

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\  
 Data File : VN060603.D  
 Acq On : 18 Mar 2020 19:27  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 3/19/2020 1:59:41 PM

Quant Time: Mar 19 07:39:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 18 08:49:09 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 207895   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 349306   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 319864   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 151713   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.00   | 65  | 142376   | 49.89 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.78%  |      |
| 35) Dibromofluoromethane  | 7.57   | 113 | 105839   | 50.11 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.22% |      |
| 50) Toluene-d8            | 10.08  | 98  | 432227   | 50.10 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.20% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 157980   | 49.97 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.94%  |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 103049  | 51.228  | ug/l | 98     |
| 3) Chloromethane              | 2.03 | 50  | 180636  | 48.081  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.16 | 62  | 146629  | 49.899  | ug/l | 98     |
| 5) Bromomethane               | 2.54 | 94  | 61604   | 48.564  | ug/l | 99     |
| 6) Chloroethane               | 2.68 | 64  | 85638   | 50.592  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 181458  | 50.129  | ug/l | 98     |
| 8) Diethyl Ether              | 3.38 | 74  | 73610   | 50.620  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.73 | 101 | 104834  | 49.981  | ug/l | 99     |
| 10) Methyl Iodide             | 3.92 | 142 | 98059   | 52.539  | ug/l | 100    |
| 11) Tert butyl alcohol        | 4.73 | 59  | 105348  | 250.995 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.72 | 96  | 109867  | 48.811  | ug/l | 97     |
| 13) Acrolein                  | 3.58 | 56  | 107453  | 230.994 | ug/l | 100    |
| 14) Allyl chloride            | 4.29 | 41  | 191958  | 48.489  | ug/l | 97     |
| 15) Acrylonitrile             | 4.94 | 53  | 318302  | 257.895 | ug/l | 100    |
| 16) Acetone                   | 3.78 | 43  | 257225  | 254.447 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.03 | 76  | 335798  | 49.054  | ug/l | 100    |
| 18) Methyl Acetate            | 4.29 | 43  | 143112  | 50.295  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.00 | 73  | 381840  | 49.342  | ug/l | 98     |
| 20) Methylene Chloride        | 4.52 | 84  | 123788  | 49.778  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 117813  | 49.111  | ug/l | 96     |
| 22) Diisopropyl ether         | 5.92 | 45  | 425151  | 50.833  | ug/l | 97     |
| 23) Vinyl Acetate             | 5.86 | 43  | 1786404 | 261.781 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.82 | 63  | 228994  | 50.224  | ug/l | 99     |
| 25) 2-Butanone                | 6.80 | 43  | 427577  | 261.381 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 6.80 | 77  | 170789  | 47.609  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96  | 135810  | 49.819  | ug/l | 100    |
| 28) Bromochloromethane        | 7.17 | 49  | 110553  | 50.679  | ug/l | 100    |
| 29) Tetrahydrofuran           | 7.18 | 42  | 293976  | 253.992 | ug/l | 100    |
| 30) Chloroform                | 7.35 | 83  | 219841  | 50.296  | ug/l | 97     |
| 31) Cyclohexane               | 7.63 | 56  | 219835  | 47.826  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 7.54 | 97  | 186897  | 49.600  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 7.77 | 75  | 172332  | 50.950  | ug/l | 100    |
| 37) Ethyl Acetate             | 6.90 | 43  | 184343  | 50.440  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.75 | 117 | 153447  | 50.618  | ug/l | 100    |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 3/19/2020 1:59:41 PM

Quant Time: Mar 19 07:39:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 18 08:49:09 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 200429   | 49.864   | ug/l   | 99       |
| 40) Benzene                    | 8.02  | 78   | 513934   | 50.334   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.15  | 41   | 88009m   | 56.426   | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 176681   | 50.633   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.14  | 43   | 311183   | 51.629   | ug/l   | 99       |
| 44) Trichloroethene            | 8.82  | 130  | 131419   | 51.057   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 137853   | 51.166   | ug/l   | 98       |
| 46) Dibromomethane             | 9.19  | 93   | 82876    | 50.881   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.39  | 83   | 172968   | 51.103   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.18  | 41   | 137549   | 51.257   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.18  | 88   | 32276    | 1011.881 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 914817   | 266.725  | ug/l   | 100      |
| 52) Toluene                    | 10.14 | 92   | 311711   | 50.549   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 200463   | 51.560   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.82  | 75   | 214700   | 50.337   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 119754   | 50.480   | ug/l   | 100      |
| 56) Ethyl methacrylate         | 10.42 | 69   | 195185   | 52.767   | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 209321   | 50.847   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 502540   | 273.350  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.74 | 43   | 662152   | 268.004  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.89 | 129  | 125560   | 51.239   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 123446   | 51.749   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.62 | 164  | 125671   | 49.928   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 316720   | 49.948   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.50 | 131  | 117019   | 50.970   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.50 | 91   | 595039   | 50.461   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 443773   | 101.272  | ug/l   | 100      |
| 69) o-Xylene                   | 11.94 | 106  | 212510   | 50.802   | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 355187   | 51.917   | ug/l   | 100      |
| 71) Bromoform                  | 12.12 | 173  | 89267    | 46.890   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.24 | 105  | 564825   | 49.609   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.06 | 43   | 273255   | 51.939   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 171811   | 49.901   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 155803m  | 47.593   | ug/l   |          |
| 77) Bromobenzene               | 12.52 | 156  | 135166   | 49.268   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 668140   | 49.671   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 389095   | 48.412   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 474127   | 49.071   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.29 | 75   | 62652    | 49.153   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 403820   | 49.333   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 391927   | 48.933   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.03 | 105  | 477178   | 49.921   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 531621   | 49.359   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.28 | 119  | 474555   | 48.999   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 239408   | 49.477   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 237785   | 48.913   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.61 | 91   | 431243   | 49.318   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.87 | 117  | 68925    | 48.959   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 229755   | 49.658   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.26 | 75   | 35206    | 48.812   | ug/l   | 100      |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

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Quant Title : SW846 8260  
QLast Update : Wed Mar 18 08:49:09 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.90 | 180  | 142726   | 50.233 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 64010    | 45.956 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 433695   | 50.749 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 134958   | 48.224 | ug/l  | 99       |

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

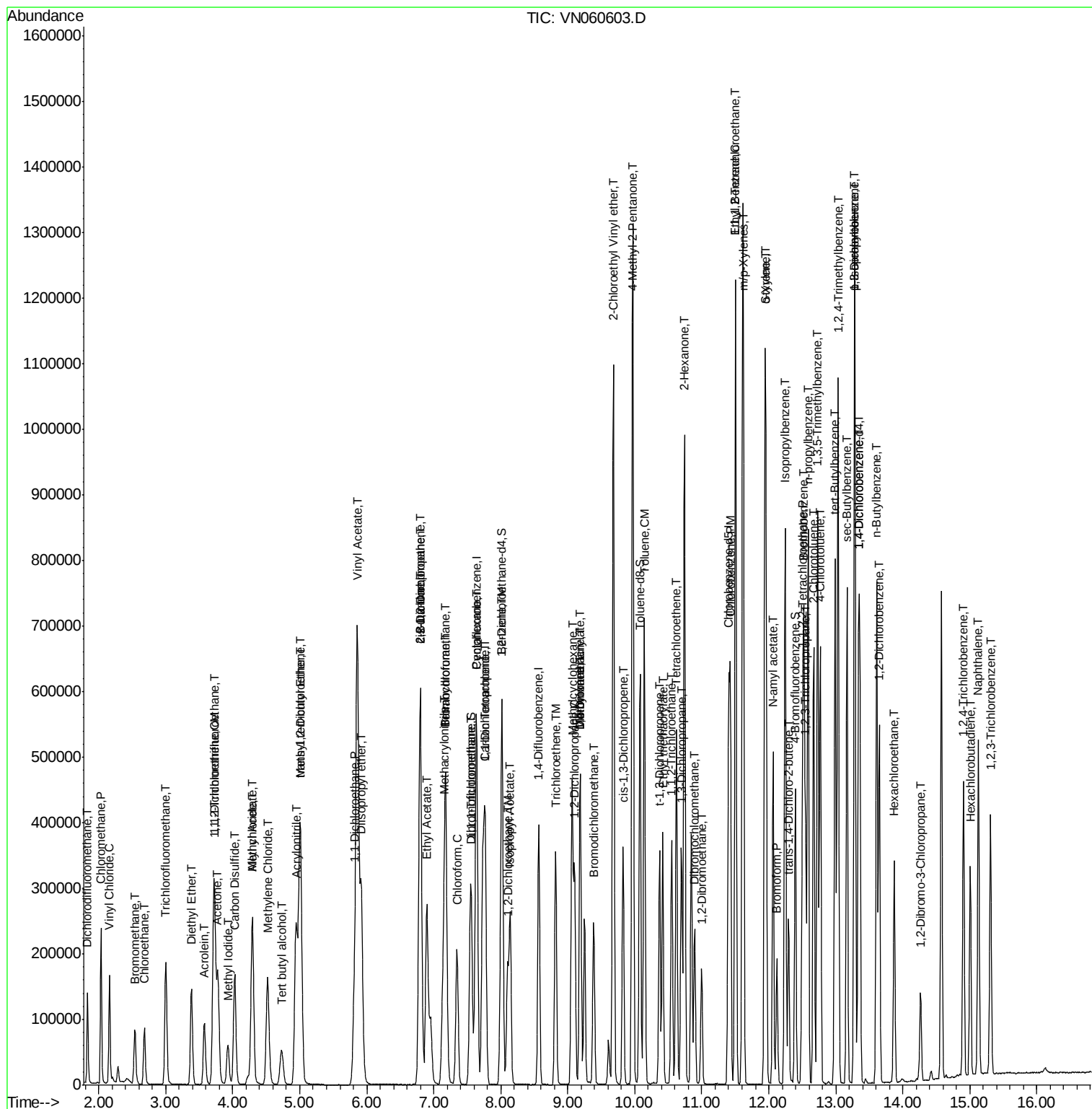
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Acq On : 18 Mar 2020 19:27  
Operator : JC/MD  
Sample : VSTDCCC050  
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ALS Vial : 27 Sample Multiplier: 1

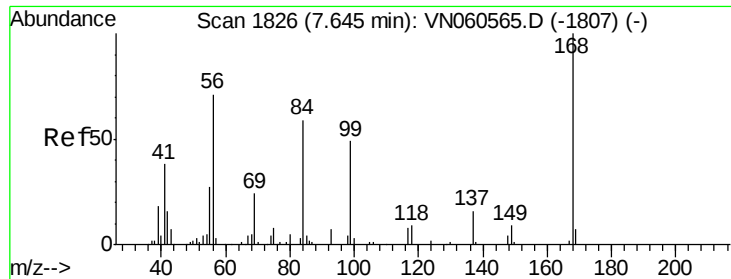
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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Quant Title : SW846 8260  
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 207895

Ion Ratio Lower Upper

168 100

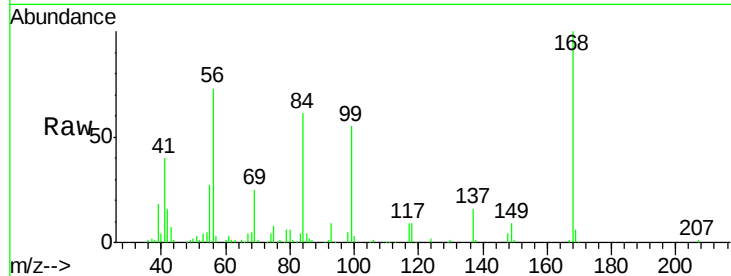
99 54.8 44.0 66.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

40000

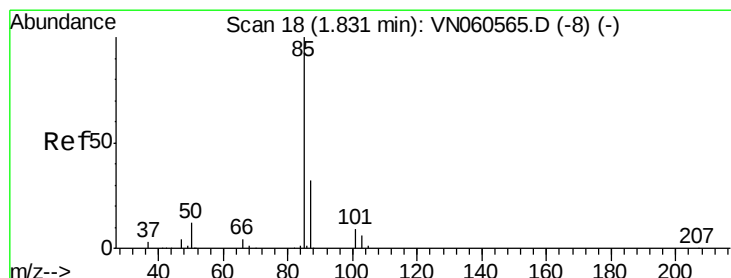
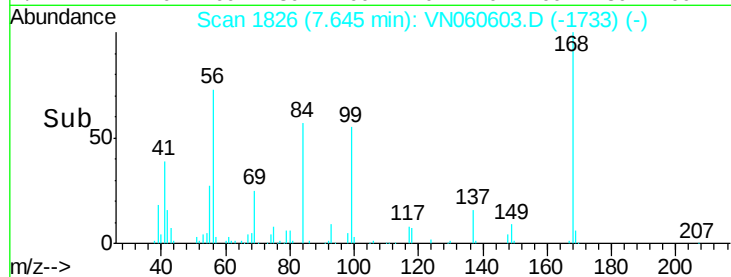
20000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 51.228 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN060603.D

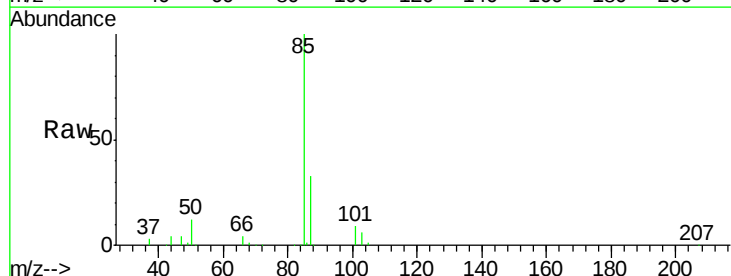
Acq: 18 Mar 2020 19:27

Tgt Ion: 85 Resp: 103049

Ion Ratio Lower Upper

85 100

87 33.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

40000

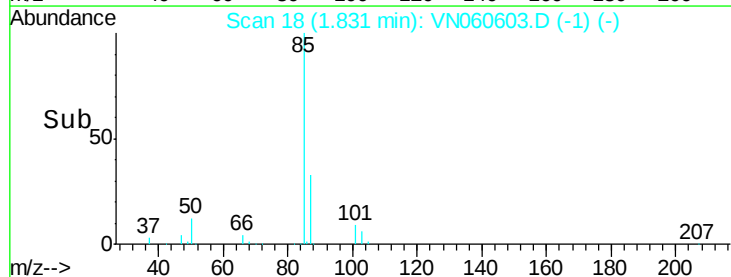
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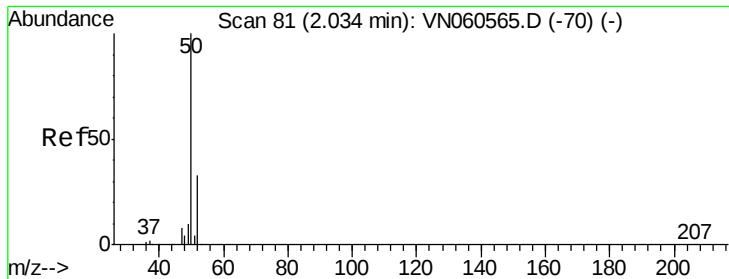
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1.80

1.85

Time-->





#3

Chloromethane

Concen: 48.081 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 180636

Ion Ratio Lower Upper

50 100

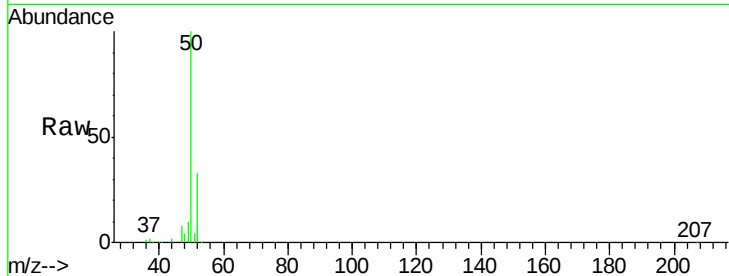
52 32.7 26.2 39.2

Manual Integrations

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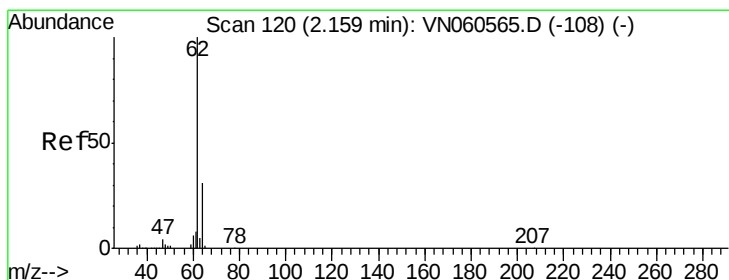
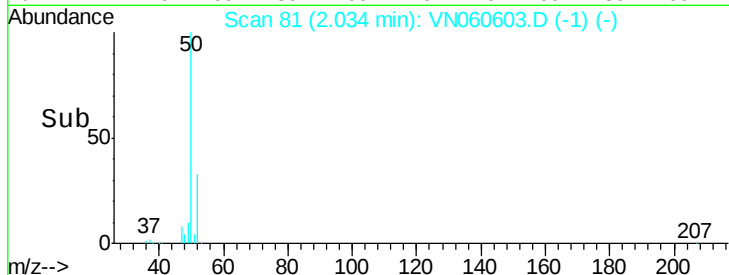
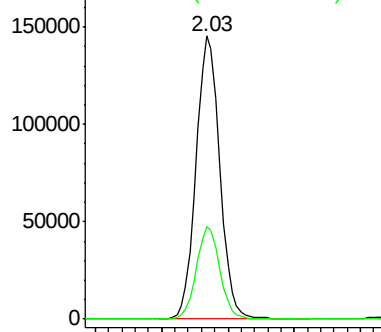
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 49.899 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN060603.D

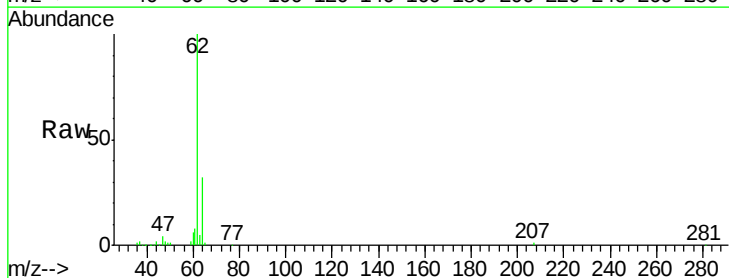
Acq: 18 Mar 2020 19:27

Tgt Ion: 62 Resp: 146629

Ion Ratio Lower Upper

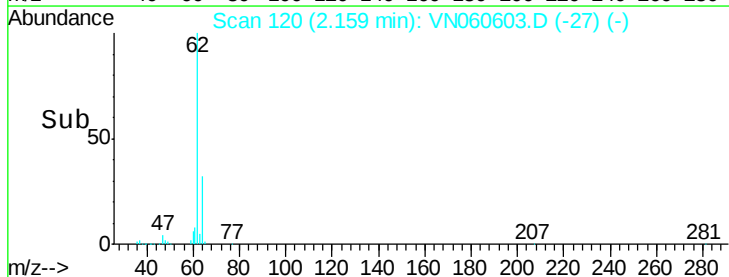
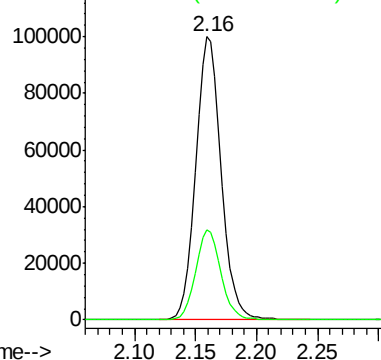
62 100

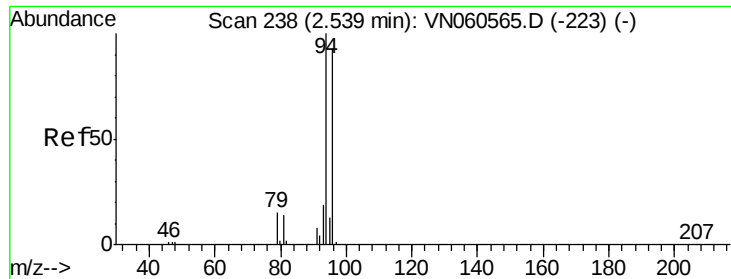
64 31.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 48.564 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 61604

Ion Ratio Lower Upper

94 100

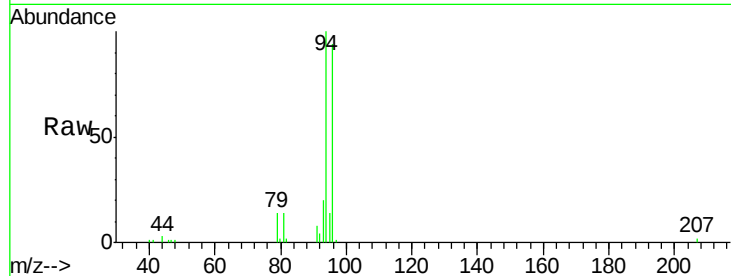
96 94.1 74.6 112.0

Manual Integrations

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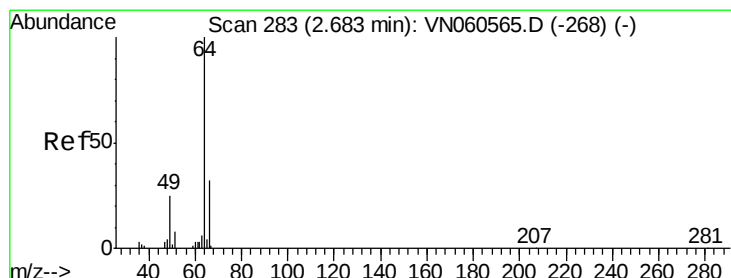
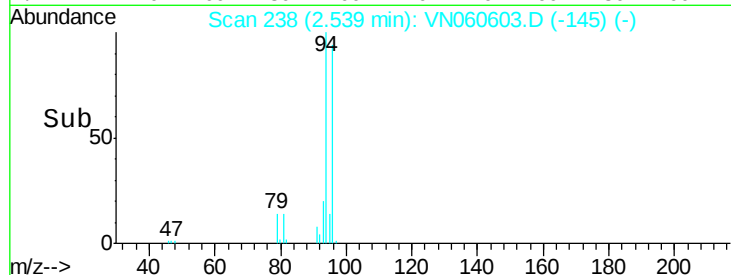
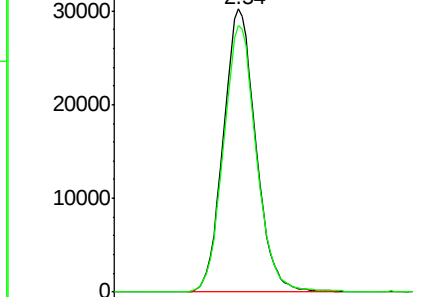
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Abundance Ion 93.90 (93.60 to 94.60): VN060603.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN060603.D (-145) (-)



#6

Chloroethane

Concen: 50.592 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN060603.D

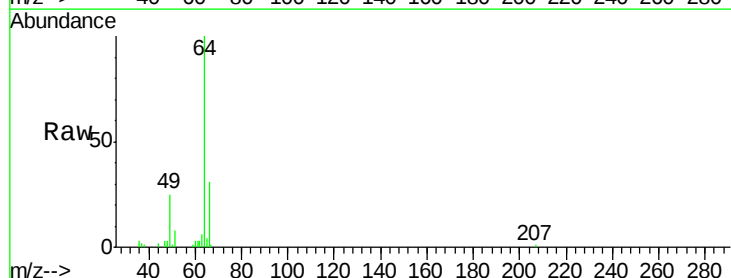
Acq: 18 Mar 2020 19:27

Tgt Ion: 64 Resp: 85638

Ion Ratio Lower Upper

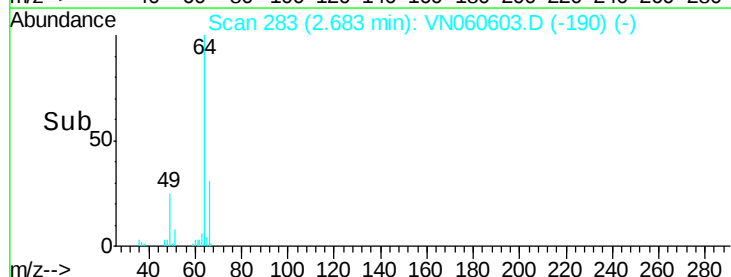
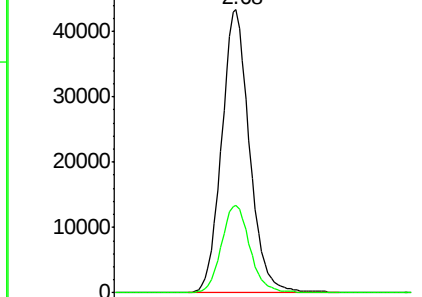
64 100

66 30.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN060603.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN060603.D (-190) (-)





#7

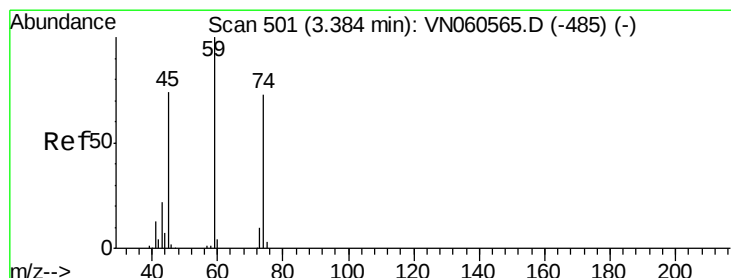
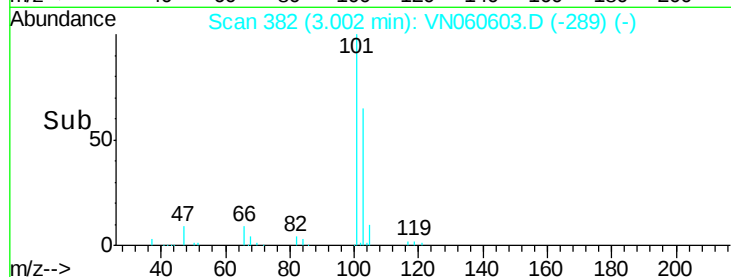
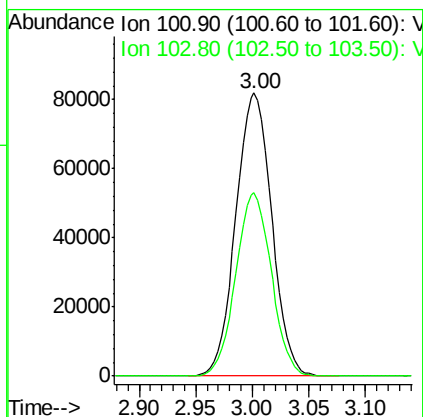
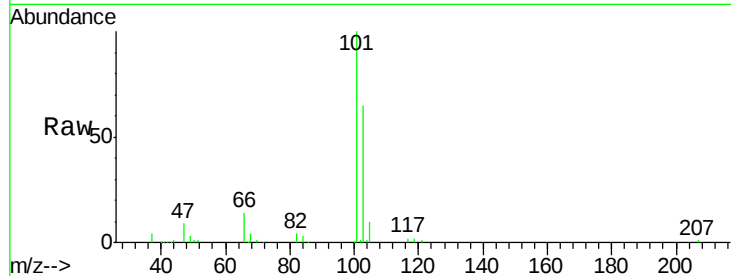
Trichlorofluoromethane  
 Concen: 50.129 ug/l  
 RT: 3.00 min Scan# 382  
 Delta R.T. 0.00 min  
 Lab File: VN060603.D  
 Acq: 18 Mar 2020 19:27

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 101     | 100  |       | 181458 |       |       |
| 103     | 64.8 | 50.6  | 76.0   |       |       |

Manual Integrations  
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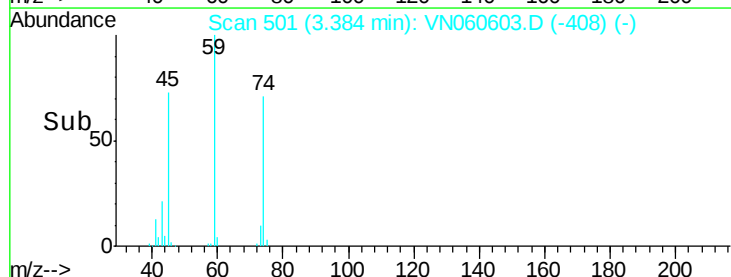
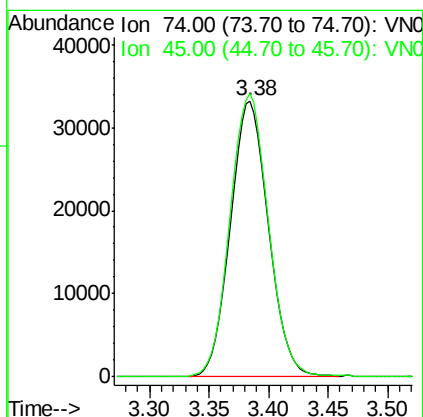
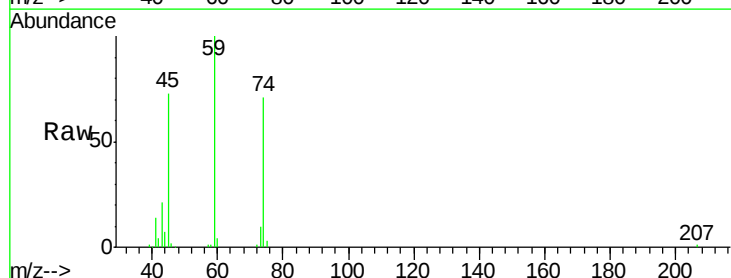
MMDadoda  
 3/19/2020 1:59:41 PM



#8

Diethyl Ether  
 Concen: 50.620 ug/l  
 RT: 3.38 min Scan# 501  
 Delta R.T. 0.00 min  
 Lab File: VN060603.D  
 Acq: 18 Mar 2020 19:27

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 74      | 100   |       | 73610 |       |       |
| 45      | 103.7 | 51.3  | 153.9 |       |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.981 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

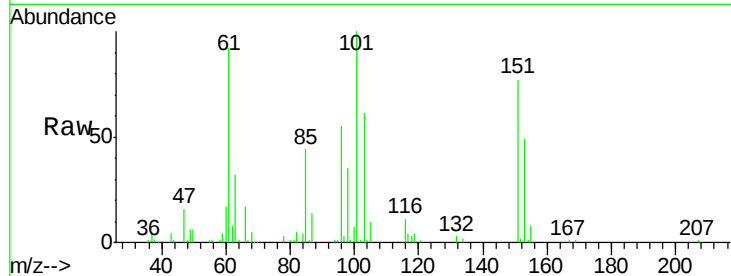
ClientSampleId :

VSTDCCC050EC

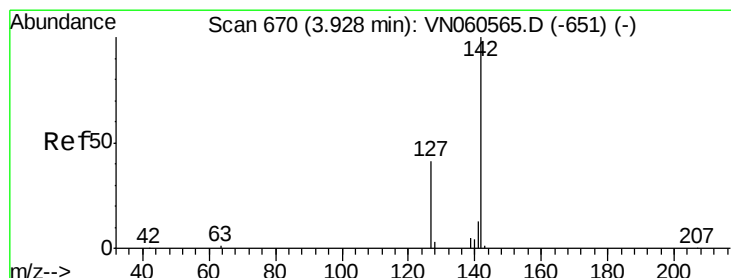
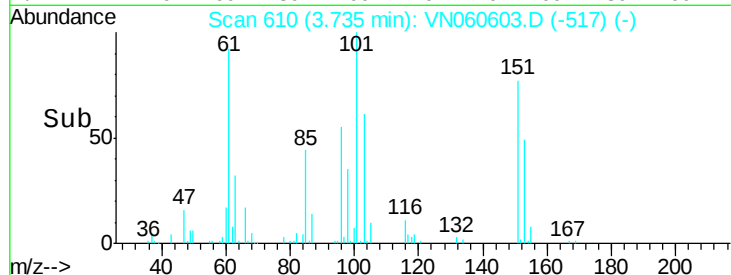
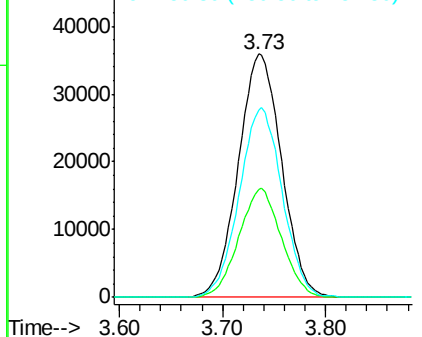
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 104834 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.9  | 35.6  | 53.4   |
| 151       | 77.2  | 61.4  | 92.2   |

Manual Integrations  
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Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 84.90 (84.60 to 85.60): V  
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.539 ug/l

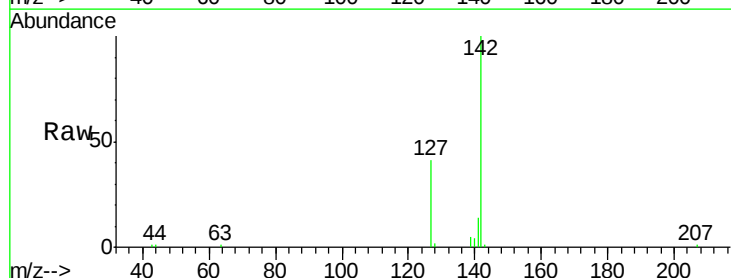
RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

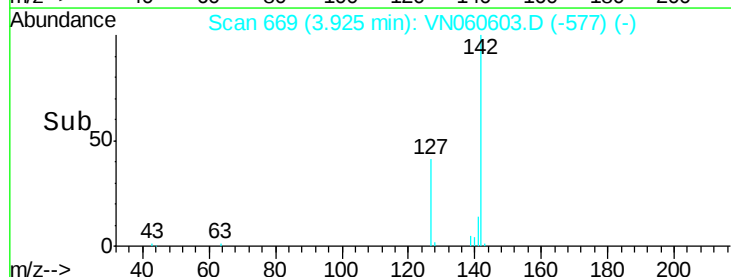
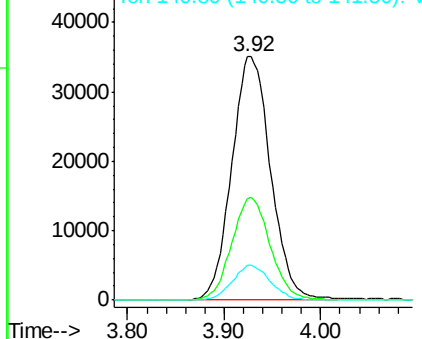
Lab File: VN060603.D

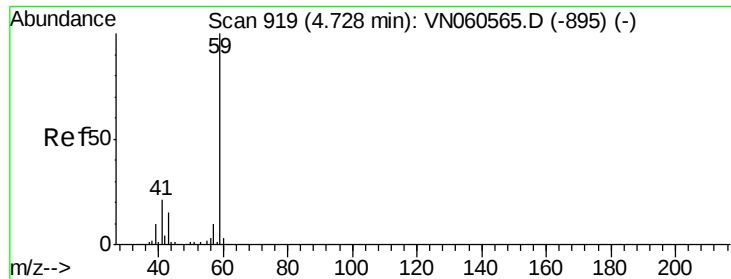
Acq: 18 Mar 2020 19:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 98059 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 41.7  | 33.5  | 50.3  |
| 141       | 13.7  | 11.0  | 16.6  |



Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V





#11

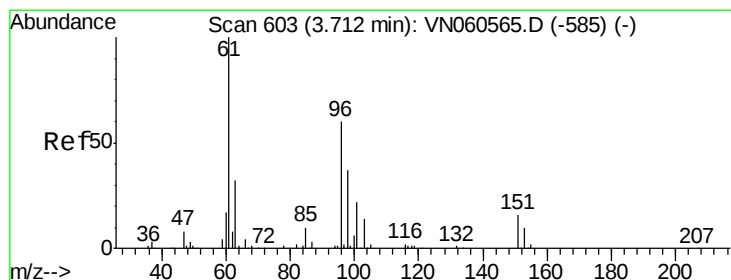
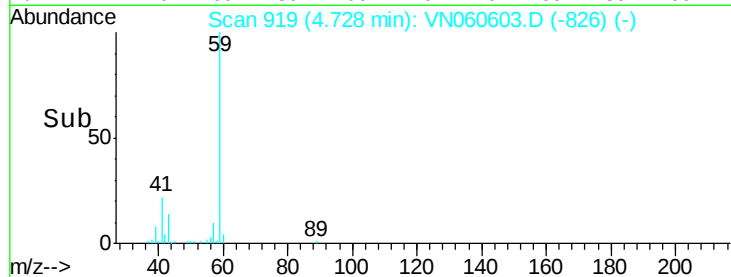
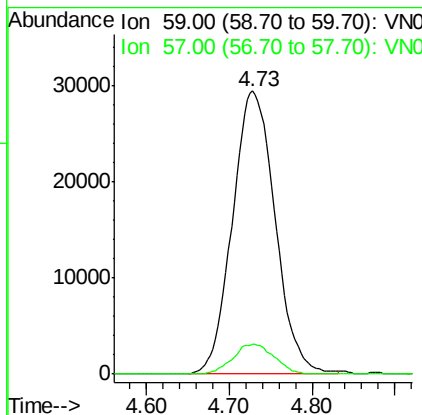
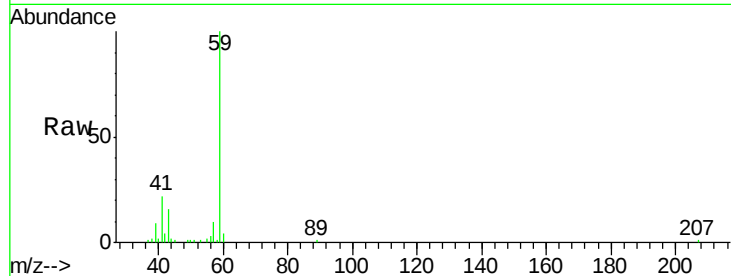
Tert butyl alcohol  
Concen: 250.995 ug/l  
RT: 4.73 min Scan# 919  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.2  | 8.2   | 12.4  |

Manual Integrations  
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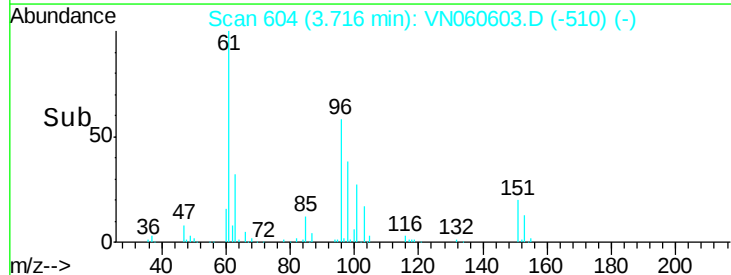
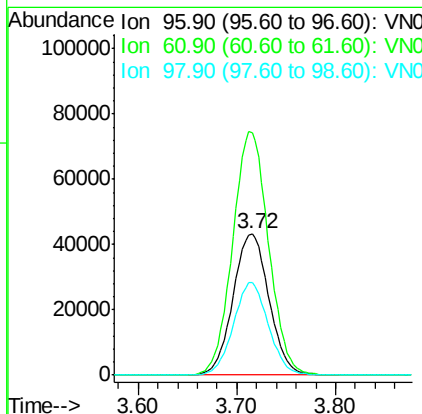
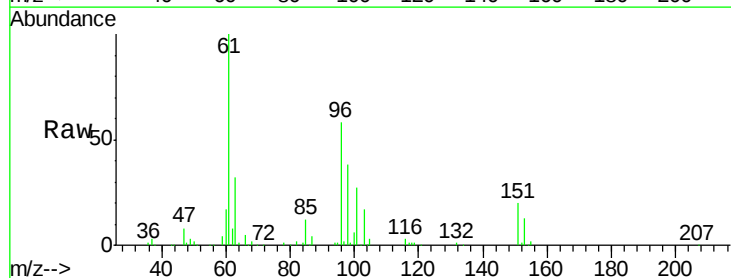
MMDadoda  
3/19/2020 1:59:41 PM

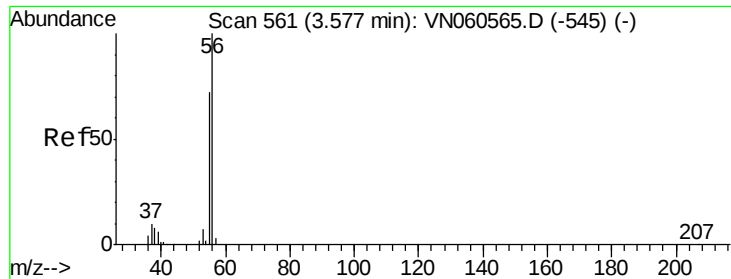


#12

1,1-Dichloroethene  
Concen: 48.811 ug/l  
RT: 3.72 min Scan# 604  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 171.4 | 134.1 | 201.1 |
| 98      | 65.3  | 49.9  | 74.9  |





#13

Acrolein

Concen: 230.994 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 107453

Ion Ratio Lower Upper

56 100

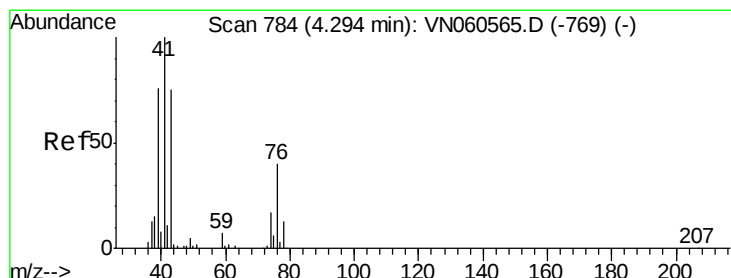
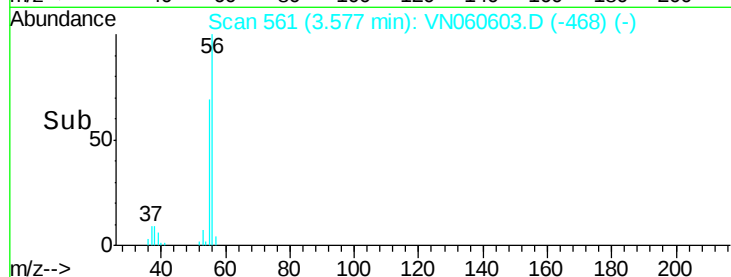
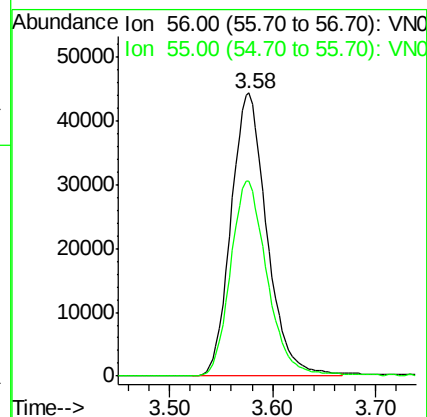
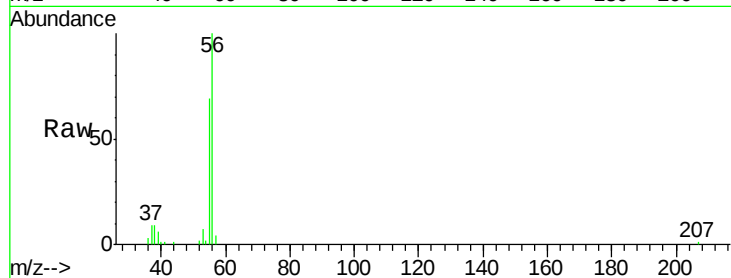
55 70.8 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 48.489 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

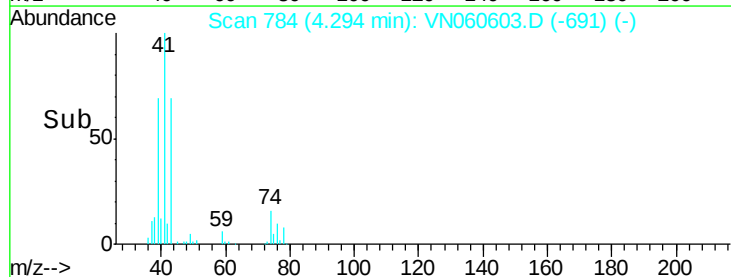
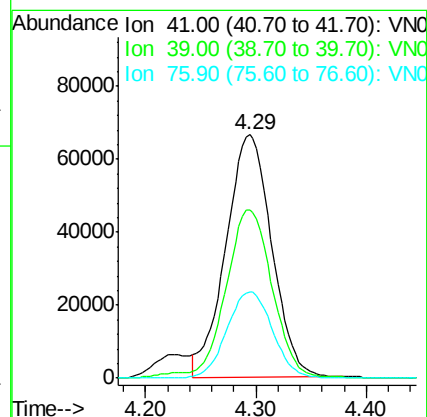
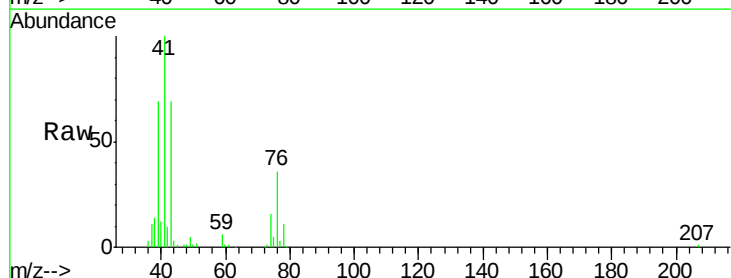
Tgt Ion: 41 Resp: 191958

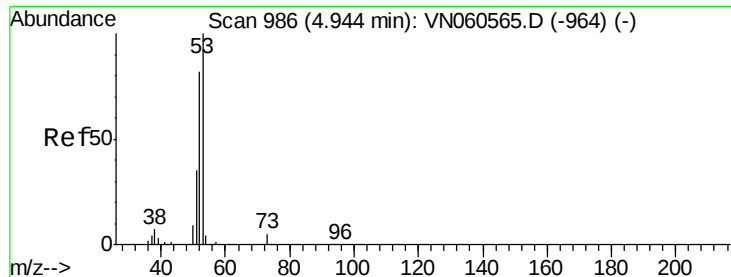
Ion Ratio Lower Upper

41 100

39 68.3 57.8 86.8

76 35.3 28.6 43.0





#15

Acrylonitrile

Concen: 257.895 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

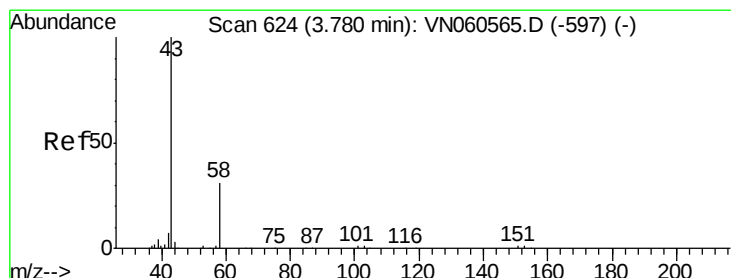
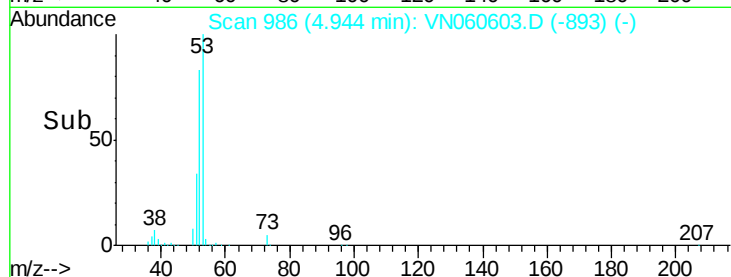
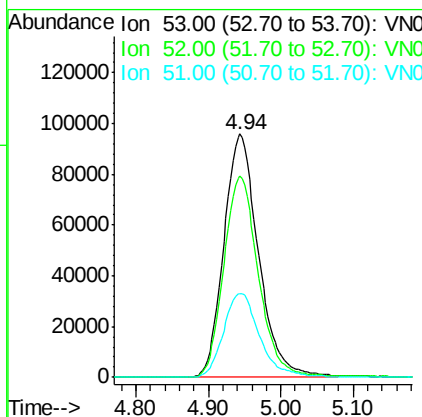
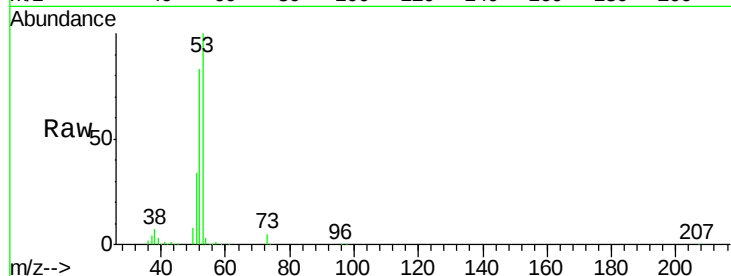
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 318302 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.7  | 66.2  | 99.4   |
| 51       | 36.0  | 28.7  | 43.1   |

Manual Integrations  
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#16

Acetone

Concen: 254.447 ug/l

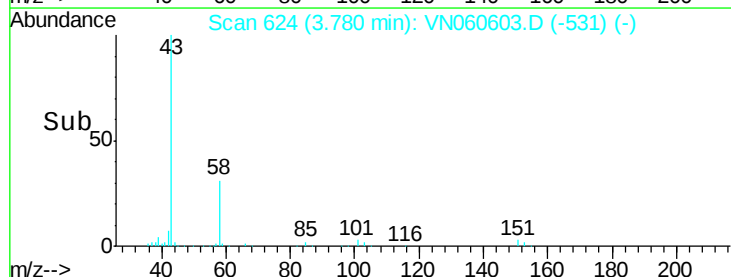
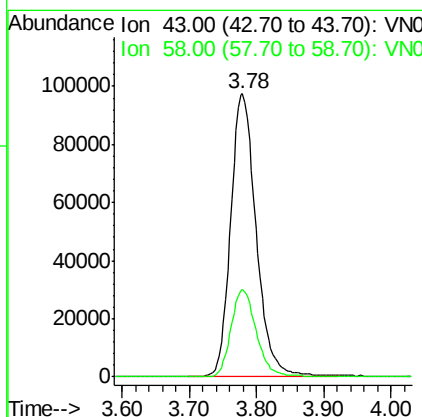
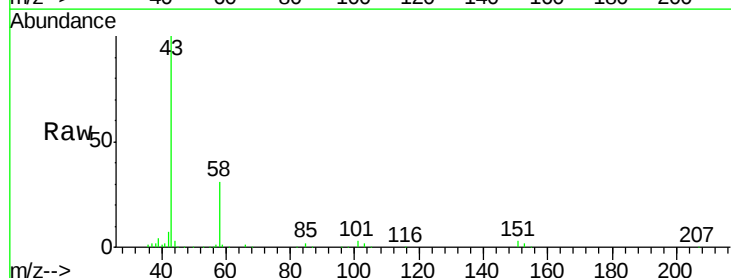
RT: 3.78 min Scan# 624

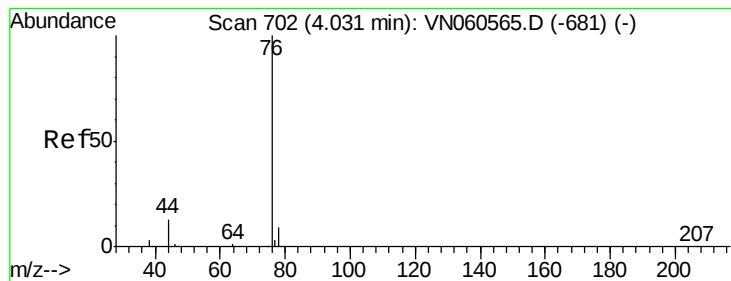
Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 257225 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 30.9  | 25.1  | 37.7   |





#17

Carbon Disulfide

Concen: 49.054 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 335798

Ion Ratio Lower Upper

76 100

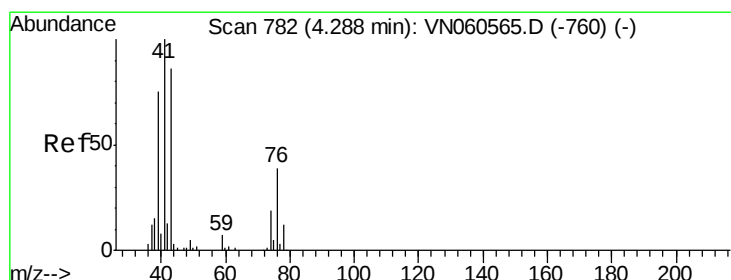
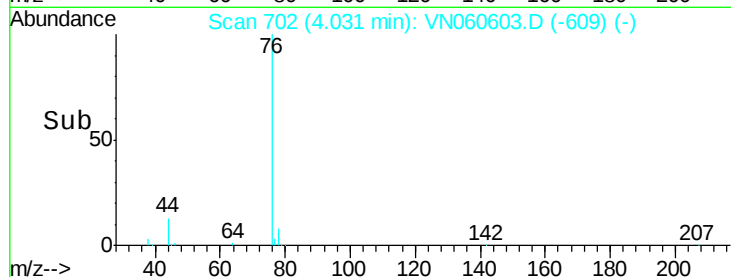
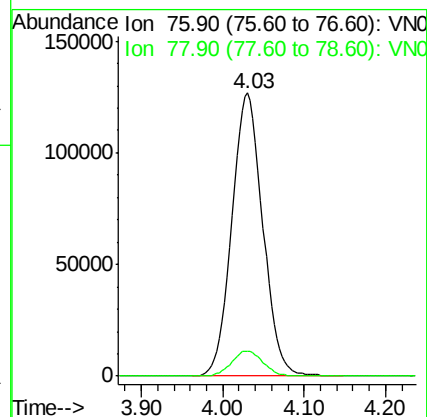
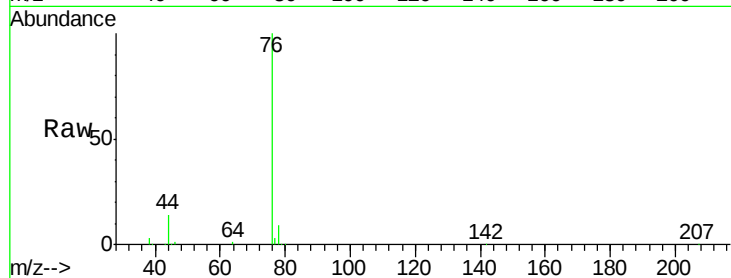
78 8.9 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 50.295 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN060603.D

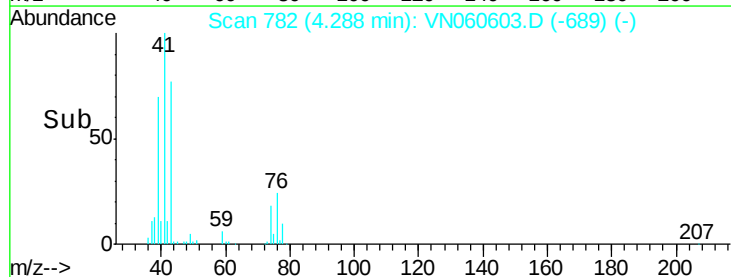
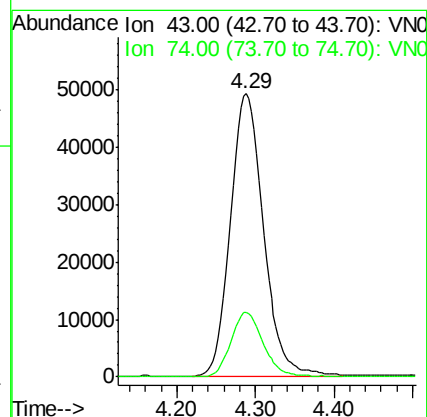
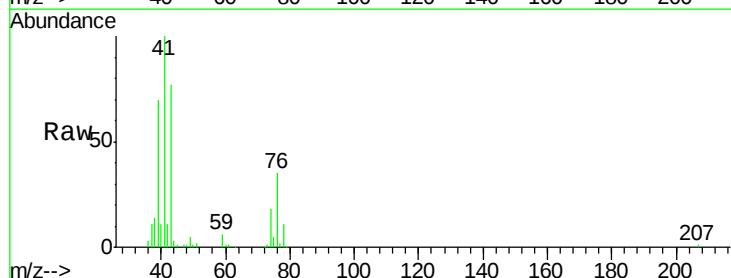
Acq: 18 Mar 2020 19:27

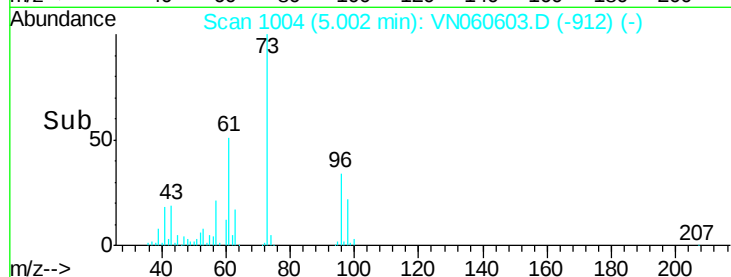
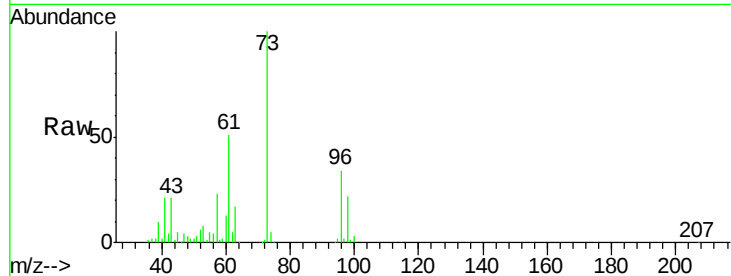
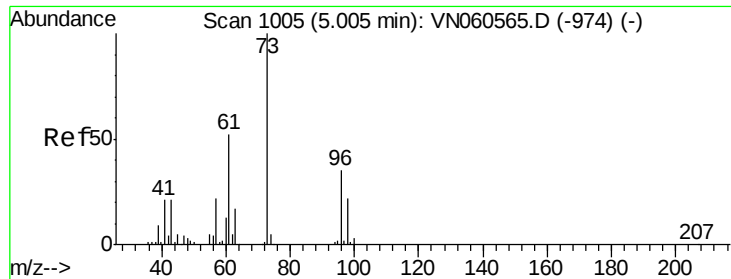
Tgt Ion: 43 Resp: 143112

Ion Ratio Lower Upper

43 100

74 22.3 17.5 26.3





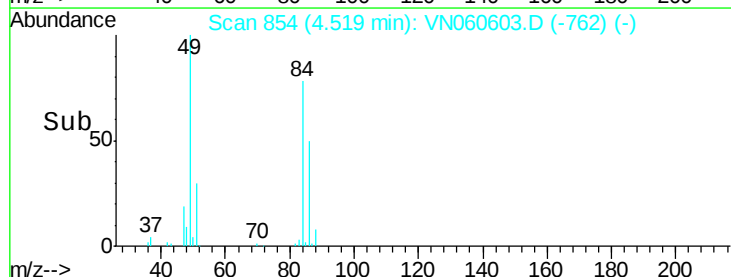
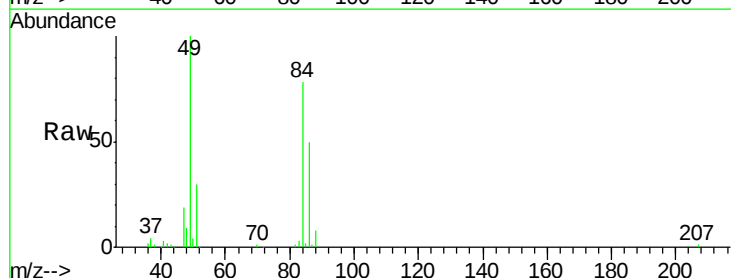
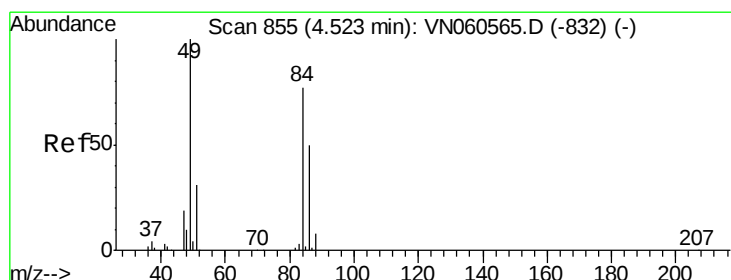
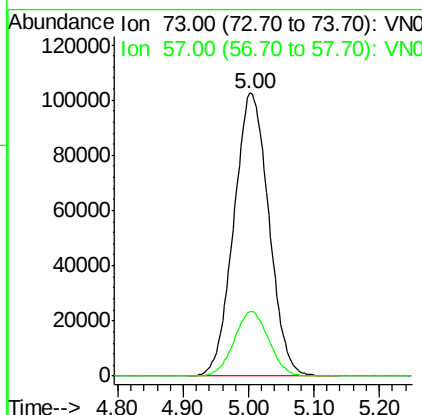
#19  
Methyl tert-butyl Ether  
Concen: 49.342 ug/l  
RT: 5.00 min Scan# 1004  
Delta R.T. -0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

Tot Ion: 73 Resp: 381840  
Ion Ratio Lower Upper  
73 100  
57 22.9 17.5 26.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

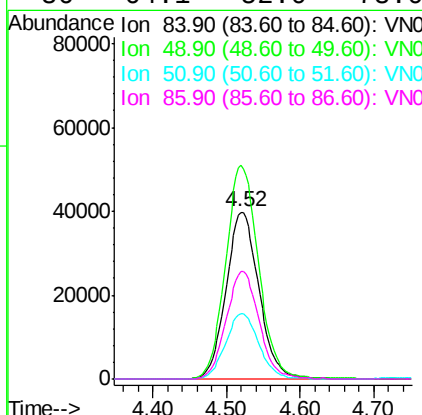
Manual Integrations  
APPROVED

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3/19/2020 1:59:41 PM



#20  
Methylene Chloride  
Concen: 49.778 ug/l  
RT: 4.52 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

Tgt Ion: 84 Resp: 123788  
Ion Ratio Lower Upper  
84 100  
49 127.9 103.3 154.9  
51 39.0 31.6 47.4  
86 64.1 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 49.111 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 117813

Ion Ratio Lower Upper

96 100

61 145.8 114.4 171.6

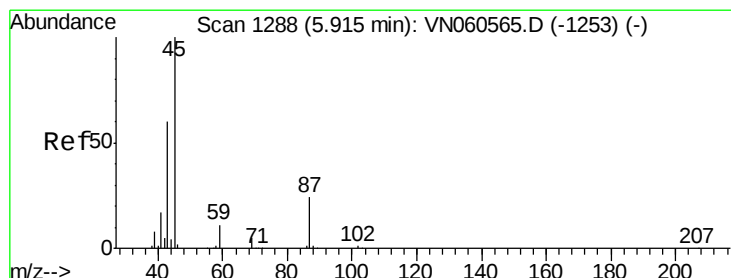
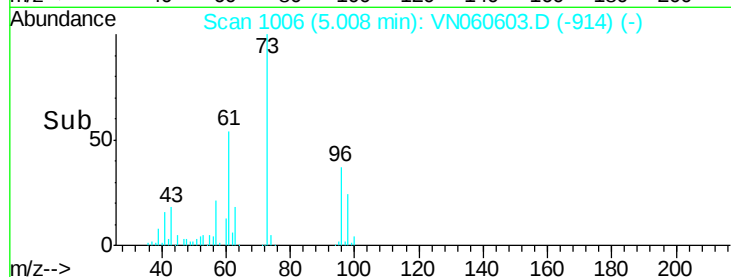
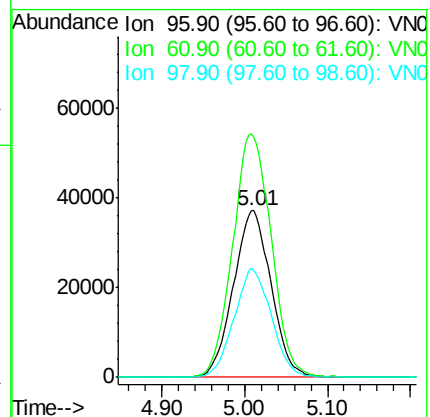
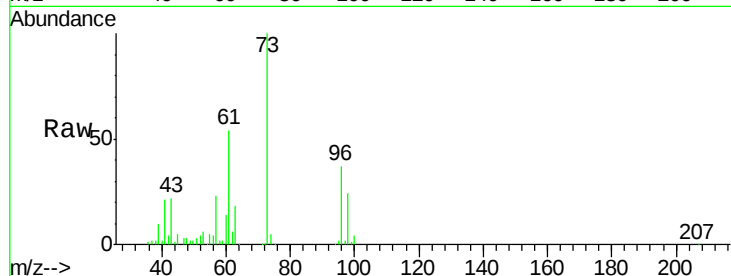
98 65.4 48.4 72.6

Manual Integrations

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3/19/2020 1:59:41 PM



#22

Diisopropyl ether

Concen: 50.833 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Tgt Ion: 45 Resp: 425151

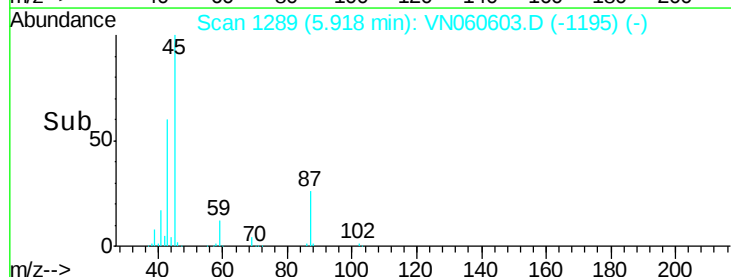
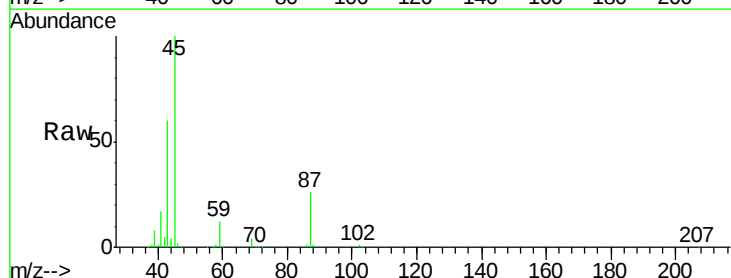
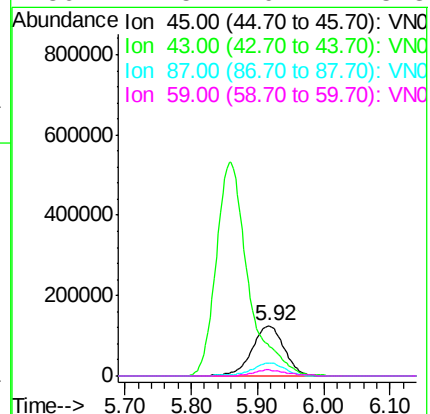
Ion Ratio Lower Upper

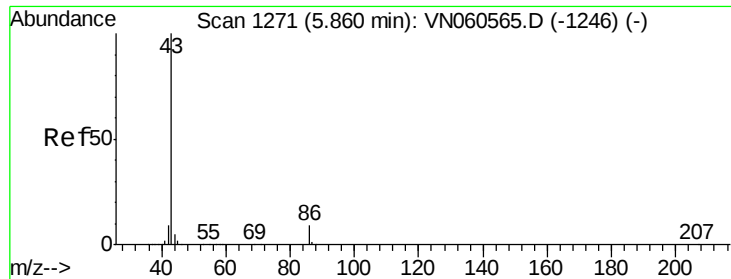
45 100

43 59.0 49.8 74.8

87 25.6 20.1 30.1

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 261.781 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1786404

Ion Ratio Lower Upper

43 100

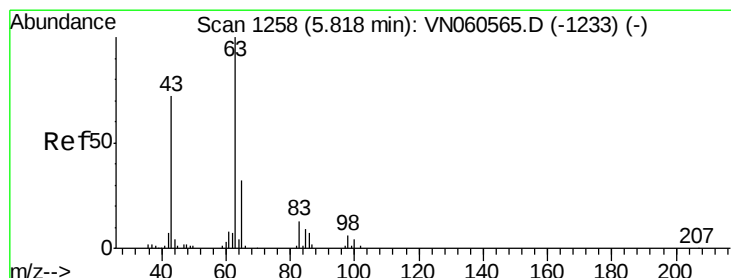
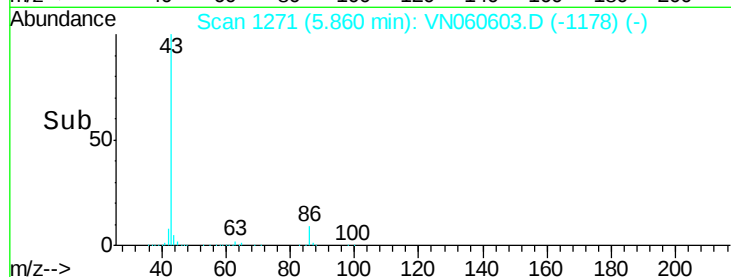
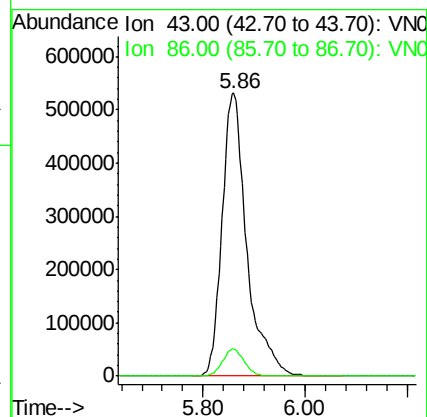
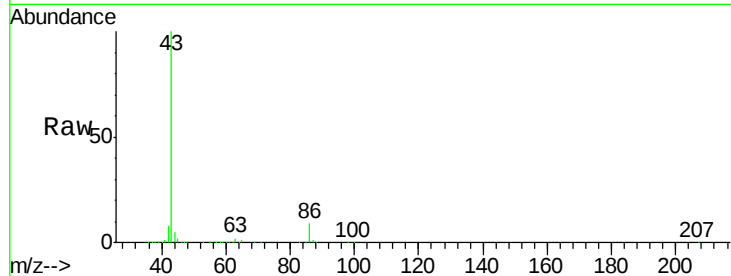
86 9.5 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 50.224 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

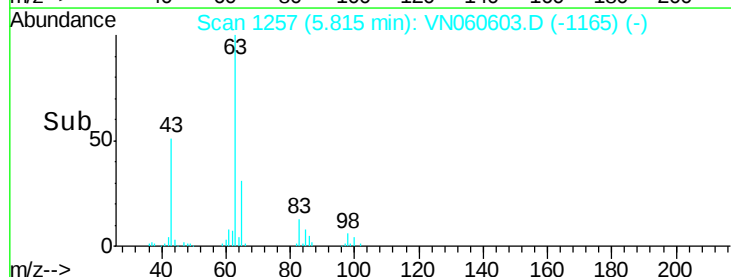
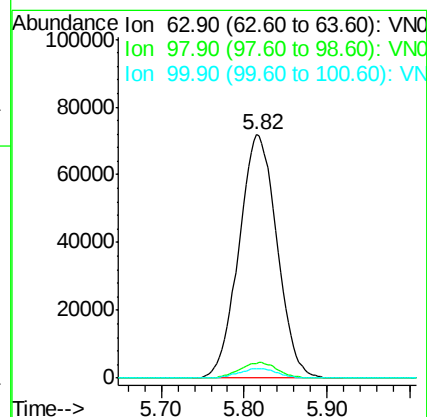
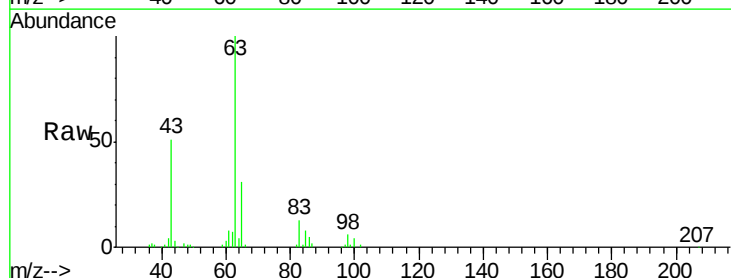
Tgt Ion: 63 Resp: 228994

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.7

100 3.9 1.8 5.5





#25

2-Butanone

Concen: 261.381 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 427577

Ion Ratio Lower Upper

43 100

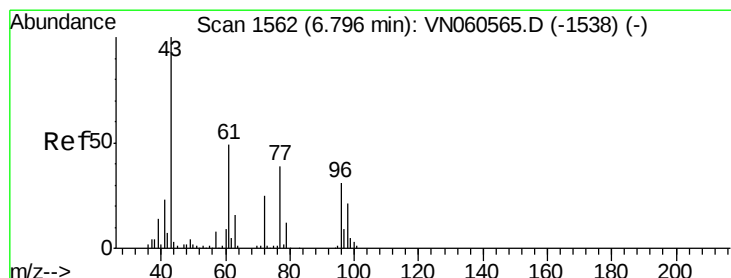
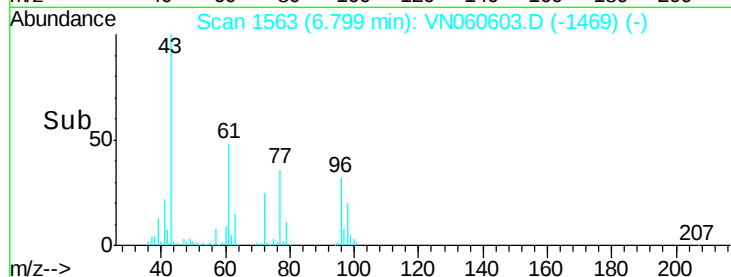
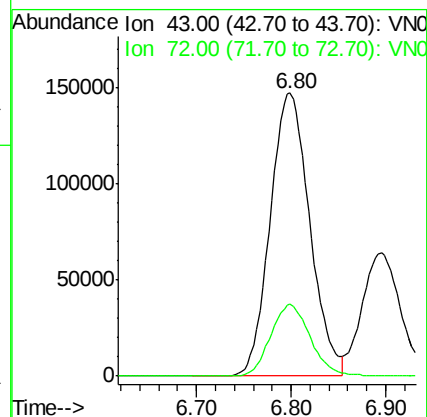
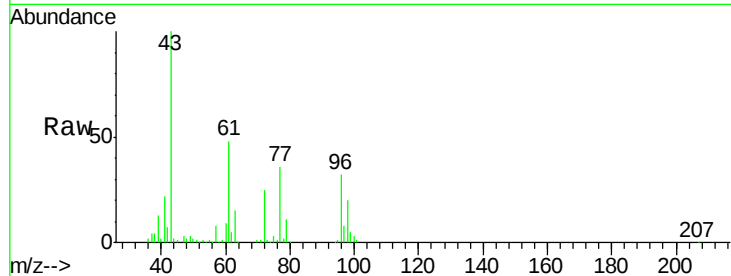
72 25.4 20.4 30.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.609 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060603.D

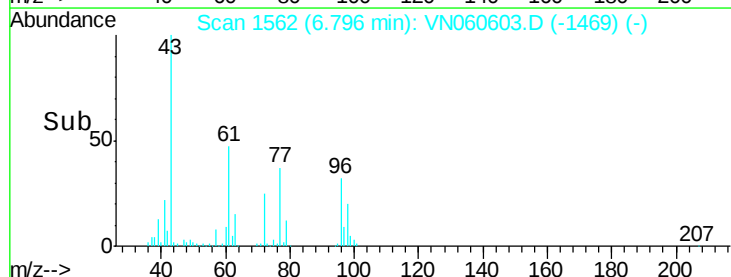
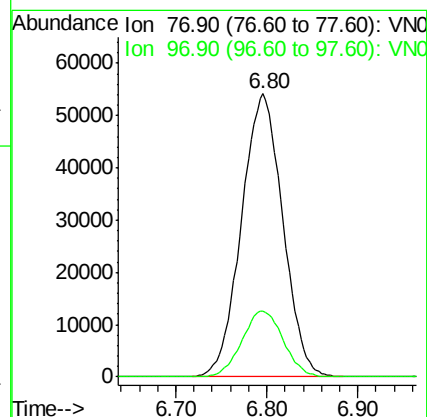
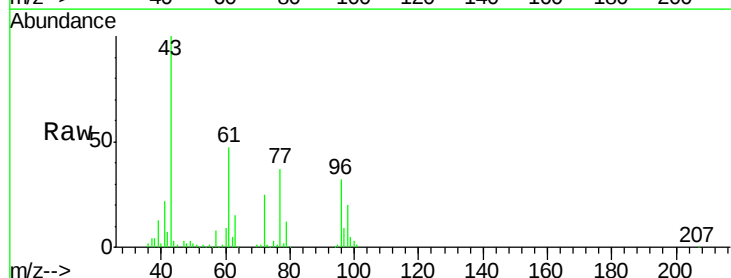
Acq: 18 Mar 2020 19:27

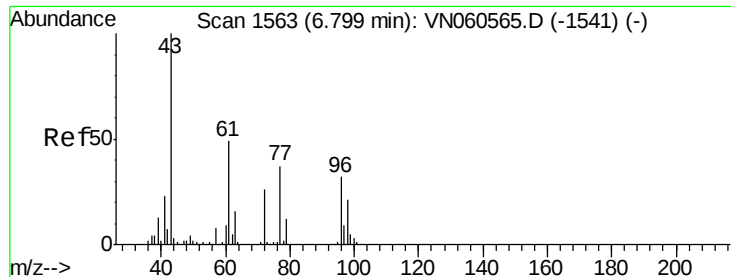
Tgt Ion: 77 Resp: 170789

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.819 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

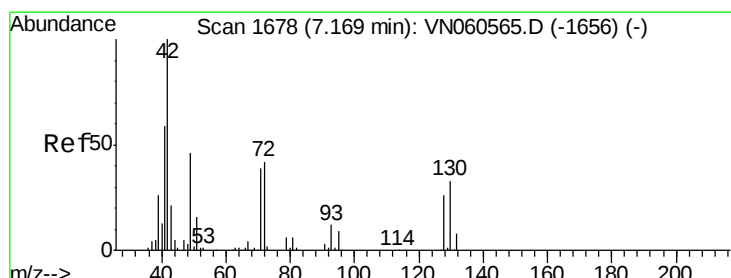
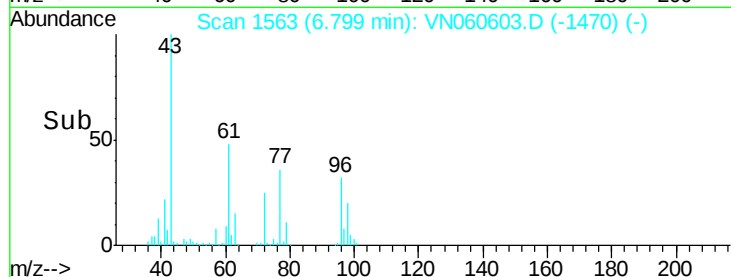
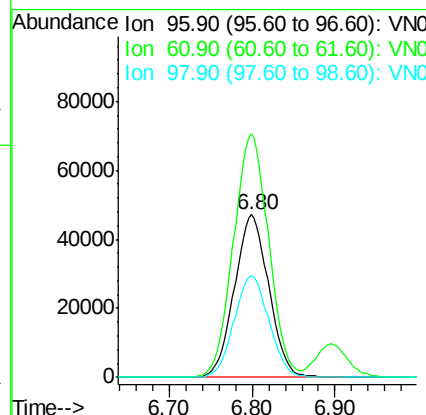
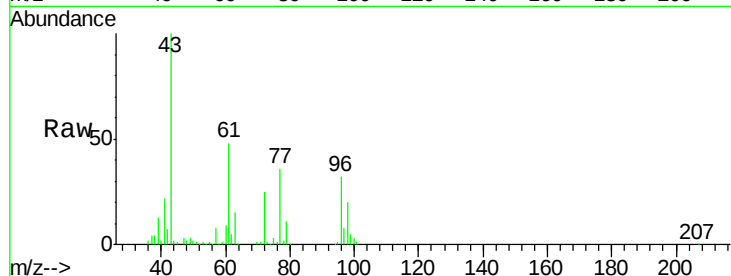
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 135810 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 153.2 | 0.0   | 305.6  |
| 98       | 63.3  | 0.0   | 127.6  |

Manual Integrations  
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#28

Bromochloromethane

Concen: 50.679 ug/l

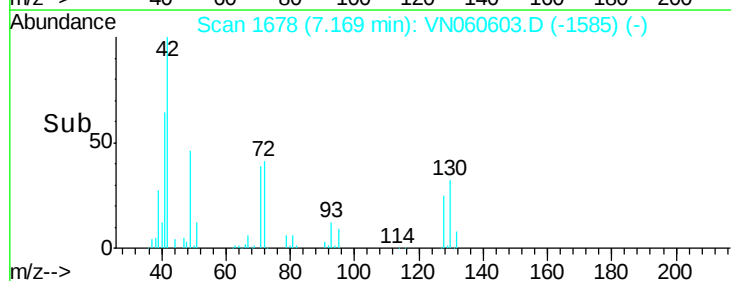
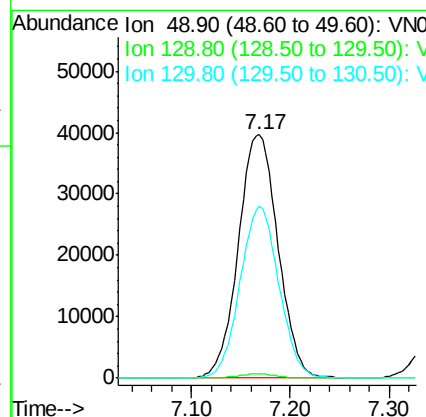
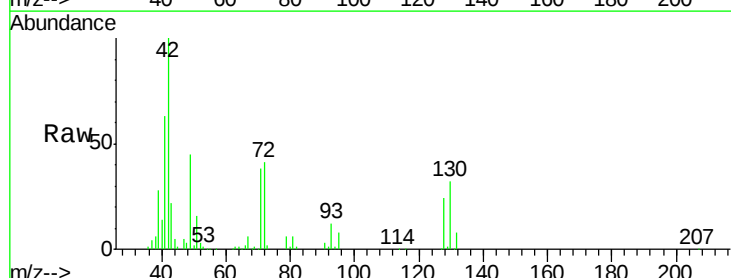
RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 110553 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 1.6   | 0.0   | 3.4    |
| 130      | 68.9  | 55.0  | 82.4   |





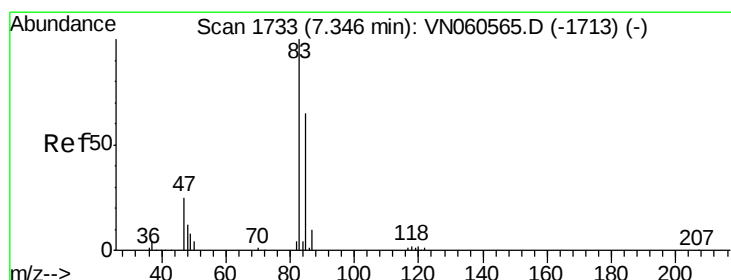
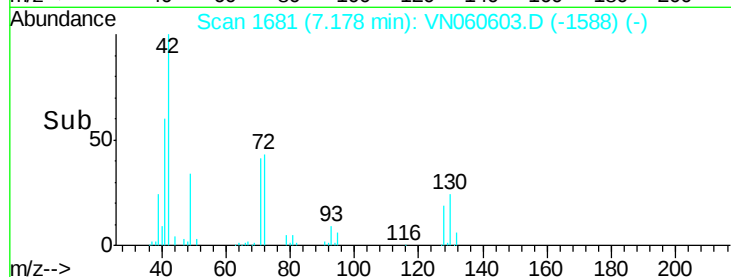
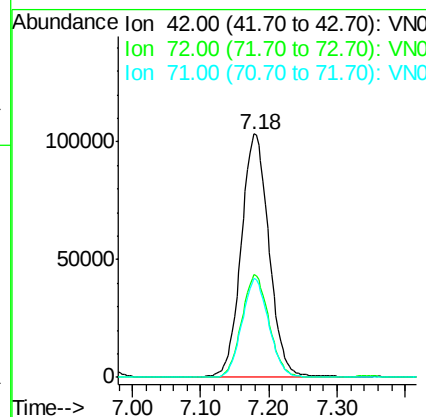
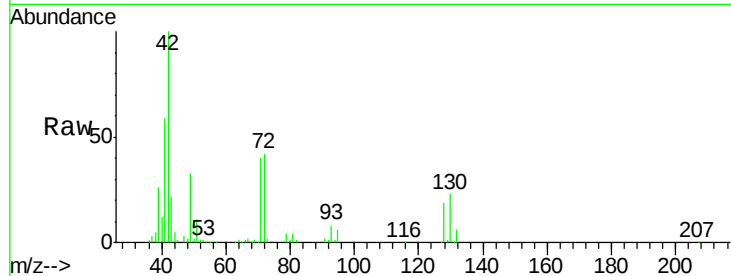
#29  
Tetrahydrofuran  
Concen: 253.992 ug/l  
RT: 7.18 min Scan# 1681  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 41.3  | 33.2  | 49.8  |
| 71      | 39.1  | 31.1  | 46.7  |

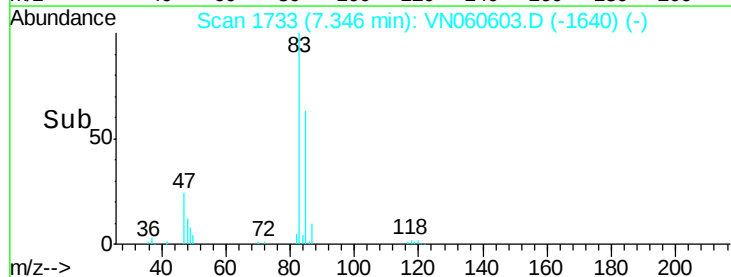
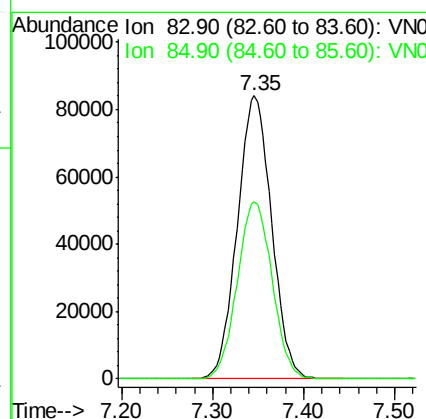
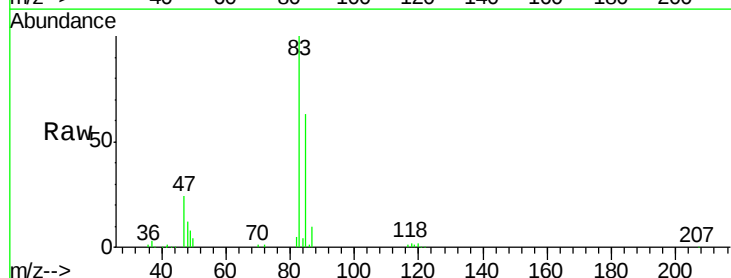
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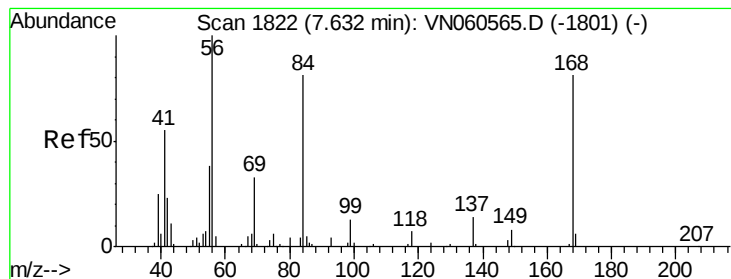
MMDadoda  
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#30  
Chloroform  
Concen: 50.296 ug/l  
RT: 7.35 min Scan# 1733  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.7  | 51.8  | 77.8  |





#31

Cyclohexane

Concen: 47.826 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 219835

Ion Ratio Lower Upper

56 100

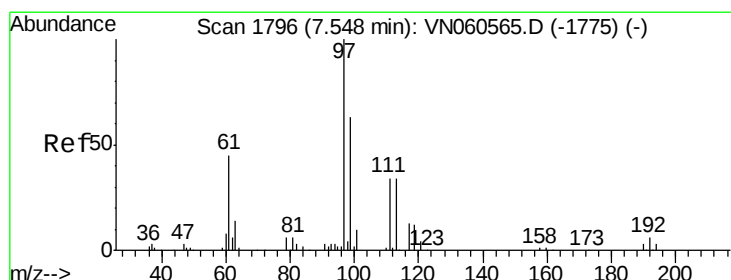
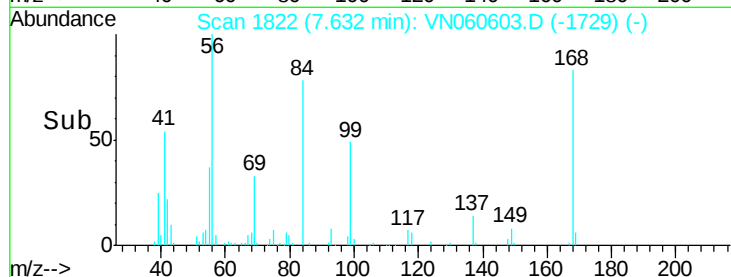
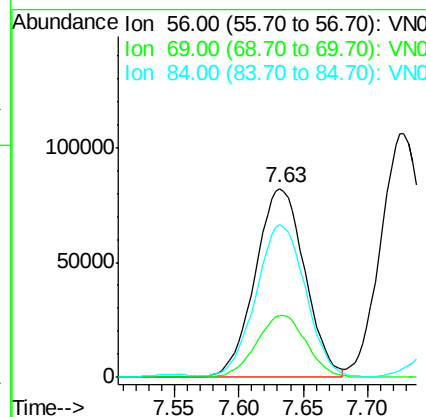
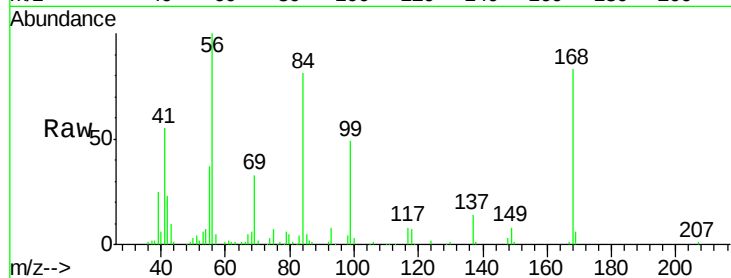
69 32.9 26.6 40.0

84 79.9 64.3 96.5

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#32

1,1,1-Trichloroethane

Concen: 49.600 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

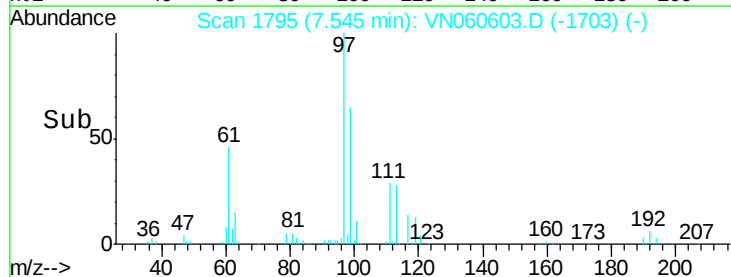
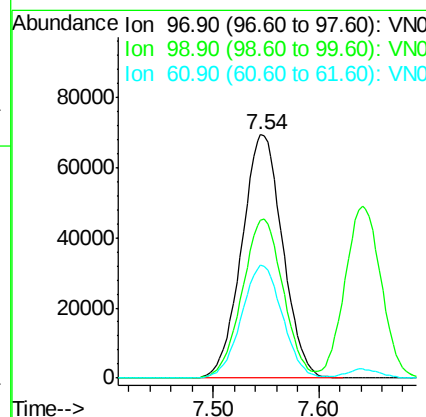
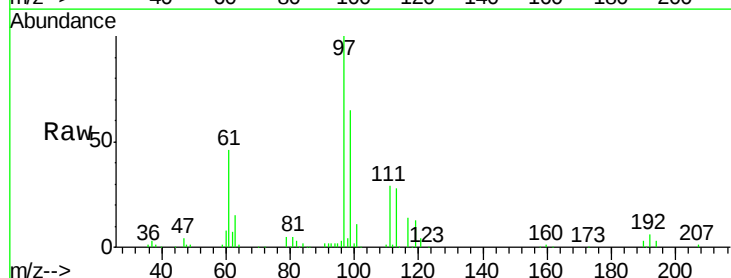
Tgt Ion: 97 Resp: 186897

Ion Ratio Lower Upper

97 100

99 65.3 50.6 75.8

61 46.3 36.2 54.4





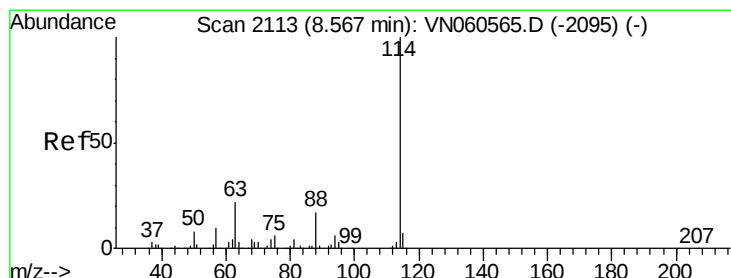
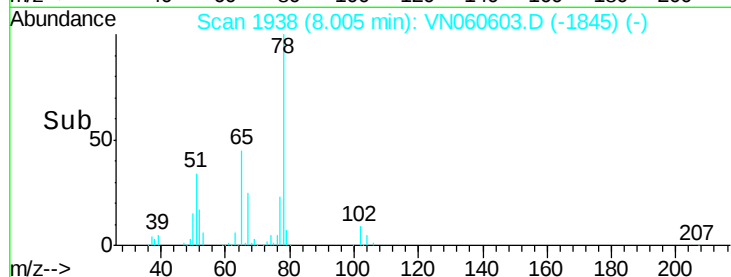
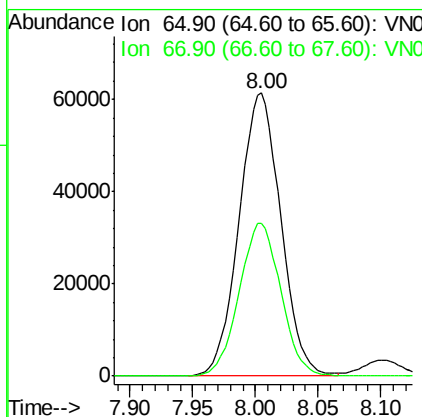
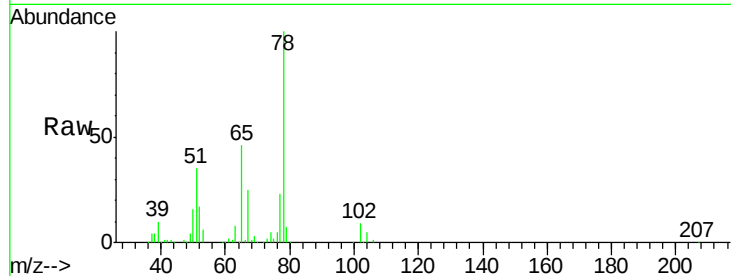
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.888 ug/l  
 RT: 8.00 min Scan# 1938  
 Delta R.T. 0.00 min  
 Lab File: VN060603.D  
 Acq: 18 Mar 2020 19:27

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 142376 |       |       |
| 67      | 53.8  | 0.0    | 107.6 |       |

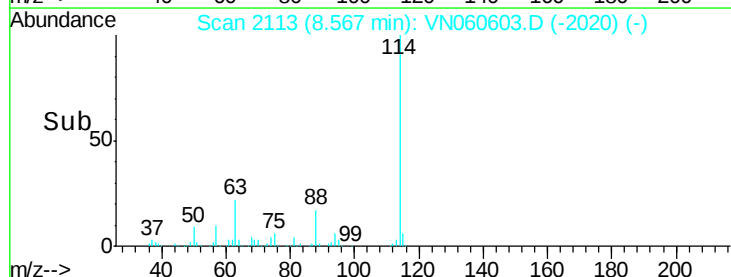
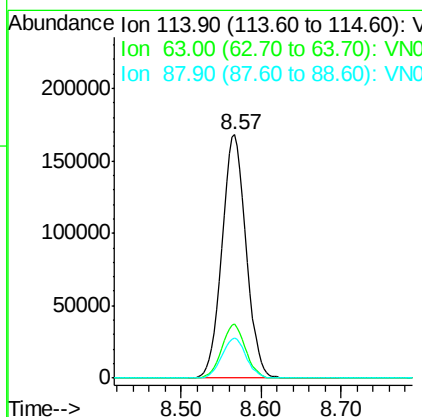
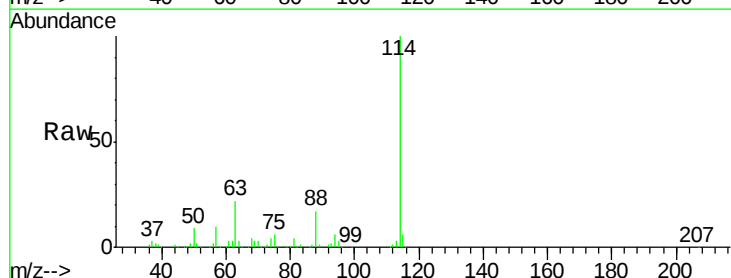
Manual Integrations  
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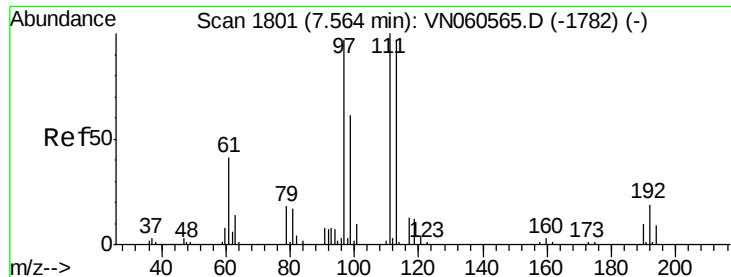
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VN060603.D  
 Acq: 18 Mar 2020 19:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 349306 |       |       |
| 63      | 22.0  | 0.0    | 43.8  |       |
| 88      | 16.6  | 0.0    | 33.0  |       |





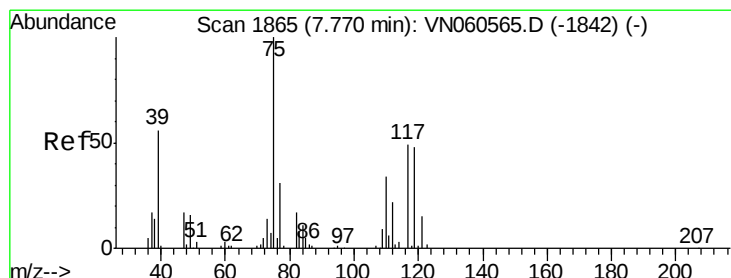
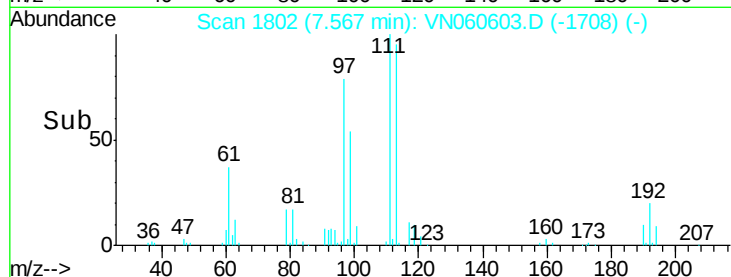
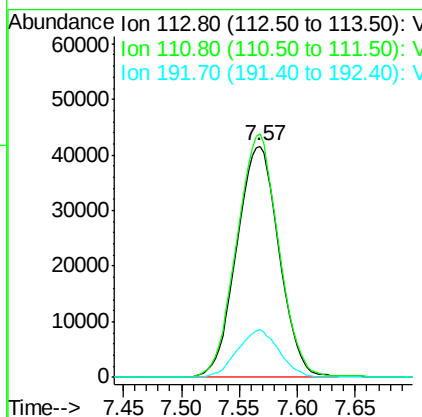
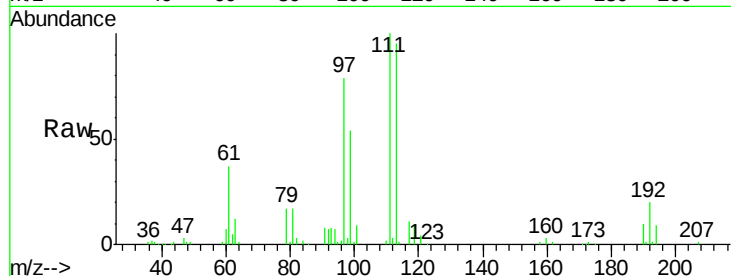
#35  
 Dibromofluoromethane  
 Concen: 50.110 ug/l  
 RT: 7.57 min Scan# 1802  
 Delta R.T. 0.00 min  
 Lab File: VN060603.D  
 Acq: 18 Mar 2020 19:27

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 105839 |       |       |
| 111     | 104.1 | 82.9   | 124.3 |       |
| 192     | 20.2  | 15.8   | 23.8  |       |

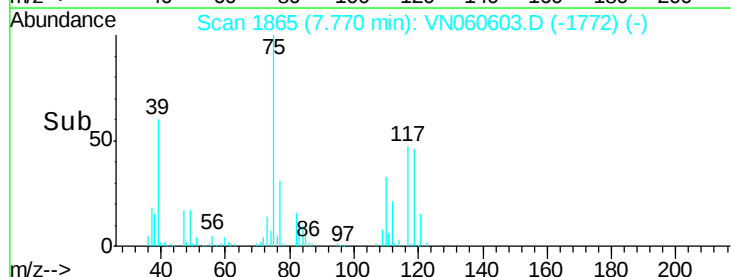
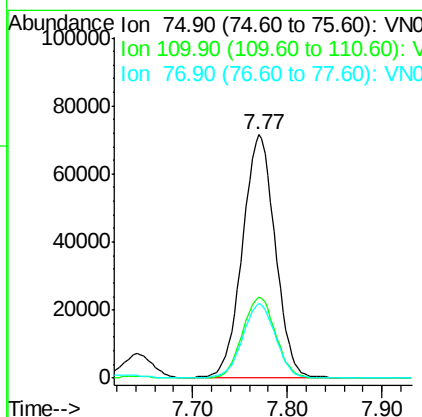
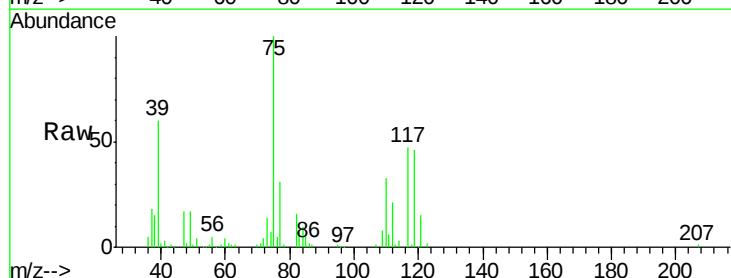
Manual Integrations  
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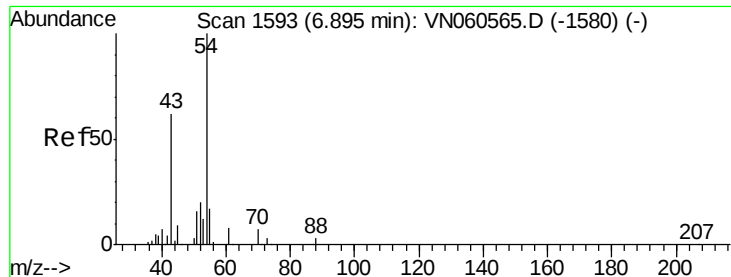
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#36  
 1,1-Dichloropropene  
 Concen: 50.950 ug/l  
 RT: 7.77 min Scan# 1865  
 Delta R.T. 0.00 min  
 Lab File: VN060603.D  
 Acq: 18 Mar 2020 19:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 172332 |       |       |
| 110     | 33.4  | 16.9   | 50.6  |       |
| 77      | 30.7  | 24.6   | 36.8  |       |





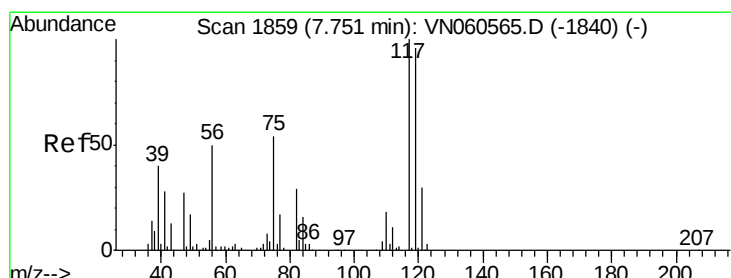
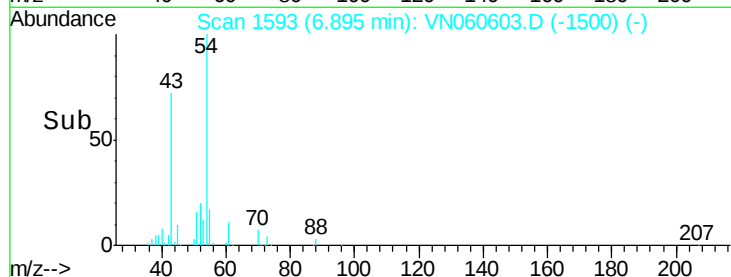
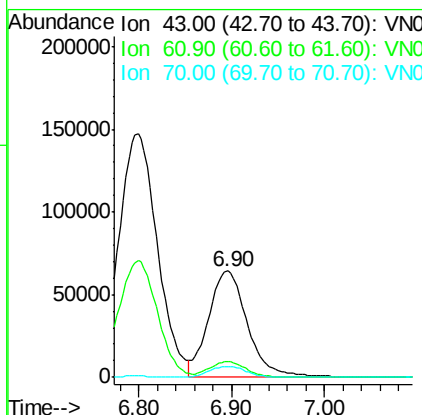
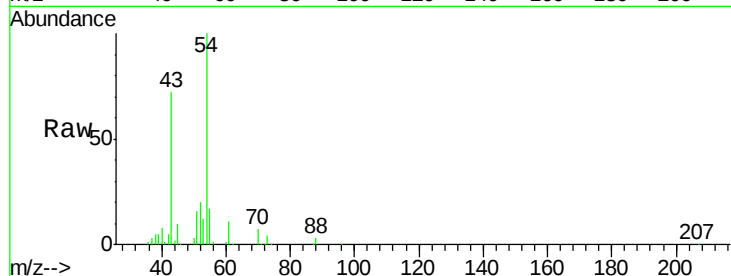
#37  
Ethyl Acetate  
Concen: 50.440 ug/l  
RT: 6.90 min Scan# 1593  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.2  | 10.6  | 15.8  |
| 70      | 10.1  | 7.9   | 11.9  |

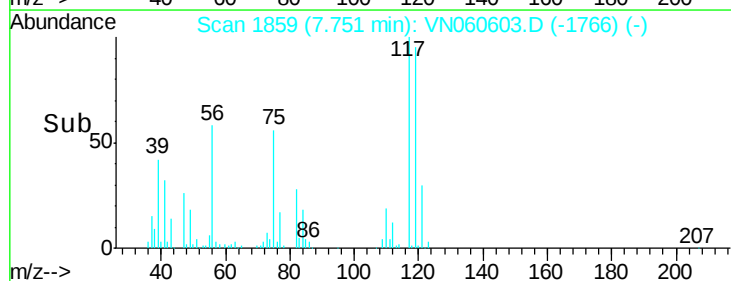
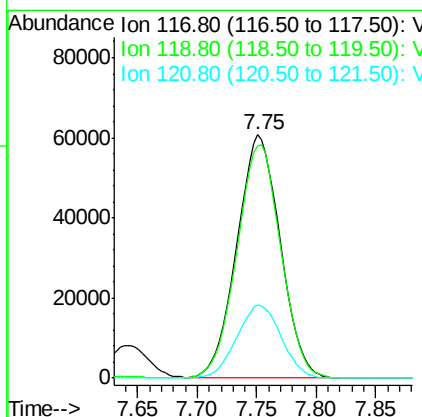
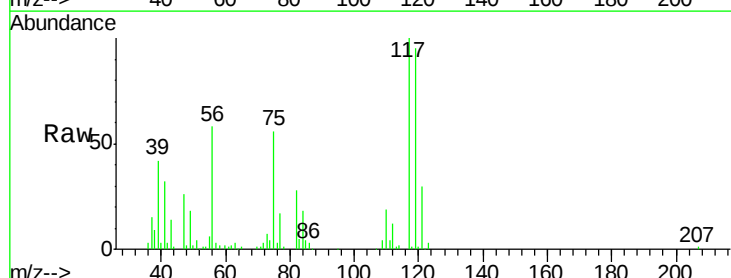
Manual Integrations  
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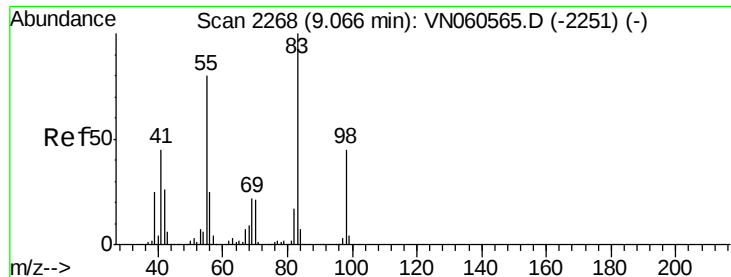
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 50.618 ug/l  
RT: 7.75 min Scan# 1859  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.4  | 76.2  | 114.2 |
| 121     | 30.0  | 23.7  | 35.5  |





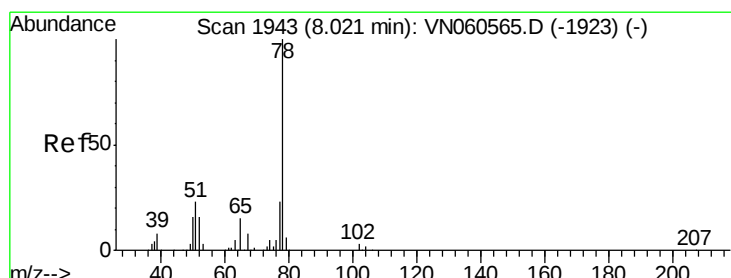
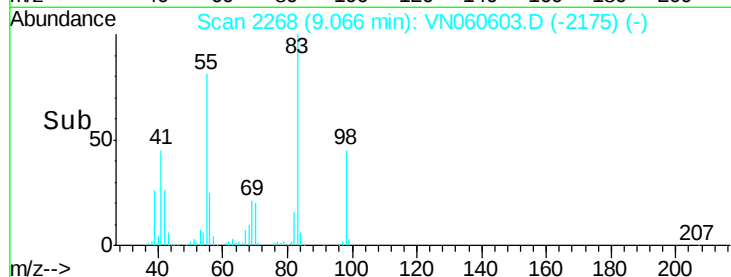
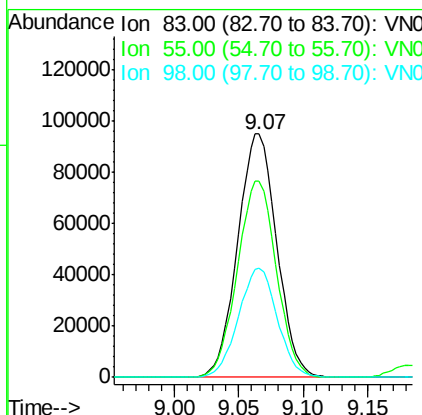
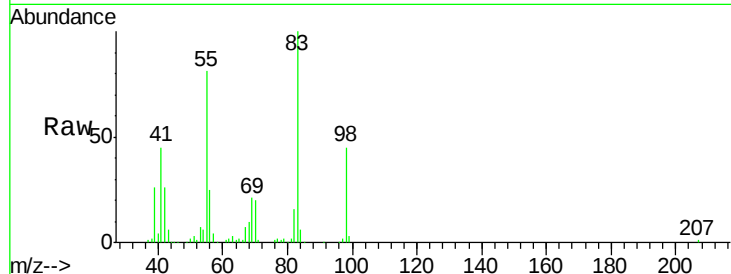
#39  
Methvlcvclohexane  
Concen: 49.864 ug/l  
RT: 9.07 min Scan# 2268  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 80.7  | 63.6  | 95.4  |
| 98      | 44.9  | 36.0  | 54.0  |

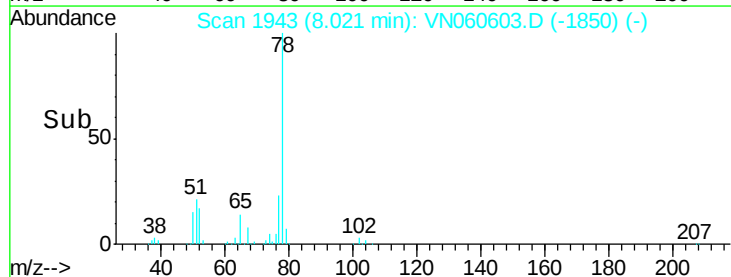
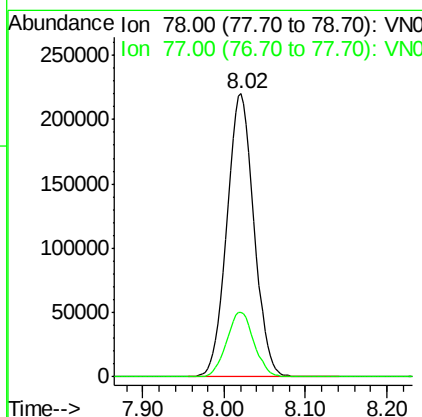
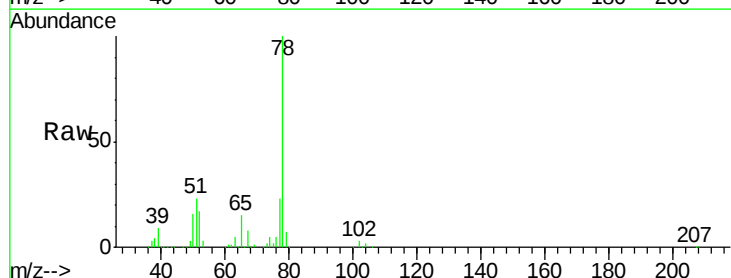
Manual Integrations  
APPROVED

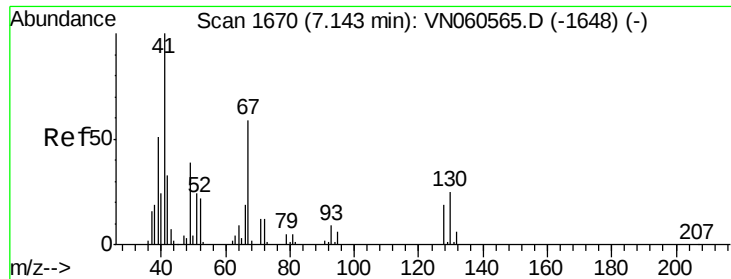
MMDadoda  
3/19/2020 1:59:41 PM



#40  
Benzene  
Concen: 50.334 ug/l  
RT: 8.02 min Scan# 1943  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.9  | 18.6  | 28.0  |





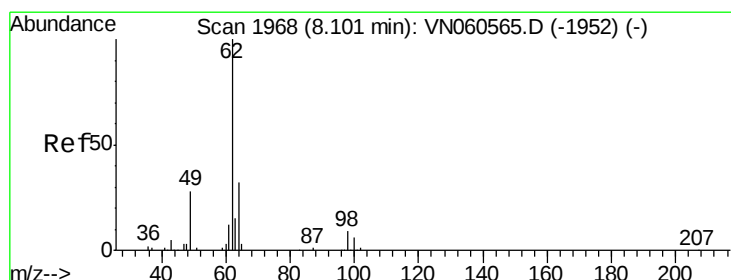
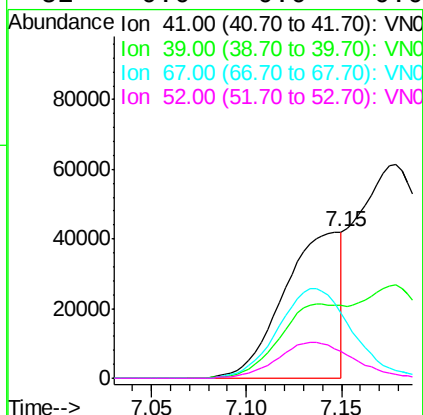
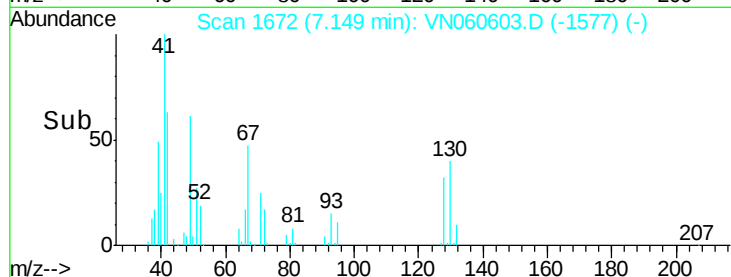
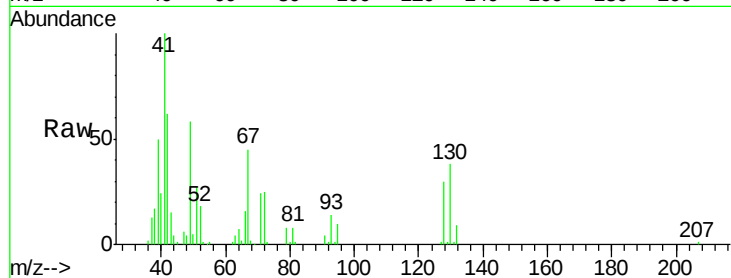
#41  
Methacrylonitrile  
Concen: 56.426 ug/l m  
RT: 7.15 min Scan# 1672  
Delta R.T. 0.01 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 41    | Resp  | 88009 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 0.0   | 0.0   | 0.0   |
| 67      | 0.0   | 0.0   | 0.0   |
| 52      | 0.0   | 0.0   | 0.0   |

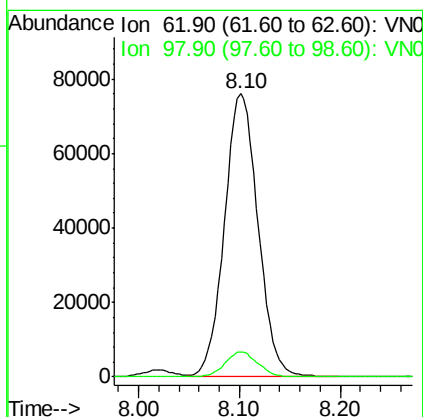
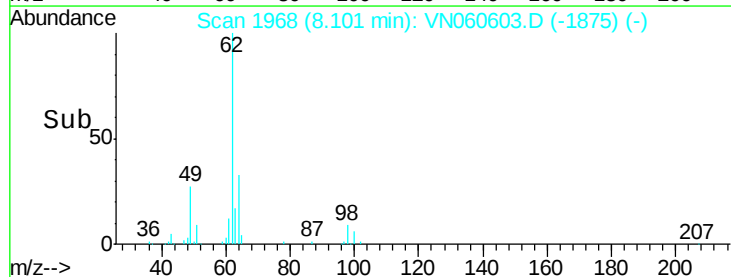
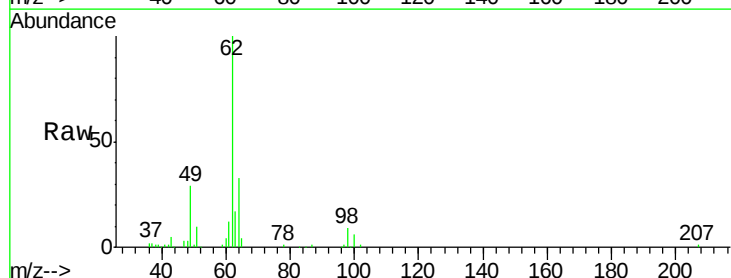
Manual Integrations  
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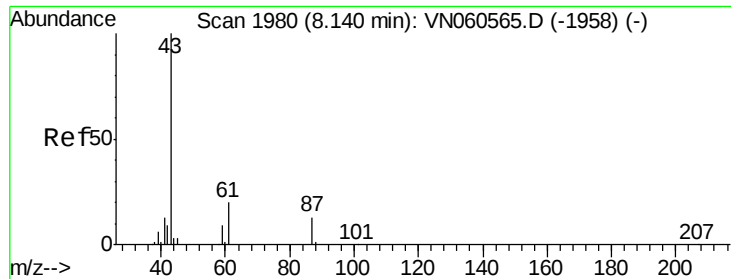
MMDadoda  
3/19/2020 1:59:41 PM



#42  
1,2-Dichloroethane  
Concen: 50.633 ug/l  
RT: 8.10 min Scan# 1968  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

| Tgt Ion | 62    | Resp  | 176681 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 62      | 100   |       |        |
| 98      | 8.6   | 0.0   | 17.8   |





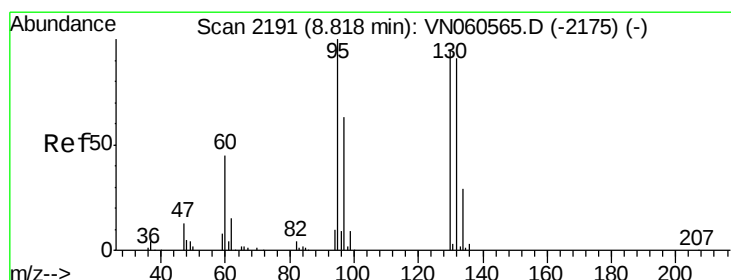
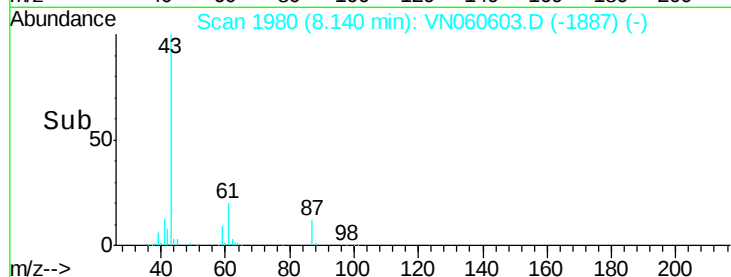
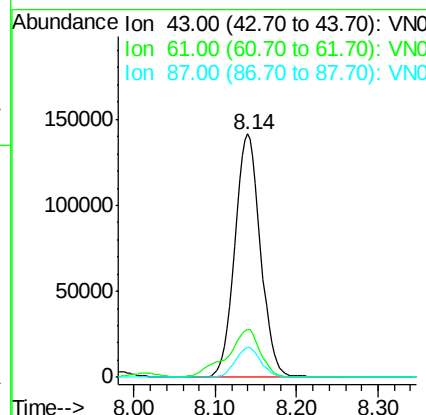
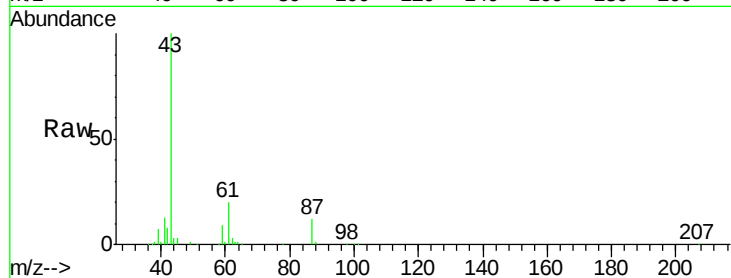
#43  
Isopropyl Acetate  
Concen: 51.629 ug/l  
RT: 8.14 min Scan# 1980  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 25.5  | 20.7  | 31.1  |
| 87      | 12.1  | 9.8   | 14.8  |

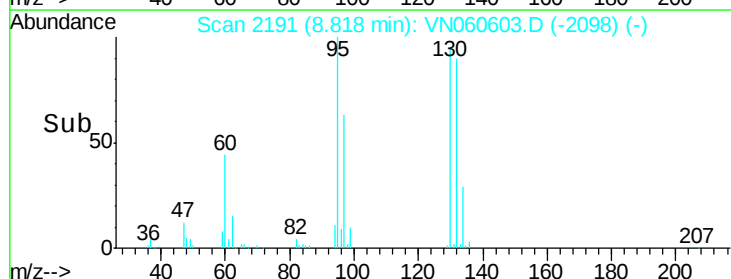
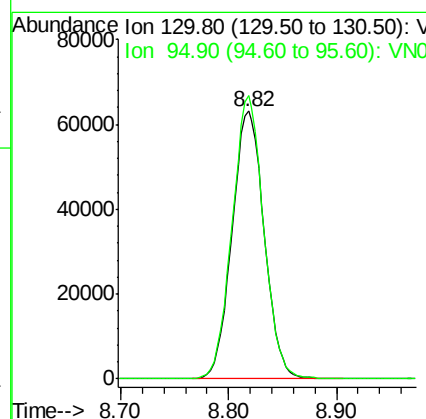
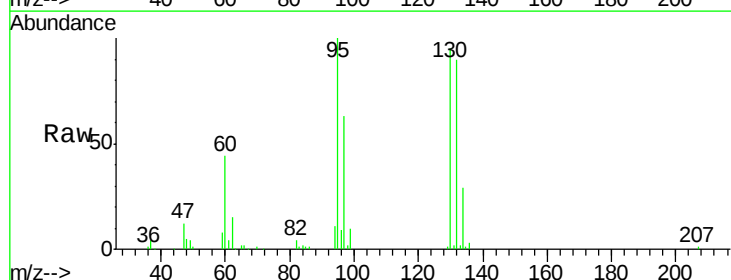
Manual Integrations  
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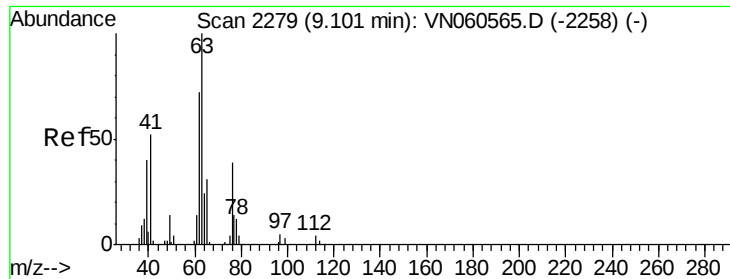
MMDadoda  
3/19/2020 1:59:41 PM



#44  
Trichloroethene  
Concen: 51.057 ug/l  
RT: 8.82 min Scan# 2191  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 105.7 | 0.0   | 211.2 |





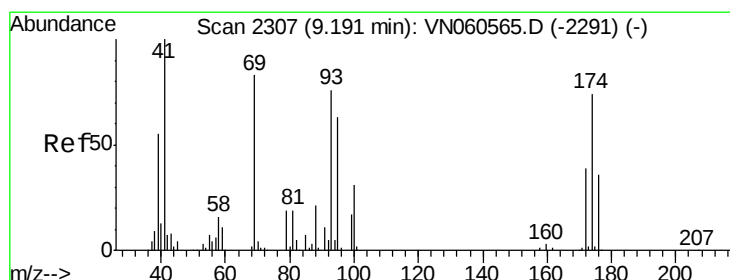
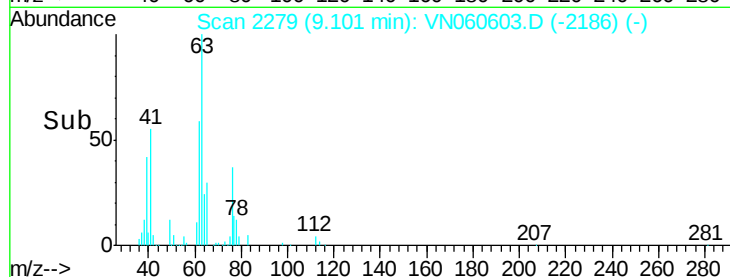
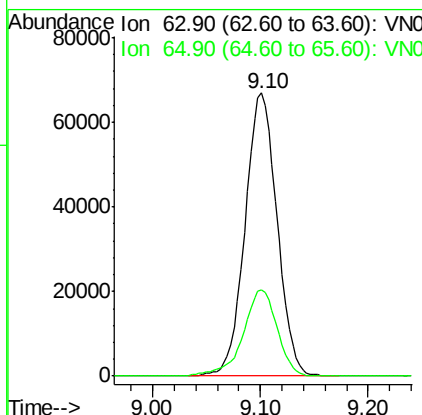
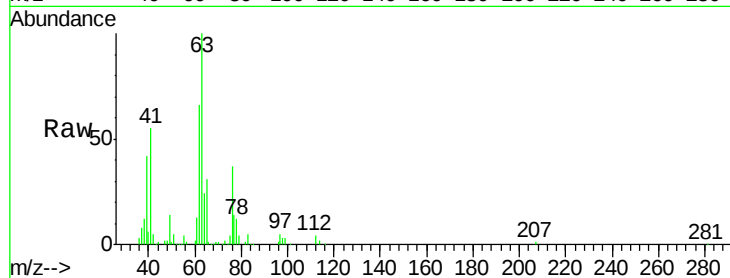
#45  
 1,2-Dichloropropane  
 Concen: 51.166 ug/l  
 RT: 9.10 min Scan# 2279  
 Delta R.T. 0.00 min  
 Lab File: VN060603.D  
 Acq: 18 Mar 2020 19:27

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 63 Resp: 137853  
 Ion Ratio Lower Upper  
 63 100  
 65 30.6 25.4 38.0

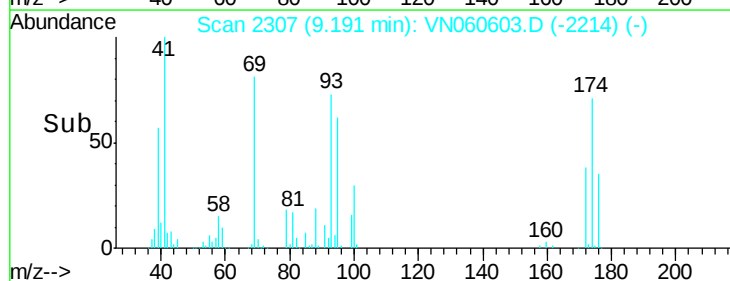
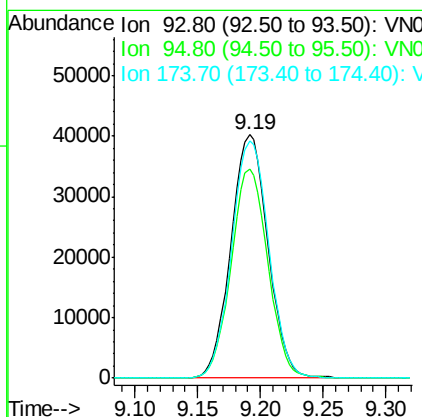
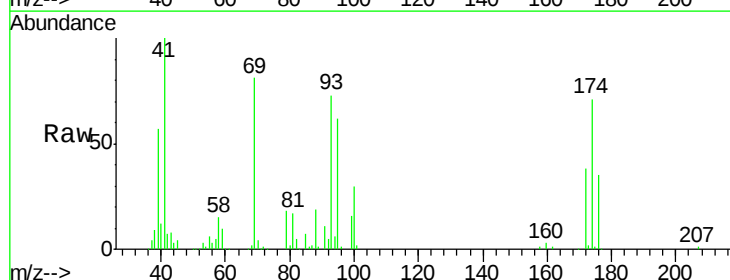
Manual Integrations  
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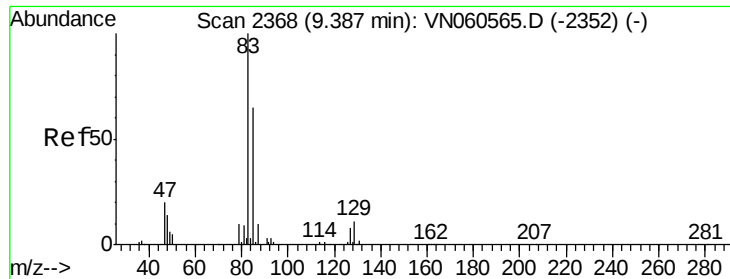
MMDadoda  
 3/19/2020 1:59:41 PM



#46  
 Dibromomethane  
 Concen: 50.881 ug/l  
 RT: 9.19 min Scan# 2307  
 Delta R.T. 0.00 min  
 Lab File: VN060603.D  
 Acq: 18 Mar 2020 19:27

Tgt Ion: 93 Resp: 82876  
 Ion Ratio Lower Upper  
 93 100  
 95 85.1 66.2 99.4  
 174 97.7 77.9 116.9





#47

Bromodichloromethane

Concen: 51.103 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

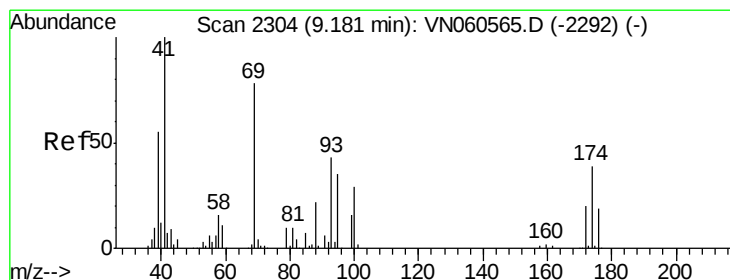
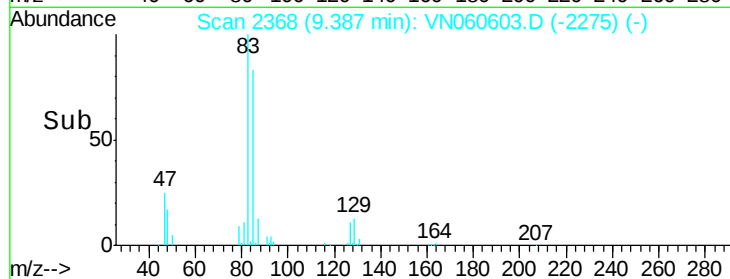
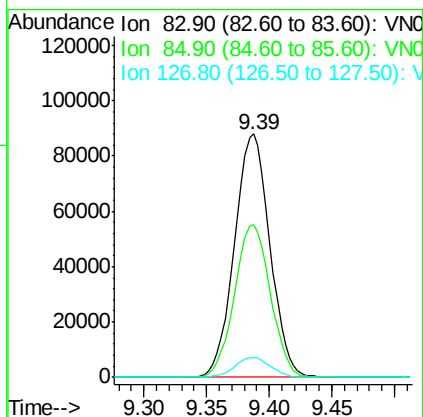
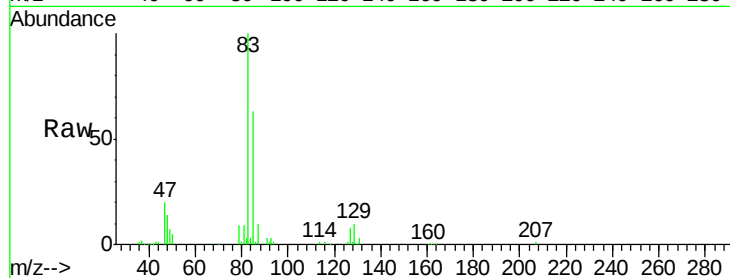
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 172968 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 62.9  | 51.8  | 77.6   |
| 127       | 8.3   | 6.5   | 9.7    |

Manual Integrations  
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MMDadoda  
3/19/2020 1:59:41 PM



#48

Methyl methacrylate

Concen: 51.257 ug/l

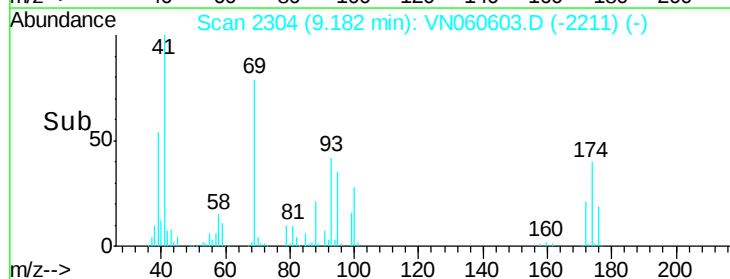
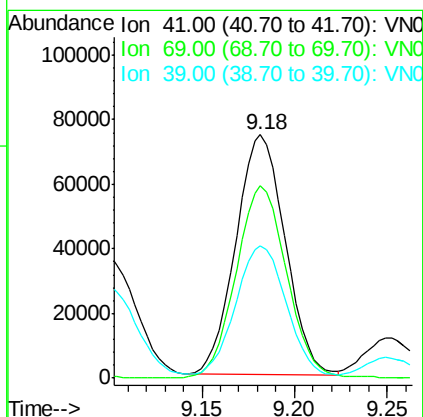
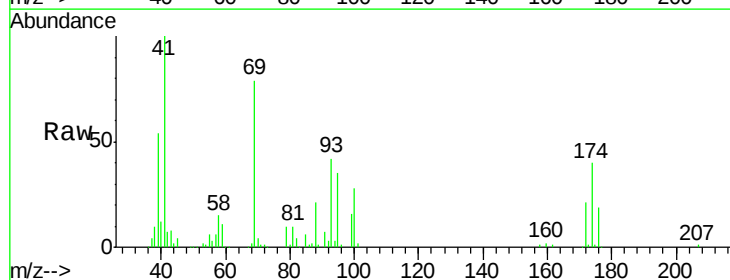
RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 137549 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 82.3  | 65.4  | 98.0   |
| 39        | 57.6  | 44.0  | 66.0   |





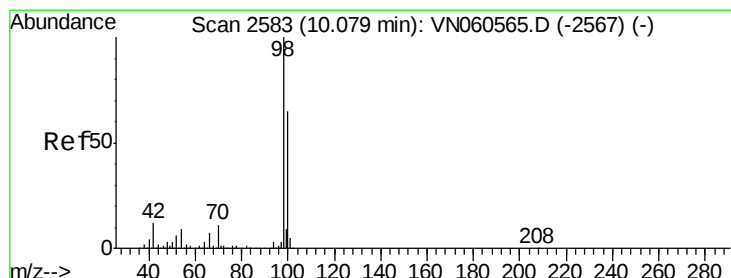
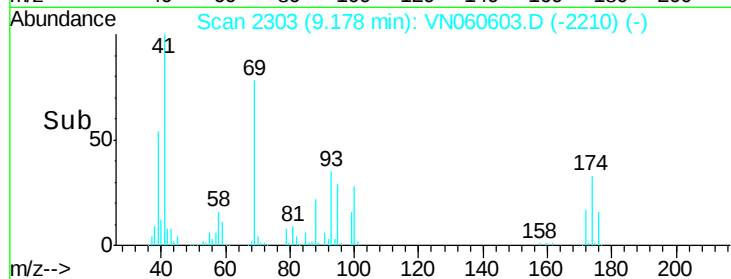
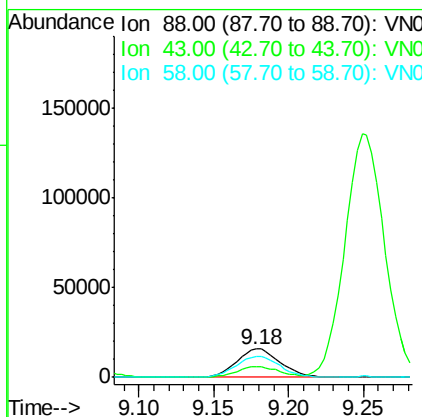
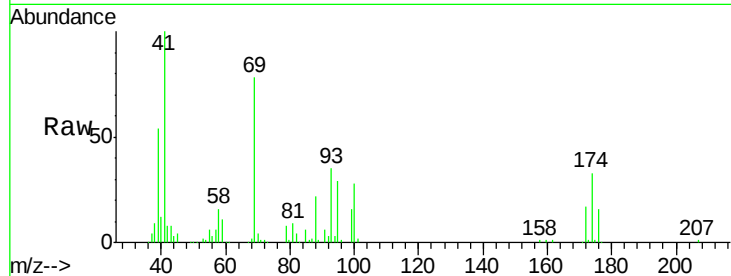
#49  
1,4-Dioxane  
Concen: 1011.881 ug/l  
RT: 9.18 min Scan# 2303  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 37.5  | 30.8  | 46.2  |
| 58      | 74.2  | 59.8  | 89.8  |

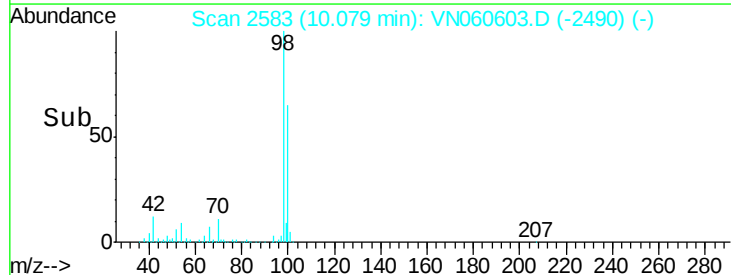
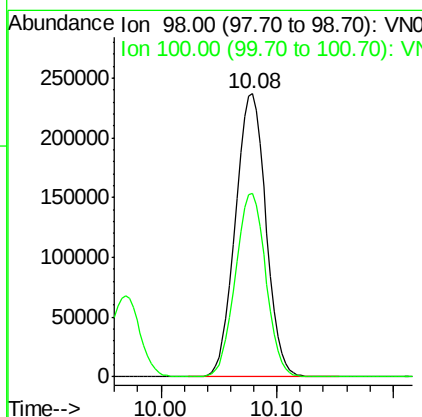
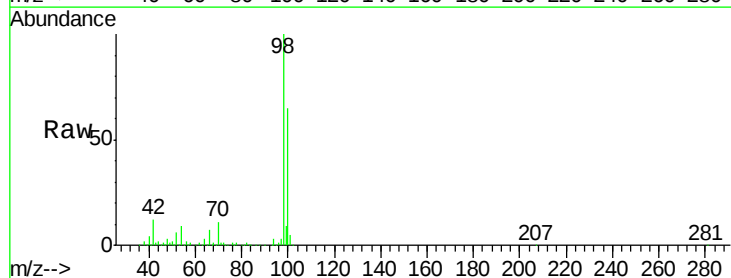
Manual Integrations  
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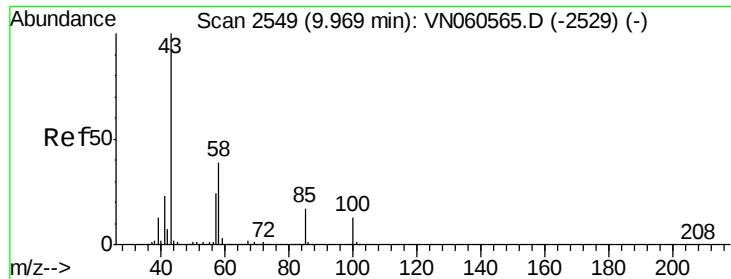
MMDadoda  
3/19/2020 1:59:41 PM



#50  
Toluene-d8  
Concen: 50.100 ug/l  
RT: 10.08 min Scan# 2583  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.7  | 51.8  | 77.8  |





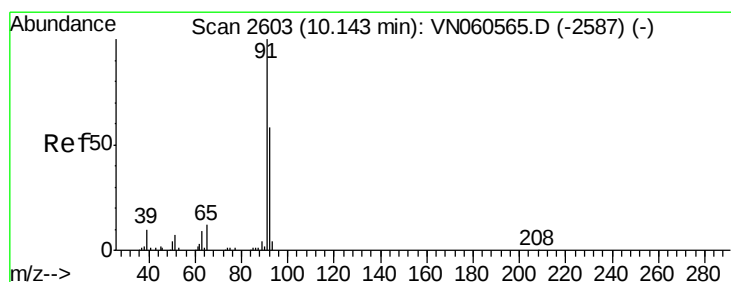
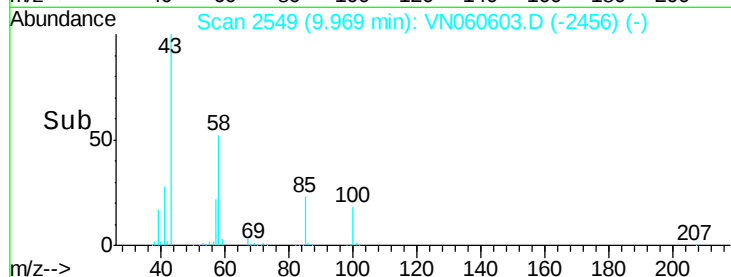
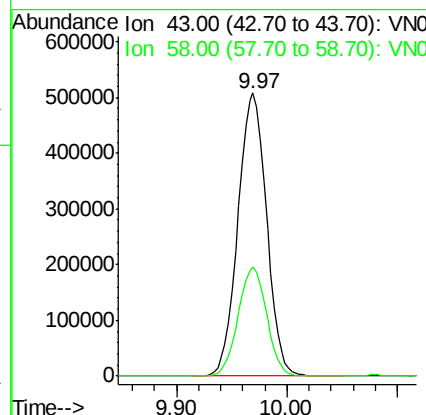
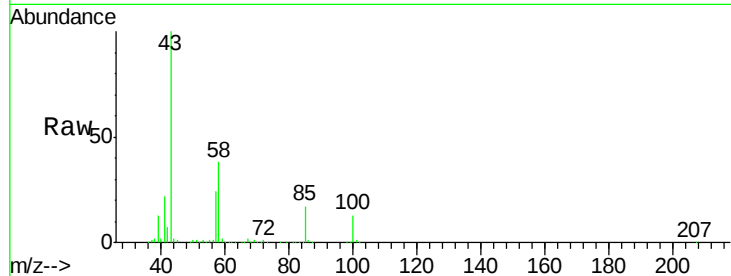
#51  
4-Methyl-2-Pentanone  
Concen: 266.725 ug/l  
RT: 9.97 min Scan# 2549  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 38.4  | 30.8  | 46.2  |

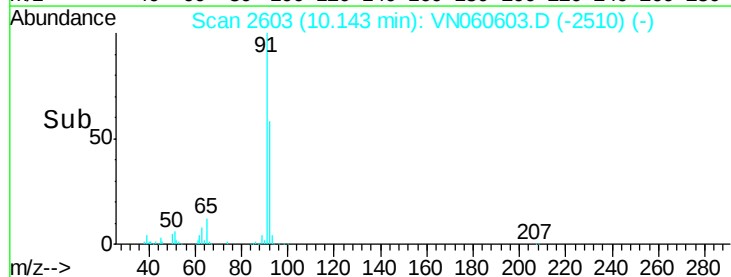
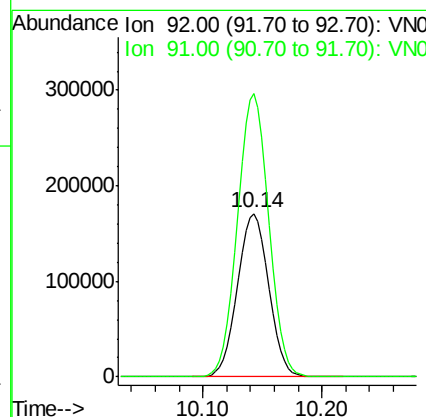
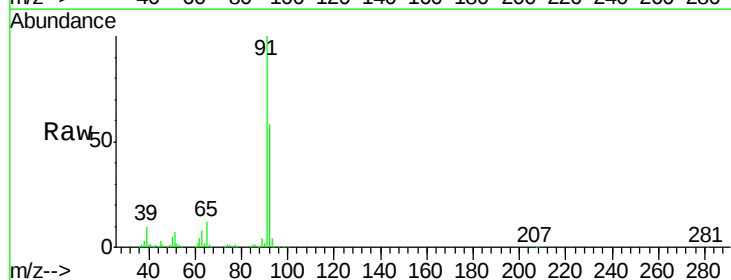
Manual Integrations  
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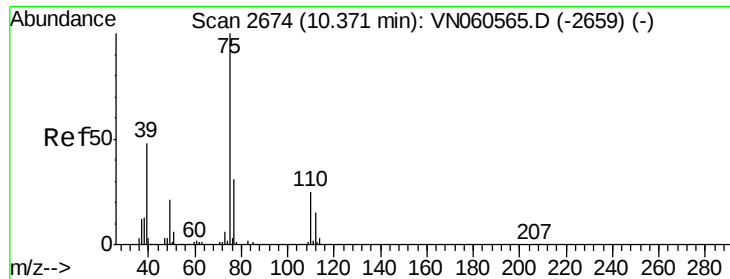
MMDadoda  
3/19/2020 1:59:41 PM



#52  
Toluene  
Concen: 50.549 ug/l  
RT: 10.14 min Scan# 2603  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 173.1 | 137.6 | 206.4 |





#53

t-1,3-Dichloropropene

Concen: 51.560 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 200463

Ion Ratio Lower Upper

75 100

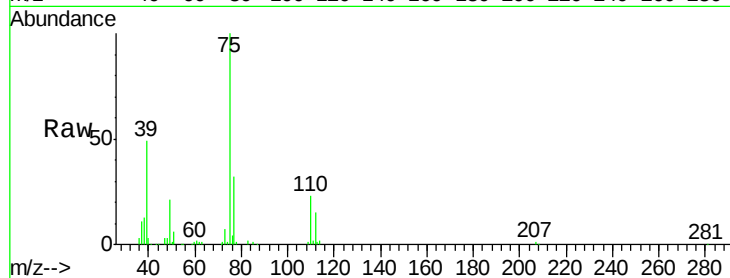
77 31.5 25.1 37.7

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

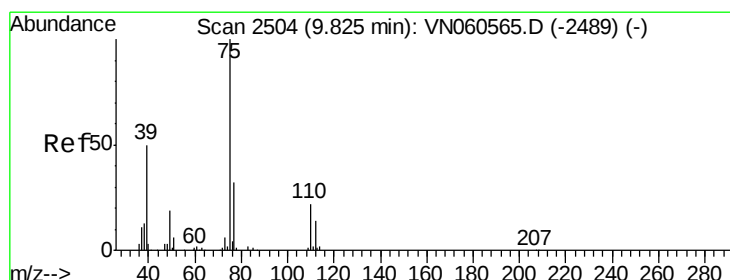
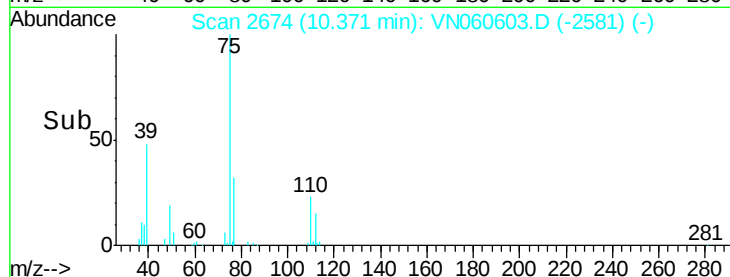
10.37

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.337 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

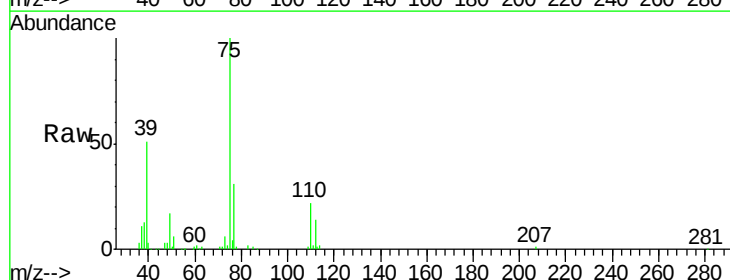
Tgt Ion: 75 Resp: 214700

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

39 51.0 40.2 60.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.82

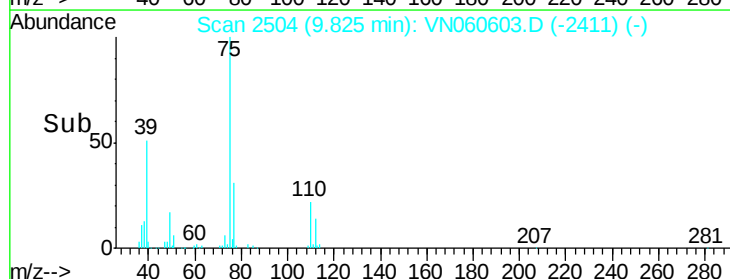
150000

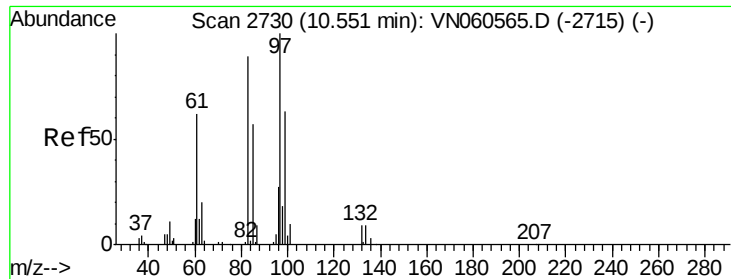
100000

50000

0

Time-->





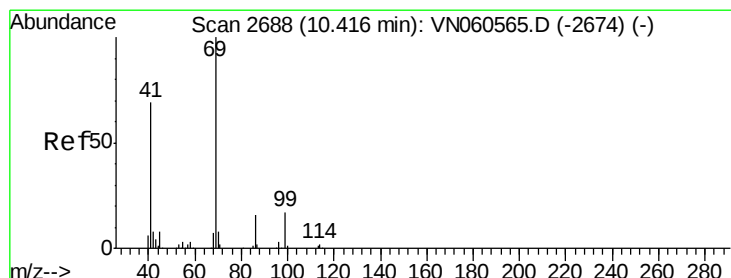
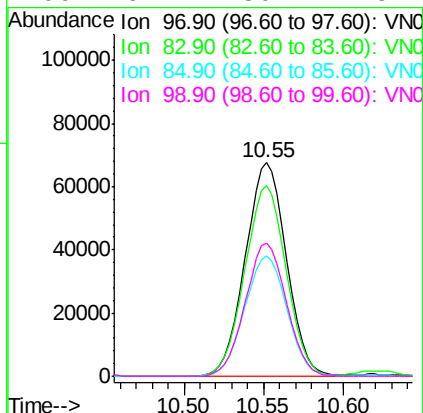
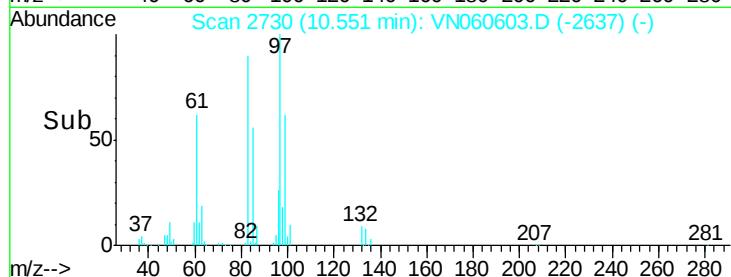
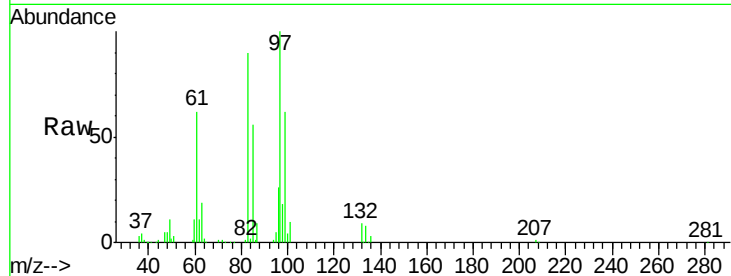
#55  
 1,1,2-Trichloroethane  
 Concen: 50.480 ug/l  
 RT: 10.55 min Scan# 2730  
 Delta R.T. 0.00 min  
 Lab File: VN060603.D  
 Acq: 18 Mar 2020 19:27

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 119754 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 89.6  | 71.3  | 106.9  |
| 85       | 56.3  | 45.2  | 67.8   |
| 99       | 62.4  | 50.1  | 75.1   |

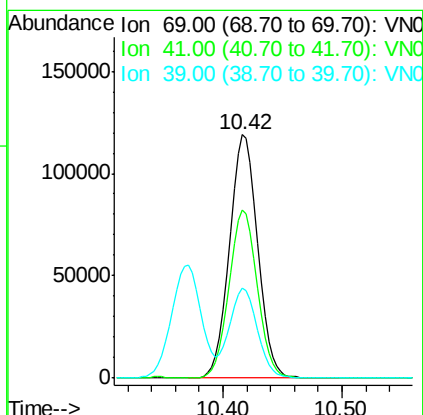
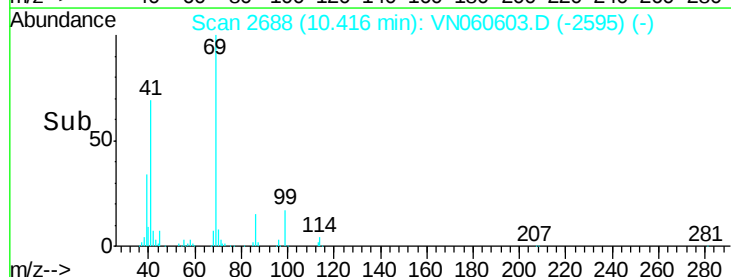
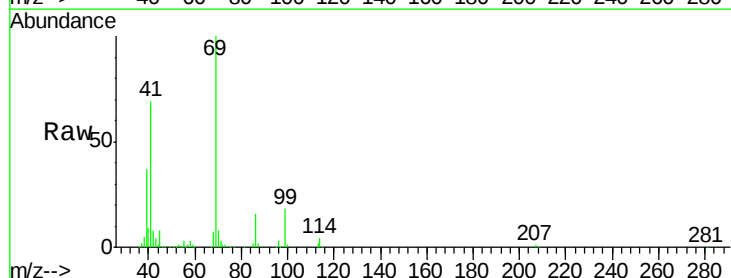
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#56  
 Ethyl methacrylate  
 Concen: 52.767 ug/l  
 RT: 10.42 min Scan# 2688  
 Delta R.T. 0.00 min  
 Lab File: VN060603.D  
 Acq: 18 Mar 2020 19:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 195185 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 68.8  | 55.4  | 83.2   |
| 39       | 36.7  | 29.4  | 44.0   |





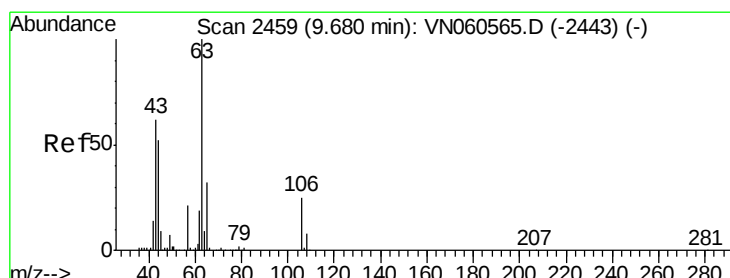
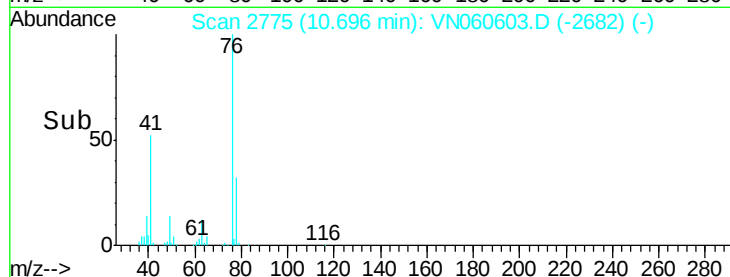
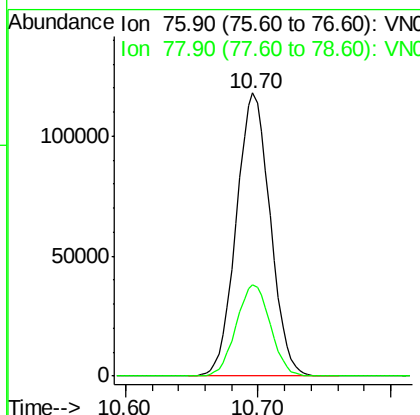
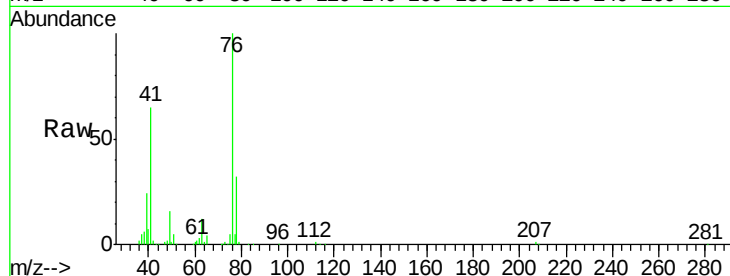
#57  
 1,3-Dichloropropane  
 Concen: 50.847 ug/l  
 RT: 10.70 min Scan# 2775  
 Delta R.T. 0.00 min  
 Lab File: VN060603.D  
 Acq: 18 Mar 2020 19:27

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.6  | 25.8  | 38.6  |

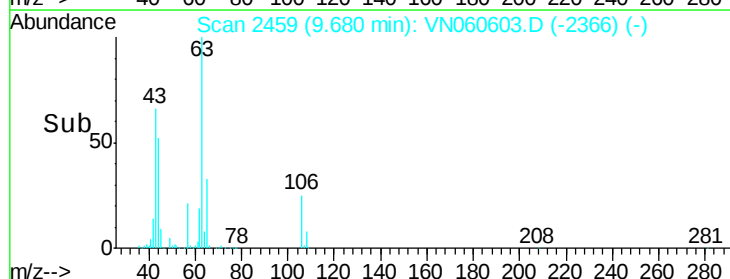
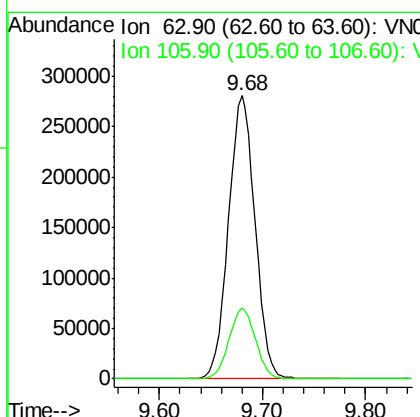
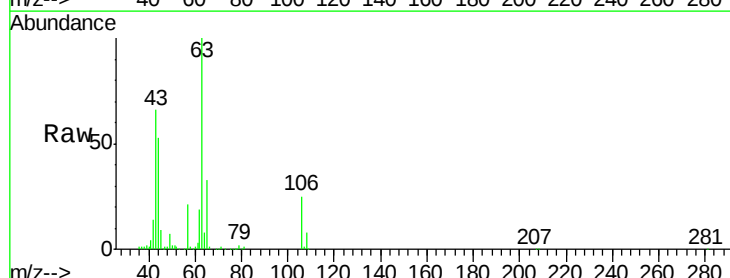
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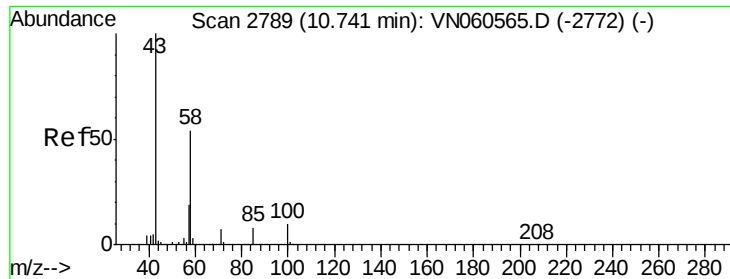
MMDadoda  
 3/19/2020 1:59:41 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 273.350 ug/l  
 RT: 9.68 min Scan# 2459  
 Delta R.T. 0.00 min  
 Lab File: VN060603.D  
 Acq: 18 Mar 2020 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 25.0  | 20.0  | 30.0  |





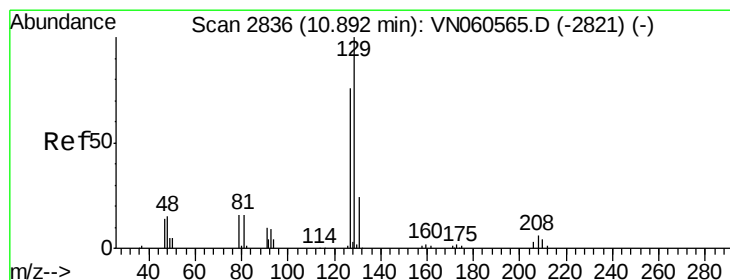
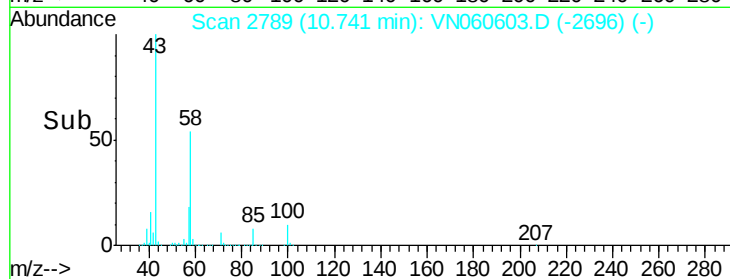
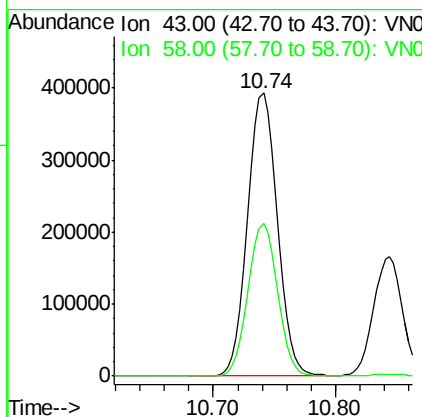
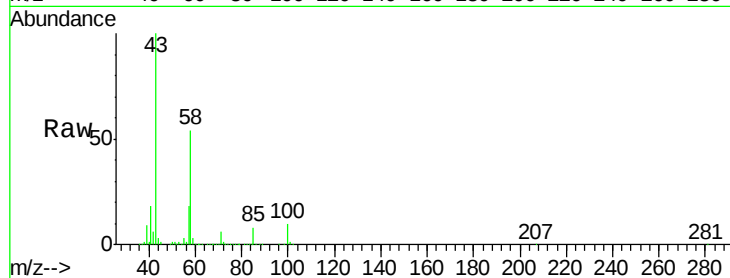
#59  
2-Hexanone  
Concen: 268.004 ug/l  
RT: 10.74 min Scan# 2789  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 662152  
Ion Ratio Lower Upper  
43 100  
58 53.5 26.7 80.1

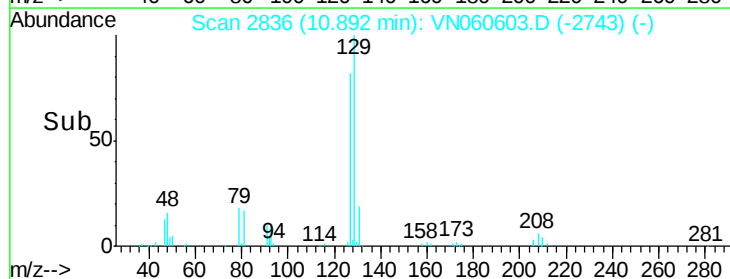
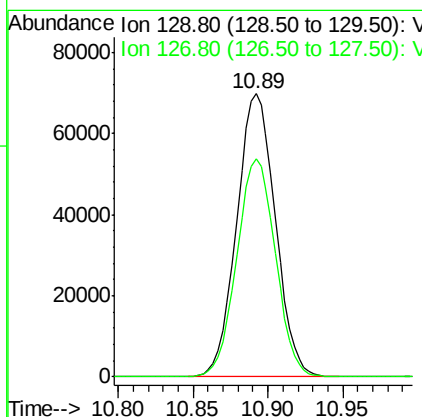
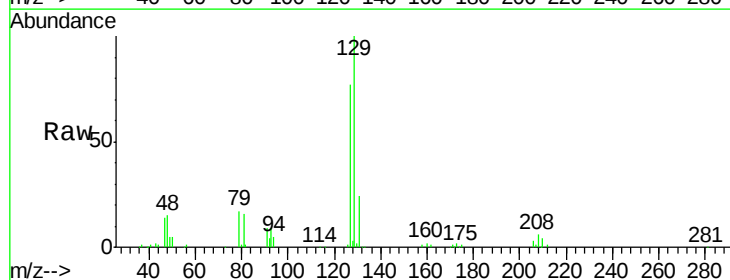
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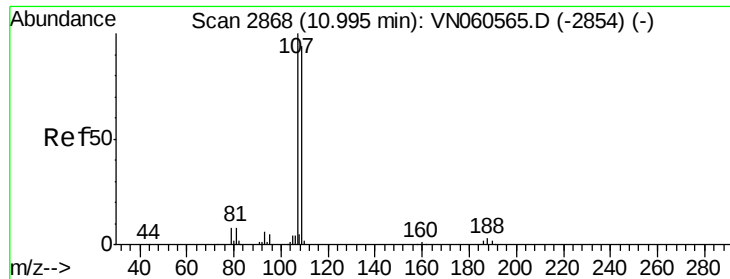
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 51.239 ug/l  
RT: 10.89 min Scan# 2836  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

Tgt Ion: 129 Resp: 125560  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.5 115.5





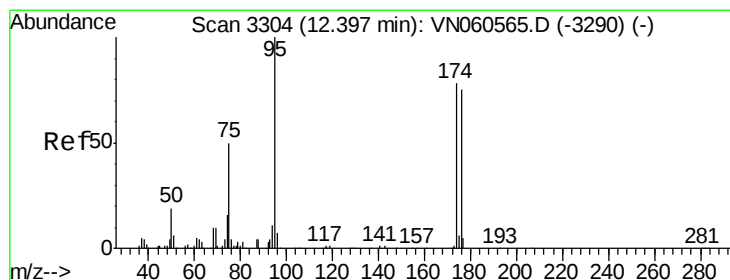
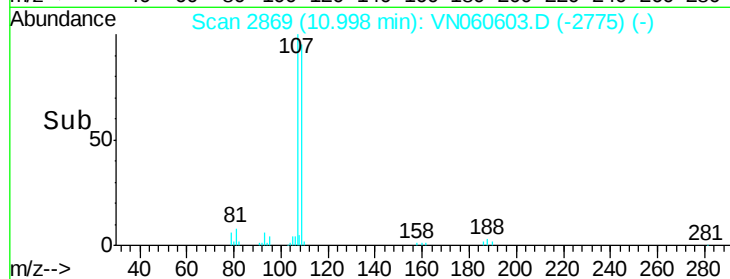
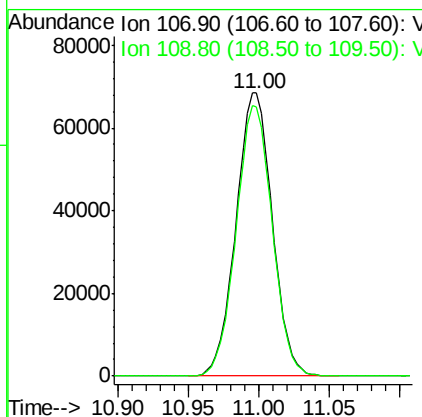
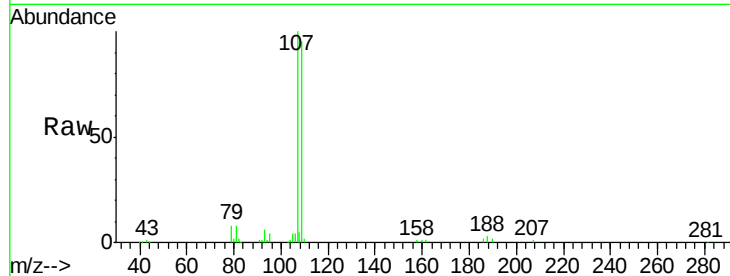
#61  
 1,2-Dibromoethane  
 Concen: 51.749 ug/l  
 RT: 11.00 min Scan# 2869  
 Delta R.T. 0.00 min  
 Lab File: VN060603.D  
 Acq: 18 Mar 2020 19:27

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 95.1  | 75.4  | 113.2 |

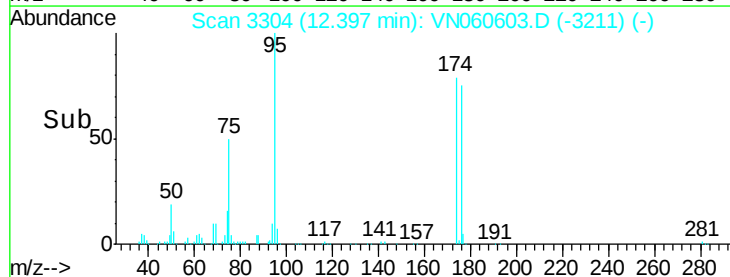
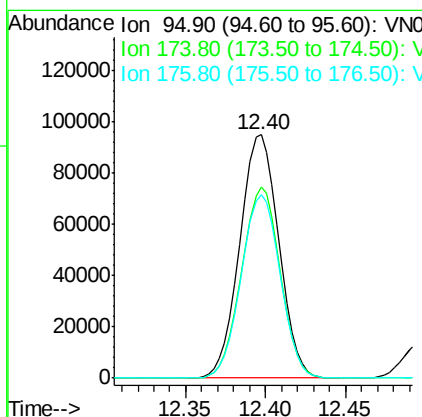
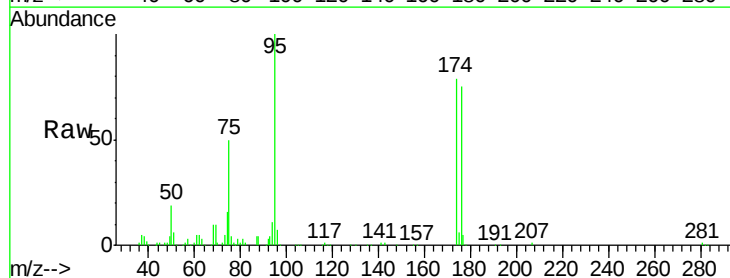
Manual Integrations  
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#62  
 4-Bromofluorobenzene  
 Concen: 49.966 ug/l  
 RT: 12.40 min Scan# 3304  
 Delta R.T. 0.00 min  
 Lab File: VN060603.D  
 Acq: 18 Mar 2020 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 77.6  | 0.0   | 157.6 |
| 176     | 75.3  | 0.0   | 150.6 |





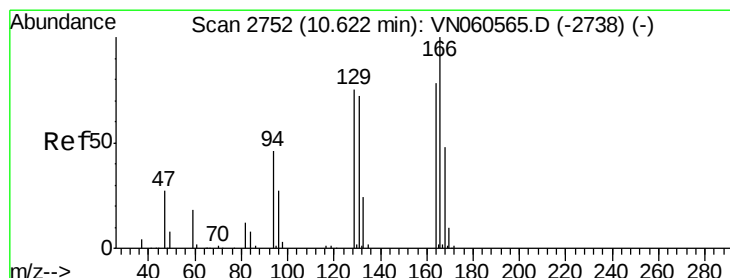
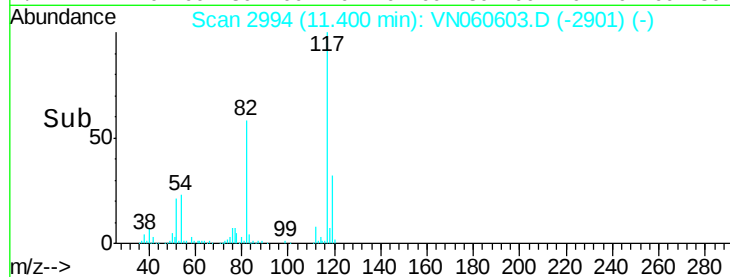
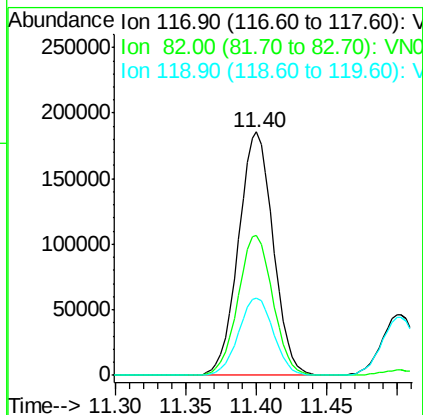
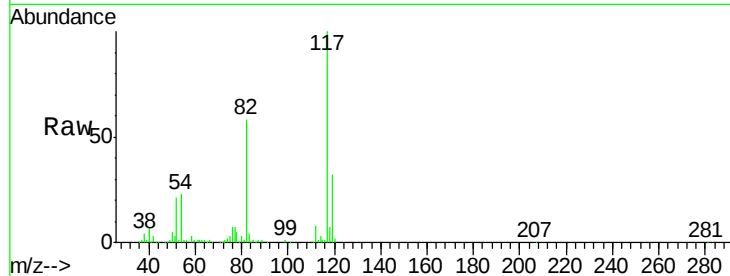
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2994  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 57.6  | 46.7  | 70.1  |
| 119     | 31.9  | 25.5  | 38.3  |

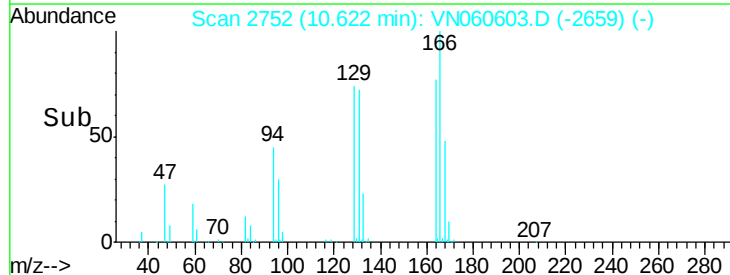
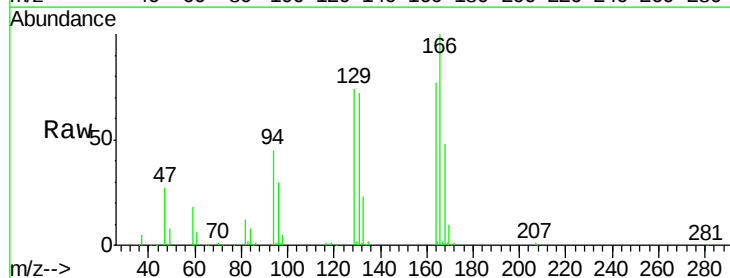
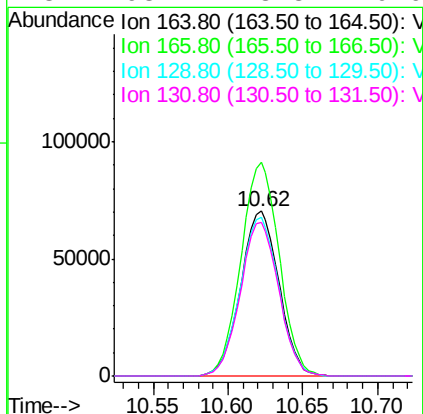
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#64  
Tetrachloroethene  
Concen: 49.928 ug/l  
RT: 10.62 min Scan# 2752  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.4 | 102.7 | 154.1 |
| 129     | 96.1  | 77.2  | 115.8 |
| 131     | 93.2  | 73.8  | 110.6 |





#65

Chlorobenzene

Concen: 49.948 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 316720

Ion Ratio Lower Upper

112 100

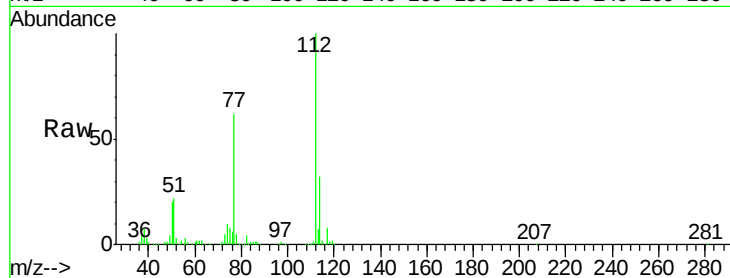
114 32.2 25.8 38.6

Manual Integrations

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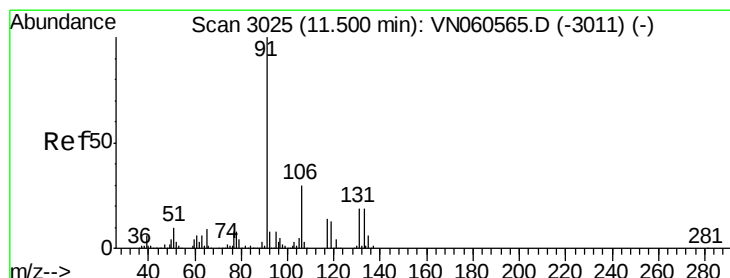
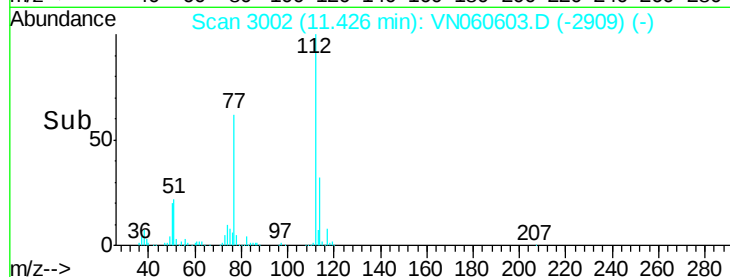
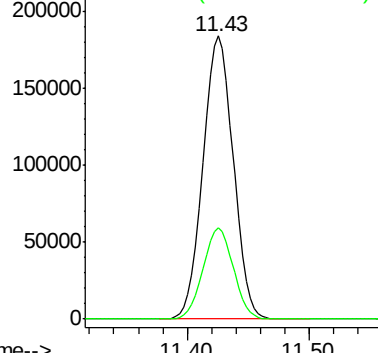
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.970 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

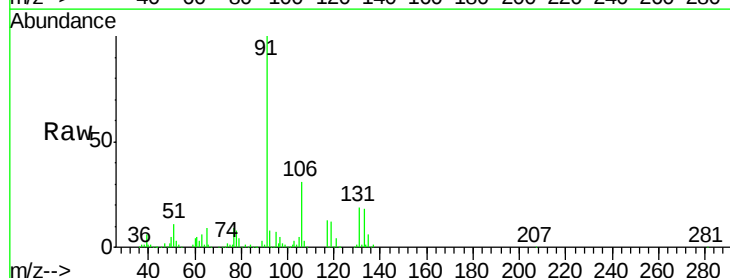
Tgt Ion:131 Resp: 117019

Ion Ratio Lower Upper

131 100

133 95.3 48.9 146.8

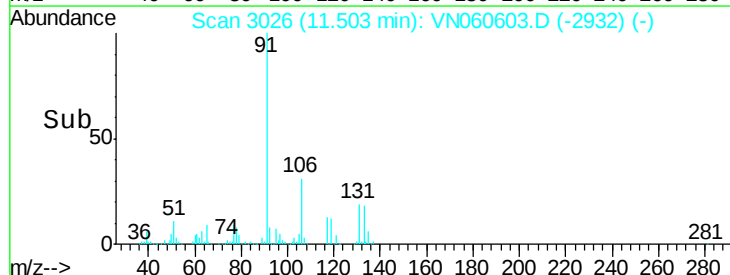
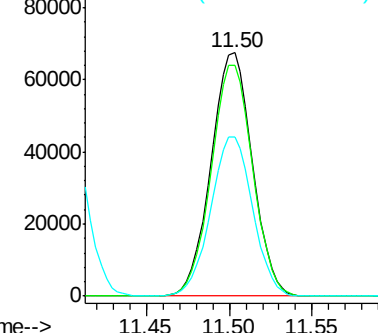
119 66.2 33.9 101.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.461 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 595039

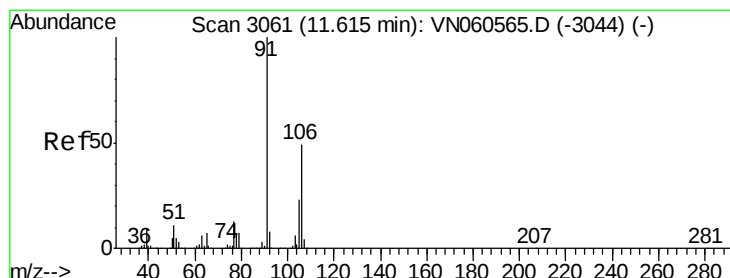
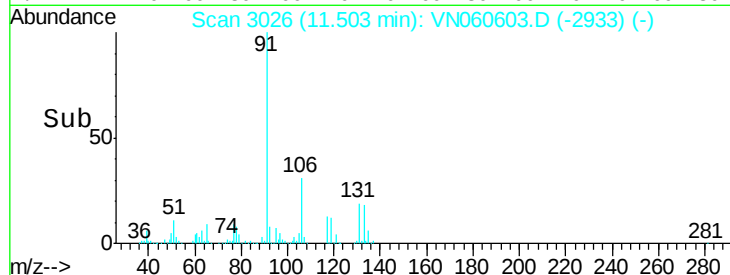
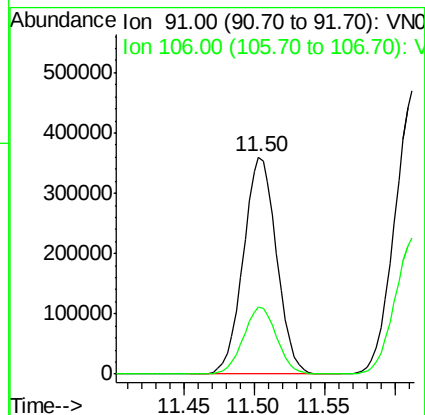
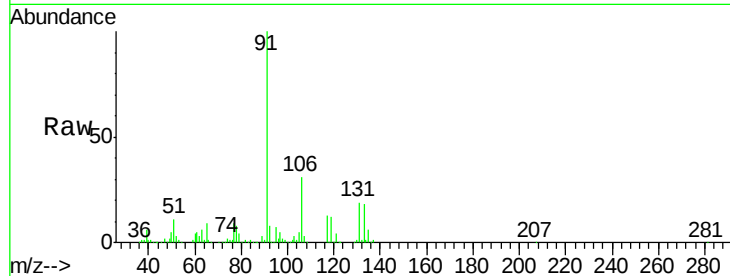
Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.2

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#68

m/p-Xylenes

Concen: 101.272 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060603.D

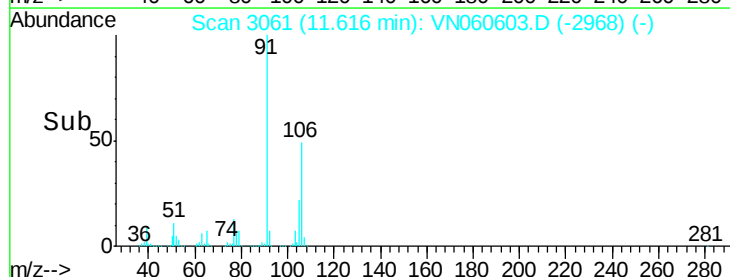
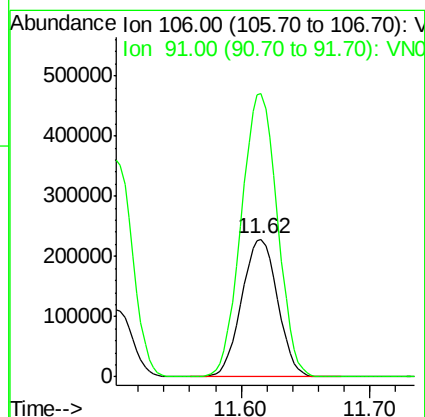
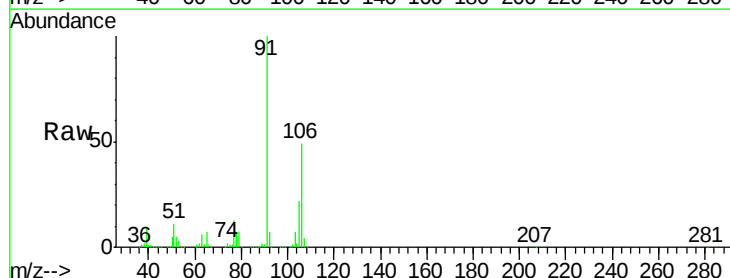
Acq: 18 Mar 2020 19:27

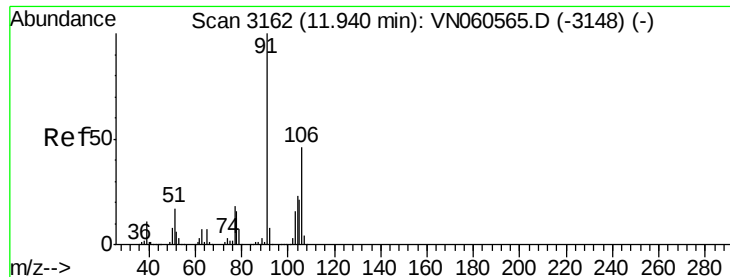
Tgt Ion: 106 Resp: 443773

Ion Ratio Lower Upper

106 100

91 206.4 165.0 247.4





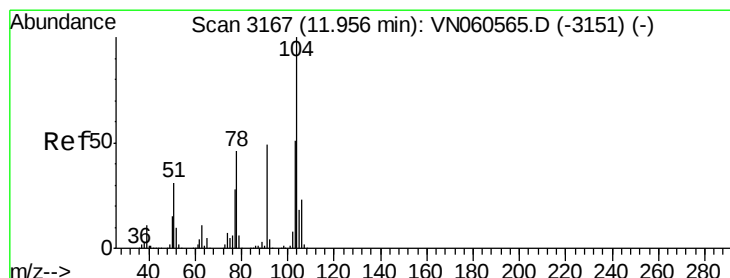
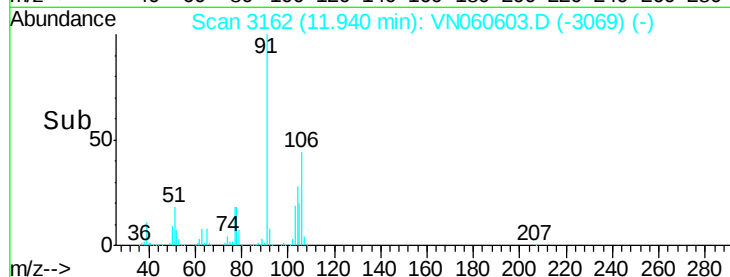
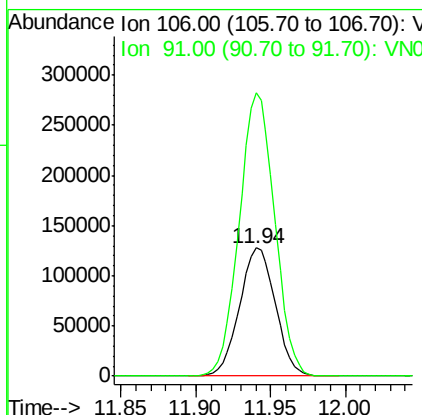
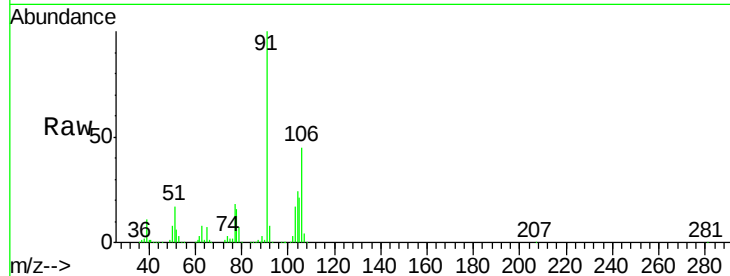
#69  
o-Xylene  
Concen: 50.802 ug/l  
RT: 11.94 min Scan# 3162  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 106     | 106 | 100   | 212510 |       |       |
| 91      | 91  | 218.9 | 109.5  | 328.4 |       |

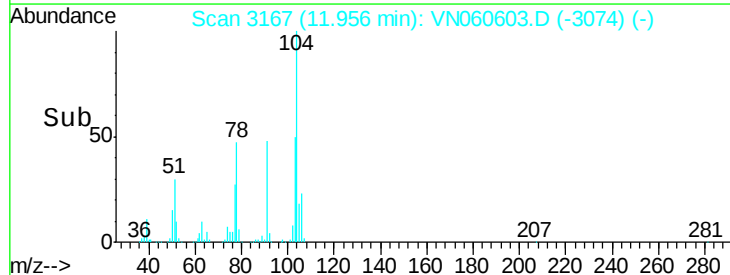
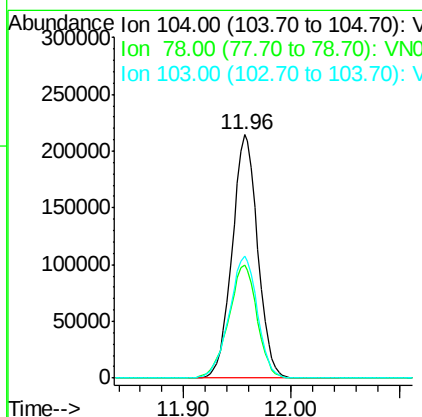
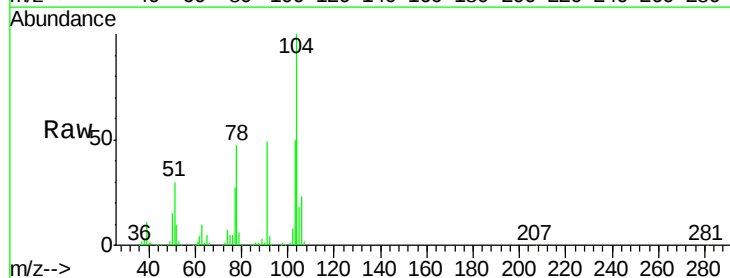
Manual Integrations  
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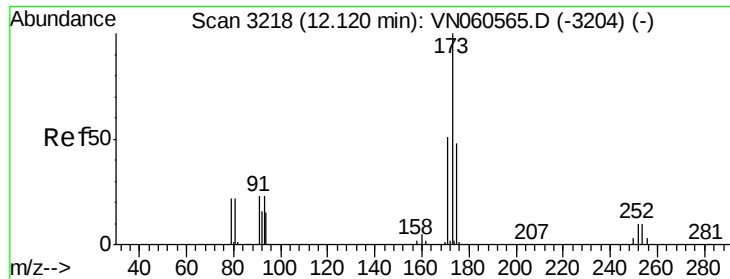
MMDadoda  
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#70  
Styrene  
Concen: 51.917 ug/l  
RT: 11.96 min Scan# 3167  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 104     | 104 | 100   | 355187 |       |       |
| 78      | 78  | 51.7  | 41.2   | 61.8  |       |
| 103     | 103 | 55.0  | 44.0   | 66.0  |       |





#71

Bromoform

Concen: 46.890 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

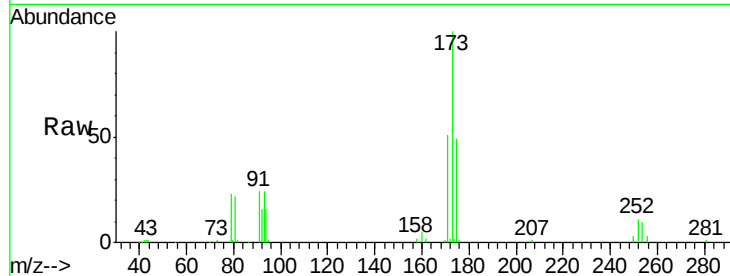
ClientSampleId :

VSTDCCC050EC

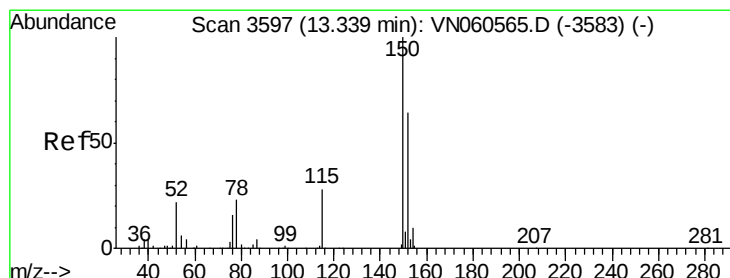
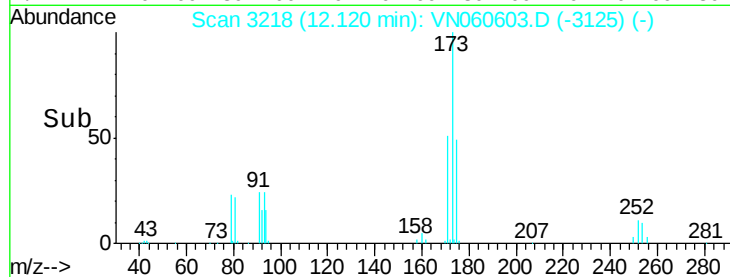
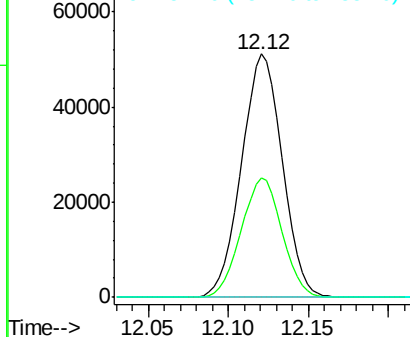
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 173   | Resp: | 89267 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 49.0  | 24.1  | 72.4  |
| 254       | 0.0   | 0.0   | 0.0   |

Manual Integrations  
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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

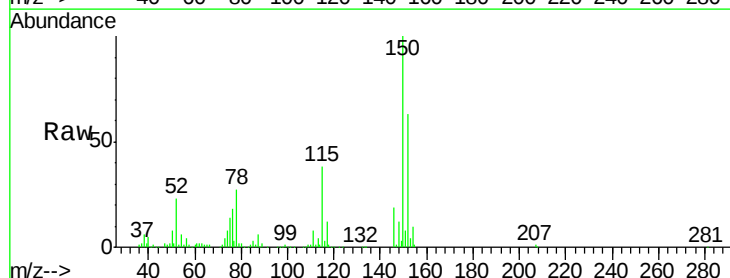
RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

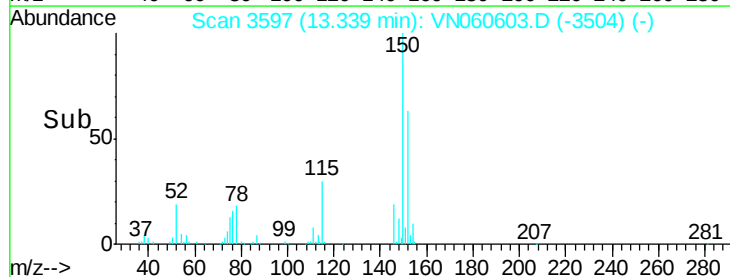
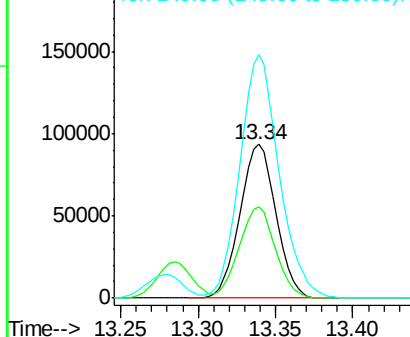
Lab File: VN060603.D

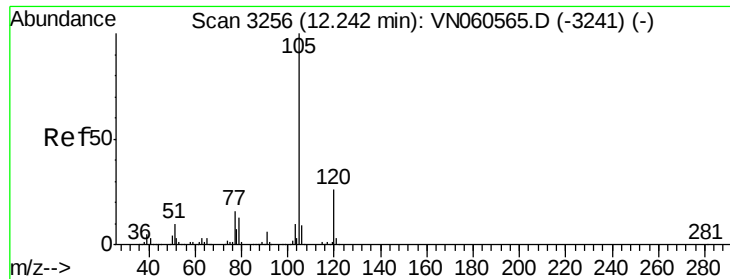
Acq: 18 Mar 2020 19:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 151713 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 59.3  | 30.2  | 90.6   |
| 150       | 172.2 | 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: 49.609 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 564825

Ion Ratio Lower Upper

105 100

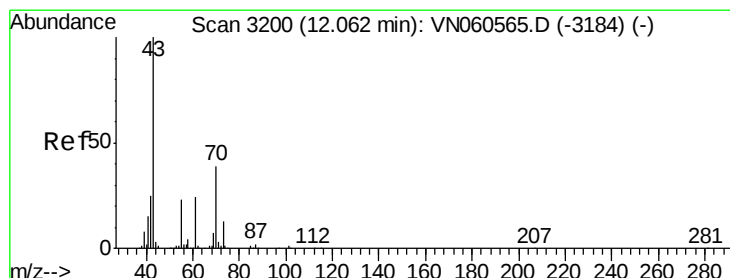
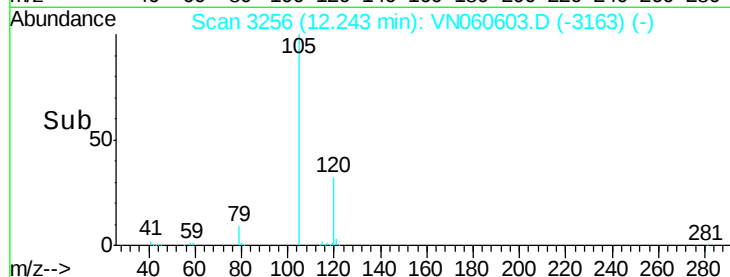
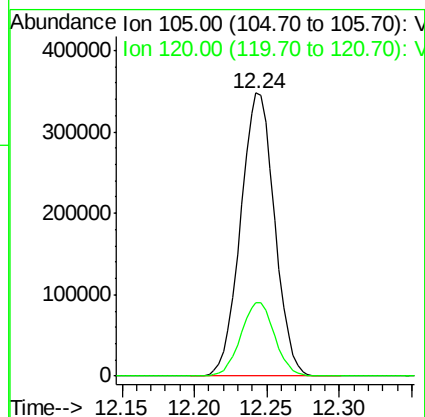
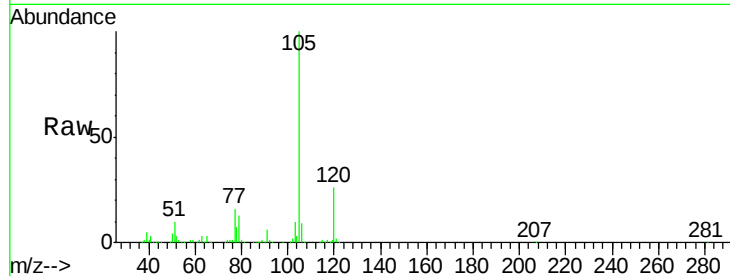
120 26.0 13.1 39.1

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#74

N-ethyl acetate

Concen: 51.939 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Tgt Ion: 43 Resp: 273255

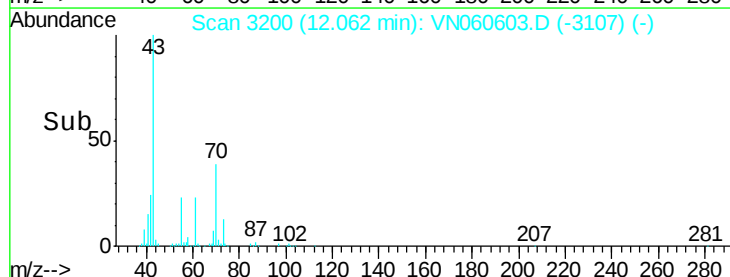
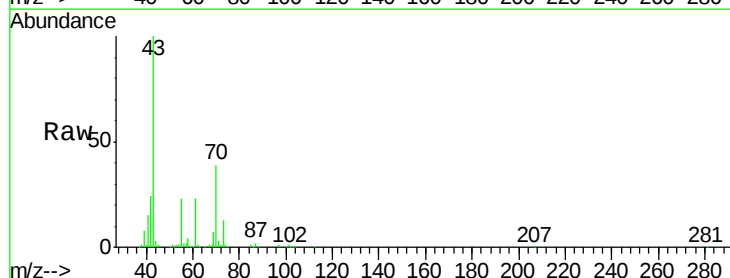
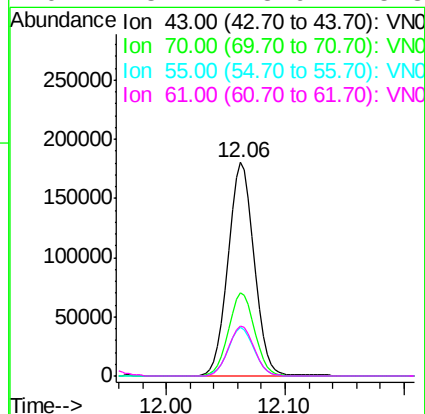
Ion Ratio Lower Upper

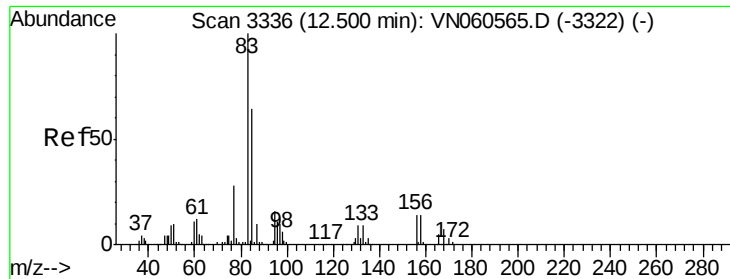
43 100

70 39.3 31.1 46.7

55 23.0 18.6 27.8

61 23.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.901 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 171811

Ion Ratio Lower Upper

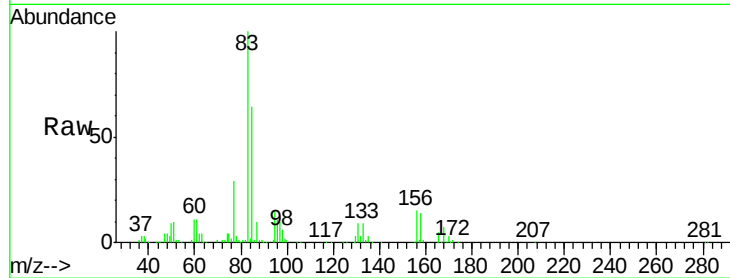
83 100

131 9.6 4.9 14.7

85 64.0 32.5 97.4

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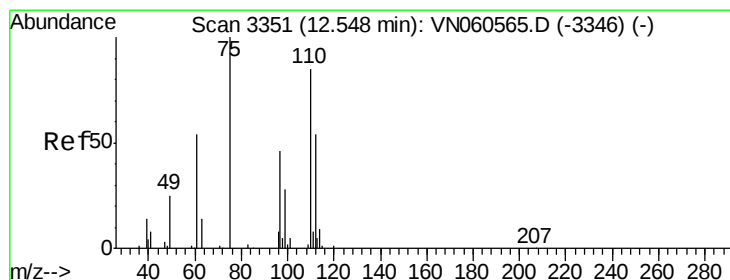
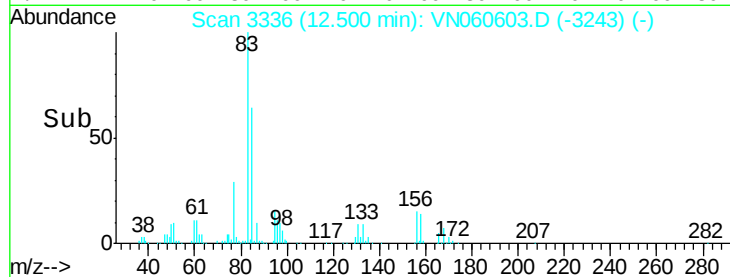
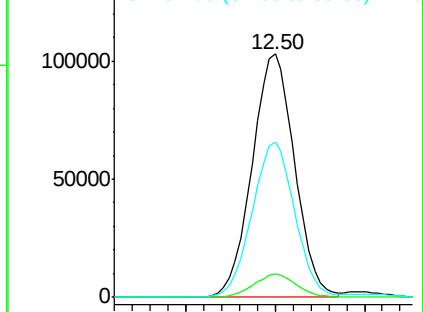
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Abundance Ion 82.90 (82.60 to 83.60): VN060603.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060603.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060603.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 47.593 ug/l m

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060603.D

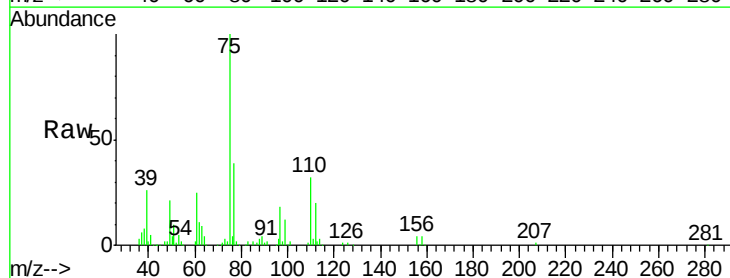
Acq: 18 Mar 2020 19:27

Tgt Ion: 75 Resp: 155803

Ion Ratio Lower Upper

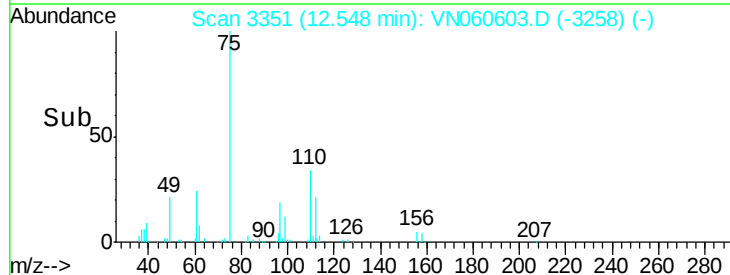
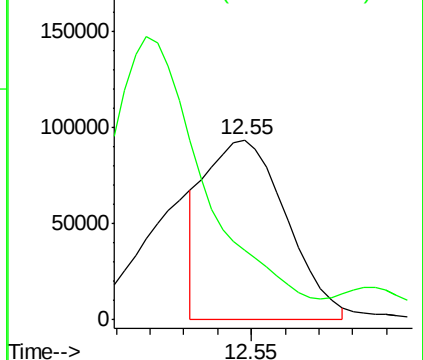
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060603.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060603.D (-3258) (-)





#77

Bromobenzene

Concen: 49.268 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

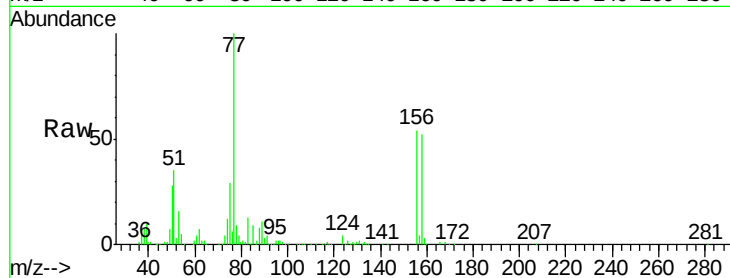
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 135166 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 223.3 | 112.3 | 337.0  |
| 158       | 96.6  | 48.6  | 145.8  |

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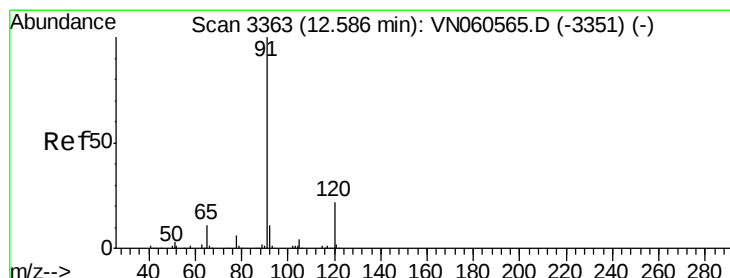
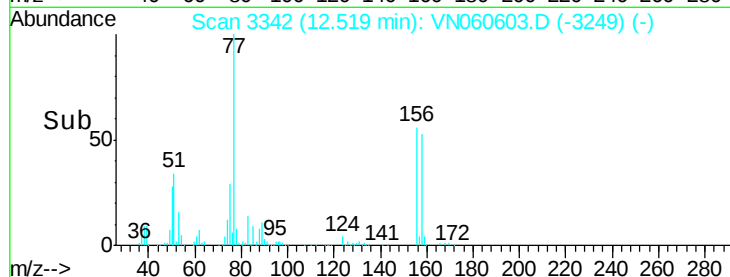
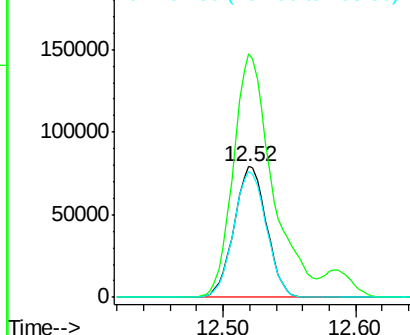
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.671 ug/l

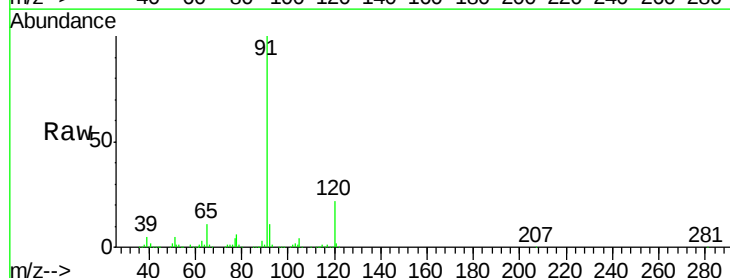
RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060603.D

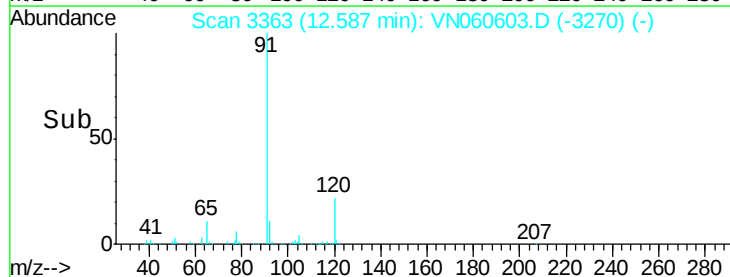
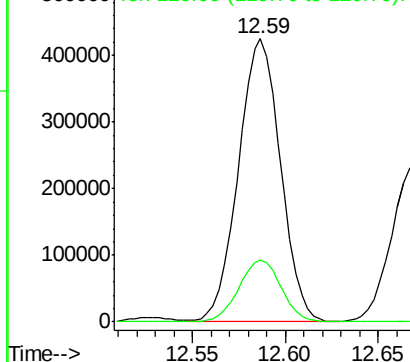
Acq: 18 Mar 2020 19:27

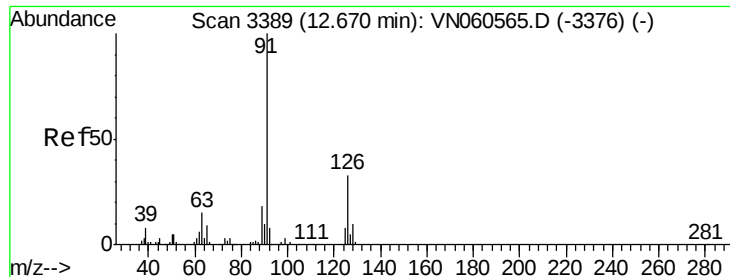
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 668140 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.0  | 11.3  | 33.8   |



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.412 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 389095

Ion Ratio Lower Upper

91 100

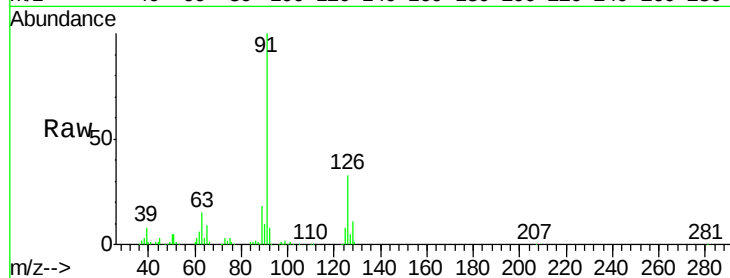
126 32.7 16.4 49.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN060603.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060603.D (-3376) (-)

400000

300000

200000

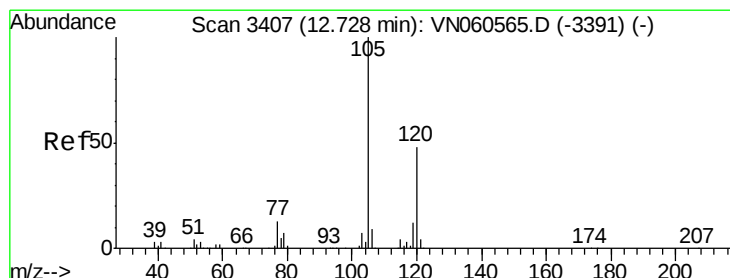
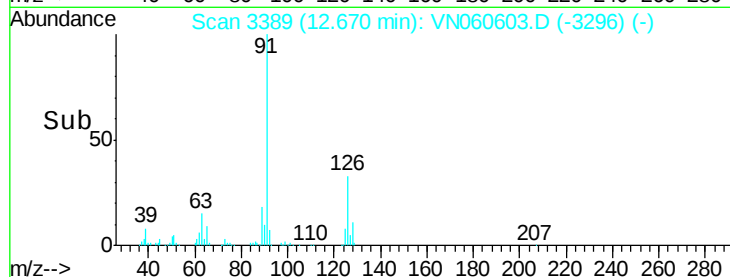
100000

0

12.60 12.65 12.70

12.67

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.071 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060603.D

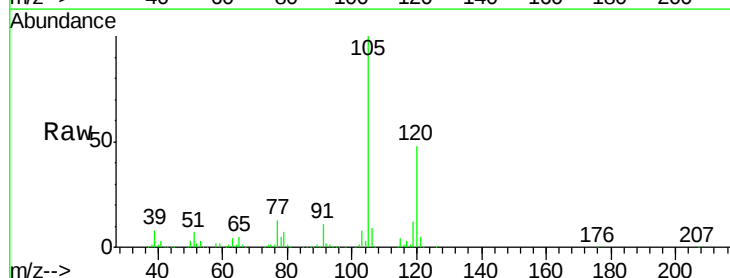
Acq: 18 Mar 2020 19:27

Tgt Ion: 105 Resp: 474127

Ion Ratio Lower Upper

105 100

120 48.1 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060603.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN060603.D (-3391) (-)

300000

200000

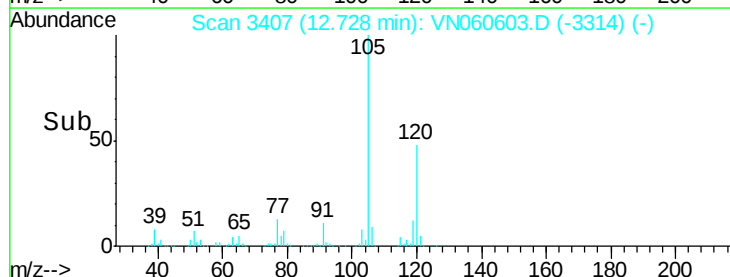
100000

0

12.65 12.70 12.75 12.80

12.73

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.153 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

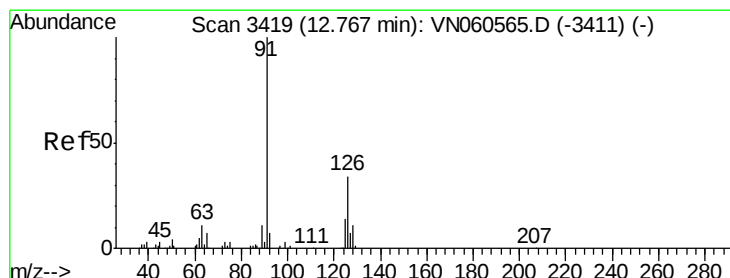
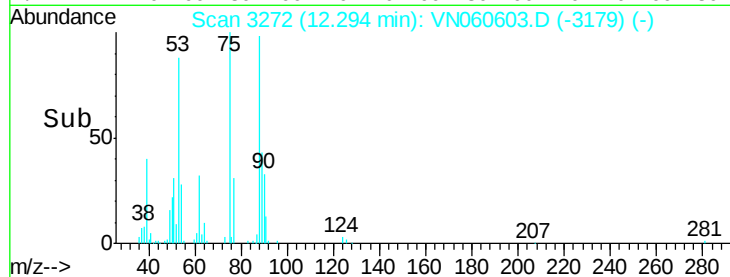
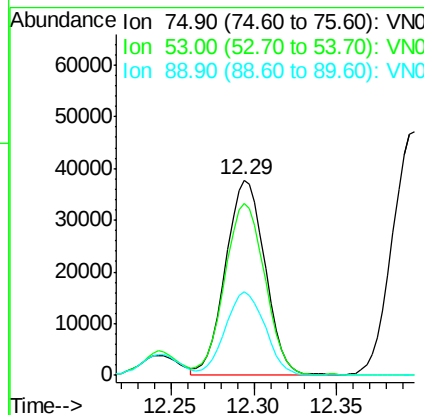
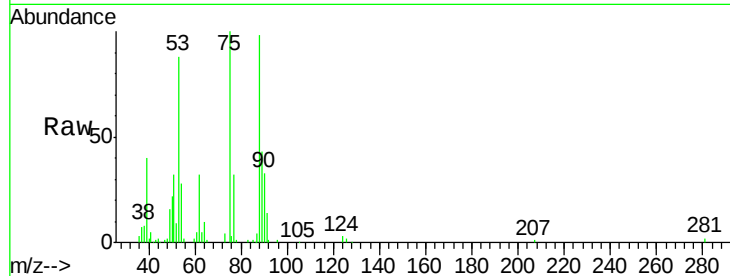
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 62652 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 89.0  | 73.0  | 109.4 |
| 89       | 43.1  | 34.8  | 52.2  |

Manual Integrations  
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3/19/2020 1:59:41 PM



#82

4-Chlorotoluene

Concen: 49.333 ug/l

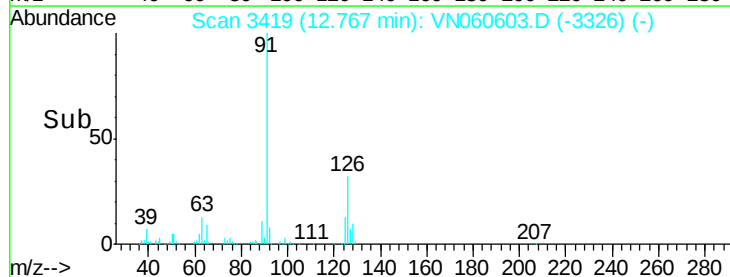
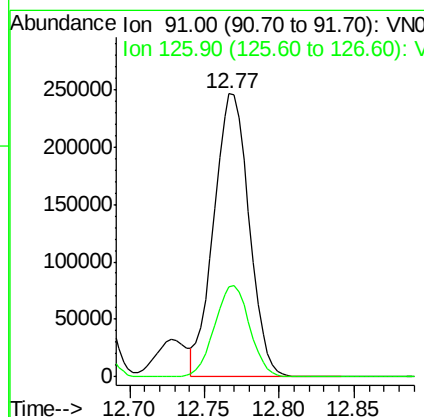
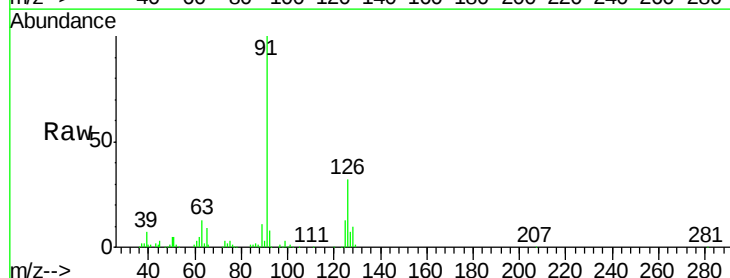
RT: 12.77 min Scan# 3419

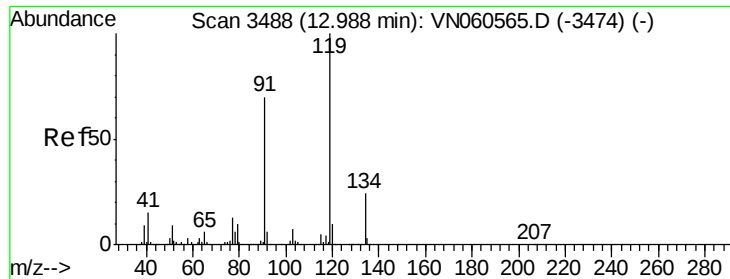
Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 403820 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 32.2  | 16.2  | 48.5   |





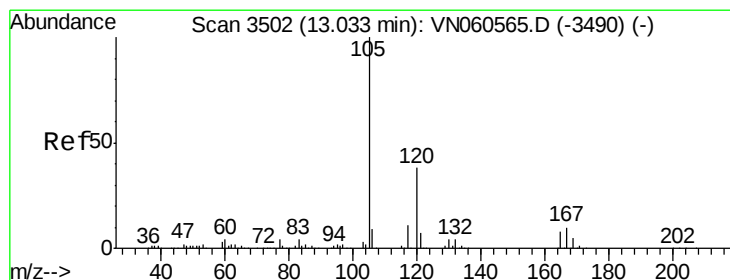
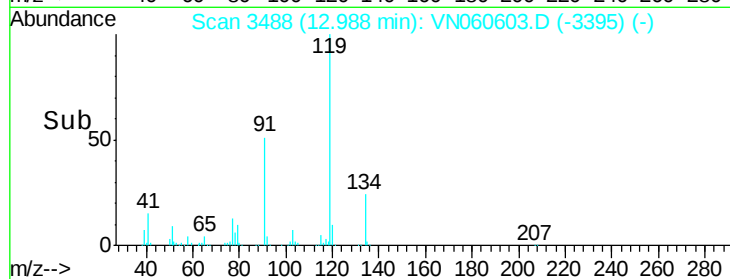
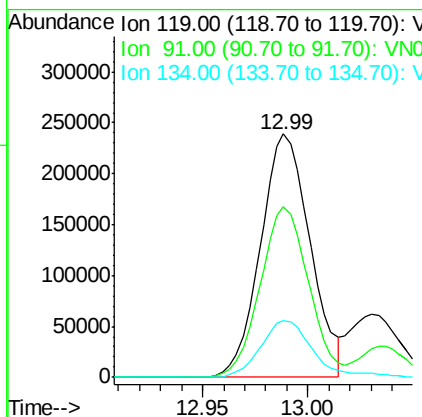
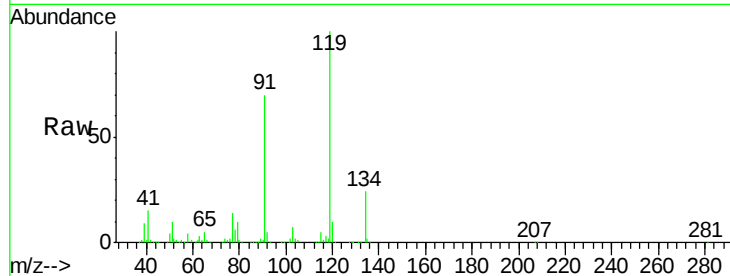
#83  
tert-Butylbenzene  
Concen: 48.933 ug/l  
RT: 12.99 min Scan# 3488  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 68.4  | 34.0  | 101.8 |
| 134     | 24.8  | 12.7  | 38.0  |

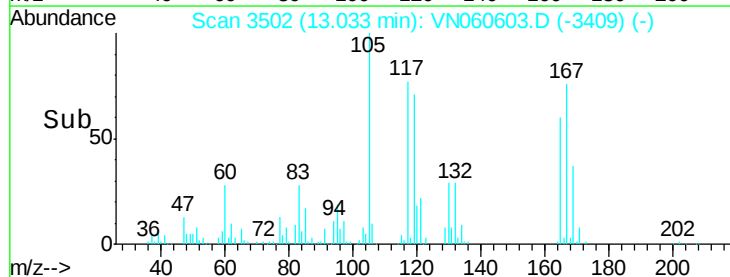
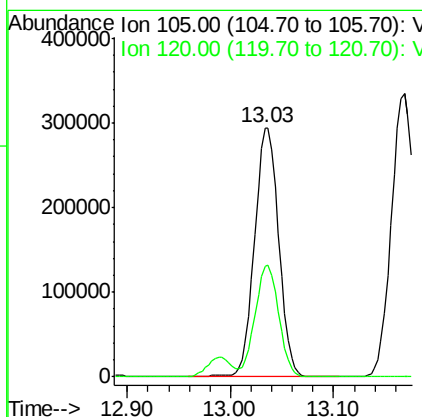
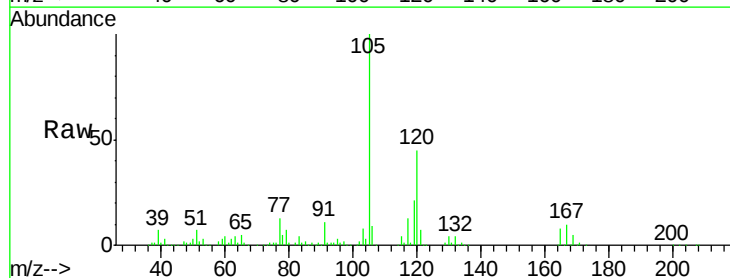
Manual Integrations  
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#84  
1,2,4-Trimethylbenzene  
Concen: 49.921 ug/l  
RT: 13.03 min Scan# 3502  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.2  | 22.1  | 66.5  |





#85

sec-Butylbenzene

Concen: 49.359 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 531621

Ion Ratio Lower Upper

105 100

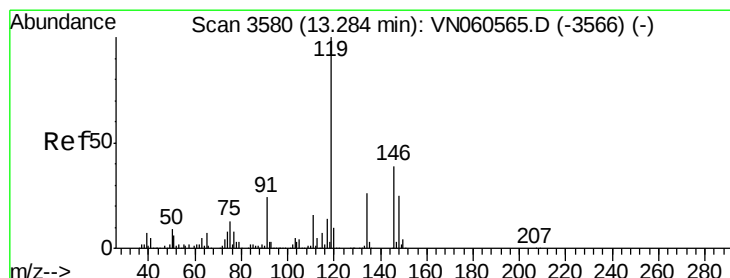
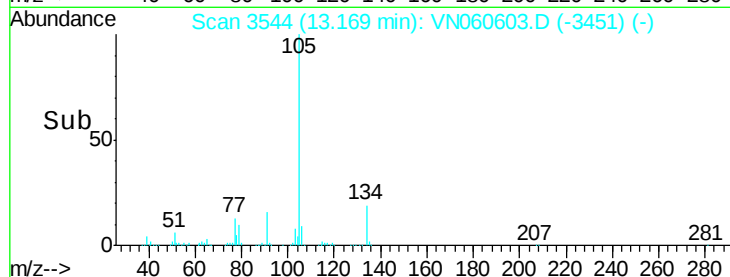
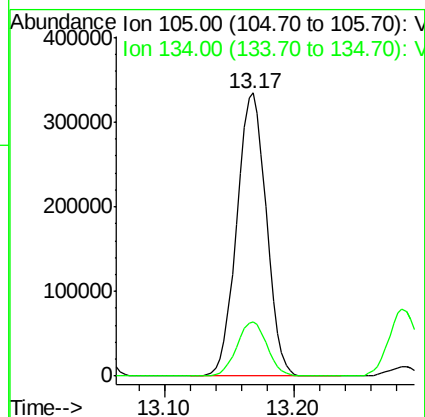
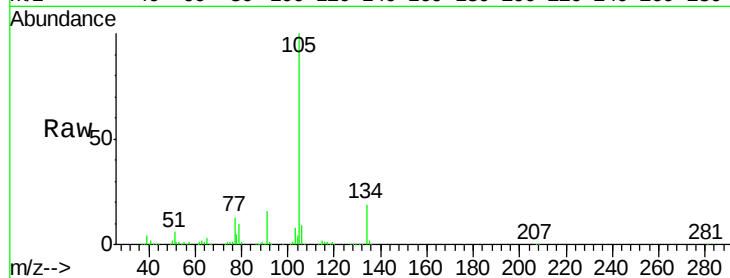
134 19.4 9.6 28.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 48.999 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

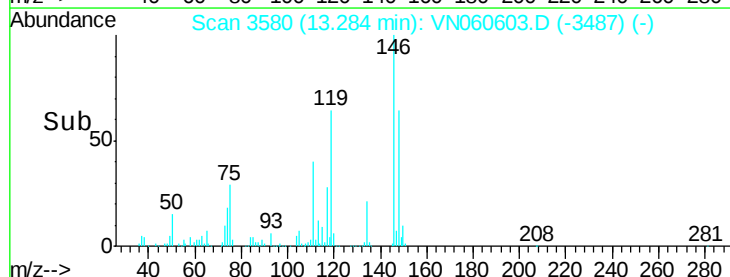
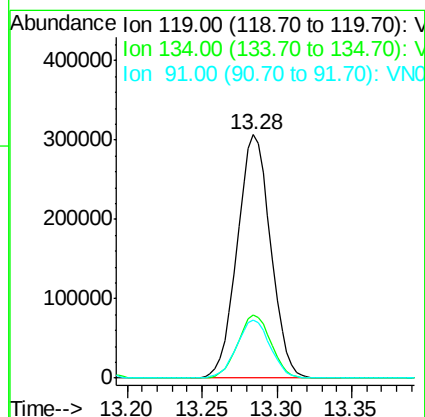
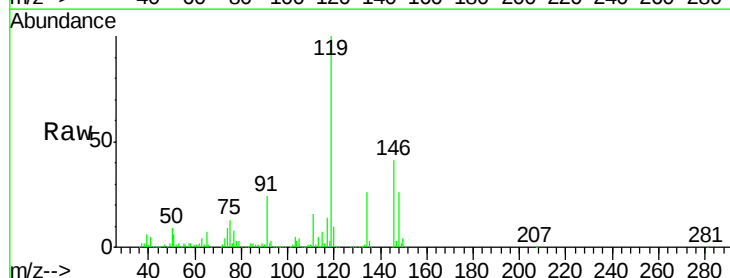
Tgt Ion:119 Resp: 474555

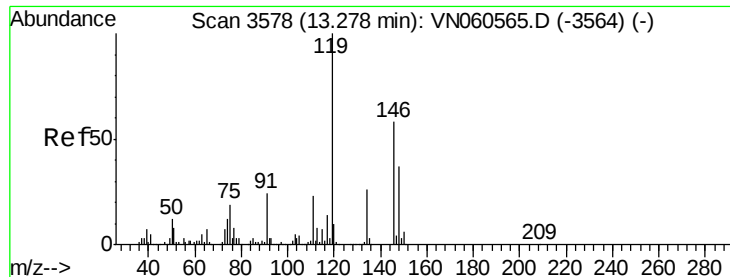
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 24.3 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 49.477 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN060603.D

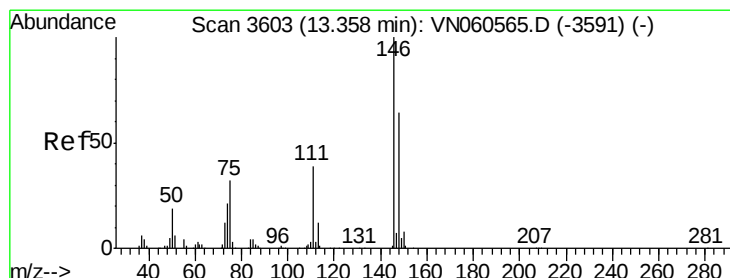
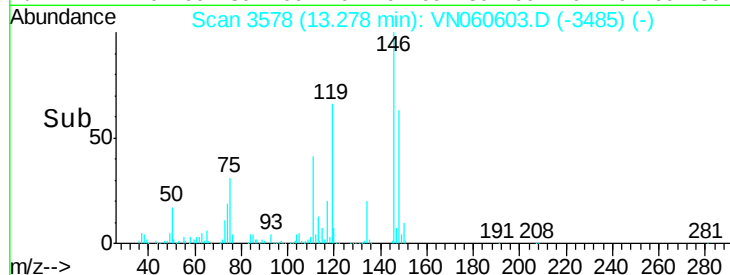
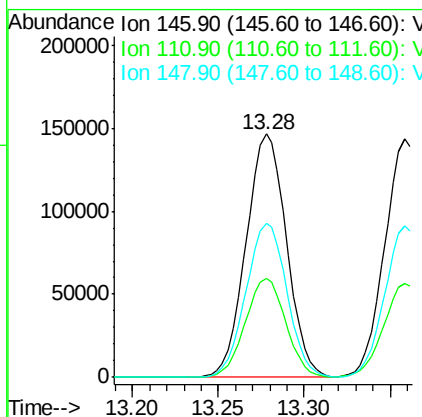
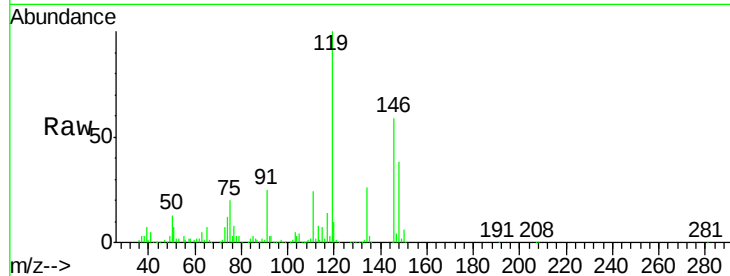
Acq: 18 Mar 2020 19:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.8  | 20.3  | 60.8  |
| 148     | 64.1  | 32.5  | 97.4  |

Manual Integrations  
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3/19/2020 1:59:41 PM



#88

1,4-Dichlorobenzene

Concen: 48.913 ug/l

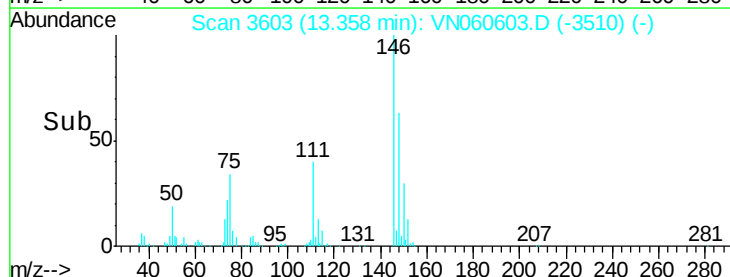
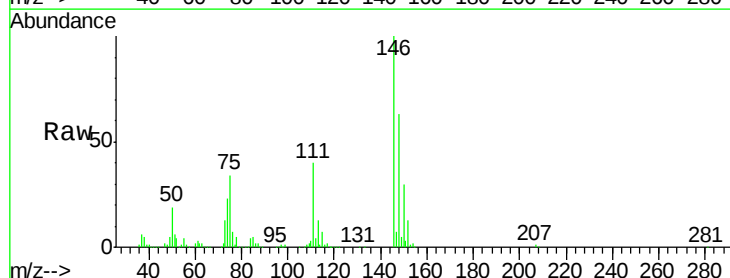
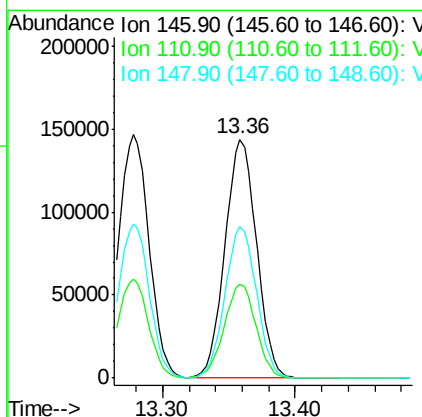
RT: 13.36 min Scan# 3603

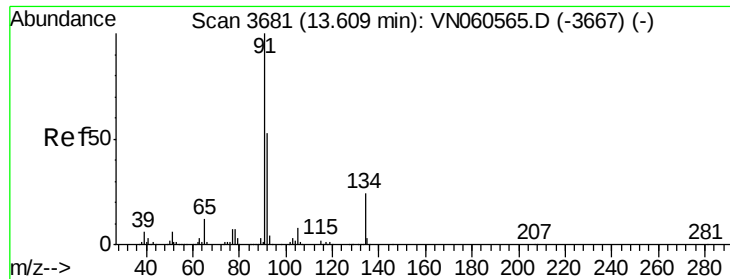
Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.7  | 19.6  | 58.7  |
| 148     | 63.4  | 32.1  | 96.3  |





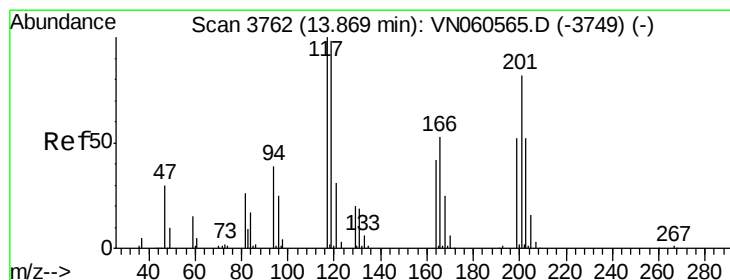
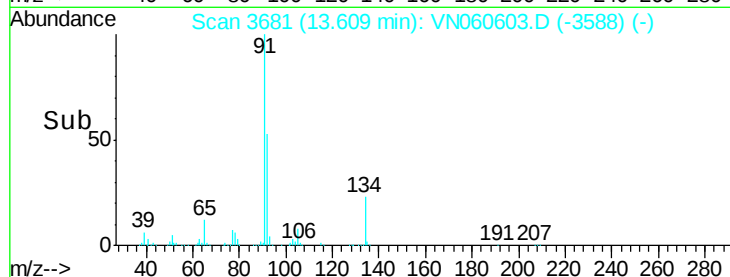
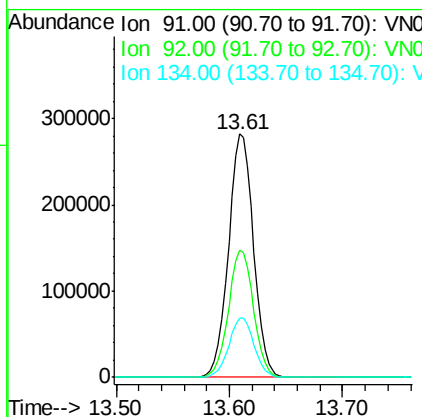
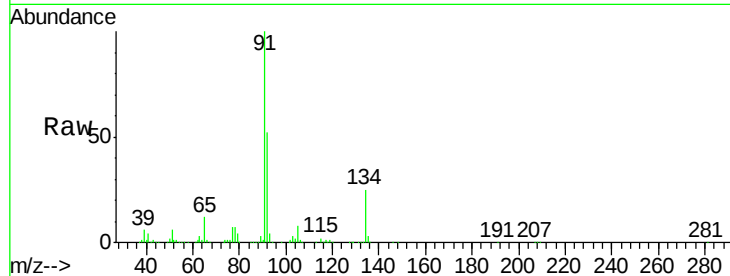
#89  
n-Butylbenzene  
Concen: 49.318 ug/l  
RT: 13.61 min Scan# 3681  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.3  | 26.2  | 78.5  |
| 134     | 24.6  | 12.3  | 36.9  |

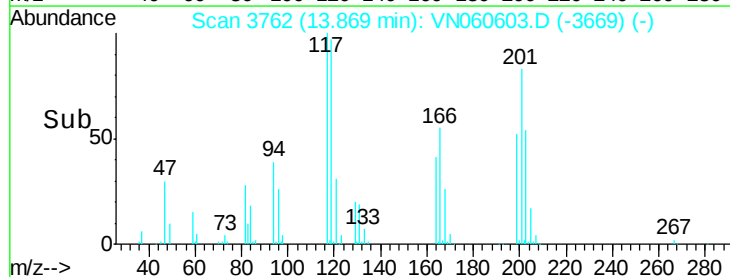
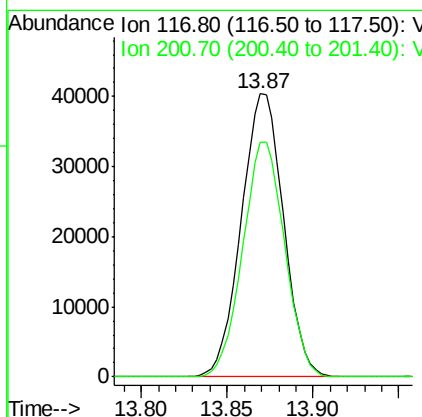
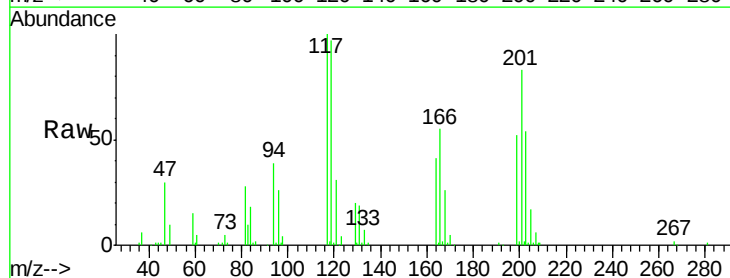
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#90  
Hexachloroethane  
Concen: 48.959 ug/l  
RT: 13.87 min Scan# 3762  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 82.4  | 40.8  | 122.5 |





#91

1,2-Dichlorobenzene

Concen: 49.658 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

Instrument :

MSVOA\_N

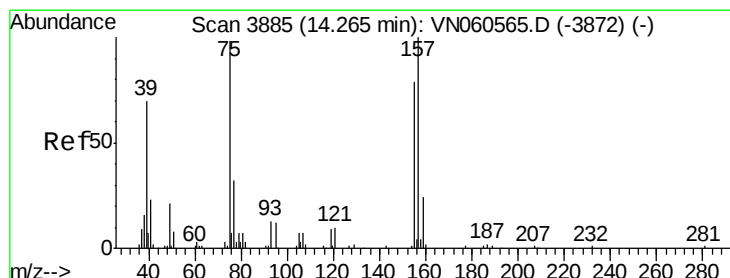
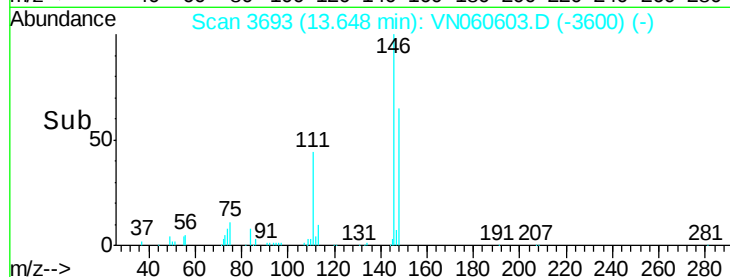
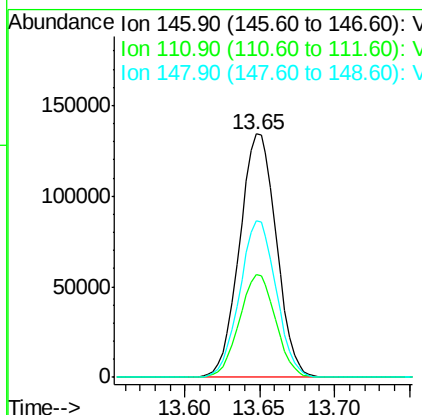
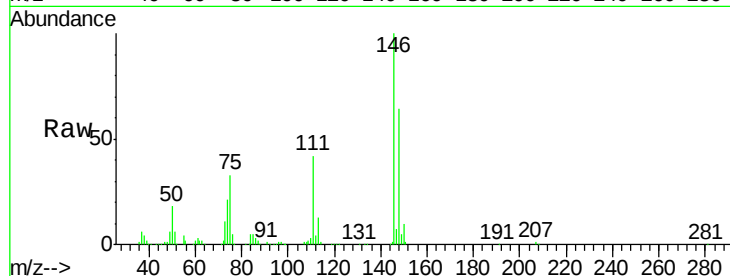
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 229755 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 41.6  | 21.0  | 63.0   |
| 148       | 63.6  | 31.9  | 95.5   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.812 ug/l

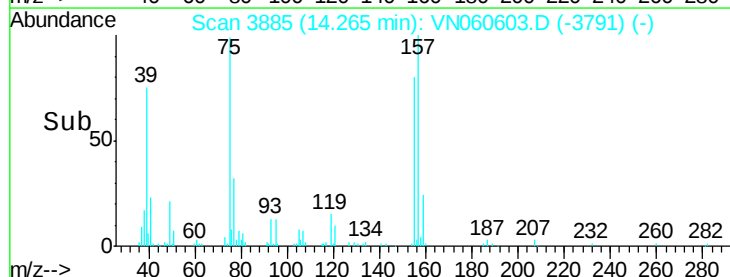
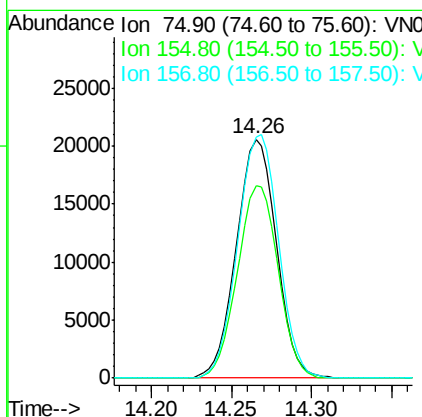
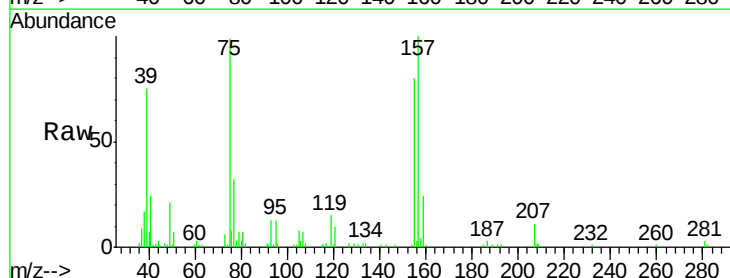
RT: 14.26 min Scan# 3885

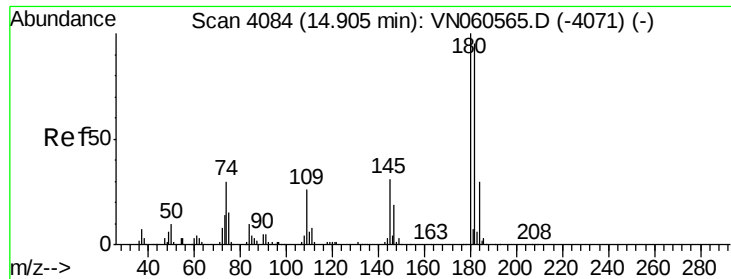
Delta R.T. 0.00 min

Lab File: VN060603.D

Acq: 18 Mar 2020 19:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 35206 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 81.7  | 40.7  | 122.1 |
| 157       | 103.6 | 51.5  | 154.7 |





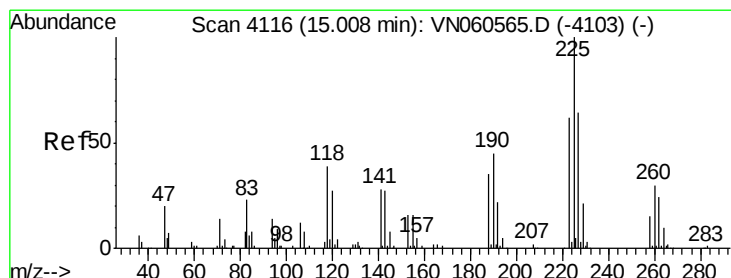
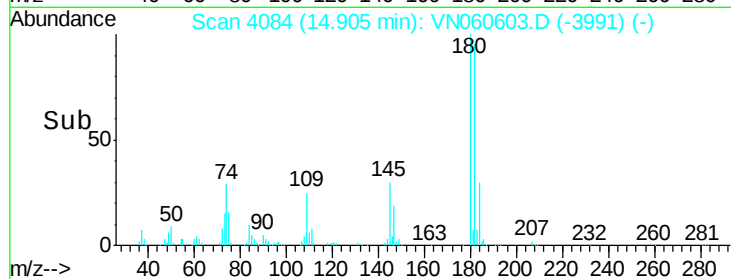
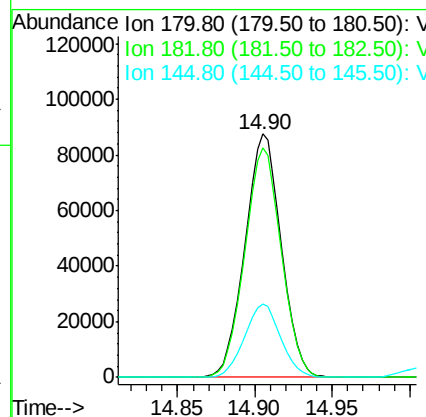
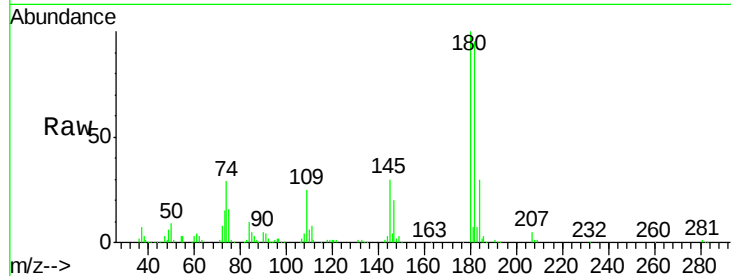
#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.233 ug/l  
 RT: 14.90 min Scan# 4084  
 Delta R.T. 0.00 min  
 Lab File: VN060603.D  
 Acq: 18 Mar 2020 19:27

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 142726 |       |       |
| 182     | 94.8  | 47.9   | 143.8 |       |
| 145     | 30.1  | 15.4   | 46.2  |       |

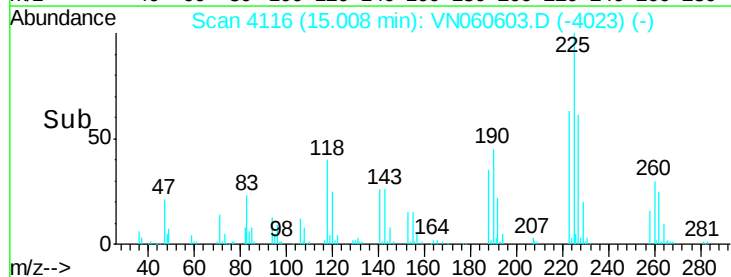
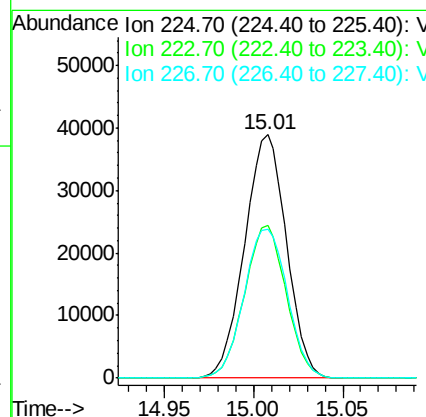
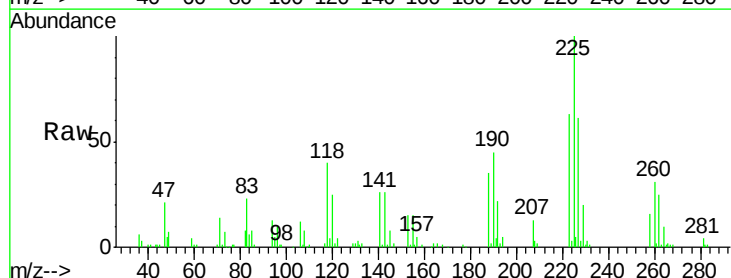
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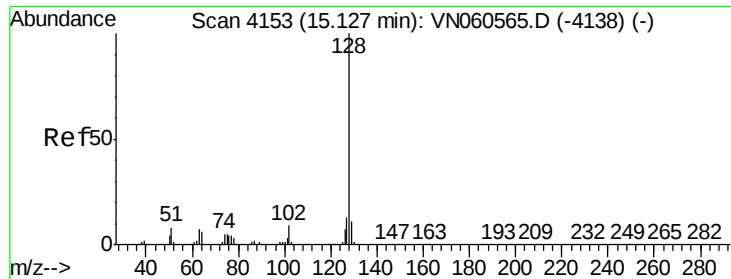
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#94  
 Hexachlorobutadiene  
 Concen: 45.956 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN060603.D  
 Acq: 18 Mar 2020 19:27

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 64010 |       |       |
| 223     | 62.4  | 31.6  | 95.0  |       |
| 227     | 63.5  | 32.3  | 96.8  |       |





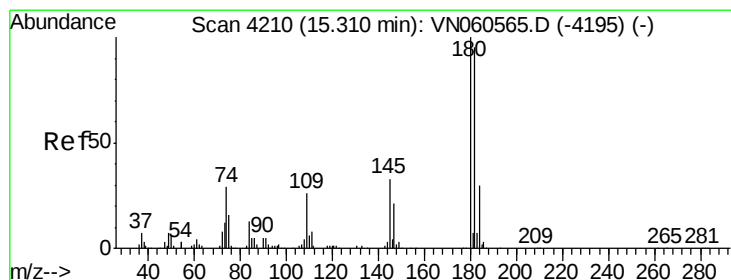
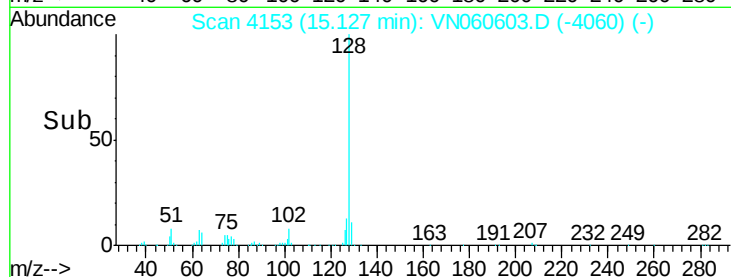
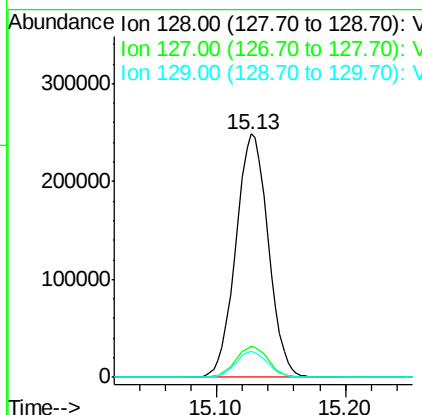
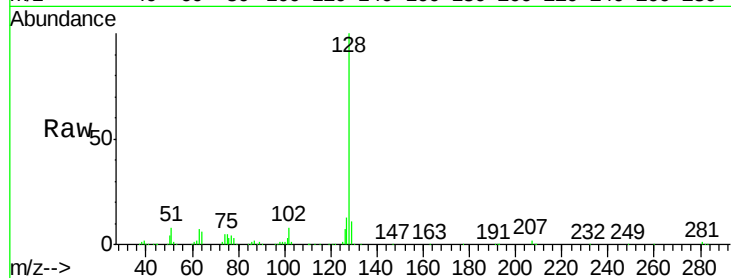
#95  
Naphthalene  
Concen: 50.749 ug/l  
RT: 15.13 min Scan# 4153  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.7  | 10.2  | 15.2  |
| 129     | 10.6  | 8.8   | 13.2  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 48.224 ug/l  
RT: 15.31 min Scan# 4210  
Delta R.T. 0.00 min  
Lab File: VN060603.D  
Acq: 18 Mar 2020 19:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.8  | 47.5  | 142.6 |
| 145     | 32.7  | 16.3  | 48.8  |

