

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\  
 Data File : VN062308.D  
 Acq On : 1 Jul 2020 21:44  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 7/2/2020 12:39:03 PM

Quant Time: Jul 02 07:55:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 24 15:33:00 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 213540   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 393391   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 372226   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 177976   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 164959   | 55.05 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.10% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 126533   | 50.14 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.28% |      |
| 50) Toluene-d8            | 10.06  | 98  | 512991   | 50.85 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.70% |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 176999   | 51.93 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.86% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 110765  | 45.890  | ug/l | 96     |
| 3) Chloromethane              | 2.03 | 50  | 150232  | 52.947  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.16 | 62  | 176964  | 46.556  | ug/l | 100    |
| 5) Bromomethane               | 2.52 | 94  | 110694  | 45.059  | ug/l | 99     |
| 6) Chloroethane               | 2.66 | 64  | 124393  | 47.907  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 219542  | 46.873  | ug/l | 99     |
| 8) Diethyl Ether              | 3.37 | 74  | 90109   | 55.096  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101 | 121853  | 49.681  | ug/l | 96     |
| 10) Methyl Iodide             | 3.91 | 142 | 145521  | 52.682  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.74 | 59  | 124295  | 288.885 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 123964  | 50.557  | ug/l | 95     |
| 13) Acrolein                  | 3.56 | 56  | 105073  | 249.433 | ug/l | 98     |
| 14) Allyl chloride            | 4.27 | 41  | 186911  | 55.990  | ug/l | 98     |
| 15) Acrylonitrile             | 4.93 | 53  | 352026  | 300.244 | ug/l | 99     |
| 16) Acetone                   | 3.77 | 43  | 270958  | 288.691 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.00 | 76  | 342364  | 48.750  | ug/l | 100    |
| 18) Methyl Acetate            | 4.28 | 43  | 143884  | 60.400  | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 441793  | 56.387  | ug/l | 97     |
| 20) Methylene Chloride        | 4.50 | 84  | 155401  | 56.518  | ug/l | 95     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 137667  | 49.285  | ug/l | 95     |
| 22) Diisopropyl ether         | 5.90 | 45  | 449236  | 59.102  | ug/l | 98     |
| 23) Vinyl Acetate             | 5.84 | 43  | 1846432 | 297.534 | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 5.79 | 63  | 266279  | 54.403  | ug/l | 99     |
| 25) 2-Butanone                | 6.79 | 43  | 435565  | 297.367 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 6.77 | 77  | 182633  | 44.777  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 164762  | 52.419  | ug/l | 99     |
| 28) Bromochloromethane        | 7.15 | 49  | 114254  | 53.800  | ug/l | 90     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 291880  | 304.208 | ug/l | 98     |
| 30) Chloroform                | 7.33 | 83  | 267382  | 53.692  | ug/l | 99     |
| 31) Cyclohexane               | 7.61 | 56  | 215287  | 51.999  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 219741  | 52.323  | ug/l | 97     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 194700  | 49.239  | ug/l | 98     |
| 37) Ethyl Acetate             | 6.88 | 43  | 187523  | 57.272  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 177762  | 47.684  | ug/l | 98     |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 7/2/2020 12:39:03 PM

Quant Time: Jul 02 07:55:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 24 15:33:00 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 214458   | 49.500   | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 614464   | 50.984   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.14  | 41   | 90984m   | 59.938   | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 211483   | 51.936   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 306676   | 57.456   | ug/l # | 90       |
| 44) Trichloroethene            | 8.80  | 130  | 142729   | 46.947   | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 9.09  | 63   | 162579   | 54.679   | ug/l   | 100      |
| 46) Dibromomethane             | 9.18  | 93   | 103404   | 51.294   | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.37  | 83   | 215613   | 52.970   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.17  | 41   | 145579   | 60.830   | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 58120    | 1095.102 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 945109   | 303.063  | ug/l   | 98       |
| 52) Toluene                    | 10.12 | 92   | 382596   | 52.028   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 232844   | 51.995   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 251009   | 52.648   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 154017   | 53.281   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 227876   | 59.071   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 266013   | 53.464   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 420972   | 255.904  | ug/l   | 96       |
| 59) 2-Hexanone                 | 10.72 | 43   | 695898   | 309.030  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.87 | 129  | 157505   | 51.466   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 152598   | 51.377   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.60 | 164  | 113593   | 44.675   | ug/l   | 97       |
| 65) Chlorobenzene              | 11.40 | 112  | 399558   | 48.881   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 141894   | 50.201   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.48 | 91   | 724239   | 52.462   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.59 | 106  | 554404   | 103.829  | ug/l   | 97       |
| 69) o-Xylene                   | 11.92 | 106  | 263452   | 52.293   | ug/l   | 95       |
| 70) Styrene                    | 11.94 | 104  | 454743   | 54.123   | ug/l   | 98       |
| 71) Bromoform                  | 12.10 | 173  | 100728   | 50.122   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.22 | 105  | 707182   | 51.331   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.05 | 43   | 273282   | 53.627   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 240014   | 52.353   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 214437m  | 51.182   | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 159614   | 46.666   | ug/l   | 91       |
| 78) n-propylbenzene            | 12.57 | 91   | 828111   | 52.550   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 487076   | 51.127   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 593334   | 53.127   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 75538    | 52.653   | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 510661   | 51.835   | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 479418   | 50.160   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 588579   | 52.768   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 674152   | 53.379   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 587544   | 53.100   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 297493   | 49.532   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 297197   | 48.004   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 487859   | 53.033   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 112266   | 51.714   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 291031   | 49.970   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 40288    | 54.857   | ug/l   | 93       |

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Acq On : 1 Jul 2020 21:44  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

MMDadoda  
7/2/2020 12:39:03 PM

Quant Time: Jul 02 07:55:48 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 24 15:33:00 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 122104   | 47.991 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 50903    | 46.064 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 371945   | 44.336 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 126247   | 48.527 | ug/l  | 99       |

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

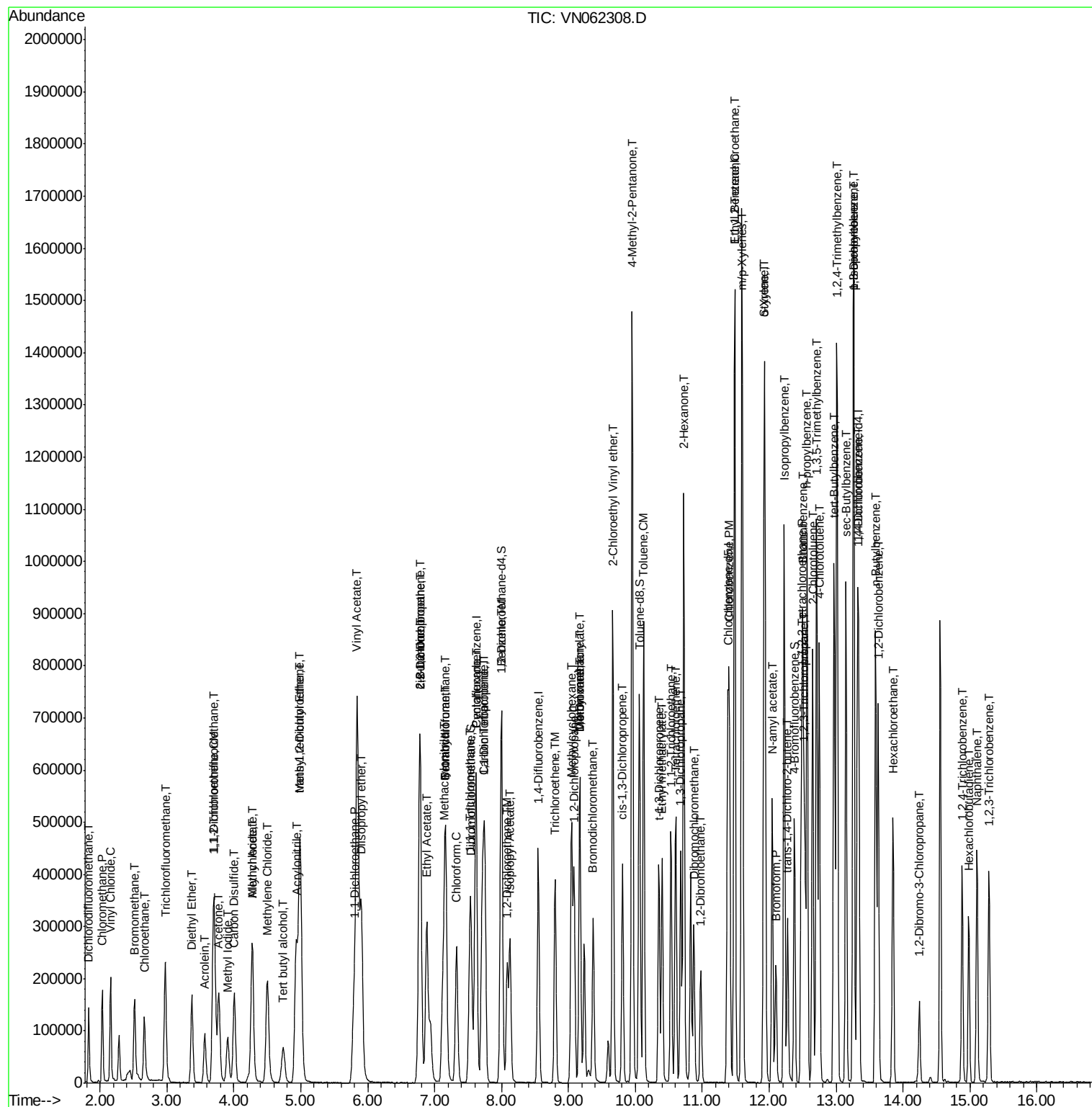
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Data File : VN062308.D  
Acq On : 1 Jul 2020 21:44  
Operator : JC/MD  
Sample : VSTDCCC050  
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ALS Vial : 28 Sample Multiplier: 1

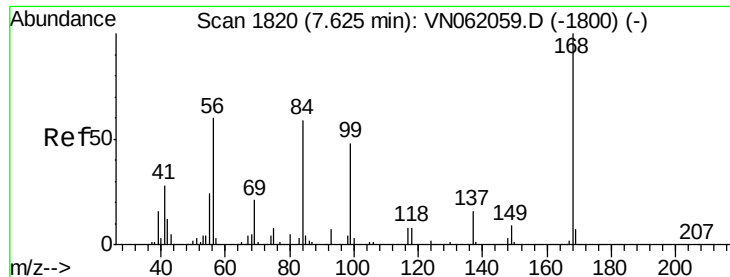
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

MMDadoda  
7/2/2020 12:39:03 PM

Quant Time: Jul 02 07:55:48 2020  
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Quant Title : SW846 8260  
QLast Update : Wed Jun 24 15:33:00 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 213540

Ion Ratio Lower Upper

168 100

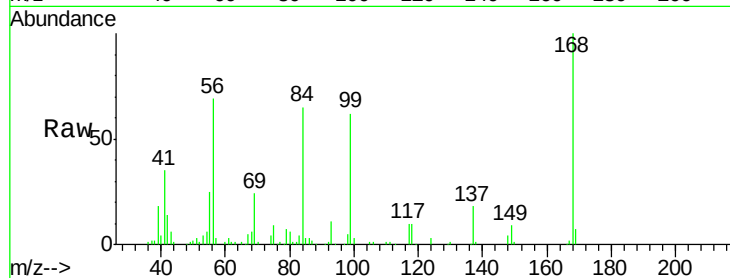
99 61.1 45.8 68.8

Manual Integrations

APPROVED

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7/2/2020 12:39:03 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

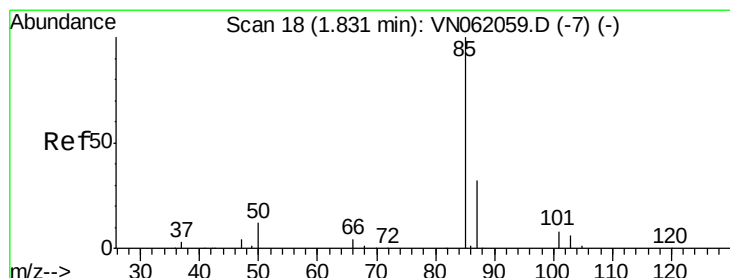
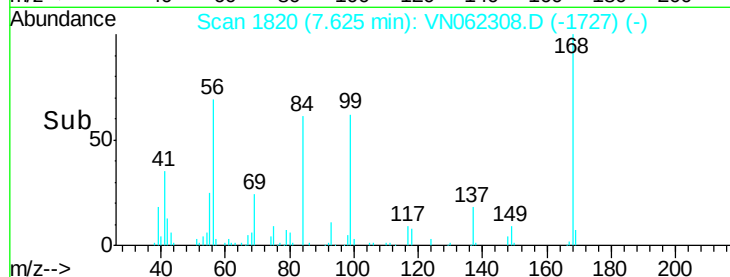
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.890 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062308.D

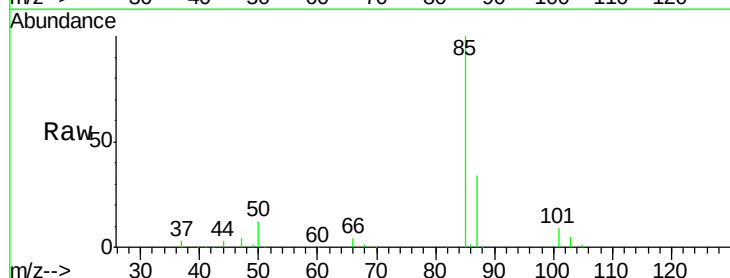
Acq: 1 Jul 2020 21:44

Tgt Ion: 85 Resp: 110765

Ion Ratio Lower Upper

85 100

87 33.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

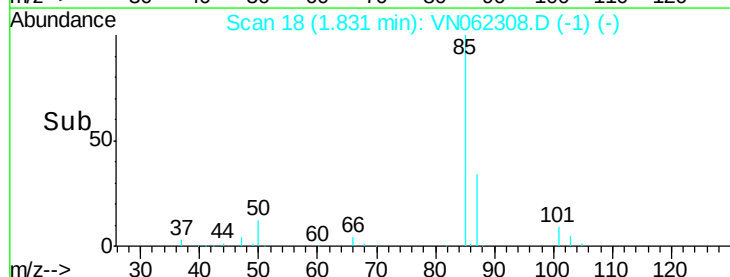
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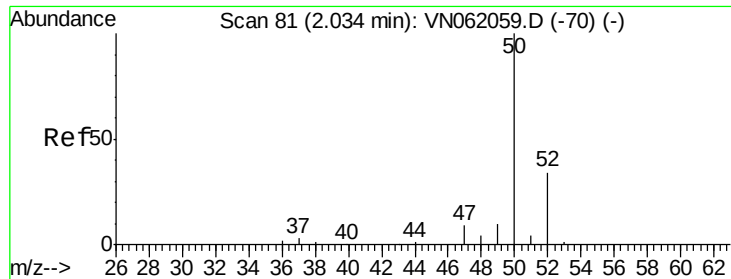
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20000

0

Time-->





#3

Chloromethane

Concen: 52.947 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 150232

Ion Ratio Lower Upper

50 100

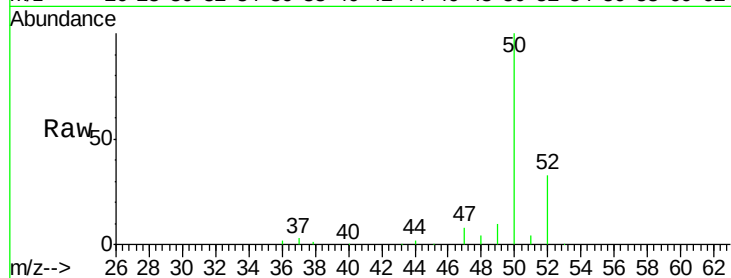
52 32.6 27.0 40.6

Manual Integrations

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7/2/2020 12:39:03 PM



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

120000

100000

80000

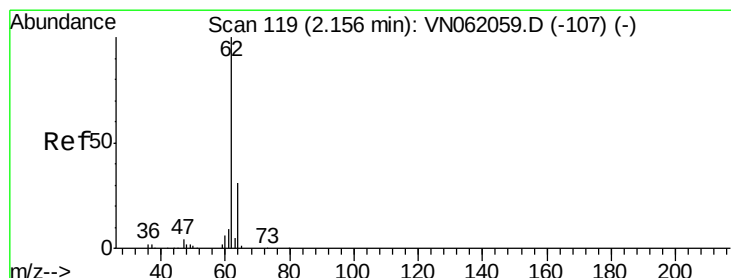
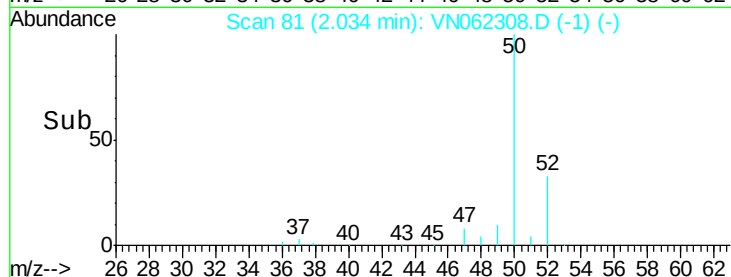
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 46.556 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062308.D

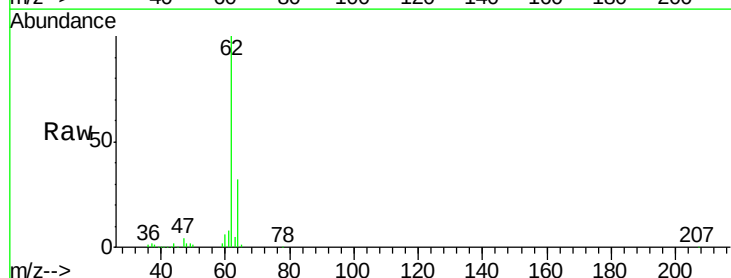
Acq: 1 Jul 2020 21:44

Tgt Ion: 62 Resp: 176964

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

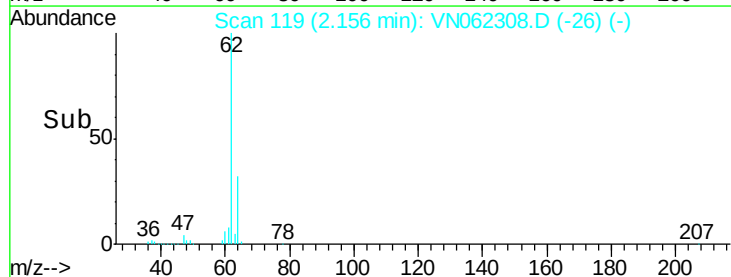
2.16

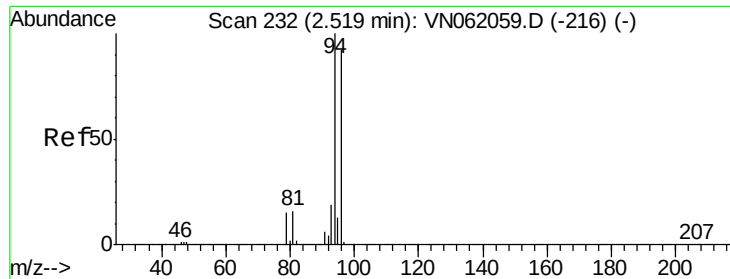
100000

50000

0

Time-->





#5

Bromomethane

Concen: 45.059 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 110694

Ion Ratio Lower Upper

94 100

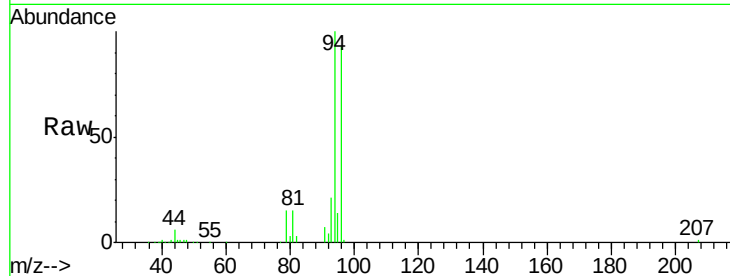
96 93.1 73.4 110.2

Manual Integrations

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7/2/2020 12:39:03 PM



Abundance Ion 93.90 (93.60 to 94.60): VN062059.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062059.D (-216) (-)

2.52

60000

50000

40000

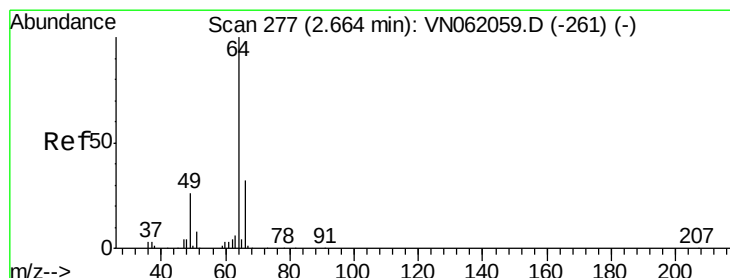
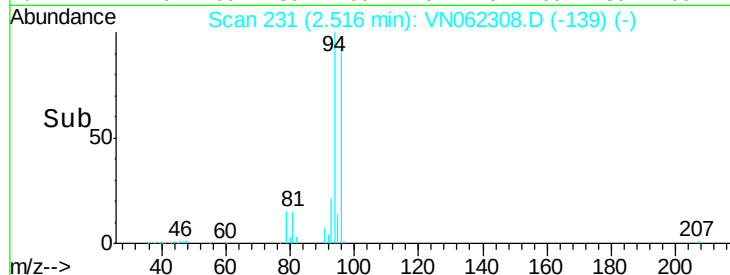
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 47.907 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062308.D

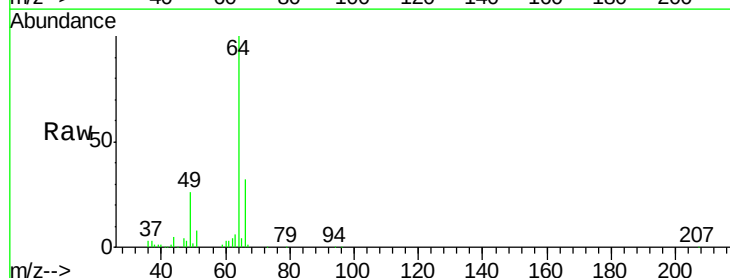
Acq: 1 Jul 2020 21:44

Tgt Ion: 64 Resp: 124393

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062059.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062059.D (-261) (-)

2.66

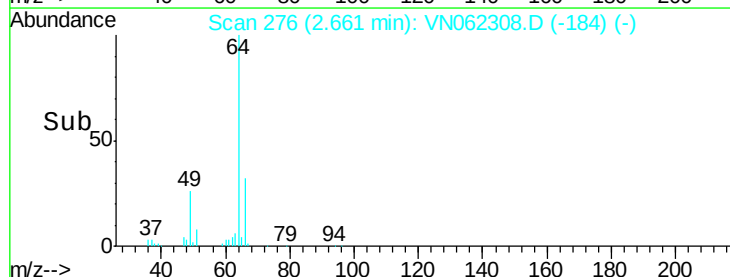
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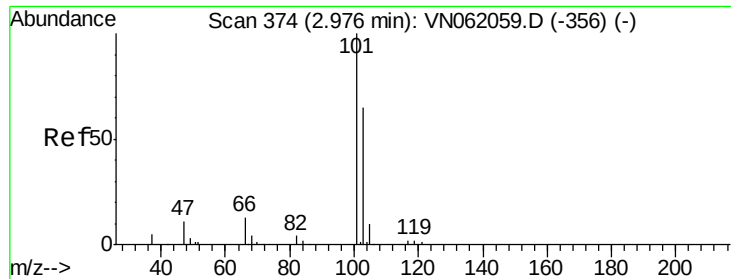
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Time-->







#7

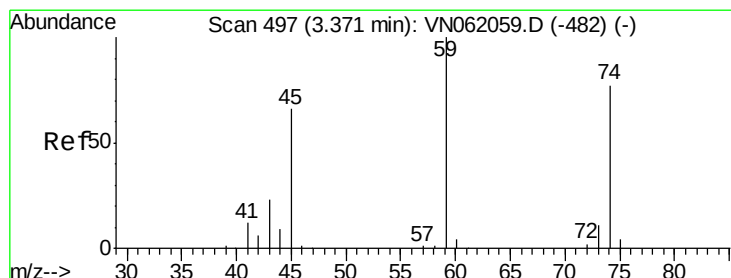
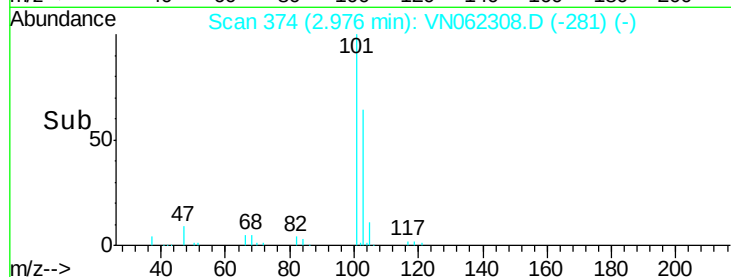
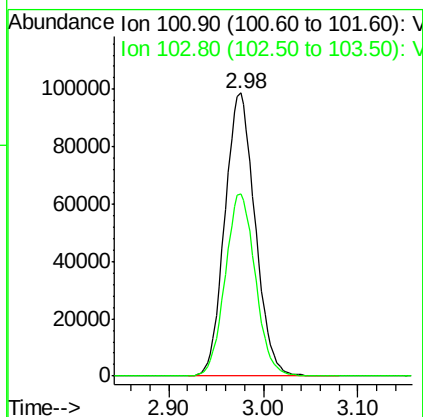
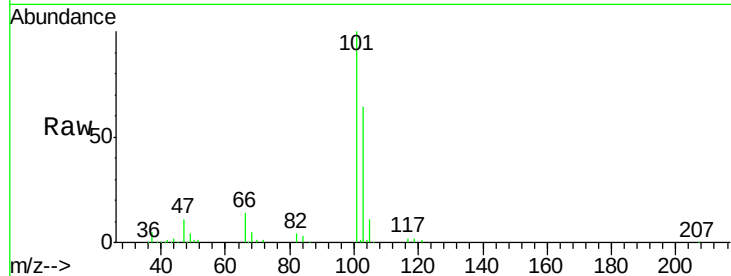
Trichlorofluoromethane  
Concen: 46.873 ug/l  
RT: 2.98 min Scan# 374  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.3  | 51.8  | 77.6  |

Manual Integrations  
APPROVED

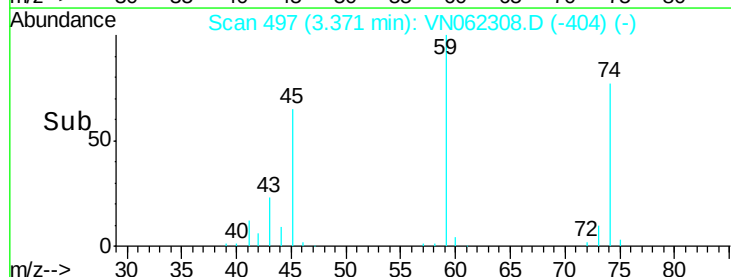
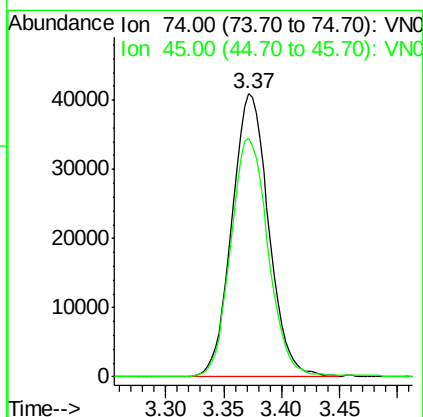
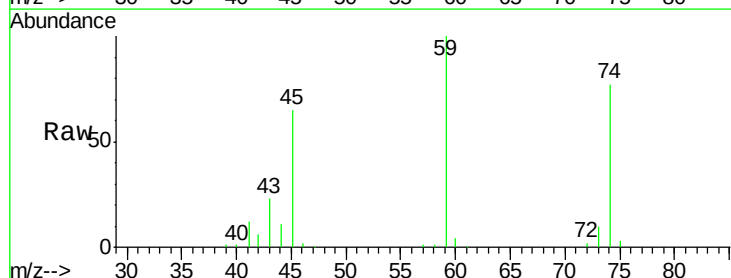
MMDadoda  
7/2/2020 12:39:03 PM



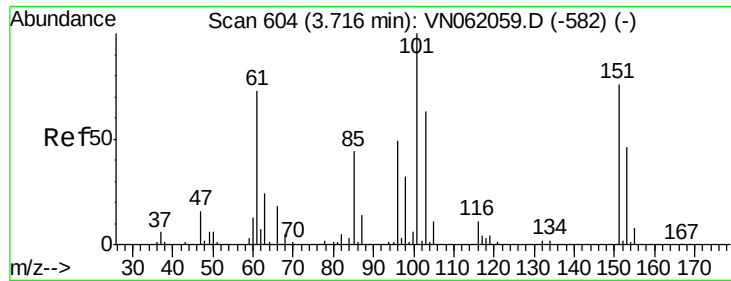
#8

Diethyl Ether  
Concen: 55.096 ug/l  
RT: 3.37 min Scan# 497  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 85.7  | 42.5  | 127.5 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.681 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

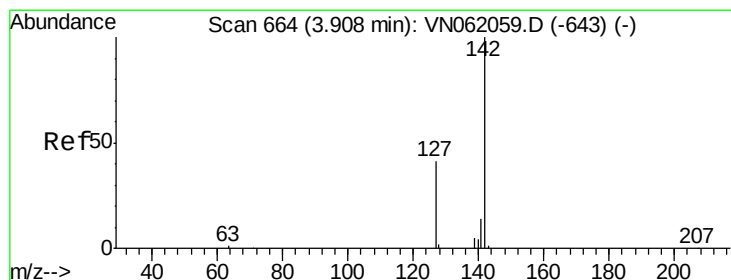
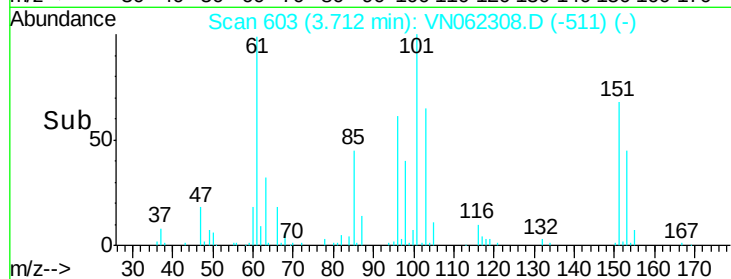
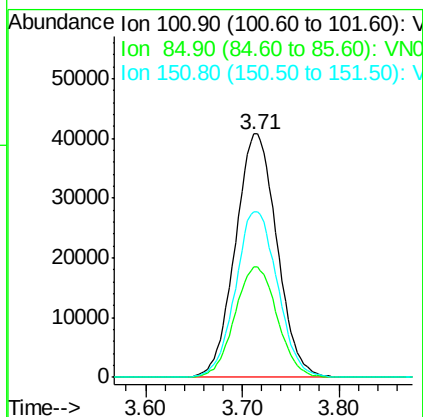
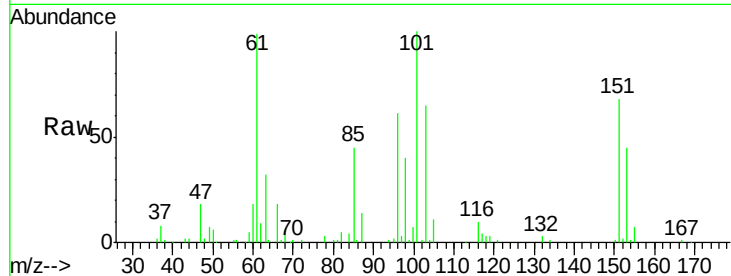
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 121853 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 46.0  | 34.5  | 51.7   |
| 151       | 68.8  | 57.8  | 86.8   |

Manual Integrations  
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MMDadoda  
7/2/2020 12:39:03 PM



#10

Methyl Iodide

Concen: 52.682 ug/l

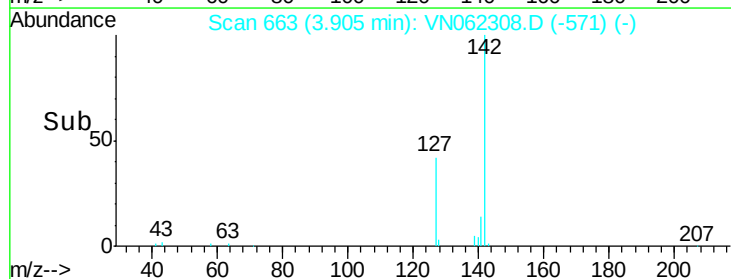
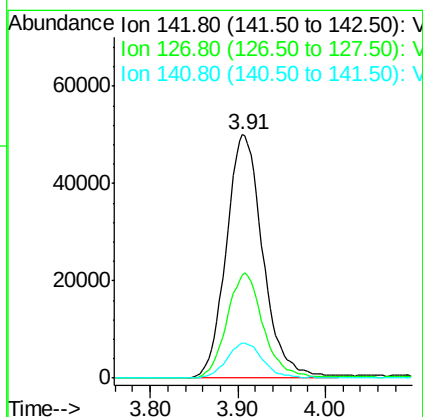
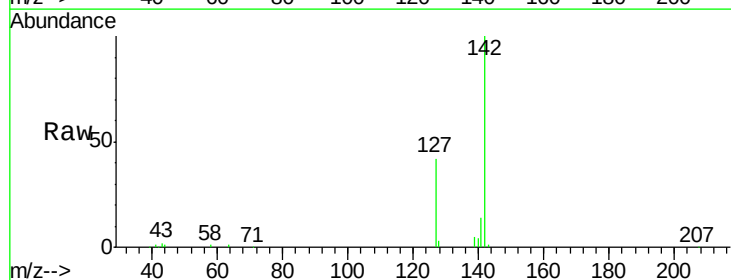
RT: 3.91 min Scan# 663

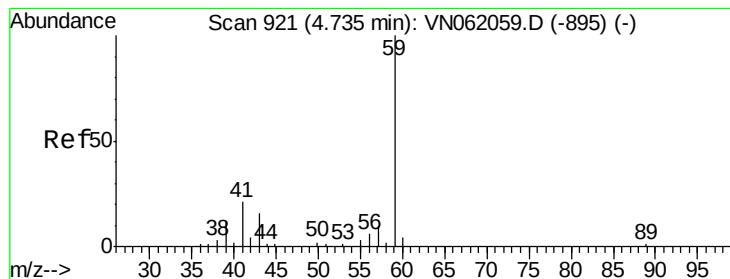
Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 145521 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.6  | 33.6  | 50.4   |
| 141       | 14.2  | 11.3  | 16.9   |





#11

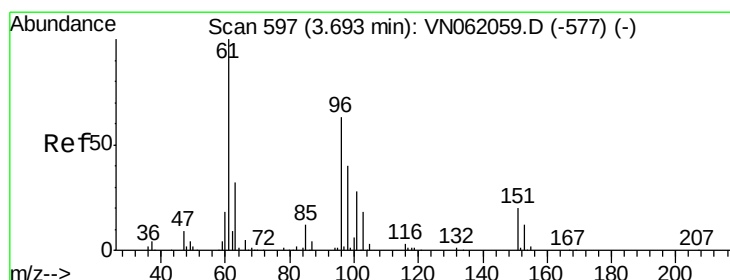
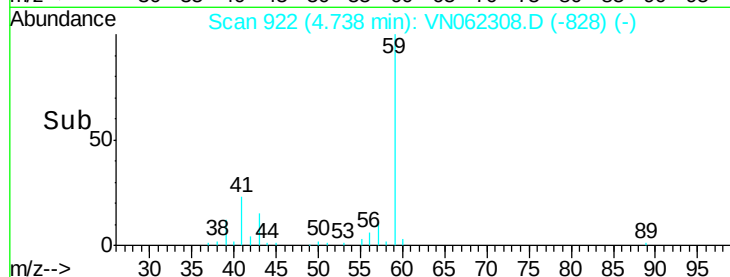
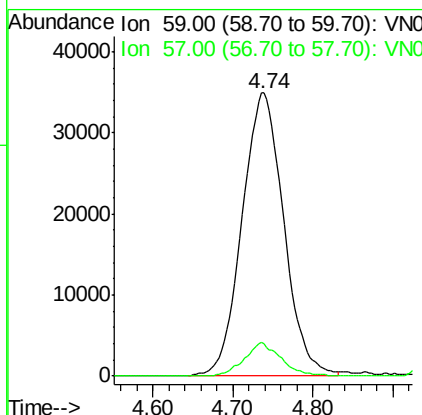
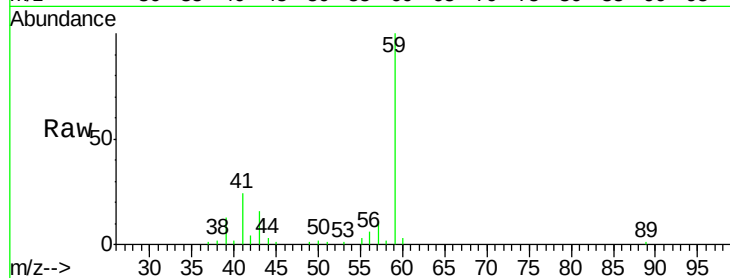
Tert butyl alcohol  
Concen: 288.885 ug/l  
RT: 4.74 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.3  | 8.3   | 12.5  |

Manual Integrations  
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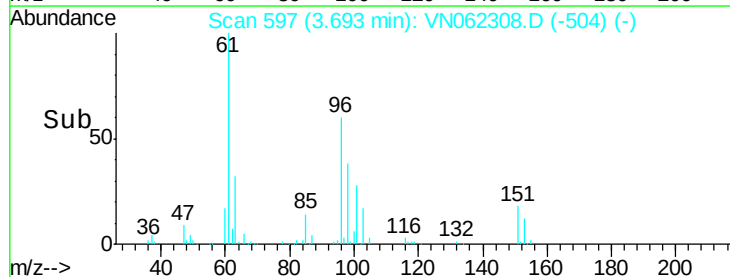
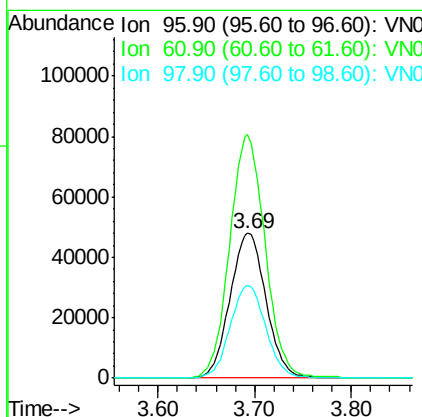
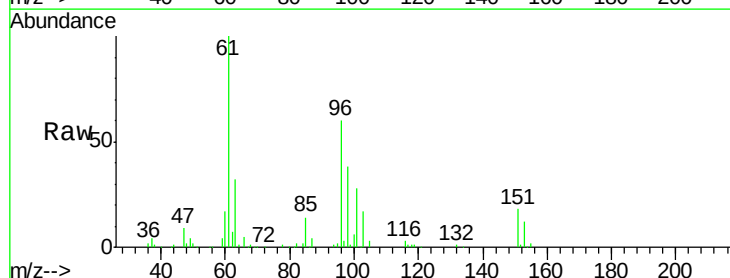
MMDadoda  
7/2/2020 12:39:03 PM

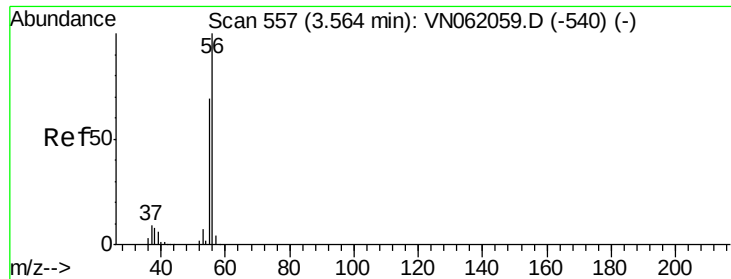


#12

1,1-Dichloroethene  
Concen: 50.557 ug/l  
RT: 3.69 min Scan# 597  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 167.9 | 126.7 | 190.1 |
| 98      | 63.9  | 51.0  | 76.4  |





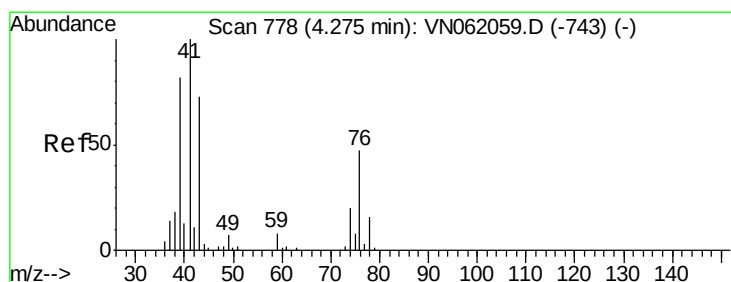
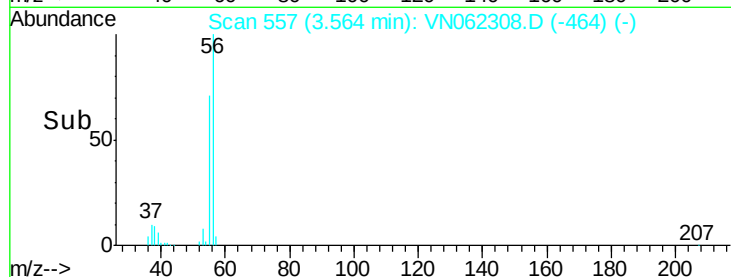
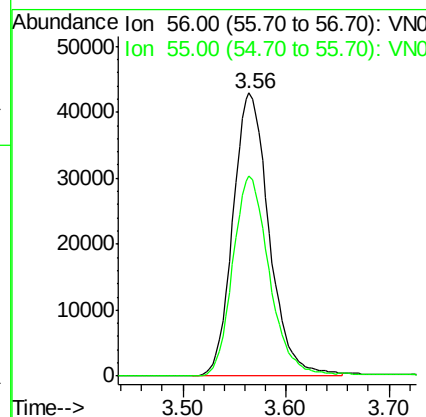
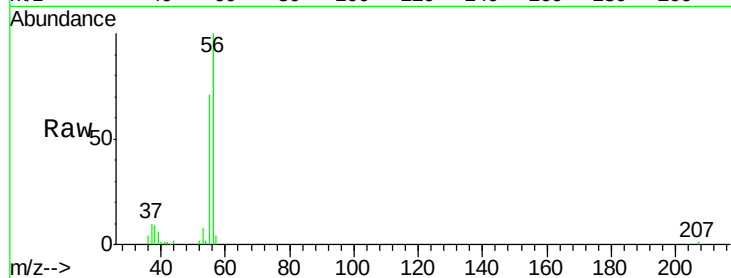
#13  
Acrolein  
Concen: 249.433 ug/l  
RT: 3.56 min Scan# 557  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 56    | Resp  | 105073 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 55        | 70.9  | 55.5  | 83.3   |

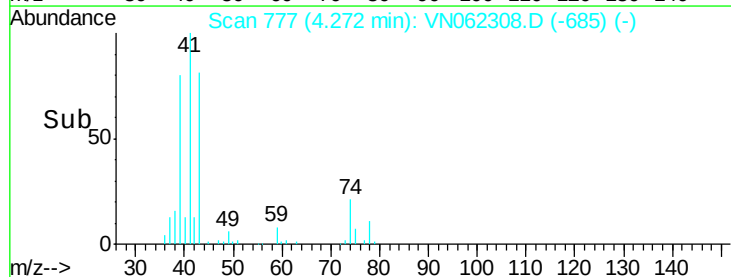
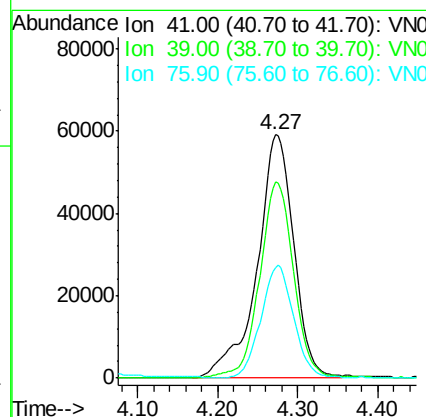
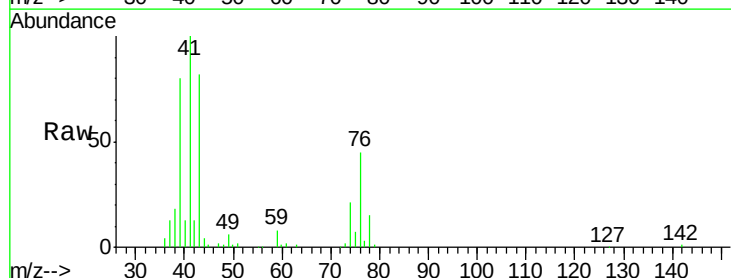
Manual Integrations  
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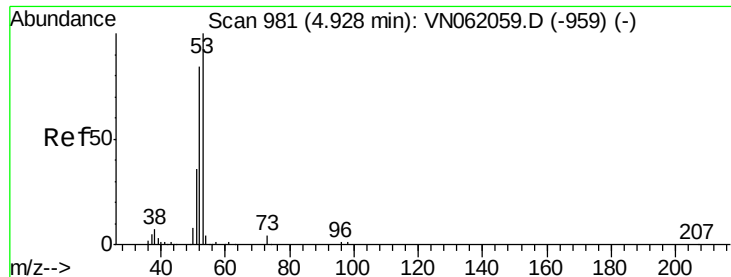
MMDadoda  
7/2/2020 12:39:03 PM



#14  
Allyl chloride  
Concen: 55.990 ug/l  
RT: 4.27 min Scan# 777  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

| Tgt Ion   | 41    | Resp  | 186911 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 39        | 74.2  | 60.0  | 90.0   |
| 76        | 40.4  | 34.1  | 51.1   |





#15

Acrylonitrile

Concen: 300.244 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

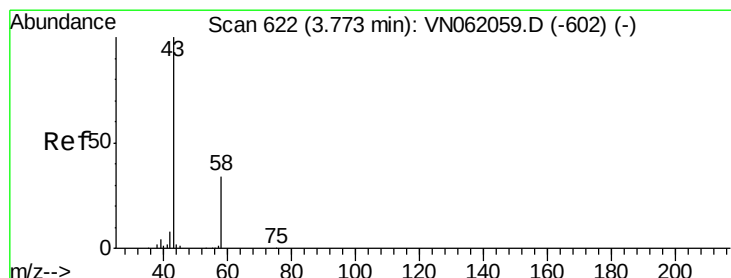
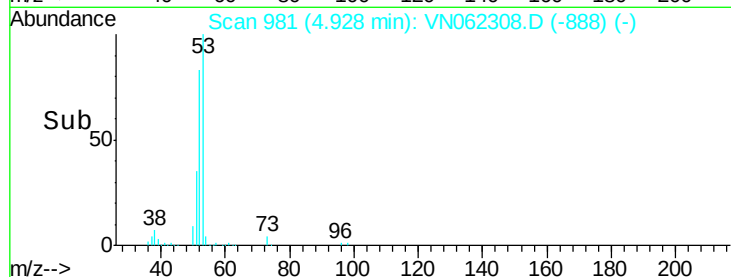
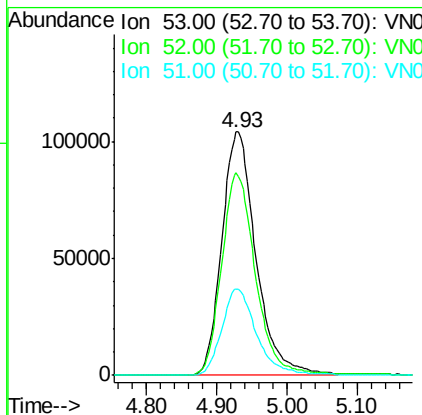
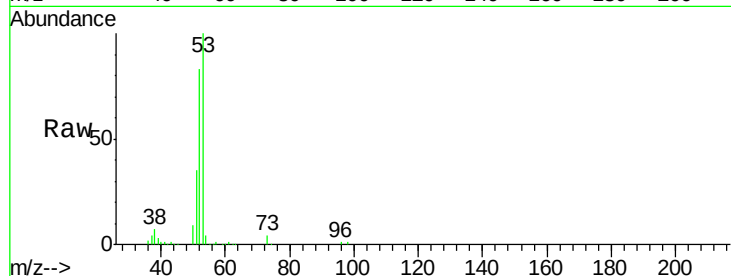
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 352026 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 81.7  | 66.2  | 99.4   |
| 51        | 36.3  | 28.9  | 43.3   |

Manual Integrations  
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7/2/2020 12:39:03 PM



#16

Acetone

Concen: 288.691 ug/l

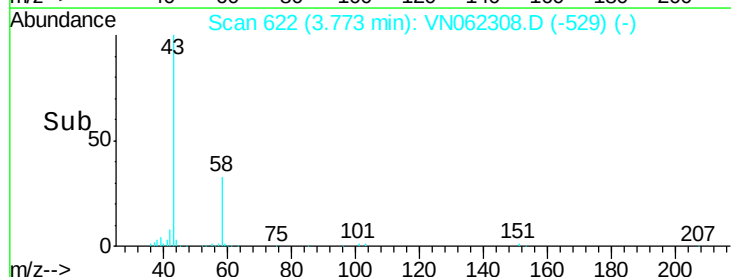
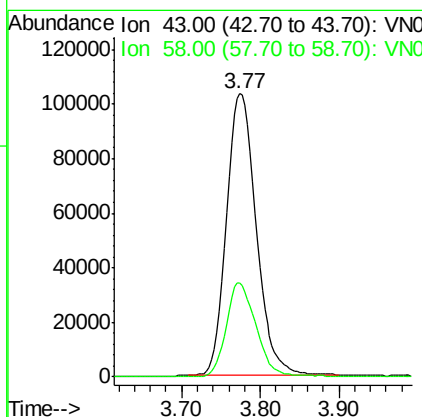
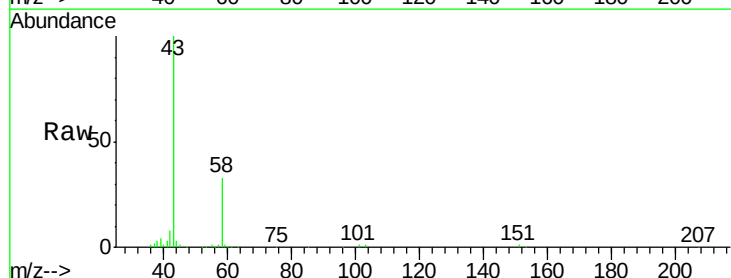
RT: 3.77 min Scan# 622

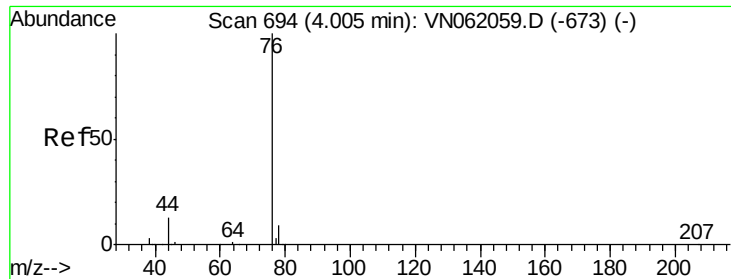
Delta R.T. 0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 270958 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 33.4  | 27.5  | 41.3   |





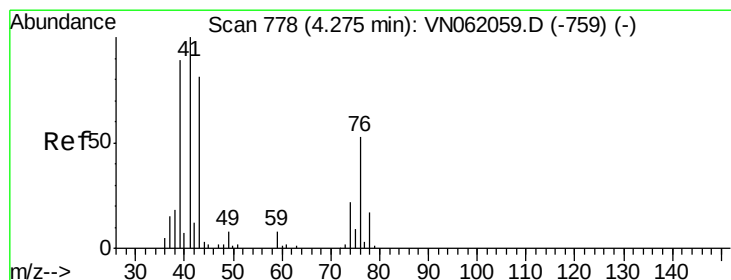
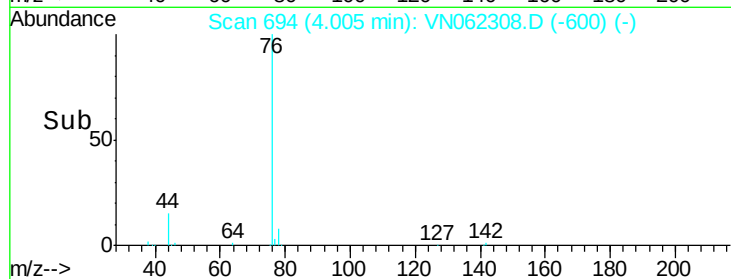
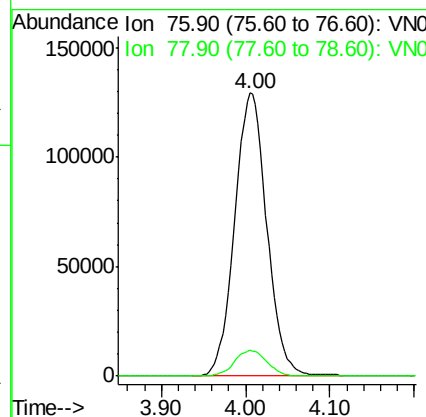
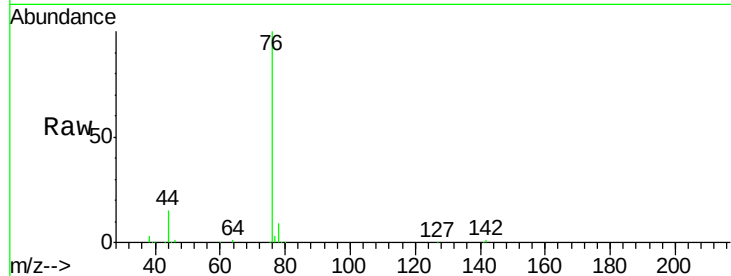
#17  
Carbon Disulfide  
Concen: 48.750 ug/l  
RT: 4.00 min Scan# 694  
Delta R.T. 0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.0   | 7.2   | 10.8  |

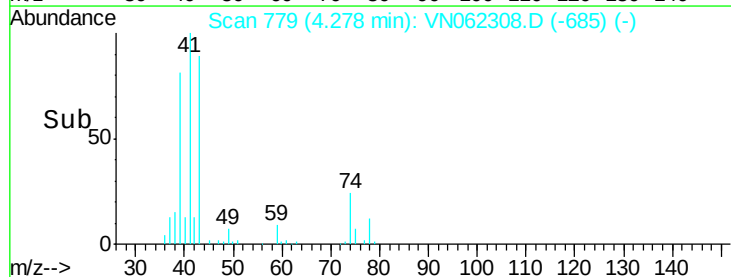
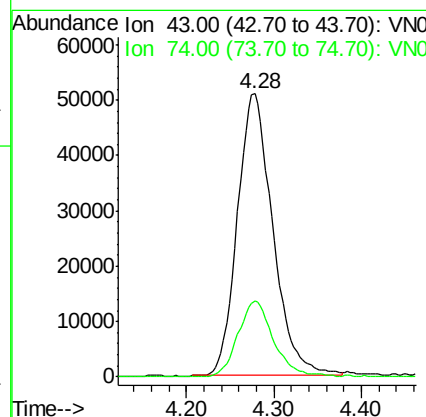
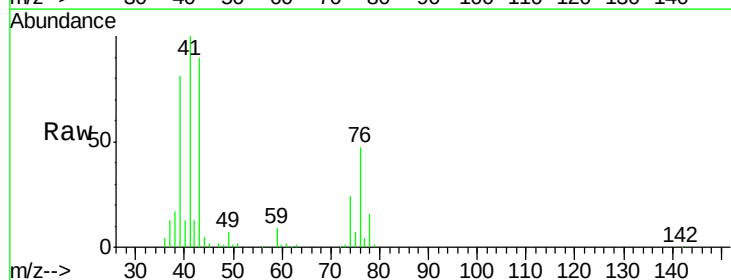
Manual Integrations  
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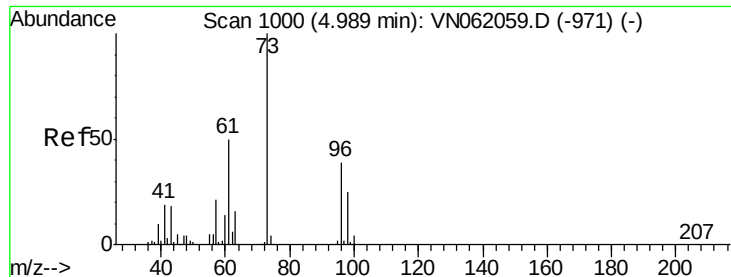
MMDadoda  
7/2/2020 12:39:03 PM



#18  
Methyl Acetate  
Concen: 60.400 ug/l  
RT: 4.28 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 26.9  | 22.9  | 34.3  |





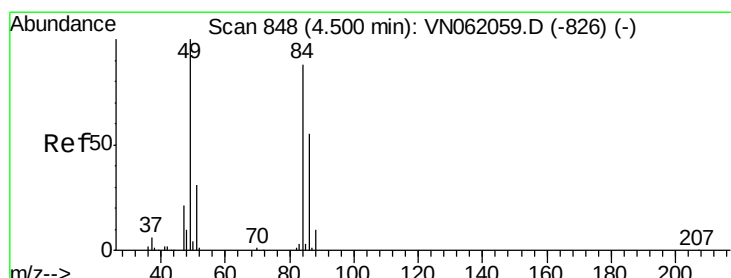
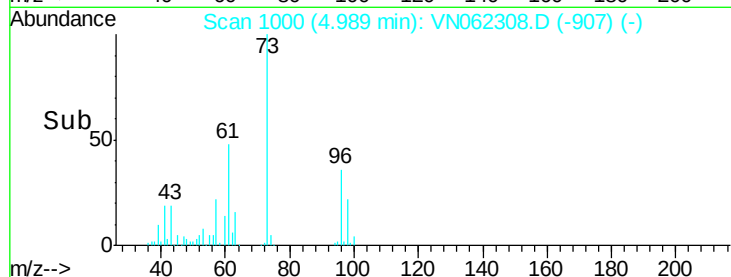
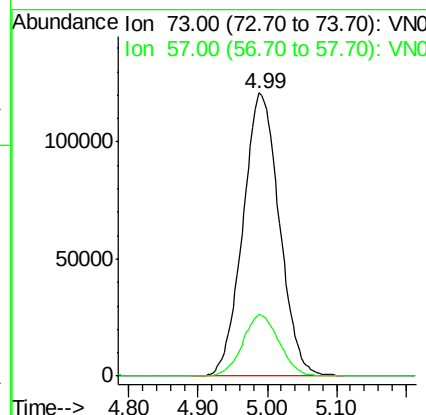
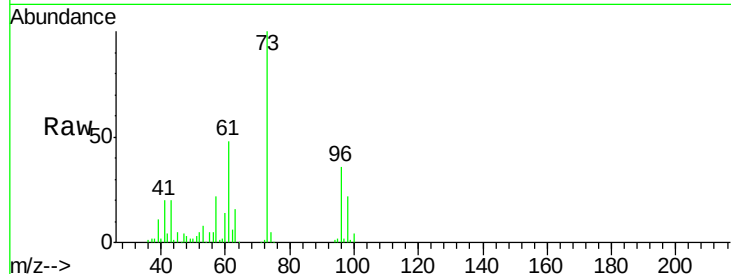
#19  
Methvl tert-butyl Ether  
Concen: 56.387 ug/l  
RT: 4.99 min Scan# 1000  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 441793  
Ion Ratio Lower Upper  
73 100  
57 21.9 16.6 24.8

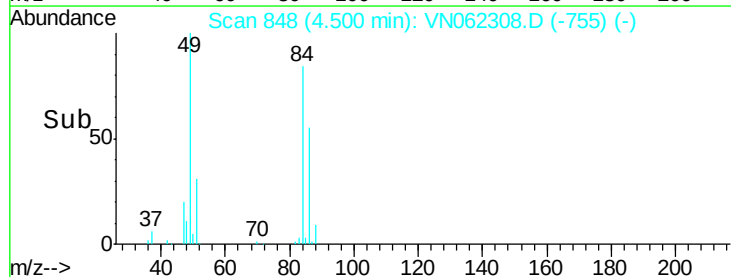
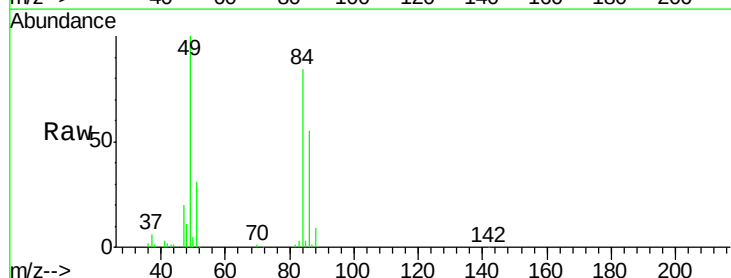
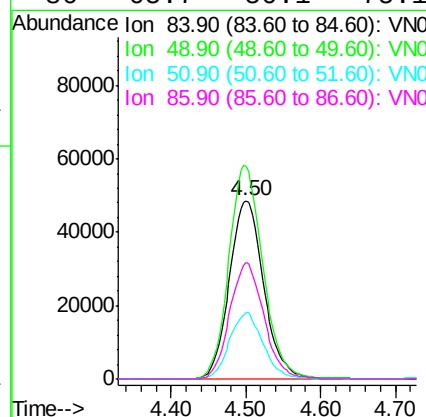
Manual Integrations  
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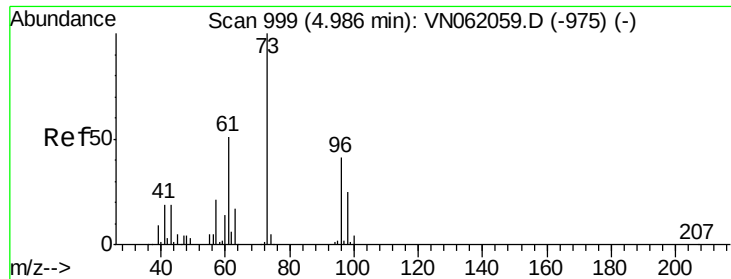
MMDadoda  
7/2/2020 12:39:03 PM



#20  
Methylene Chloride  
Concen: 56.518 ug/l  
RT: 4.50 min Scan# 848  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Tgt Ion: 84 Resp: 155401  
Ion Ratio Lower Upper  
84 100  
49 119.3 90.6 136.0  
51 37.4 27.8 41.8  
86 65.7 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 49.285 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

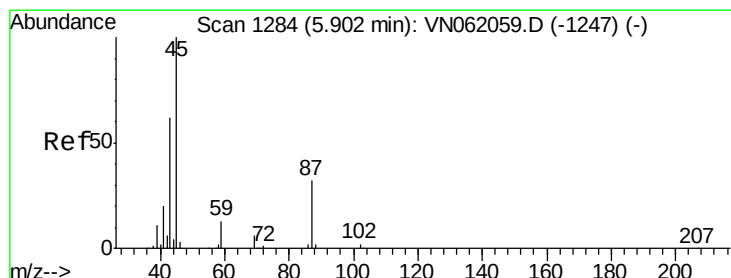
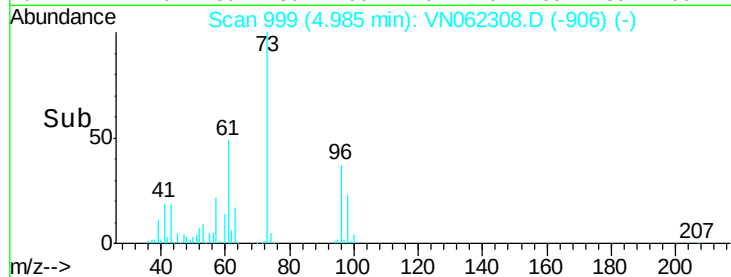
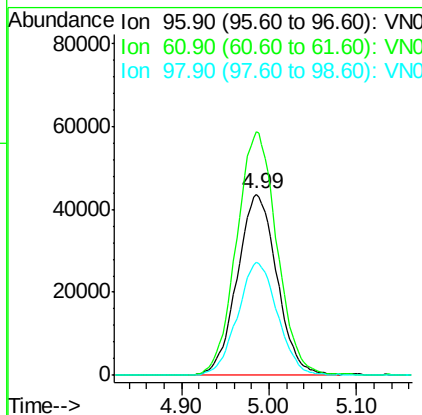
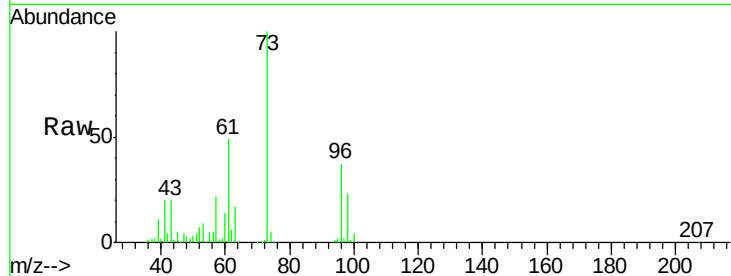
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 137667 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 134.4 | 101.4 | 152.2  |
| 98       | 62.3  | 49.3  | 73.9   |

Manual Integrations  
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MMDadoda  
7/2/2020 12:39:03 PM



#22

Diisopropyl ether

Concen: 59.102 ug/l

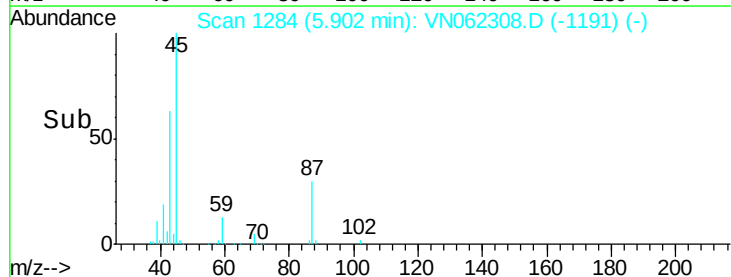
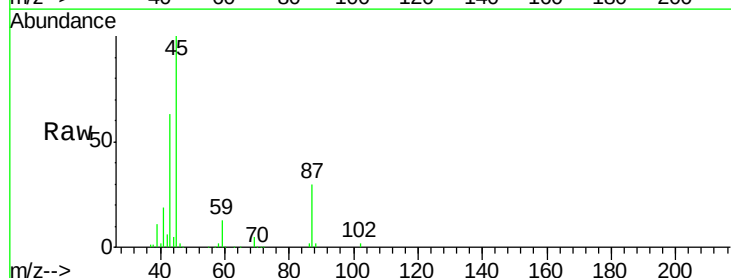
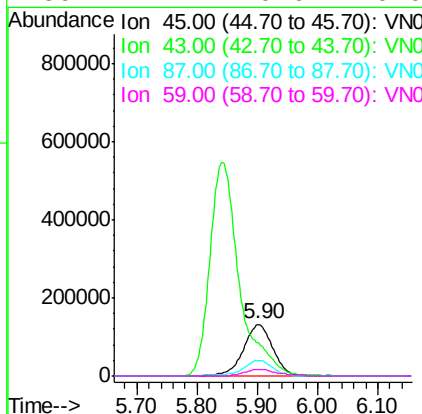
RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

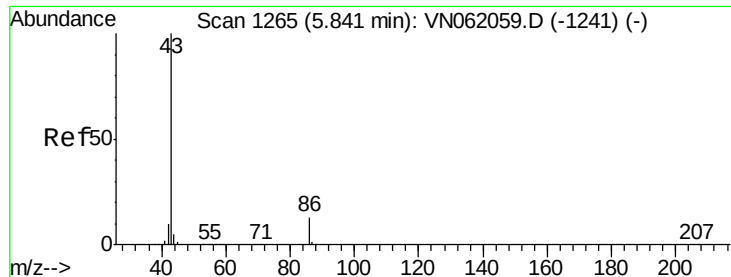
Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 449236 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 62.3  | 49.7  | 74.5   |
| 87       | 30.1  | 25.9  | 38.9   |
| 59       | 12.7  | 10.6  | 16.0   |







#23

Vinyl Acetate

Concen: 297.534 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1846432

Ion Ratio Lower Upper

43 100

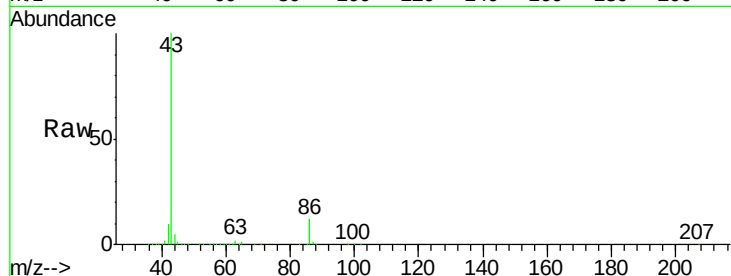
86 11.7 10.1 15.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

600000

500000

400000

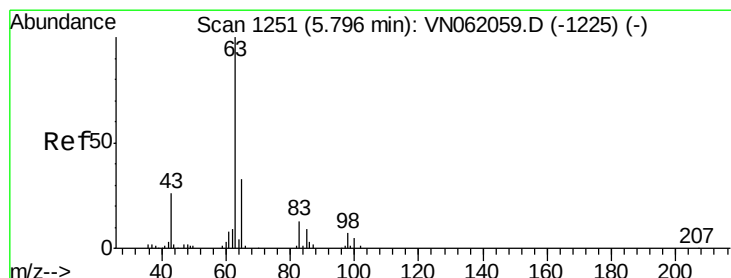
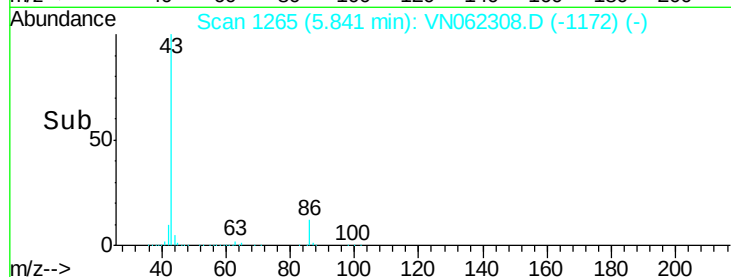
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 54.403 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

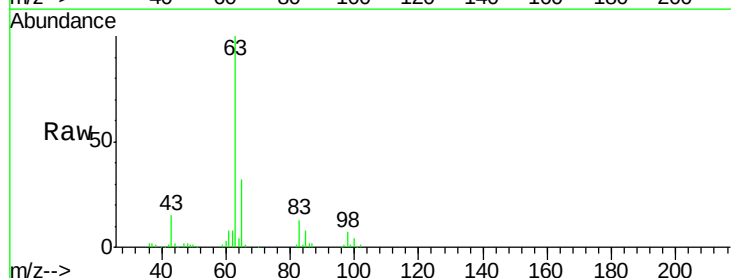
Tgt Ion: 63 Resp: 266279

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.1 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

100000

80000

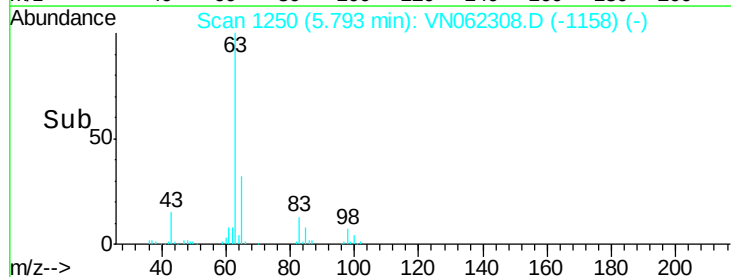
60000

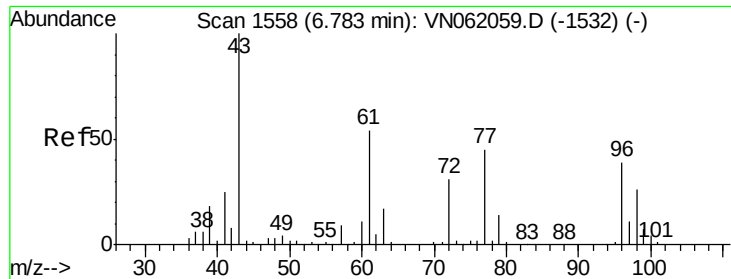
40000

20000

0

Time-->





#25

2-Butanone

Concen: 297.367 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 435565

Ion Ratio Lower Upper

43 100

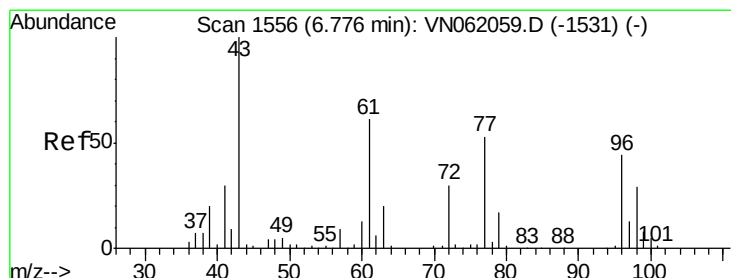
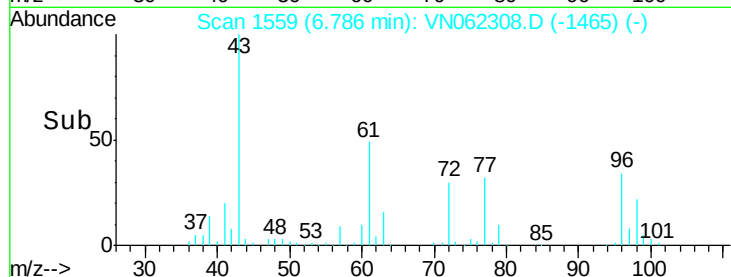
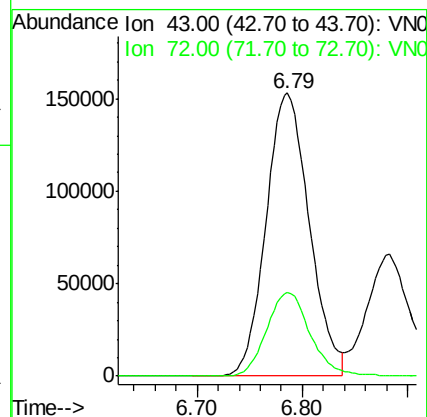
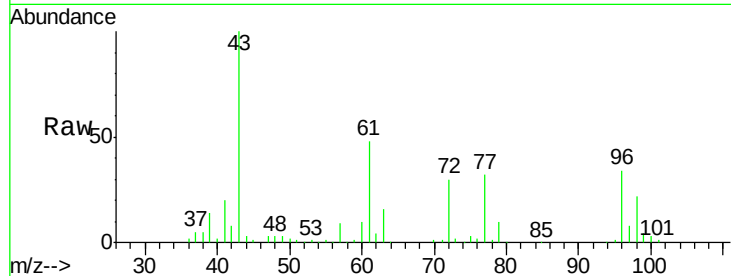
72 29.5 24.8 37.2

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#26

2,2-Dichloropropane

Concen: 44.777 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062308.D

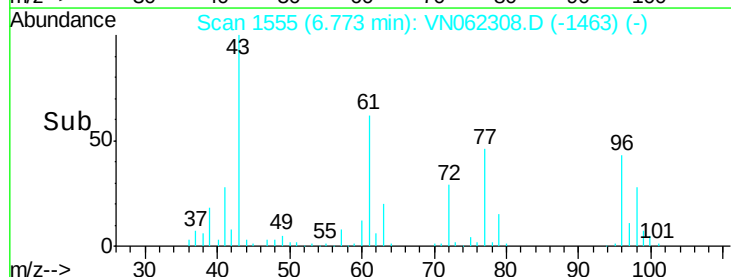
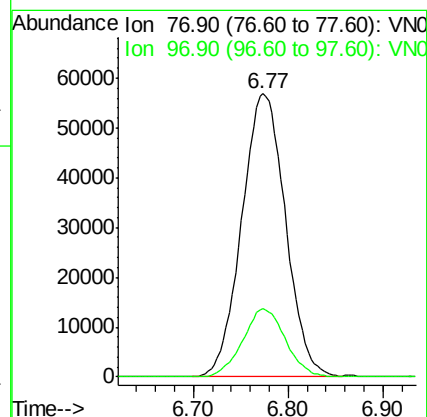
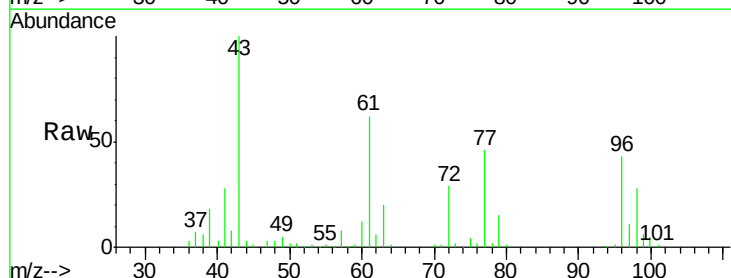
Acq: 1 Jul 2020 21:44

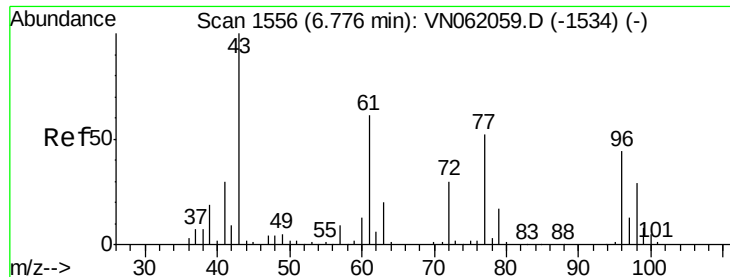
Tgt Ion: 77 Resp: 182633

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 52.419 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

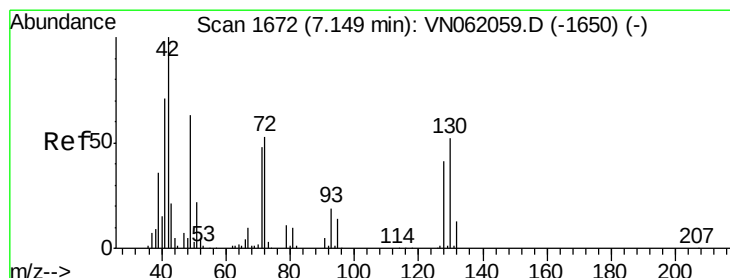
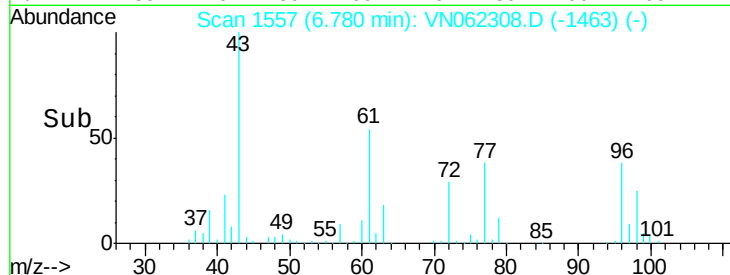
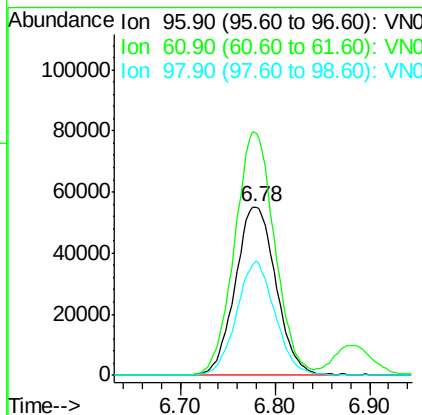
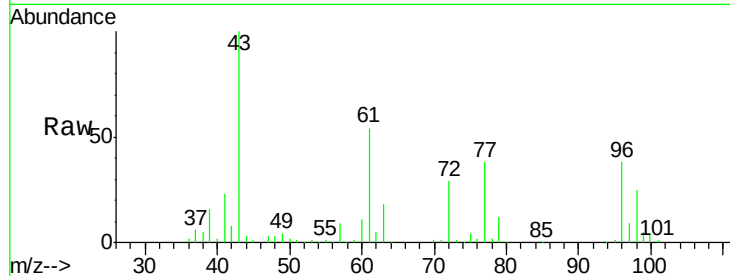
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 164762 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 142.1 | 0.0   | 280.4  |
| 98       | 64.0  | 0.0   | 129.4  |

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#28

Bromochloromethane

Concen: 53.800 ug/l

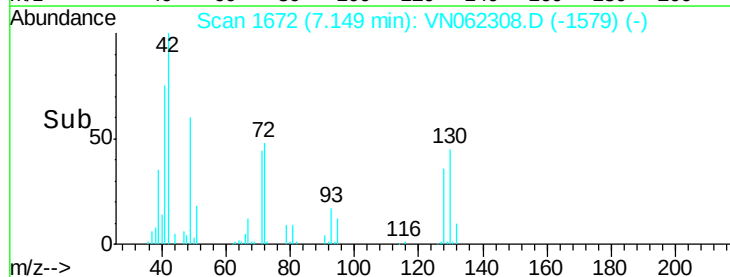
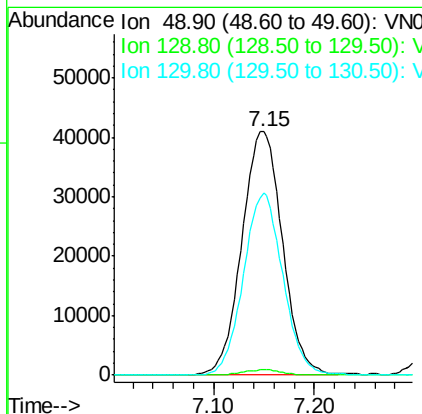
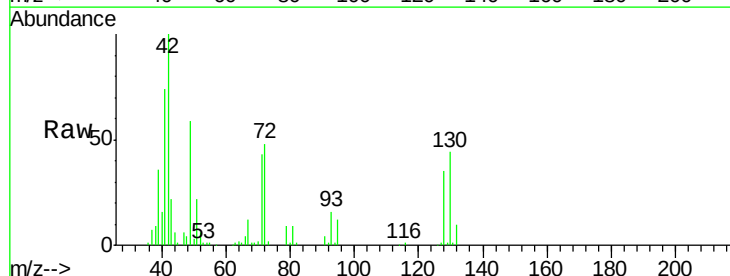
RT: 7.15 min Scan# 1672

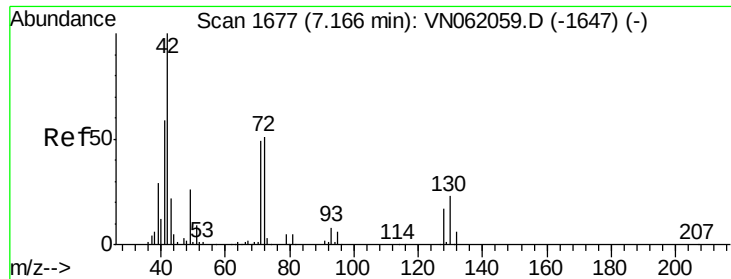
Delta R.T. 0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 114254 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 1.9   | 0.0   | 4.4    |
| 130      | 72.5  | 65.5  | 98.3   |





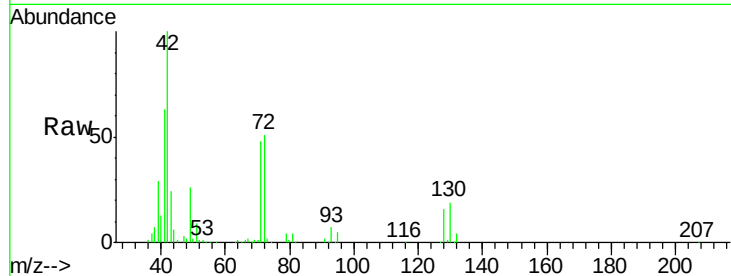
#29  
Tetrahydrofuran  
Concen: 304.208 ug/l  
RT: 7.17 min Scan# 1677  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

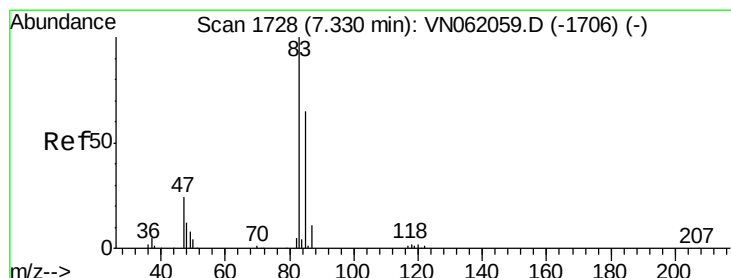
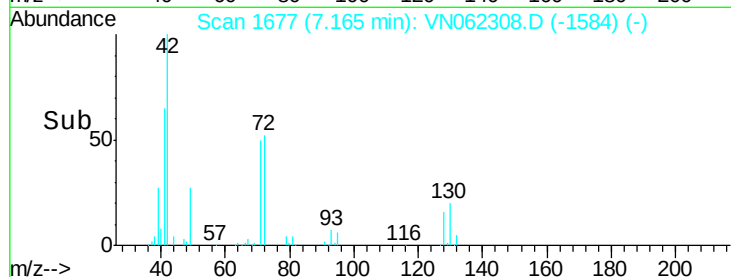
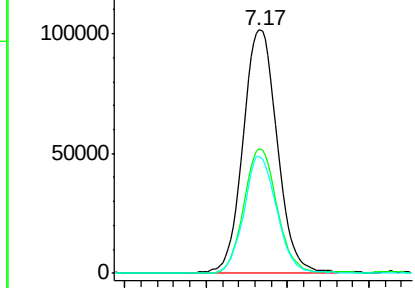
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 49.7  | 41.1  | 61.7  |
| 71      | 46.2  | 38.2  | 57.4  |

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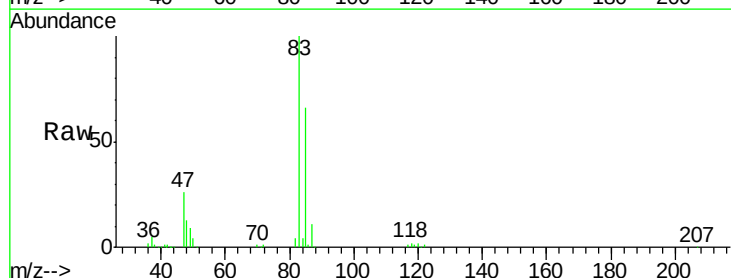


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

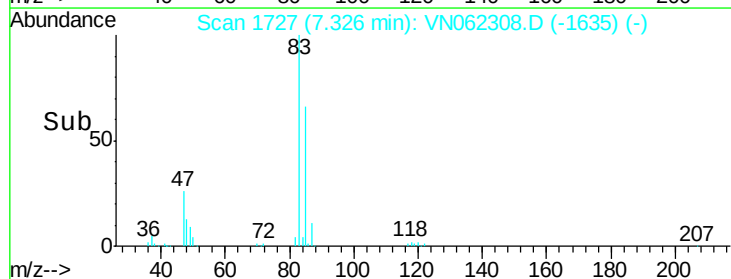
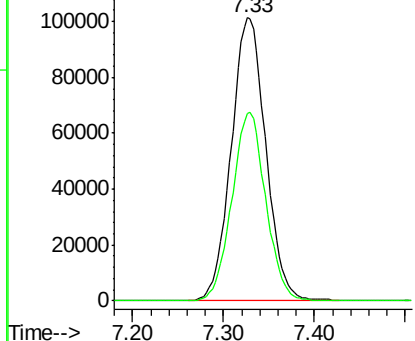


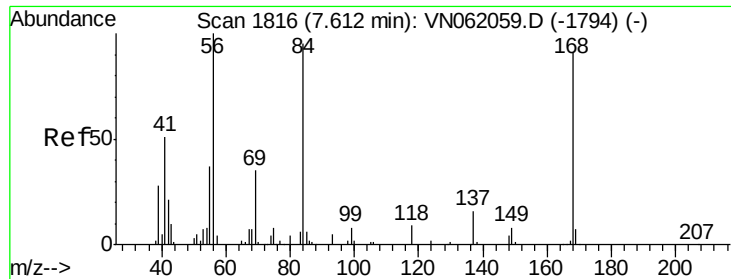
#30  
Chloroform  
Concen: 53.692 ug/l  
RT: 7.33 min Scan# 1727  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.0  | 52.3  | 78.5  |



Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 51.999 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

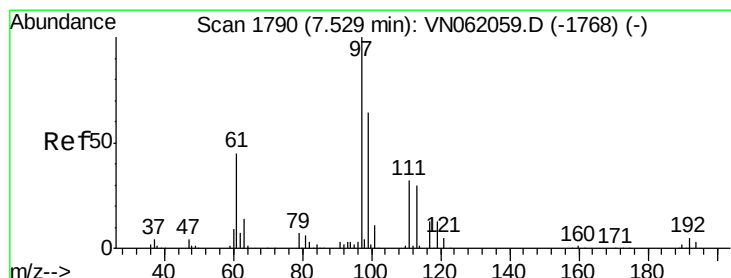
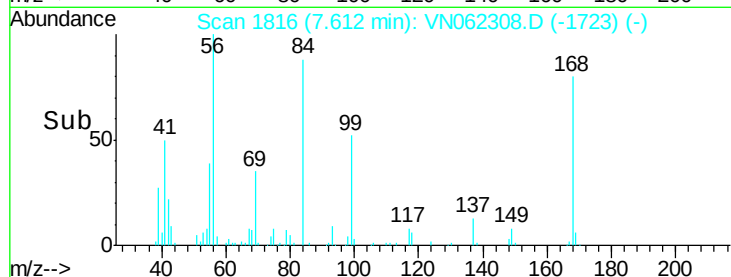
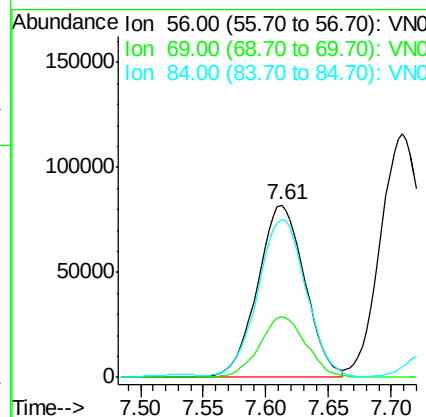
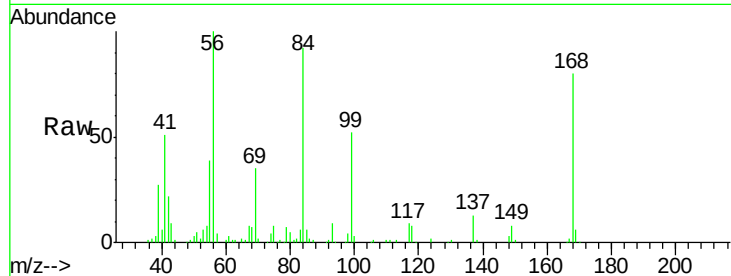
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 215287 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 35.0  | 28.0  | 42.0   |
| 84       | 90.2  | 76.1  | 114.1  |

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#32

1,1,1-Trichloroethane

Concen: 52.323 ug/l

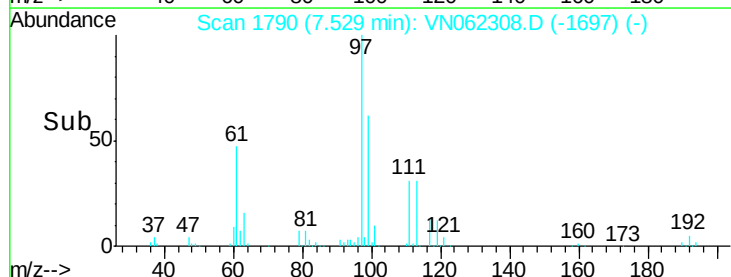
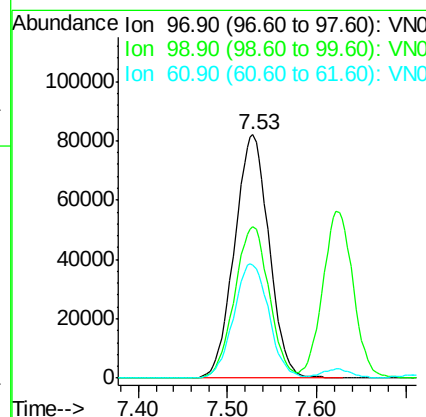
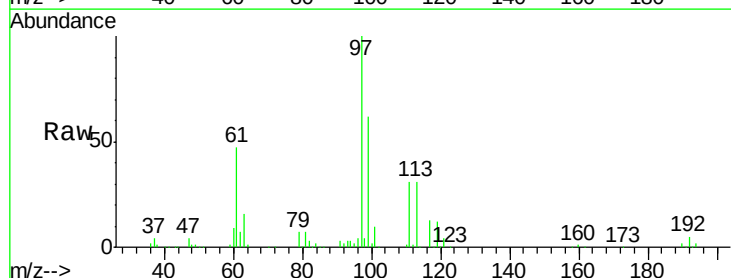
RT: 7.53 min Scan# 1790

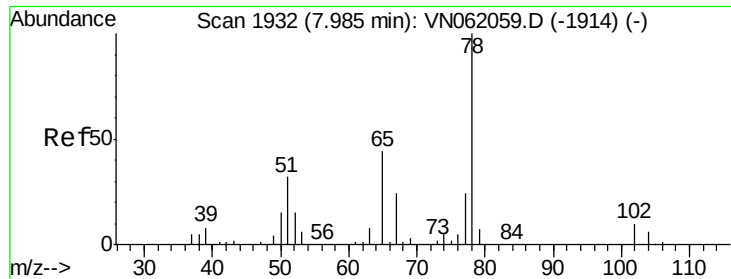
Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 219741 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 62.6  | 51.0  | 76.4   |
| 61       | 48.1  | 36.2  | 54.2   |





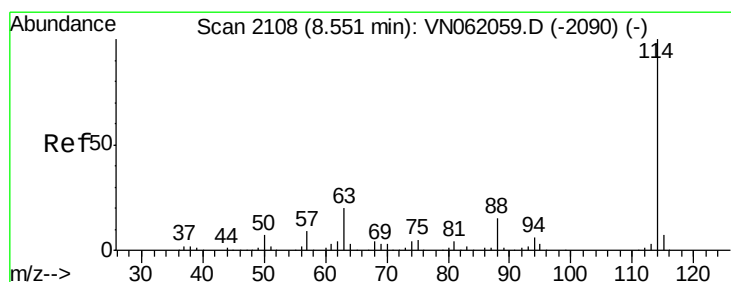
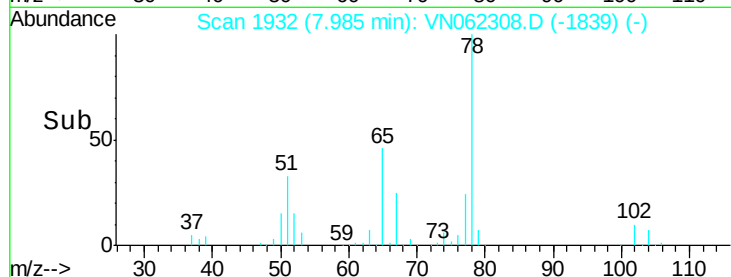
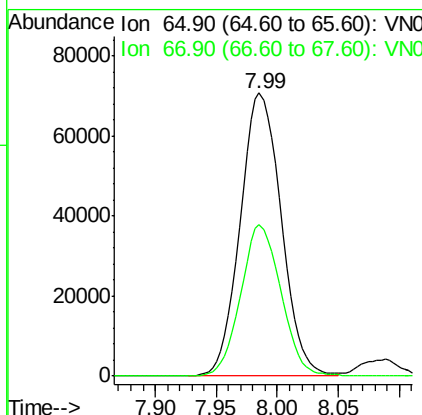
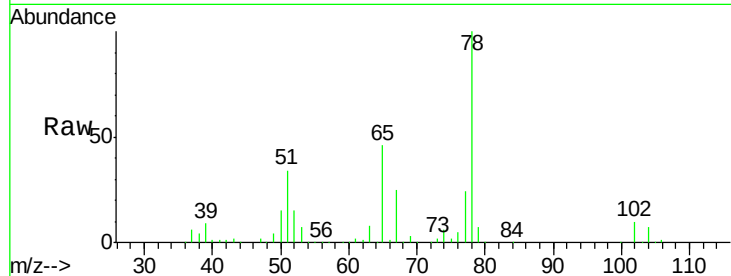
#33  
 1,2-Dichloroethane-d4  
 Concen: 55.047 ug/l  
 RT: 7.99 min Scan# 1932  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 65 Resp: 164959  
 Ion Ratio Lower Upper  
 65 100  
 67 52.6 0.0 106.2

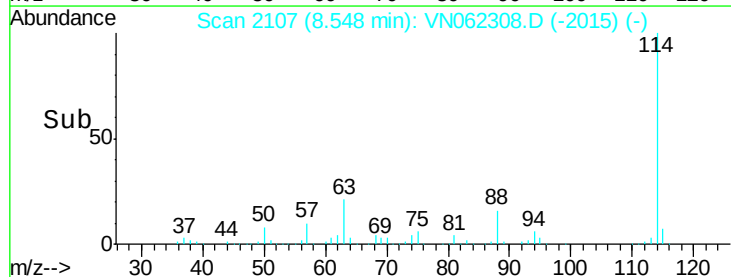
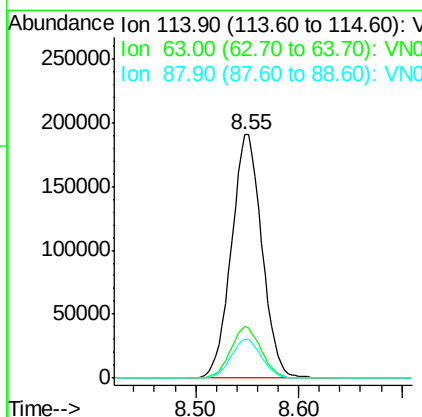
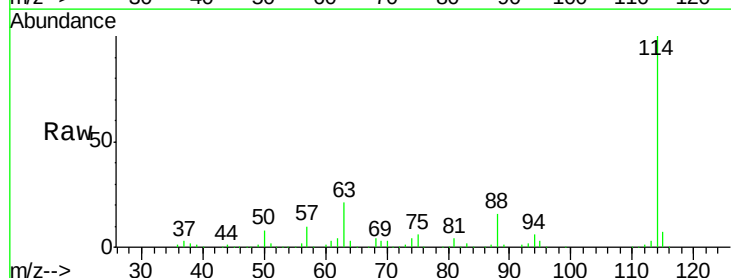
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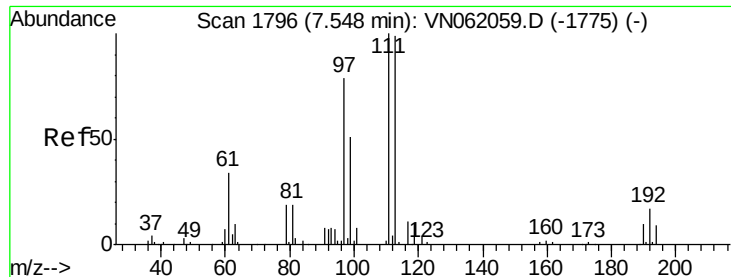
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2107  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

Tgt Ion: 114 Resp: 393391  
 Ion Ratio Lower Upper  
 114 100  
 63 21.1 0.0 39.2  
 88 16.1 0.0 30.8





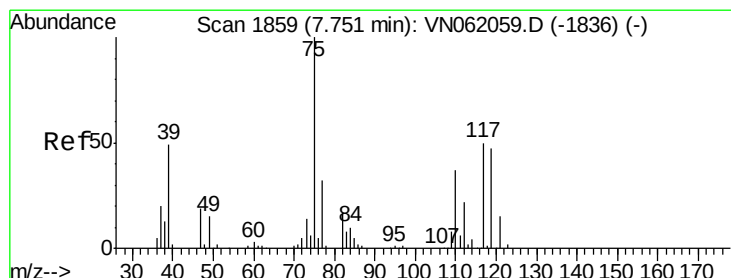
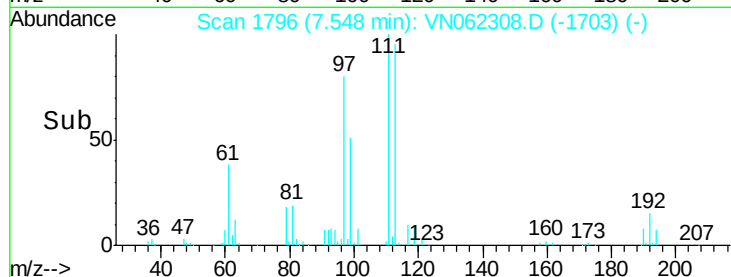
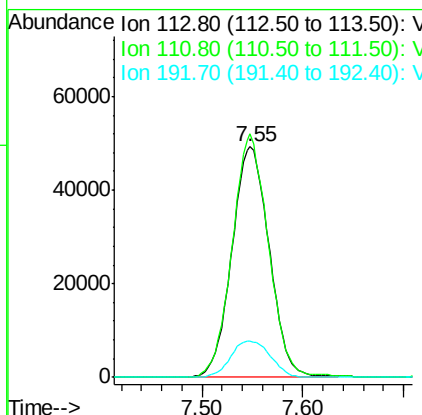
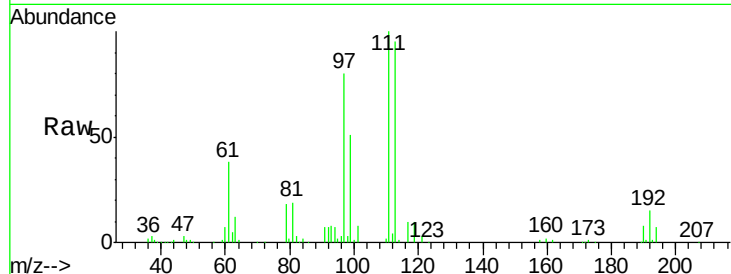
#35  
 Dibromofluoromethane  
 Concen: 50.136 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 126533 |       |       |
| 111     | 102.3 | 82.2   | 123.4 |       |
| 192     | 16.8  | 14.0   | 21.0  |       |

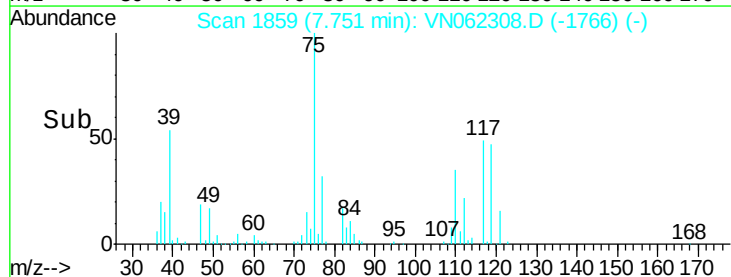
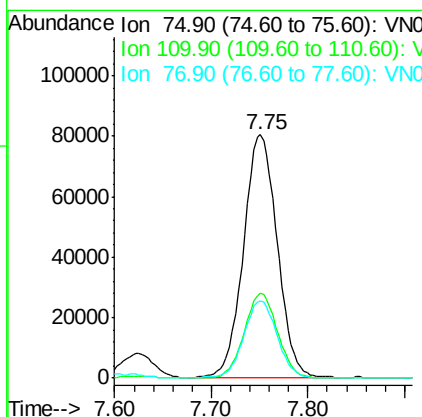
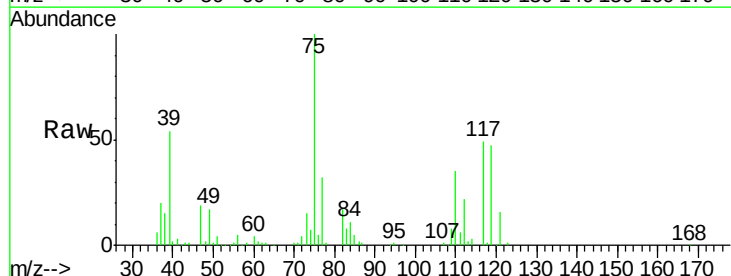
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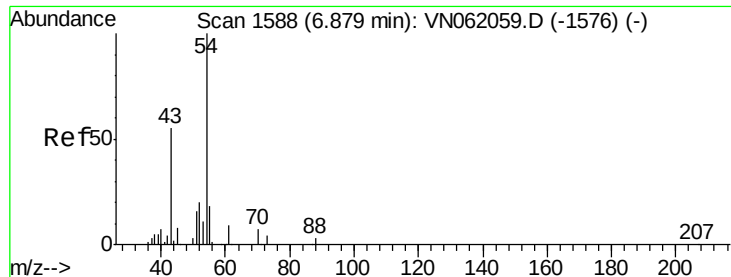
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#36  
 1,1-Dichloropropene  
 Concen: 49.239 ug/l  
 RT: 7.75 min Scan# 1859  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 194700 |       |       |
| 110     | 34.4  | 17.9   | 53.8  |       |
| 77      | 31.6  | 24.9   | 37.3  |       |





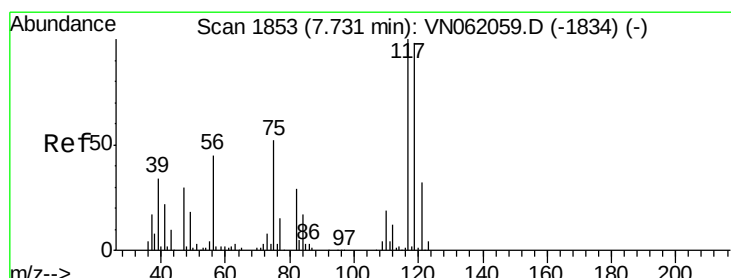
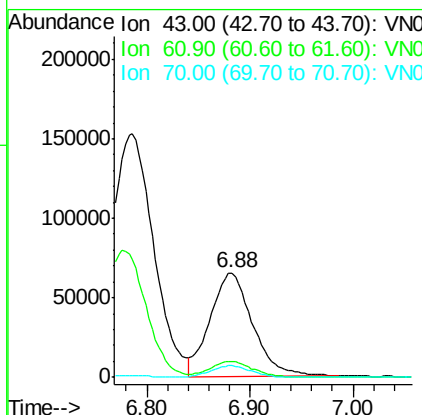
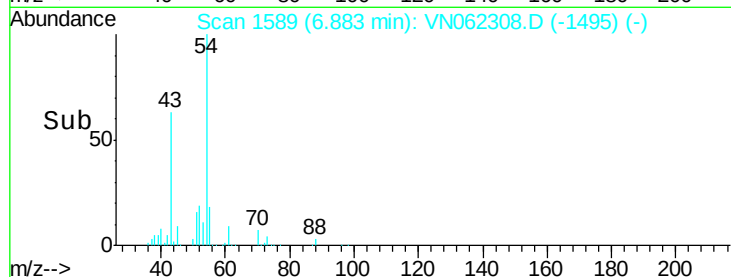
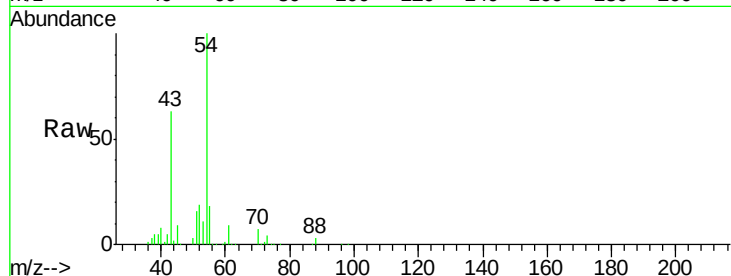
#37  
Ethyl Acetate  
Concen: 57.272 ug/l  
RT: 6.88 min Scan# 1589  
Delta R.T. 0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.9  | 12.0  | 18.0  |
| 70      | 10.7  | 9.6   | 14.4  |

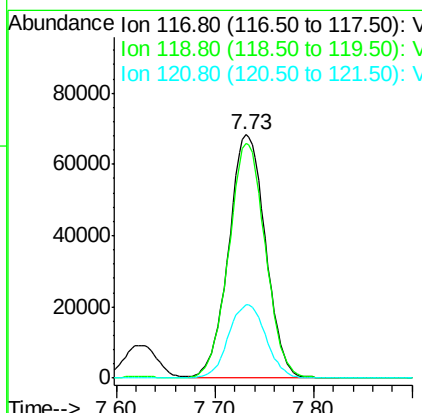
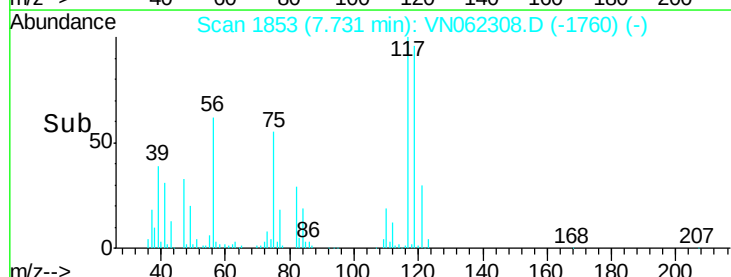
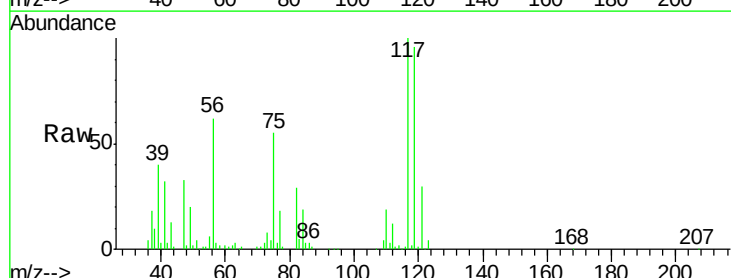
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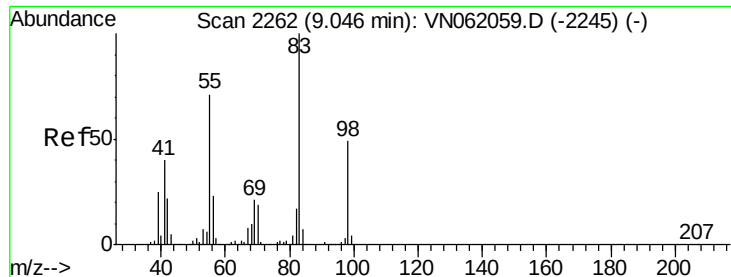


#38  
Carbon Tetrachloride  
Concen: 47.684 ug/l  
RT: 7.73 min Scan# 1853  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.2  | 78.2  | 117.2 |
| 121     | 29.9  | 25.8  | 38.6  |







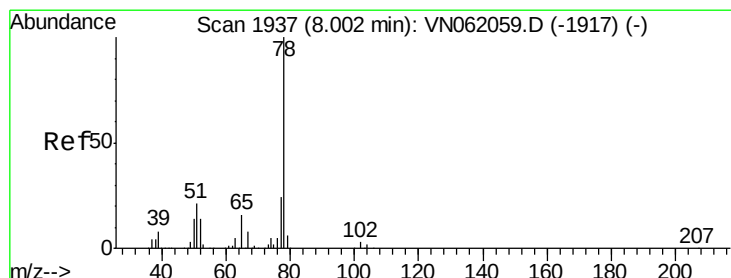
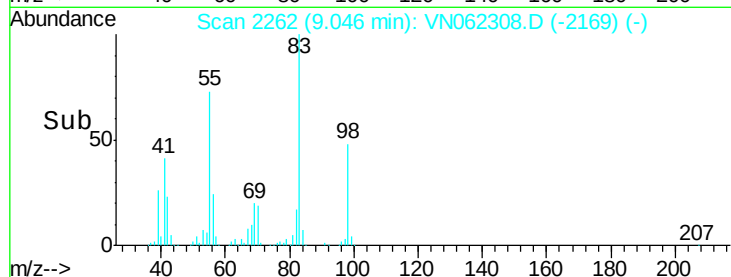
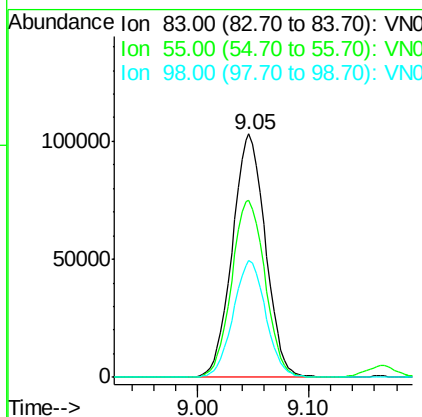
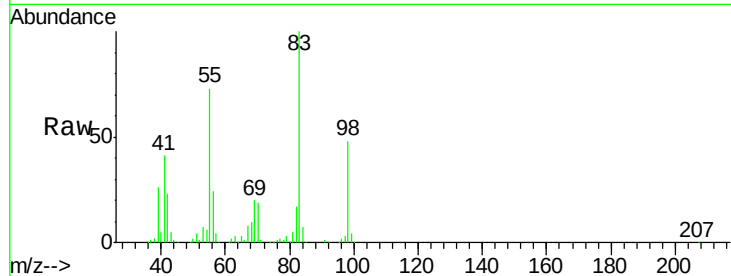
#39  
Methylvlcyclohexane  
Concen: 49.500 ug/l  
RT: 9.05 min Scan# 2262  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 83    | Resp  | 214458 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 72.6  | 57.0  | 85.6   |
| 98        | 47.8  | 39.0  | 58.6   |

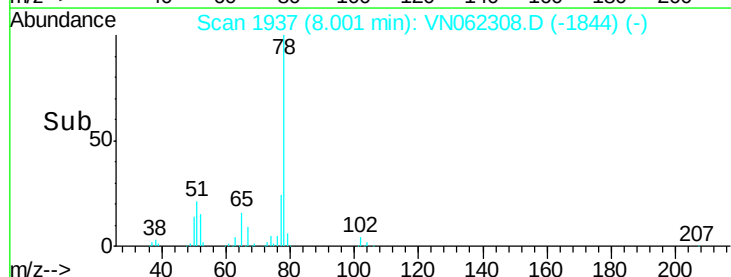
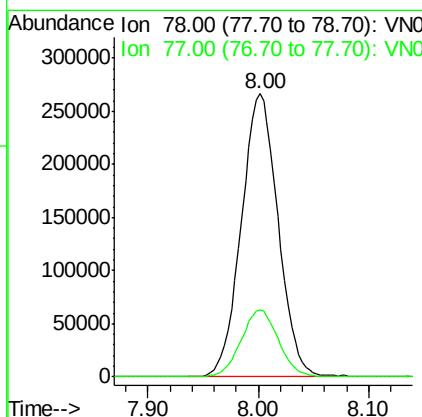
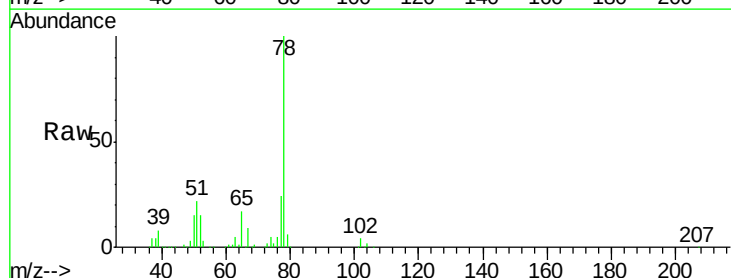
Manual Integrations  
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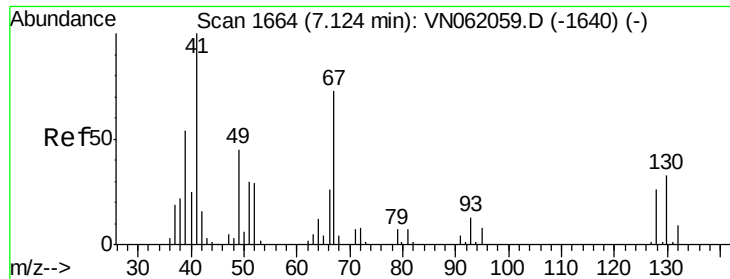
MMDadoda  
7/2/2020 12:39:03 PM



#40  
Benzene  
Concen: 50.984 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

| Tgt Ion   | 78    | Resp  | 614464 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 23.7  | 19.5  | 29.3   |





#41

Methacrylonitrile

Concen: 59.938 ug/l m

RT: 7.14 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 90984  
Ion Ratio Lower Upper

41 100

39 0.0 44.2 66.2#

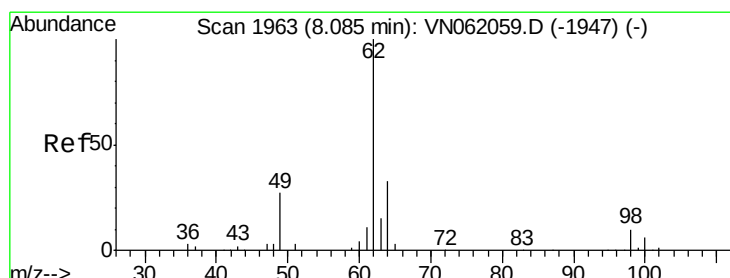
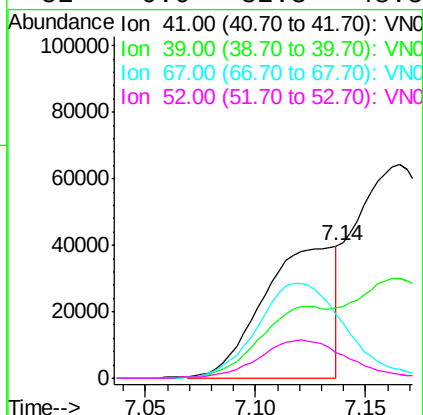
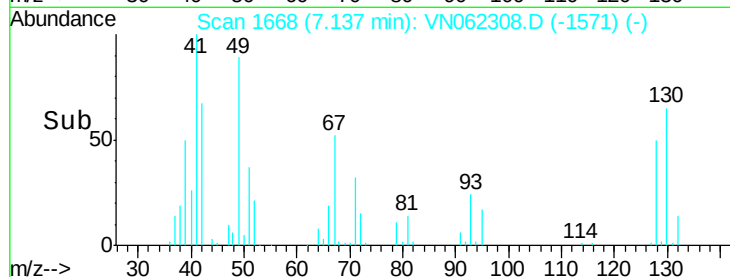
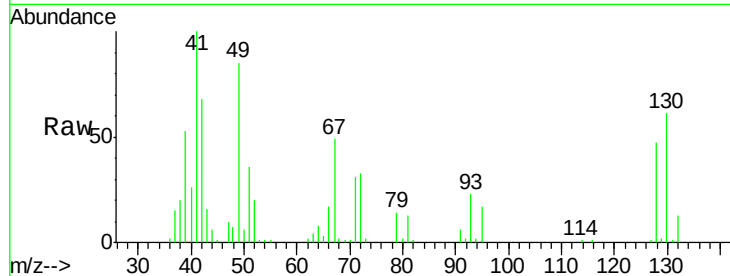
67 0.0 79.5 119.3#

52 0.0 32.3 48.5#

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#42

1,2-Dichloroethane

Concen: 51.936 ug/l

RT: 8.09 min Scan# 1963

Delta R.T. -0.00 min

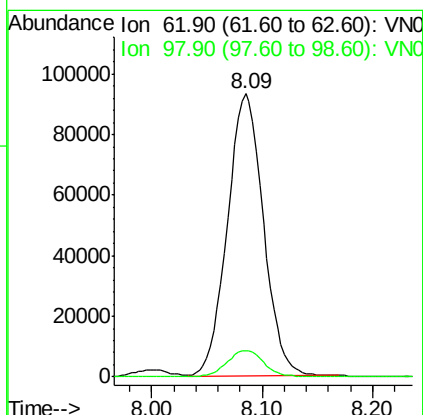
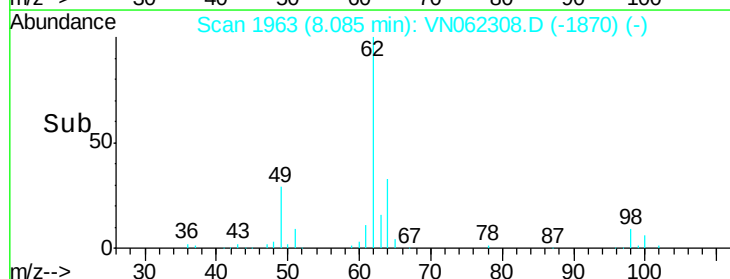
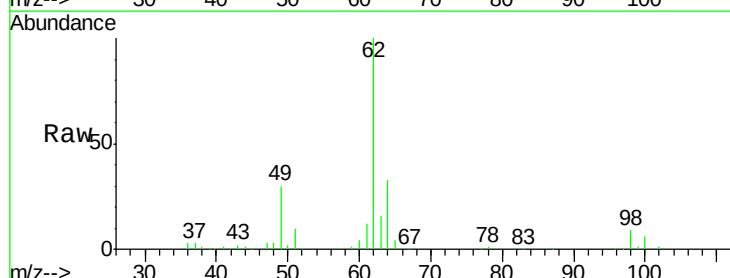
Lab File: VN062308.D

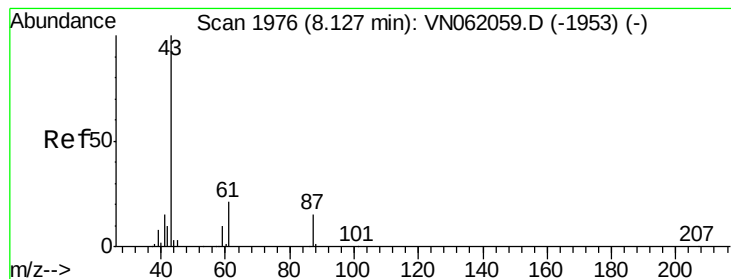
Acq: 1 Jul 2020 21:44

Tgt Ion: 62 Resp: 211483  
Ion Ratio Lower Upper

62 100

98 9.5 0.0 19.8





#43

Isopropyl Acetate

Concen: 57.456 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

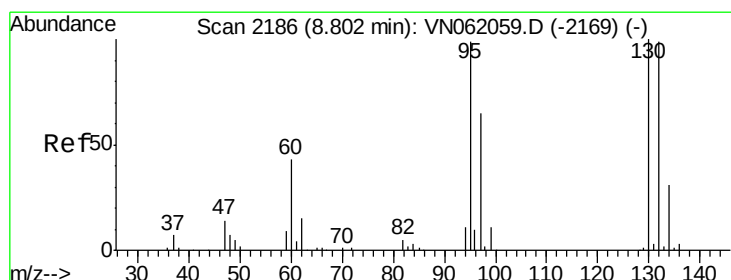
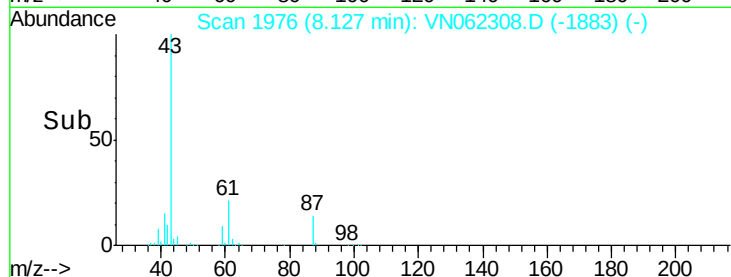
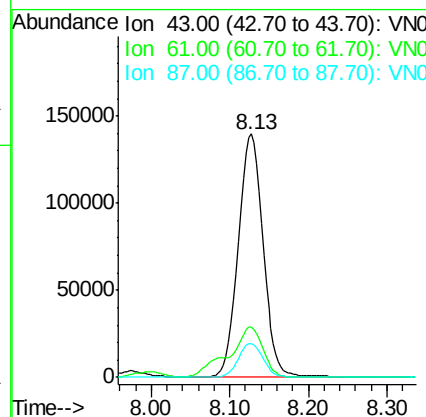
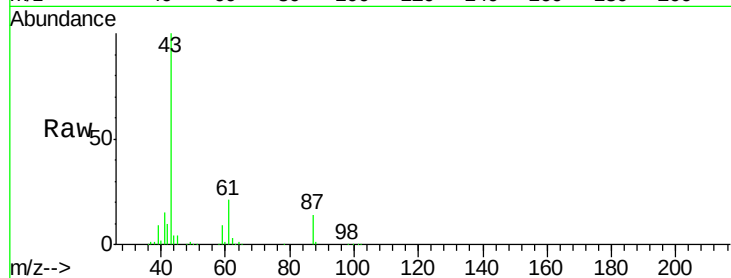
ClientSampled :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 306676 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 28.2  | 17.2  | 25.8#  |
| 87       | 13.9  | 12.1  | 18.1   |

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#44

Trichloroethene

Concen: 46.947 ug/l

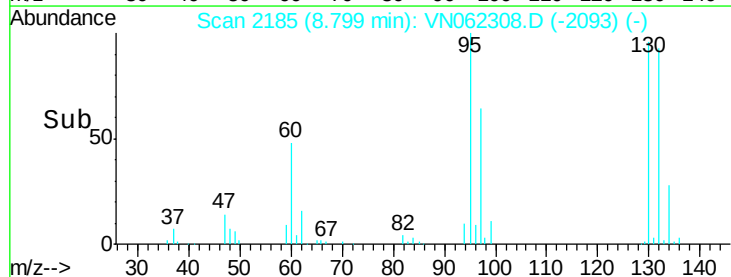
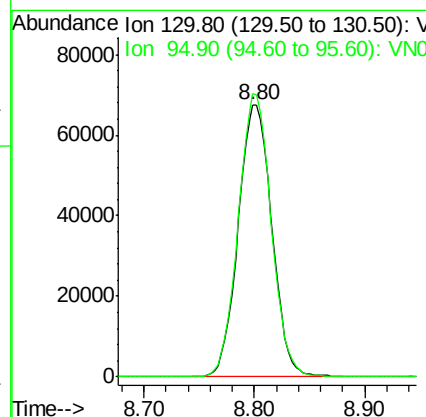
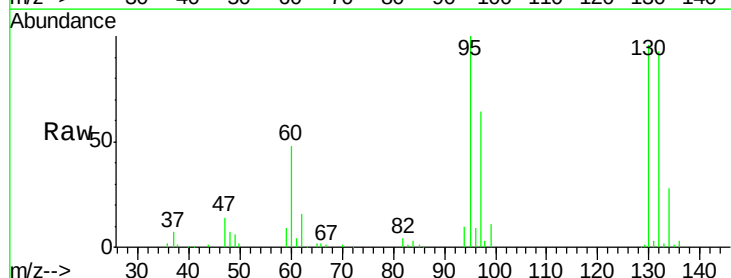
RT: 8.80 min Scan# 2185

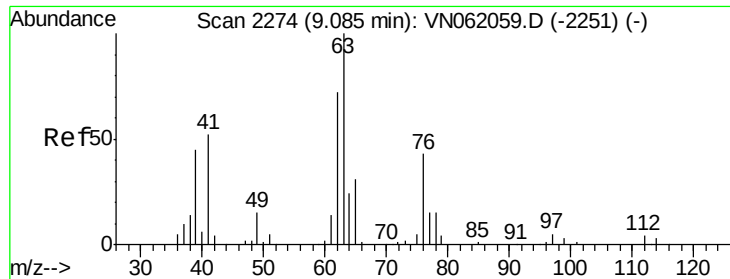
Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 142729 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 103.9 | 0.0   | 197.8  |





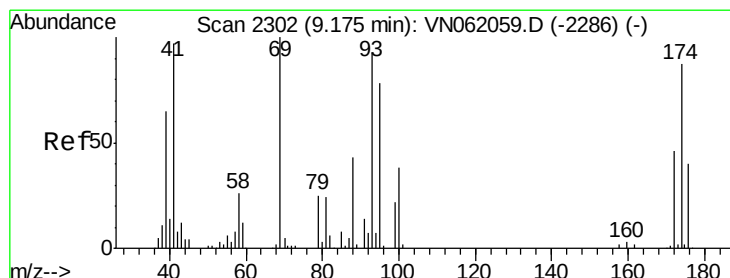
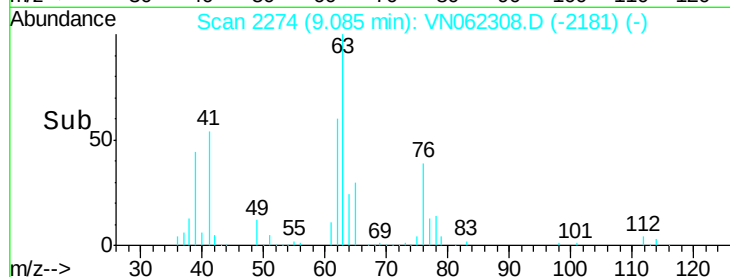
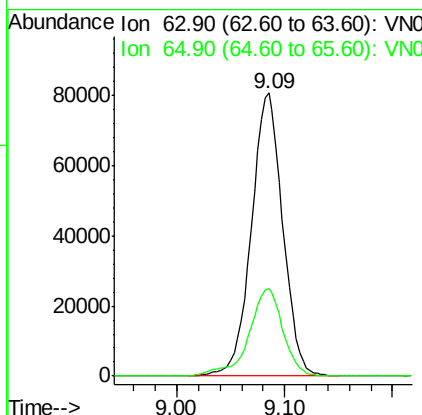
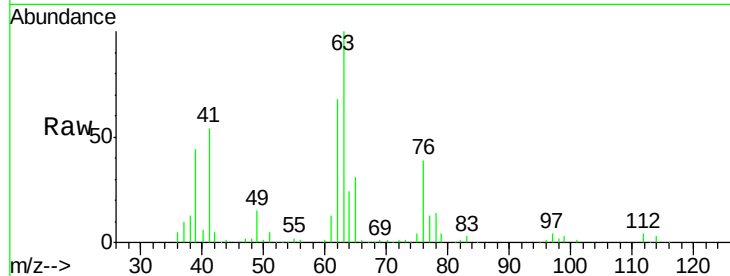
#45  
 1,2-Dichloropropane  
 Concen: 54.679 ug/l  
 RT: 9.09 min Scan# 2274  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 63 Resp: 162579  
 Ion Ratio Lower Upper  
 63 100  
 65 31.1 25.0 37.4

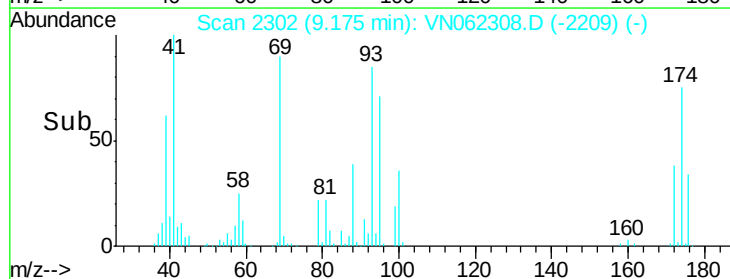
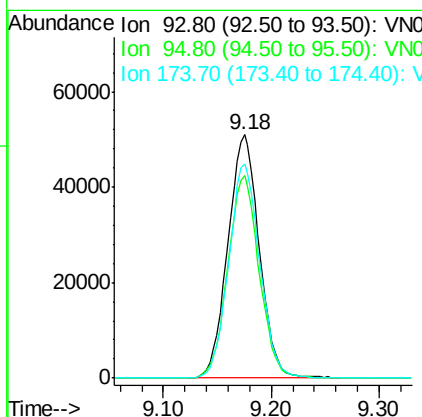
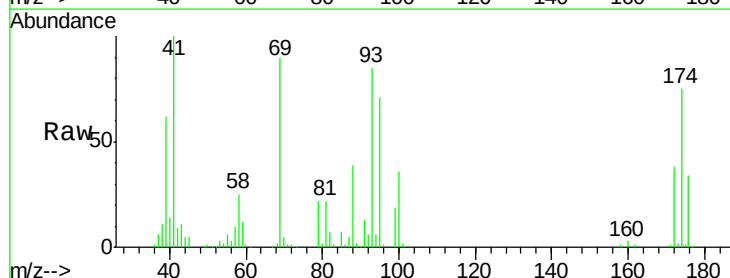
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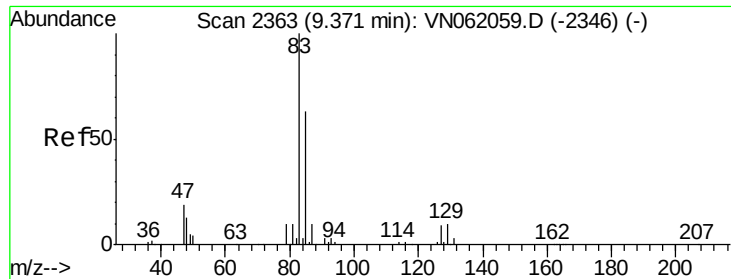
MMDadoda  
 7/2/2020 12:39:03 PM



#46  
 Dibromomethane  
 Concen: 51.294 ug/l  
 RT: 9.18 min Scan# 2302  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

Tgt Ion: 93 Resp: 103404  
 Ion Ratio Lower Upper  
 93 100  
 95 82.9 67.0 100.6  
 174 87.2 74.4 111.6





#47

Bromodichloromethane

Concen: 52.970 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

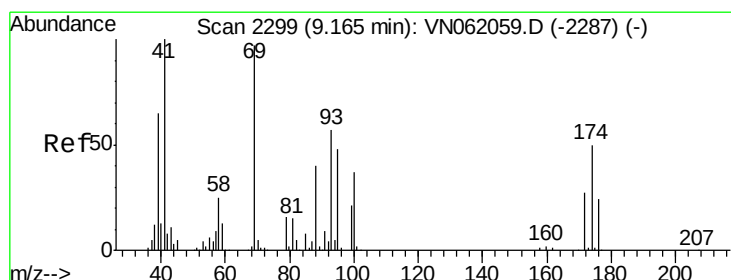
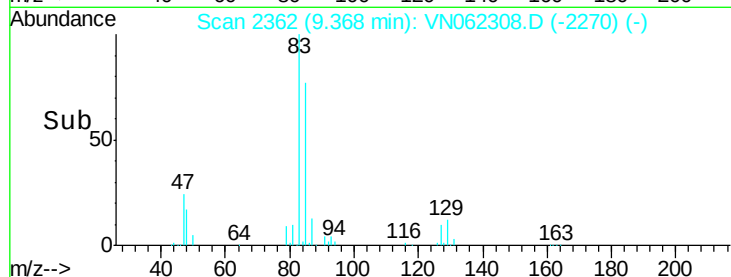
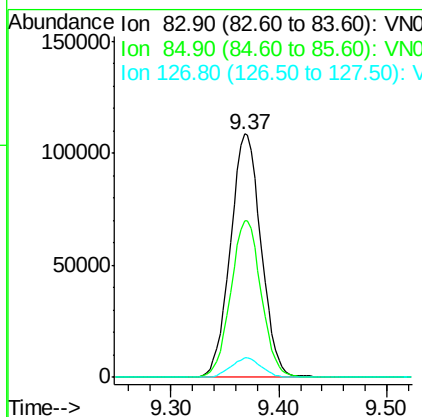
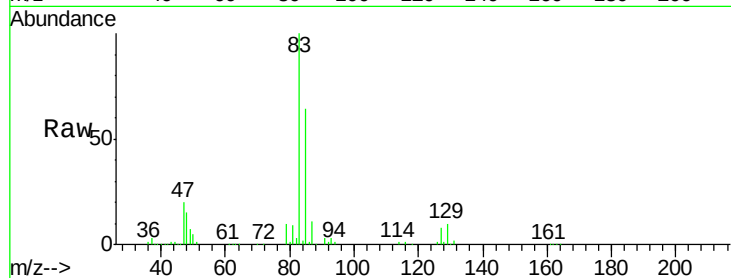
ClientSampled :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 215613 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.2  | 50.3  | 75.5   |
| 127       | 8.0   | 6.9   | 10.3   |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 60.830 ug/l

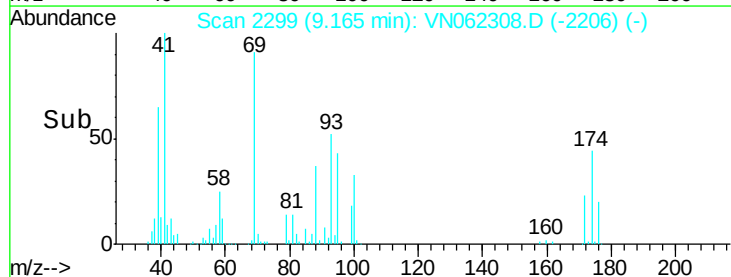
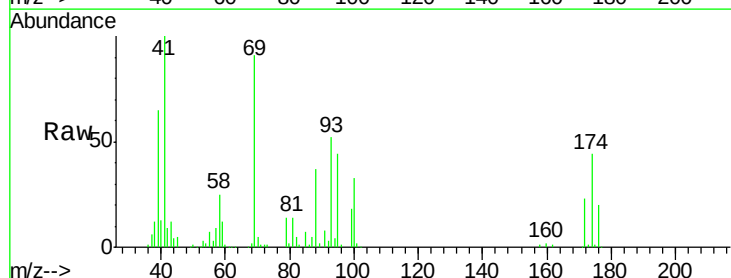
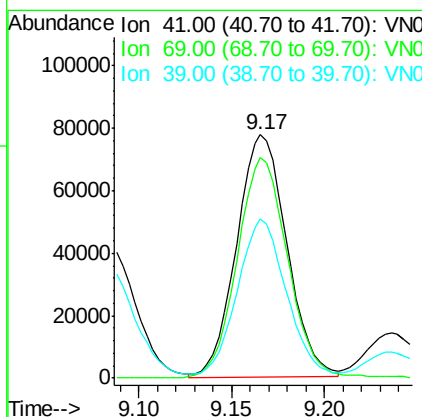
RT: 9.17 min Scan# 2299

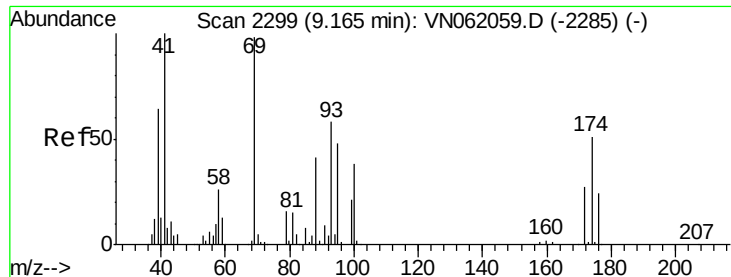
Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 145579 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 92.1  | 80.7  | 121.1  |
| 39        | 64.7  | 54.5  | 81.7   |





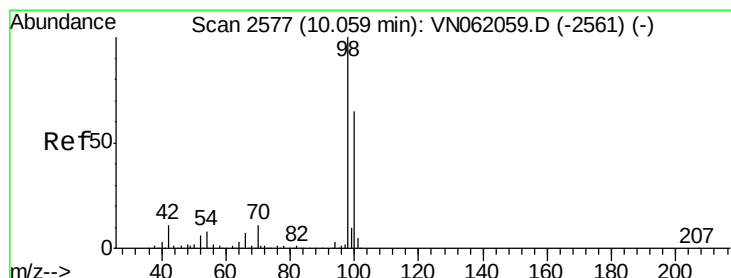
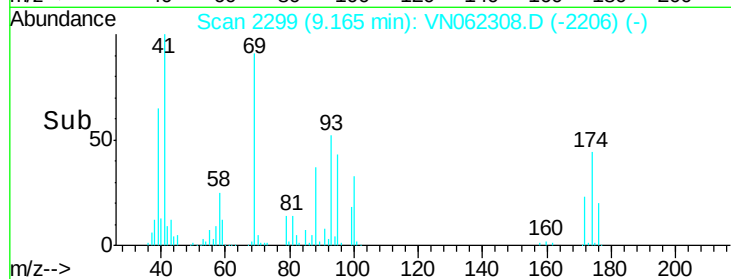
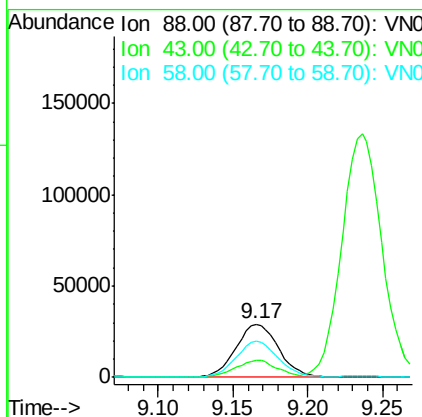
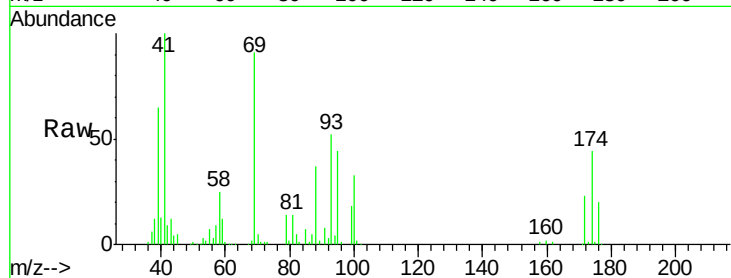
#49  
1,4-Dioxane  
Concen: 1095.102 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 88    | Resp  | 58120 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 31.2  | 22.0  | 33.0  |
| 58      | 67.2  | 49.2  | 73.8  |

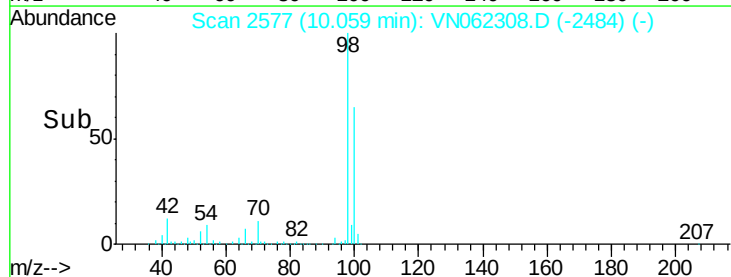
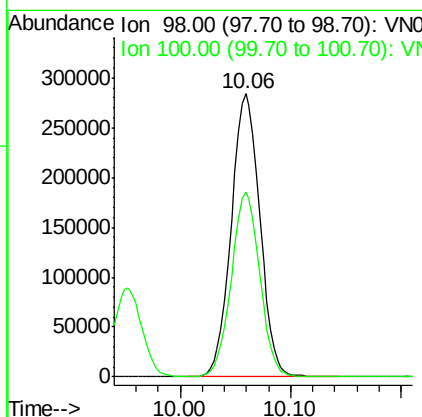
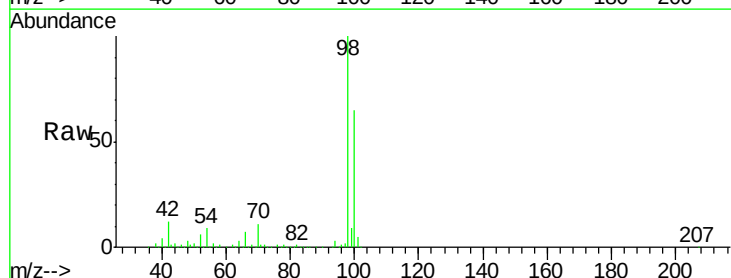
Manual Integrations  
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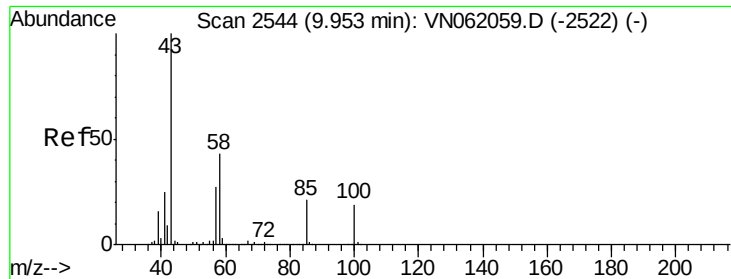
MMDadoda  
7/2/2020 12:39:03 PM



#50  
Toluene-d8  
Concen: 50.849 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

| Tgt Ion | 98    | Resp  | 512991 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 64.7  | 51.2  | 76.8   |





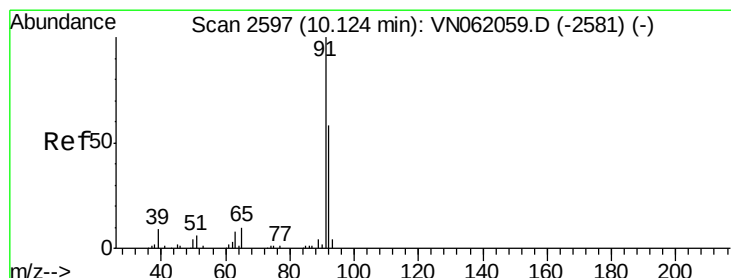
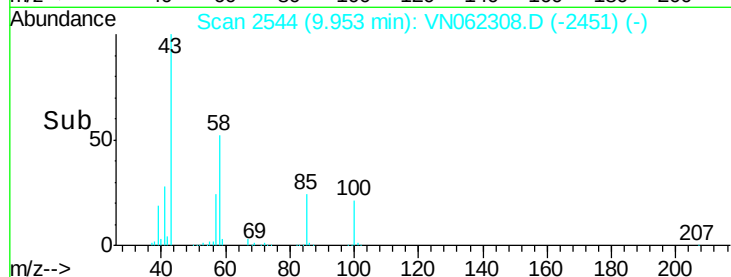
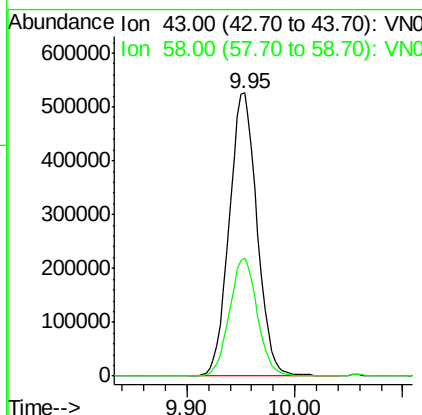
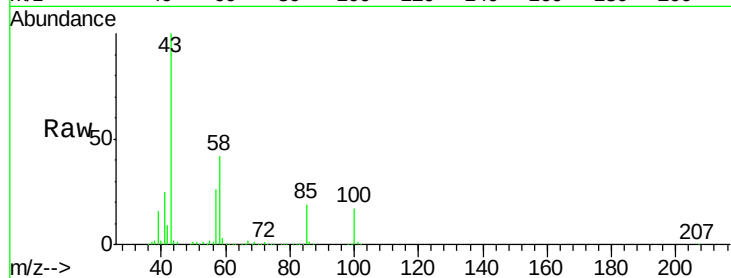
#51  
4-Methyl-2-Pentanone  
Concen: 303.063 ug/l  
RT: 9.95 min Scan# 2544  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 945109  
Ion Ratio Lower Upper  
43 100  
58 41.7 34.2 51.2

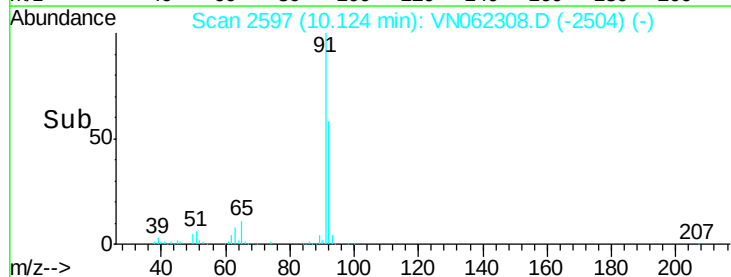
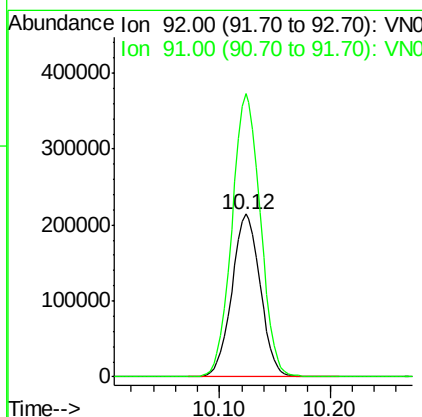
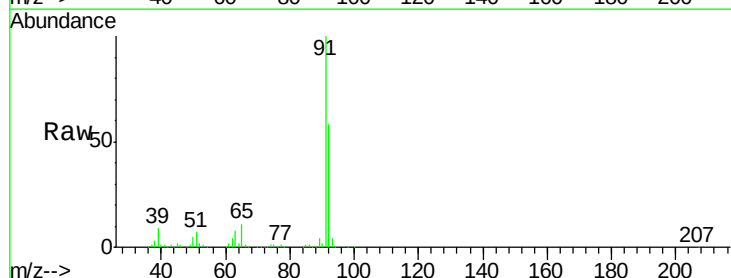
Manual Integrations  
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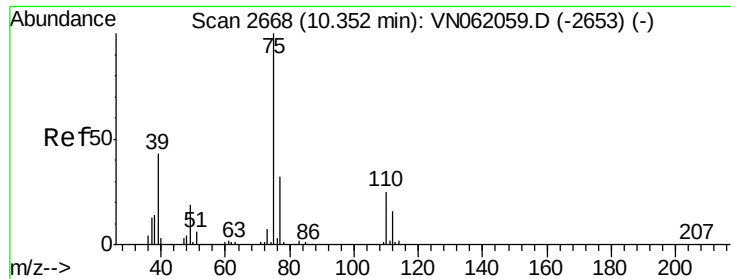
MMDadoda  
7/2/2020 12:39:03 PM



#52  
Toluene  
Concen: 52.028 ug/l  
RT: 10.12 min Scan# 2597  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Tgt Ion: 92 Resp: 382596  
Ion Ratio Lower Upper  
92 100  
91 174.6 137.4 206.0





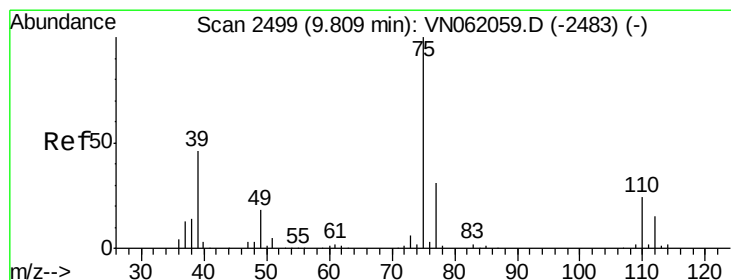
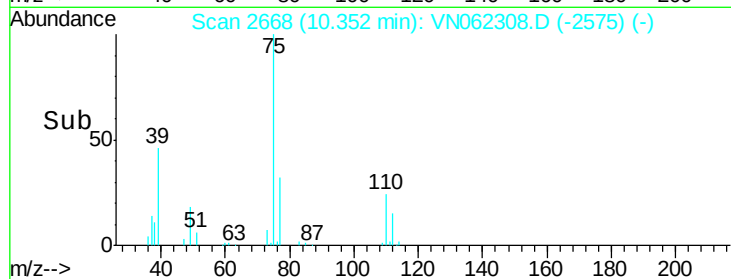
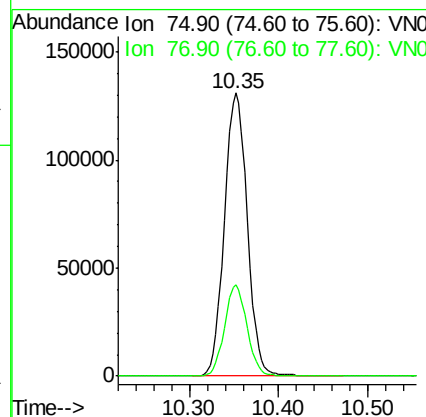
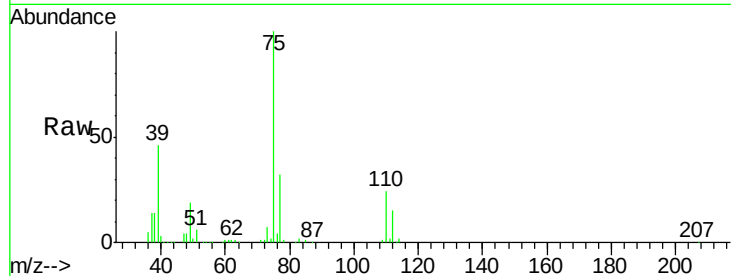
#53  
t-1,3-Dichloropropene  
Concen: 51.995 ug/l  
RT: 10.35 min Scan# 2668  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050EC

Tot Ion: 75 Resp: 232844  
Ion Ratio Lower Upper  
75 100  
77 32.4 25.5 38.3

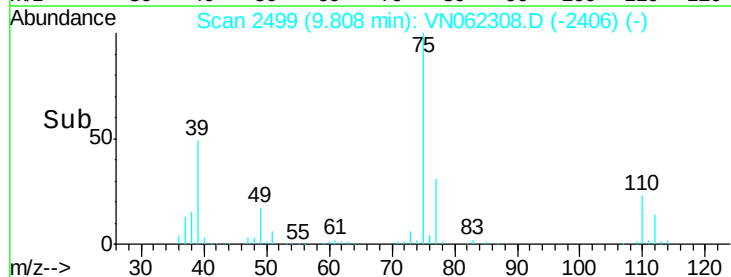
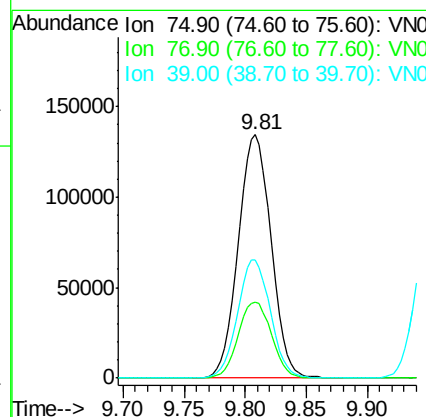
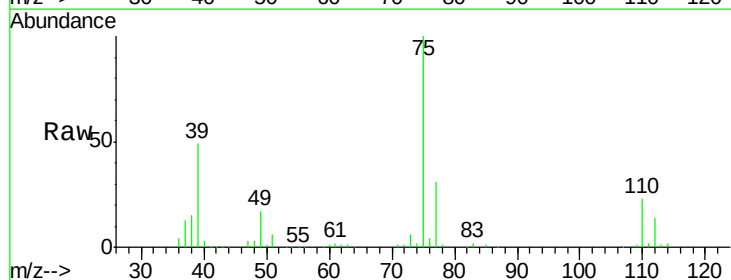
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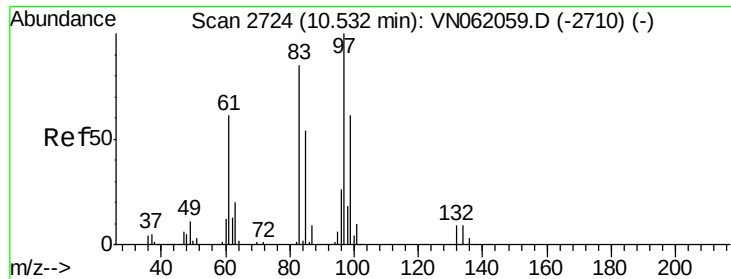


#54  
cis-1,3-Dichloropropene  
Concen: 52.648 ug/l  
RT: 9.81 min Scan# 2499  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Tgt Ion: 75 Resp: 251009  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.0 37.6  
39 48.4 36.9 55.3







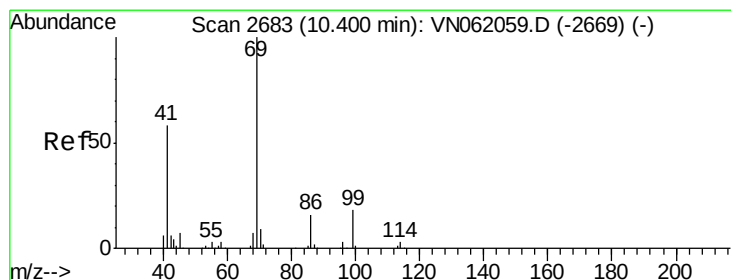
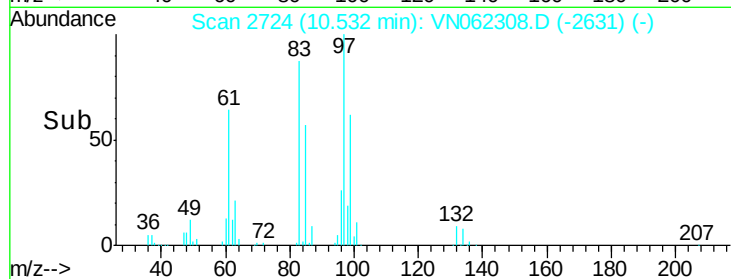
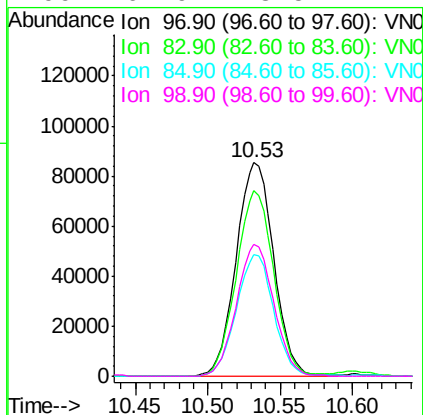
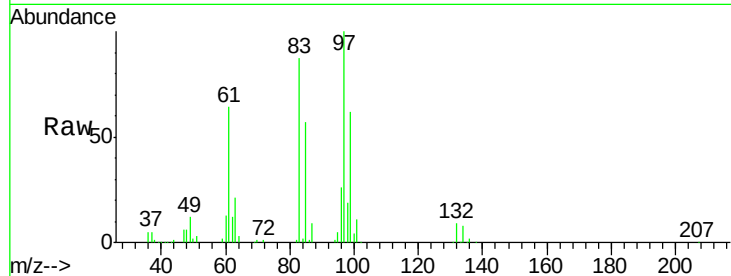
#55  
 1,1,2-Trichloroethane  
 Concen: 53.281 ug/l  
 RT: 10.53 min Scan# 2724  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 154017 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.6  | 68.2  | 102.2  |
| 85       | 57.1  | 43.2  | 64.8   |
| 99       | 61.9  | 48.5  | 72.7   |

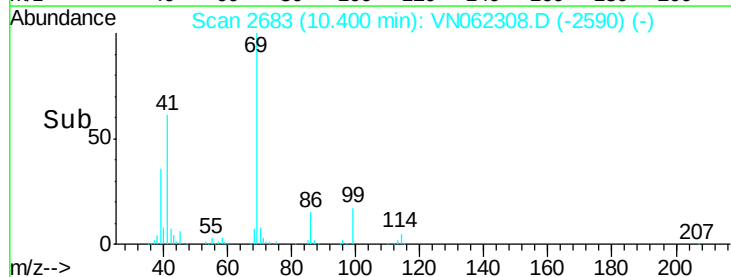
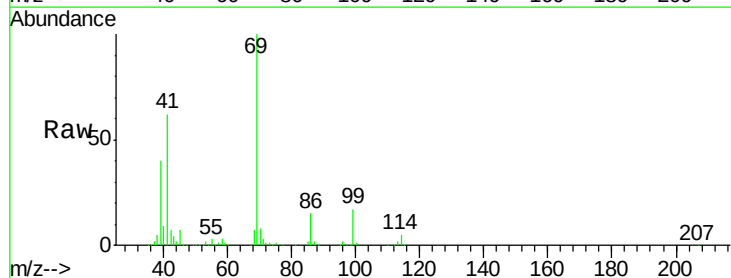
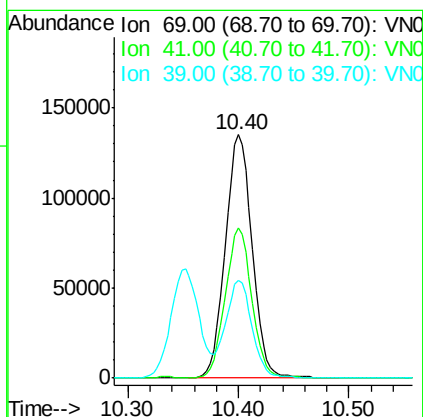
Manual Integrations  
 APPROVED

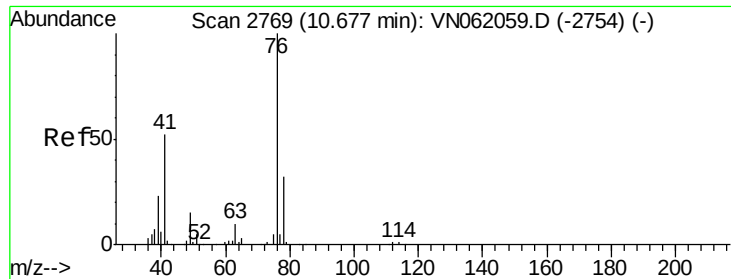
MMDadoda  
 7/2/2020 12:39:03 PM



#56  
 Ethyl methacrylate  
 Concen: 59.071 ug/l  
 RT: 10.40 min Scan# 2683  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 227876 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 60.5  | 46.6  | 70.0   |
| 39       | 39.5  | 31.0  | 46.4   |





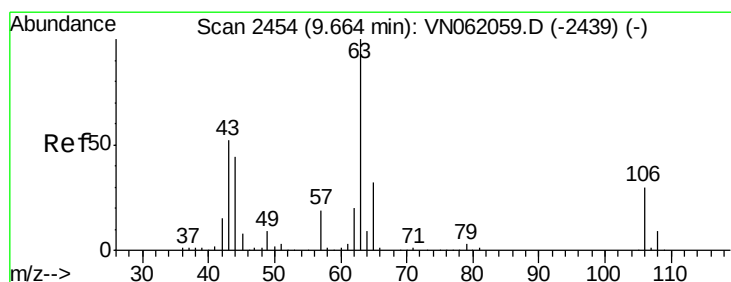
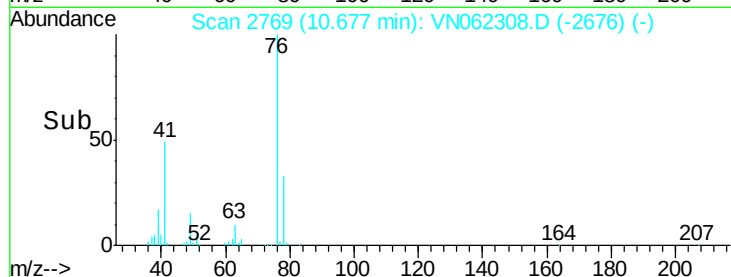
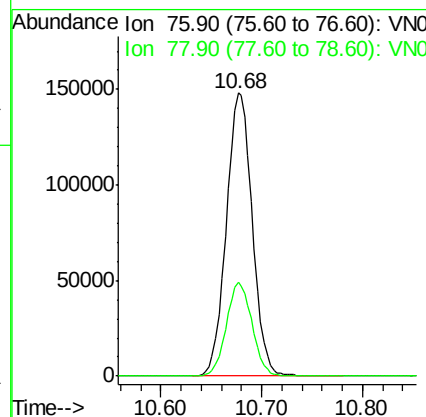
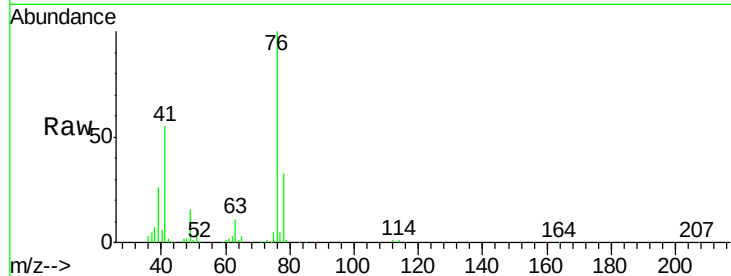
#57  
 1,3-Dichloropropane  
 Concen: 53.464 ug/l  
 RT: 10.68 min Scan# 2769  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.7  | 25.8  | 38.8  |

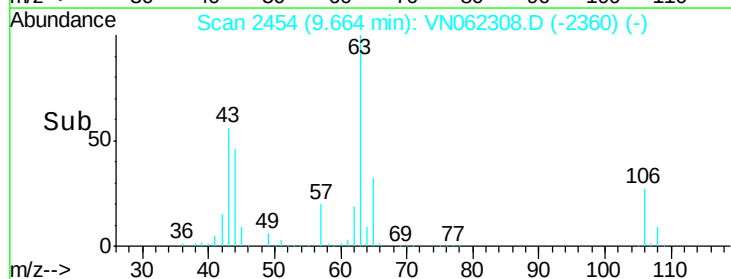
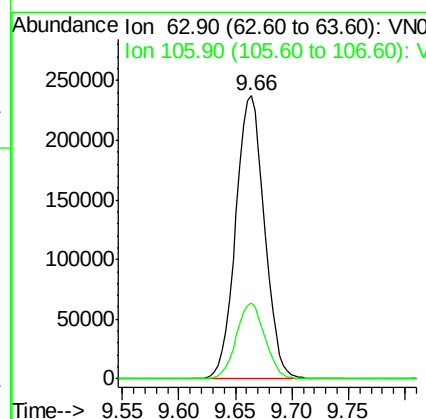
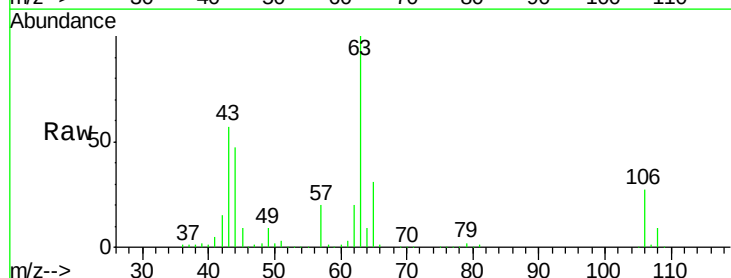
Manual Integrations  
 APPROVED

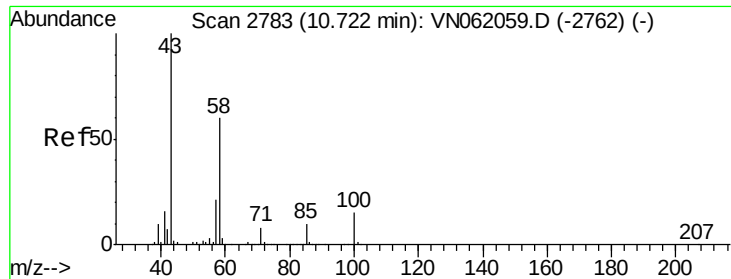
MMDadoda  
 7/2/2020 12:39:03 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 255.904 ug/l  
 RT: 9.66 min Scan# 2454  
 Delta R.T. 0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 26.8  | 23.2  | 34.8  |





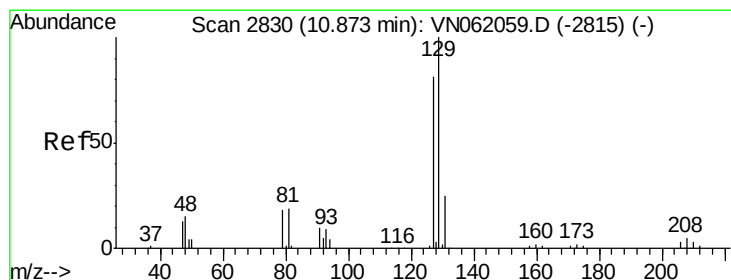
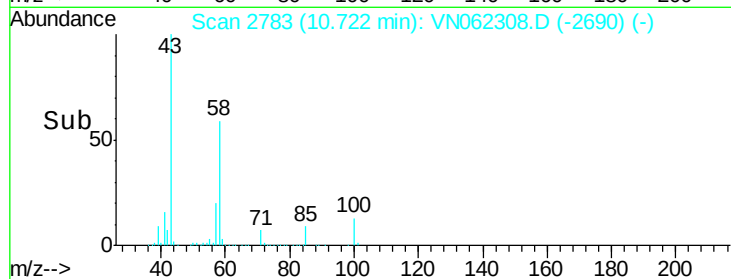
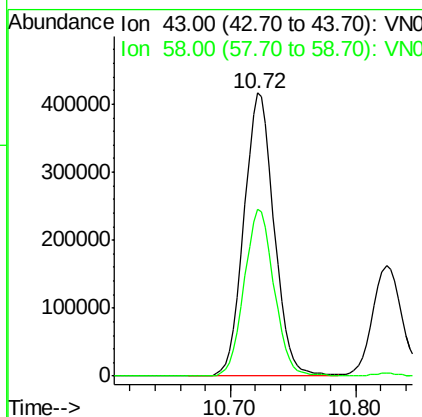
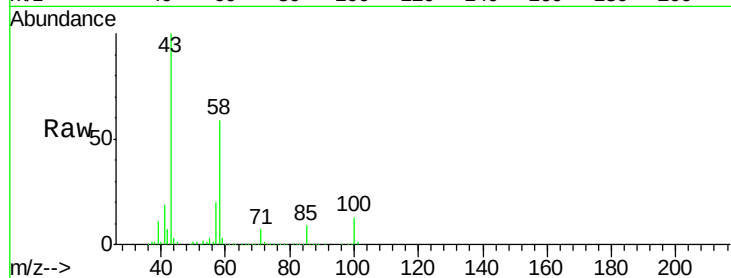
#59  
2-Hexanone  
Concen: 309.030 ug/l  
RT: 10.72 min Scan# 2783  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 43    | Resp  | 695898 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 58.7  | 29.5  | 88.5   |

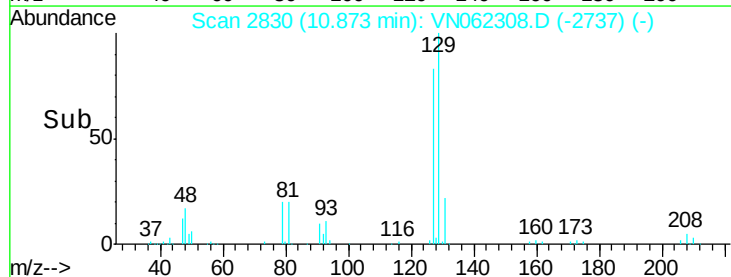
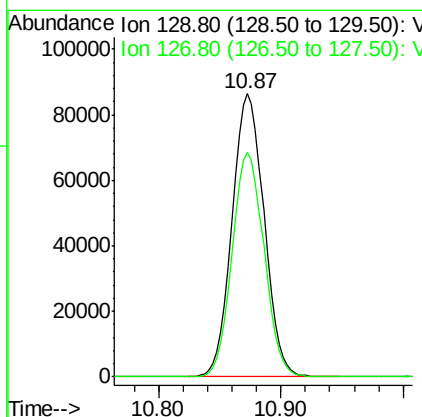
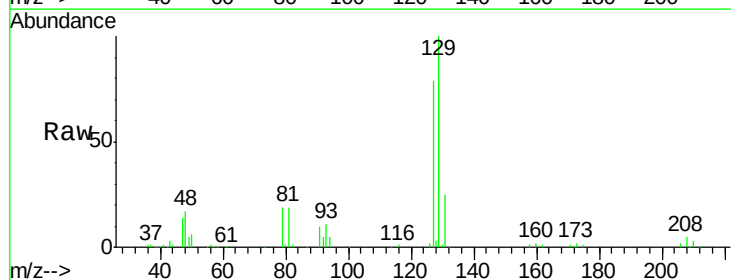
Manual Integrations  
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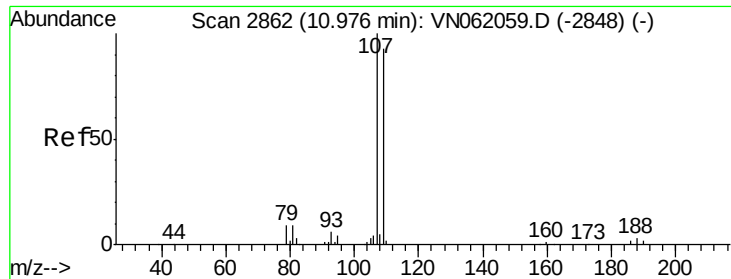
MMDadoda  
7/2/2020 12:39:03 PM



#60  
Dibromochloromethane  
Concen: 51.466 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

| Tgt Ion   | 129   | Resp  | 157505 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 129       | 100   |       |        |
| 127       | 78.8  | 39.5  | 118.5  |





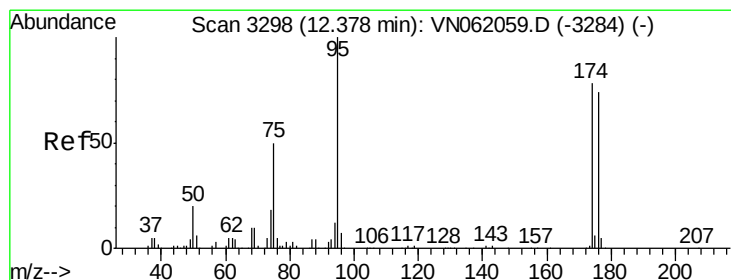
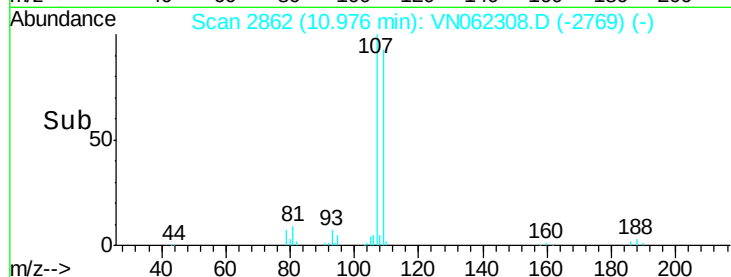
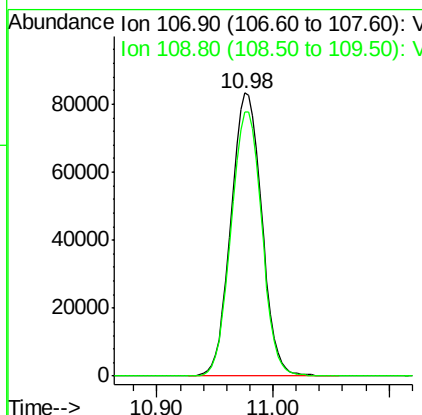
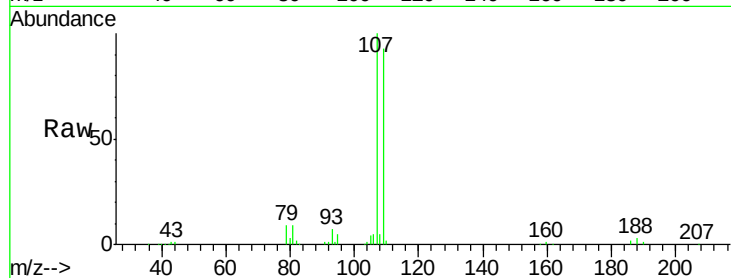
#61  
 1,2-Dibromoethane  
 Concen: 51.377 ug/l  
 RT: 10.98 min Scan# 2862  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 152598 |       |       |
| 109     | 93.5  | 75.0   | 112.6 |       |

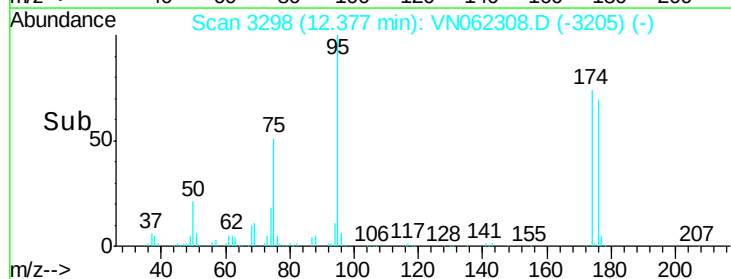
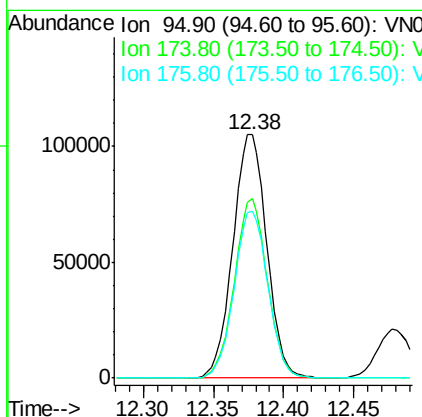
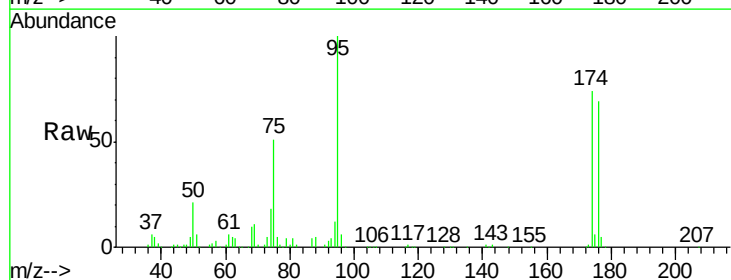
Manual Integrations  
 APPROVED

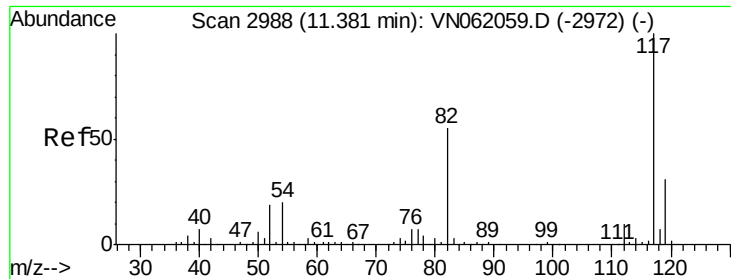
MMDadoda  
 7/2/2020 12:39:03 PM



#62  
 4-Bromofluorobenzene  
 Concen: 51.929 ug/l  
 RT: 12.38 min Scan# 3298  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 176999 |       |       |
| 174     | 71.6  | 0.0    | 154.8 |       |
| 176     | 68.3  | 0.0    | 147.4 |       |





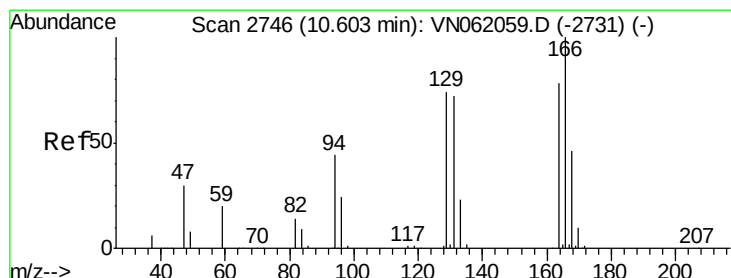
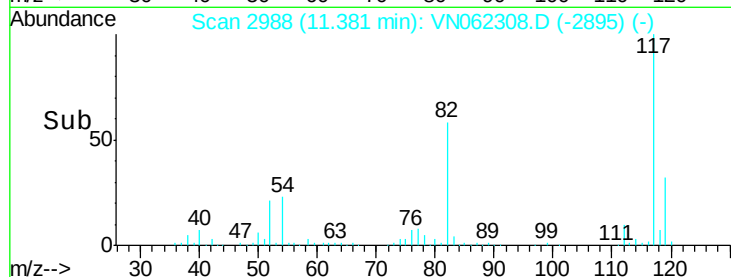
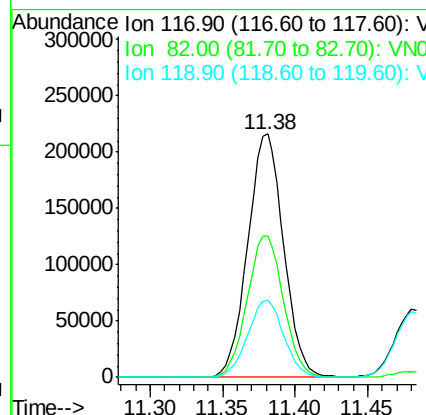
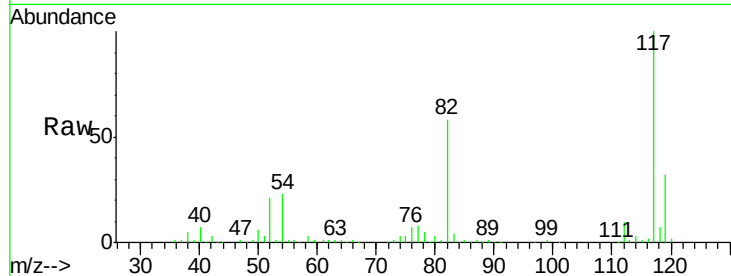
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 58.1  | 43.8  | 65.8  |
| 119     | 31.6  | 25.2  | 37.8  |

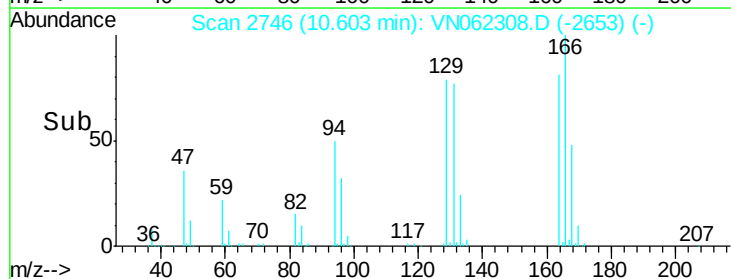
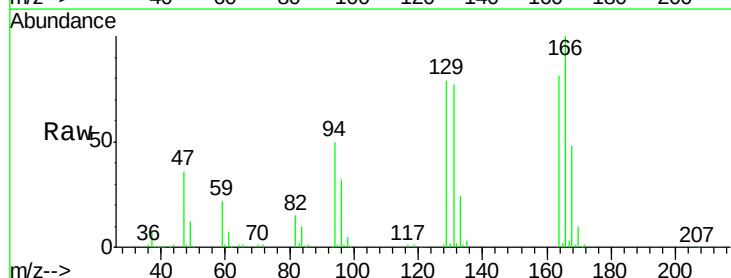
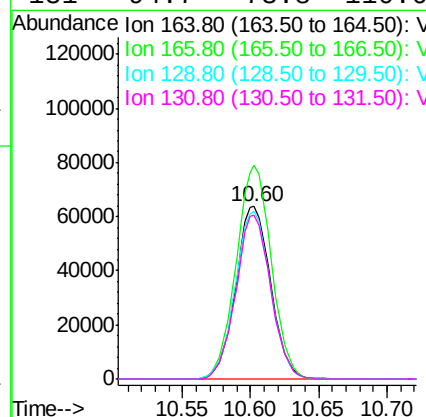
Manual Integrations  
APPROVED

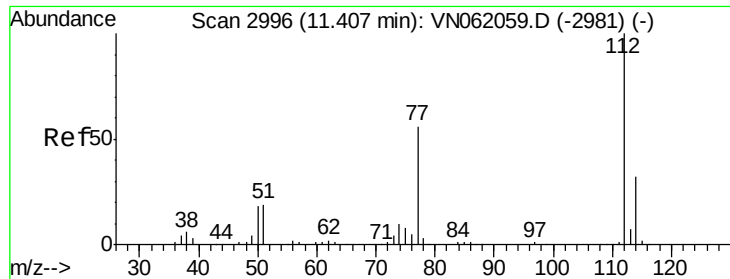
MMDadoda  
7/2/2020 12:39:03 PM



#64  
Tetrachloroethene  
Concen: 44.675 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 123.7 | 102.9 | 154.3 |
| 129     | 97.2  | 75.8  | 113.8 |
| 131     | 94.7  | 73.8  | 110.6 |





#65

Chlorobenzene

Concen: 48.881 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 399558

Ion Ratio Lower Upper

112 100

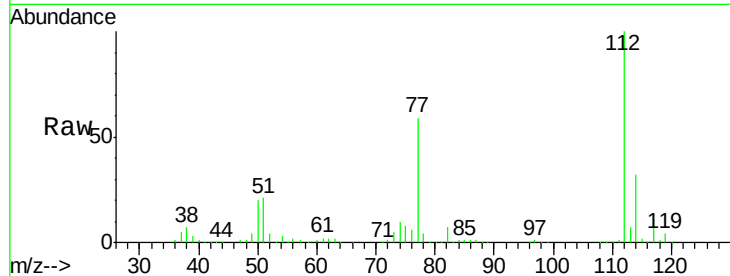
114 31.6 25.8 38.8

Manual Integrations

APPROVED

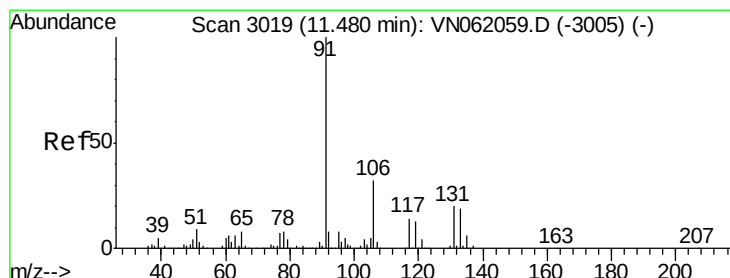
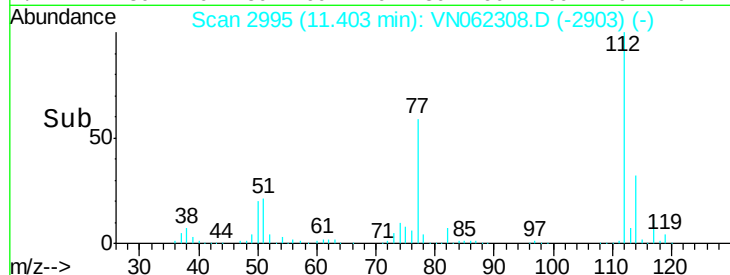
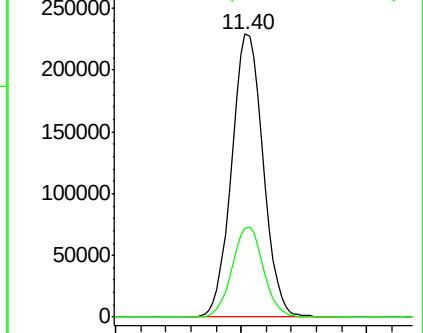
MMDadoda

7/2/2020 12:39:03 PM



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: 50.201 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

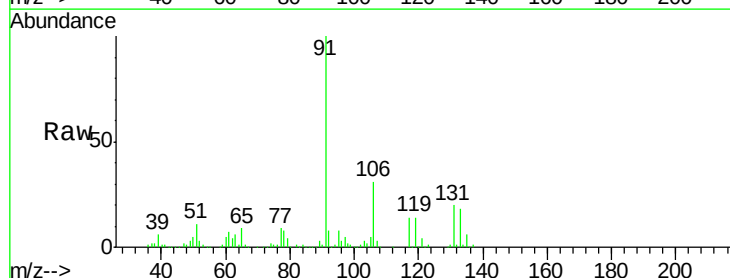
Tgt Ion:131 Resp: 141894

Ion Ratio Lower Upper

131 100

133 93.8 47.6 142.9

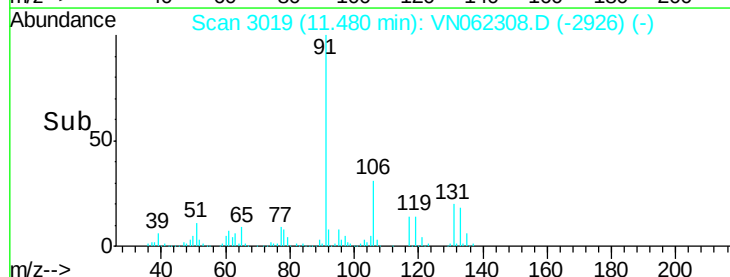
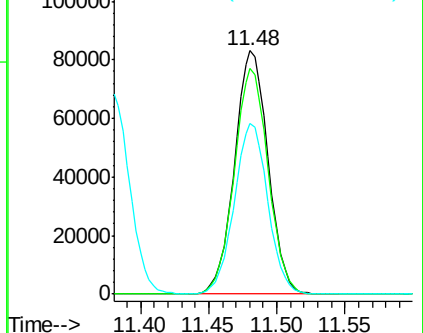
119 70.2 34.4 103.3

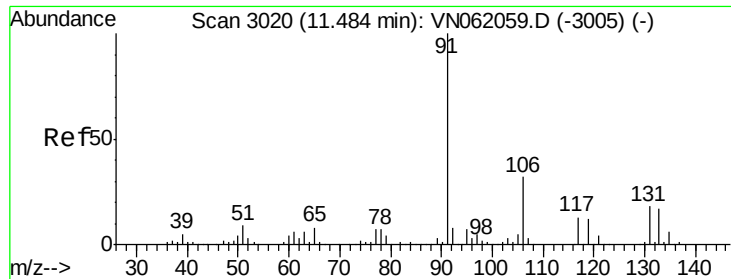


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





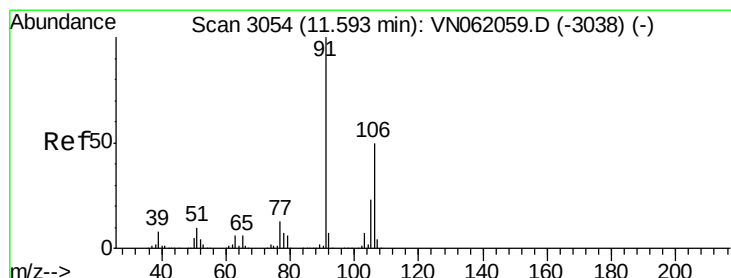
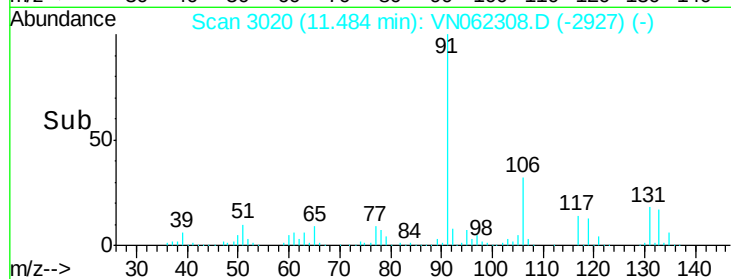
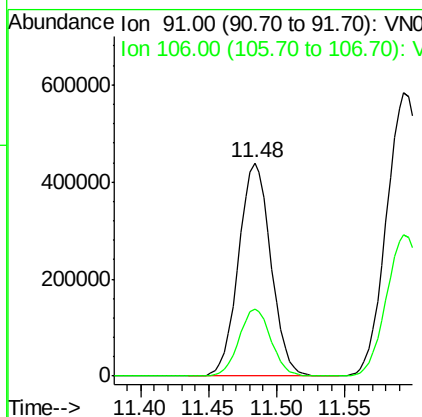
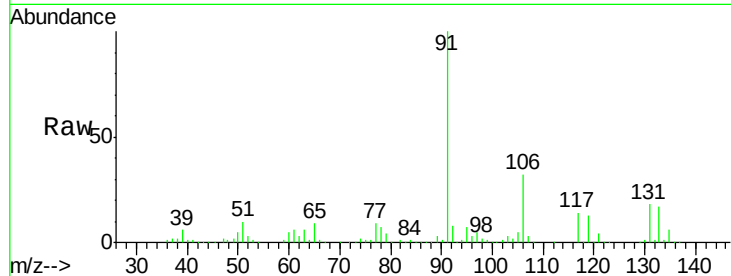
#67  
Ethyl Benzene  
Concen: 52.462 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050EC

Tot Ion: 91 Resp: 724239  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.3 37.9

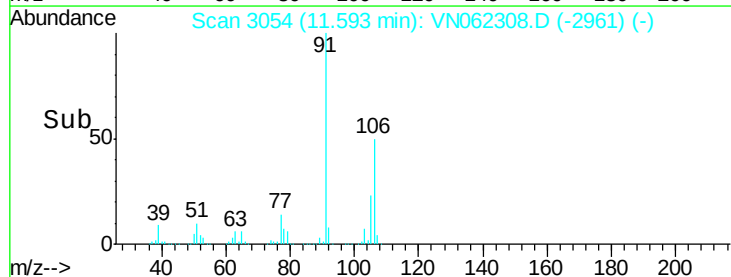
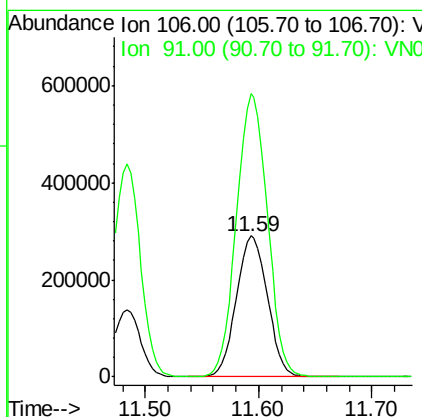
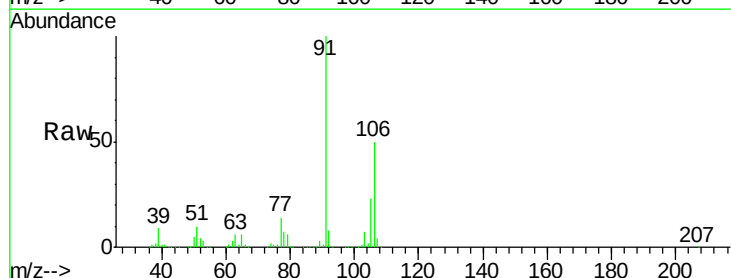
Manual Integrations  
APPROVED

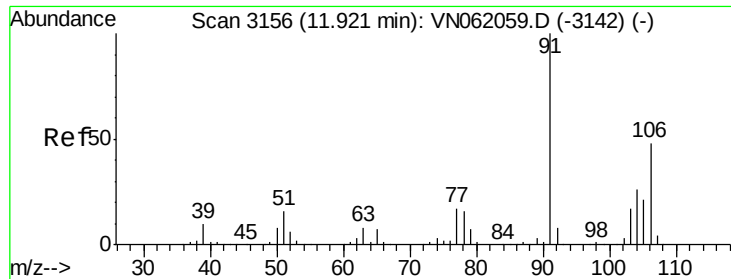
MMDadoda  
7/2/2020 12:39:03 PM



#68  
m/p-Xylenes  
Concen: 103.829 ug/l  
RT: 11.59 min Scan# 3054  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Tgt Ion: 106 Resp: 554404  
Ion Ratio Lower Upper  
106 100  
91 201.4 157.8 236.8





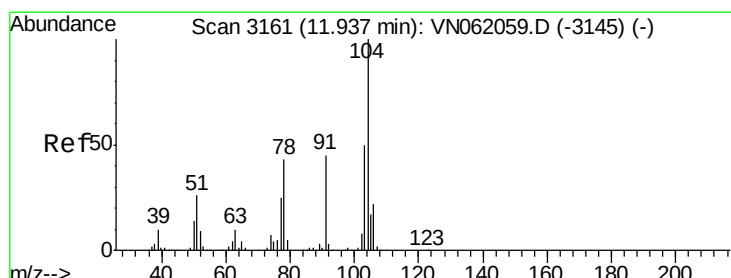
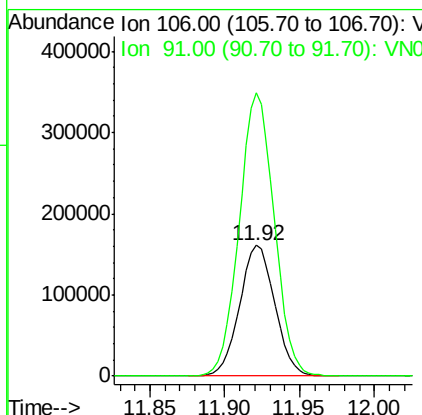
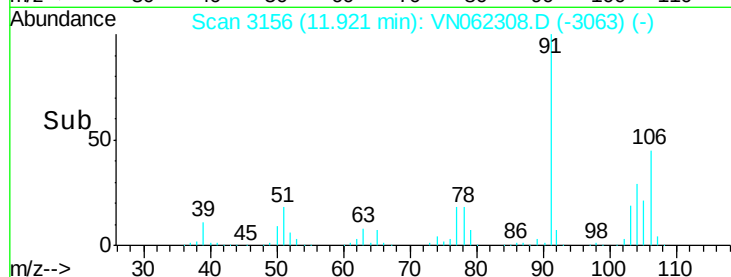
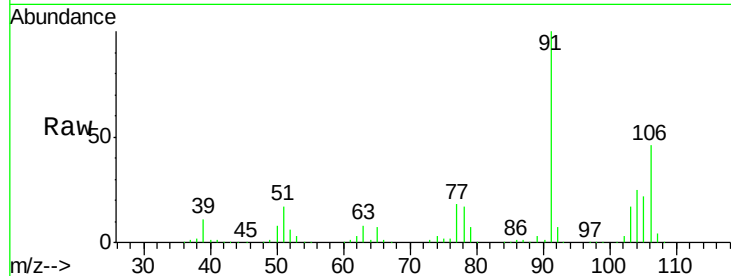
#69  
o-Xylene  
Concen: 52.293 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 263452  
Ion Ratio Lower Upper  
106 100  
91 215.9 104.0 311.9

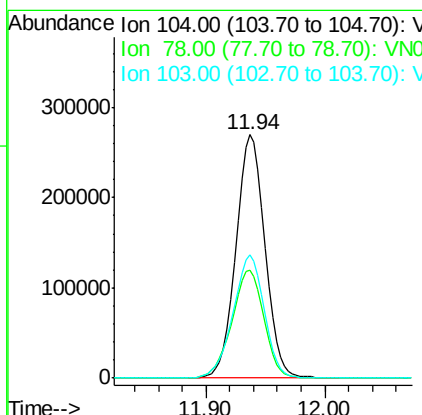
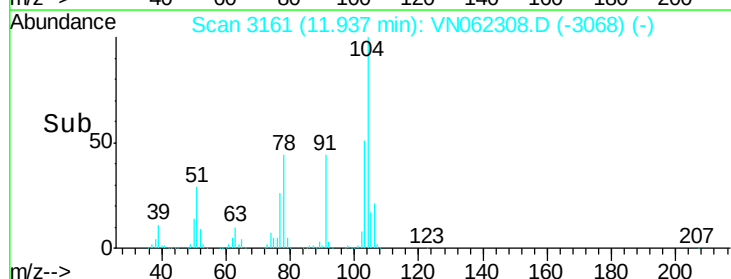
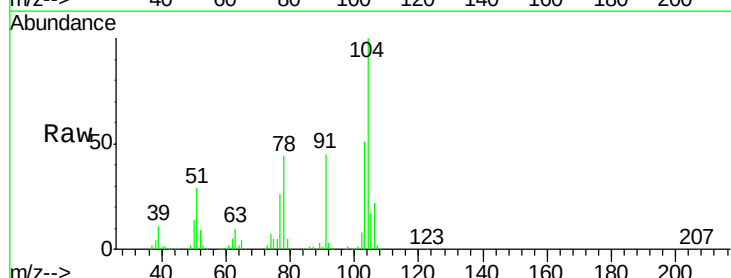
Manual Integrations  
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MMDadoda  
7/2/2020 12:39:03 PM

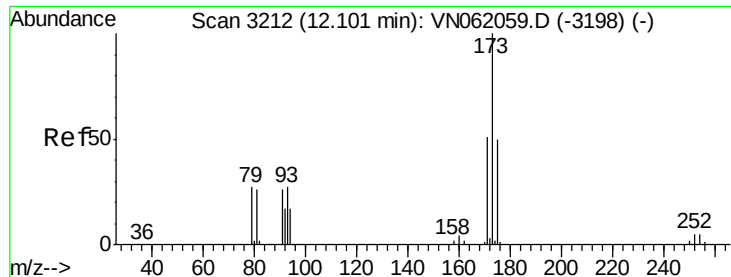


#70  
Styrene  
Concen: 54.123 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Tgt Ion:104 Resp: 454743  
Ion Ratio Lower Upper  
104 100  
78 49.2 37.7 56.5  
103 54.6 43.0 64.6







#71

Bromoform

Concen: 50.122 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 100728

Ion Ratio Lower Upper

173 100

175 48.7 24.7 74.1

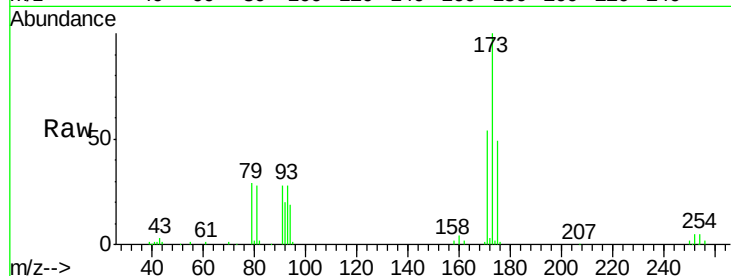
254 0.0 0.0 0.0

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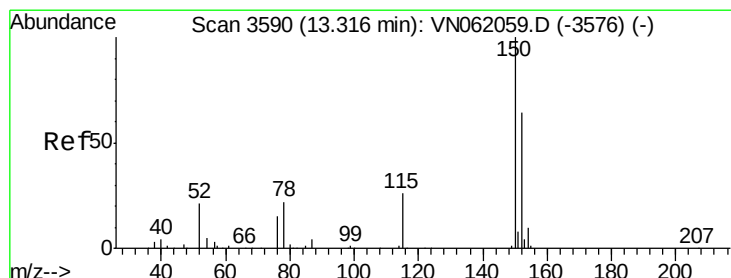
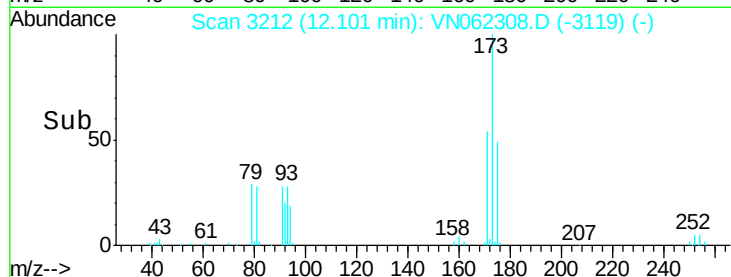
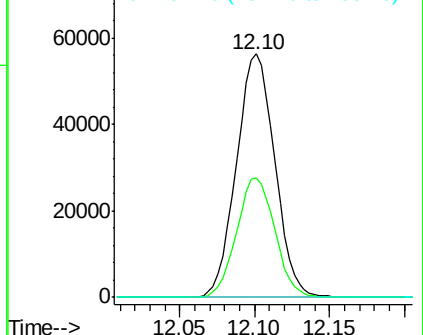
7/2/2020 12:39:03 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

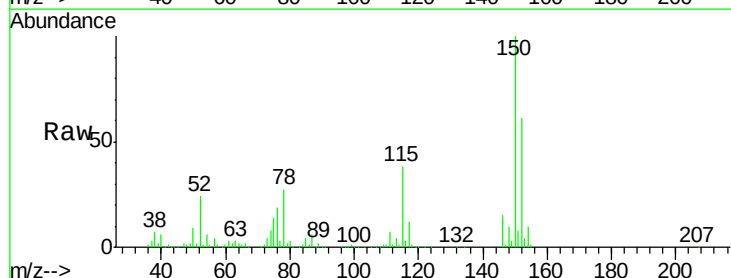
Tgt Ion:152 Resp: 177976

Ion Ratio Lower Upper

152 100

115 61.5 29.5 88.5

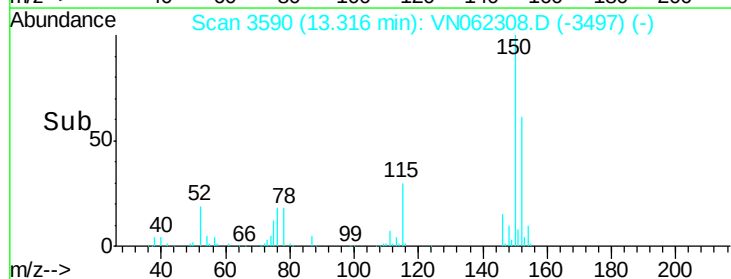
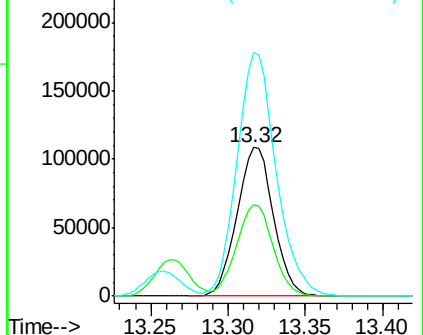
150 175.7 0.0 351.4

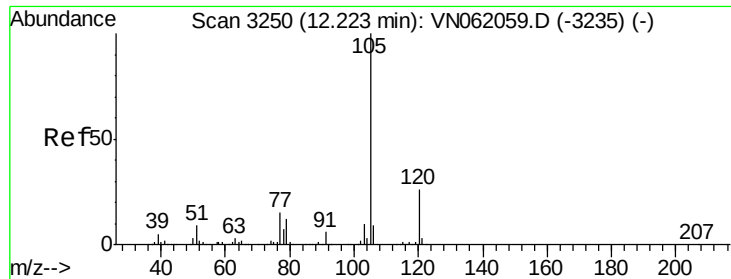


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





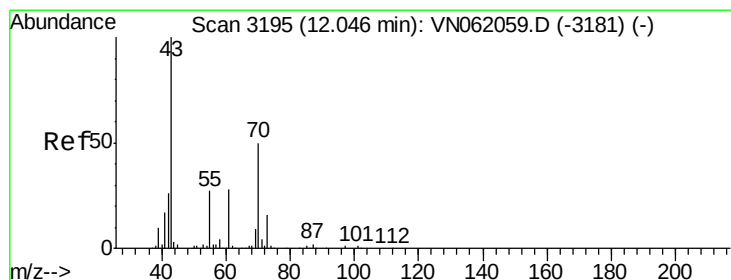
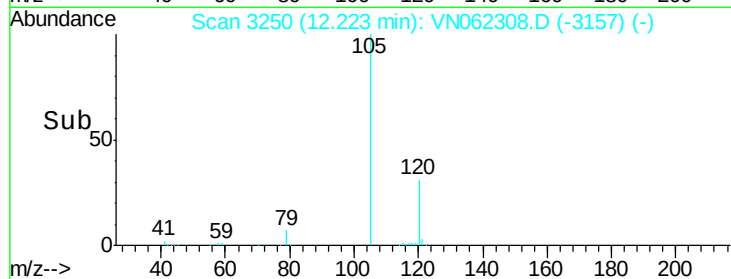
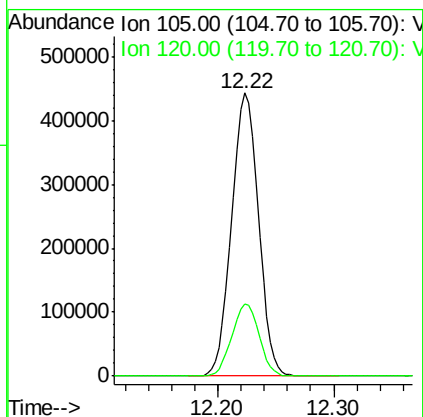
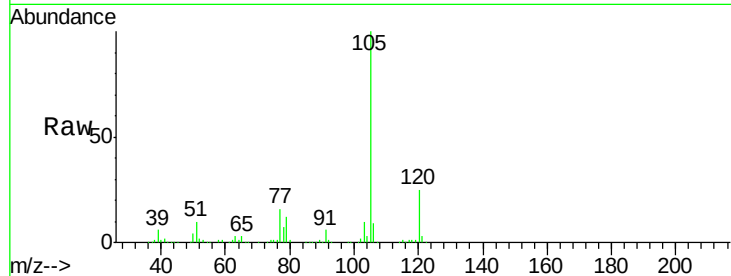
#73  
Isopropylbenzene  
Concen: 51.331 ug/l  
RT: 12.22 min Scan# 3250  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.8  | 13.2  | 39.6  |

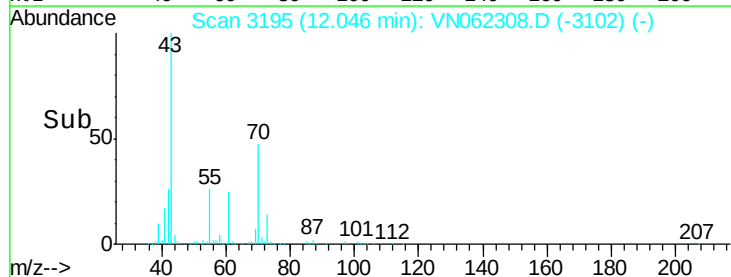
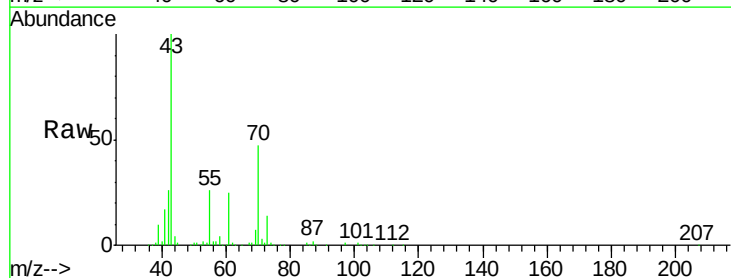
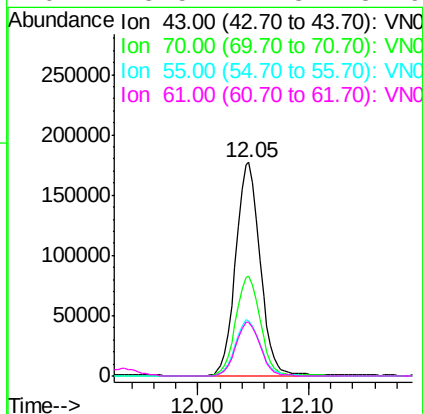
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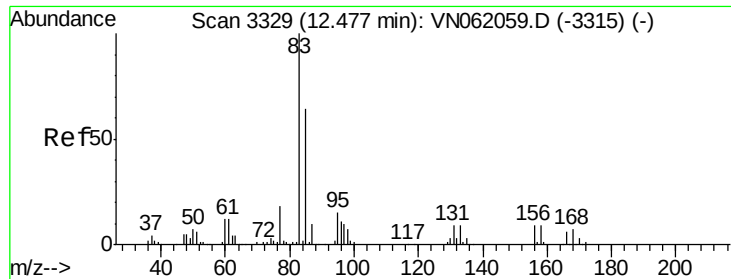
MMDadoda  
7/2/2020 12:39:03 PM



#74  
N-ethyl acetate  
Concen: 53.627 ug/l  
RT: 12.05 min Scan# 3195  
Delta R.T. 0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 47.7  | 39.4  | 59.2  |
| 55      | 27.0  | 21.7  | 32.5  |
| 61      | 25.5  | 21.3  | 31.9  |





#75

1,1,2,2-Tetrachloroethane

Concen: 52.353 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

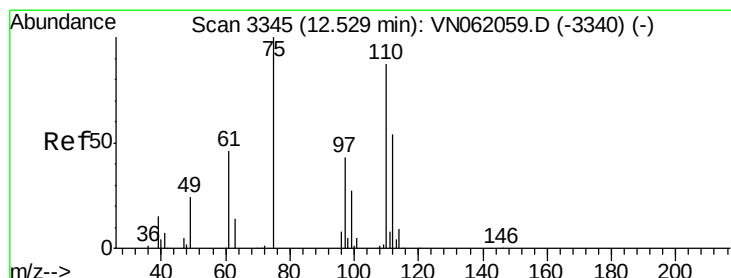
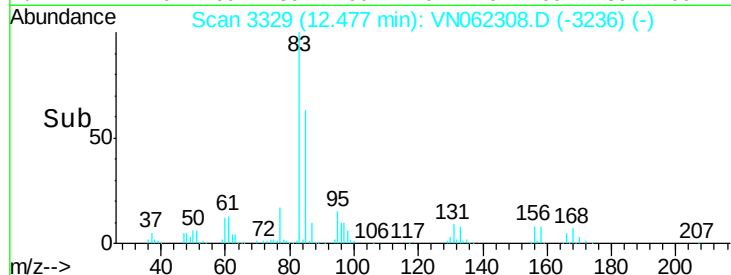
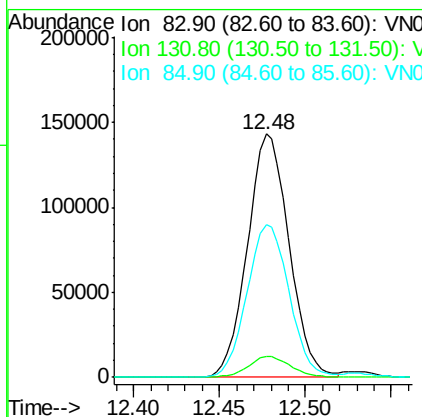
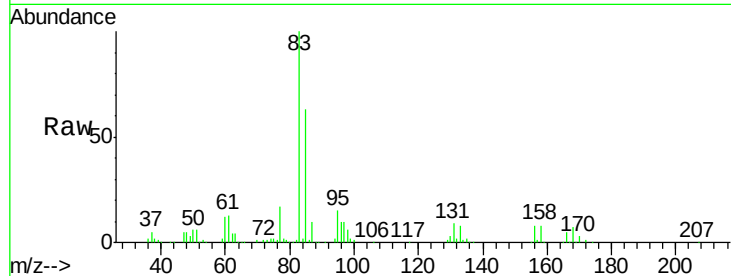
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 240014 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 8.8   | 4.8   | 14.4   |
| 85        | 63.6  | 32.4  | 97.0   |

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#76

1,2,3-Trichloropropane

Concen: 51.182 ug/l m

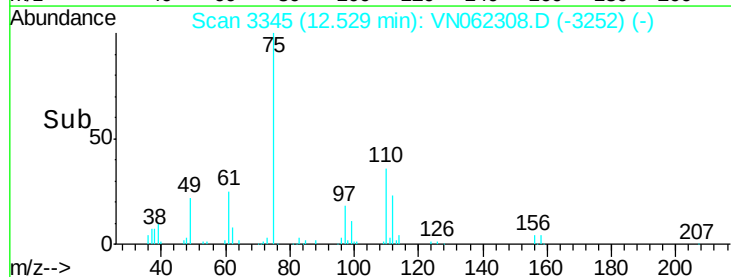
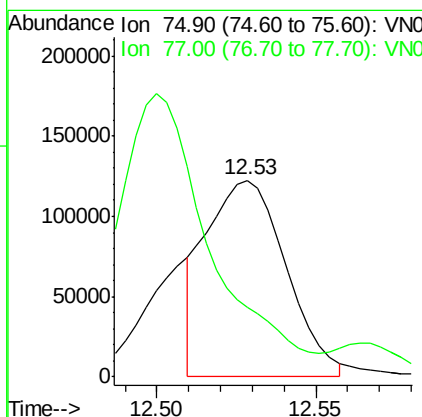
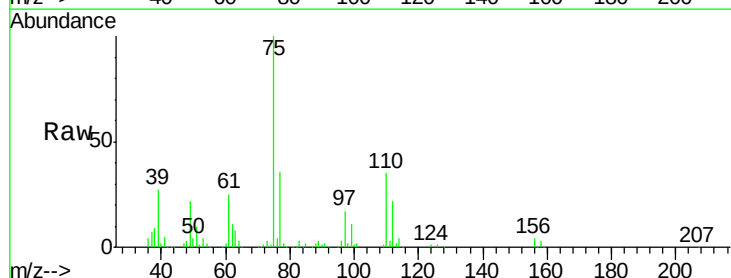
RT: 12.53 min Scan# 3345

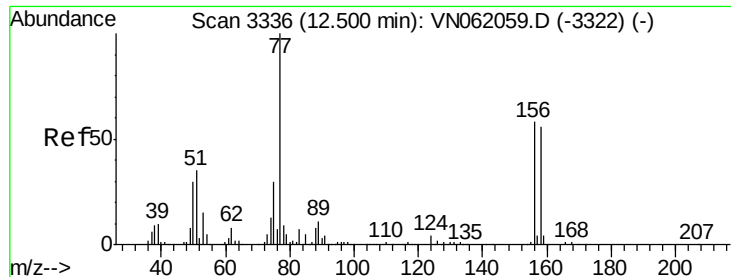
Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 214437 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |





#77

Bromobenzene

Concen: 46.666 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

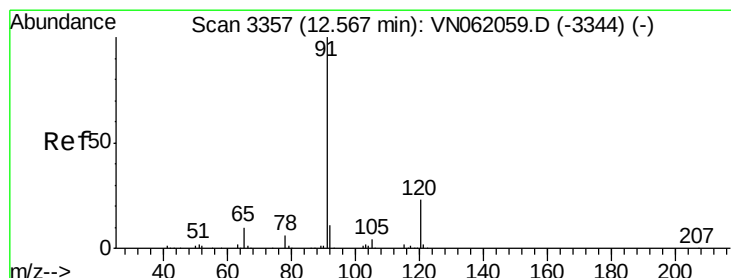
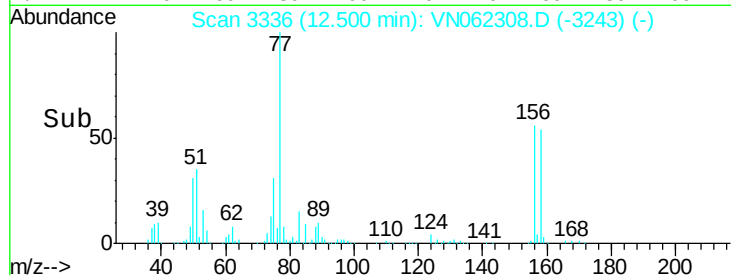
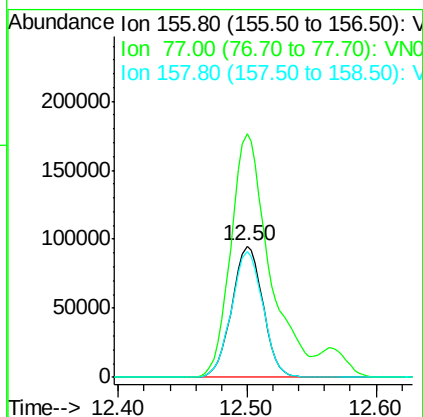
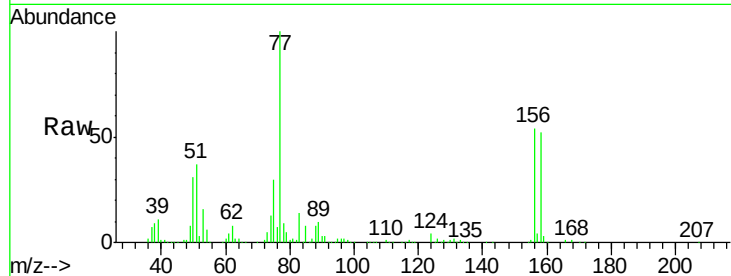
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 159614 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 229.8 | 104.6 | 313.8  |
| 158       | 97.0  | 48.0  | 144.0  |

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#78

n-propylbenzene

Concen: 52.550 ug/l

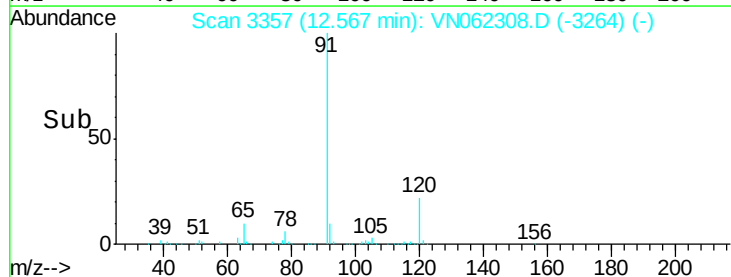
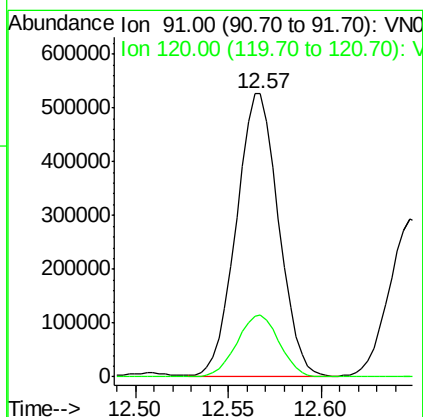
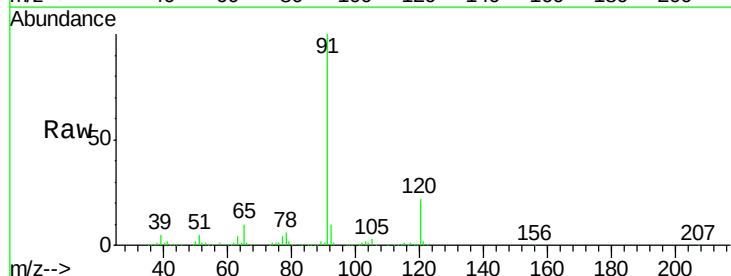
RT: 12.57 min Scan# 3357

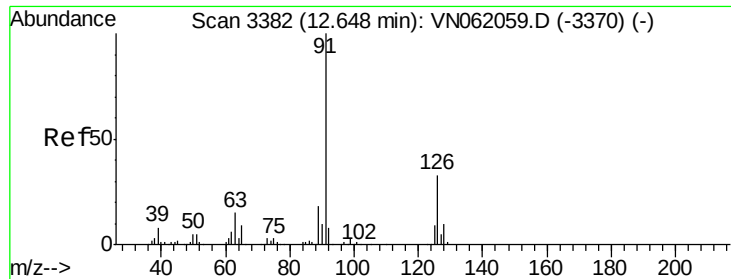
Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 828111 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.2  | 11.4  | 34.1   |





#79

2-Chlorotoluene

Concen: 51.127 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 487076

Ion Ratio Lower Upper

91 100

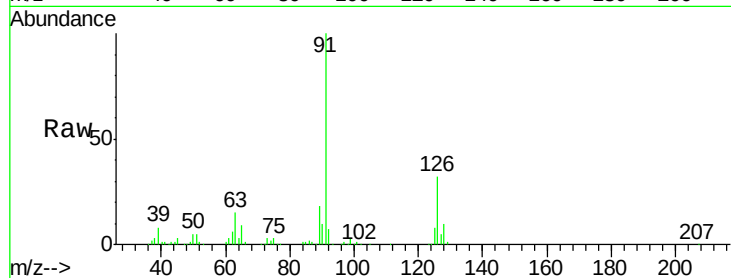
126 32.7 16.9 50.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)

400000

300000

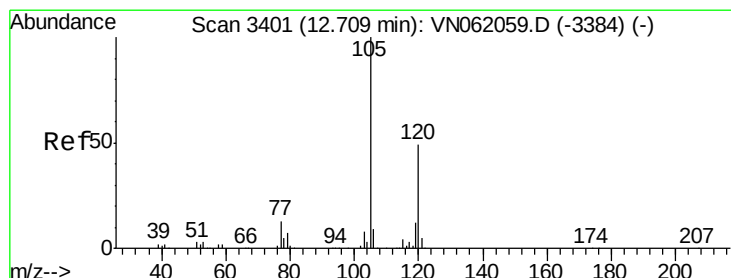
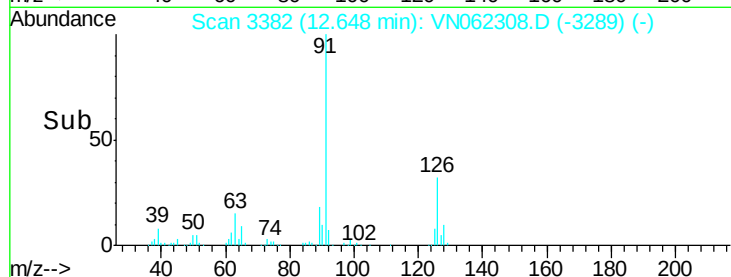
200000

100000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.127 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062308.D

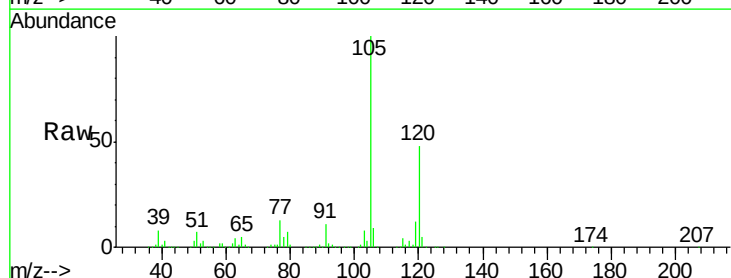
Acq: 1 Jul 2020 21:44

Tgt Ion:105 Resp: 593334

Ion Ratio Lower Upper

105 100

120 48.8 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)

400000

300000

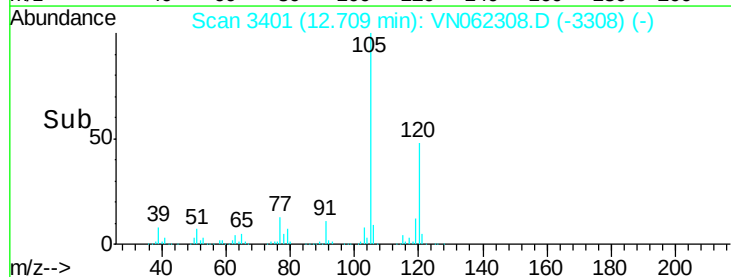
200000

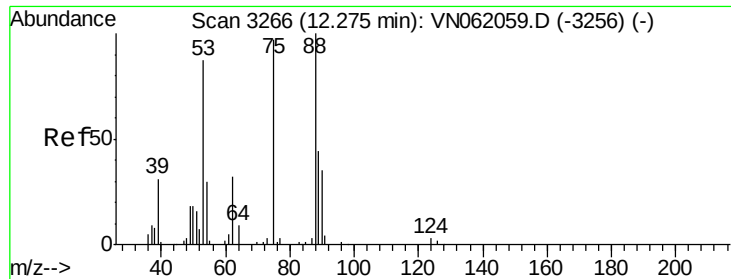
100000

0

12.60 12.70 12.80

Time-->





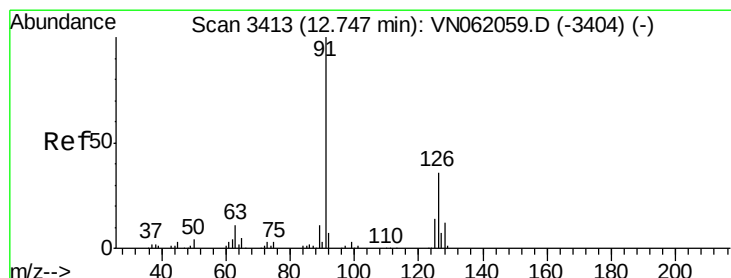
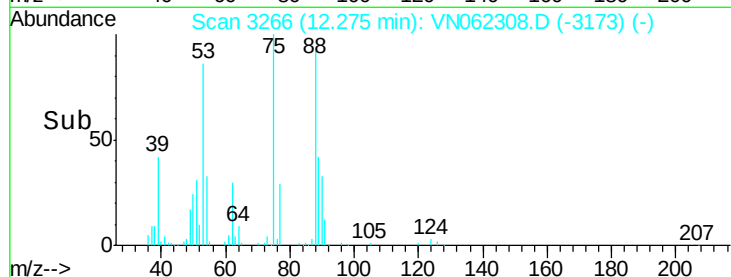
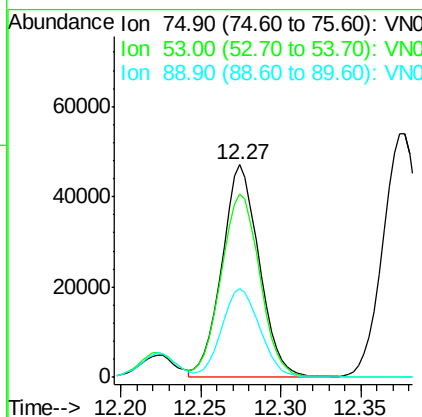
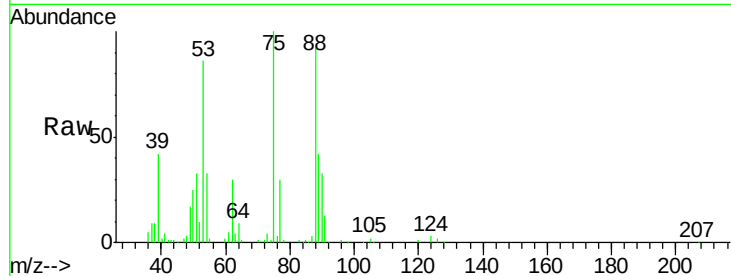
#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.653 ug/l  
RT: 12.27 min Scan# 3266  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 88.2  | 72.0  | 108.0 |
| 89      | 42.3  | 36.9  | 55.3  |

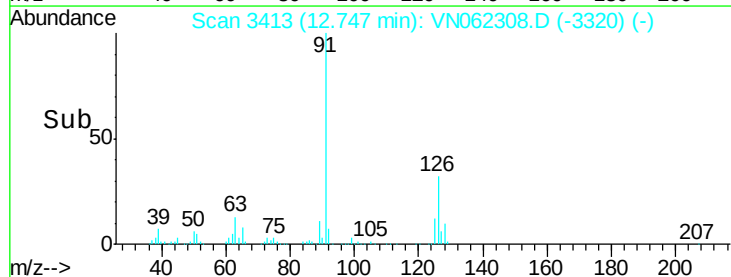
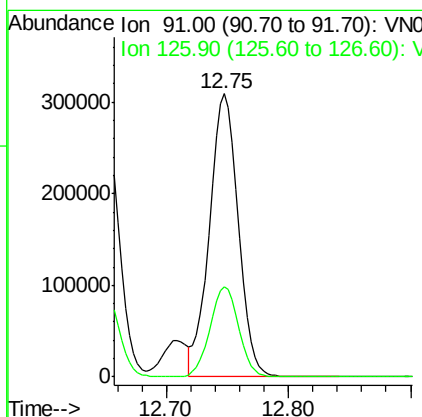
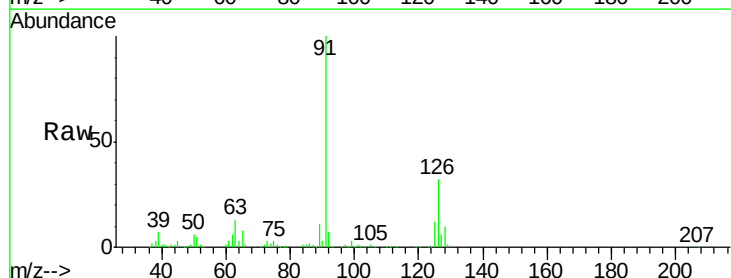
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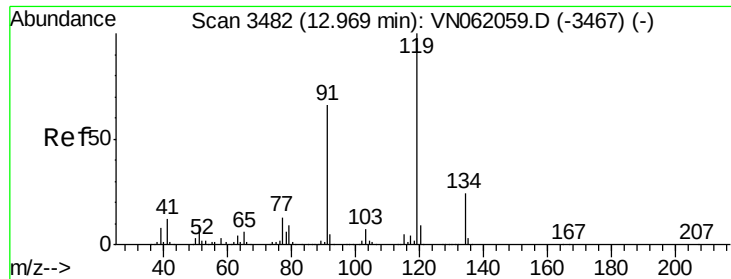
MMDadoda  
7/2/2020 12:39:03 PM



#82  
4-Chlorotoluene  
Concen: 51.835 ug/l  
RT: 12.75 min Scan# 3413  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.8  | 16.7  | 50.1  |





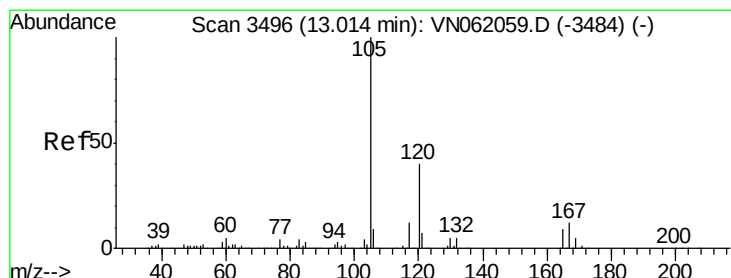
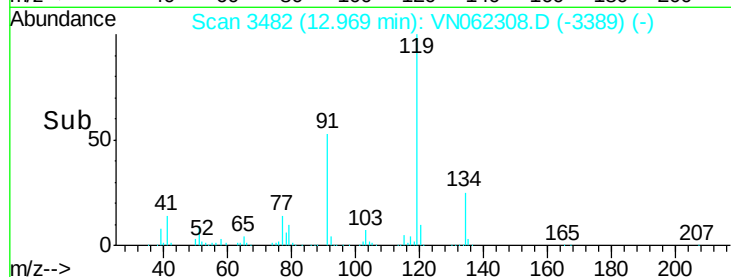
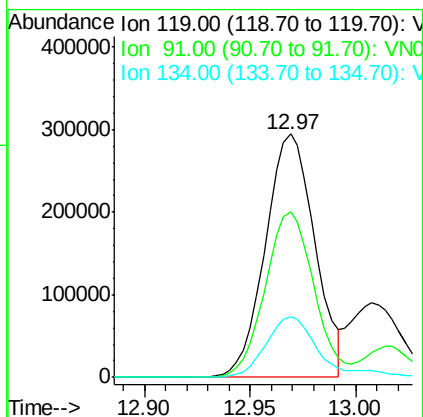
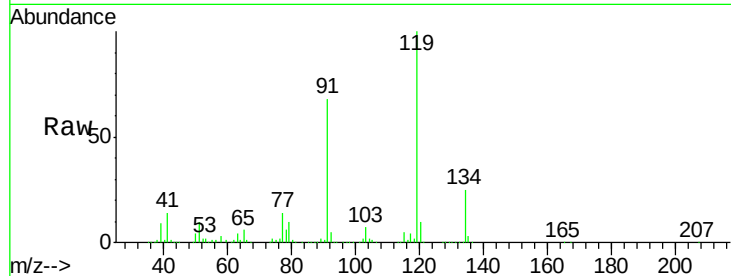
#83  
 tert-Butylbenzene  
 Concen: 50.160 ug/l  
 RT: 12.97 min Scan# 3482  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 67.4  | 31.7  | 95.1  |
| 134     | 26.8  | 13.1  | 39.1  |

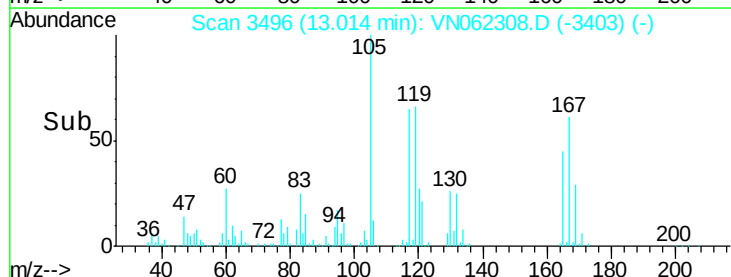
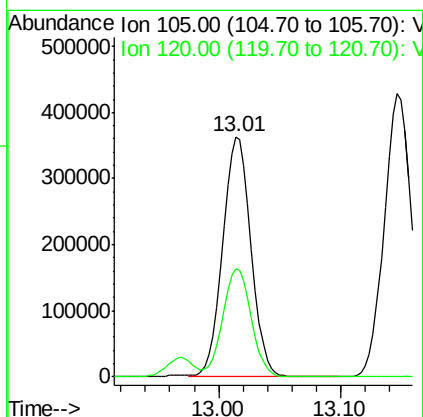
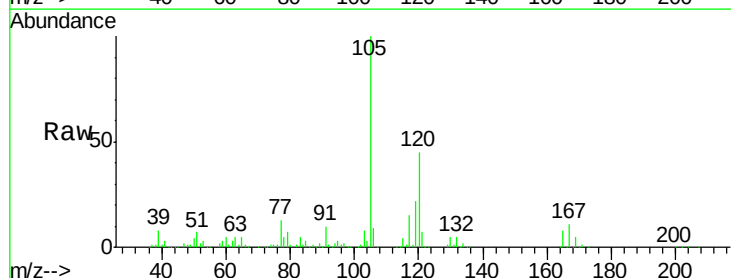
Manual Integrations  
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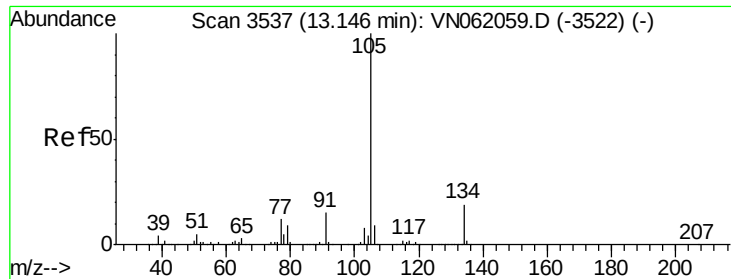
MMDadoda  
 7/2/2020 12:39:03 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 52.768 ug/l  
 RT: 13.01 min Scan# 3496  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.6  | 23.2  | 69.5  |





#85

sec-Butylbenzene

Concen: 53.379 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 674152

Ion Ratio Lower Upper

105 100

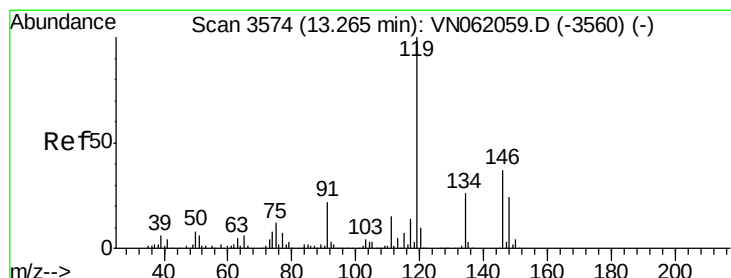
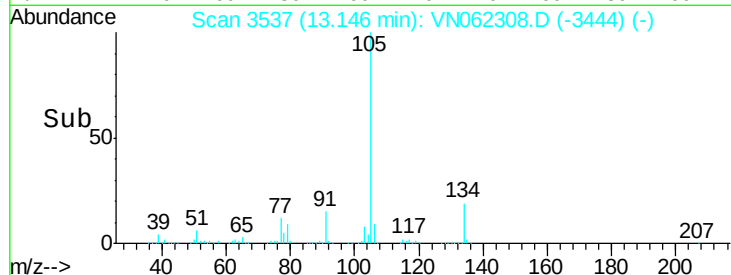
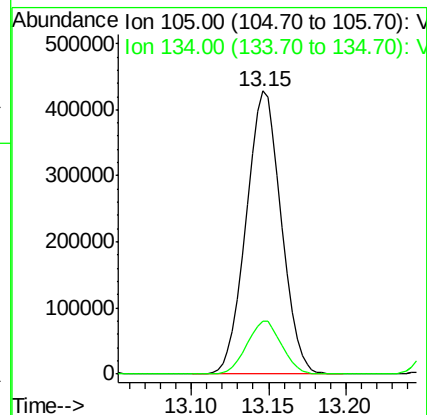
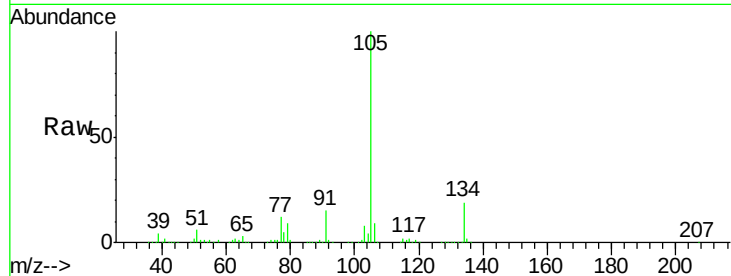
134 18.7 9.7 29.1

Manual Integrations

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7/2/2020 12:39:03 PM



#86

p-Isopropyltoluene

Concen: 53.100 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

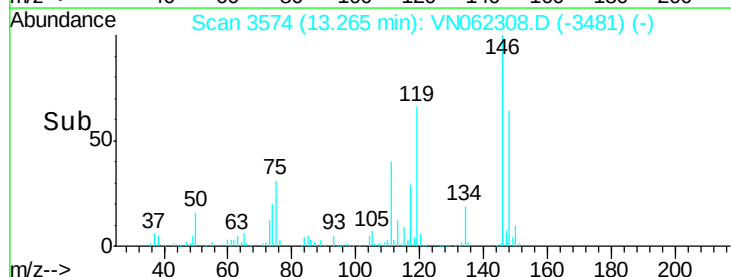
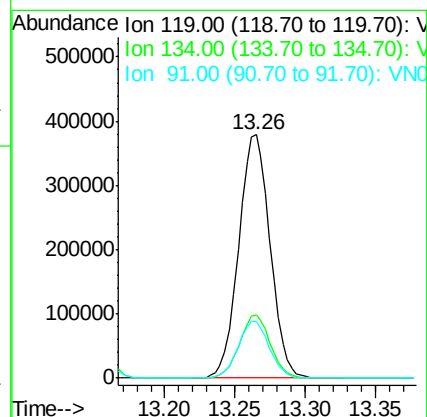
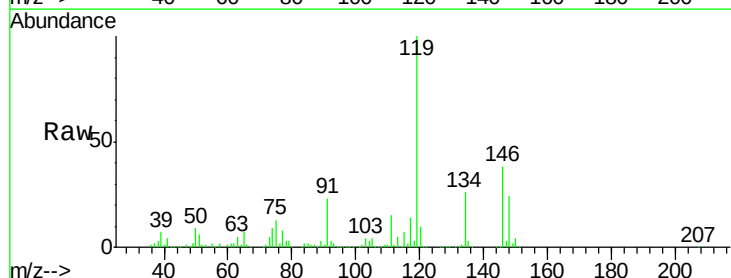
Tgt Ion:119 Resp: 587544

Ion Ratio Lower Upper

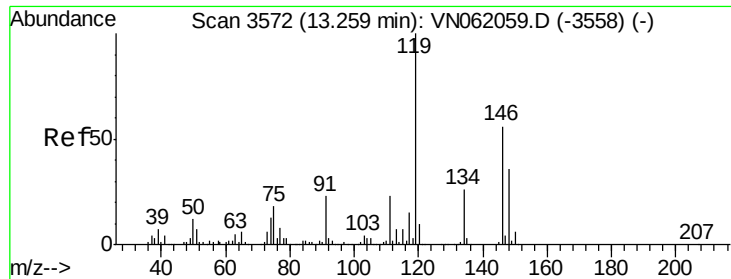
119 100

134 25.8 13.0 39.0

91 23.1 11.3 33.8







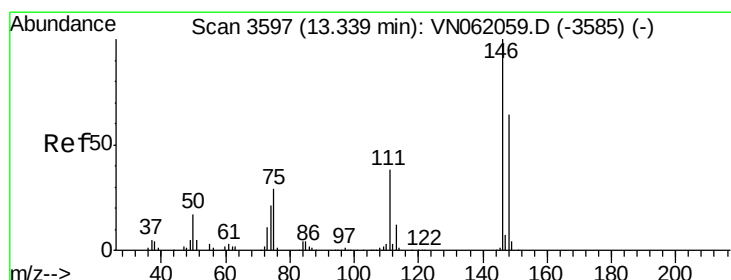
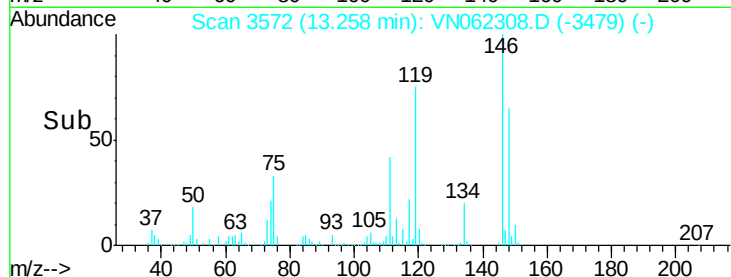
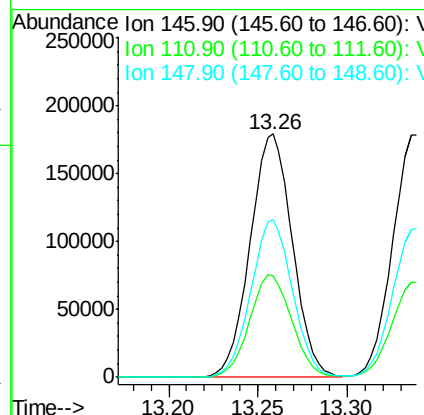
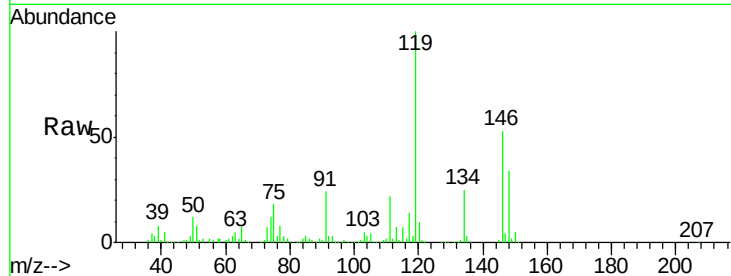
#87  
 1,3-Dichlorobenzene  
 Concen: 49.532 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.0  | 20.3  | 61.0  |
| 148     | 63.8  | 31.8  | 95.3  |

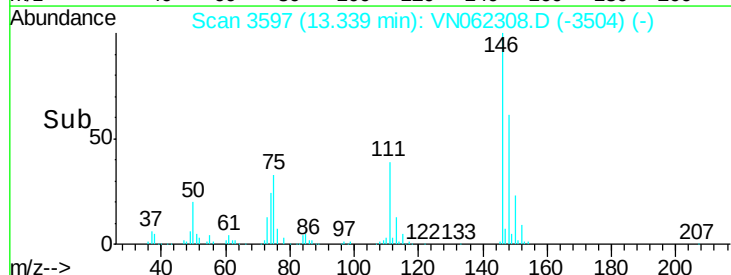
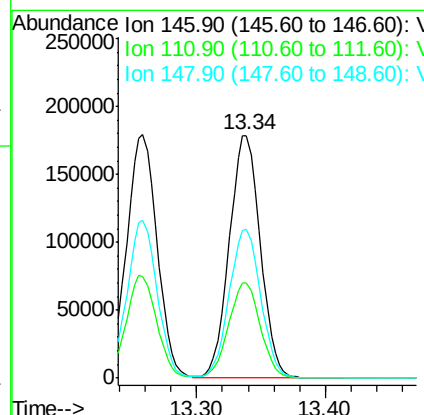
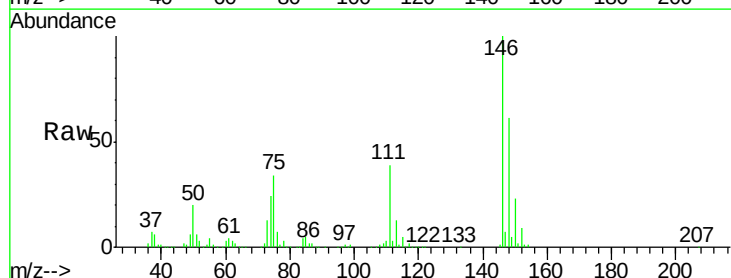
Manual Integrations  
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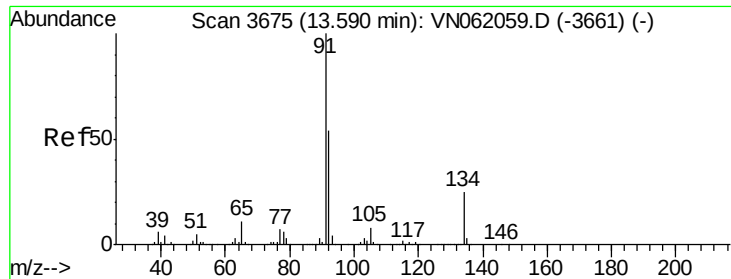
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 48.004 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.2  | 19.9  | 59.6  |
| 148     | 62.7  | 31.9  | 95.9  |





#89

n-Butylbenzene

Concen: 53.033 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA\_N

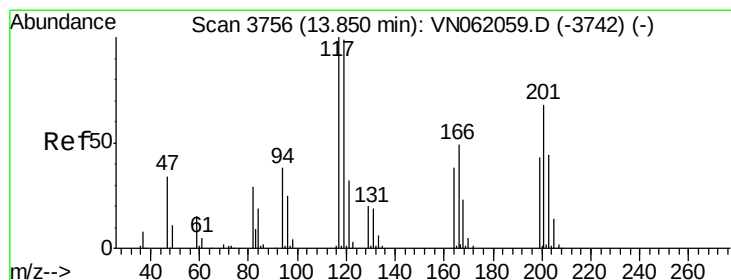
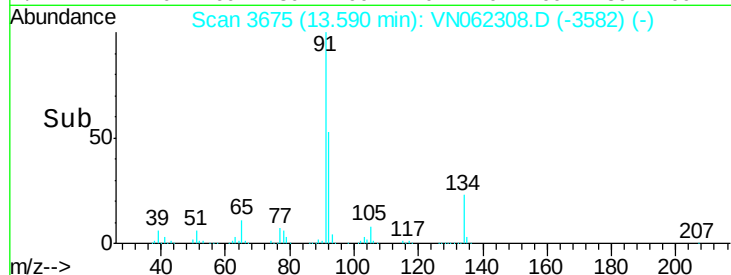
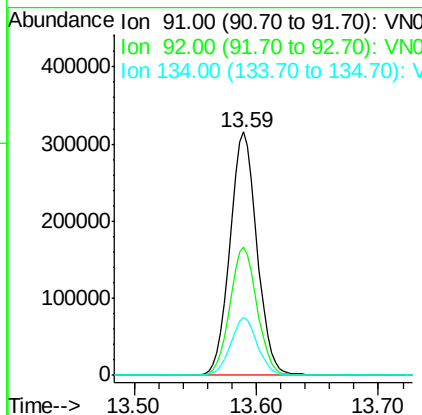
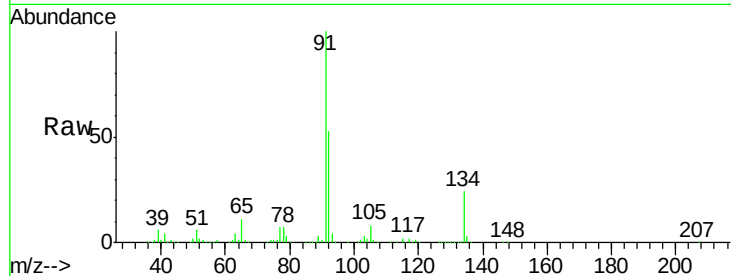
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 91    | Resp: | 487859 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 53.0  | 26.6  | 79.7   |
| 134      | 23.7  | 12.3  | 36.9   |

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#90

Hexachloroethane

Concen: 51.714 ug/l

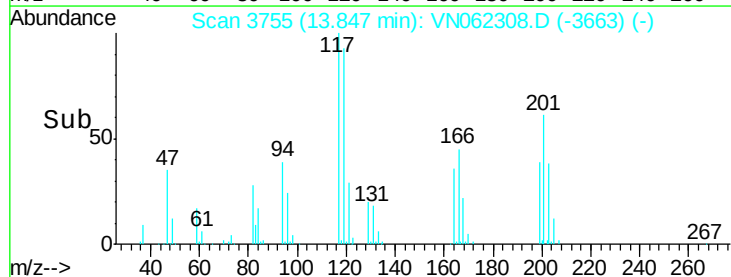
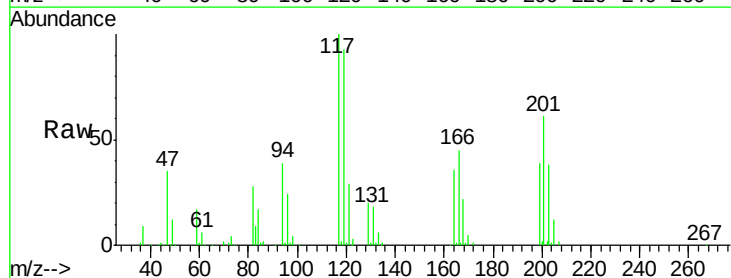
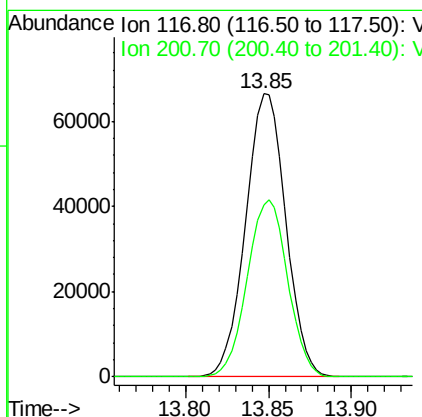
RT: 13.85 min Scan# 3755

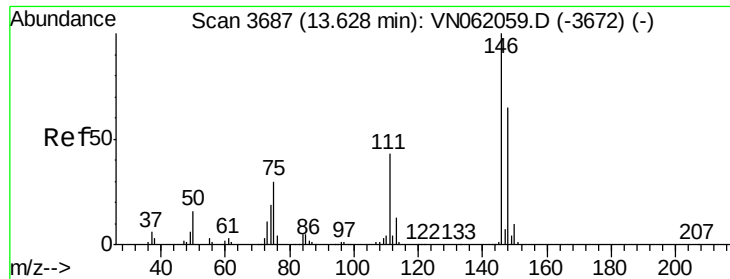
Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 112266 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 201      | 62.7  | 32.7  | 98.1   |





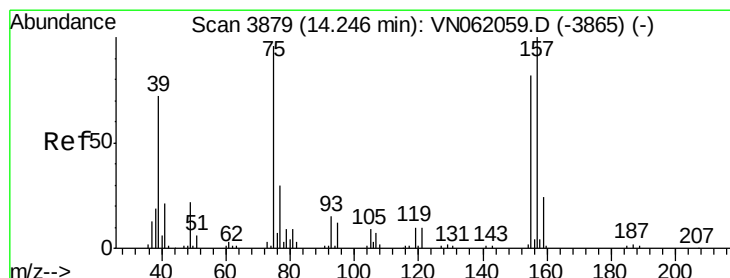
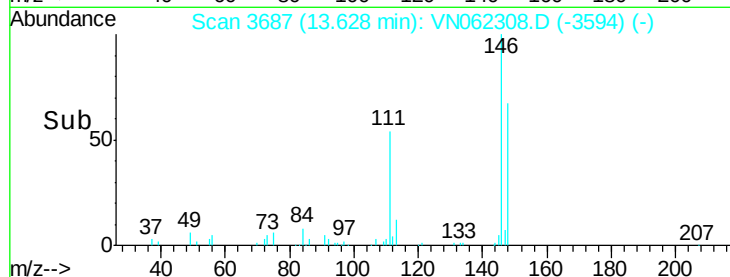
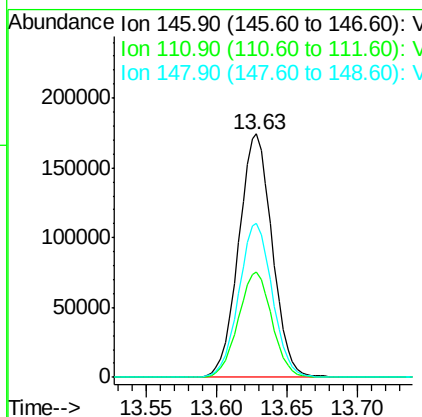
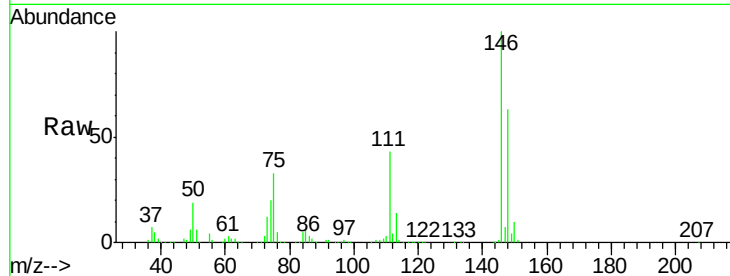
#91  
 1,2-Dichlorobenzene  
 Concen: 49.970 ug/l  
 RT: 13.63 min Scan# 3687  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.4  | 21.2  | 63.6  |
| 148     | 63.3  | 31.9  | 95.5  |

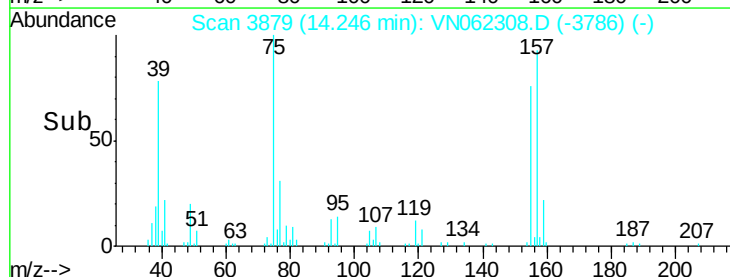
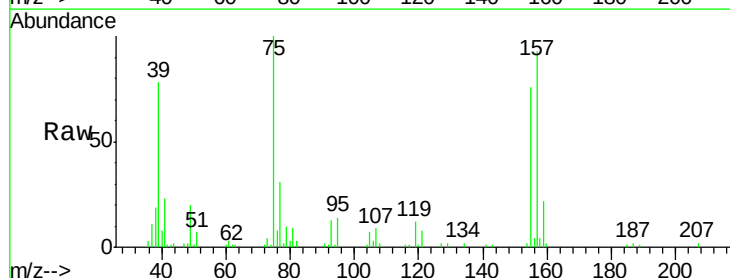
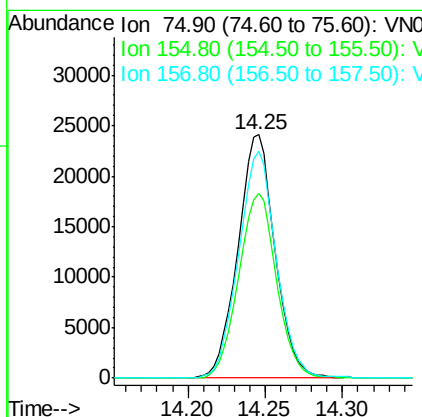
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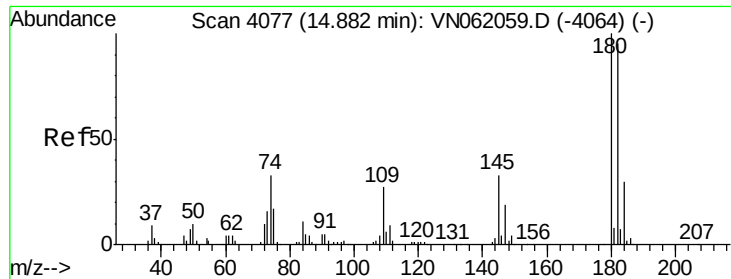
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 54.857 ug/l  
 RT: 14.25 min Scan# 3879  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 77.4  | 40.8  | 122.4 |
| 157     | 94.8  | 51.4  | 154.3 |





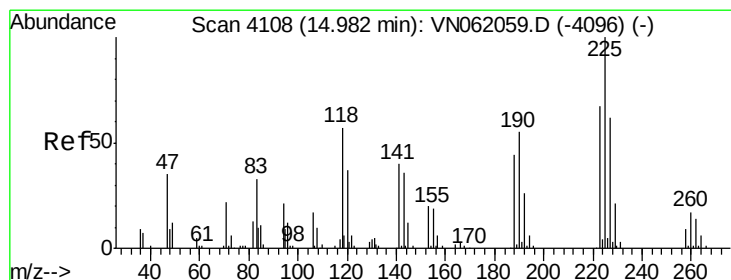
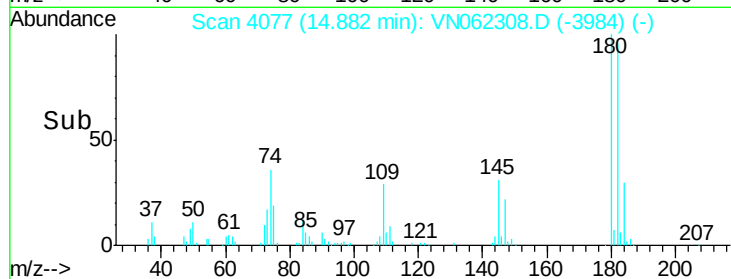
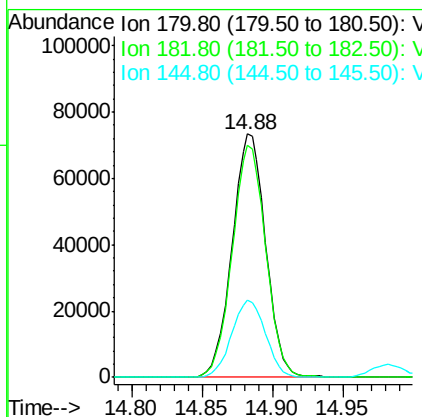
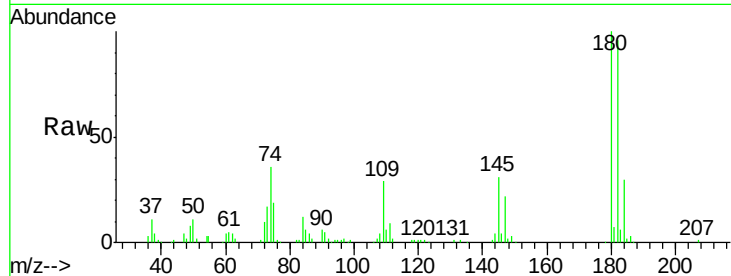
#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.991 ug/l  
 RT: 14.88 min Scan# 4077  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 122104 |       |       |
| 182     | 95.5  | 48.0   | 144.2 |       |
| 145     | 32.1  | 16.0   | 48.0  |       |

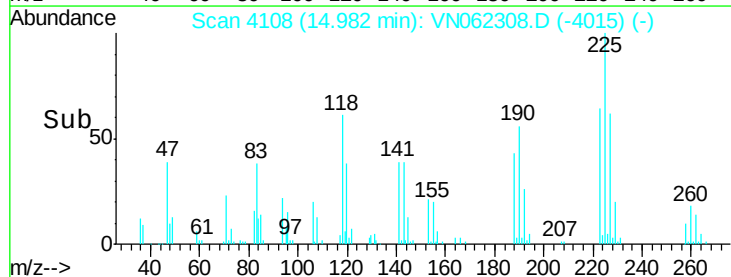
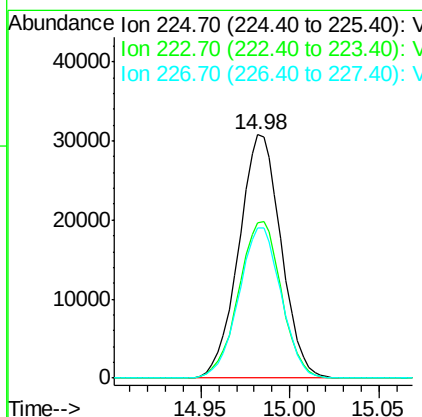
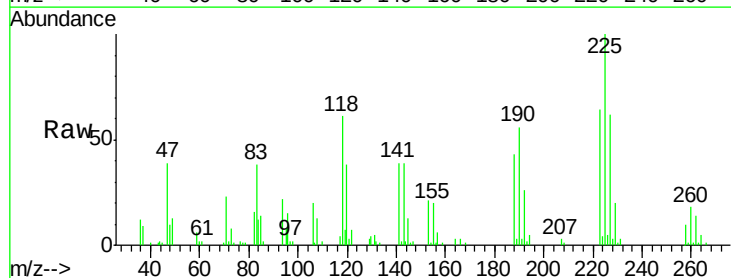
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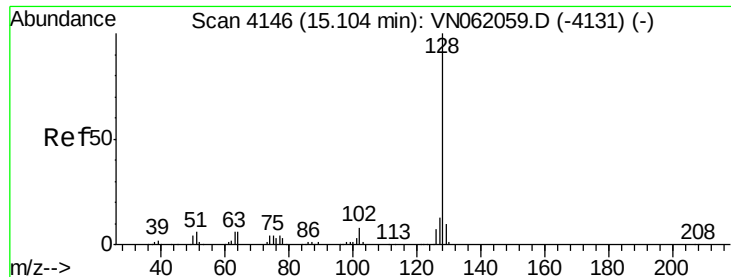
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#94  
 Hexachlorobutadiene  
 Concen: 46.064 ug/l  
 RT: 14.98 min Scan# 4108  
 Delta R.T. -0.00 min  
 Lab File: VN062308.D  
 Acq: 1 Jul 2020 21:44

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 50903 |       |       |
| 223     | 65.1  | 32.9  | 98.7  |       |
| 227     | 61.9  | 31.3  | 93.8  |       |





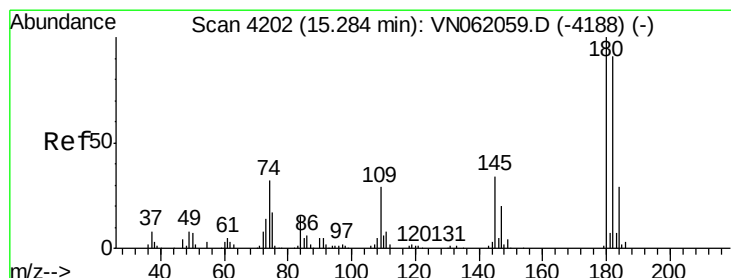
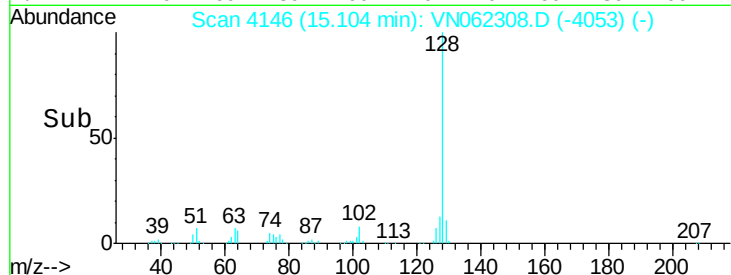
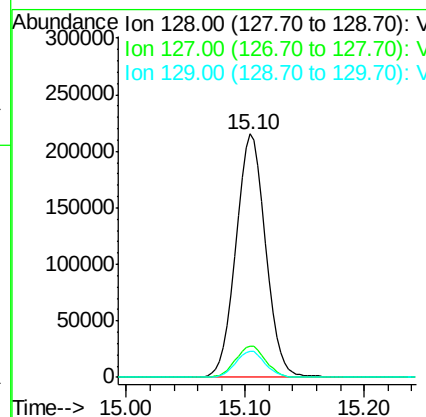
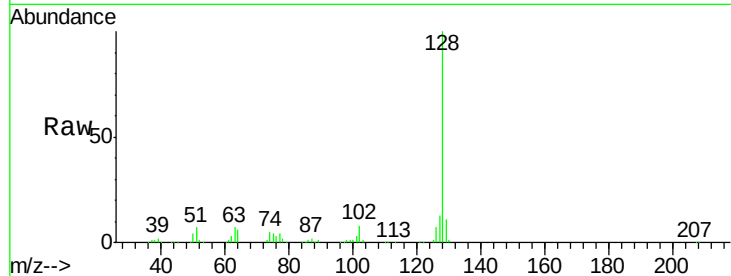
#95  
Naphthalene  
Concen: 44.336 ug/l  
RT: 15.10 min Scan# 4146  
Delta R.T. 0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 371945 |       |       |
| 127     | 13.1  |        | 10.5  | 15.7  |
| 129     | 10.6  |        | 8.6   | 13.0  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 48.527 ug/l  
RT: 15.28 min Scan# 4202  
Delta R.T. -0.00 min  
Lab File: VN062308.D  
Acq: 1 Jul 2020 21:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 126247 |       |       |
| 182     | 94.4  |        | 46.8  | 140.4 |
| 145     | 33.7  |        | 16.4  | 49.2  |

