

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\  
 Data File : VN062257.D  
 Acq On : 30 Jun 2020 22:40  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 7/1/2020 11:04:30 AM

Quant Time: Jul 01 05:38:21 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  | 212468   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 392790   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 367049   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 173501   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 7.99   | 65  | 158724   | 53.23 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 106.46% |      |
| 35) Dibromofluoromethane    | 7.55   | 113 | 124187   | 49.28 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.56%  |      |
| 50) Toluene-d8              | 10.06  | 98  | 493410   | 48.98 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.96%  |      |
| 62) 4-Bromofluorobenzene    | 12.38  | 95  | 168428   | 49.49 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.98%  |      |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 108885  | 45.339  | ug/l   | 99     |
| 3) Chloromethane              | 2.03 | 50  | 145082  | 51.350  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.16 | 62  | 174424  | 46.119  | ug/l   | 97     |
| 5) Bromomethane               | 2.52 | 94  | 102359  | 41.877  | ug/l   | 98     |
| 6) Chloroethane               | 2.66 | 64  | 123914  | 47.963  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 213269  | 45.764  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.37 | 74  | 85855   | 52.760  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101 | 117210  | 48.029  | ug/l   | 97     |
| 10) Methyl Iodide             | 3.91 | 142 | 126325  | 45.963  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 4.73 | 59  | 115012  | 268.659 | ug/l # | 87     |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 119429  | 48.953  | ug/l   | 94     |
| 13) Acrolein                  | 3.56 | 56  | 113993  | 271.974 | ug/l   | 99     |
| 14) Allyl chloride            | 4.27 | 41  | 175837  | 52.938  | ug/l   | 99     |
| 15) Acrylonitrile             | 4.93 | 53  | 333473  | 285.855 | ug/l   | 100    |
| 16) Acetone                   | 3.77 | 43  | 259210  | 277.409 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.00 | 76  | 334844  | 47.920  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.28 | 43  | 137106  | 57.845  | ug/l   | 96     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 424490  | 54.452  | ug/l   | 96     |
| 20) Methylene Chloride        | 4.50 | 84  | 149010  | 54.460  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 137259  | 49.387  | ug/l   | 95     |
| 22) Diisopropyl ether         | 5.90 | 45  | 421102  | 55.680  | ug/l   | 97     |
| 23) Vinyl Acetate             | 5.84 | 43  | 1752422 | 283.810 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 256661  | 52.702  | ug/l   | 99     |
| 25) 2-Butanone                | 6.79 | 43  | 413850  | 283.967 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 6.77 | 77  | 186592  | 45.978  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 159746  | 51.080  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.15 | 49  | 108477  | 51.338  | ug/l   | 95     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 278411  | 291.634 | ug/l   | 99     |
| 30) Chloroform                | 7.33 | 83  | 256069  | 51.680  | ug/l   | 99     |
| 31) Cyclohexane               | 7.61 | 56  | 208167  | 50.533  | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 211375  | 50.585  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 188705  | 47.796  | ug/l   | 98     |
| 37) Ethyl Acetate             | 6.88 | 43  | 178304  | 54.539  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 174377  | 46.848  | ug/l   | 99     |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 7/1/2020 11:04:30 AM

Quant Time: Jul 01 05:38:21 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   | 212421   | 49.104   | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 596093   | 49.535   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.14  | 41   | 85437m   | 56.370   | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 203397   | 50.027   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 290927   | 54.589   | ug/l # | 91       |
| 44) Trichloroethene            | 8.80  | 130  | 138007   | 45.464   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.09  | 63   | 156479   | 52.708   | ug/l   | 98       |
| 46) Dibromomethane             | 9.18  | 93   | 101977   | 50.663   | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.37  | 83   | 207902   | 51.154   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.17  | 41   | 133411   | 55.830   | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 55755    | 1052.147 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 906393   | 291.093  | ug/l   | 99       |
| 52) Toluene                    | 10.12 | 92   | 370673   | 50.484   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 223027   | 49.879   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 246269   | 51.732   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 151066   | 52.340   | ug/l   | 100      |
| 56) Ethyl methacrylate         | 10.40 | 69   | 216987   | 56.334   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 255757   | 51.482   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 410744   | 250.436  | ug/l   | 96       |
| 59) 2-Hexanone                 | 10.72 | 43   | 658439   | 292.843  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.87 | 129  | 153594   | 50.265   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 148731   | 50.151   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.60 | 164  | 108915   | 43.439   | ug/l   | 96       |
| 65) Chlorobenzene              | 11.41 | 112  | 382529   | 47.457   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 136499   | 48.973   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.48 | 91   | 700689   | 51.472   | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.59 | 106  | 530021   | 100.663  | ug/l   | 97       |
| 69) o-Xylene                   | 11.92 | 106  | 254226   | 51.174   | ug/l   | 97       |
| 70) Styrene                    | 11.94 | 104  | 431630   | 52.097   | ug/l   | 98       |
| 71) Bromoform                  | 12.10 | 173  | 99289    | 50.103   | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.22 | 105  | 671123   | 49.971   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.05 | 43   | 253263   | 51.145   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 227370   | 50.874   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 188468m  | 46.144   | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 152297   | 45.676   | ug/l   | 90       |
| 78) n-propylbenzene            | 12.57 | 91   | 791014   | 51.490   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 460935   | 49.631   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 566915   | 52.071   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 69708    | 49.842   | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 481354   | 50.120   | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 459189   | 49.283   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 562939   | 51.771   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 646238   | 52.489   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 573641   | 53.181   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 281194   | 48.026   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 278441   | 46.134   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 482426   | 53.795   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 107076   | 50.595   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 277201   | 48.823   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 38449    | 53.703   | ug/l   | 95       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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MMDadoda  
7/1/2020 11:04:30 AM

Quant Time: Jul 01 05:38:21 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  | 122845   | 49.528 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.99 | 225  | 51956    | 48.229 | ug/l  | 96       |
| 95) Naphthalene            | 15.10 | 128  | 367984   | 44.936 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 123842   | 48.831 | ug/l  | 99       |

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

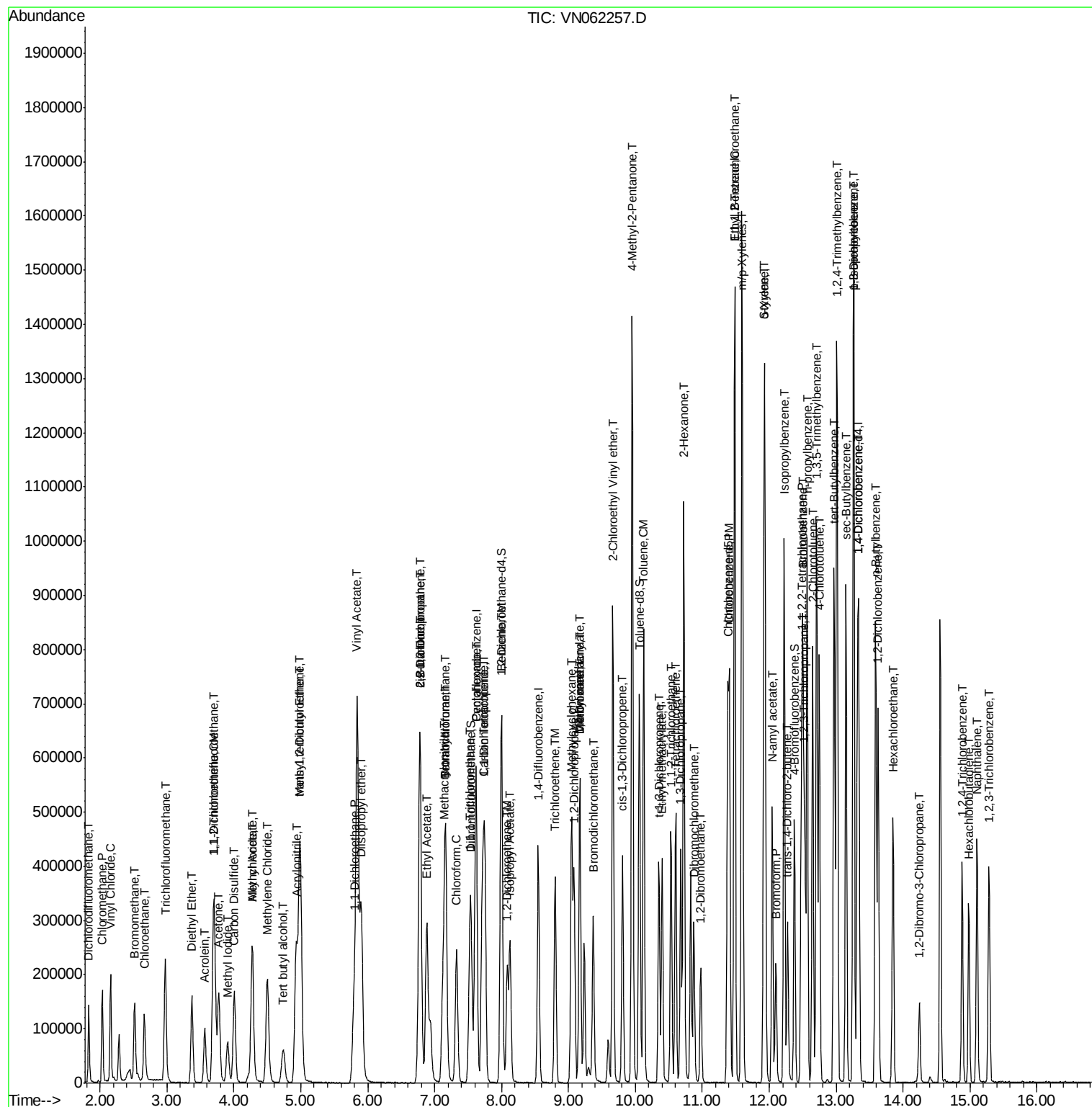
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Data File : VN062257.D  
Acq On : 30 Jun 2020 22:40  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 30 Sample Multiplier: 1

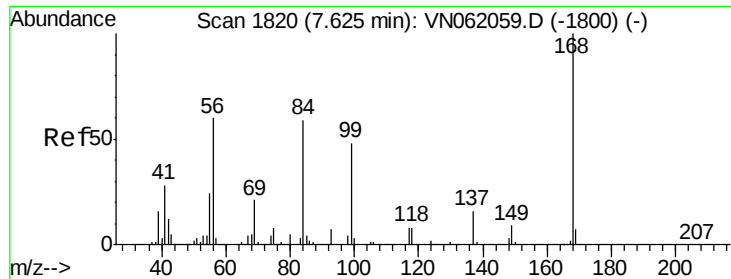
Instrument :  
MSVOA\_N  
Client Sample Id :  
VSTDCCC050

Manual Integrations  
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7/1/2020 11:04:30 AM

Quant Time: Jul 01 05:38:21 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N062420W.M  
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: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 212468

Ion Ratio Lower Upper

168 100

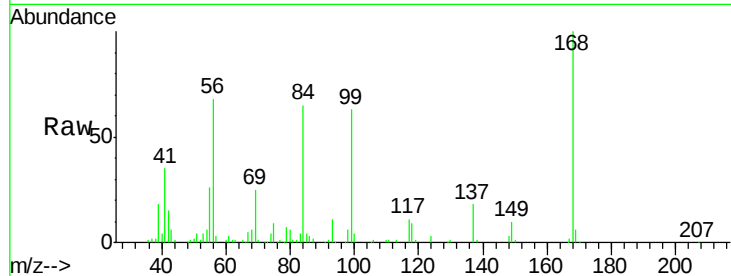
99 62.4 45.8 68.8

Manual Integrations

APPROVED

MMDadoda

7/1/2020 11:04:30 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

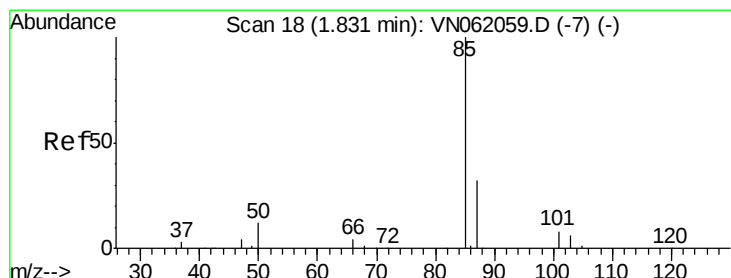
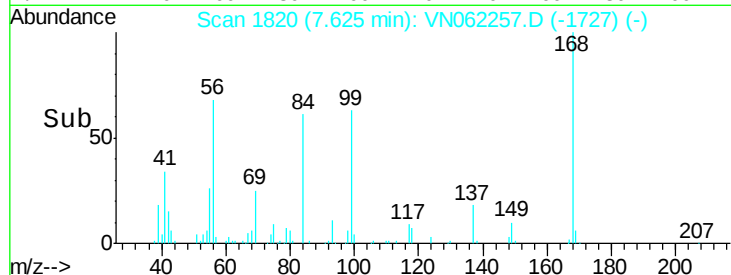
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20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.339 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062257.D

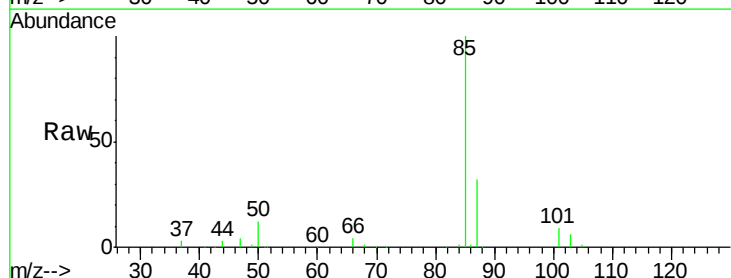
Acq: 30 Jun 2020 22:40

Tgt Ion: 85 Resp: 108885

Ion Ratio Lower Upper

85 100

87 32.3 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

60000

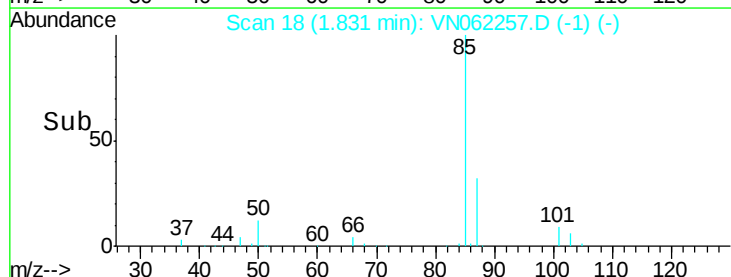
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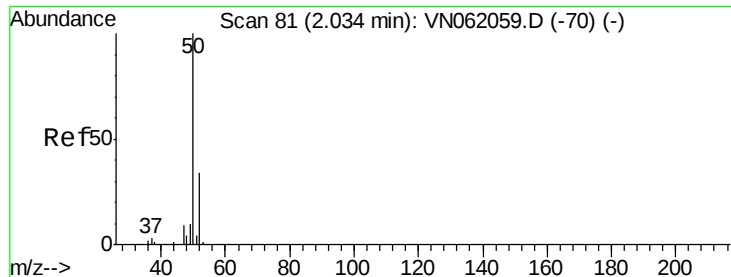
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1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 51.350 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 145082

Ion Ratio Lower Upper

50 100

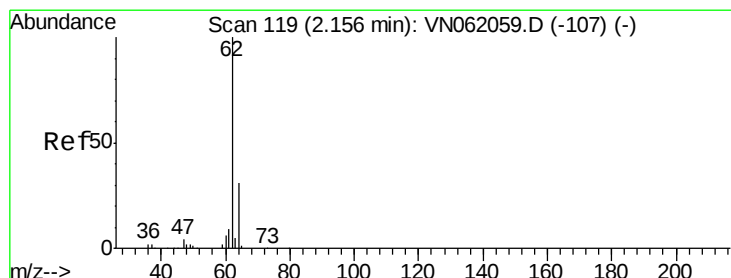
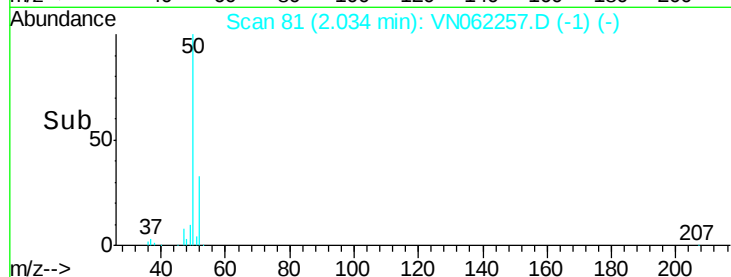
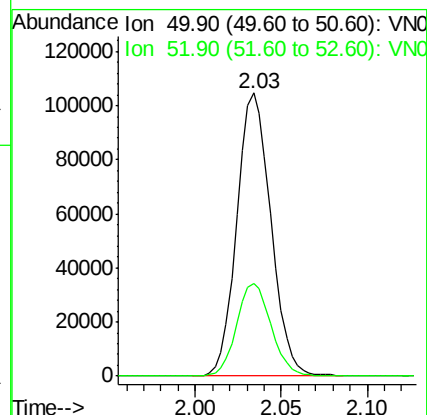
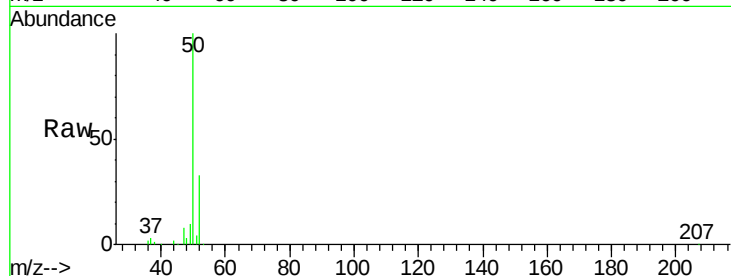
52 32.8 27.0 40.6

Manual Integrations

APPROVED

MMDadoda

7/1/2020 11:04:30 AM



#4

Vinyl Chloride

Concen: 46.119 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062257.D

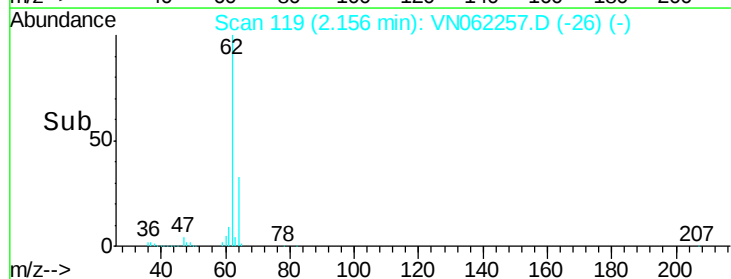
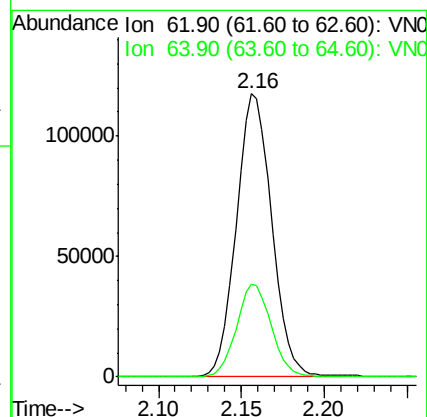
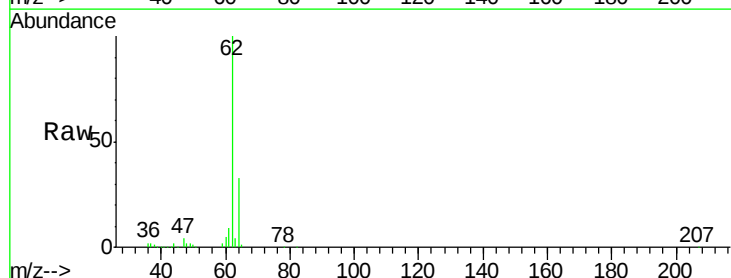
Acq: 30 Jun 2020 22:40

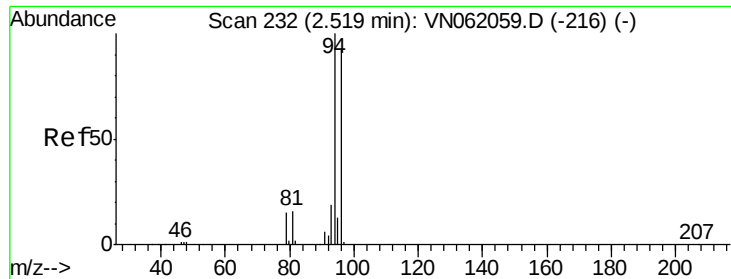
Tgt Ion: 62 Resp: 174424

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7





#5

Bromomethane

Concen: 41.877 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 102359

Ion Ratio Lower Upper

94 100

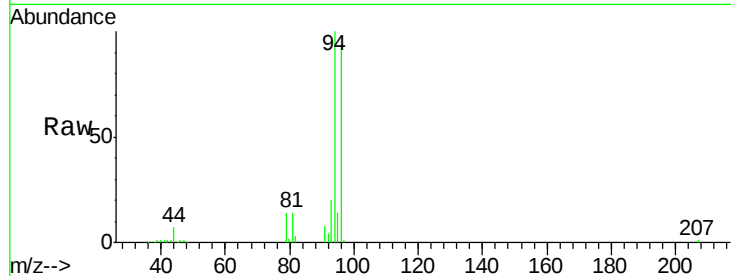
96 93.6 73.4 110.2

Manual Integrations

APPROVED

MMDadoda

7/1/2020 11:04:30 AM

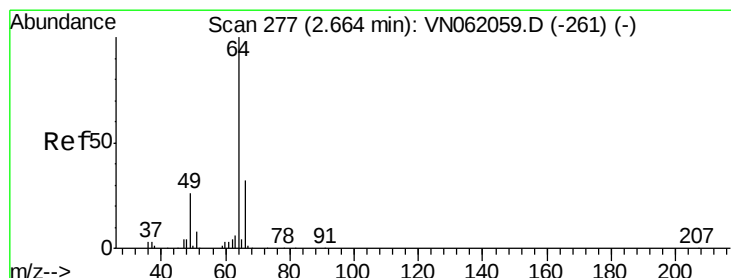
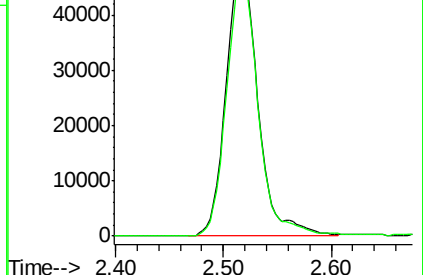
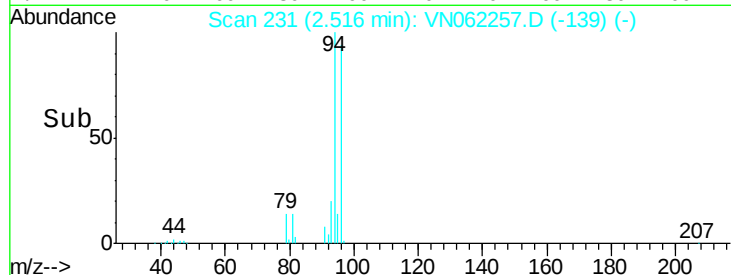


Abundance Ion 93.90 (93.60 to 94.60): VN062257.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062257.D (-139) (-)

2.52

Time-->



#6

Chloroethane

Concen: 47.963 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062257.D

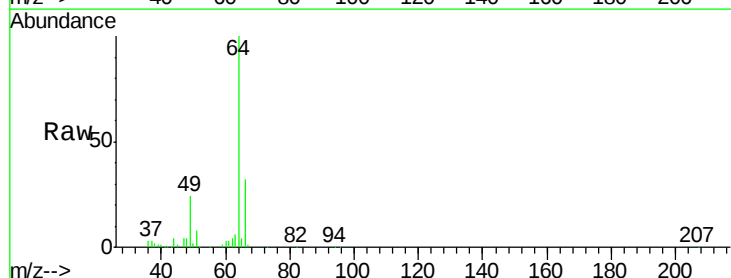
Acq: 30 Jun 2020 22:40

Tgt Ion: 64 Resp: 123914

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.6

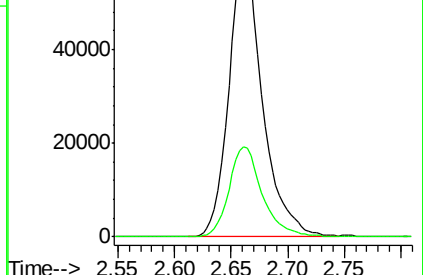
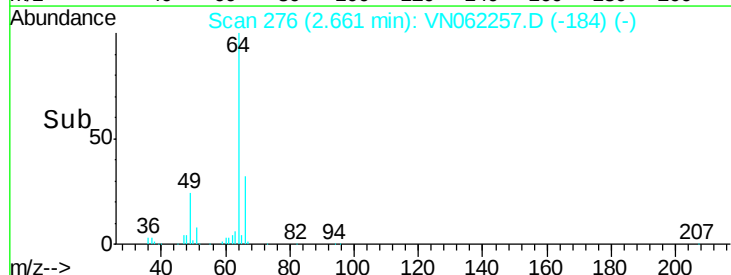


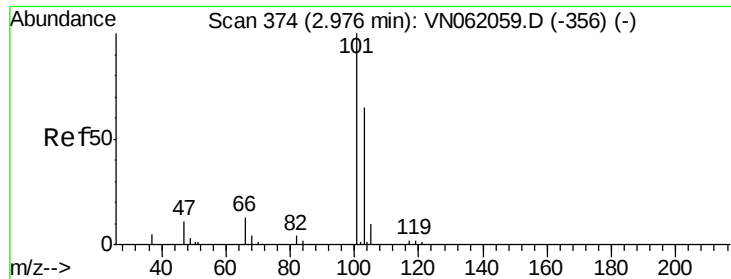
Abundance Ion 63.90 (63.60 to 64.60): VN062257.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062257.D (-184) (-)

2.66

Time-->





#7

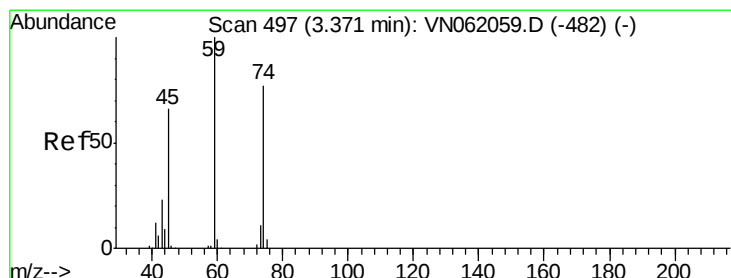
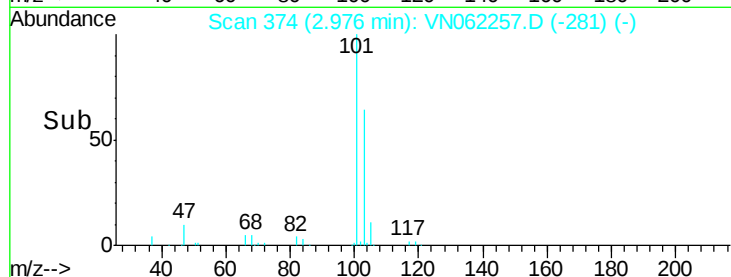
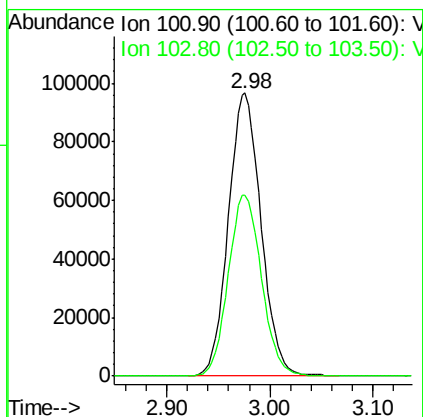
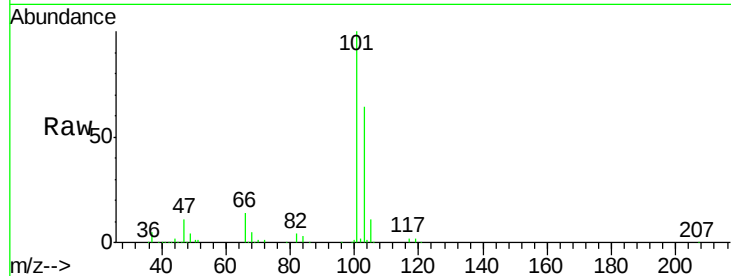
Trichlorofluoromethane  
Concen: 45.764 ug/l  
RT: 2.98 min Scan# 374  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.0  | 51.8  | 77.6  |

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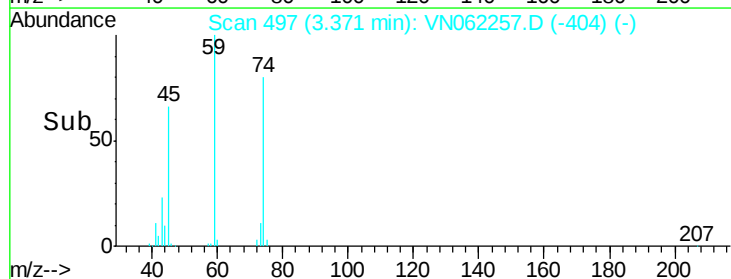
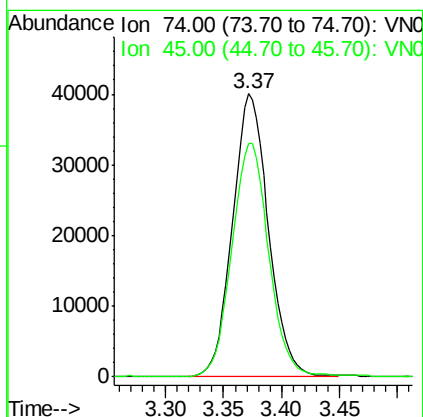
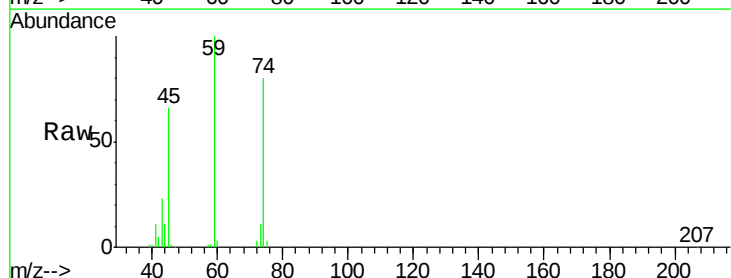
MMDadoda  
7/1/2020 11:04:30 AM

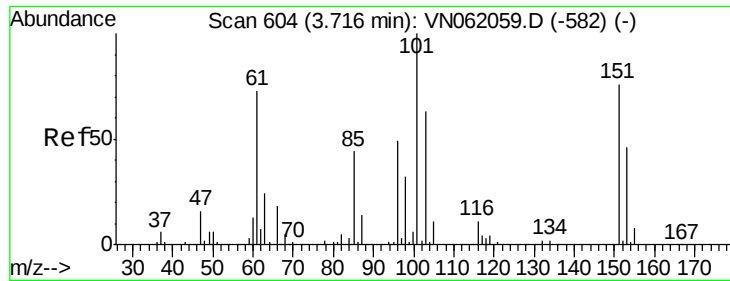


#8

Diethyl Ether  
Concen: 52.760 ug/l  
RT: 3.37 min Scan# 497  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 85.1  | 42.5  | 127.5 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.029 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

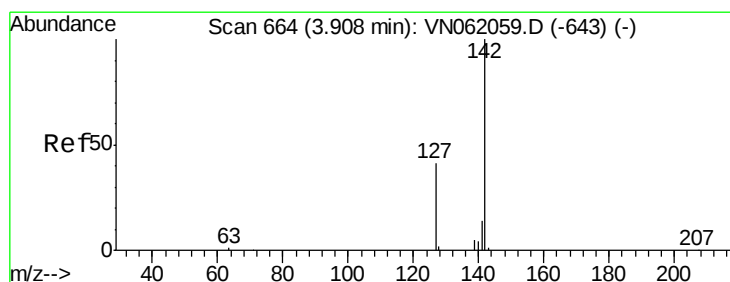
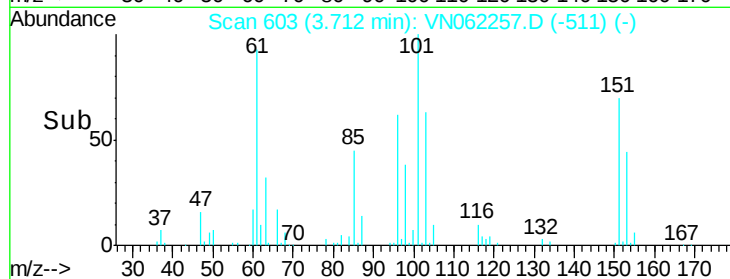
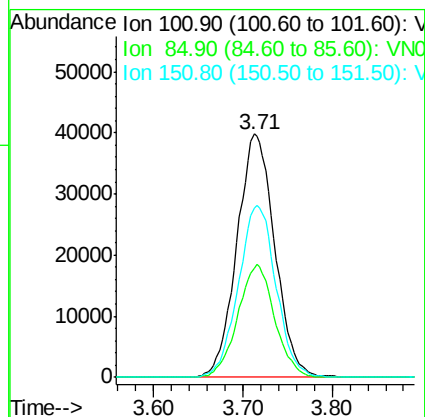
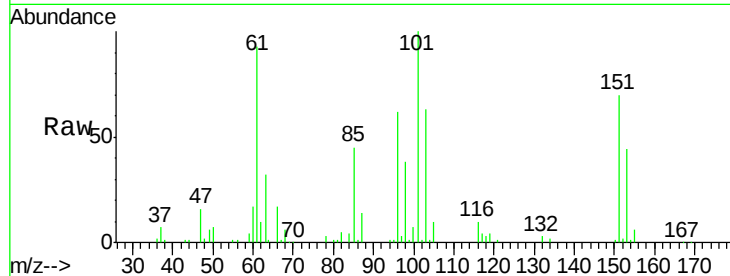
ClientSampled :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 117210 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 45.0  | 34.5  | 51.7   |
| 151       | 70.1  | 57.8  | 86.8   |

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#10

Methyl Iodide

Concen: 45.963 ug/l

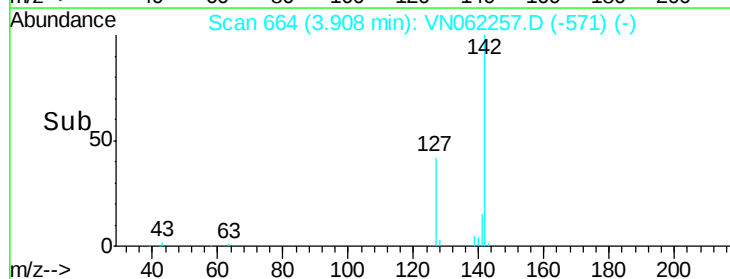
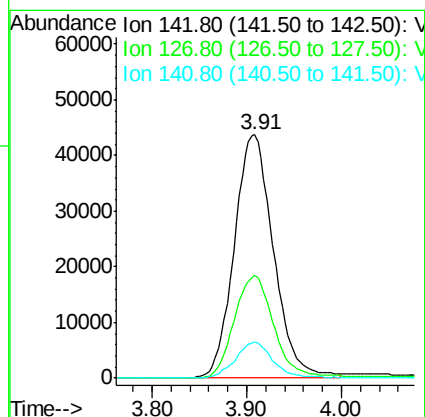
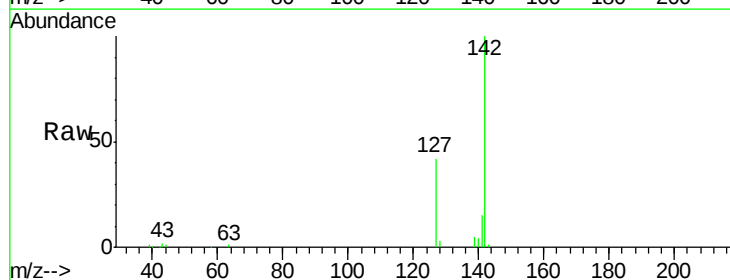
RT: 3.91 min Scan# 664

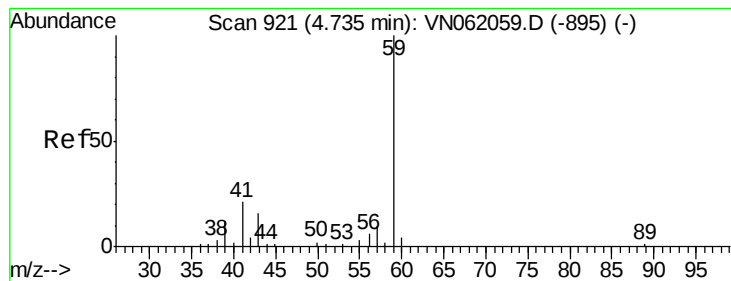
Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 126325 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.1  | 33.6  | 50.4   |
| 141       | 14.2  | 11.3  | 16.9   |





#11

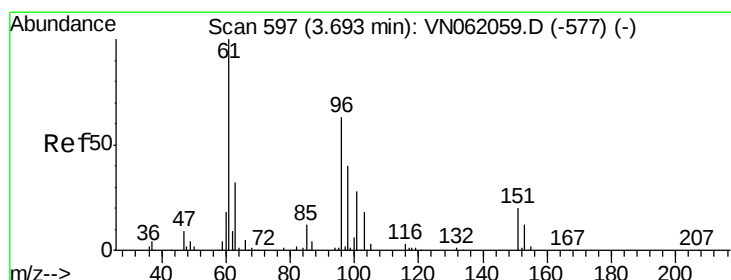
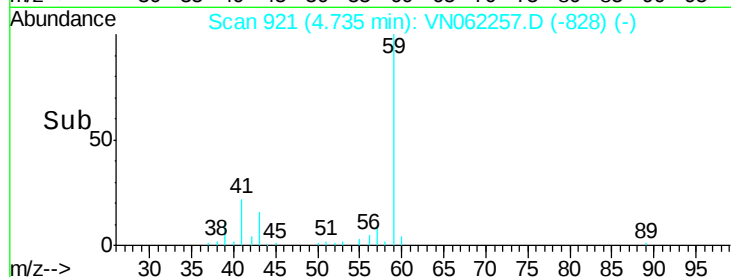
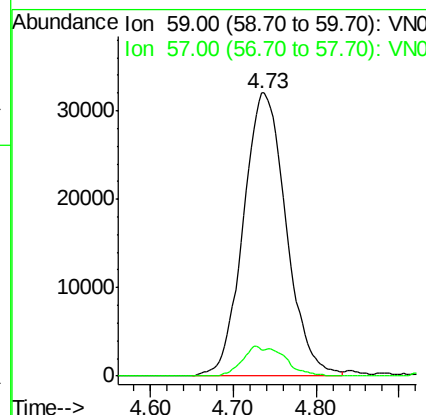
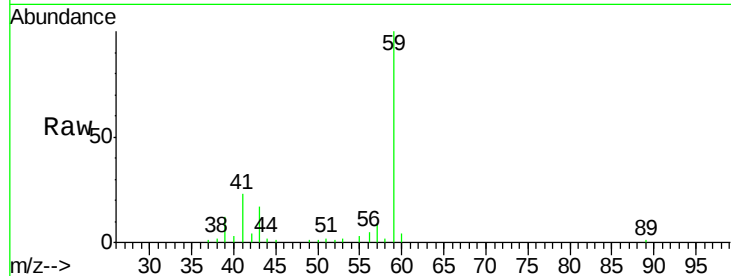
Tert butyl alcohol  
Concen: 268.659 ug/l  
RT: 4.73 min Scan# 921  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 59      | 100   | 115012 |       |       |
| 57      | 5.4   | 8.3    | 12.5# |       |

Manual Integrations  
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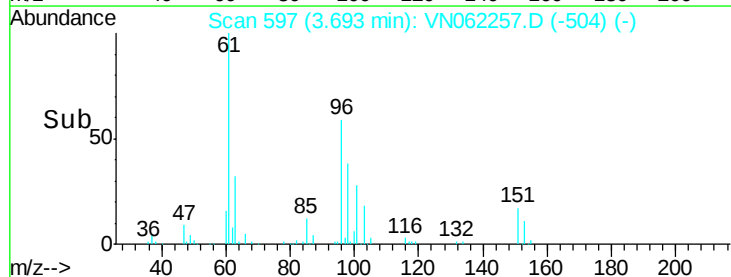
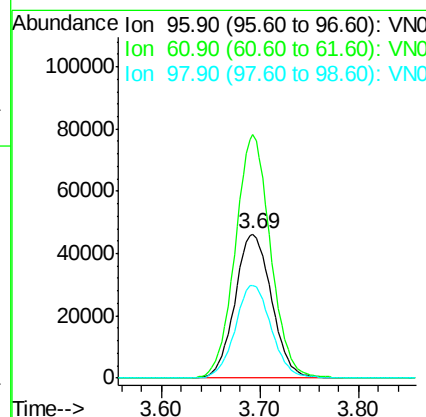
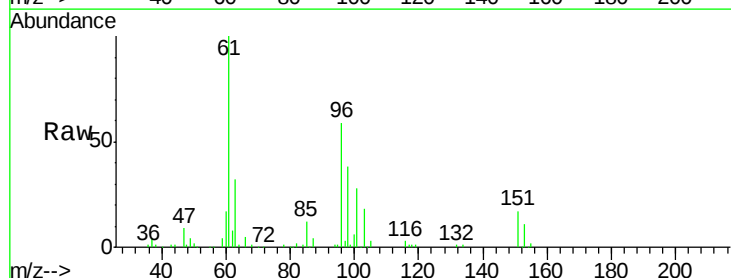
MMDadoda  
7/1/2020 11:04:30 AM

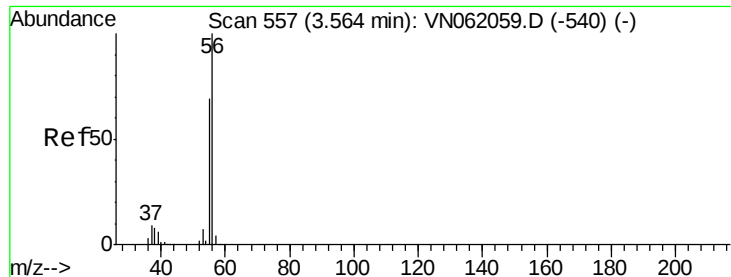


#12

1,1-Dichloroethene  
Concen: 48.953 ug/l  
RT: 3.69 min Scan# 597  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 119429 |       |       |
| 61      | 168.9 | 126.7  | 190.1 |       |
| 98      | 64.6  | 51.0   | 76.4  |       |





#13

Acrolein

Concen: 271.974 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 113993

Ion Ratio Lower Upper

56 100

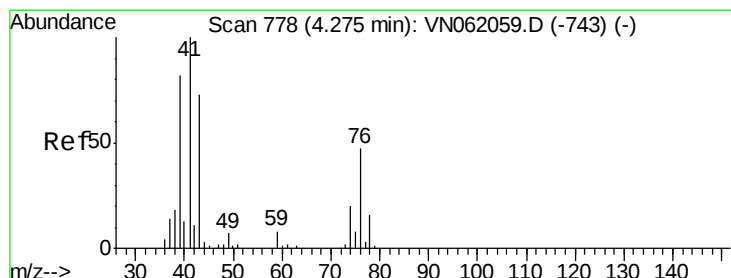
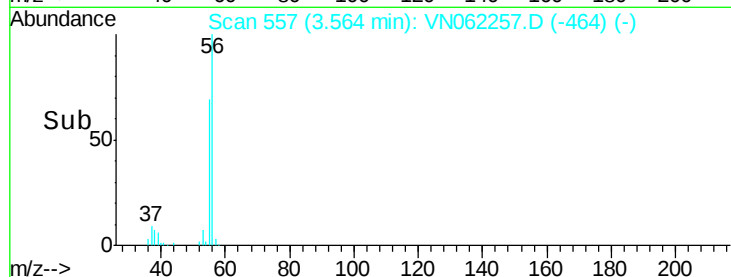
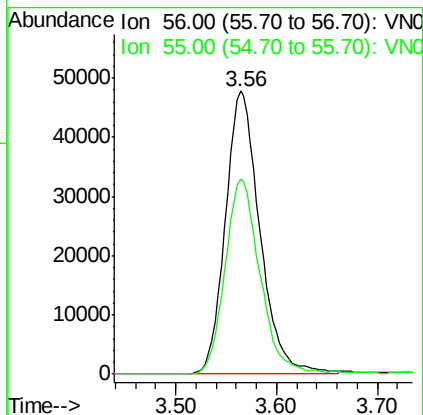
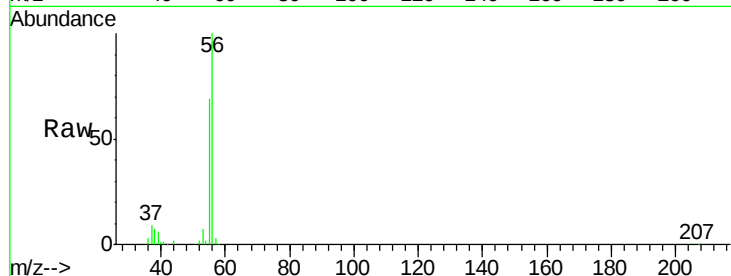
55 68.8 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 52.938 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

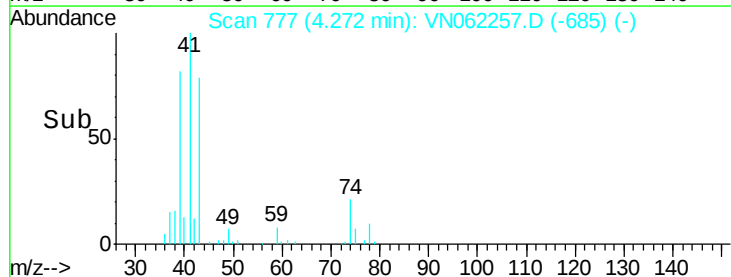
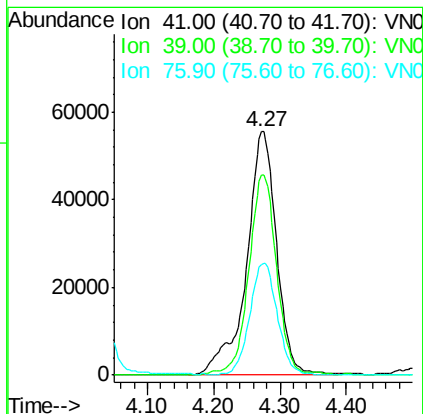
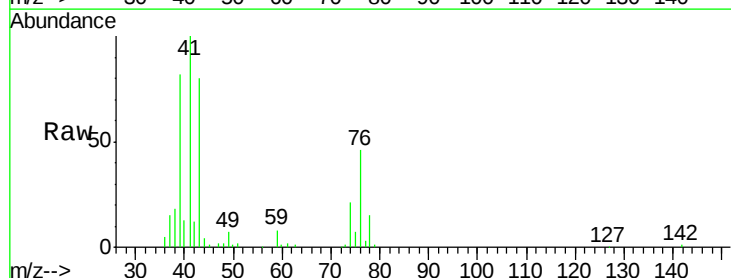
Tgt Ion: 41 Resp: 175837

Ion Ratio Lower Upper

41 100

39 75.6 60.0 90.0

76 41.9 34.1 51.1





#15

Acrylonitrile

Concen: 285.855 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

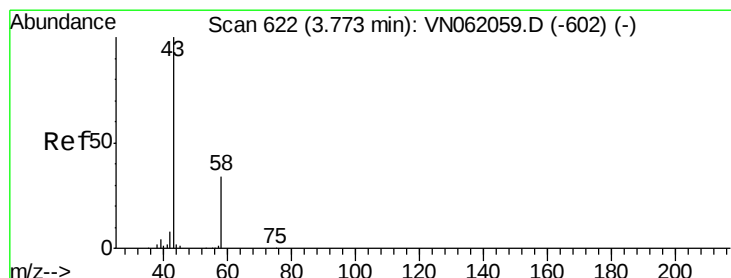
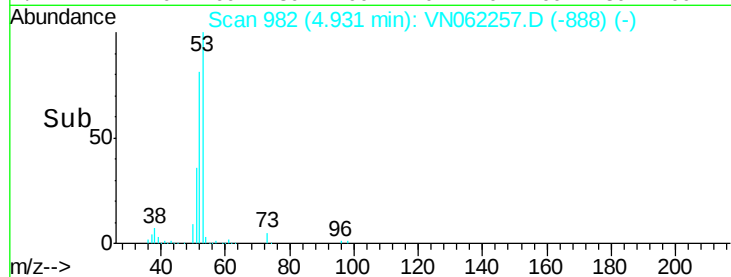
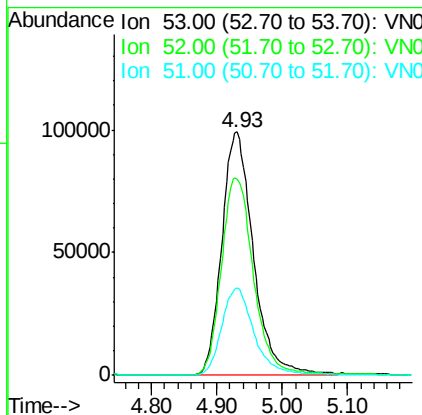
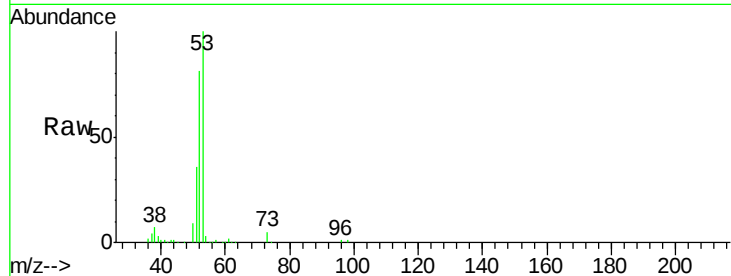
ClientSampled :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 333473 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.7  | 66.2  | 99.4   |
| 51       | 36.6  | 28.9  | 43.3   |

Manual Integrations  
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#16

Acetone

Concen: 277.409 ug/l

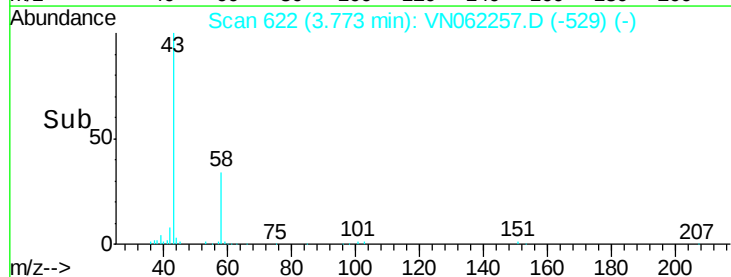
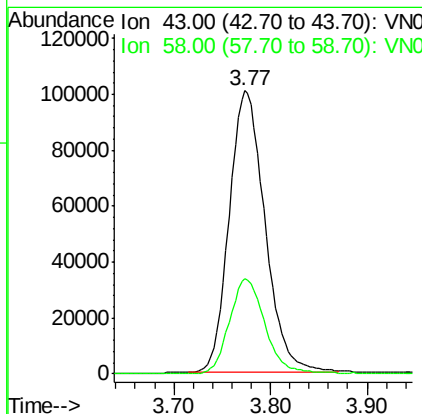
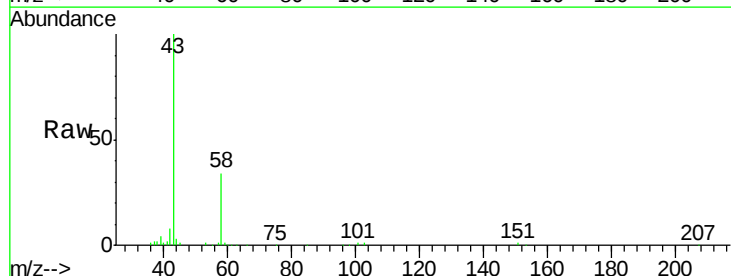
RT: 3.77 min Scan# 622

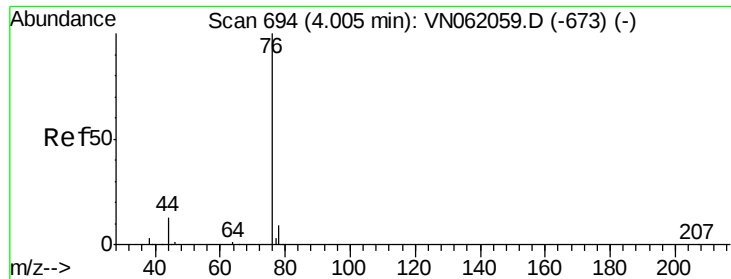
Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 259210 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 33.9  | 27.5  | 41.3   |





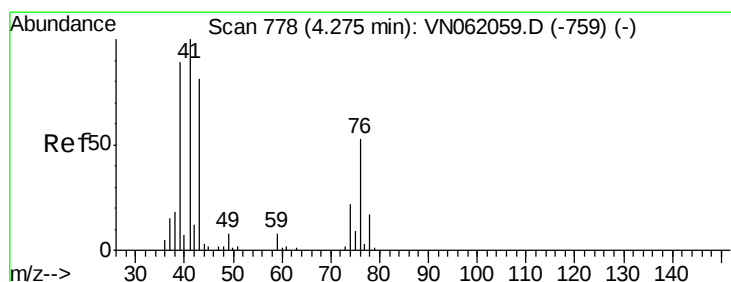
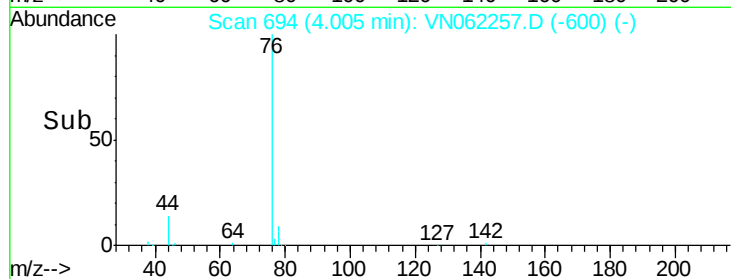
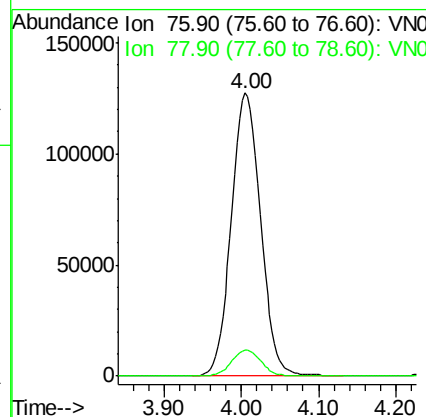
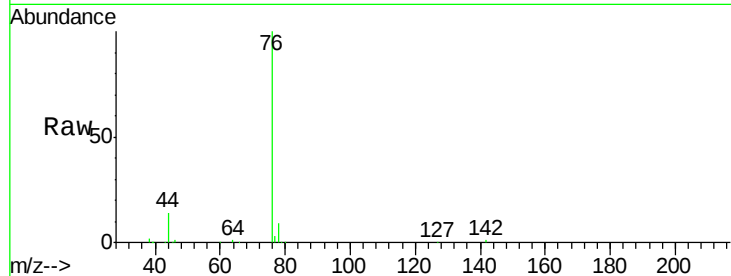
#17  
Carbon Disulfide  
Concen: 47.920 ug/l  
RT: 4.00 min Scan# 694  
Delta R.T. 0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.3   | 7.2   | 10.8  |

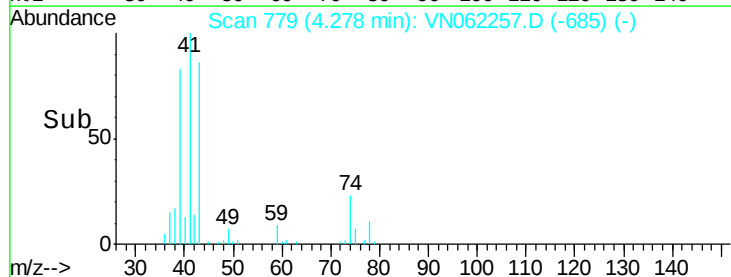
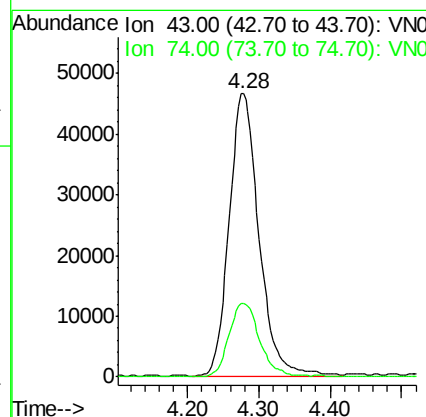
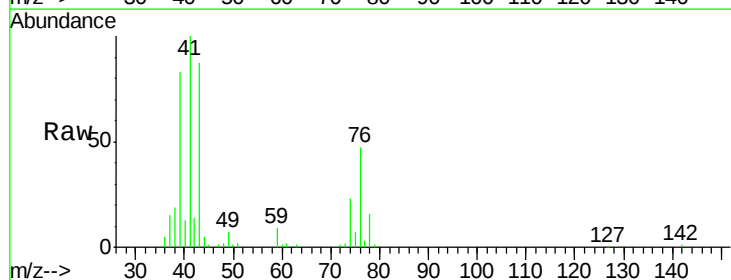
Manual Integrations  
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#18  
Methyl Acetate  
Concen: 57.845 ug/l  
RT: 4.28 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 26.7  | 22.9  | 34.3  |





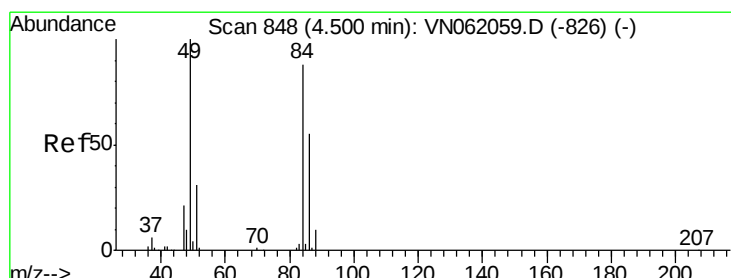
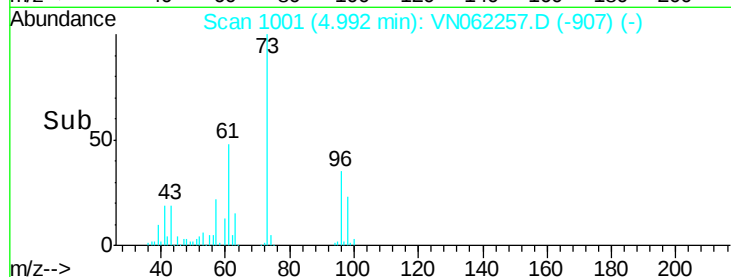
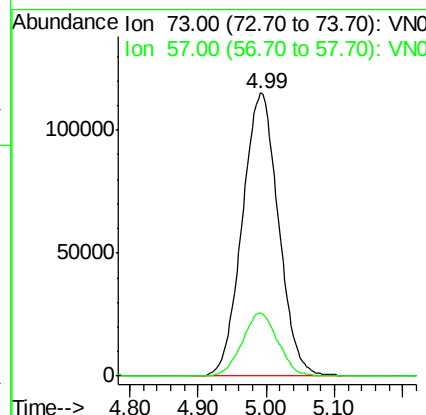
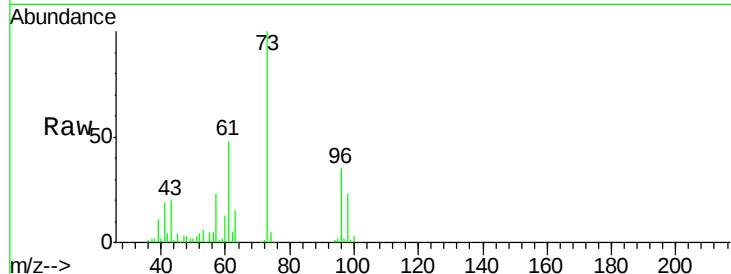
#19  
Methvl tert-butvl Ether  
Concen: 54.452 ug/l  
RT: 4.99 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

Tot Ion: 73 Resp: 424490  
Ion Ratio Lower Upper  
73 100  
57 22.5 16.6 24.8

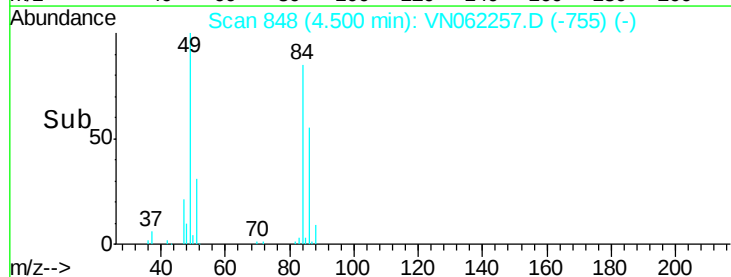
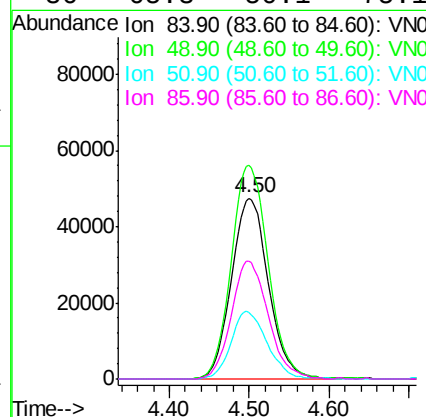
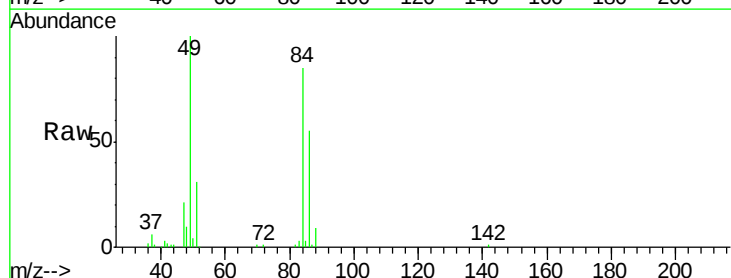
Manual Integrations  
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#20  
Methylene Chloride  
Concen: 54.460 ug/l  
RT: 4.50 min Scan# 848  
Delta R.T. 0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Tgt Ion: 84 Resp: 149010  
Ion Ratio Lower Upper  
84 100  
49 118.0 90.6 136.0  
51 36.8 27.8 41.8  
86 65.3 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 49.387 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

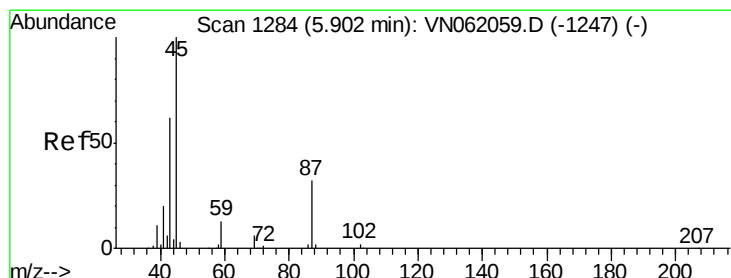
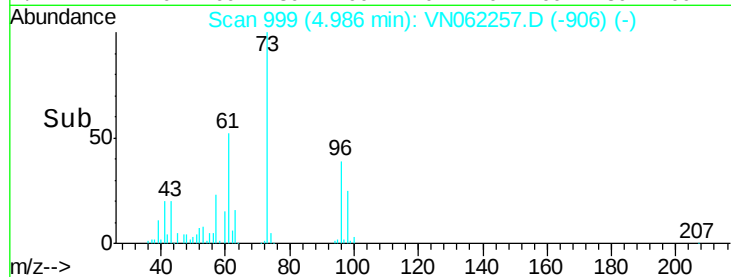
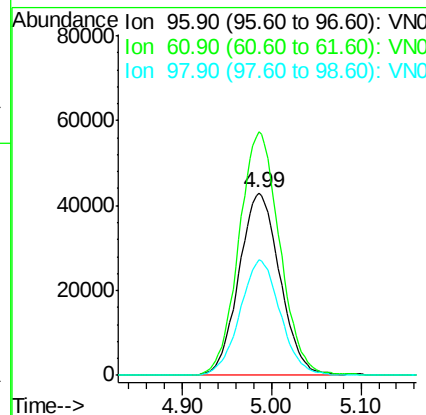
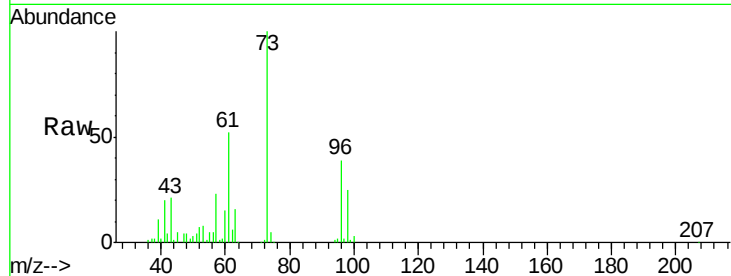
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 137259 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 133.6 | 101.4 | 152.2  |
| 98       | 63.2  | 49.3  | 73.9   |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 55.680 ug/l

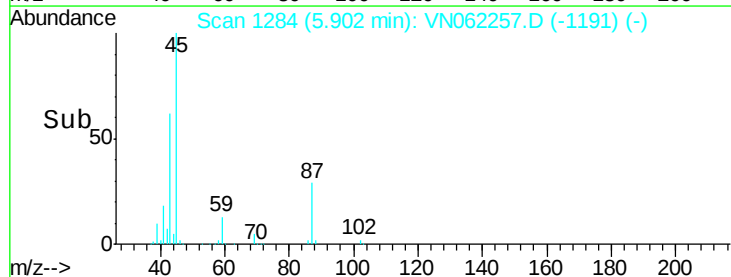
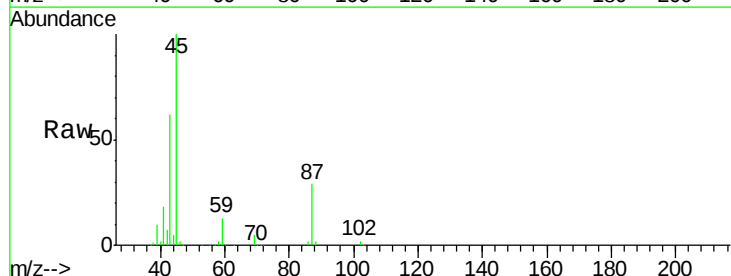
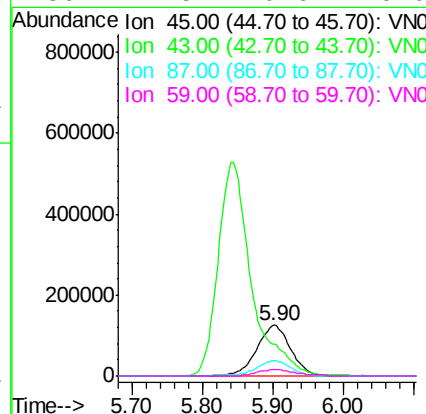
RT: 5.90 min Scan# 1284

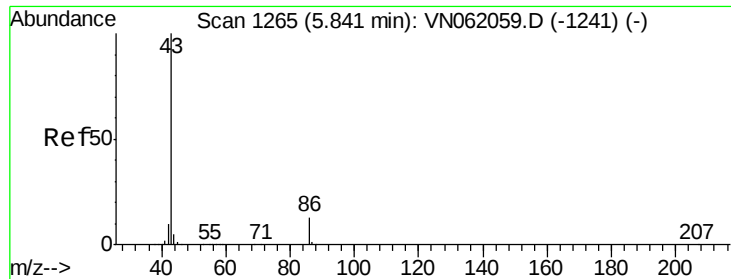
Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 421102 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 60.1  | 49.7  | 74.5   |
| 87       | 29.4  | 25.9  | 38.9   |
| 59       | 12.5  | 10.6  | 16.0   |





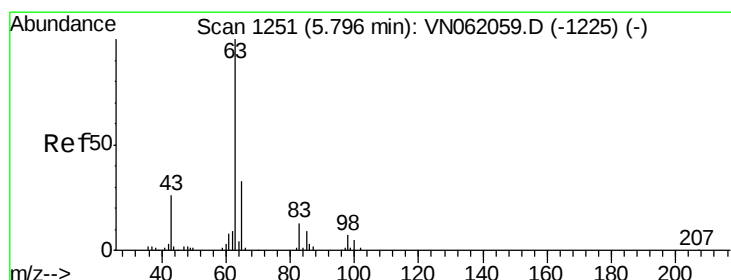
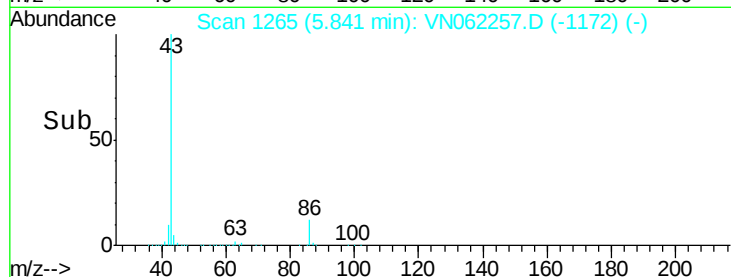
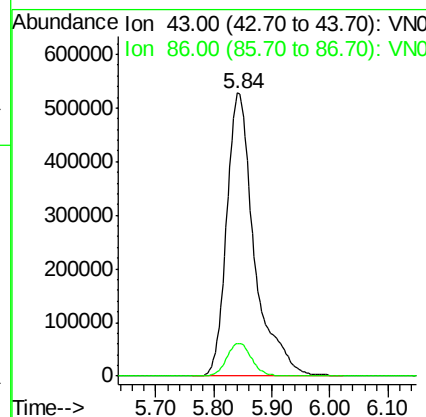
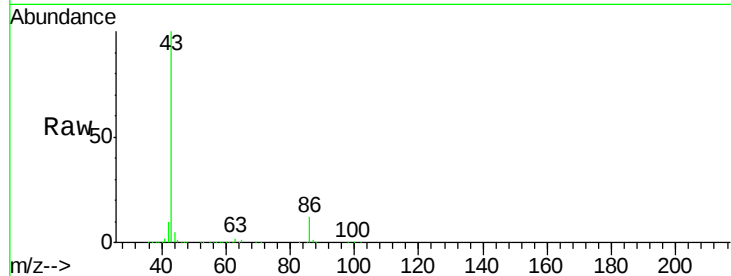
#23  
 Vinyl Acetate  
 Concen: 283.810 ug/l  
 RT: 5.84 min Scan# 1265  
 Delta R.T. -0.00 min  
 Lab File: VN062257.D  
 Acq: 30 Jun 2020 22:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 43 Resp: 1752422  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 10.1 15.1

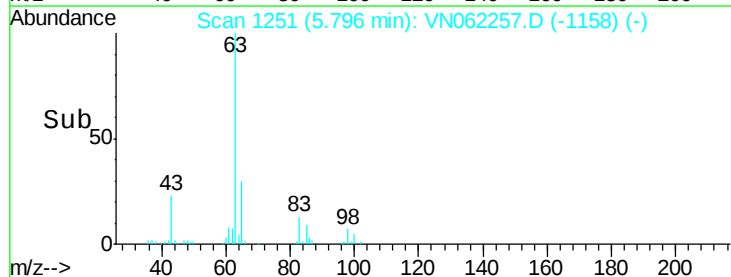
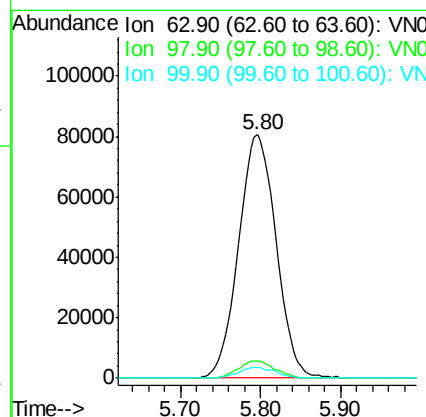
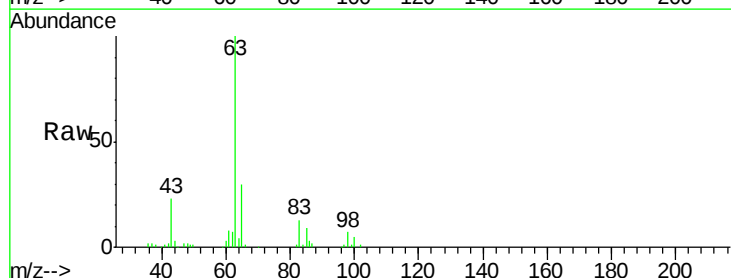
Manual Integrations  
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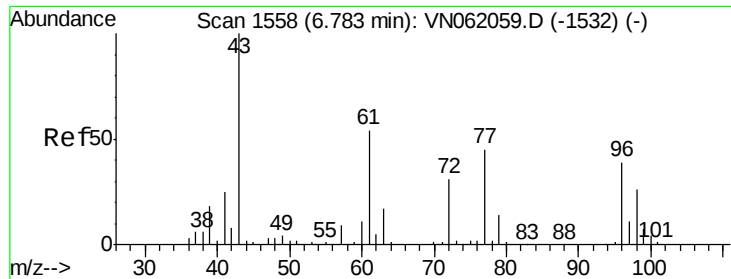
MMDadoda  
 7/1/2020 11:04:30 AM



#24  
 1,1-Dichloroethane  
 Concen: 52.702 ug/l  
 RT: 5.80 min Scan# 1251  
 Delta R.T. -0.00 min  
 Lab File: VN062257.D  
 Acq: 30 Jun 2020 22:40

Tgt Ion: 63 Resp: 256661  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.6 10.9  
 100 4.5 2.4 7.1





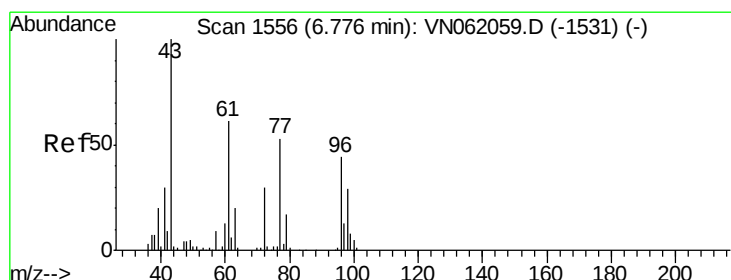
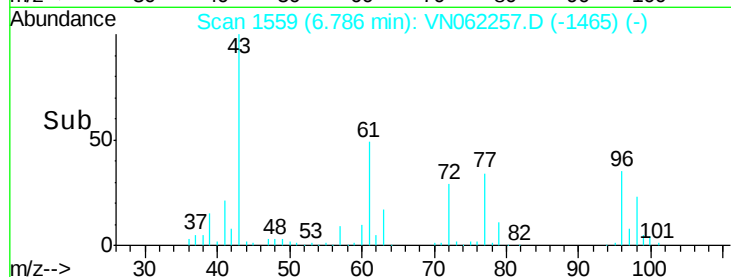
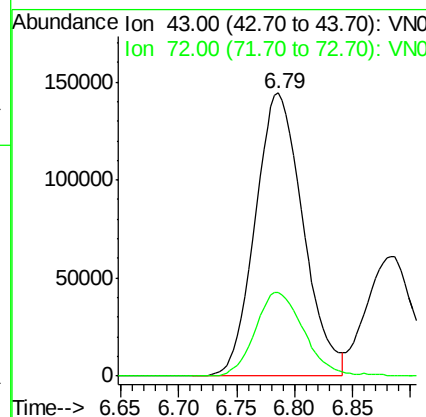
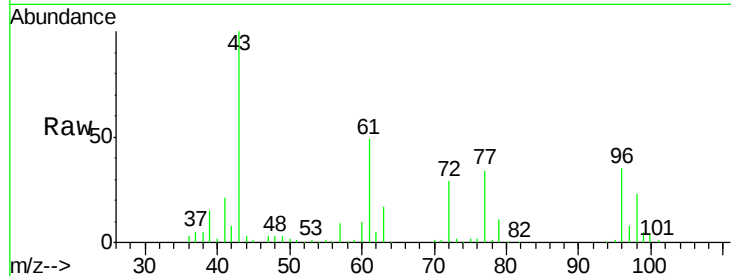
#25  
2-Butanone  
Concen: 283.967 ug/l  
RT: 6.79 min Scan# 1559  
Delta R.T. 0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 413850  
Ion Ratio Lower Upper  
43 100  
72 29.4 24.8 37.2

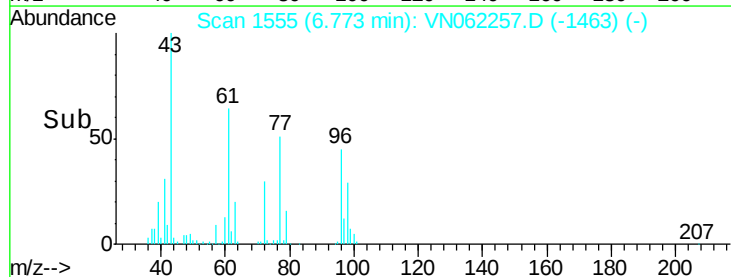
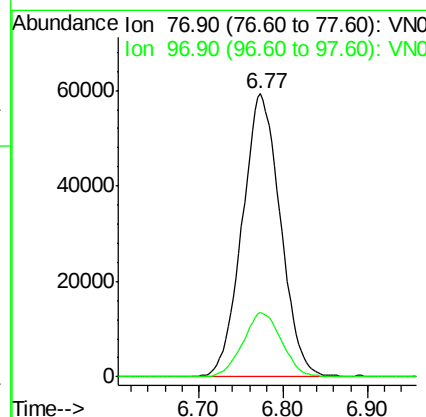
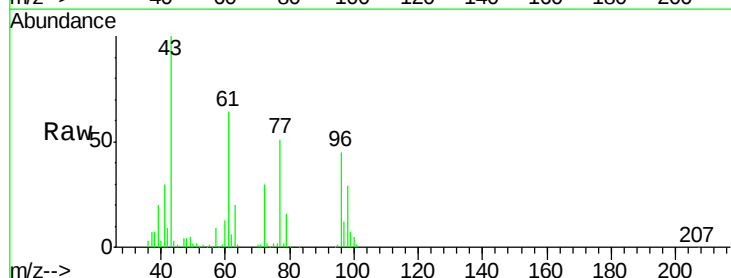
Manual Integrations  
APPROVED

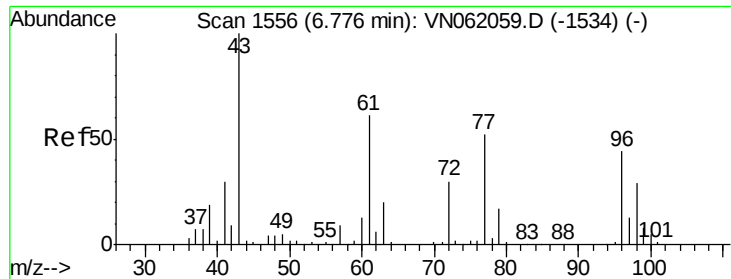
MMDadoda  
7/1/2020 11:04:30 AM



#26  
2,2-Dichloropropane  
Concen: 45.978 ug/l  
RT: 6.77 min Scan# 1555  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Tgt Ion: 77 Resp: 186592  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 51.080 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

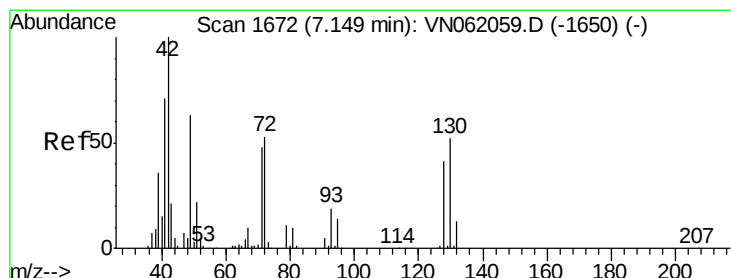
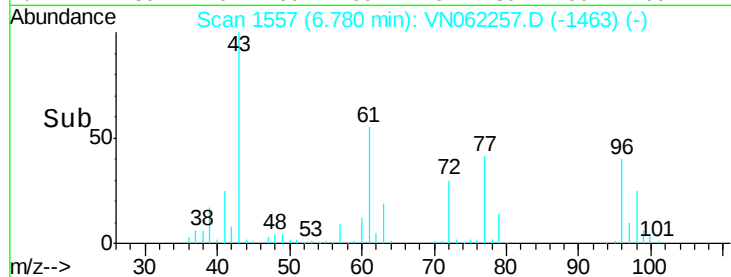
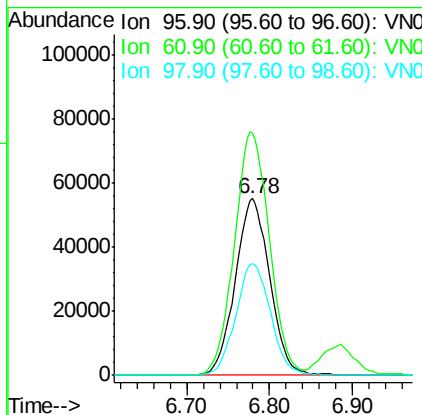
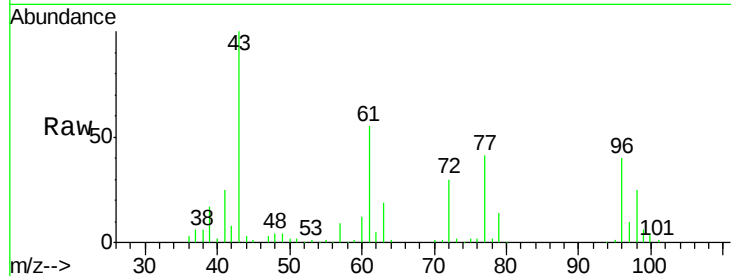
ClientSampled :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 159746 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 139.5 | 0.0   | 280.4  |
| 98       | 63.5  | 0.0   | 129.4  |

Manual Integrations  
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7/1/2020 11:04:30 AM



#28

Bromochloromethane

Concen: 51.338 ug/l

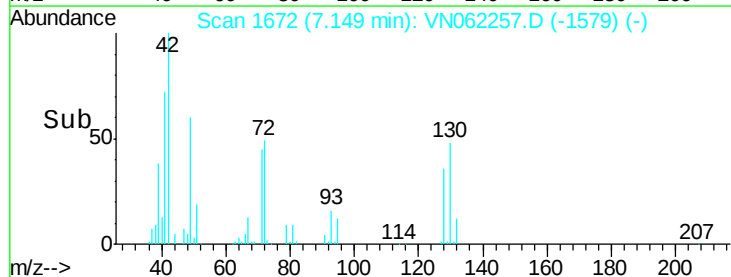
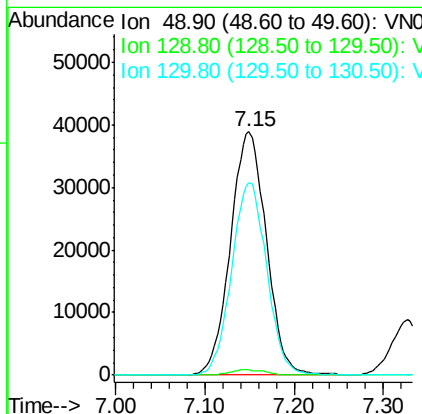
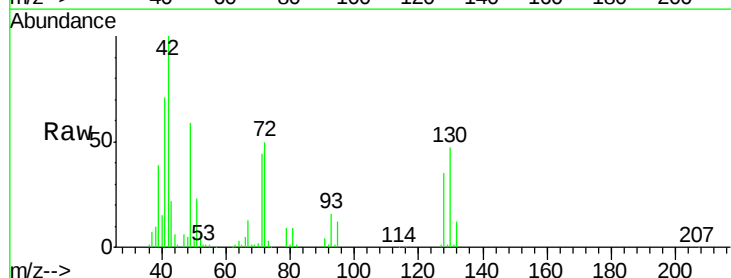
RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 108477 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 2.0   | 0.0   | 4.4    |
| 130      | 77.1  | 65.5  | 98.3   |





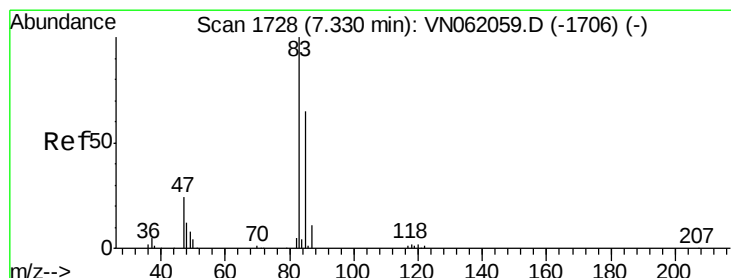
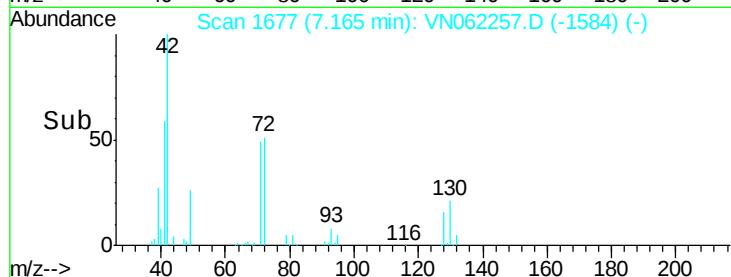
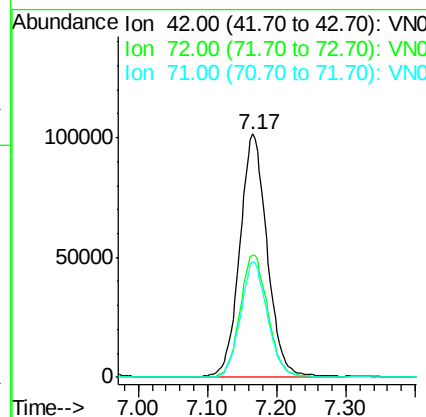
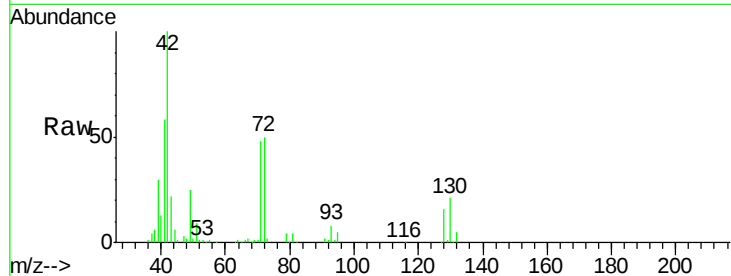
#29  
Tetrahydrofuran  
Concen: 291.634 ug/l  
RT: 7.17 min Scan# 1677  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 51.3  | 41.1  | 61.7  |
| 71      | 47.2  | 38.2  | 57.4  |

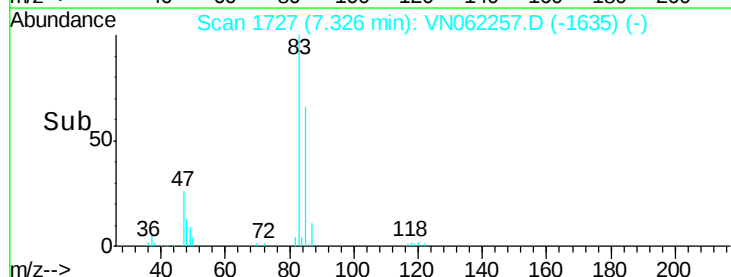
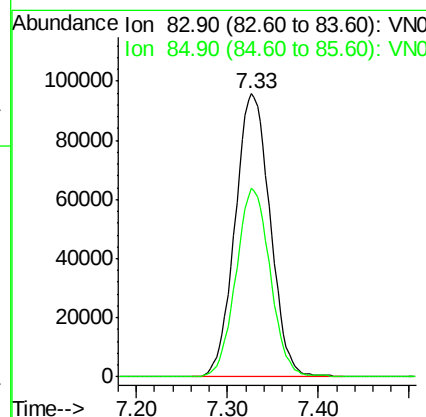
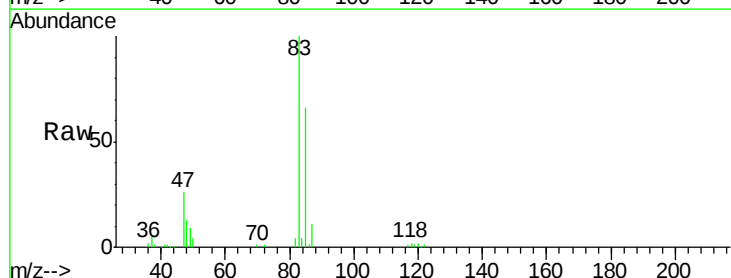
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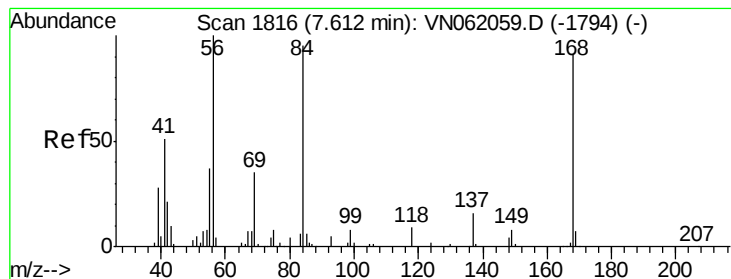
MMDadoda  
7/1/2020 11:04:30 AM



#30  
Chloroform  
Concen: 51.680 ug/l  
RT: 7.33 min Scan# 1727  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.4  | 52.3  | 78.5  |





#31

Cyclohexane

Concen: 50.533 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

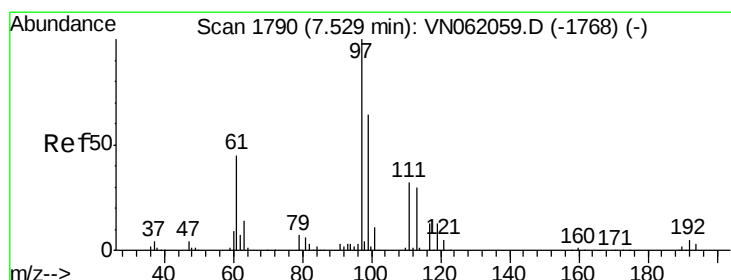
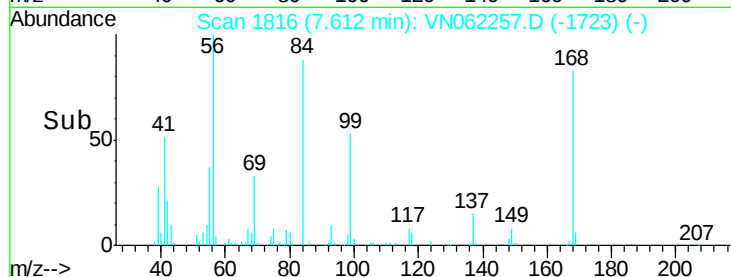
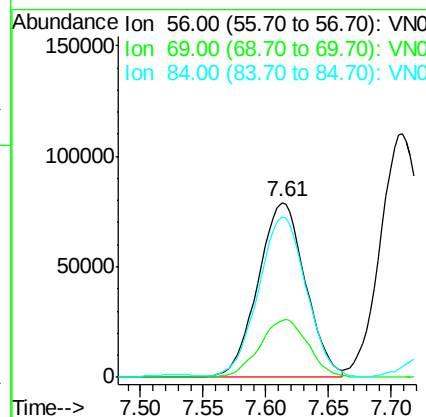
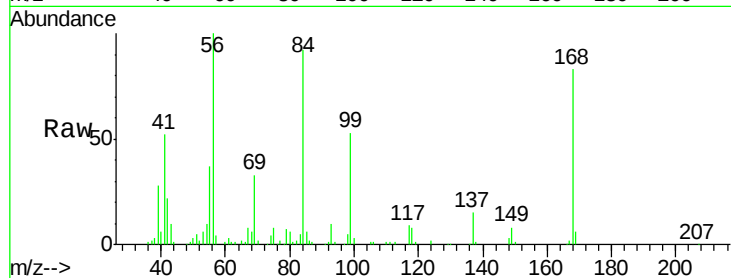
ClientSampled :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.6  | 28.0  | 42.0  |
| 84      | 90.6  | 76.1  | 114.1 |

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#32

1,1,1-Trichloroethane

Concen: 50.585 ug/l

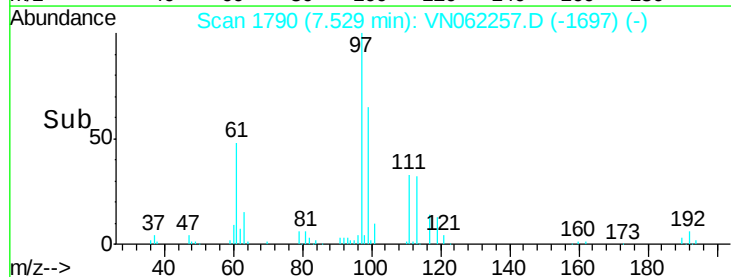
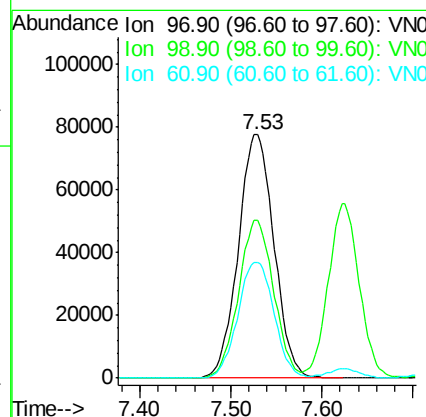
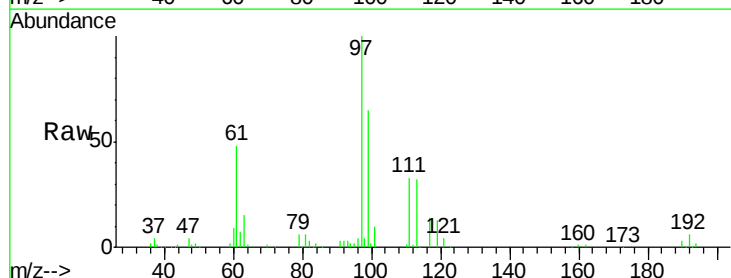
RT: 7.53 min Scan# 1790

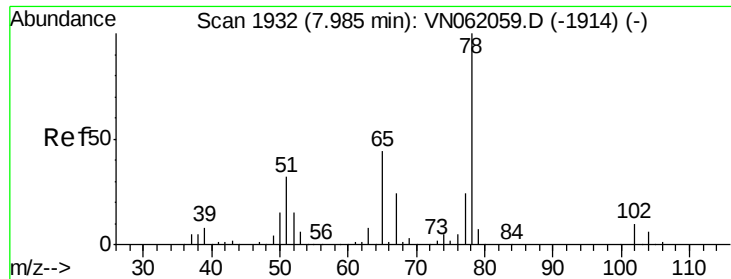
Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.8  | 51.0  | 76.4  |
| 61      | 48.4  | 36.2  | 54.2  |





#33

1,2-Dichloroethane-d4

Concen: 53.234 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 158724

Ion Ratio Lower Upper

65 100

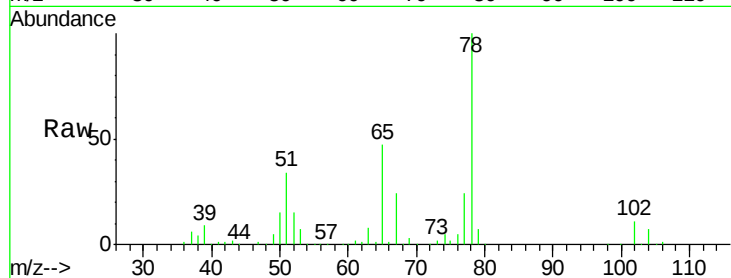
67 52.9 0.0 106.2

Manual Integrations

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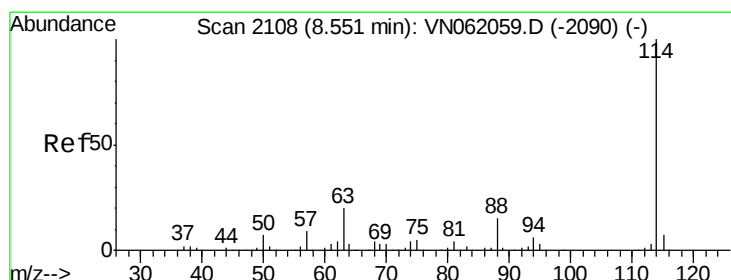
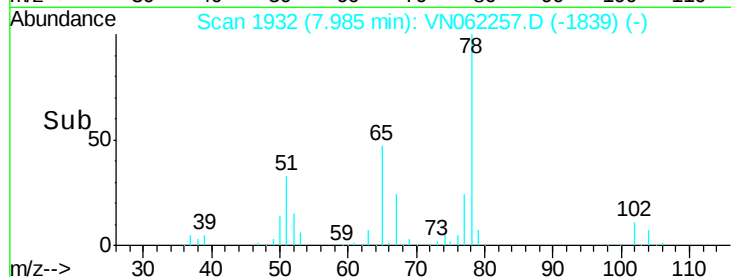
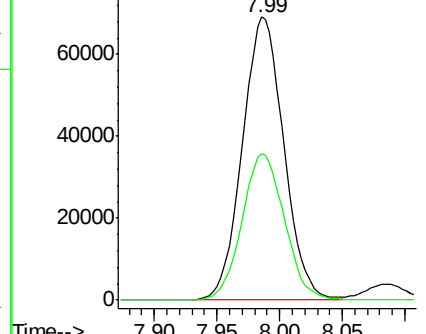
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Abundance Ion 64.90 (64.60 to 65.60): VN062257.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062257.D (-1839) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

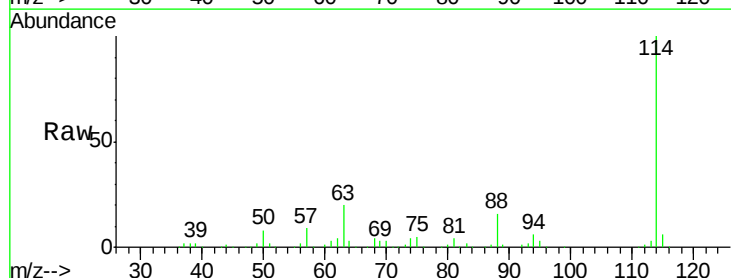
Tgt Ion: 114 Resp: 392790

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

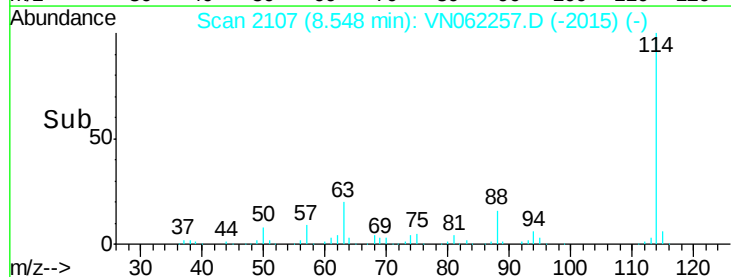
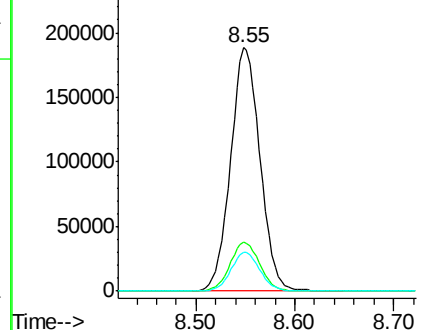
88 16.1 0.0 30.8

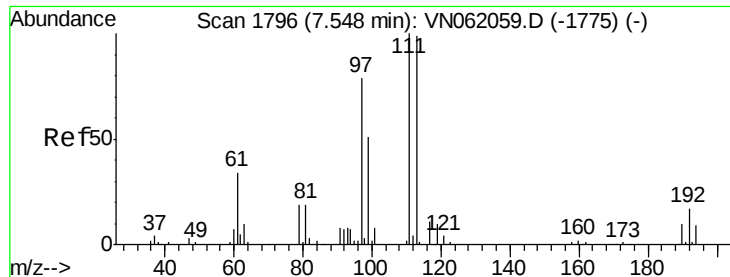


Abundance Ion 113.90 (113.60 to 114.60): VN062257.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062257.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062257.D (-2015) (-)





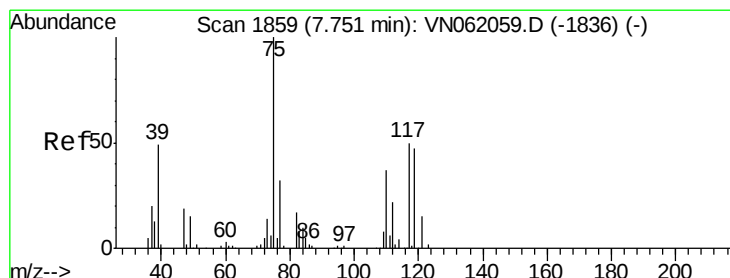
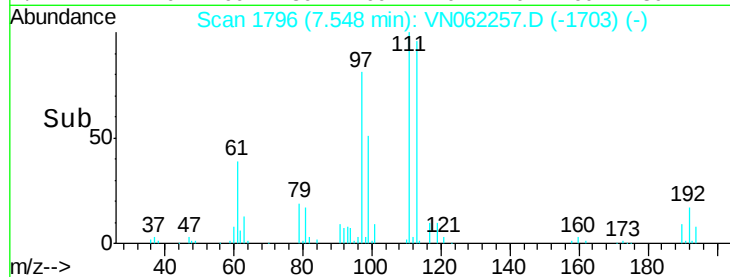
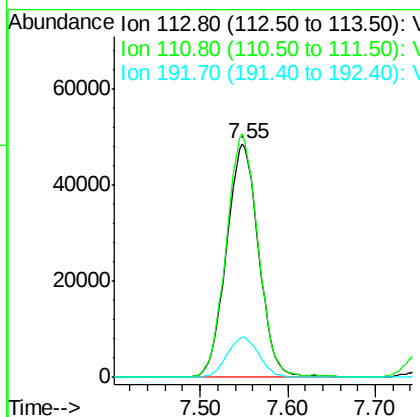
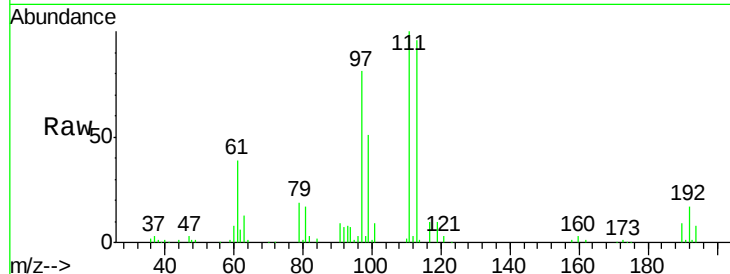
#35  
 Dibromofluoromethane  
 Concen: 49.282 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. -0.00 min  
 Lab File: VN062257.D  
 Acq: 30 Jun 2020 22:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 124187 |       |       |
| 111     | 103.0 | 82.2   | 123.4 |       |
| 192     | 17.1  | 14.0   | 21.0  |       |

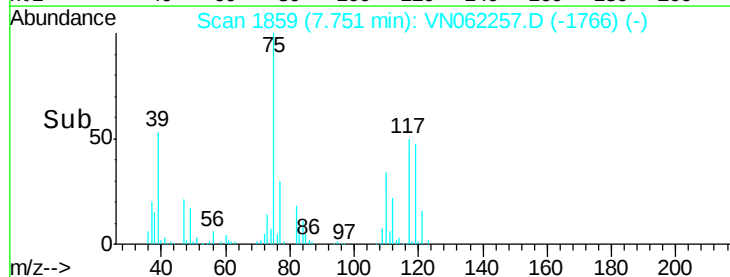
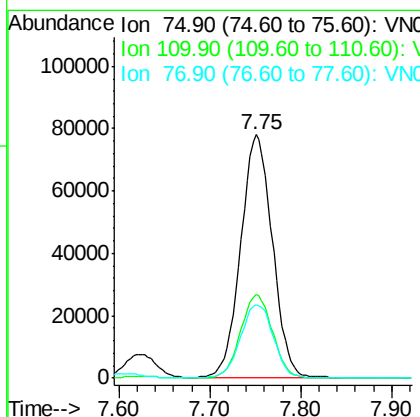
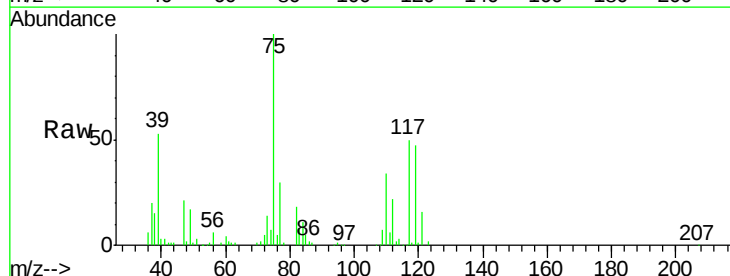
Manual Integrations  
 APPROVED

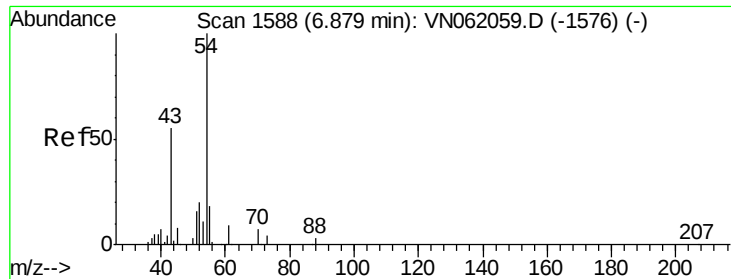
MMDadoda  
 7/1/2020 11:04:30 AM



#36  
 1,1-Dichloropropene  
 Concen: 47.796 ug/l  
 RT: 7.75 min Scan# 1859  
 Delta R.T. -0.00 min  
 Lab File: VN062257.D  
 Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 188705 |       |       |
| 110     | 34.3  | 17.9   | 53.8  |       |
| 77      | 31.5  | 24.9   | 37.3  |       |





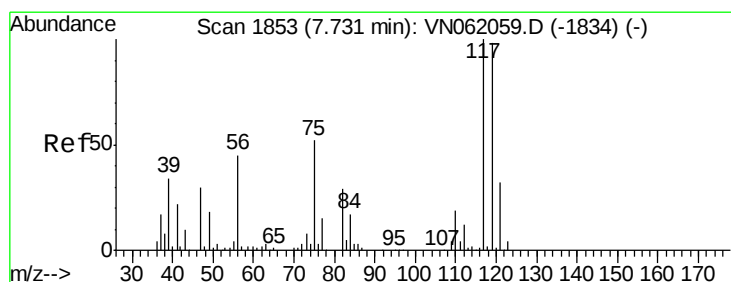
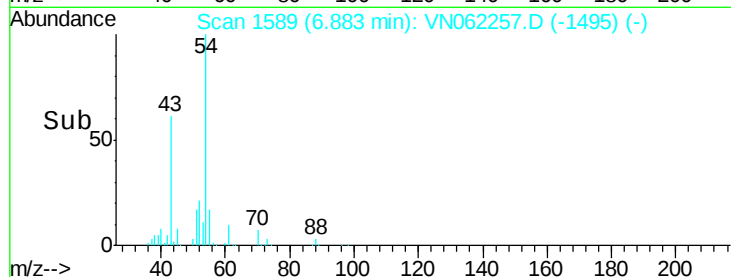
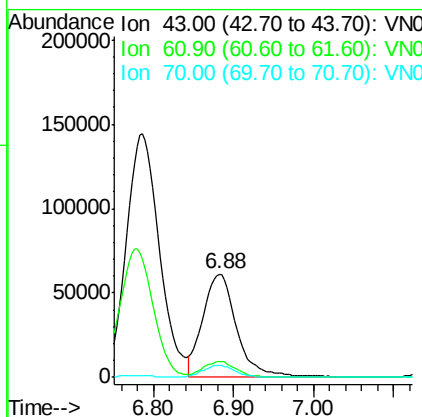
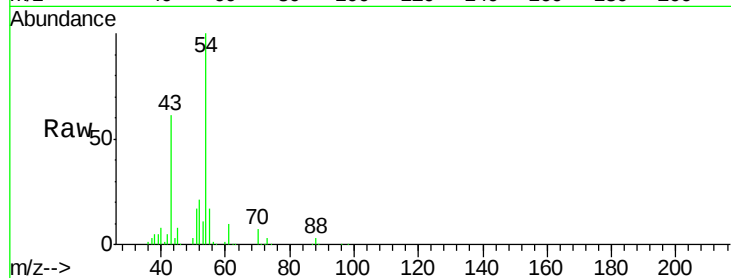
#37  
Ethyl Acetate  
Concen: 54.539 ug/l  
RT: 6.88 min Scan# 1589  
Delta R.T. 0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.4  | 12.0  | 18.0  |
| 70      | 11.2  | 9.6   | 14.4  |

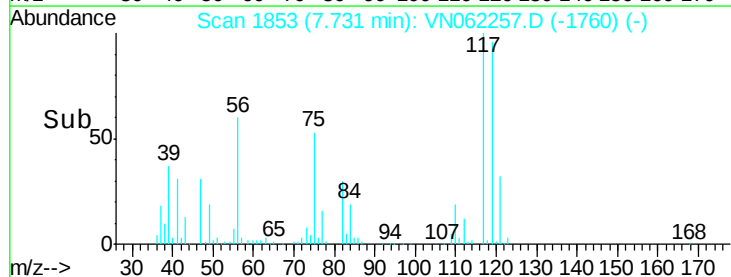
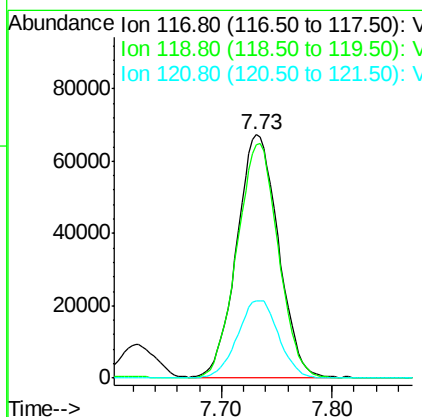
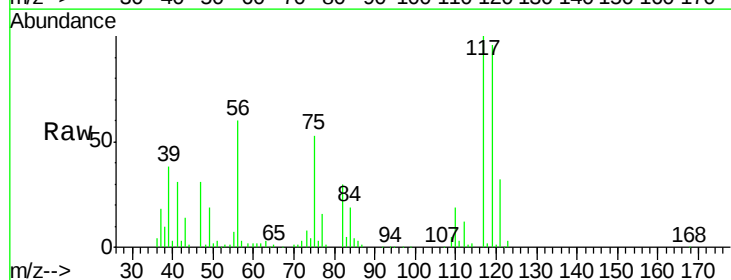
Manual Integrations  
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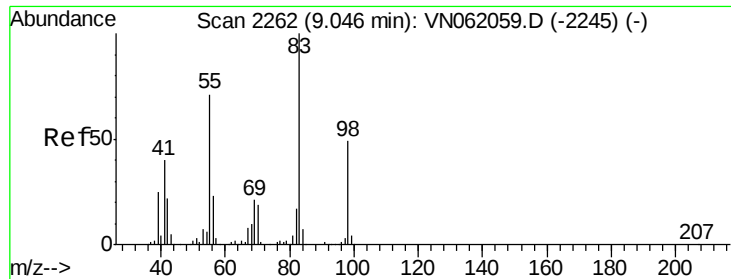
MMDadoda  
7/1/2020 11:04:30 AM



#38  
Carbon Tetrachloride  
Concen: 46.848 ug/l  
RT: 7.73 min Scan# 1853  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.4  | 78.2  | 117.2 |
| 121     | 31.8  | 25.8  | 38.6  |





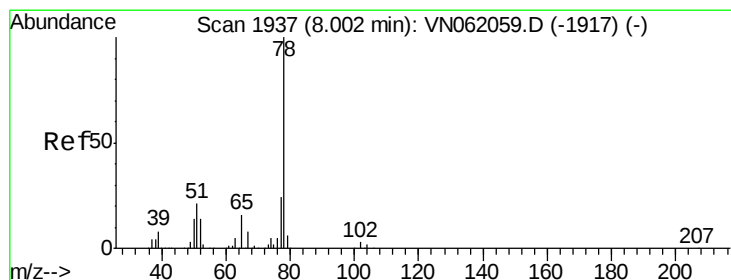
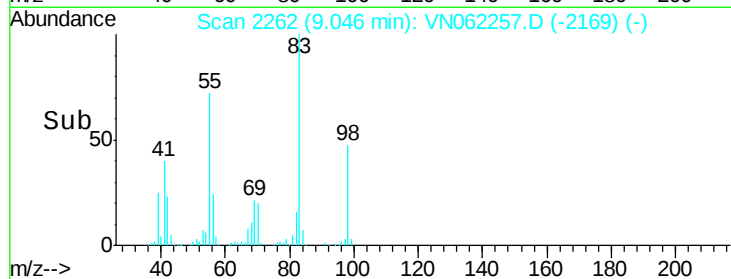
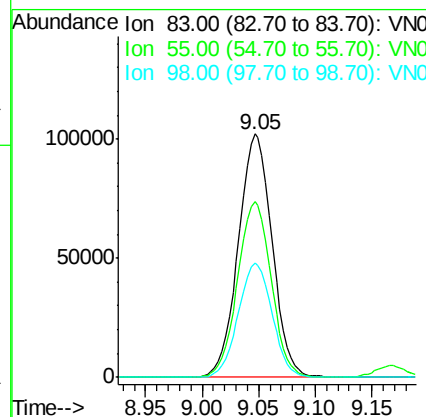
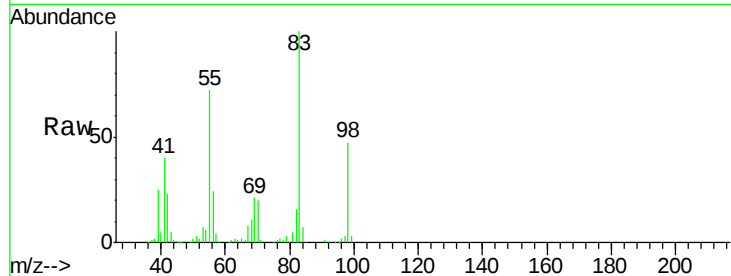
#39  
Methvlcvclohexane  
Concen: 49.104 ug/l  
RT: 9.05 min Scan# 2262  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 72.0  | 57.0  | 85.6  |
| 98      | 46.8  | 39.0  | 58.6  |

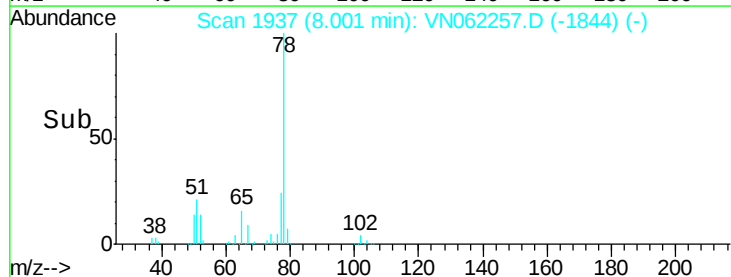
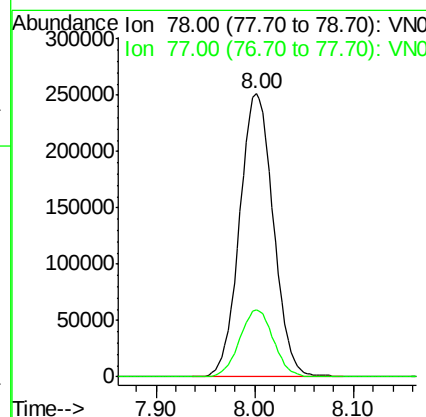
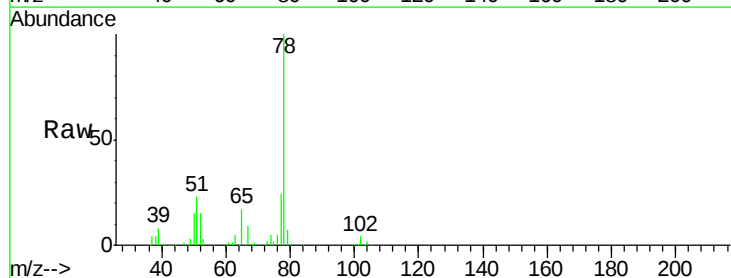
Manual Integrations  
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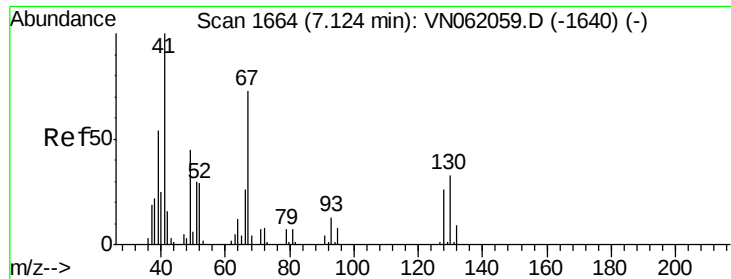
MMDadoda  
7/1/2020 11:04:30 AM



#40  
Benzene  
Concen: 49.535 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.8  | 19.5  | 29.3  |





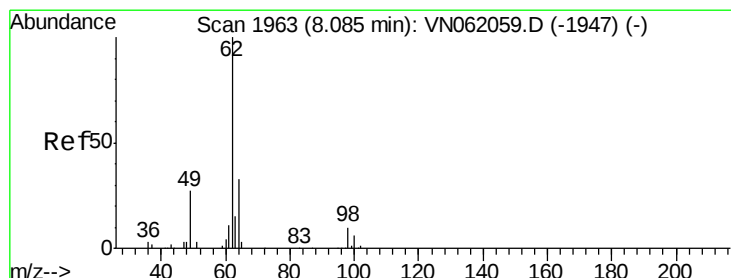
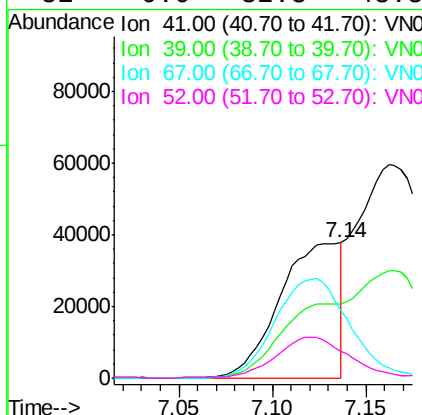
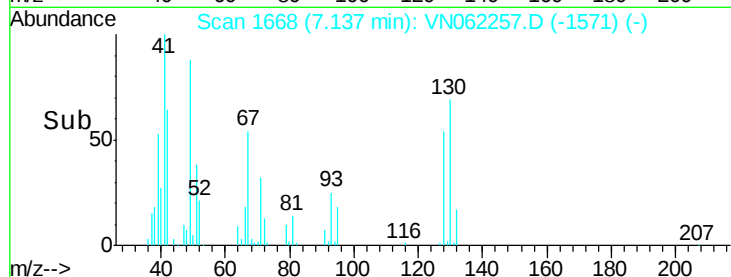
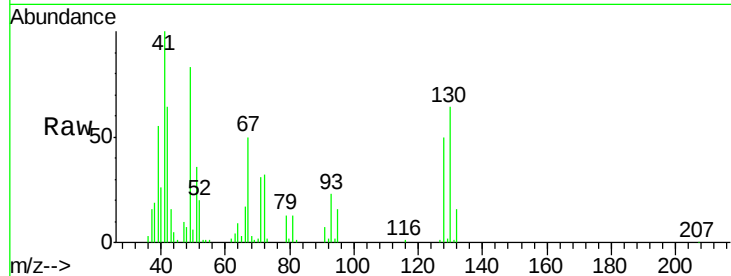
#41  
Methacrylonitrile  
Concen: 56.370 ug/l m  
RT: 7.14 min Scan# 1668  
Delta R.T. 0.01 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 41      | 100   |       |        |
| 39      | 157.3 | 44.2  | 66.2#  |
| 67      | 0.0   | 79.5  | 119.3# |
| 52      | 0.0   | 32.3  | 48.5#  |

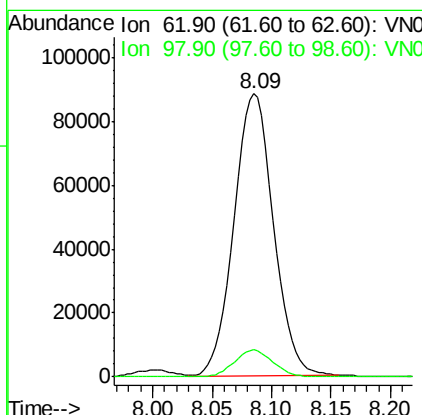
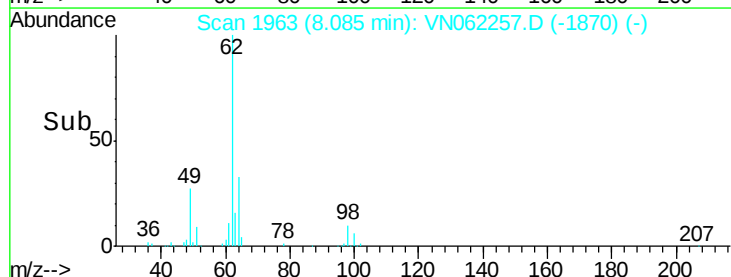
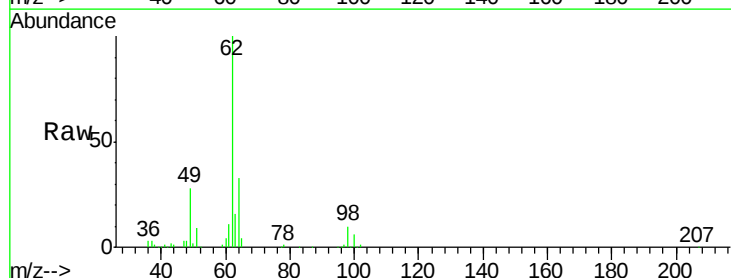
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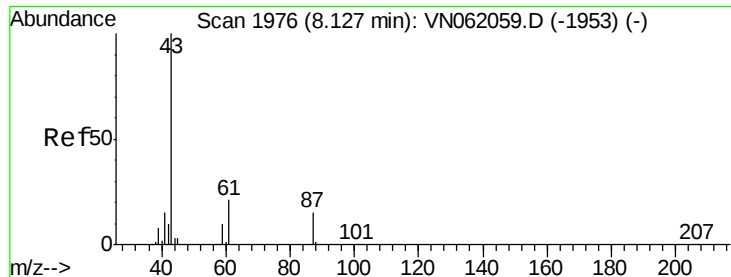
MMDadoda  
7/1/2020 11:04:30 AM



#42  
1,2-Dichloroethane  
Concen: 50.027 ug/l  
RT: 8.09 min Scan# 1963  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.4   | 0.0   | 19.8  |





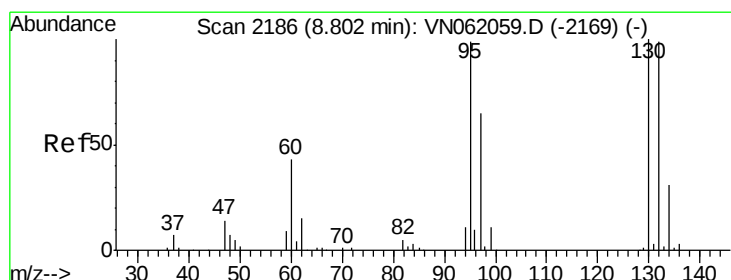
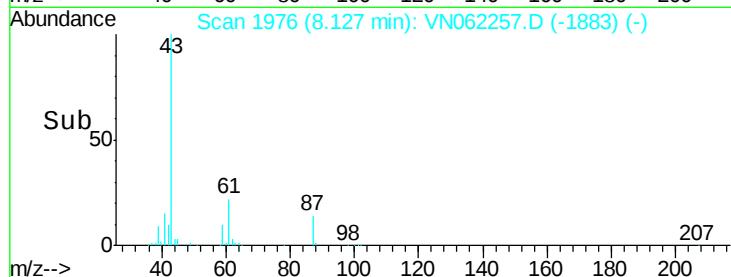
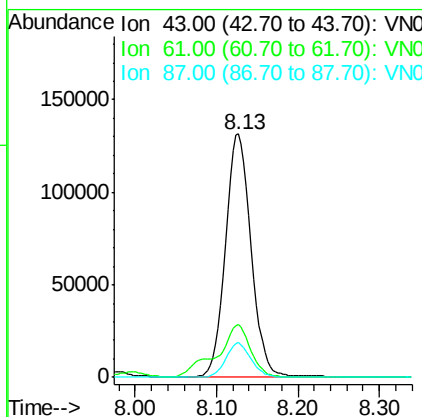
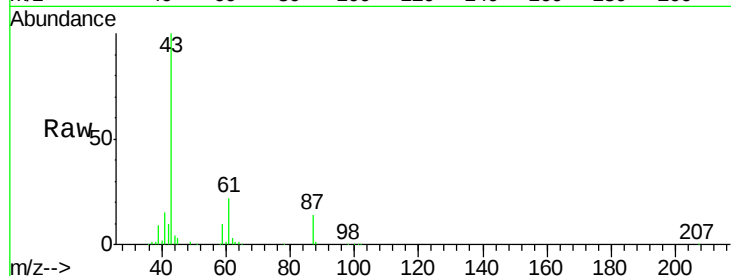
#43  
Isopropyl Acetate  
Concen: 54.589 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 28.0  | 17.2  | 25.8  |
| 87      | 13.9  | 12.1  | 18.1  |

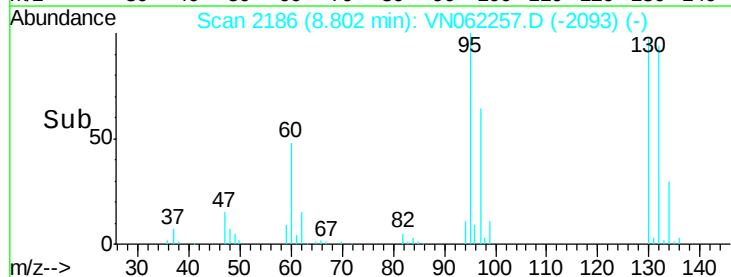
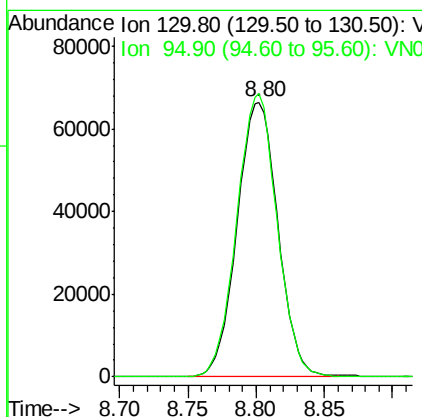
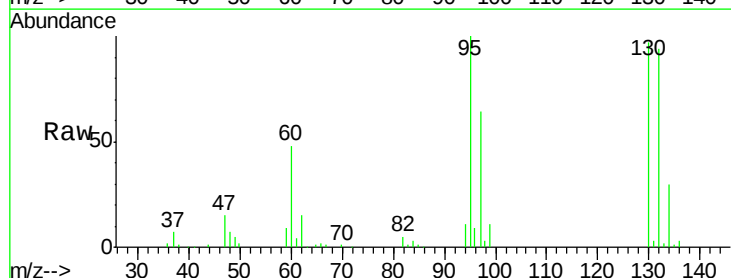
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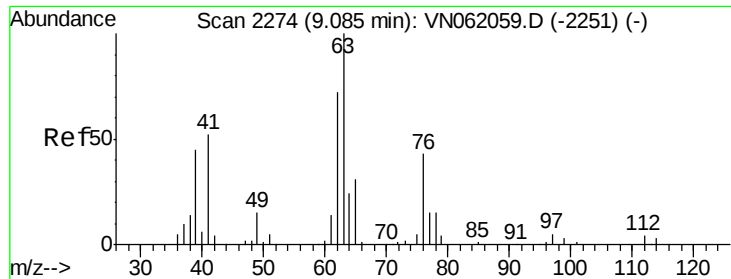
MMDadoda  
7/1/2020 11:04:30 AM



#44  
Trichloroethene  
Concen: 45.464 ug/l  
RT: 8.80 min Scan# 2186  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 103.0 | 0.0   | 197.8 |





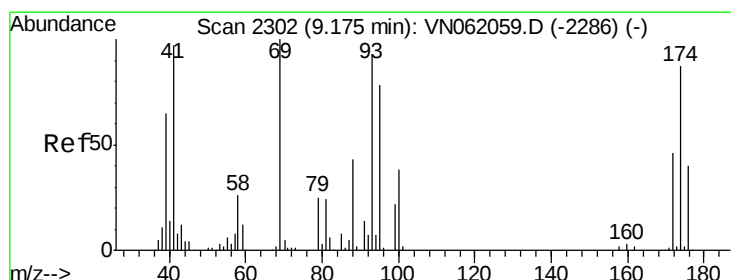
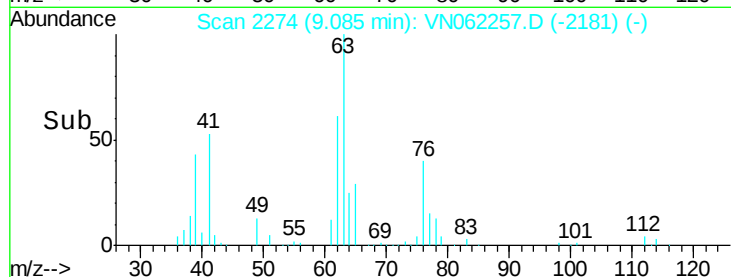
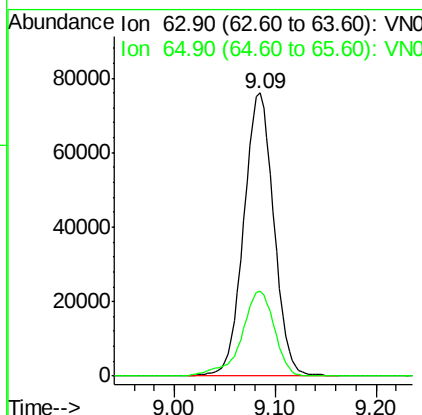
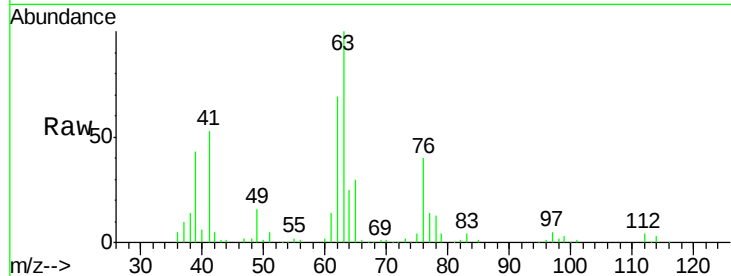
#45  
 1,2-Dichloropropane  
 Concen: 52.708 ug/l  
 RT: 9.09 min Scan# 2274  
 Delta R.T. -0.00 min  
 Lab File: VN062257.D  
 Acq: 30 Jun 2020 22:40

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

Tot Ion: 63 Resp: 156479  
 Ion Ratio Lower Upper  
 63 100  
 65 29.8 25.0 37.4

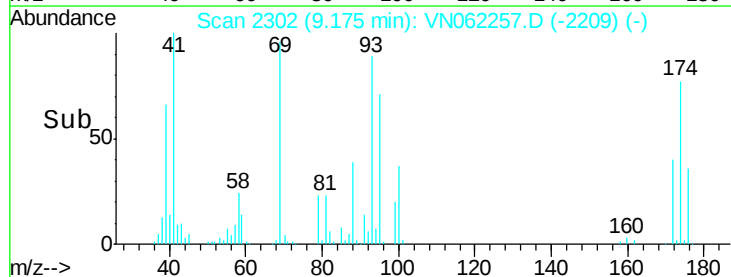
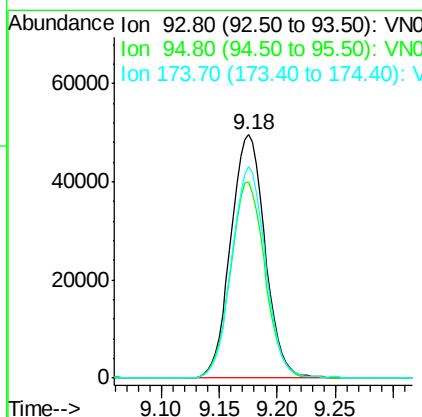
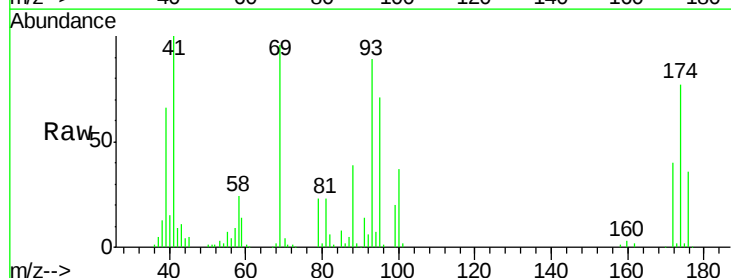
Manual Integrations  
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 7/1/2020 11:04:30 AM



#46  
 Dibromomethane  
 Concen: 50.663 ug/l  
 RT: 9.18 min Scan# 2302  
 Delta R.T. -0.00 min  
 Lab File: VN062257.D  
 Acq: 30 Jun 2020 22:40

Tgt Ion: 93 Resp: 101977  
 Ion Ratio Lower Upper  
 93 100  
 95 80.9 67.0 100.6  
 174 85.8 74.4 111.6





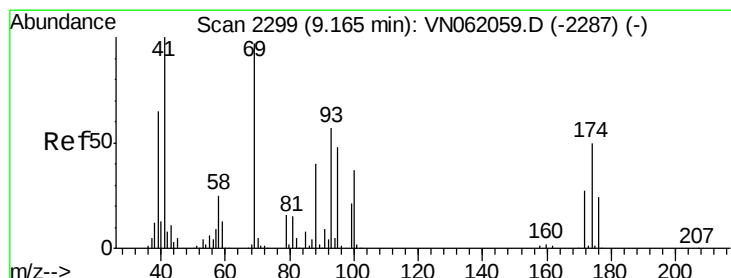
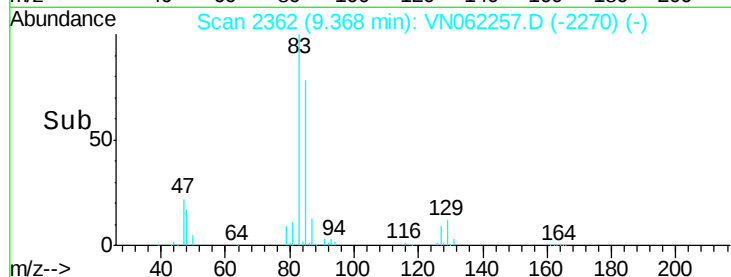
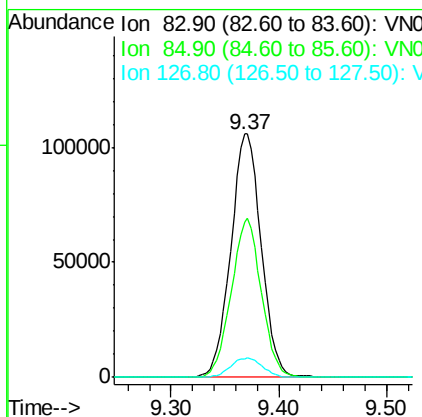
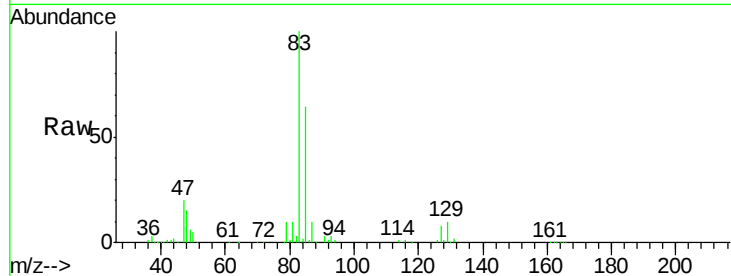
#47  
Bromodichloromethane  
Concen: 51.154 ug/l  
RT: 9.37 min Scan# 2362  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.9  | 50.3  | 75.5  |
| 127     | 7.7   | 6.9   | 10.3  |

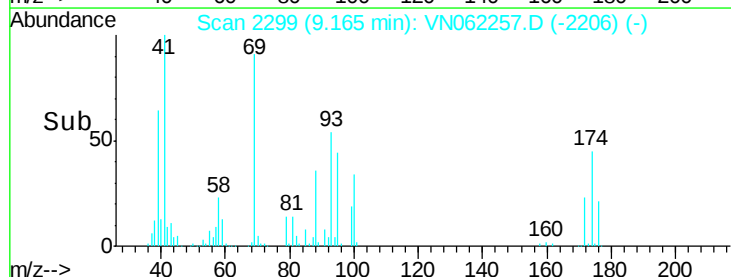
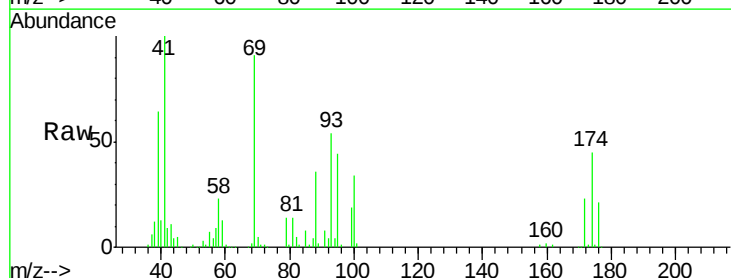
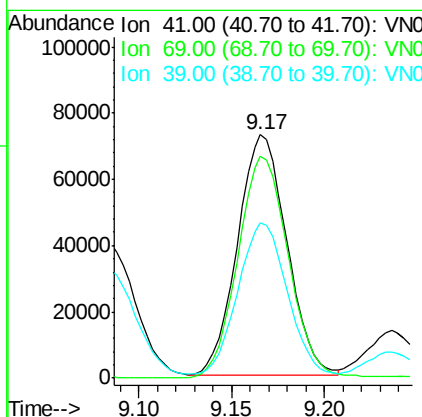
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7/1/2020 11:04:30 AM



#48  
Methyl methacrylate  
Concen: 55.830 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 95.3  | 80.7  | 121.1 |
| 39      | 65.5  | 54.5  | 81.7  |





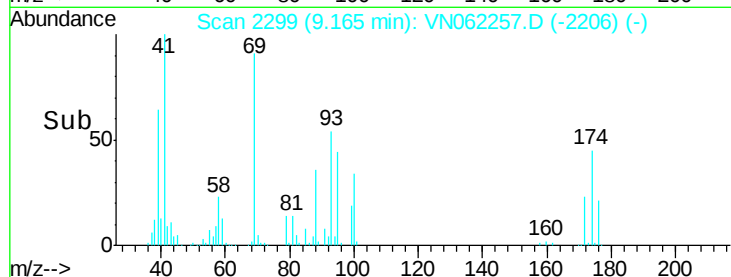
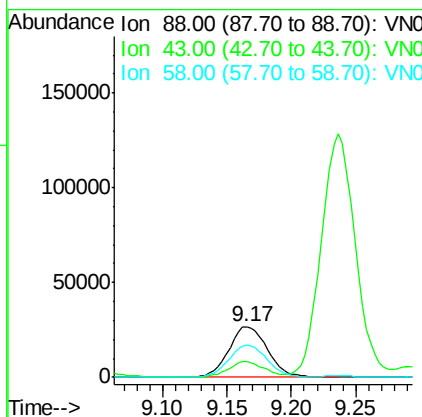
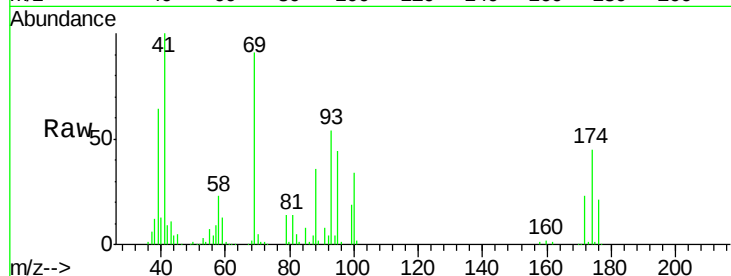
#49  
1,4-Dioxane  
Concen: 1052.147 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 30.2  | 22.0  | 33.0  |
| 58      | 63.1  | 49.2  | 73.8  |

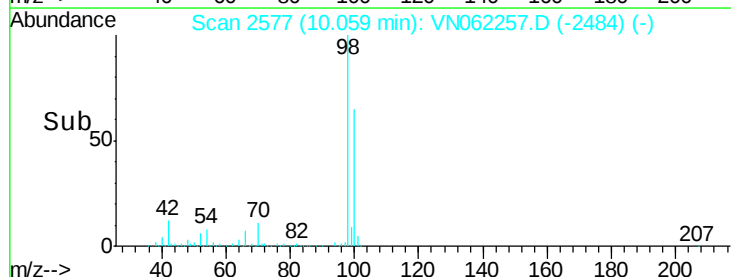
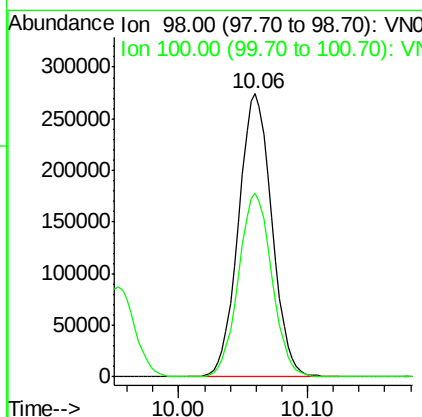
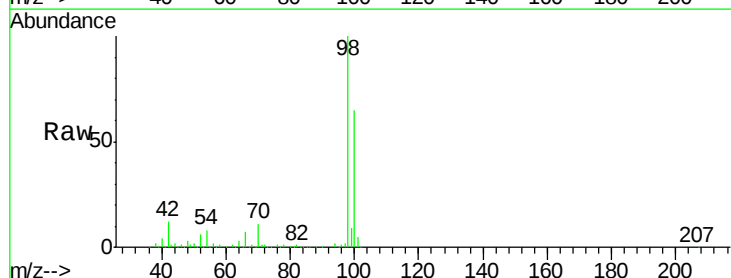
Manual Integrations  
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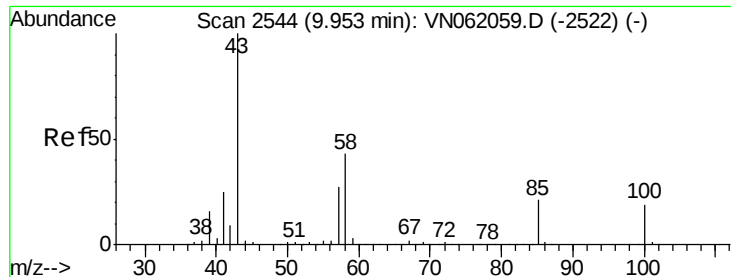
MMDadoda  
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#50  
Toluene-d8  
Concen: 48.983 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.6  | 51.2  | 76.8  |





#51

4-Methyl-2-Pentanone

Concen: 291.093 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 906393

Ion Ratio Lower Upper

43 100

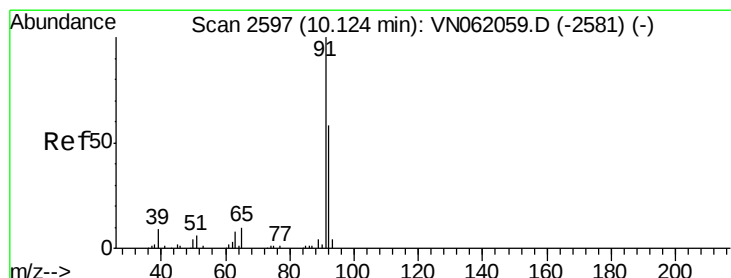
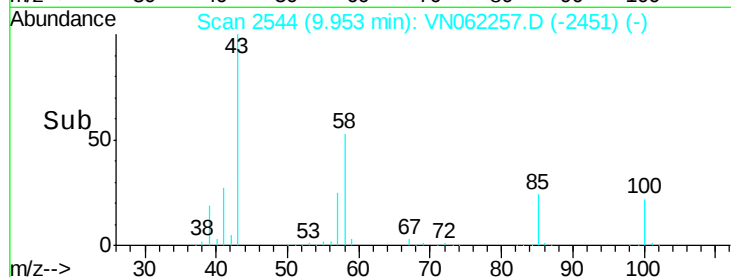
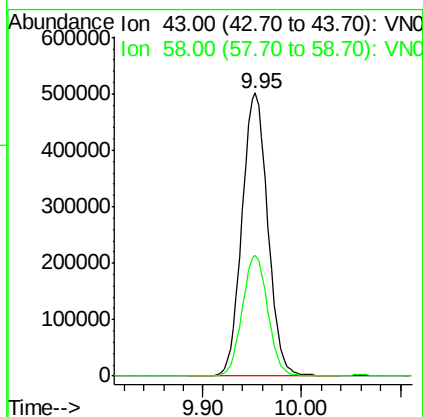
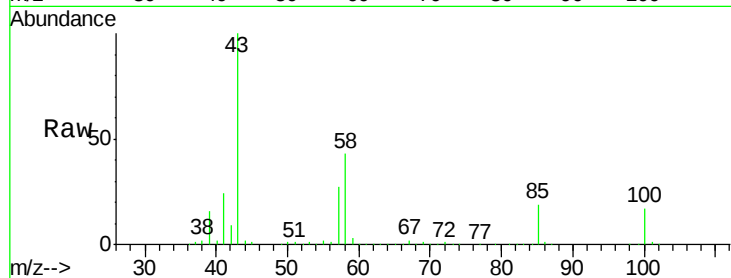
58 42.2 34.2 51.2

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#52

Toluene

Concen: 50.484 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062257.D

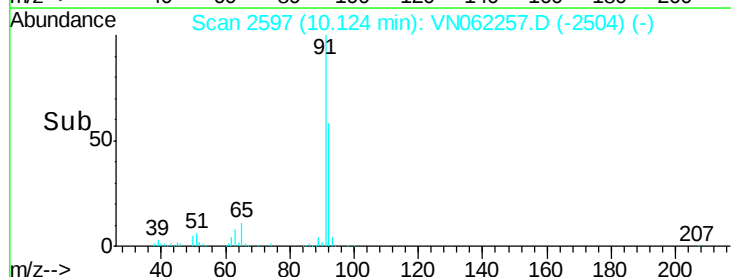
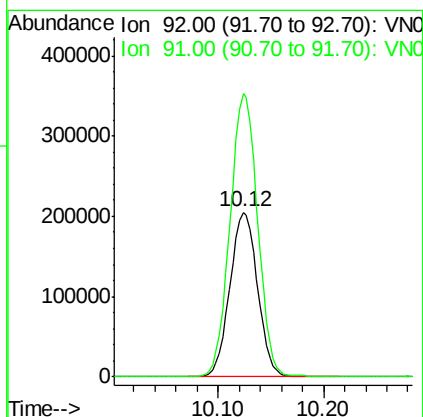
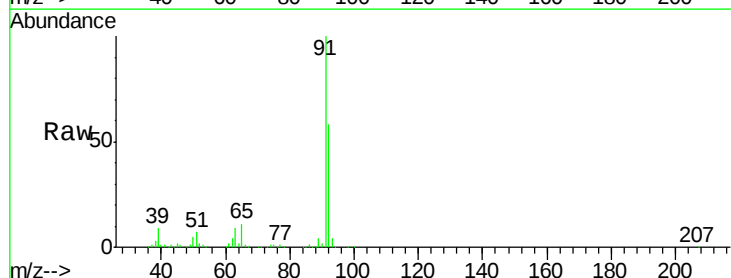
Acq: 30 Jun 2020 22:40

Tgt Ion: 92 Resp: 370673

Ion Ratio Lower Upper

92 100

91 172.4 137.4 206.0





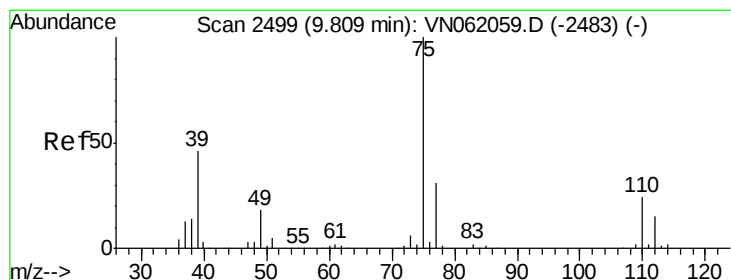
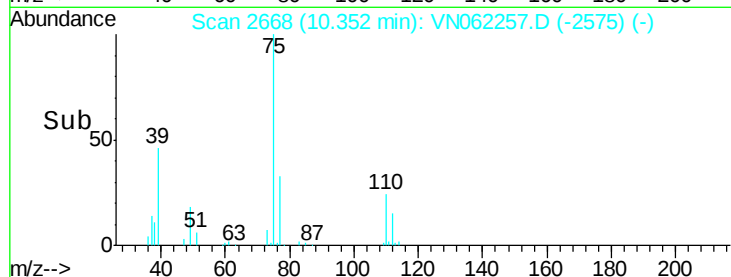
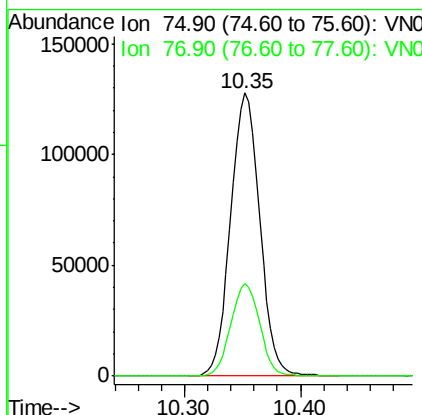
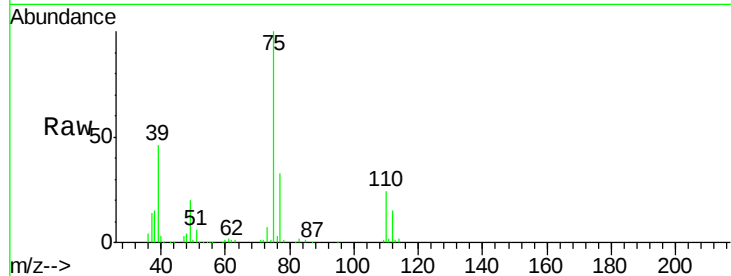
#53  
 t-1,3-Dichloropropene  
 Concen: 49.879 ug/l  
 RT: 10.35 min Scan# 2668  
 Delta R.T. -0.00 min  
 Lab File: VN062257.D  
 Acq: 30 Jun 2020 22:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 75 Resp: 223027  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 25.5 38.3

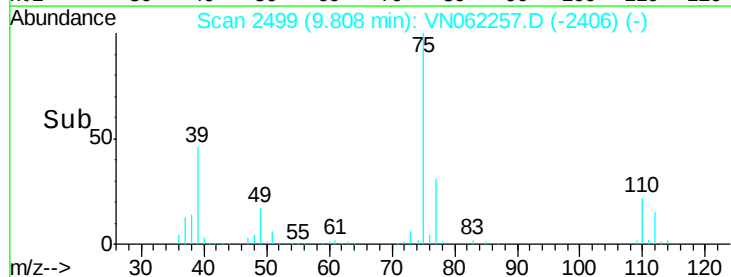
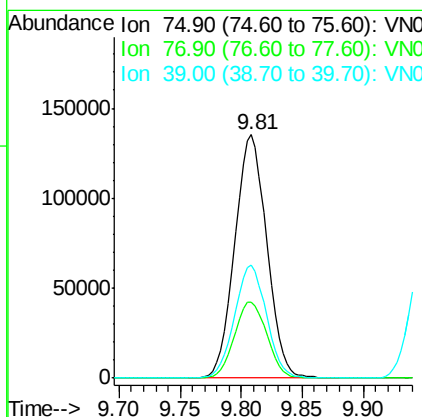
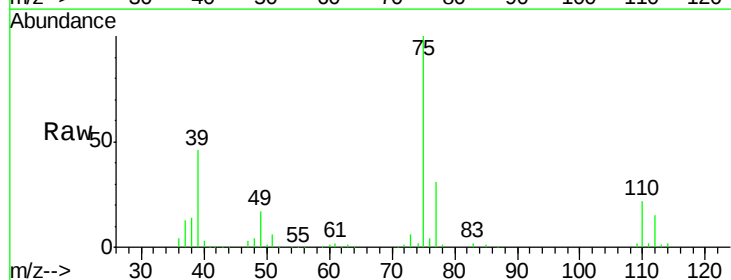
Manual Integrations  
 APPROVED

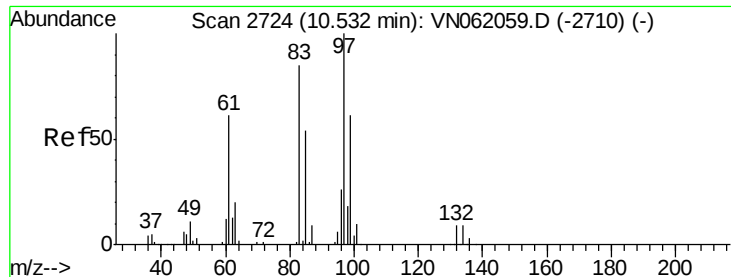
MMDadoda  
 7/1/2020 11:04:30 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.732 ug/l  
 RT: 9.81 min Scan# 2499  
 Delta R.T. -0.00 min  
 Lab File: VN062257.D  
 Acq: 30 Jun 2020 22:40

Tgt Ion: 75 Resp: 246269  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.0 37.6  
 39 46.4 36.9 55.3





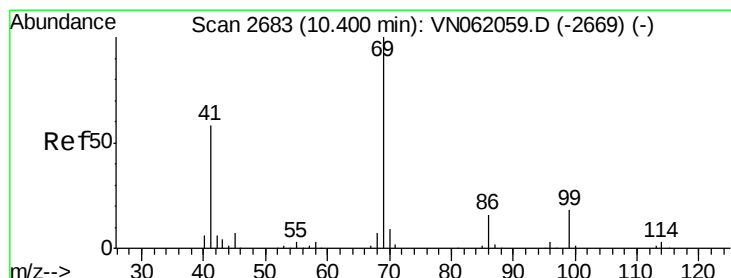
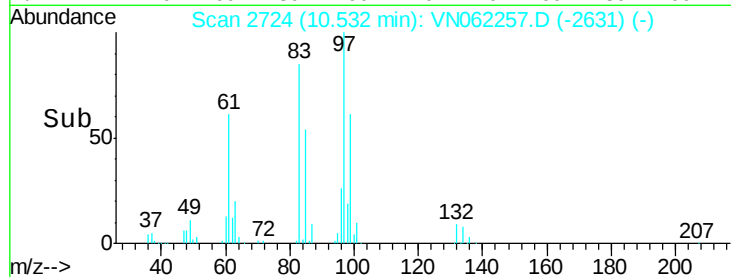
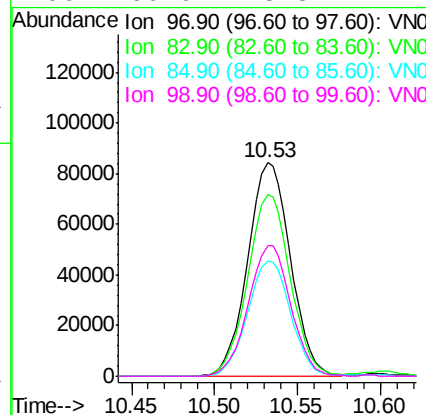
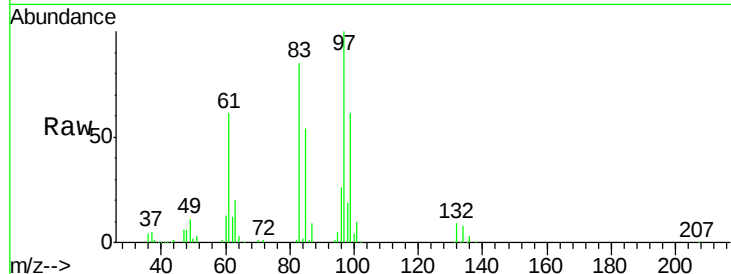
#55  
 1,1,2-Trichloroethane  
 Concen: 52.340 ug/l  
 RT: 10.53 min Scan# 2724  
 Delta R.T. -0.00 min  
 Lab File: VN062257.D  
 Acq: 30 Jun 2020 22:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 151066 |       |       |
| 83      | 85.1 | 68.2  | 102.2  |       |       |
| 85      | 53.7 | 43.2  | 64.8   |       |       |
| 99      | 60.9 | 48.5  | 72.7   |       |       |

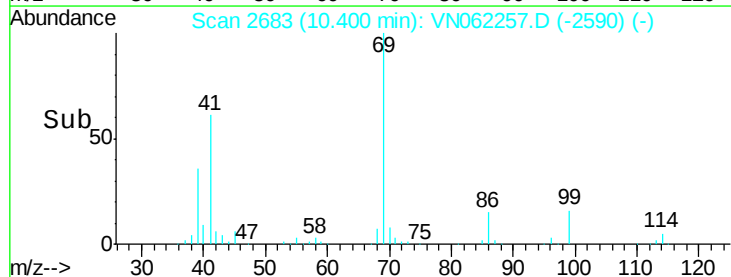
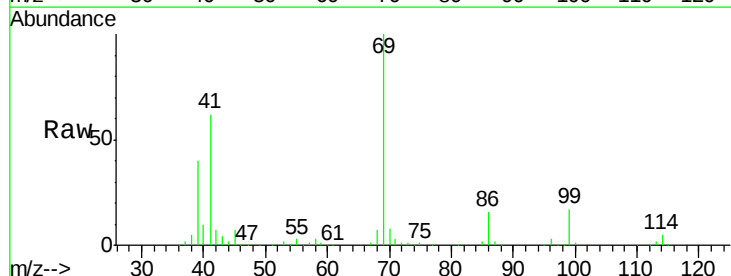
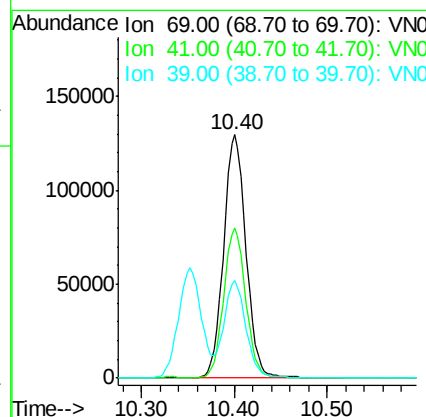
Manual Integrations  
 APPROVED

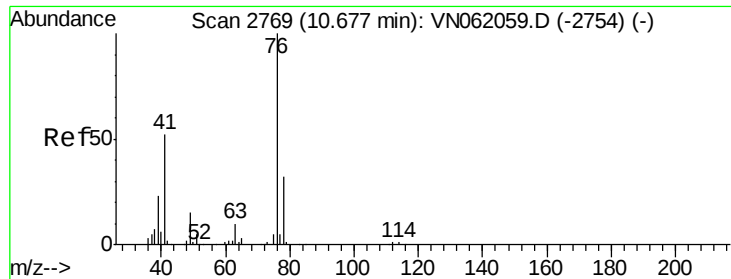
MMDadoda  
 7/1/2020 11:04:30 AM



#56  
 Ethyl methacrylate  
 Concen: 56.334 ug/l  
 RT: 10.40 min Scan# 2683  
 Delta R.T. -0.00 min  
 Lab File: VN062257.D  
 Acq: 30 Jun 2020 22:40

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 216987 |       |       |
| 41      | 60.1 | 46.6  | 70.0   |       |       |
| 39      | 39.4 | 31.0  | 46.4   |       |       |





#57

1,3-Dichloropropane

Concen: 51.482 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 255757

Ion Ratio Lower Upper

76 100

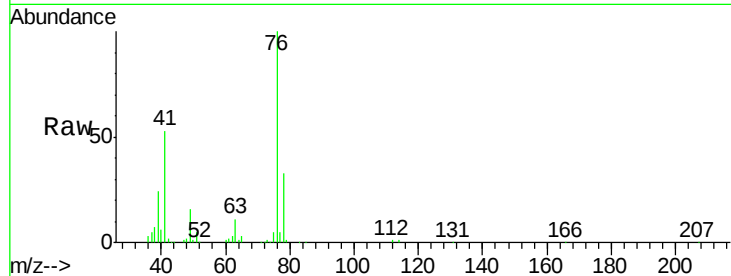
78 33.1 25.8 38.8

Manual Integrations

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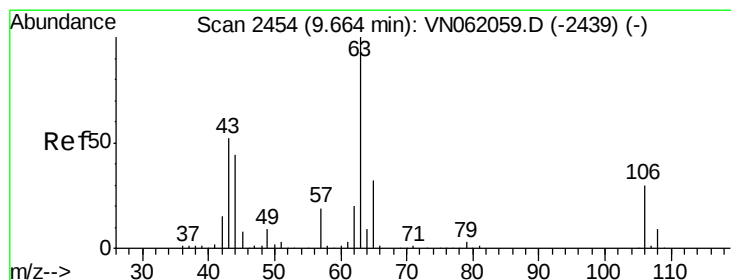
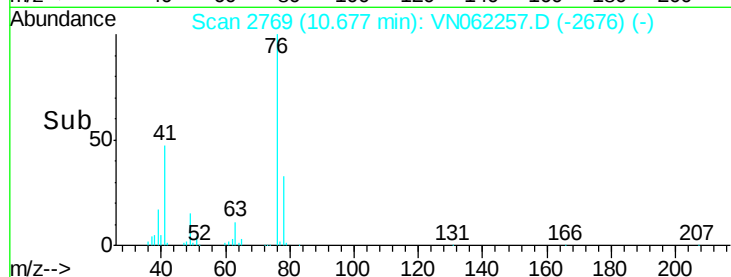
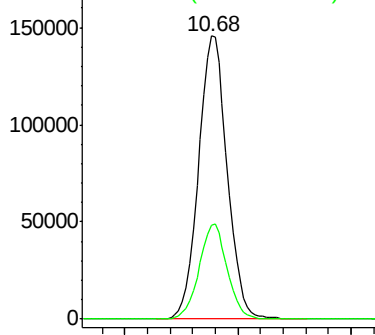
MMDadoda

7/1/2020 11:04:30 AM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 250.436 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062257.D

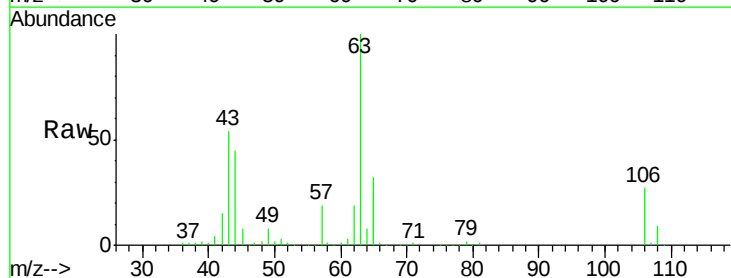
Acq: 30 Jun 2020 22:40

Tgt Ion: 63 Resp: 410744

Ion Ratio Lower Upper

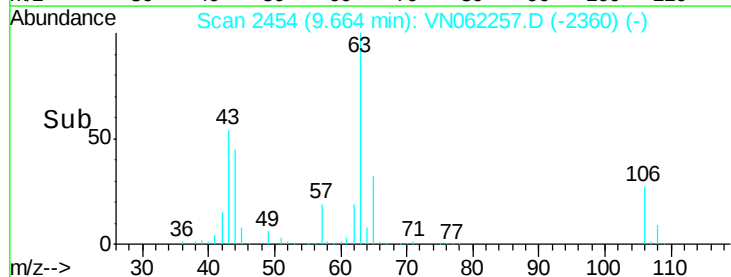
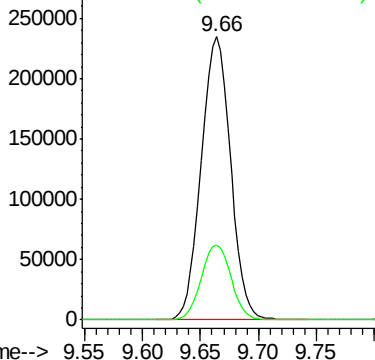
63 100

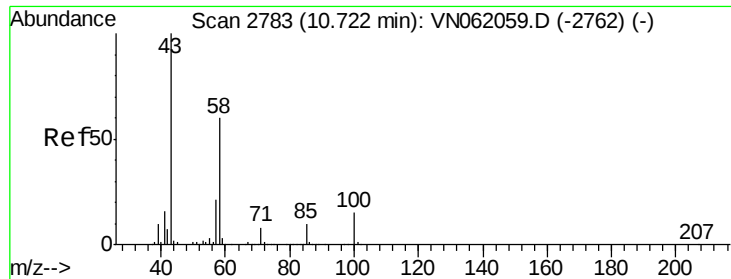
106 27.0 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





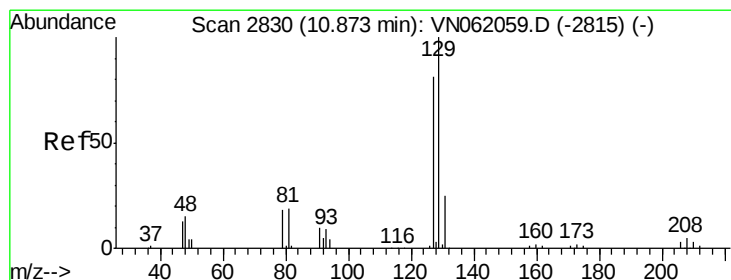
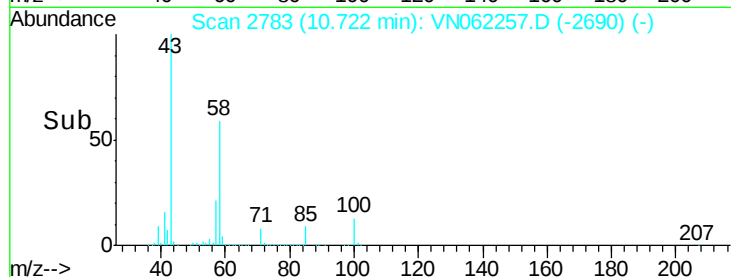
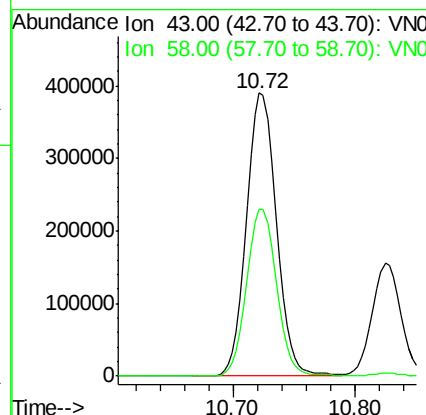
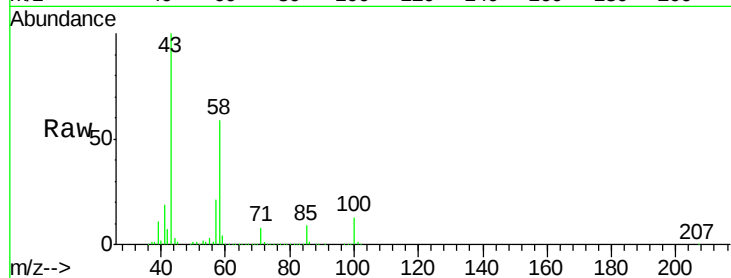
#59  
2-Hexanone  
Concen: 292.843 ug/l  
RT: 10.72 min Scan# 2783  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 43   | Resp  | 658439 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 59.1 | 29.5  | 88.5   |

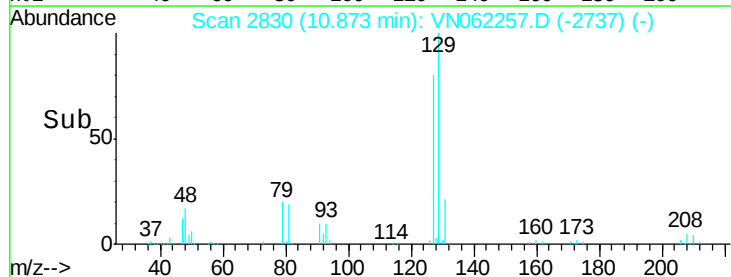
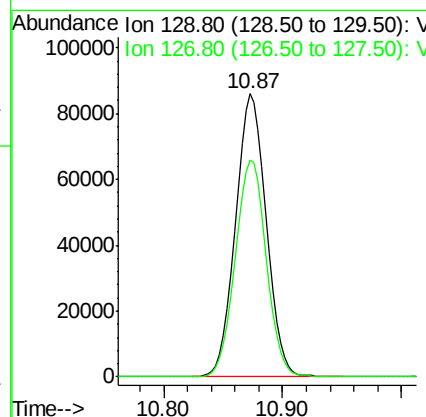
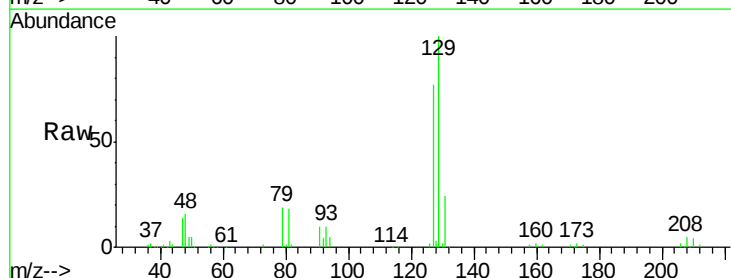
Manual Integrations  
APPROVED

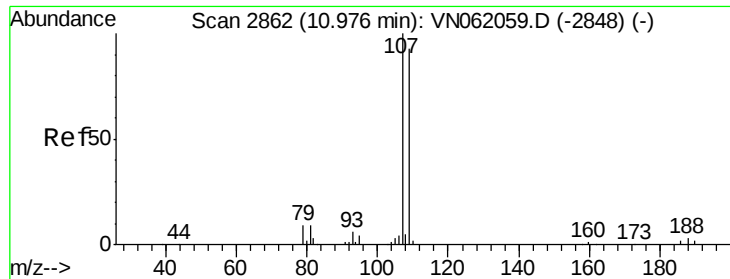
MMDadoda  
7/1/2020 11:04:30 AM



#60  
Dibromochloromethane  
Concen: 50.265 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion   | 129  | Resp  | 153594 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 129       | 100  |       |        |
| 127       | 77.3 | 39.5  | 118.5  |





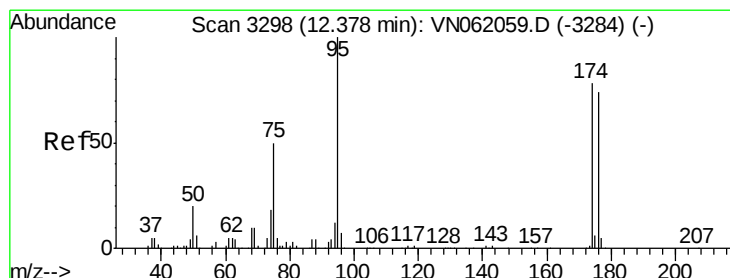
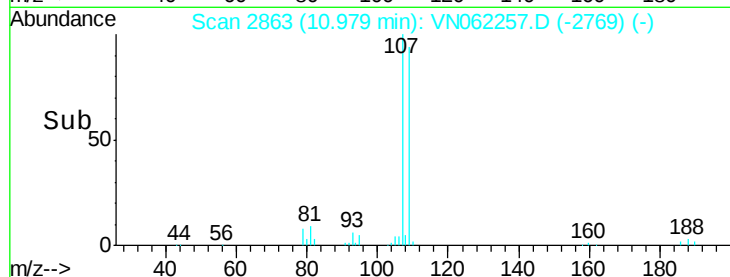
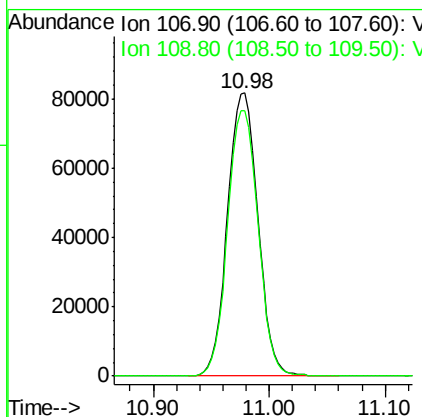
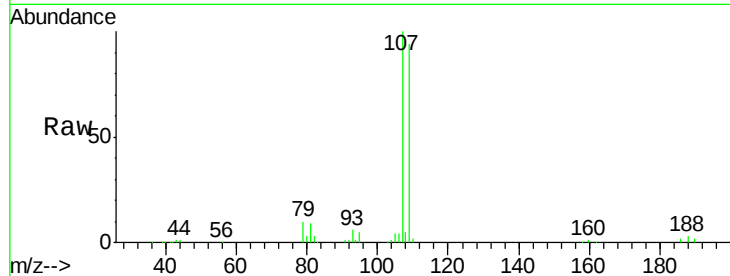
#61  
 1,2-Dibromoethane  
 Concen: 50.151 ug/l  
 RT: 10.98 min Scan# 2863  
 Delta R.T. 0.00 min  
 Lab File: VN062257.D  
 Acq: 30 Jun 2020 22:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 148731 |       |       |
| 109     | 94.3  | 75.0   | 112.6 |       |

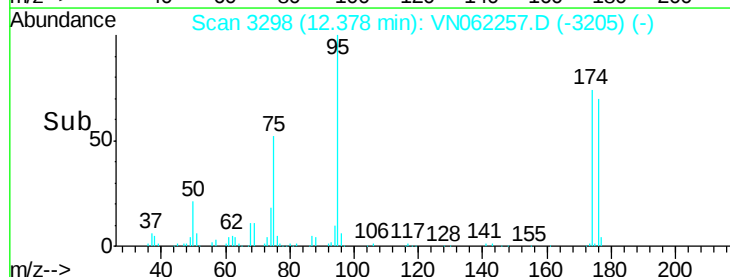
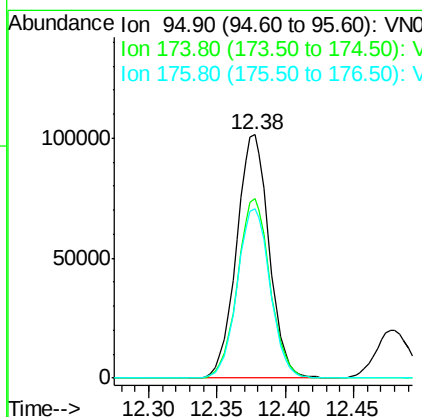
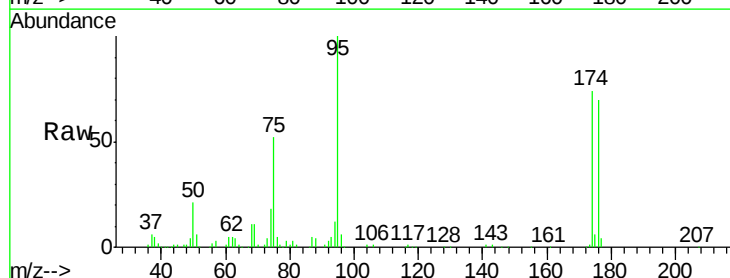
Manual Integrations  
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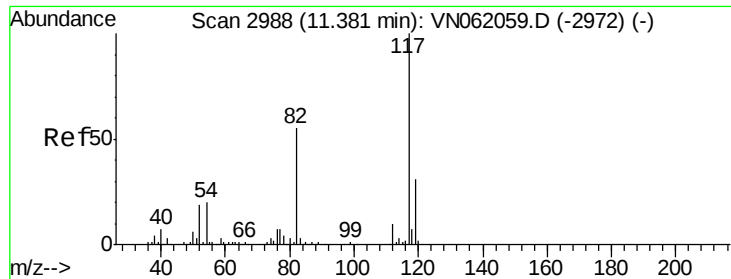
MMDadoda  
 7/1/2020 11:04:30 AM



#62  
 4-Bromofluorobenzene  
 Concen: 49.490 ug/l  
 RT: 12.38 min Scan# 3298  
 Delta R.T. -0.00 min  
 Lab File: VN062257.D  
 Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 168428 |       |       |
| 174     | 73.4  | 0.0    | 154.8 |       |
| 176     | 70.1  | 0.0    | 147.4 |       |





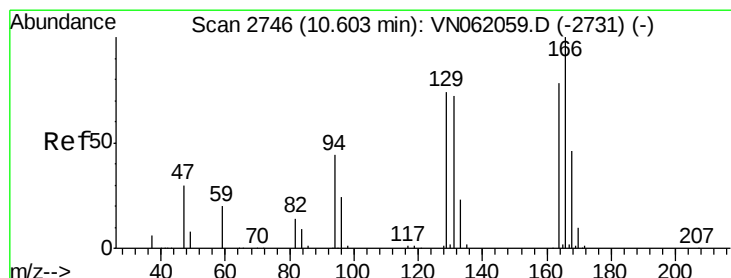
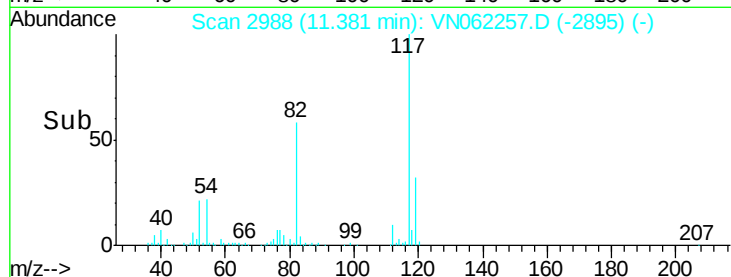
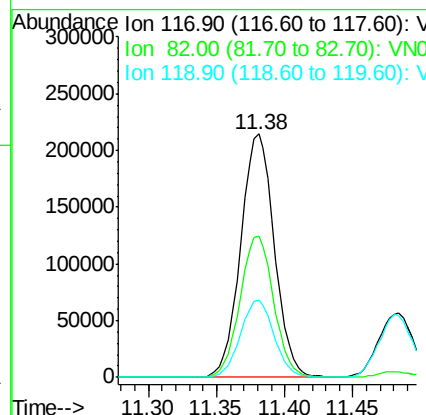
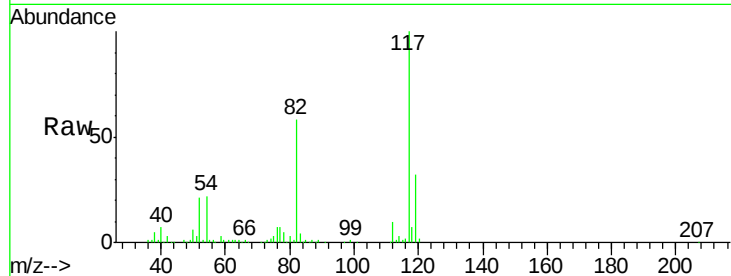
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 57.9  | 43.8  | 65.8  |
| 119     | 31.7  | 25.2  | 37.8  |

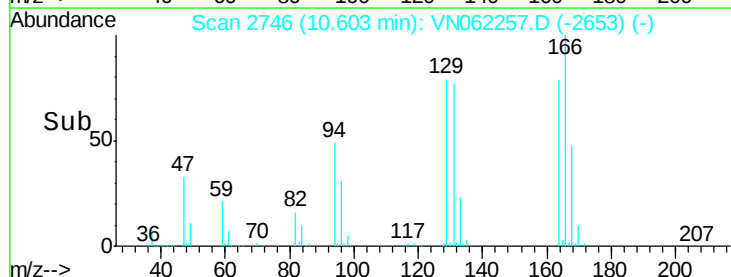
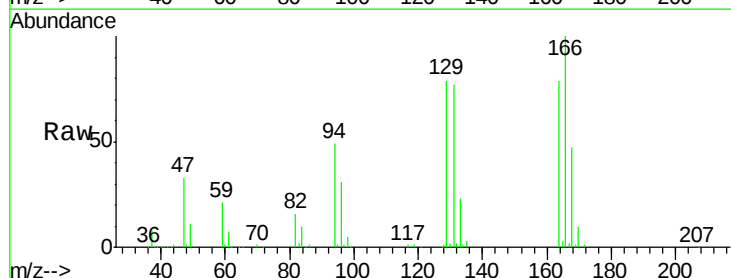
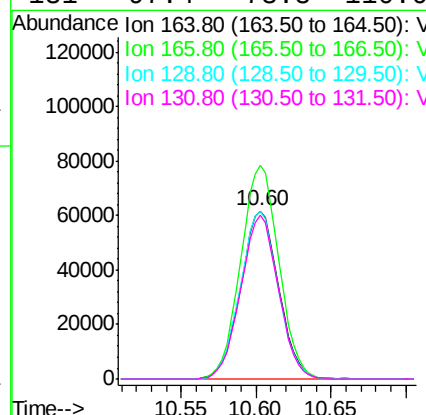
Manual Integrations  
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MMDadoda  
7/1/2020 11:04:30 AM



#64  
Tetrachloroethene  
Concen: 43.439 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.2 | 102.9 | 154.3 |
| 129     | 100.1 | 75.8  | 113.8 |
| 131     | 97.4  | 73.8  | 110.6 |





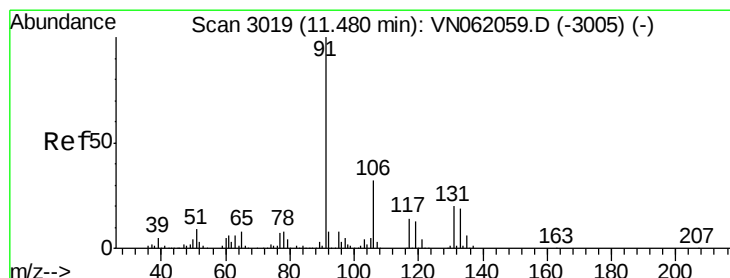
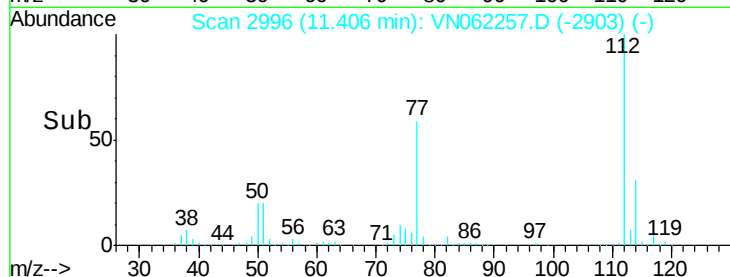
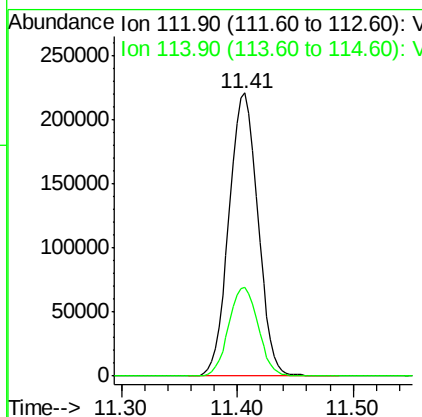
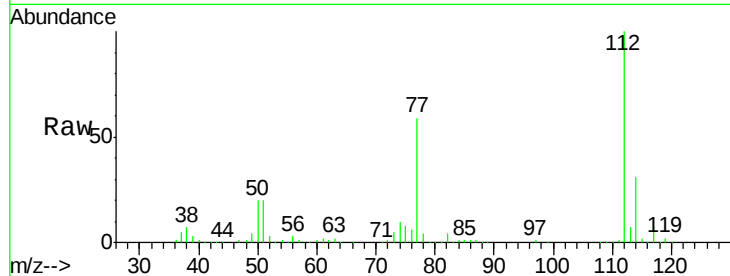
#65  
Chlorobenzene  
Concen: 47.457 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 382529  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.8 38.8

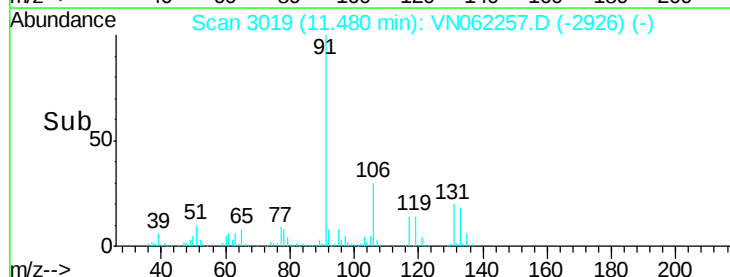
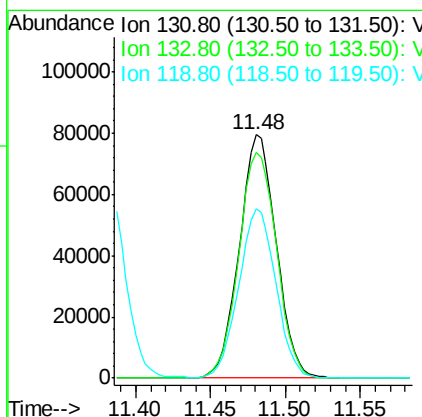
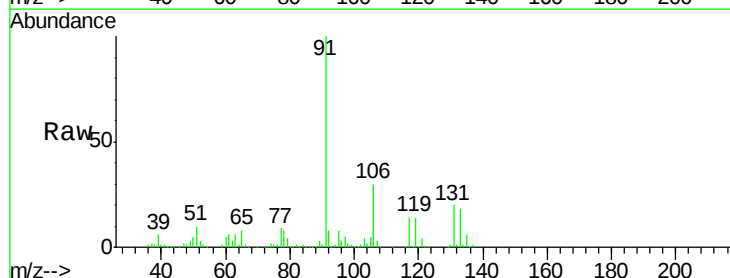
Manual Integrations  
APPROVED

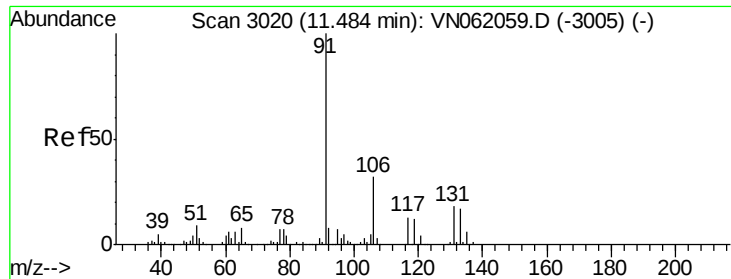
MMDadoda  
7/1/2020 11:04:30 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.973 ug/l  
RT: 11.48 min Scan# 3019  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Tgt Ion:131 Resp: 136499  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.6 142.9  
119 70.0 34.4 103.3





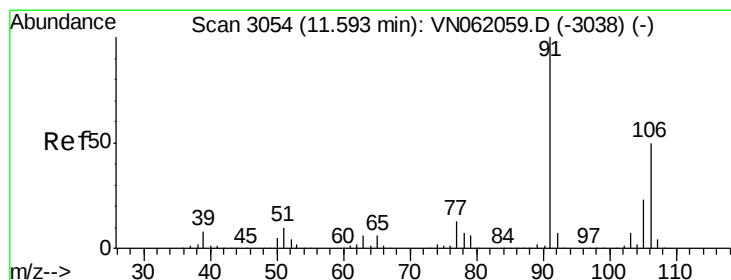
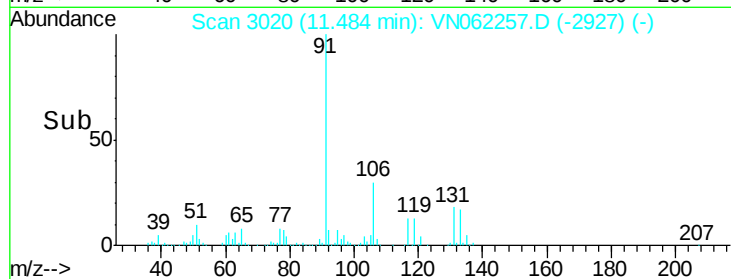
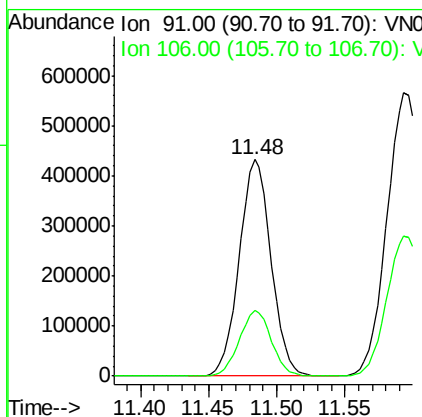
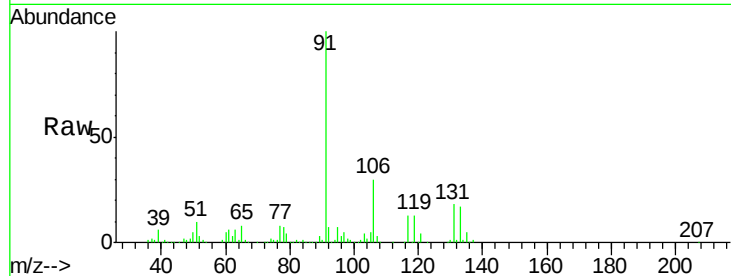
#67  
Ethyl Benzene  
Concen: 51.472 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 106     | 30.1 | 25.3  | 37.9  |       |

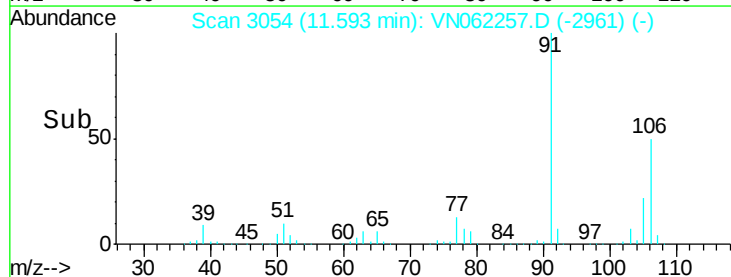
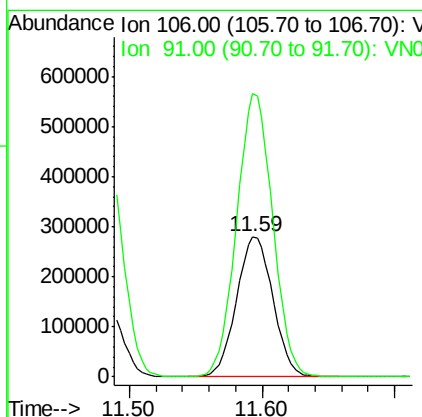
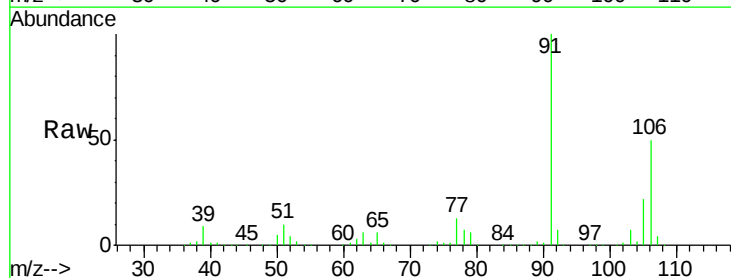
Manual Integrations  
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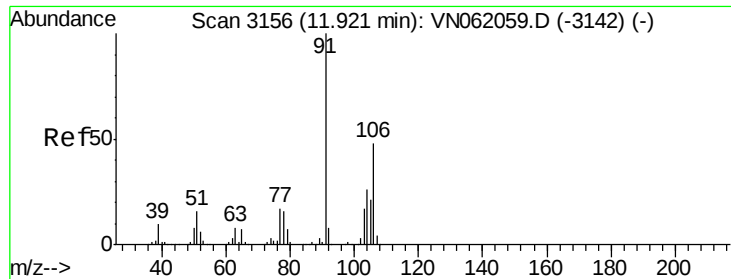
MMDadoda  
7/1/2020 11:04:30 AM



#68  
m/p-Xylenes  
Concen: 100.663 ug/l  
RT: 11.59 min Scan# 3054  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |
| 91      | 201.4 | 157.8 | 236.8 |       |





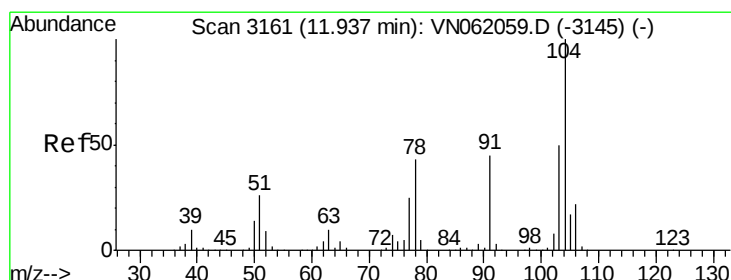
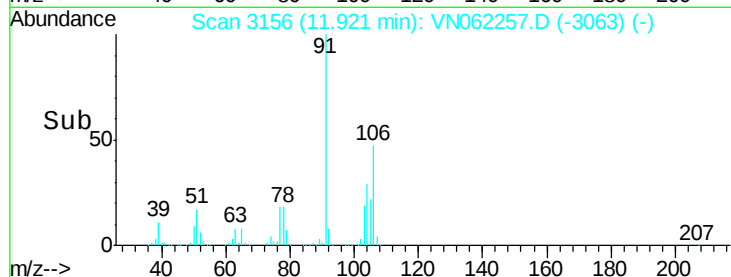
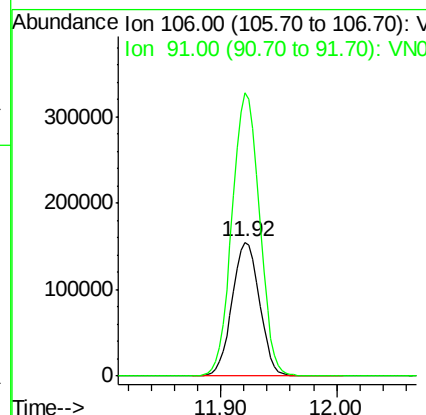
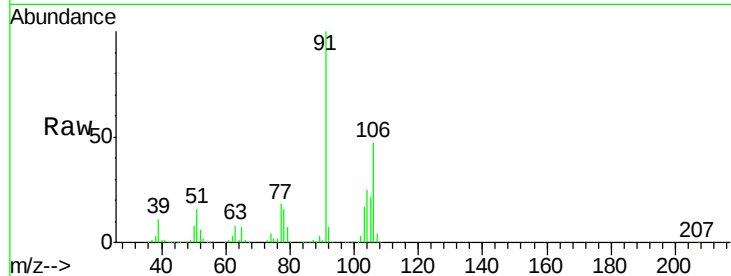
#69  
o-Xylene  
Concen: 51.174 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 106     | 106 | 100   |       |       |
| 91      | 91  | 211.8 | 104.0 | 311.9 |

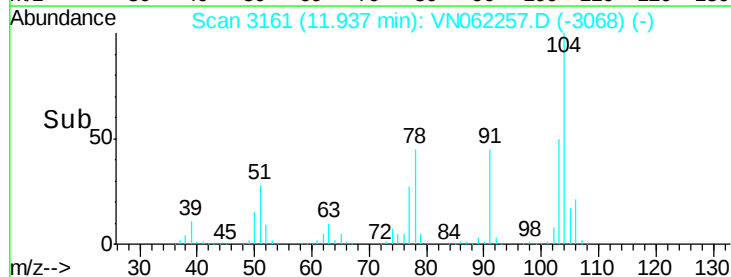
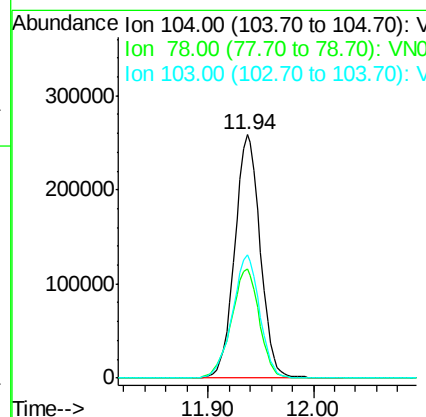
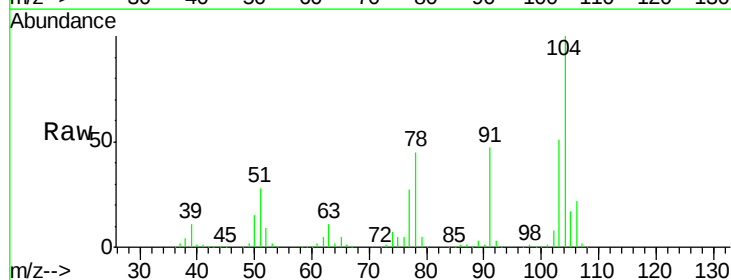
Manual Integrations  
APPROVED

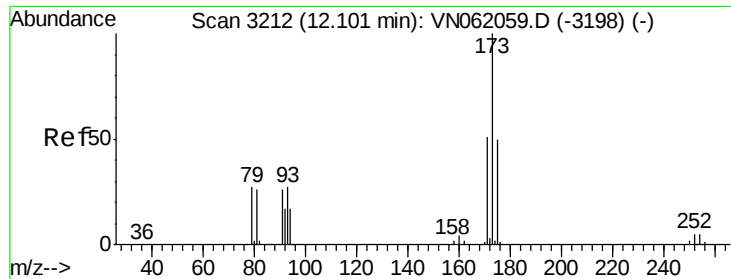
MMDadoda  
7/1/2020 11:04:30 AM



#70  
Styrene  
Concen: 52.097 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 104     | 104 | 100   |       |       |
| 78      | 78  | 49.2  | 37.7  | 56.5  |
| 103     | 103 | 54.2  | 43.0  | 64.6  |





#71

Bromoform

Concen: 50.103 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 99289

Ion Ratio Lower Upper

173 100

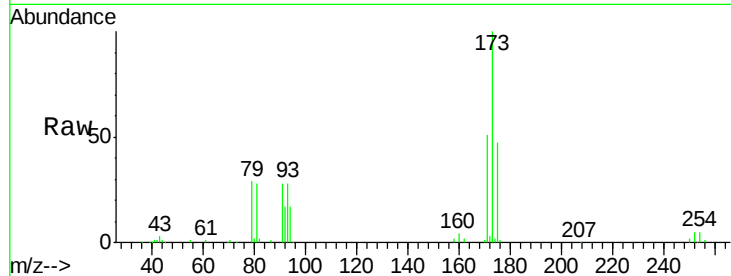
175 48.0 24.7 74.1

254 0.0 0.0 0.0

Manual Integrations  
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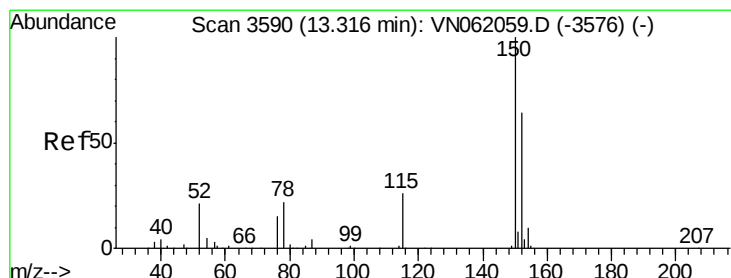
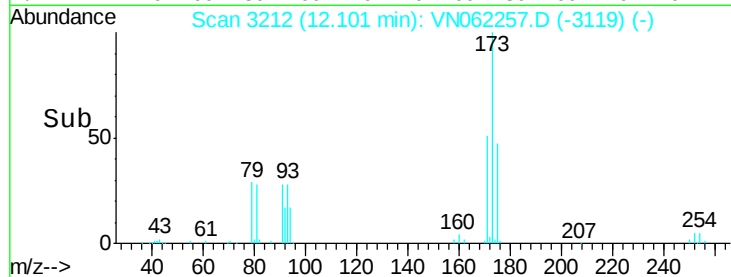
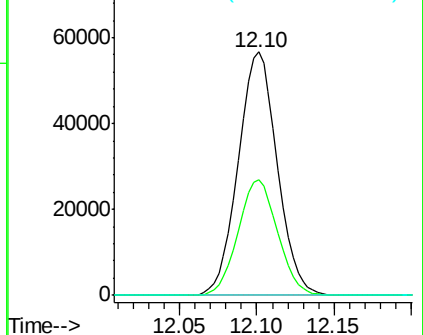
7/1/2020 11:04:30 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

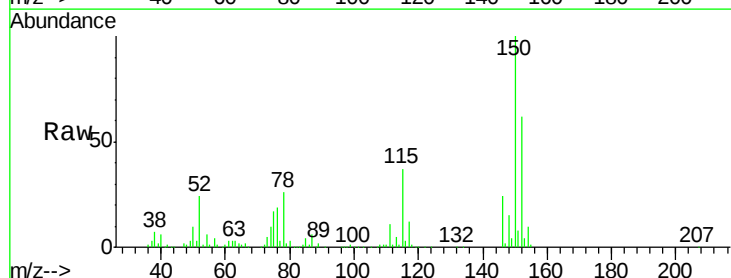
Tgt Ion:152 Resp: 173501

Ion Ratio Lower Upper

152 100

115 60.8 29.5 88.5

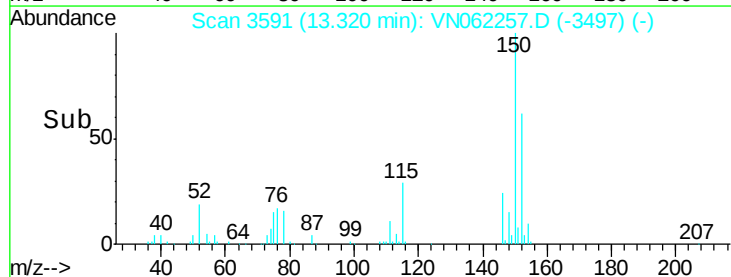
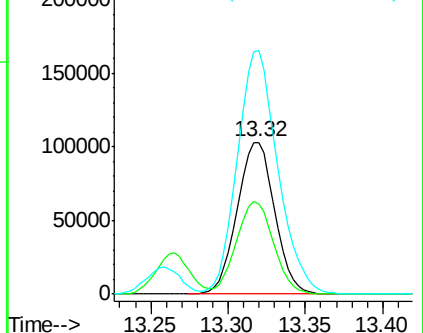
150 172.9 0.0 351.4

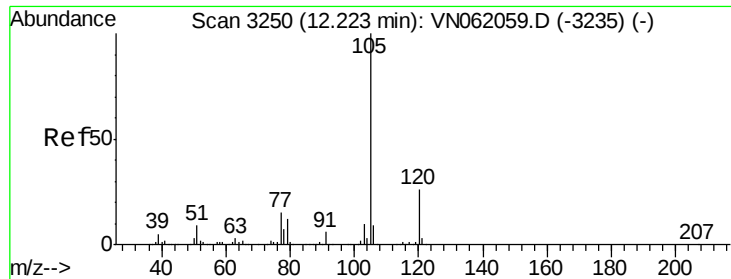


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





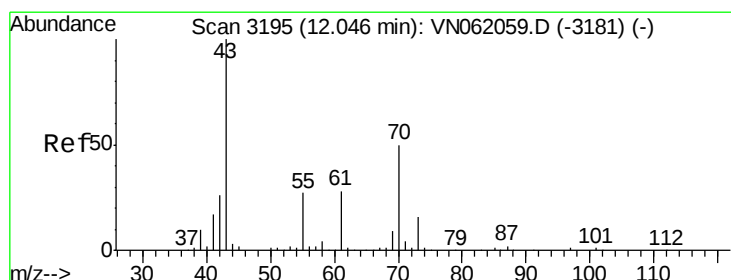
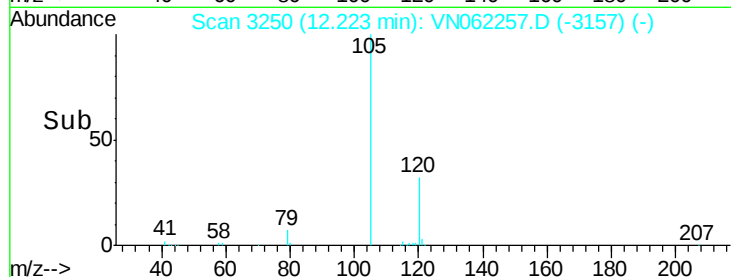
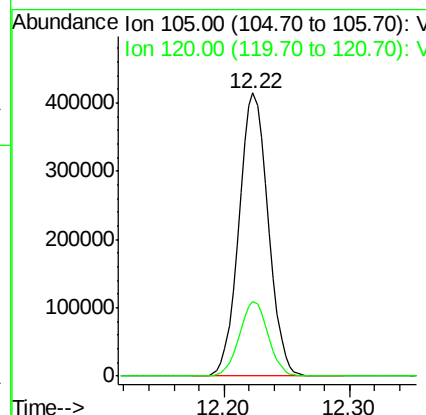
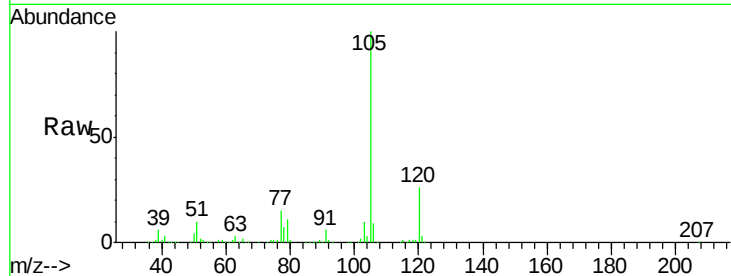
#73  
Isopropylbenzene  
Concen: 49.971 ug/l  
RT: 12.22 min Scan# 3250  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.1  | 13.2  | 39.6  |

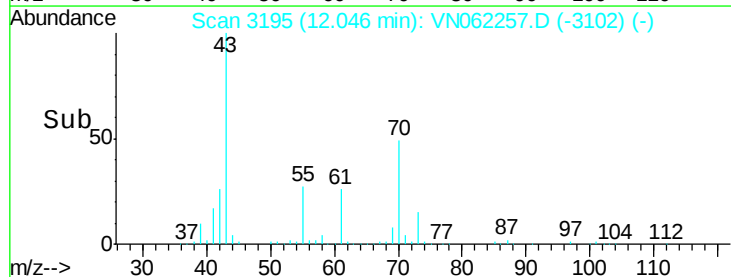
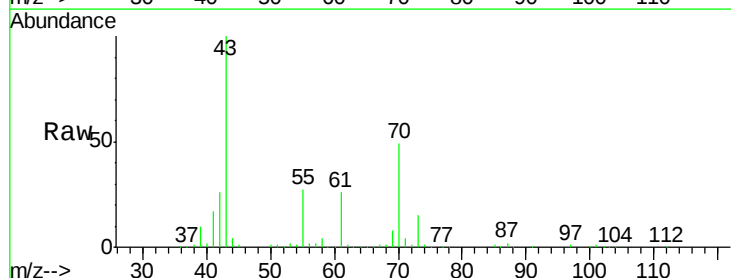
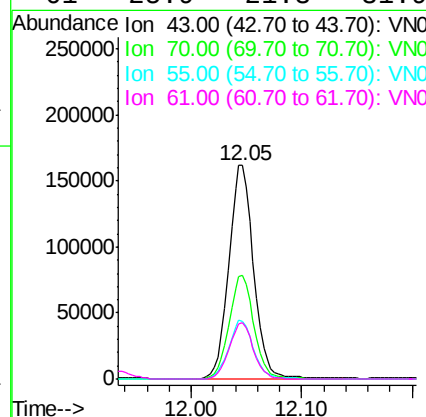
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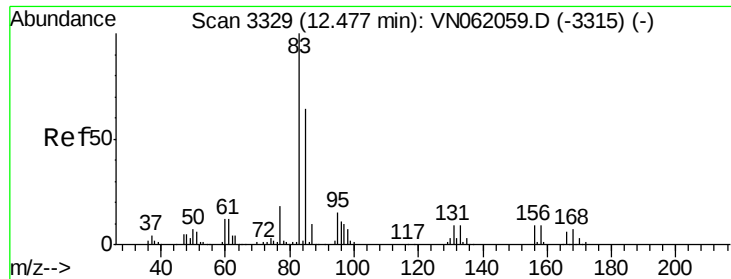
MMDadoda  
7/1/2020 11:04:30 AM



#74  
N-ethyl acetate  
Concen: 51.145 ug/l  
RT: 12.05 min Scan# 3195  
Delta R.T. 0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 48.6  | 39.4  | 59.2  |
| 55      | 27.5  | 21.7  | 32.5  |
| 61      | 25.9  | 21.3  | 31.9  |





#75

1,1,2,2-Tetrachloroethane

Concen: 50.874 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

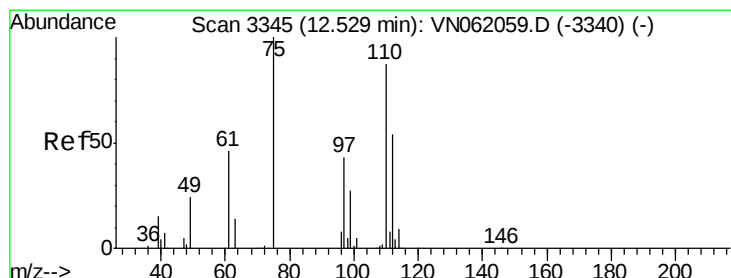
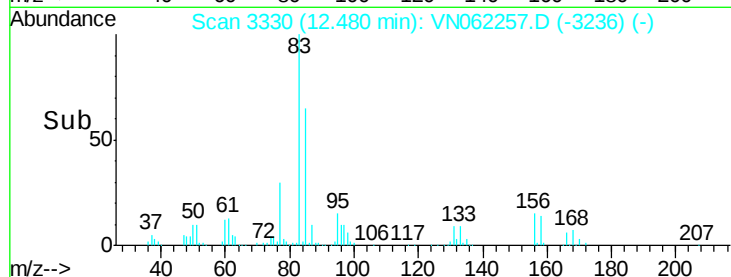
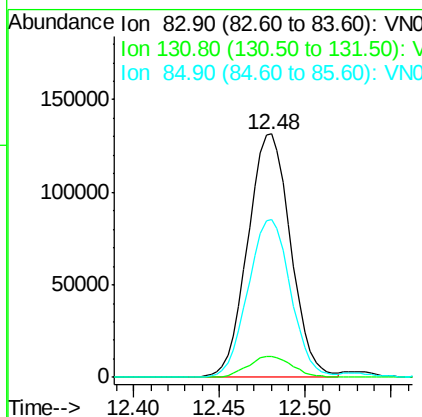
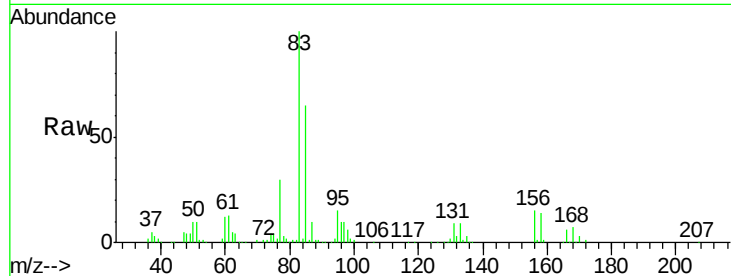
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 227370 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 8.9   | 4.8   | 14.4   |
| 85        | 64.9  | 32.4  | 97.0   |

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#76

1,2,3-Trichloropropane

Concen: 46.144 ug/l m

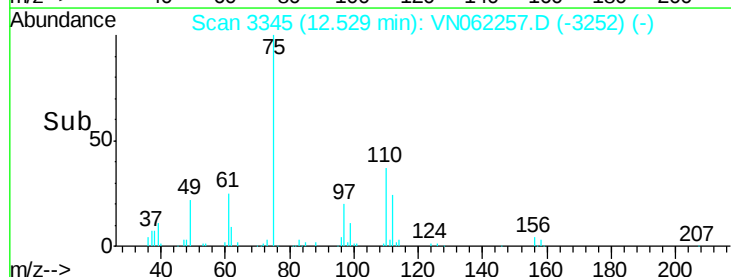
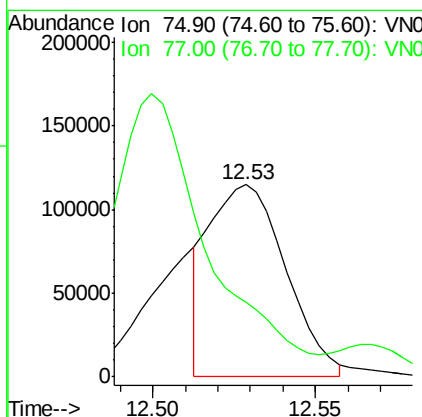
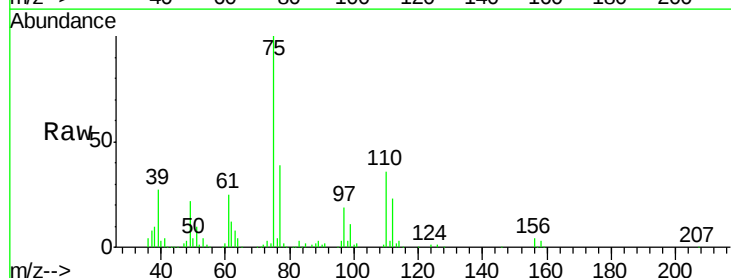
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 188468 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |





#77

Bromobenzene

Concen: 45.676 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

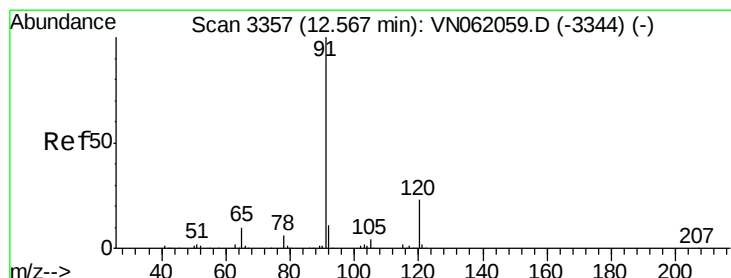
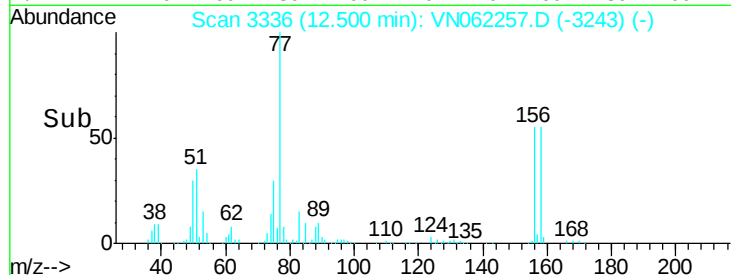
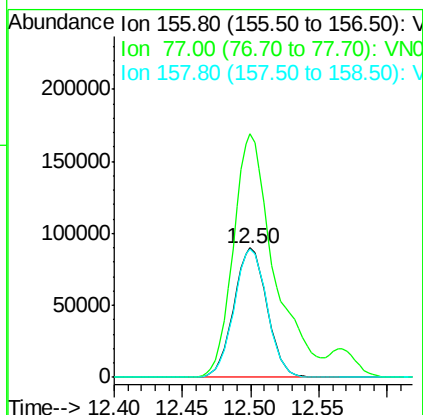
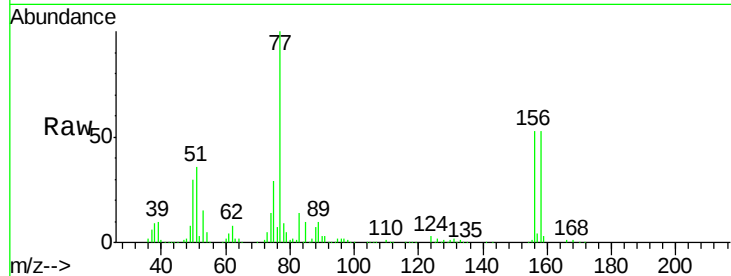
ClientSampled :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 229.6 | 104.6 | 313.8 |
| 158     | 98.6  | 48.0  | 144.0 |

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#78

n-propylbenzene

Concen: 51.490 ug/l

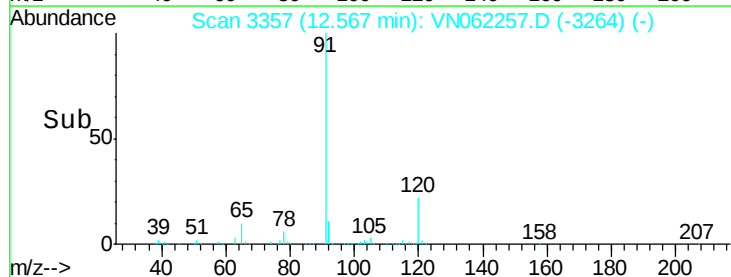
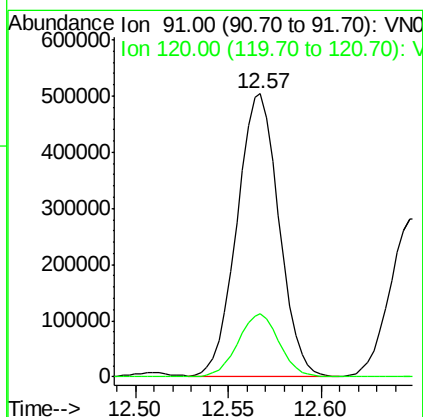
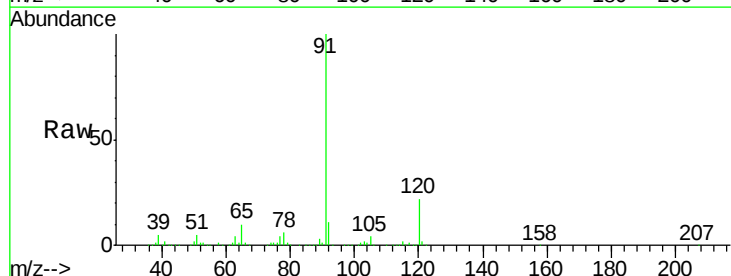
RT: 12.57 min Scan# 3357

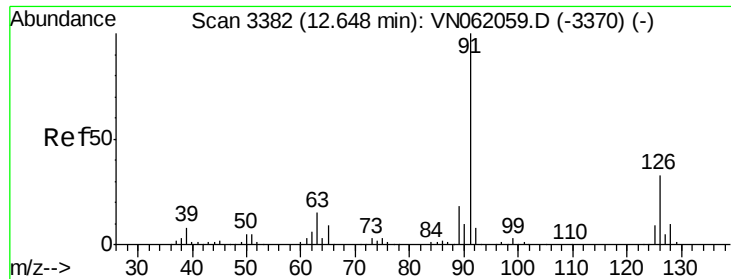
Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.0  | 11.4  | 34.1  |





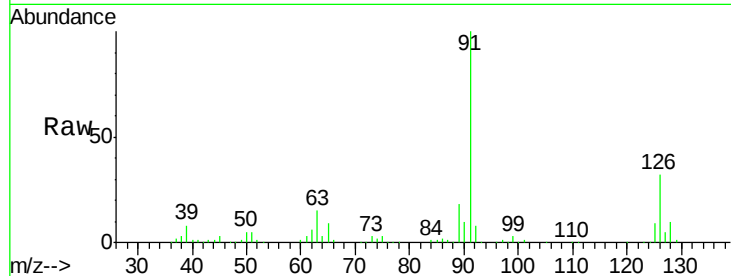
#79  
2-Chlorotoluene  
Concen: 49.631 ug/l  
RT: 12.65 min Scan# 3382  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

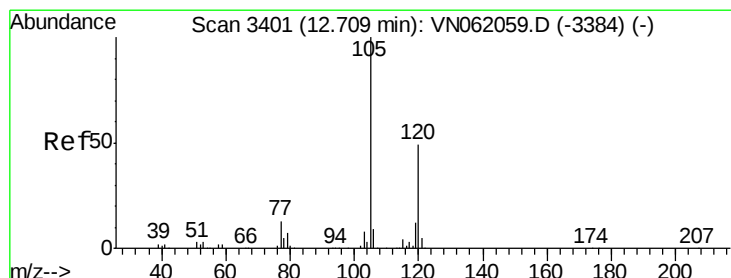
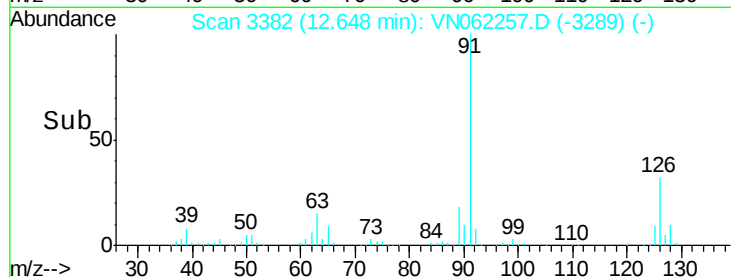
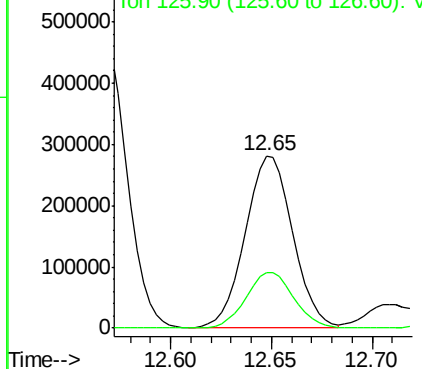
Tot Ion: 91 Resp: 460935  
Ion Ratio Lower Upper  
91 100  
126 32.8 16.9 50.7

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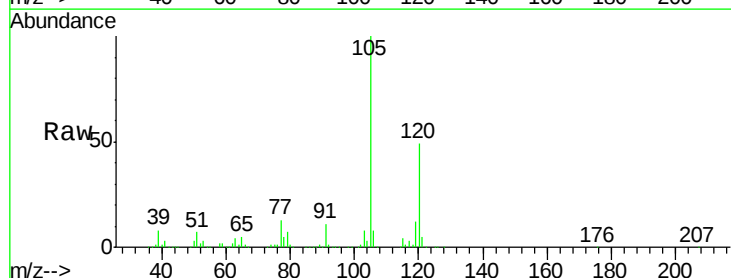


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)  
Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)

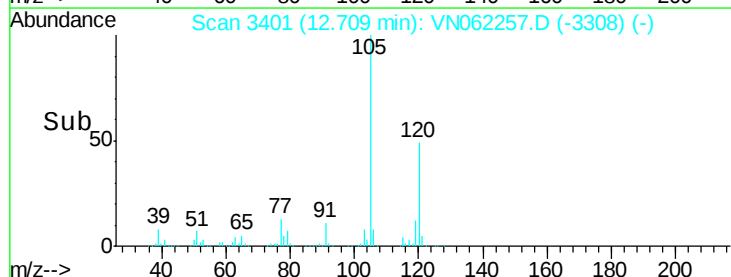
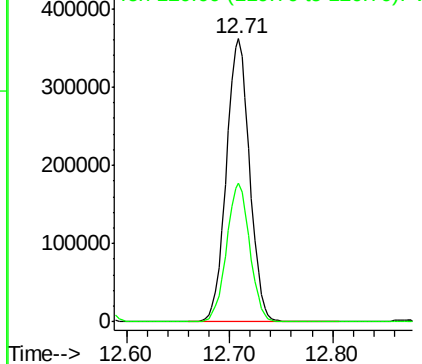


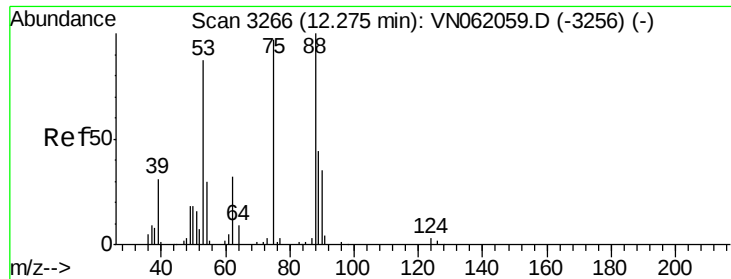
#80  
1,3,5-Trimethylbenzene  
Concen: 52.071 ug/l  
RT: 12.71 min Scan# 3401  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Tgt Ion: 105 Resp: 566915  
Ion Ratio Lower Upper  
105 100  
120 48.9 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) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.842 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

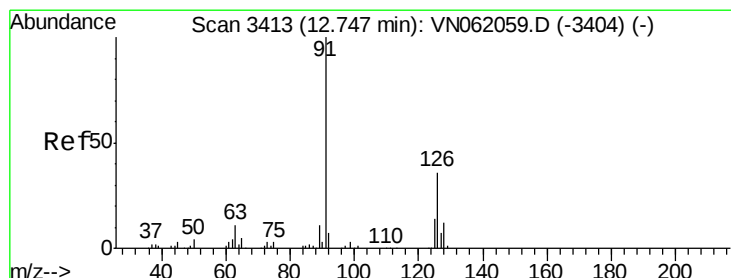
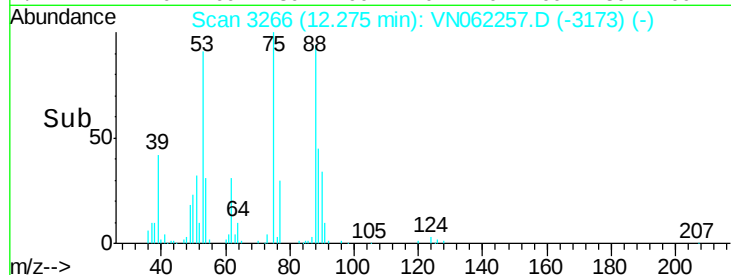
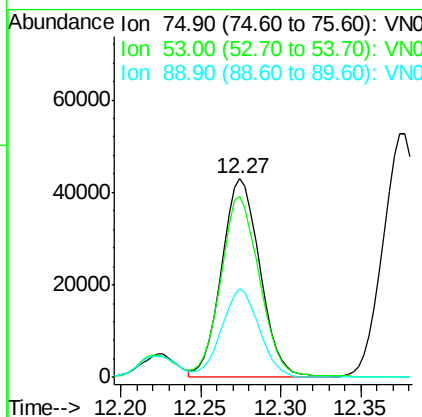
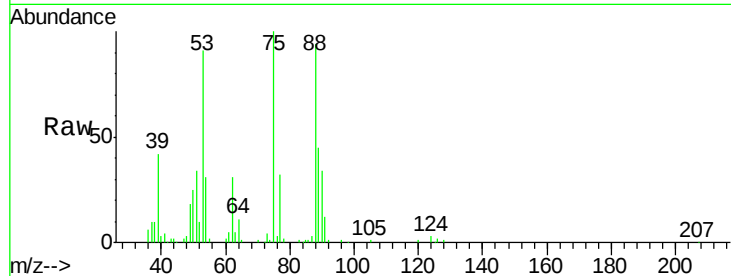
ClientSampled :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 69708 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 93.9  | 72.0  | 108.0 |
| 89       | 44.1  | 36.9  | 55.3  |

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#82

4-Chlorotoluene

Concen: 50.120 ug/l

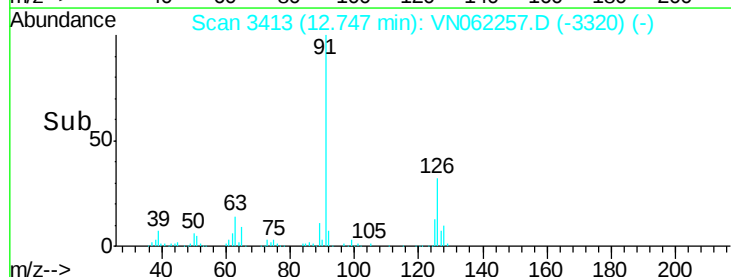
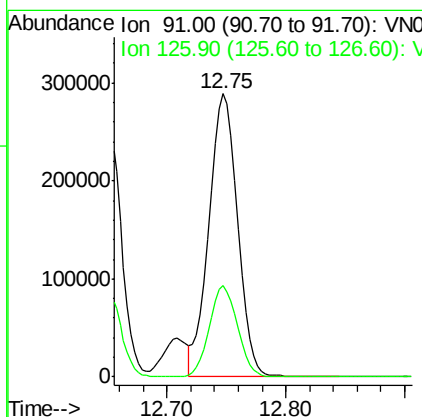
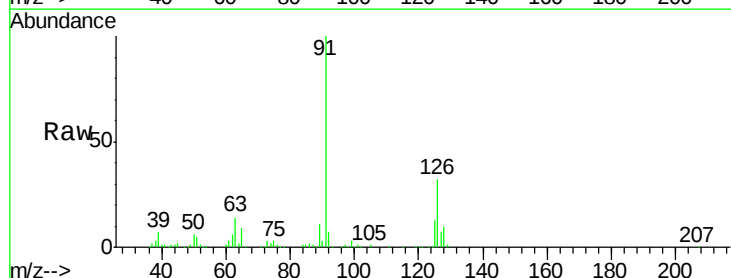
RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 481354 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 31.6  | 16.7  | 50.1   |





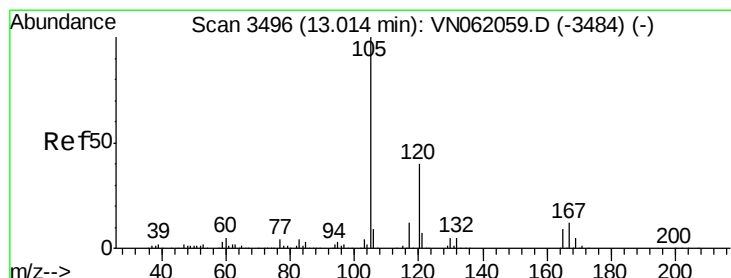
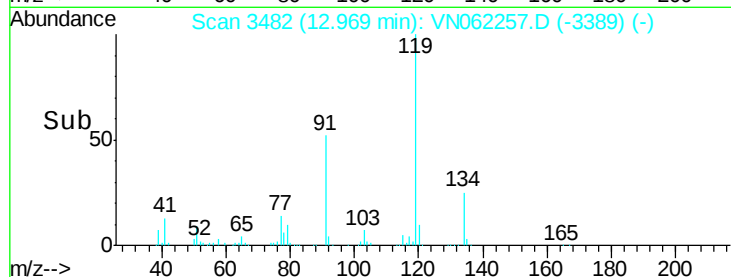
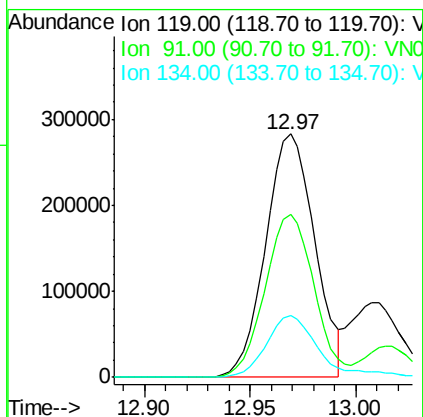
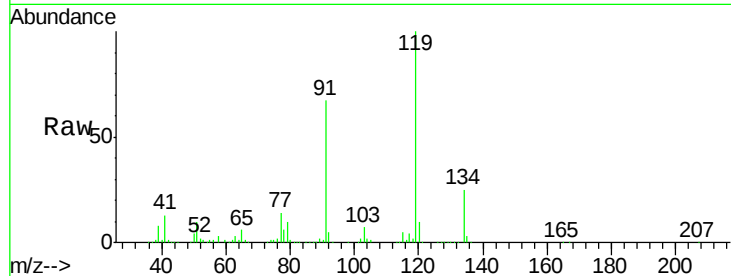
#83  
tert-Butylbenzene  
Concen: 49.283 ug/l  
RT: 12.97 min Scan# 3482  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 67.1  | 31.7  | 95.1  |
| 134     | 27.2  | 13.1  | 39.1  |

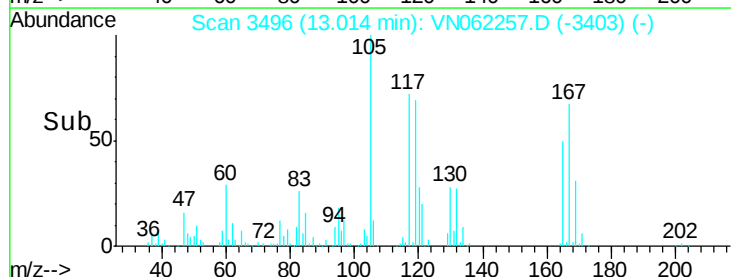
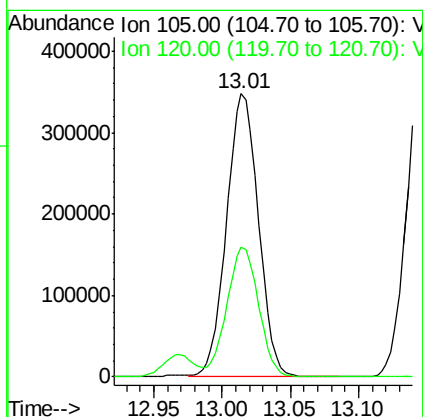
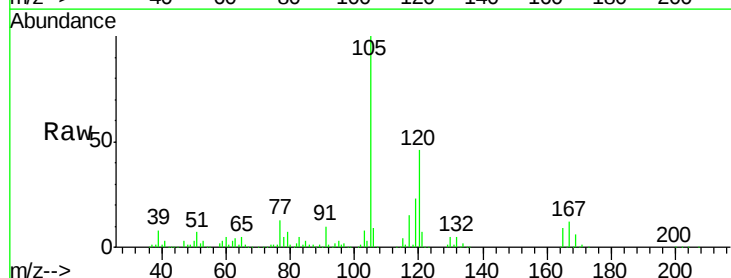
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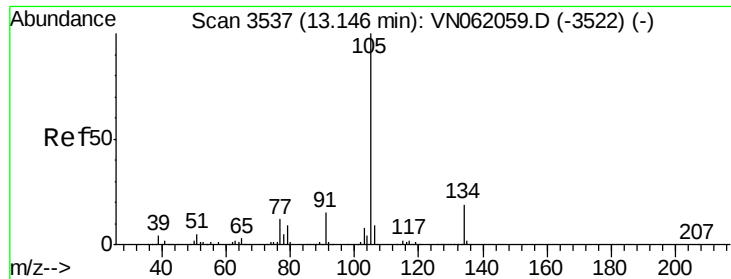
MMDadoda  
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#84  
1,2,4-Trimethylbenzene  
Concen: 51.771 ug/l  
RT: 13.01 min Scan# 3496  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.8  | 23.2  | 69.5  |





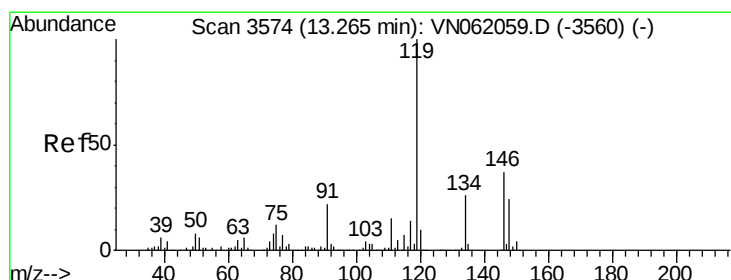
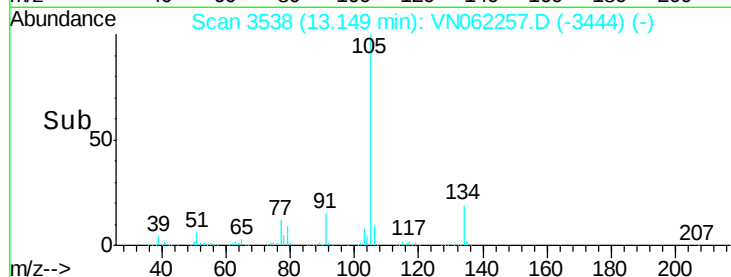
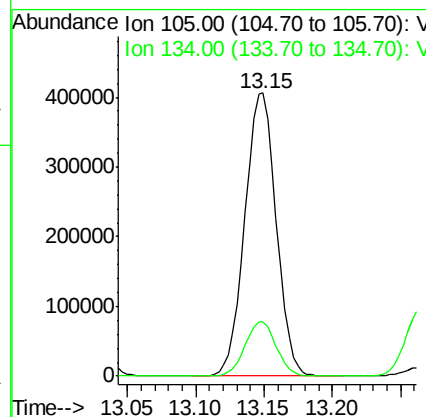
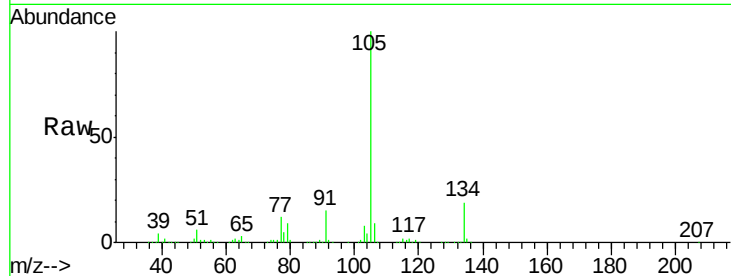
#85  
 sec-Butylbenzene  
 Concen: 52.489 ug/l  
 RT: 13.15 min Scan# 3538  
 Delta R.T. 0.00 min  
 Lab File: VN062257.D  
 Acq: 30 Jun 2020 22:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 19.2  | 9.7   | 29.1  |

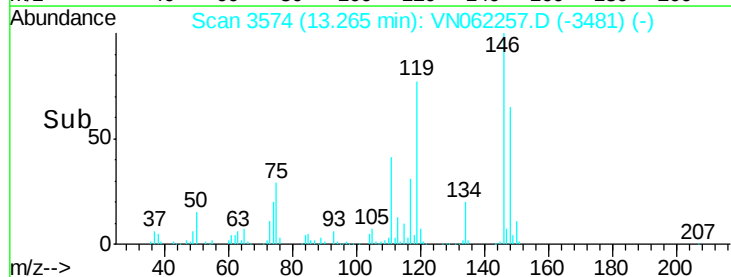
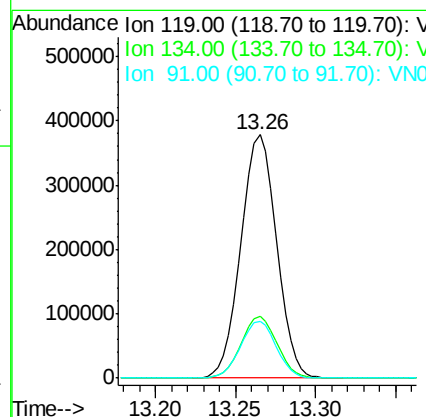
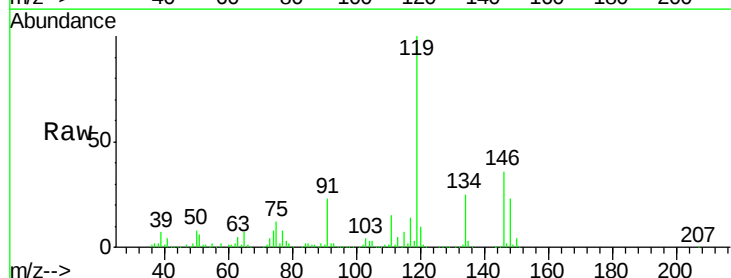
Manual Integrations  
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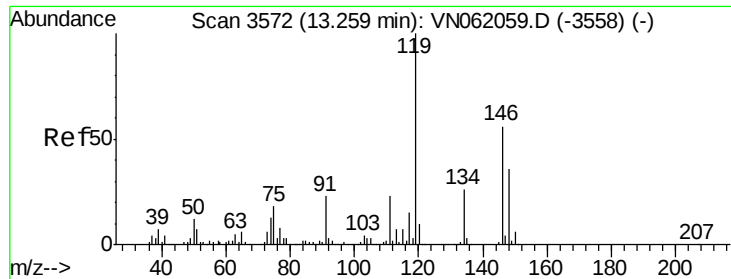
MMDadoda  
 7/1/2020 11:04:30 AM



#86  
 p-Isopropyltoluene  
 Concen: 53.181 ug/l  
 RT: 13.26 min Scan# 3574  
 Delta R.T. -0.00 min  
 Lab File: VN062257.D  
 Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 25.6  | 13.0  | 39.0  |
| 91      | 23.3  | 11.3  | 33.8  |





#87

1,3-Dichlorobenzene

Concen: 48.026 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

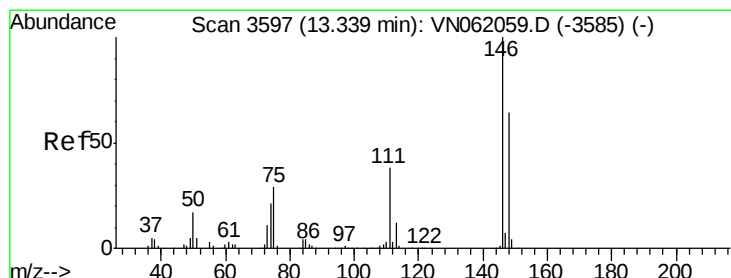
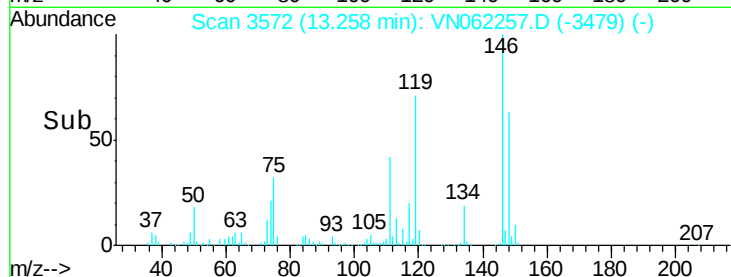
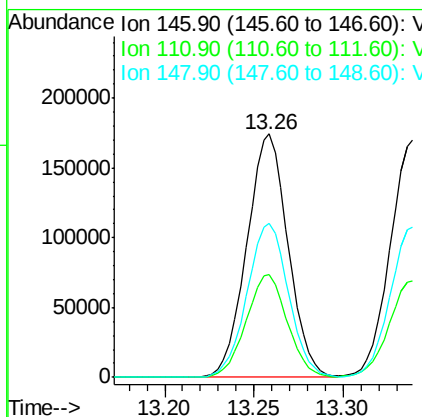
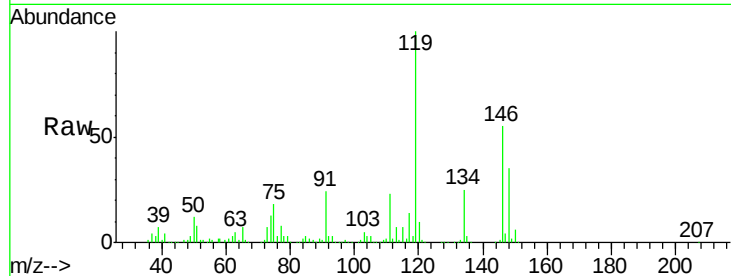
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 281194 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 42.3  | 20.3  | 61.0   |
| 148       | 63.7  | 31.8  | 95.3   |

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#88

1,4-Dichlorobenzene

Concen: 46.134 ug/l

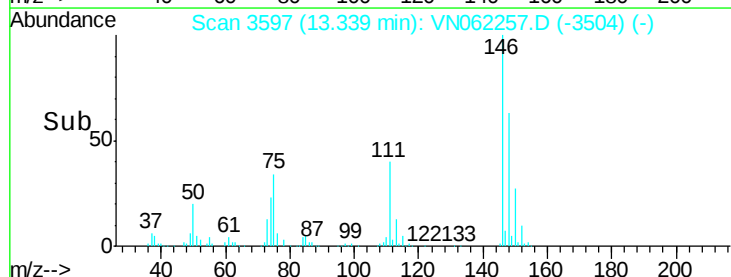
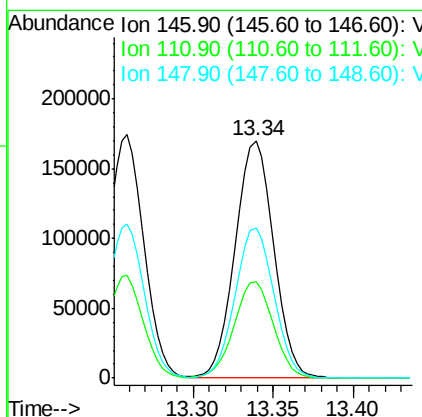
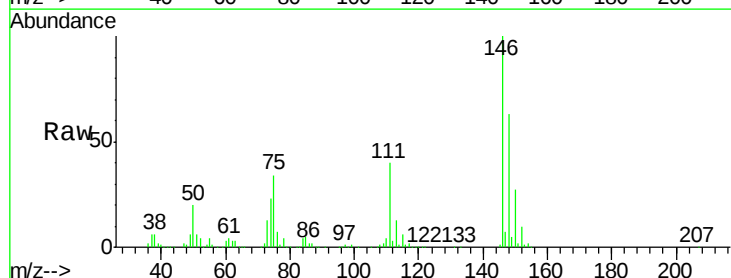
RT: 13.34 min Scan# 3597

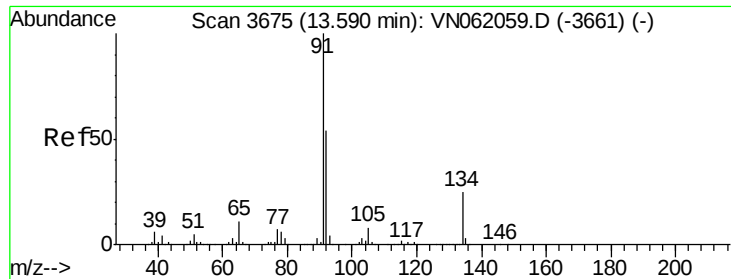
Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 278441 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 41.3  | 19.9  | 59.6   |
| 148       | 63.8  | 31.9  | 95.9   |





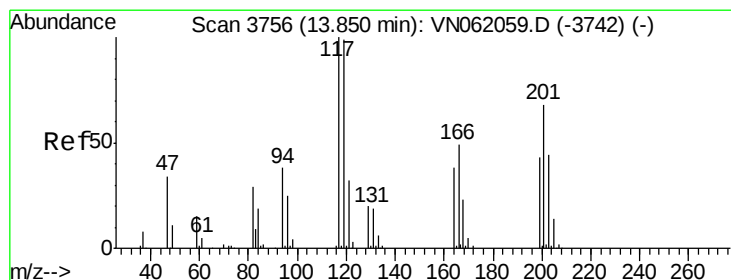
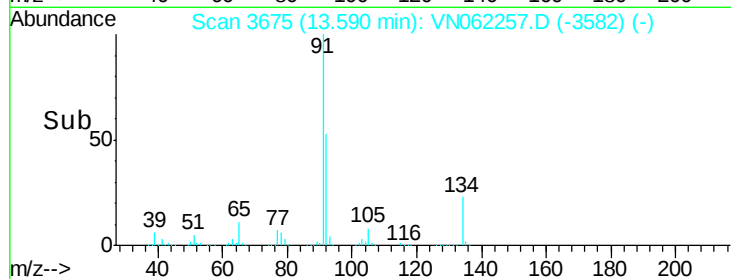
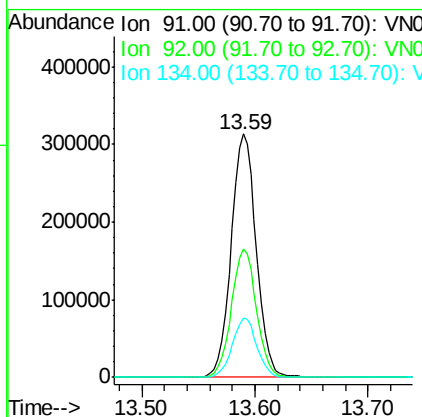
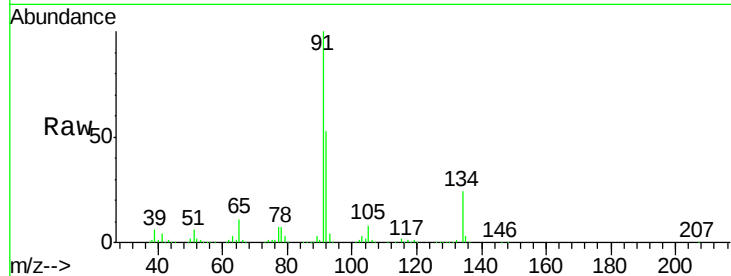
#89  
n-Butylbenzene  
Concen: 53.795 ug/l  
RT: 13.59 min Scan# 3675  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.7  | 26.6  | 79.7  |
| 134     | 23.9  | 12.3  | 36.9  |

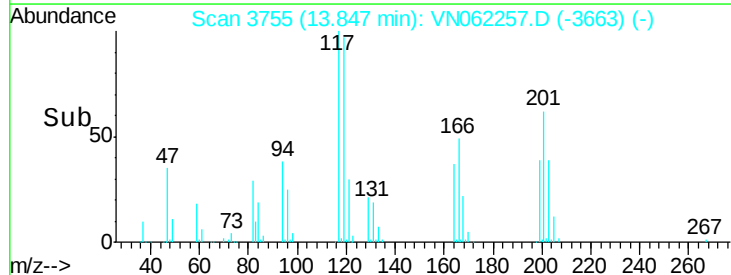
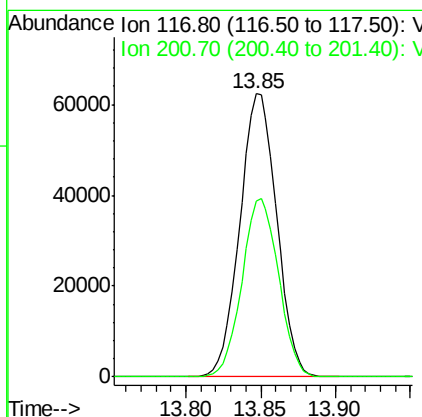
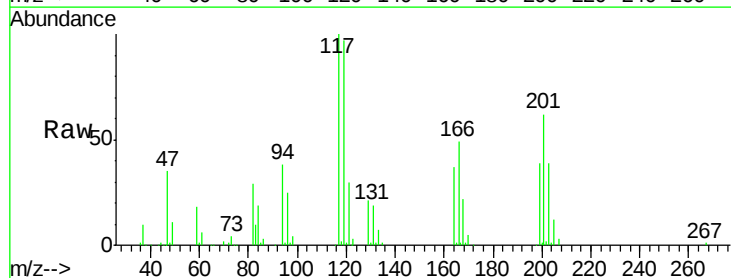
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#90  
Hexachloroethane  
Concen: 50.595 ug/l  
RT: 13.85 min Scan# 3755  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 62.3  | 32.7  | 98.1  |





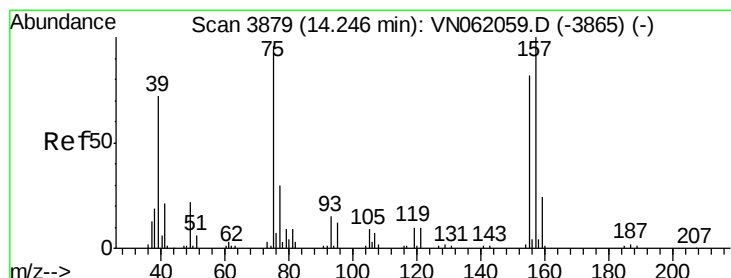
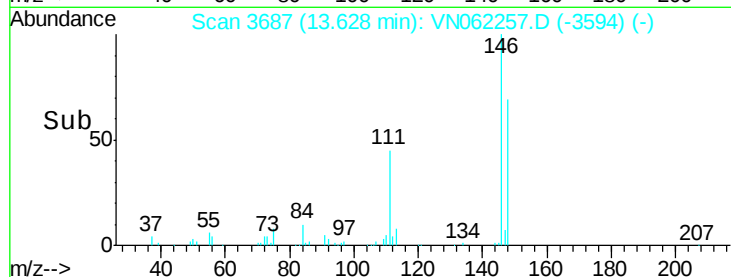
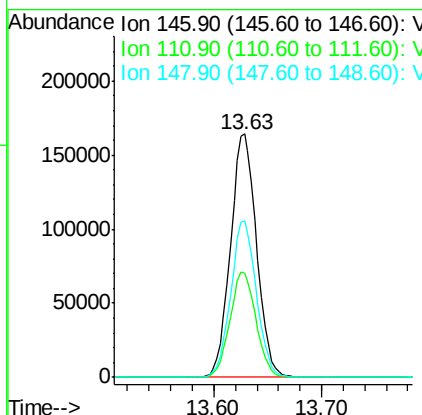
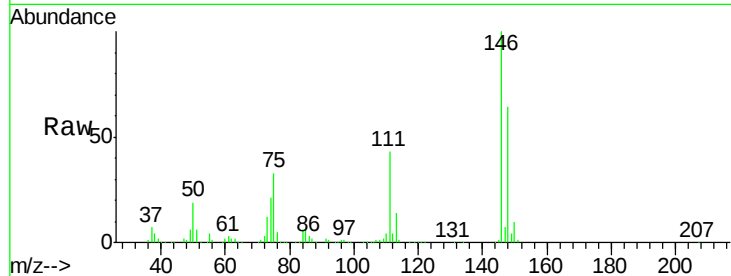
#91  
 1,2-Dichlorobenzene  
 Concen: 48.823 ug/l  
 RT: 13.63 min Scan# 3687  
 Delta R.T. -0.00 min  
 Lab File: VN062257.D  
 Acq: 30 Jun 2020 22:40

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.2  | 21.2  | 63.6  |
| 148     | 63.4  | 31.9  | 95.5  |

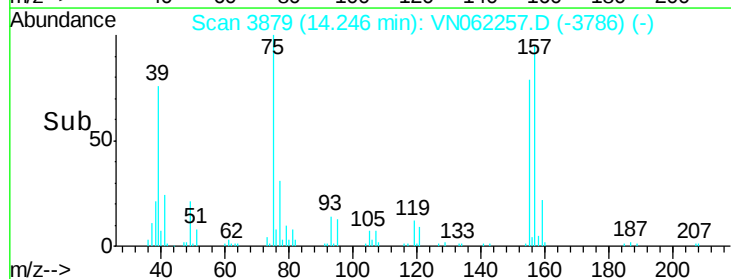
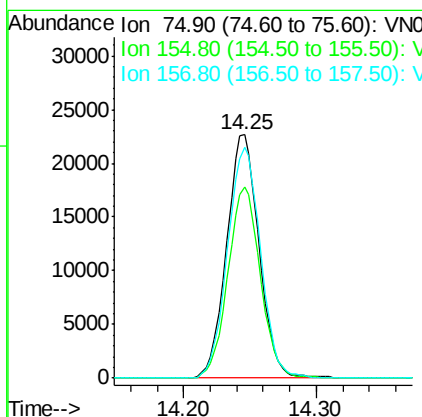
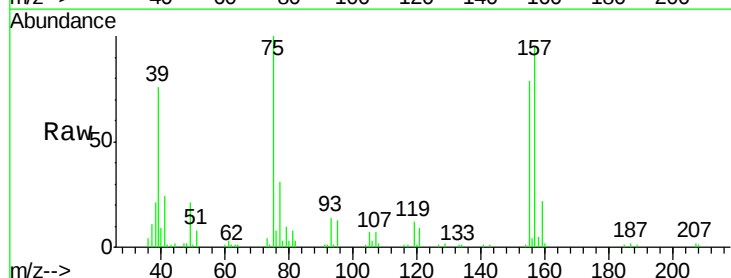
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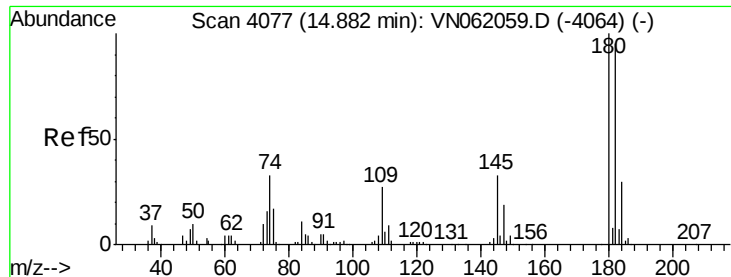
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 53.703 ug/l  
 RT: 14.25 min Scan# 3879  
 Delta R.T. -0.00 min  
 Lab File: VN062257.D  
 Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 78.5  | 40.8  | 122.4 |
| 157     | 96.3  | 51.4  | 154.3 |





#93

1,2,4-Trichlorobenzene

Concen: 49.528 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. -0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

Instrument :

MSVOA\_N

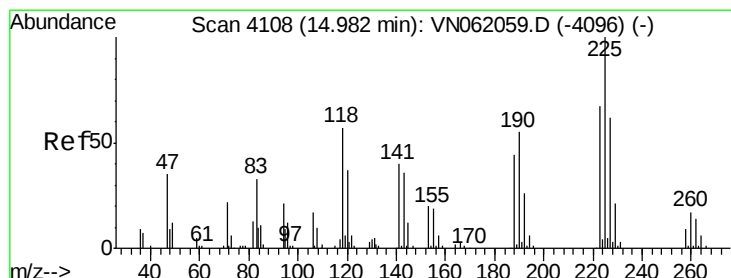
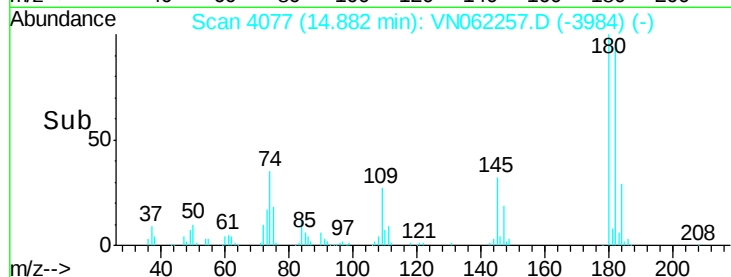
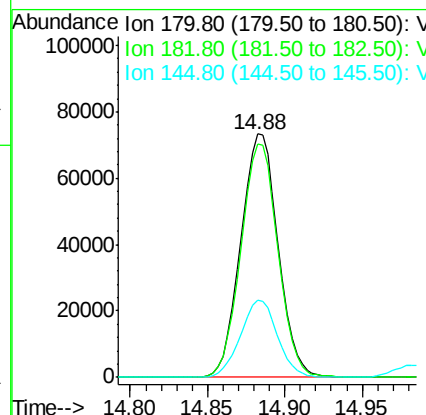
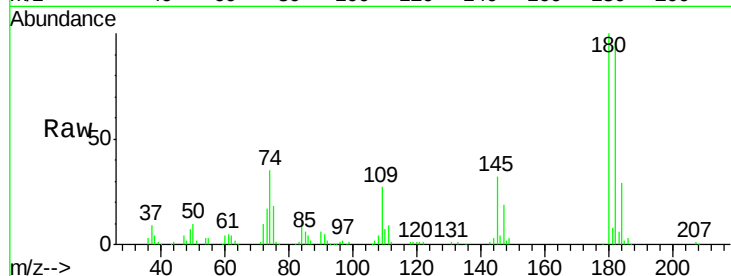
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 180   | Resp: | 122845 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.4  | 48.0  | 144.2  |
| 145       | 31.4  | 16.0  | 48.0   |

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#94

Hexachlorobutadiene

Concen: 48.229 ug/l

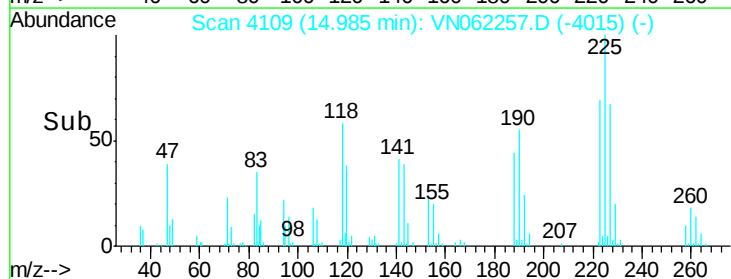
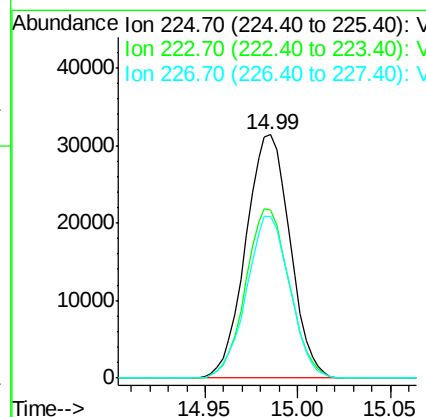
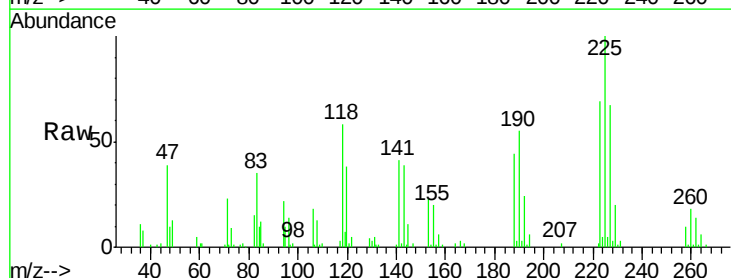
RT: 14.99 min Scan# 4109

Delta R.T. 0.00 min

Lab File: VN062257.D

Acq: 30 Jun 2020 22:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 51956 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 68.6  | 32.9  | 98.7  |
| 227       | 65.3  | 31.3  | 93.8  |





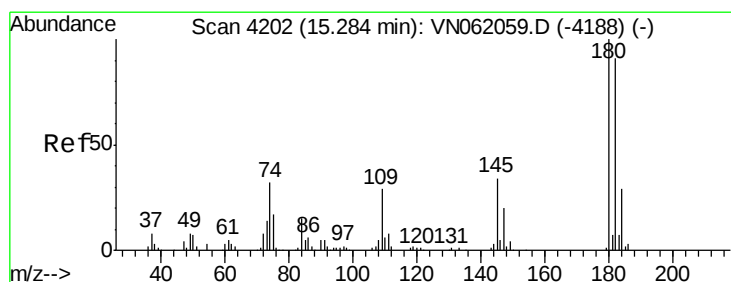
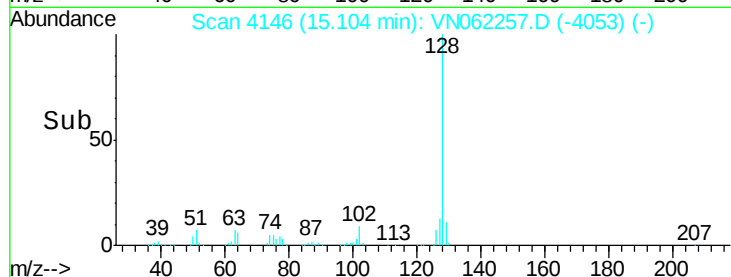
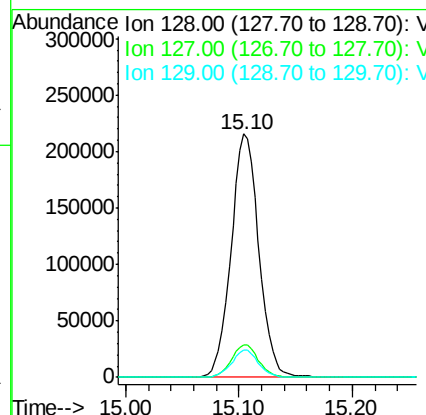
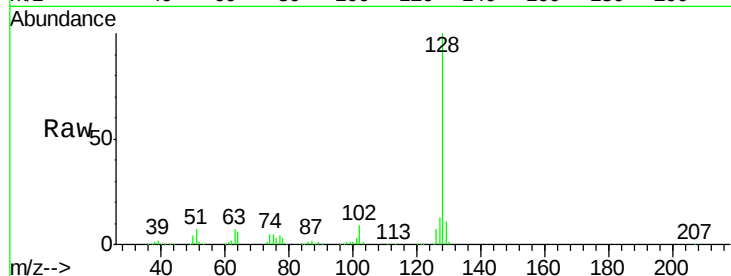
#95  
Naphthalene  
Concen: 44.936 ug/l  
RT: 15.10 min Scan# 4146  
Delta R.T. 0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.1  | 10.5  | 15.7  |
| 129     | 10.9  | 8.6   | 13.0  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 48.831 ug/l  
RT: 15.28 min Scan# 4202  
Delta R.T. -0.00 min  
Lab File: VN062257.D  
Acq: 30 Jun 2020 22:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.2  | 46.8  | 140.4 |
| 145     | 33.2  | 16.4  | 49.2  |

