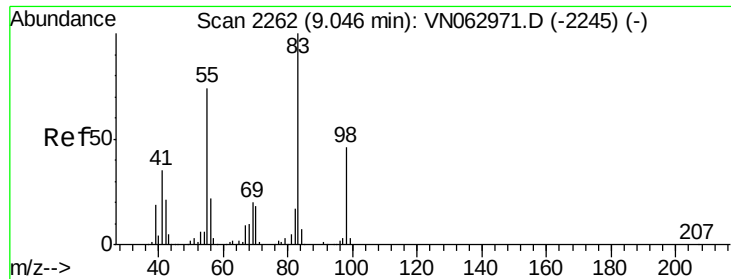


#38  
Carbon Tetrachloride  
Concen: 17.293 ug/l  
RT: 7.73 min Scan# 1853  
Delta R.T. -0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 99.7  | 77.9  | 116.9 |
| 121     | 32.8  | 24.8  | 37.2  |







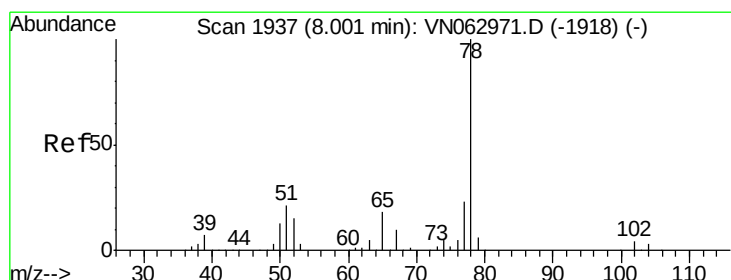
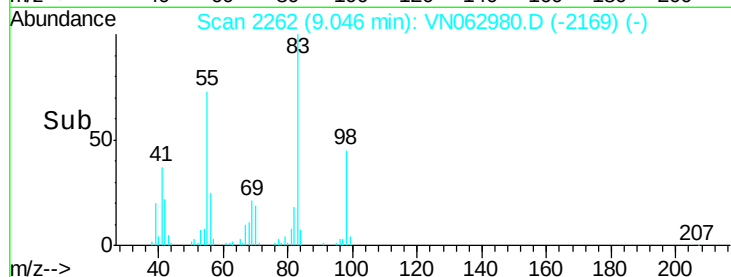
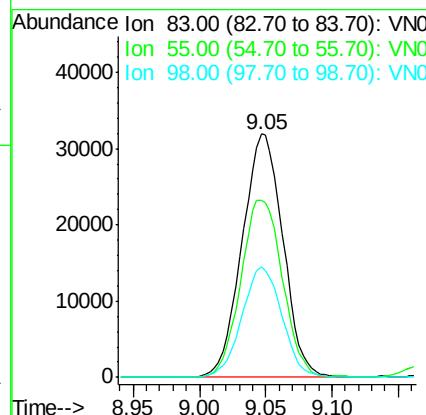
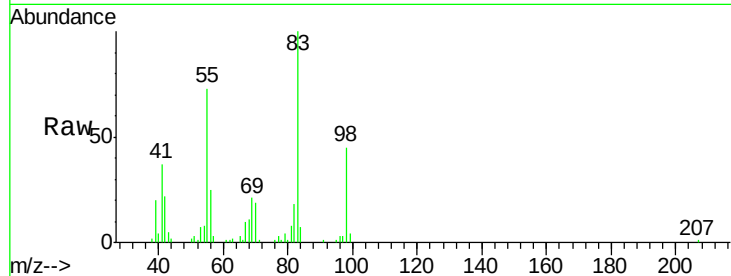
#39  
Methylvlcyclohexane  
Concen: 17.496 ug/l  
RT: 9.05 min Scan# 2262  
Delta R.T. -0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 72.7  | 59.0  | 88.6  |
| 98      | 45.3  | 36.8  | 55.2  |

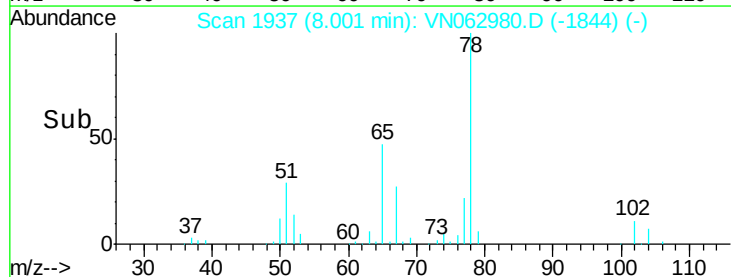
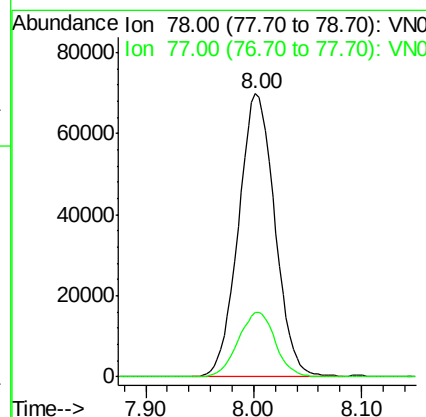
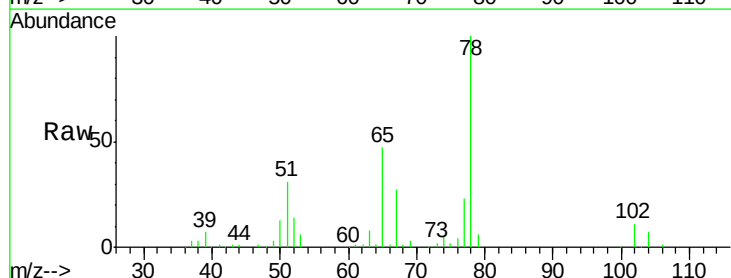
Manual Integrations  
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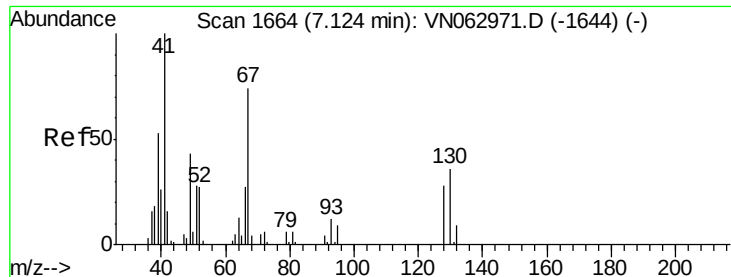
MMDadoda  
8/18/2020 11:13:06 AM



#40  
Benzene  
Concen: 17.627 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.7  | 18.6  | 27.8  |





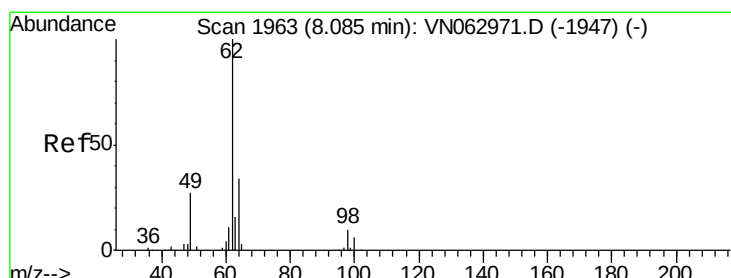
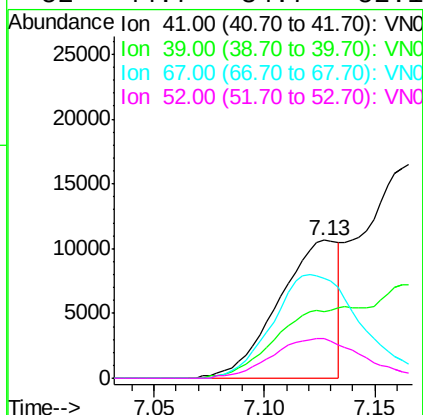
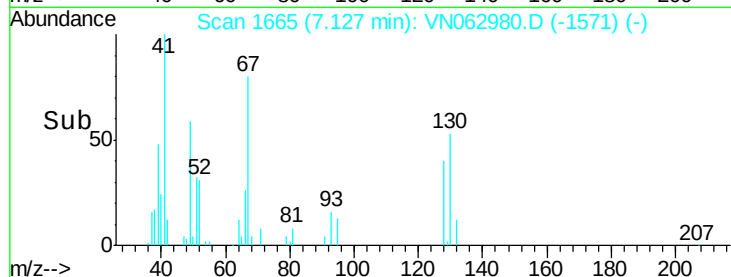
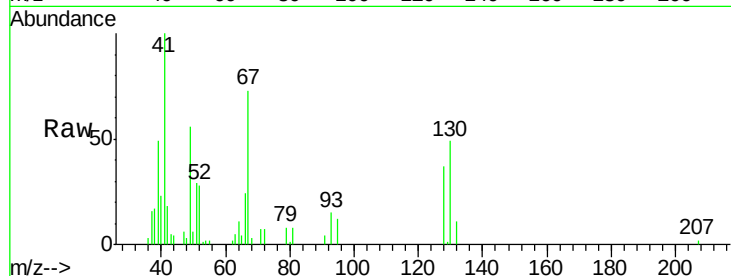
#41  
Methacrylonitrile  
Concen: 15.176 ug/l  
RT: 7.13 min Scan# 1665  
Delta R.T. 0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

| Tot Ion | 41    | Resp  | 20023 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 68.6  | 58.6  | 88.0  |
| 67      | 112.1 | 90.1  | 135.1 |
| 52      | 44.7  | 34.7  | 52.1  |

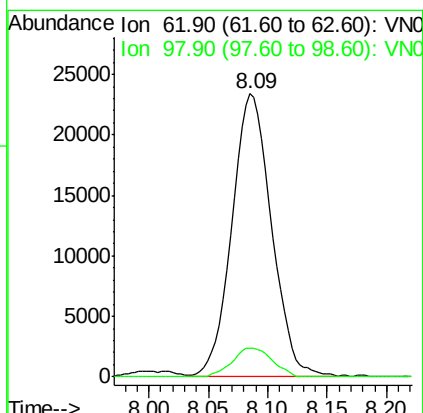
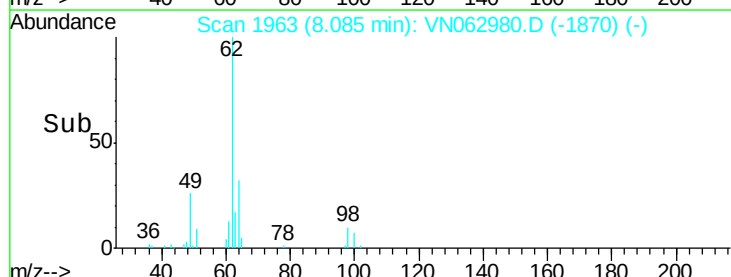
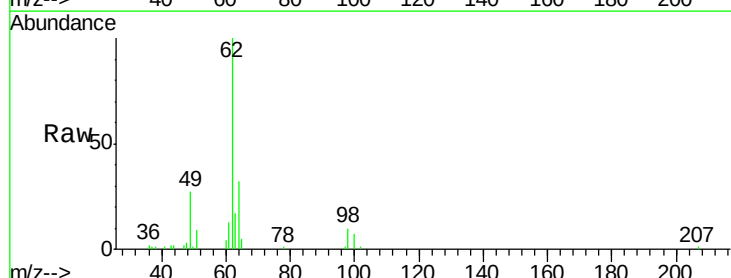
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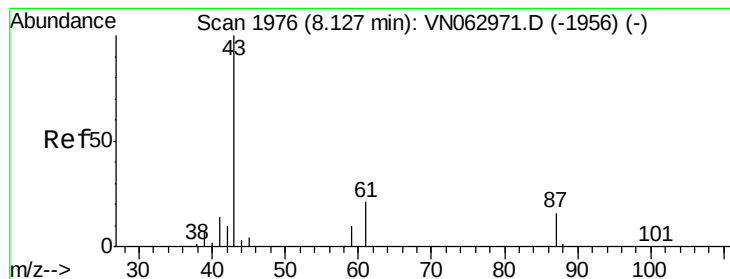
MMDadoda  
8/18/2020 11:13:06 AM



#42  
1,2-Dichloroethane  
Concen: 17.691 ug/l  
RT: 8.09 min Scan# 1963  
Delta R.T. -0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

| Tgt Ion | 62    | Resp  | 54089 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 62      | 100   |       |       |
| 98      | 10.2  | 0.0   | 20.8  |





#43

Isopropyl Acetate

Concen: 17.753 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

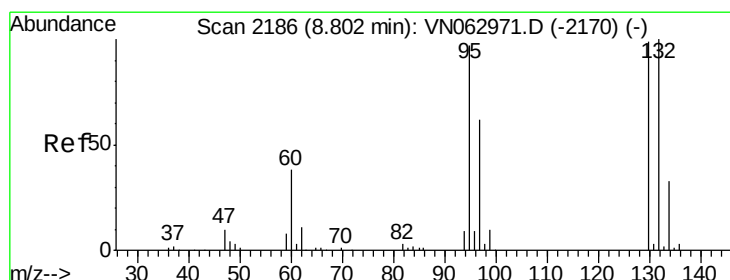
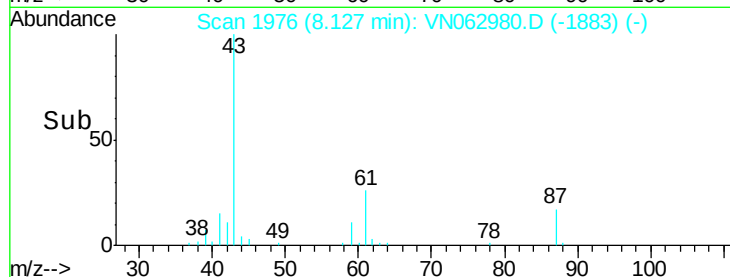
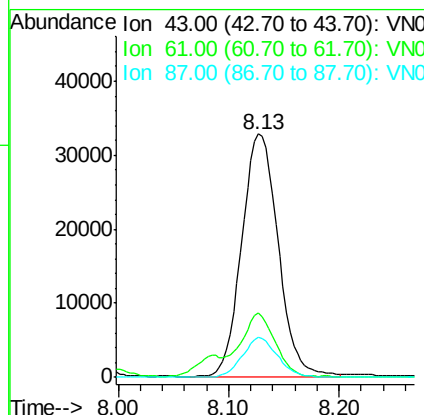
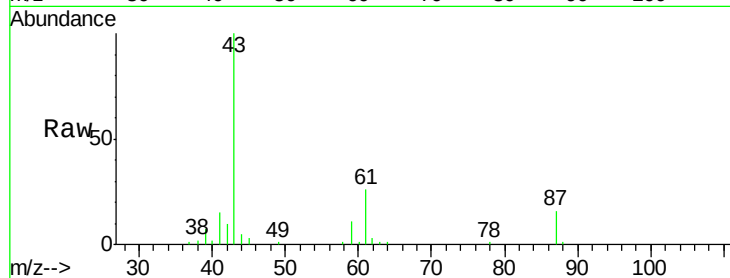
ClientSampleId :

VN0817WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 75883 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 24.4  | 24.6  | 36.8# |
| 87       | 15.6  | 12.4  | 18.6  |

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8/18/2020 11:13:06 AM



#44

Trichloroethene

Concen: 17.709 ug/l

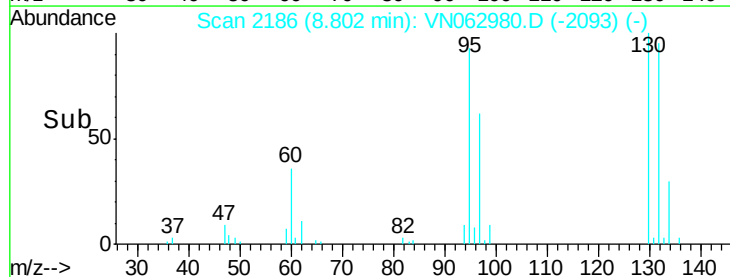
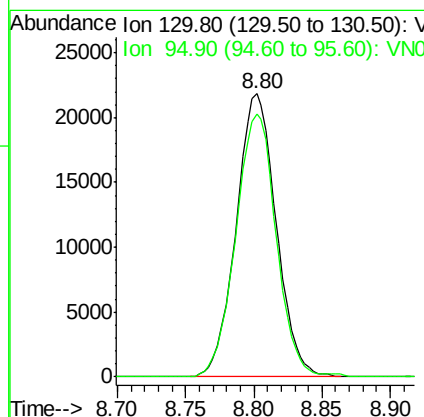
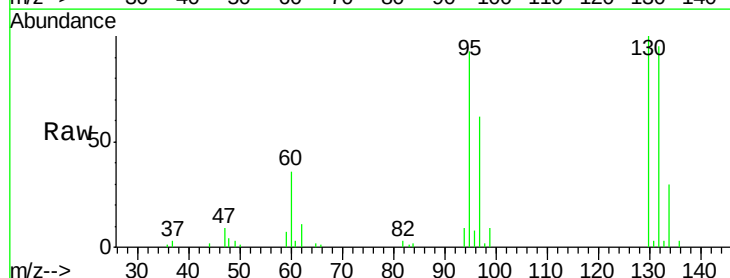
RT: 8.80 min Scan# 2186

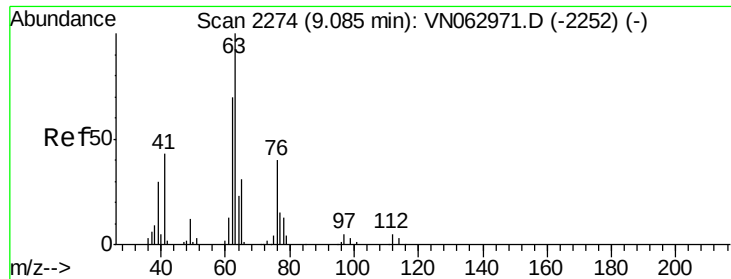
Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 44473 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 93.0  | 0.0   | 194.2 |





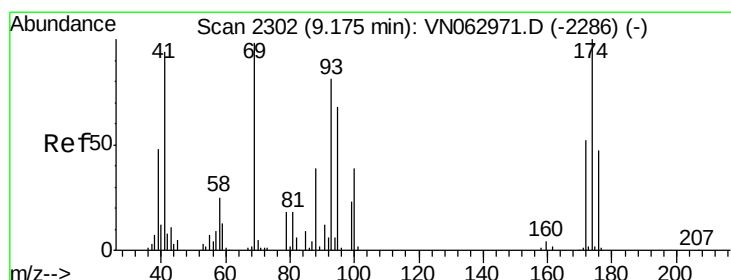
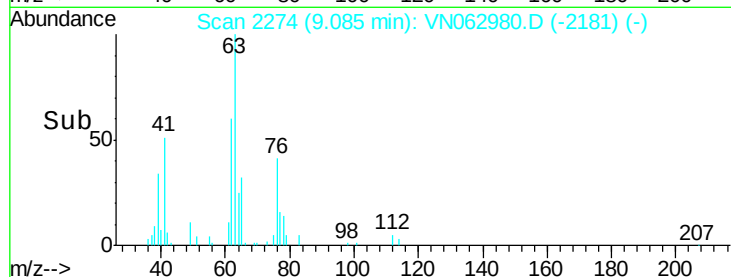
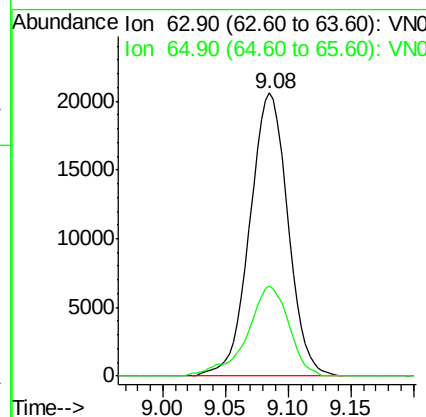
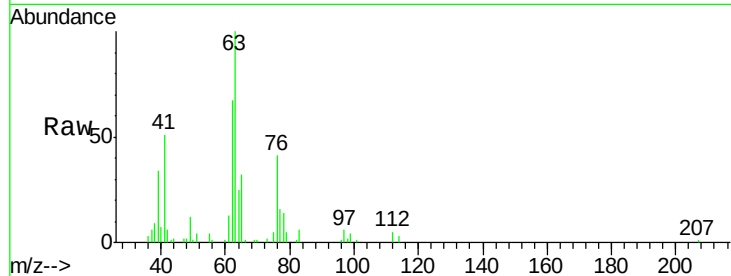
#45  
 1,2-Dichloropropane  
 Concen: 16.816 ug/l  
 RT: 9.08 min Scan# 2274  
 Delta R.T. -0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD01

Tot Ion: 63 Resp: 43644  
 Ion Ratio Lower Upper  
 63 100  
 65 31.8 24.7 37.1

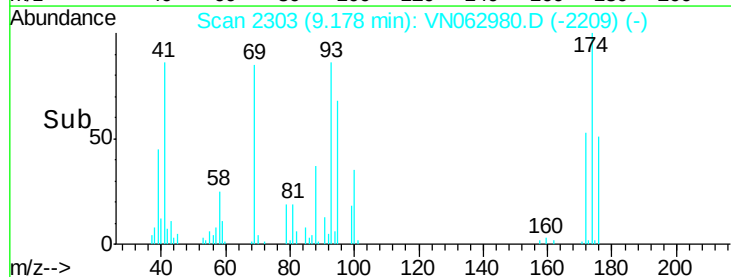
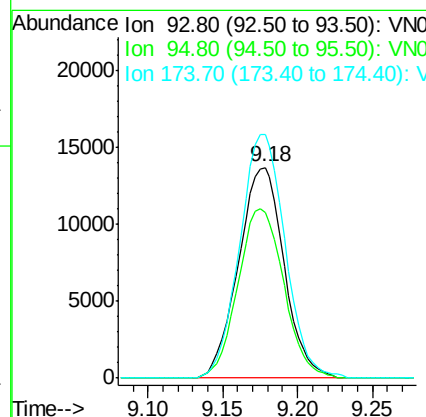
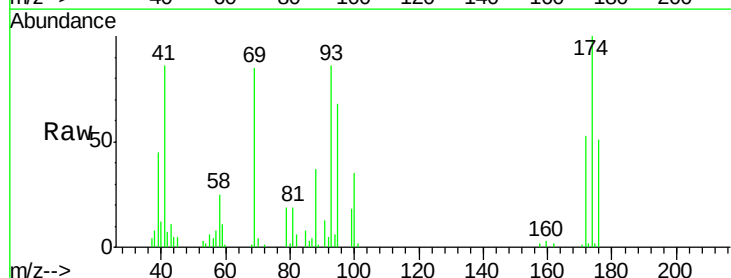
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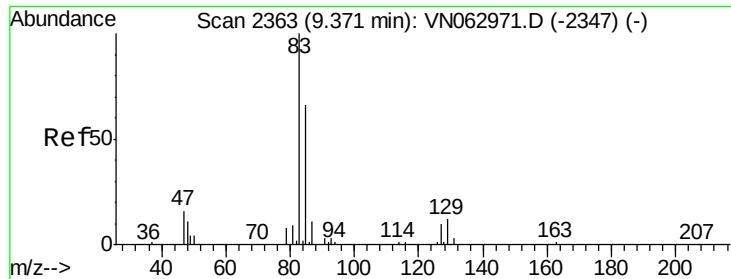
MMDadoda  
 8/18/2020 11:13:06 AM



#46  
 Dibromomethane  
 Concen: 17.977 ug/l  
 RT: 9.18 min Scan# 2303  
 Delta R.T. 0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

Tgt Ion: 93 Resp: 29049  
 Ion Ratio Lower Upper  
 93 100  
 95 80.8 66.6 99.8  
 174 115.2 96.6 145.0





#47

Bromodichloromethane

Concen: 18.070 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

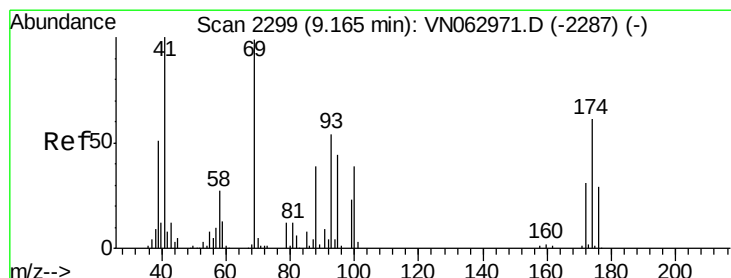
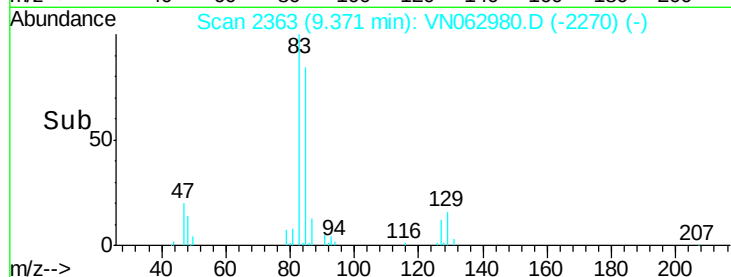
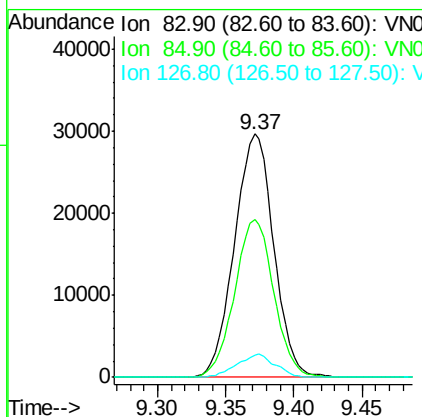
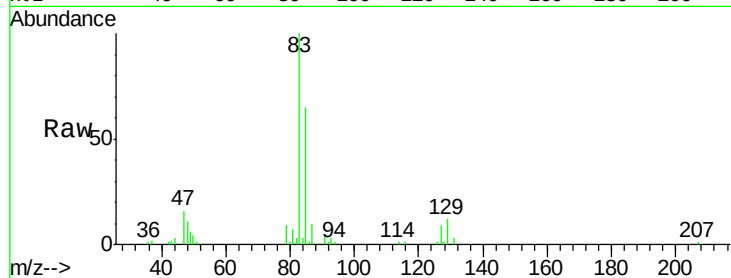
ClientSampleId :

VN0817WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 59225 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.8  | 52.4  | 78.6  |
| 127      | 9.3   | 7.8   | 11.6  |

Manual Integrations  
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8/18/2020 11:13:06 AM



#48

Methyl methacrylate

Concen: 17.851 ug/l

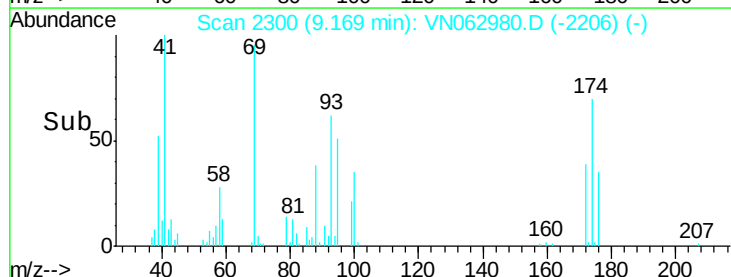
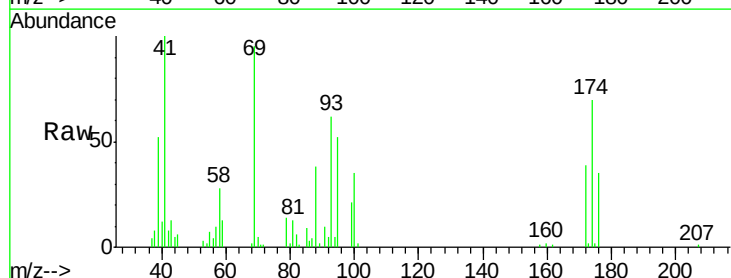
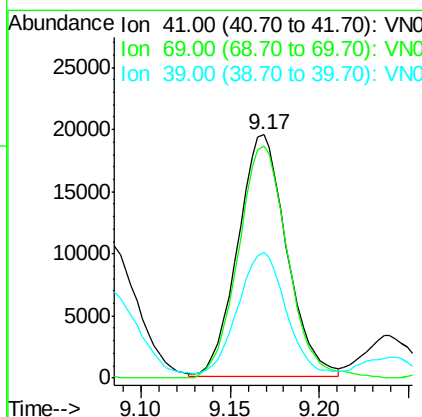
RT: 9.17 min Scan# 2300

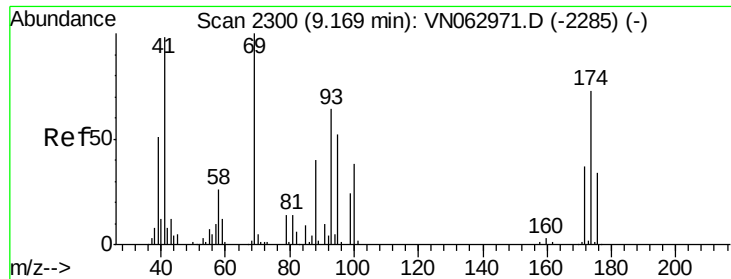
Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 37321 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 97.2  | 81.1  | 121.7 |
| 39       | 53.0  | 42.4  | 63.6  |





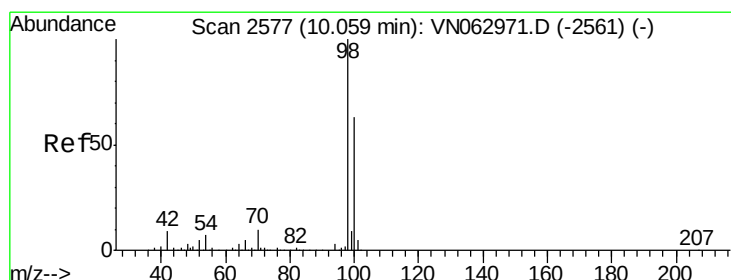
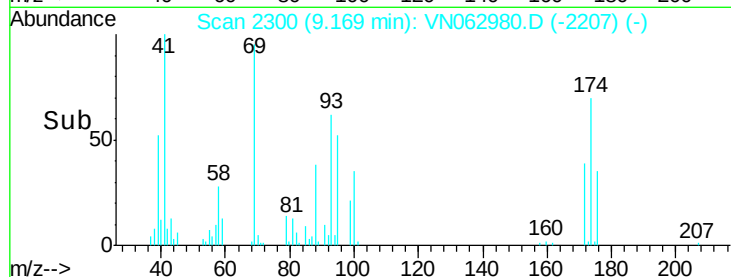
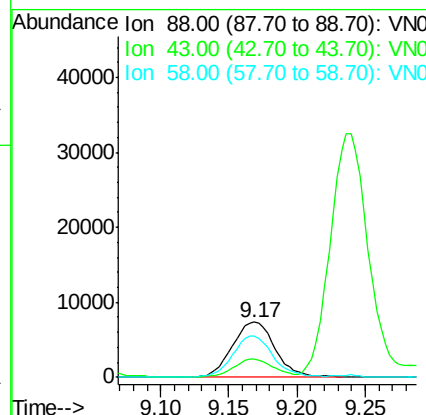
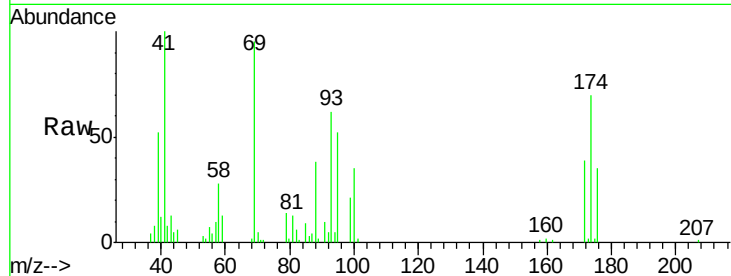
#49  
1,4-Dioxane  
Concen: 364.002 ug/l  
RT: 9.17 min Scan# 2300  
Delta R.T. -0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 88      | 100   | 16096 |       |       |
| 43      | 31.4  | 23.1  | 34.7  |       |
| 58      | 71.1  | 53.1  | 79.7  |       |

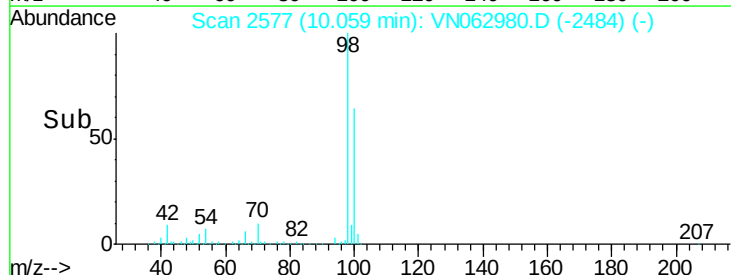
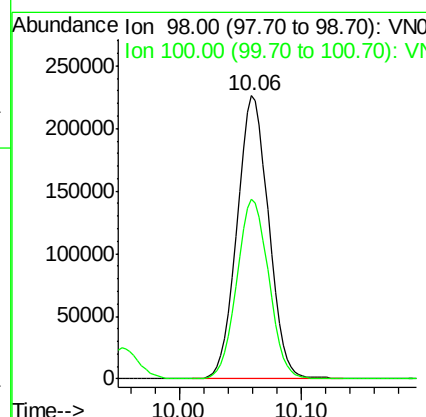
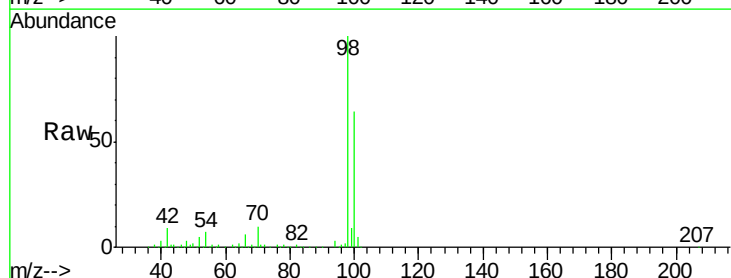
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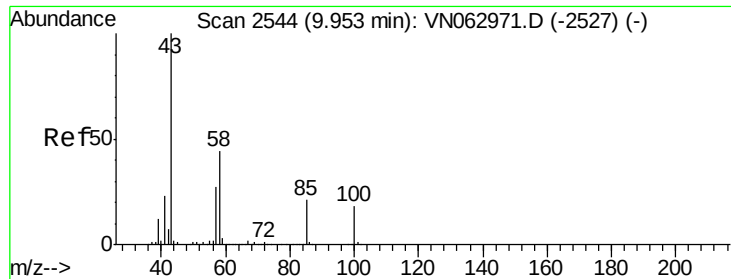
MMDadoda  
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#50  
Toluene-d8  
Concen: 46.896 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. -0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 98      | 100   | 406947 |       |       |
| 100     | 63.9  | 51.0   | 76.4  |       |





#51

4-Methyl-2-Pentanone

Concen: 89.789 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0817WBSD01

Tot Ion: 43 Resp: 256776

Ion Ratio Lower Upper

43 100

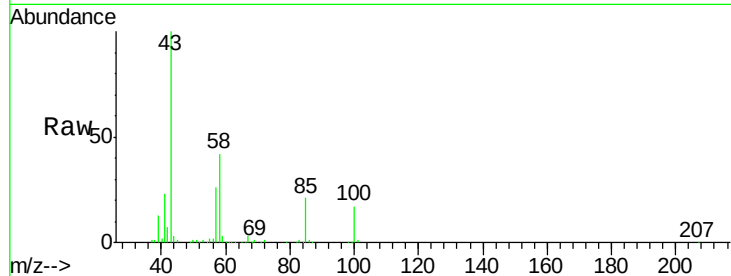
58 41.8 34.3 51.5

Manual Integrations

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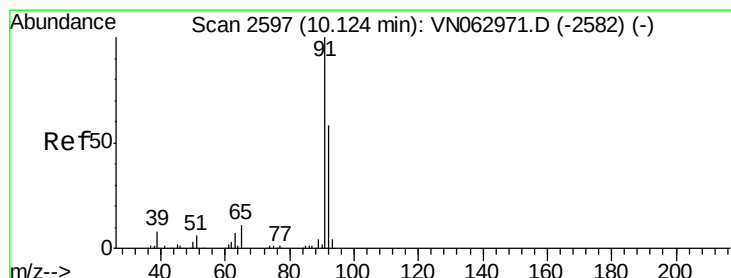
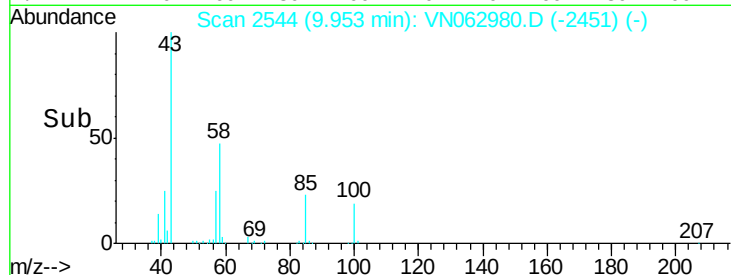
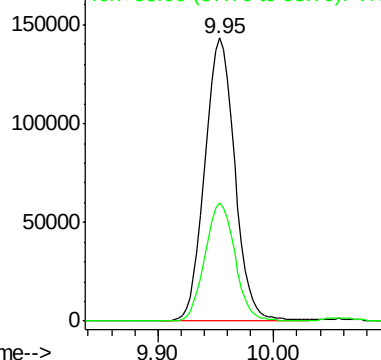
MMDadoda

8/18/2020 11:13:06 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.209 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062980.D

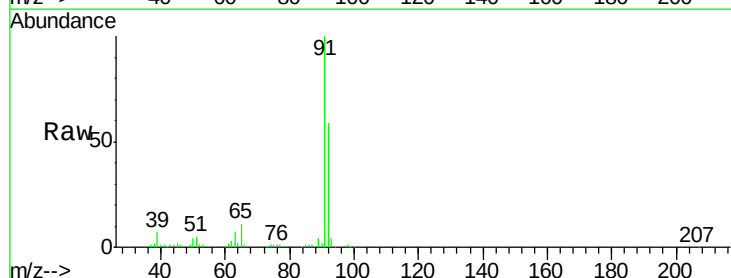
Acq: 17 Aug 2020 19:56

Tgt Ion: 92 Resp: 107154

Ion Ratio Lower Upper

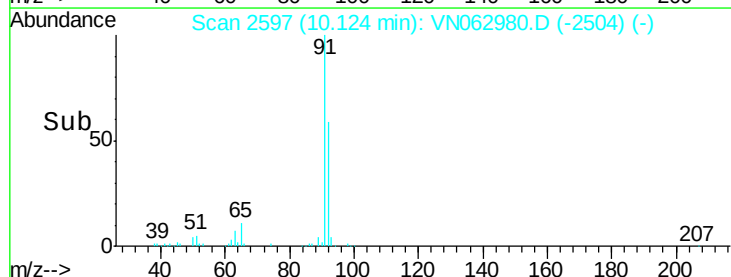
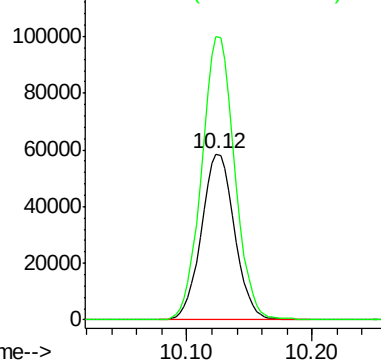
92 100

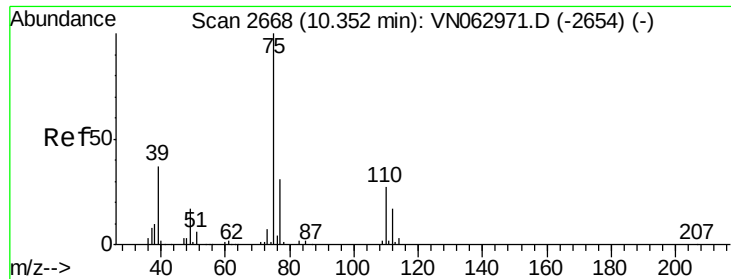
91 170.3 138.6 207.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





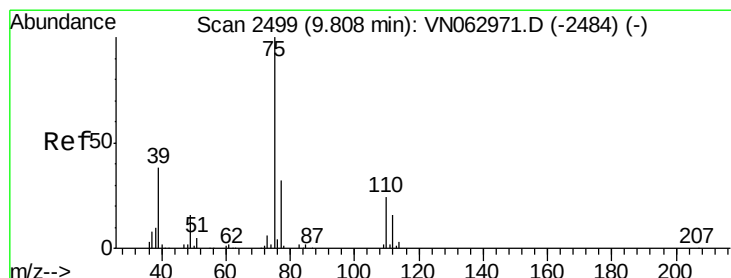
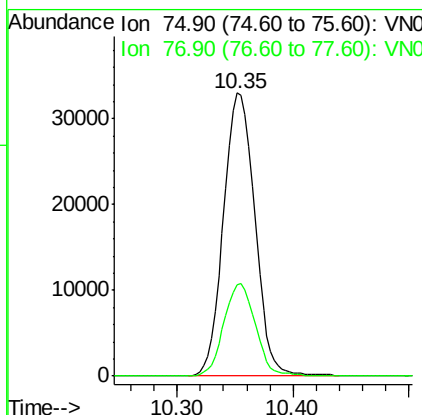
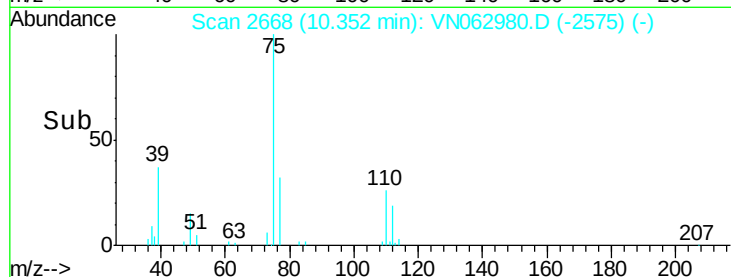
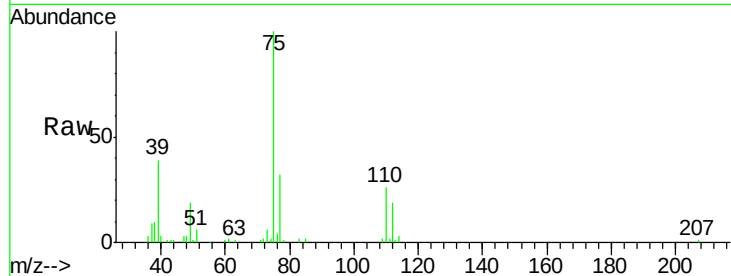
#53  
t-1,3-Dichloropropene  
Concen: 17.540 ug/l  
RT: 10.35 min Scan# 2668  
Delta R.T. -0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0817WBSD01

Tot Ion: 75 Resp: 62011  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.0 37.4

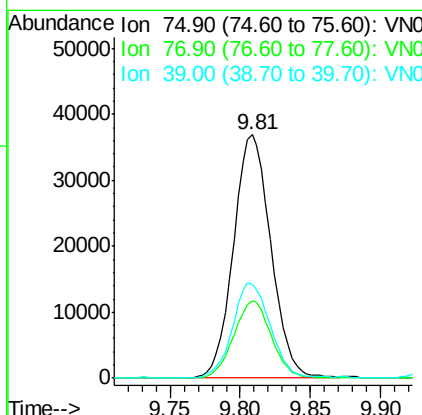
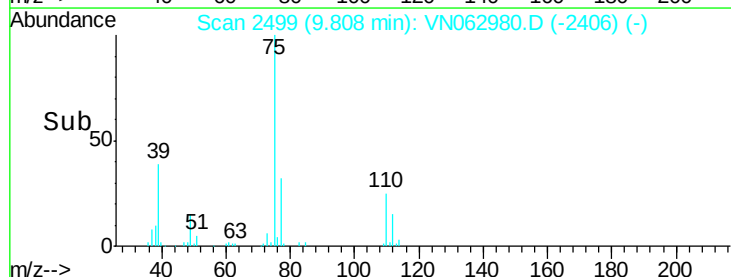
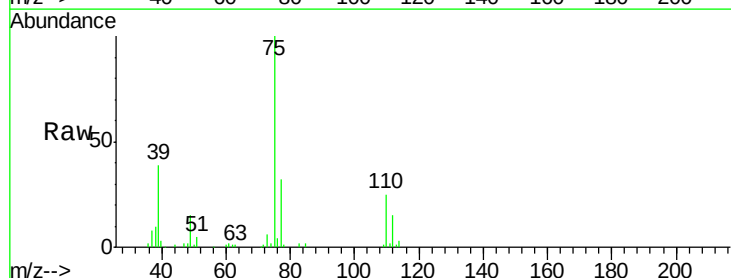
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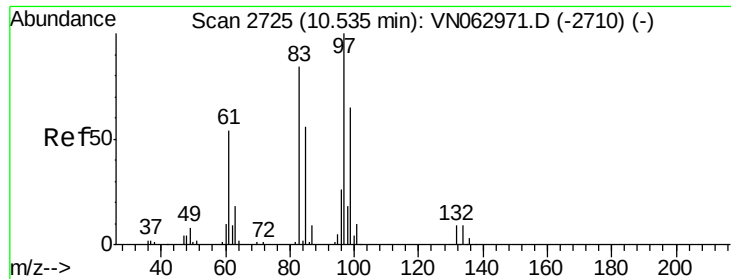


#54  
cis-1,3-Dichloropropene  
Concen: 18.000 ug/l  
RT: 9.81 min Scan# 2499  
Delta R.T. -0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

Tgt Ion: 75 Resp: 68690  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.4 38.2  
39 38.7 30.6 46.0







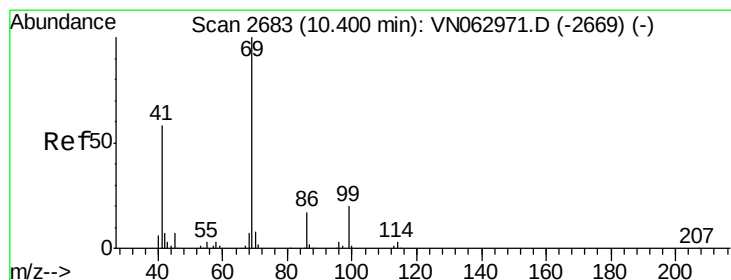
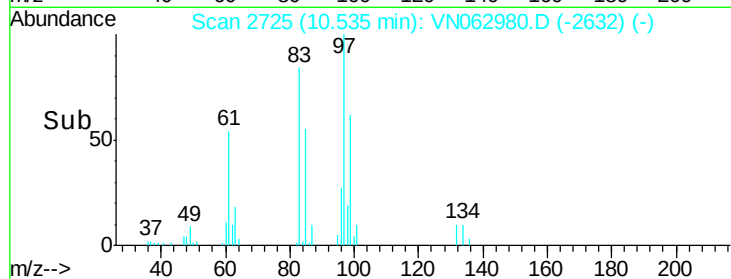
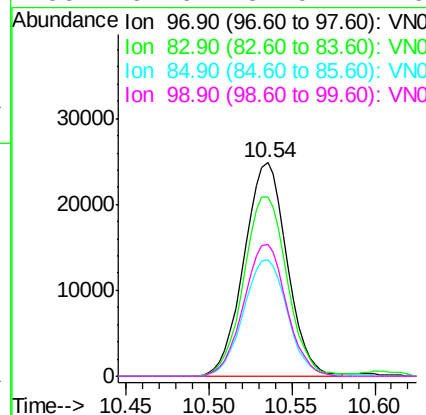
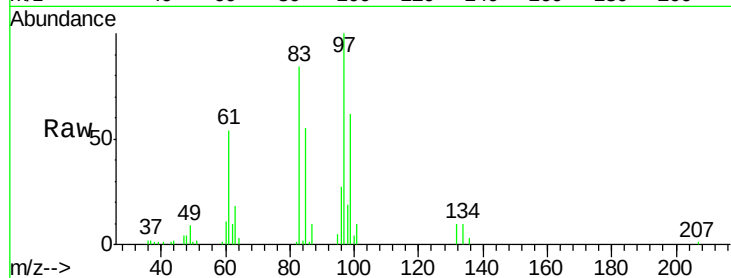
#55  
 1,1,2-Trichloroethane  
 Concen: 18.002 ug/l  
 RT: 10.54 min Scan# 2725  
 Delta R.T. -0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 44903 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.9  | 67.0  | 100.4 |
| 85       | 54.6  | 44.4  | 66.6  |
| 99       | 61.6  | 51.9  | 77.9  |

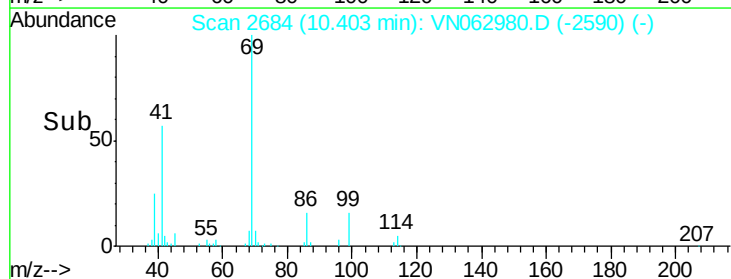
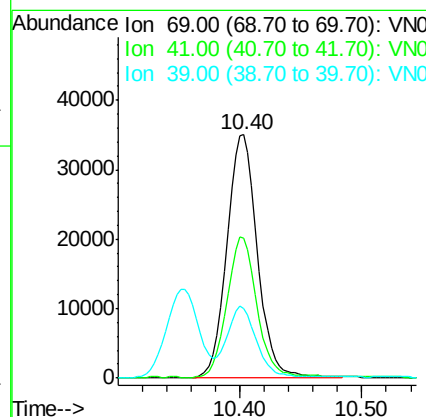
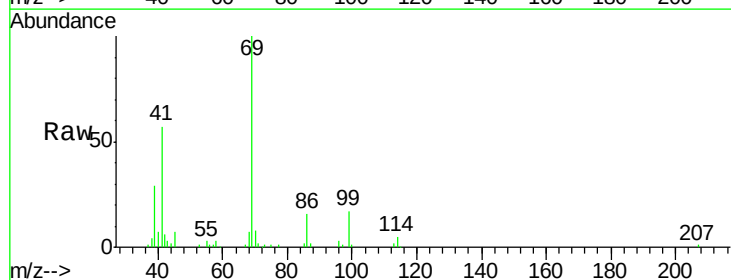
Manual Integrations  
 APPROVED

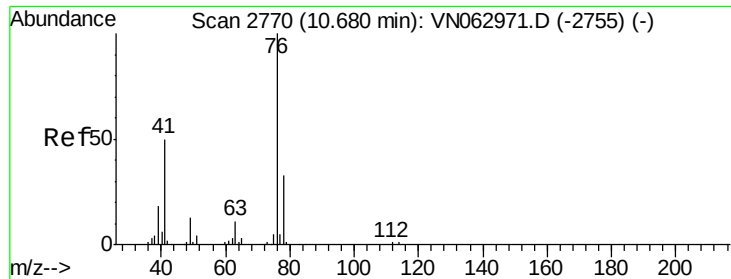
MMDadoda  
 8/18/2020 11:13:06 AM



#56  
 Ethyl methacrylate  
 Concen: 18.479 ug/l  
 RT: 10.40 min Scan# 2684  
 Delta R.T. 0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 61577 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 57.0  | 46.0  | 69.0  |
| 39       | 28.5  | 23.4  | 35.0  |





#57

1,3-Dichloropropane

Concen: 18.487 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0817WBSD01

Tot Ion: 76 Resp: 72691

Ion Ratio Lower Upper

76 100

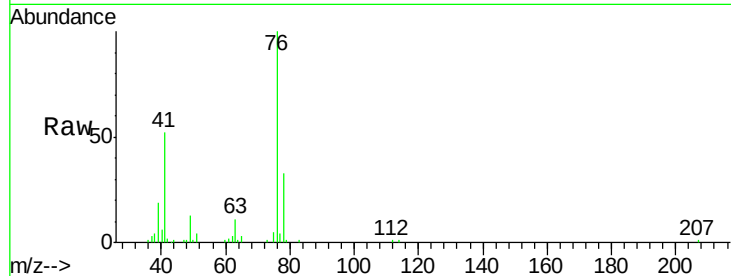
78 32.4 26.2 39.4

Manual Integrations

APPROVED

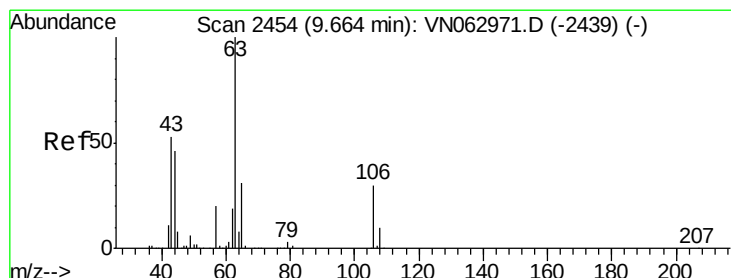
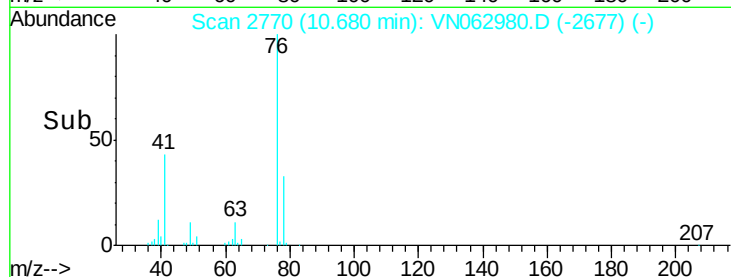
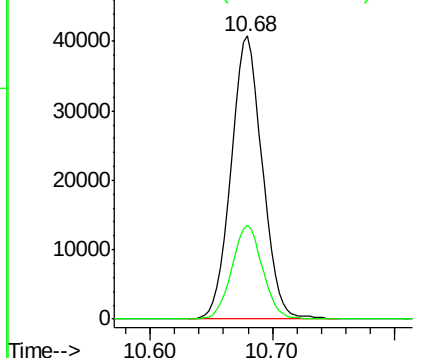
MMDadoda

8/18/2020 11:13:06 AM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 103.102 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062980.D

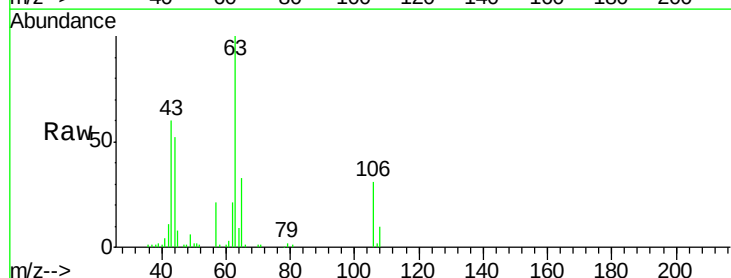
Acq: 17 Aug 2020 19:56

Tgt Ion: 63 Resp: 67481

Ion Ratio Lower Upper

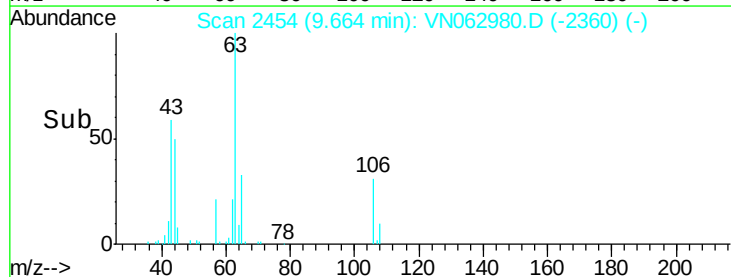
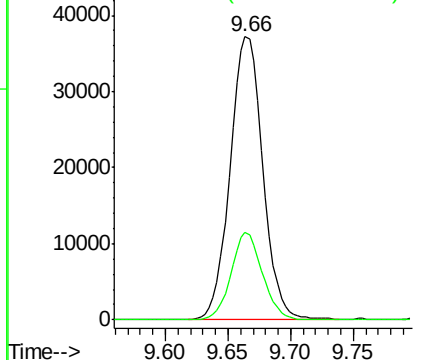
63 100

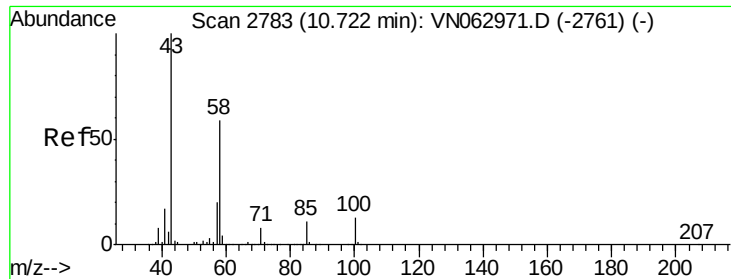
106 29.3 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





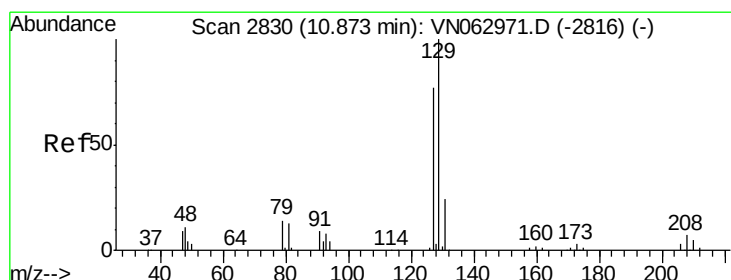
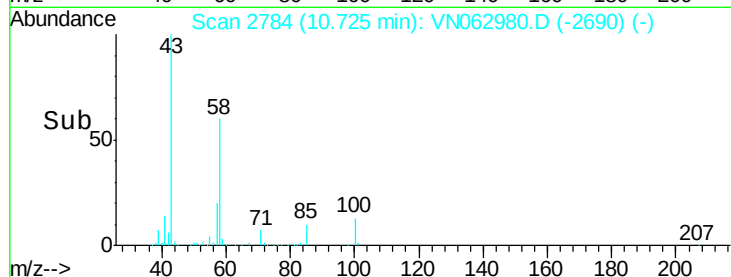
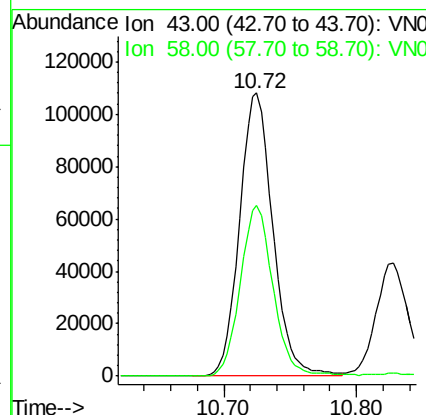
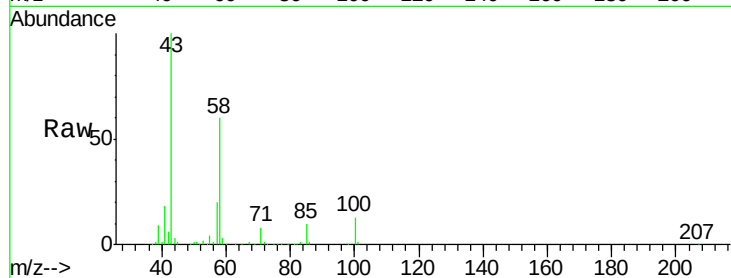
#59  
2-Hexanone  
Concen: 103.988 ug/l  
RT: 10.72 min Scan# 2784  
Delta R.T. 0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

| Tot Ion   | 43 | Resp | 189254 |
|-----------|----|------|--------|
| Ion Ratio | 43 | 100  |        |
| Lower     | 58 | 59.3 | 29.5   |
| Upper     |    |      | 88.5   |

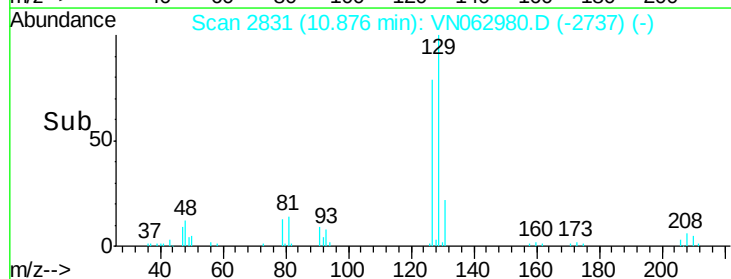
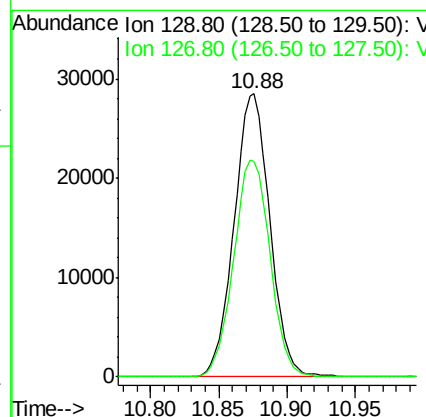
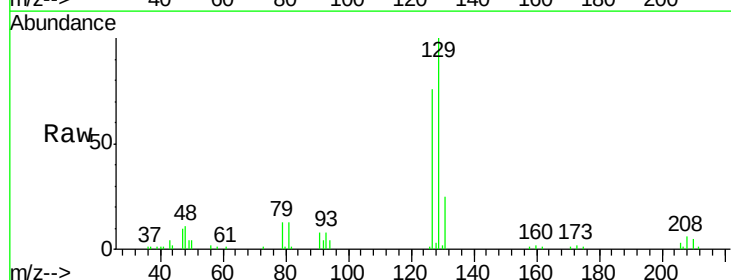
Manual Integrations  
APPROVED

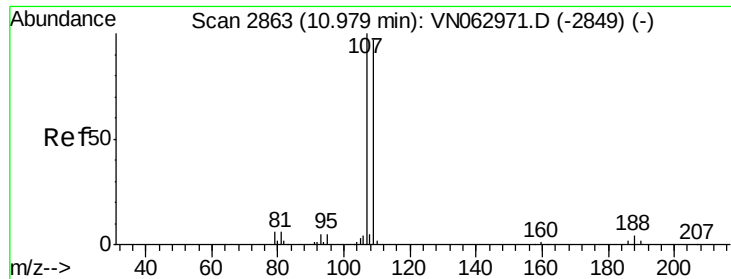
MMDadoda  
8/18/2020 11:13:06 AM



#60  
Dibromochloromethane  
Concen: 18.696 ug/l  
RT: 10.88 min Scan# 2831  
Delta R.T. 0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

| Tgt Ion   | 129 | Resp | 51901 |
|-----------|-----|------|-------|
| Ion Ratio | 129 | 100  |       |
| Lower     | 127 | 77.7 | 38.4  |
| Upper     |     |      | 115.2 |





#61

1,2-Dibromoethane

Concen: 18.109 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0817WBSD01

Tot Ion: 107 Resp: 46110

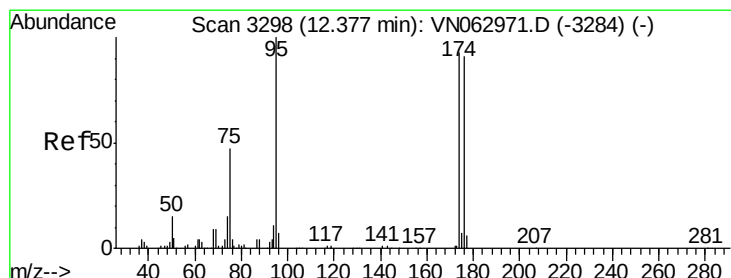
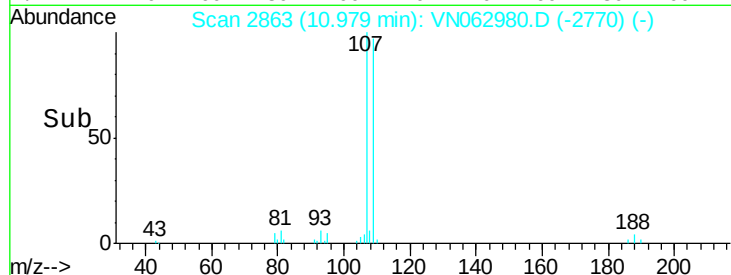
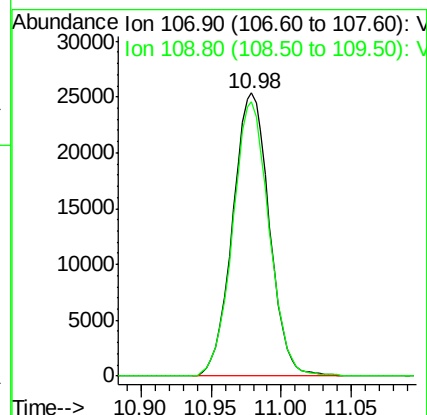
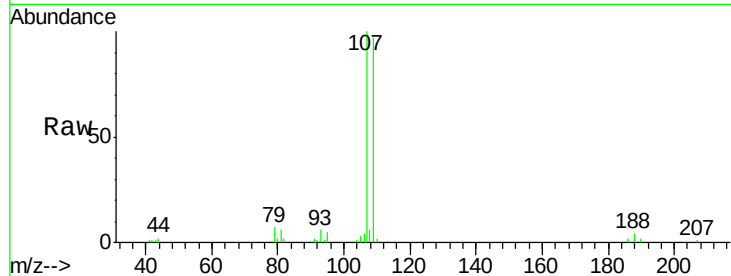
Ion Ratio Lower Upper

107 100

109 96.2 76.6 115.0

Manual Integrations  
APPROVED

MMDadoda  
8/18/2020 11:13:06 AM



#62

4-Bromofluorobenzene

Concen: 46.254 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

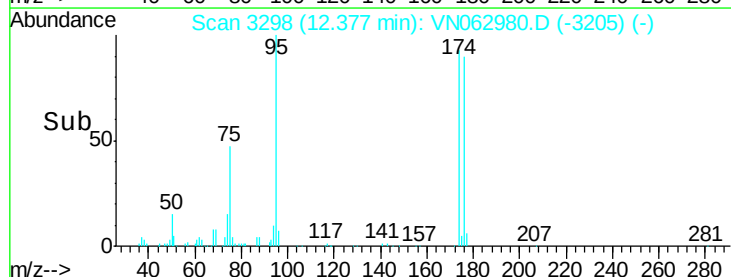
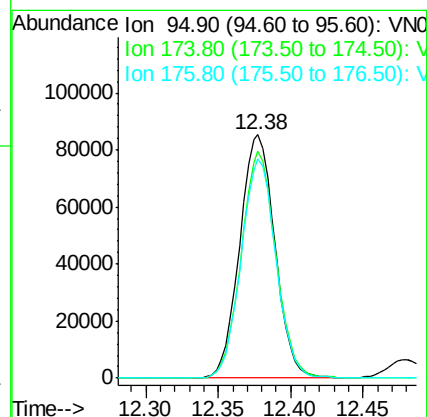
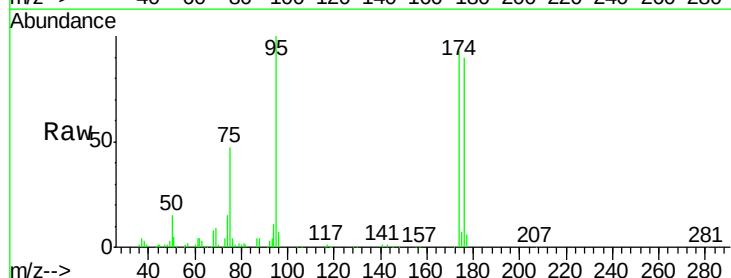
Tgt Ion: 95 Resp: 144227

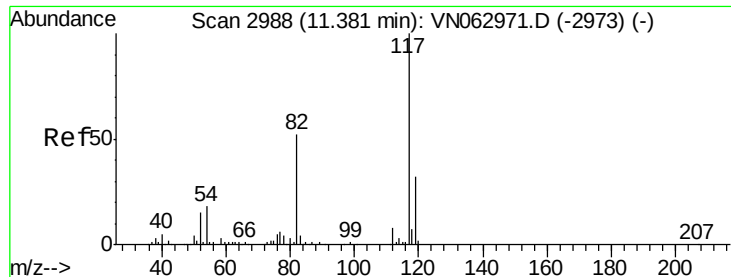
Ion Ratio Lower Upper

95 100

174 91.8 0.0 185.2

176 88.8 0.0 178.8





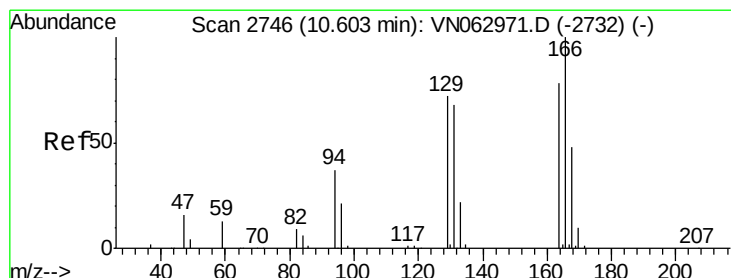
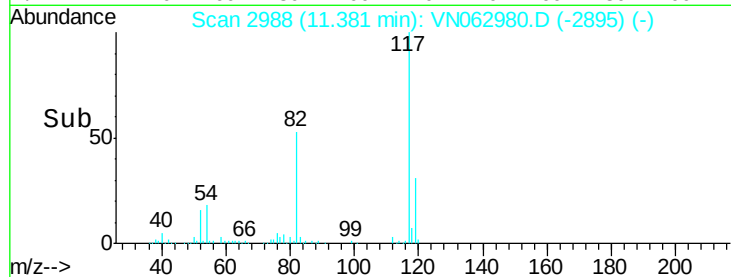
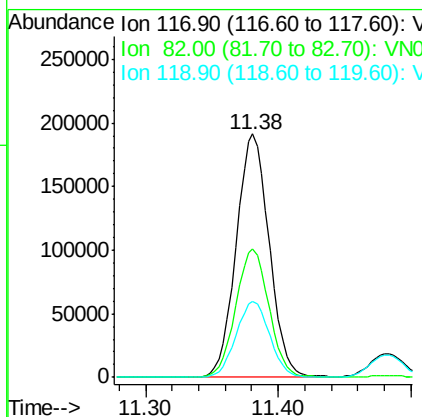
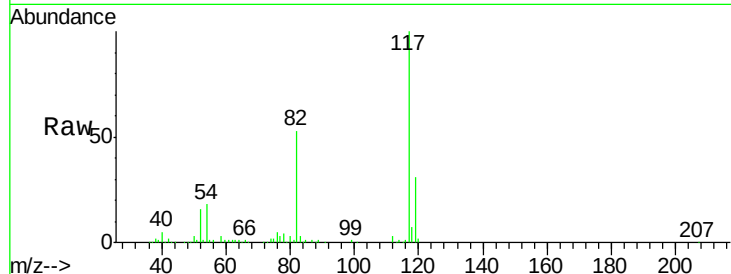
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 330775 |       |       |
| 82      | 52.6  |        | 41.3  | 61.9  |
| 119     | 31.3  |        | 25.8  | 38.8  |

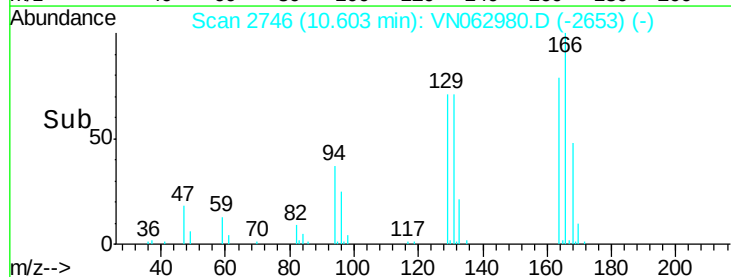
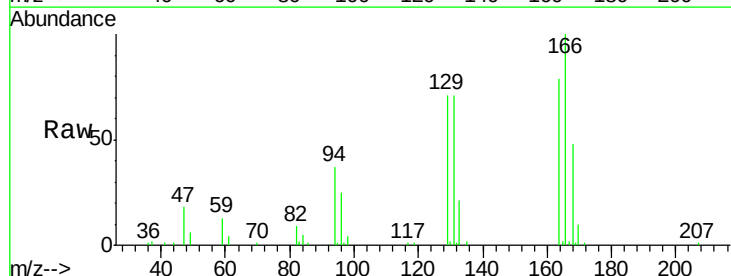
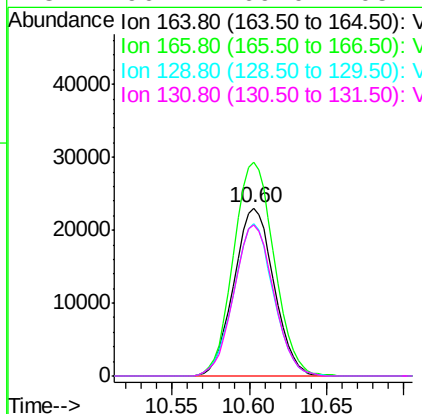
Manual Integrations  
APPROVED

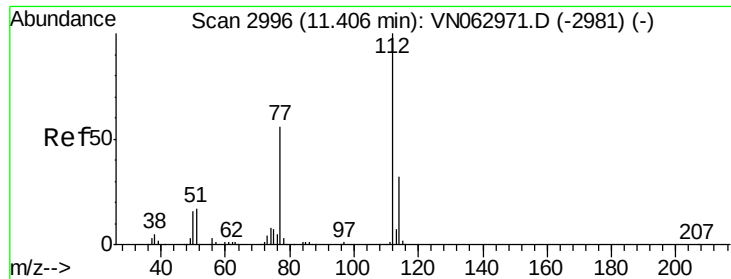
MMDadoda  
8/18/2020 11:13:06 AM



#64  
Tetrachloroethene  
Concen: 18.290 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. -0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 41495 |       |       |
| 166     | 127.2 |       | 101.9 | 152.9 |
| 129     | 90.9  |       | 73.1  | 109.7 |
| 131     | 90.1  |       | 69.0  | 103.4 |





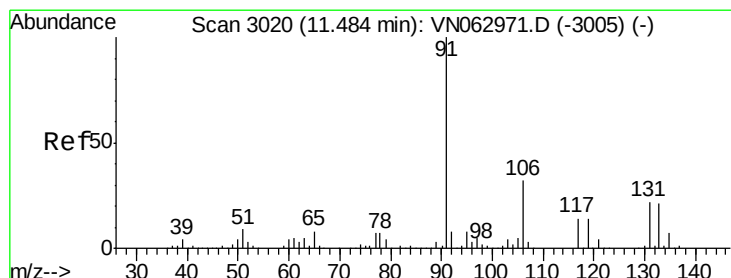
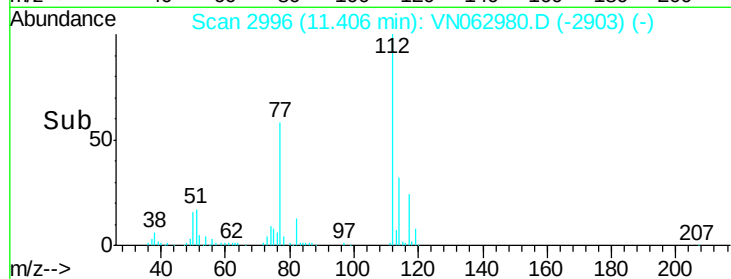
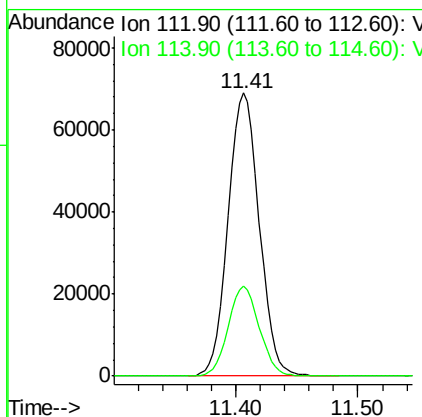
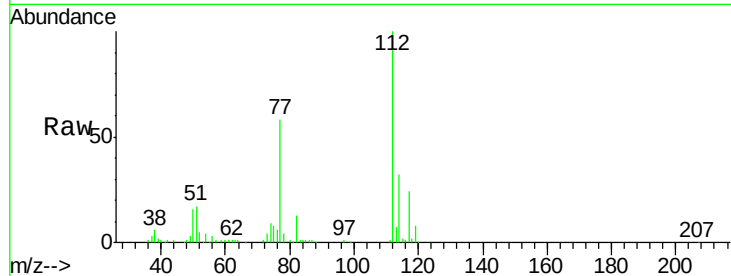
#65  
Chlorobenzene  
Concen: 18.166 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.7  | 25.4  | 38.2  |

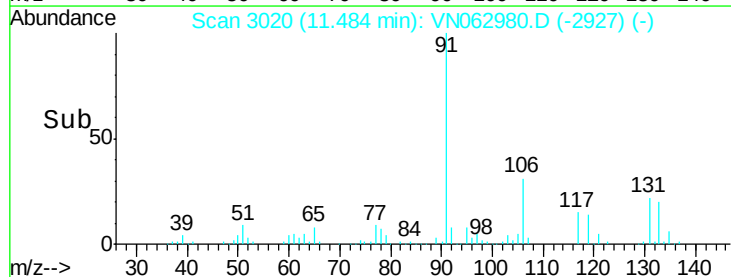
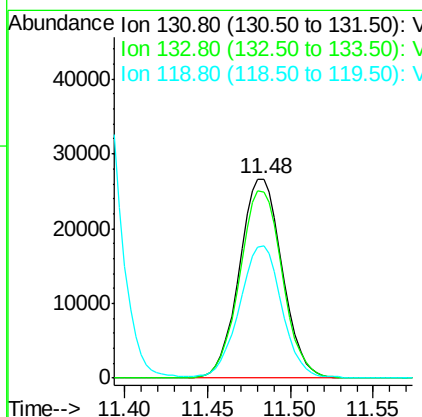
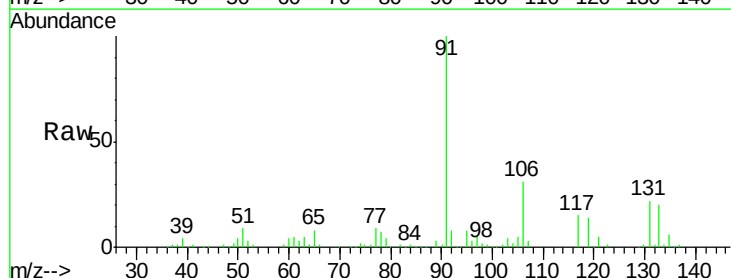
Manual Integrations  
APPROVED

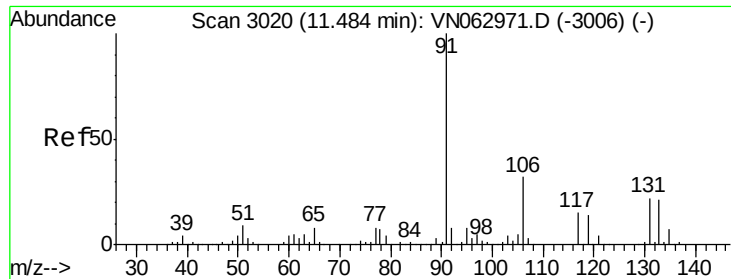
MMDadoda  
8/18/2020 11:13:06 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.236 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. -0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 93.8  | 47.8  | 143.4 |
| 119     | 66.0  | 32.4  | 97.0  |





#67

Ethyl Benzene

Concen: 17.885 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

ClientSampled :

VN0817WBSD01

Tot Ion: 91 Resp: 203992

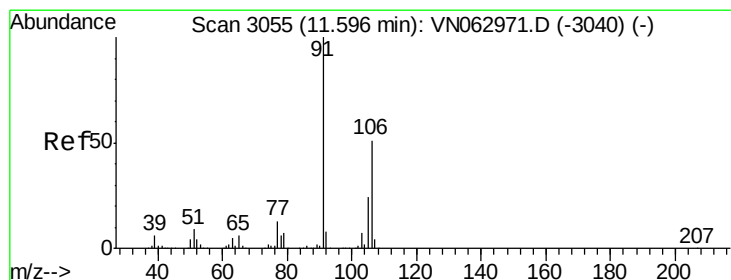
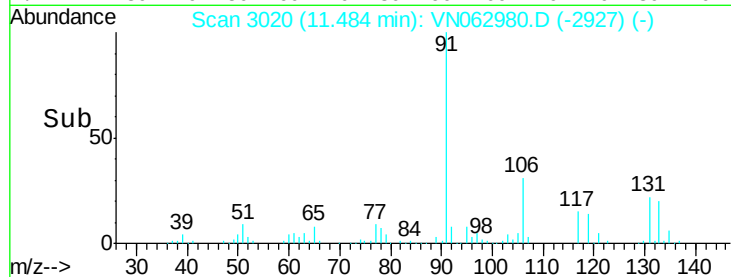
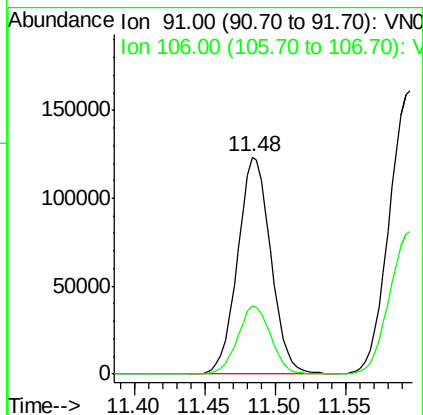
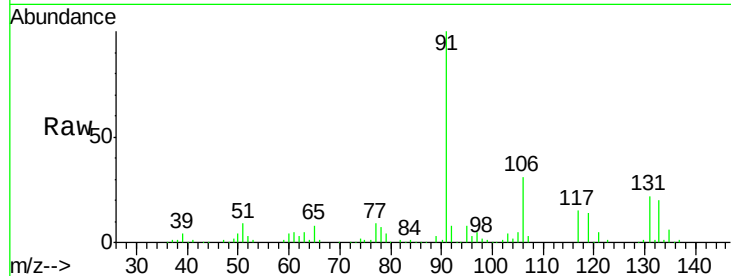
Ion Ratio Lower Upper

91 100

106 31.4 25.9 38.9

Manual Integrations  
APPROVED

MMDadoda  
8/18/2020 11:13:06 AM



#68

m/p-Xylenes

Concen: 36.634 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062980.D

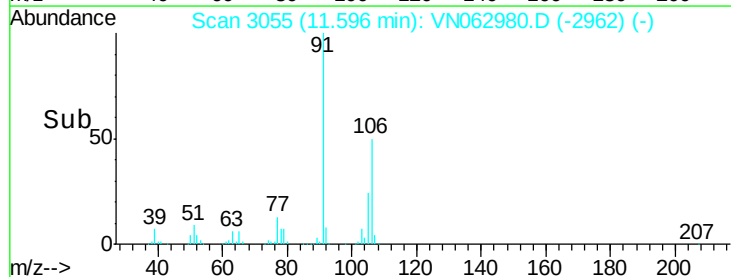
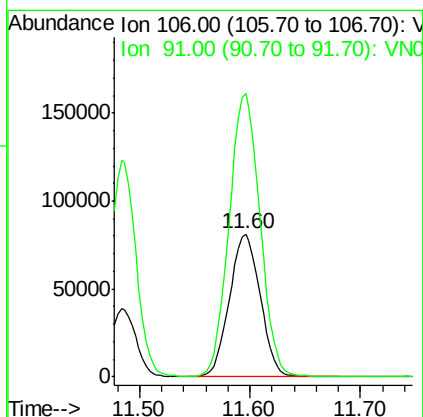
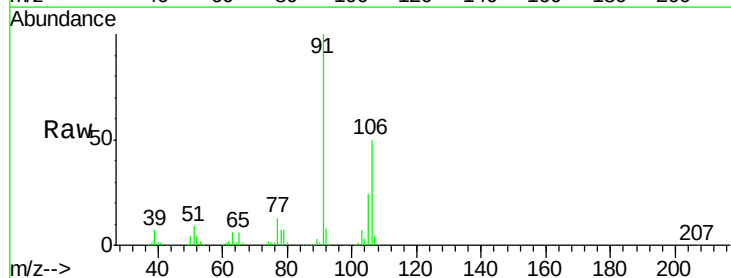
Acq: 17 Aug 2020 19:56

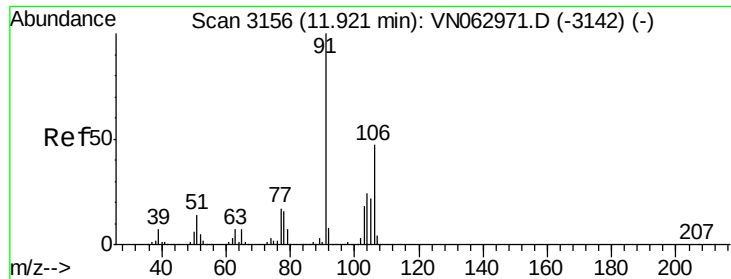
Tgt Ion: 106 Resp: 157785

Ion Ratio Lower Upper

106 100

91 197.0 158.7 238.1





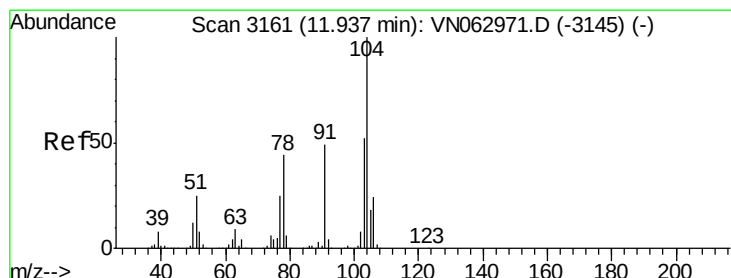
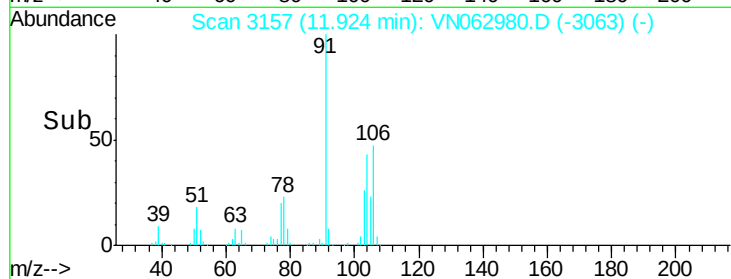
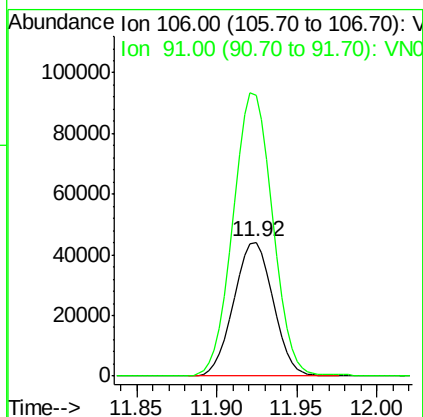
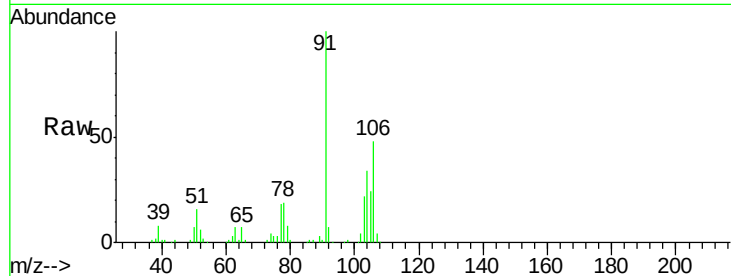
#69  
o-Xylene  
Concen: 18.115 ug/l  
RT: 11.92 min Scan# 3157  
Delta R.T. 0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |
| 91      | 213.3 | 106.3 | 318.8 |       |

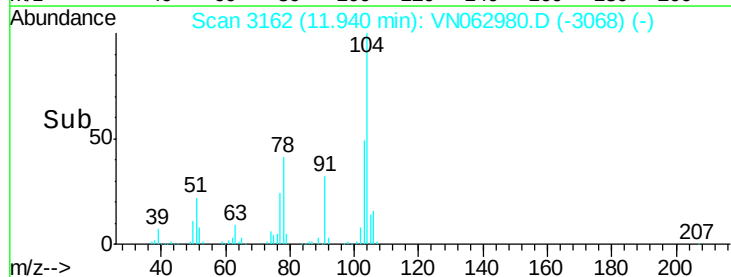
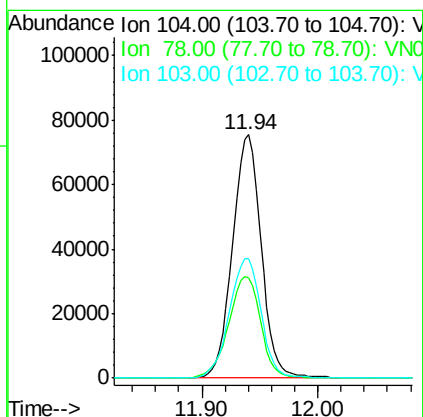
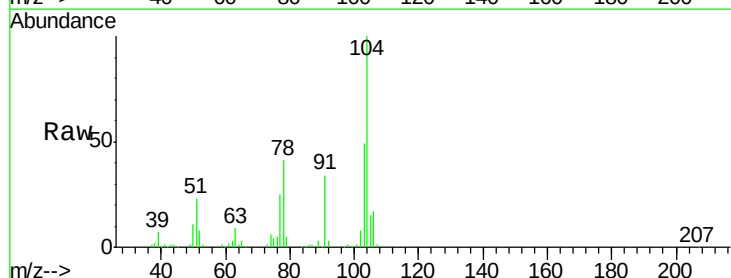
Manual Integrations  
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MMDadoda  
8/18/2020 11:13:06 AM

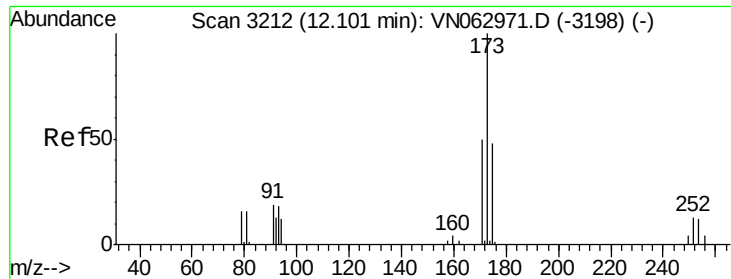


#70  
Styrene  
Concen: 18.249 ug/l  
RT: 11.94 min Scan# 3162  
Delta R.T. 0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 104     | 100  |       |       |       |
| 78      | 46.8 | 38.2  | 57.4  |       |
| 103     | 54.3 | 44.9  | 67.3  |       |







#71

Bromoform

Concen: 18.326 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0817WBSD01

Tot Ion:173 Resp: 40280

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.2

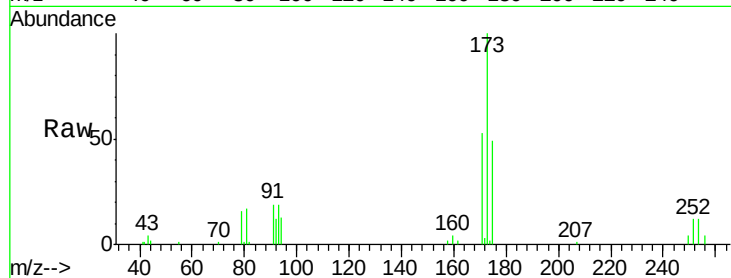
254 0.0 0.0 0.0

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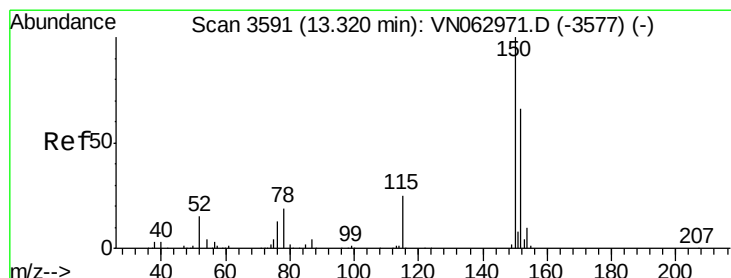
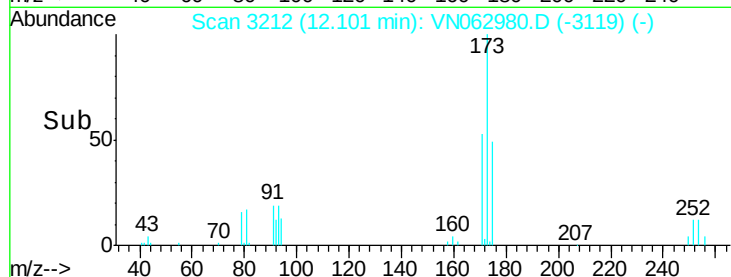
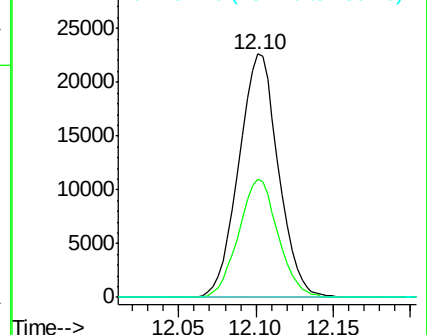
8/18/2020 11:13:06 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

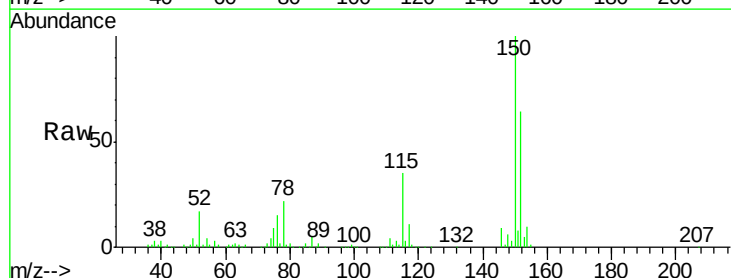
Tgt Ion:152 Resp: 160035

Ion Ratio Lower Upper

152 100

115 55.8 27.1 81.3

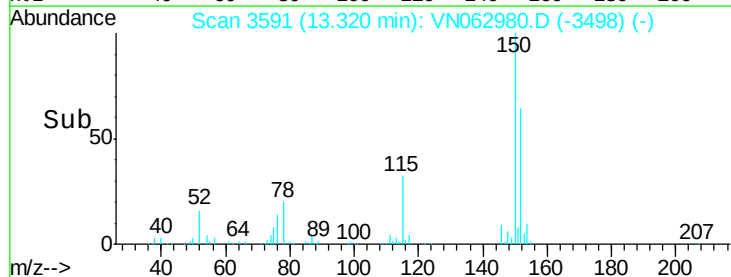
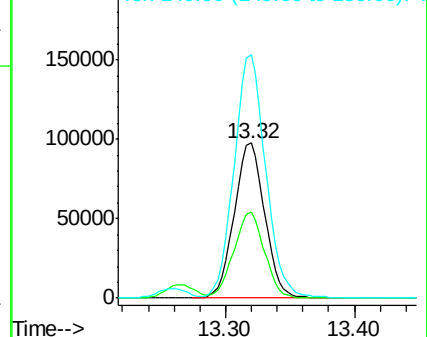
150 162.6 0.0 341.4

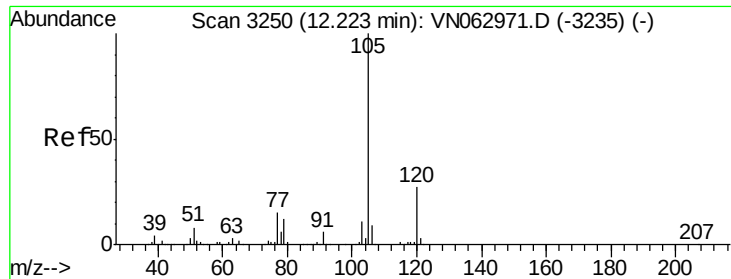


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.503 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0817WBSD01

Tot Ion:105 Resp: 204284

Ion Ratio Lower Upper

105 100

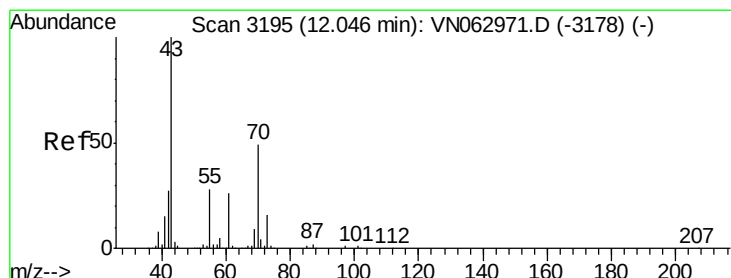
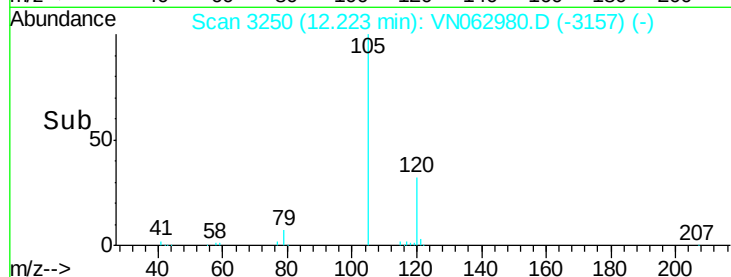
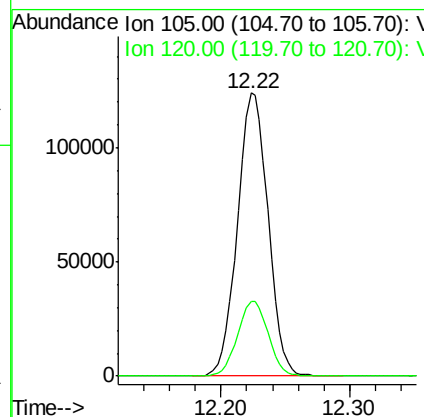
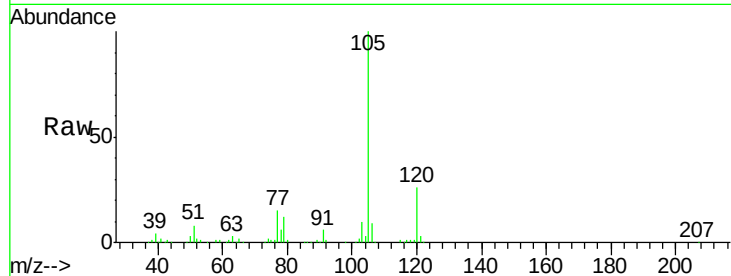
120 26.4 13.5 40.4

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#74

N-ethyl acetate

Concen: 17.378 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Tgt Ion: 43 Resp: 65866

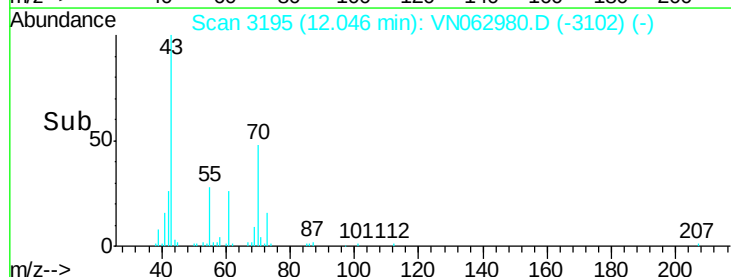
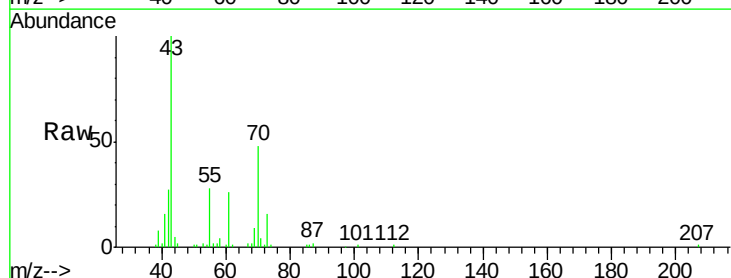
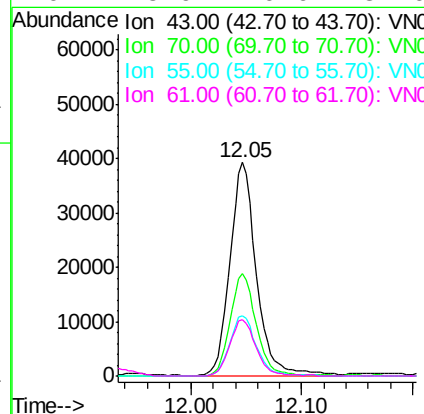
Ion Ratio Lower Upper

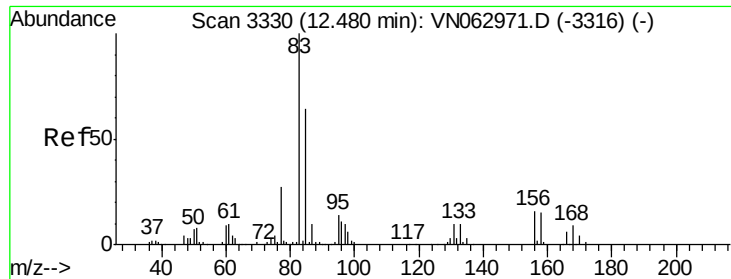
43 100

70 46.8 38.4 57.6

55 28.3 21.9 32.9

61 25.9 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.920 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

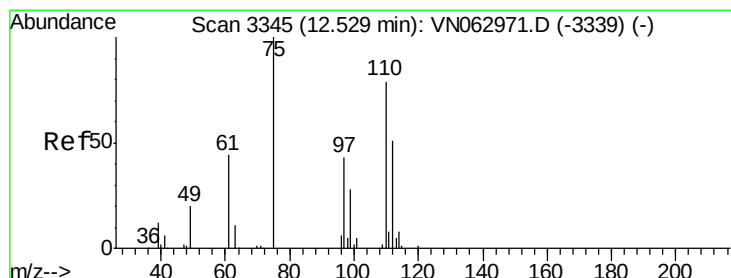
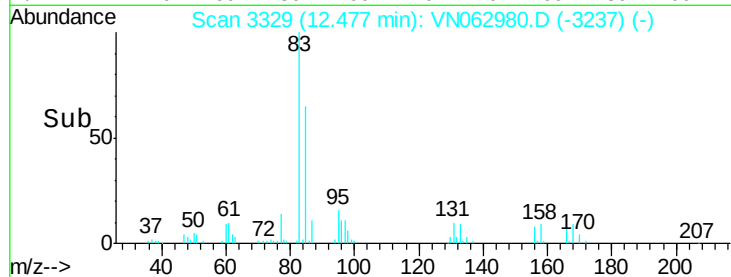
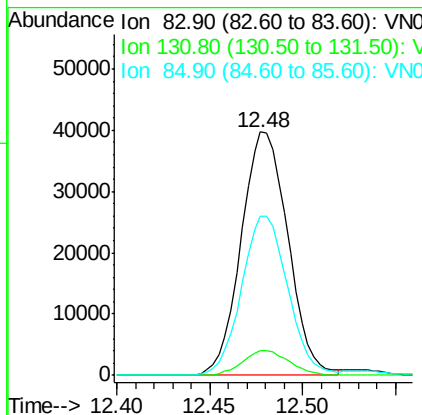
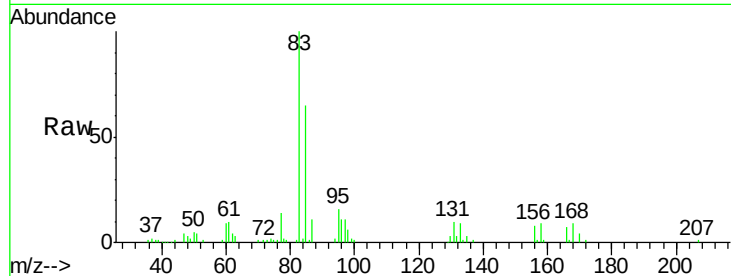
ClientSampled :

VN0817WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 69613 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.2  | 5.3   | 16.1  |
| 85        | 64.5  | 31.9  | 95.7  |

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#76

1,2,3-Trichloropropane

Concen: 20.071 ug/l m

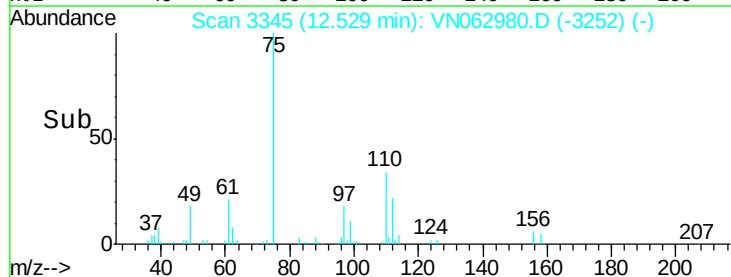
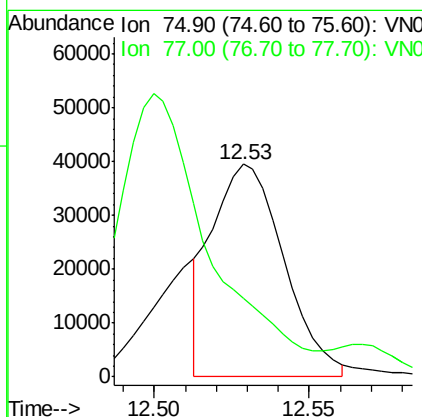
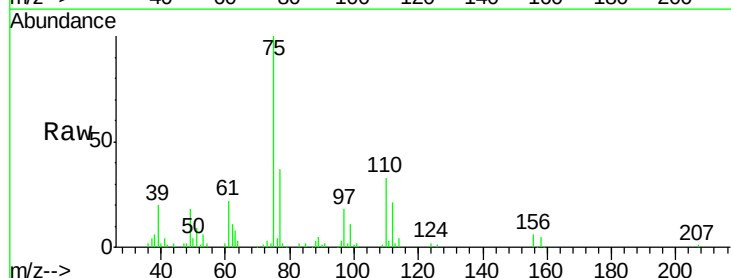
RT: 12.53 min Scan# 3345

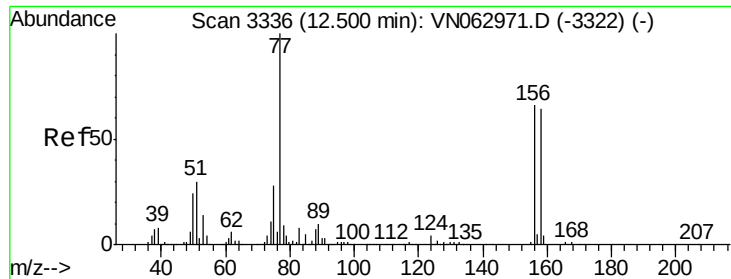
Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 63915 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 18.346 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

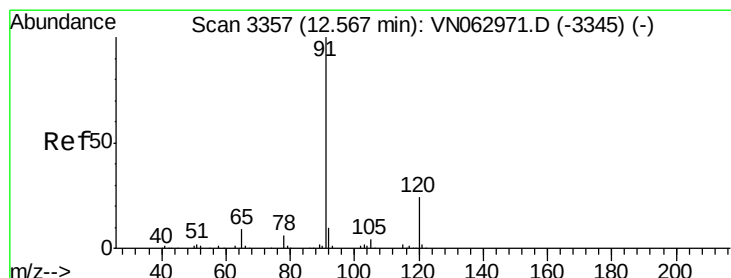
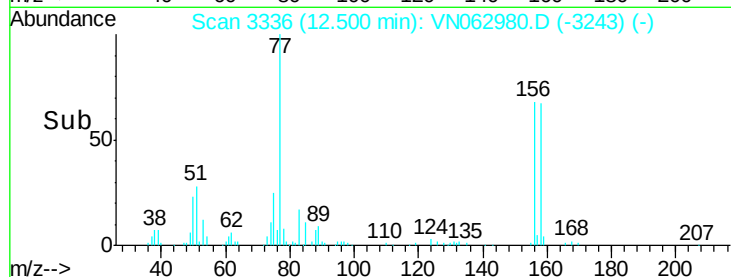
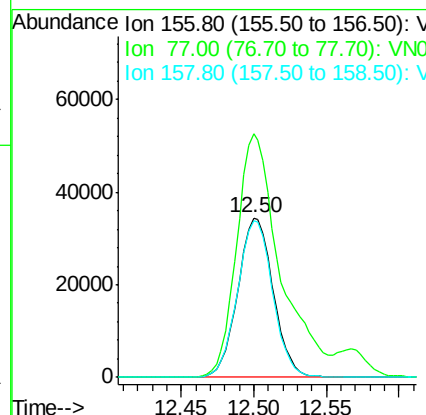
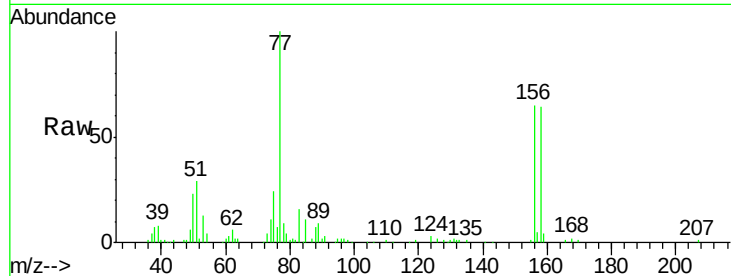
ClientSampleId :

VN0817WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 58397 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 187.5 | 92.4  | 277.2 |
| 158       | 97.9  | 48.6  | 145.8 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 19.279 ug/l

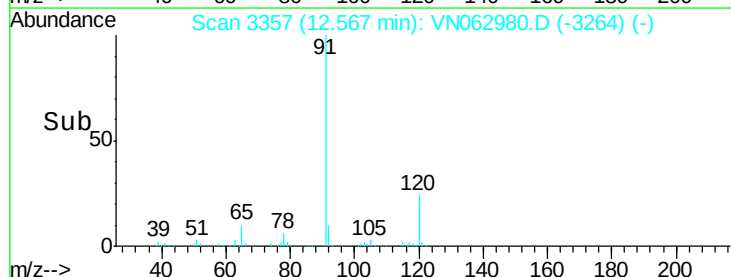
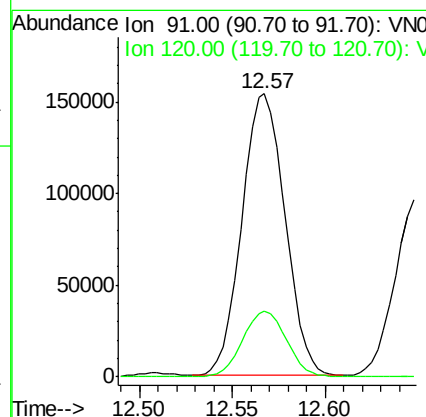
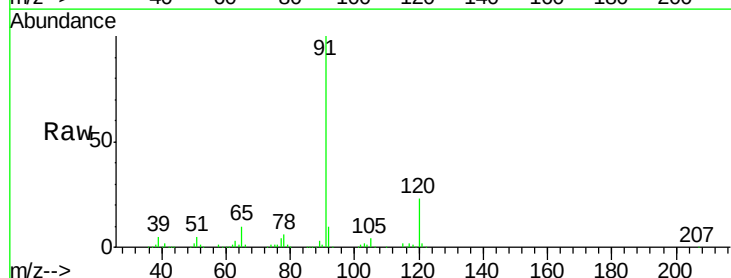
RT: 12.57 min Scan# 3357

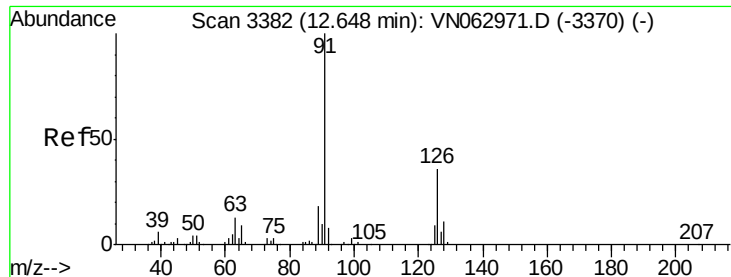
Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 248352 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.7  | 12.1  | 36.3   |





#79

2-Chlorotoluene

Concen: 21.132 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

ClientSampleId :

VN0817WBSD01

Tot Ion: 91 Resp: 163606

Ion Ratio Lower Upper

91 100

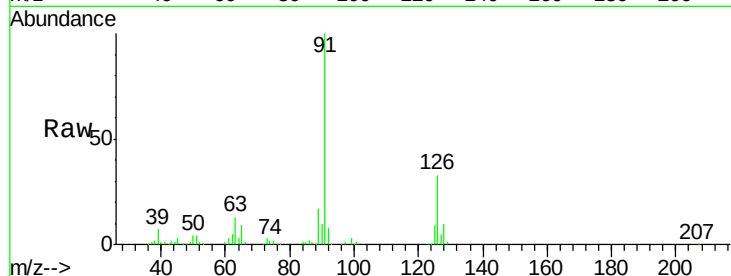
126 34.2 18.1 54.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN062971.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062971.D (-3370) (-)

150000

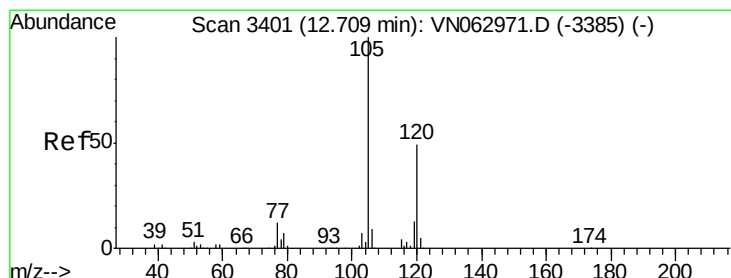
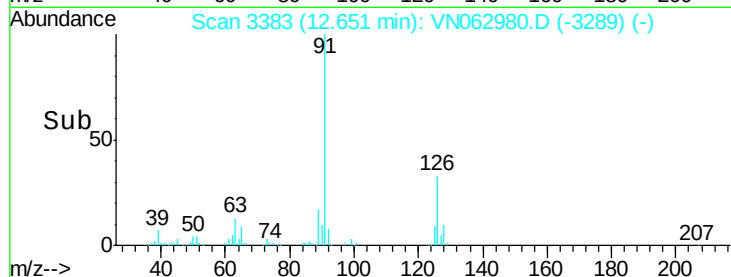
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.815 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062980.D

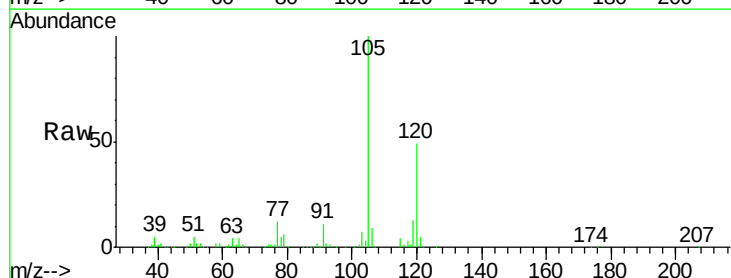
Acq: 17 Aug 2020 19:56

Tgt Ion: 105 Resp: 184070

Ion Ratio Lower Upper

105 100

120 49.6 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN062971.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN062971.D (-3385) (-)

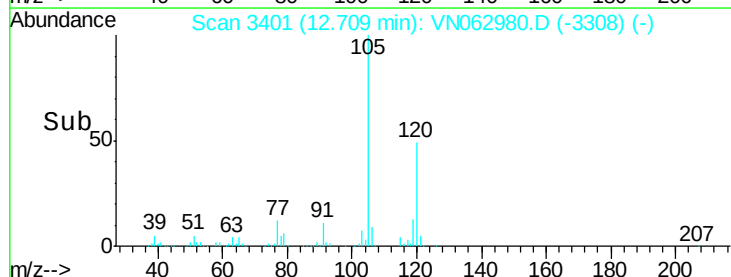
100000

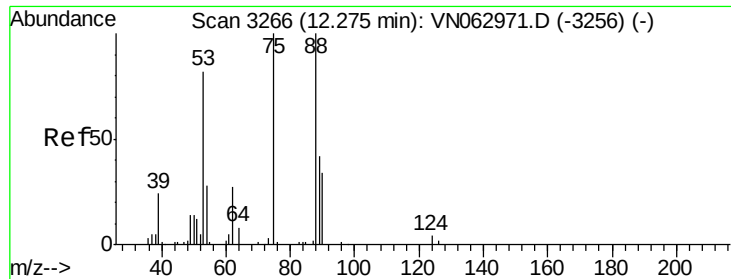
50000

0

12.70 12.71 12.72

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.610 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

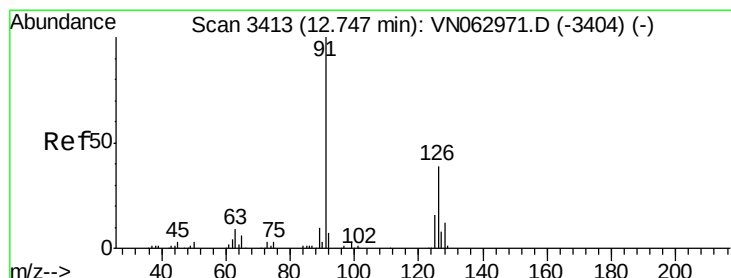
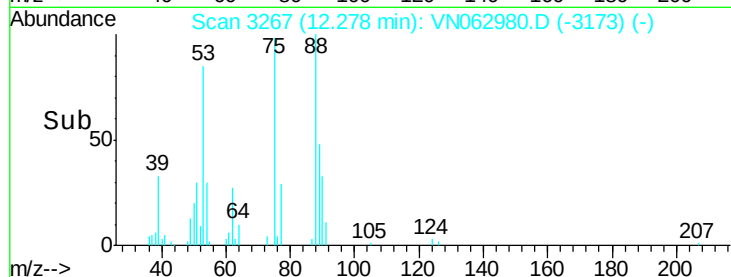
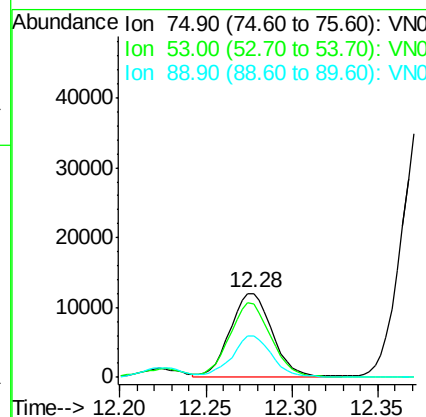
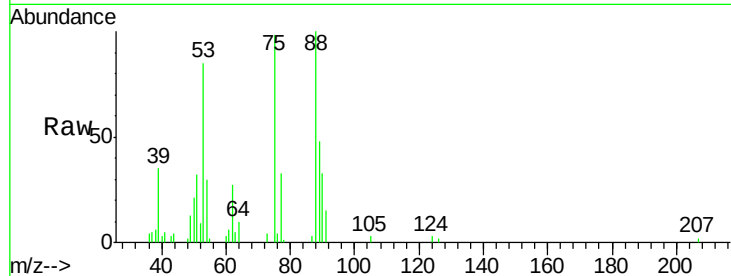
ClientSampleId :

VN0817WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 20785 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 86.5  | 66.2  | 99.2  |
| 89        | 46.2  | 35.0  | 52.4  |

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 17.908 ug/l

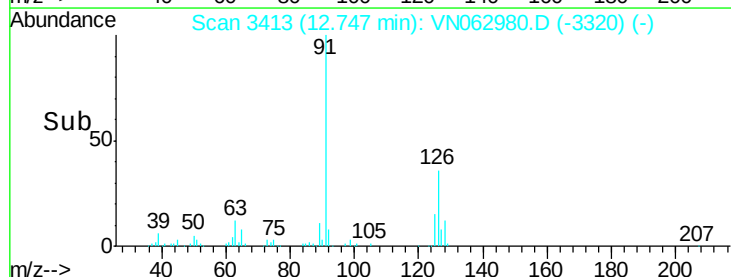
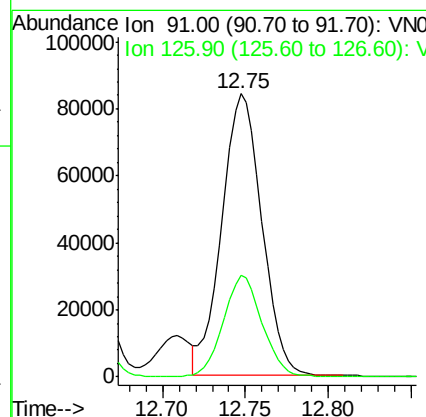
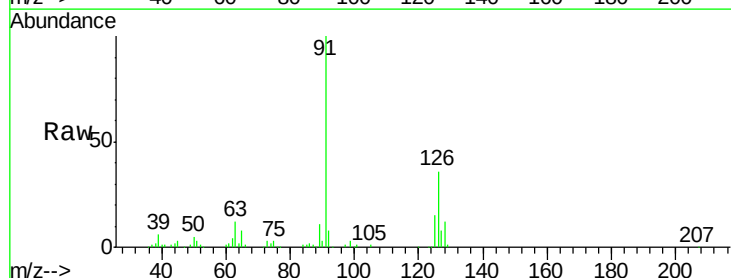
RT: 12.75 min Scan# 3413

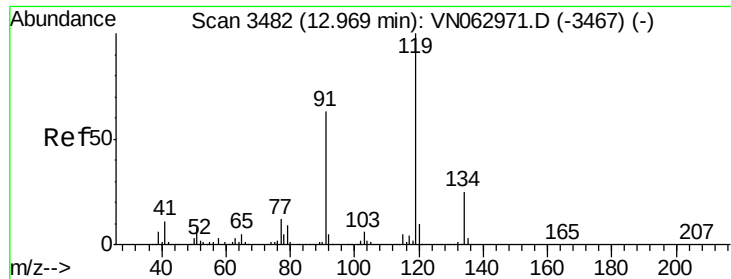
Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 141285 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 35.1  | 17.6  | 52.8   |





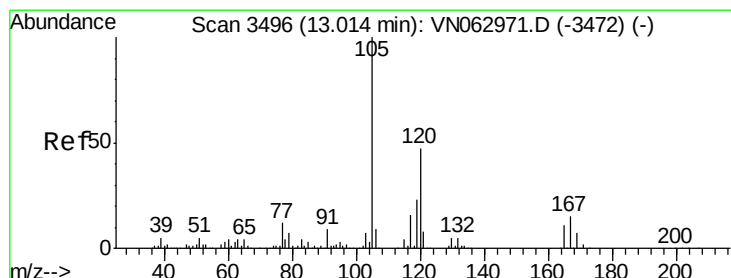
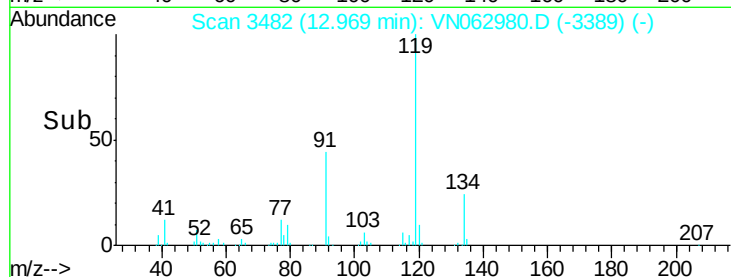
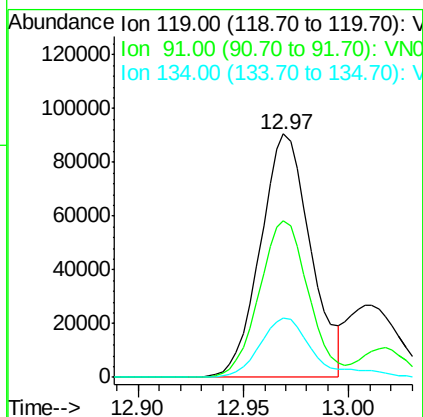
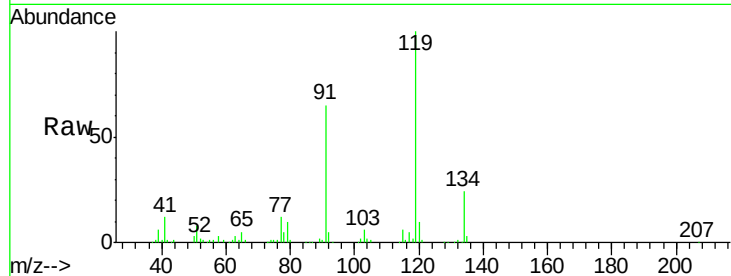
#83  
 tert-Butylbenzene  
 Concen: 18.784 ug/l  
 RT: 12.97 min Scan# 3482  
 Delta R.T. -0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 150471 |       |       |
| 91      | 63.0  |        | 31.0  | 93.0  |
| 134     | 26.1  |        | 13.3  | 39.8  |

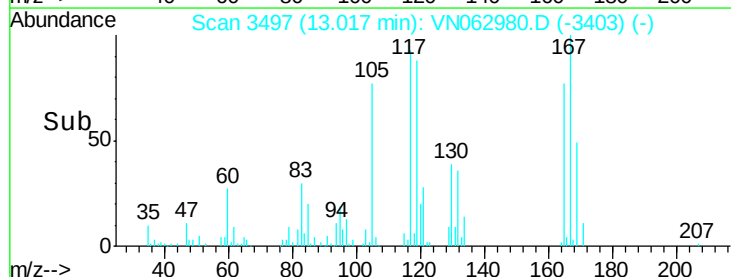
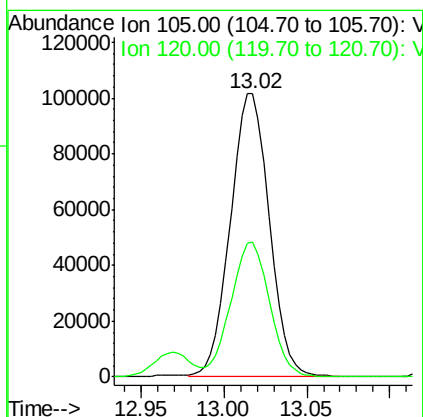
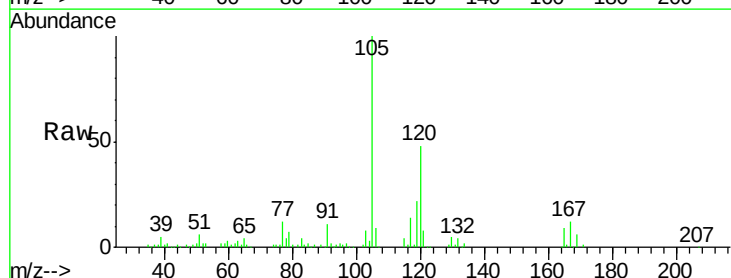
Manual Integrations  
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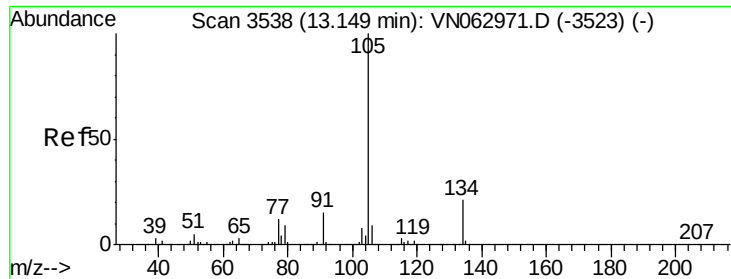
MMDadoda  
 8/18/2020 11:13:06 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 18.300 ug/l  
 RT: 13.02 min Scan# 3497  
 Delta R.T. 0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 164490 |       |       |
| 120     | 47.7  |        | 23.2  | 69.6  |





#85

sec-Butylbenzene

Concen: 18.539 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

ClientSampled :

VN0817WBSD01

Tot Ion:105 Resp: 195449

Ion Ratio Lower Upper

105 100

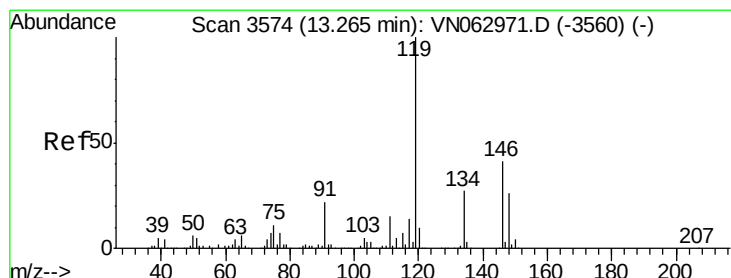
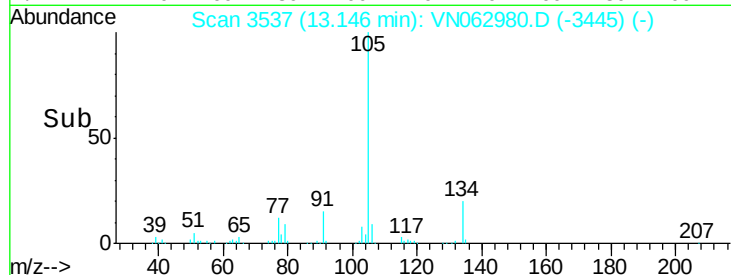
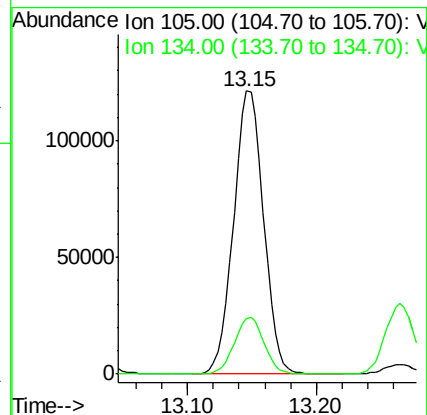
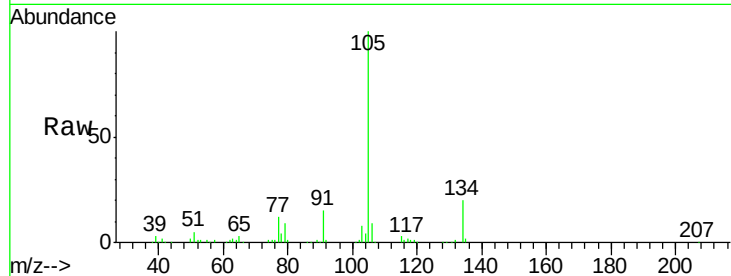
134 19.9 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 18.893 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

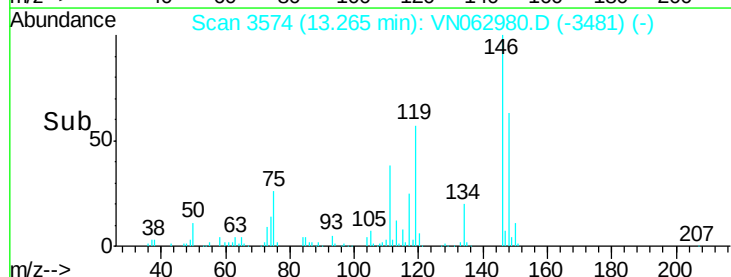
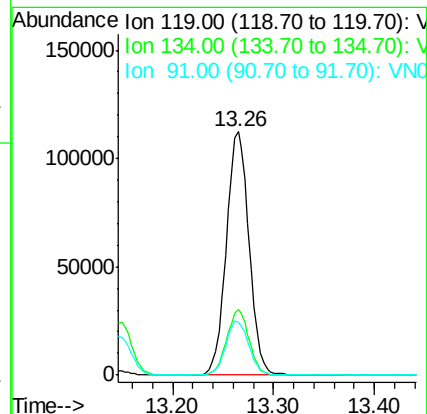
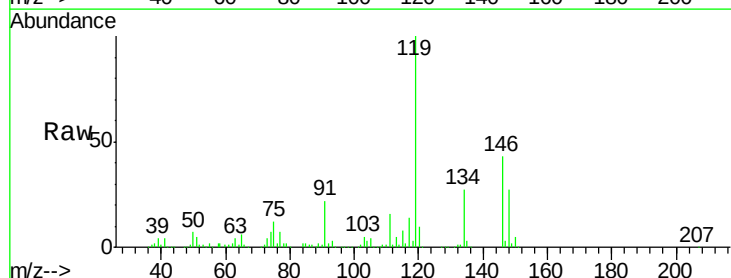
Tgt Ion:119 Resp: 177242

Ion Ratio Lower Upper

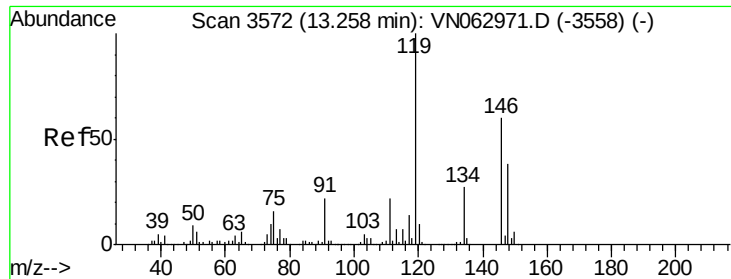
119 100

134 26.5 13.6 40.7

91 22.5 11.1 33.1







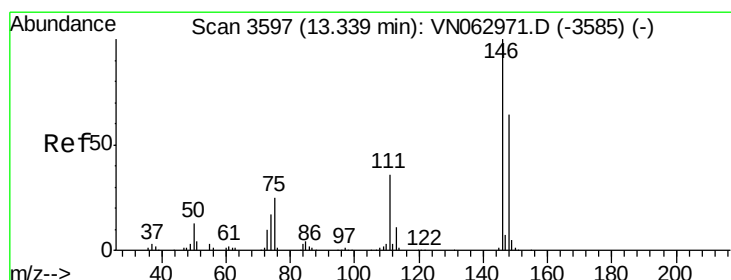
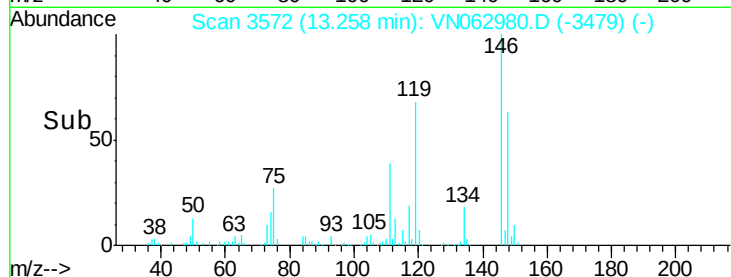
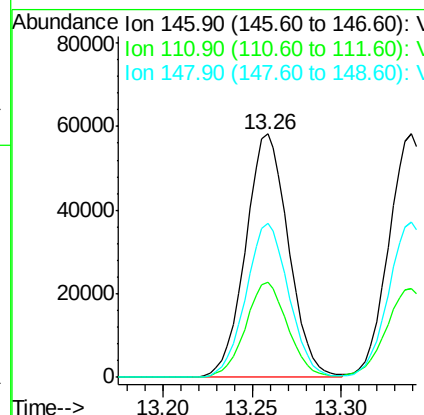
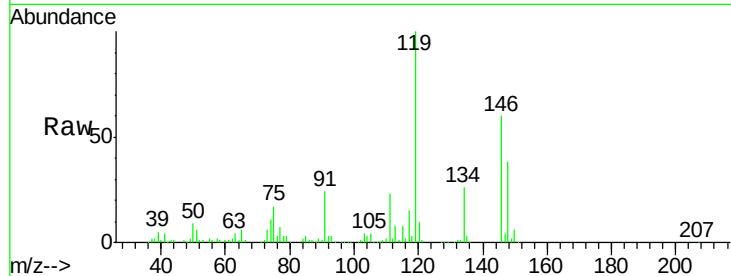
#87  
 1,3-Dichlorobenzene  
 Concen: 18.694 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. -0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 18.9  | 56.5  |
| 148     | 63.1  | 31.7  | 95.1  |

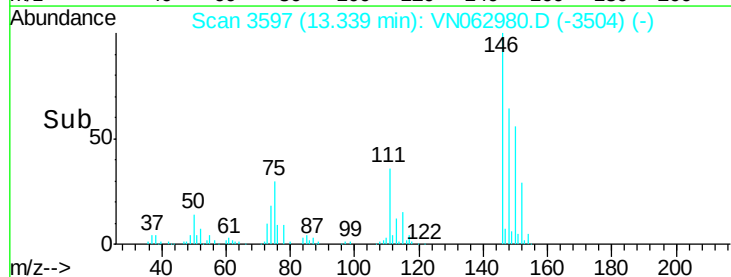
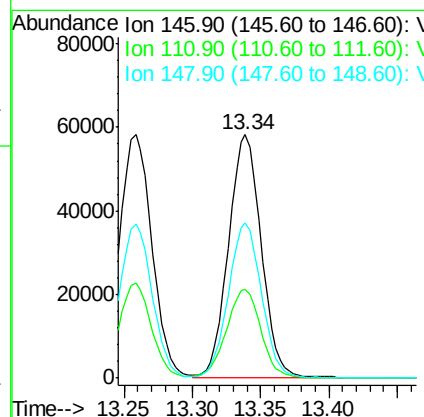
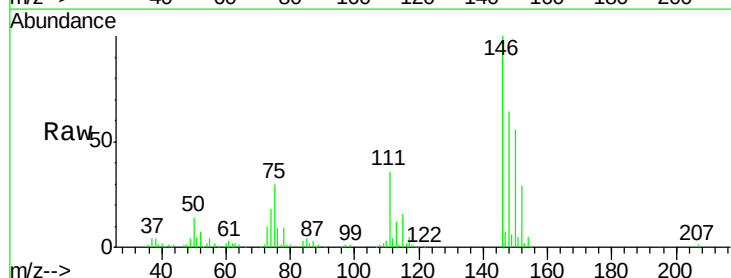
Manual Integrations  
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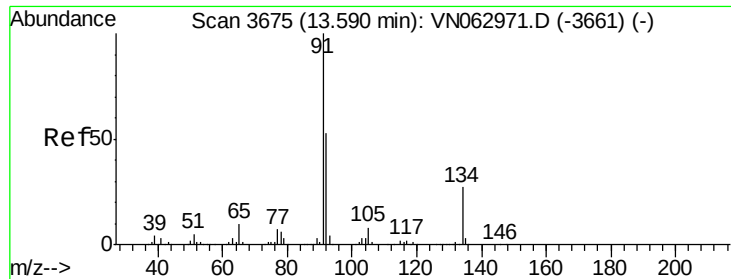
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 17.925 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. -0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.7  | 18.4  | 55.2  |
| 148     | 64.4  | 32.1  | 96.5  |





#89

n-Butylbenzene

Concen: 16.874 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA\_N

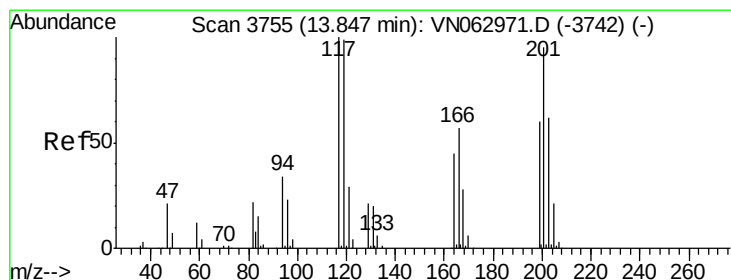
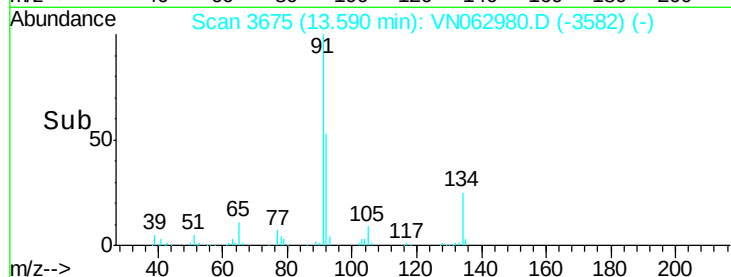
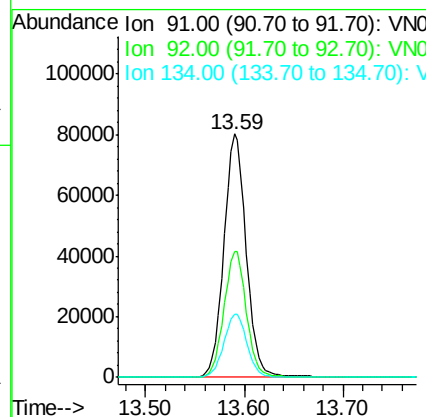
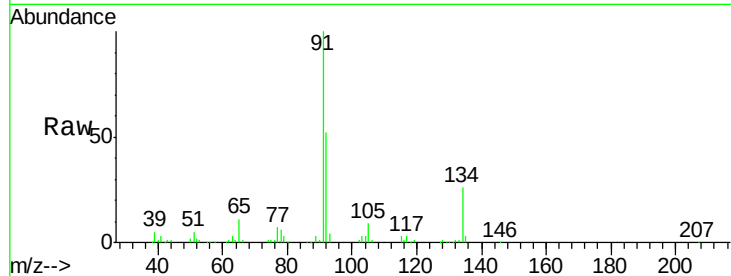
ClientSampleId :

VN0817WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 91    | Resp: | 128581 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 51.5  | 26.3  | 78.8   |
| 134       | 26.7  | 13.4  | 40.2   |

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#90

Hexachloroethane

Concen: 17.573 ug/l

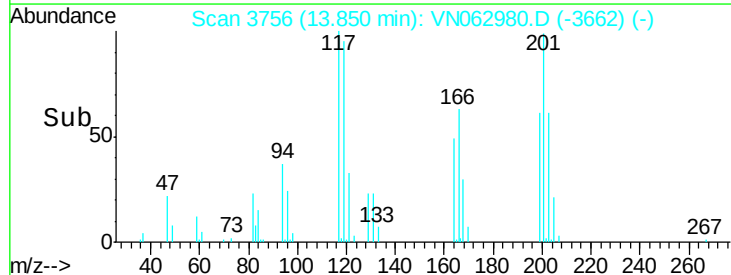
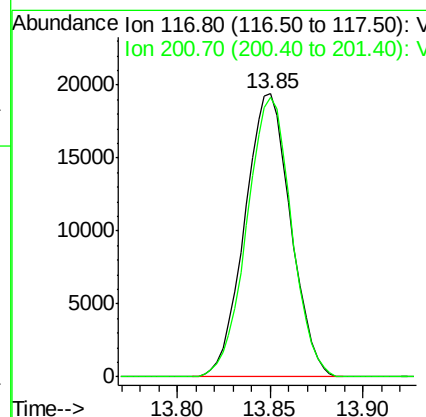
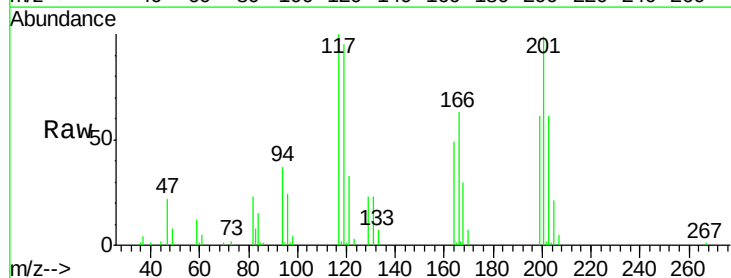
RT: 13.85 min Scan# 3756

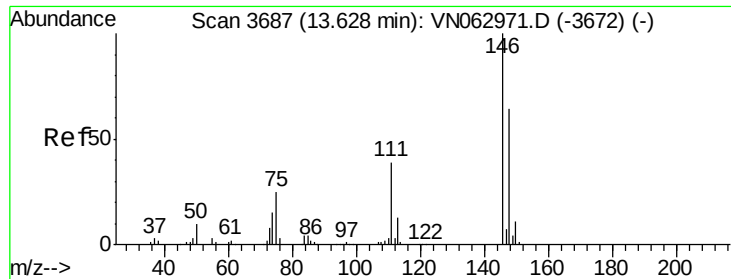
Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 33441 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 96.0  | 48.4  | 145.3 |





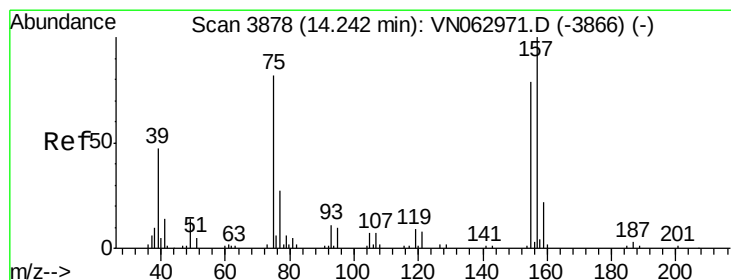
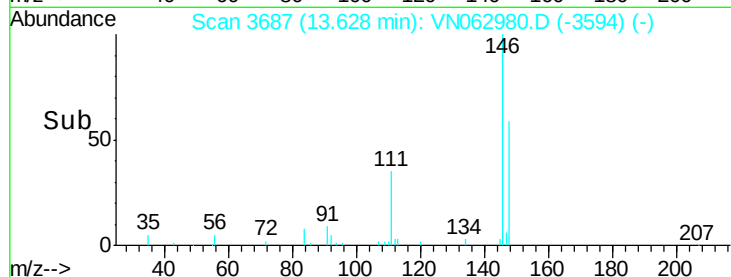
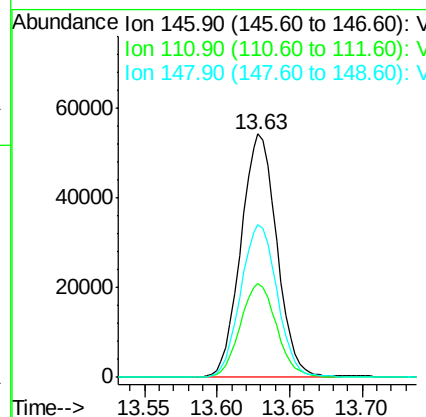
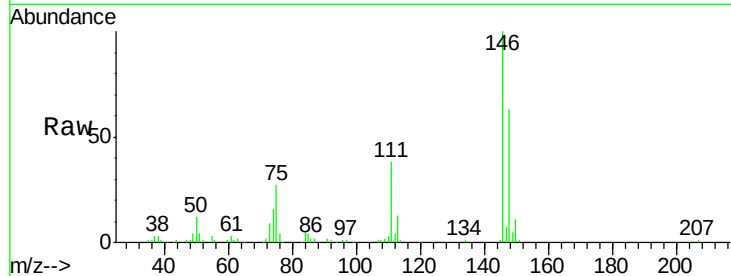
#91  
 1,2-Dichlorobenzene  
 Concen: 18.529 ug/l  
 RT: 13.63 min Scan# 3687  
 Delta R.T. -0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0817WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.8  | 19.4  | 58.4  |
| 148     | 63.8  | 32.5  | 97.5  |

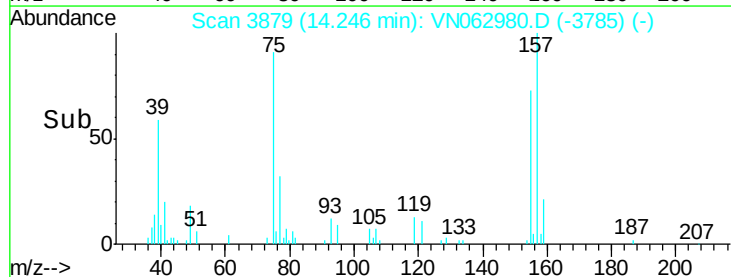
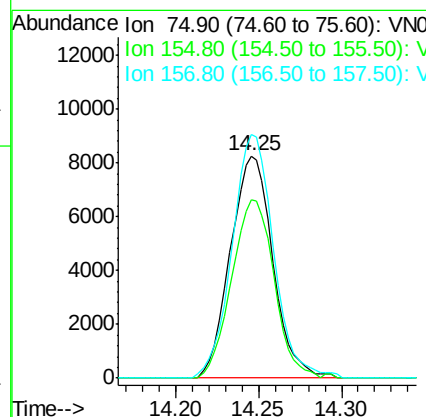
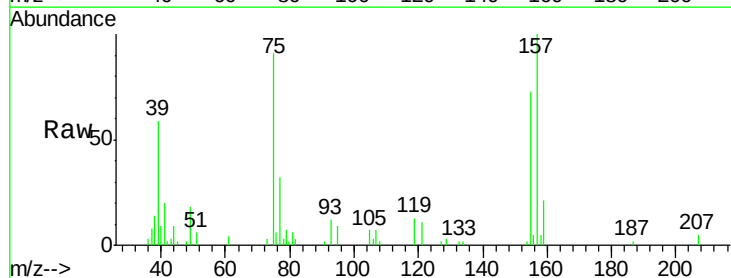
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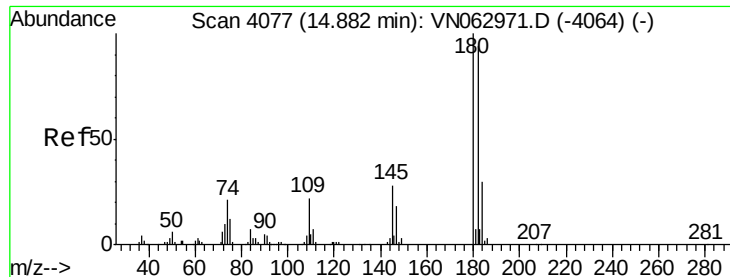
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 24.448 ug/l  
 RT: 14.25 min Scan# 3879  
 Delta R.T. 0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 80.1  | 47.6  | 142.8 |
| 157     | 107.5 | 61.4  | 184.1 |





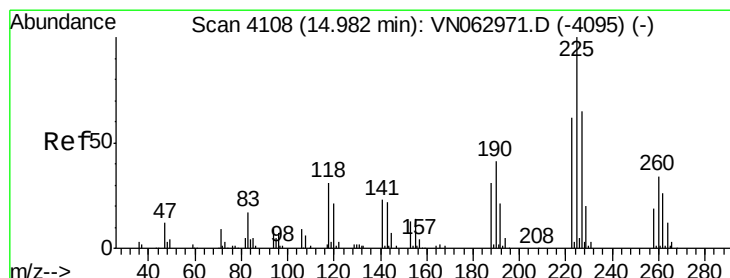
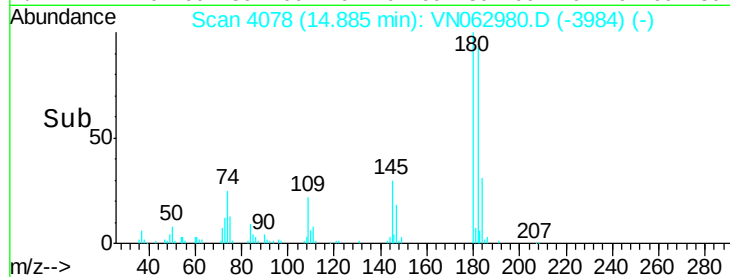
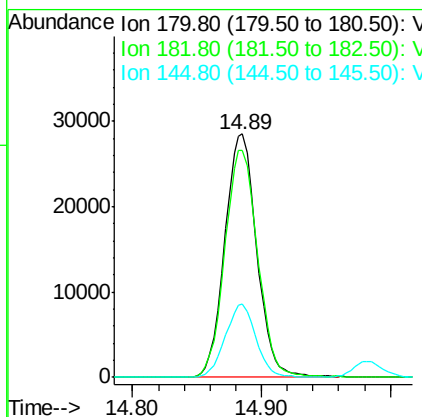
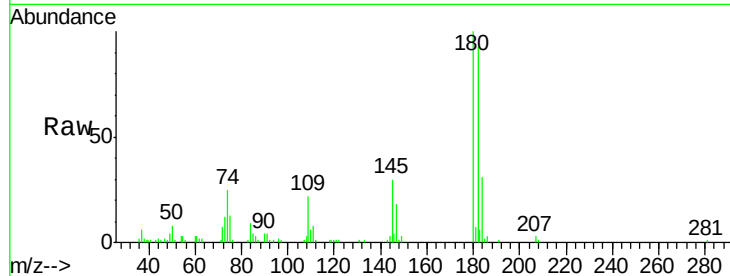
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.819 ug/l  
 RT: 14.89 min Scan# 4078  
 Delta R.T. 0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0817WBSD01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 48988 |       |       |
| 182     | 95.9  |       | 47.8  | 143.3 |
| 145     | 28.8  |       | 13.9  | 41.7  |

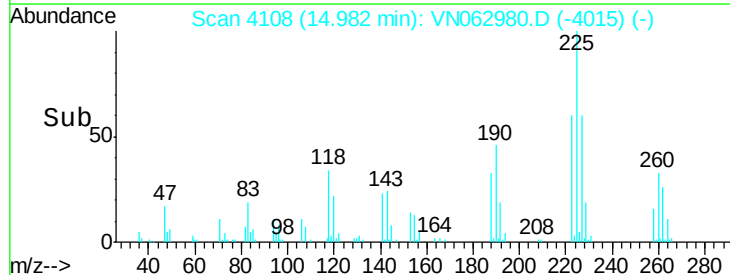
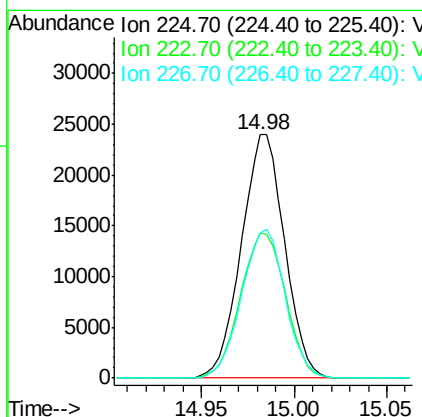
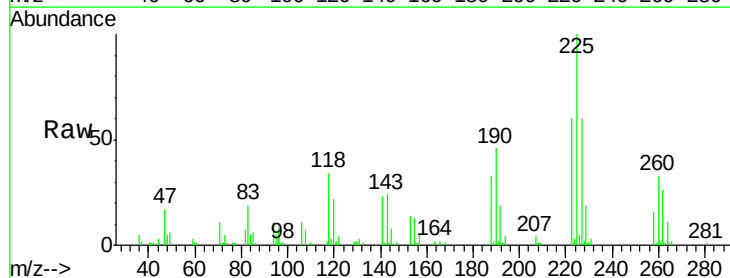
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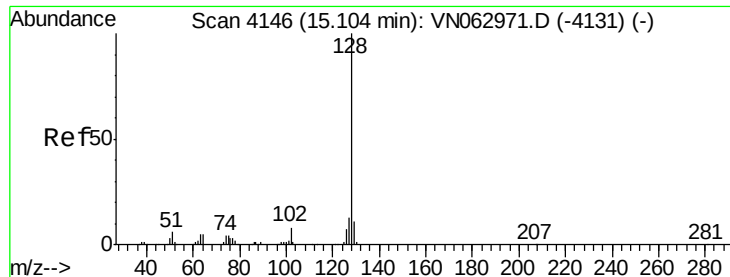
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#94  
 Hexachlorobutadiene  
 Concen: 19.935 ug/l  
 RT: 14.98 min Scan# 4108  
 Delta R.T. -0.00 min  
 Lab File: VN062980.D  
 Acq: 17 Aug 2020 19:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 38988 |       |       |
| 223     | 62.2  |       | 30.9  | 92.5  |
| 227     | 61.4  |       | 32.0  | 96.0  |





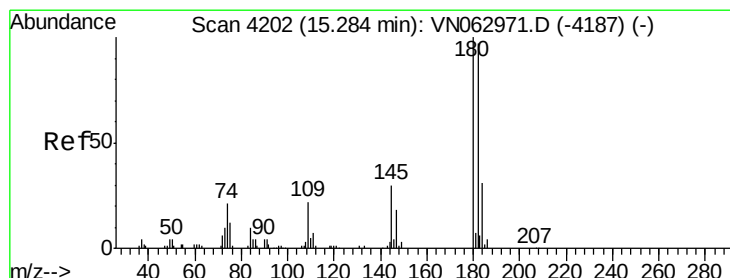
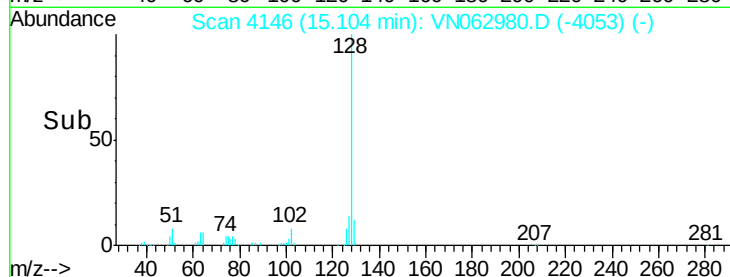
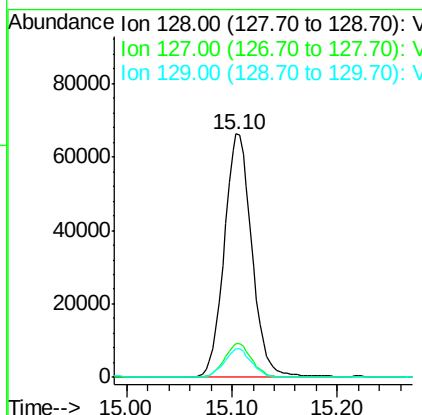
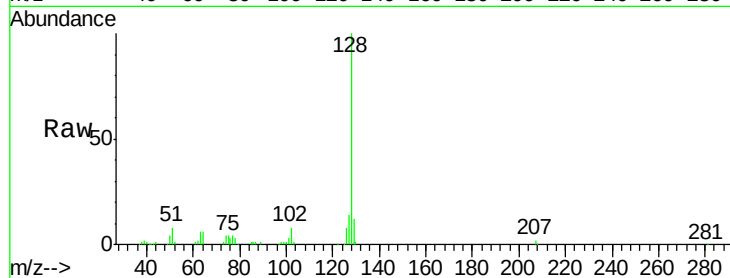
#95  
Naphthalene  
Concen: 22.884 ug/l  
RT: 15.10 min Scan# 4146  
Delta R.T. 0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0817WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.7  | 10.6  | 15.8  |
| 129     | 11.5  | 8.6   | 12.8  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 20.487 ug/l  
RT: 15.28 min Scan# 4202  
Delta R.T. 0.00 min  
Lab File: VN062980.D  
Acq: 17 Aug 2020 19:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 49.3  | 147.8 |
| 145     | 29.8  | 15.0  | 45.0  |

