

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\  
 Data File : VN063526.D  
 Acq On : 22 Sep 2020 12:08  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 9/23/2020 1:05:38 PM

Quant Time: Sep 23 04:06:15 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 16 13:05:20 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 299606   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 502602   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 474673   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 231728   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 227825   | 44.67 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.34%  |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 161715   | 46.48 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.96%  |      |
| 50) Toluene-d8            | 10.06  | 98  | 630340   | 48.18 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.36%  |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 243429   | 50.76 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.52% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 161685  | 47.635  | ug/l | 100    |
| 3) Chloromethane              | 2.04 | 50  | 193497  | 43.093  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.16 | 62  | 188012  | 47.260  | ug/l | 97     |
| 5) Bromomethane               | 2.53 | 94  | 117945  | 49.933  | ug/l | 99     |
| 6) Chloroethane               | 2.67 | 64  | 113758  | 46.583  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 293467  | 49.442  | ug/l | 98     |
| 8) Diethyl Ether              | 3.37 | 74  | 109785  | 47.447  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 165085  | 49.456  | ug/l | 98     |
| 10) Methyl Iodide             | 3.91 | 142 | 204324  | 47.015  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.72 | 59  | 145265  | 205.600 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.70 | 96  | 159297  | 47.115  | ug/l | 98     |
| 13) Acrolein                  | 3.56 | 56  | 104391  | 398.691 | ug/l | 98     |
| 14) Allyl chloride            | 4.28 | 41  | 309365  | 46.258  | ug/l | 98     |
| 15) Acrylonitrile             | 4.93 | 53  | 422149  | 234.891 | ug/l | 99     |
| 16) Acetone                   | 3.77 | 43  | 406641  | 248.091 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.01 | 76  | 438881  | 44.626  | ug/l | 100    |
| 18) Methyl Acetate            | 4.27 | 43  | 204167  | 49.066  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 584350  | 46.373  | ug/l | 100    |
| 20) Methylene Chloride        | 4.50 | 84  | 191061  | 46.008  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 174611  | 46.614  | ug/l | 95     |
| 22) Diisopropyl ether         | 5.90 | 45  | 635303  | 46.578  | ug/l | 100    |
| 23) Vinyl Acetate             | 5.84 | 43  | 2634350 | 235.174 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 347075  | 46.609  | ug/l | 99     |
| 25) 2-Butanone                | 6.78 | 43  | 596045  | 236.444 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 310530  | 47.364  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 202663  | 47.799  | ug/l | 99     |
| 28) Bromochloromethane        | 7.15 | 49  | 150992  | 43.915  | ug/l | 96     |
| 29) Tetrahydrofuran           | 7.16 | 42  | 386523  | 224.501 | ug/l | 99     |
| 30) Chloroform                | 7.33 | 83  | 360620  | 48.269  | ug/l | 98     |
| 31) Cyclohexane               | 7.61 | 56  | 299396  | 42.505  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 320992  | 48.306  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 267213  | 49.904  | ug/l | 100    |
| 37) Ethyl Acetate             | 6.88 | 43  | 253102  | 48.162  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 274752  | 50.267  | ug/l | 99     |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 9/23/2020 1:05:38 PM

Quant Time: Sep 23 04:06:15 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 16 13:05:20 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 278830   | 47.980  | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 753942   | 49.325  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.13  | 41   | 120673   | 51.055  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 304056   | 49.465  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 440006   | 46.825  | ug/l   | 98       |
| 44) Trichloroethene            | 8.80  | 130  | 192166   | 51.834  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 204351   | 49.087  | ug/l   | 99       |
| 46) Dibromomethane             | 9.17  | 93   | 138663   | 50.678  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.37  | 83   | 288962   | 50.835  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.16  | 41   | 218089   | 47.239  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.16  | 88   | 59058    | 891.399 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 1312352  | 249.463 | ug/l   | 100      |
| 52) Toluene                    | 10.13 | 92   | 480114   | 52.243  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 323031   | 50.904  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 336772   | 50.312  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 186882   | 51.196  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 291479   | 51.150  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 325199   | 49.402  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 680222   | 227.549 | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.72 | 43   | 985755   | 258.645 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.87 | 129  | 215448   | 52.244  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 198296   | 52.288  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 177174   | 54.816  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.41 | 112  | 504354   | 50.055  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 191793   | 51.927  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.48 | 91   | 957660   | 50.470  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.59 | 106  | 708574   | 103.571 | ug/l   | 98       |
| 69) o-Xylene                   | 11.92 | 106  | 336443   | 51.624  | ug/l   | 99       |
| 70) Styrene                    | 11.94 | 104  | 575803   | 52.685  | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 143165   | 52.031  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.22 | 105  | 918290   | 49.452  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.05 | 43   | 413114   | 46.997  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 272575   | 47.407  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 249753m  | 43.544  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 213071   | 51.010  | ug/l   | 95       |
| 78) n-propylbenzene            | 12.57 | 91   | 1075006  | 49.704  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 648547   | 50.023  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 781161   | 50.448  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 99044    | 47.343  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 696655   | 50.856  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 623103   | 48.756  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 787815   | 50.370  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.15 | 105  | 839180   | 49.055  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 758783   | 50.289  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 390293   | 50.412  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 395417   | 50.235  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 698506   | 50.224  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 132837   | 46.235  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 383119   | 50.404  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 62368    | 45.553  | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

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9/23/2020 1:05:38 PM

Quant Time: Sep 23 04:06:15 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 16 13:05:20 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 215625   | 48.119 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 102215   | 55.099 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 674201   | 45.540 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 200467   | 46.301 | ug/l  | 97       |

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

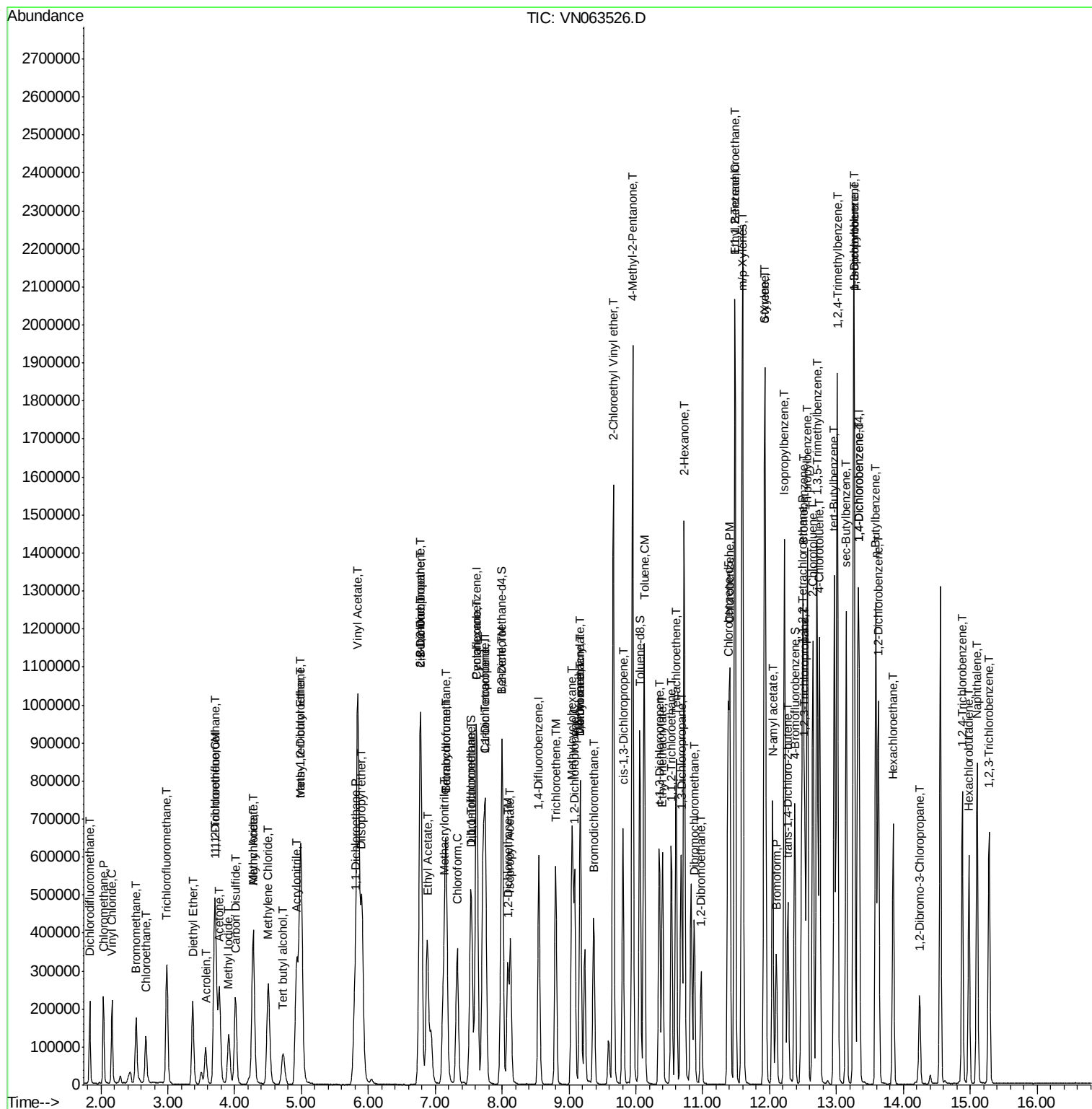
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 Data File : VN063526.D  
 Acq On : 22 Sep 2020 12:08  
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 Sample : VSTDCCC050  
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 ALS Vial : 2 Sample Multiplier: 1

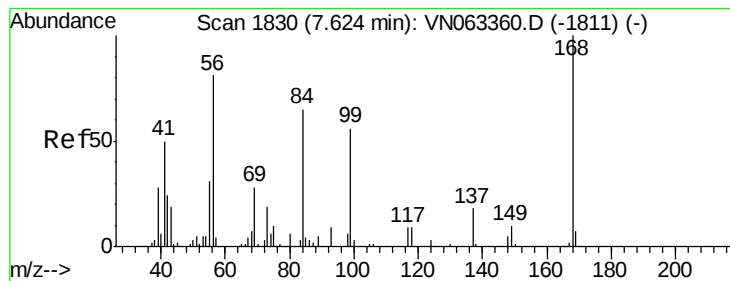
Instrument :  
 MSVOA\_N  
 Client Sampled :  
 VSTDCCC050

Manual Integrations  
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 9/23/2020 1:05:38 PM

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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 299606

Ion Ratio Lower Upper

168 100

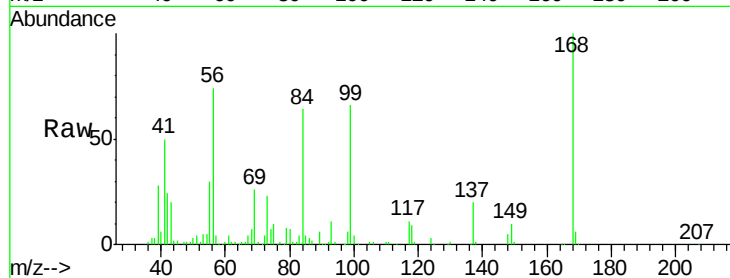
99 66.1 53.0 79.6

Manual Integrations

APPROVED

MMDadoda

9/23/2020 1:05:38 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

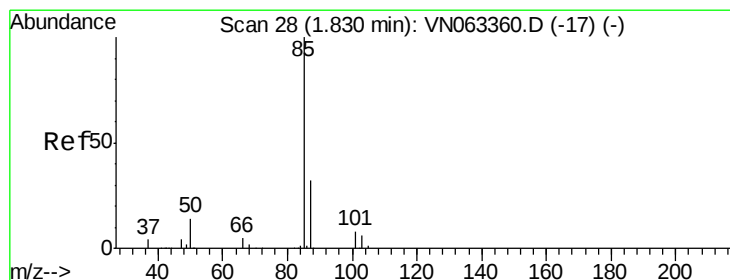
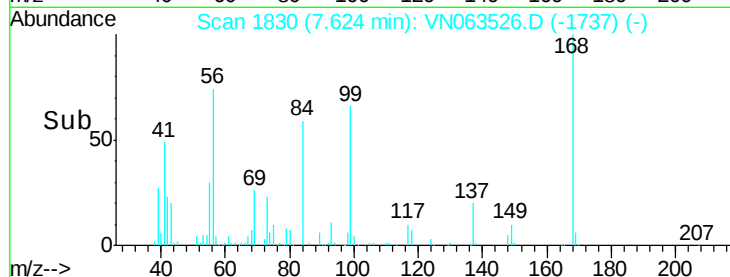
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.635 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063526.D

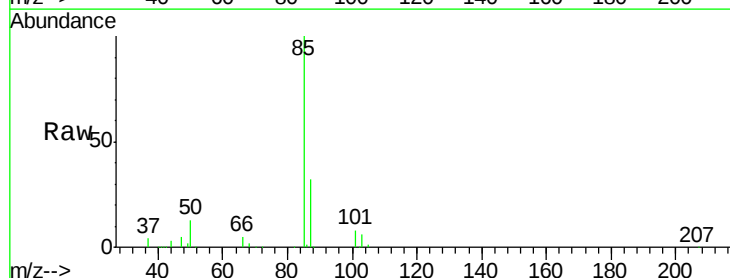
Acq: 22 Sep 2020 12:08

Tgt Ion: 85 Resp: 161685

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

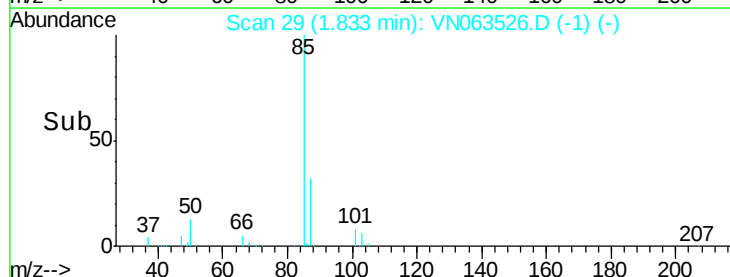
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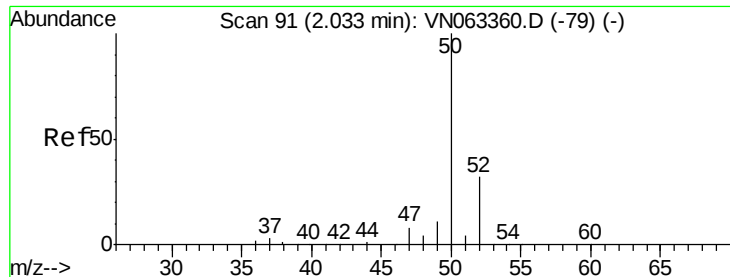
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.093 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 193497

Ion Ratio Lower Upper

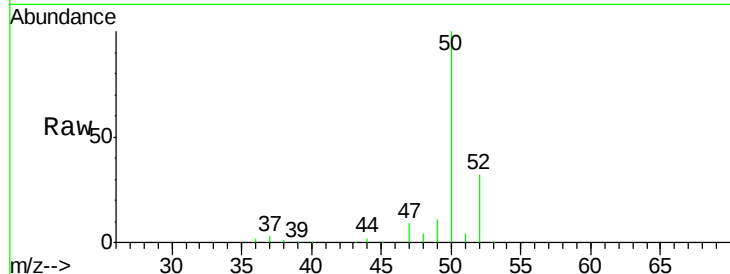
50 100

52 31.8 25.9 38.9

Manual Integrations  
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9/23/2020 1:05:38 PM



Abundance Ion 49.90 (49.60 to 50.60): VN063360.D (-79) (-)

Ion 51.90 (51.60 to 52.60): VN063360.D (-79) (-)

2.04

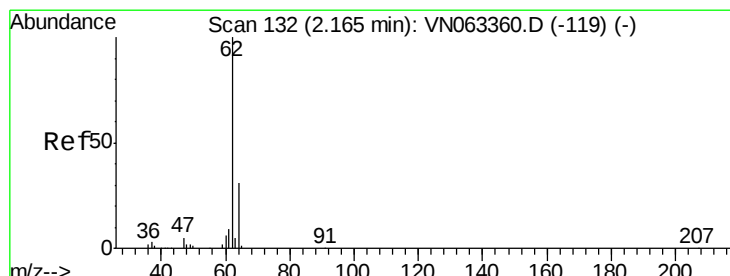
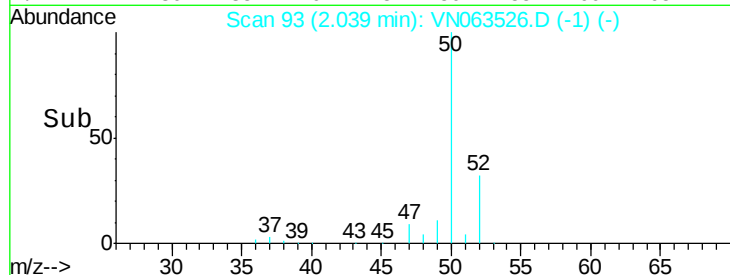
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.260 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063526.D

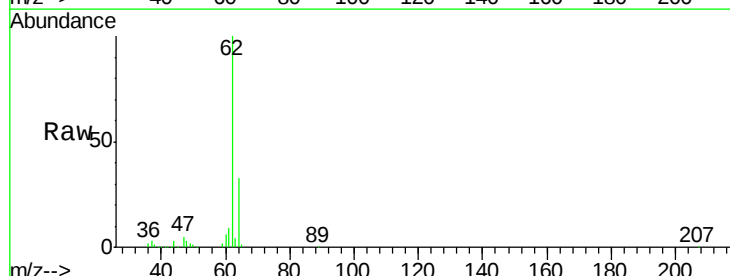
Acq: 22 Sep 2020 12:08

Tgt Ion: 62 Resp: 188012

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN063360.D (-119) (-)

Ion 63.90 (63.60 to 64.60): VN063360.D (-119) (-)

2.16

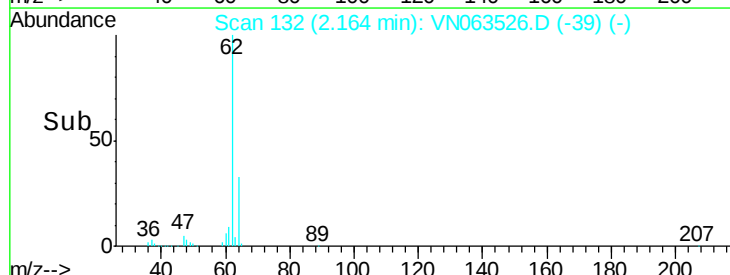
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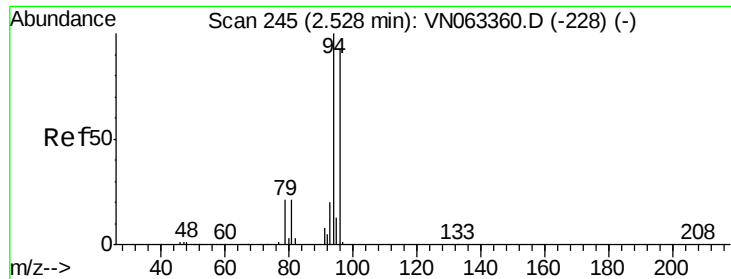
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50000

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Time-->





#5

Bromomethane

Concen: 49.933 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 117945

Ion Ratio Lower Upper

94 100

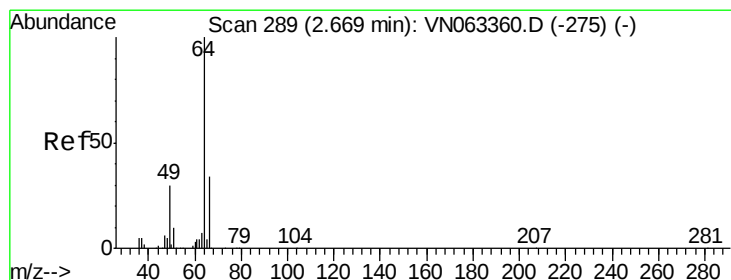
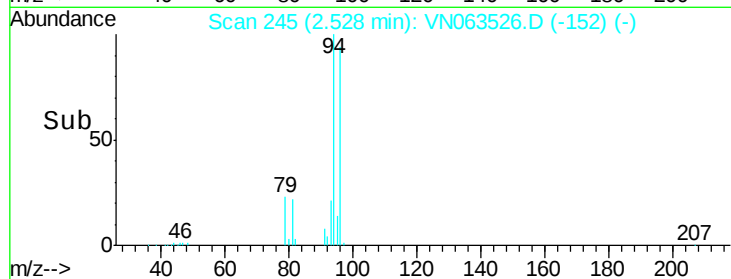
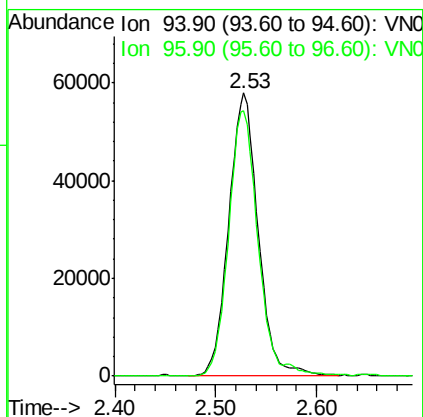
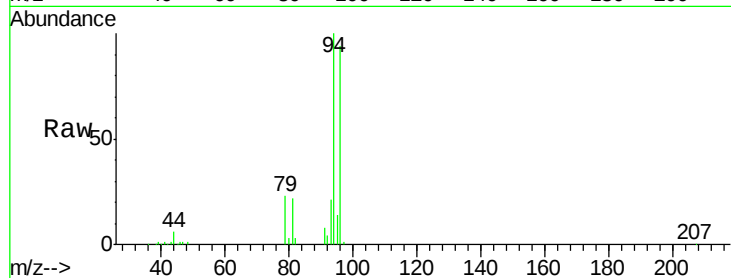
96 93.9 74.5 111.7

Manual Integrations

APPROVED

MMDadoda

9/23/2020 1:05:38 PM



#6

Chloroethane

Concen: 46.583 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063526.D

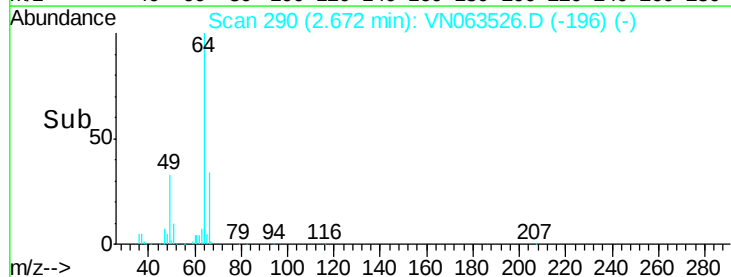
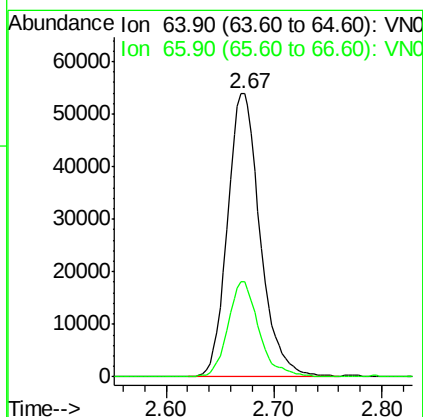
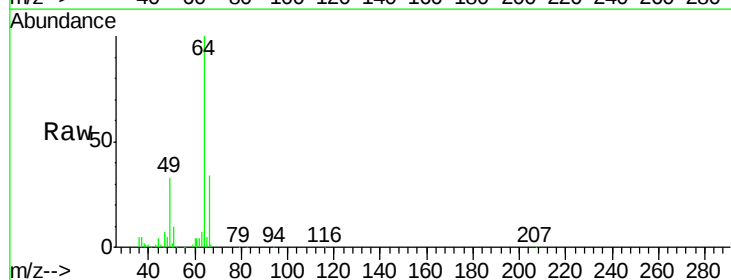
Acq: 22 Sep 2020 12:08

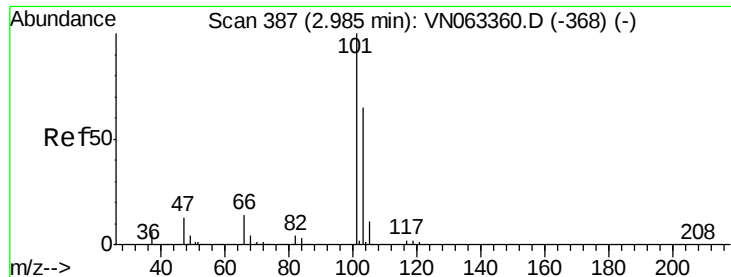
Tgt Ion: 64 Resp: 113758

Ion Ratio Lower Upper

64 100

66 33.6 26.9 40.3





#7

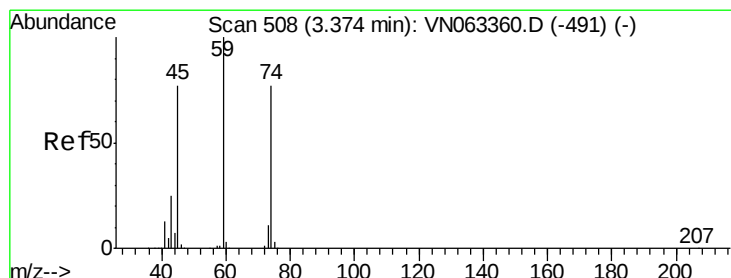
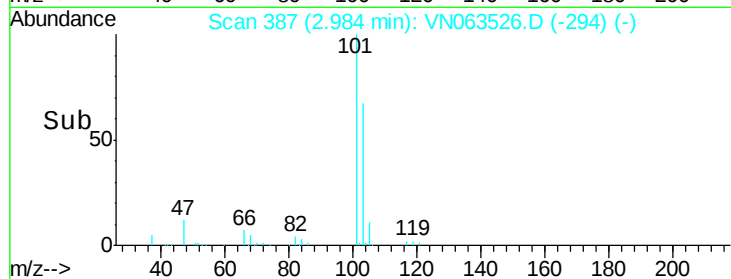
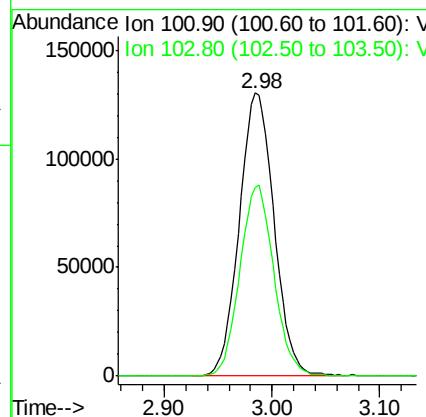
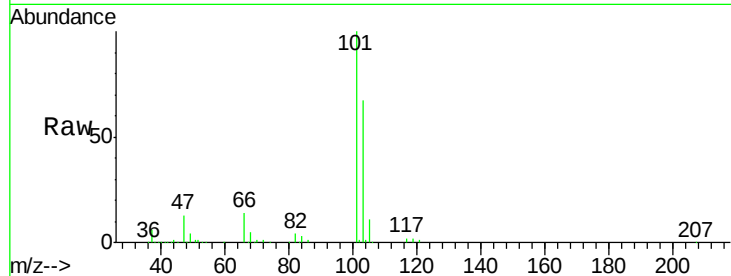
Trichlorofluoromethane  
Concen: 49.442 ug/l  
RT: 2.98 min Scan# 387  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.8  | 52.3  | 78.5  |

Manual Integrations  
APPROVED

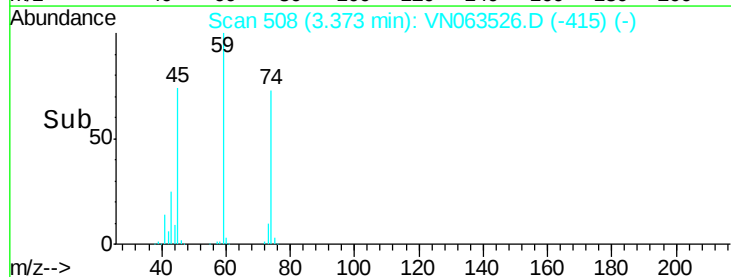
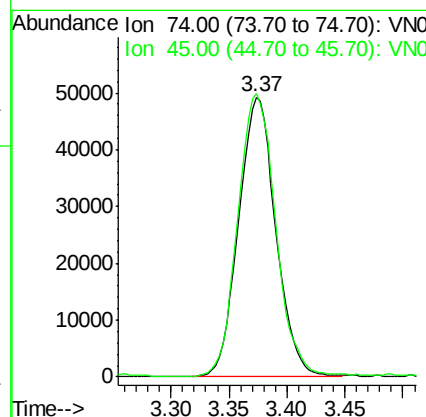
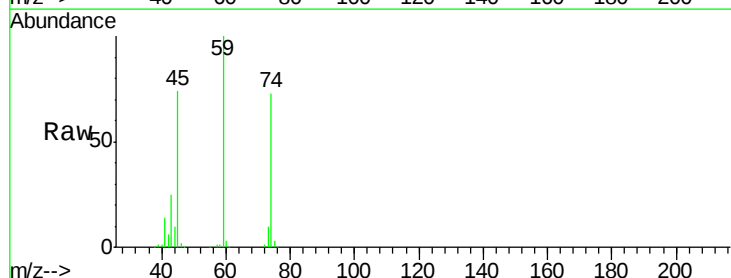
MMDadoda  
9/23/2020 1:05:38 PM

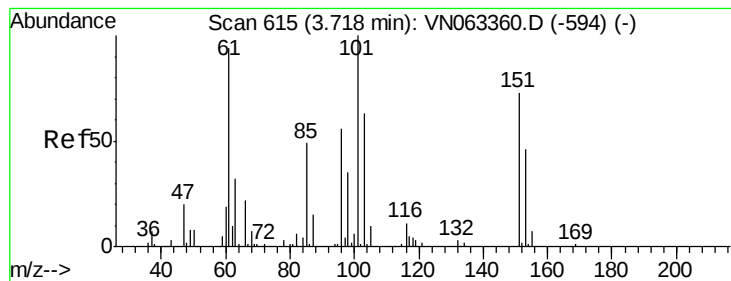


#8

Diethyl Ether  
Concen: 47.447 ug/l  
RT: 3.37 min Scan# 508  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 104.4 | 52.1  | 156.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.456 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA\_N

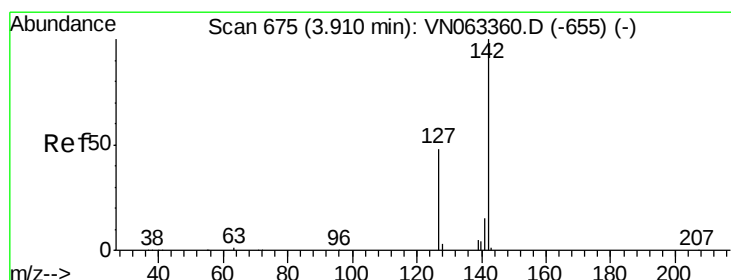
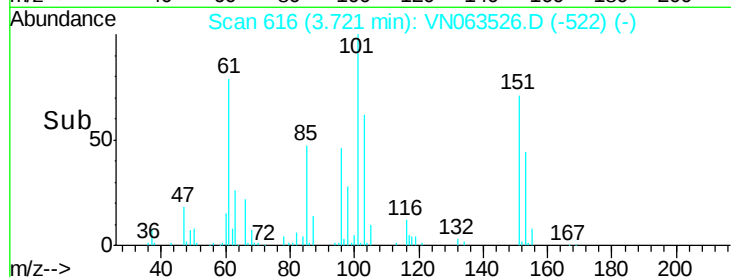
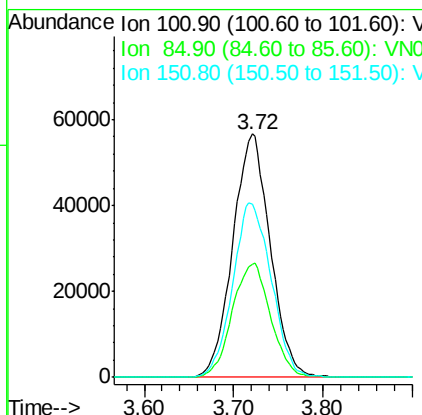
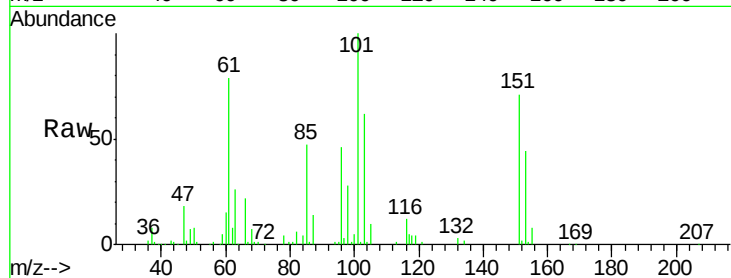
ClientSampled :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 165085 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 47.9  | 37.7  | 56.5   |
| 151       | 73.6  | 57.7  | 86.5   |

Manual Integrations  
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9/23/2020 1:05:38 PM



#10

Methyl Iodide

Concen: 47.015 ug/l

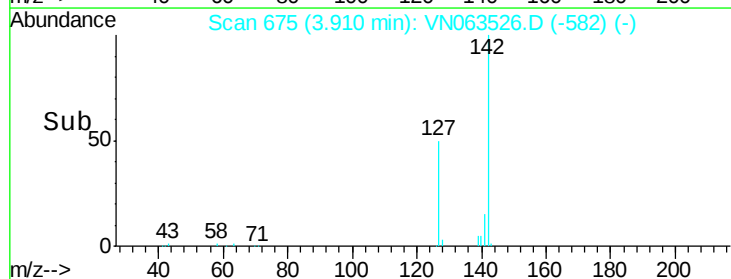
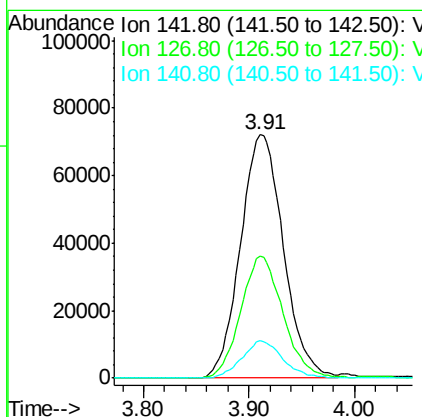
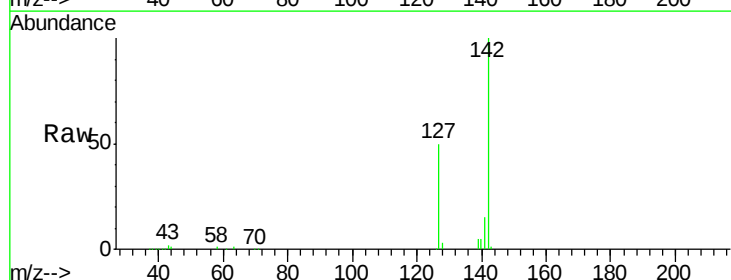
RT: 3.91 min Scan# 675

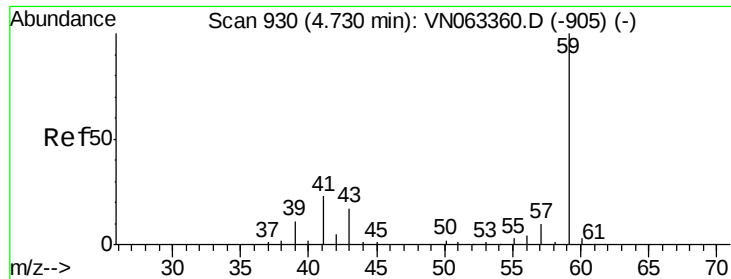
Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 204324 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 49.2  | 39.0  | 58.6   |
| 141       | 14.6  | 11.6  | 17.4   |





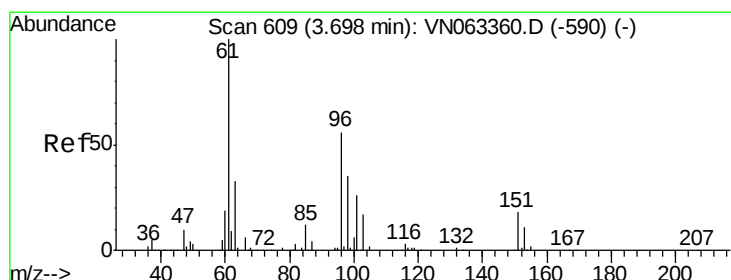
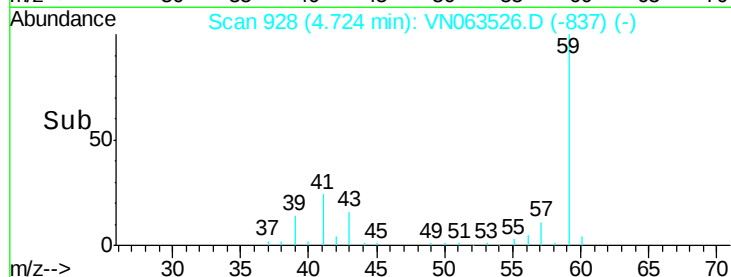
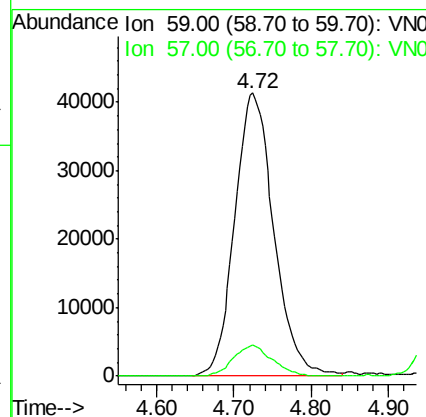
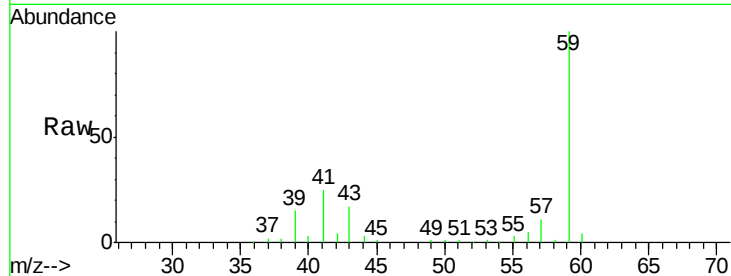
#11  
Tert butyl alcohol  
Concen: 205.600 ug/l  
RT: 4.72 min Scan# 928  
Delta R.T. -0.01 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 59 Resp: 145265  
Ion Ratio Lower Upper  
59 100  
57 10.8 8.4 12.6

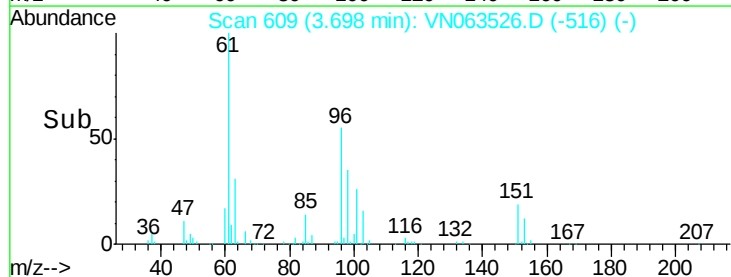
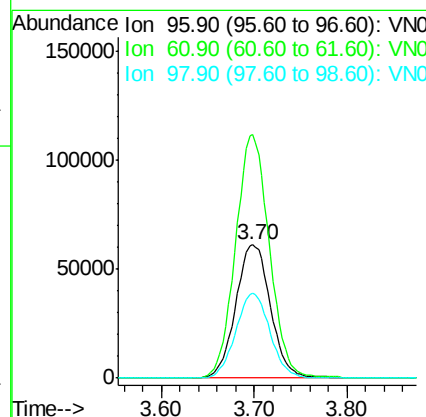
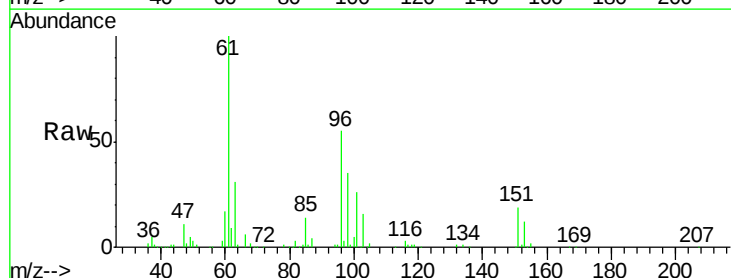
Manual Integrations  
APPROVED

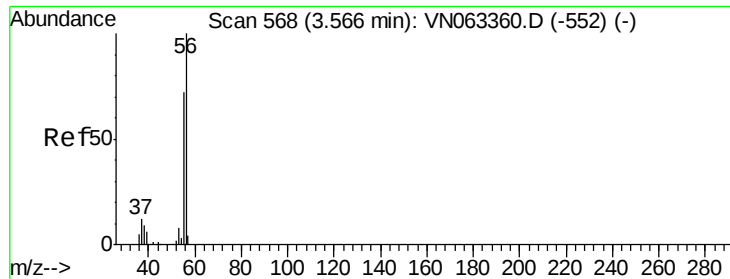
MMDadoda  
9/23/2020 1:05:38 PM



#12  
1,1-Dichloroethene  
Concen: 47.115 ug/l  
RT: 3.70 min Scan# 609  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Tgt Ion: 96 Resp: 159297  
Ion Ratio Lower Upper  
96 100  
61 182.8 143.4 215.2  
98 64.2 50.6 76.0





#13

Acrolein

Concen: 398.691 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 104391

Ion Ratio Lower Upper

56 100

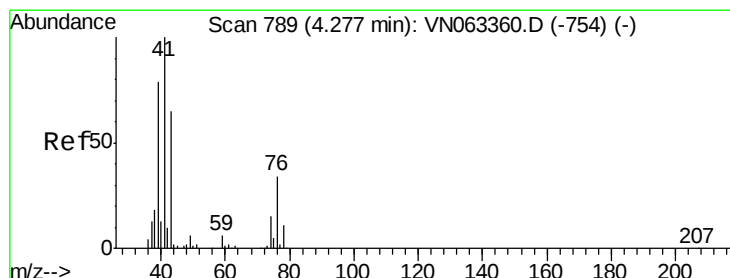
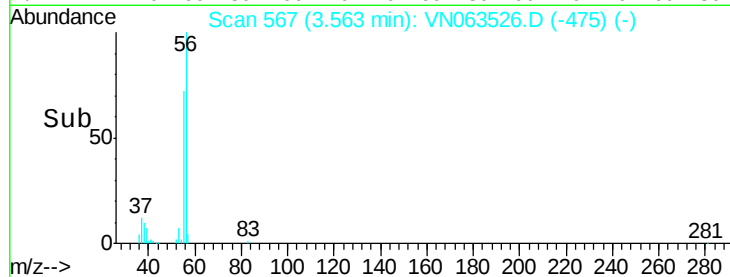
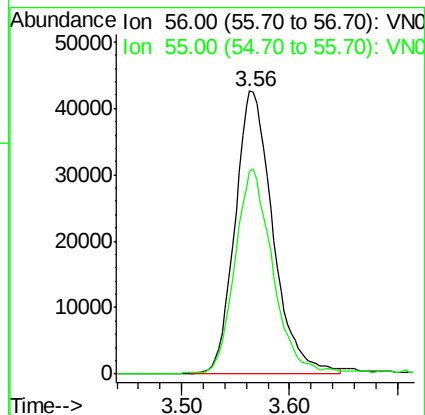
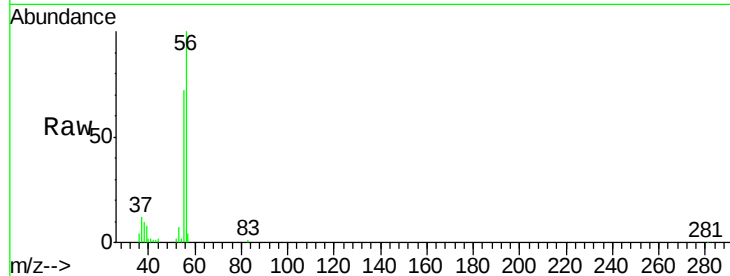
55 71.4 58.2 87.2

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 46.258 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

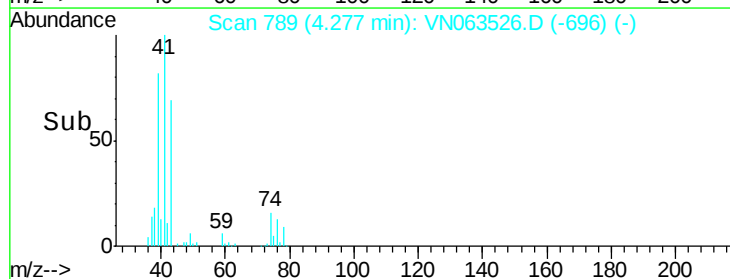
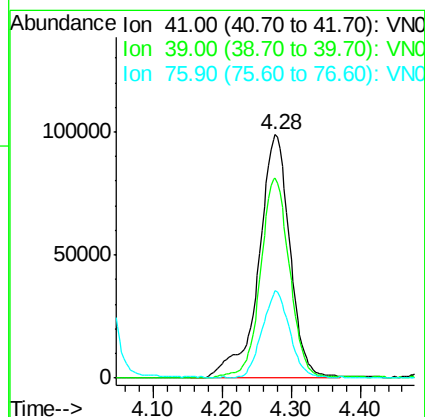
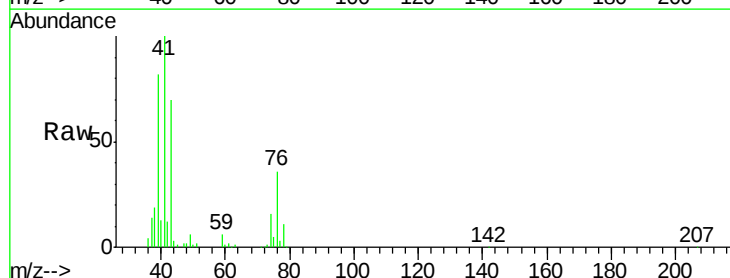
Tgt Ion: 41 Resp: 309365

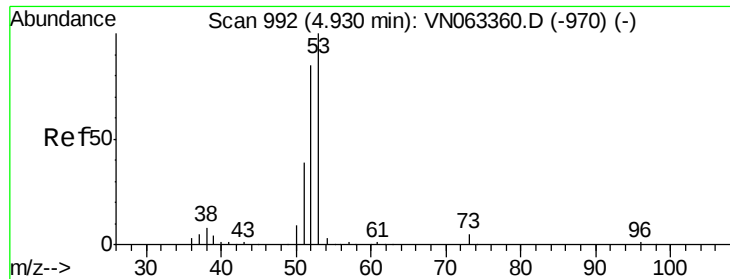
Ion Ratio Lower Upper

41 100

39 75.7 59.3 88.9

76 31.0 25.3 37.9





#15

Acrylonitrile

Concen: 234.891 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA\_N

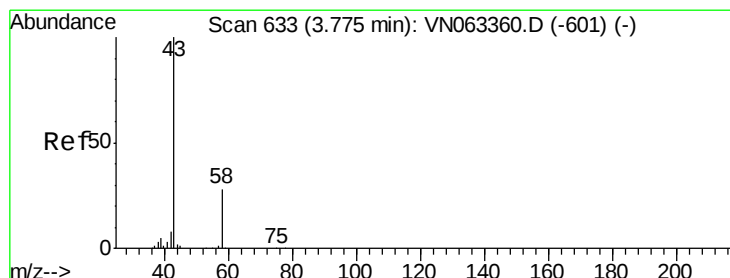
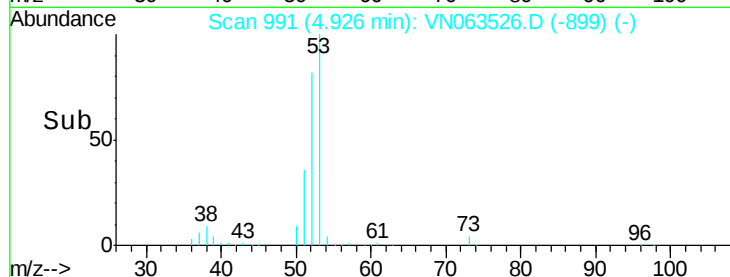
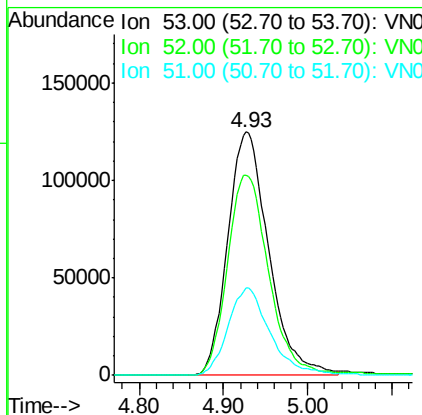
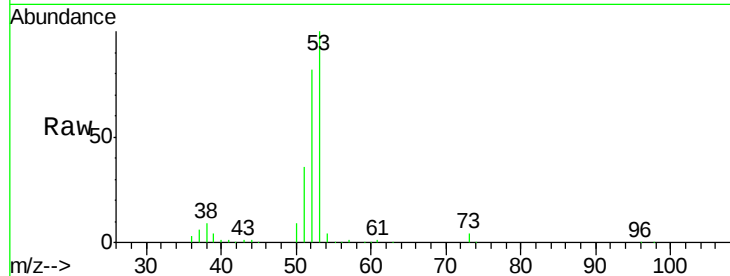
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 422149 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.4  | 66.4  | 99.6   |
| 51        | 37.3  | 30.2  | 45.4   |

Manual Integrations  
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MMDadoda  
9/23/2020 1:05:38 PM



#16

Acetone

Concen: 248.091 ug/l

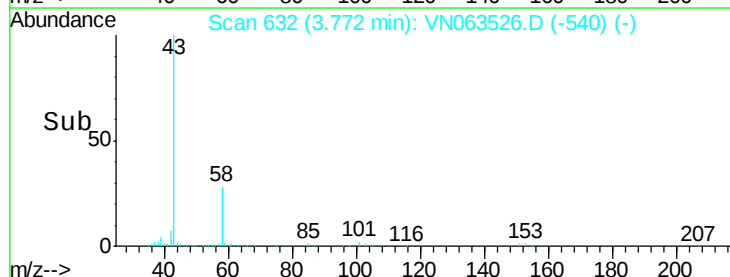
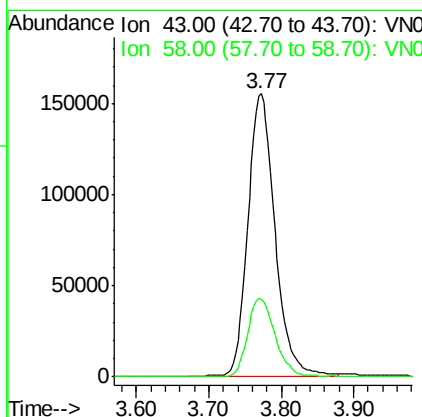
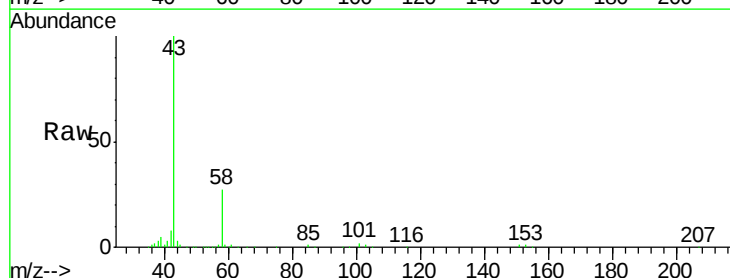
RT: 3.77 min Scan# 632

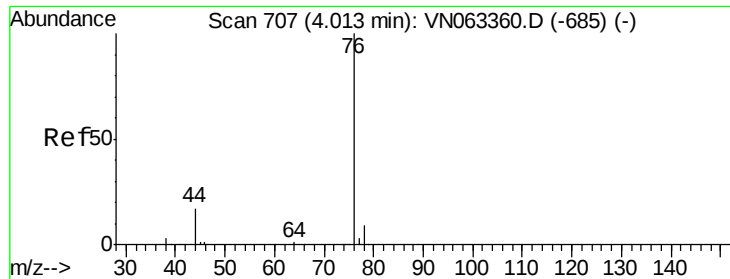
Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 406641 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 27.4  | 22.3  | 33.5   |





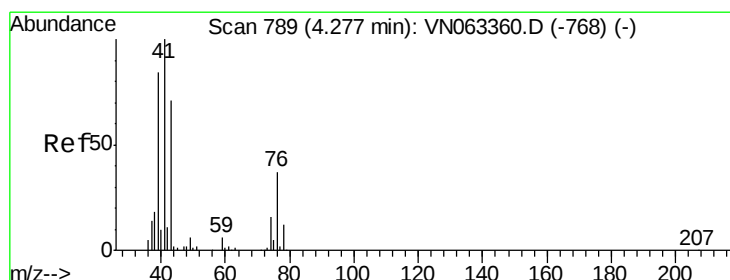
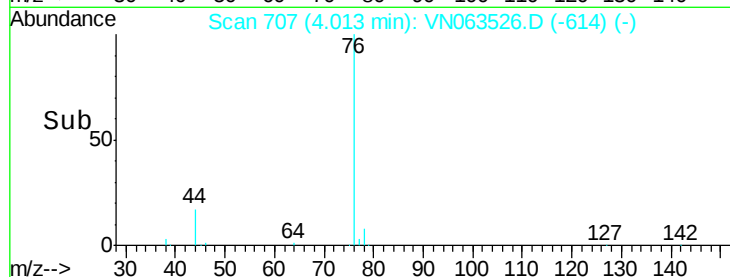
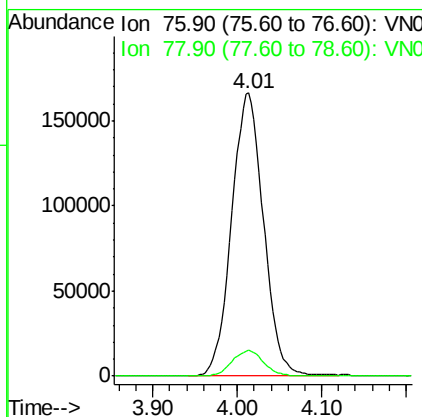
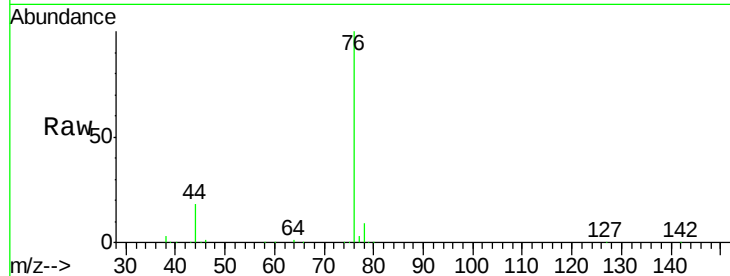
#17  
Carbon Disulfide  
Concen: 44.626 ug/l  
RT: 4.01 min Scan# 707  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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

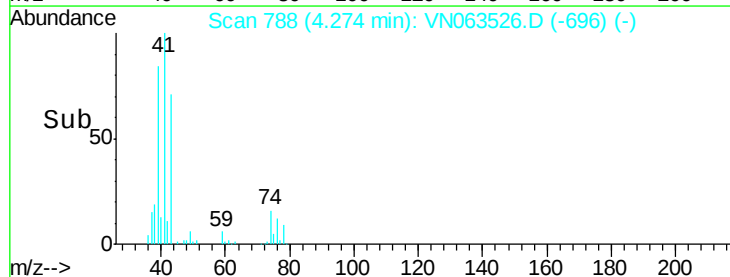
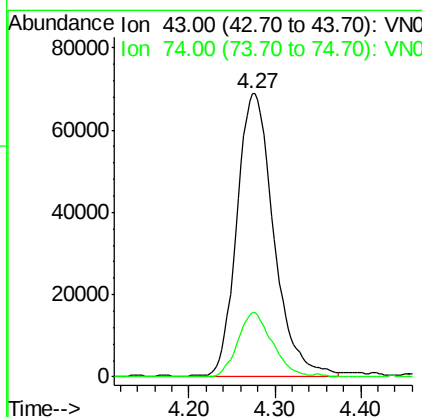
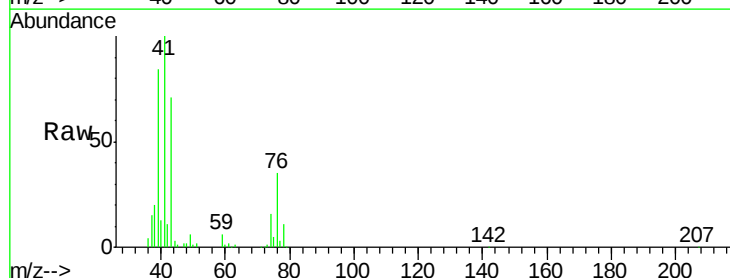
Manual Integrations  
APPROVED

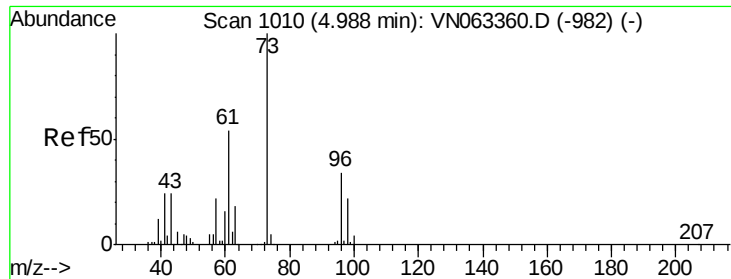
MMDadoda  
9/23/2020 1:05:38 PM



#18  
Methyl Acetate  
Concen: 49.066 ug/l  
RT: 4.27 min Scan# 788  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.5  | 17.4  | 26.2  |





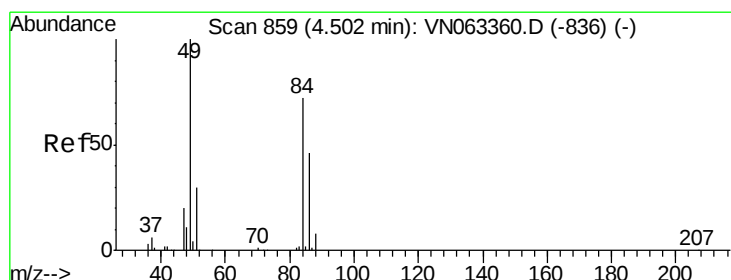
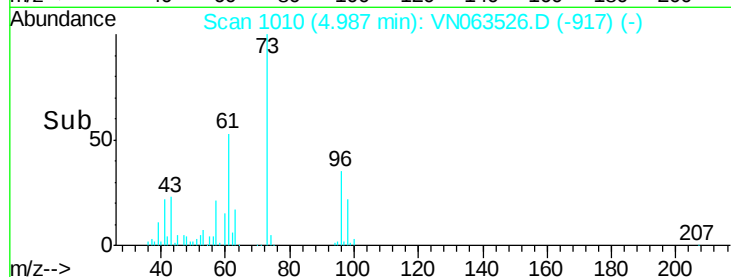
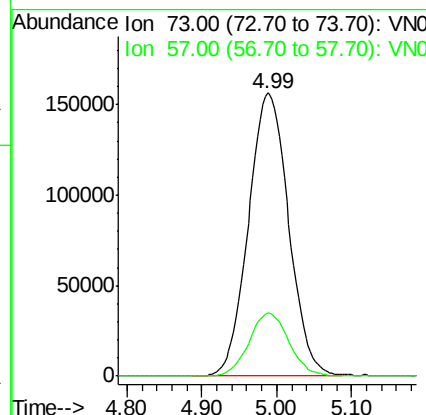
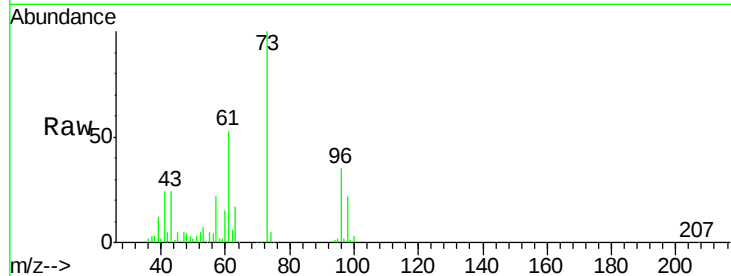
#19  
Methvl tert-butvl Ether  
Concen: 46.373 ug/l  
RT: 4.99 min Scan# 1010  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 584350  
Ion Ratio Lower Upper  
73 100  
57 22.3 17.9 26.9

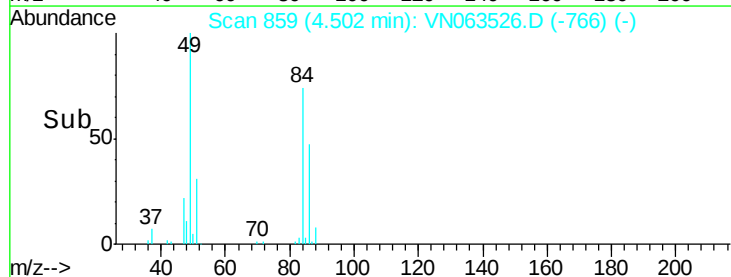
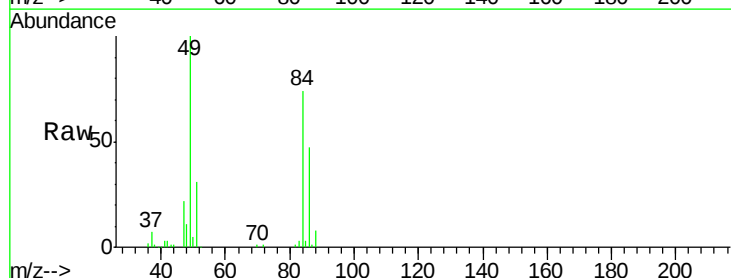
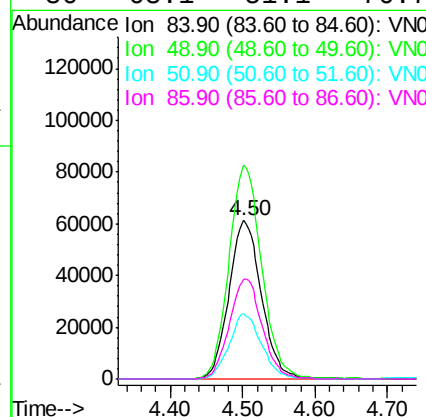
Manual Integrations  
APPROVED

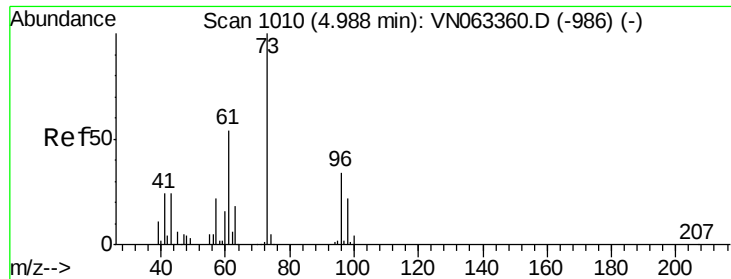
MMDadoda  
9/23/2020 1:05:38 PM



#20  
Methylene Chloride  
Concen: 46.008 ug/l  
RT: 4.50 min Scan# 859  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Tgt Ion: 84 Resp: 191061  
Ion Ratio Lower Upper  
84 100  
49 135.0 110.7 166.1  
51 41.2 32.9 49.3  
86 63.1 51.1 76.7





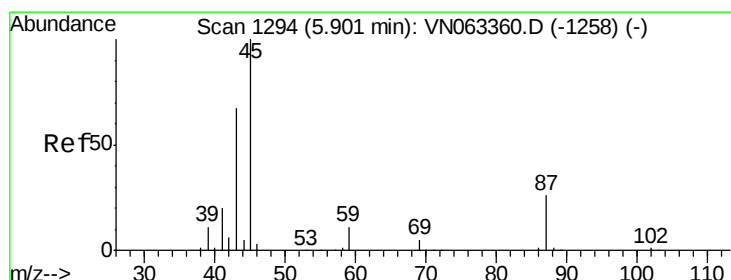
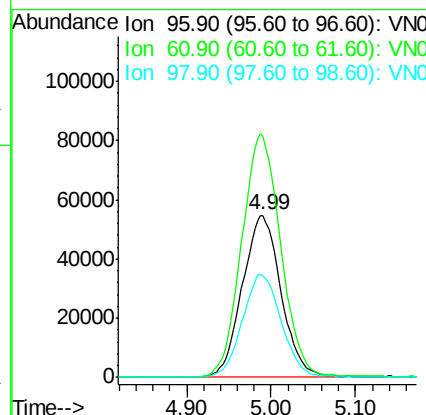
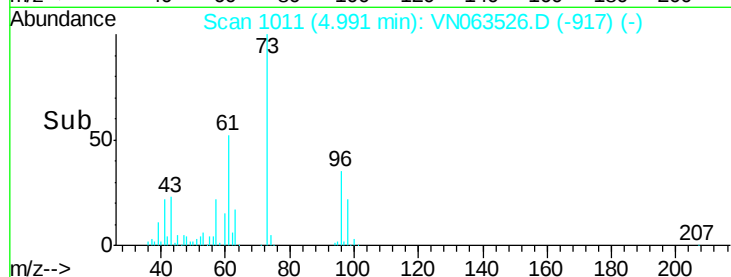
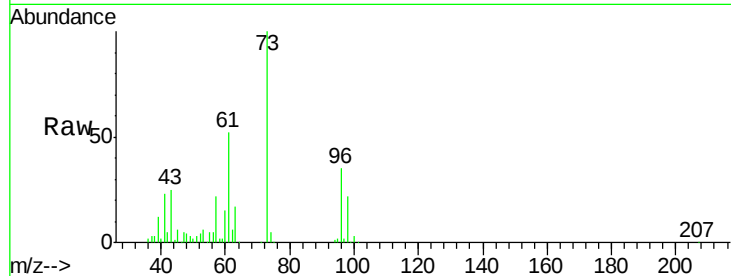
#21  
trans-1,2-Dichloroethene  
Concen: 46.614 ug/l  
RT: 4.99 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 96      | 100   |       | 174611 |       |       |
| 61      | 148.9 | 126.2 | 189.4  |       |       |
| 98      | 62.5  | 51.0  | 76.4   |       |       |

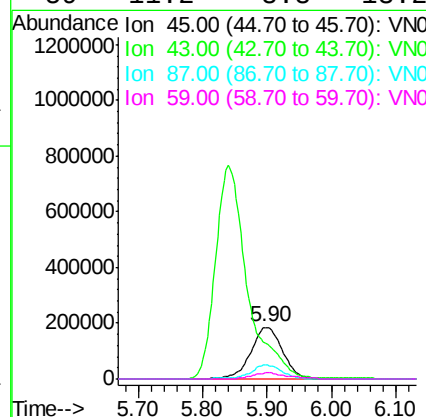
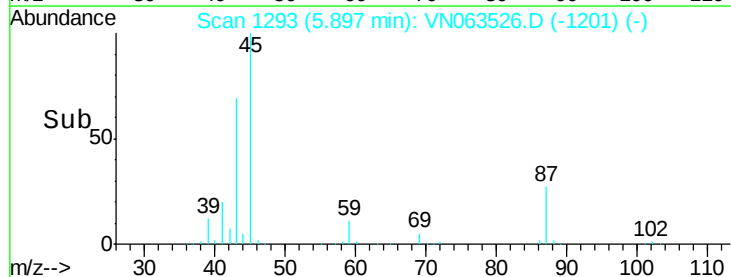
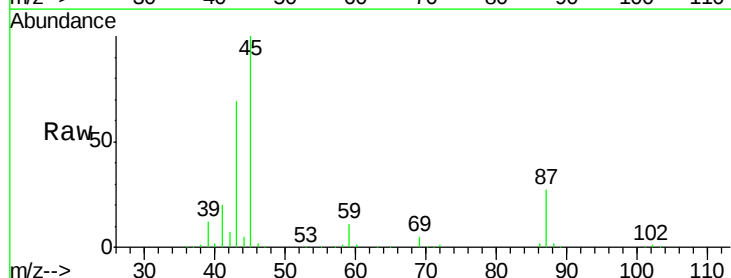
Manual Integrations  
APPROVED

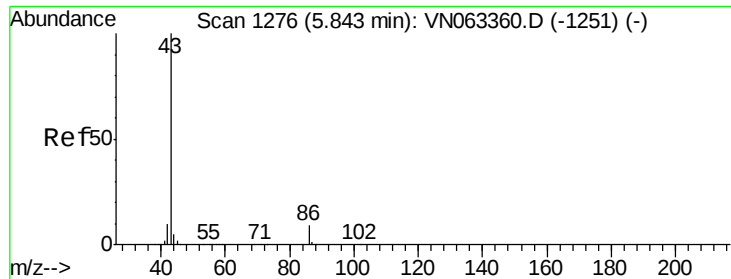
MMDadoda  
9/23/2020 1:05:38 PM



#22  
Diisopropyl ether  
Concen: 46.578 ug/l  
RT: 5.90 min Scan# 1293  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 45      | 100  |       | 635303 |       |       |
| 43      | 67.1 | 53.5  | 80.3   |       |       |
| 87      | 26.7 | 21.2  | 31.8   |       |       |
| 59      | 11.2 | 8.8   | 13.2   |       |       |





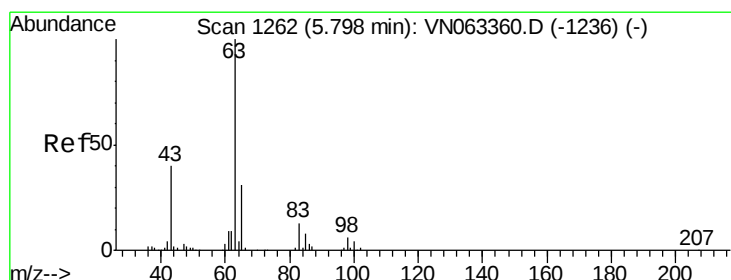
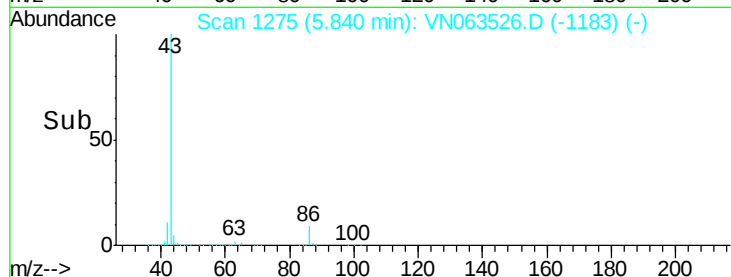
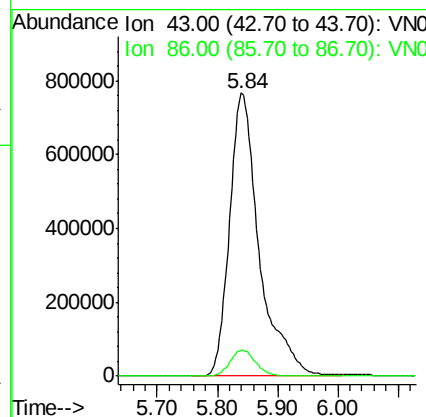
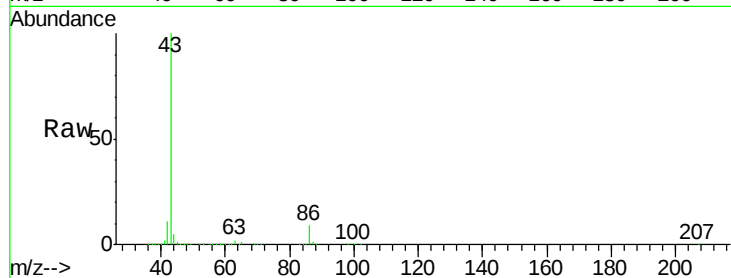
#23  
 Vinyl Acetate  
 Concen: 235.174 ug/l  
 RT: 5.84 min Scan# 1275  
 Delta R.T. -0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 43 Resp: 2634350  
 Ion Ratio Lower Upper  
 43 100  
 86 9.0 7.1 10.7

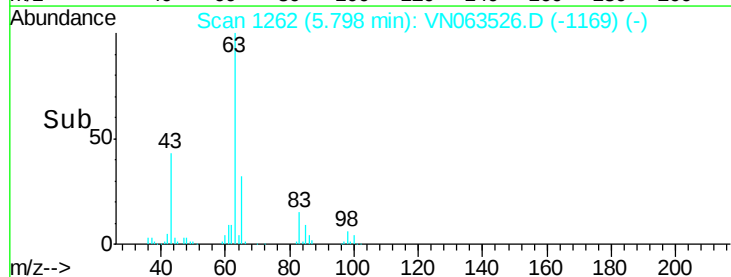
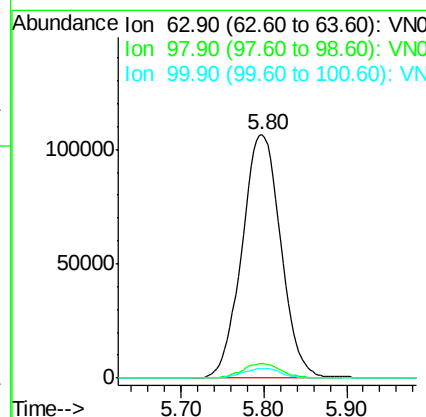
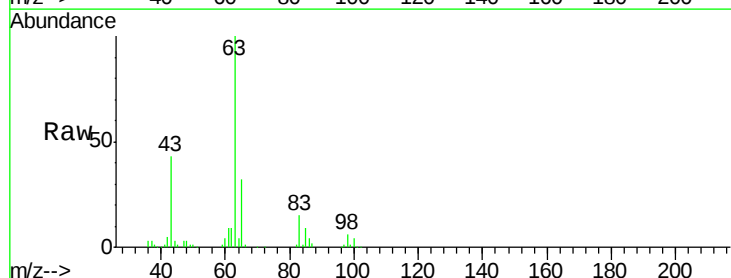
Manual Integrations  
 APPROVED

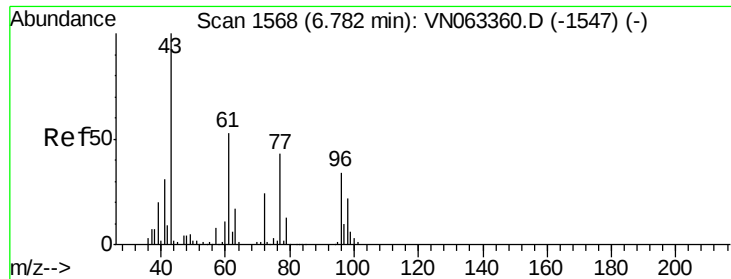
MMDadoda  
 9/23/2020 1:05:38 PM



#24  
 1,1-Dichloroethane  
 Concen: 46.609 ug/l  
 RT: 5.80 min Scan# 1262  
 Delta R.T. -0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

Tgt Ion: 63 Resp: 347075  
 Ion Ratio Lower Upper  
 63 100  
 98 6.0 2.9 8.8  
 100 3.9 2.1 6.3





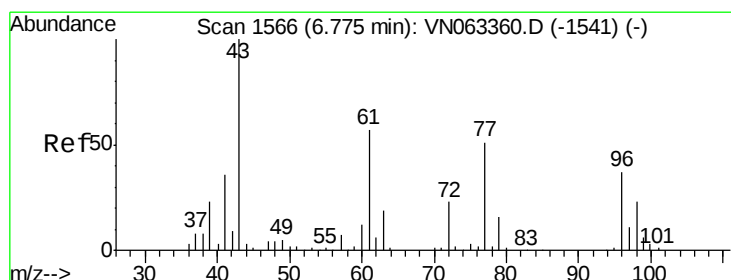
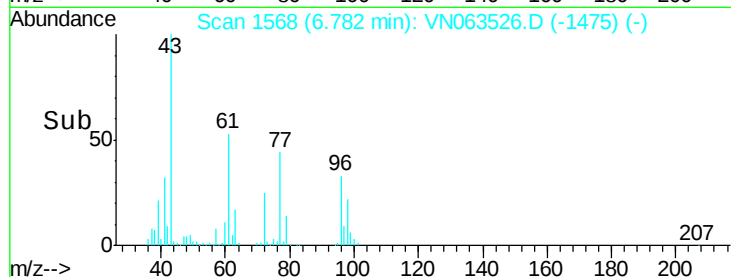
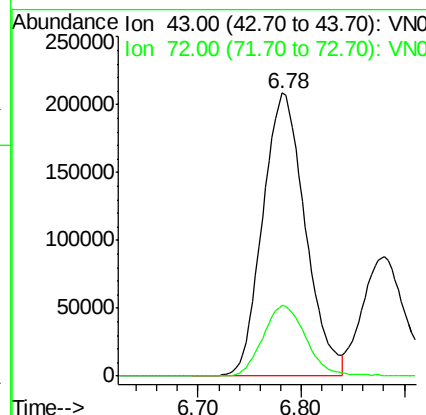
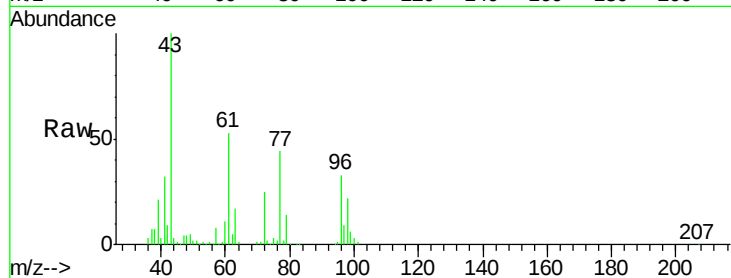
#25  
2-Butanone  
Concen: 236.444 ug/l  
RT: 6.78 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 596045  
Ion Ratio Lower Upper  
43 100  
72 24.9 19.2 28.8

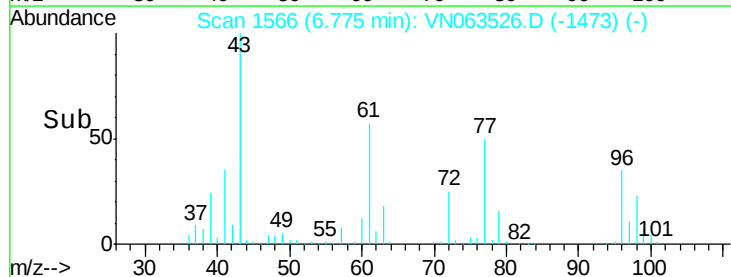
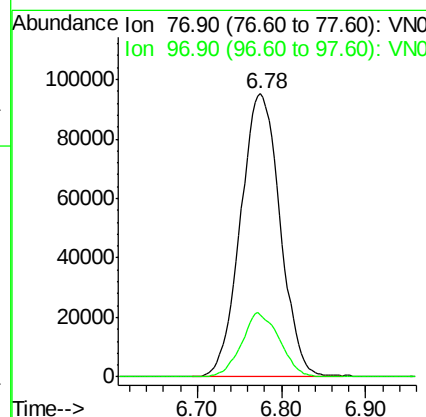
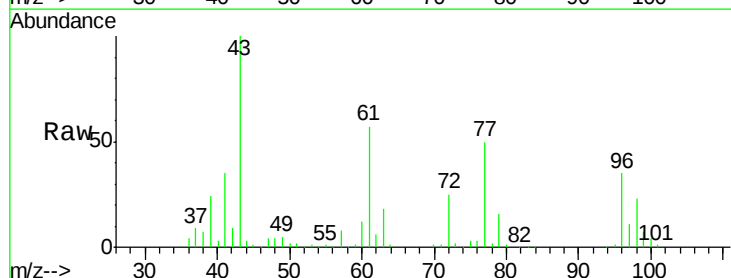
Manual Integrations  
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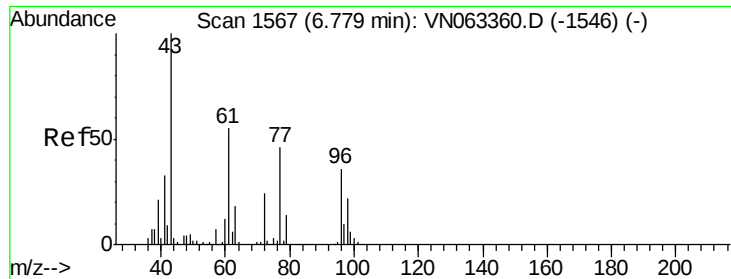
MMDadoda  
9/23/2020 1:05:38 PM



#26  
2,2-Dichloropropane  
Concen: 47.364 ug/l  
RT: 6.78 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Tgt Ion: 77 Resp: 310530  
Ion Ratio Lower Upper  
77 100  
97 21.8 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 47.799 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA\_N

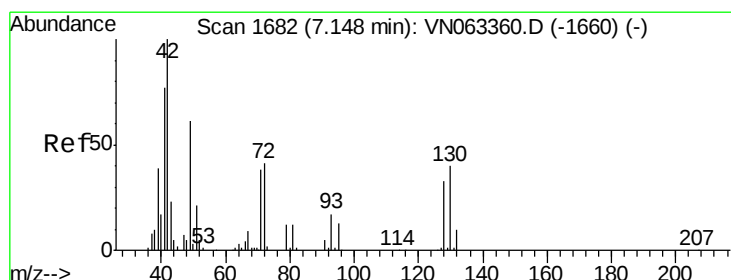
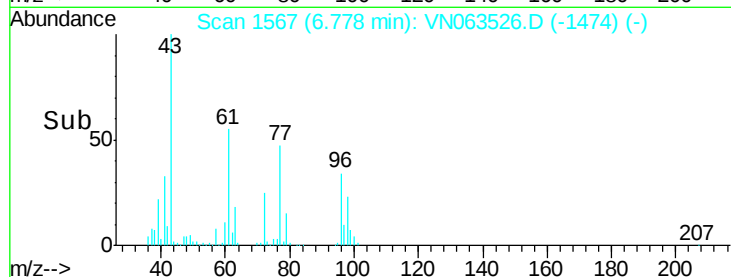
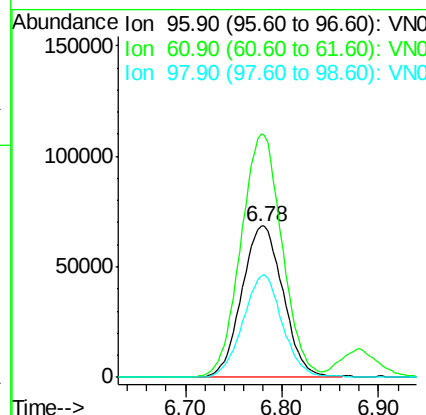
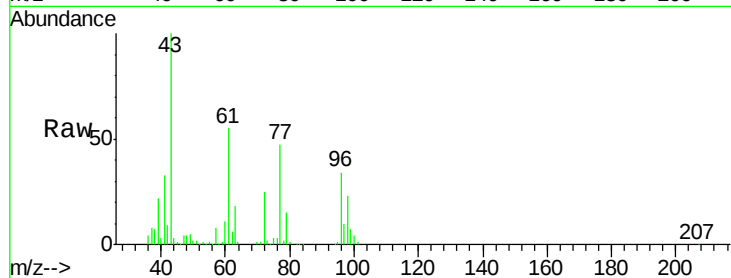
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 202663 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 161.0 | 0.0   | 319.6  |
| 98        | 65.0  | 0.0   | 127.8  |

Manual Integrations  
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9/23/2020 1:05:38 PM



#28

Bromochloromethane

Concen: 43.915 ug/l

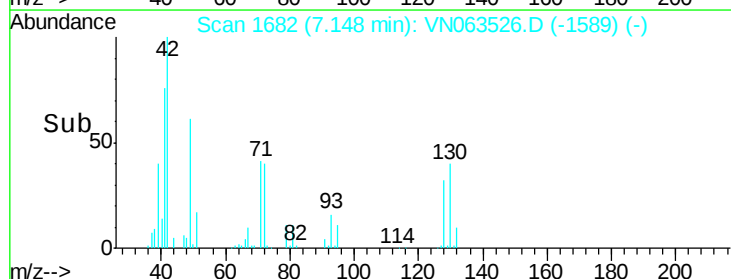
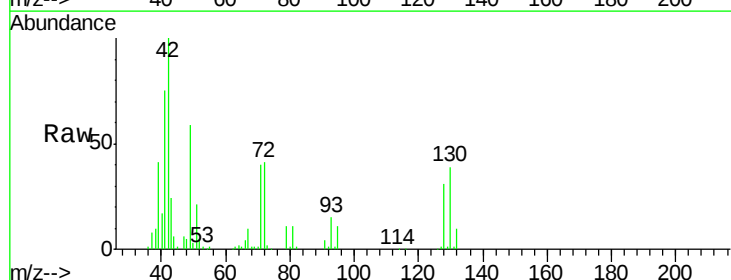
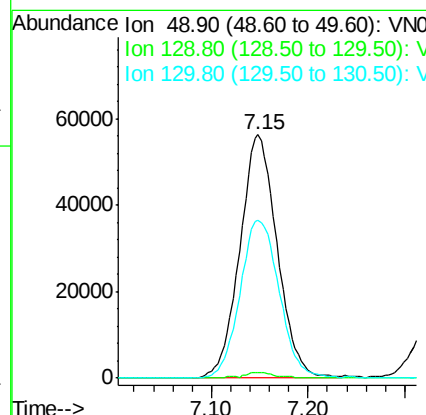
RT: 7.15 min Scan# 1682

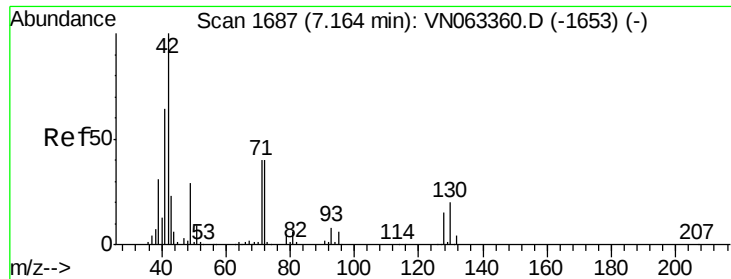
Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 49    | Resp: | 150992 |
| Ion Ratio | Lower | Upper |        |
| 49        | 100   |       |        |
| 129       | 1.8   | 0.0   | 3.8    |
| 130       | 68.2  | 52.2  | 78.2   |





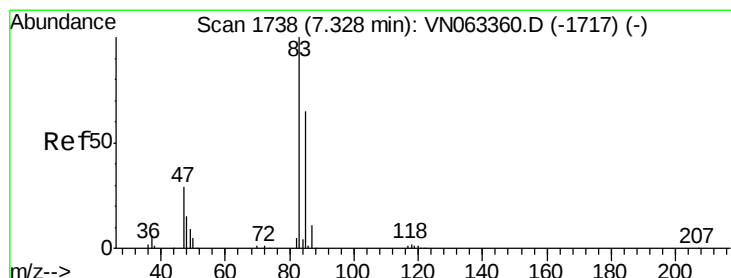
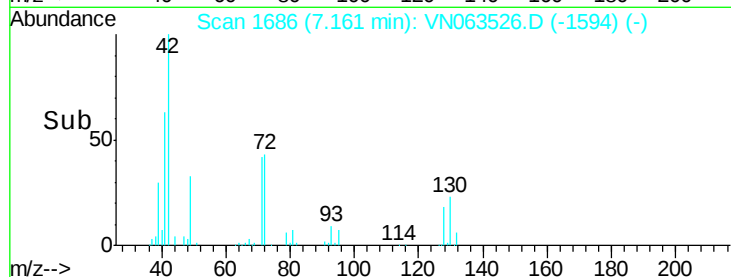
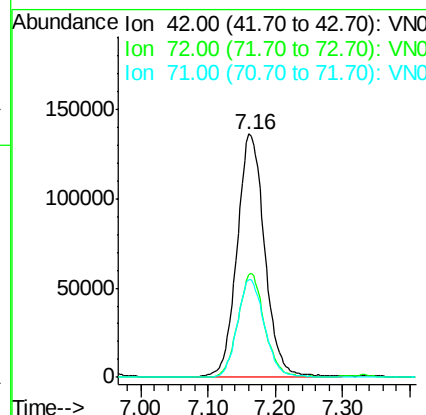
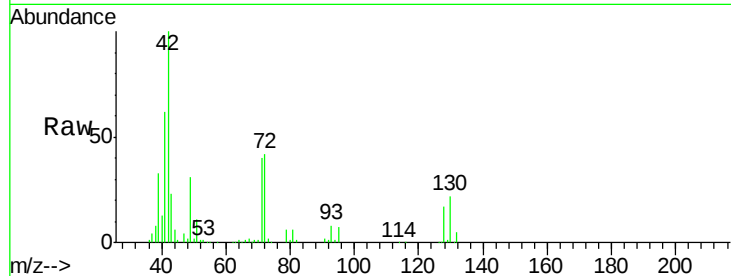
#29  
Tetrahydrofuran  
Concen: 224.501 ug/l  
RT: 7.16 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 41.2  | 32.1  | 48.1  |
| 71      | 39.6  | 31.2  | 46.8  |

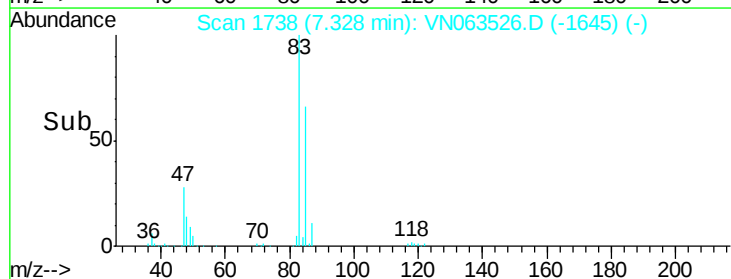
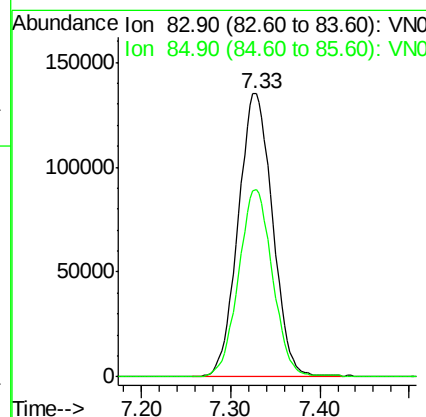
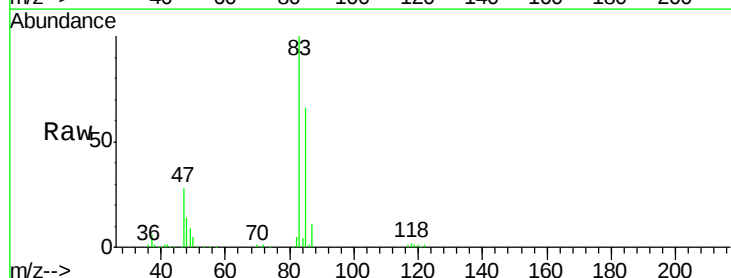
Manual Integrations  
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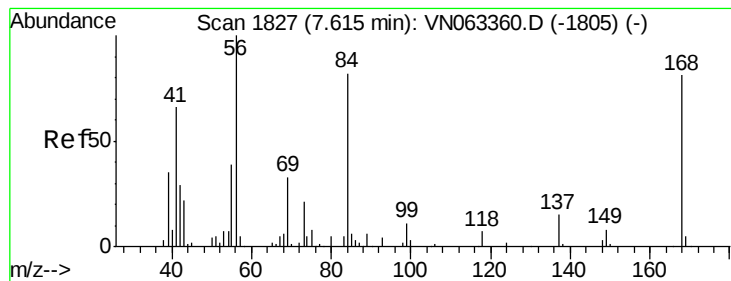
MMDadoda  
9/23/2020 1:05:38 PM



#30  
Chloroform  
Concen: 48.269 ug/l  
RT: 7.33 min Scan# 1738  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.3  | 52.1  | 78.1  |





#31

Cyclohexane

Concen: 42.505 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA\_N

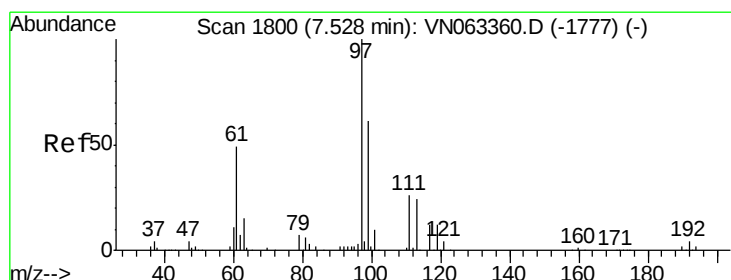
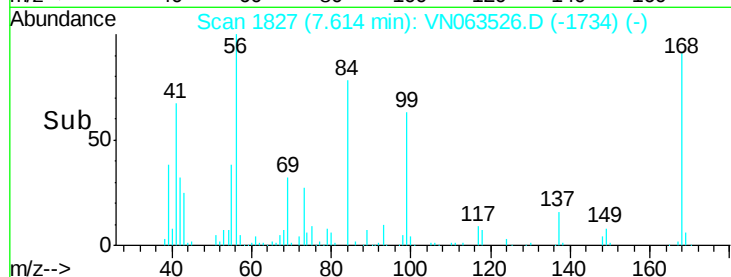
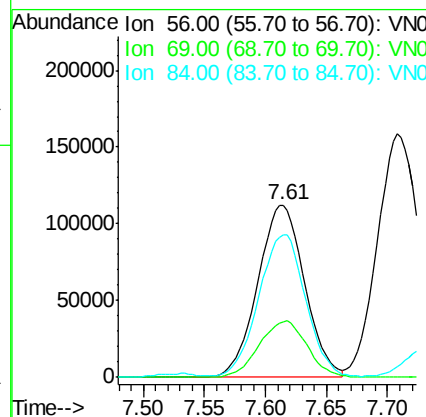
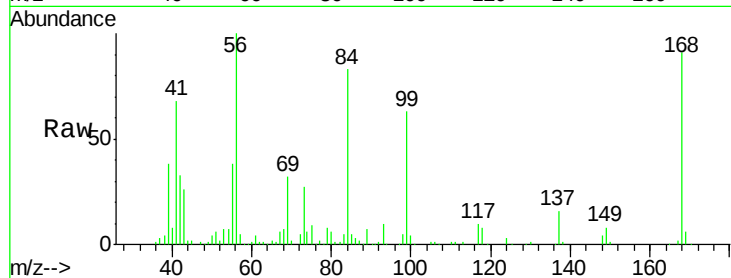
ClientSampleId :

VSTDCCC050

| Tot Ion | 56    | Resp  | 299396 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 56      | 100   |       |        |
| 69      | 32.4  | 26.1  | 39.1   |
| 84      | 81.0  | 65.4  | 98.2   |

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#32

1,1,1-Trichloroethane

Concen: 48.306 ug/l

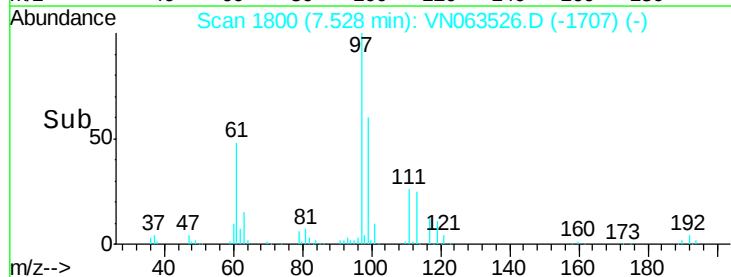
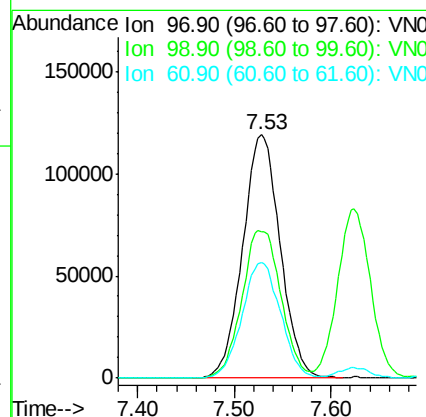
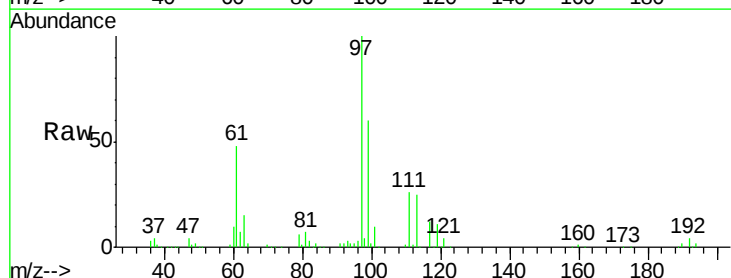
RT: 7.53 min Scan# 1800

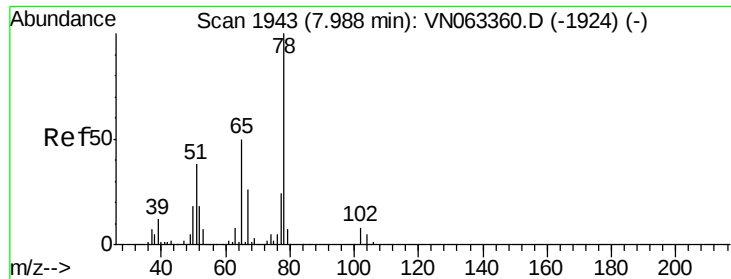
Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

| Tgt Ion | 97    | Resp  | 320992 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 97      | 100   |       |        |
| 99      | 63.2  | 50.6  | 76.0   |
| 61      | 48.7  | 39.2  | 58.8   |





#33

1,2-Dichloroethane-d4

Concen: 44.671 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 227825

Ion Ratio Lower Upper

65 100

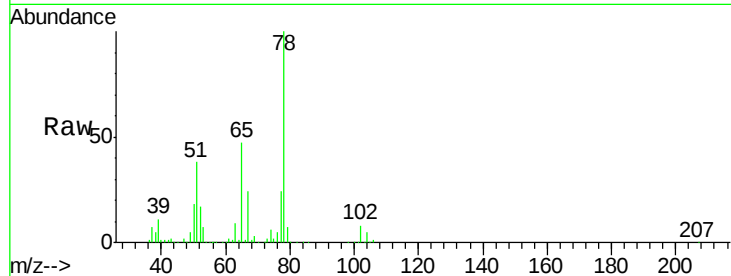
67 50.8 0.0 104.2

Manual Integrations

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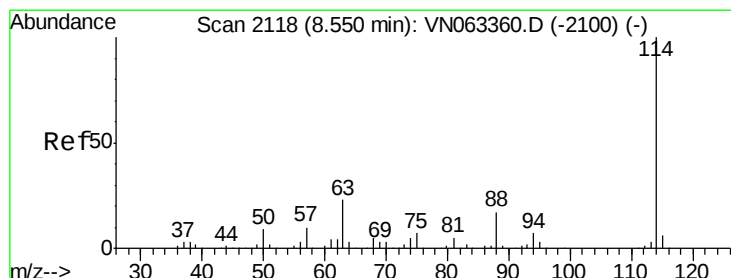
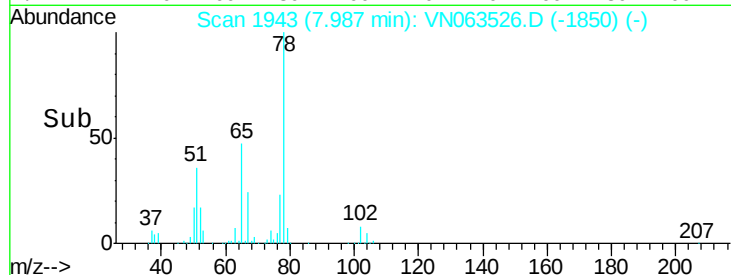
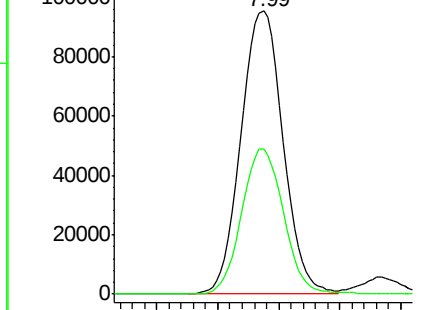
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

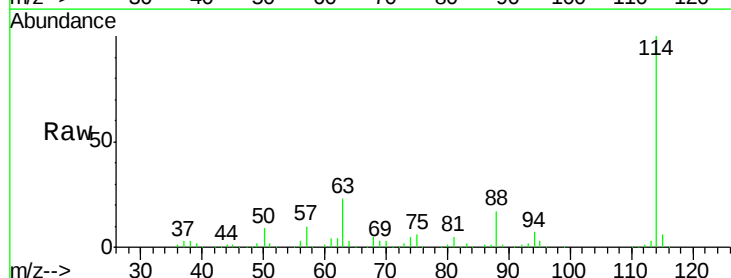
Tgt Ion: 114 Resp: 502602

Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.4

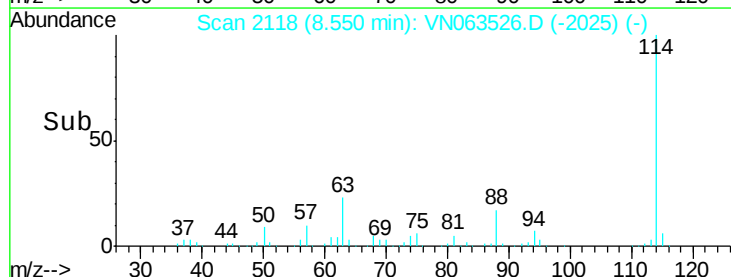
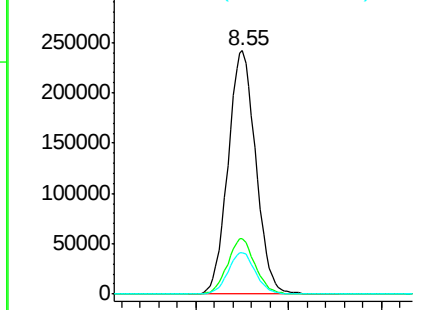
88 17.1 0.0 33.2

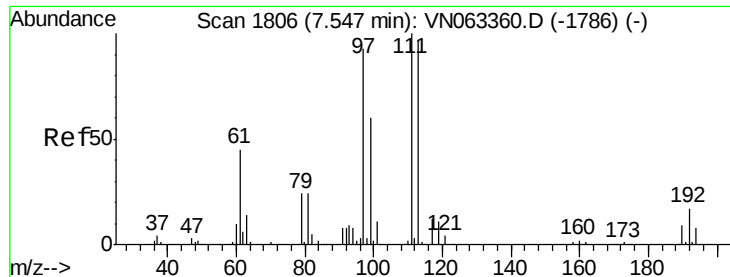


Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)





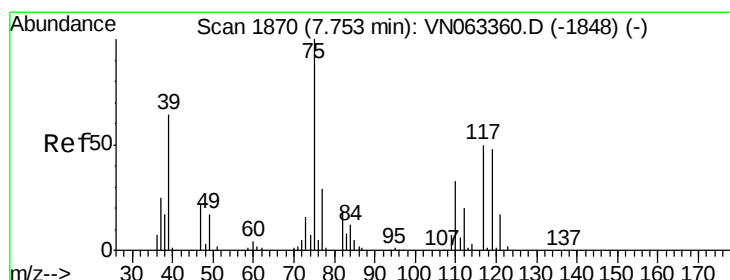
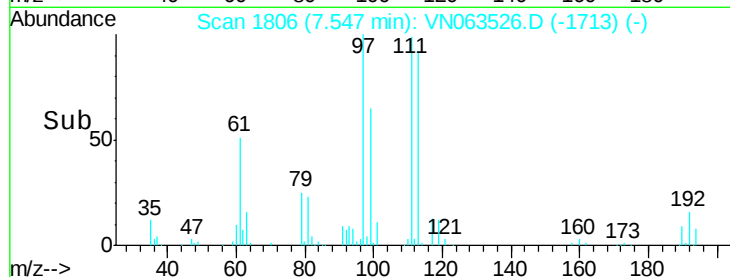
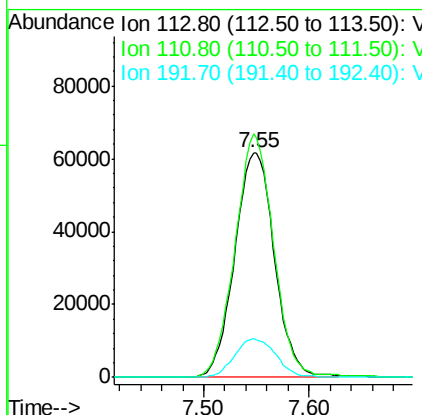
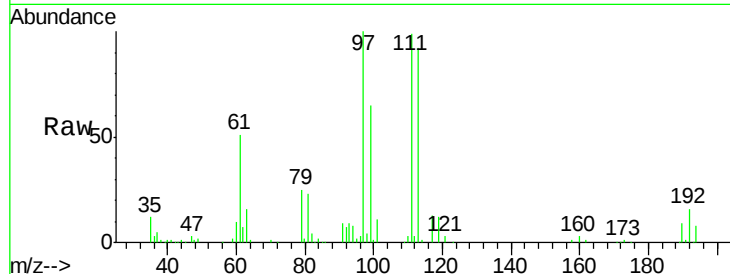
#35  
 Dibromofluoromethane  
 Concen: 46.478 ug/l  
 RT: 7.55 min Scan# 1806  
 Delta R.T. -0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 161715 |       |       |
| 111     | 104.4 | 82.9   | 124.3 |       |
| 192     | 17.9  | 13.9   | 20.9  |       |

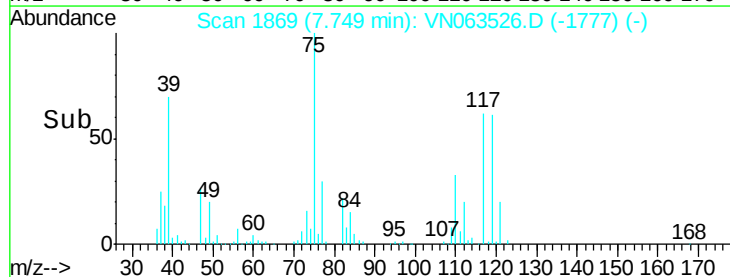
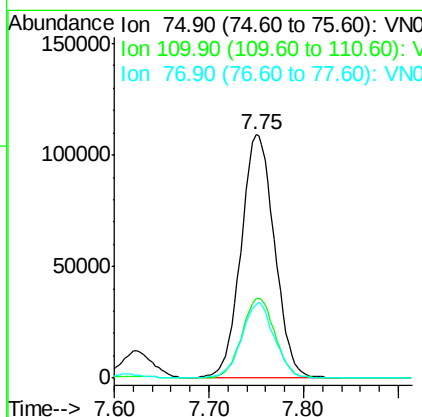
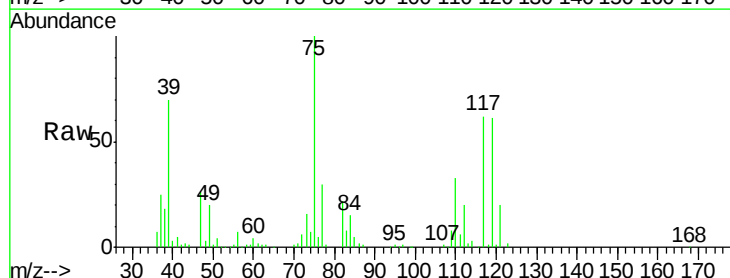
Manual Integrations  
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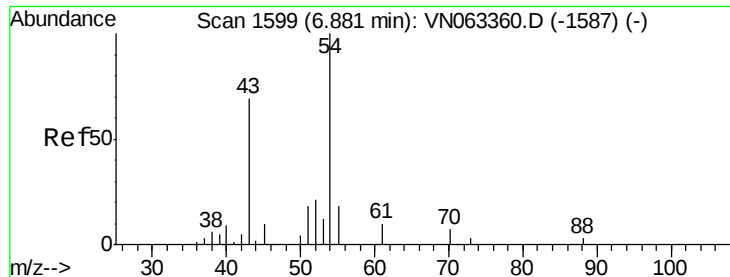
MMDadoda  
 9/23/2020 1:05:38 PM



#36  
 1,1-Dichloropropene  
 Concen: 49.904 ug/l  
 RT: 7.75 min Scan# 1869  
 Delta R.T. -0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 267213 |       |       |
| 110     | 32.6  | 16.5   | 49.5  |       |
| 77      | 30.6  | 24.6   | 36.8  |       |





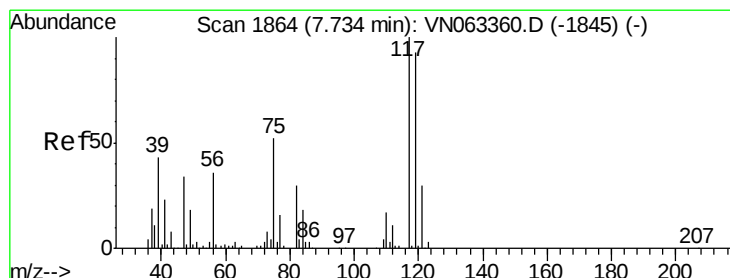
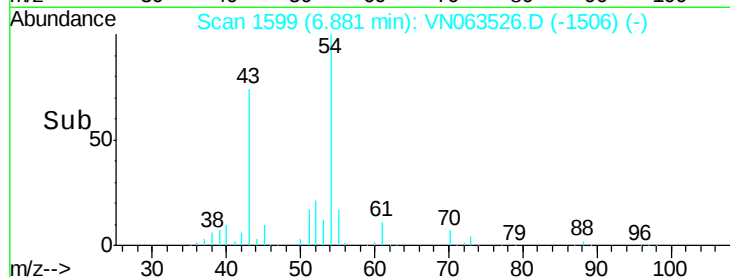
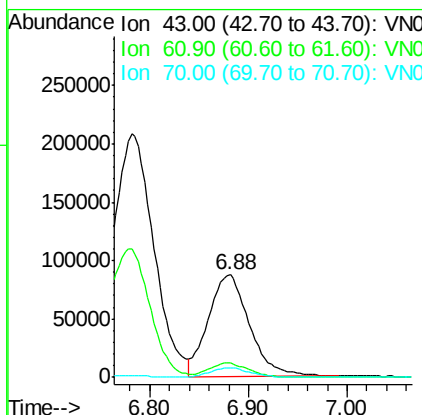
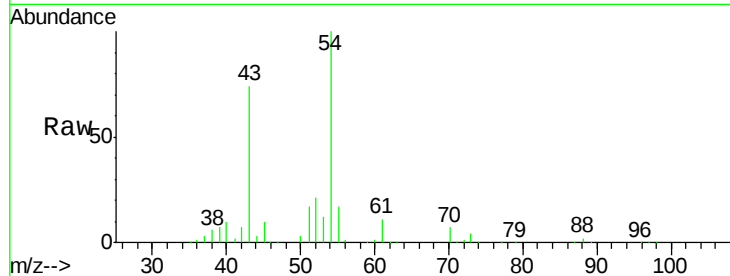
#37  
Ethyl Acetate  
Concen: 48.162 ug/l  
RT: 6.88 min Scan# 1599  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.5  | 10.6  | 15.8  |
| 70      | 9.2   | 7.2   | 10.8  |

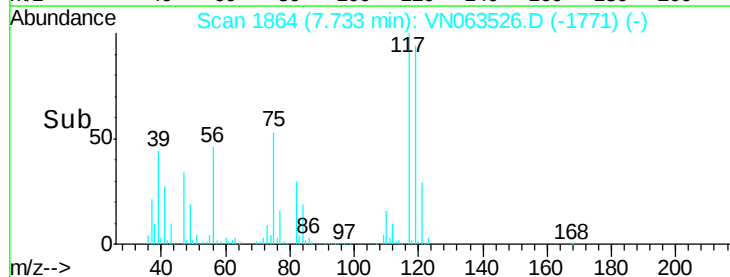
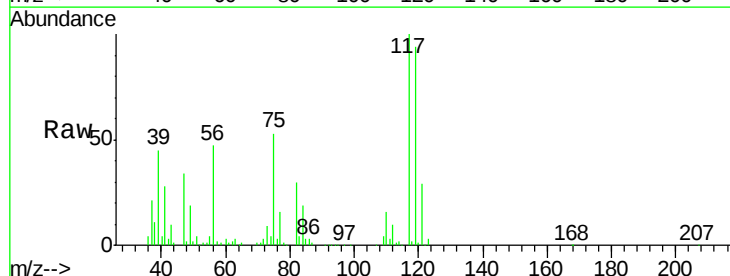
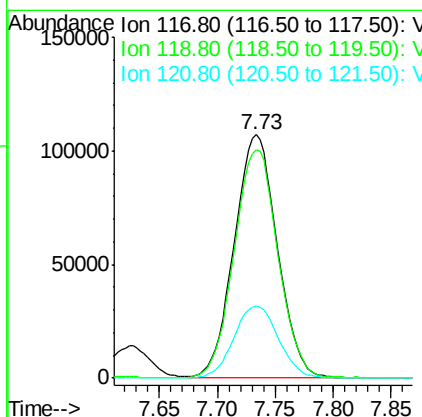
Manual Integrations  
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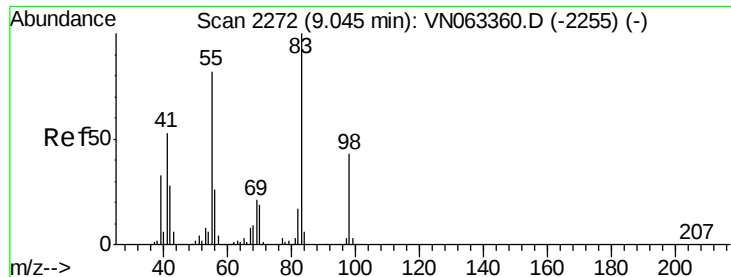
MMDadoda  
9/23/2020 1:05:38 PM



#38  
Carbon Tetrachloride  
Concen: 50.267 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.6  | 74.5  | 111.7 |
| 121     | 29.6  | 24.1  | 36.1  |





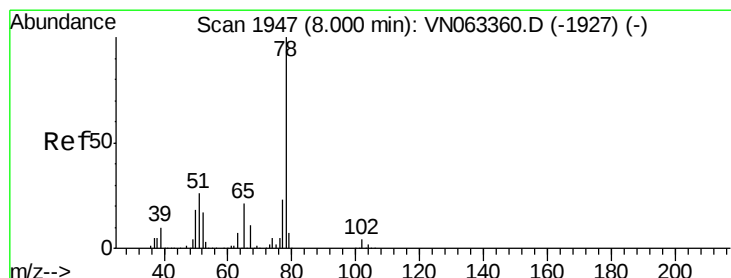
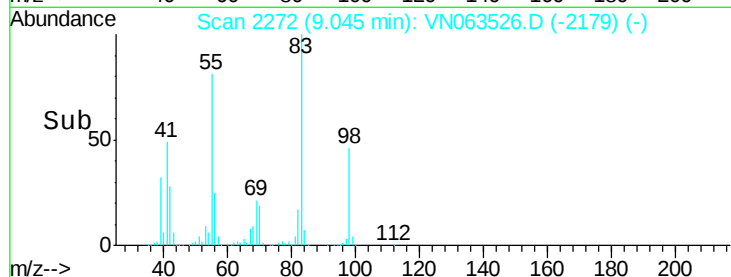
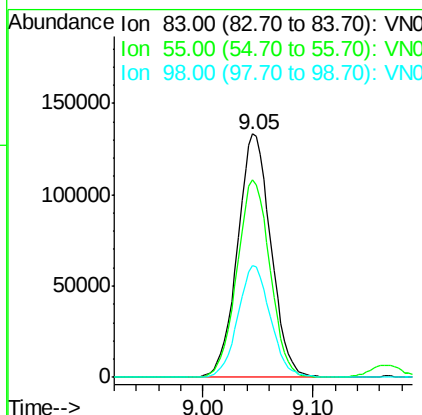
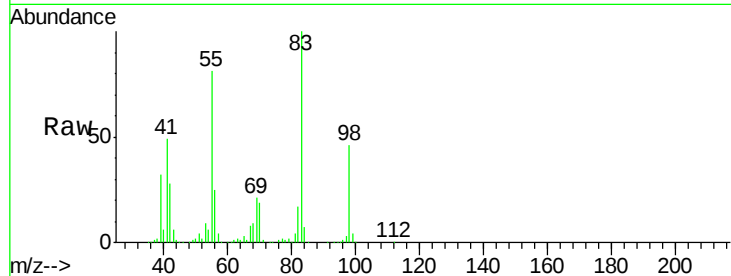
#39  
Methvlcvclohexane  
Concen: 47.980 ug/l  
RT: 9.05 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 278830 |       |       |
| 55      | 81.1  |        | 65.5  | 98.3  |
| 98      | 45.8  |        | 34.2  | 51.4  |

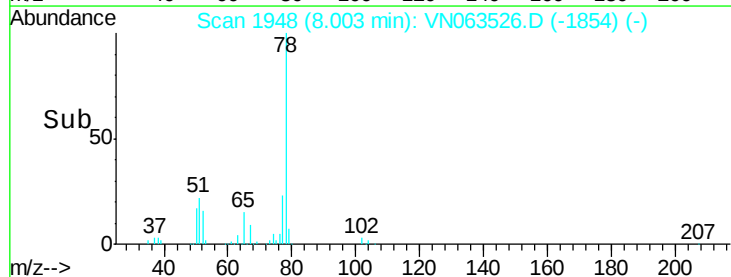
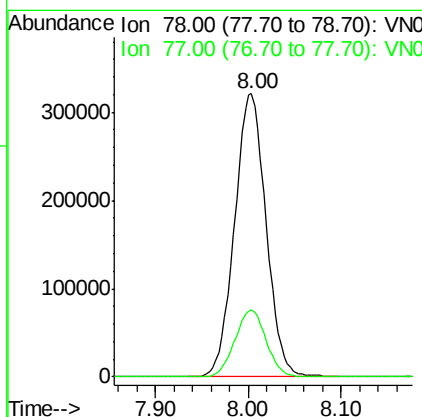
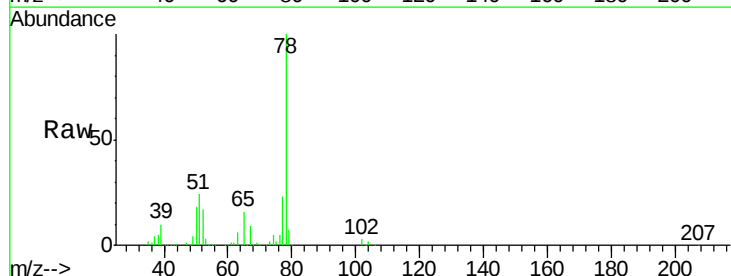
Manual Integrations  
APPROVED

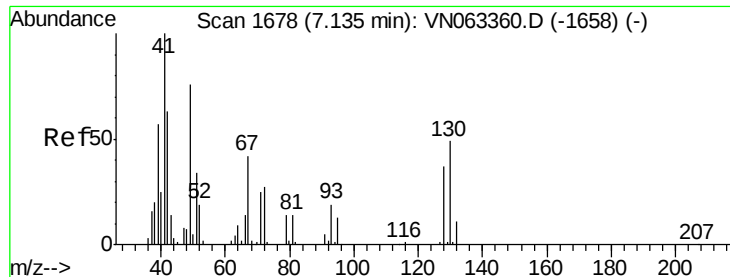
MMDadoda  
9/23/2020 1:05:38 PM



#40  
Benzene  
Concen: 49.325 ug/l  
RT: 8.00 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 753942 |       |       |
| 77      | 23.5  |        | 18.3  | 27.5  |





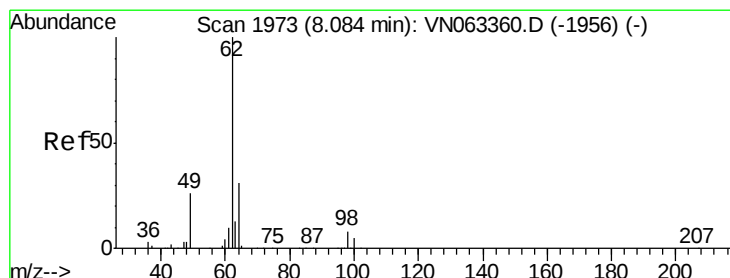
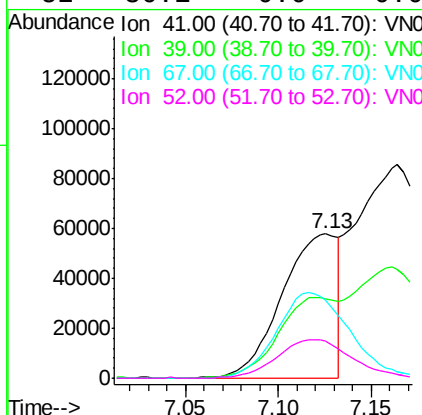
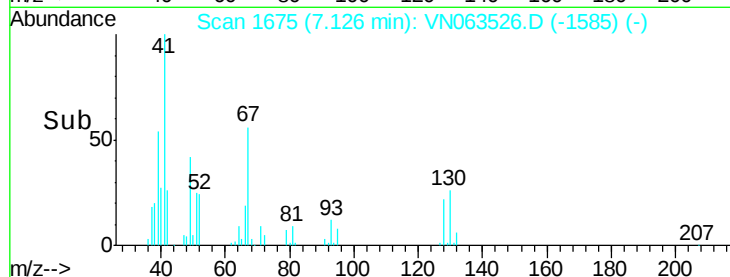
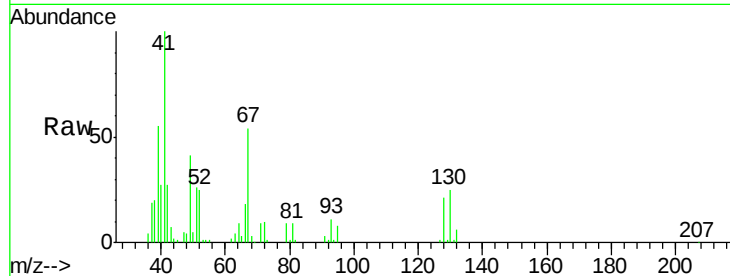
#41  
Methacrylonitrile  
Concen: 51.055 ug/l  
RT: 7.13 min Scan# 1675  
Delta R.T. -0.01 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 57.9  | 0.0   | 0.0#  |
| 67      | 78.3  | 0.0   | 0.0#  |
| 52      | 36.1  | 0.0   | 0.0#  |

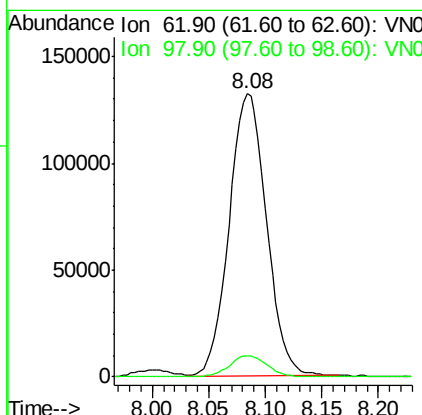
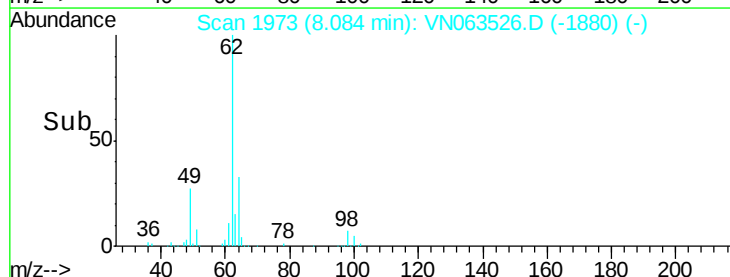
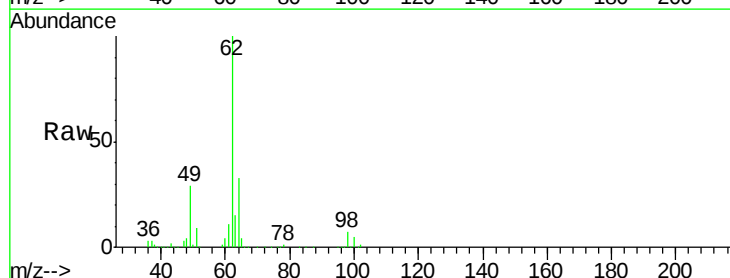
Manual Integrations  
APPROVED

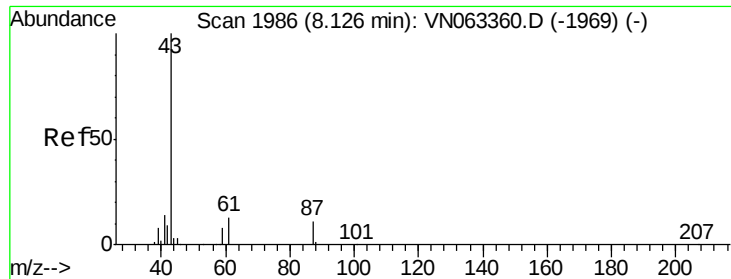
MMDadoda  
9/23/2020 1:05:38 PM



#42  
1,2-Dichloroethane  
Concen: 49.465 ug/l  
RT: 8.08 min Scan# 1973  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 7.6   | 0.0   | 15.6  |





#43

Isopropyl Acetate

Concen: 46.825 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA\_N

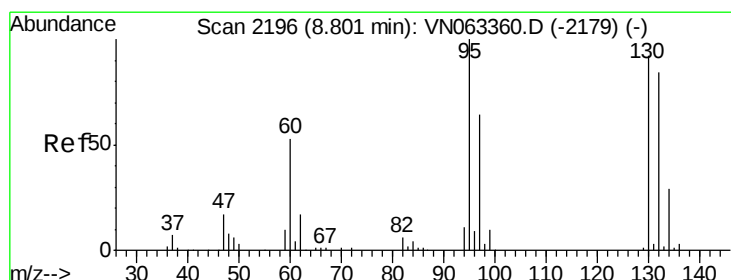
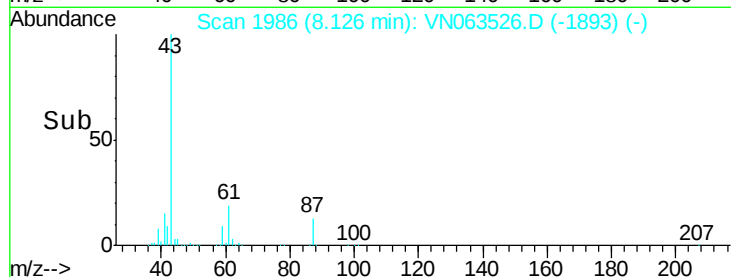
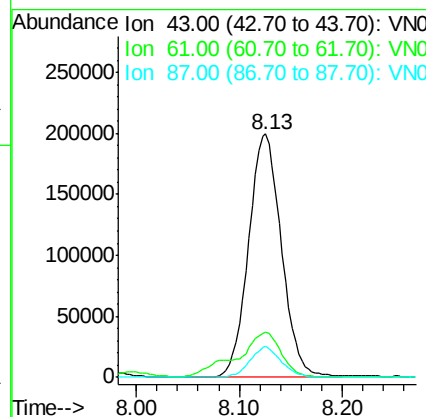
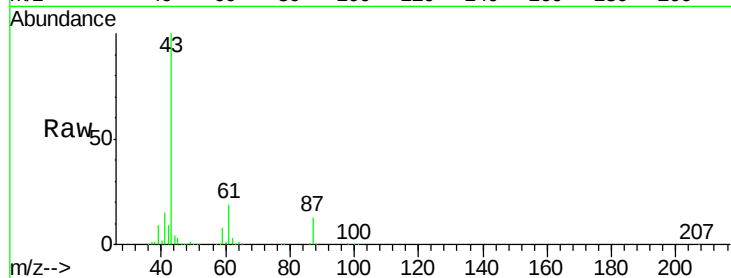
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 440006 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 18.4  | 14.2  | 21.2   |
| 87       | 11.9  | 9.0   | 13.6   |

Manual Integrations  
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MMDadoda  
9/23/2020 1:05:38 PM



#44

Trichloroethene

Concen: 51.834 ug/l

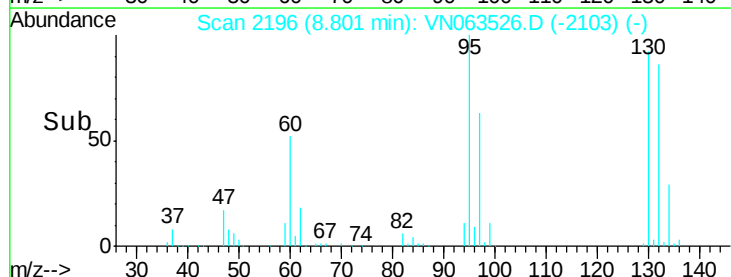
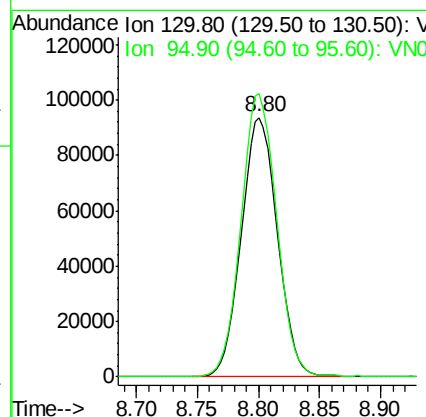
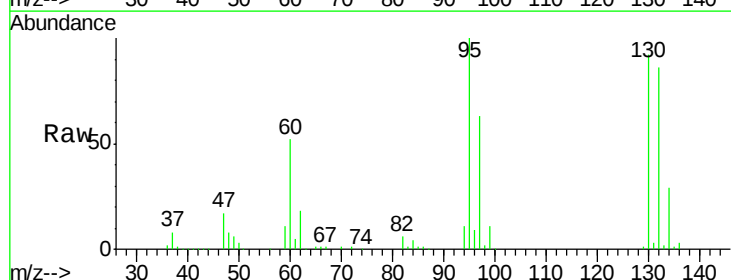
RT: 8.80 min Scan# 2196

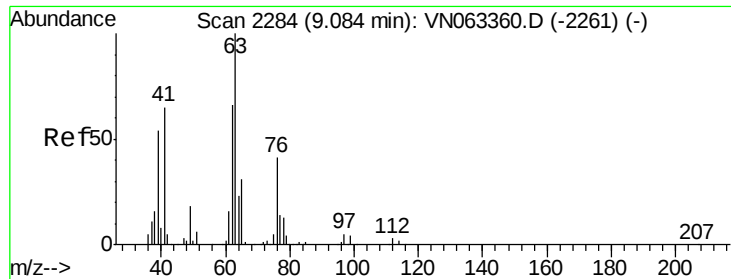
Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 192166 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 109.2 | 0.0   | 217.4  |





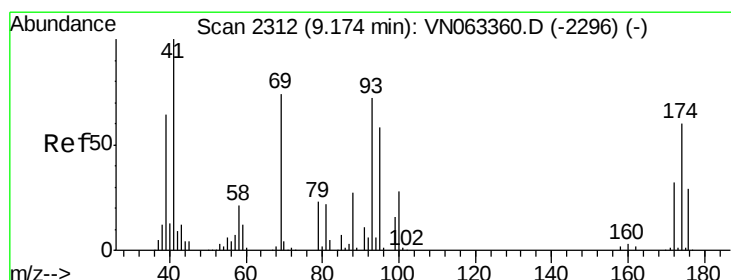
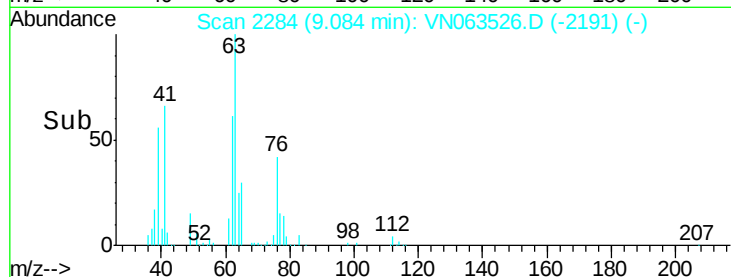
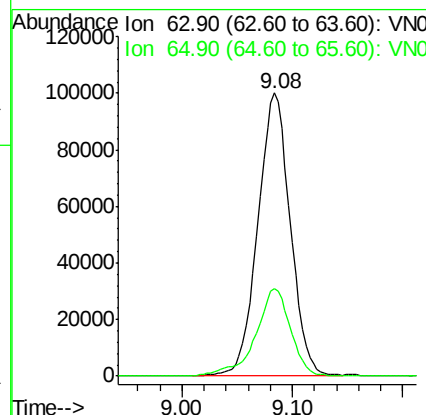
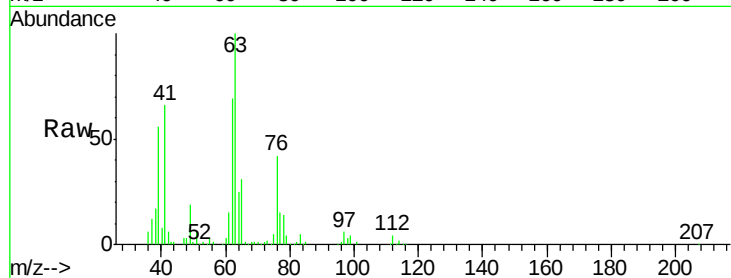
#45  
 1,2-Dichloropropane  
 Concen: 49.087 ug/l  
 RT: 9.08 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 63      | 100  |       |       |       |
| 65      | 31.0 | 25.0  | 37.6  |       |

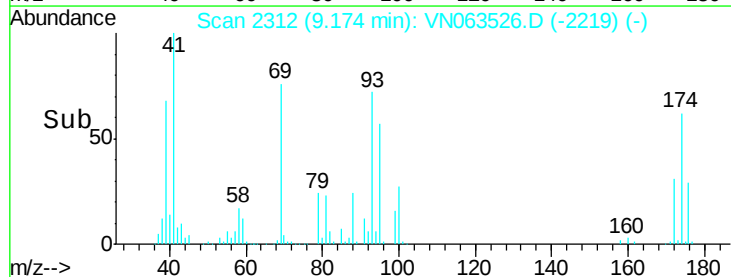
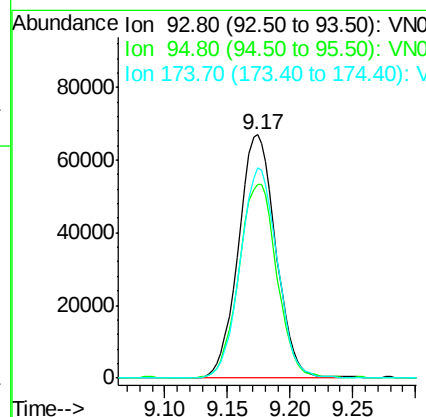
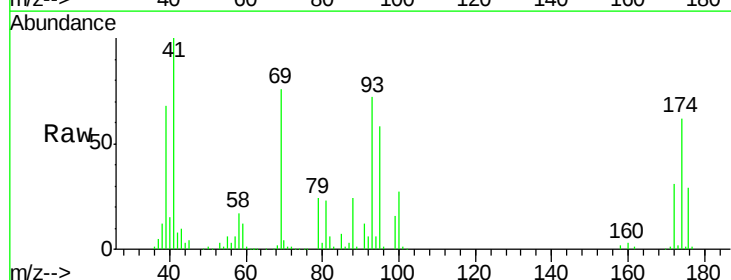
Manual Integrations  
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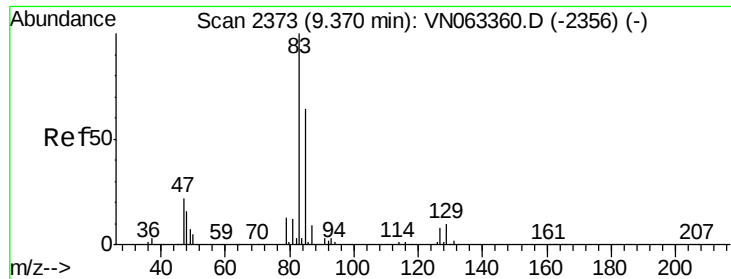
MMDadoda  
 9/23/2020 1:05:38 PM



#46  
 Dibromomethane  
 Concen: 50.678 ug/l  
 RT: 9.17 min Scan# 2312  
 Delta R.T. -0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 93      | 100  |       |       |       |
| 95      | 81.6 | 65.6  | 98.4  |       |
| 174     | 85.7 | 68.1  | 102.1 |       |





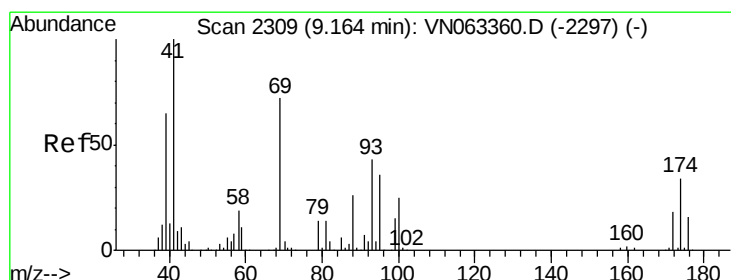
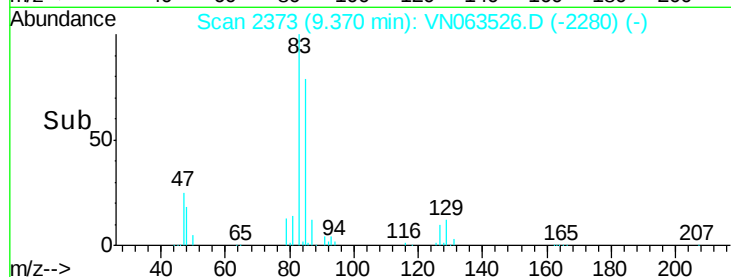
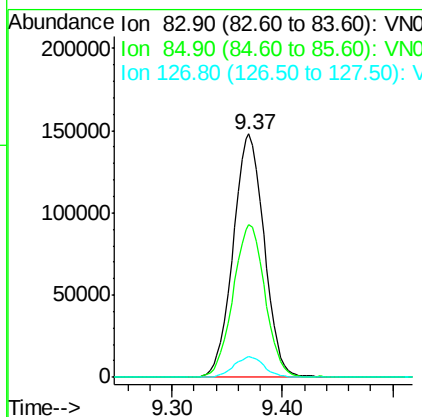
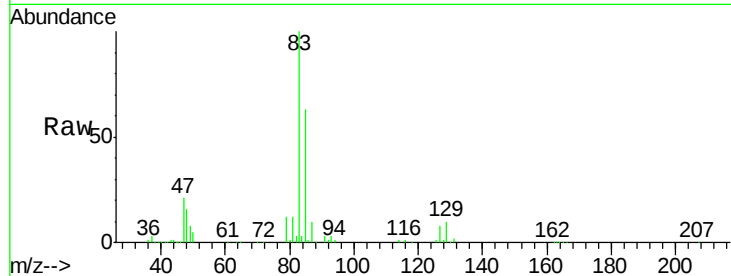
#47  
Bromodichloromethane  
Concen: 50.835 ug/l  
RT: 9.37 min Scan# 2373  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.9  | 51.0  | 76.6  |
| 127     | 8.3   | 6.3   | 9.5   |

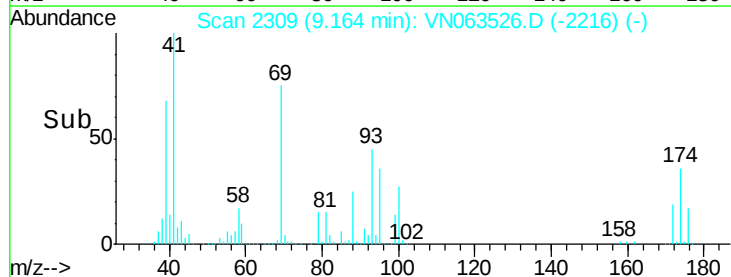
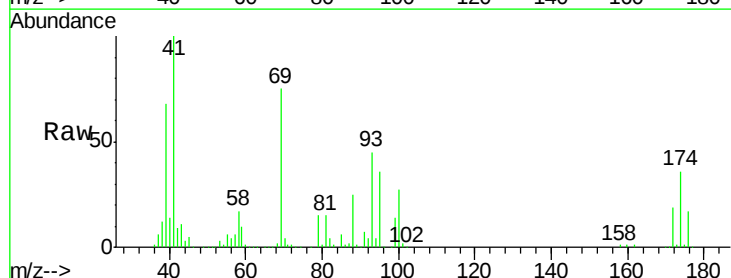
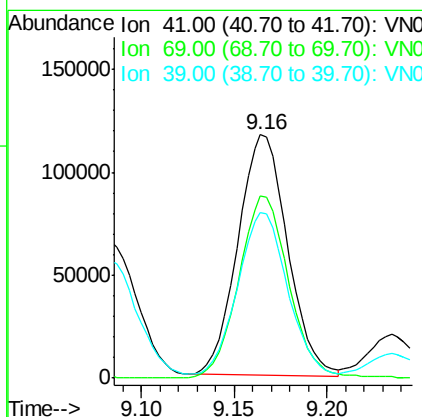
Manual Integrations  
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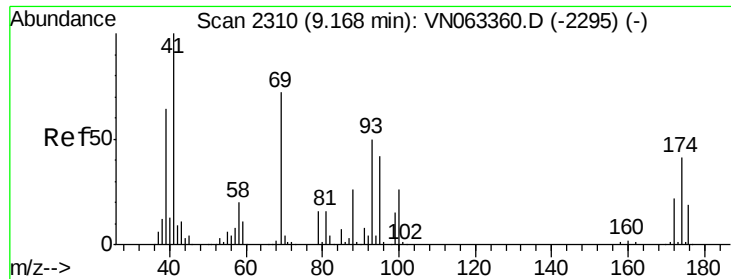
MMDadoda  
9/23/2020 1:05:38 PM



#48  
Methyl methacrylate  
Concen: 47.239 ug/l  
RT: 9.16 min Scan# 2309  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 76.7  | 59.3  | 88.9  |
| 39      | 69.8  | 52.9  | 79.3  |





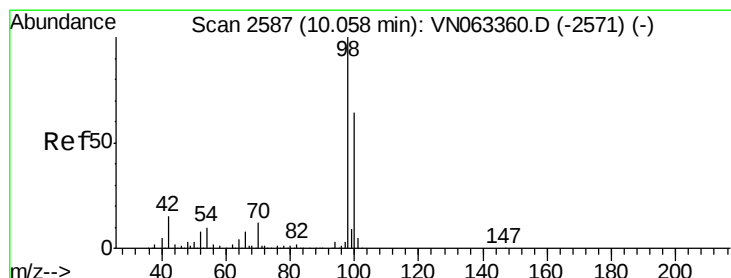
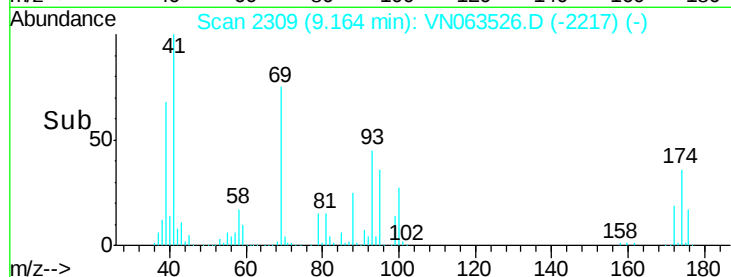
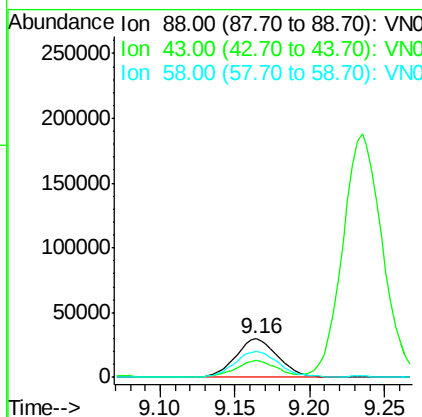
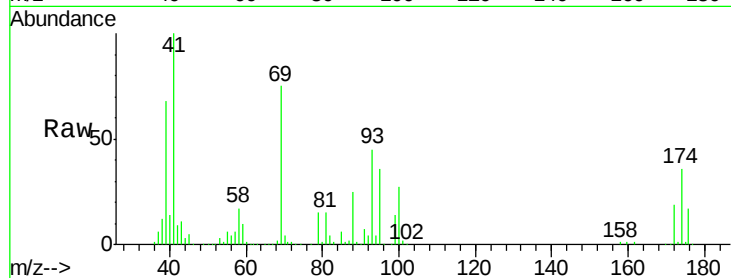
#49  
1,4-Dioxane  
Concen: 891.399 ug/l  
RT: 9.16 min Scan# 2309  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 41.7  | 32.6  | 49.0  |
| 58      | 70.4  | 60.0  | 90.0  |

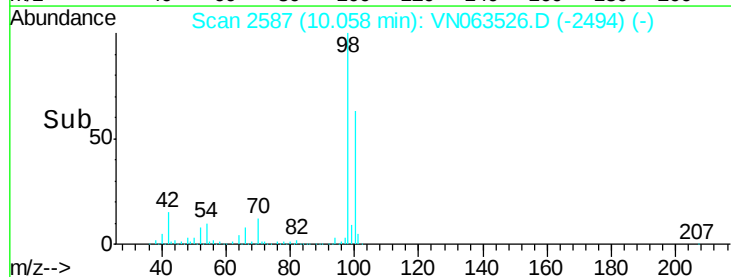
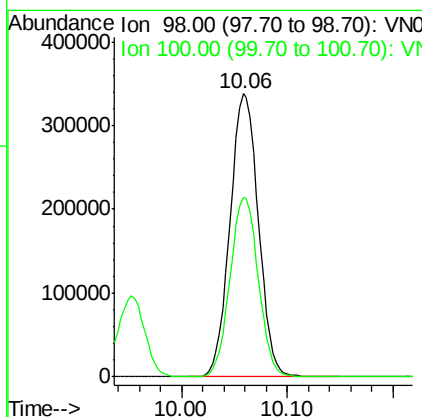
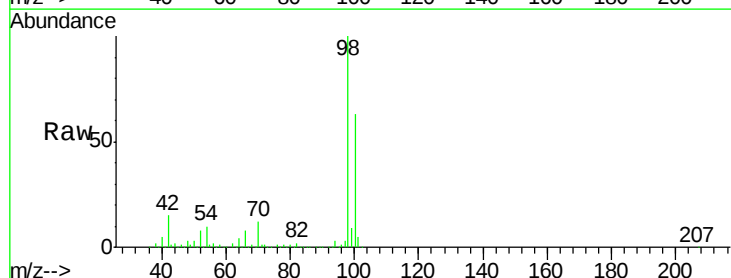
Manual Integrations  
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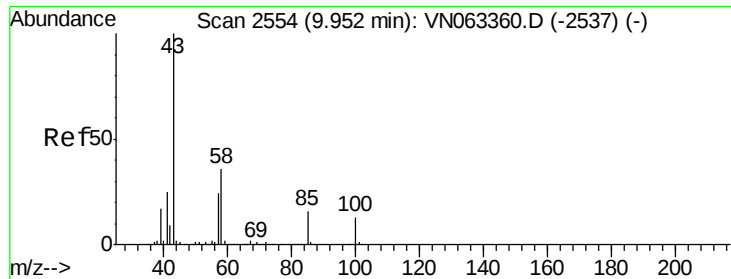
MMDadoda  
9/23/2020 1:05:38 PM



#50  
Toluene-d8  
Concen: 48.179 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 62.6  | 50.7  | 76.1  |





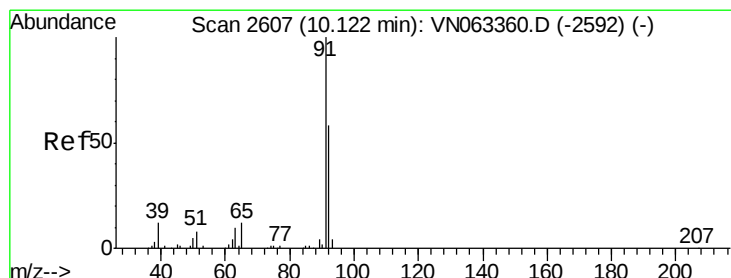
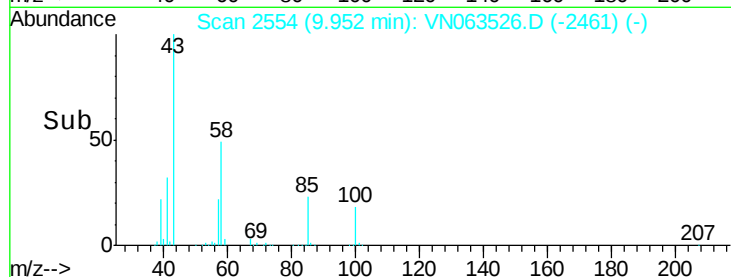
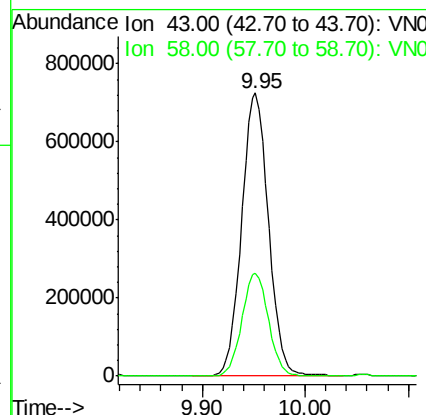
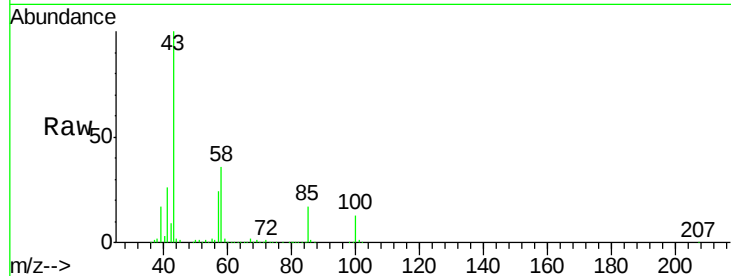
#51  
4-Methyl-2-Pentanone  
Concen: 249.463 ug/l  
RT: 9.95 min Scan# 2554  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 1312352  
Ion Ratio Lower Upper  
43 100  
58 36.1 29.0 43.6

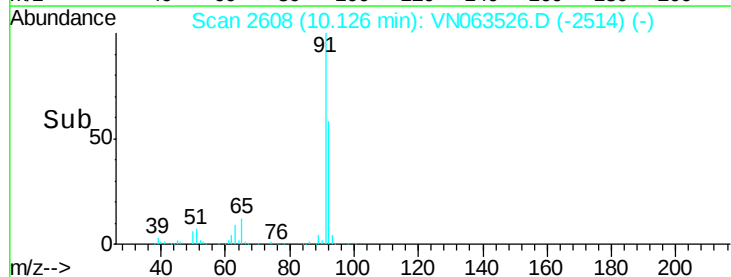
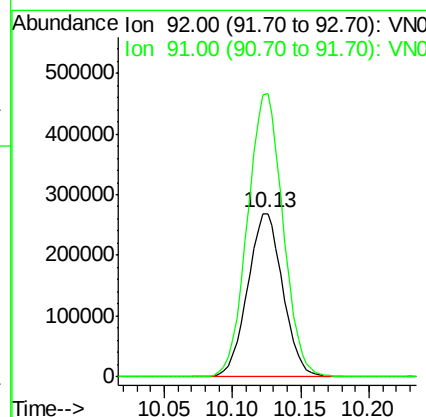
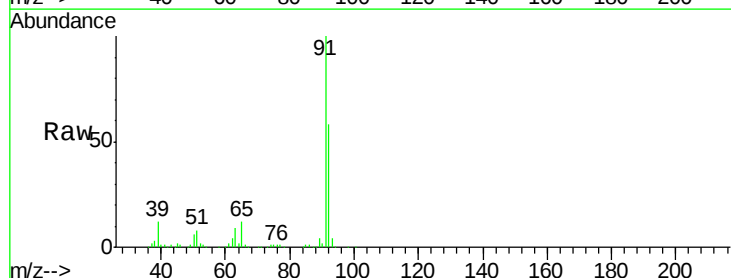
Manual Integrations  
APPROVED

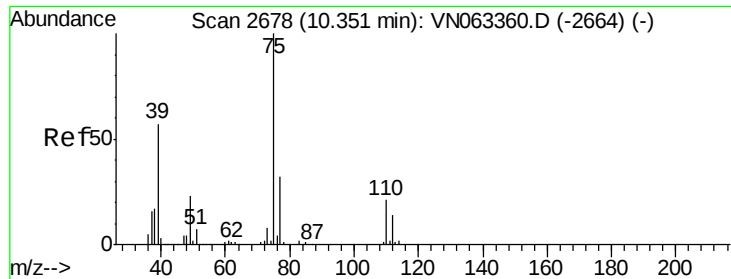
MMDadoda  
9/23/2020 1:05:38 PM



#52  
Toluene  
Concen: 52.243 ug/l  
RT: 10.13 min Scan# 2608  
Delta R.T. 0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Tgt Ion: 92 Resp: 480114  
Ion Ratio Lower Upper  
92 100  
91 175.5 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 50.904 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 323031

Ion Ratio Lower Upper

75 100

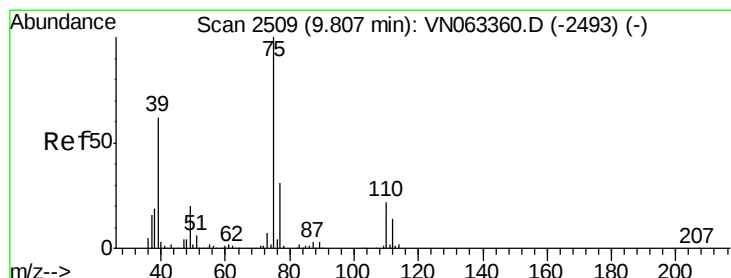
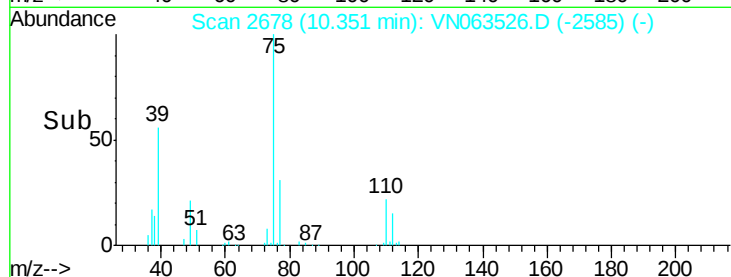
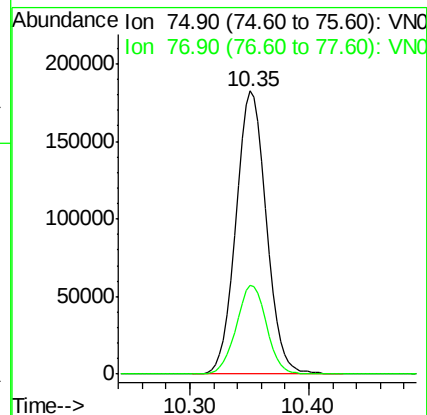
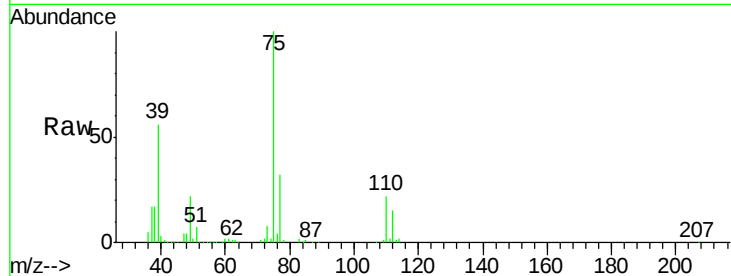
77 31.5 25.4 38.2

Manual Integrations

APPROVED

MMDadoda

9/23/2020 1:05:38 PM



#54

cis-1,3-Dichloropropene

Concen: 50.312 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

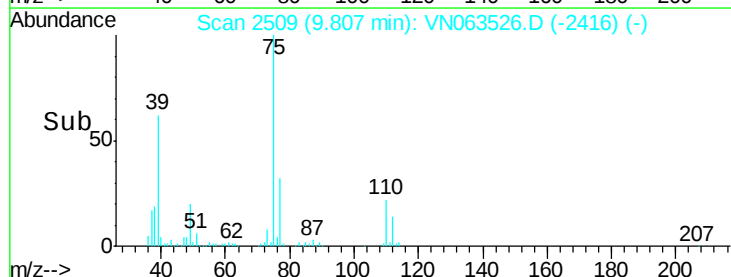
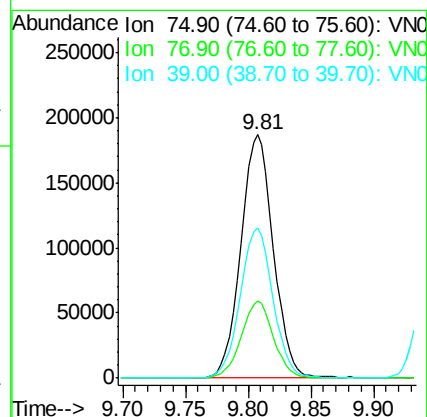
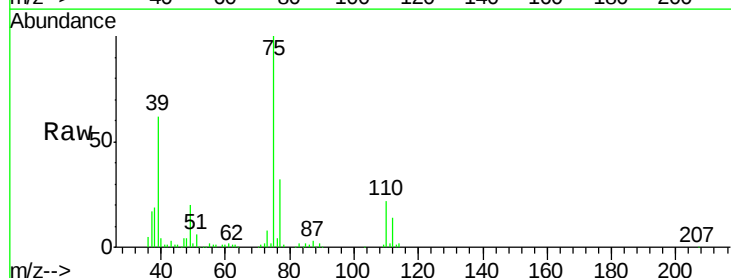
Tgt Ion: 75 Resp: 336772

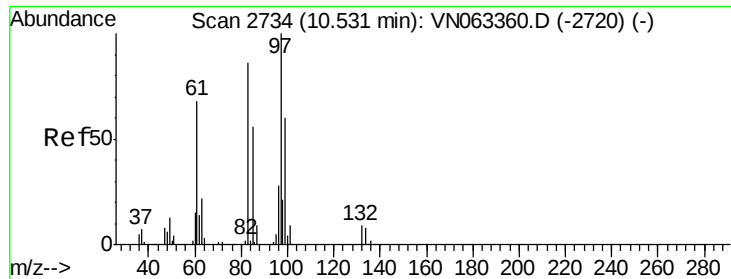
Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0

39 61.5 49.8 74.8





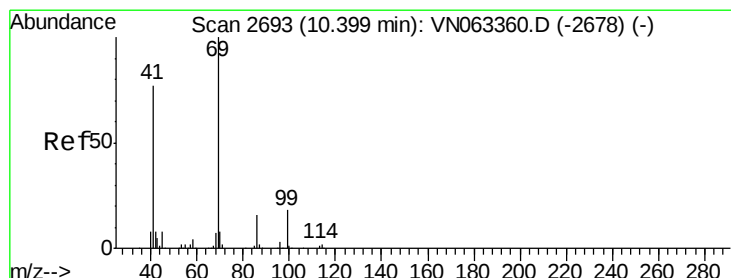
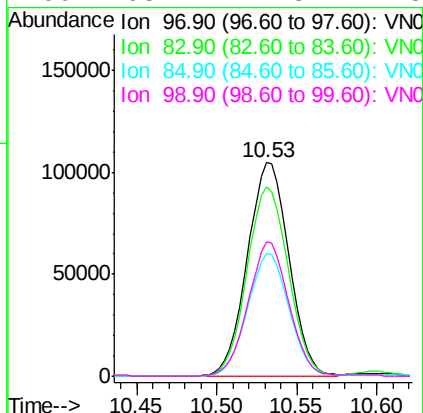
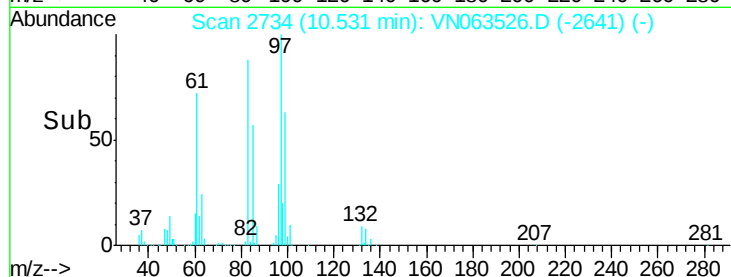
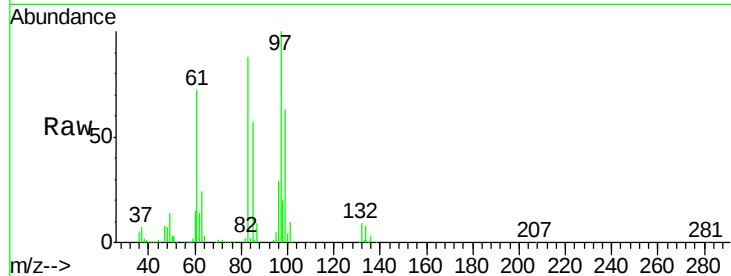
#55  
 1,1,2-Trichloroethane  
 Concen: 51.196 ug/l  
 RT: 10.53 min Scan# 2734  
 Delta R.T. -0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 186882 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 88.5  | 68.9  | 103.3  |
| 85       | 57.3  | 44.8  | 67.2   |
| 99       | 63.2  | 47.8  | 71.8   |

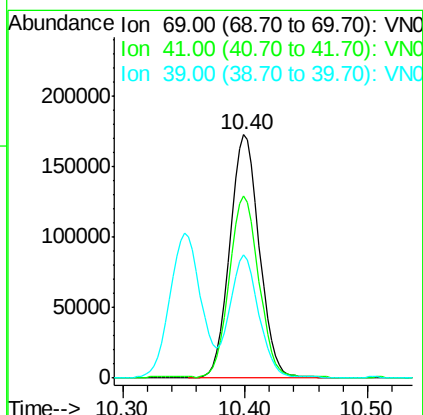
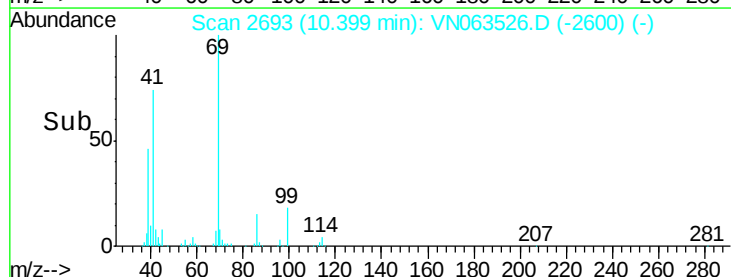
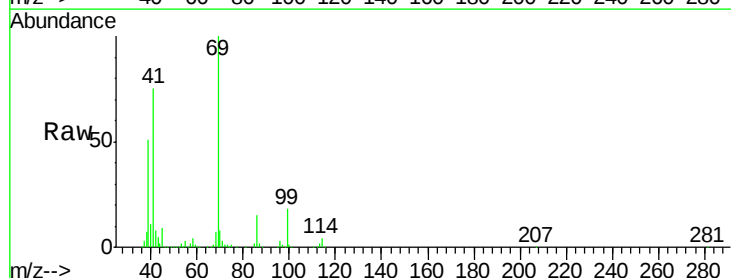
Manual Integrations  
 APPROVED

MMDadoda  
 9/23/2020 1:05:38 PM



#56  
 Ethyl methacrylate  
 Concen: 51.150 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. -0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 291479 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 74.3  | 61.0  | 91.6   |
| 39       | 48.5  | 39.2  | 58.8   |





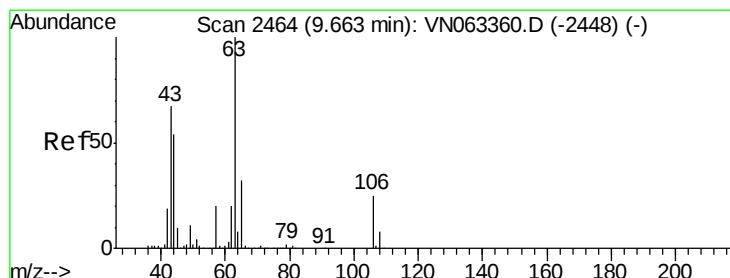
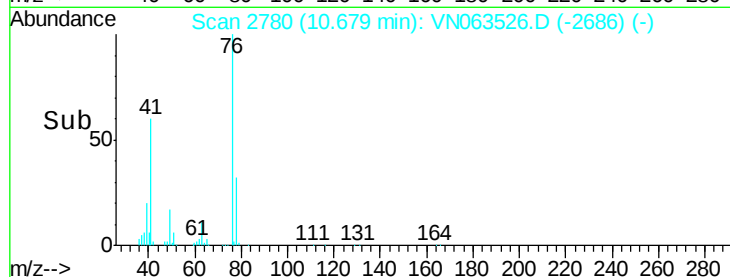
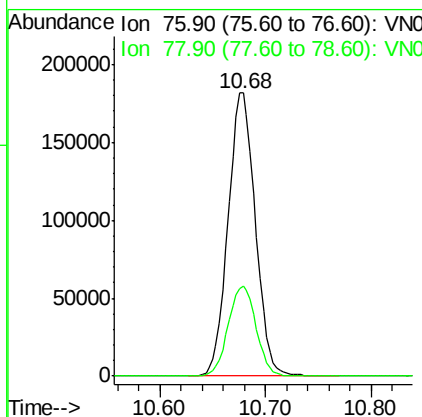
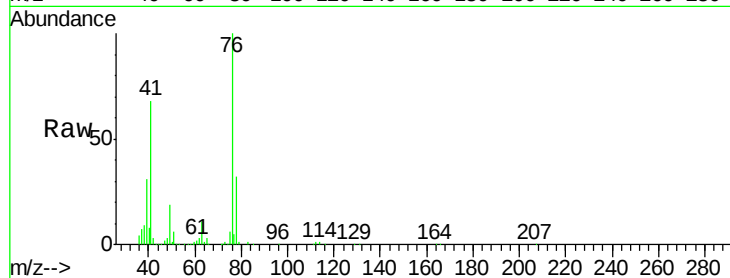
#57  
 1,3-Dichloropropane  
 Concen: 49.402 ug/l  
 RT: 10.68 min Scan# 2780  
 Delta R.T. 0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.5  | 25.8  | 38.8  |

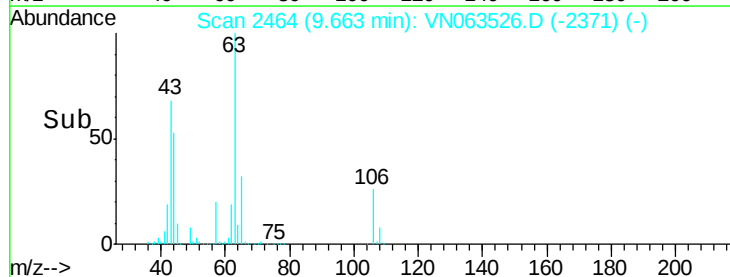
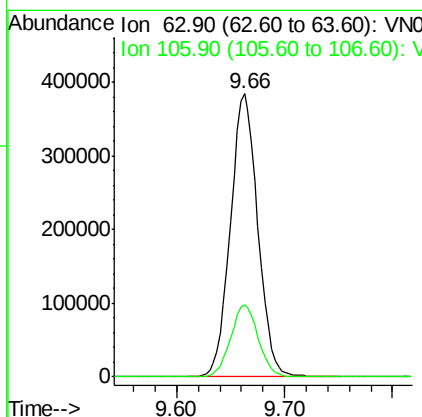
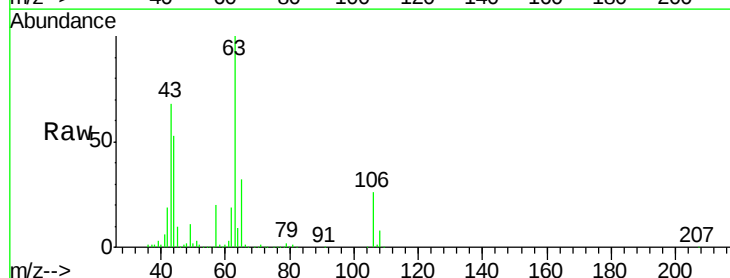
Manual Integrations  
 APPROVED

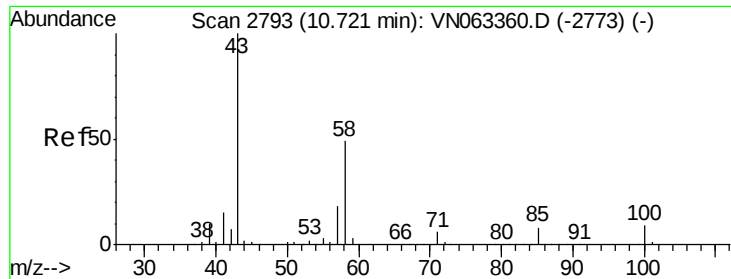
MMDadoda  
 9/23/2020 1:05:38 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 227.549 ug/l  
 RT: 9.66 min Scan# 2464  
 Delta R.T. -0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 25.7  | 19.5  | 29.3  |





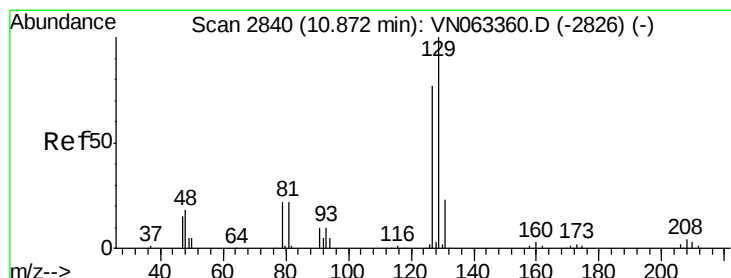
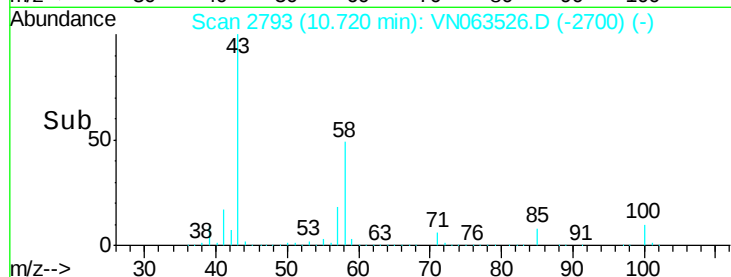
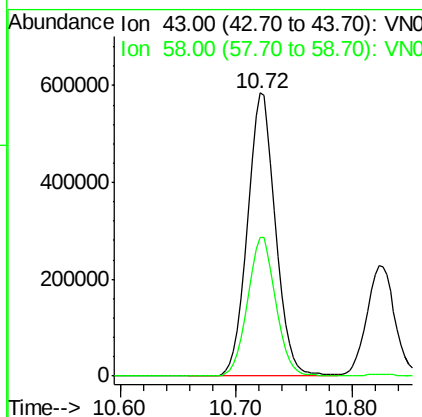
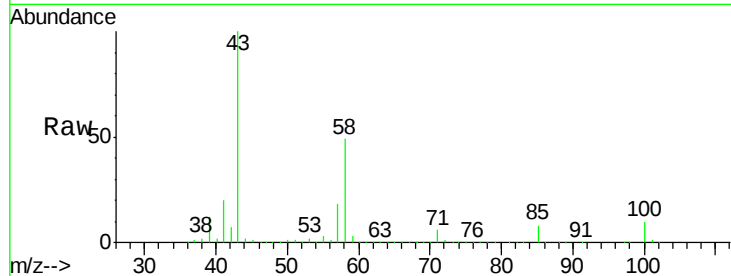
#59  
2-Hexanone  
Concen: 258.645 ug/l  
RT: 10.72 min Scan# 2793  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 985755  
Ion Ratio Lower Upper  
43 100  
58 49.7 24.7 74.1

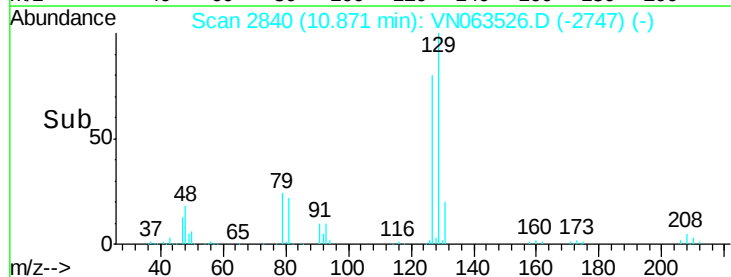
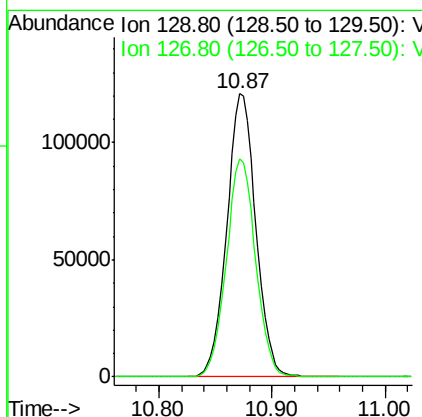
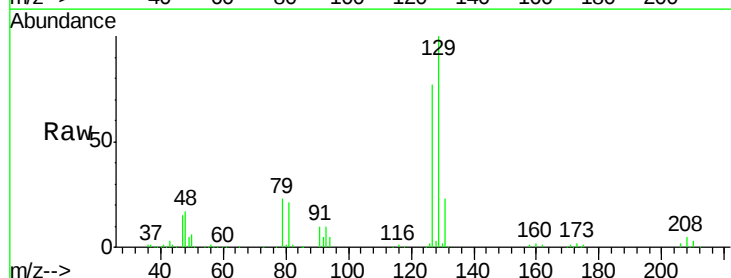
Manual Integrations  
APPROVED

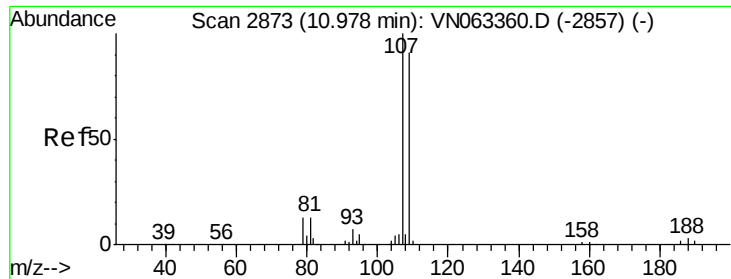
MMDadoda  
9/23/2020 1:05:38 PM



#60  
Dibromochloromethane  
Concen: 52.244 ug/l  
RT: 10.87 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Tgt Ion: 129 Resp: 215448  
Ion Ratio Lower Upper  
129 100  
127 77.7 39.1 117.3





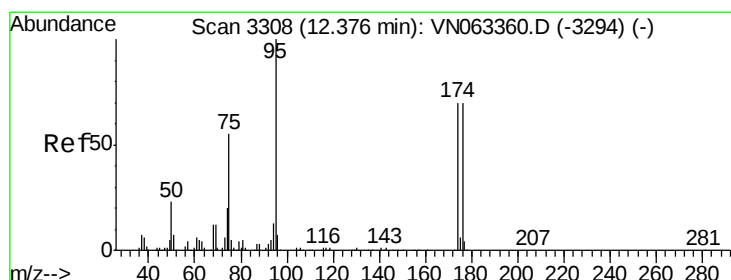
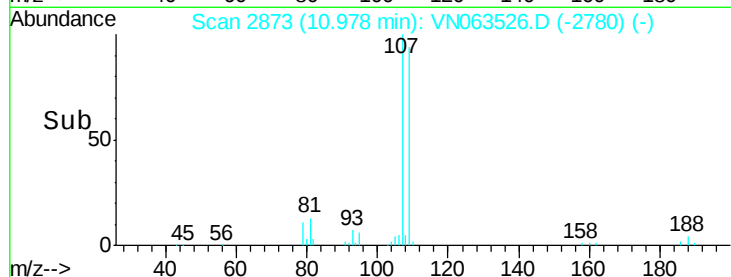
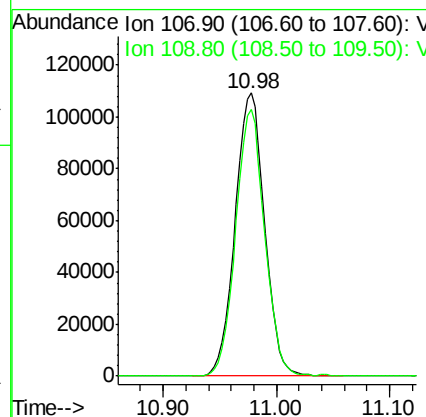
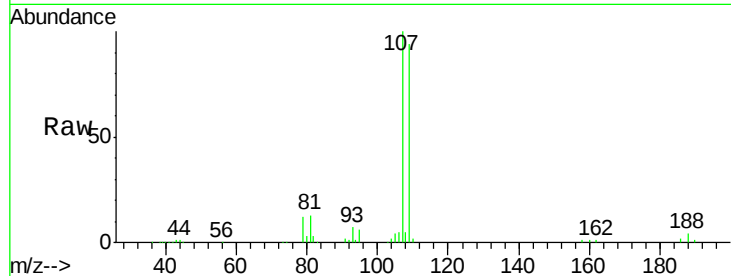
#61  
 1,2-Dibromoethane  
 Concen: 52.288 ug/l  
 RT: 10.98 min Scan# 2873  
 Delta R.T. -0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 198296 |       |       |
| 109     | 92.6  | 74.6   | 111.8 |       |

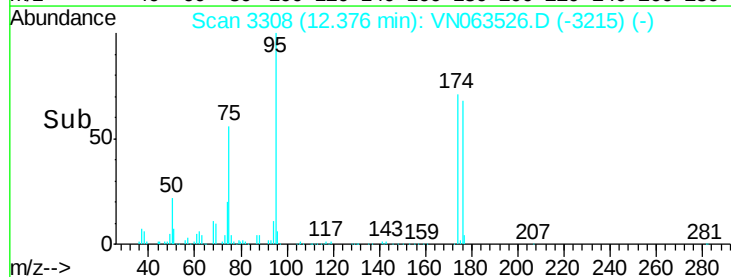
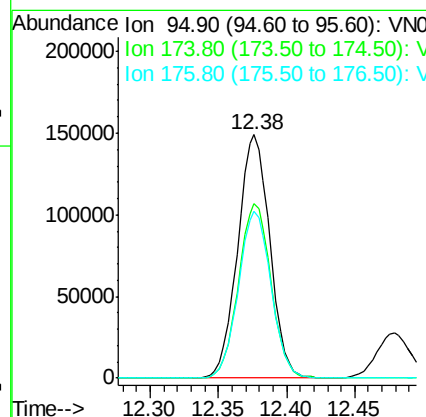
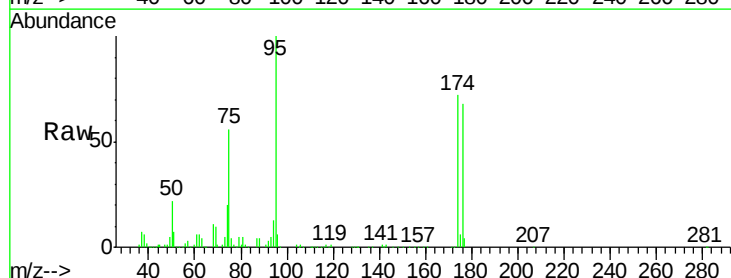
Manual Integrations  
 APPROVED

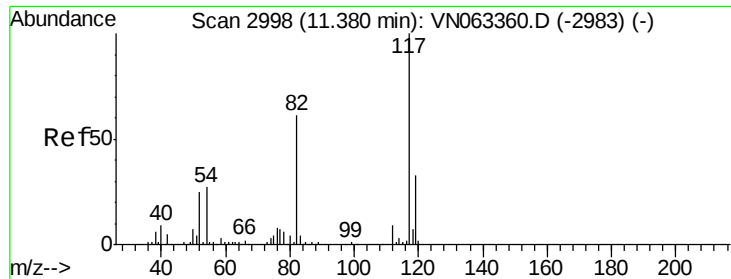
MMDadoda  
 9/23/2020 1:05:38 PM



#62  
 4-Bromofluorobenzene  
 Concen: 50.756 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. -0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 243429 |       |       |
| 174     | 72.5  | 0.0    | 140.8 |       |
| 176     | 69.7  | 0.0    | 137.6 |       |





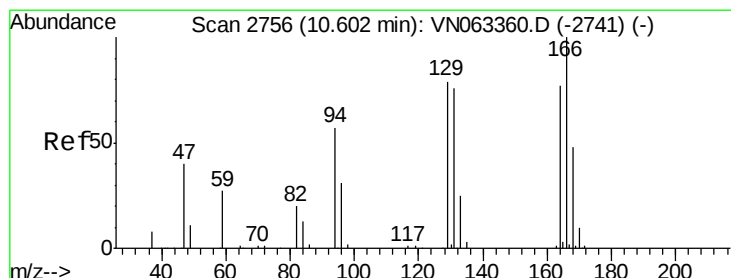
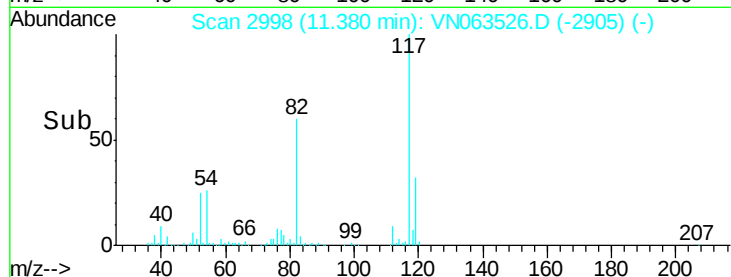
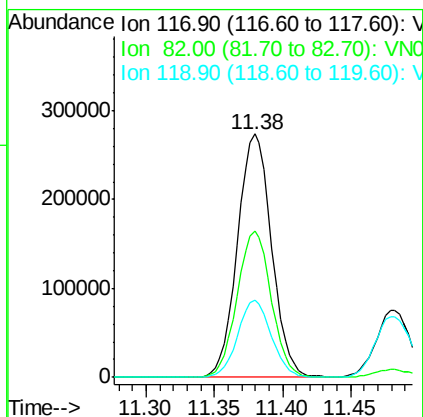
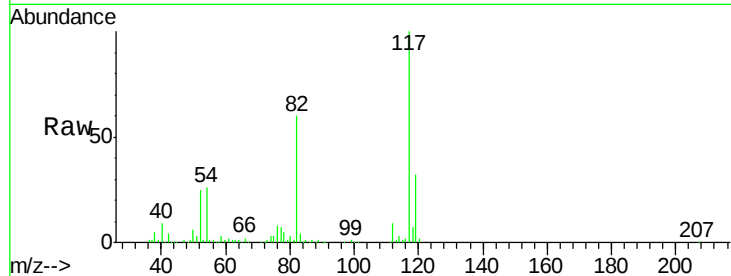
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 60.1  | 49.2  | 73.8  |
| 119     | 31.7  | 26.2  | 39.4  |

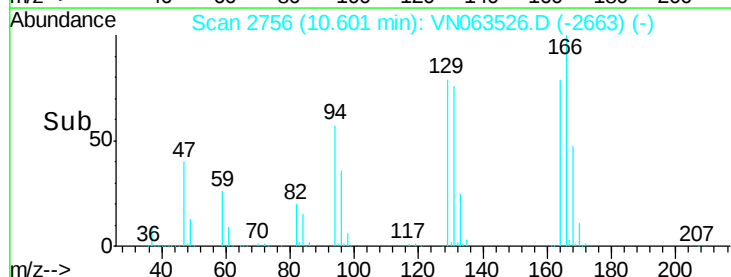
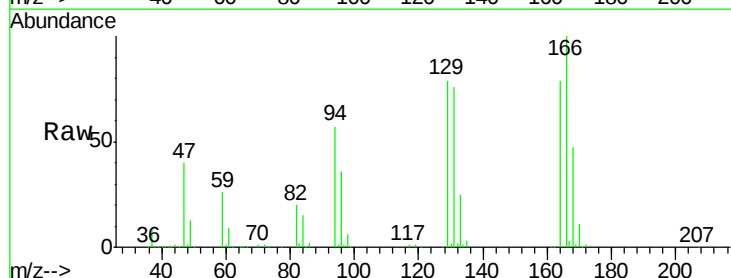
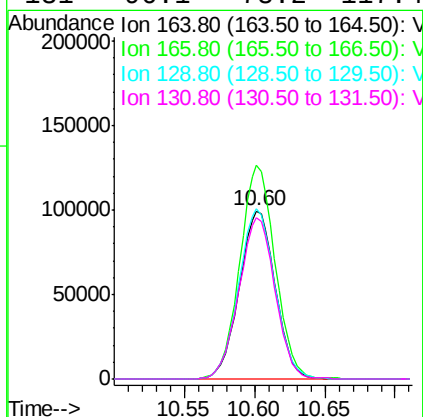
Manual Integrations  
APPROVED

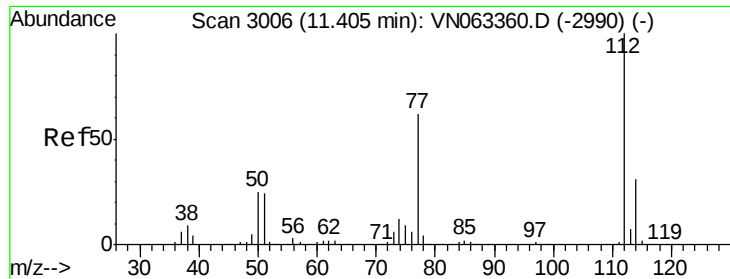
MMDadoda  
9/23/2020 1:05:38 PM



#64  
Tetrachloroethene  
Concen: 54.816 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.1 | 103.4 | 155.0 |
| 129     | 101.0 | 81.8  | 122.6 |
| 131     | 96.1  | 78.2  | 117.4 |





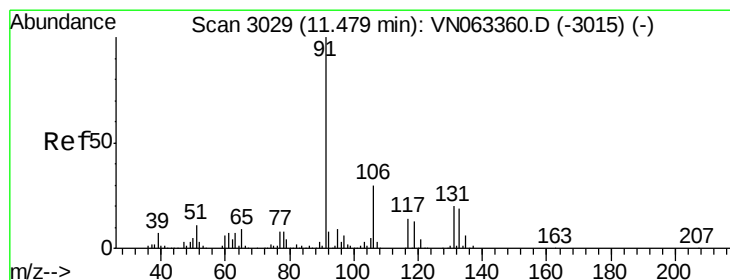
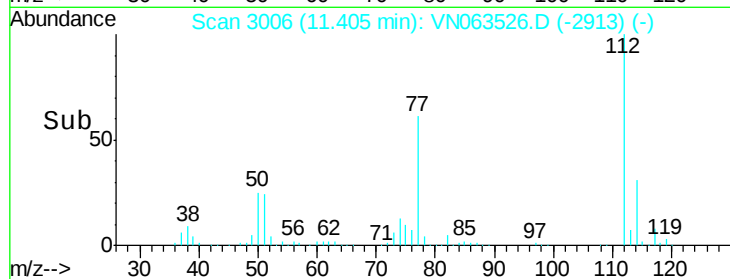
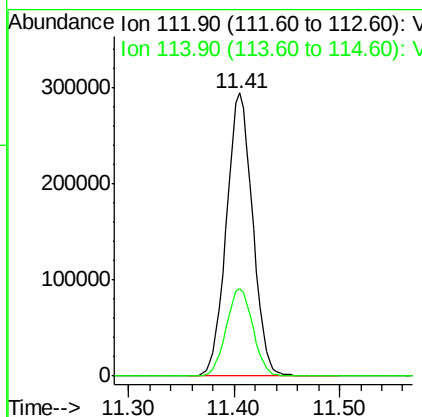
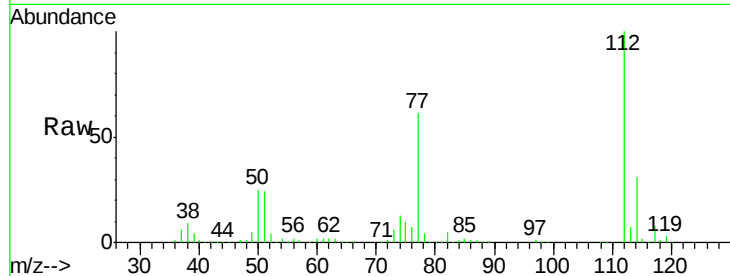
#65  
Chlorobenzene  
Concen: 50.055 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 504354  
Ion Ratio Lower Upper  
112 100  
114 30.9 25.0 37.6

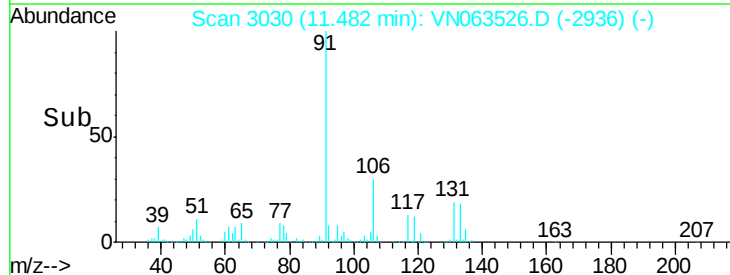
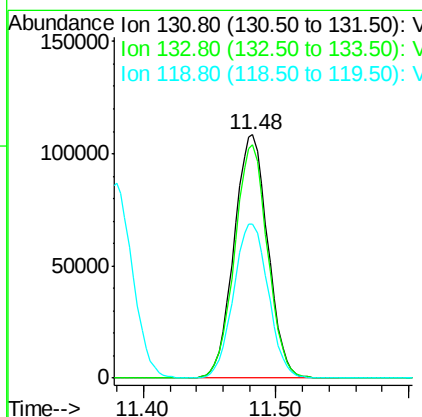
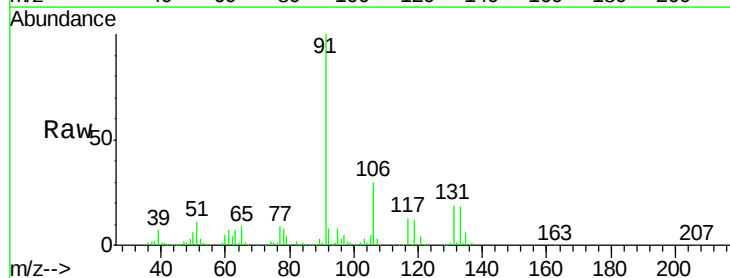
Manual Integrations  
APPROVED

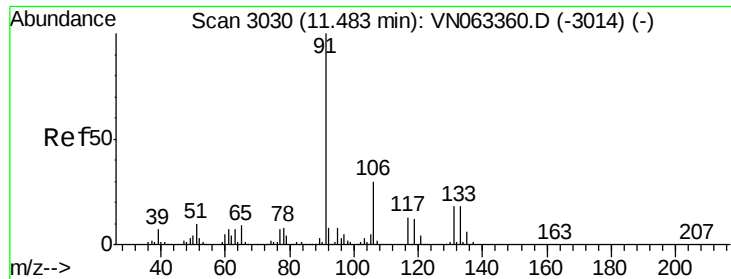
MMDadoda  
9/23/2020 1:05:38 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.927 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Tgt Ion:131 Resp: 191793  
Ion Ratio Lower Upper  
131 100  
133 93.7 47.3 141.9  
119 65.2 33.6 100.8





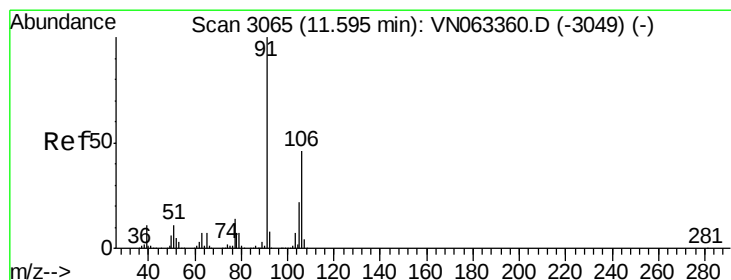
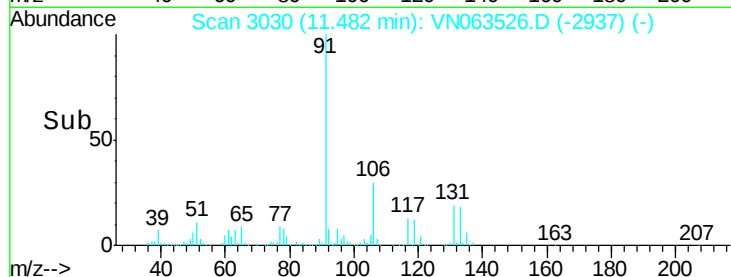
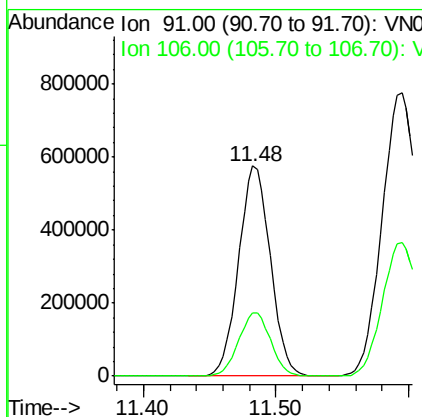
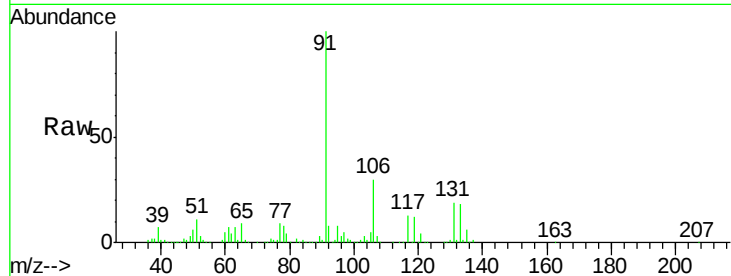
#67  
Ethyl Benzene  
Concen: 50.470 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

Tot Ion: 91 Resp: 957660  
Ion Ratio Lower Upper  
91 100  
106 30.2 23.8 35.6

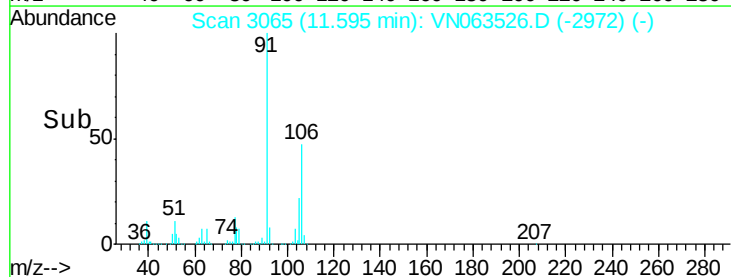
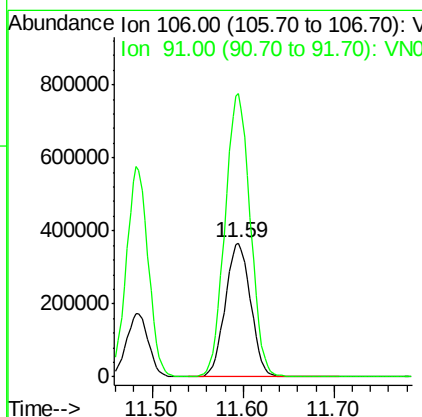
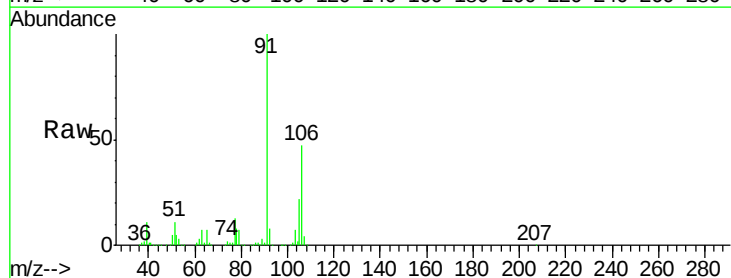
Manual Integrations  
APPROVED

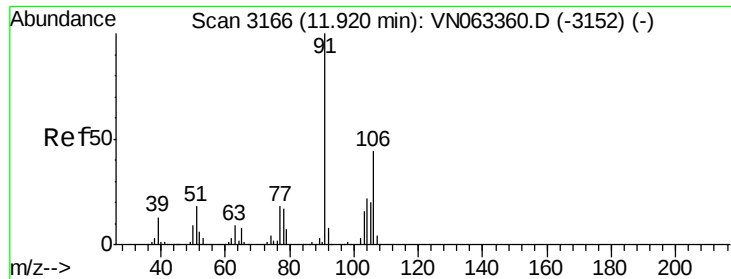
MMDadoda  
9/23/2020 1:05:38 PM



#68  
m/p-Xylenes  
Concen: 103.571 ug/l  
RT: 11.59 min Scan# 3065  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Tgt Ion: 106 Resp: 708574  
Ion Ratio Lower Upper  
106 100  
91 210.2 171.2 256.8





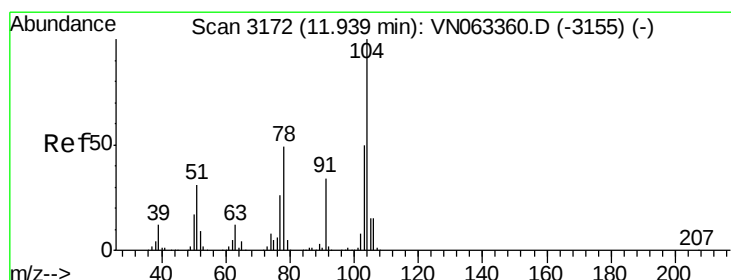
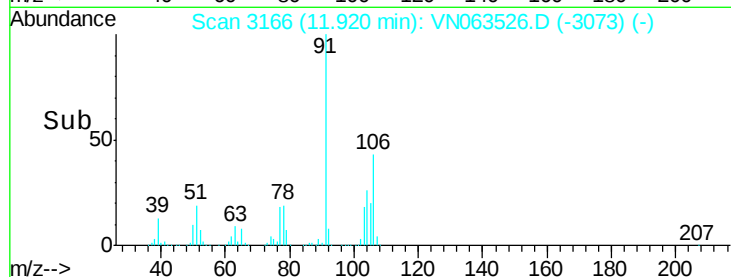
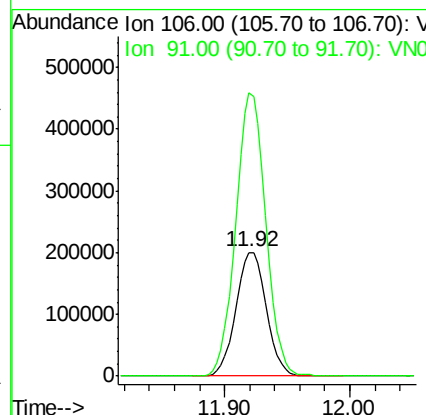
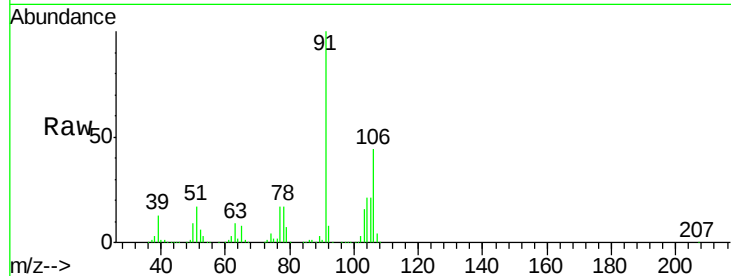
#69  
o-Xylene  
Concen: 51.624 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |       |
| 91      | 225.9 | 113.6 | 340.8 |       |       |

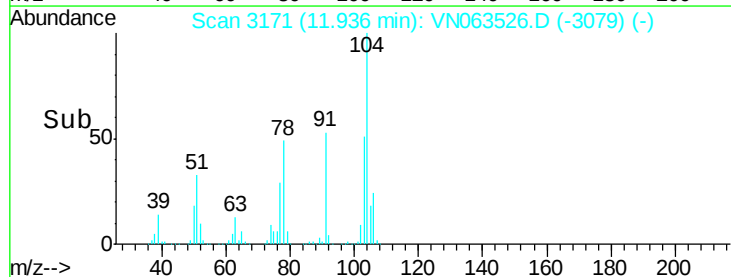
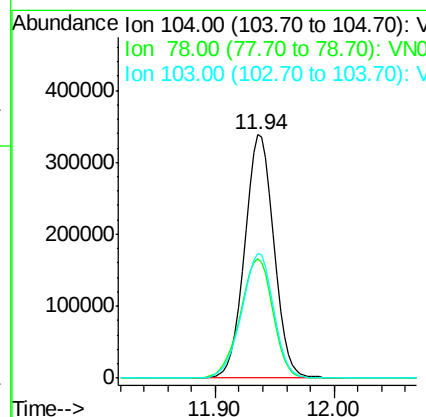
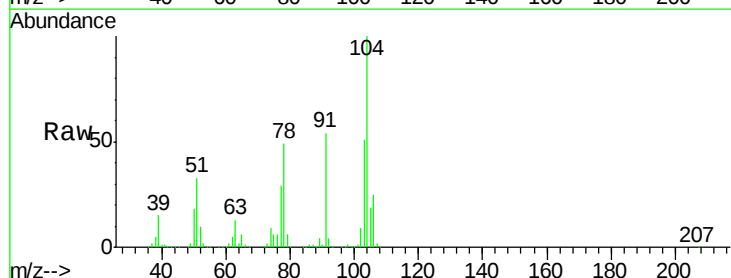
Manual Integrations  
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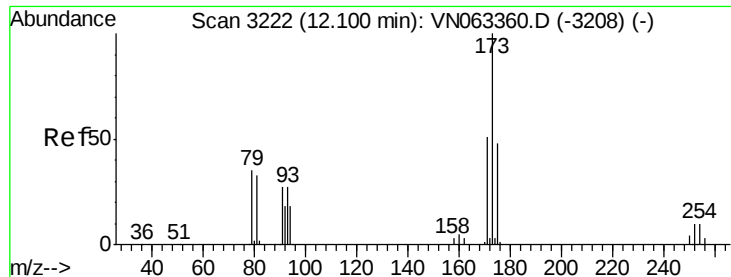
MMDadoda  
9/23/2020 1:05:38 PM



#70  
Styrene  
Concen: 52.685 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 104     | 100  |       |      |       |       |
| 78      | 55.0 | 44.4  | 66.6 |       |       |
| 103     | 56.0 | 43.7  | 65.5 |       |       |





#71

Bromoform

Concen: 52.031 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 143165

Ion Ratio Lower Upper

173 100

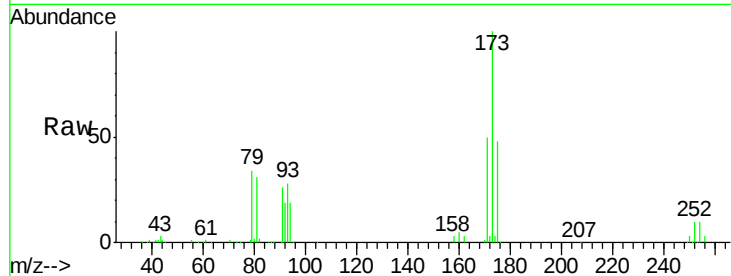
175 47.4 24.0 72.0

254 0.1 0.0 0.0#

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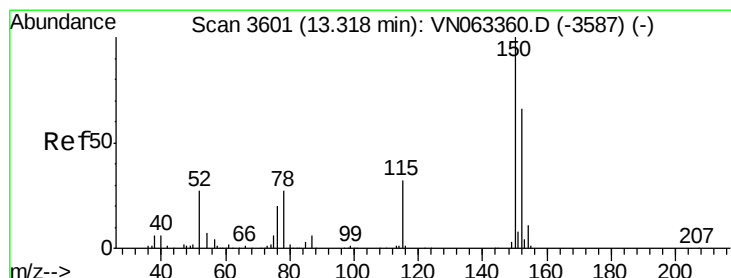
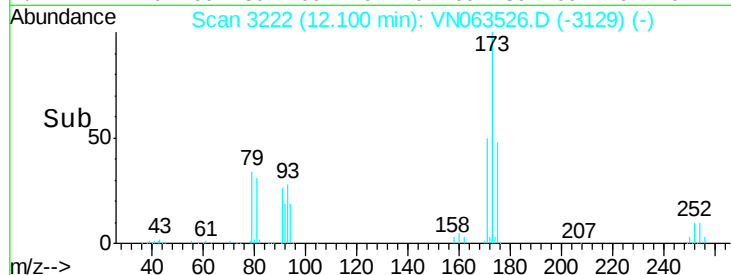
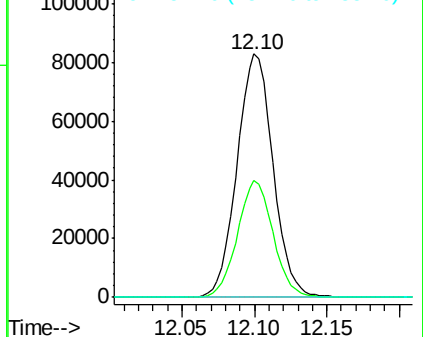
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

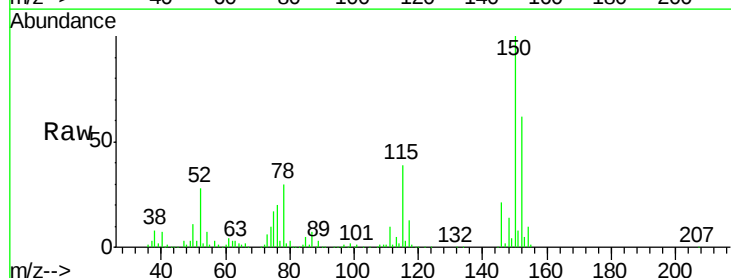
Tgt Ion:152 Resp: 231728

Ion Ratio Lower Upper

152 100

115 62.7 32.2 96.6

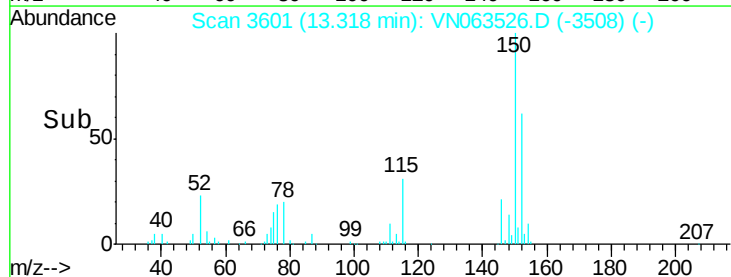
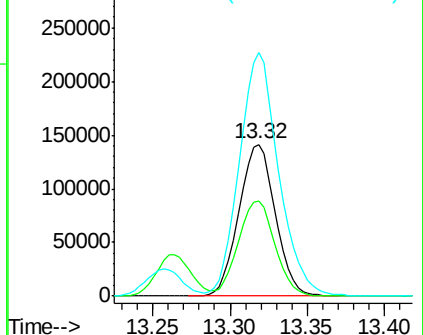
150 172.6 0.0 343.4

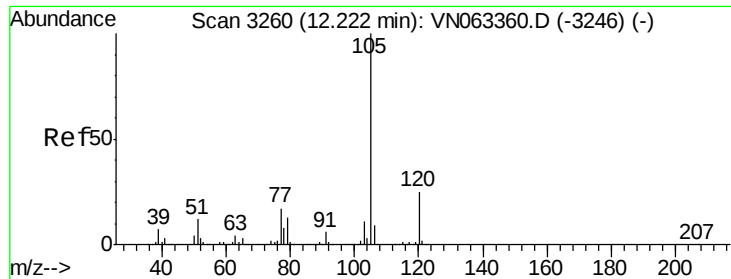


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





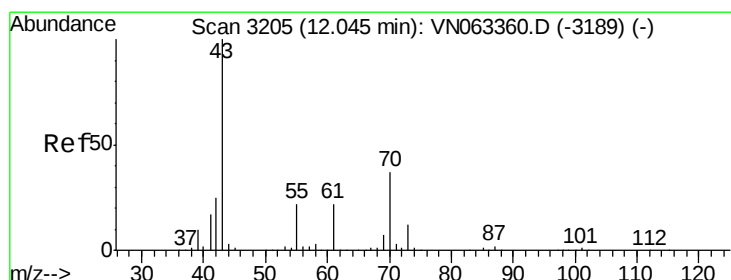
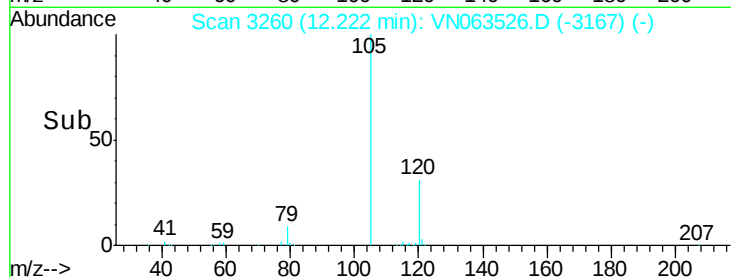
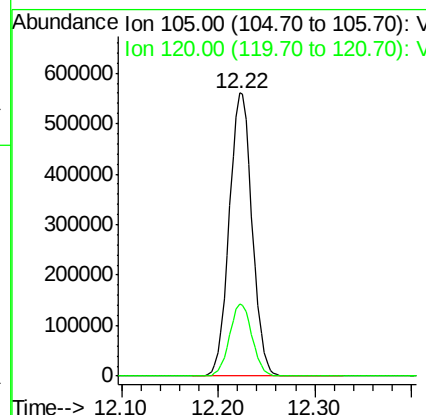
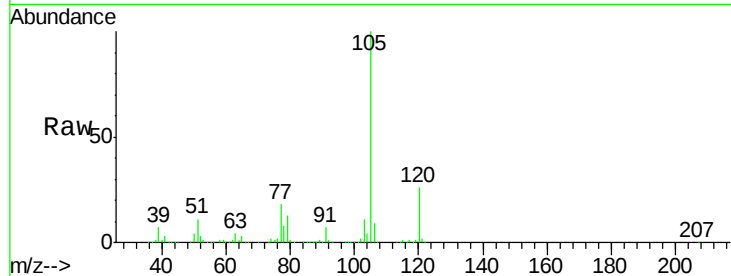
#73  
Isopropylbenzene  
Concen: 49.452 ug/l  
RT: 12.22 min Scan# 3260  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.3  | 12.7  | 38.0  |

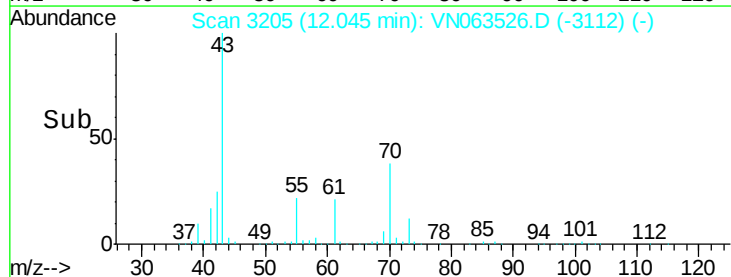
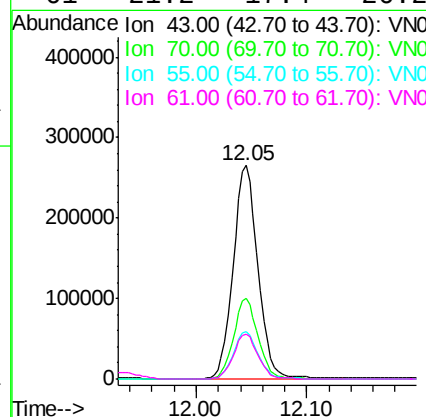
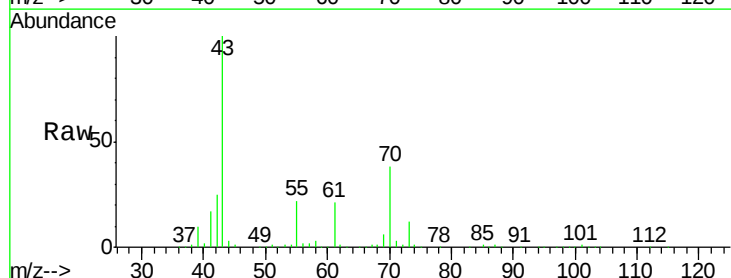
Manual Integrations  
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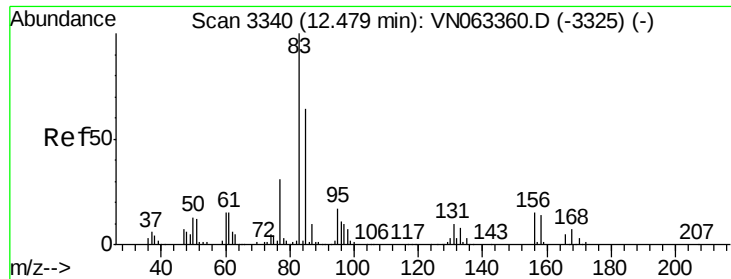
MMDadoda  
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#74  
N-ethyl acetate  
Concen: 46.997 ug/l  
RT: 12.05 min Scan# 3205  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 37.2  | 29.6  | 44.4  |
| 55      | 22.3  | 17.7  | 26.5  |
| 61      | 21.2  | 17.4  | 26.2  |





#75

1,1,2,2-Tetrachloroethane

Concen: 47.407 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

Tot Ion: 83 Resp: 272575  
Ion Ratio Lower Upper

83 100

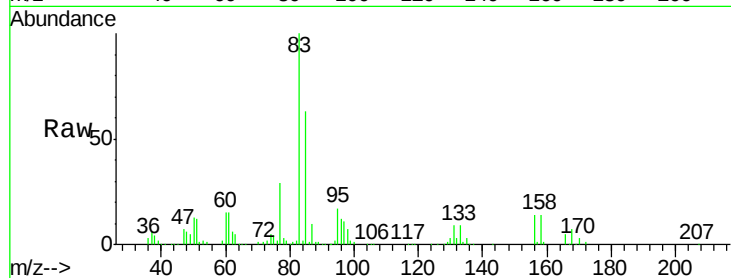
131 9.3 4.9 14.7

85 63.4 32.0 96.0

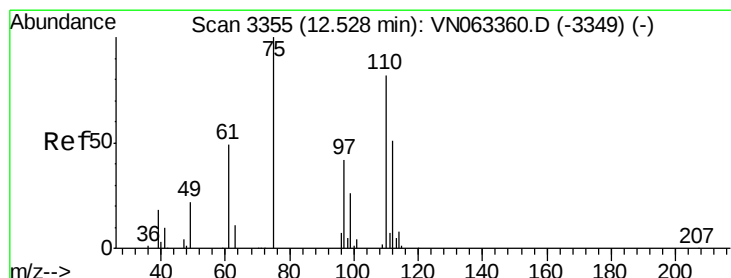
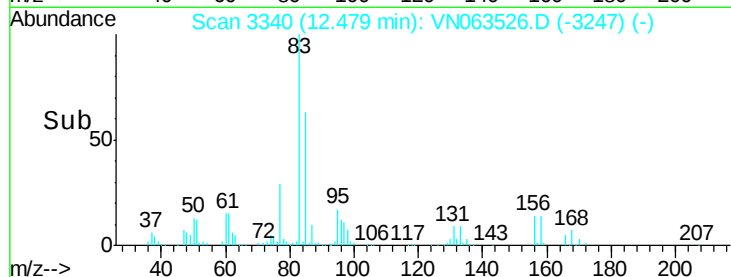
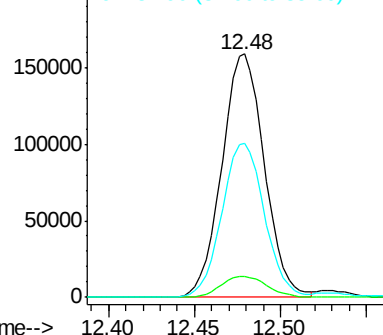
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Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 130.80 (130.50 to 131.50): VN0  
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 43.544 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

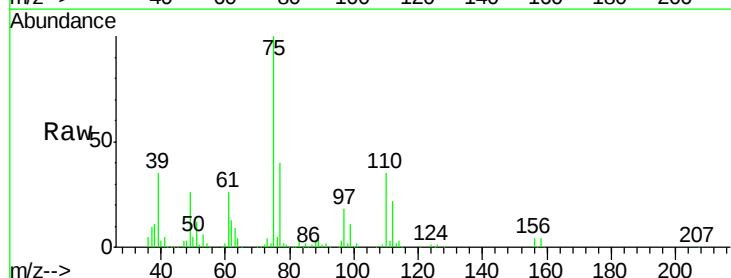
Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

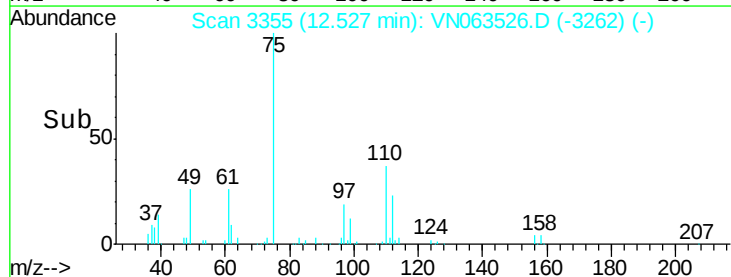
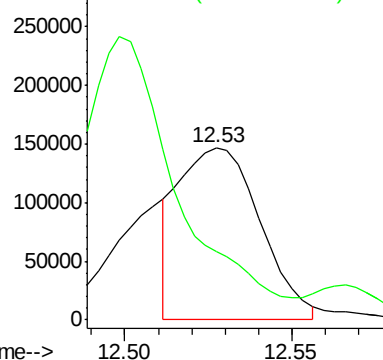
Tgt Ion: 75 Resp: 249753  
Ion Ratio Lower Upper

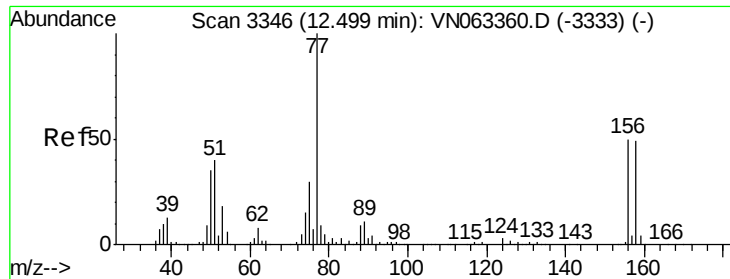
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0  
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 51.010 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA\_N

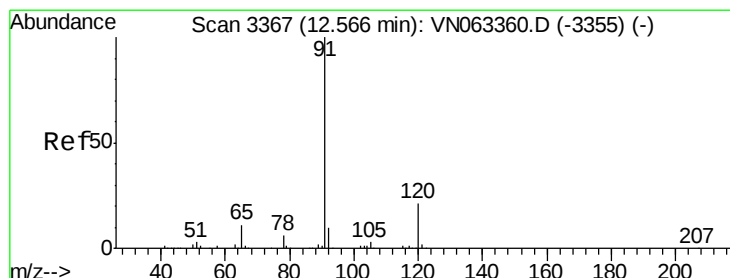
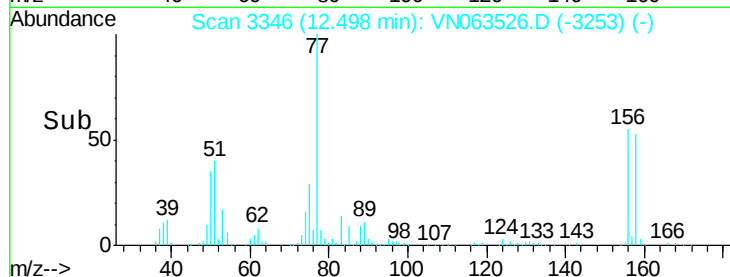
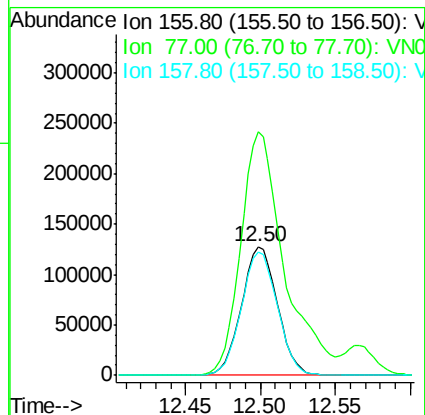
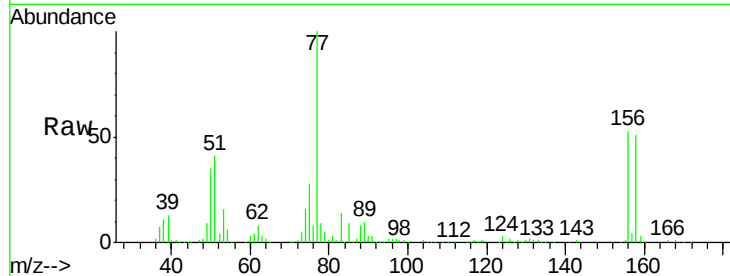
ClientSampleId :

VSTDCCC050

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 156     | 100   |       |       |       |
| 77      | 229.1 | 120.2 | 360.6 |       |
| 158     | 97.0  | 48.9  | 146.6 |       |

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#78

n-propylbenzene

Concen: 49.704 ug/l

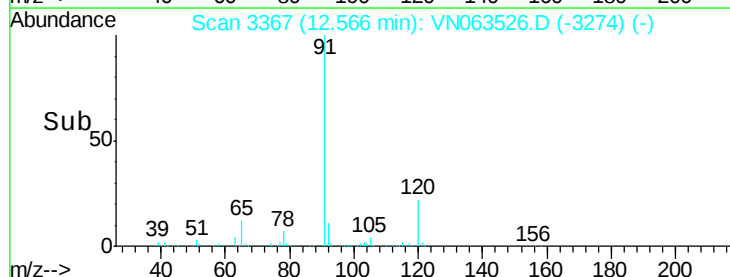
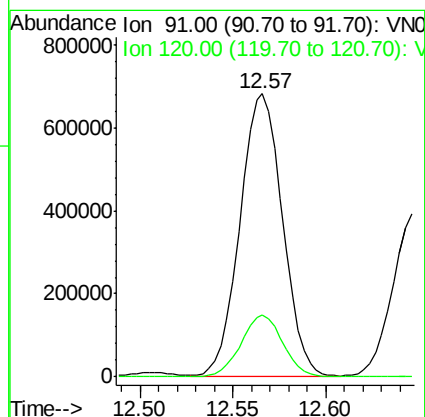
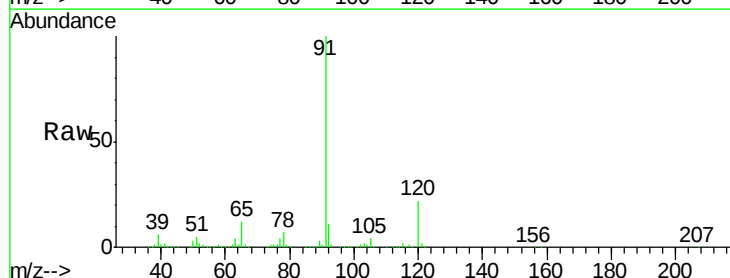
RT: 12.57 min Scan# 3367

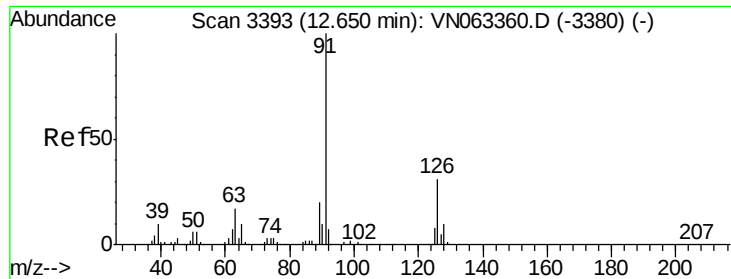
Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 120     | 21.6 | 10.8  | 32.3  |       |





#79

2-Chlorotoluene

Concen: 50.023 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 648547

Ion Ratio Lower Upper

91 100

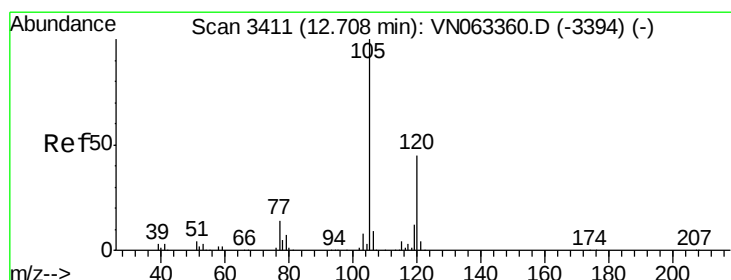
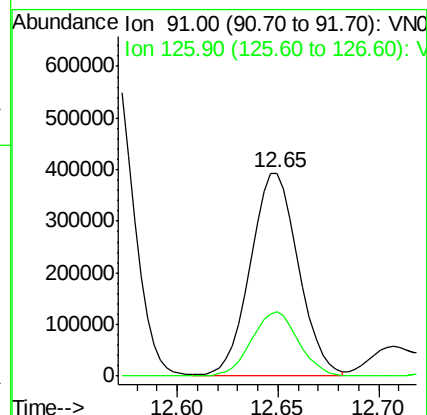
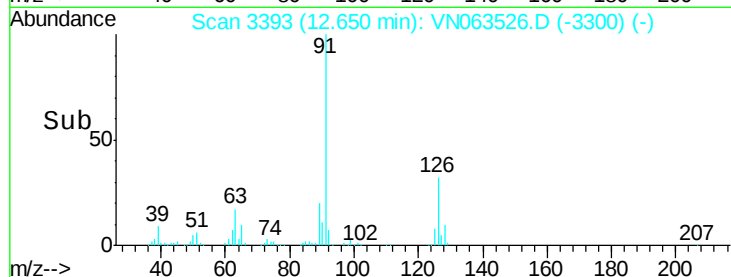
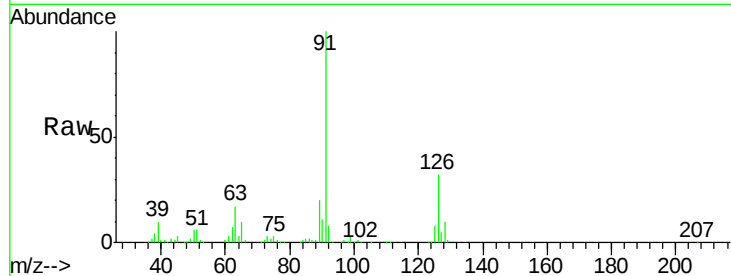
126 31.6 15.8 47.3

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#80

1,3,5-Trimethylbenzene

Concen: 50.448 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063526.D

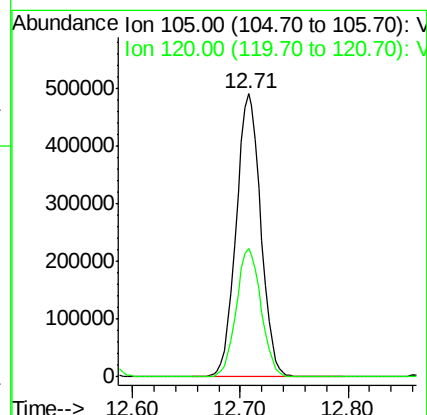
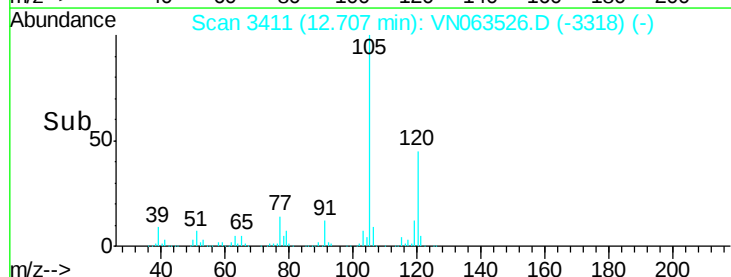
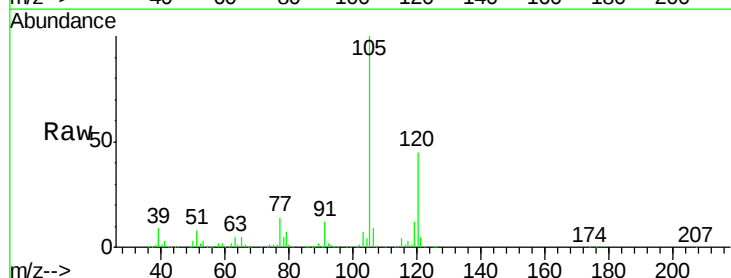
Acq: 22 Sep 2020 12:08

Tgt Ion: 105 Resp: 781161

Ion Ratio Lower Upper

105 100

120 45.7 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.343 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA\_N

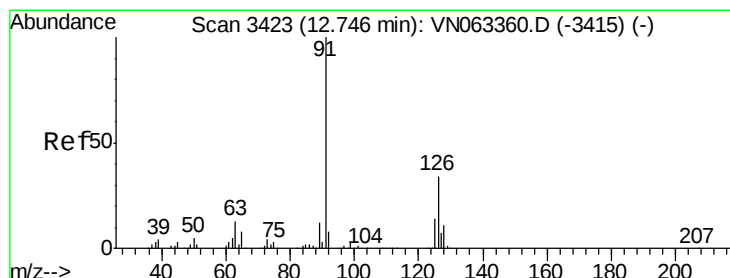
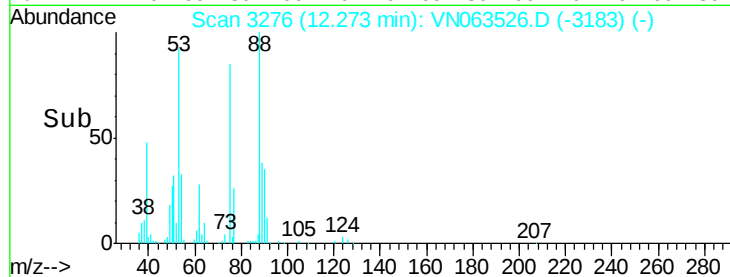
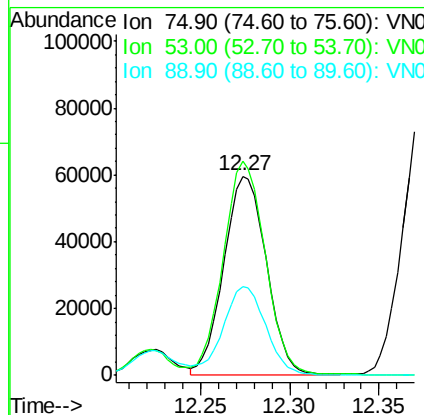
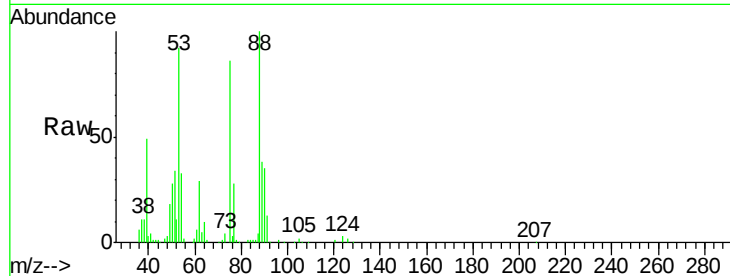
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 99044 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 105.5 | 85.7  | 128.5 |
| 89       | 45.4  | 38.0  | 57.0  |

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 50.856 ug/l

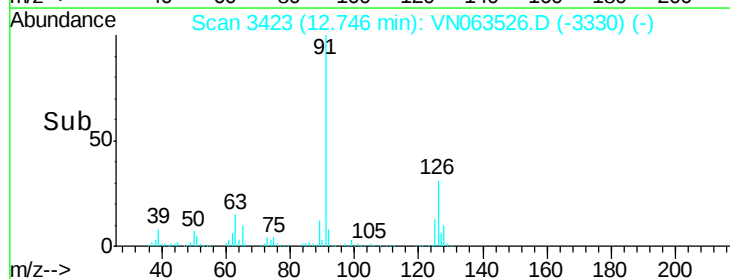
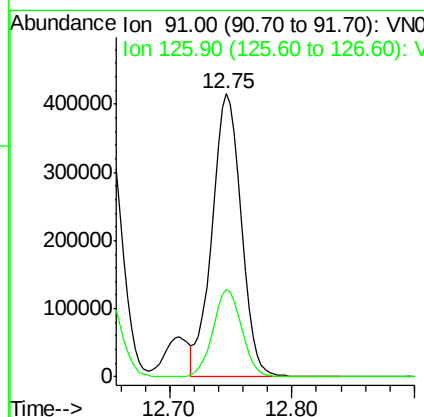
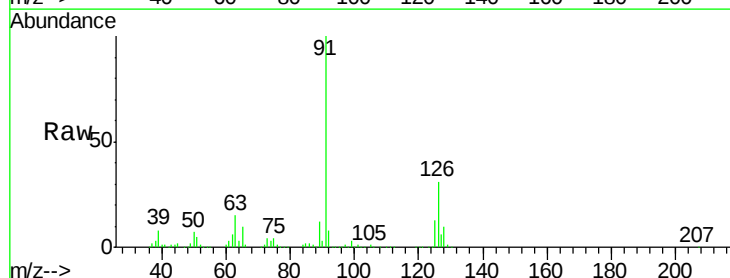
RT: 12.75 min Scan# 3423

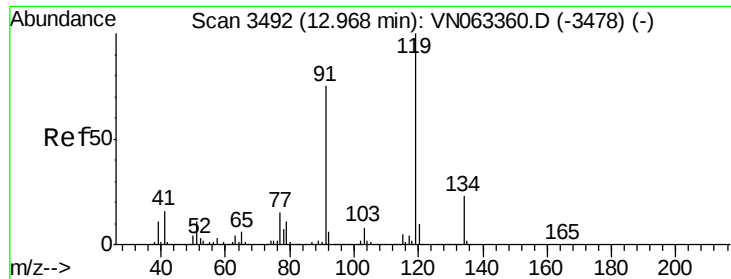
Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 696655 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 30.5  | 15.5  | 46.5   |





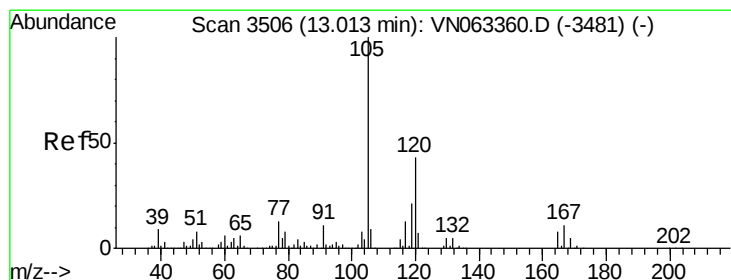
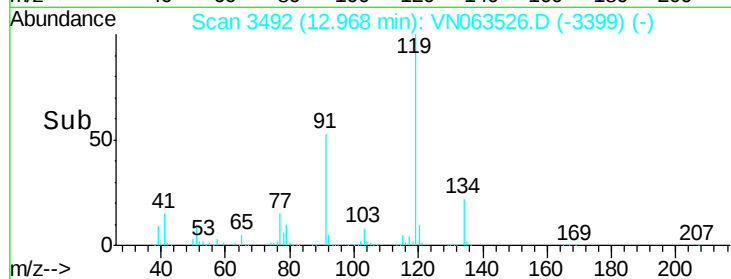
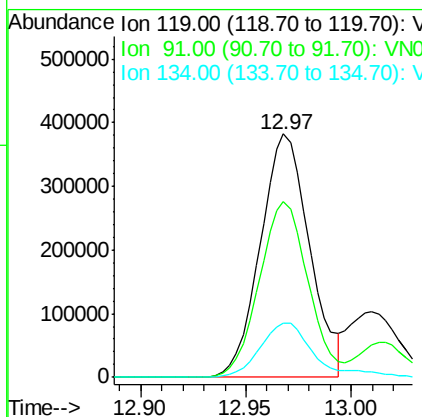
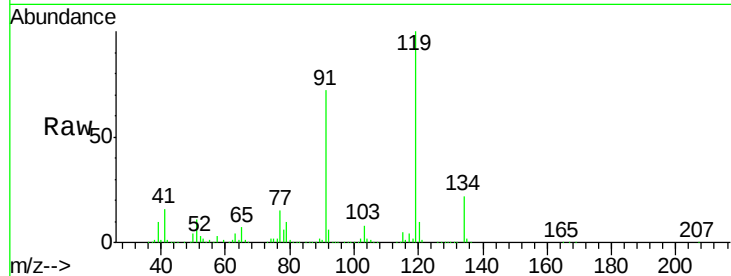
#83  
 tert-Butylbenzene  
 Concen: 48.756 ug/l  
 RT: 12.97 min Scan# 3492  
 Delta R.T. -0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 71.5  | 36.3  | 108.9 |
| 134     | 24.4  | 12.3  | 36.8  |

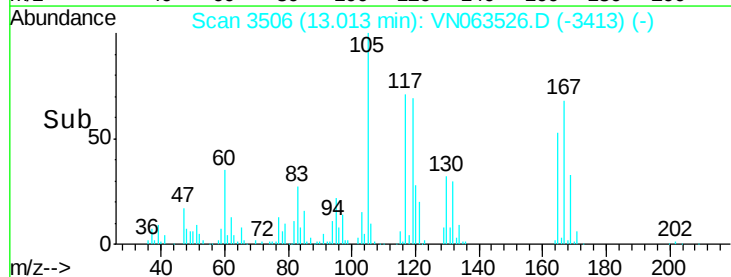
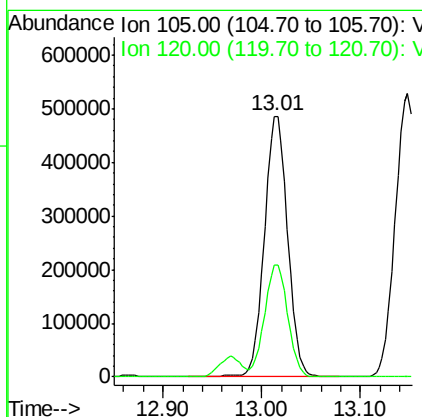
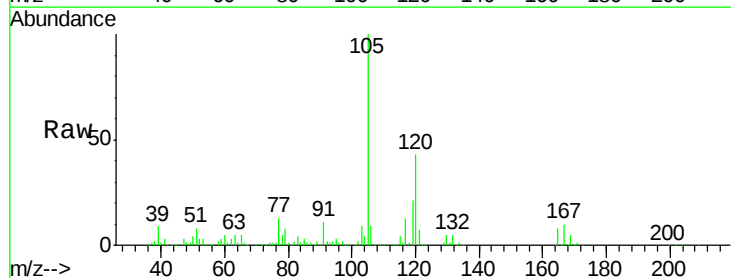
Manual Integrations  
 APPROVED

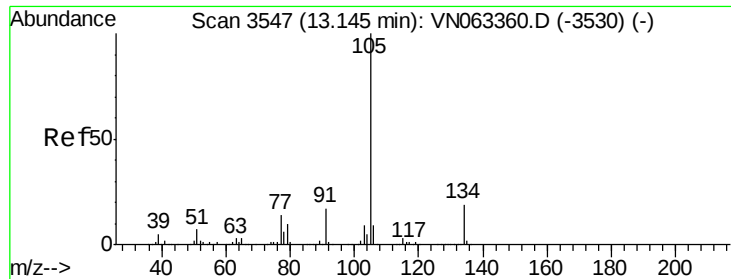
MMDadoda  
 9/23/2020 1:05:38 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.370 ug/l  
 RT: 13.01 min Scan# 3506  
 Delta R.T. -0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 42.8  | 21.3  | 63.9  |





#85

sec-Butylbenzene

Concen: 49.055 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 839180

Ion Ratio Lower Upper

105 100

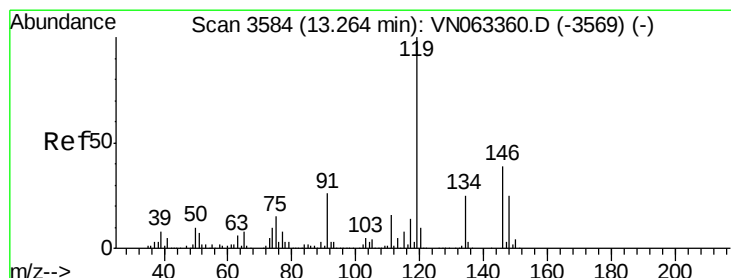
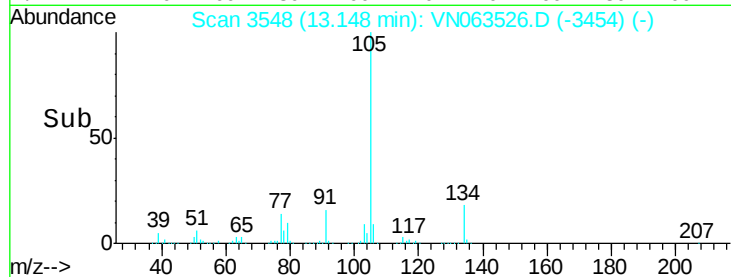
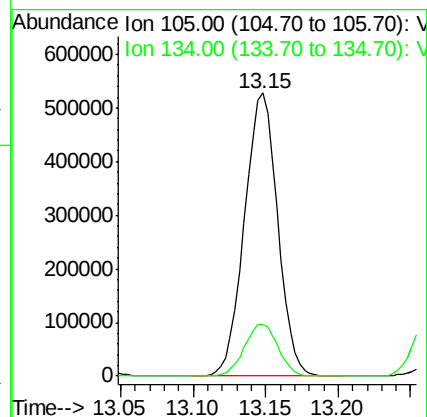
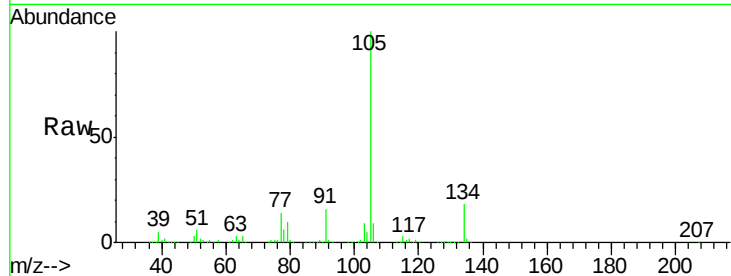
134 18.6 9.3 27.7

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.289 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063526.D

Acq: 22 Sep 2020 12:08

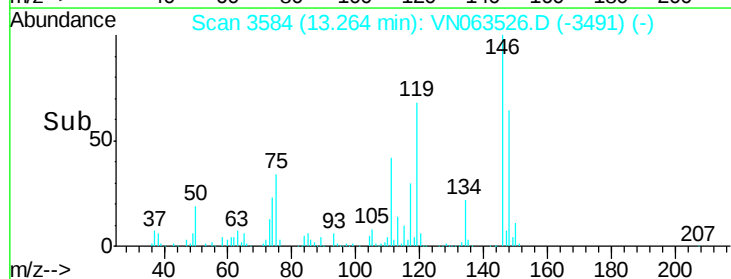
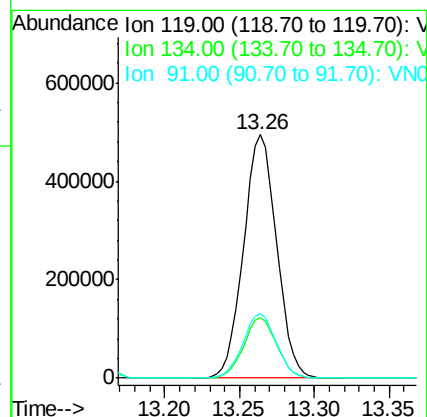
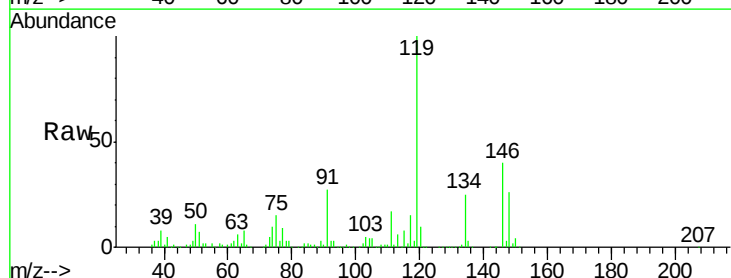
Tgt Ion:119 Resp: 758783

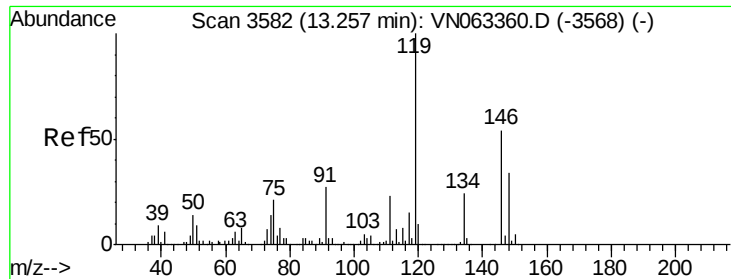
Ion Ratio Lower Upper

119 100

134 24.6 12.5 37.5

91 26.7 13.4 40.1





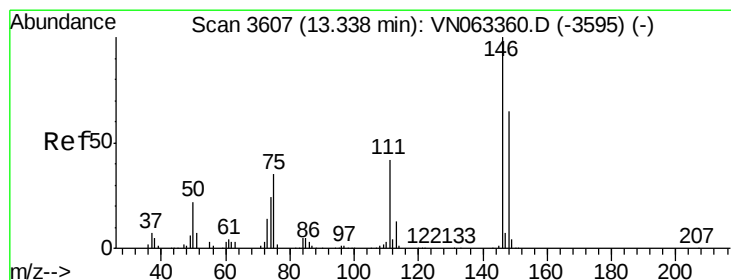
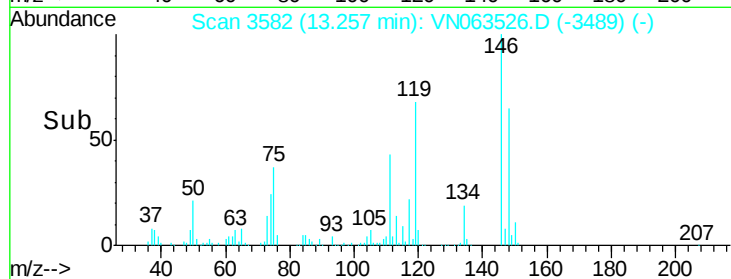
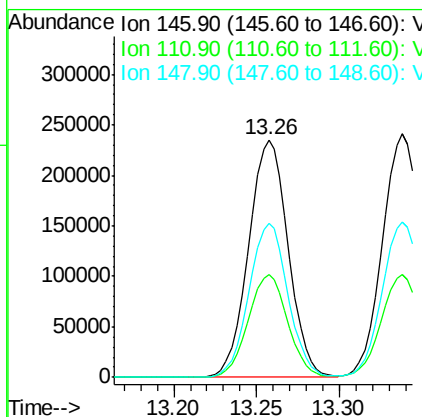
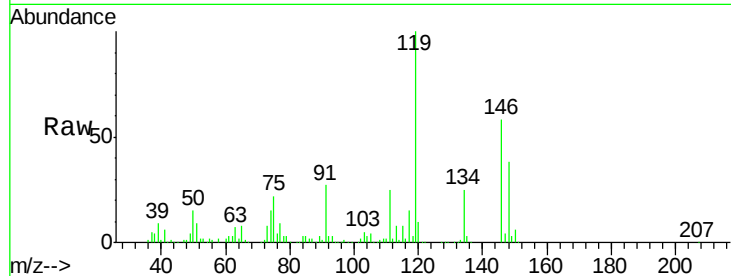
#87  
 1,3-Dichlorobenzene  
 Concen: 50.412 ug/l  
 RT: 13.26 min Scan# 3582  
 Delta R.T. -0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.4  | 21.4  | 64.3  |
| 148     | 64.3  | 31.9  | 95.7  |

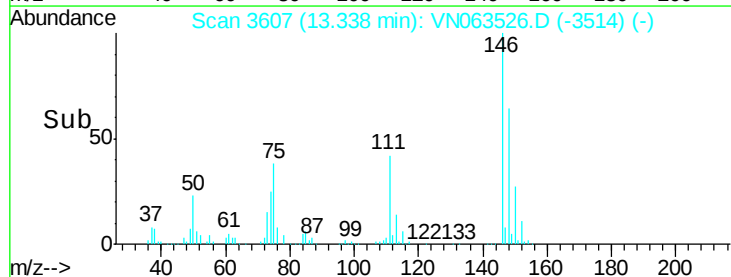
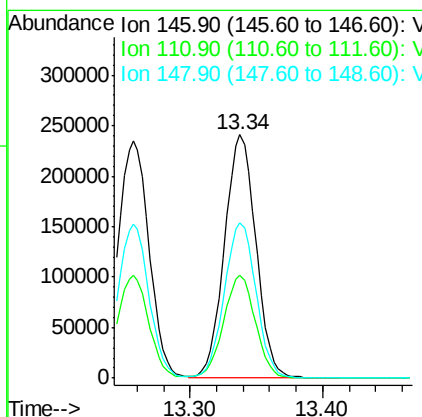
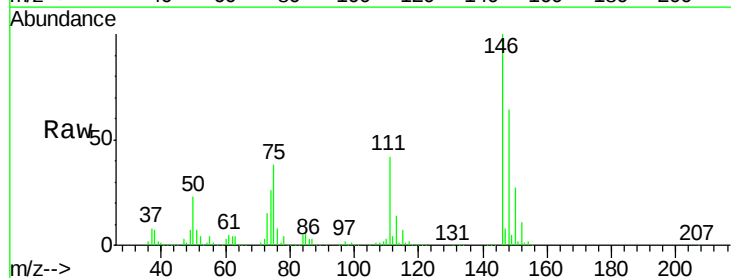
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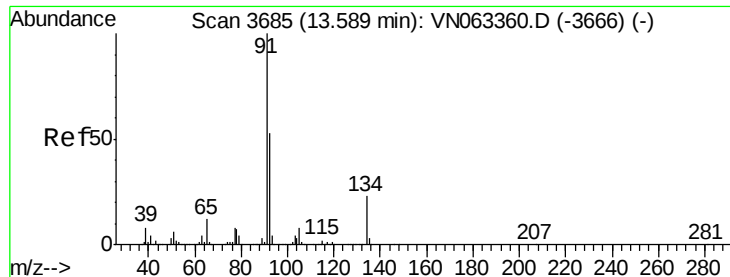
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#88  
 1,4-Dichlorobenzene  
 Concen: 50.235 ug/l  
 RT: 13.34 min Scan# 3607  
 Delta R.T. -0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.5  | 21.2  | 63.6  |
| 148     | 64.6  | 31.9  | 95.9  |





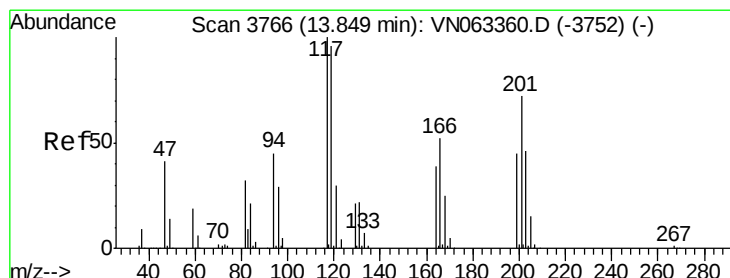
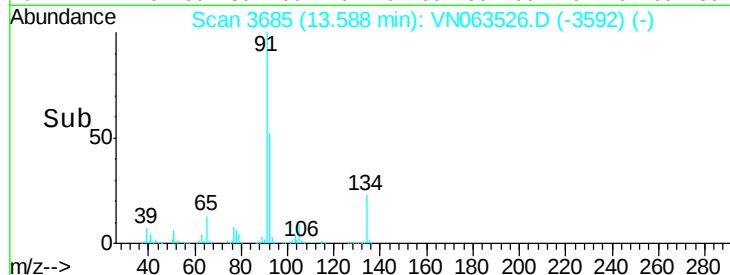
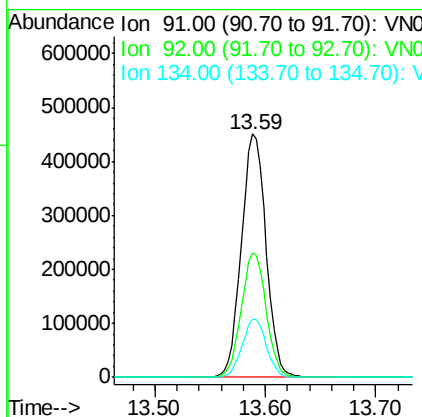
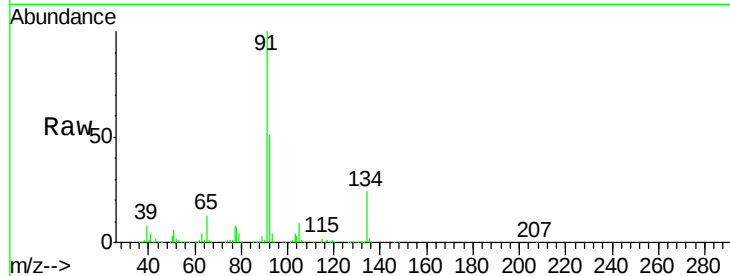
#89  
n-Butylbenzene  
Concen: 50.224 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.5  | 26.0  | 78.0  |
| 134     | 23.5  | 11.7  | 35.0  |

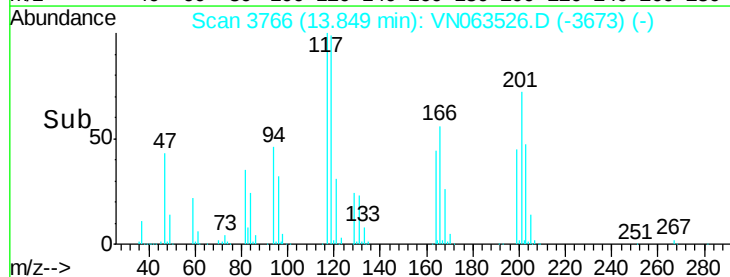
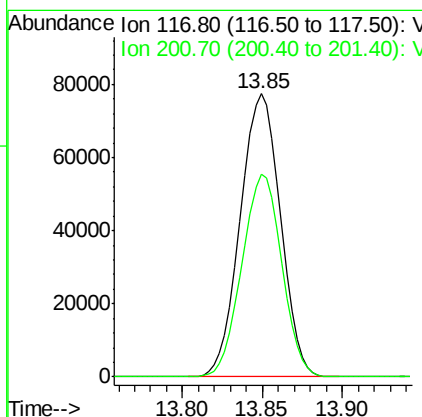
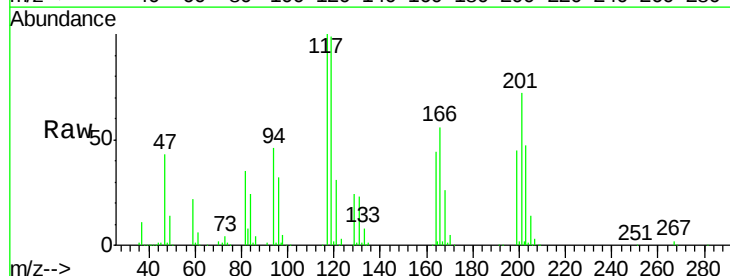
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#90  
Hexachloroethane  
Concen: 46.235 ug/l  
RT: 13.85 min Scan# 3766  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 71.0  | 35.5  | 106.7 |





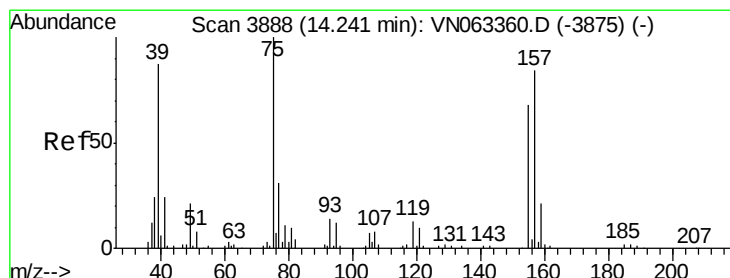
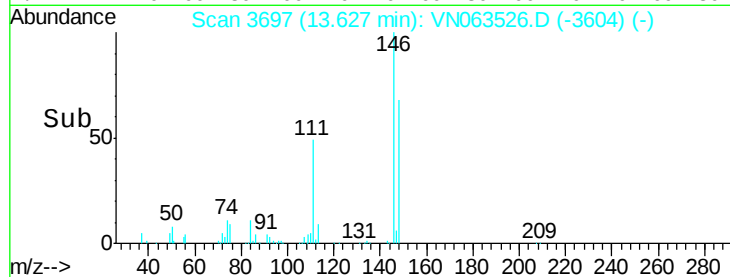
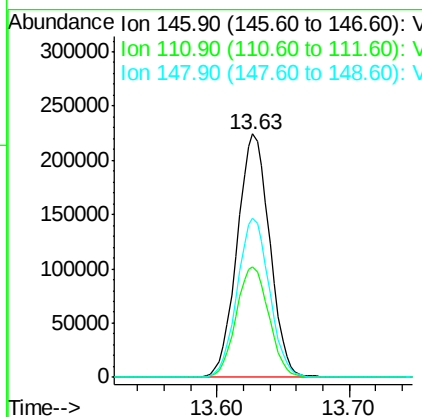
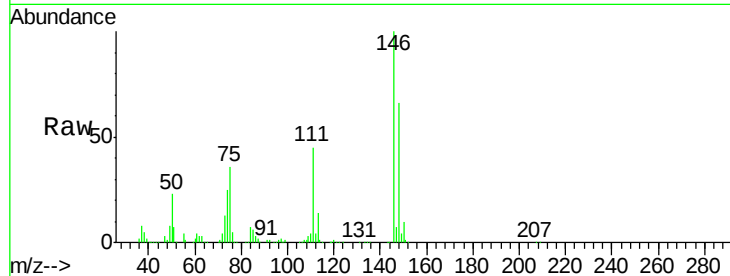
#91  
 1,2-Dichlorobenzene  
 Concen: 50.404 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. -0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 383119 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 45.6  | 22.4  | 67.2   |
| 148       | 64.6  | 32.0  | 96.0   |

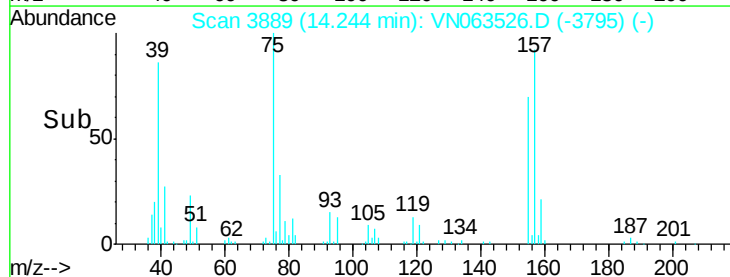
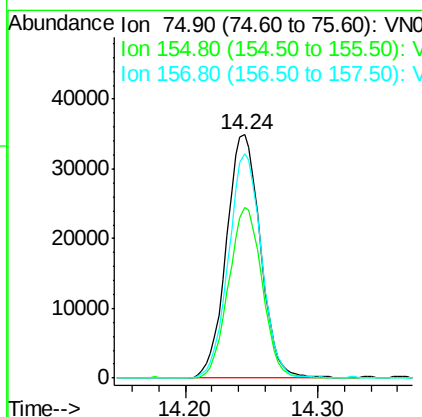
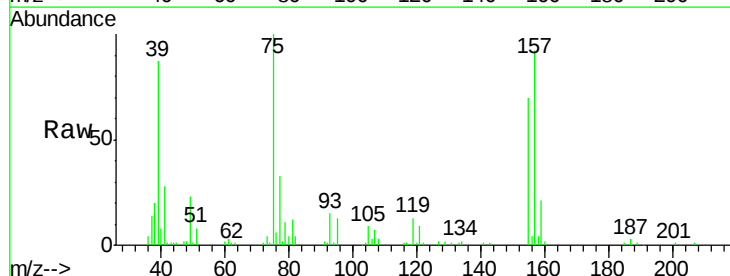
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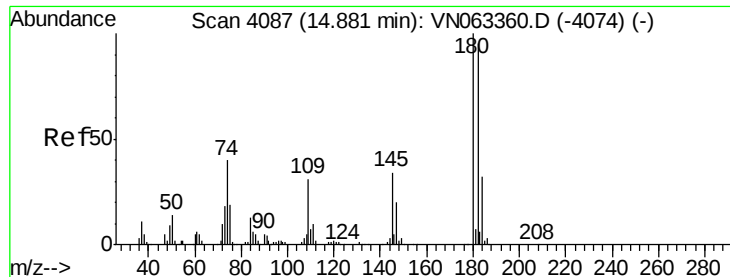
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.553 ug/l  
 RT: 14.24 min Scan# 3889  
 Delta R.T. 0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 62368 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 68.6  | 34.6  | 103.9 |
| 157       | 88.6  | 43.7  | 131.1 |





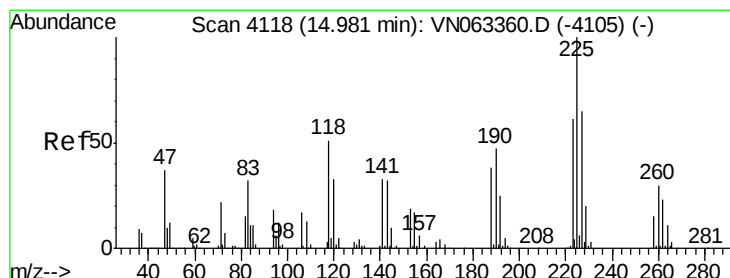
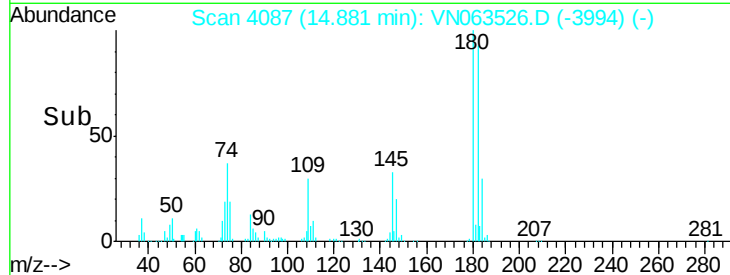
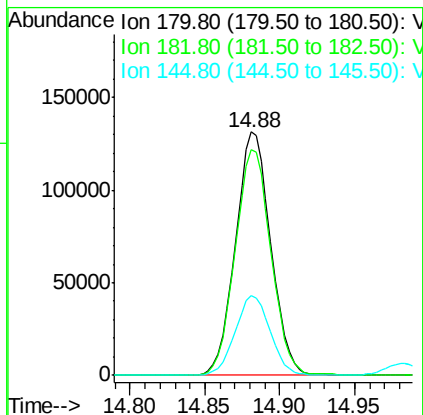
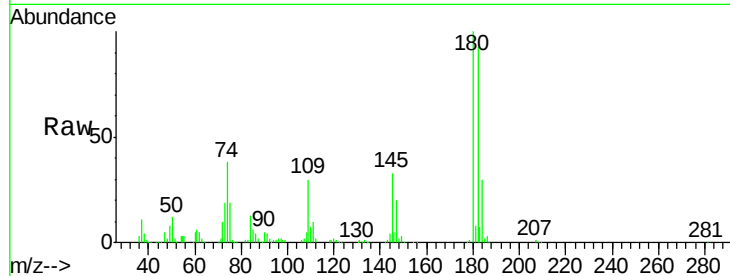
#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.119 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. -0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 180   | Resp: | 215625 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.4  | 47.3  | 142.0  |
| 145       | 32.7  | 16.6  | 49.7   |

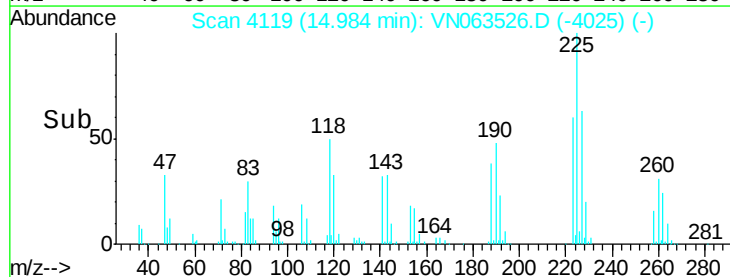
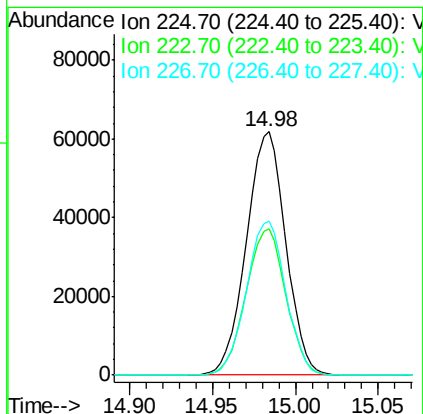
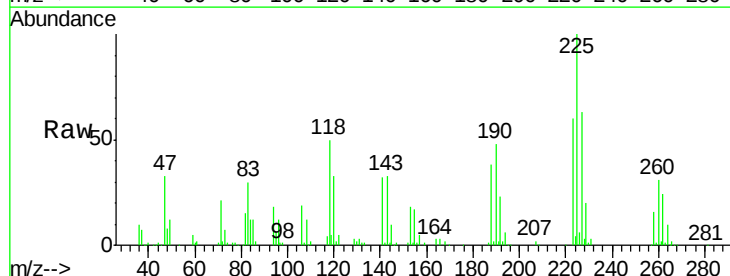
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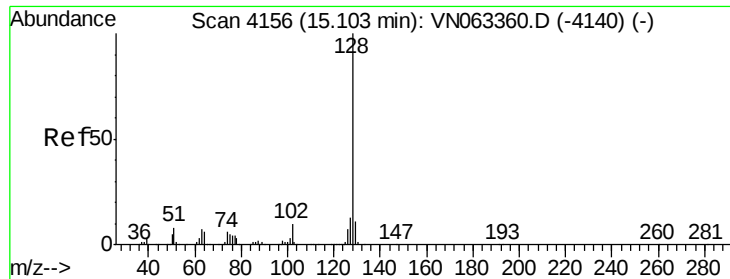
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#94  
 Hexachlorobutadiene  
 Concen: 55.099 ug/l  
 RT: 14.98 min Scan# 4119  
 Delta R.T. 0.00 min  
 Lab File: VN063526.D  
 Acq: 22 Sep 2020 12:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 102215 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 60.7  | 30.6  | 91.6   |
| 227       | 62.8  | 31.2  | 93.6   |





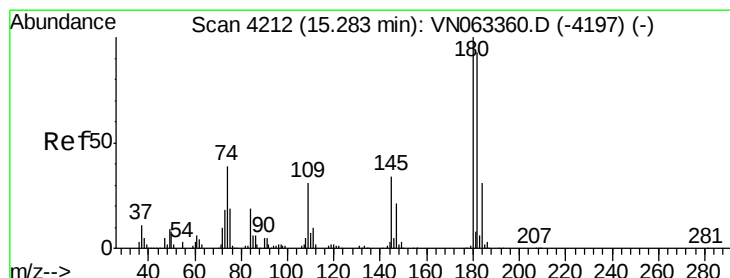
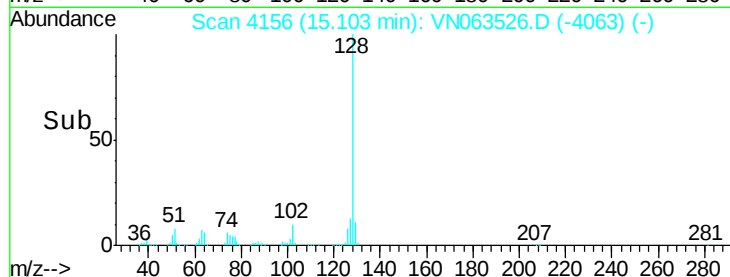
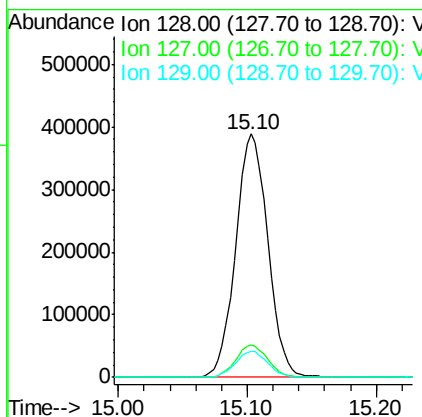
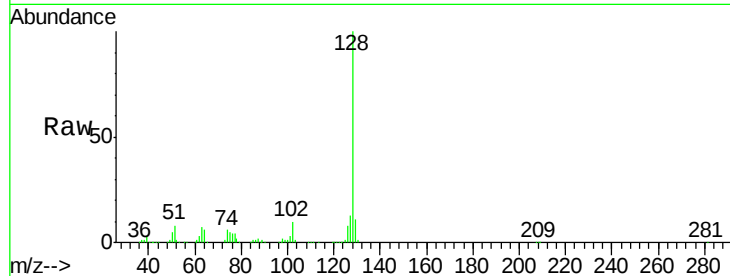
#95  
Naphthalene  
Concen: 45.540 ug/l  
RT: 15.10 min Scan# 4156  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 674201 |       |       |
| 127     | 13.3  | 10.6   | 15.8  |       |
| 129     | 10.8  | 8.8    | 13.2  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 46.301 ug/l  
RT: 15.28 min Scan# 4212  
Delta R.T. -0.00 min  
Lab File: VN063526.D  
Acq: 22 Sep 2020 12:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 200467 |       |       |
| 182     | 96.8  | 46.7   | 140.1 |       |
| 145     | 34.9  | 16.8   | 50.3  |       |

