

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\  
 Data File : VN064824.D  
 Acq On : 24 Nov 2020 21:05  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 11/25/2020 9:52:11 AM

Quant Time: Nov 25 05:39:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112320W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 23 13:54:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 191188   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 303285   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 276070   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 135984   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|-------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.99           | 65   | 111308     | 50.08   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 100.16% |       |          |
| 35) Dibromofluoromethane    | 7.55           | 113  | 96704      | 53.29   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 106.58% |       |          |
| 50) Toluene-d8              | 10.06          | 98   | 376743     | 50.81   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 101.62% |       |          |
| 62) 4-Bromofluorobenzene    | 12.37          | 95   | 135739     | 51.15   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 102.30% |       |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 75592    | 45.620  | ug/l  | 99     |
| 3) Chloromethane              | 2.04 | 50   | 97373    | 45.221  | ug/l  | 99     |
| 4) Vinyl Chloride             | 2.17 | 62   | 105855   | 47.153  | ug/l  | 95     |
| 5) Bromomethane               | 2.52 | 94   | 59312    | 40.270  | ug/l  | 99     |
| 6) Chloroethane               | 2.67 | 64   | 67955    | 48.942  | ug/l  | 95     |
| 7) Trichlorofluoromethane     | 2.99 | 101  | 148389   | 47.818  | ug/l  | 95     |
| 8) Diethyl Ether              | 3.37 | 74   | 59512    | 48.585  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101  | 88825    | 47.716  | ug/l  | 99     |
| 10) Methyl Iodide             | 3.91 | 142  | 78615    | 32.558  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 4.75 | 59   | 78758    | 227.208 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 3.69 | 96   | 89437    | 48.241  | ug/l  | 99     |
| 13) Acrolein                  | 3.57 | 56   | 37464    | 176.943 | ug/l  | 95     |
| 14) Allyl chloride            | 4.27 | 41   | 148870   | 48.685  | ug/l  | 98     |
| 15) Acrylonitrile             | 4.93 | 53   | 237980   | 248.521 | ug/l  | 99     |
| 16) Acetone                   | 3.78 | 43   | 187737   | 256.942 | ug/l  | 99     |
| 17) Carbon Disulfide          | 4.01 | 76   | 227299   | 47.484  | ug/l  | 99     |
| 18) Methyl Acetate            | 4.28 | 43   | 107387   | 48.884  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.00 | 73   | 301387   | 50.687  | ug/l  | 100    |
| 20) Methylene Chloride        | 4.50 | 84   | 104991   | 45.856  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96   | 98918    | 48.046  | ug/l  | 98     |
| 22) Diisopropyl ether         | 5.90 | 45   | 320149   | 52.308  | ug/l  | 98     |
| 23) Vinyl Acetate             | 5.84 | 43   | 1283907  | 262.324 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 5.80 | 63   | 182168   | 49.803  | ug/l  | 100    |
| 25) 2-Butanone                | 6.79 | 43   | 301209   | 254.306 | ug/l  | 96     |
| 26) 2,2-Dichloropropane       | 6.78 | 77   | 144006   | 45.393  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96   | 114153   | 49.274  | ug/l  | 99     |
| 28) Bromochloromethane        | 7.15 | 49   | 82008    | 49.009  | ug/l  | 98     |
| 29) Tetrahydrofuran           | 7.17 | 42   | 201482   | 246.429 | ug/l  | 99     |
| 30) Chloroform                | 7.33 | 83   | 184598   | 48.938  | ug/l  | 100    |
| 31) Cyclohexane               | 7.61 | 56   | 146633   | 47.333  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97   | 160696   | 49.602  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75   | 138986   | 49.441  | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.88 | 43   | 127913   | 47.237  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 7.73 | 117  | 143953   | 49.215  | ug/l  | 97     |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 11/25/2020 9:52:11 AM

Quant Time: Nov 25 05:39:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112320W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 23 13:54:12 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 152321   | 50.334  | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 419427   | 48.689  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.13  | 41   | 58403    | 46.742  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 137934   | 47.465  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.13  | 43   | 208007   | 47.737  | ug/l   | 98       |
| 44) Trichloroethene            | 8.80  | 130  | 117924   | 46.396  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 114320   | 51.245  | ug/l   | 97       |
| 46) Dibromomethane             | 9.17  | 93   | 74161    | 49.761  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.37  | 83   | 149298   | 49.787  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.17  | 41   | 103100   | 49.518  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 36075    | 916.728 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 652551   | 249.455 | ug/l   | 100      |
| 52) Toluene                    | 10.12 | 92   | 265096   | 49.970  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 164735   | 49.322  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 177330   | 49.533  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 108036   | 49.524  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 154715   | 51.394  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 177150   | 49.228  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 427768   | 258.326 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 472306   | 250.876 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.87 | 129  | 122337   | 50.450  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.97 | 107  | 108884   | 49.128  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 116078   | 43.218  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.40 | 112  | 290781   | 49.048  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 108602   | 49.846  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.48 | 91   | 503602   | 50.848  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.59 | 106  | 389140   | 103.778 | ug/l   | 99       |
| 69) o-Xylene                   | 11.92 | 106  | 185030   | 51.999  | ug/l   | 100      |
| 70) Styrene                    | 11.94 | 104  | 318853   | 53.080  | ug/l   | 100      |
| 71) Bromoform                  | 12.10 | 173  | 83782    | 48.146  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.22 | 105  | 497393   | 52.586  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.04 | 43   | 189194   | 50.827  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 142011   | 51.224  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.52 | 75   | 148989m  | 50.875  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 126094   | 49.448  | ug/l   | 100      |
| 78) n-propylbenzene            | 12.56 | 91   | 559167   | 51.893  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 332481   | 49.917  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.70 | 105  | 425166   | 54.079  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 48917    | 45.781  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 346050   | 49.566  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.96 | 119  | 363555   | 55.169  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 428424   | 53.897  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.14 | 105  | 470830   | 53.812  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 433566   | 54.428  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.25 | 146  | 222862   | 49.191  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.33 | 146  | 222473   | 46.433  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 359795   | 51.432  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.85 | 117  | 74292    | 53.686  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.62 | 146  | 219311   | 49.300  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 29747    | 47.687  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\  
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Acq On : 24 Nov 2020 21:05  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

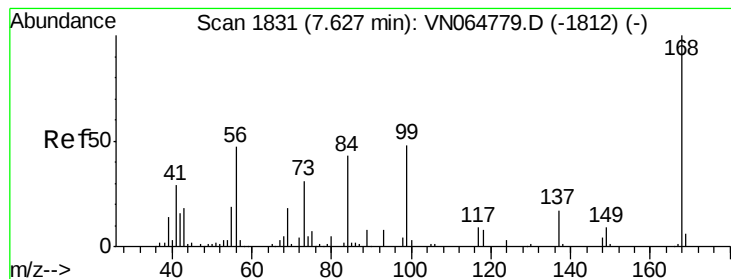
MMDadoda  
11/25/2020 9:52:11 AM

Quant Time: Nov 25 05:39:32 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112320W.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 23 13:54:12 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 129437   | 47.036 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 61371    | 49.528 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 398835   | 48.377 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 125426   | 48.018 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 191188

Ion Ratio Lower Upper

168 100

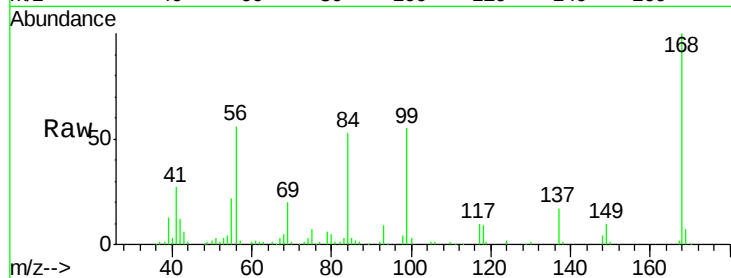
99 54.6 43.0 64.4

Manual Integrations

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11/25/2020 9:52:11 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

80000

60000

40000

20000

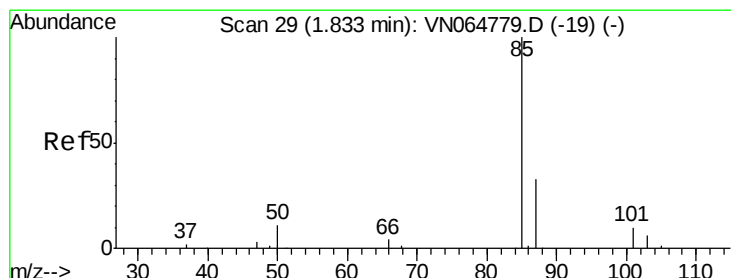
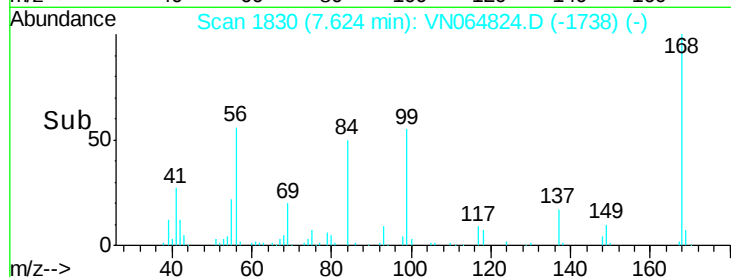
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.620 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064824.D

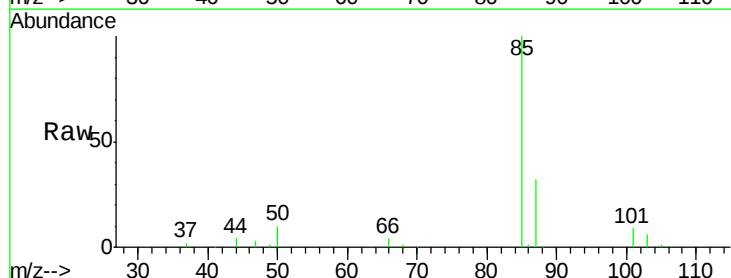
Acq: 24 Nov 2020 21:05

Tgt Ion: 85 Resp: 75592

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

60000

50000

40000

30000

20000

10000

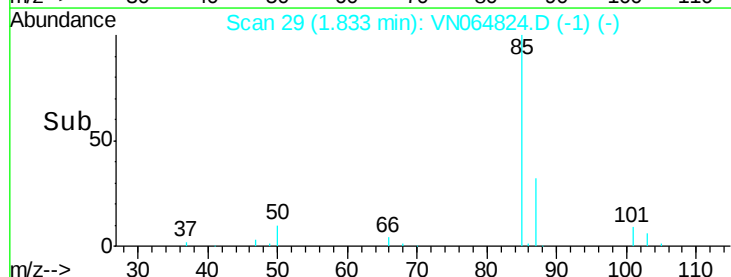
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1.80

1.85

1.90

Time-->





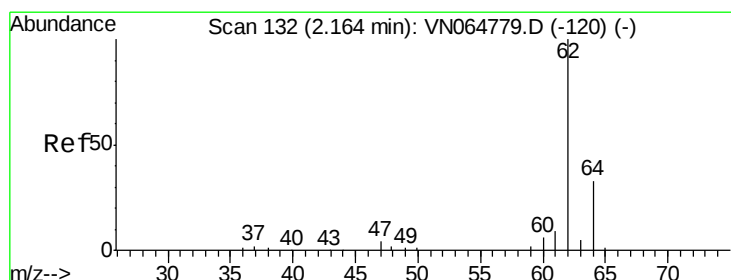
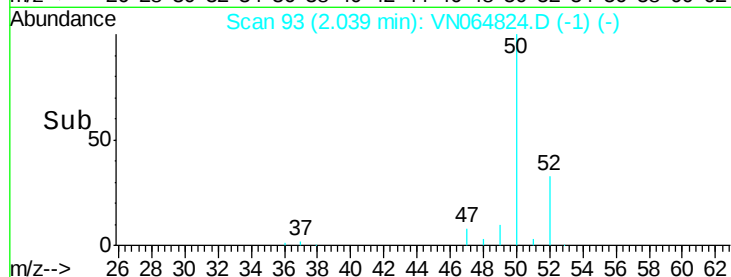
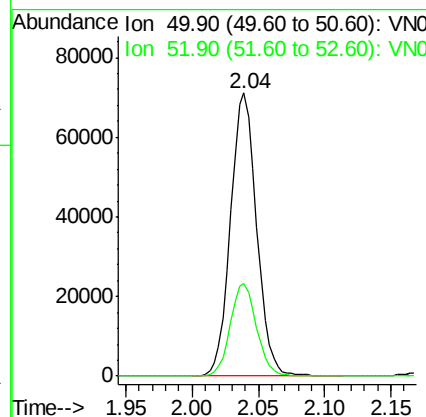
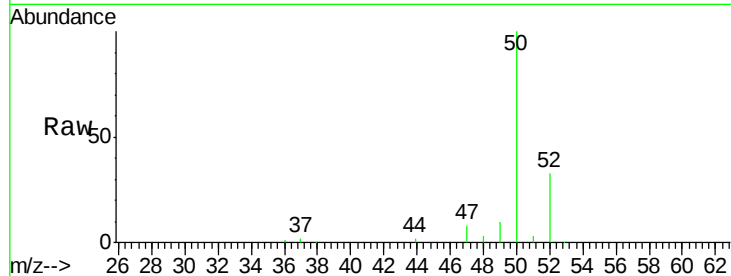
#3  
Chloromethane  
Concen: 45.221 ug/l  
RT: 2.04 min Scan# 93  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 50 Resp: 97373  
Ion Ratio Lower Upper  
50 100  
52 32.7 26.6 39.8

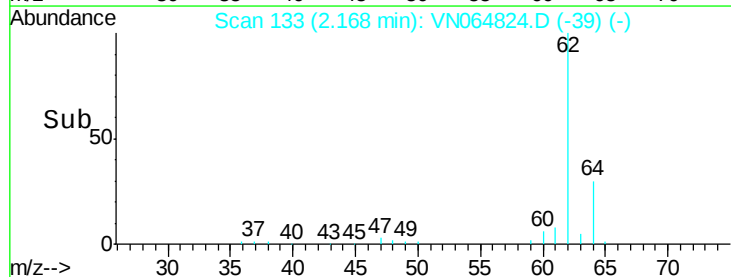
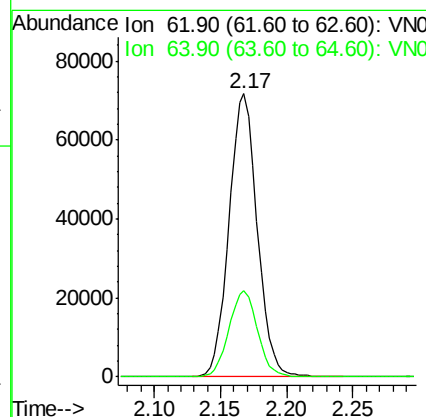
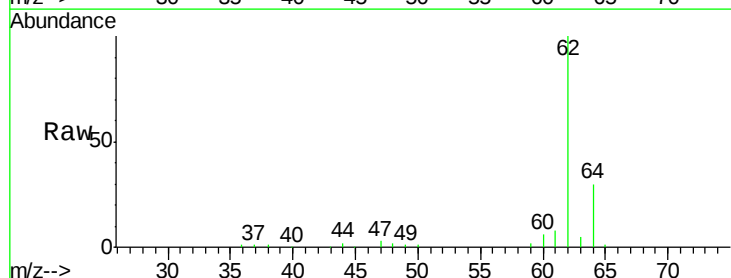
Manual Integrations  
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11/25/2020 9:52:11 AM



#4  
Vinyl Chloride  
Concen: 47.153 ug/l  
RT: 2.17 min Scan# 133  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Tgt Ion: 62 Resp: 105855  
Ion Ratio Lower Upper  
62 100  
64 30.3 26.5 39.7





#5

Bromomethane

Concen: 40.270 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 59312

Ion Ratio Lower Upper

94 100

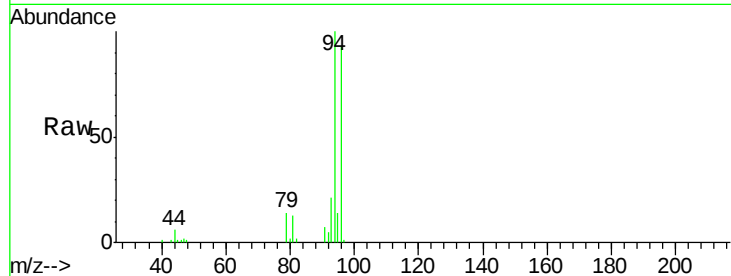
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Manual Integrations

APPROVED

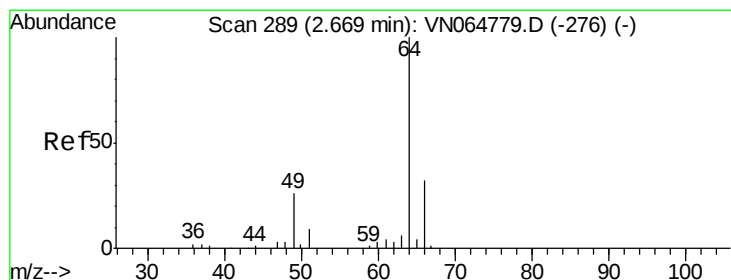
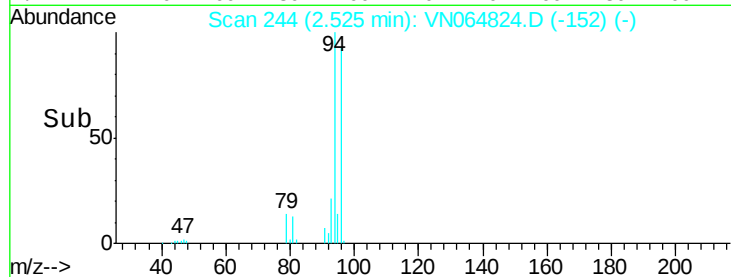
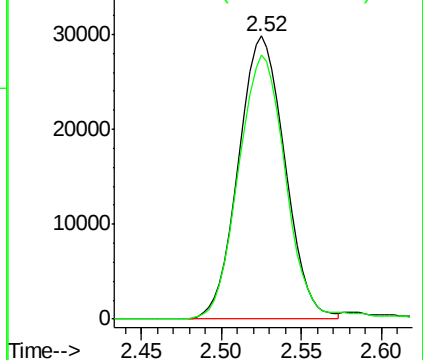
MMDadoda

11/25/2020 9:52:11 AM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.942 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064824.D

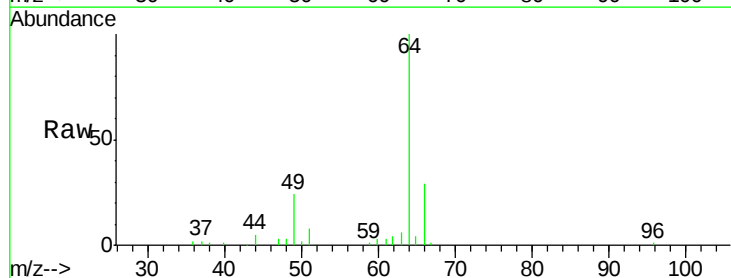
Acq: 24 Nov 2020 21:05

Tgt Ion: 64 Resp: 67955

Ion Ratio Lower Upper

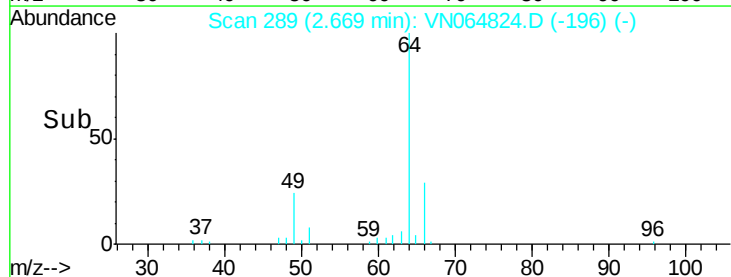
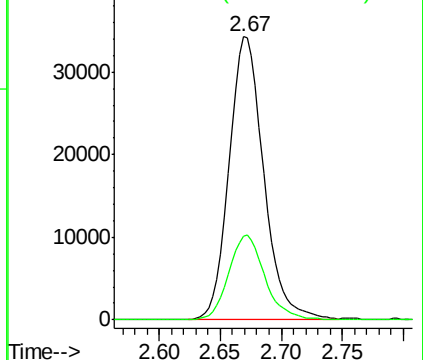
64 100

66 29.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

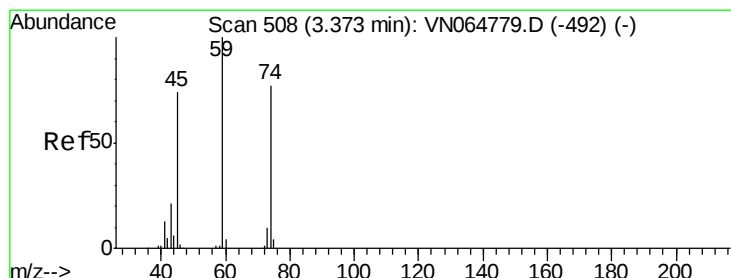
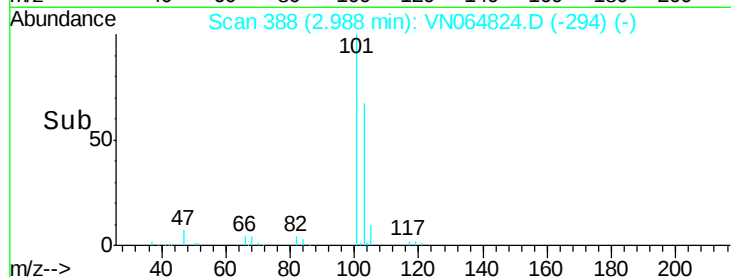
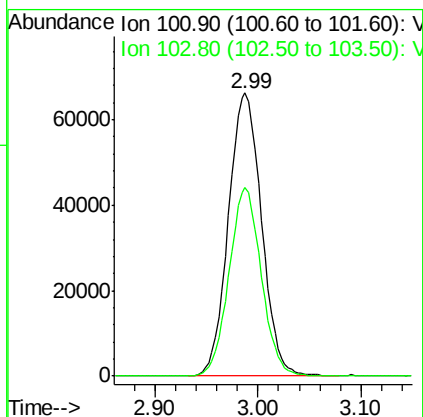
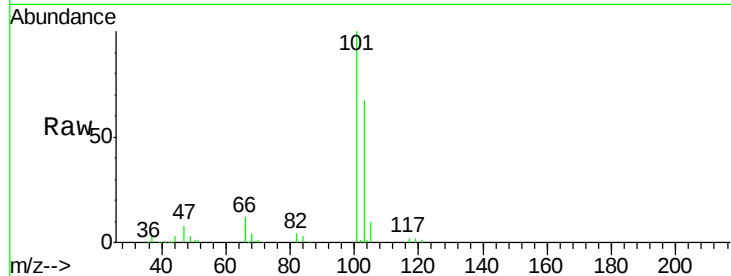
Trichlorofluoromethane  
Concen: 47.818 ug/l  
RT: 2.99 min Scan# 388  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.7  | 50.5  | 75.7  |

Manual Integrations  
APPROVED

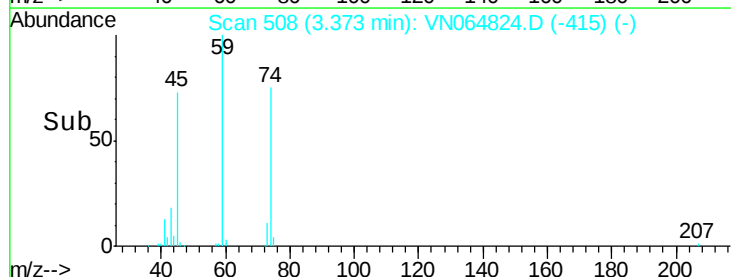
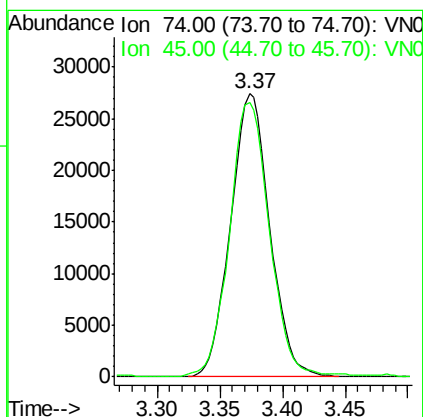
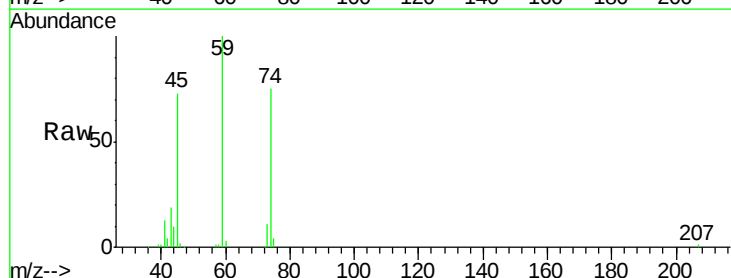
MMDadoda  
11/25/2020 9:52:11 AM

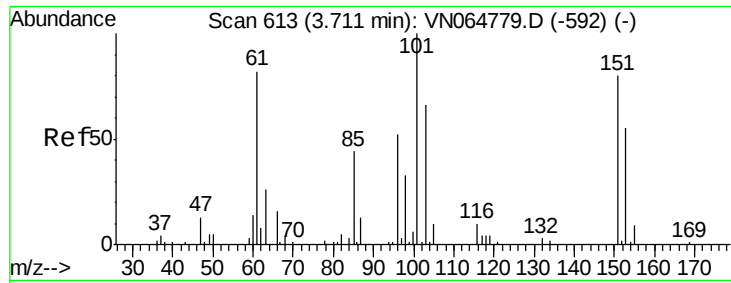


#8

Diethyl Ether  
Concen: 48.585 ug/l  
RT: 3.37 min Scan# 508  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 98.7  | 48.9  | 146.8 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.716 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA\_N

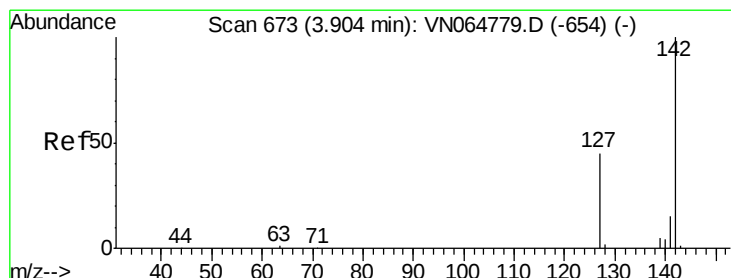
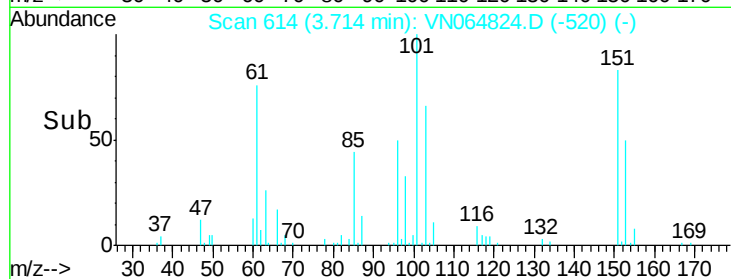
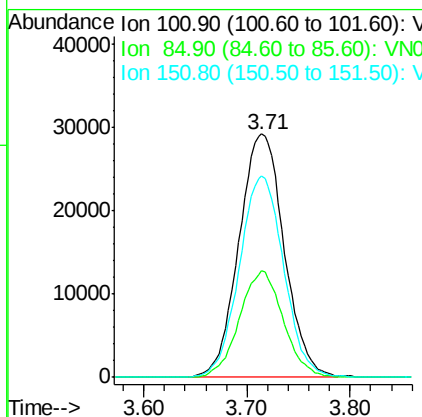
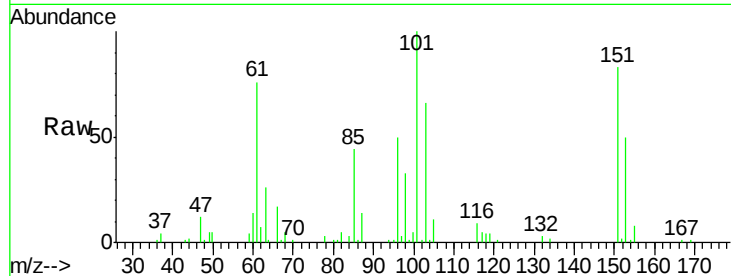
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 88825 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.4  | 34.4  | 51.6  |
| 151       | 81.3  | 64.0  | 96.0  |

Manual Integrations  
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#10

Methyl Iodide

Concen: 32.558 ug/l

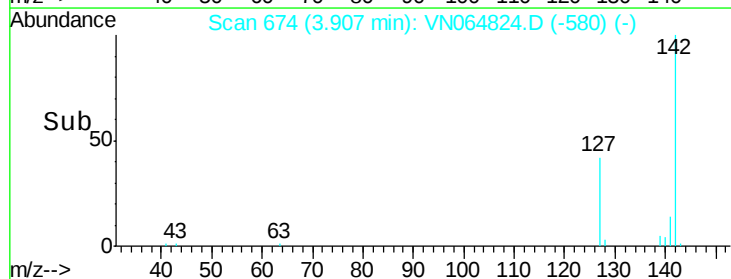
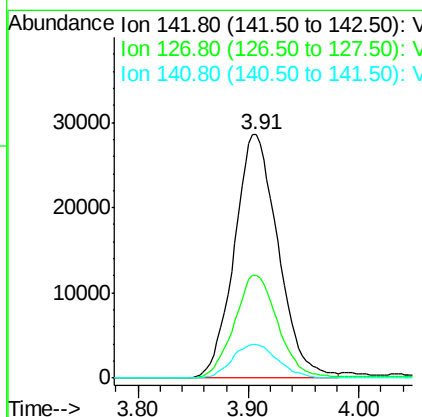
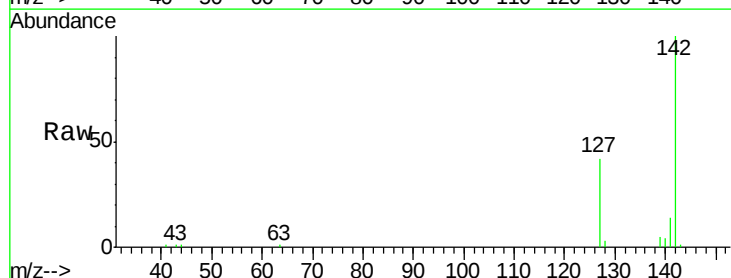
RT: 3.91 min Scan# 674

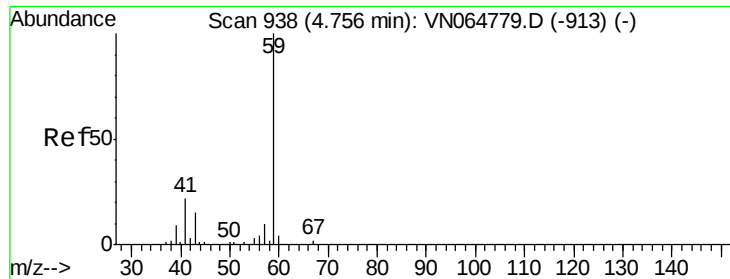
Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 78615 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 42.0  | 35.0  | 52.6  |
| 141       | 14.3  | 11.8  | 17.6  |





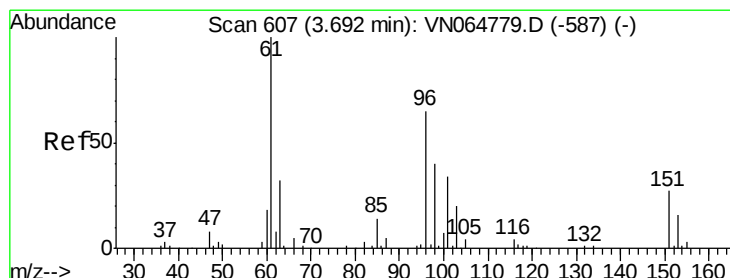
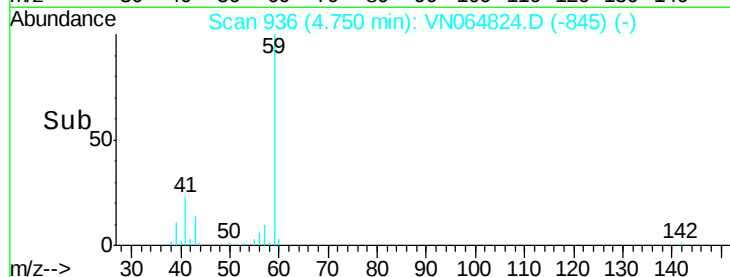
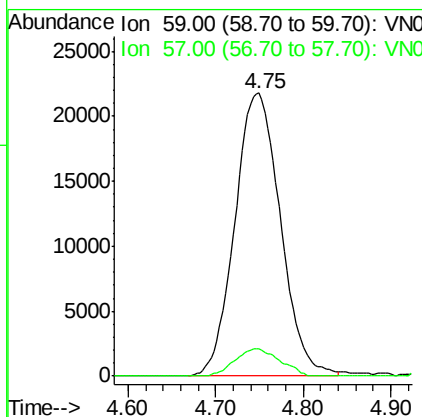
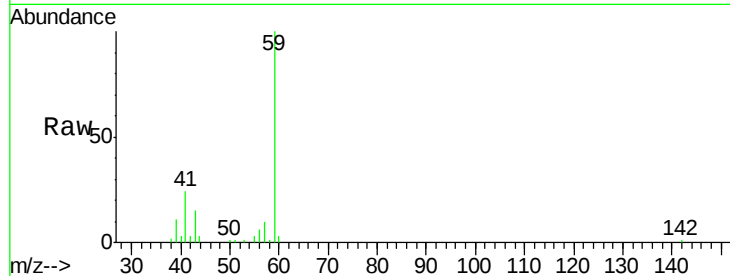
#11  
Tert butyl alcohol  
Concen: 227.208 ug/l  
RT: 4.75 min Scan# 936  
Delta R.T. -0.01 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.6   | 7.9   | 11.9  |

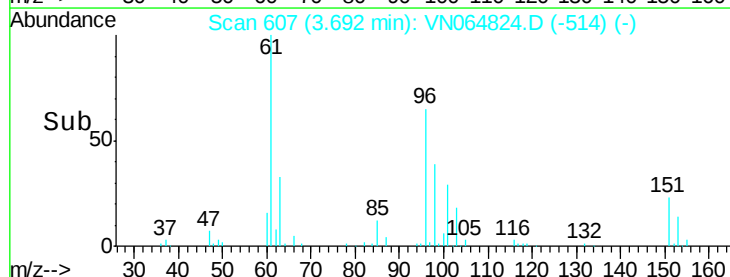
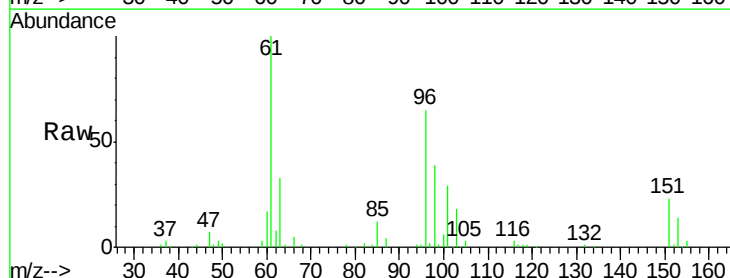
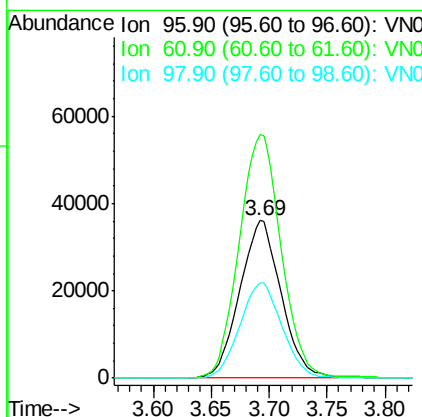
Manual Integrations  
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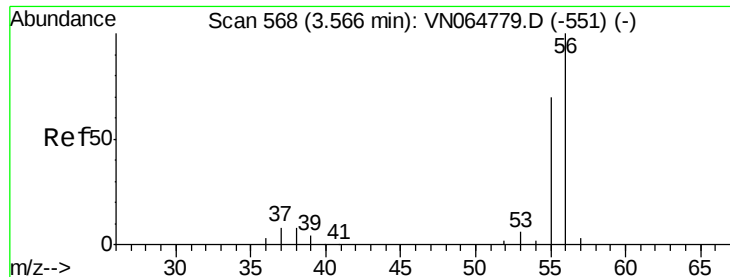
MMDadoda  
11/25/2020 9:52:11 AM



#12  
1,1-Dichloroethene  
Concen: 48.241 ug/l  
RT: 3.69 min Scan# 607  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 154.4 | 123.4 | 185.2 |
| 98      | 60.4  | 49.8  | 74.8  |





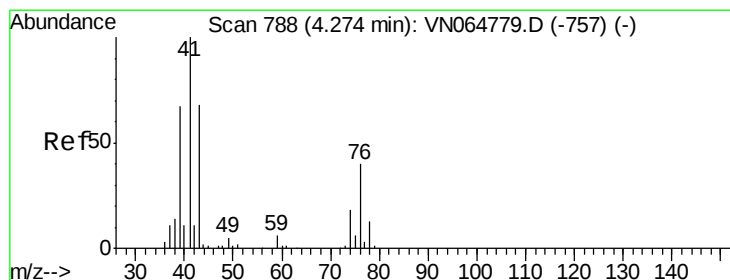
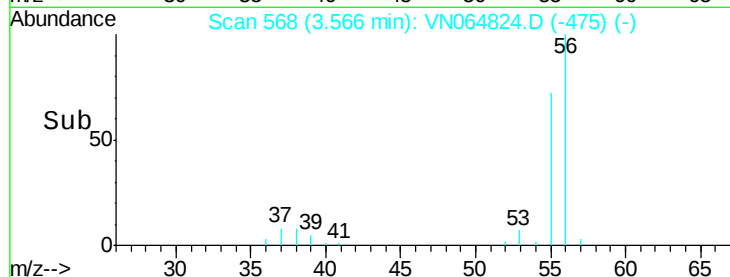
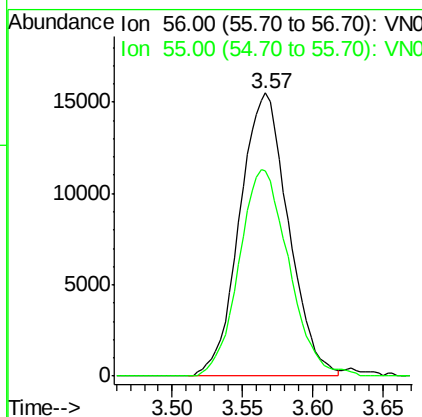
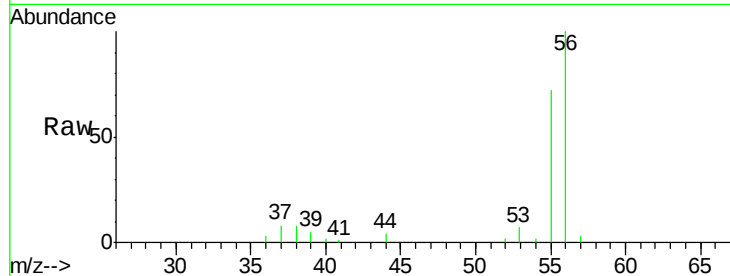
#13  
Acrolein  
Concen: 176.943 ug/l  
RT: 3.57 min Scan# 568  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 56 Resp: 37464  
Ion Ratio Lower Upper  
56 100  
55 74.5 56.5 84.7

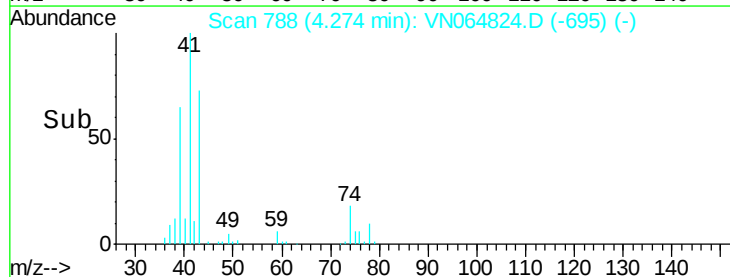
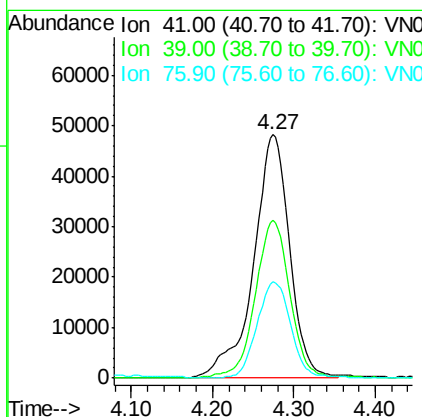
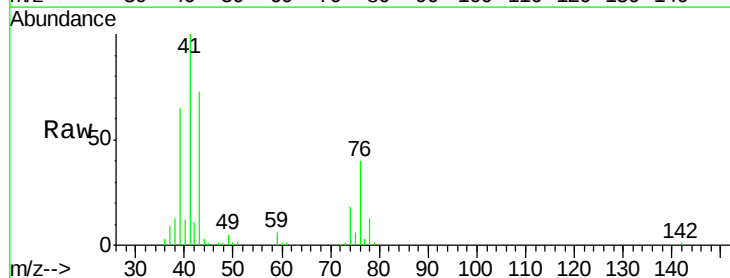
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11/25/2020 9:52:11 AM



#14  
Allyl chloride  
Concen: 48.685 ug/l  
RT: 4.27 min Scan# 788  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Tgt Ion: 41 Resp: 148870  
Ion Ratio Lower Upper  
41 100  
39 61.6 50.9 76.3  
76 36.7 29.0 43.4





#15

Acrylonitrile

Concen: 248.521 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA\_N

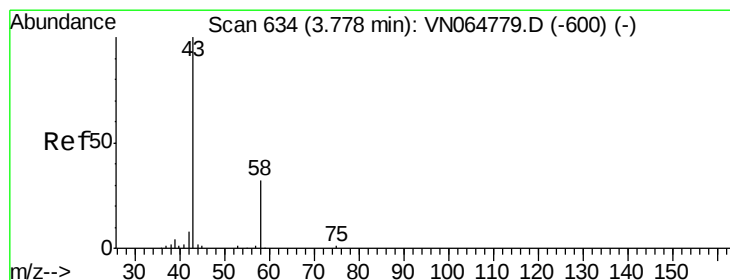
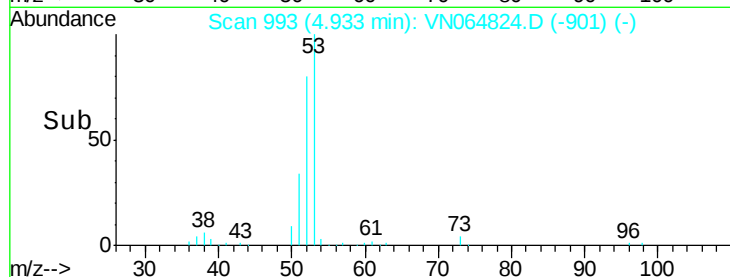
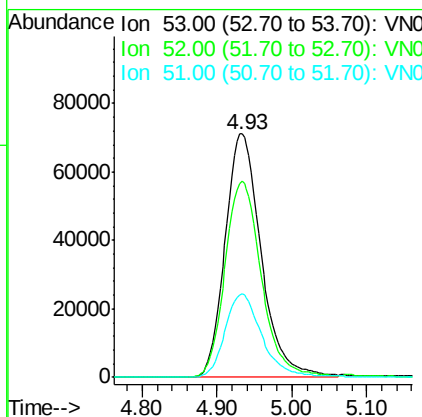
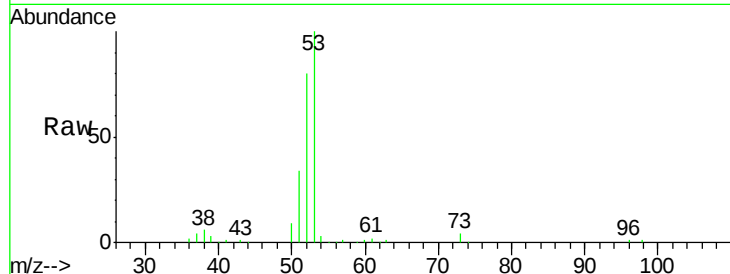
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 237980 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 81.4  | 65.5  | 98.3   |
| 51       | 35.0  | 28.6  | 43.0   |

Manual Integrations  
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11/25/2020 9:52:11 AM



#16

Acetone

Concen: 256.942 ug/l

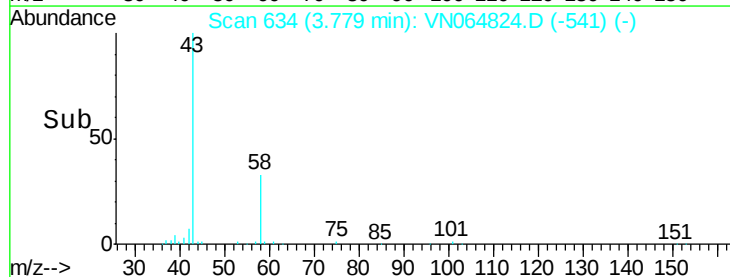
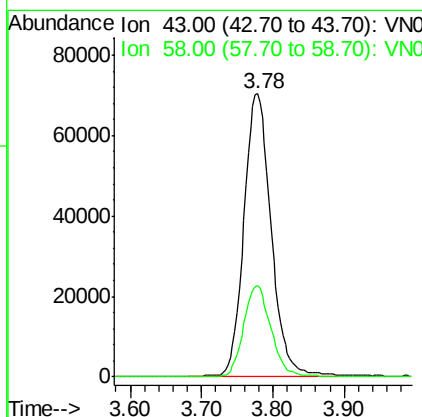
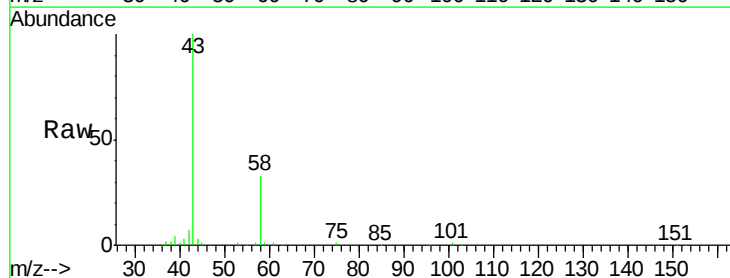
RT: 3.78 min Scan# 634

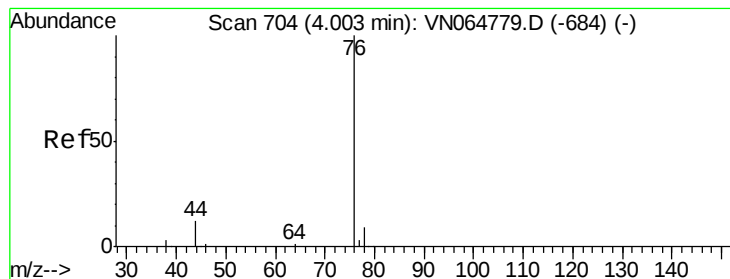
Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 187737 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 32.5  | 25.7  | 38.5   |





#17

Carbon Disulfide

Concen: 47.484 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 227299

Ion Ratio Lower Upper

76 100

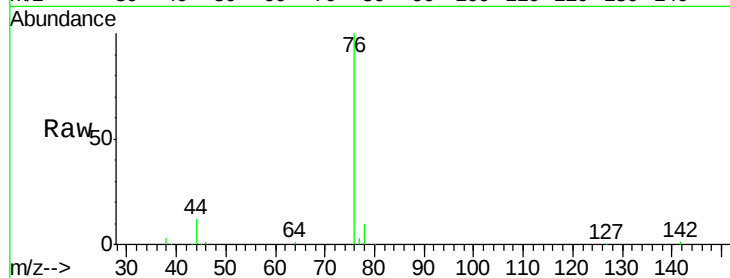
78 9.5 7.4 11.0

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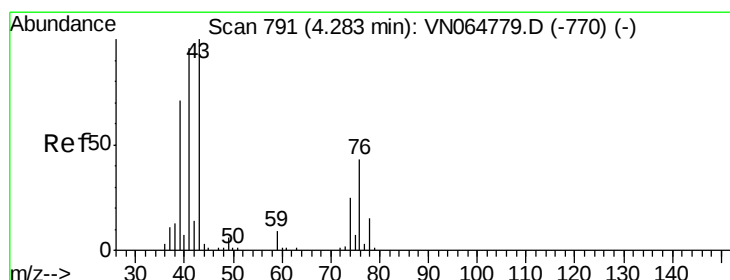
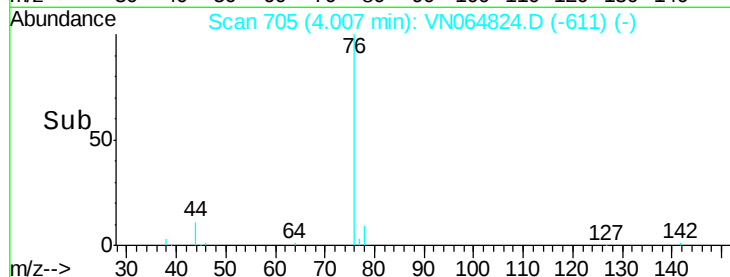
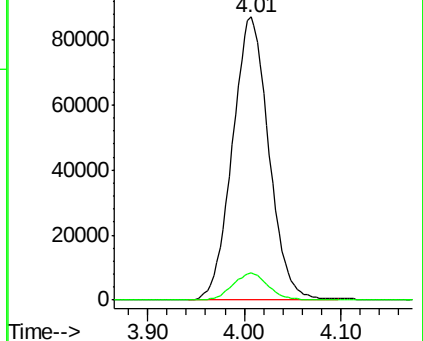
MMDadoda

11/25/2020 9:52:11 AM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 48.884 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.01 min

Lab File: VN064824.D

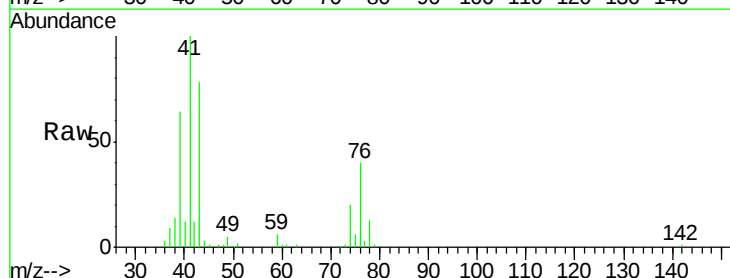
Acq: 24 Nov 2020 21:05

Tgt Ion: 43 Resp: 107387

Ion Ratio Lower Upper

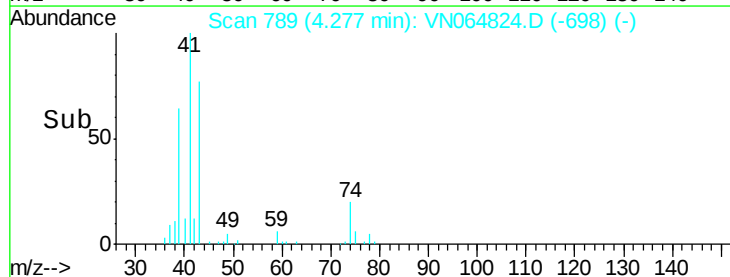
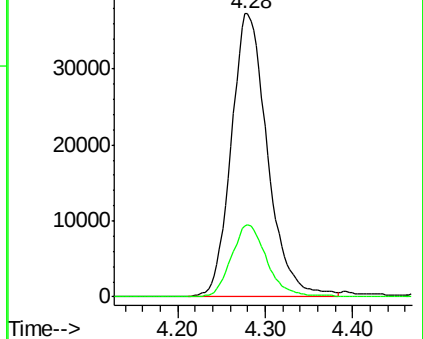
43 100

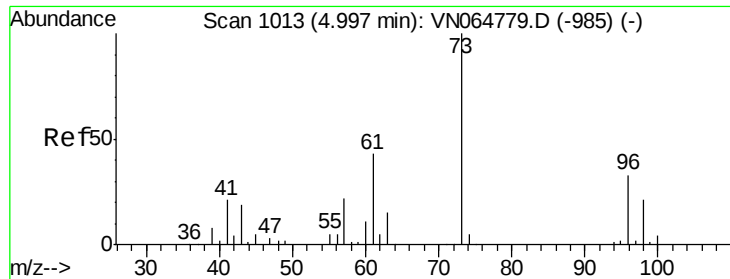
74 24.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





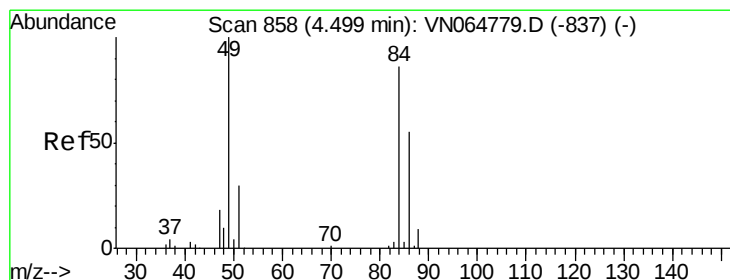
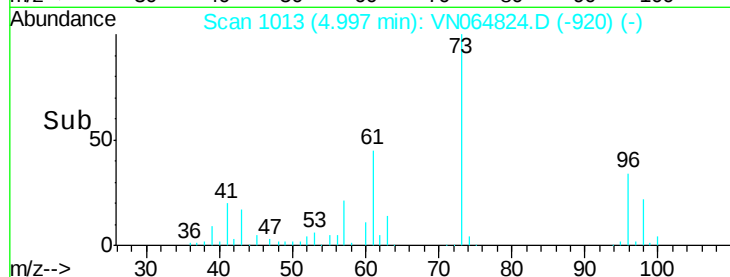
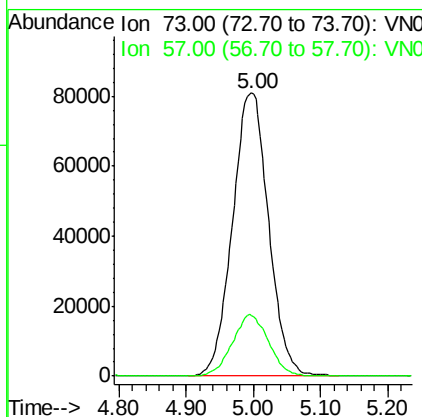
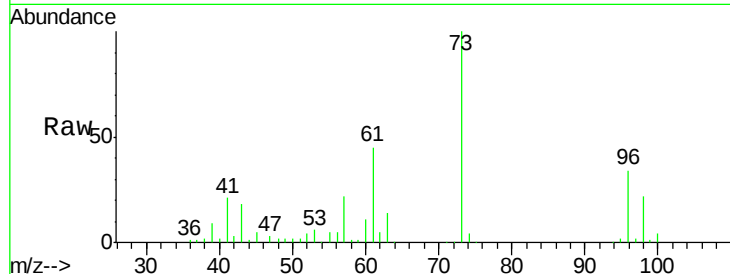
#19  
Methvl tert-butvl Ether  
Concen: 50.687 ug/l  
RT: 5.00 min Scan# 1013  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 301387  
Ion Ratio Lower Upper  
73 100  
57 21.6 17.4 26.0

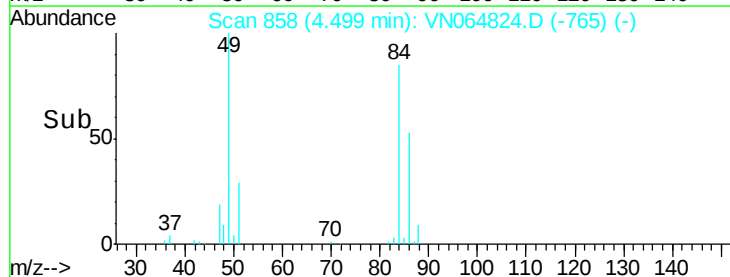
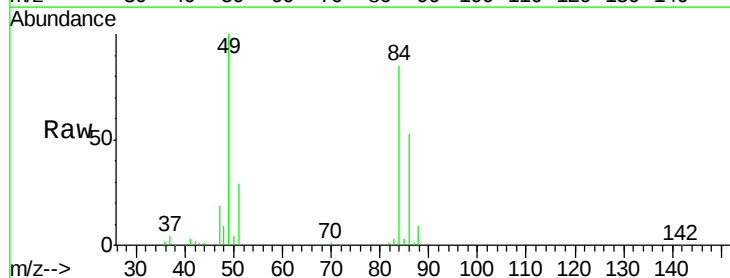
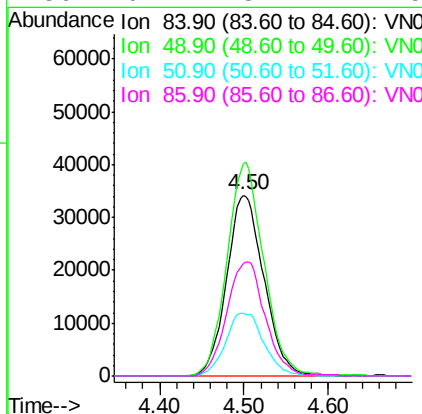
Manual Integrations  
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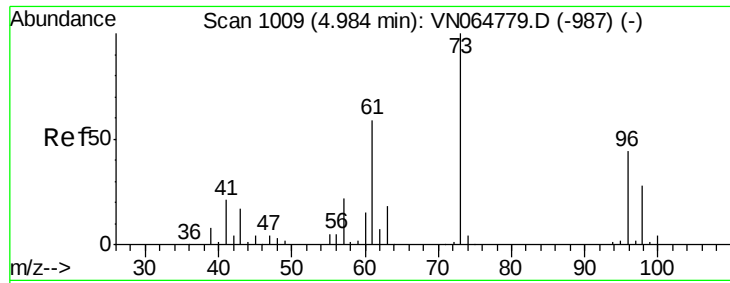
MMDadoda  
11/25/2020 9:52:11 AM



#20  
Methylene Chloride  
Concen: 45.856 ug/l  
RT: 4.50 min Scan# 858  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Tgt Ion: 84 Resp: 104991  
Ion Ratio Lower Upper  
84 100  
49 117.4 93.4 140.0  
51 34.4 28.2 42.4  
86 62.1 51.7 77.5





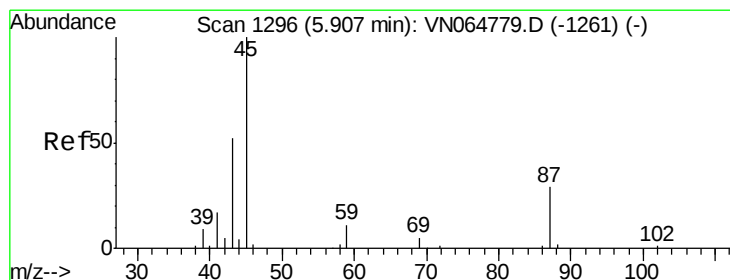
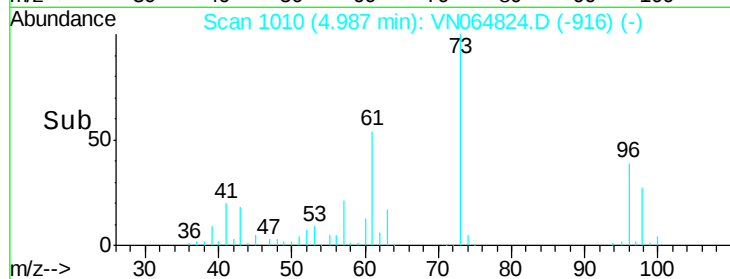
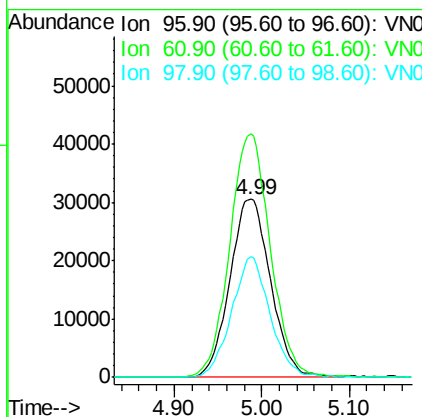
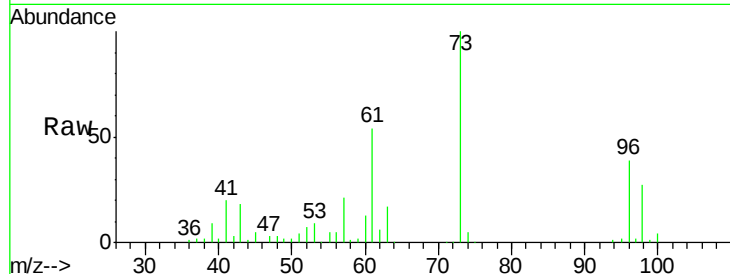
#21  
trans-1,2-Dichloroethene  
Concen: 48.046 ug/l  
RT: 4.99 min Scan# 1010  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 136.0 | 108.4 | 162.6 |
| 98      | 68.0  | 51.3  | 76.9  |

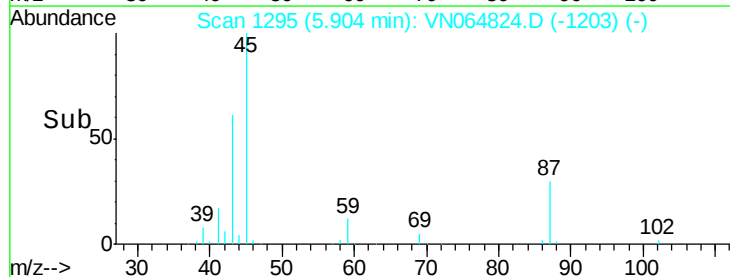
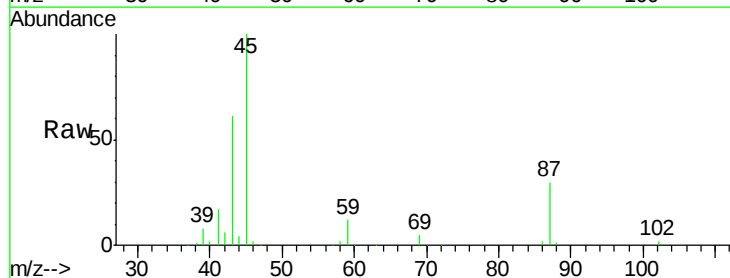
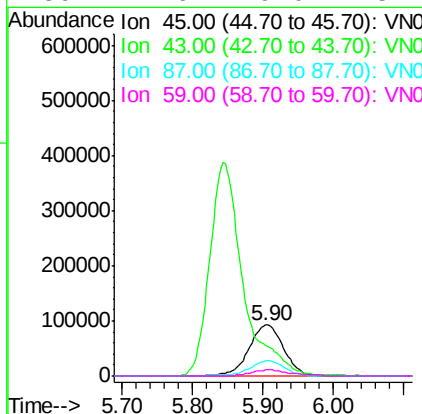
Manual Integrations  
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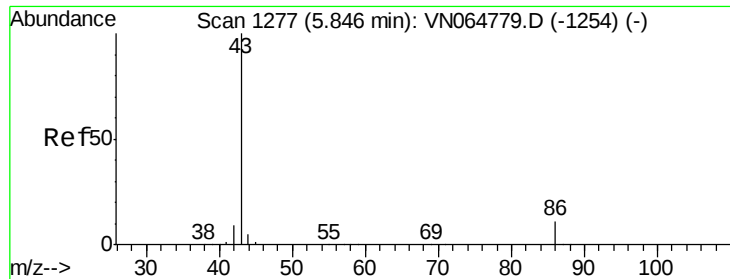
MMDadoda  
11/25/2020 9:52:11 AM



#22  
Diisopropyl ether  
Concen: 52.308 ug/l  
RT: 5.90 min Scan# 1295  
Delta R.T. -0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 59.4  | 46.2  | 69.2  |
| 87      | 29.5  | 24.1  | 36.1  |
| 59      | 11.6  | 9.0   | 13.4  |





#23

Vinyl Acetate

Concen: 262.324 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1283907

Ion Ratio Lower Upper

43 100

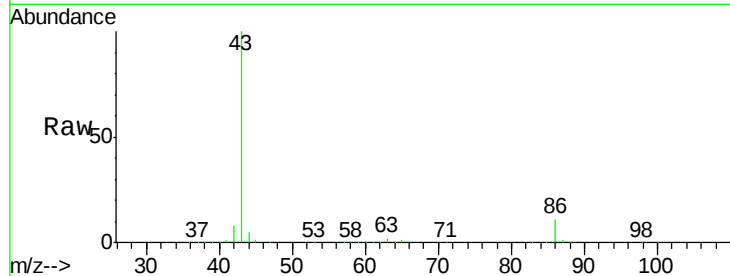
86 10.8 8.9 13.3

Manual Integrations

APPROVED

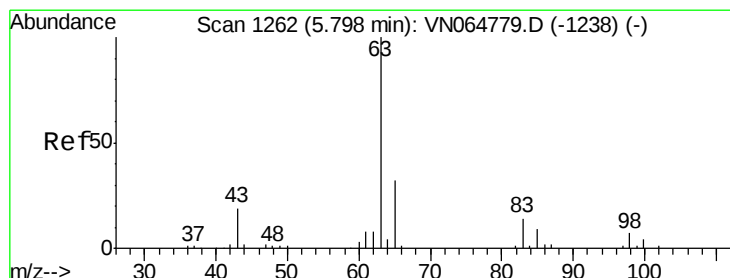
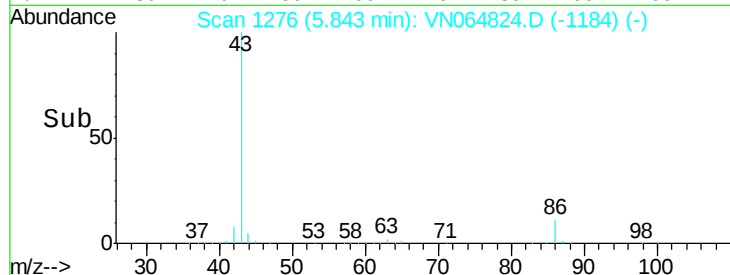
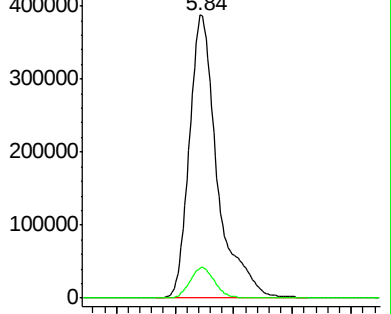
MMDadoda

11/25/2020 9:52:11 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.803 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

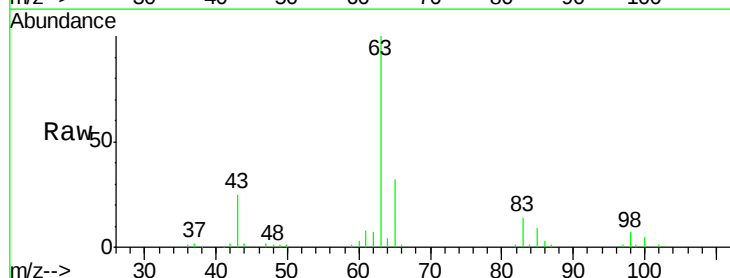
Tgt Ion: 63 Resp: 182168

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

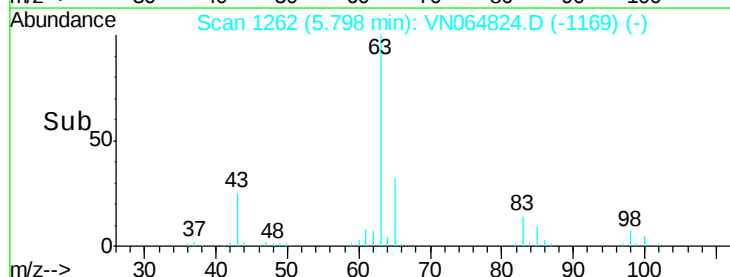
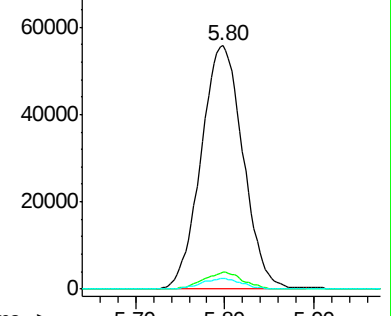
100 4.6 2.3 6.8

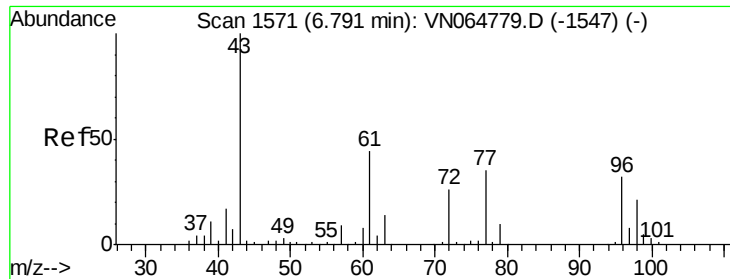


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 254.306 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 301209

Ion Ratio Lower Upper

43 100

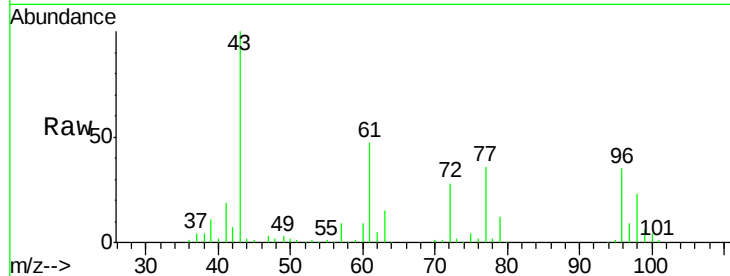
72 28.4 21.0 31.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.79

120000

100000

80000

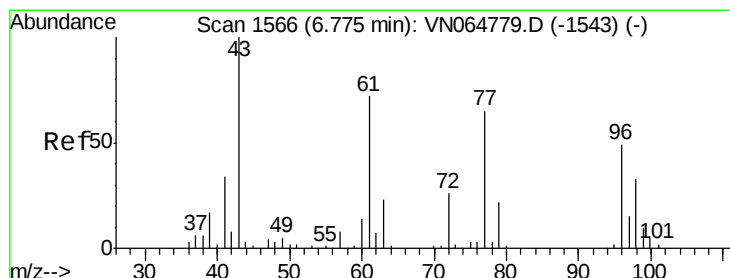
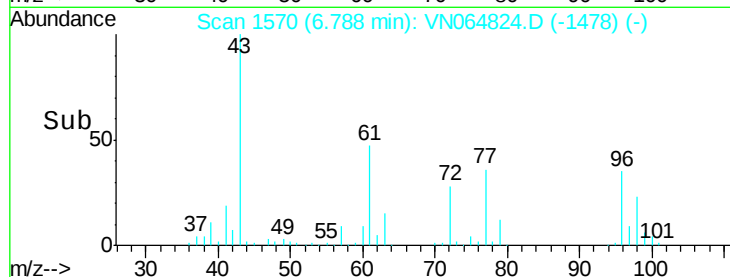
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.393 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064824.D

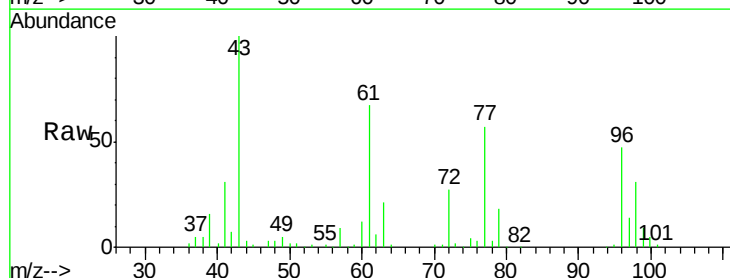
Acq: 24 Nov 2020 21:05

Tgt Ion: 77 Resp: 144006

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.78

50000

40000

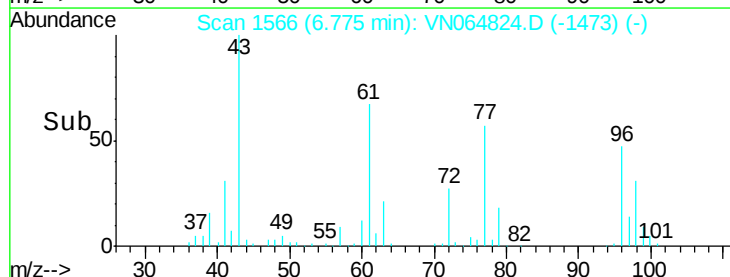
30000

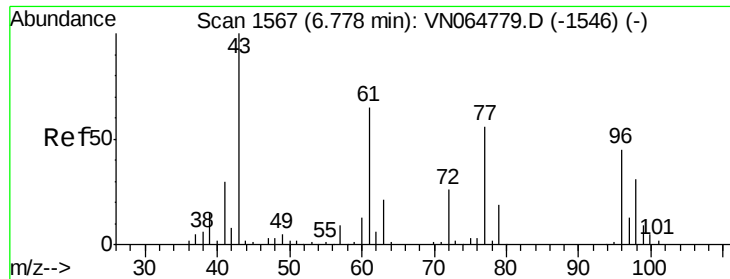
20000

10000

0

Time-->





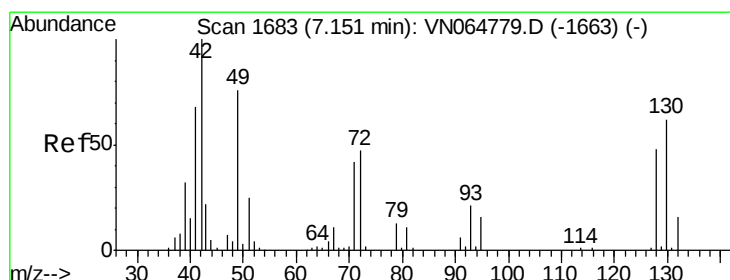
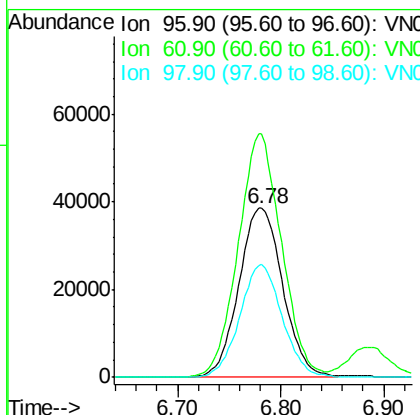
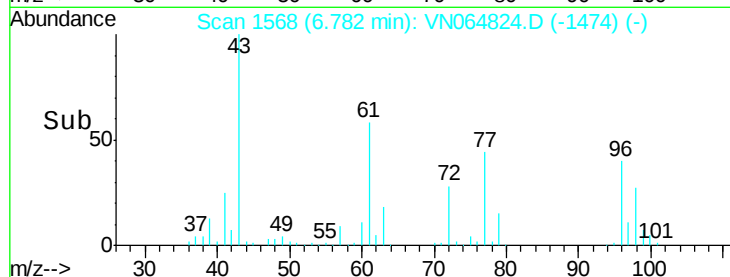
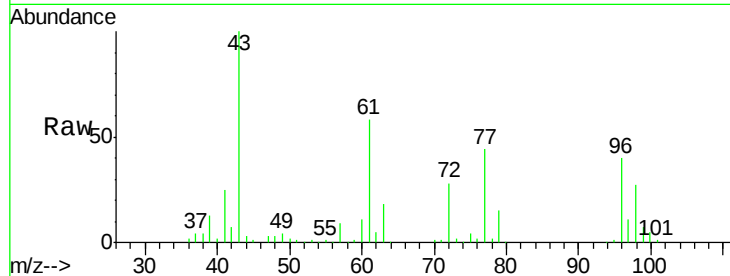
#27  
 cis-1,2-Dichloroethene  
 Concen: 49.274 ug/l  
 RT: 6.78 min Scan# 1568  
 Delta R.T. 0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 114153 |       |       |
| 61      | 142.0 | 0.0    | 285.8 |       |
| 98      | 64.3  | 0.0    | 130.6 |       |

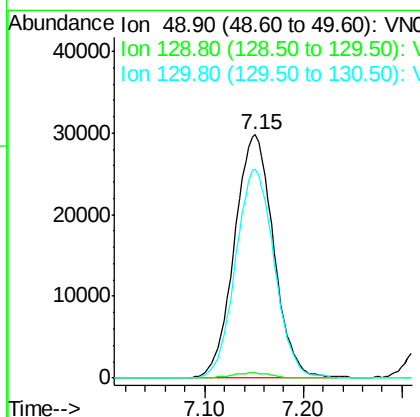
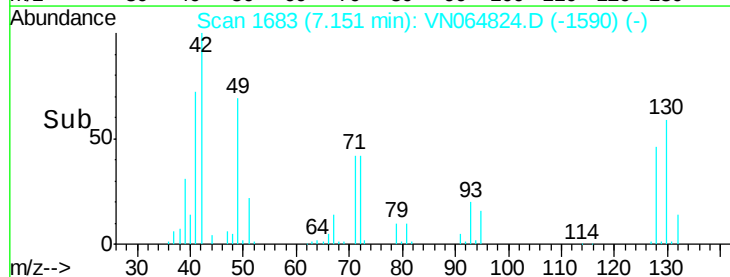
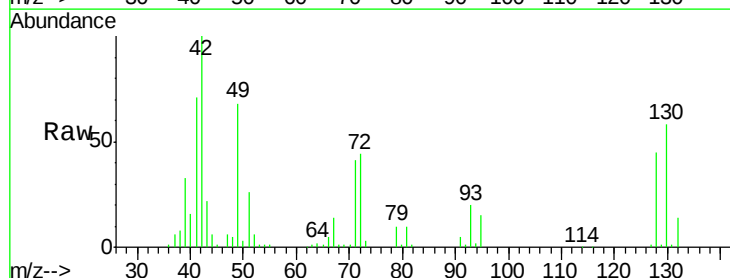
Manual Integrations  
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 11/25/2020 9:52:11 AM



#28  
 Bromochloromethane  
 Concen: 49.009 ug/l  
 RT: 7.15 min Scan# 1683  
 Delta R.T. 0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 82008 |       |       |
| 129     | 2.1   | 0.0   | 3.8   |       |
| 130     | 84.7  | 66.2  | 99.2  |       |





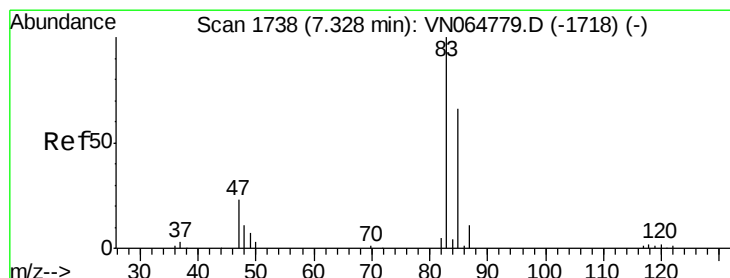
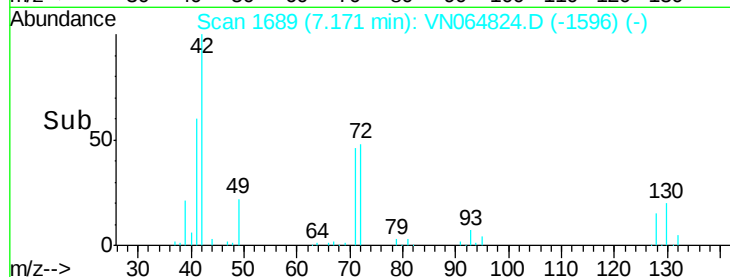
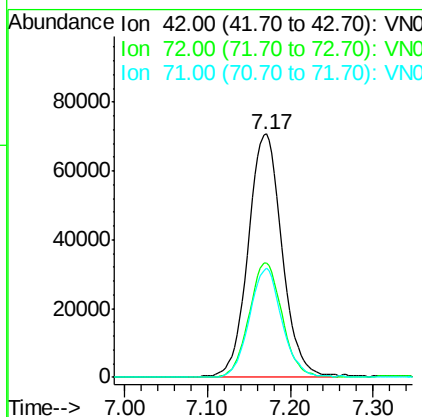
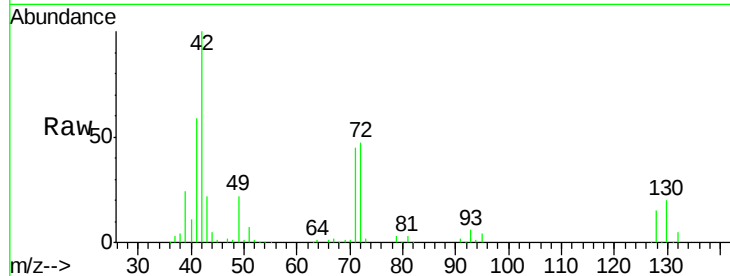
#29  
Tetrahydrofuran  
Concen: 246.429 ug/l  
RT: 7.17 min Scan# 1689  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 45.6  | 36.6  | 54.8  |
| 71      | 42.8  | 33.6  | 50.4  |

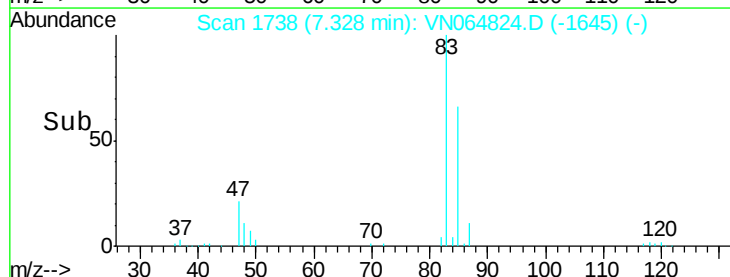
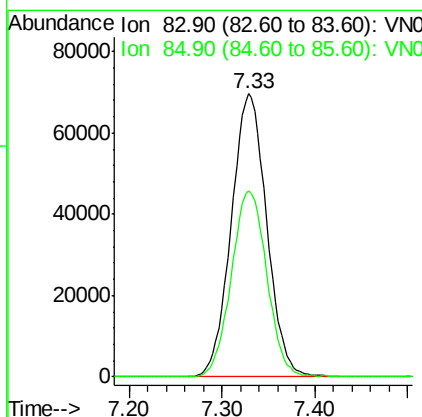
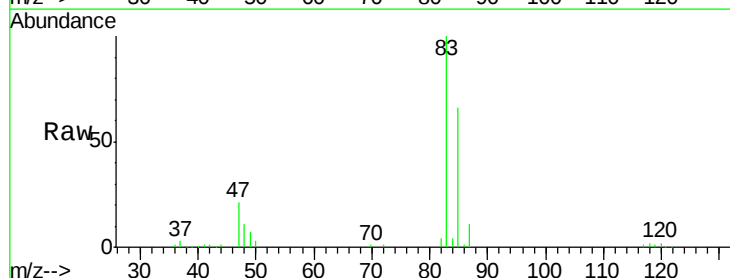
Manual Integrations  
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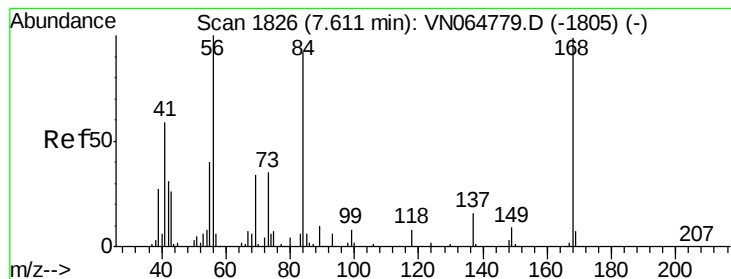
MMDadoda  
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#30  
Chloroform  
Concen: 48.938 ug/l  
RT: 7.33 min Scan# 1738  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.0  | 52.6  | 78.8  |





#31

Cyclohexane

Concen: 47.333 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA\_N

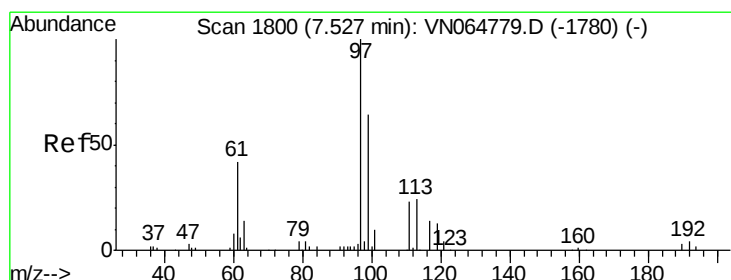
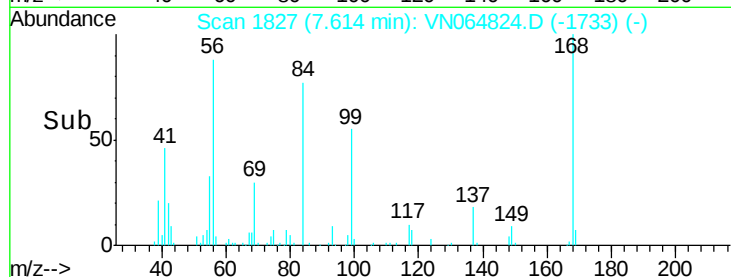
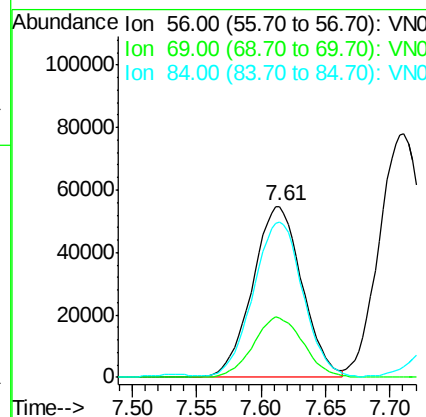
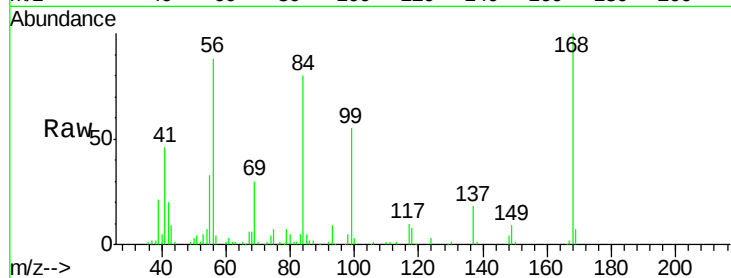
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 146633 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 34.5  | 27.5  | 41.3   |
| 84       | 89.5  | 73.9  | 110.9  |

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#32

1,1,1-Trichloroethane

Concen: 49.602 ug/l

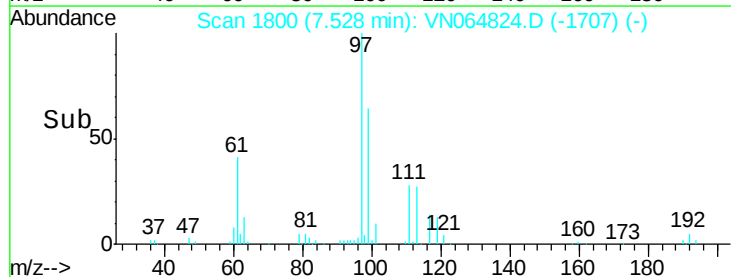
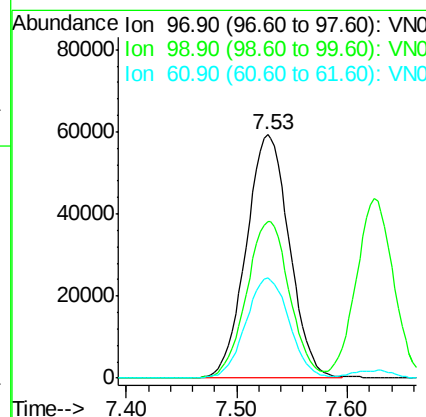
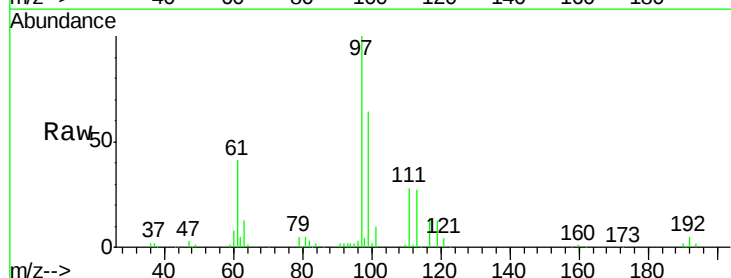
RT: 7.53 min Scan# 1800

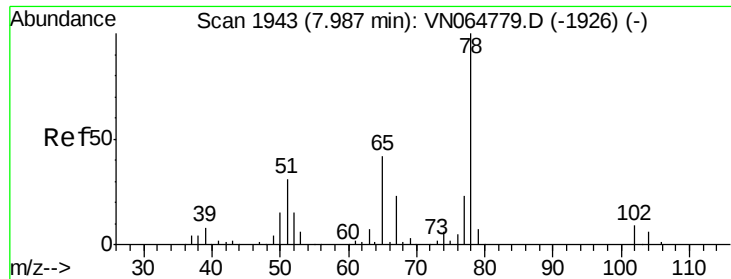
Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 160696 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.5  | 51.7  | 77.5   |
| 61       | 41.4  | 33.9  | 50.9   |





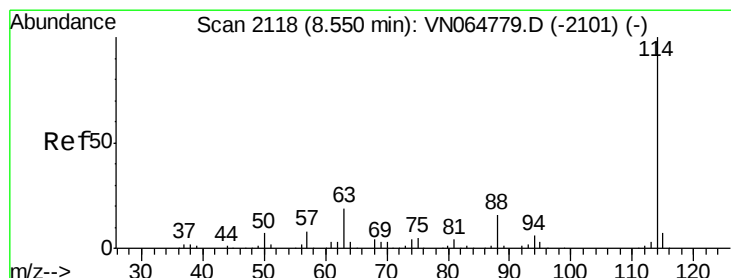
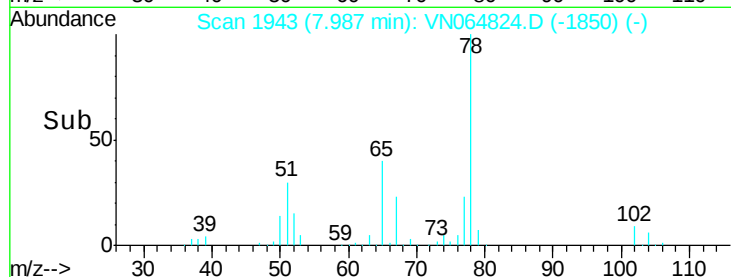
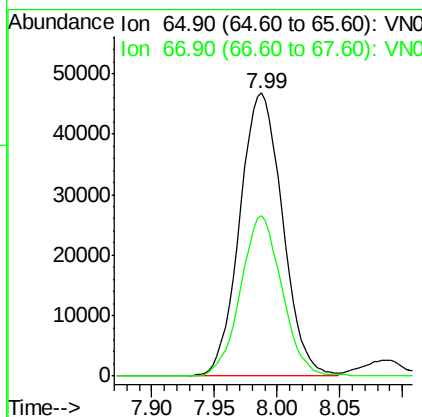
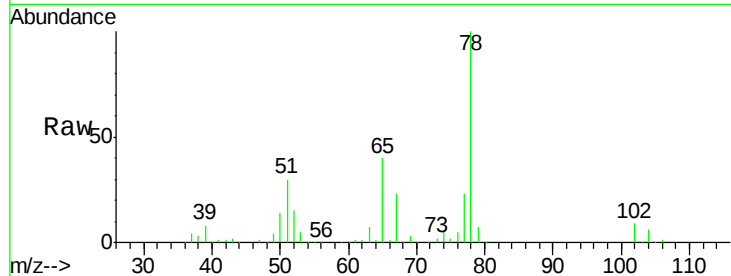
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.078 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 54.7  | 0.0  | 108.2 |       |

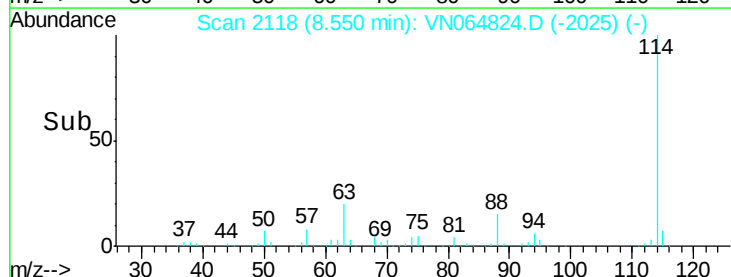
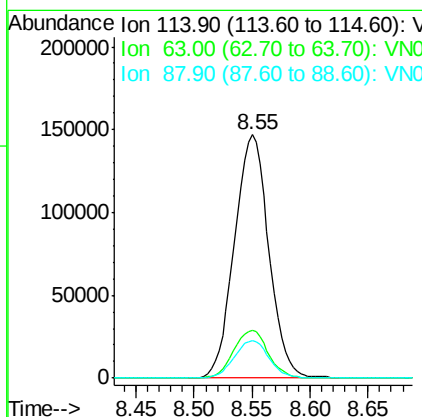
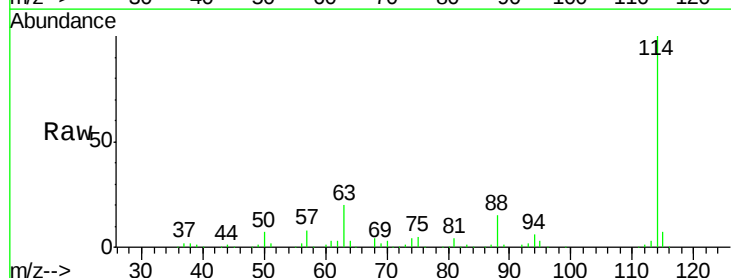
Manual Integrations  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 19.6  | 0.0  | 38.6  |       |
| 88      | 15.4  | 0.0  | 32.6  |       |





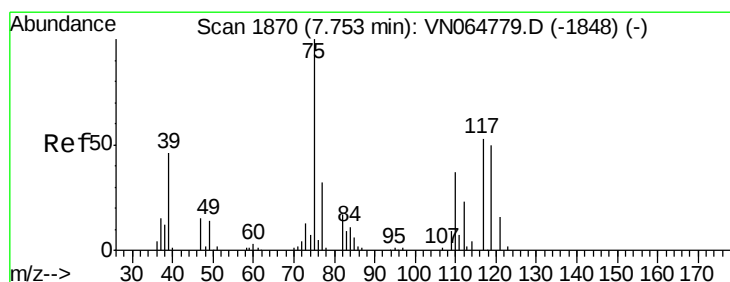
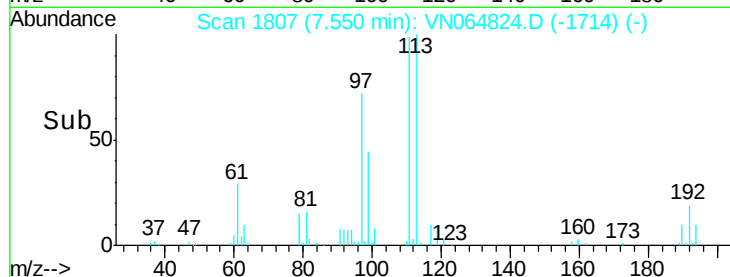
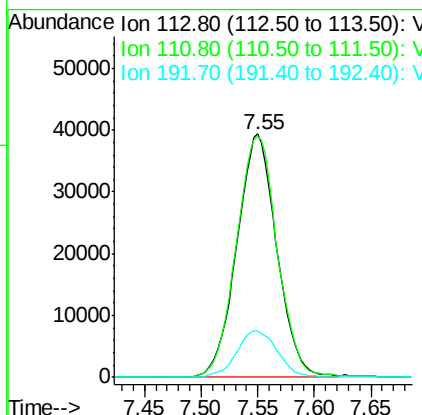
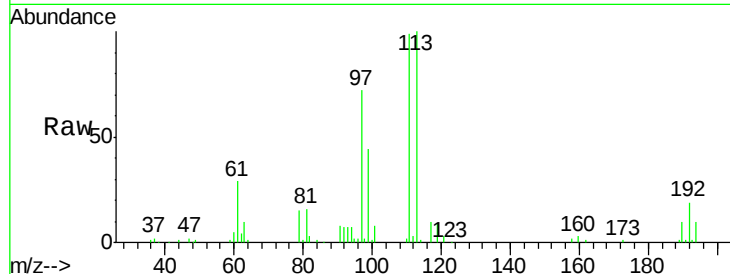
#35  
 Dibromofluoromethane  
 Concen: 53.287 ug/l  
 RT: 7.55 min Scan# 1807  
 Delta R.T. 0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.6 | 81.6  | 122.4 |
| 192     | 19.5  | 16.2  | 24.2  |

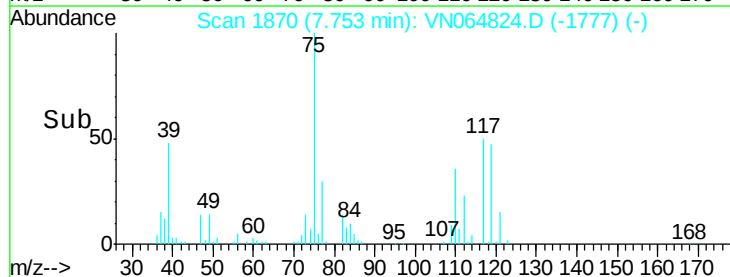
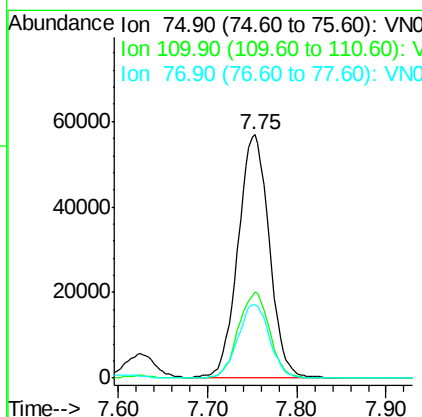
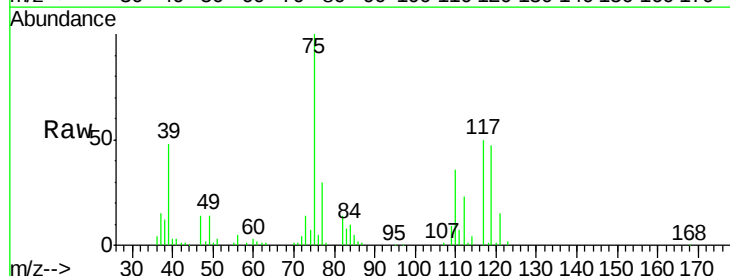
Manual Integrations  
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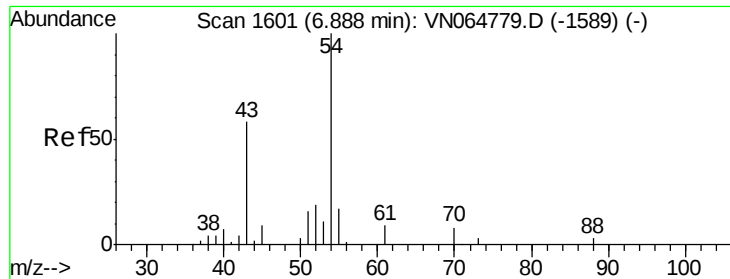
MMDadoda  
 11/25/2020 9:52:11 AM



#36  
 1,1-Dichloropropene  
 Concen: 49.441 ug/l  
 RT: 7.75 min Scan# 1870  
 Delta R.T. 0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.0  | 17.8  | 53.3  |
| 77      | 30.4  | 25.0  | 37.4  |





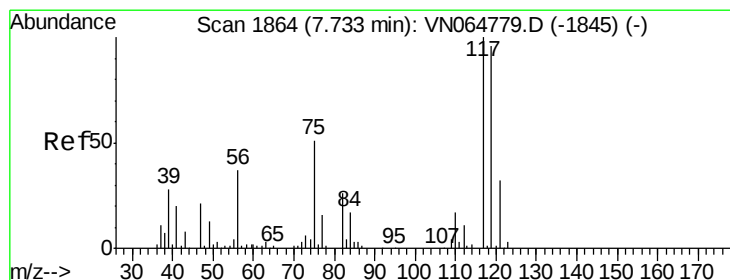
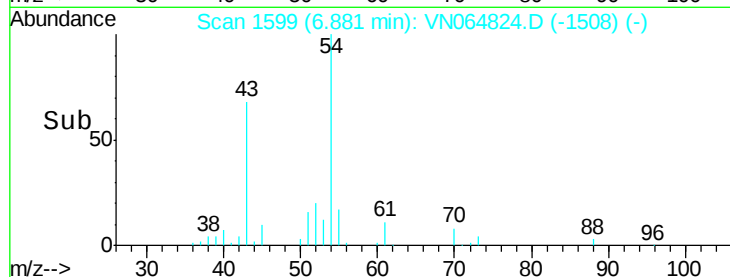
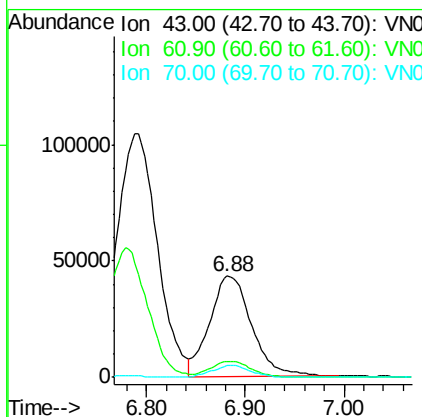
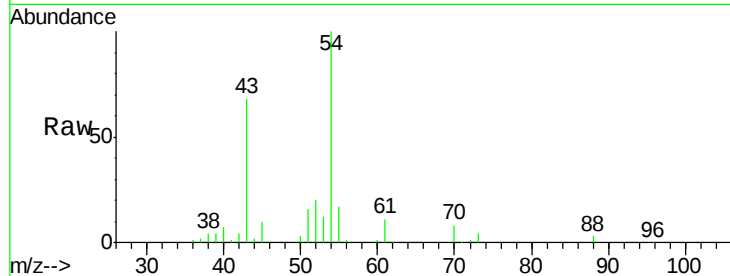
#37  
Ethyl Acetate  
Concen: 47.237 ug/l  
RT: 6.88 min Scan# 1599  
Delta R.T. -0.01 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.8  | 12.8  | 19.2  |
| 70      | 11.2  | 8.8   | 13.2  |

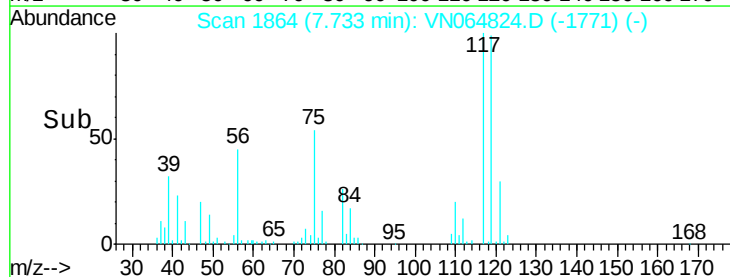
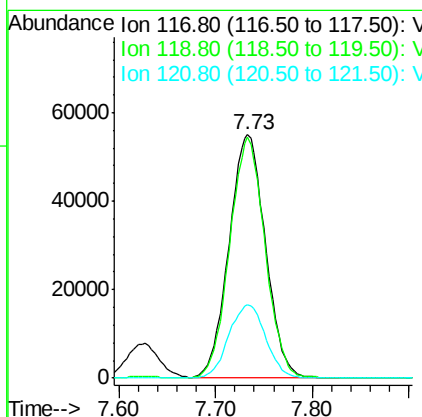
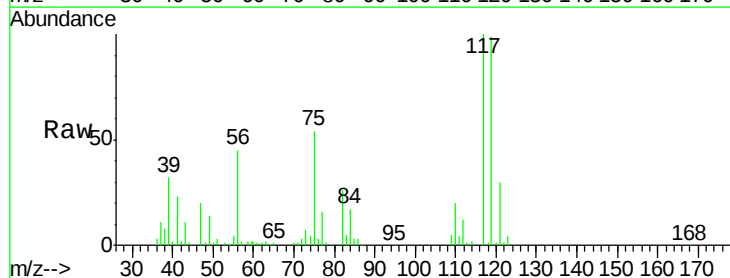
Manual Integrations  
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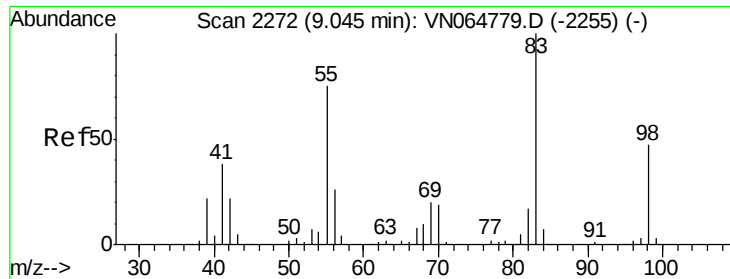
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 49.215 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 98.8  | 76.7  | 115.1 |
| 121     | 30.3  | 25.4  | 38.2  |





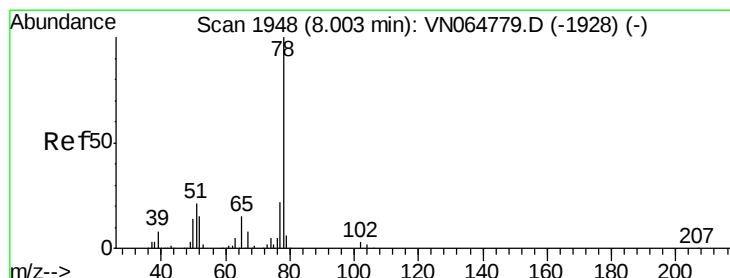
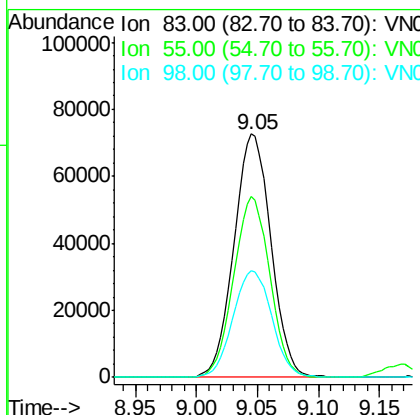
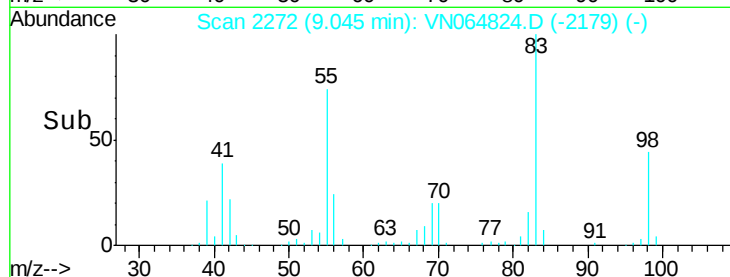
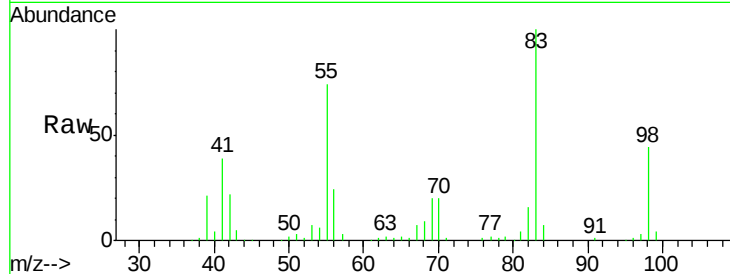
#39  
Methvlcvclohexane  
Concen: 50.334 ug/l  
RT: 9.05 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 74.4  | 60.2  | 90.2  |
| 98      | 43.6  | 37.4  | 56.2  |

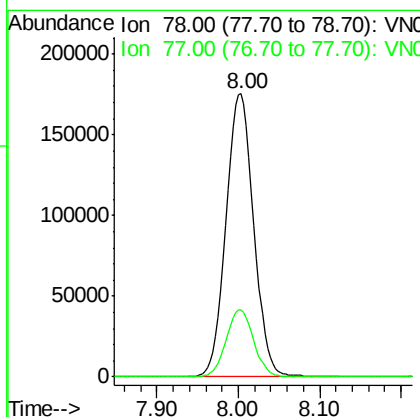
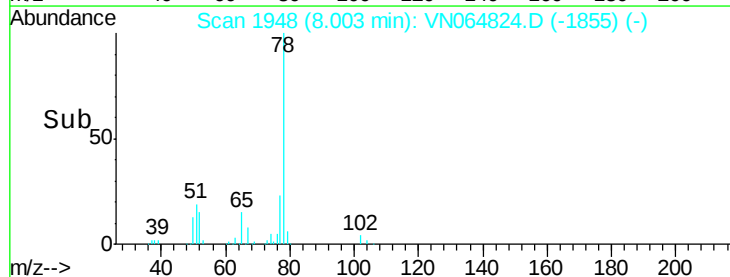
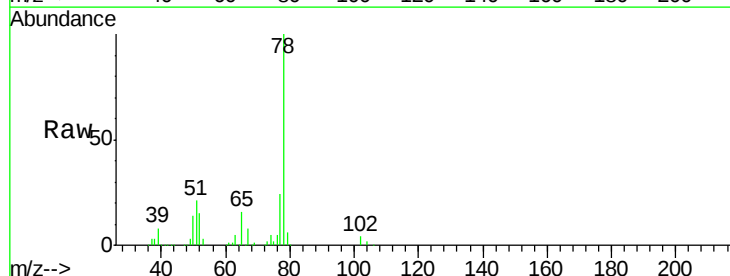
Manual Integrations  
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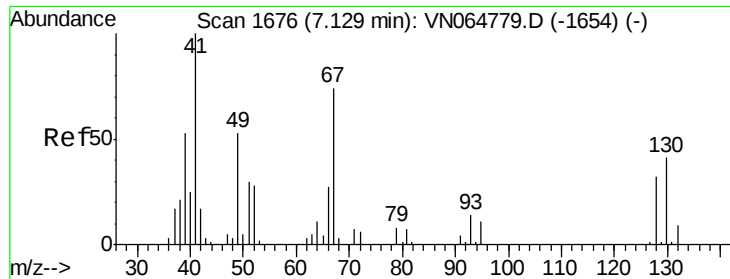
MMDadoda  
11/25/2020 9:52:11 AM



#40  
Benzene  
Concen: 48.689 ug/l  
RT: 8.00 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.7  | 17.9  | 26.9  |





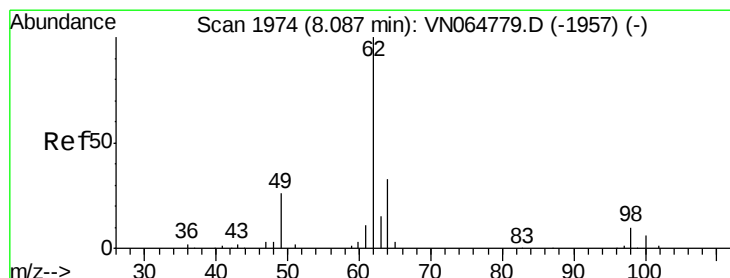
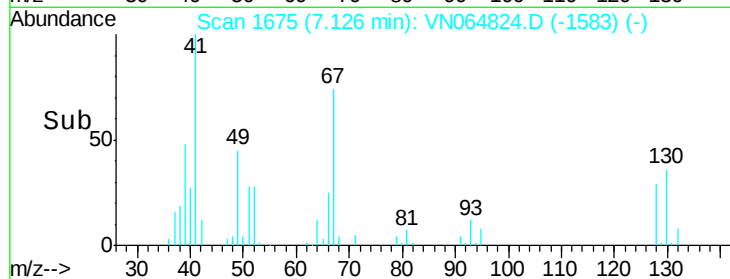
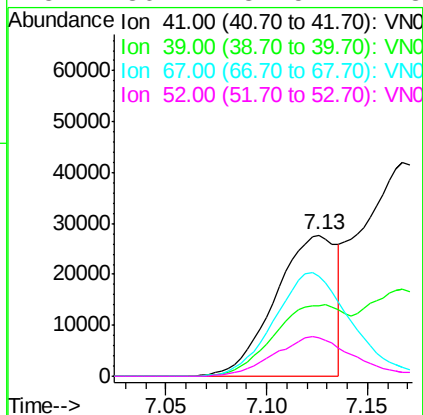
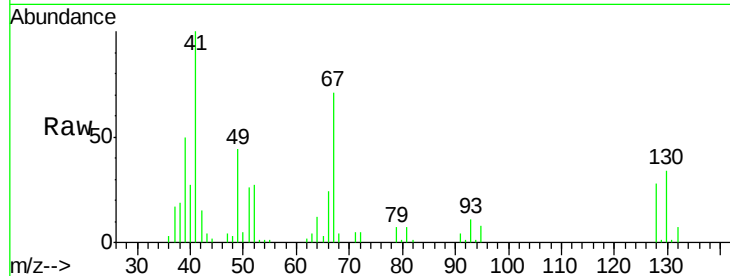
#41  
Methacrylonitrile  
Concen: 46.742 ug/l  
RT: 7.13 min Scan# 1675  
Delta R.T. -0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 58403 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.1  | 51.0  | 76.6  |
| 67       | 92.9  | 79.8  | 119.8 |
| 52       | 36.4  | 31.5  | 47.3  |

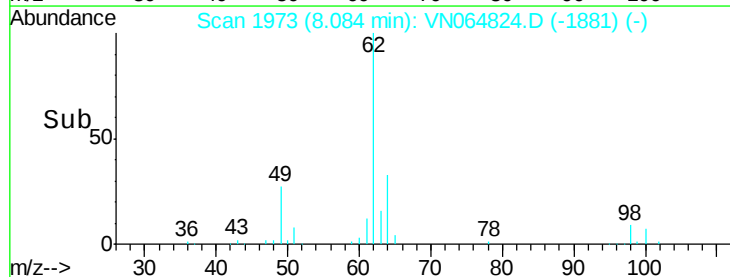
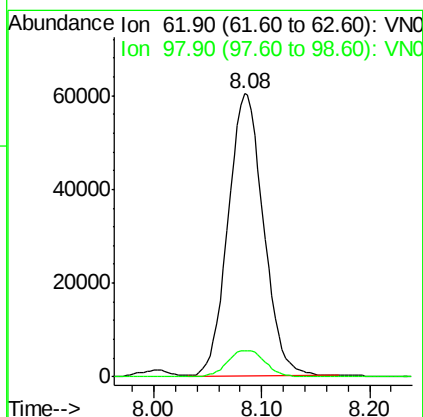
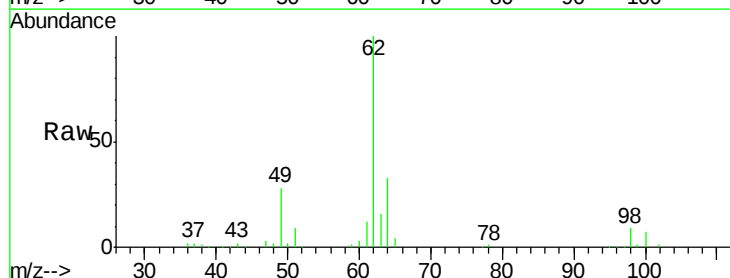
Manual Integrations  
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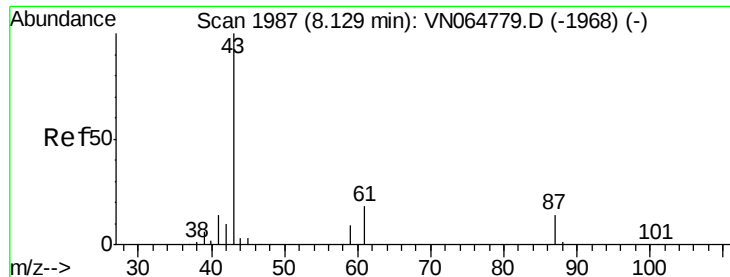
MMDadoda  
11/25/2020 9:52:11 AM



#42  
1,2-Dichloroethane  
Concen: 47.465 ug/l  
RT: 8.08 min Scan# 1973  
Delta R.T. -0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 137934 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.9   | 0.0   | 19.6   |





#43

Isopropyl Acetate

Concen: 47.737 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA\_N

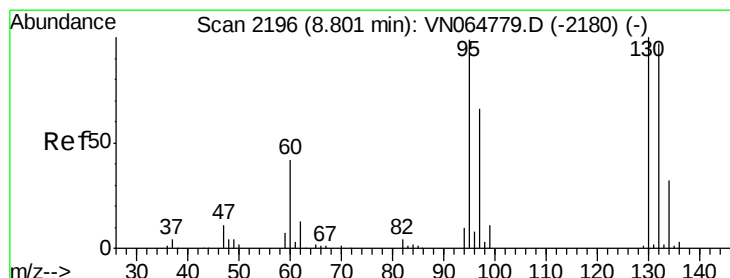
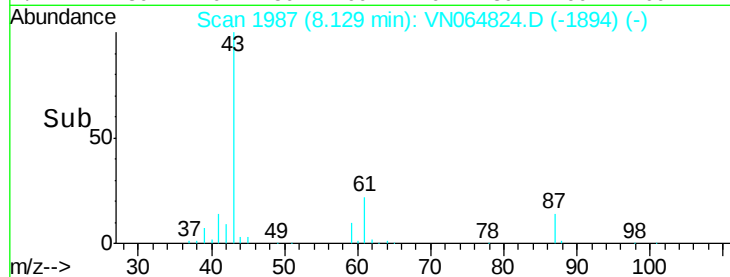
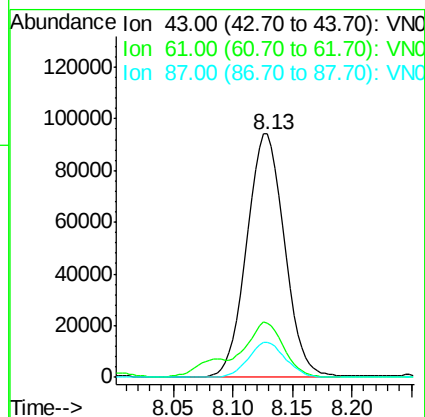
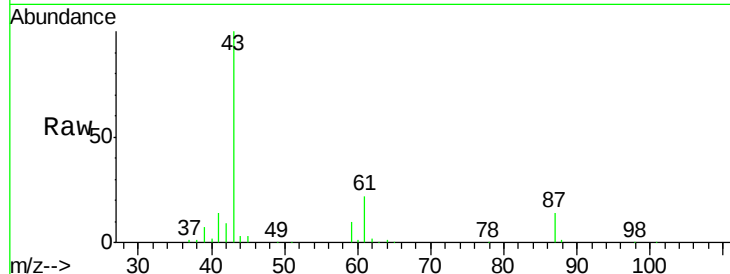
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 208007 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 22.7  | 17.2  | 25.8   |
| 87       | 14.1  | 11.4  | 17.0   |

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#44

Trichloroethene

Concen: 46.396 ug/l

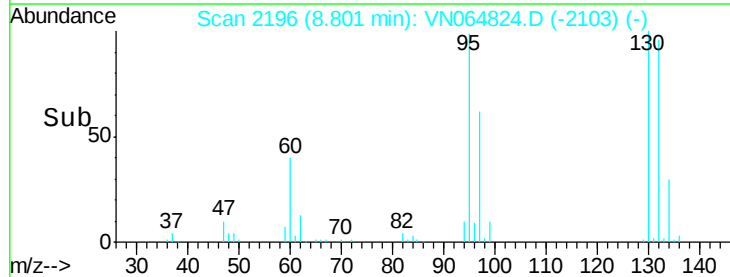
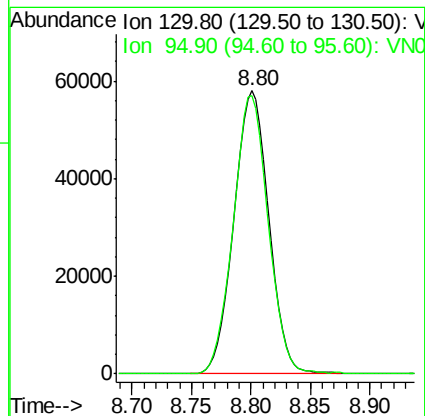
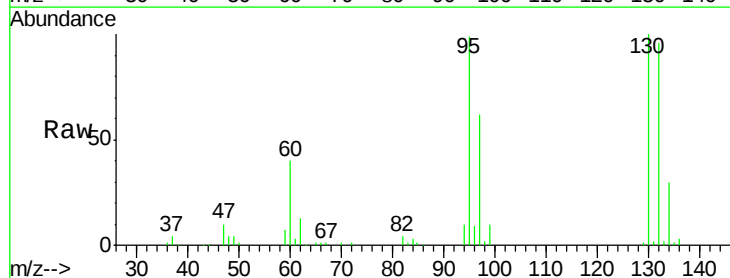
RT: 8.80 min Scan# 2196

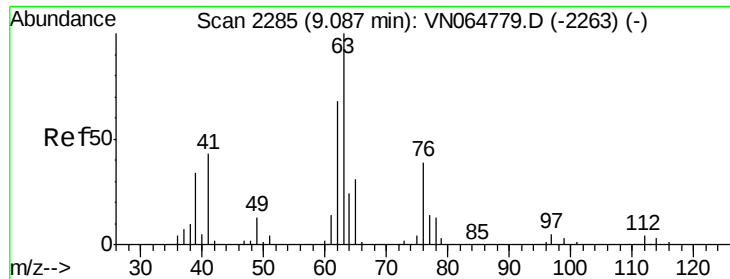
Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 117924 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 98.5  | 0.0   | 197.8  |





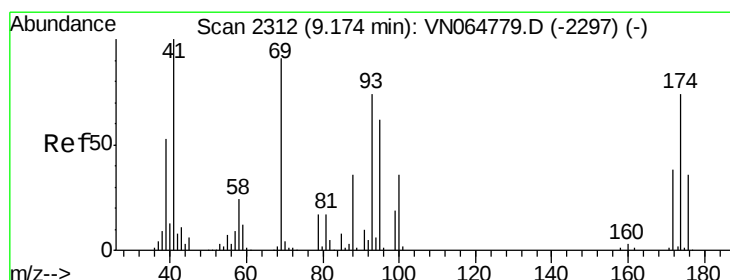
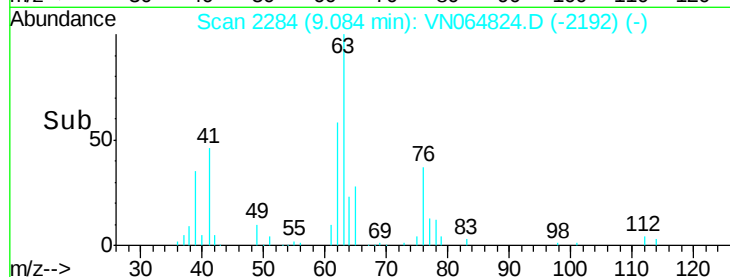
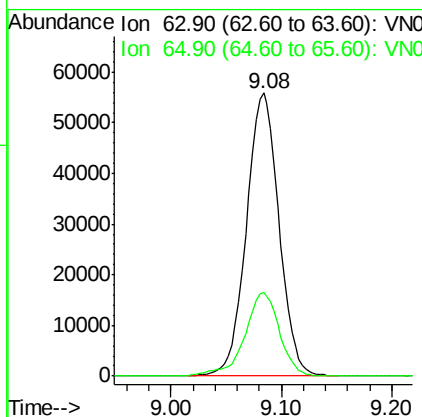
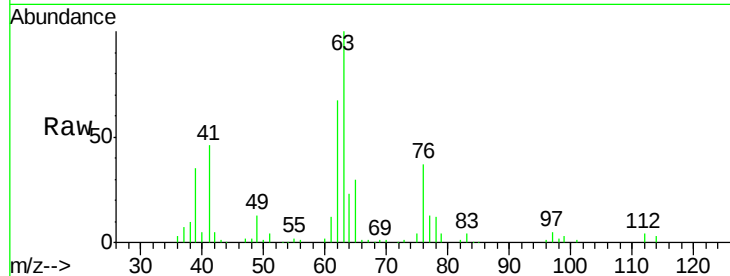
#45  
 1,2-Dichloropropane  
 Concen: 51.245 ug/l  
 RT: 9.08 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 114320  
 Ion Ratio Lower Upper  
 63 100  
 65 29.5 25.0 37.4

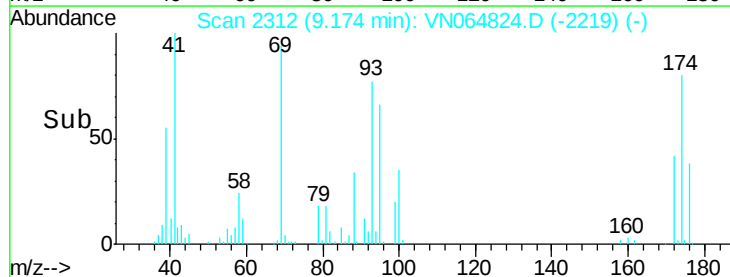
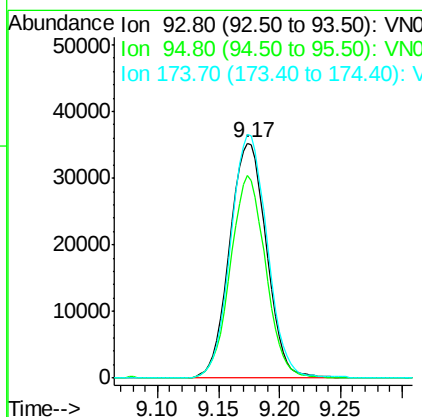
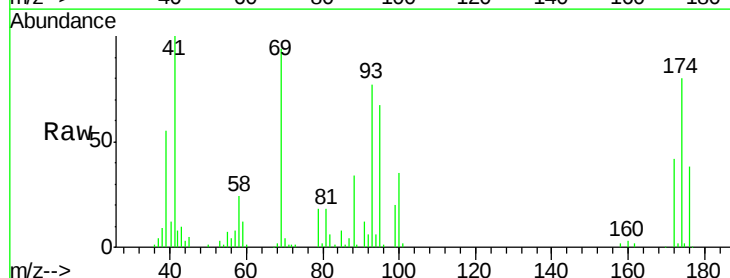
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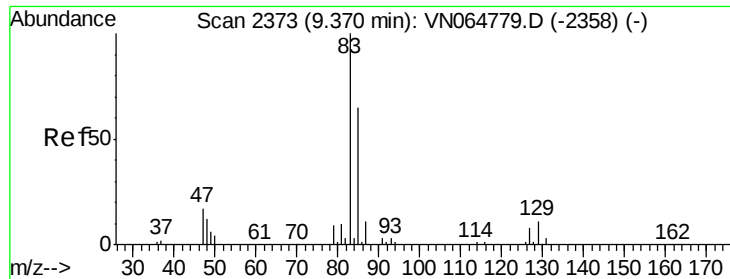
MMDadoda  
 11/25/2020 9:52:11 AM



#46  
 Dibromomethane  
 Concen: 49.761 ug/l  
 RT: 9.17 min Scan# 2312  
 Delta R.T. 0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

Tgt Ion: 93 Resp: 74161  
 Ion Ratio Lower Upper  
 93 100  
 95 82.3 68.8 103.2  
 174 102.7 83.1 124.7





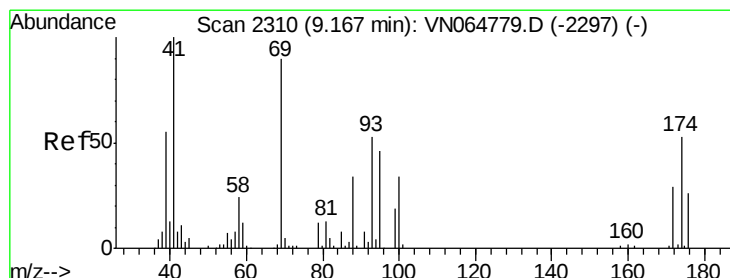
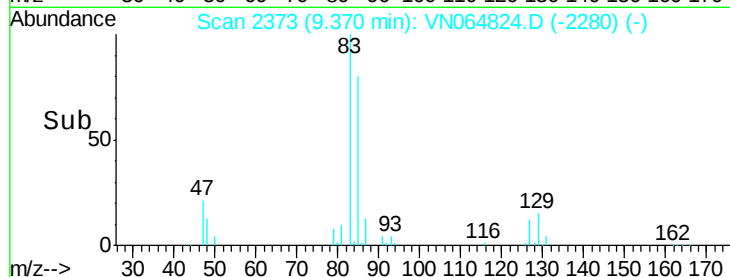
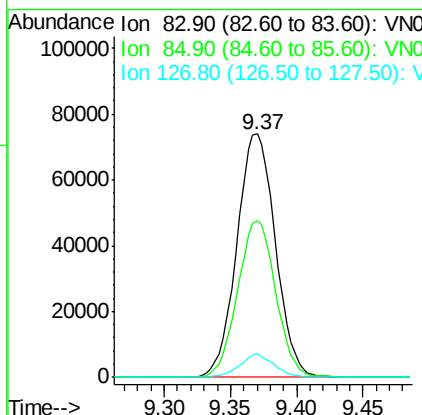
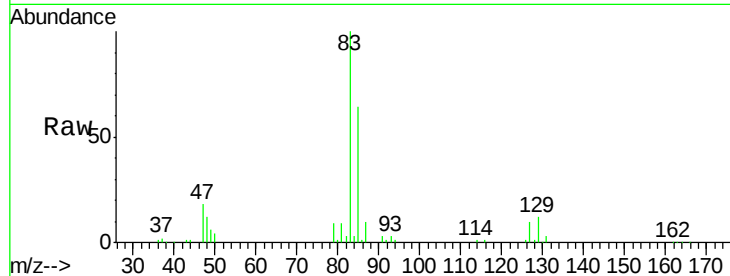
#47  
Bromodichloromethane  
Concen: 49.787 ug/l  
RT: 9.37 min Scan# 2373  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 149298 |       |       |
| 85      | 64.5  | 51.8   | 77.8  |       |
| 127     | 9.5   | 6.8    | 10.2  |       |

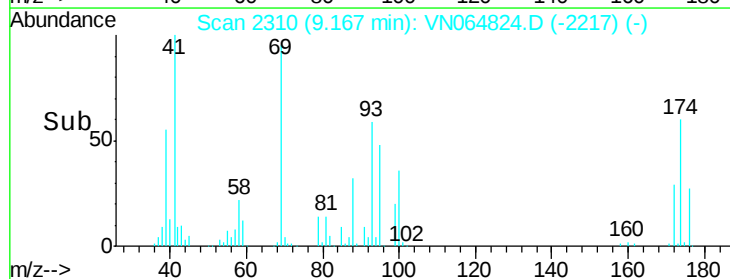
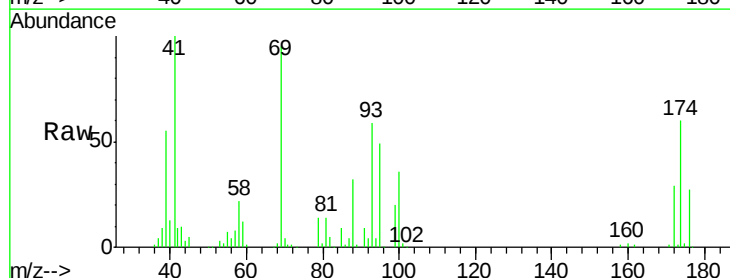
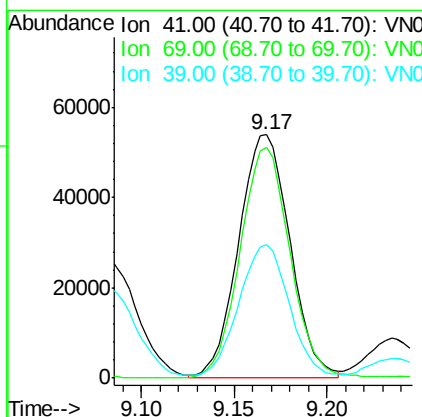
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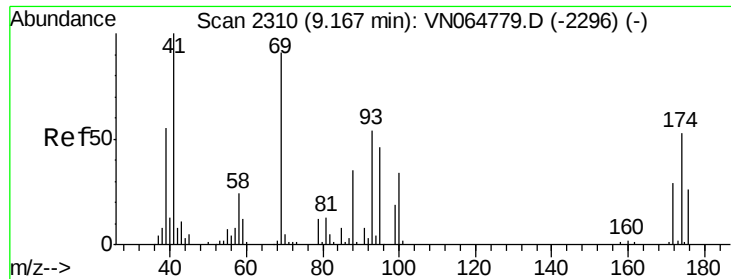
MMDadoda  
11/25/2020 9:52:11 AM



#48  
Methyl methacrylate  
Concen: 49.518 ug/l  
RT: 9.17 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 41      | 100   | 103100 |       |       |
| 69      | 92.8  | 71.8   | 107.8 |       |
| 39      | 54.6  | 44.1   | 66.1  |       |





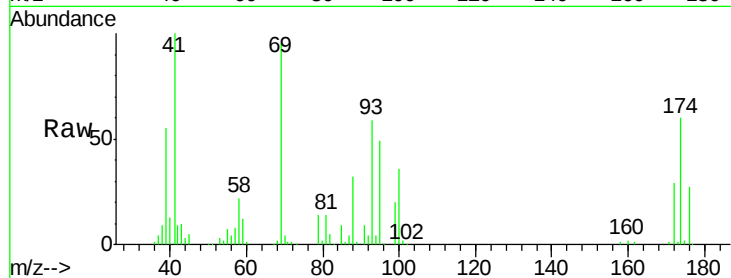
#49  
1,4-Dioxane  
Concen: 916.728 ug/l  
RT: 9.17 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 31.7  | 24.2  | 36.4  |
| 58      | 69.9  | 52.5  | 78.7  |

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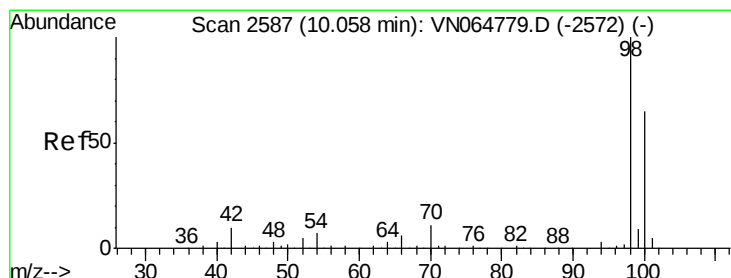
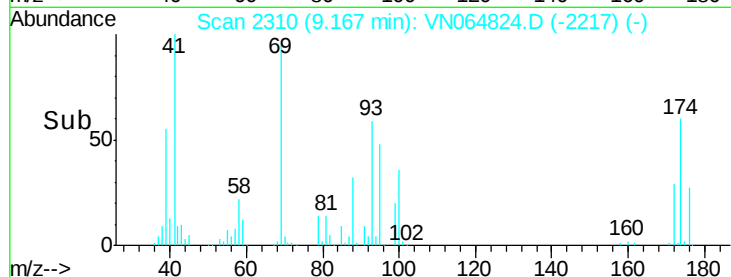
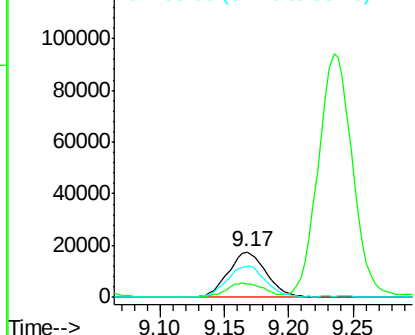


Abundance

Ion 88.00 (87.70 to 88.70): VN0

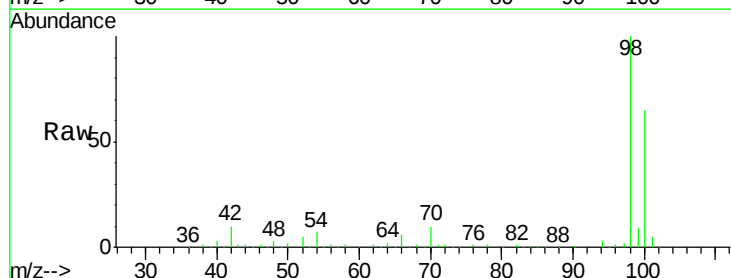
Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50  
Toluene-d8  
Concen: 50.808 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

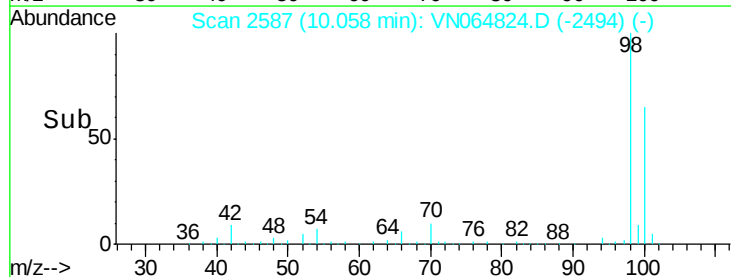
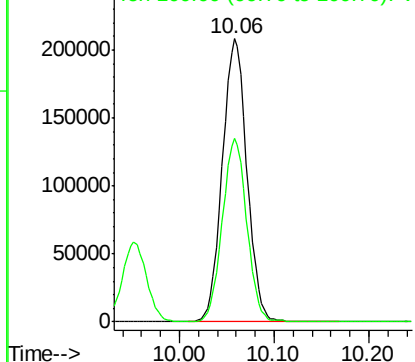
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.1  | 51.7  | 77.5  |



Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 249.455 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 652551

Ion Ratio Lower Upper

43 100

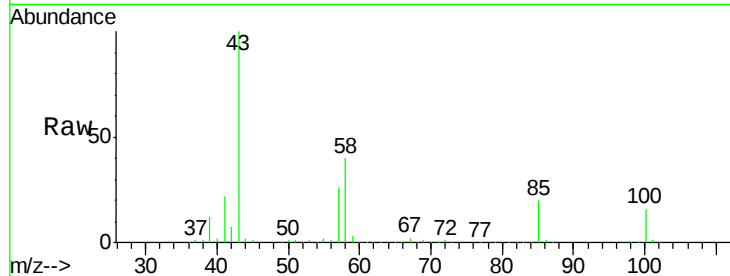
58 40.2 32.4 48.6

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Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.95

400000

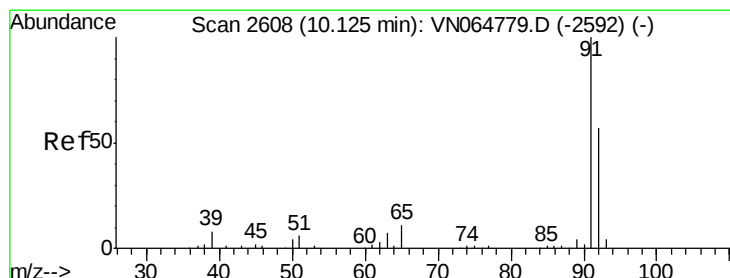
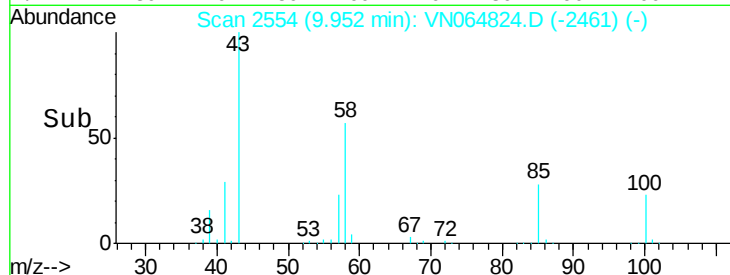
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.970 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064824.D

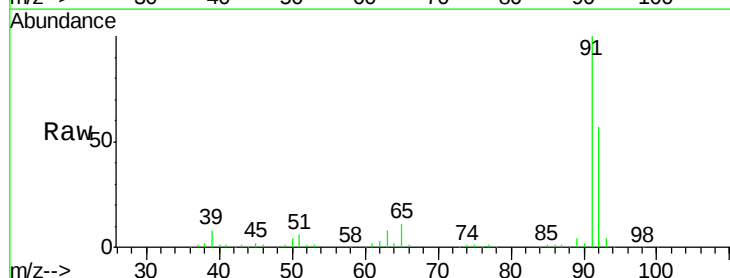
Acq: 24 Nov 2020 21:05

Tgt Ion: 92 Resp: 265096

Ion Ratio Lower Upper

92 100

91 173.3 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.12

300000

250000

200000

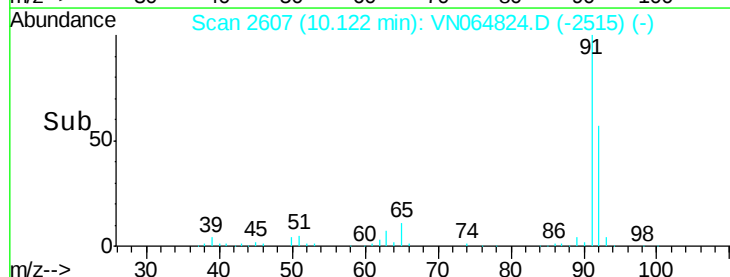
150000

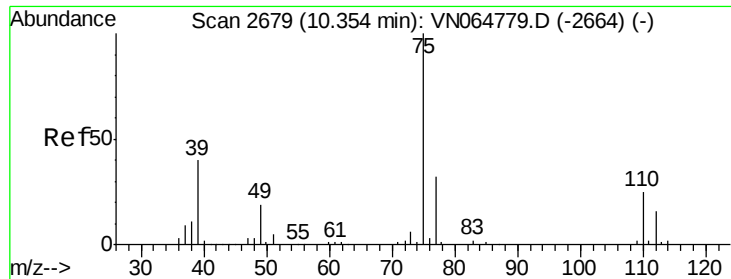
100000

50000

0

Time-->





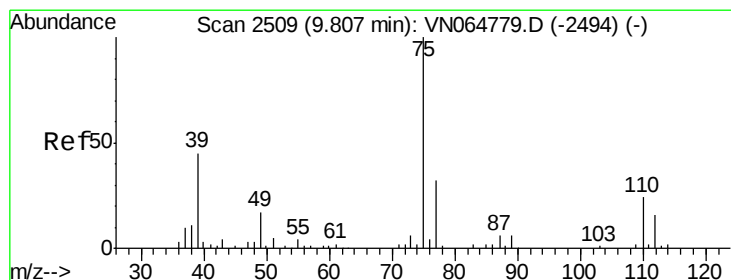
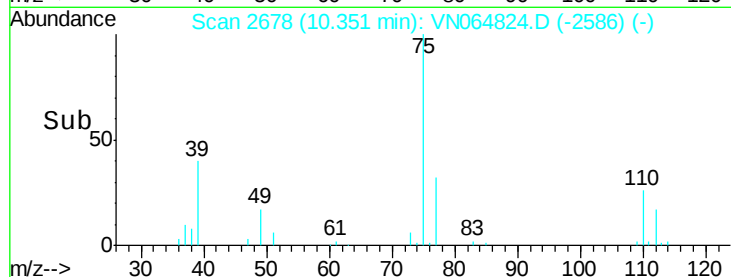
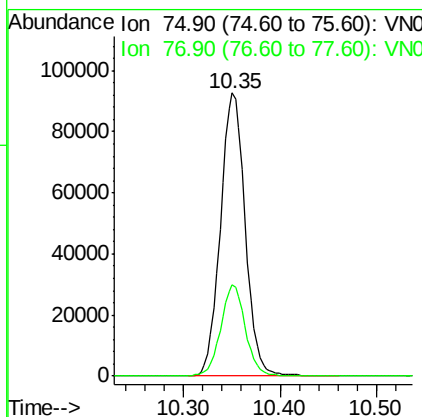
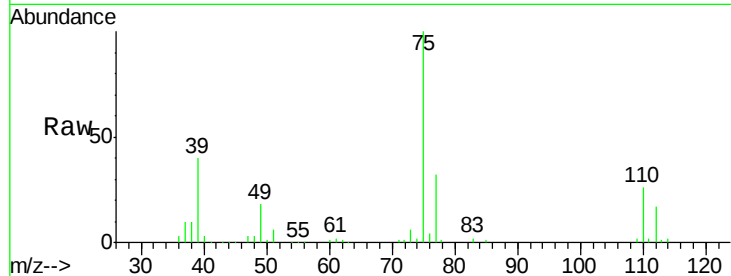
#53  
t-1,3-Dichloropropene  
Concen: 49.322 ug/l  
RT: 10.35 min Scan# 2678  
Delta R.T. -0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 75 Resp: 164735  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.8 38.6

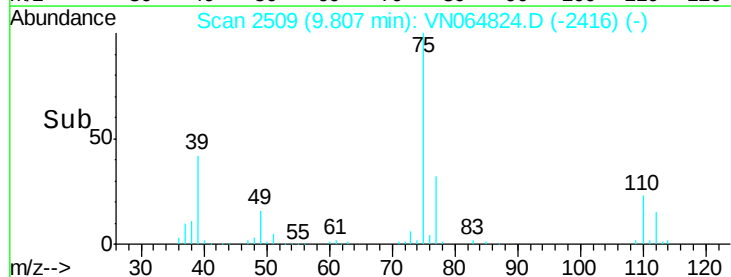
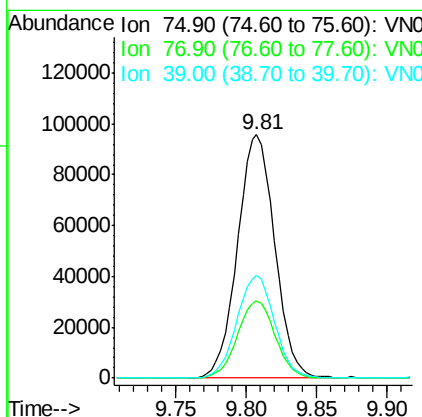
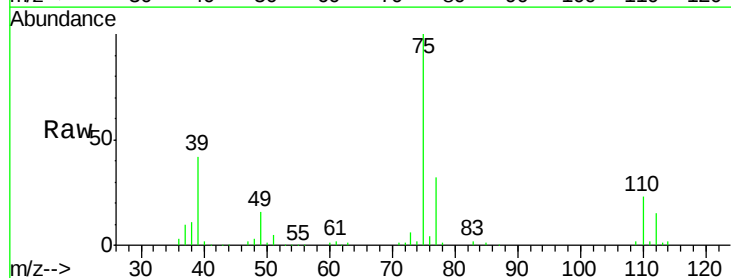
Manual Integrations  
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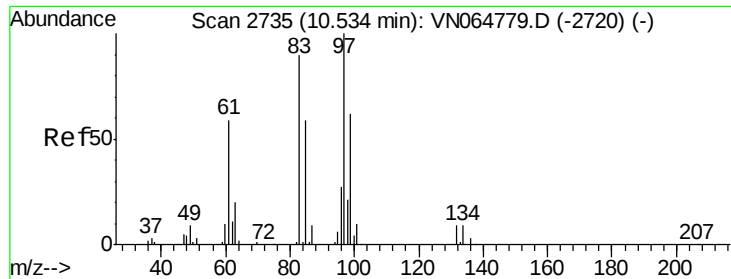
MMDadoda  
11/25/2020 9:52:11 AM



#54  
cis-1,3-Dichloropropene  
Concen: 49.533 ug/l  
RT: 9.81 min Scan# 2509  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Tgt Ion: 75 Resp: 177330  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.5 38.3  
39 42.4 35.6 53.4





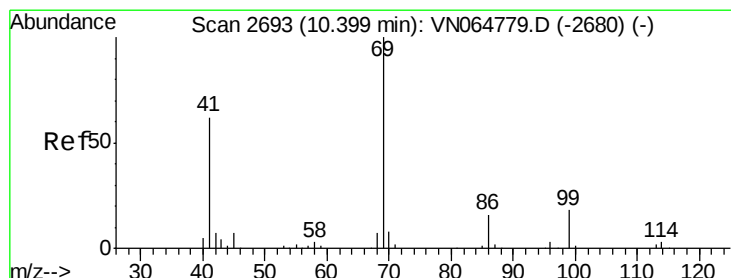
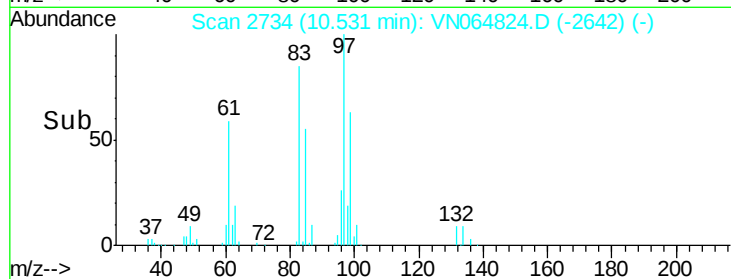
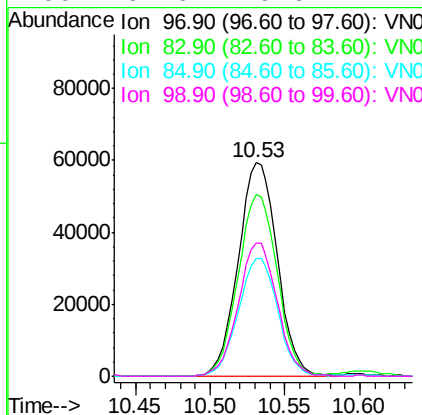
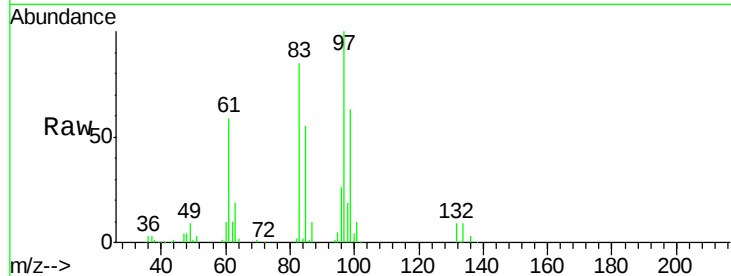
#55  
 1,1,2-Trichloroethane  
 Concen: 49.524 ug/l  
 RT: 10.53 min Scan# 2734  
 Delta R.T. -0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 108036 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.9  | 72.1  | 108.1  |
| 85       | 55.2  | 46.8  | 70.2   |
| 99       | 62.6  | 49.6  | 74.4   |

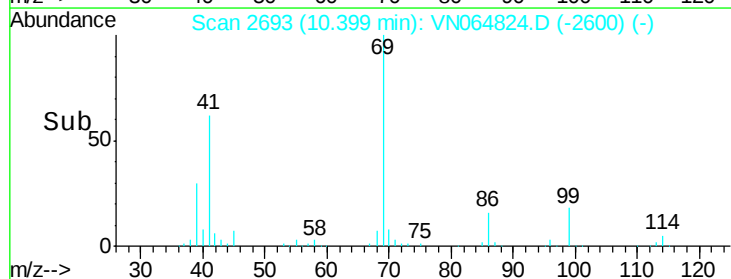
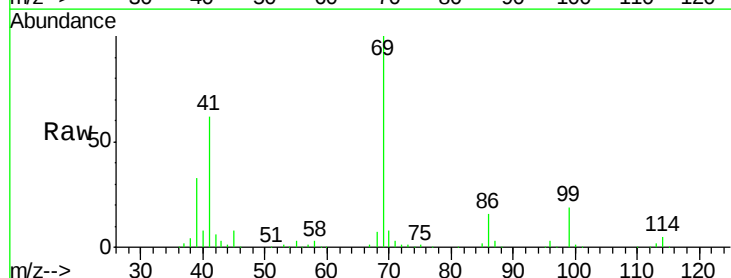
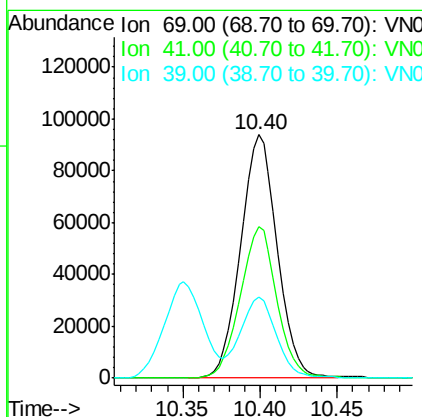
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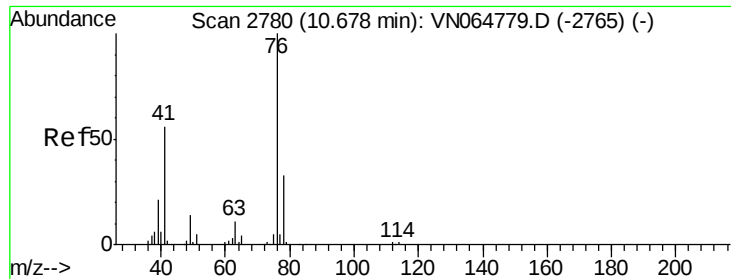
MMDadoda  
 11/25/2020 9:52:11 AM



#56  
 Ethyl methacrylate  
 Concen: 51.394 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. 0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 154715 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 61.5  | 49.4  | 74.0   |
| 39       | 32.5  | 25.9  | 38.9   |





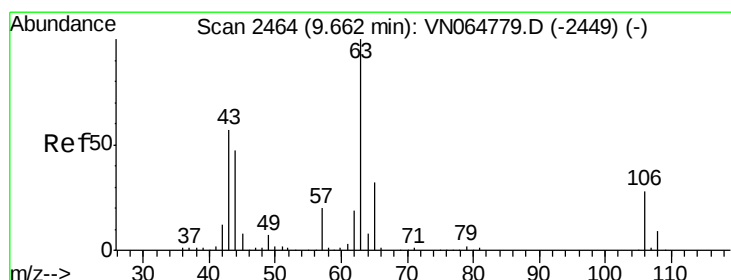
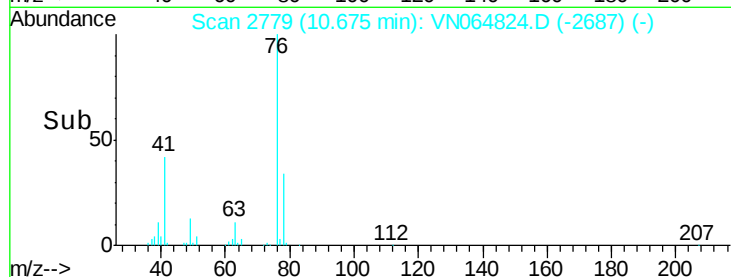
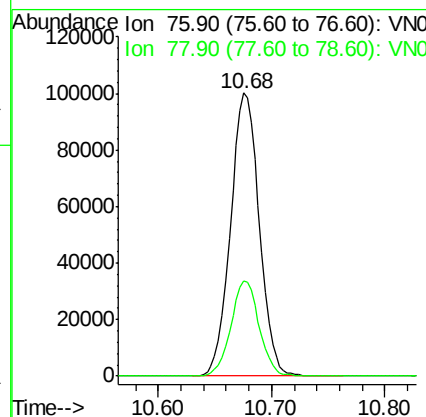
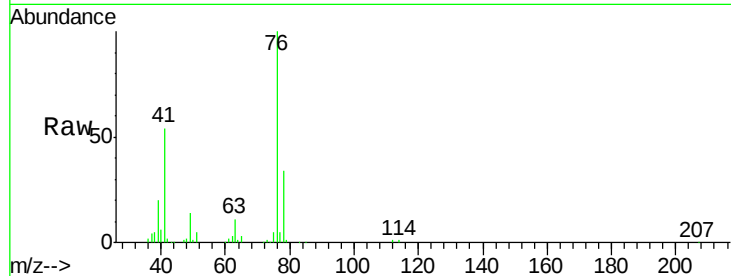
#57  
 1,3-Dichloropropane  
 Concen: 49.228 ug/l  
 RT: 10.68 min Scan# 2779  
 Delta R.T. -0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 76 Resp: 177150  
 Ion Ratio Lower Upper  
 76 100  
 78 33.0 26.1 39.1

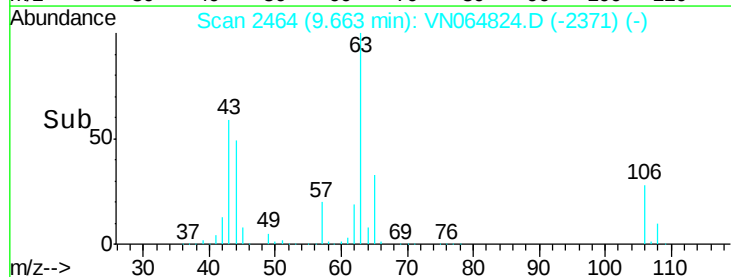
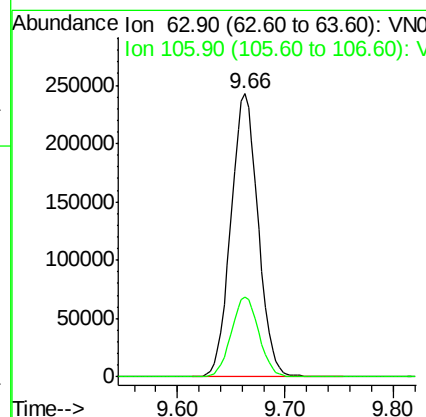
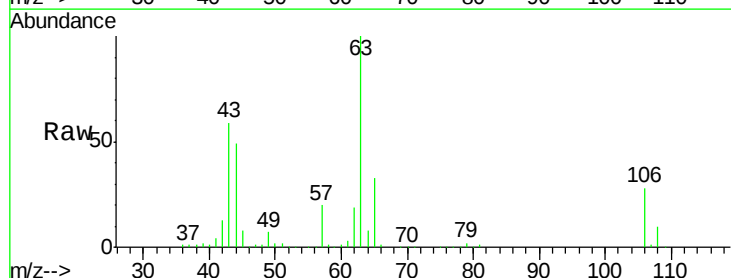
Manual Integrations  
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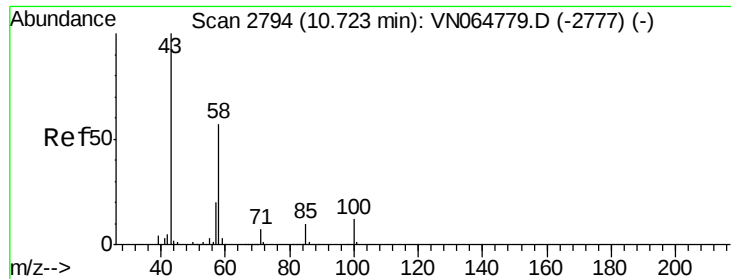
MMDadoda  
 11/25/2020 9:52:11 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 258.326 ug/l  
 RT: 9.66 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

Tgt Ion: 63 Resp: 427768  
 Ion Ratio Lower Upper  
 63 100  
 106 28.5 22.7 34.1





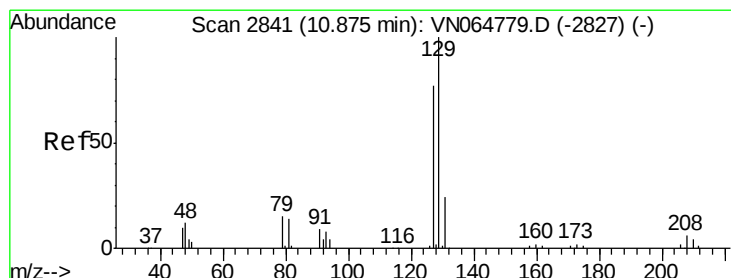
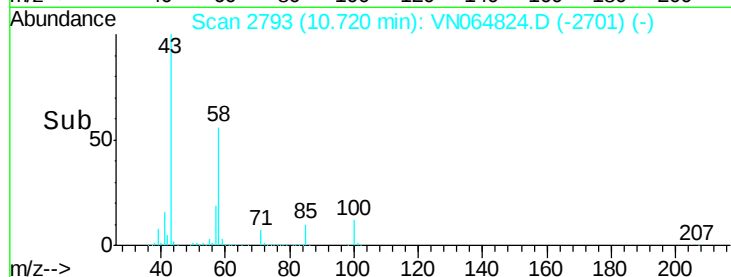
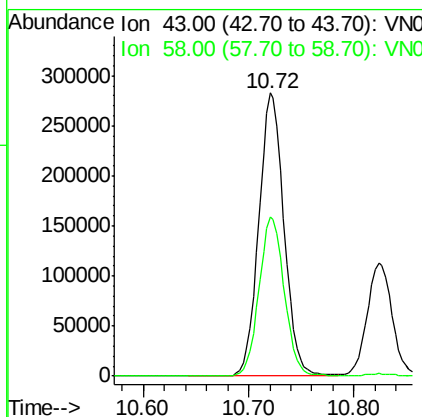
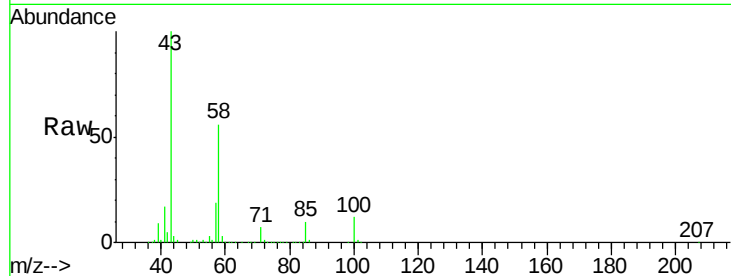
#59  
2-Hexanone  
Concen: 250.876 ug/l  
RT: 10.72 min Scan# 2793  
Delta R.T. -0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 472306  
Ion Ratio Lower Upper  
43 100  
58 56.6 28.3 84.9

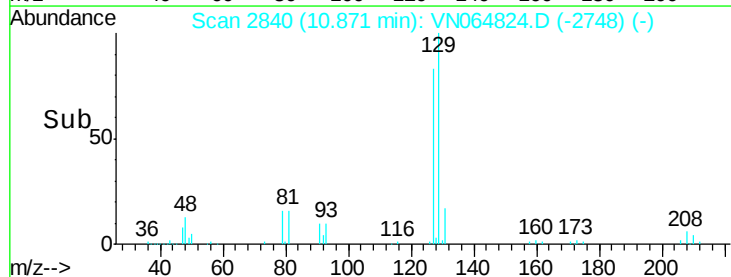
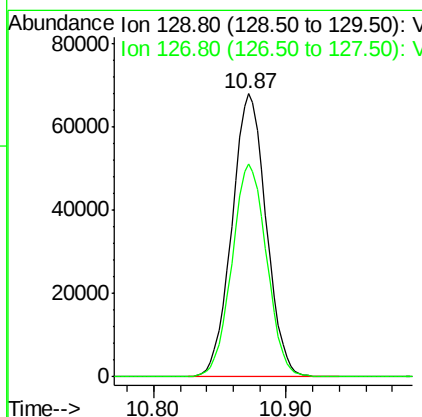
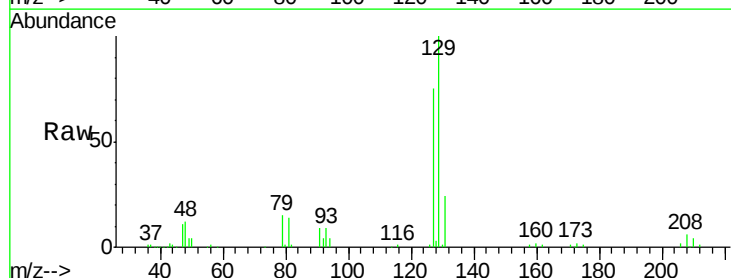
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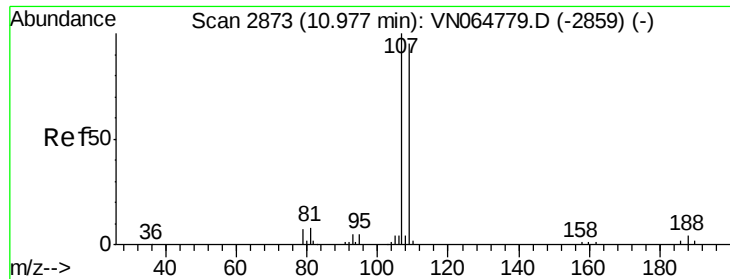
MMDadoda  
11/25/2020 9:52:11 AM



#60  
Dibromochloromethane  
Concen: 50.450 ug/l  
RT: 10.87 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Tgt Ion: 129 Resp: 122337  
Ion Ratio Lower Upper  
129 100  
127 76.0 39.1 117.2





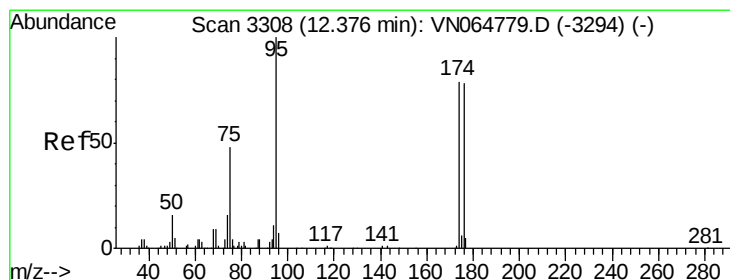
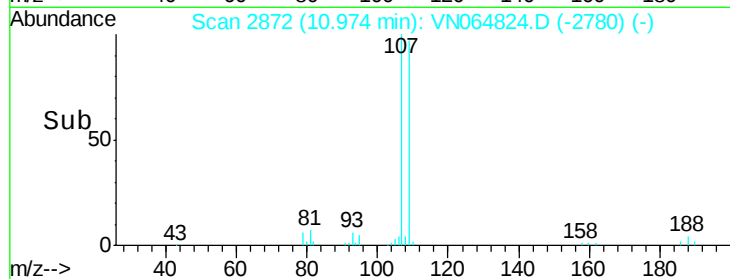
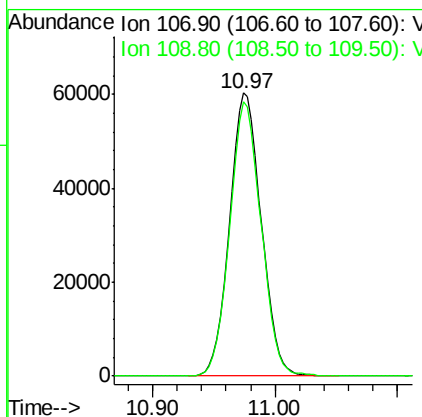
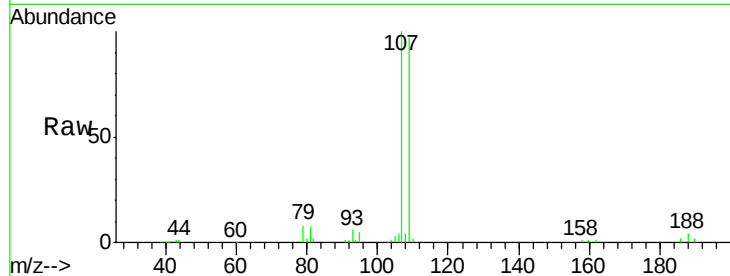
#61  
 1,2-Dibromoethane  
 Concen: 49.128 ug/l  
 RT: 10.97 min Scan# 2872  
 Delta R.T. -0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 108884 |       |       |
| 109     | 96.1  | 76.0   | 114.0 |       |

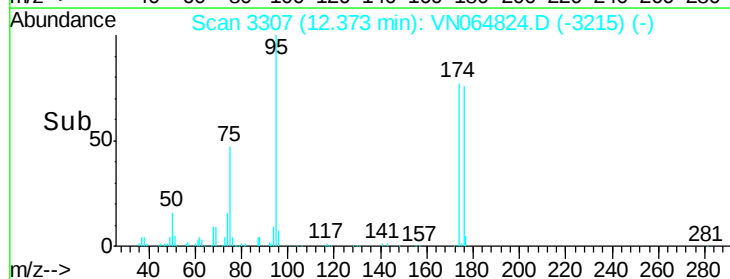
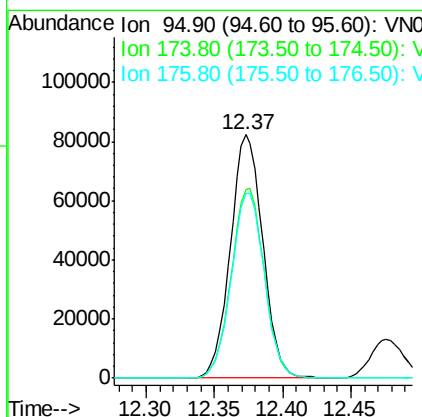
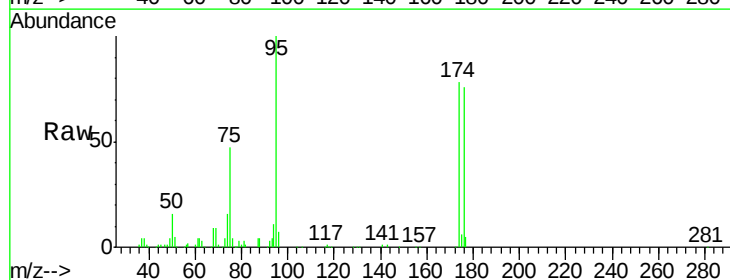
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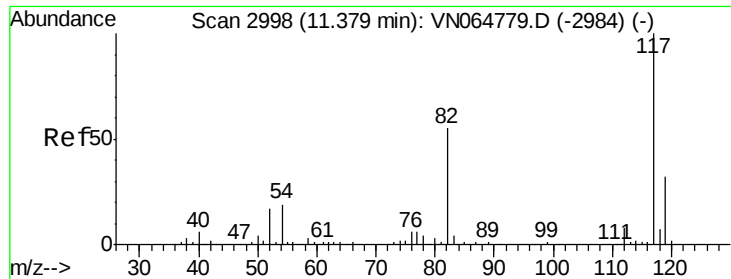
MMDadoda  
 11/25/2020 9:52:11 AM



#62  
 4-Bromofluorobenzene  
 Concen: 51.151 ug/l  
 RT: 12.37 min Scan# 3307  
 Delta R.T. -0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 135739 |       |       |
| 174     | 79.2  | 0.0    | 160.4 |       |
| 176     | 77.6  | 0.0    | 158.4 |       |





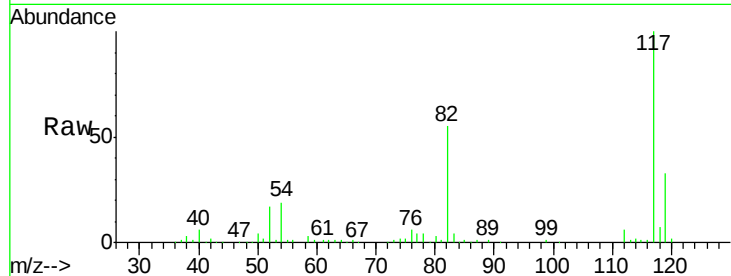
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2997  
Delta R.T. -0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.2  | 44.2  | 66.2  |
| 119     | 32.9  | 25.8  | 38.6  |

Manual Integrations  
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11/25/2020 9:52:11 AM

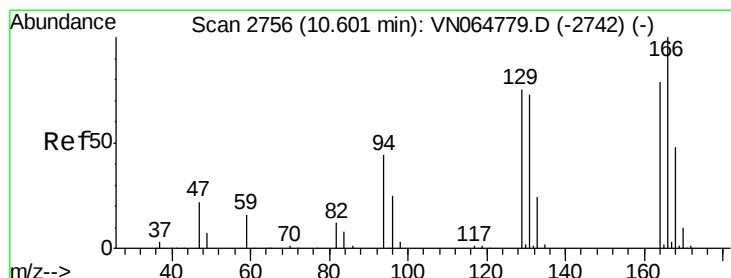
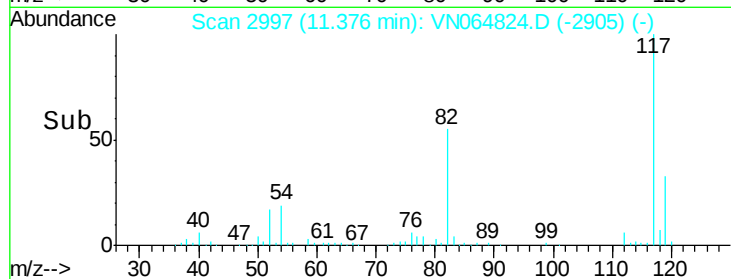
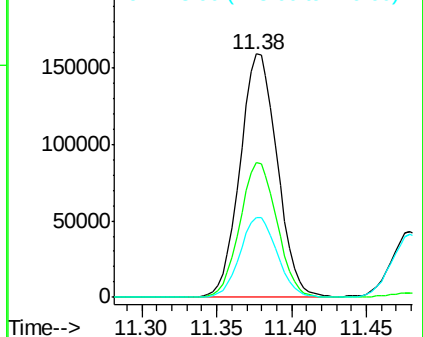


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64  
Tetrachloroethene  
Concen: 43.218 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 130.1 | 101.4 | 152.0 |
| 129     | 97.0  | 76.1  | 114.1 |
| 131     | 91.1  | 74.2  | 111.2 |

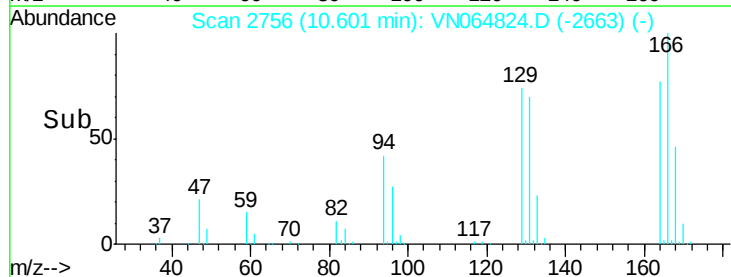
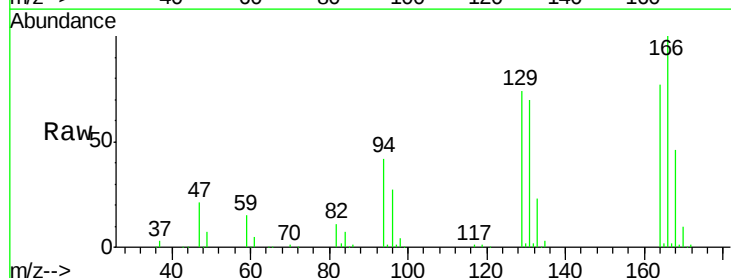
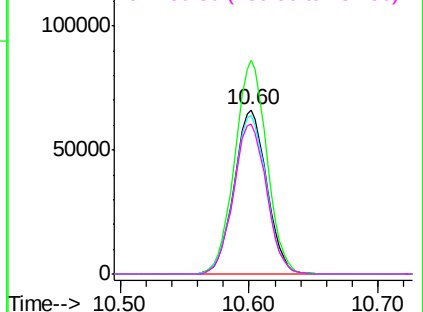
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





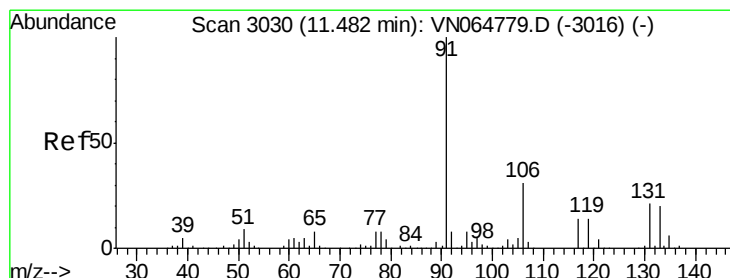
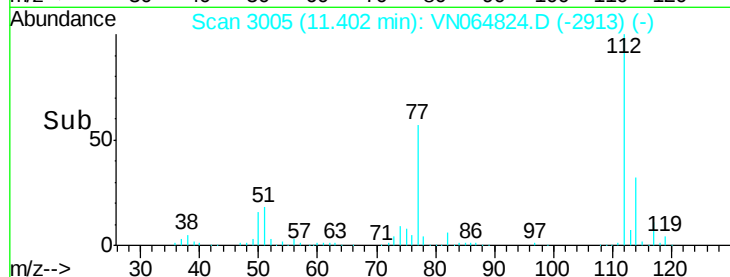
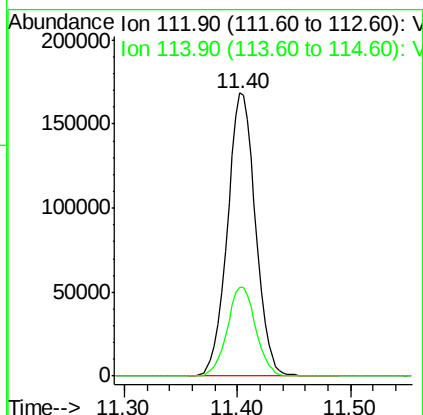
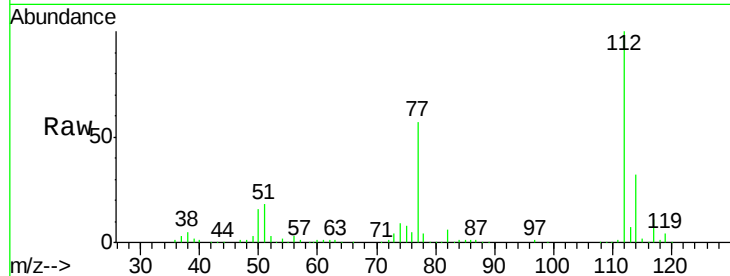
#65  
Chlorobenzene  
Concen: 49.048 ug/l  
RT: 11.40 min Scan# 3005  
Delta R.T. -0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 290781  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.1 37.7

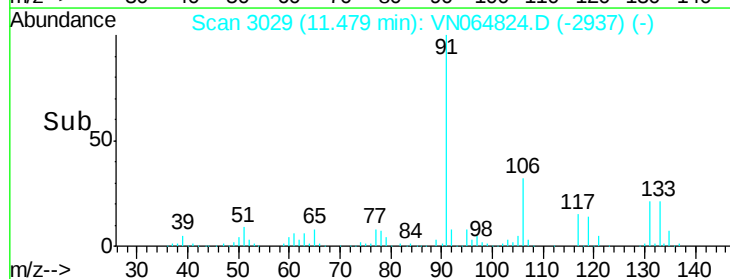
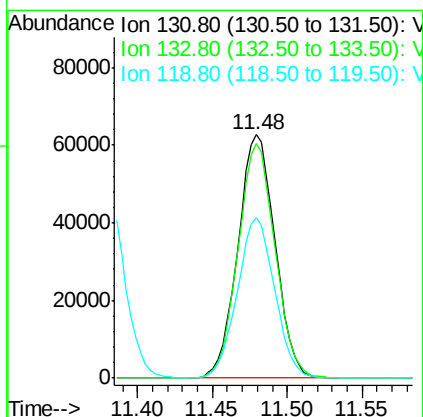
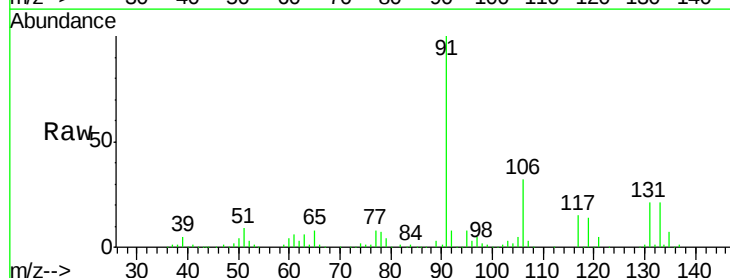
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11/25/2020 9:52:11 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.846 ug/l  
RT: 11.48 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Tgt Ion:131 Resp: 108602  
Ion Ratio Lower Upper  
131 100  
133 96.0 47.5 142.5  
119 66.1 33.3 99.8





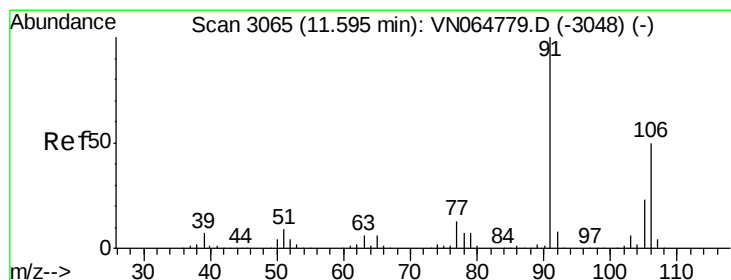
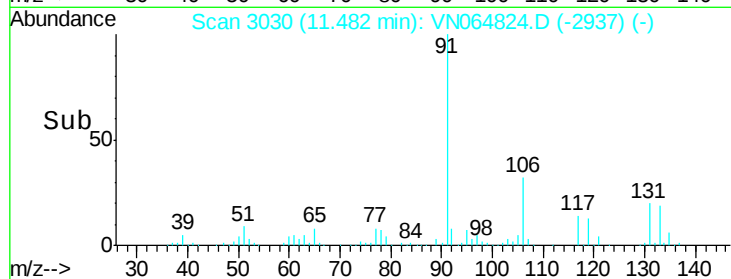
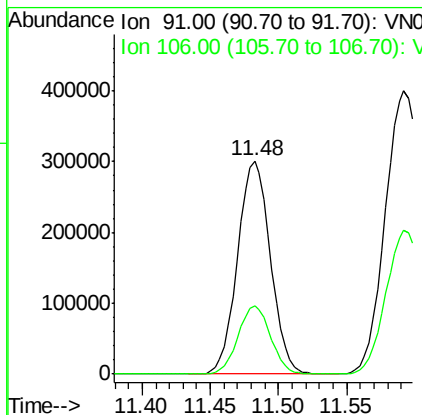
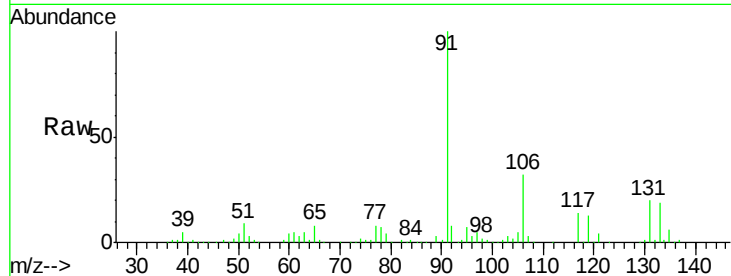
#67  
Ethyl Benzene  
Concen: 50.848 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 503602  
Ion Ratio Lower Upper  
91 100  
106 32.0 25.2 37.8

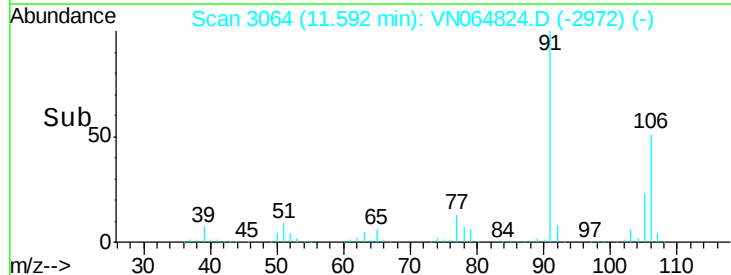
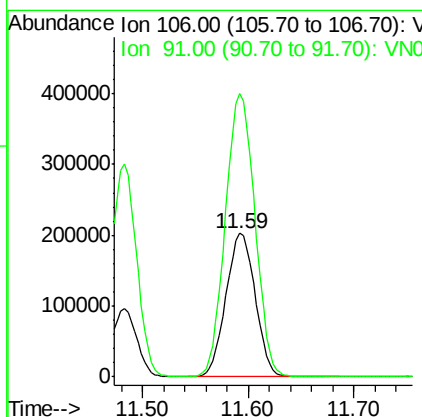
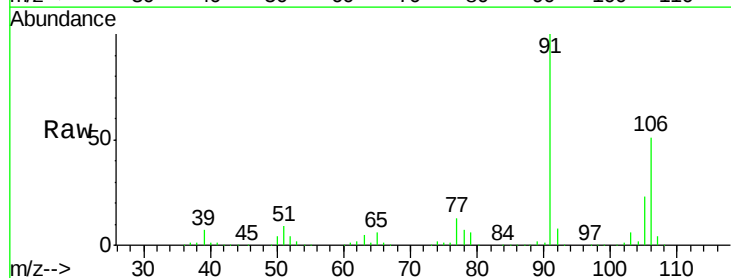
Manual Integrations  
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11/25/2020 9:52:11 AM



#68  
m/p-Xylenes  
Concen: 103.778 ug/l  
RT: 11.59 min Scan# 3064  
Delta R.T. -0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Tgt Ion: 106 Resp: 389140  
Ion Ratio Lower Upper  
106 100  
91 199.3 161.0 241.4





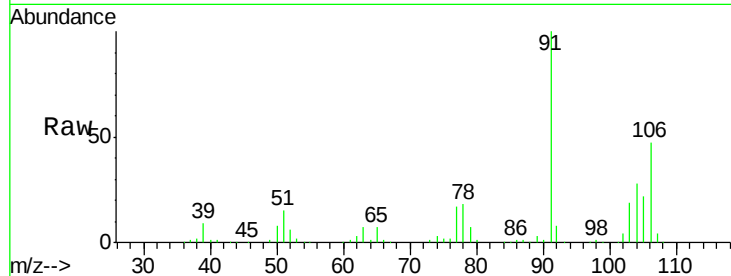
#69  
o-Xylene  
Concen: 51.999 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

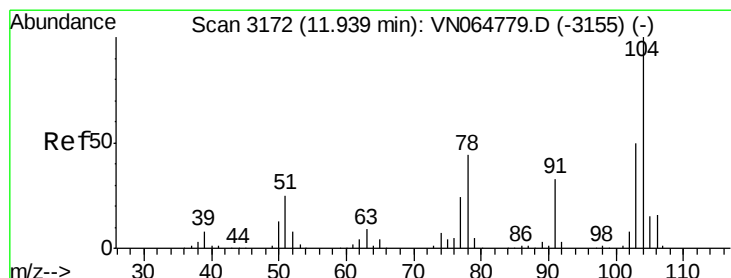
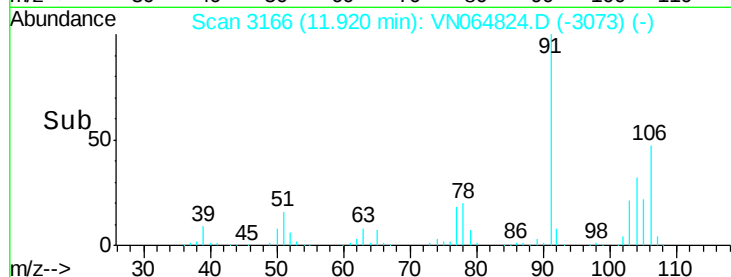
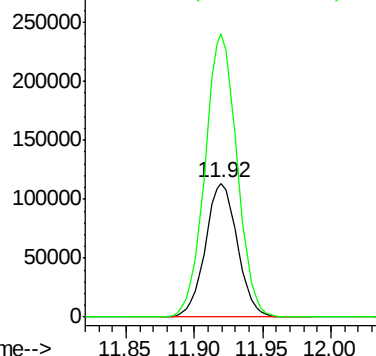
| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 185030 |       |       |
| 91      | 211.5 | 105.5 | 316.5  |       |       |

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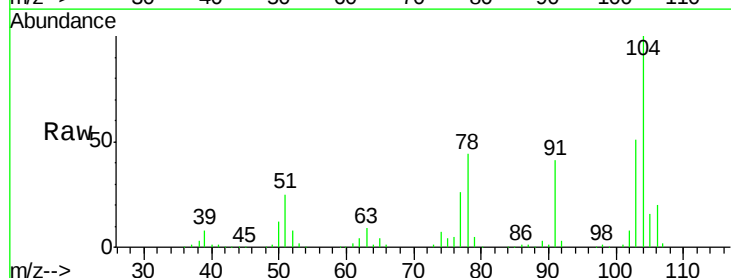


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

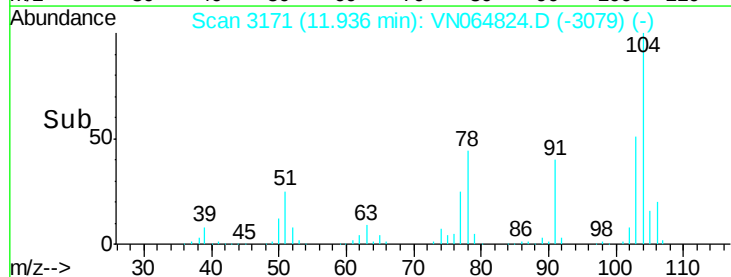
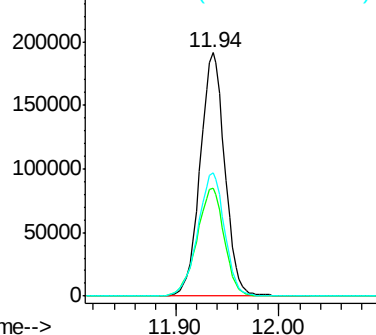


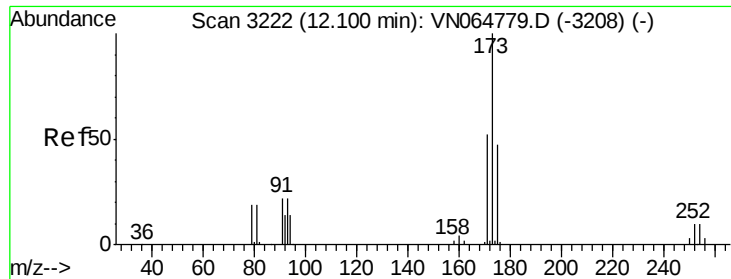
#70  
Styrene  
Concen: 53.080 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. -0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       | 318853 |       |       |
| 78      | 49.1 | 39.0  | 58.6   |       |       |
| 103     | 55.1 | 44.3  | 66.5   |       |       |



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VN  
Ion 103.00 (102.70 to 103.70): V





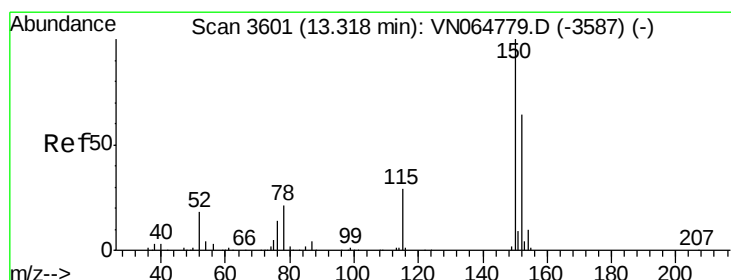
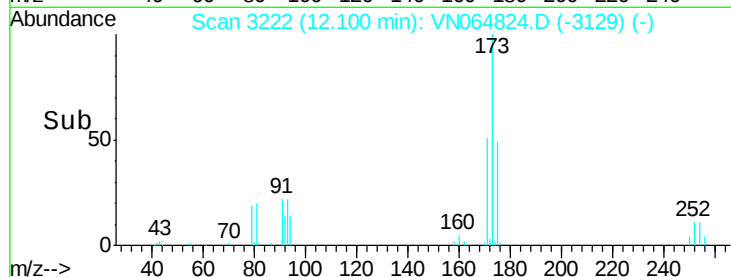
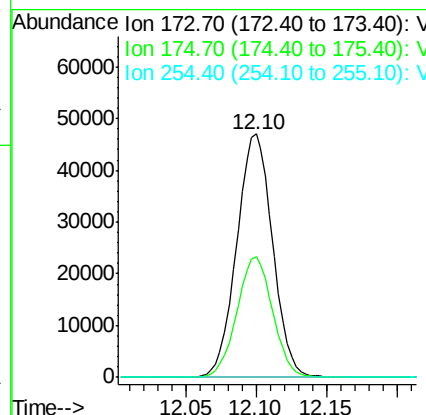
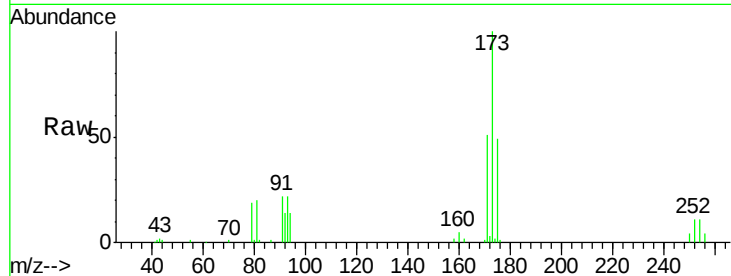
#71  
Bromoform  
Concen: 48.146 ug/l  
RT: 12.10 min Scan# 3222  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.1  | 24.3  | 72.8  |
| 254     | 0.0   | 0.0   | 0.0   |

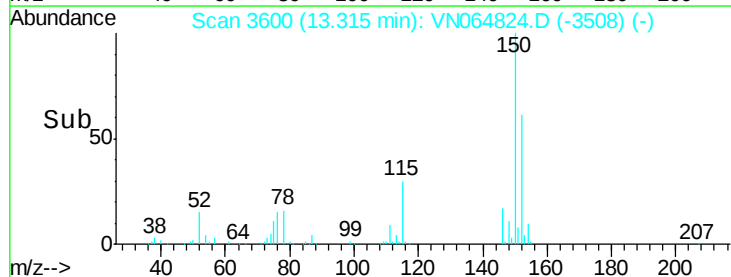
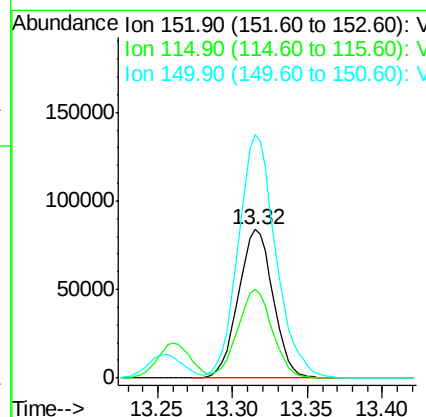
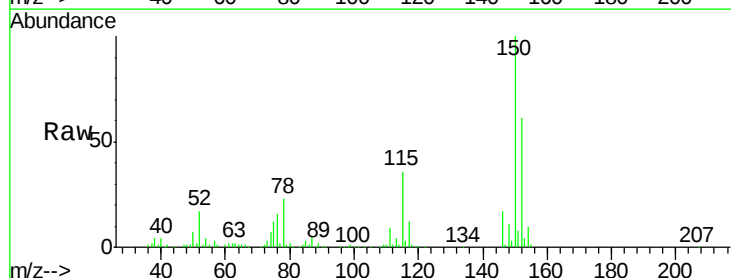
Manual Integrations  
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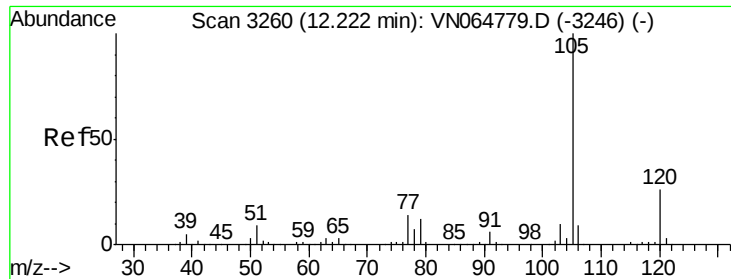
MMDadoda  
11/25/2020 9:52:11 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3600  
Delta R.T. -0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 59.4  | 29.7  | 89.1  |
| 150     | 176.2 | 0.0   | 350.6 |





#73

Isopropylbenzene

Concen: 52.586 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 497393

Ion Ratio Lower Upper

105 100

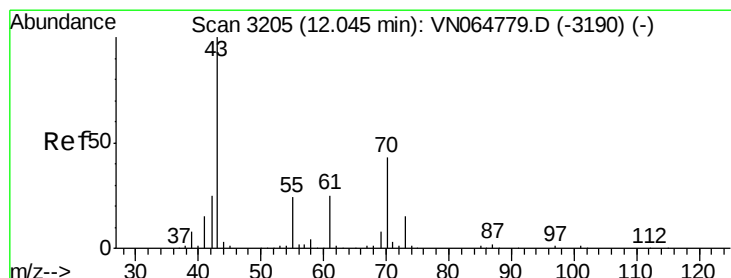
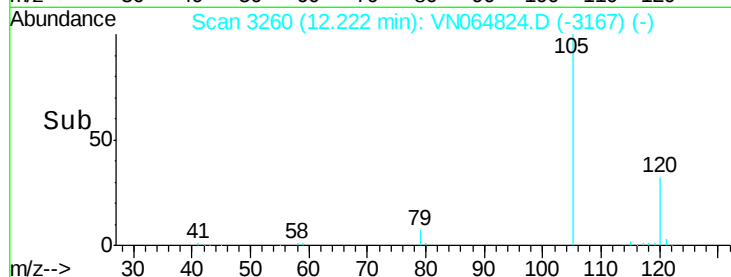
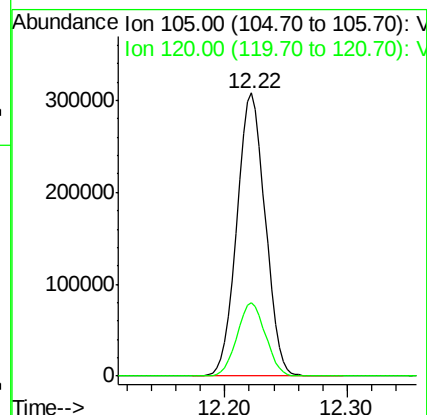
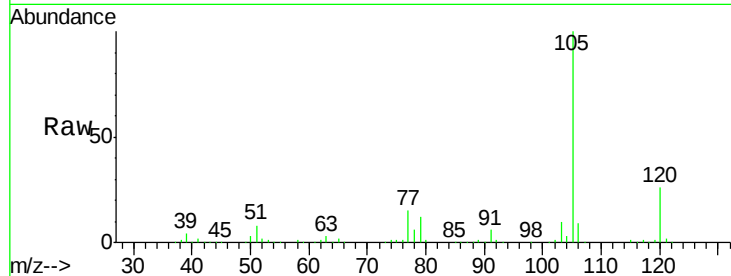
120 26.1 13.3 39.9

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#74

N-ethyl acetate

Concen: 50.827 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Tgt Ion: 43 Resp: 189194

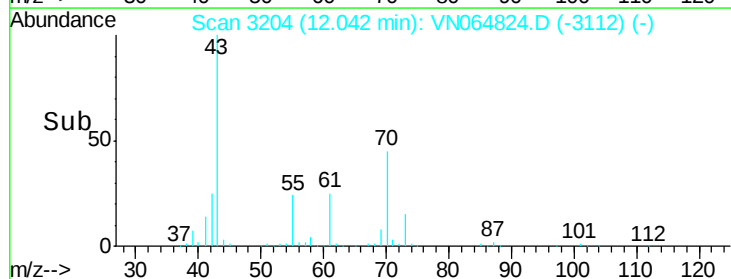
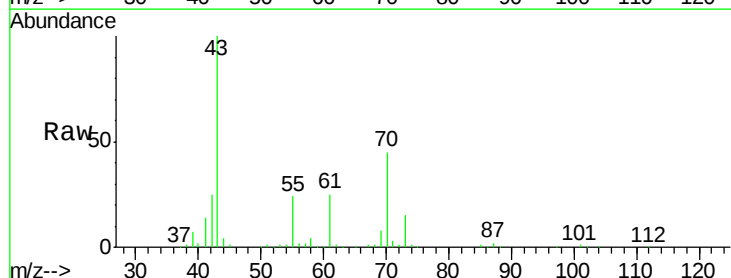
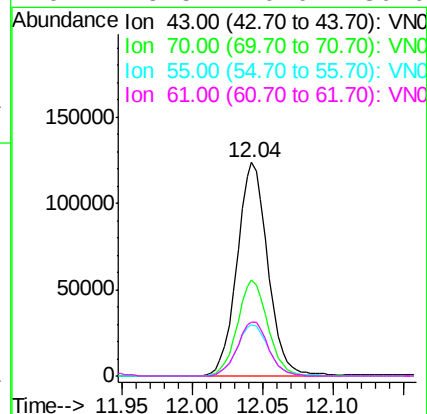
Ion Ratio Lower Upper

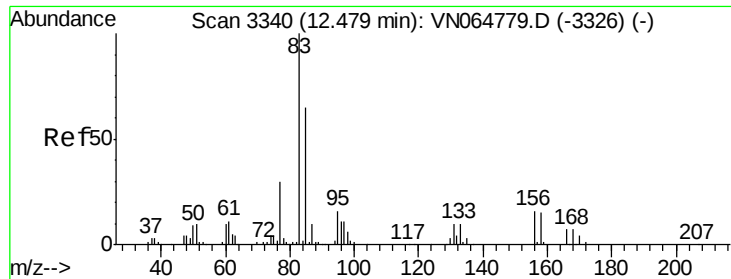
43 100

70 44.4 34.5 51.7

55 25.0 20.4 30.6

61 25.5 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.224 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA\_N

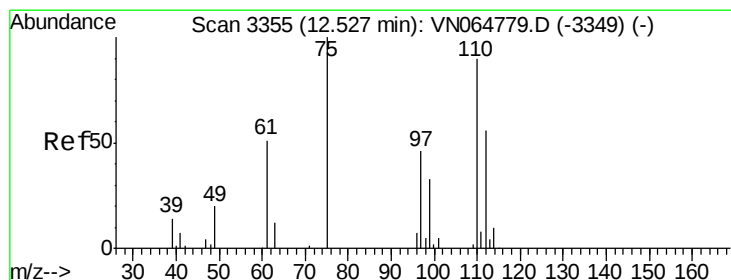
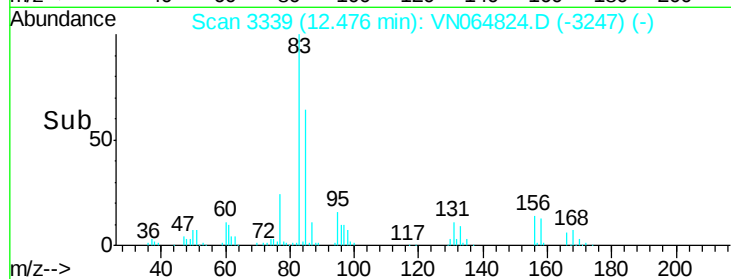
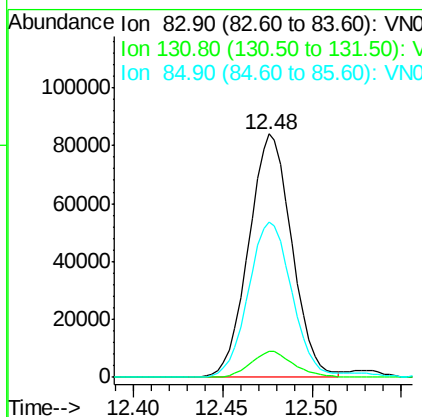
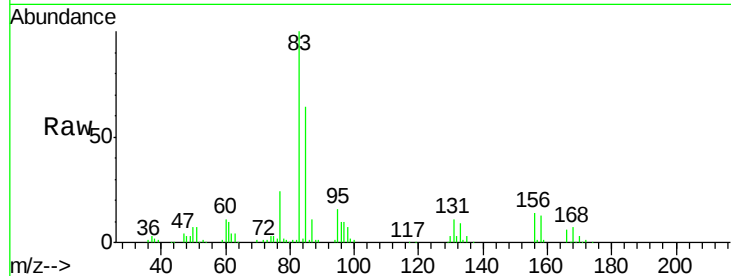
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 142011 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.7  | 5.1   | 15.3   |
| 85        | 64.6  | 33.0  | 99.0   |

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#76

1,2,3-Trichloropropane

Concen: 50.875 ug/l m

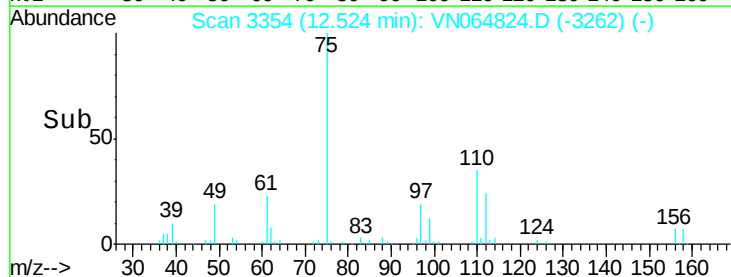
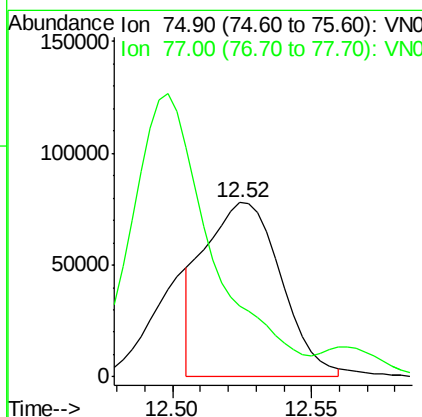
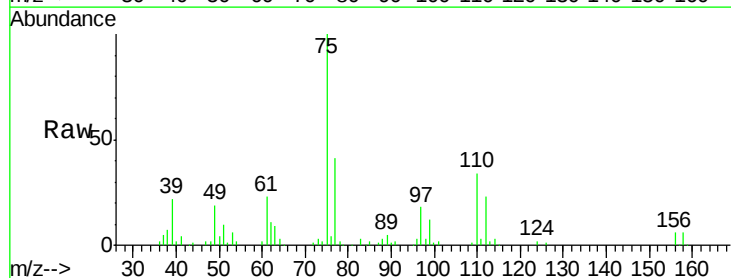
RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 148989 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |





#77

Bromobenzene

Concen: 49.448 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 126094

Ion Ratio Lower Upper

156 100

77 203.2 101.3 303.7

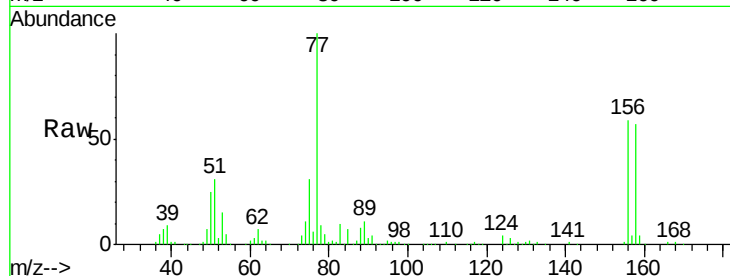
158 96.1 48.2 144.6

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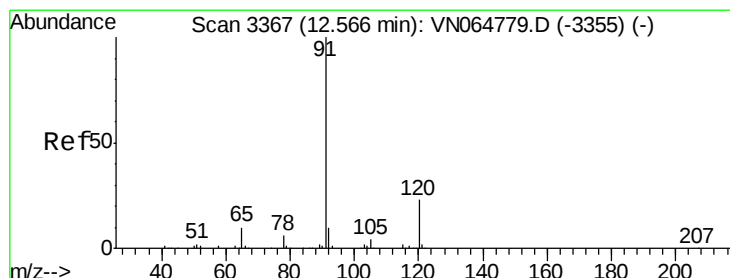
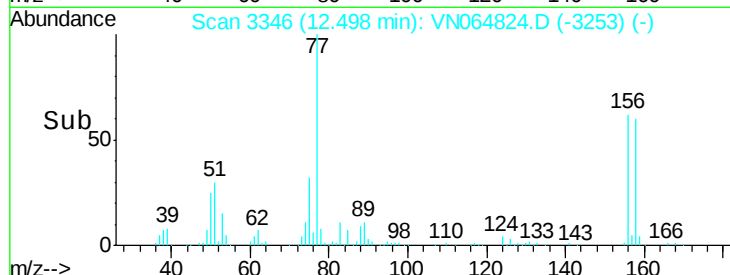
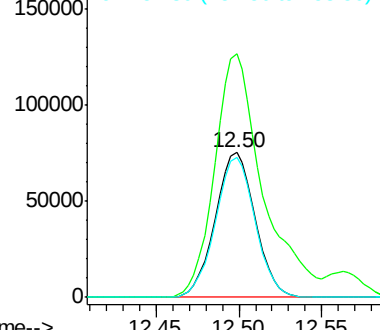
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.893 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064824.D

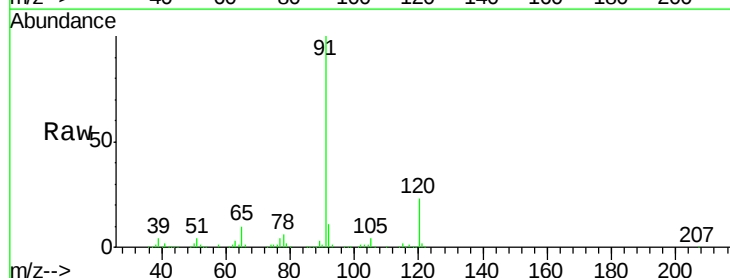
Acq: 24 Nov 2020 21:05

Tgt Ion: 91 Resp: 559167

Ion Ratio Lower Upper

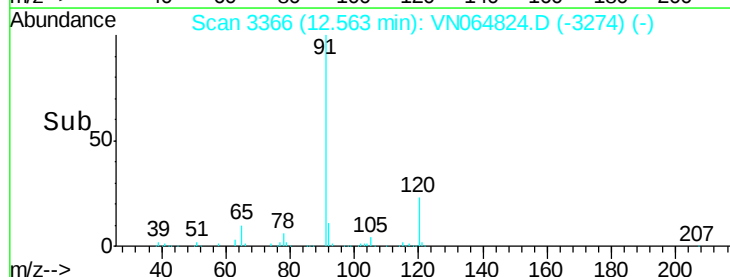
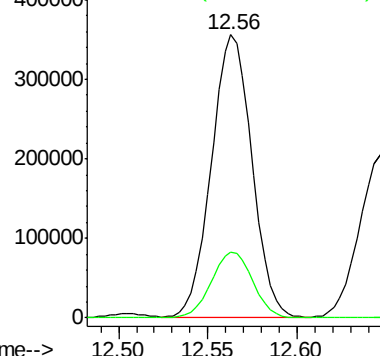
91 100

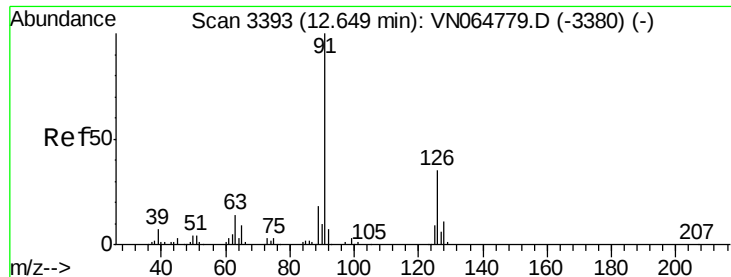
120 23.7 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.917 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 332481

Ion Ratio Lower Upper

91 100

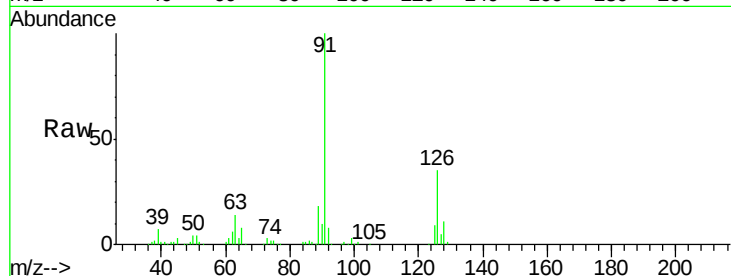
126 34.9 17.2 51.6

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Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3380) (-)

250000

200000

150000

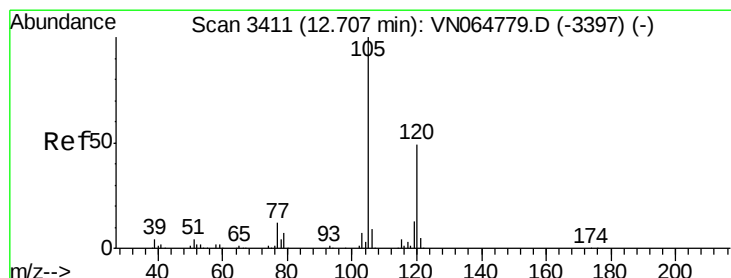
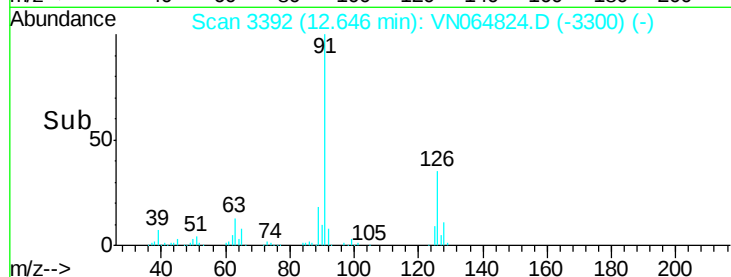
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.079 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064824.D

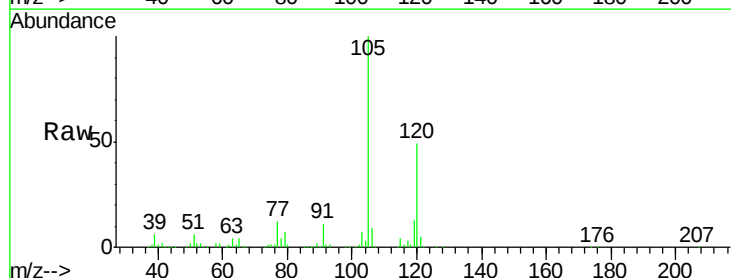
Acq: 24 Nov 2020 21:05

Tgt Ion: 105 Resp: 425166

Ion Ratio Lower Upper

105 100

120 49.0 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)

300000

250000

200000

150000

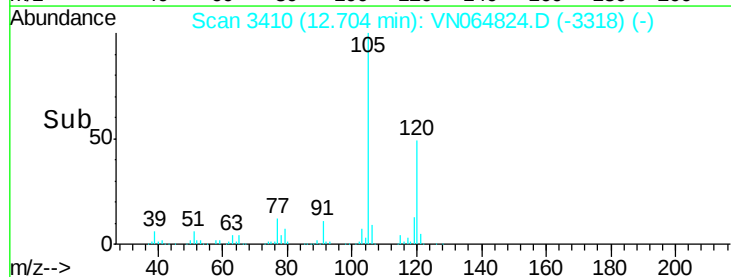
100000

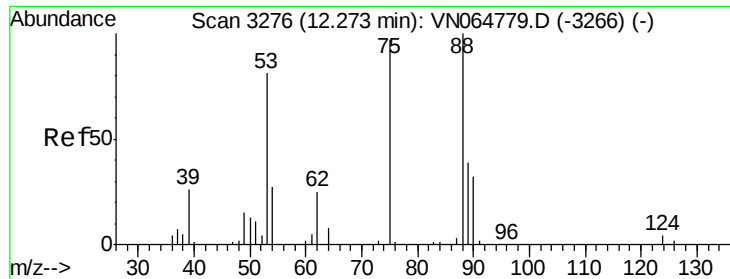
50000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 45.781 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

Instrument :

MSVOA\_N

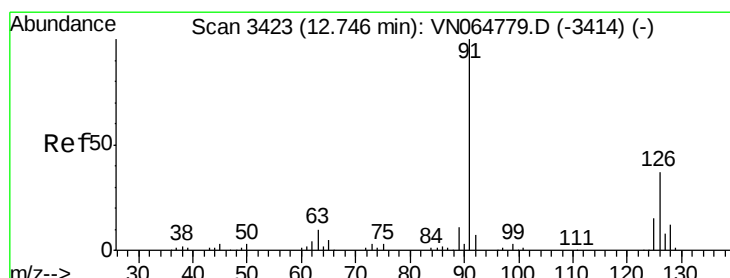
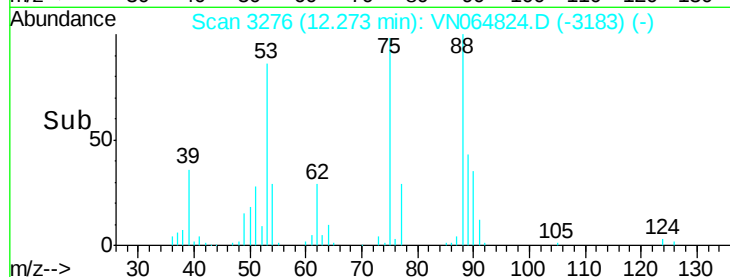
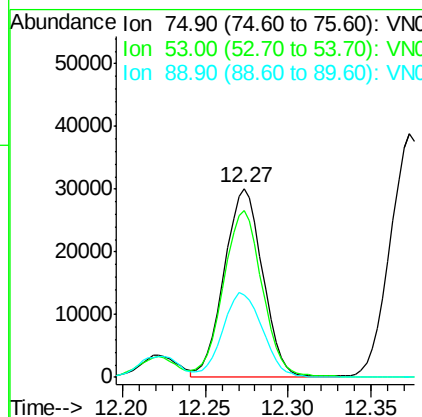
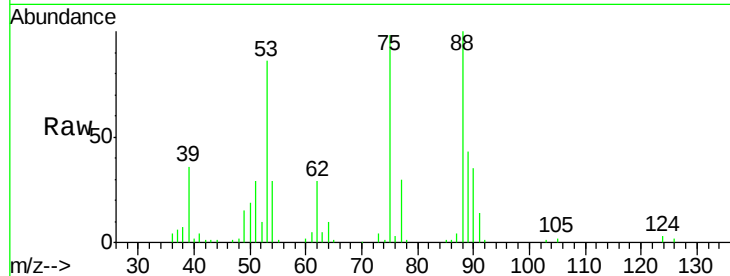
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 48917 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 89.3  | 67.0  | 100.4 |
| 89        | 46.2  | 39.6  | 59.4  |

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#82

4-Chlorotoluene

Concen: 49.566 ug/l

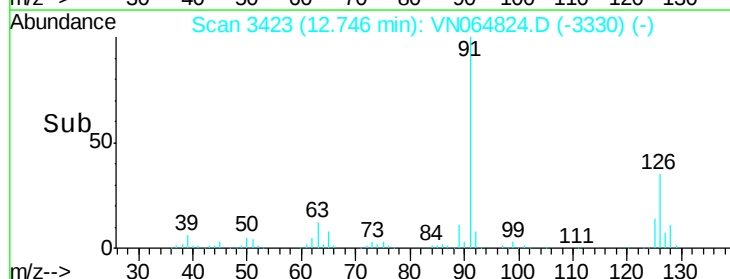
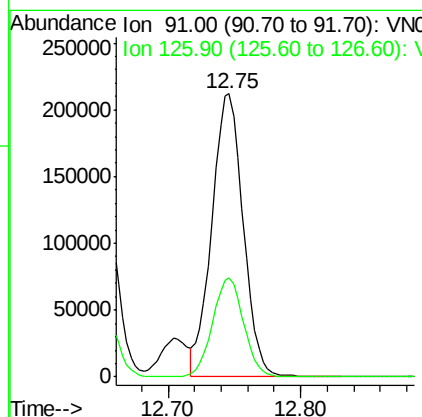
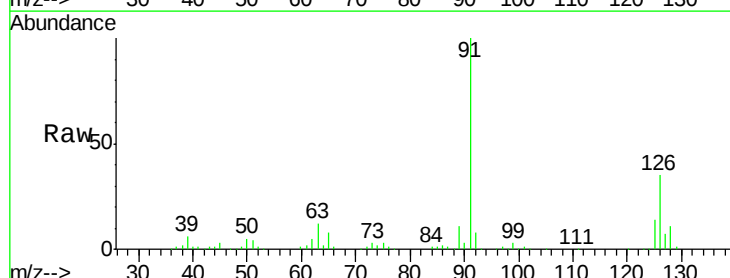
RT: 12.75 min Scan# 3423

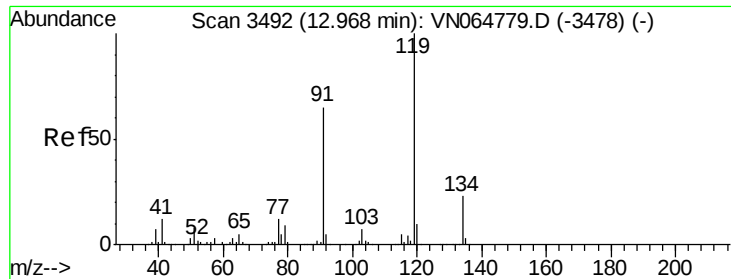
Delta R.T. 0.00 min

Lab File: VN064824.D

Acq: 24 Nov 2020 21:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 346050 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 34.8  | 16.9  | 50.7   |





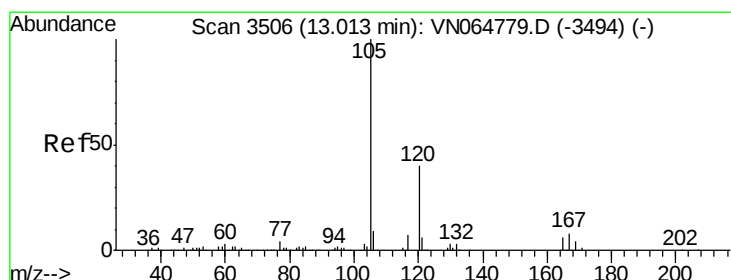
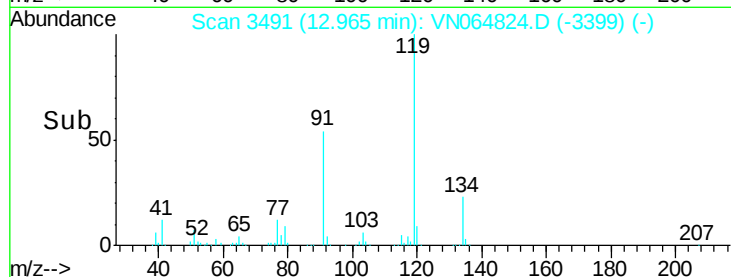
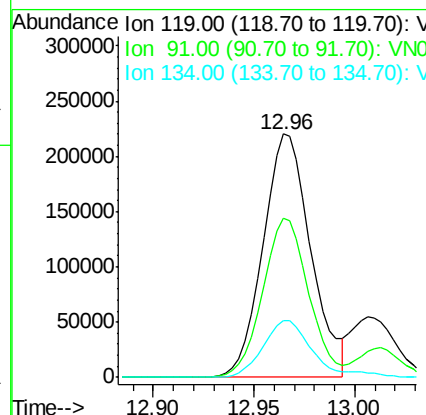
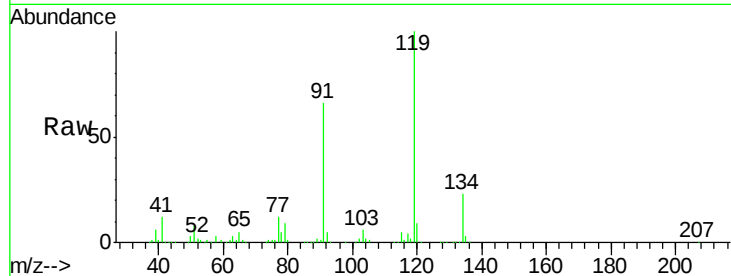
#83  
 tert-Butylbenzene  
 Concen: 55.169 ug/l  
 RT: 12.96 min Scan# 3491  
 Delta R.T. -0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 363555 |       |       |
| 91      | 62.8  |        | 32.3  | 96.8  |
| 134     | 24.4  |        | 12.6  | 37.6  |

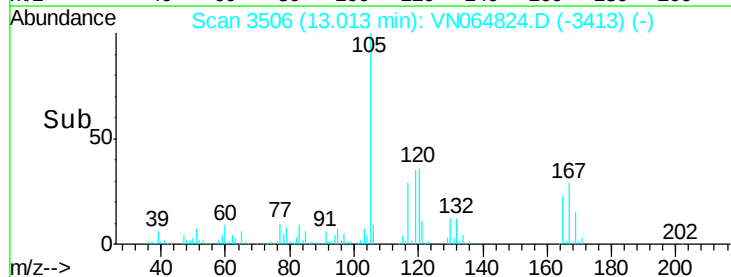
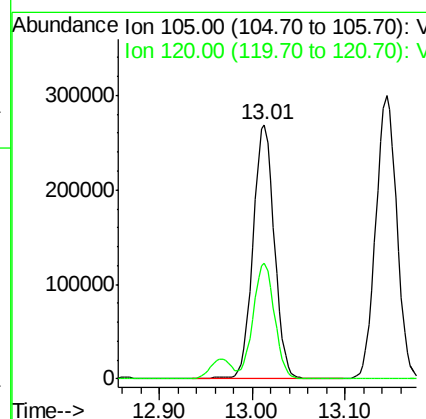
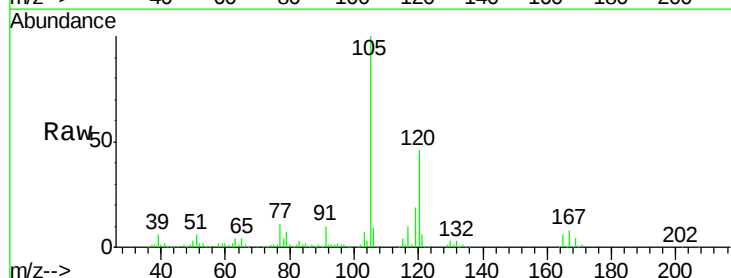
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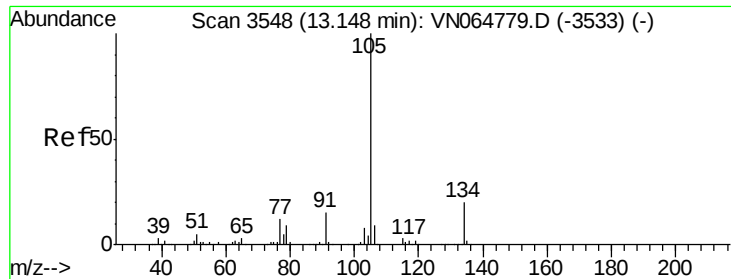
MMDadoda  
 11/25/2020 9:52:11 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 53.897 ug/l  
 RT: 13.01 min Scan# 3506  
 Delta R.T. 0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 428424 |       |       |
| 120     | 45.9  |        | 23.1  | 69.2  |





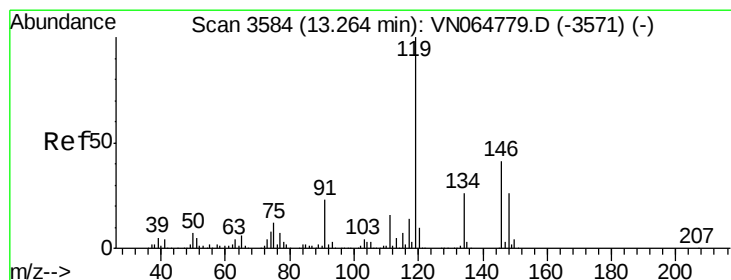
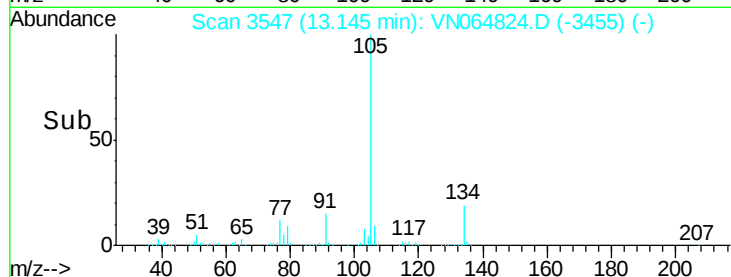
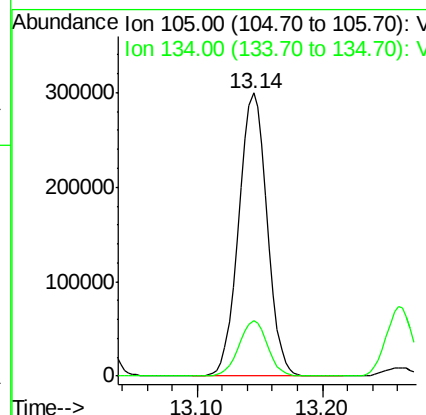
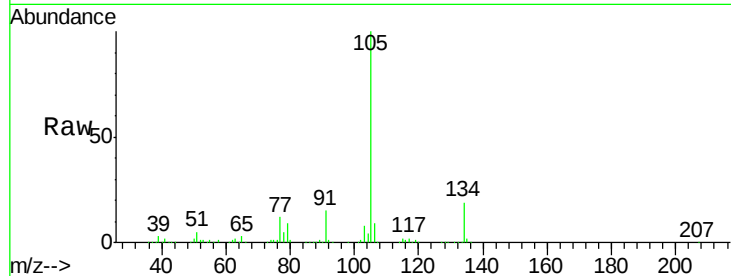
#85  
 sec-Butylbenzene  
 Concen: 53.812 ug/l  
 RT: 13.14 min Scan# 3547  
 Delta R.T. -0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 19.7  | 10.1  | 30.1  |

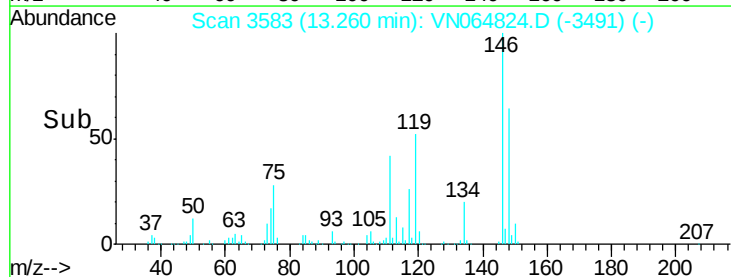
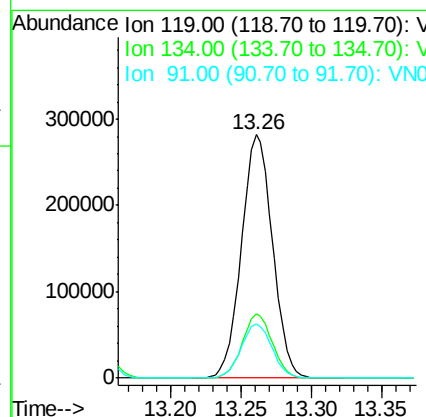
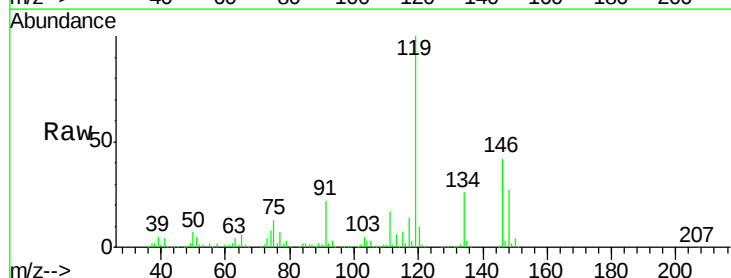
Manual Integrations  
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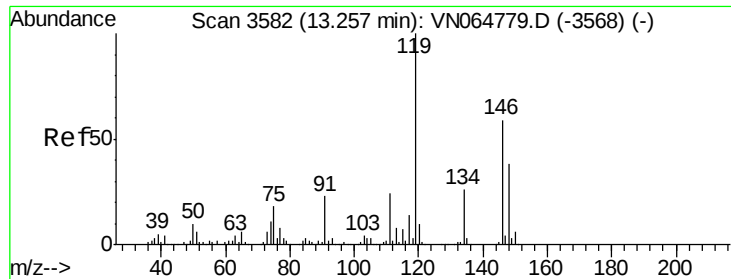
MMDadoda  
 11/25/2020 9:52:11 AM



#86  
 p-Isopropyltoluene  
 Concen: 54.428 ug/l  
 RT: 13.26 min Scan# 3583  
 Delta R.T. -0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 25.8  | 13.1  | 39.1  |
| 91      | 22.4  | 11.5  | 34.5  |





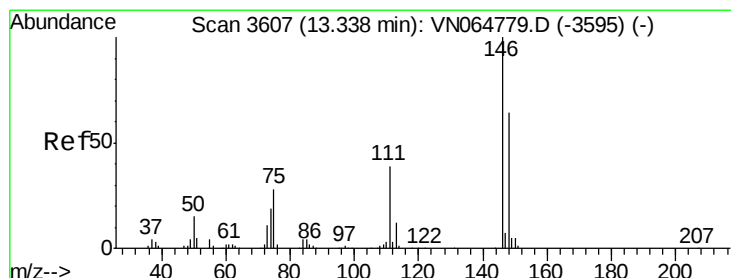
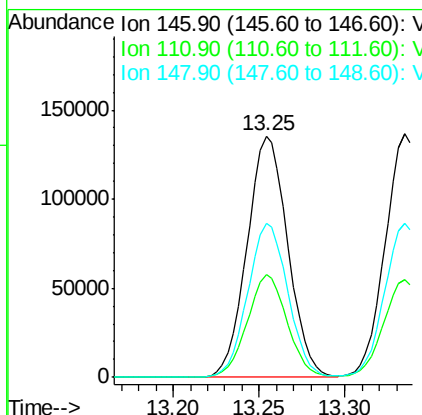
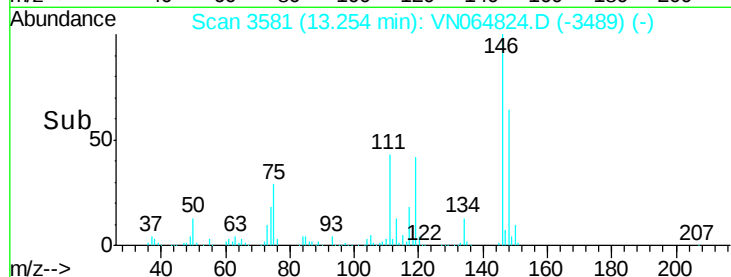
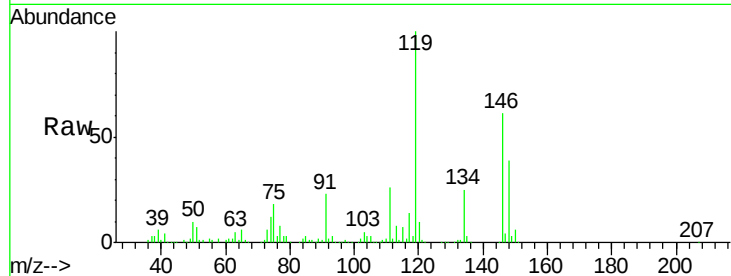
#87  
 1,3-Dichlorobenzene  
 Concen: 49.191 ug/l  
 RT: 13.25 min Scan# 3581  
 Delta R.T. -0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.6  | 20.6  | 61.9  |
| 148     | 62.9  | 31.9  | 95.5  |

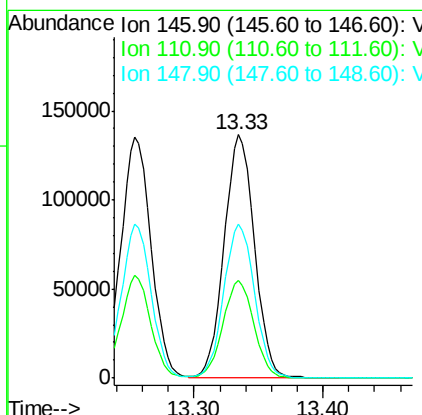
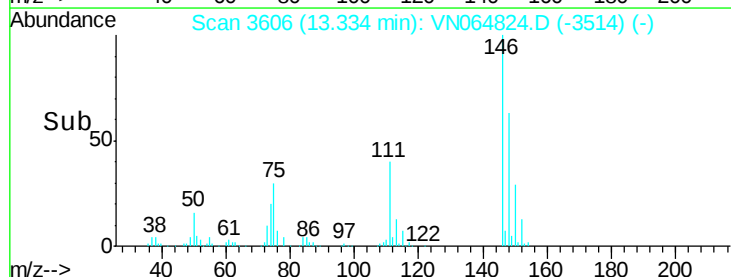
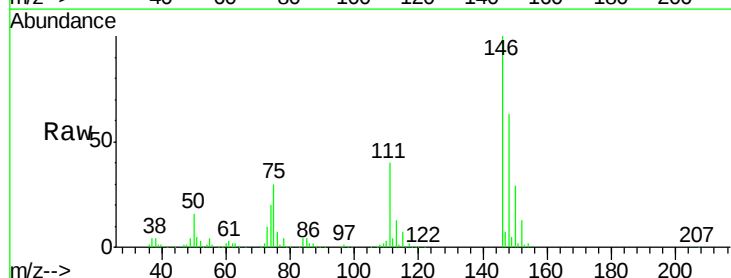
Manual Integrations  
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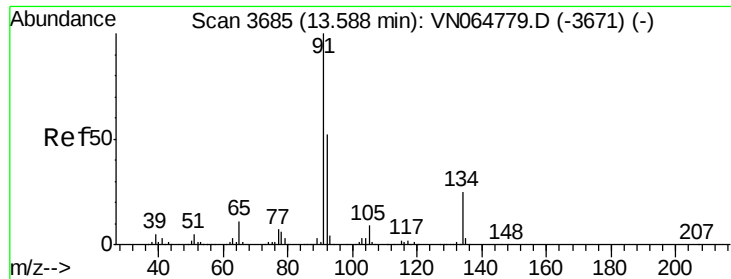
MMDadoda  
 11/25/2020 9:52:11 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 46.433 ug/l  
 RT: 13.33 min Scan# 3606  
 Delta R.T. -0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 19.8  | 59.3  |
| 148     | 64.4  | 31.9  | 95.5  |





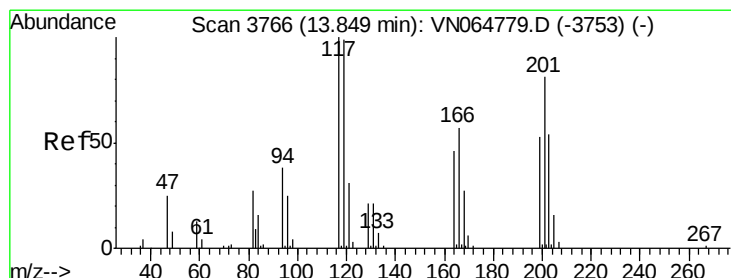
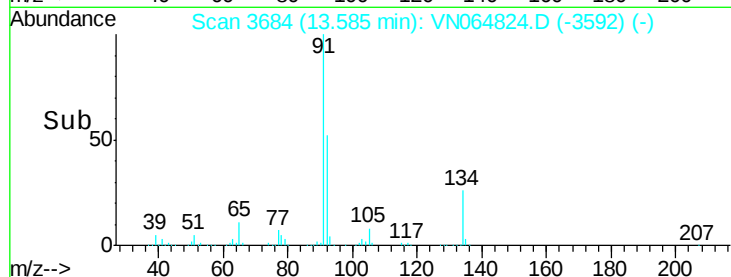
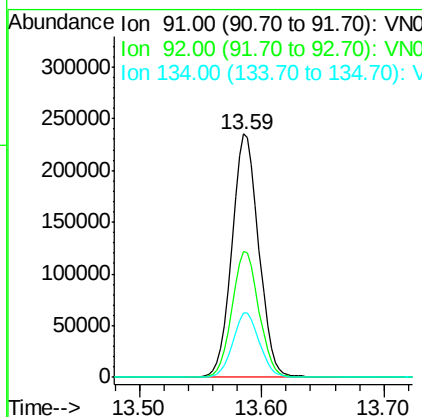
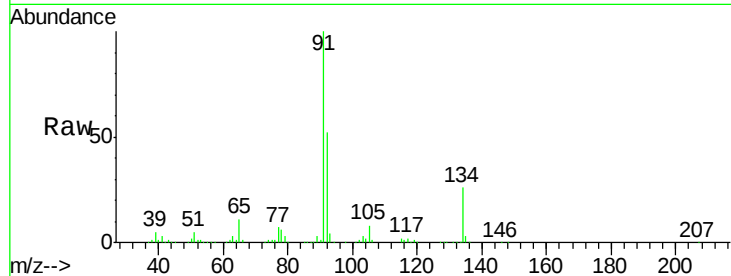
#89  
n-Butylbenzene  
Concen: 51.432 ug/l  
RT: 13.59 min Scan# 3684  
Delta R.T. -0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.0  | 26.0  | 78.0  |
| 134     | 26.4  | 12.9  | 38.6  |

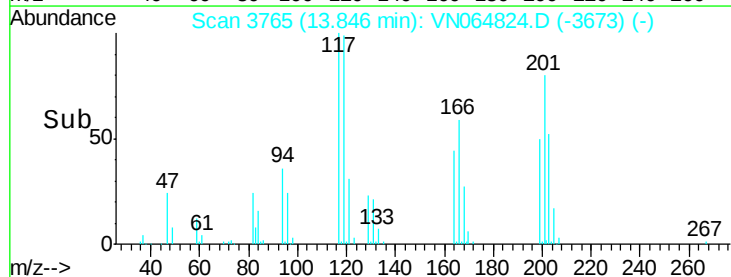
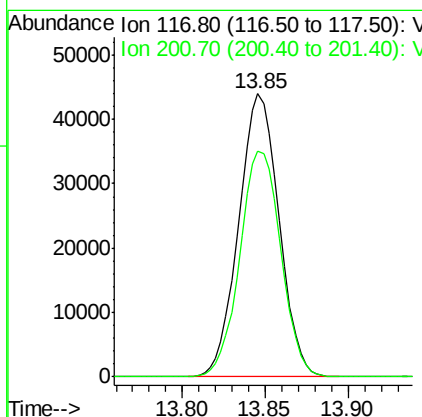
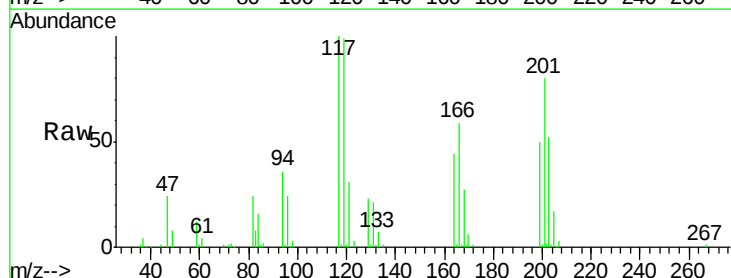
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11/25/2020 9:52:11 AM



#90  
Hexachloroethane  
Concen: 53.686 ug/l  
RT: 13.85 min Scan# 3765  
Delta R.T. -0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 81.2  | 40.1  | 120.3 |





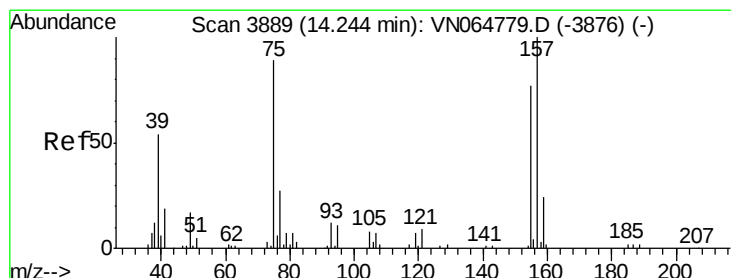
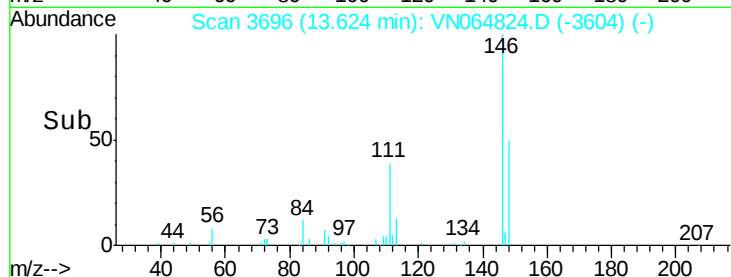
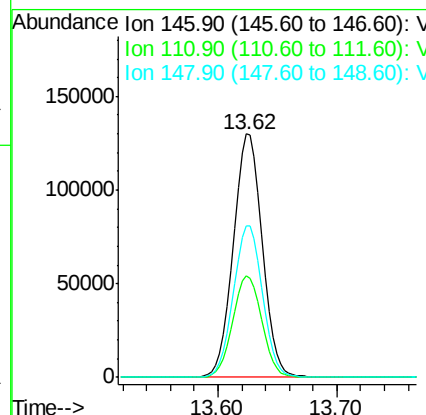
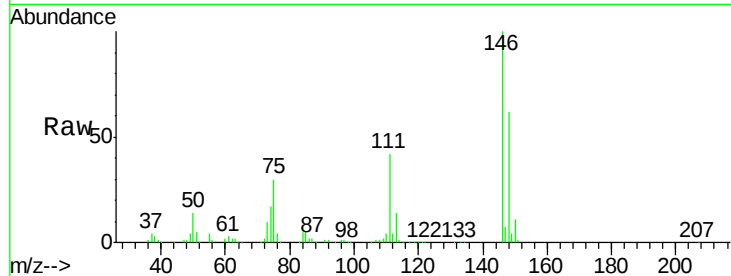
#91  
 1,2-Dichlorobenzene  
 Concen: 49.300 ug/l  
 RT: 13.62 min Scan# 3696  
 Delta R.T. -0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.9  | 21.1  | 63.1  |
| 148     | 62.8  | 32.0  | 96.2  |

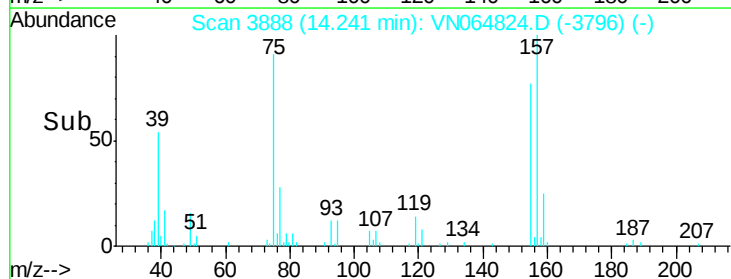
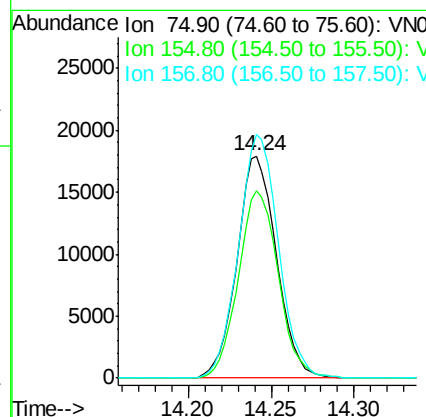
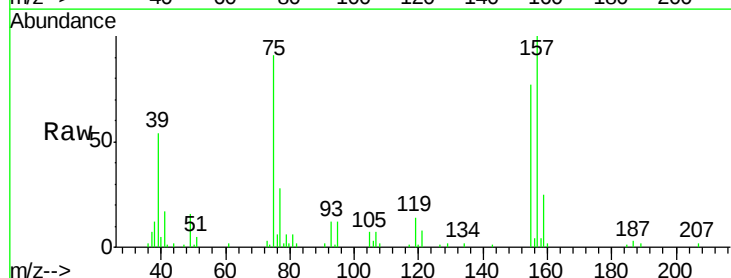
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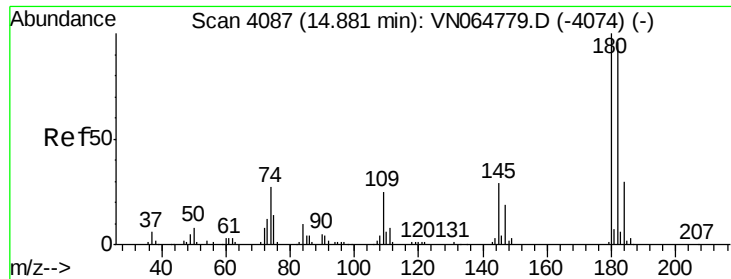
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 11/25/2020 9:52:11 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 47.687 ug/l  
 RT: 14.24 min Scan# 3888  
 Delta R.T. -0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 85.2  | 42.8  | 128.3 |
| 157     | 110.9 | 56.4  | 169.1 |





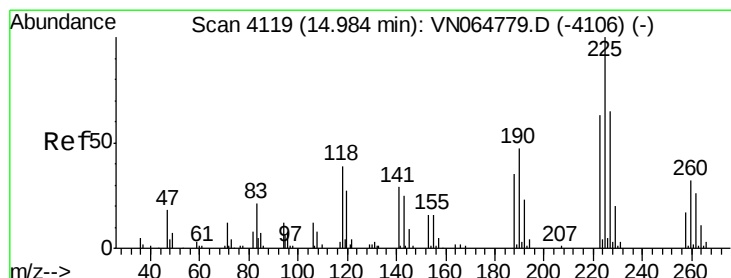
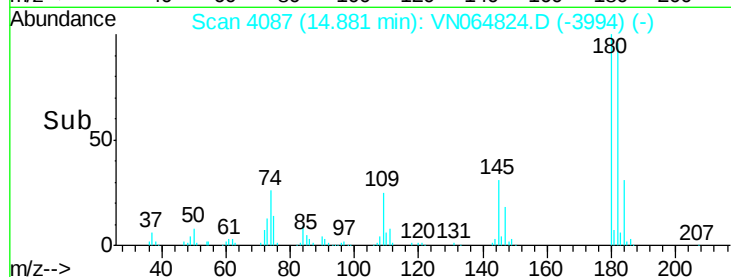
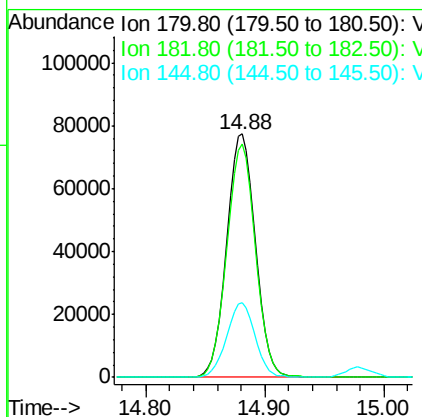
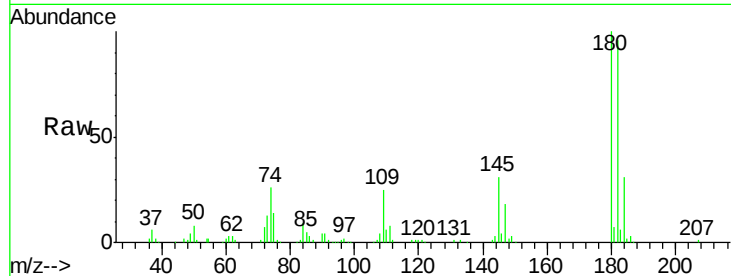
#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.036 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 129437 |       |       |
| 182     | 95.3  | 47.6   | 142.9 |       |
| 145     | 30.4  | 15.3   | 45.8  |       |

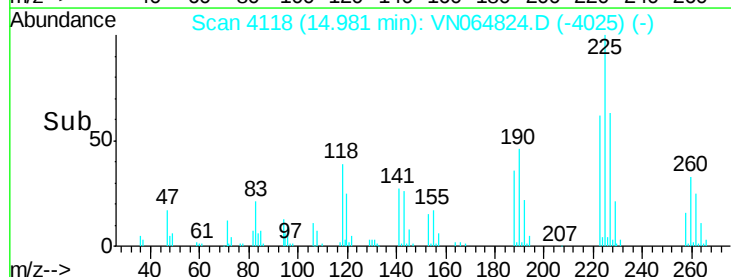
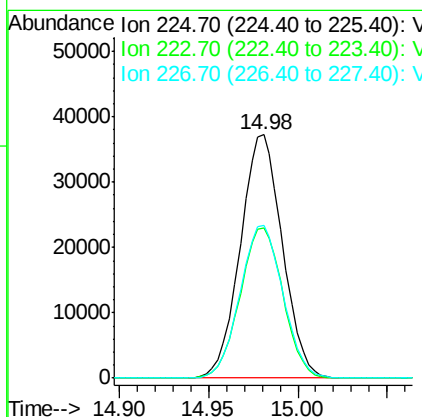
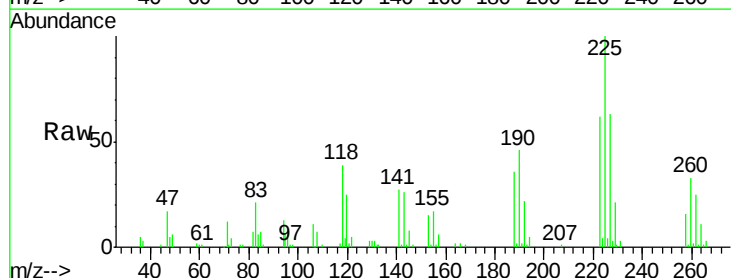
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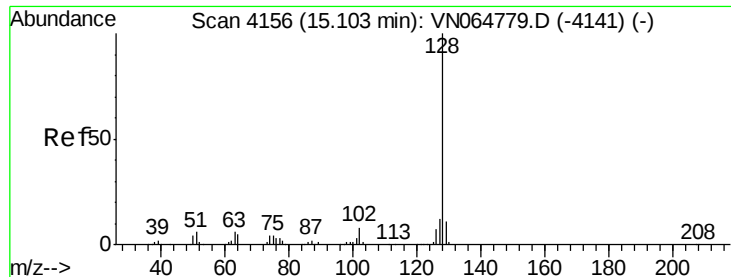
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 11/25/2020 9:52:11 AM



#94  
 Hexachlorobutadiene  
 Concen: 49.528 ug/l  
 RT: 14.98 min Scan# 4118  
 Delta R.T. -0.00 min  
 Lab File: VN064824.D  
 Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 61371 |       |       |
| 223     | 62.9  | 31.0  | 93.0  |       |
| 227     | 64.0  | 32.0  | 96.0  |       |





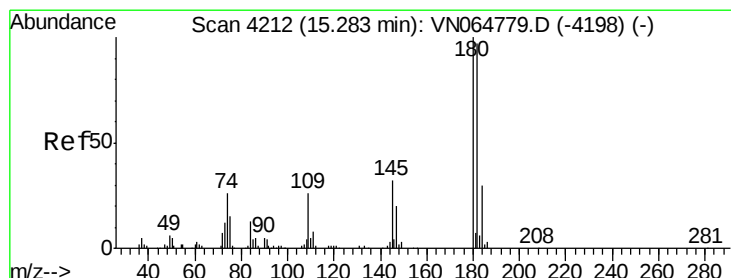
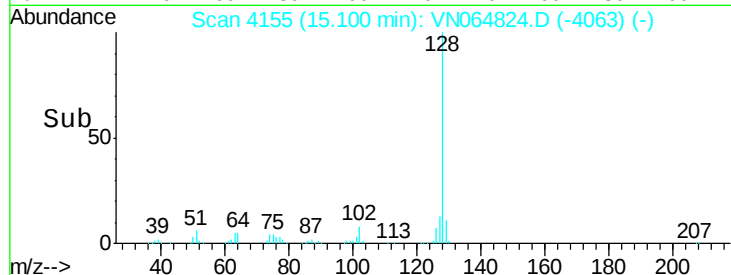
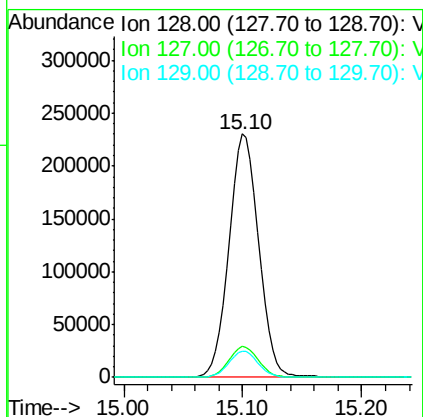
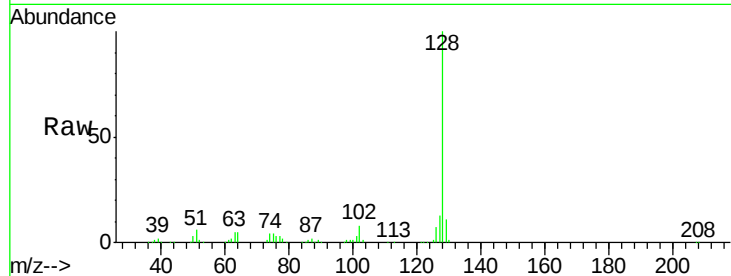
#95  
Naphthalene  
Concen: 48.377 ug/l  
RT: 15.10 min Scan# 4156  
Delta R.T. -0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.6  | 10.3  | 15.5  |
| 129     | 10.6  | 8.7   | 13.1  |

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11/25/2020 9:52:11 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 48.018 ug/l  
RT: 15.28 min Scan# 4212  
Delta R.T. 0.00 min  
Lab File: VN064824.D  
Acq: 24 Nov 2020 21:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.7  | 48.1  | 144.4 |
| 145     | 32.5  | 16.4  | 49.1  |

