

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\  
 Data File : VN060567.D  
 Acq On : 17 Mar 2020 19:58  
 Operator : JC/MD  
 Sample : VSTDIC150  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

Manual Integrations  
 APPROVED

MMDadoda  
 3/18/2020 7:00:46 PM

Quant Time: Mar 18 08:45:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 18 08:02:18 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 221891   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 371605   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 345502   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 168224   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.00   | 65  | 460995   | 157.97 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 315.94% |      |
| 35) Dibromofluoromethane  | 7.56   | 113 | 349153   | 189.56 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 379.12% |      |
| 50) Toluene-d8            | 10.08  | 98  | 1416192  | 158.09 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 316.18% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 530383   | 157.96 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 315.92% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 340393  | 163.943 | ug/l | 100    |
| 3) Chloromethane              | 2.03 | 50  | 596722  | 163.418 | ug/l | 100    |
| 4) Vinyl Chloride             | 2.16 | 62  | 475716  | 154.407 | ug/l | 99     |
| 5) Bromomethane               | 2.51 | 94  | 207299m | 152.164 | ug/l |        |
| 6) Chloroethane               | 2.67 | 64  | 276010  | 162.459 | ug/l | 100    |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 583806  | 149.266 | ug/l | 99     |
| 8) Diethyl Ether              | 3.38 | 74  | 241266  | 161.671 | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.73 | 101 | 339918  | 153.124 | ug/l | 100    |
| 10) Methyl Iodide             | 3.92 | 142 | 348724  | 174.295 | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 337050  | 791.055 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.71 | 96  | 357584  | 150.606 | ug/l | 98     |
| 13) Acrolein                  | 3.57 | 56  | 385713  | 941.365 | ug/l | 99     |
| 14) Allyl chloride            | 4.29 | 41  | 627169  | 158.139 | ug/l | 99     |
| 15) Acrylonitrile             | 4.94 | 53  | 1048909 | 914.176 | ug/l | 100    |
| 16) Acetone                   | 3.78 | 43  | 819385  | 863.652 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.03 | 76  | 1115936 | 162.261 | ug/l | 99     |
| 18) Methyl Acetate            | 4.28 | 43  | 474809  | 152.741 | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.00 | 73  | 1229890 | 156.716 | ug/l | 98     |
| 20) Methylene Chloride        | 4.52 | 84  | 401267  | 155.944 | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 382967  | 142.542 | ug/l | 94     |
| 22) Diisopropyl ether         | 5.91 | 45  | 1381907 | 169.003 | ug/l | 97     |
| 23) Vinyl Acetate             | 5.86 | 43  | 5604318 | 861.471 | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 5.82 | 63  | 740715  | 161.280 | ug/l | 100    |
| 25) 2-Butanone                | 6.80 | 43  | 1383725 | 903.223 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 6.79 | 77  | 553672  | 135.892 | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96  | 437359  | 147.532 | ug/l | 100    |
| 28) Bromochloromethane        | 7.17 | 49  | 352274  | 179.472 | ug/l | 100    |
| 29) Tetrahydrofuran           | 7.18 | 42  | 957318  | 895.842 | ug/l | 100    |
| 30) Chloroform                | 7.35 | 83  | 700900  | 154.393 | ug/l | 99     |
| 31) Cyclohexane               | 7.63 | 56  | 710822  | 163.379 | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 609445  | 151.751 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.77 | 75  | 563159  | 156.243 | ug/l | 99     |
| 37) Ethyl Acetate             | 6.90 | 43  | 591824  | 172.340 | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.75 | 117 | 516506  | 149.972 | ug/l | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\  
 Data File : VN060567.D  
 Acq On : 17 Mar 2020 19:58  
 Operator : JC/MD  
 Sample : VSTDICC150  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC150

Manual Integrations  
 APPROVED

MMDadoda  
 3/18/2020 7:00:46 PM

Quant Time: Mar 18 08:45:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 18 08:02:18 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 671025   | 158.032  | ug/l   | 99       |
| 40) Benzene                    | 8.02  | 78   | 1657954  | 158.308  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.14  | 41   | 239117m  | 153.040  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 565617   | 151.365  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.14  | 43   | 1002939  | 167.762  | ug/l   | 100      |
| 44) Trichloroethene            | 8.82  | 130  | 419367   | 145.435  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 447318   | 163.602  | ug/l   | 98       |
| 46) Dibromomethane             | 9.19  | 93   | 272074   | 154.575  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.39  | 83   | 570886   | 159.560  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.18  | 41   | 470324   | 172.746  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.18  | 88   | 107479   | 2847.337 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 2826200  | 832.110  | ug/l   | 97       |
| 52) Toluene                    | 10.14 | 92   | 1023419  | 156.454  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 658714   | 150.481  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.82  | 75   | 707625   | 155.559  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 385224   | 147.206  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 671730   | 177.014  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 681697   | 158.862  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 1619800  | 819.677  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.74 | 43   | 2121382  | 851.577  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.89 | 129  | 425532   | 159.954  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 405884   | 158.645  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.62 | 164  | 398852   | 130.510  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 1045549  | 149.261  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.50 | 131  | 384075   | 149.245  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.50 | 91   | 1942764  | 151.597  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.62 | 106  | 1455912  | 301.269  | ug/l   | 96       |
| 69) o-Xylene                   | 11.94 | 106  | 700046   | 152.016  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 1209538  | 159.902  | ug/l   | 100      |
| 71) Bromoform                  | 12.12 | 173  | 317684   | 170.210  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 1830826  | 145.516  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.06 | 43   | 911409   | 163.923  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 563766   | 162.418  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 523969m  | 142.491  | ug/l   |          |
| 77) Bromobenzene               | 12.52 | 156  | 451765   | 146.985  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 2185216  | 147.828  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 1308596  | 150.301  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 1581422  | 149.238  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.29 | 75   | 220490   | 163.004  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 1360231  | 148.535  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 1305444  | 143.274  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 1585733  | 148.508  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 1767678  | 144.564  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.28 | 119  | 1603767  | 142.015  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 807548   | 140.447  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 805351   | 140.377  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.61 | 91   | 1494200  | 144.213  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 258902   | 158.625  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 763401   | 141.990  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.26 | 75   | 118887   | 153.260  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\  
Data File : VN060567.D  
Acq On : 17 Mar 2020 19:58  
Operator : JC/MD  
Sample : VSTDICC150  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150

Manual Integrations  
APPROVED

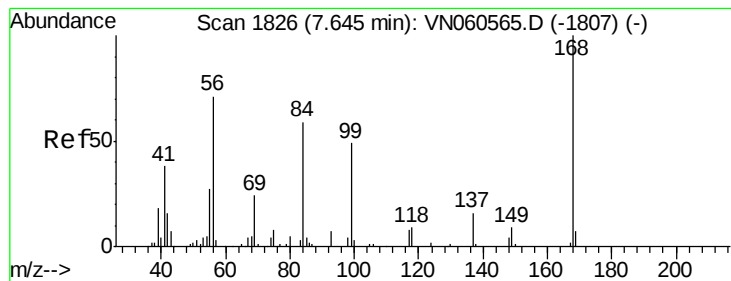
MMDadoda  
3/18/2020 7:00:46 PM

Quant Time: Mar 18 08:45:32 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 18 08:02:18 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.90 | 180  | 506903   | 133.934 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 226507   | 126.065 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 1535125  | 140.541 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 481106   | 135.082 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 221891

Ion Ratio Lower Upper

168 100

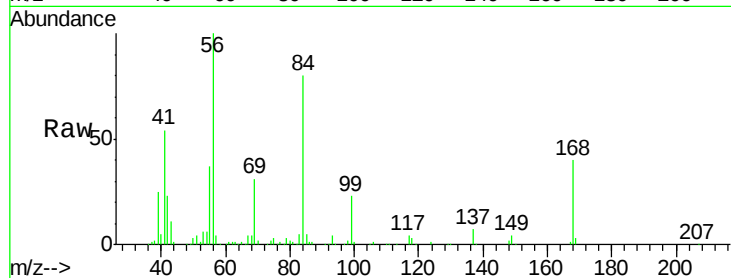
99 57.0 44.0 66.0

Manual Integrations

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3/18/2020 7:00:46 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

150000

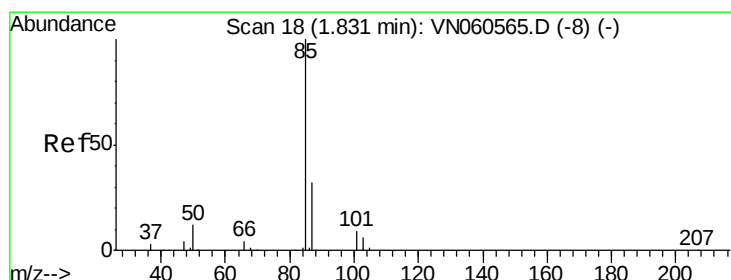
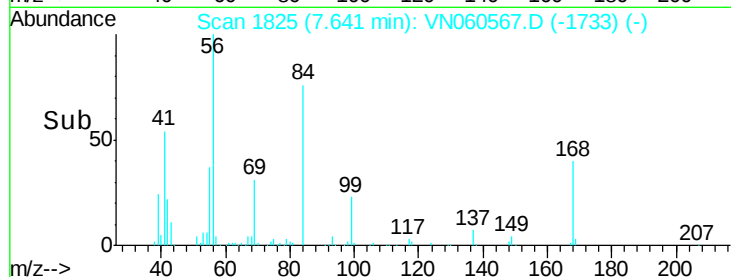
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 163.943 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN060567.D

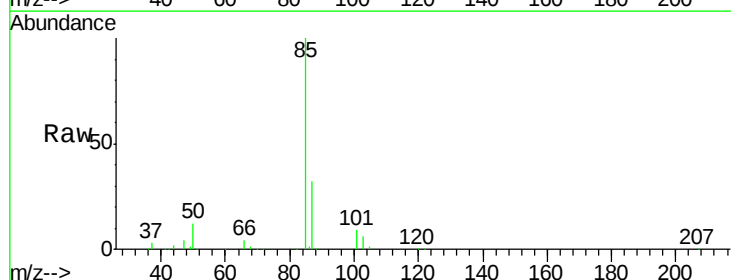
Acq: 17 Mar 2020 19:58

Tgt Ion: 85 Resp: 340393

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

300000

250000

200000

150000

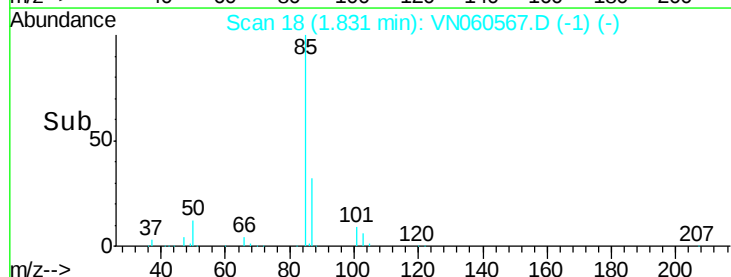
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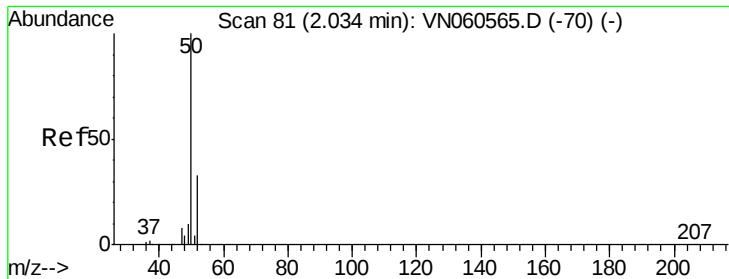
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0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 163.418 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 596722

Ion Ratio Lower Upper

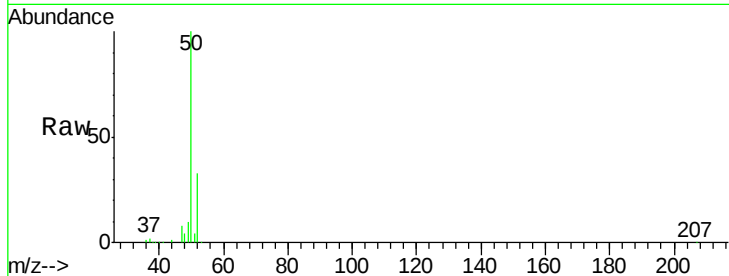
50 100

52 32.7 26.2 39.2

Manual Integrations  
APPROVED

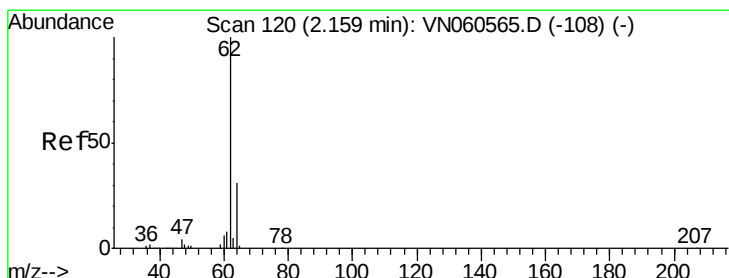
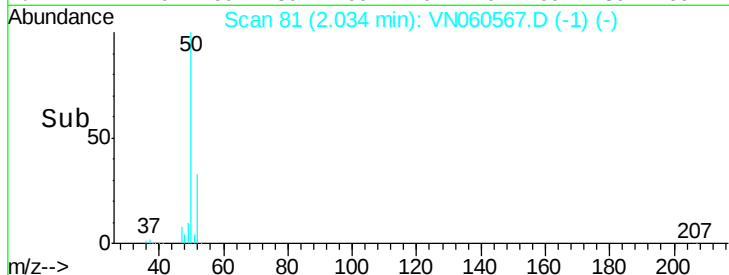
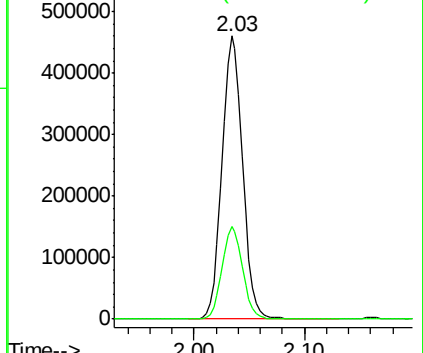
MMDadoda

3/18/2020 7:00:46 PM



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 154.407 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN060567.D

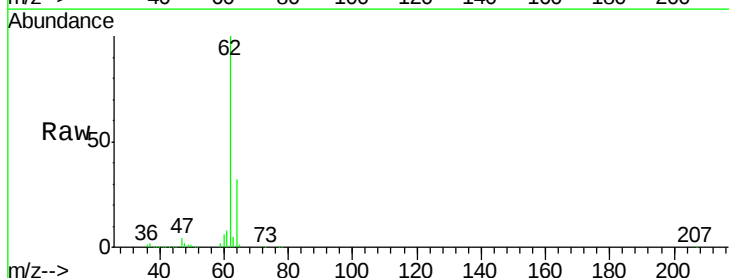
Acq: 17 Mar 2020 19:58

Tgt Ion: 62 Resp: 475716

Ion Ratio Lower Upper

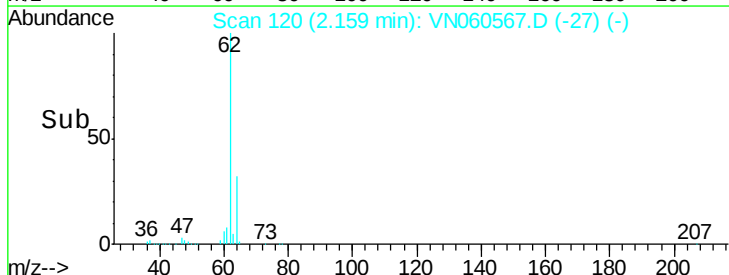
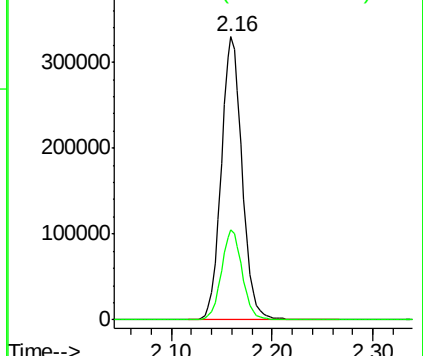
62 100

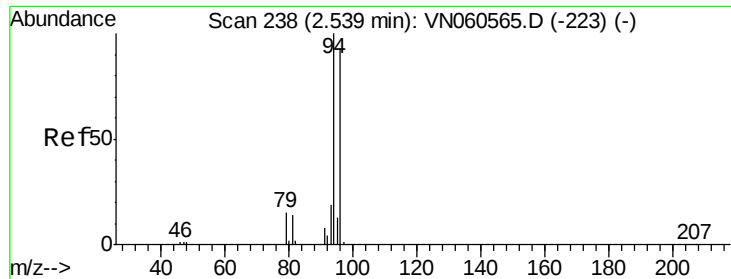
64 31.7 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 152.164 ug/l m

RT: 2.51 min Scan# 230

Delta R.T. -0.03 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 207299

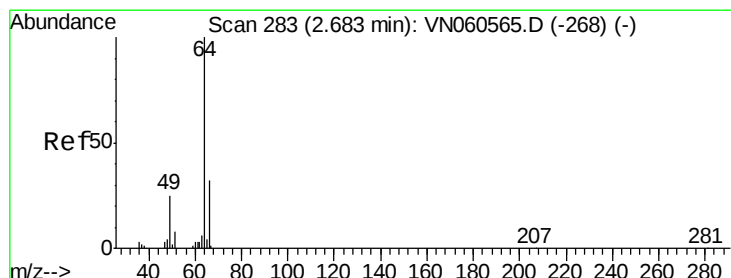
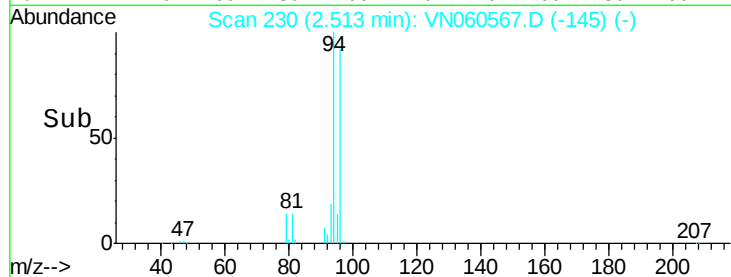
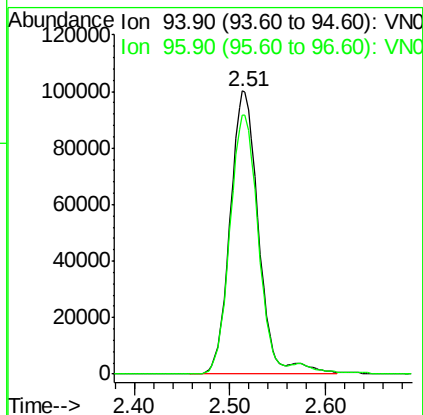
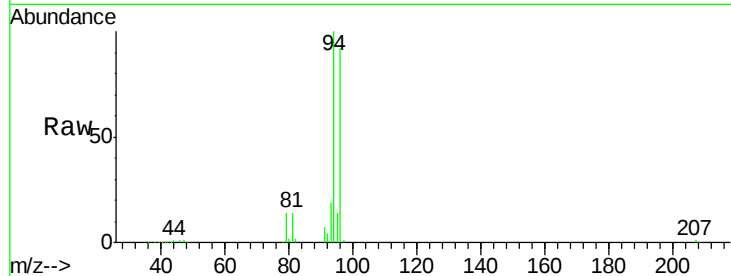
Ion Ratio Lower Upper

94 100

96 91.5 74.6 112.0

Manual Integrations  
APPROVED

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3/18/2020 7:00:46 PM



#6

Chloroethane

Concen: 162.459 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.02 min

Lab File: VN060567.D

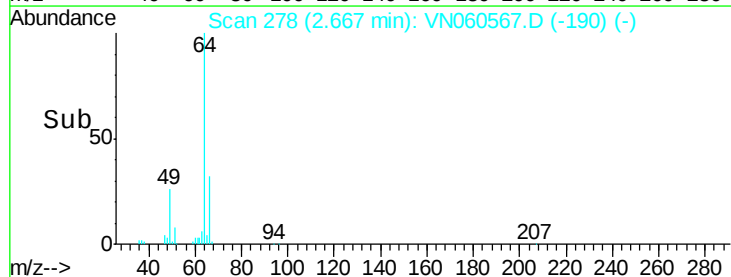
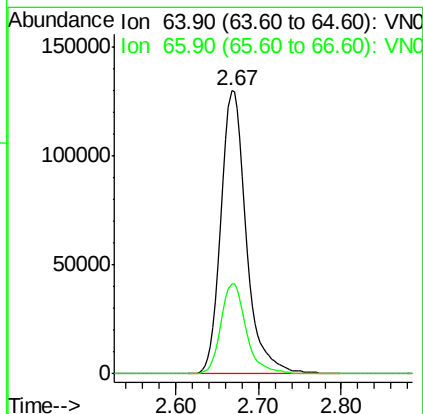
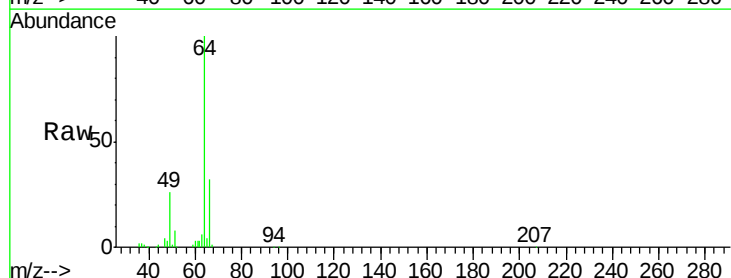
Acq: 17 Mar 2020 19:58

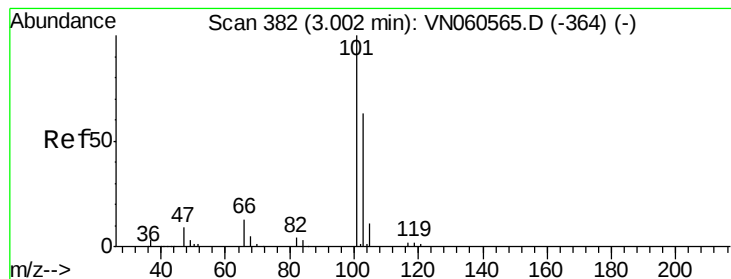
Tgt Ion: 64 Resp: 276010

Ion Ratio Lower Upper

64 100

66 31.7 25.3 37.9





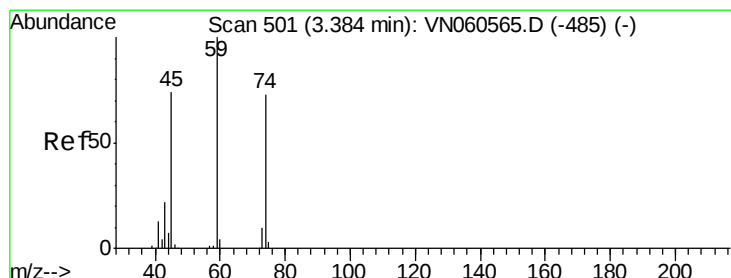
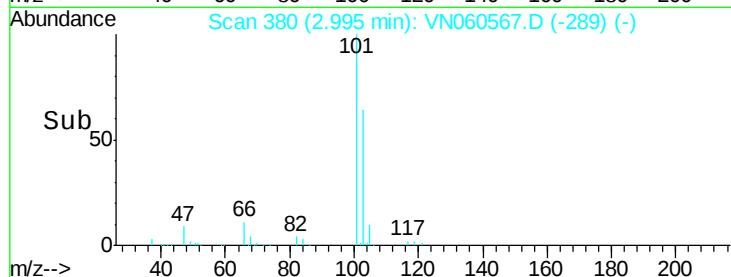
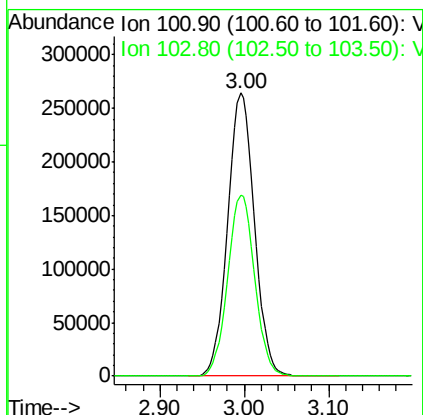
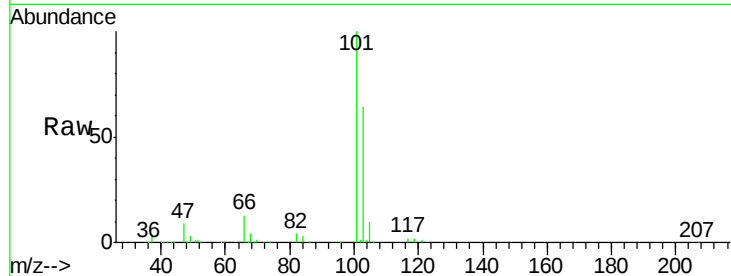
#7  
 Trichlorofluoromethane  
 Concen: 149.266 ug/l  
 RT: 3.00 min Scan# 380  
 Delta R.T. -0.01 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 583806 |       |       |
| 103     | 64.1  |        | 50.6  | 76.0  |

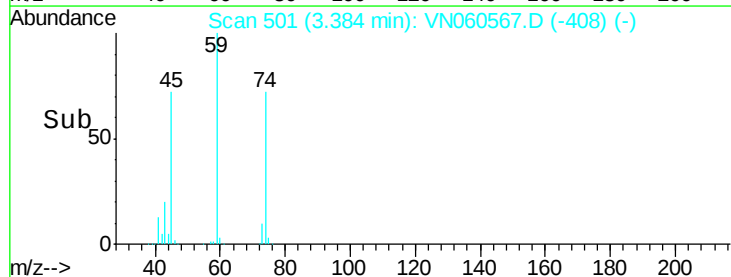
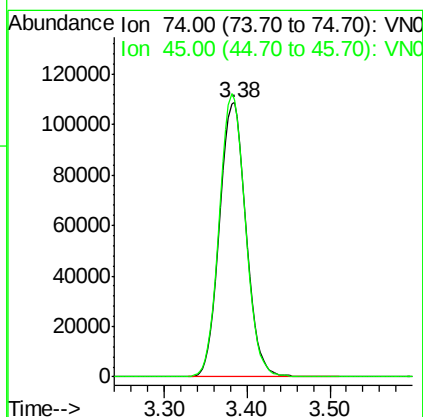
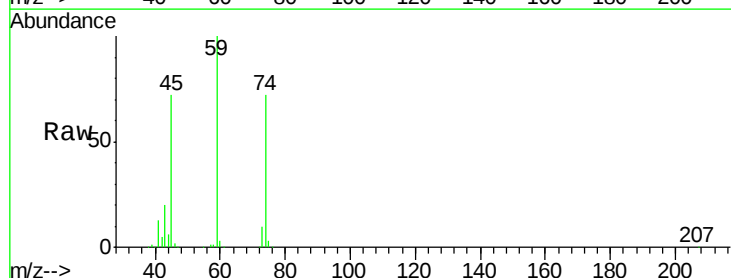
Manual Integrations  
 APPROVED

MMDadoda  
 3/18/2020 7:00:46 PM



#8  
 Diethyl Ether  
 Concen: 161.671 ug/l  
 RT: 3.38 min Scan# 501  
 Delta R.T. -0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 74      | 100   | 241266 |       |       |
| 45      | 101.5 |        | 51.3  | 153.9 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 153.124 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

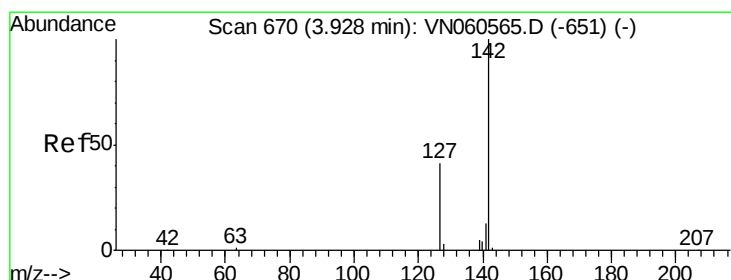
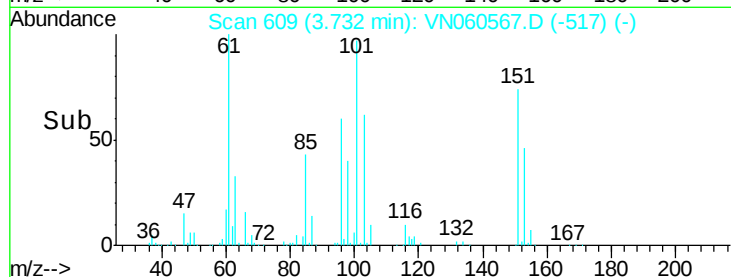
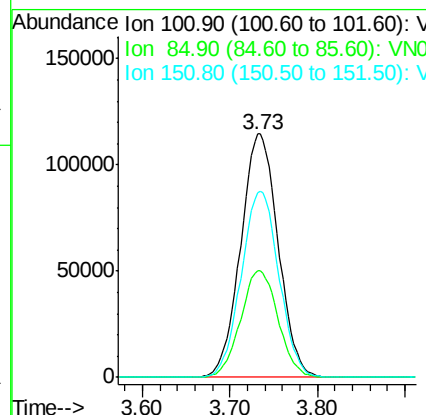
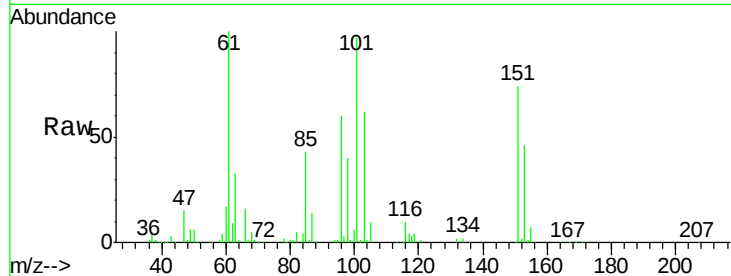
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 339918 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.9  | 35.6  | 53.4   |
| 151       | 76.9  | 61.4  | 92.2   |

Manual Integrations  
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3/18/2020 7:00:46 PM



#10

Methyl Iodide

Concen: 174.295 ug/l

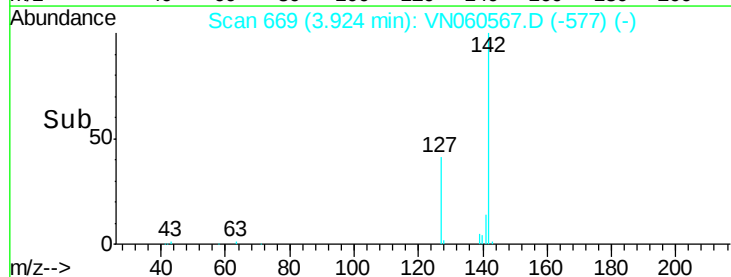
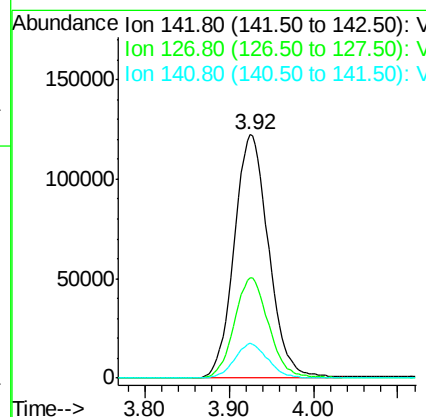
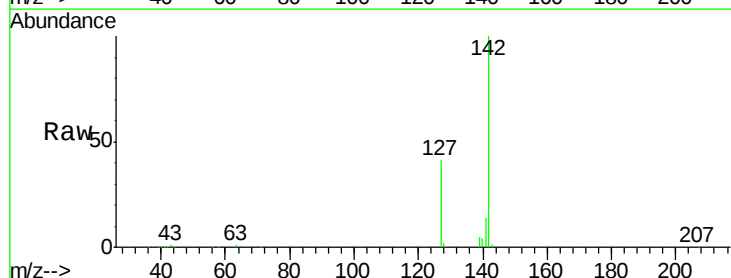
RT: 3.92 min Scan# 669

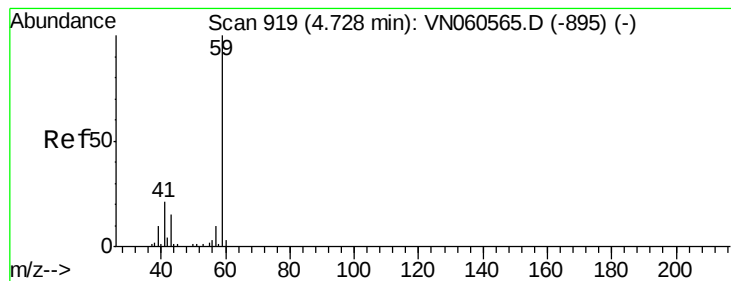
Delta R.T. -0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 348724 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 41.0  | 33.5  | 50.3   |
| 141       | 13.8  | 11.0  | 16.6   |





#11

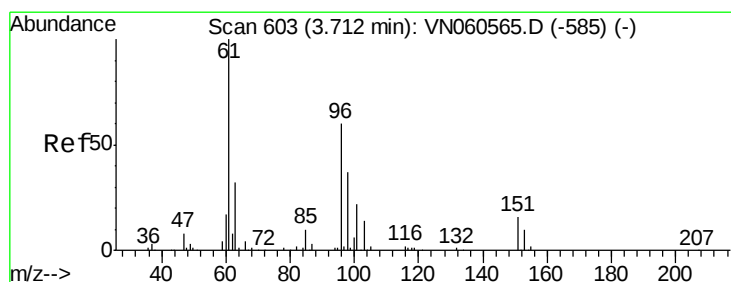
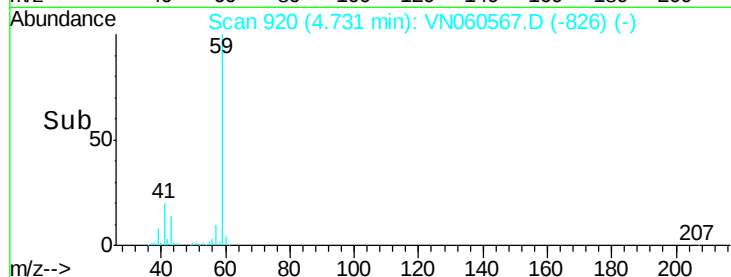
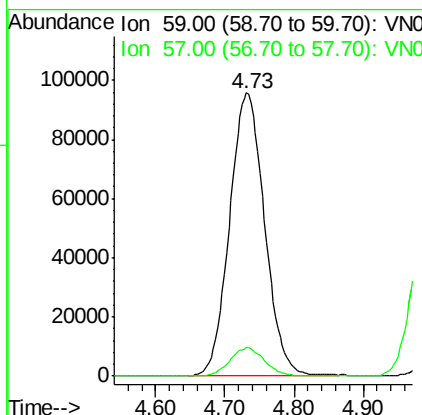
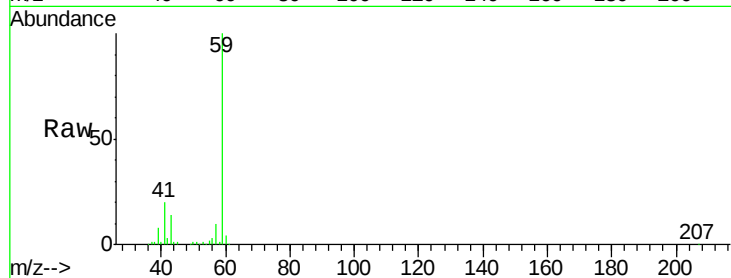
Tert butyl alcohol  
Concen: 791.055 ug/l  
RT: 4.73 min Scan# 920  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 59      | 100   | 337050 |       |       |
| 57      | 9.9   |        | 8.2   | 12.4  |

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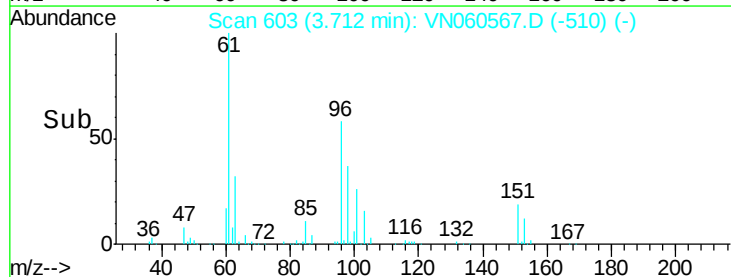
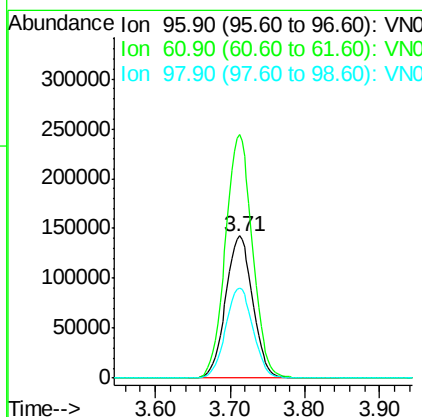
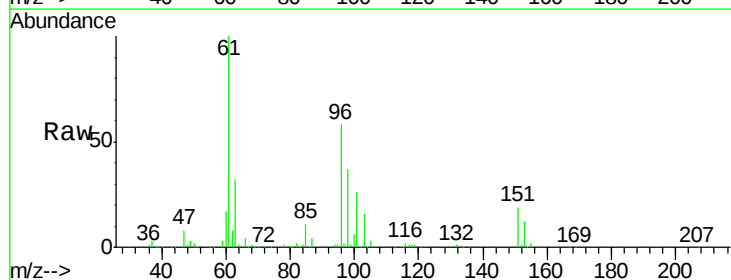
MMDadoda  
3/18/2020 7:00:46 PM

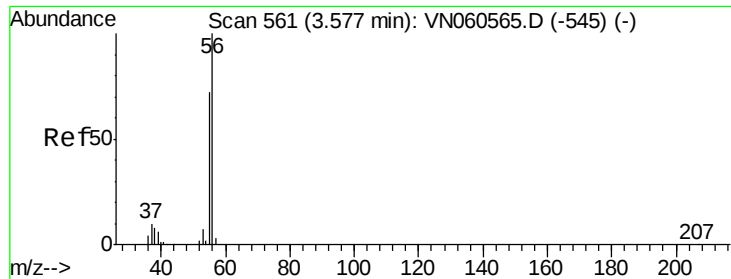


#12

1,1-Dichloroethene  
Concen: 150.606 ug/l  
RT: 3.71 min Scan# 603  
Delta R.T. -0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 357584 |       |       |
| 61      | 171.1 |        | 134.1 | 201.1 |
| 98      | 63.5  |        | 49.9  | 74.9  |





#13

Acrolein

Concen: 941.365 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 385713

Ion Ratio Lower Upper

56 100

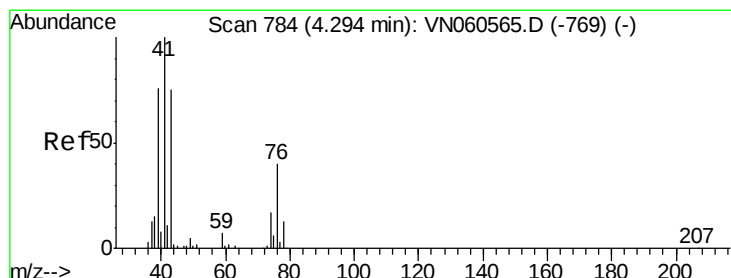
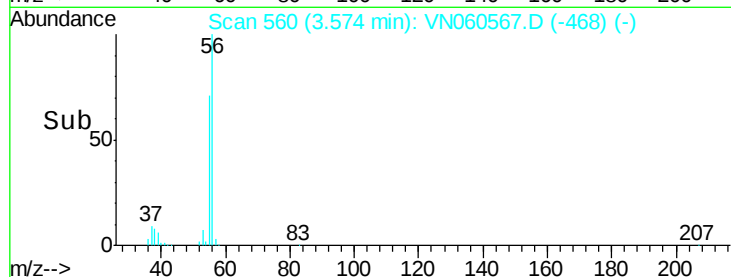
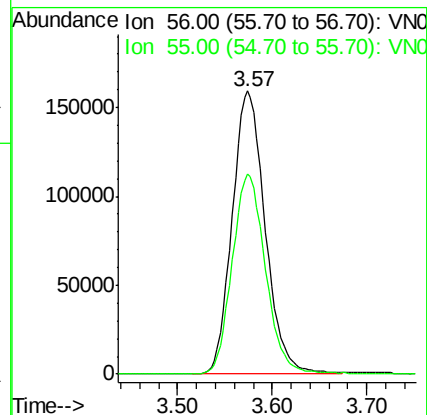
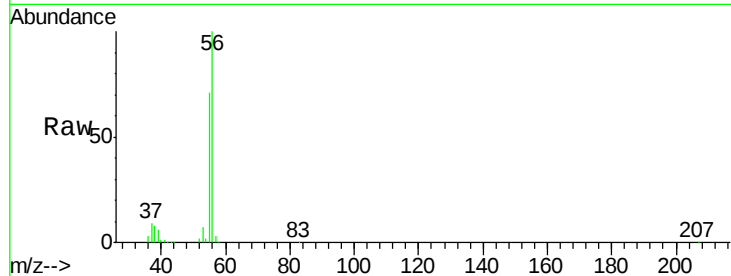
55 71.5 56.7 85.1

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 158.139 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

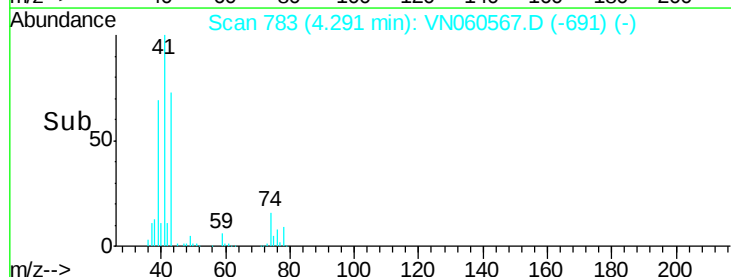
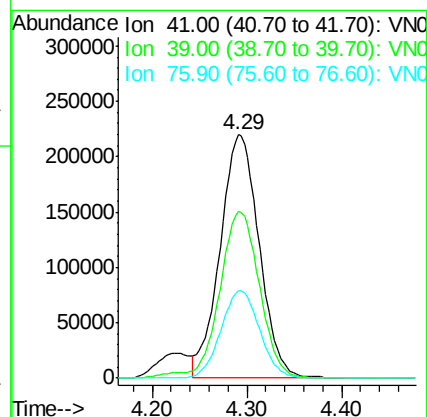
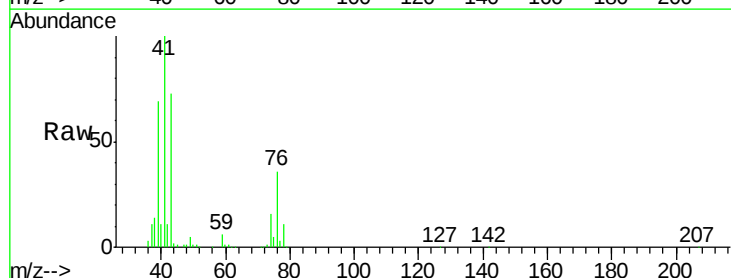
Tgt Ion: 41 Resp: 627169

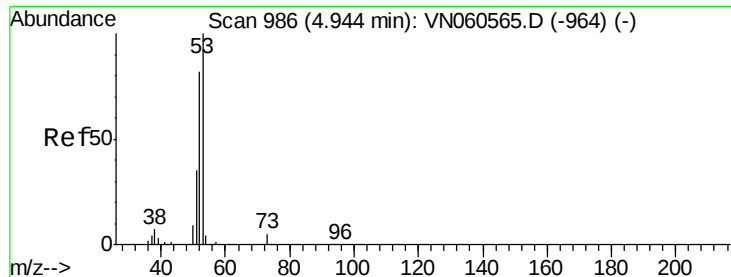
Ion Ratio Lower Upper

41 100

39 70.8 57.8 86.8

76 35.9 28.6 43.0





#15

Acrylonitrile

Concen: 914.176 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1048909

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.4

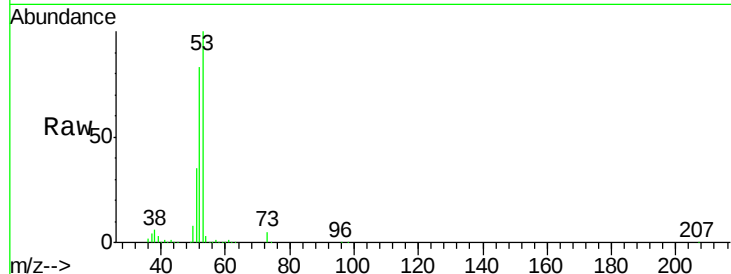
51 35.6 28.7 43.1

Manual Integrations

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Abundance Ion 53.00 (52.70 to 53.70): VN060567.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060567.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060567.D (-964) (-)

4.94

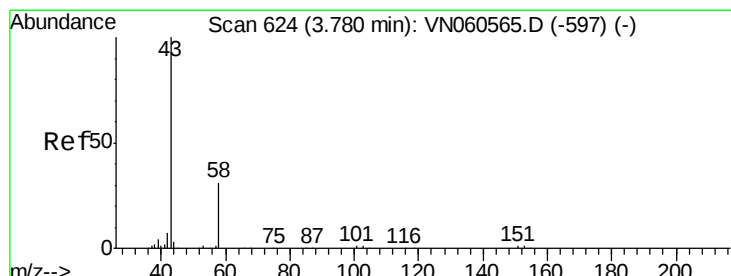
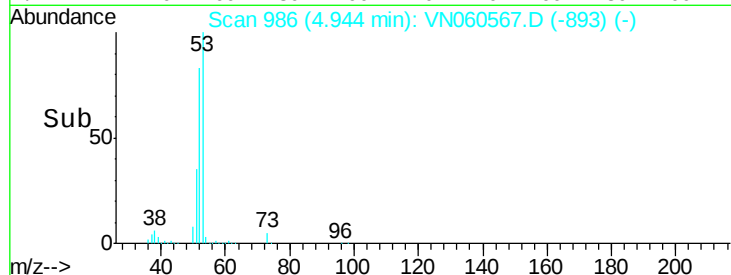
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 863.652 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060567.D

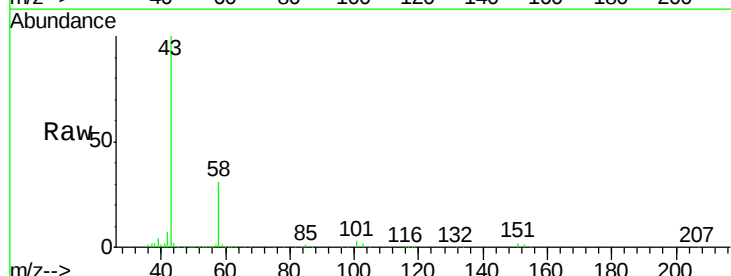
Acq: 17 Mar 2020 19:58

Tgt Ion: 43 Resp: 819385

Ion Ratio Lower Upper

43 100

58 30.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060567.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060567.D (-597) (-)

3.78

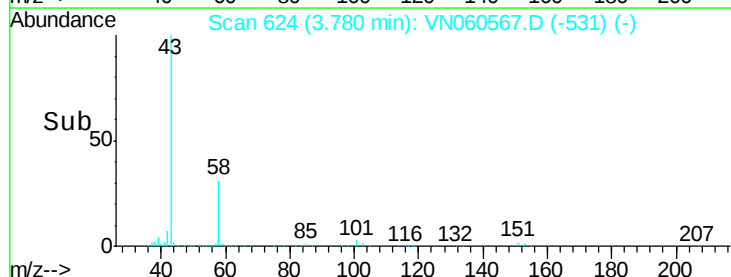
300000

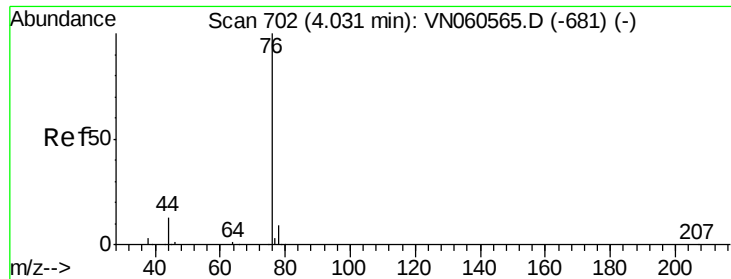
200000

100000

0

Time-->





#17

Carbon Disulfide

Concen: 162.261 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1115936

Ion Ratio Lower Upper

76 100

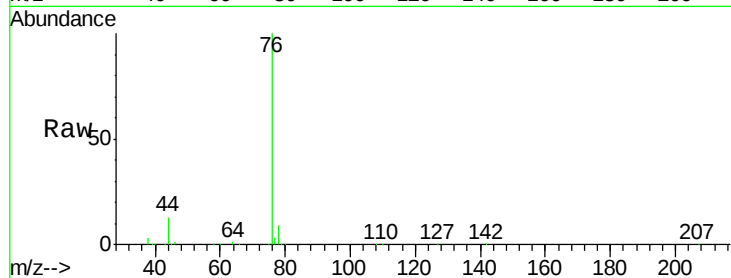
78 9.2 7.2 10.8

Manual Integrations

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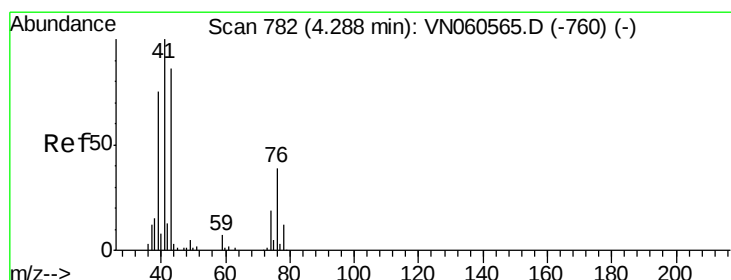
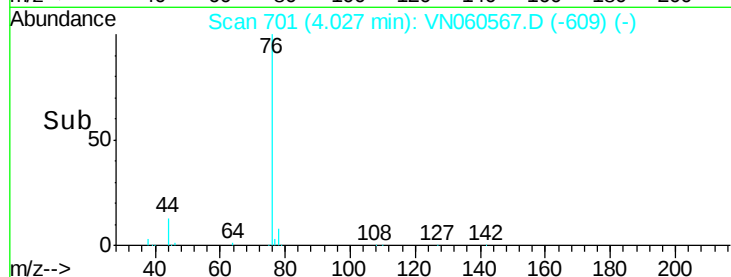
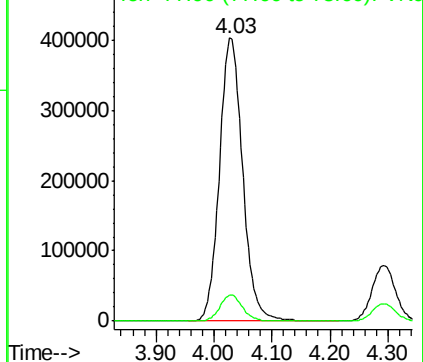
MMDadoda

3/18/2020 7:00:46 PM



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 152.741 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060567.D

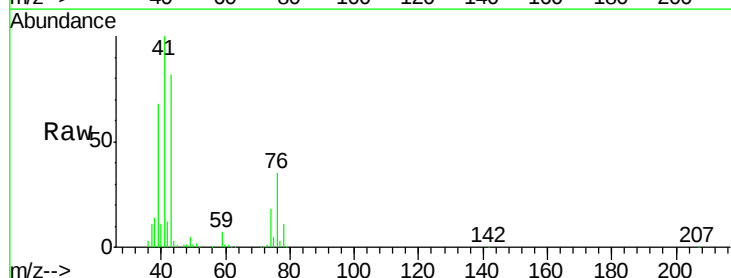
Acq: 17 Mar 2020 19:58

Tgt Ion: 43 Resp: 474809

Ion Ratio Lower Upper

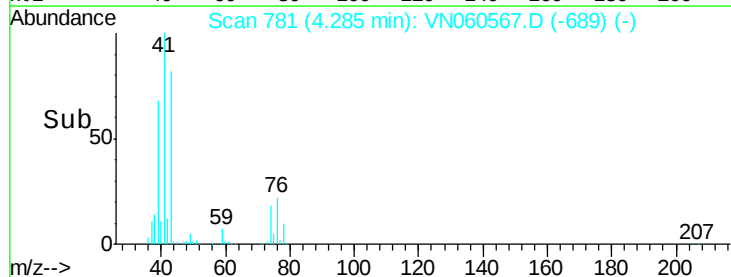
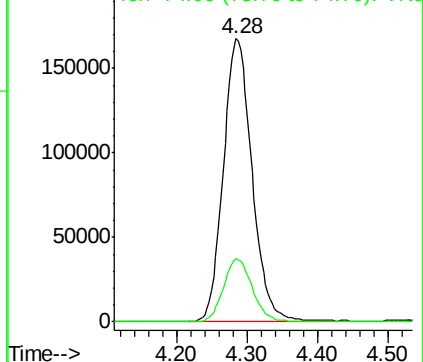
43 100

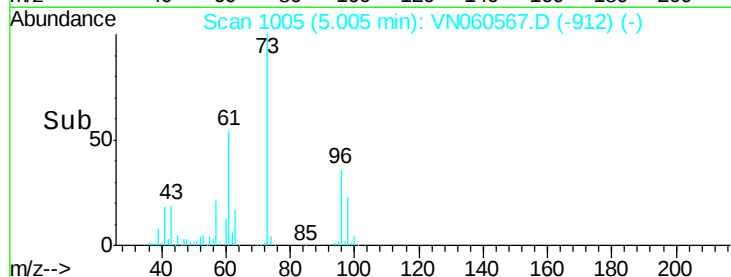
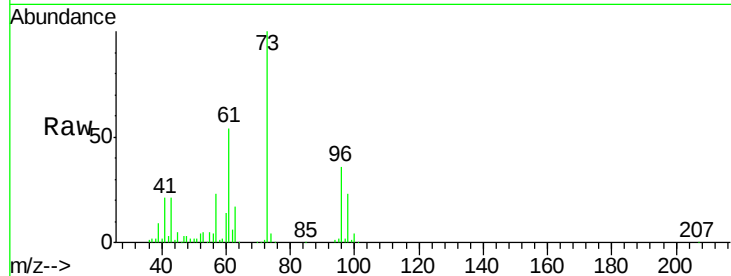
74 22.5 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





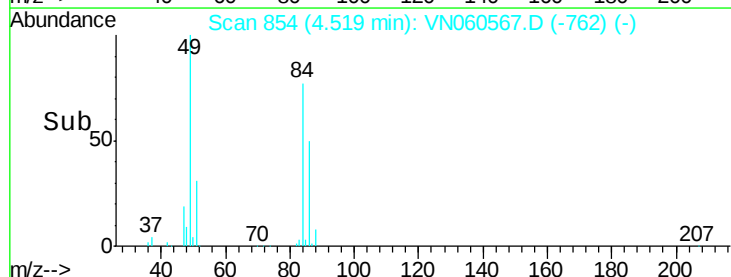
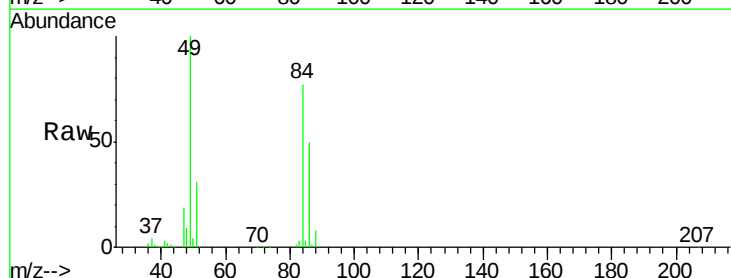
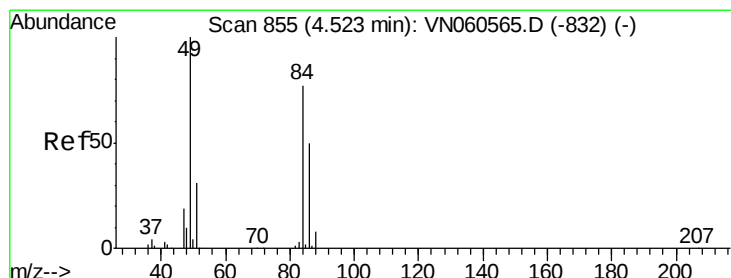
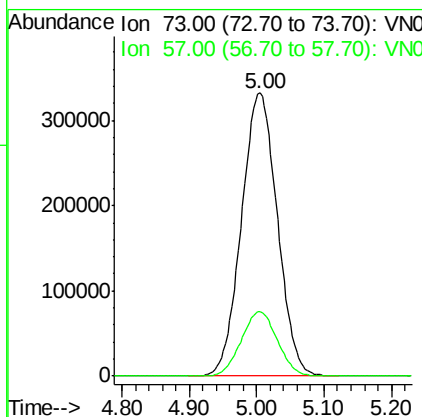
#19  
Methvl tert-butvl Ether  
Concen: 156.716 ug/l  
RT: 5.00 min Scan# 1005  
Delta R.T. -0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Tot Ion: 73 Resp: 1229890  
Ion Ratio Lower Upper  
73 100  
57 22.9 17.5 26.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

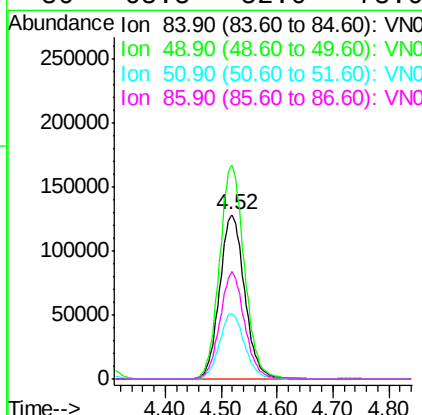
Manual Integrations  
APPROVED

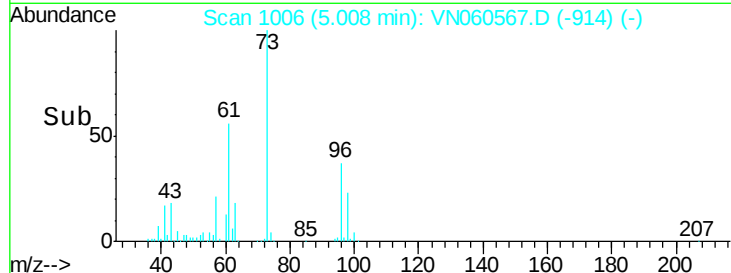
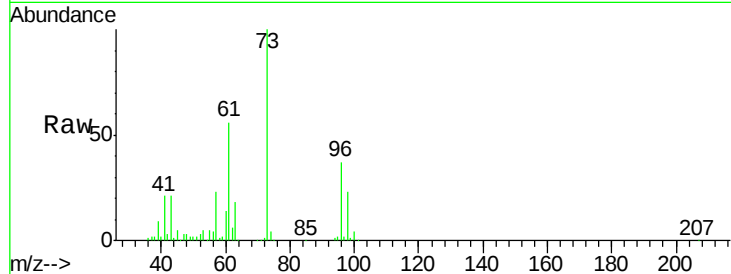
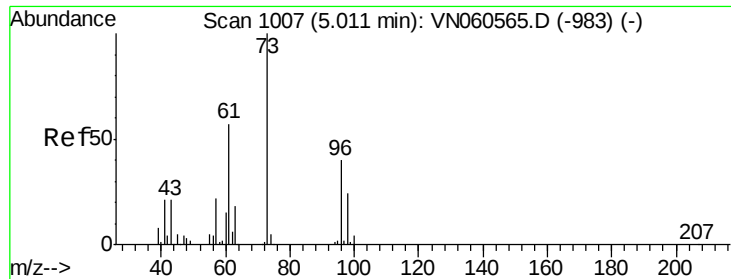
MMDadoda  
3/18/2020 7:00:46 PM



#20  
Methylene Chloride  
Concen: 155.944 ug/l  
RT: 4.52 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Tgt Ion: 84 Resp: 401267  
Ion Ratio Lower Upper  
84 100  
49 130.1 103.3 154.9  
51 39.9 31.6 47.4  
86 65.5 52.0 78.0





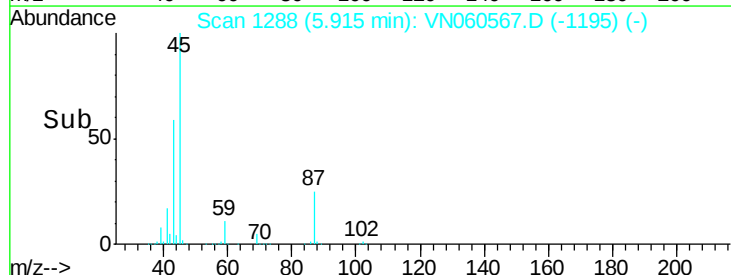
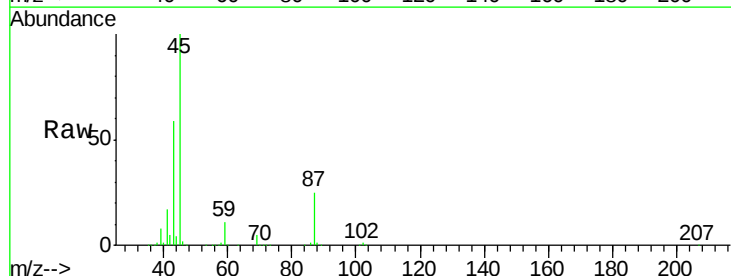
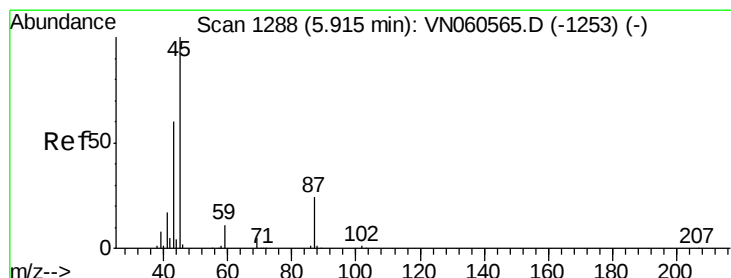
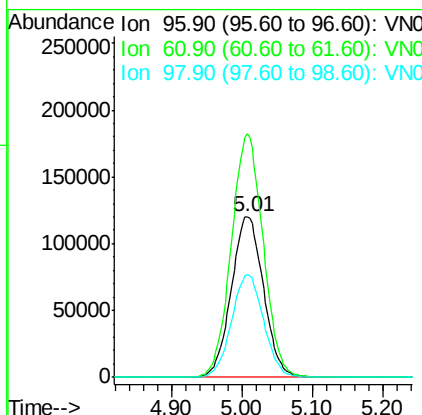
#21  
trans-1,2-Dichloroethene  
Concen: 142.542 ug/l  
RT: 5.01 min Scan# 1006  
Delta R.T. -0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 151.2 | 114.4 | 171.6 |
| 98      | 63.8  | 48.4  | 72.6  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

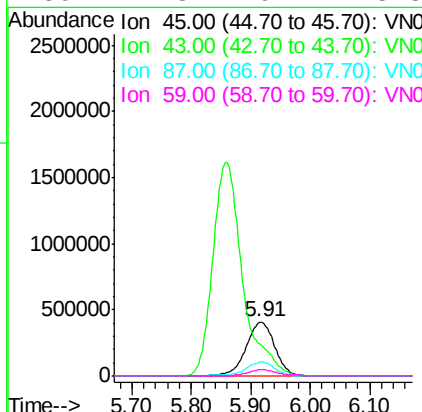
Manual Integrations  
APPROVED

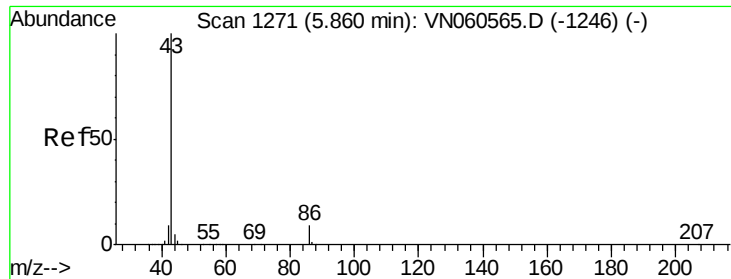
MMDadoda  
3/18/2020 7:00:46 PM



#22  
Diisopropyl ether  
Concen: 169.003 ug/l  
RT: 5.91 min Scan# 1288  
Delta R.T. -0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 58.6  | 49.8  | 74.8  |
| 87      | 25.5  | 20.1  | 30.1  |
| 59      | 11.3  | 9.2   | 13.8  |





#23

Vinyl Acetate

Concen: 861.471 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 5604318

Ion Ratio Lower Upper

43 100

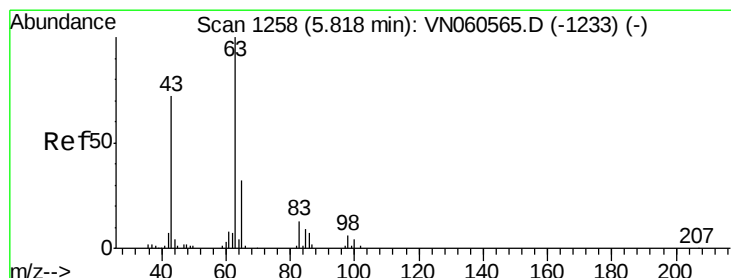
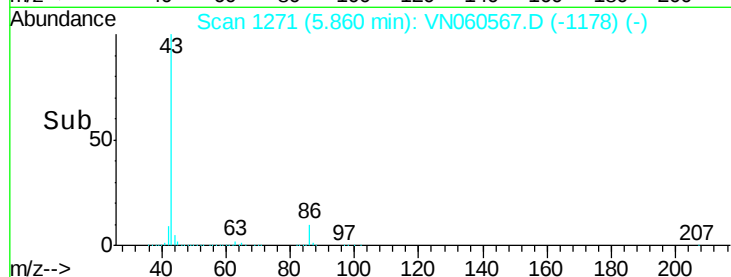
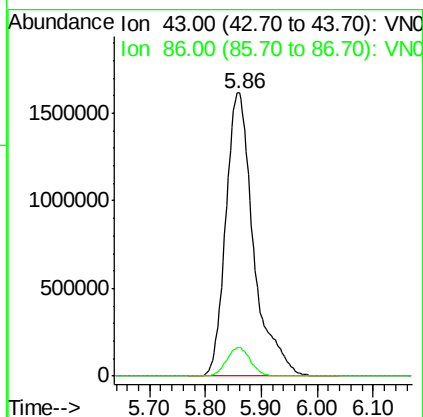
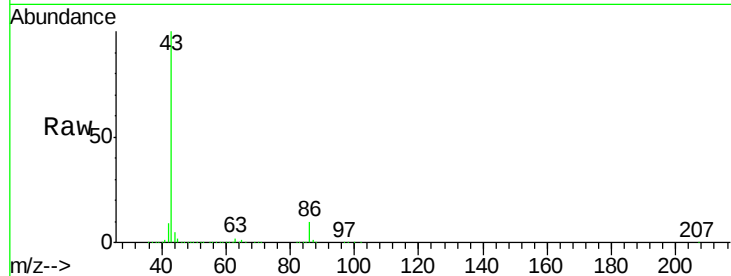
86 10.2 7.6 11.4

Manual Integrations

APPROVED

MMDadoda

3/18/2020 7:00:46 PM



#24

1,1-Dichloroethane

Concen: 161.280 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

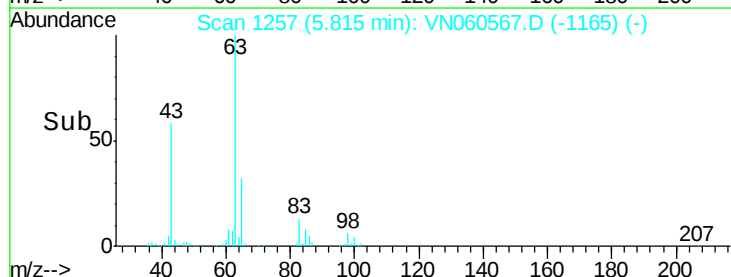
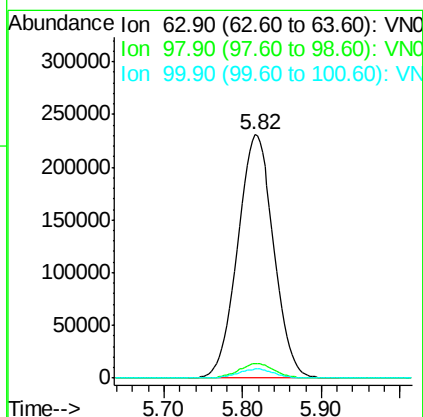
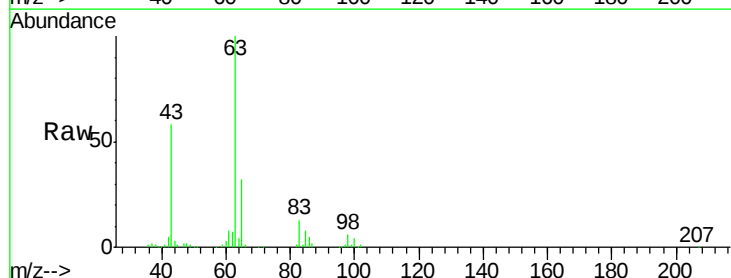
Tgt Ion: 63 Resp: 740715

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.7

100 3.7 1.8 5.5





#25

2-Butanone

Concen: 903.223 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1383725

Ion Ratio Lower Upper

43 100

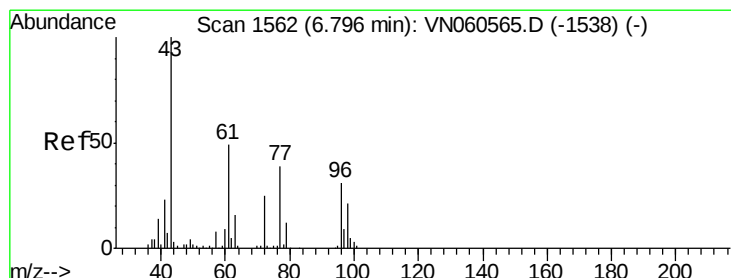
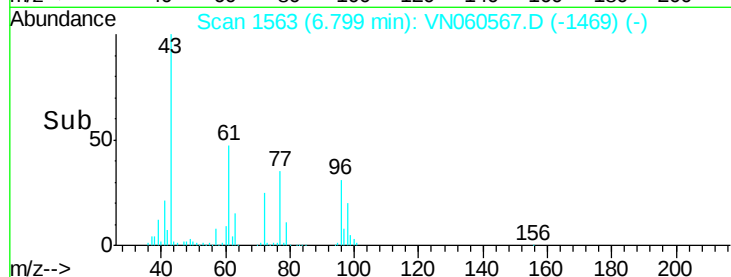
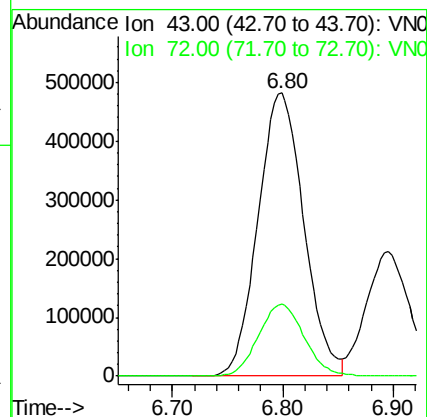
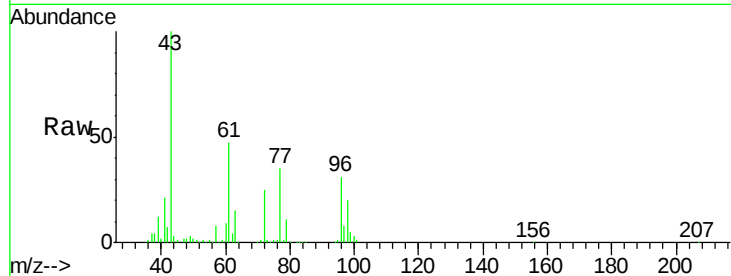
72 25.4 20.4 30.6

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#26

2,2-Dichloropropane

Concen: 135.892 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060567.D

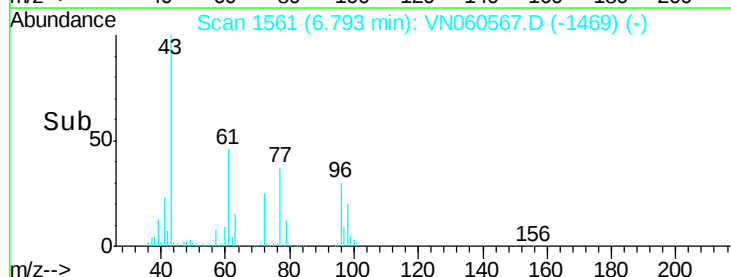
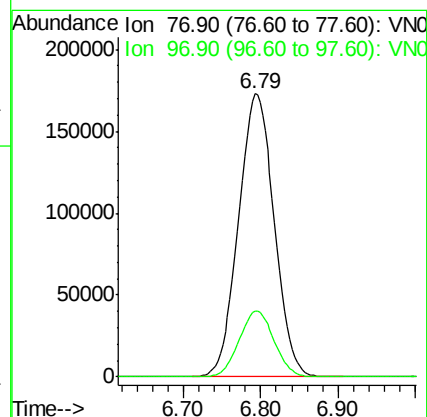
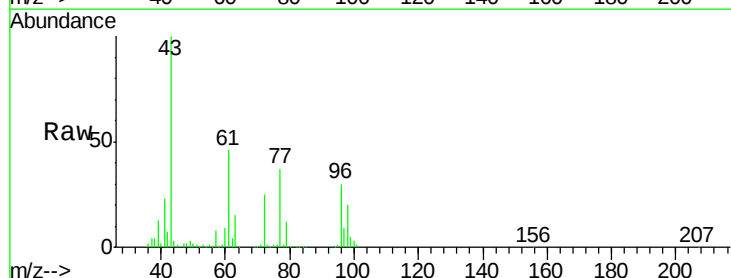
Acq: 17 Mar 2020 19:58

Tgt Ion: 77 Resp: 553672

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 147.532 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

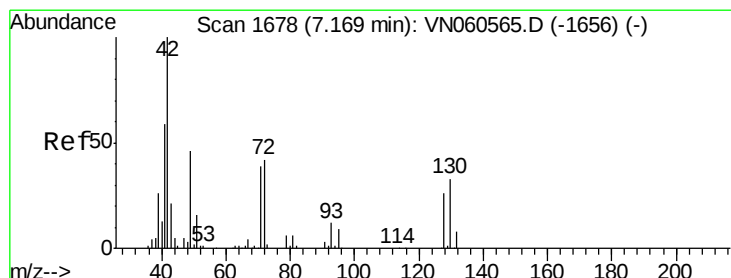
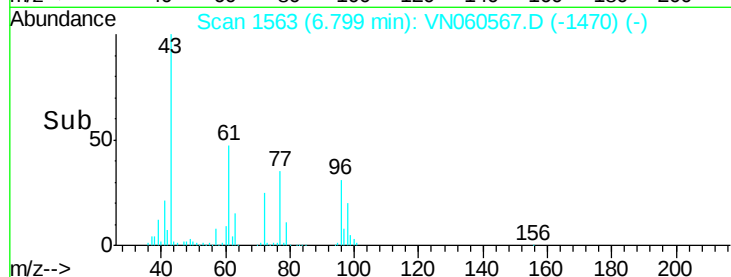
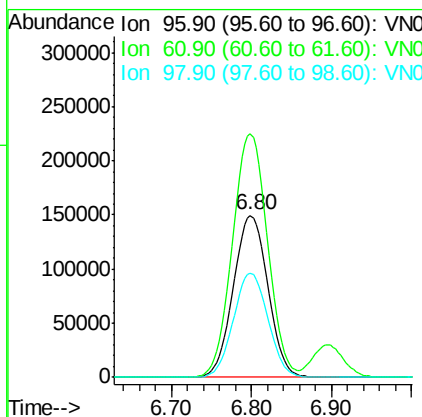
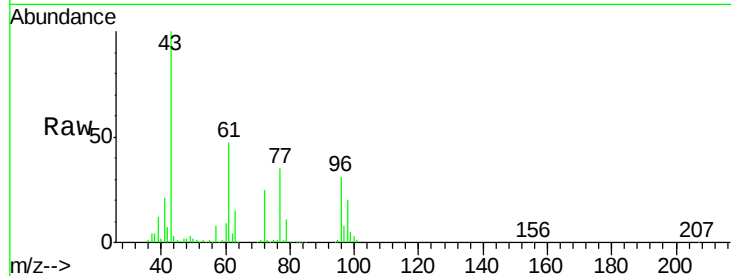
ClientSampleId :

VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 437359 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 152.6 | 0.0   | 305.6  |
| 98       | 64.5  | 0.0   | 127.6  |

Manual Integrations  
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#28

Bromochloromethane

Concen: 179.472 ug/l

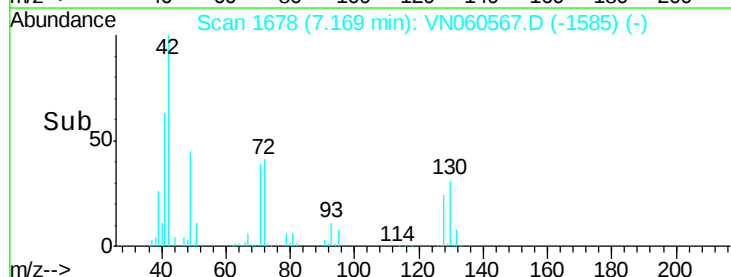
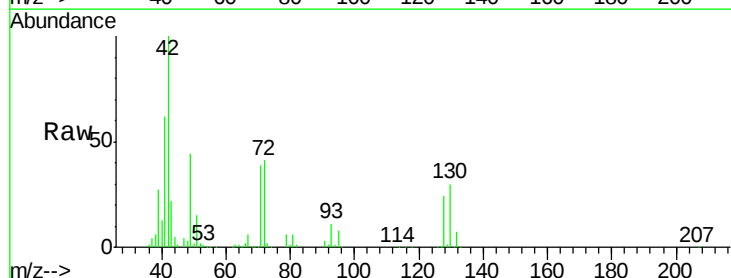
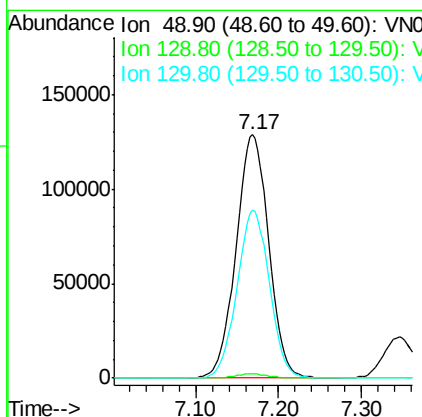
RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 352274 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 1.7   | 0.0   | 3.4    |
| 130      | 68.6  | 55.0  | 82.4   |





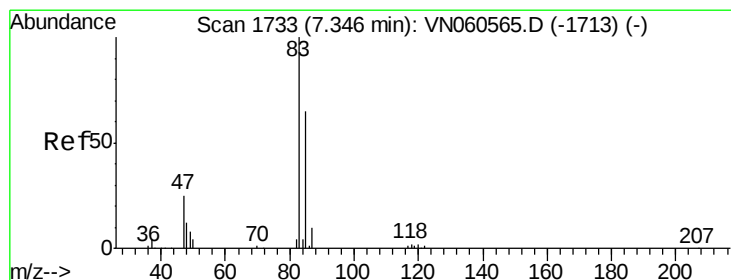
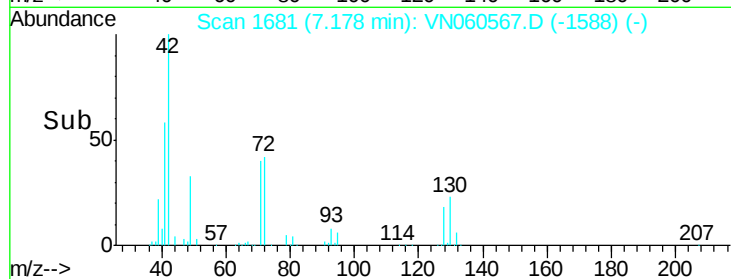
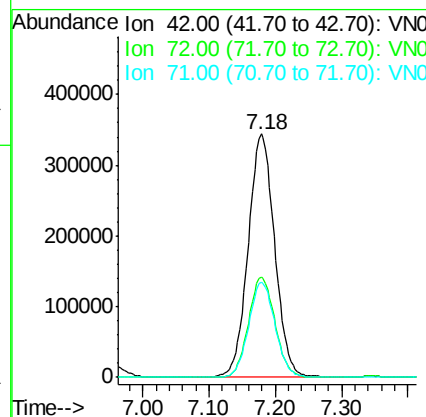
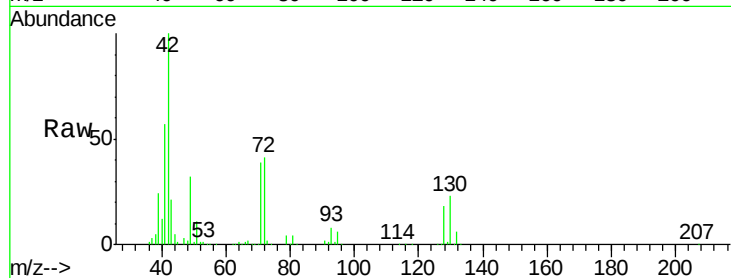
#29  
Tetrahydrofuran  
Concen: 895.842 ug/l  
RT: 7.18 min Scan# 1681  
Delta R.T. -0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 41.0  | 33.2  | 49.8  |
| 71      | 38.9  | 31.1  | 46.7  |

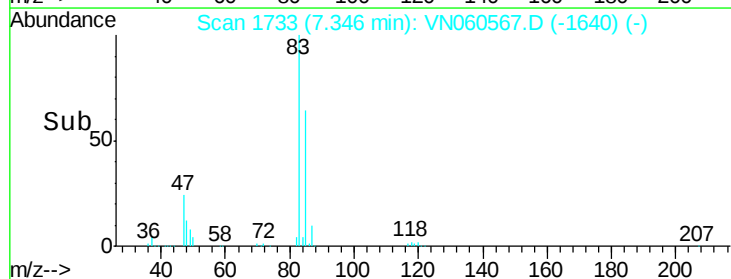
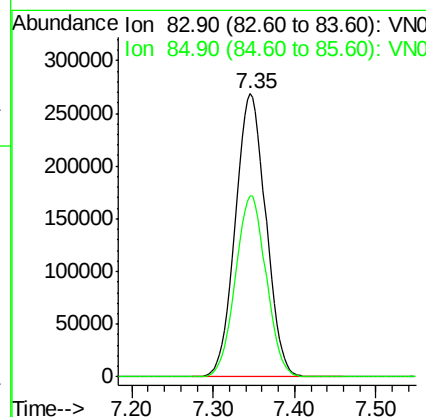
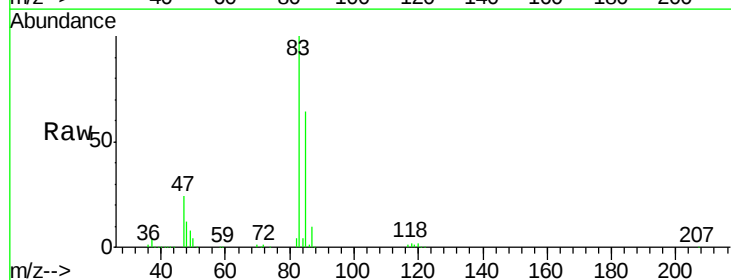
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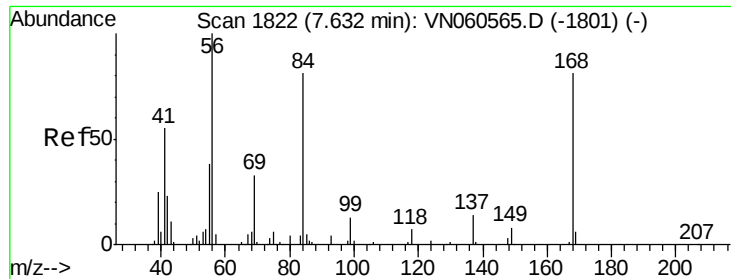
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#30  
Chloroform  
Concen: 154.393 ug/l  
RT: 7.35 min Scan# 1733  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.9  | 51.8  | 77.8  |





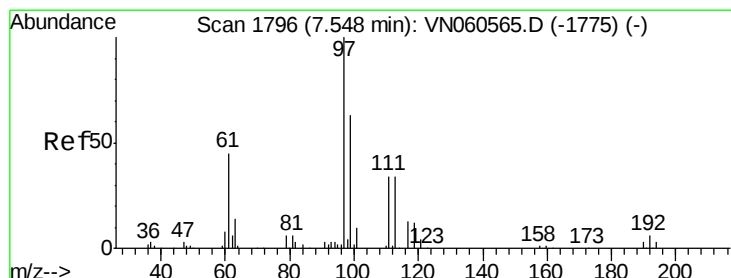
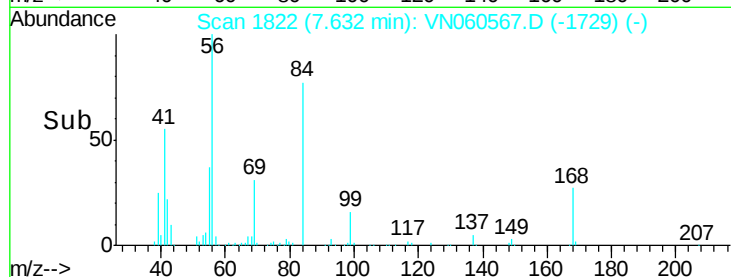
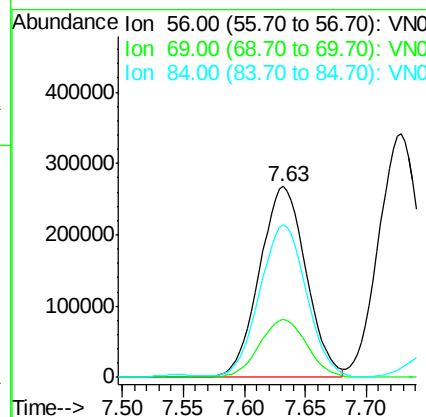
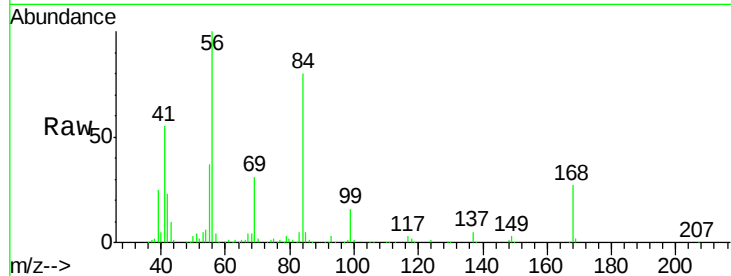
#31  
Cyclohexane  
Concen: 163.379 ug/l  
RT: 7.63 min Scan# 1822  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 30.5  | 26.6  | 40.0  |
| 84      | 79.3  | 64.3  | 96.5  |

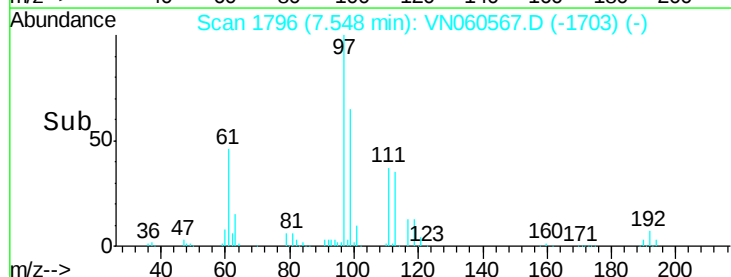
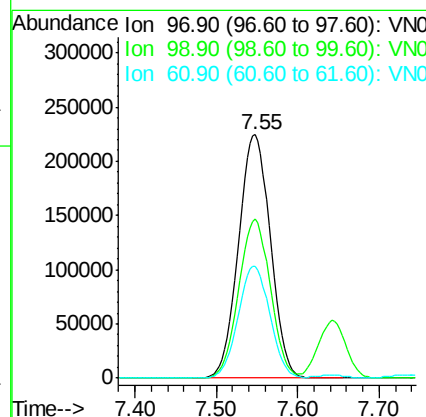
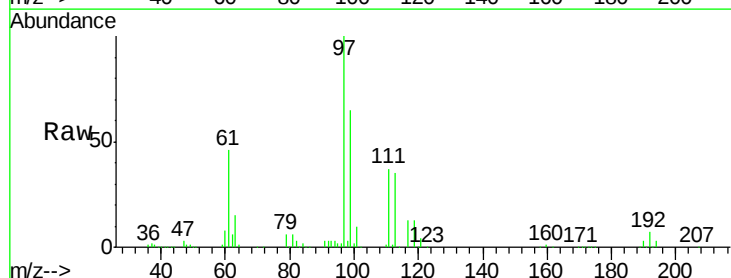
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#32  
1,1,1-Trichloroethane  
Concen: 151.751 ug/l  
RT: 7.55 min Scan# 1796  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.8  | 50.6  | 75.8  |
| 61      | 45.7  | 36.2  | 54.4  |





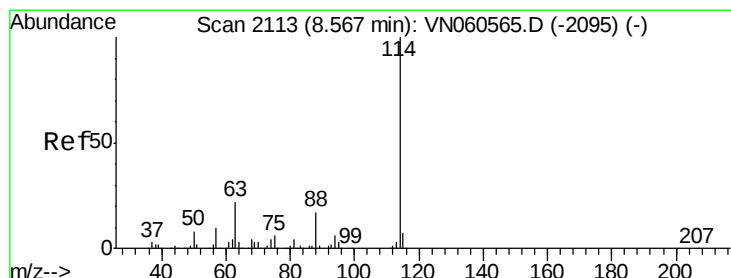
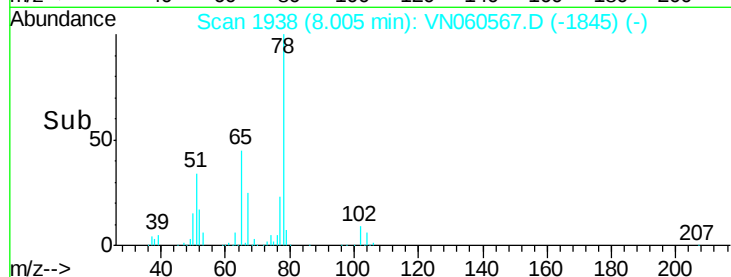
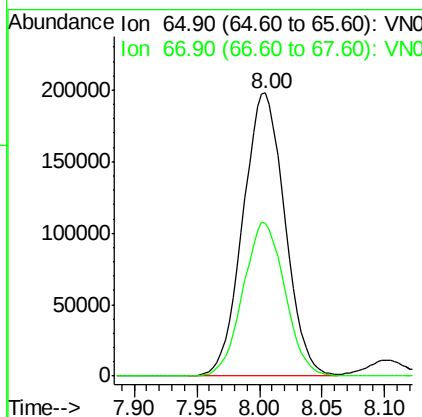
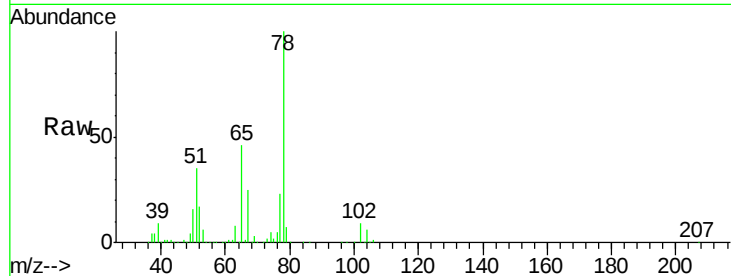
#33  
 1,2-Dichloroethane-d4  
 Concen: 157.969 ug/l  
 RT: 8.00 min Scan# 1938  
 Delta R.T. -0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 460995 |       |       |
| 67      | 54.1  | 0.0    | 107.6 |       |

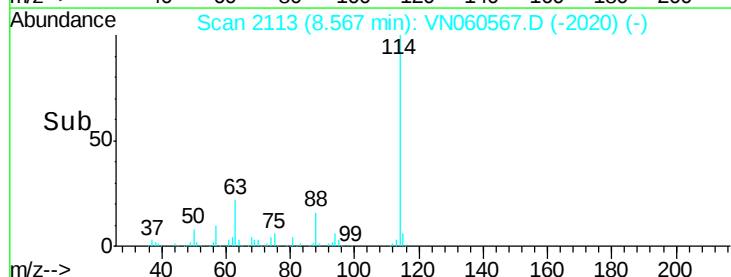
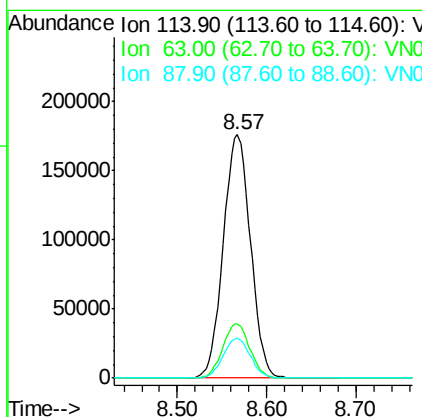
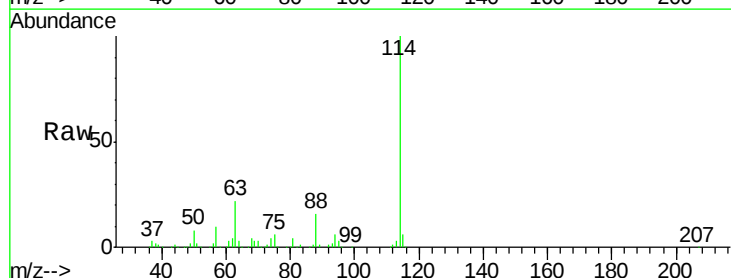
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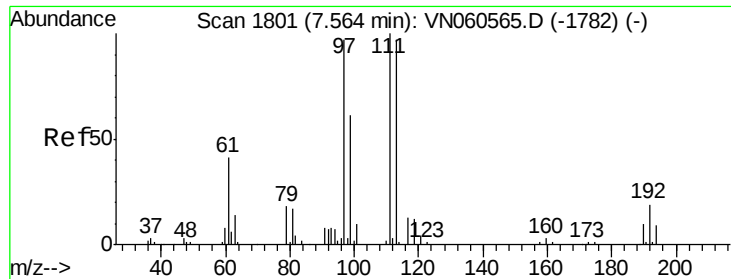
MMDadoda  
 3/18/2020 7:00:46 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 371605 |       |       |
| 63      | 22.2  | 0.0    | 43.8  |       |
| 88      | 16.2  | 0.0    | 33.0  |       |





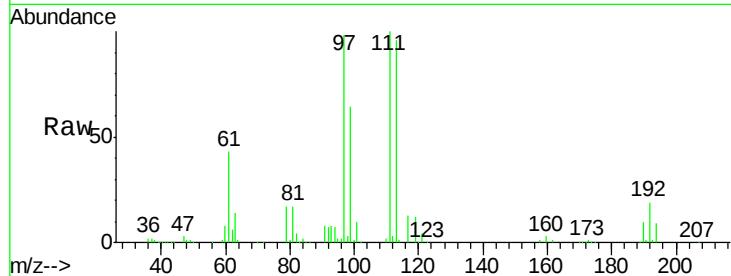
#35  
 Dibromofluoromethane  
 Concen: 189.555 ug/l  
 RT: 7.56 min Scan# 1801  
 Delta R.T. -0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

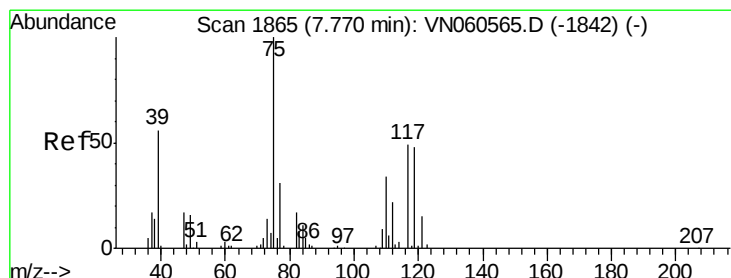
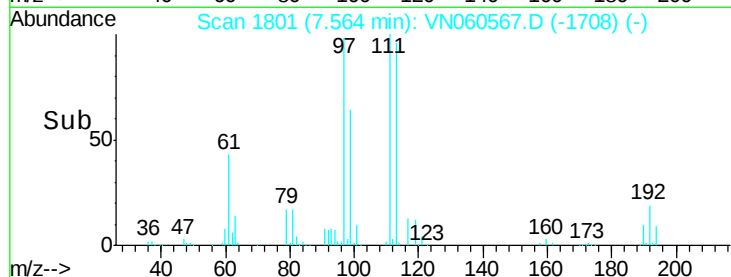
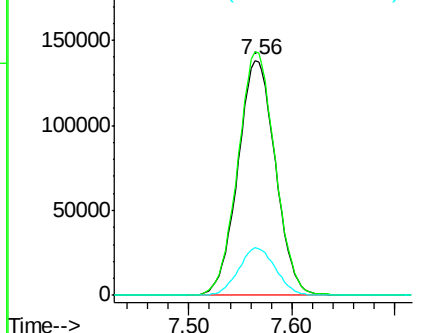
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 349153 |       |       |
| 111     | 103.5 | 82.9   | 124.3 |       |
| 192     | 20.1  | 15.8   | 23.8  |       |

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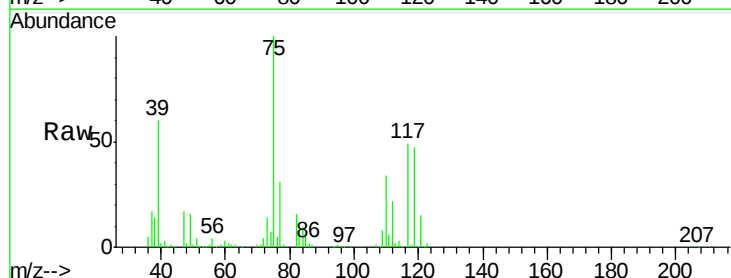


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

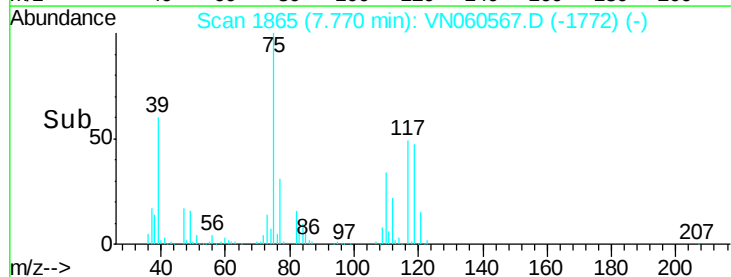
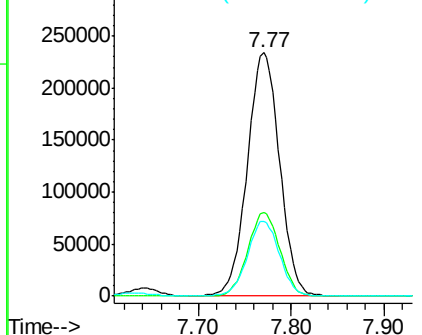


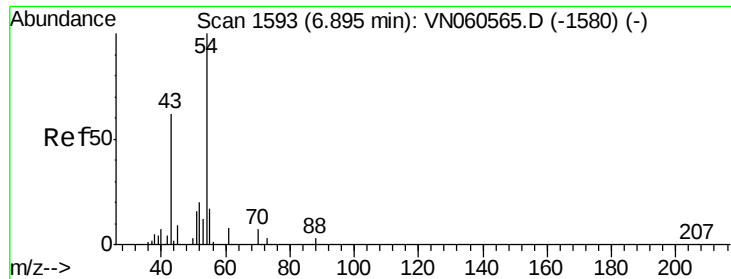
#36  
 1,1-Dichloropropene  
 Concen: 156.243 ug/l  
 RT: 7.77 min Scan# 1865  
 Delta R.T. -0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 563159 |       |       |
| 110     | 34.1  | 16.9   | 50.6  |       |
| 77      | 30.9  | 24.6   | 36.8  |       |



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): V





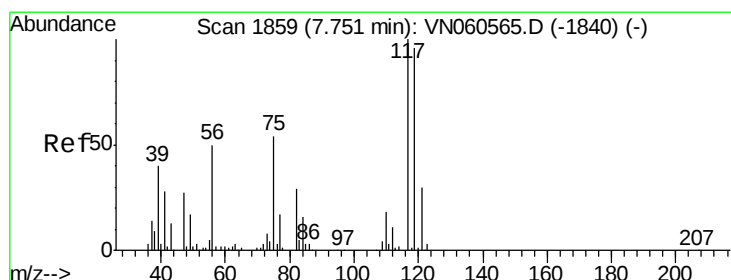
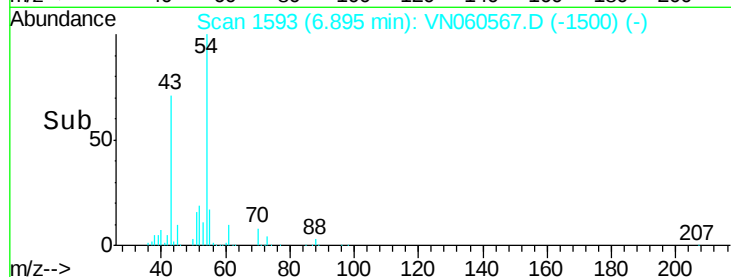
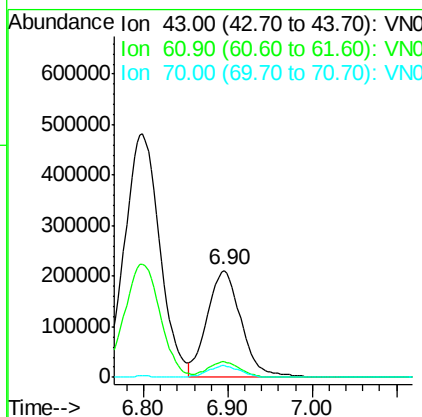
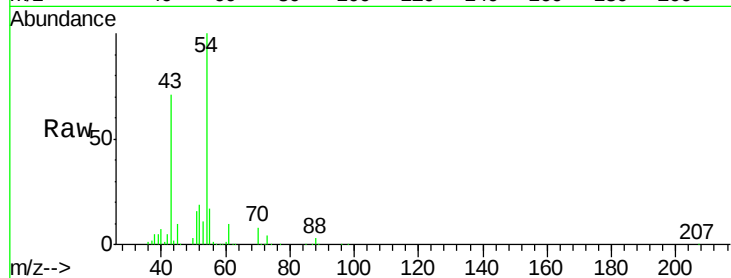
#37  
Ethyl Acetate  
Concen: 172.340 ug/l  
RT: 6.90 min Scan# 1593  
Delta R.T. -0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.1  | 10.6  | 15.8  |
| 70      | 10.3  | 7.9   | 11.9  |

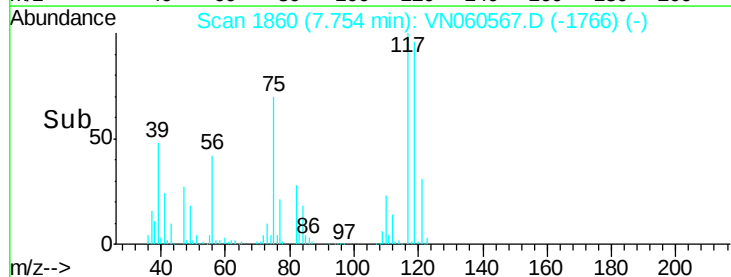
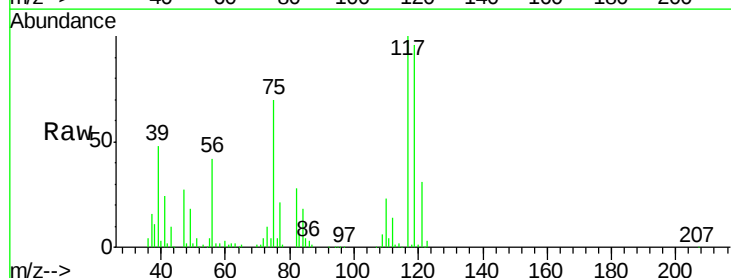
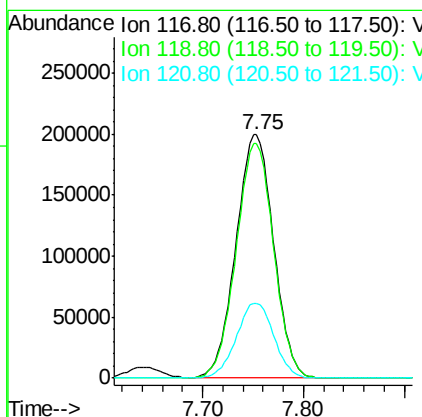
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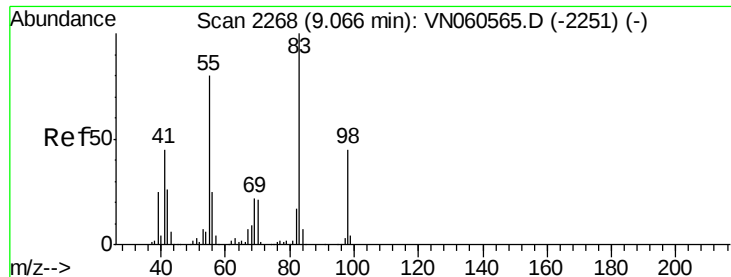
MMDadoda  
3/18/2020 7:00:46 PM



#38  
Carbon Tetrachloride  
Concen: 149.972 ug/l  
RT: 7.75 min Scan# 1860  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.4  | 76.2  | 114.2 |
| 121     | 30.8  | 23.7  | 35.5  |





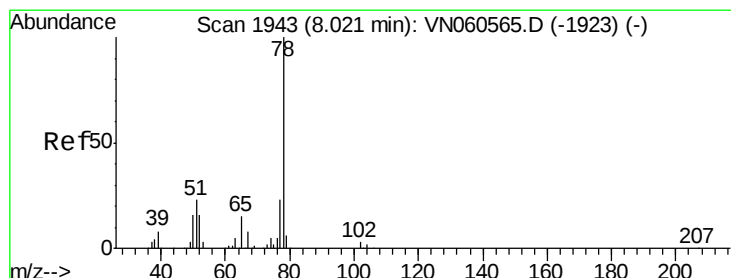
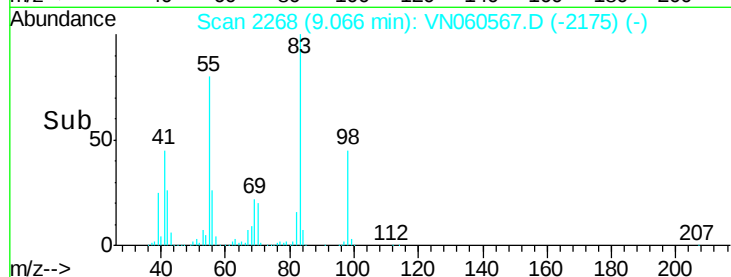
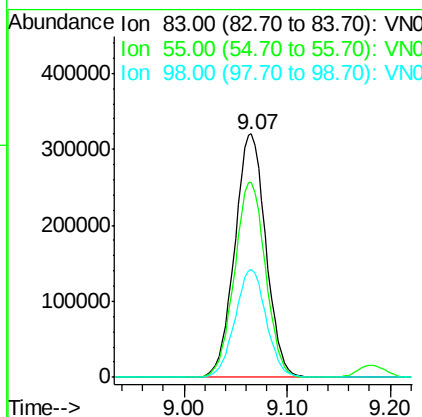
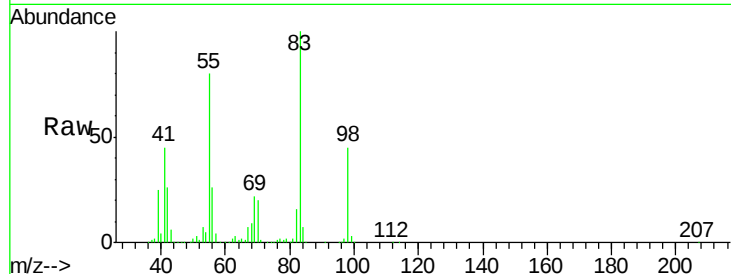
#39  
Methvlcvclohexane  
Concen: 158.032 ug/l  
RT: 9.07 min Scan# 2268  
Delta R.T. -0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 79.9  | 63.6  | 95.4  |
| 98      | 44.6  | 36.0  | 54.0  |

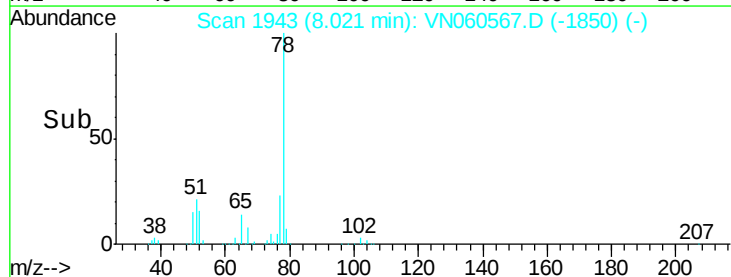
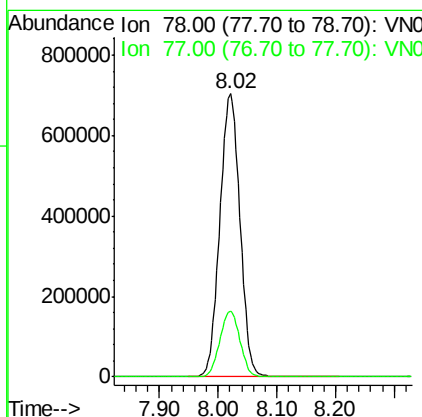
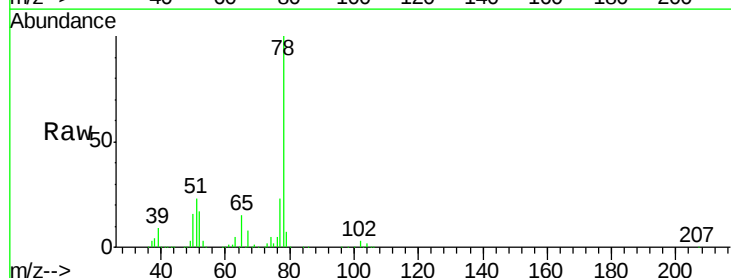
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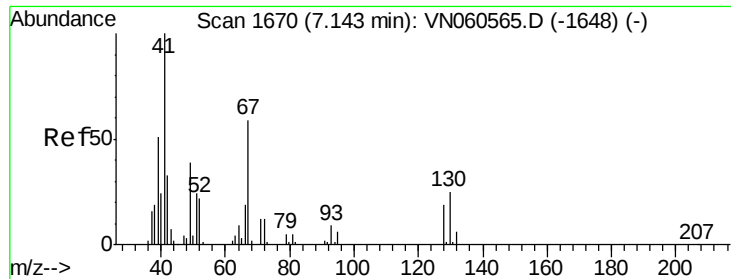
MMDadoda  
3/18/2020 7:00:46 PM



#40  
Benzene  
Concen: 158.308 ug/l  
RT: 8.02 min Scan# 1943  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.3  | 18.6  | 28.0  |





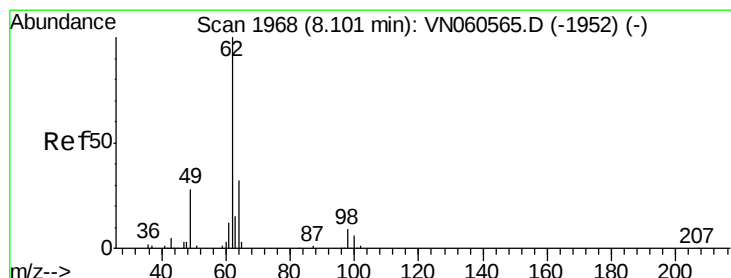
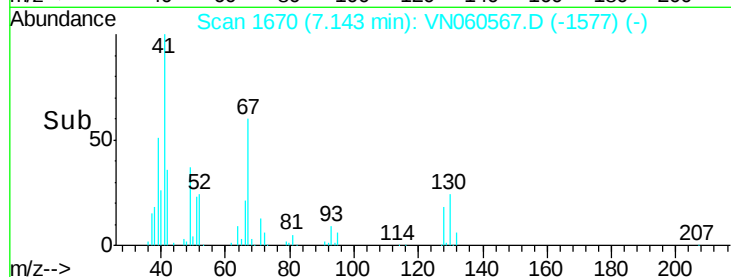
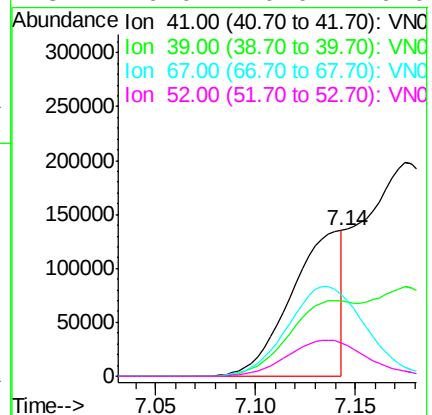
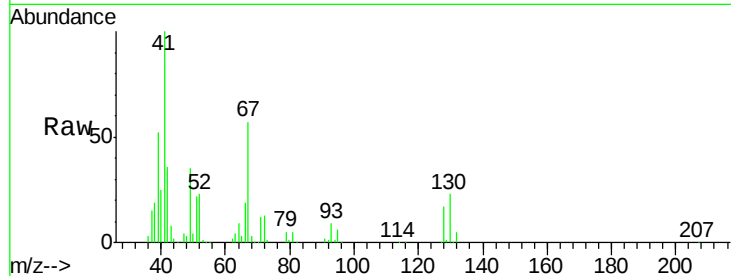
#41  
Methacrylonitrile  
Concen: 153.040 ug/l m  
RT: 7.14 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 41      | 100   | 239117 |       |       |
| 39      | 0.0   | 0.0    | 0.0   | 0.0   |
| 67      | 0.0   | 0.0    | 0.0   | 0.0   |
| 52      | 0.0   | 0.0    | 0.0   | 0.0   |

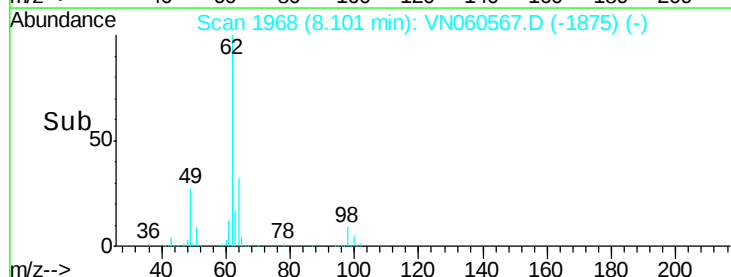
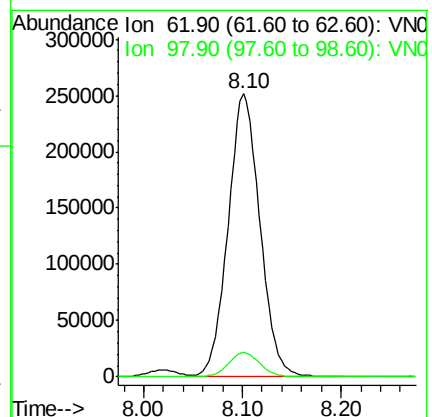
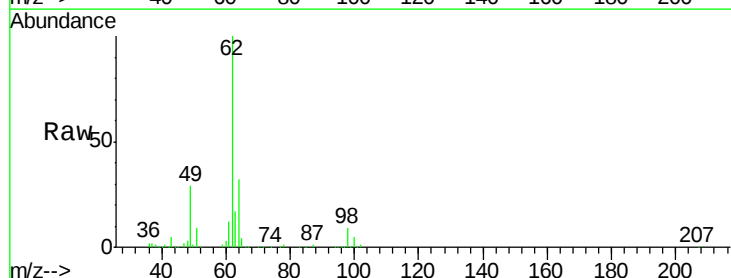
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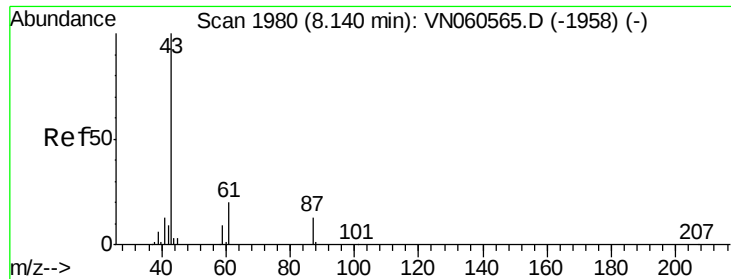
MMDadoda  
3/18/2020 7:00:46 PM



#42  
1,2-Dichloroethane  
Concen: 151.365 ug/l  
RT: 8.10 min Scan# 1968  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 62      | 100   | 565617 |       |       |
| 98      | 8.7   | 0.0    | 0.0   | 17.8  |





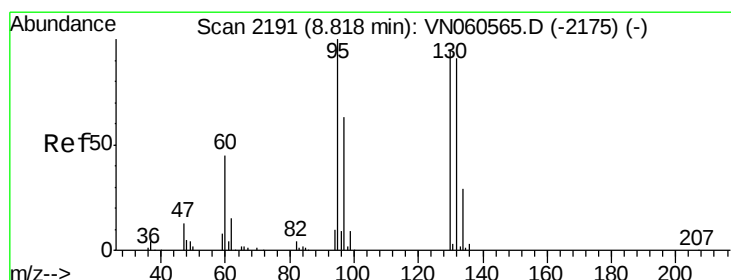
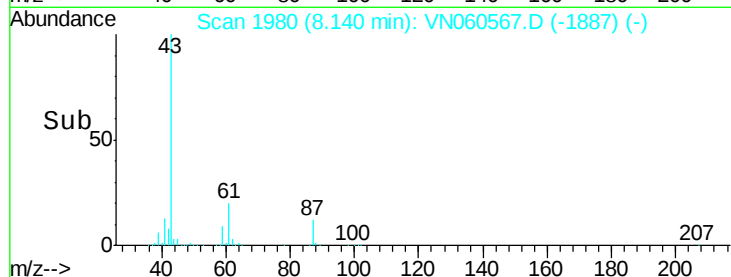
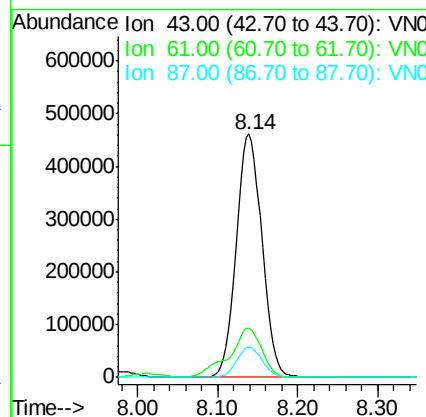
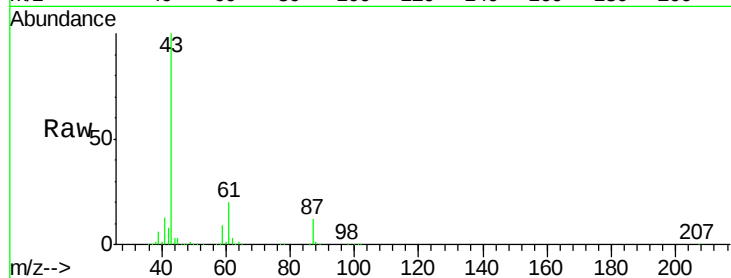
#43  
Isopropyl Acetate  
Concen: 167.762 ug/l  
RT: 8.14 min Scan# 1980  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tot Ion: 43 Resp: 1002939  
Ion Ratio Lower Upper  
43 100  
61 25.8 20.7 31.1  
87 12.3 9.8 14.8

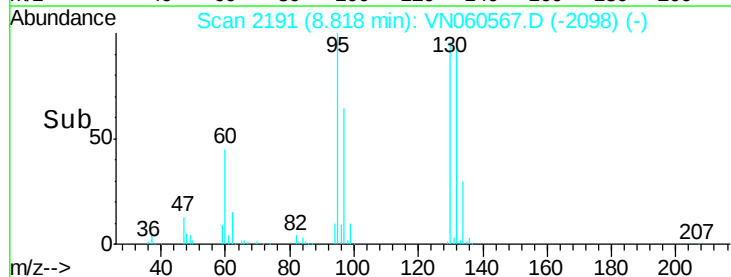
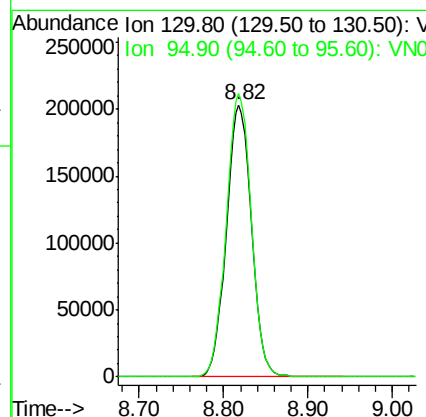
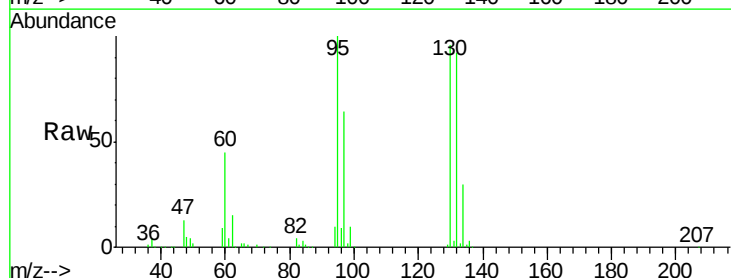
Manual Integrations  
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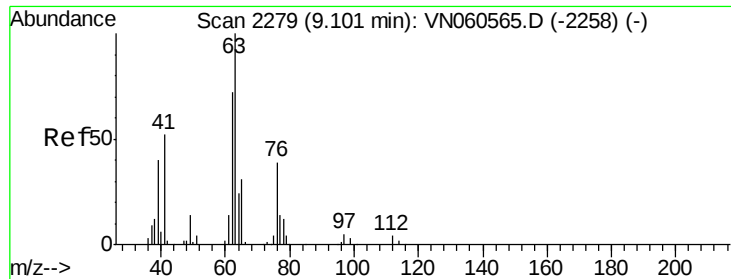
MMDadoda  
3/18/2020 7:00:46 PM



#44  
Trichloroethene  
Concen: 145.435 ug/l  
RT: 8.82 min Scan# 2191  
Delta R.T. -0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Tgt Ion: 130 Resp: 419367  
Ion Ratio Lower Upper  
130 100  
95 103.9 0.0 211.2





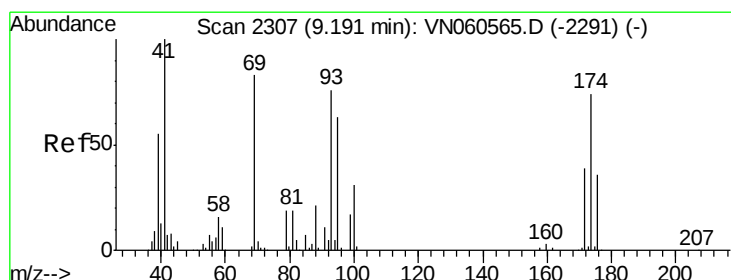
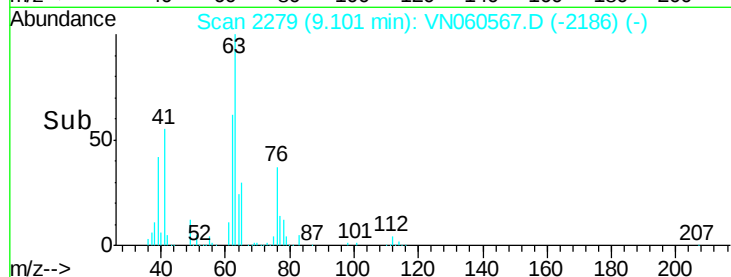
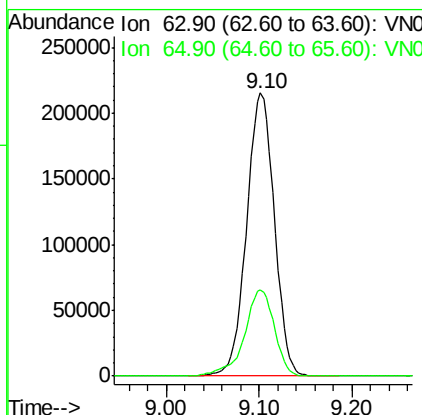
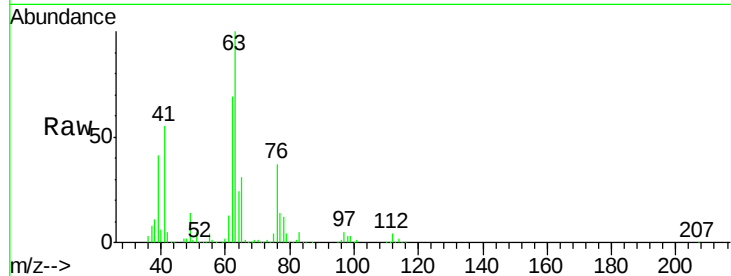
#45  
 1,2-Dichloropropane  
 Concen: 163.602 ug/l  
 RT: 9.10 min Scan# 2279  
 Delta R.T. -0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.6  | 25.4  | 38.0  |

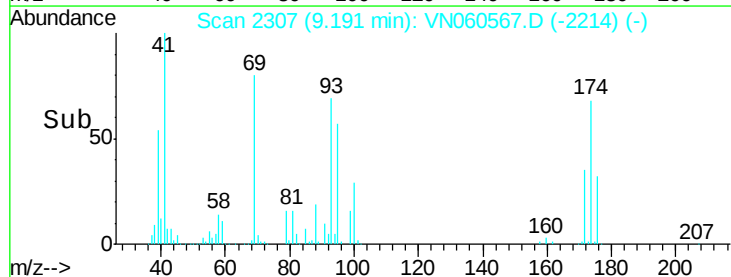
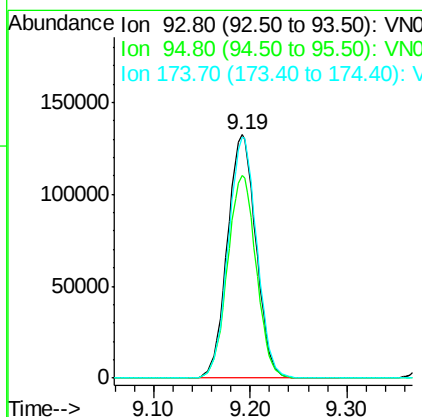
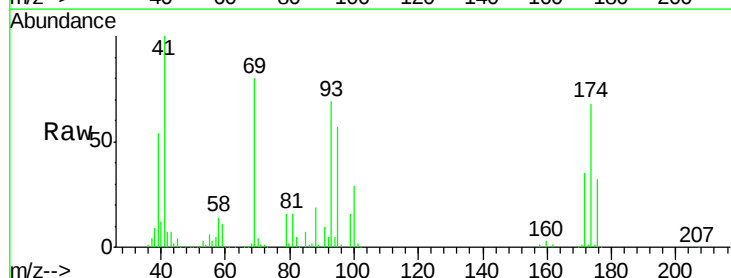
Manual Integrations  
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#46  
 Dibromomethane  
 Concen: 154.575 ug/l  
 RT: 9.19 min Scan# 2307  
 Delta R.T. 0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.2  | 66.2  | 99.4  |
| 174     | 98.2  | 77.9  | 116.9 |





#47

Bromodichloromethane

Concen: 159.560 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

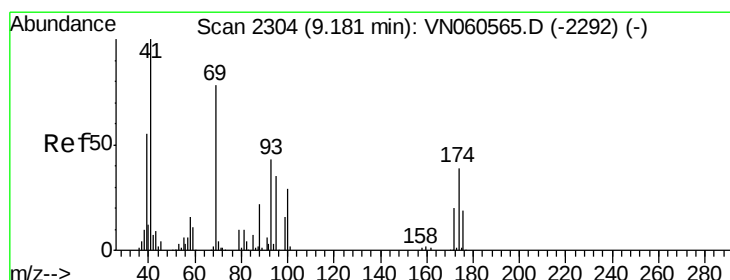
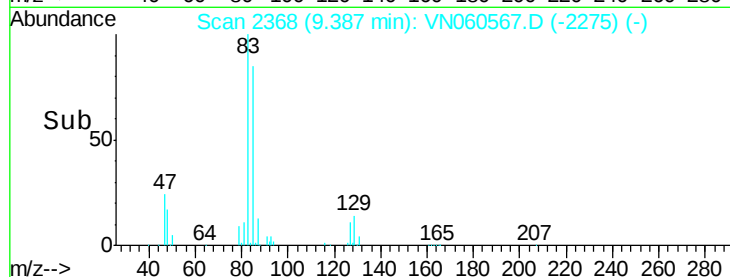
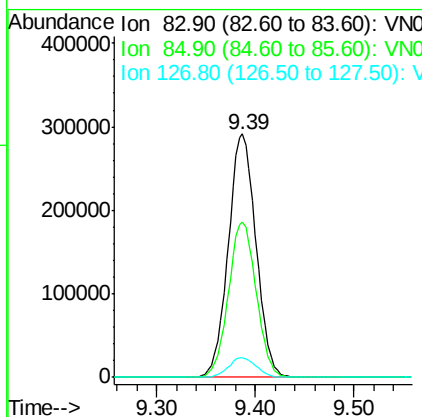
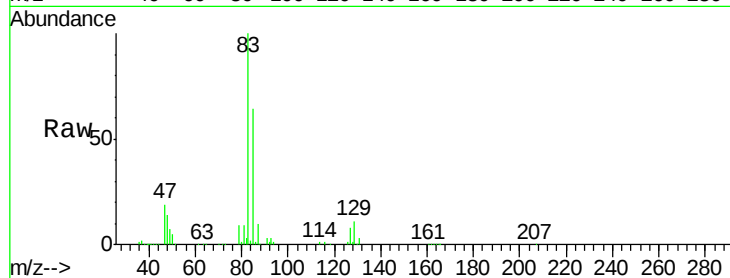
ClientSampleId :

VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 570886 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.0  | 51.8  | 77.6   |
| 127      | 8.2   | 6.5   | 9.7    |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 172.746 ug/l

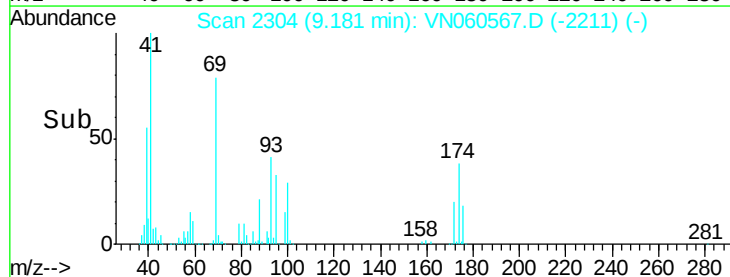
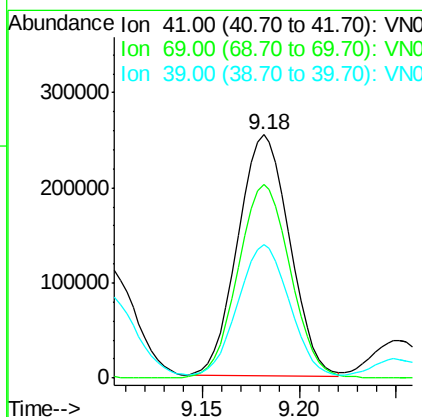
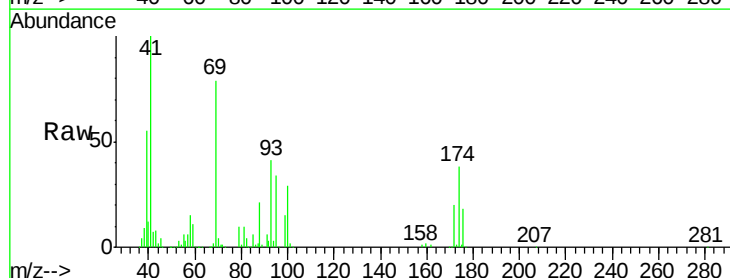
RT: 9.18 min Scan# 2304

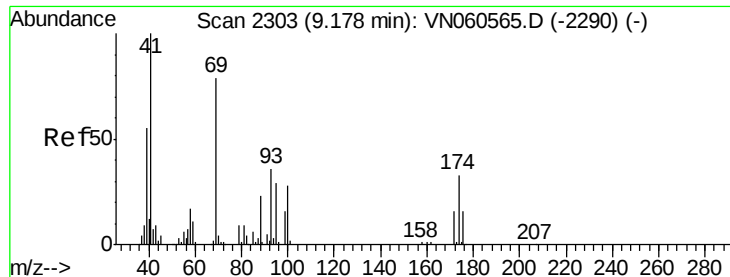
Delta R.T. -0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 470324 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 82.2  | 65.4  | 98.0   |
| 39       | 53.7  | 44.0  | 66.0   |





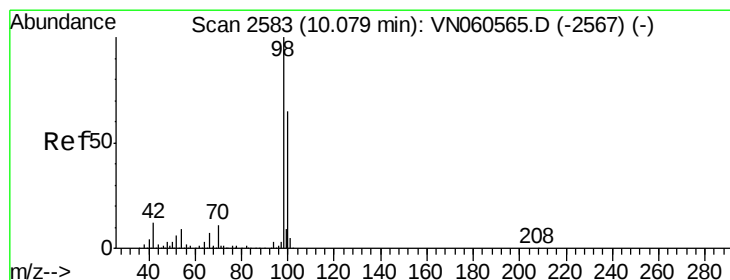
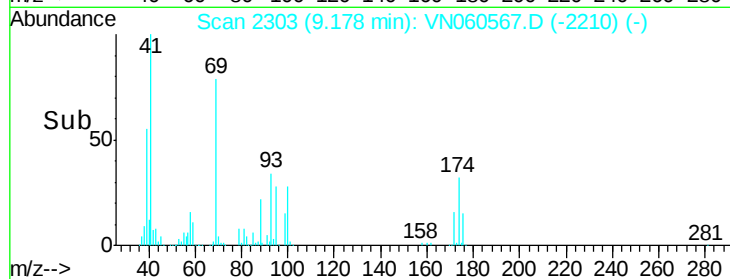
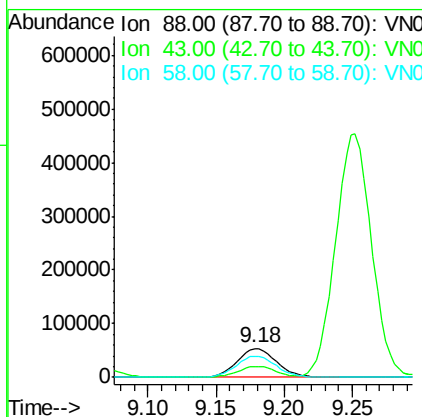
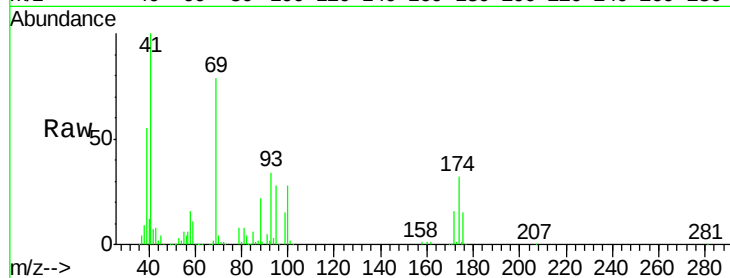
#49  
1,4-Dioxane  
Concen: 2847.337 ug/l  
RT: 9.18 min Scan# 2303  
Delta R.T. -0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150

| Tot Ion | 88    | Resp  | 107479 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 88      | 100   |       |        |
| 43      | 36.4  | 30.8  | 46.2   |
| 58      | 75.0  | 59.8  | 89.8   |

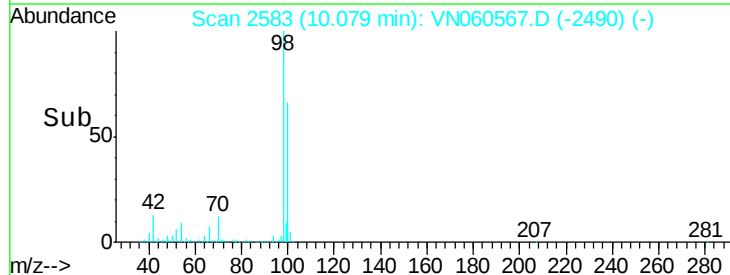
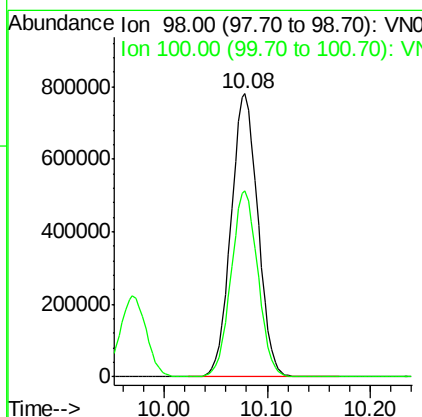
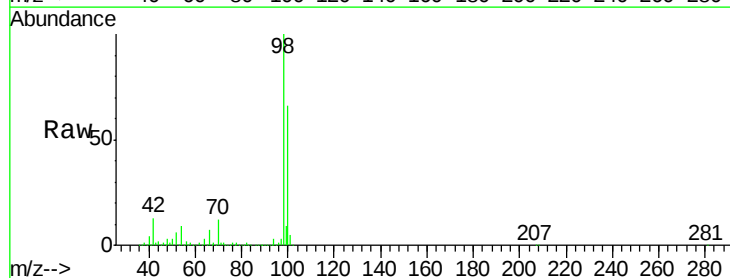
Manual Integrations  
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#50  
Toluene-d8  
Concen: 158.089 ug/l  
RT: 10.08 min Scan# 2583  
Delta R.T. -0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

| Tgt Ion | 98    | Resp  | 1416192 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 98      | 100   |       |         |
| 100     | 65.6  | 51.8  | 77.8    |





#51

4-Methyl-2-Pentanone

Concen: 832.110 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2826200

Ion Ratio Lower Upper

43 100

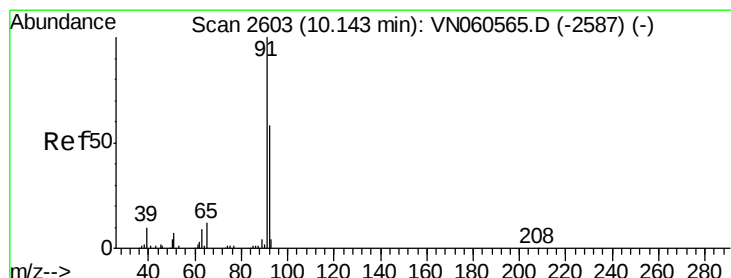
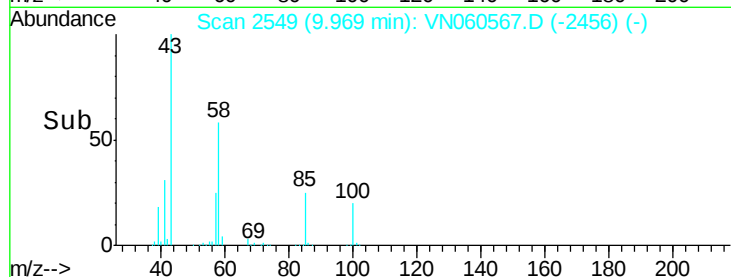
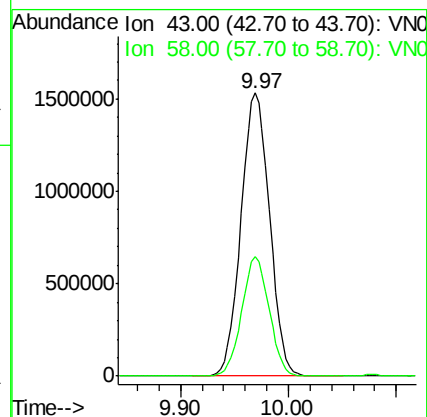
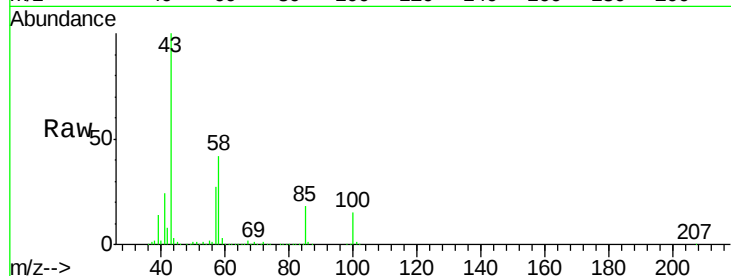
58 40.5 30.8 46.2

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#52

Toluene

Concen: 156.454 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060567.D

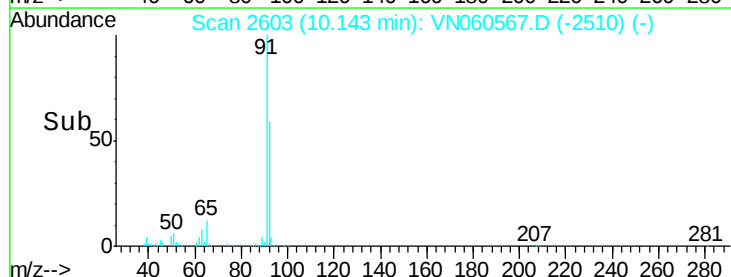
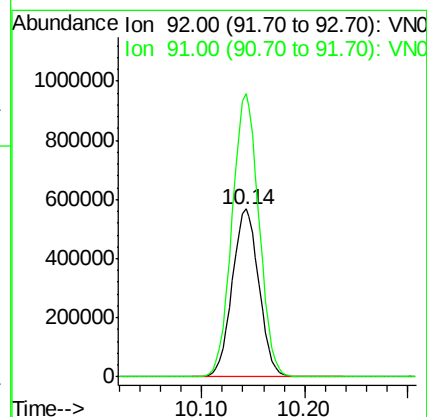
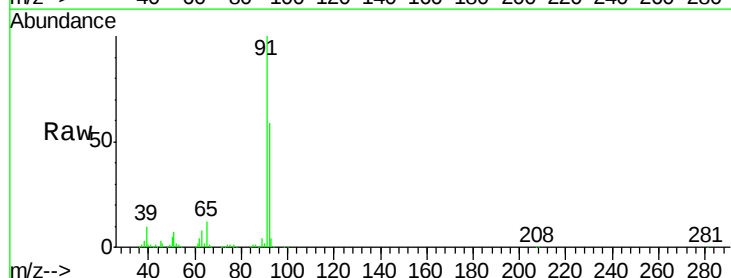
Acq: 17 Mar 2020 19:58

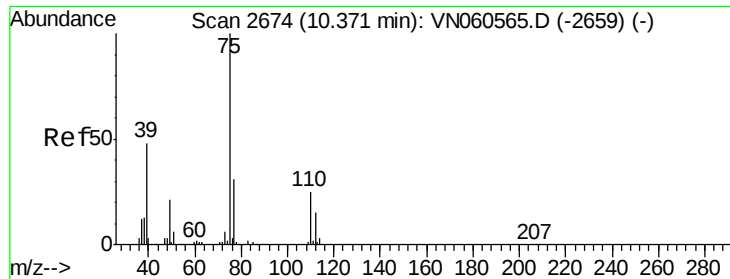
Tgt Ion: 92 Resp: 1023419

Ion Ratio Lower Upper

92 100

91 169.7 137.6 206.4





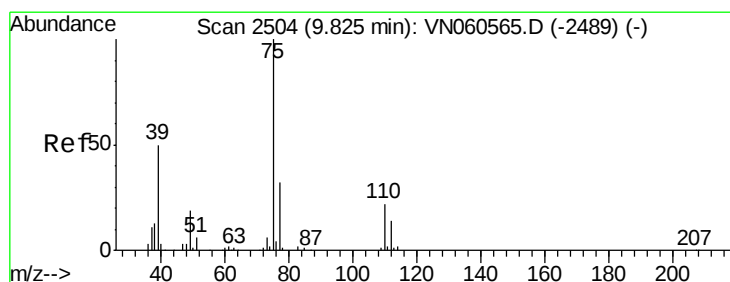
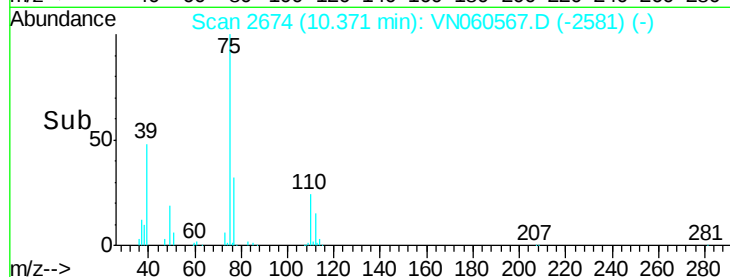
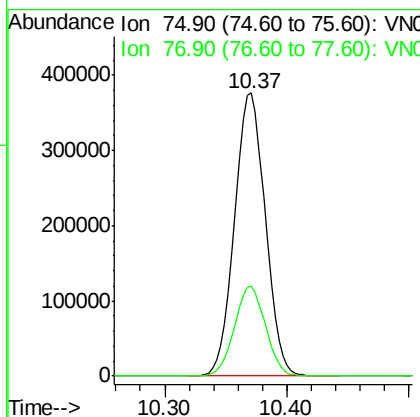
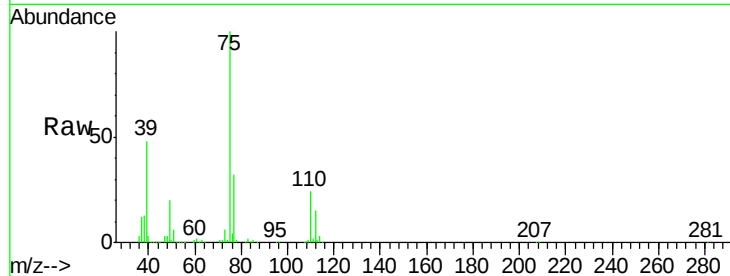
#53  
t-1,3-Dichloropropene  
Concen: 150.481 ug/l  
RT: 10.37 min Scan# 2674  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.6  | 25.1  | 37.7  |

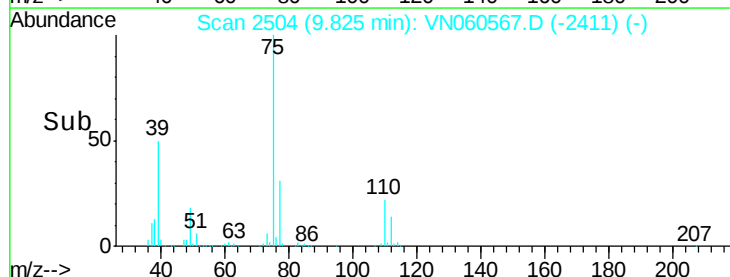
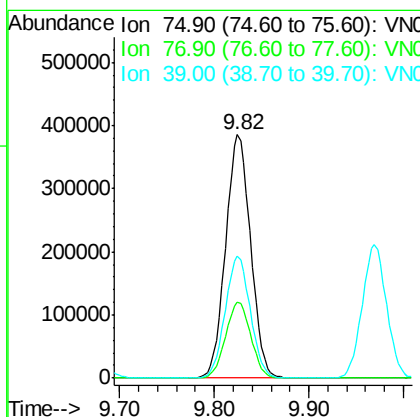
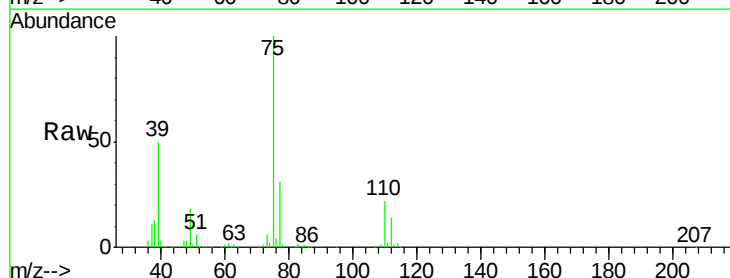
Manual Integrations  
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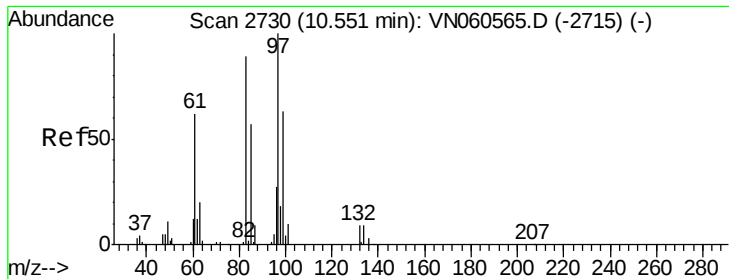
MMDadoda  
3/18/2020 7:00:46 PM



#54  
cis-1,3-Dichloropropene  
Concen: 155.559 ug/l  
RT: 9.82 min Scan# 2504  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.1  | 25.4  | 38.0  |
| 39      | 50.0  | 40.2  | 60.4  |





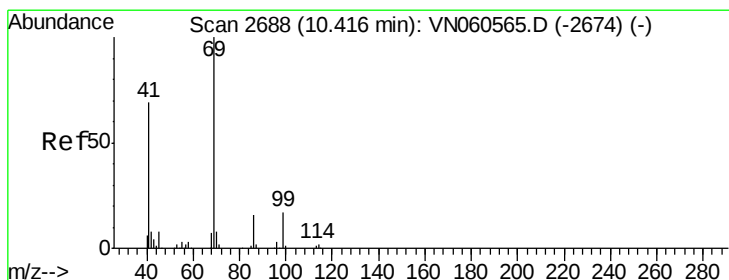
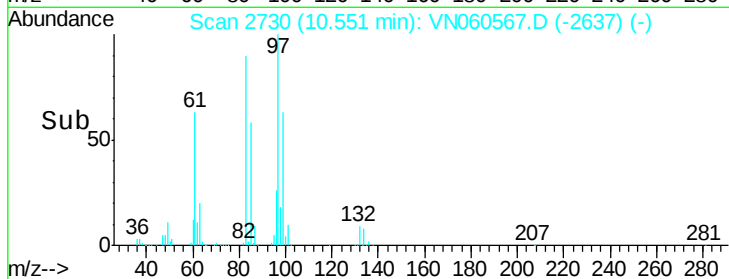
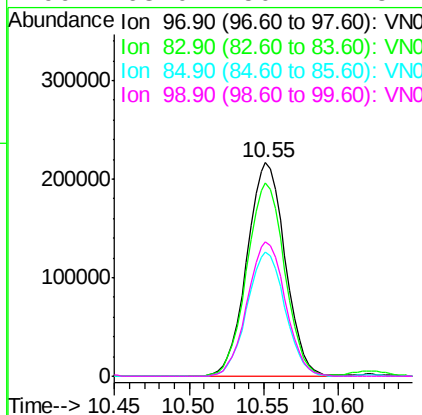
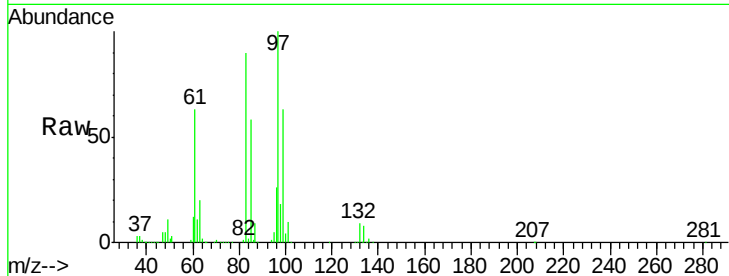
#55  
 1,1,2-Trichloroethane  
 Concen: 147.206 ug/l  
 RT: 10.55 min Scan# 2730  
 Delta R.T. -0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 385224 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 90.2  | 71.3  | 106.9  |
| 85       | 57.9  | 45.2  | 67.8   |
| 99       | 63.0  | 50.1  | 75.1   |

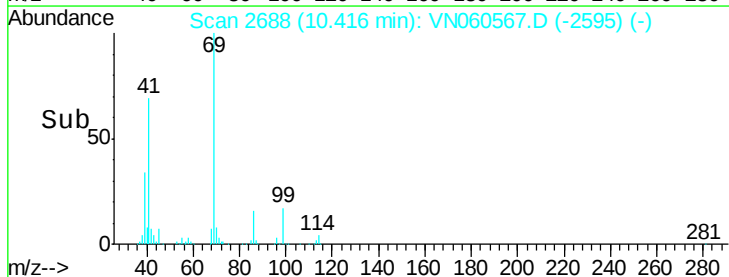
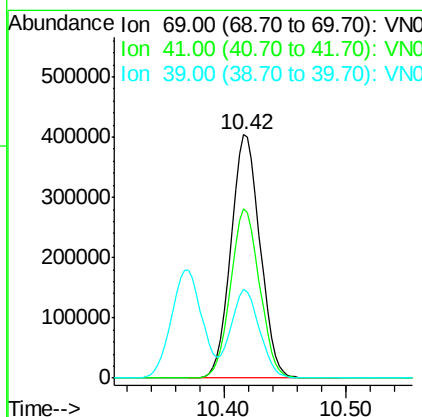
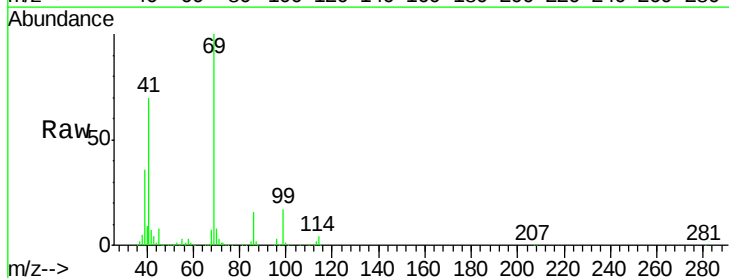
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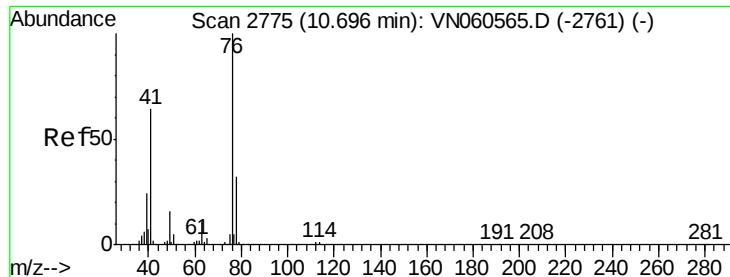
MMDadoda  
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#56  
 Ethyl methacrylate  
 Concen: 177.014 ug/l  
 RT: 10.42 min Scan# 2688  
 Delta R.T. 0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 671730 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 69.0  | 55.4  | 83.2   |
| 39       | 36.1  | 29.4  | 44.0   |





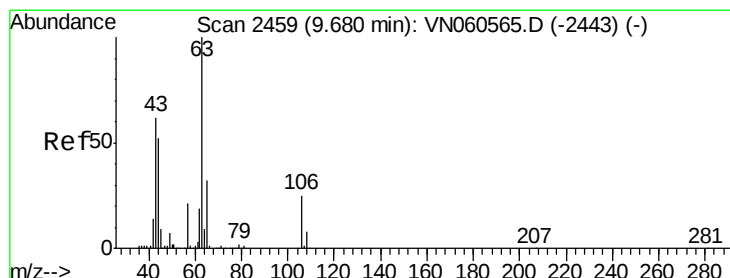
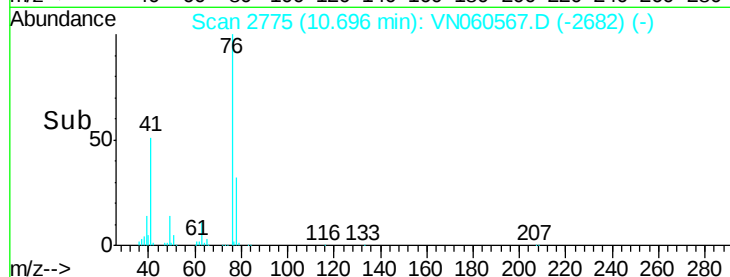
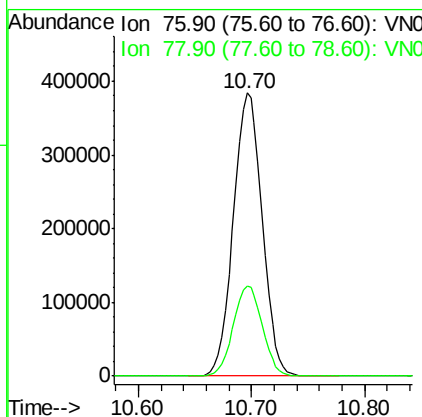
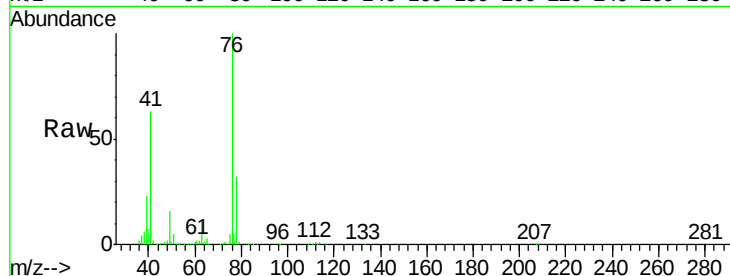
#57  
 1,3-Dichloropropane  
 Concen: 158.862 ug/l  
 RT: 10.70 min Scan# 2775  
 Delta R.T. 0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.1  | 25.8  | 38.6  |

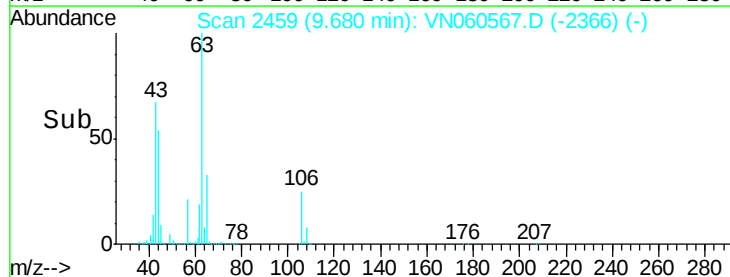
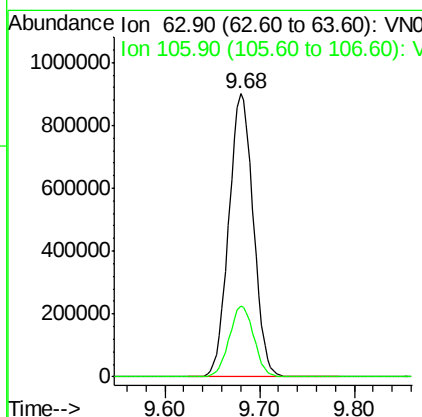
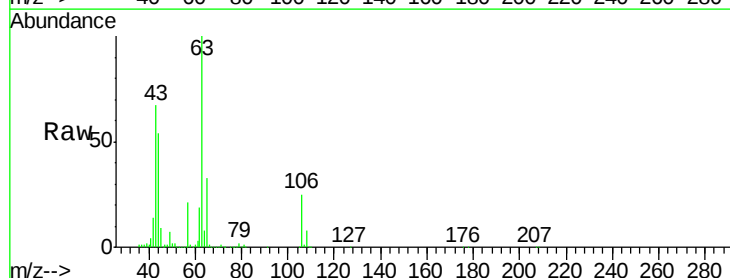
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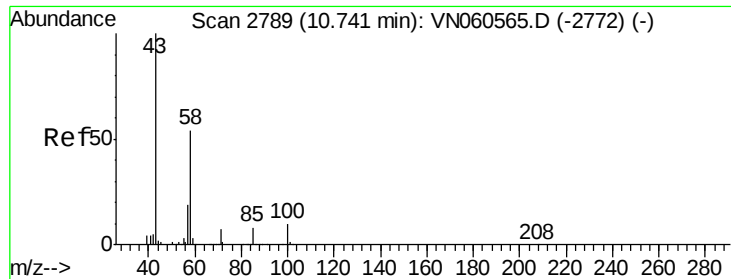
MMDadoda  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 819.677 ug/l  
 RT: 9.68 min Scan# 2459  
 Delta R.T. -0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 25.1  | 20.0  | 30.0  |





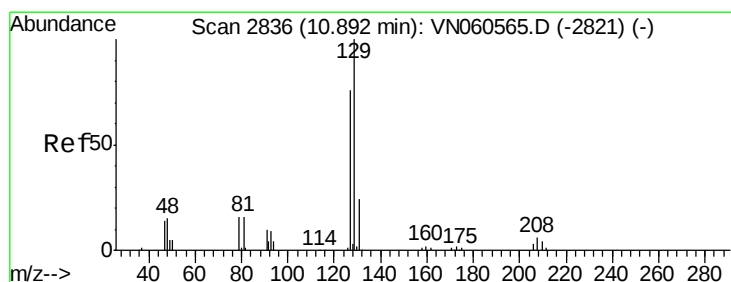
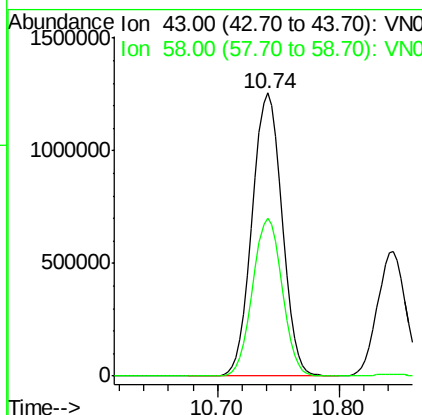
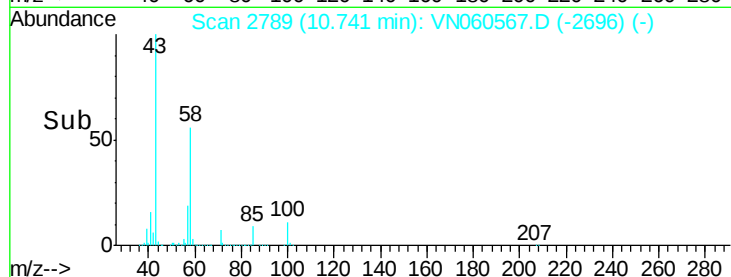
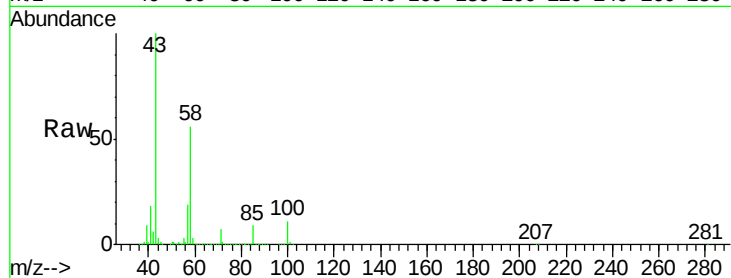
#59  
2-Hexanone  
Concen: 851.577 ug/l  
RT: 10.74 min Scan# 2789  
Delta R.T. -0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tot Ion: 43 Resp: 2121382  
Ion Ratio Lower Upper  
43 100  
58 55.2 26.7 80.1

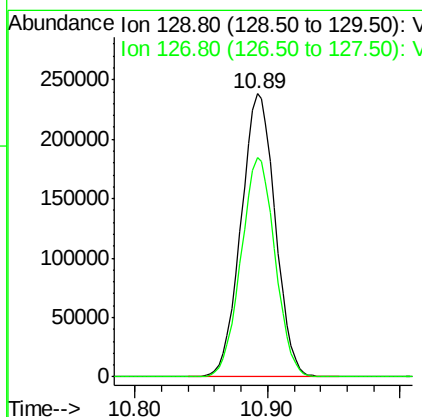
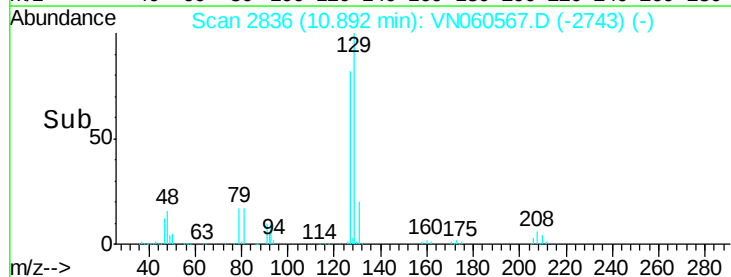
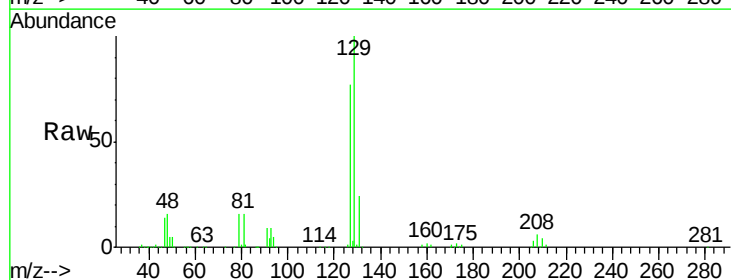
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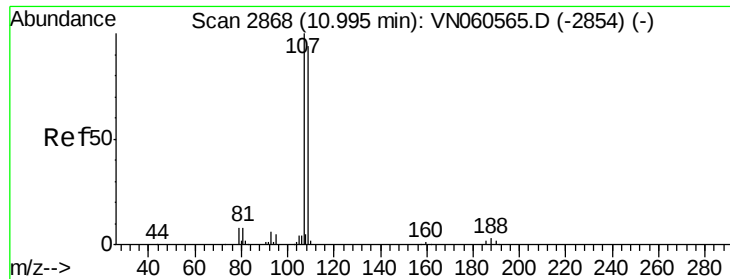
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#60  
Dibromochloromethane  
Concen: 159.954 ug/l  
RT: 10.89 min Scan# 2836  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Tgt Ion: 129 Resp: 425532  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.5 115.5





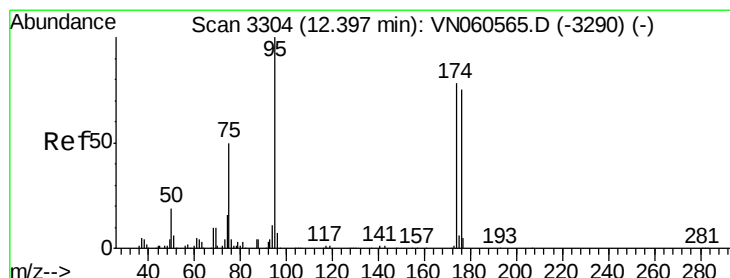
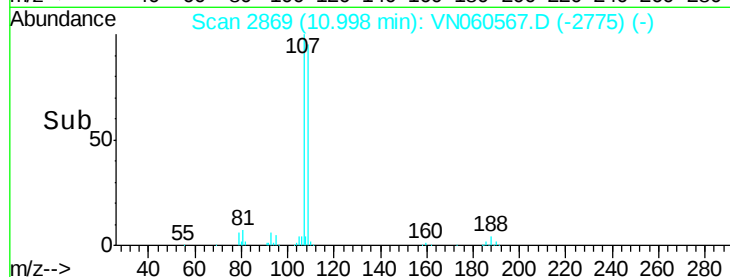
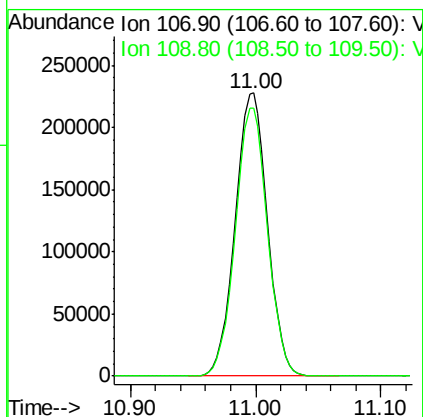
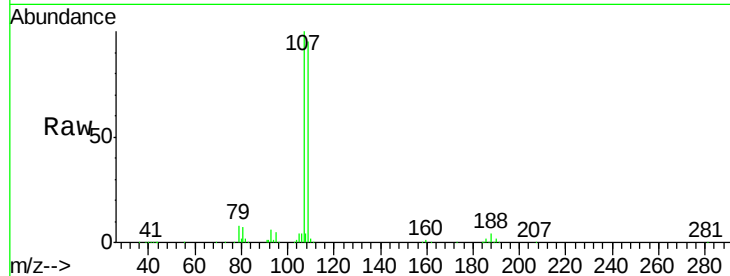
#61  
 1,2-Dibromoethane  
 Concen: 158.645 ug/l  
 RT: 11.00 min Scan# 2869  
 Delta R.T. 0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.7  | 75.4  | 113.2 |

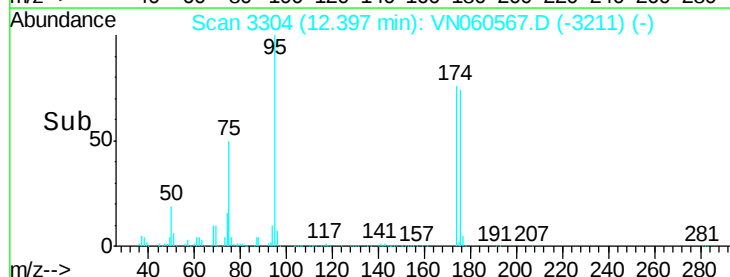
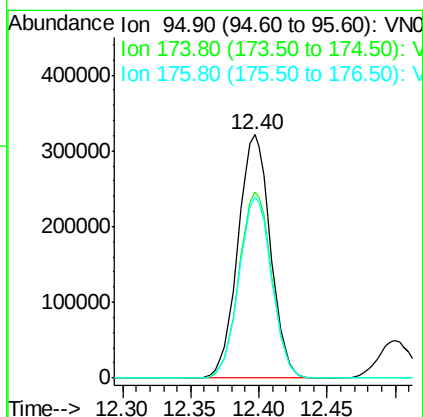
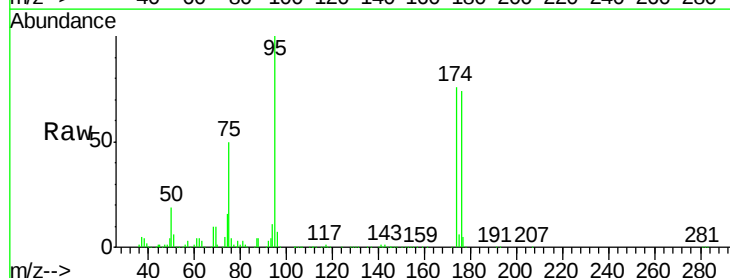
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#62  
 4-Bromofluorobenzene  
 Concen: 157.958 ug/l  
 RT: 12.40 min Scan# 3304  
 Delta R.T. -0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 77.1  | 0.0   | 157.6 |
| 176     | 74.8  | 0.0   | 150.6 |





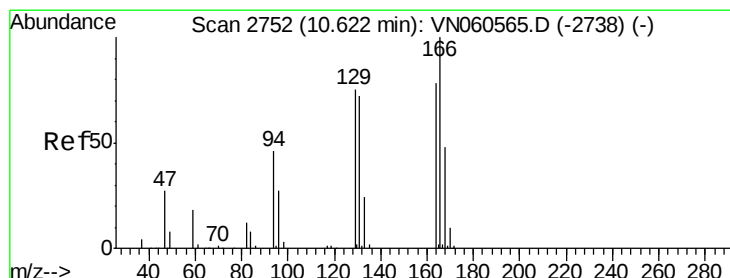
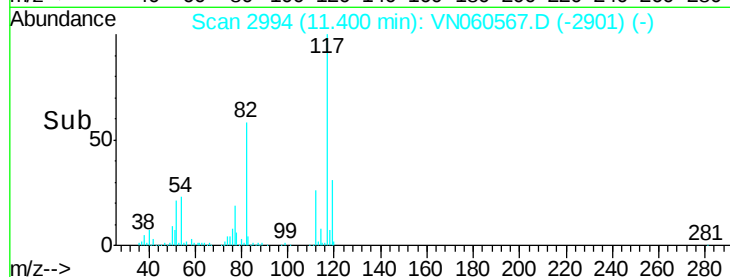
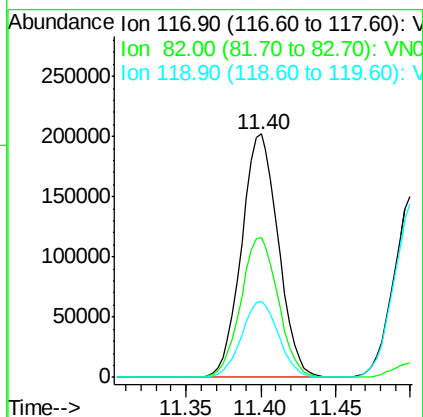
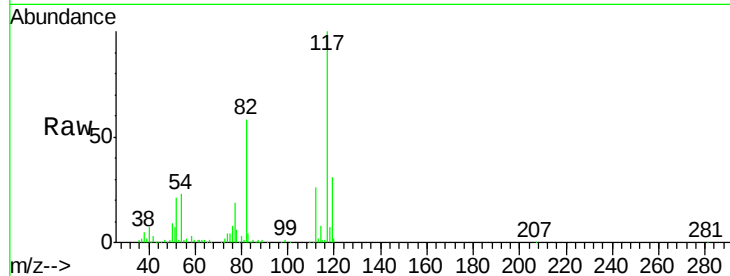
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2994  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 57.5  | 46.7  | 70.1  |
| 119     | 31.4  | 25.5  | 38.3  |

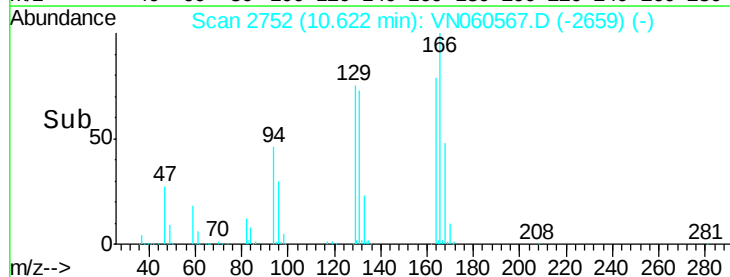
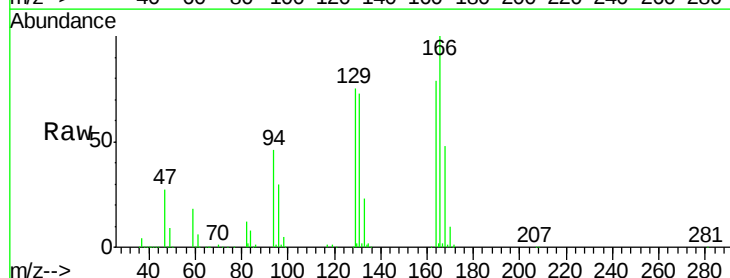
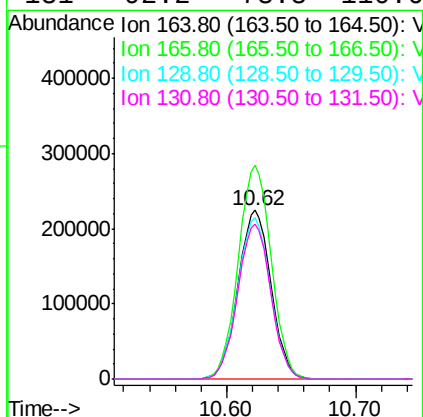
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#64  
Tetrachloroethene  
Concen: 130.510 ug/l  
RT: 10.62 min Scan# 2752  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 126.7 | 102.7 | 154.1 |
| 129     | 95.6  | 77.2  | 115.8 |
| 131     | 92.2  | 73.8  | 110.6 |





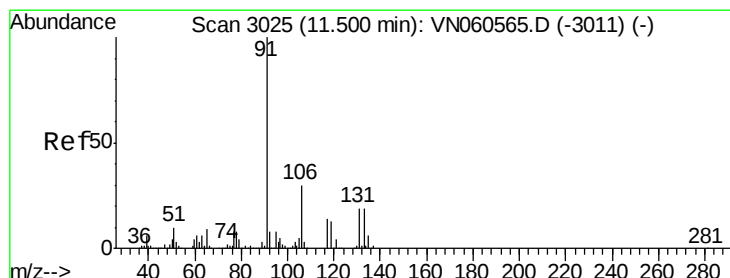
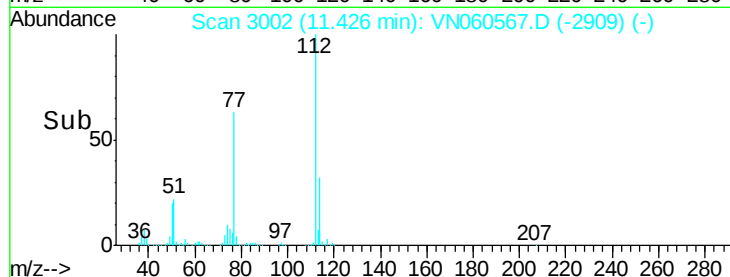
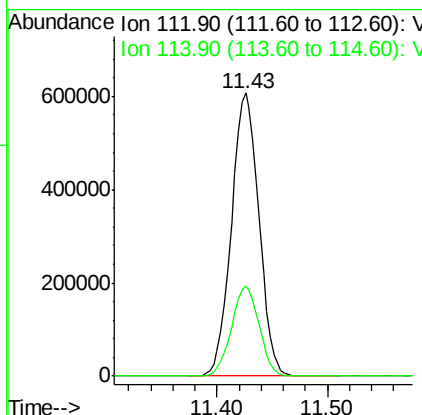
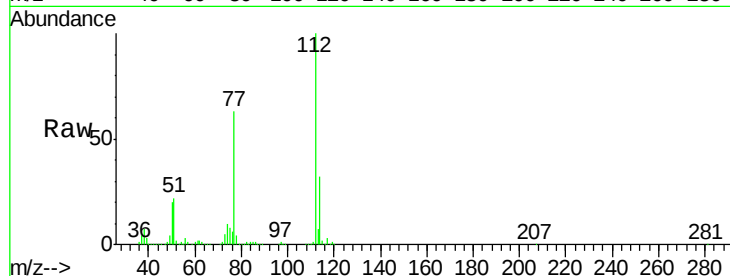
#65  
Chlorobenzene  
Concen: 149.261 ug/l  
RT: 11.43 min Scan# 3002  
Delta R.T. -0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tot Ion:112 Resp: 1045549  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.8 38.6

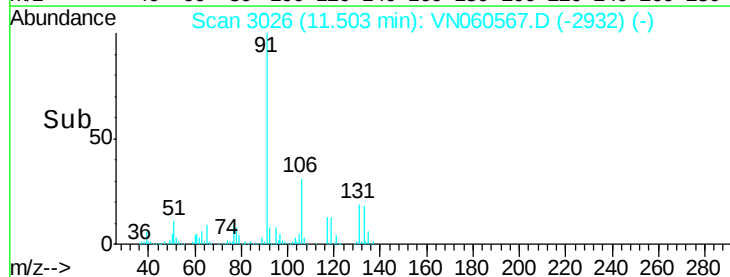
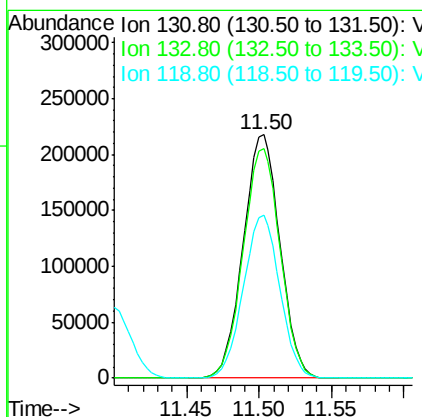
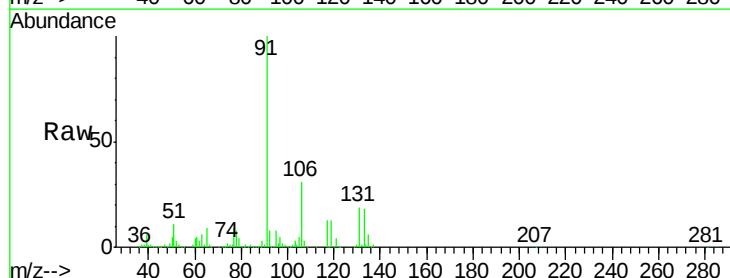
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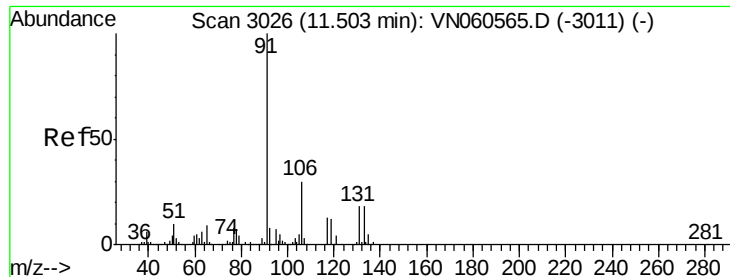
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 149.245 ug/l  
RT: 11.50 min Scan# 3026  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Tgt Ion:131 Resp: 384075  
Ion Ratio Lower Upper  
131 100  
133 95.2 48.9 146.8  
119 66.5 33.9 101.7





#67

Ethyl Benzene

Concen: 151.597 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1942764

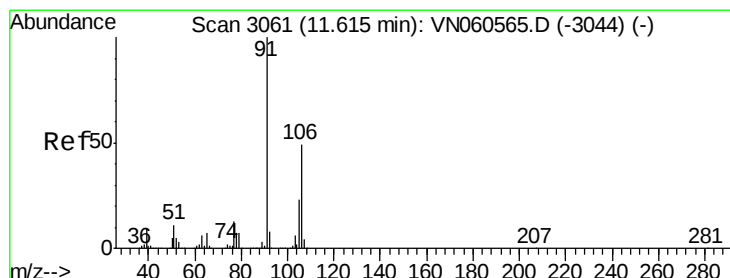
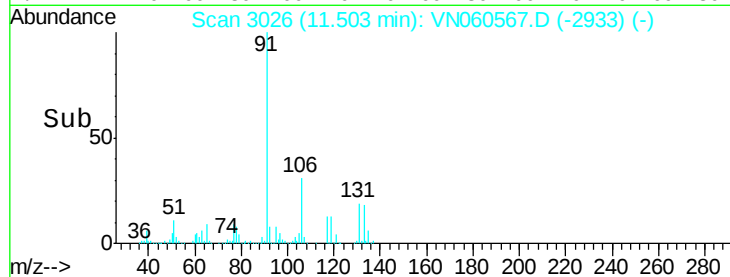
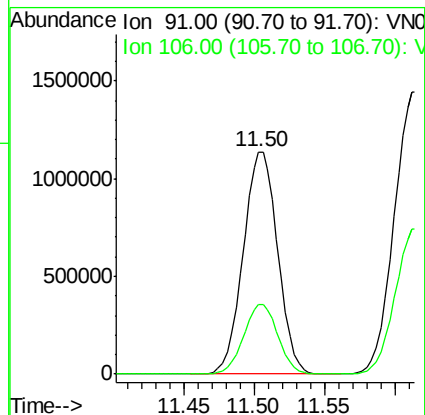
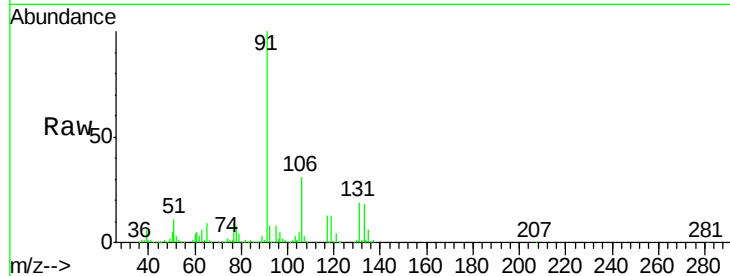
Ion Ratio Lower Upper

91 100

106 31.5 24.2 36.2

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#68

m/p-Xylenes

Concen: 301.269 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060567.D

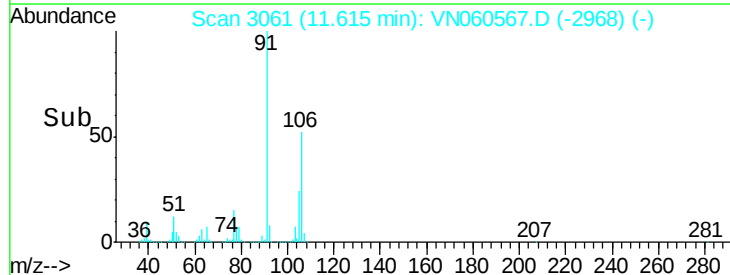
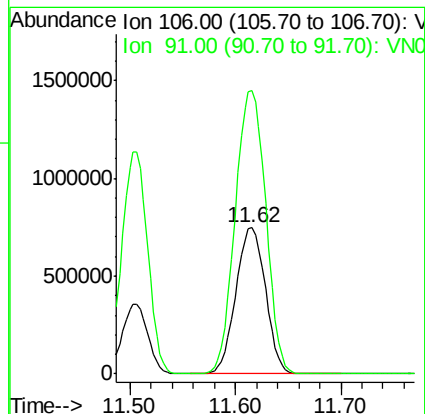
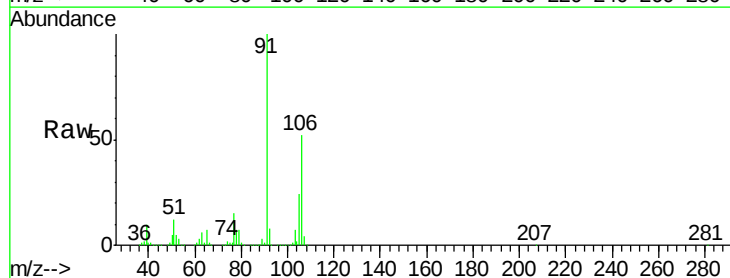
Acq: 17 Mar 2020 19:58

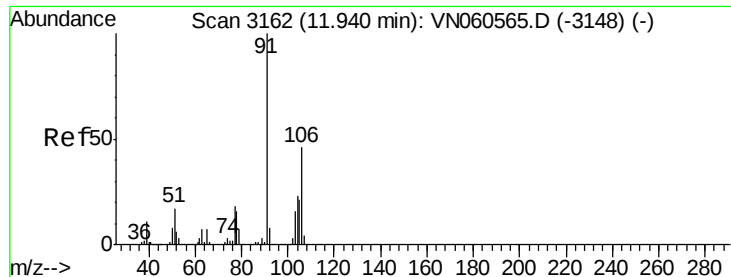
Tgt Ion: 106 Resp: 1455912

Ion Ratio Lower Upper

106 100

91 200.0 165.0 247.4





#69

o-Xylene

Concen: 152.016 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. -0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC150

Tot Ion:106 Resp: 700046

Ion Ratio Lower Upper

106 100

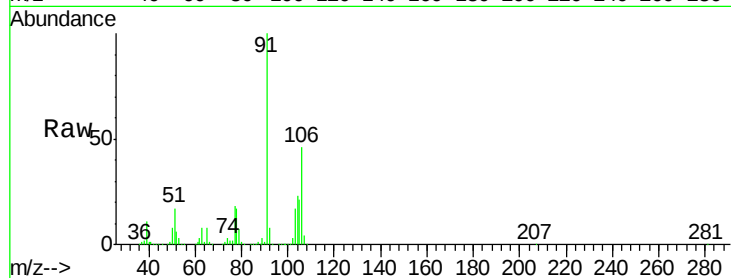
91 217.1 109.5 328.4

Manual Integrations

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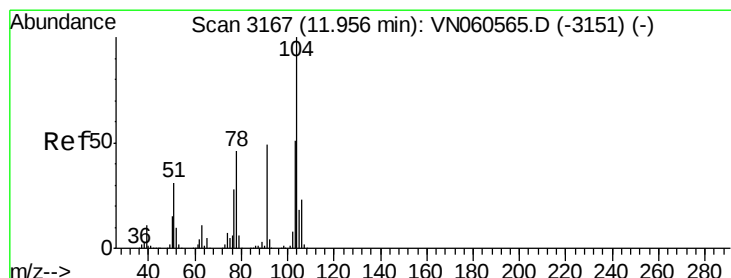
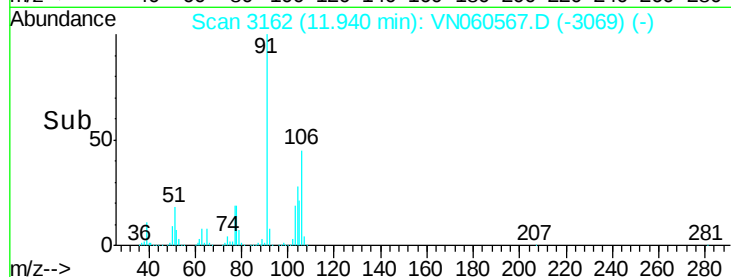
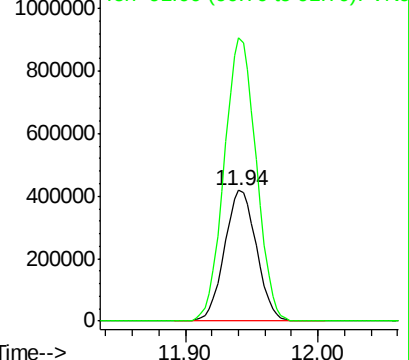
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 159.902 ug/l

RT: 11.96 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

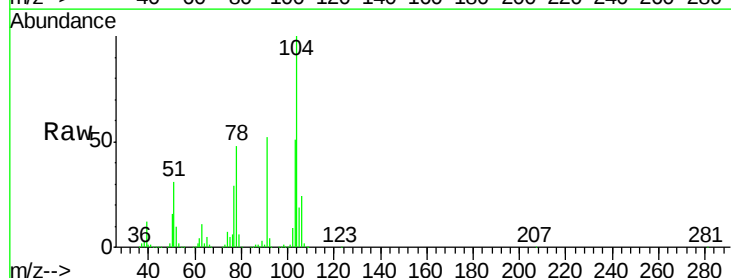
Tgt Ion:104 Resp: 1209538

Ion Ratio Lower Upper

104 100

78 51.9 41.2 61.8

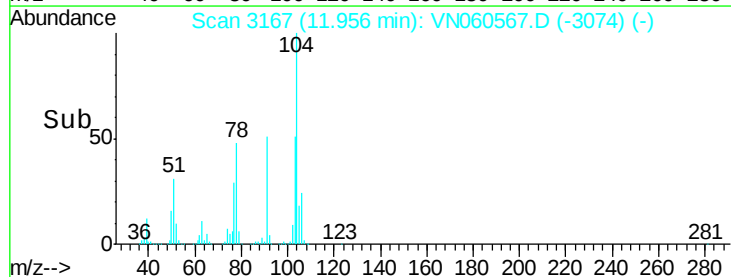
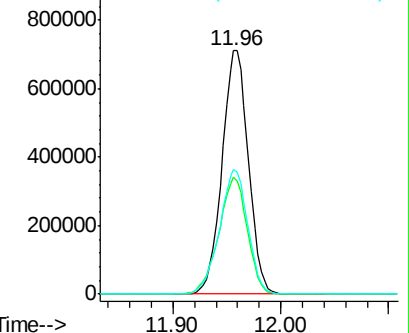
103 54.8 44.0 66.0

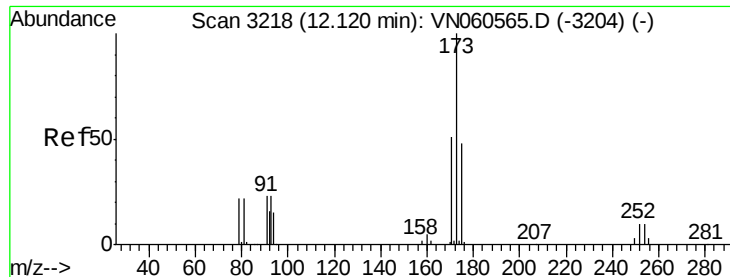


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





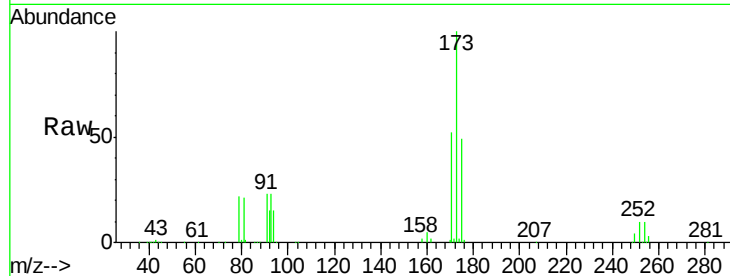
#71  
Bromoform  
Concen: 170.210 ug/l  
RT: 12.12 min Scan# 3218  
Delta R.T. -0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

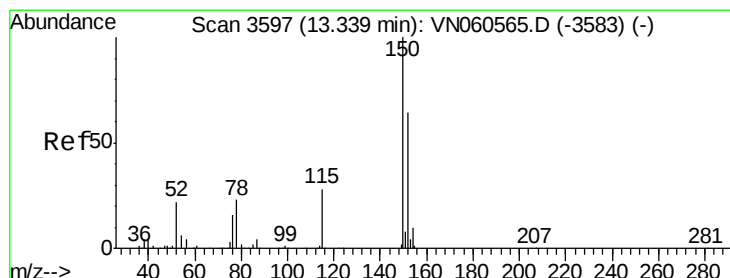
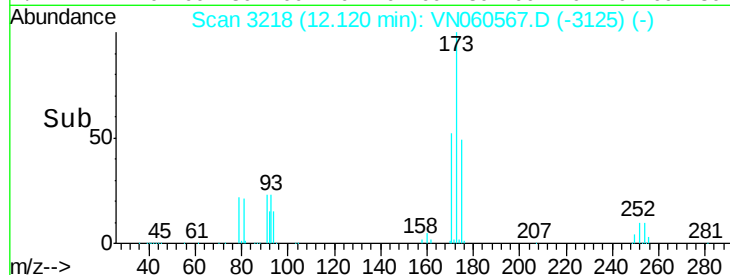
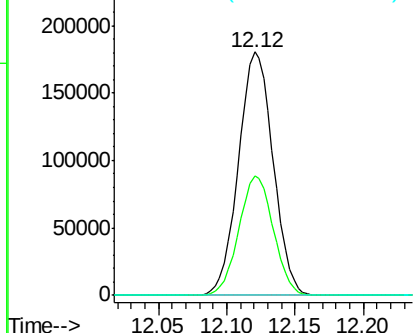
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.8  | 24.1  | 72.4  |
| 254     | 0.1   | 0.0   | 0.0#  |

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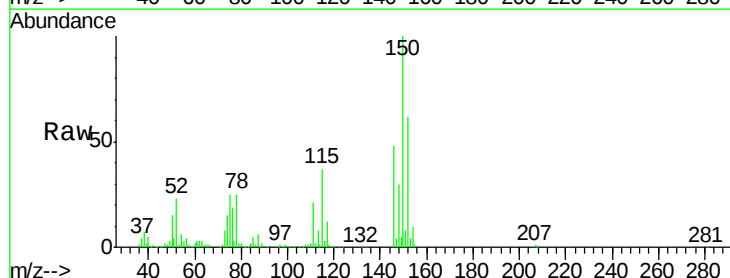


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

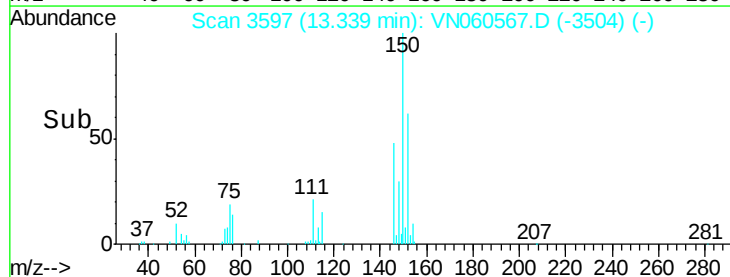
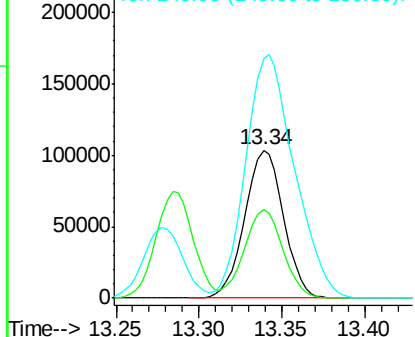


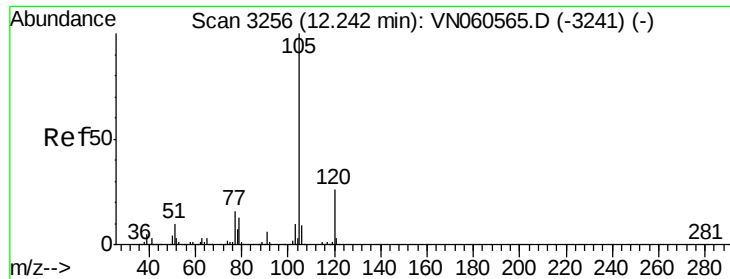
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3597  
Delta R.T. -0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 59.4  | 30.2  | 90.6  |
| 150     | 207.0 | 0.0   | 350.2 |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 145.516 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1830826

Ion Ratio Lower Upper

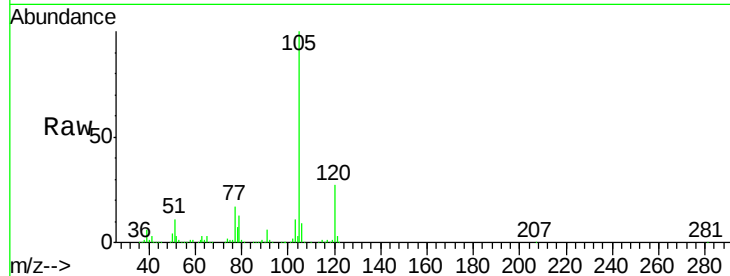
105 100

120 26.7 13.1 39.1

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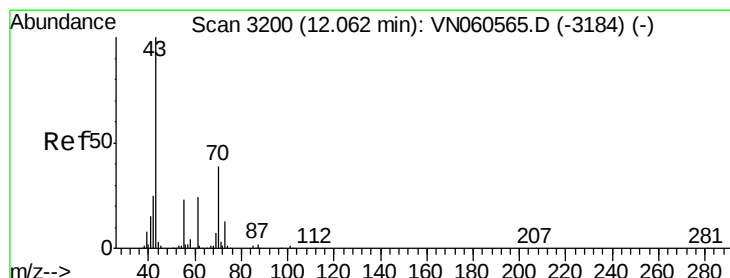
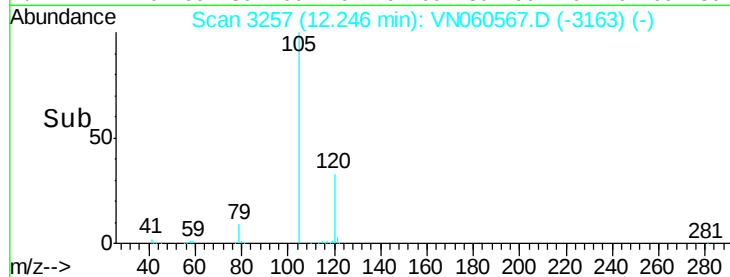
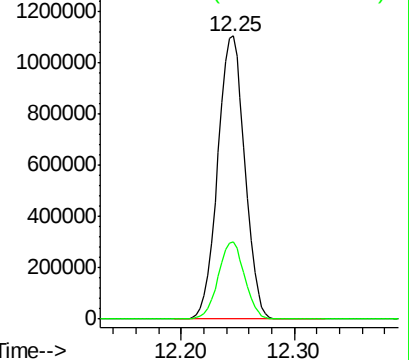
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 163.923 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Tgt Ion: 43 Resp: 911409

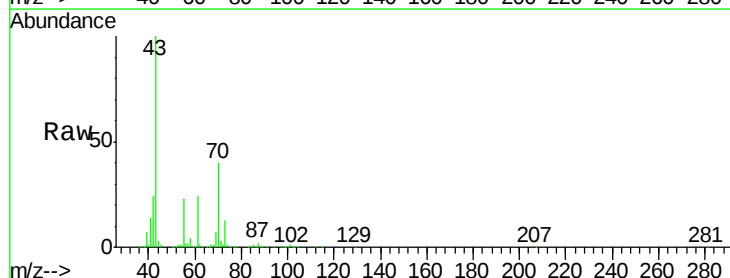
Ion Ratio Lower Upper

43 100

70 39.6 31.1 46.7

55 23.0 18.6 27.8

61 23.8 18.9 28.3

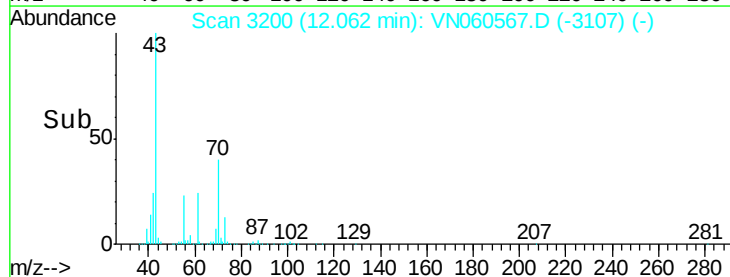
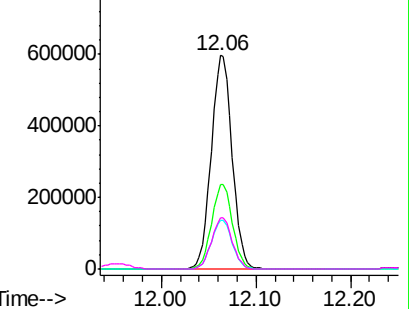


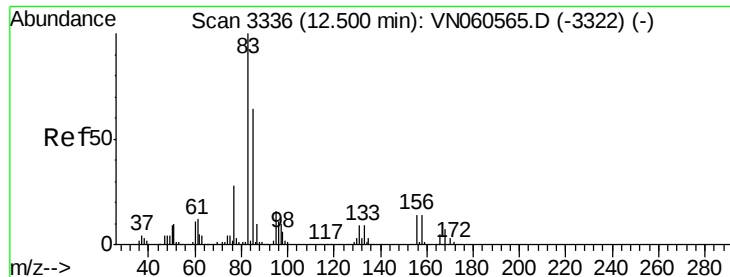
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 162.418 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 563766  
Ion Ratio Lower Upper

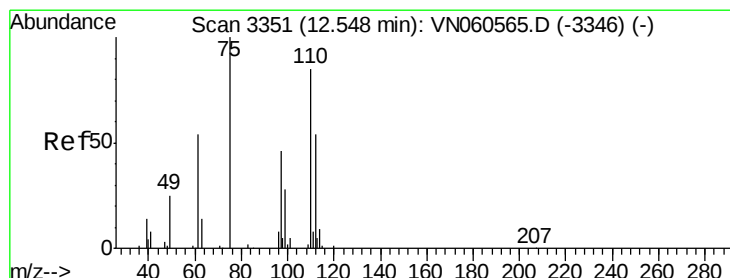
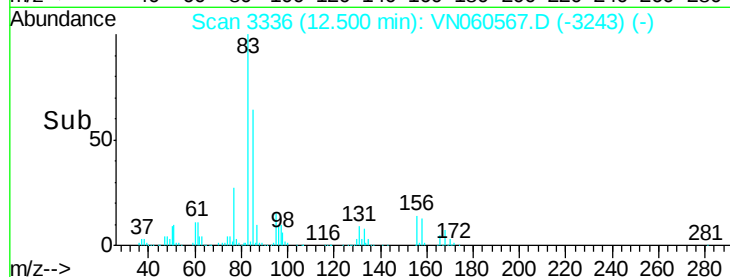
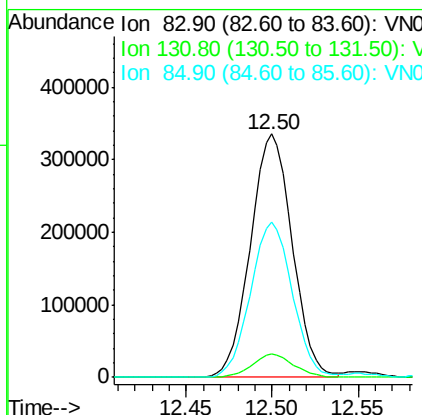
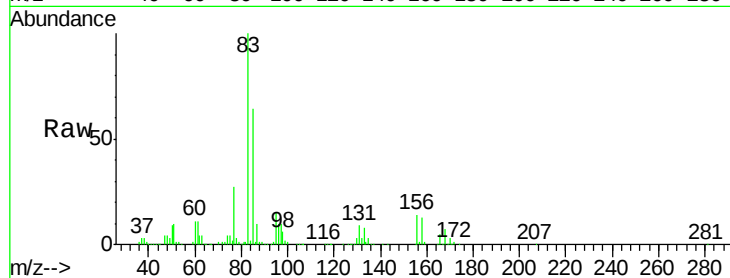
83 100

131 9.5 4.9 14.7

85 63.8 32.5 97.4

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#76

1,2,3-Trichloropropane

Concen: 142.491 ug/l m

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

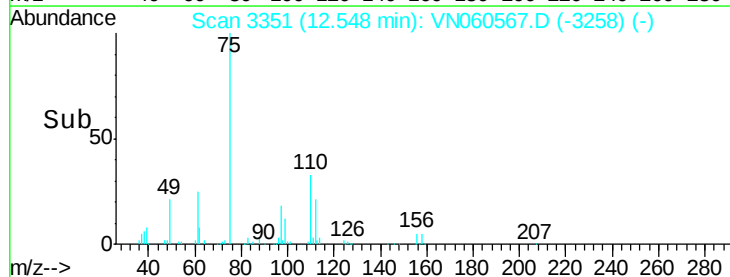
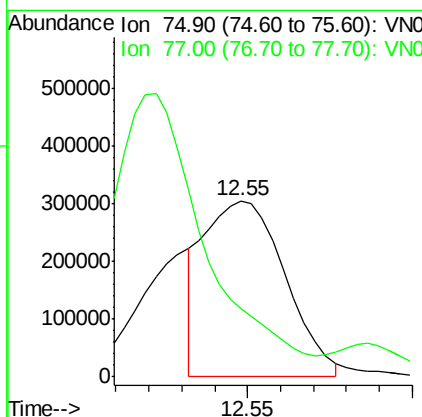
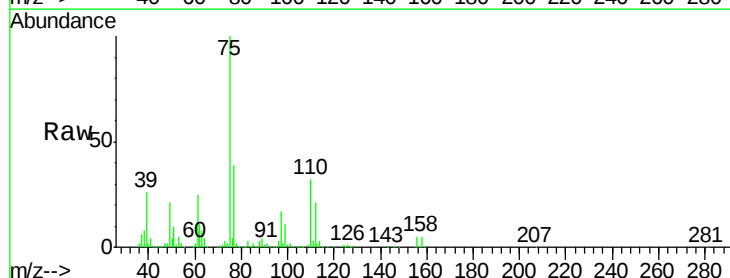
Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Tgt Ion: 75 Resp: 523969  
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 146.985 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

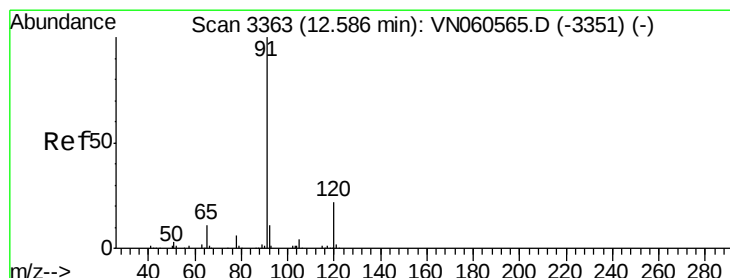
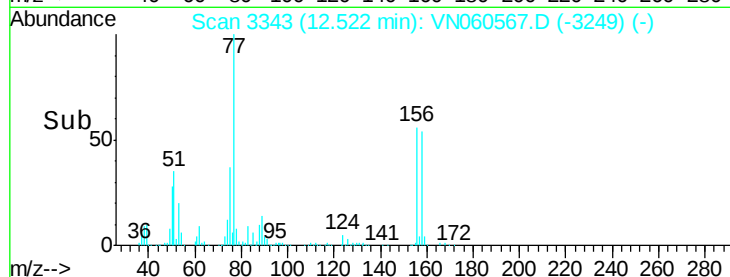
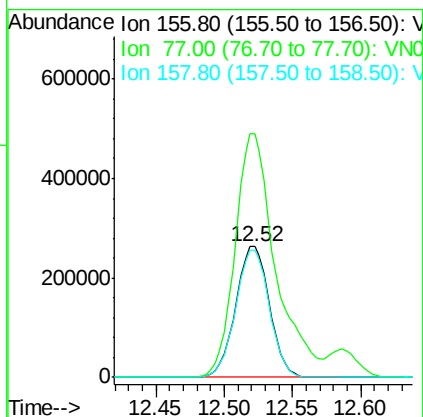
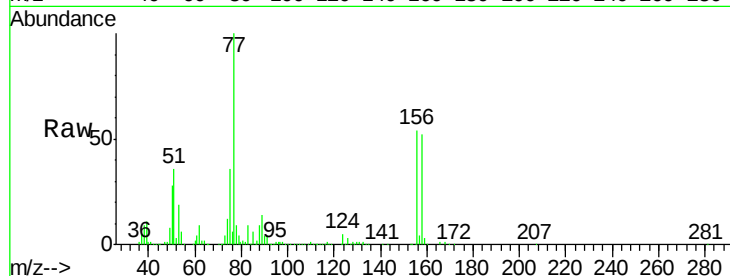
ClientSampleId :

VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 222.2 | 112.3 | 337.0 |
| 158     | 97.2  | 48.6  | 145.8 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 147.828 ug/l

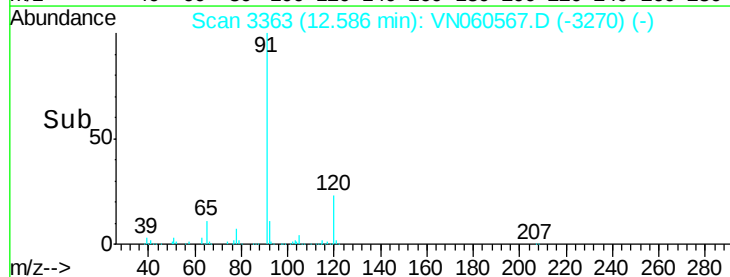
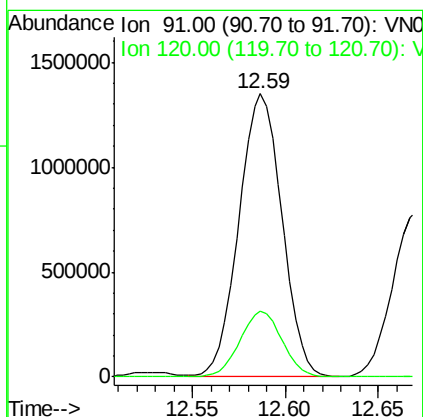
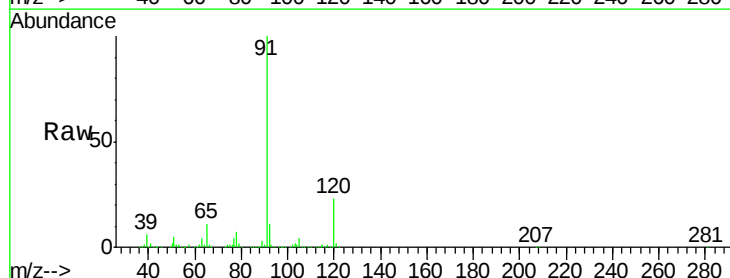
RT: 12.59 min Scan# 3363

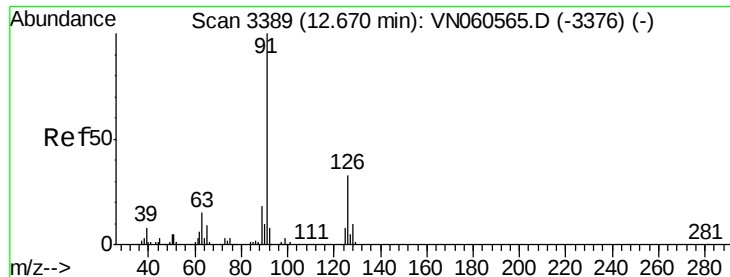
Delta R.T. 0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.7  | 11.3  | 33.8  |





#79

2-Chlorotoluene

Concen: 150.301 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 1308596

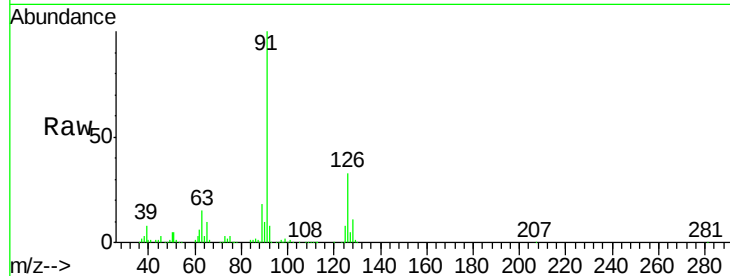
Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.1

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Abundance Ion 91.00 (90.70 to 91.70): VN060567.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060567.D (-3376) (-)

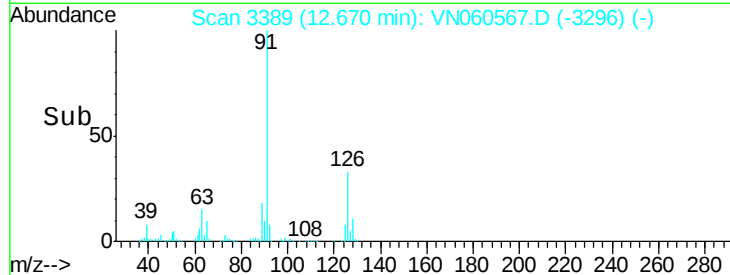
1500000

1000000

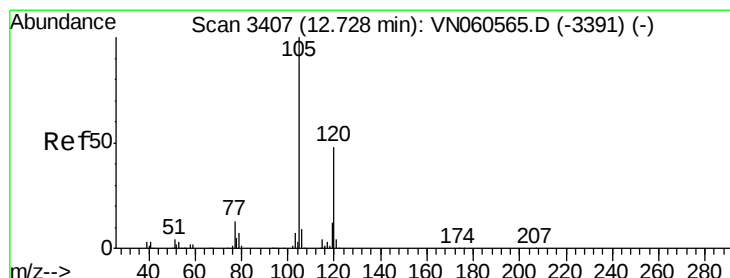
500000

0

12.60 12.65 12.70



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 149.238 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060567.D

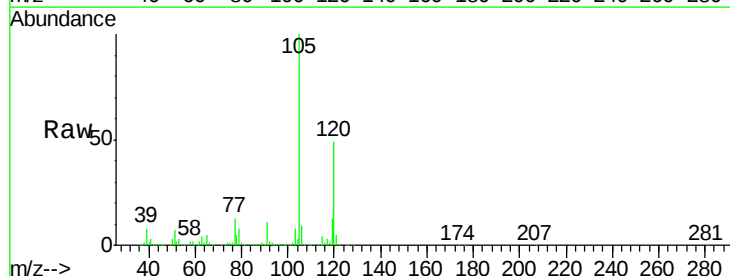
Acq: 17 Mar 2020 19:58

Tgt Ion: 105 Resp: 1581422

Ion Ratio Lower Upper

105 100

120 48.4 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060567.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN060567.D (-3391) (-)

1200000

1000000

800000

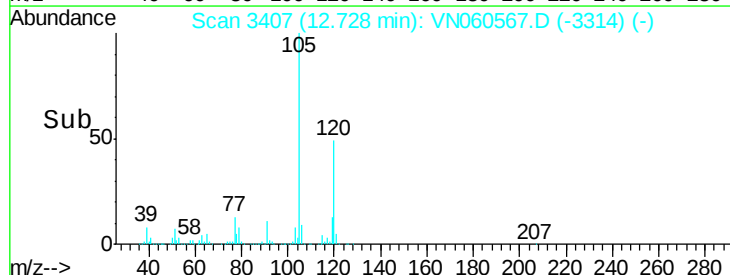
600000

400000

200000

0

12.70 12.80



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 163.004 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

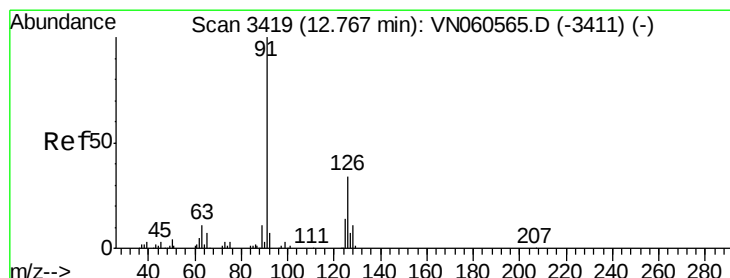
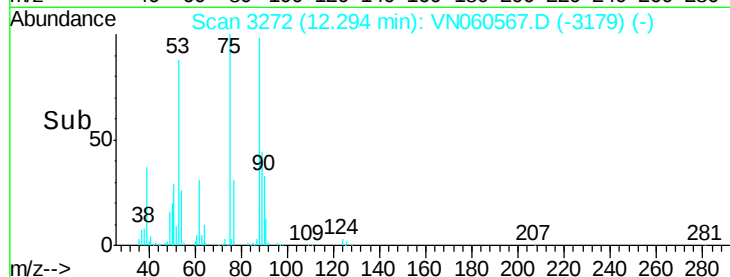
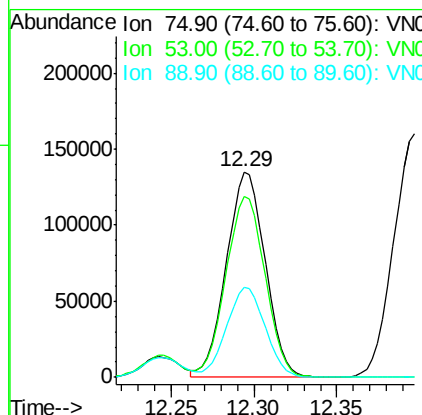
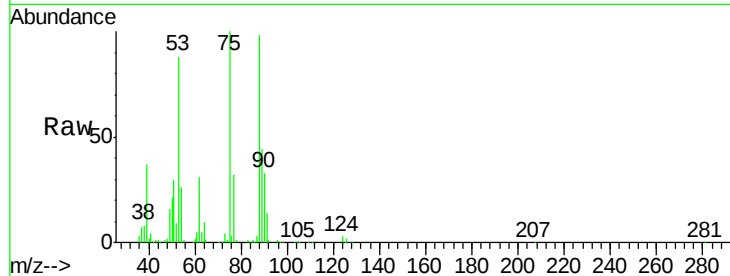
ClientSampleId :

VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 75    | Resp: | 220490 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 53       | 89.5  | 73.0  | 109.4  |
| 89       | 43.7  | 34.8  | 52.2   |

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 148.535 ug/l

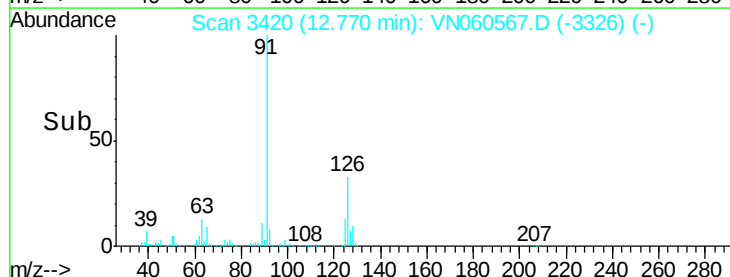
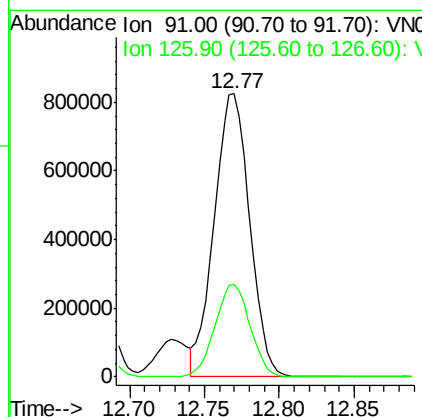
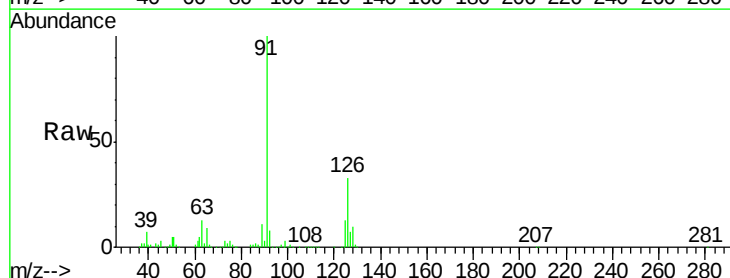
RT: 12.77 min Scan# 3420

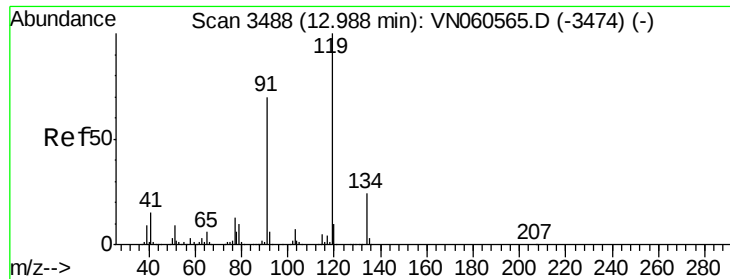
Delta R.T. 0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 91    | Resp: | 1360231 |
| Ion      | Ratio | Lower | Upper   |
| 91       | 100   |       |         |
| 126      | 32.4  | 16.2  | 48.5    |





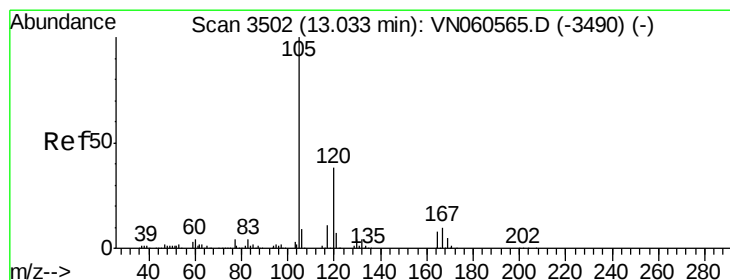
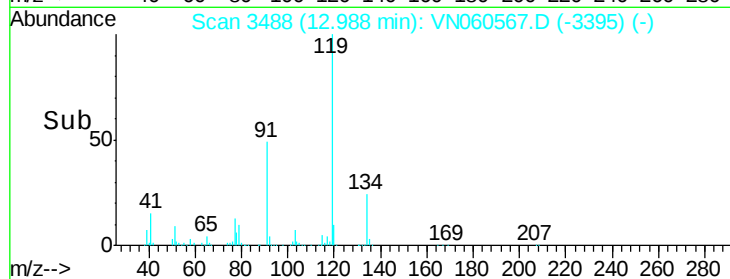
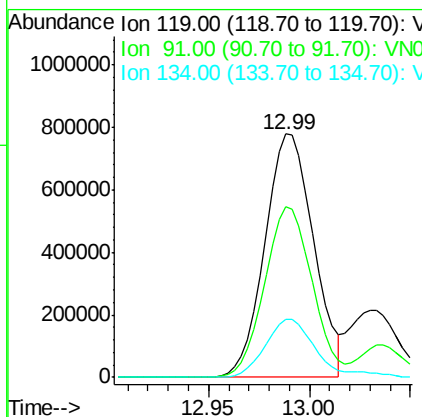
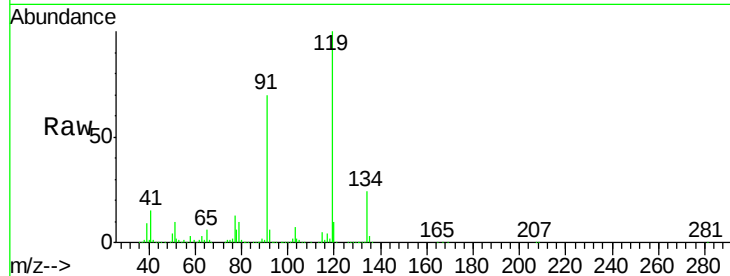
#83  
 tert-Butylbenzene  
 Concen: 143.274 ug/l  
 RT: 12.99 min Scan# 3488  
 Delta R.T. -0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

Tot Ion:119 Resp: 1305444  
 Ion Ratio Lower Upper  
 119 100  
 91 68.4 34.0 101.8  
 134 25.2 12.7 38.0

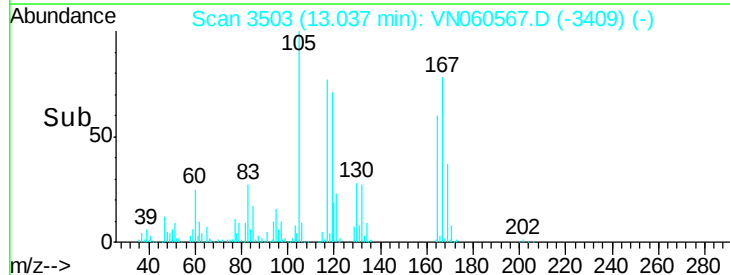
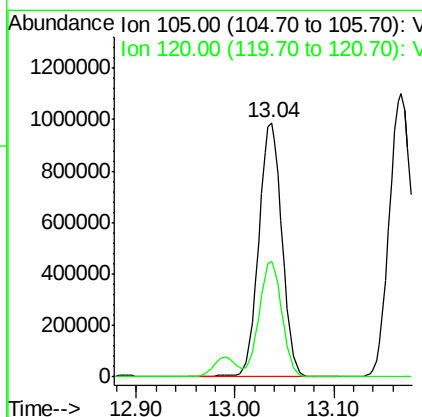
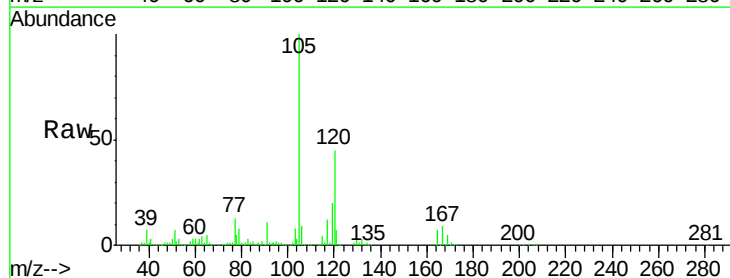
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 3/18/2020 7:00:46 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 148.508 ug/l  
 RT: 13.04 min Scan# 3503  
 Delta R.T. 0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

Tgt Ion:105 Resp: 1585733  
 Ion Ratio Lower Upper  
 105 100  
 120 44.7 22.1 66.5





#85

sec-Butylbenzene

Concen: 144.564 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1767678

Ion Ratio Lower Upper

105 100

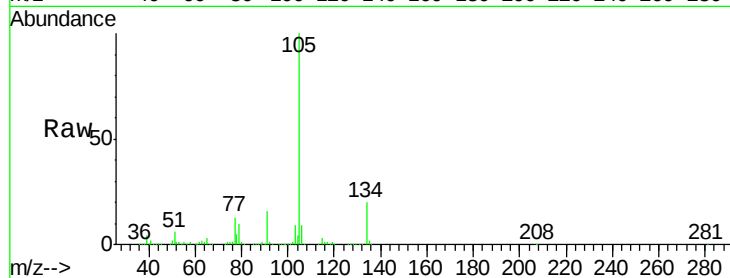
134 19.7 9.6 28.8

Manual Integrations

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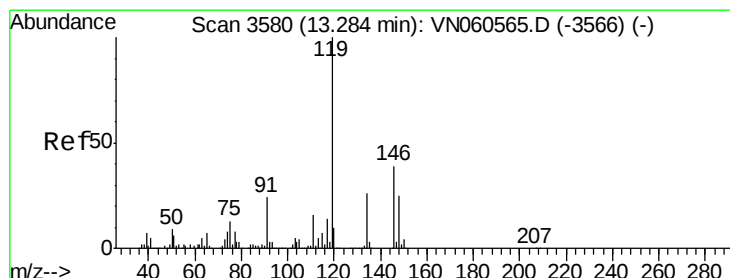
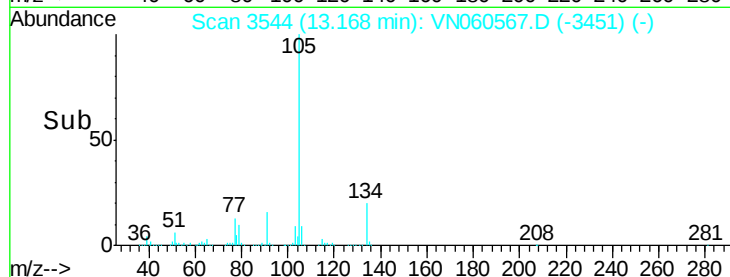
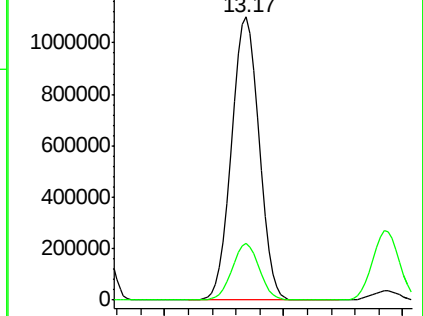
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 142.015 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

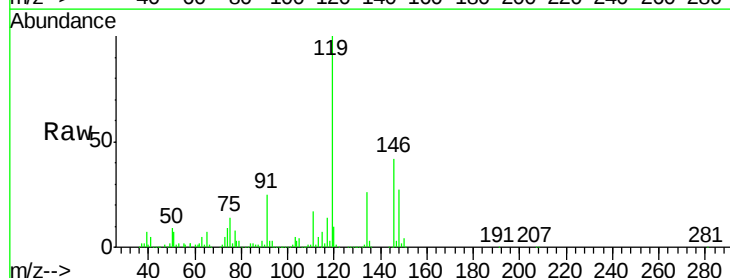
Tgt Ion:119 Resp: 1603767

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

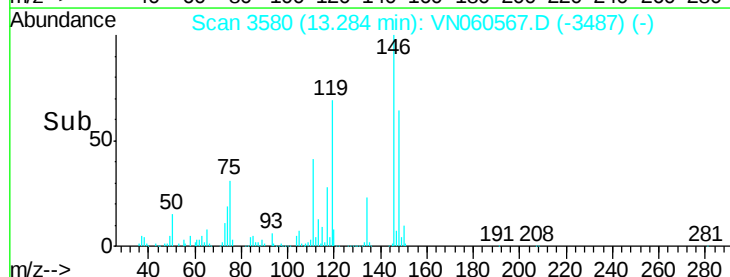
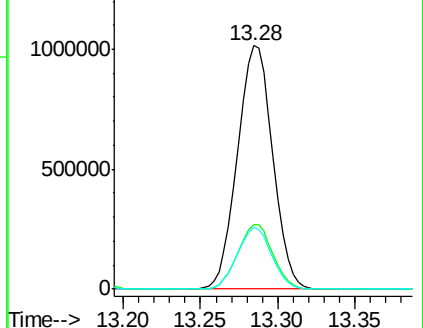
91 24.7 12.0 36.0

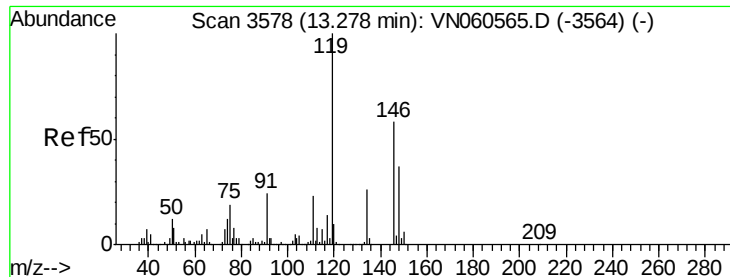


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





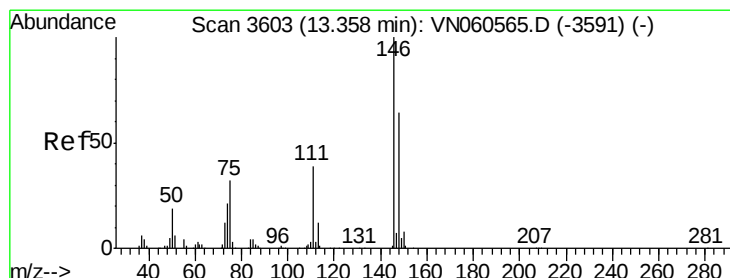
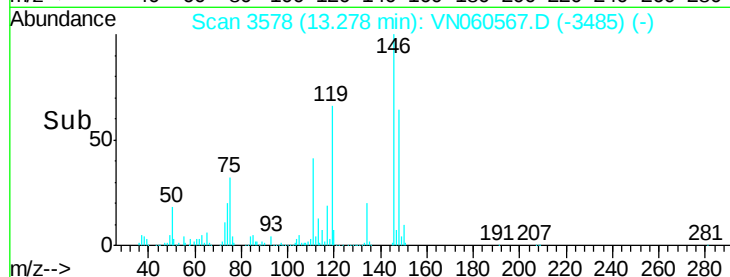
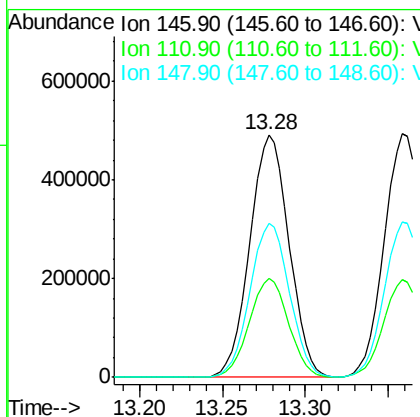
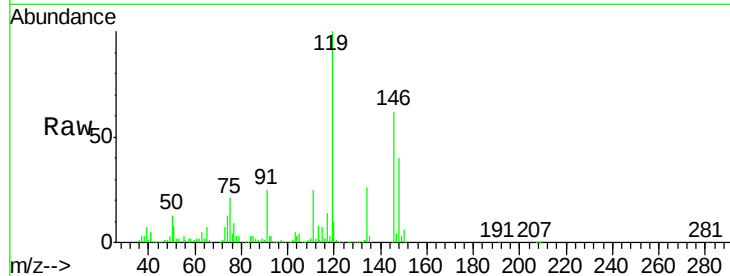
#87  
 1,3-Dichlorobenzene  
 Concen: 140.447 ug/l  
 RT: 13.28 min Scan# 3578  
 Delta R.T. -0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.9  | 20.3  | 60.8  |
| 148     | 63.9  | 32.5  | 97.4  |

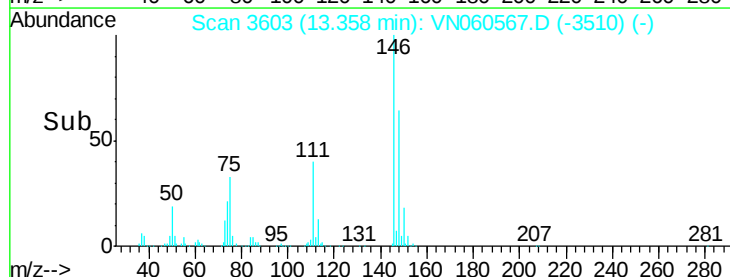
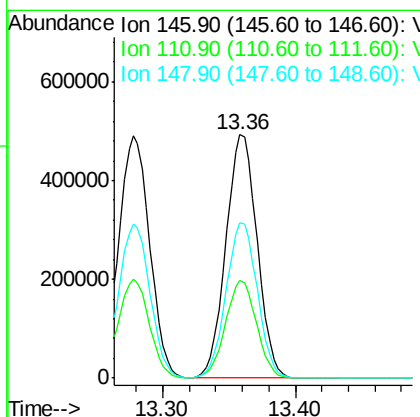
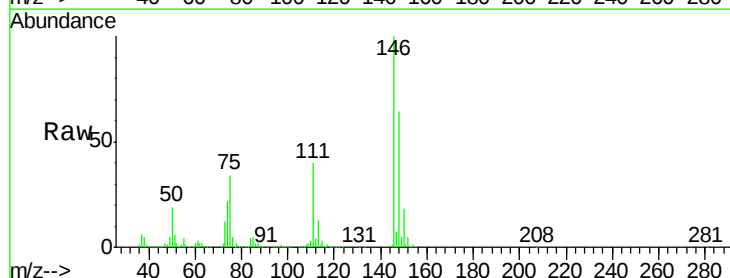
Manual Integrations  
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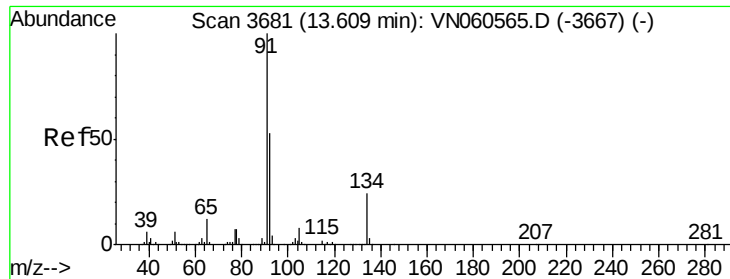
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 140.377 ug/l  
 RT: 13.36 min Scan# 3603  
 Delta R.T. -0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.7  | 19.6  | 58.7  |
| 148     | 64.0  | 32.1  | 96.3  |





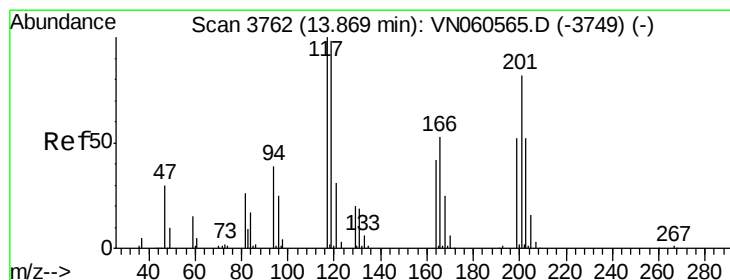
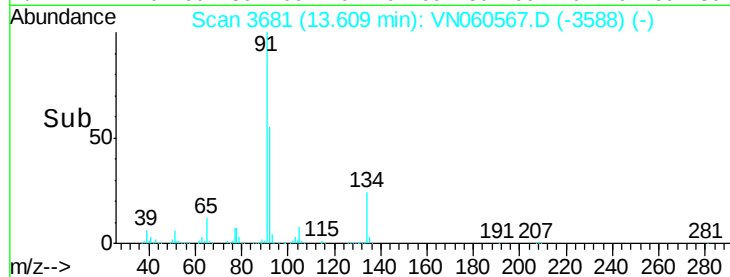
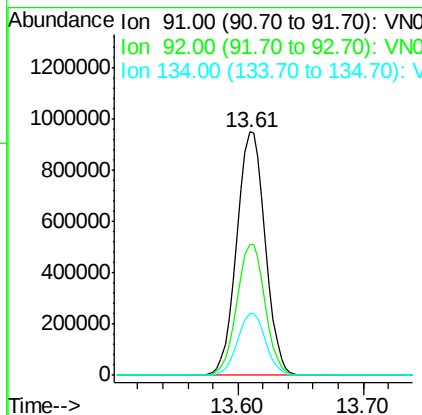
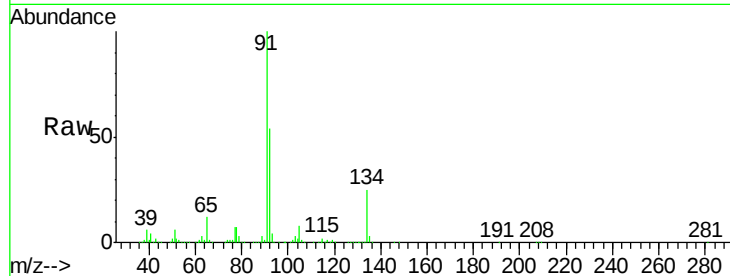
#89  
n-Butylbenzene  
Concen: 144.213 ug/l  
RT: 13.61 min Scan# 3681  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.3  | 26.2  | 78.5  |
| 134     | 25.3  | 12.3  | 36.9  |

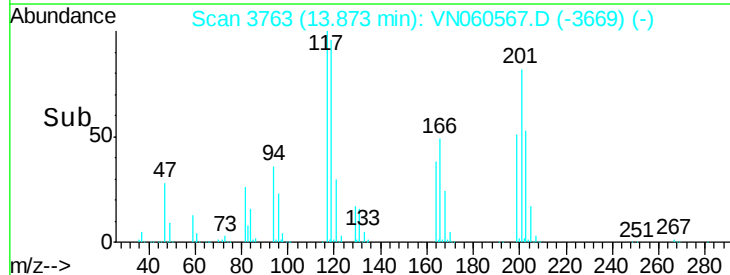
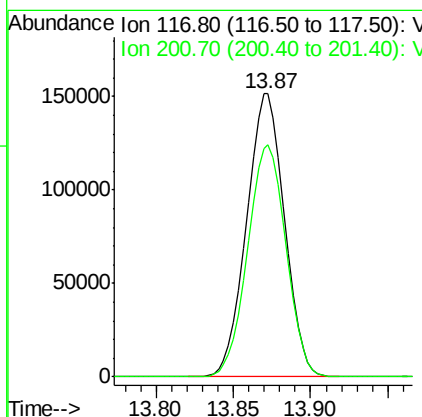
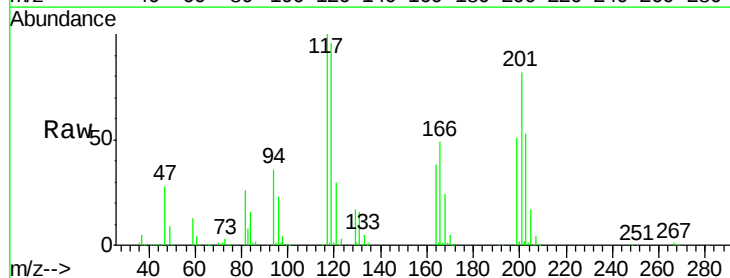
Manual Integrations  
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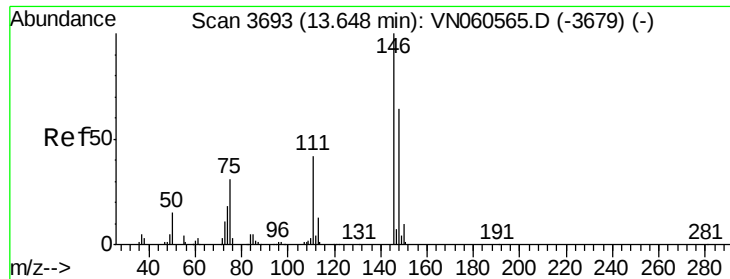
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#90  
Hexachloroethane  
Concen: 158.625 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 82.8  | 40.8  | 122.5 |





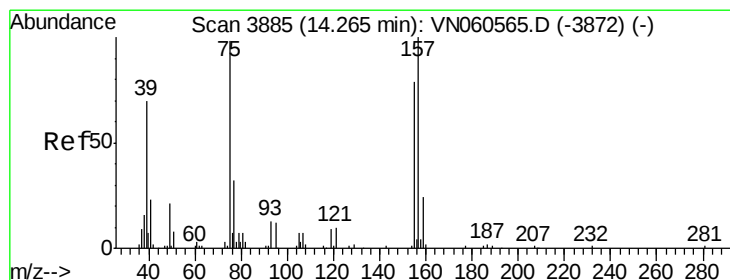
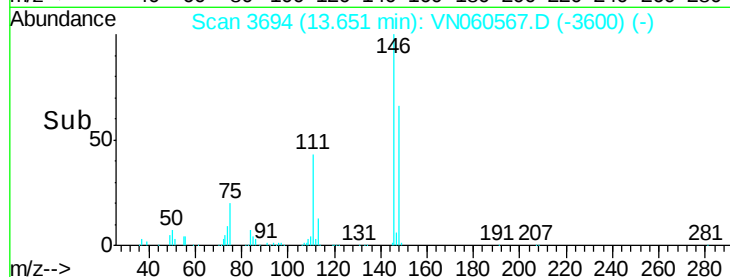
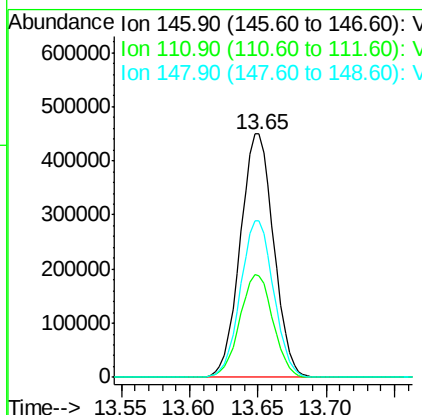
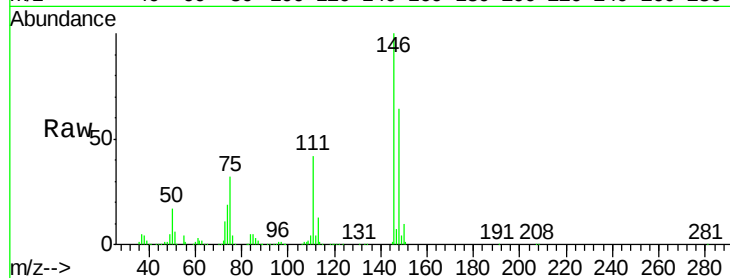
#91  
 1,2-Dichlorobenzene  
 Concen: 141.990 ug/l  
 RT: 13.65 min Scan# 3694  
 Delta R.T. 0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.0  | 21.0  | 63.0  |
| 148     | 63.9  | 31.9  | 95.5  |

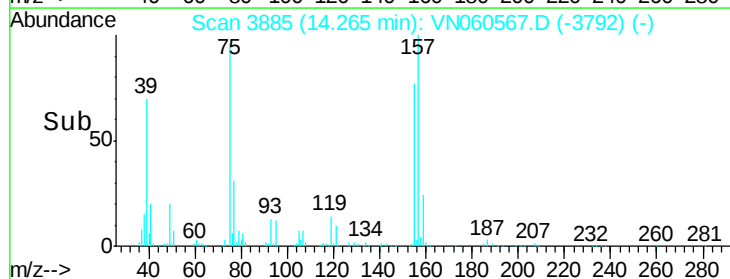
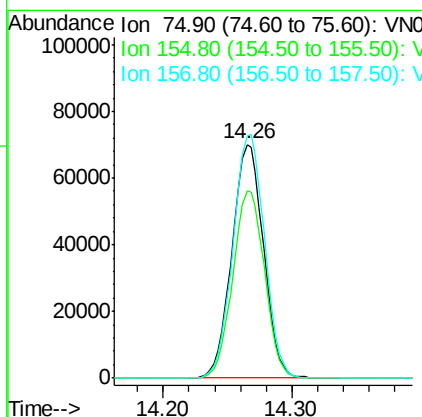
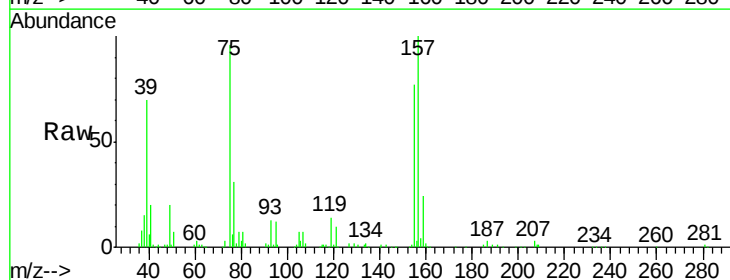
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 153.260 ug/l  
 RT: 14.26 min Scan# 3885  
 Delta R.T. 0.00 min  
 Lab File: VN060567.D  
 Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 80.6  | 40.7  | 122.1 |
| 157     | 104.3 | 51.5  | 154.7 |





#93

1,2,4-Trichlorobenzene

Concen: 133.934 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. 0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

Instrument :

MSVOA\_N

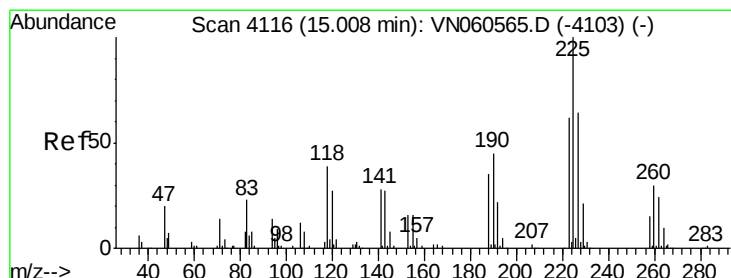
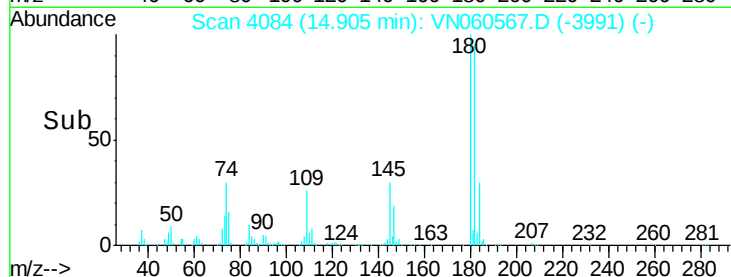
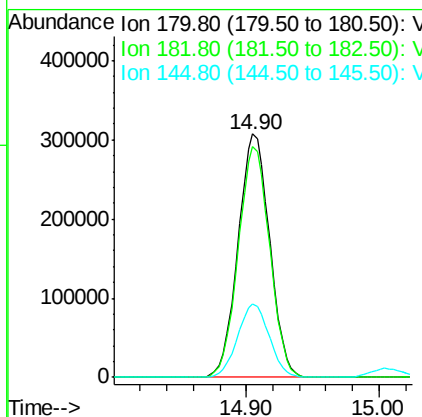
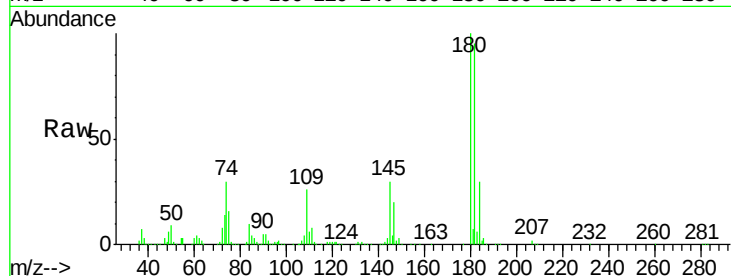
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 180   | Resp: | 506903 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.7  | 47.9  | 143.8  |
| 145       | 30.2  | 15.4  | 46.2   |

Manual Integrations  
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#94

Hexachlorobutadiene

Concen: 126.065 ug/l

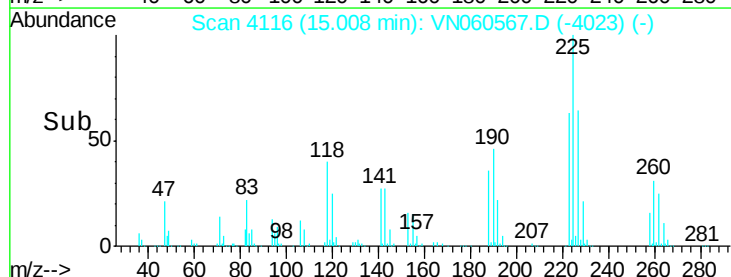
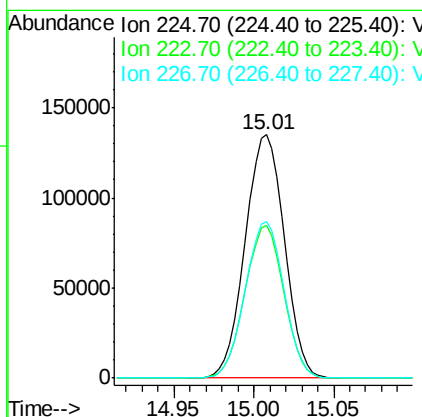
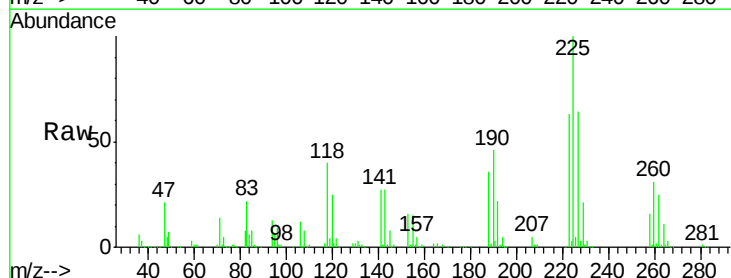
RT: 15.01 min Scan# 4116

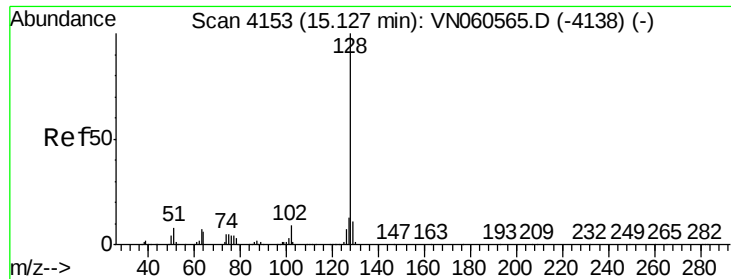
Delta R.T. -0.00 min

Lab File: VN060567.D

Acq: 17 Mar 2020 19:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 226507 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.1  | 31.6  | 95.0   |
| 227       | 63.6  | 32.3  | 96.8   |





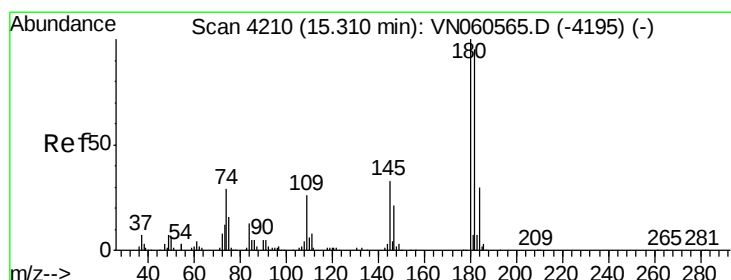
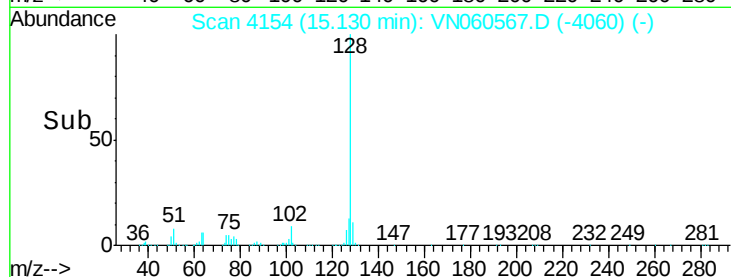
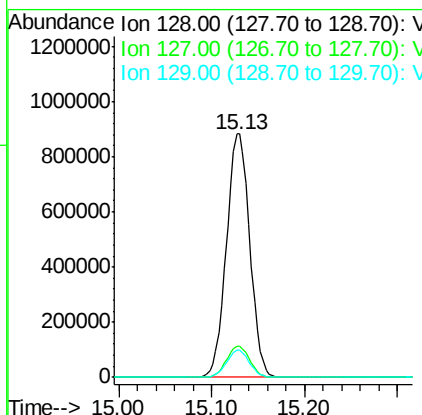
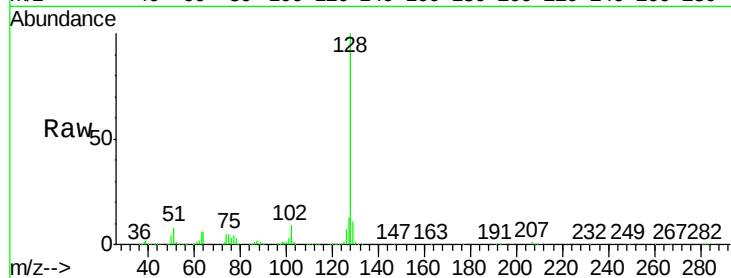
#95  
Naphthalene  
Concen: 140.541 ug/l  
RT: 15.13 min Scan# 4154  
Delta R.T. 0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.2  | 15.2  |
| 129     | 10.9  | 8.8   | 13.2  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 135.082 ug/l  
RT: 15.31 min Scan# 4210  
Delta R.T. -0.00 min  
Lab File: VN060567.D  
Acq: 17 Mar 2020 19:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 47.5  | 142.6 |
| 145     | 32.5  | 16.3  | 48.8  |

