

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052219\  
 Data File : VN055726.D  
 Acq On : 22 May 2019 18:12  
 Operator : JC/SP  
 Sample : VSTDICC100  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Manual Integrations  
 APPROVED

MMDadoda  
 5/23/2019 12:31:21 PM

Quant Time: May 23 05:57:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu May 23 05:31:08 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 7.19  | 128  | 57855    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.59  | 114  | 319883   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.41 | 117  | 286900   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 8.03   | 65    | 113096   | 25.65    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 85.50%  |
| 60) 4-Bromofluorobenzene  | 12.40  | 95    | 138662   | 31.29    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 104.30% |
| 63) Toluene-d8            | 10.09  | 98    | 386057   | 28.51    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 95.03%  |

## Target Compounds

|                               |      |     |         |               | Ovalue |
|-------------------------------|------|-----|---------|---------------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 235783  | 77.685 ug/l   | 97     |
| 3) Chloromethane              | 2.06 | 50  | 341300  | 79.544 ug/l   | 98     |
| 4) Vinyl Chloride             | 2.18 | 62  | 351546  | 96.999 ug/l   | 100    |
| 5) Bromomethane               | 2.53 | 94  | 214850  | 104.029 ug/l  | 100    |
| 6) Chloroethane               | 2.68 | 64  | 198319  | 96.670 ug/l   | 94     |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 443301  | 85.869 ug/l   | 98     |
| 8) Diethyl Ether              | 3.40 | 74  | 195272  | 91.097 ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 281392  | 85.707 ug/l   | 99     |
| 10) 1,1-Dichloroethene        | 3.72 | 96  | 293582  | 93.809 ug/l   | 99     |
| 11) Methyl Iodide             | 3.94 | 142 | 446246  | 92.319 ug/l   | 99     |
| 12) Methyl Acetate            | 4.33 | 43  | 334224  | 76.437 ug/l   | 99     |
| 13) Acrolein                  | 3.60 | 56  | 237253  | 895.433 ug/l  | 99     |
| 14) Acrylonitrile             | 4.99 | 53  | 817749  | 500.934 ug/l  | 100    |
| 15) Acetone                   | 3.82 | 58  | 240882  | 574.625 ug/l  | 99     |
| 16) Carbon Disulfide          | 4.04 | 76  | 848566  | 97.901 ug/l   | 99     |
| 17) Allyl chloride            | 4.31 | 41  | 530596  | 80.680 ug/l   | 98     |
| 18) Methylene Chloride        | 4.54 | 84  | 336303  | 88.259 ug/l   | 98     |
| 19) trans-1,2-Dichloroethene  | 5.03 | 96  | 314228  | 92.419 ug/l   | 97     |
| 20) Diisopropyl ether         | 5.96 | 45  | 1032040 | 78.809 ug/l   | 94     |
| 21) 1,1-Dichloroethane        | 5.84 | 63  | 583269  | 84.144 ug/l   | 99     |
| 22) cis-1,2-Dichloroethene    | 6.83 | 96  | 372617  | 94.014 ug/l   | 98     |
| 23) tert-Butyl Alcohol        | 4.81 | 59  | 350545m | 772.401 ug/l  |        |
| 24) Methyl tert-Butyl Ether   | 5.05 | 73  | 1000748 | 97.131 ug/l   | 99     |
| 25) Chloroform                | 7.37 | 83  | 573012  | 87.207 ug/l   | 100    |
| 26) Cyclohexane               | 7.65 | 56  | 542369  | 88.552 ug/l # | 99     |
| 29) 1,1-Dichloropropene       | 7.79 | 75  | 441878  | 89.090 ug/l   | 99     |
| 30) 2-Butanone                | 6.84 | 43  | 1127787 | 532.316 ug/l  | 100    |
| 31) 2,2-Dichloropropane       | 6.82 | 77  | 488226  | 99.479 ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 512456  | 91.870 ug/l   | 99     |
| 33) Carbon Tetrachloride      | 7.77 | 117 | 459425  | 96.805 ug/l   | 99     |
| 34) Benzene                   | 8.04 | 78  | 1351897 | 90.657 ug/l # | 92     |
| 35) Methacrylonitrile         | 7.18 | 41  | 218390  | 96.428 ug/l   | 98     |
| 36) 1,2-Dichloroethane        | 8.12 | 62  | 440400  | 84.244 ug/l   | 100    |
| 37) Trichloroethene           | 8.83 | 130 | 377139  | 98.209 ug/l   | 100    |
| 38) Methylcyclohexane         | 9.08 | 83  | 555946  | 101.459 ug/l  | 98     |
| 39) 1,2-Dichloropropane       | 9.12 | 63  | 361989  | 85.983 ug/l   | 98     |
| 40) Dibromomethane            | 9.21 | 93  | 232127  | 93.792 ug/l   | 97     |

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Manual Integrations  
 APPROVED

MMDadoda  
 5/23/2019 12:31:21 PM

Quant Time: May 23 05:57:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu May 23 05:31:08 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 41) Bromodichloromethane       | 9.40  | 83   | 476158   | 93.267   | ug/l   | 100      |
| 42) Vinyl Acetate              | 5.90  | 43   | 4469170  | 456.360  | ug/l   | 100      |
| 43) Ethyl Acetate              | 6.93  | 43   | 442754   | 101.311  | ug/l # | 100      |
| 44) Isopropyl Acetate          | 8.17  | 43   | 757682   | 97.378   | ug/l # | 88       |
| 45) 1,4-Dioxane                | 9.20  | 88   | 139408   | 2990.868 | ug/l   | 95       |
| 46) Methyl methacrylate        | 9.20  | 41   | 361051   | 98.310   | ug/l   | 99       |
| 47) n-amyl Acetate             | 12.07 | 43   | 644209   | 110.610  | ug/l   | 98       |
| 48) t-1,3-Dichloropropene      | 10.38 | 75   | 545267   | 105.714  | ug/l   | 100      |
| 49) cis-1,3-Dichloropropene    | 9.84  | 75   | 591205   | 100.178  | ug/l   | 98       |
| 50) 1,1,2-Trichloroethane      | 10.56 | 97   | 340709   | 99.180   | ug/l   | 99       |
| 51) Ethyl methacrylate         | 10.43 | 69   | 560108   | 113.918  | ug/l   | 99       |
| 52) 1,3-Dichloropropane        | 10.71 | 76   | 565591   | 93.790   | ug/l   | 99       |
| 53) Dibromochloromethane       | 10.90 | 129  | 411730   | 112.039  | ug/l   | 99       |
| 54) 1,2-Dibromoethane          | 11.01 | 107  | 357837   | 105.218  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether  | 9.70  | 63   | 1100654  | 697.921  | ug/l   | 100      |
| 56) Bromoform                  | 12.13 | 173  | 338918   | 132.838  | ug/l   | 99       |
| 58) 4-Methyl-2-Pentanone       | 9.99  | 43   | 2234381  | 490.831  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 1613730  | 541.168  | ug/l   | 100      |
| 61) Tetrachloroethene          | 10.63 | 164  | 368490   | 98.460   | ug/l   | 98       |
| 62) Toluene                    | 10.16 | 91   | 1491425  | 92.579   | ug/l   | 99       |
| 64) Chlorobenzene              | 11.43 | 112  | 919234   | 95.830   | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 363556   | 99.677   | ug/l   | 99       |
| 66) Ethyl Benzene              | 11.51 | 91   | 1643526  | 95.108   | ug/l   | 100      |
| 67) m/p-Xylenes                | 11.62 | 106  | 1253162  | 197.465  | ug/l   | 100      |
| 68) o-Xylene                   | 11.95 | 106  | 613375   | 97.273   | ug/l   | 100      |
| 69) Styrene                    | 11.96 | 104  | 1055528  | 106.033  | ug/l   | 98       |
| 70) Isopropylbenzene           | 12.25 | 105  | 1597819  | 96.293   | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 484523   | 102.789  | ug/l   | 100      |
| 72) 1,2,3-Trichloropropane     | 12.55 | 75   | 397928m  | 96.616   | ug/l   |          |
| 73) Bromobenzene               | 12.53 | 156  | 435735   | 107.727  | ug/l   | 100      |
| 74) n-propylbenzene            | 12.59 | 91   | 1776061  | 96.506   | ug/l   | 100      |
| 75) 2-Chlorotoluene            | 12.67 | 91   | 1065375  | 94.314   | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 1336263  | 97.606   | ug/l   | 100      |
| 77) t-1,4-Dichloro-2-butene    | 12.30 | 75   | 170610   | 140.830  | ug/l   | 99       |
| 78) 4-Chlorotoluene            | 12.77 | 91   | 1064903  | 99.441   | ug/l   | 99       |
| 79) tert-butylbenzene          | 12.99 | 119  | 1149831  | 97.098   | ug/l   | 100      |
| 80) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 1346866  | 101.930  | ug/l   | 99       |
| 81) sec-Butylbenzene           | 13.17 | 105  | 1498588  | 96.665   | ug/l   | 100      |
| 82) p-Isopropyltoluene         | 13.29 | 119  | 1401930  | 106.507  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene        | 13.28 | 146  | 726879   | 111.295  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene        | 13.36 | 146  | 702379   | 114.014  | ug/l   | 99       |
| 85) n-Butylbenzene             | 13.61 | 91   | 1156751  | 114.156  | ug/l   | 99       |
| 86) Hexachloroethane           | 13.87 | 117  | 270561   | 115.515  | ug/l   | 98       |
| 87) 1,2-Dichlorobenzene        | 13.65 | 146  | 707908   | 108.239  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 93751    | 126.365  | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 440172   | 158.641  | ug/l   | 99       |
| 90) Hexachlorobutadiene        | 15.01 | 225  | 271134   | 118.402  | ug/l   | 98       |
| 91) Naphthalene                | 15.13 | 128  | 1166656  | 171.976  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene     | 15.31 | 180  | 439475   | 150.527  | ug/l   | 98       |

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Acq On : 22 May 2019 18:12  
Operator : JC/SP  
Sample : VSTDICC100  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Manual Integrations  
APPROVED

MMDadoda  
5/23/2019 12:31:21 PM

Quant Time: May 23 05:57:18 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Thu May 23 05:31:08 2019  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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

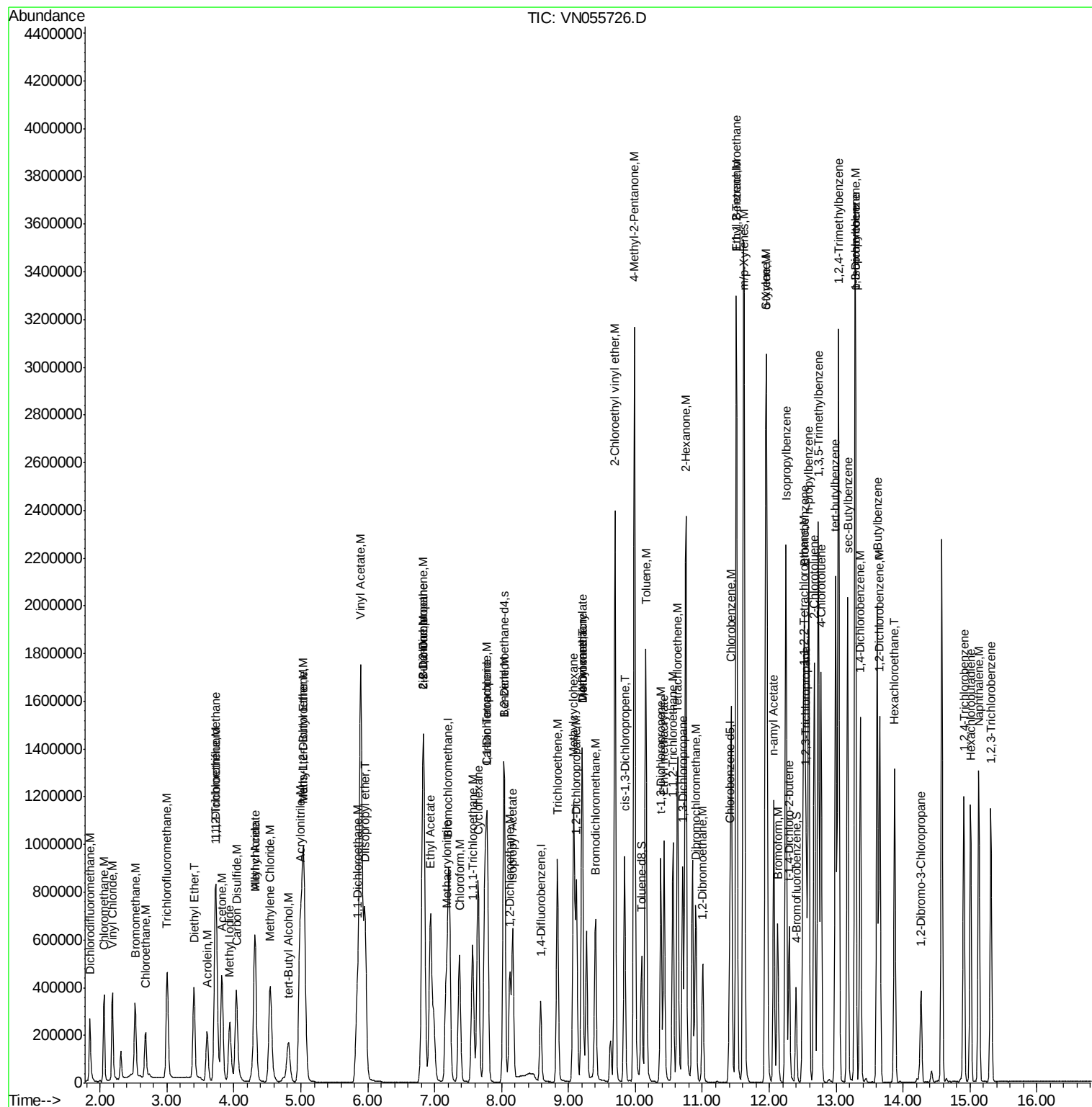
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 Data File : VN055726.D  
 Acq On : 22 May 2019 18:12  
 Operator : JC/SP  
 Sample : VSTDICC100  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

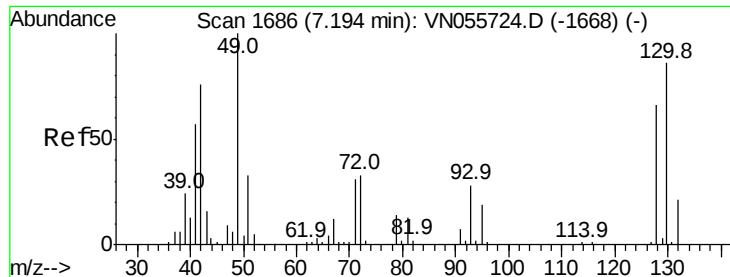
Instrument :  
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 ClientSampleId :  
 VSTDICC100

Manual Integrations  
 APPROVED

MMDadoda  
 5/23/2019 12:31:21 PM

Quant Time: May 23 05:57:18 2019  
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu May 23 05:31:08 2019  
 Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

Tot Ion:128 Resp: 57855

Ion Ratio Lower Upper

128 100

49 157.1 0.0 383.2

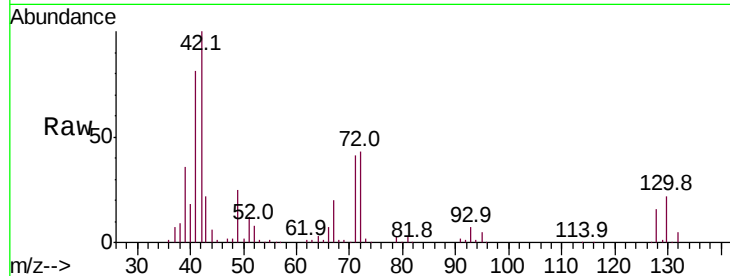
130 129.6 0.0 326.3

Manual Integrations

APPROVED

MMDadoda

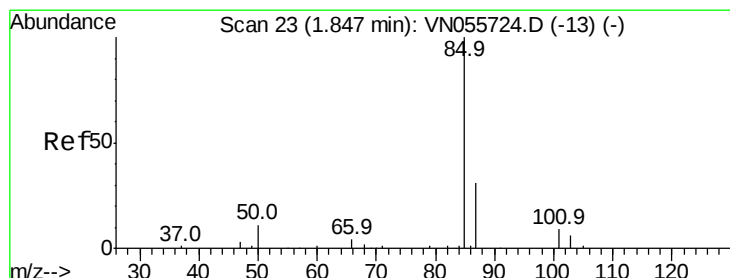
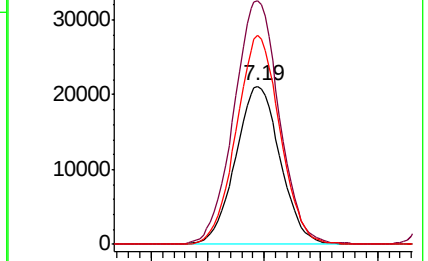
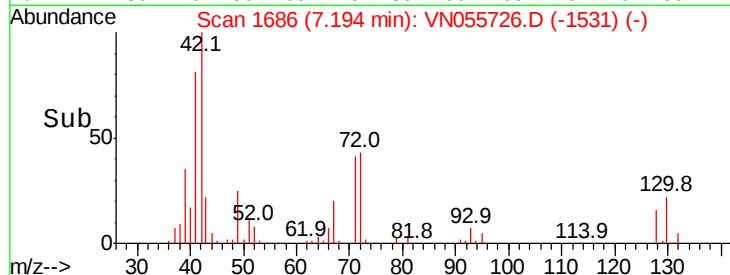
5/23/2019 12:31:21 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 77.685 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN055726.D

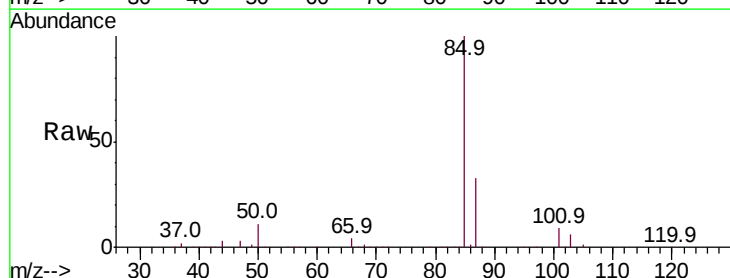
Acq: 22 May 2019 18:12

Tgt Ion: 85 Resp: 235783

Ion Ratio Lower Upper

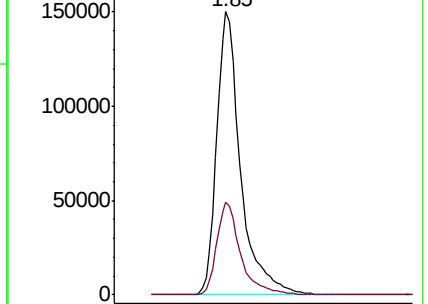
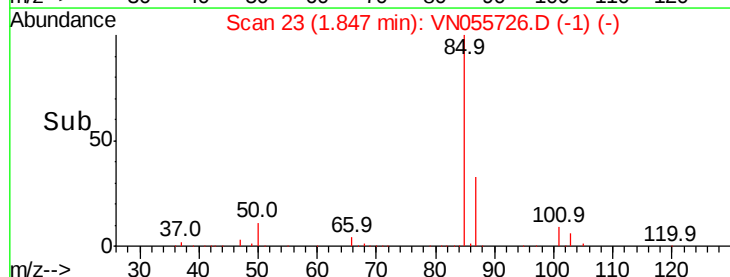
85 100

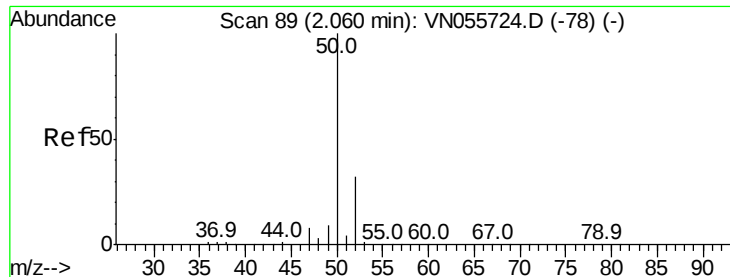
87 32.8 15.7 47.0



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 79.544 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 341300

Ion Ratio Lower Upper

50 100

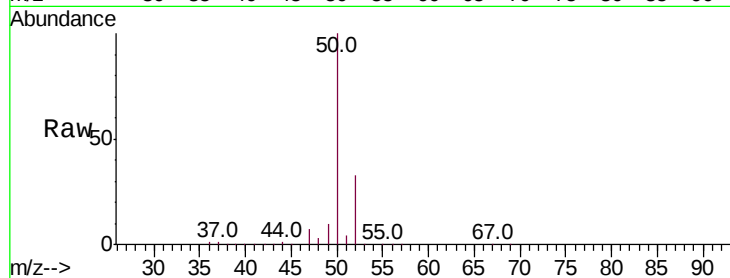
52 32.9 25.4 38.2

Manual Integrations

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Abundance Ion 50.00 (49.70 to 50.70): VNO

Ion 52.00 (51.70 to 52.70): VNO

2.06

200000

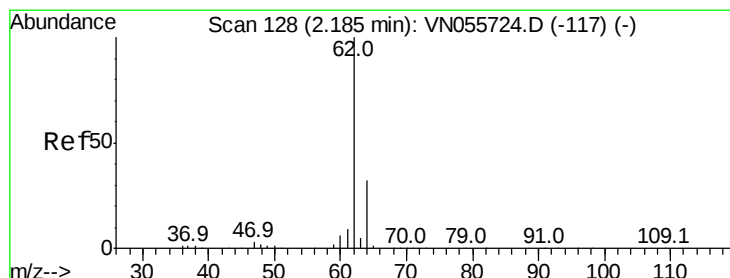
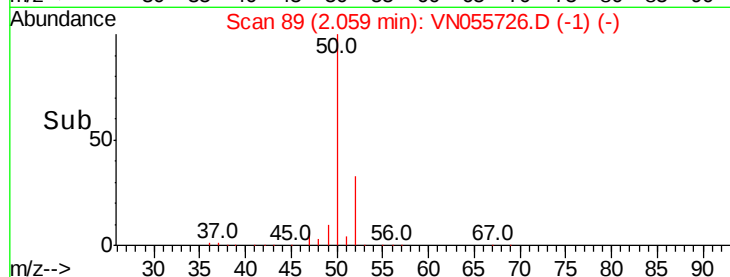
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 96.999 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN055726.D

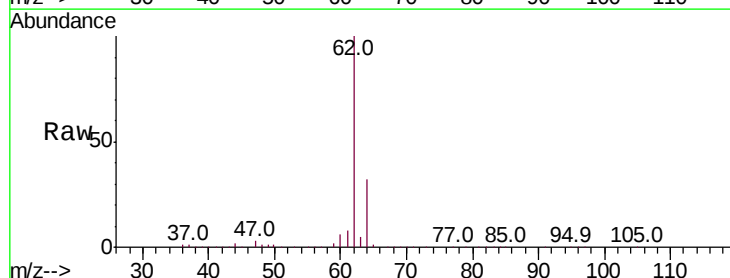
Acq: 22 May 2019 18:12

Tgt Ion: 62 Resp: 351546

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5



Abundance Ion 62.00 (61.70 to 62.70): VNO

Ion 64.00 (63.70 to 64.70): VNO

2.18

250000

200000

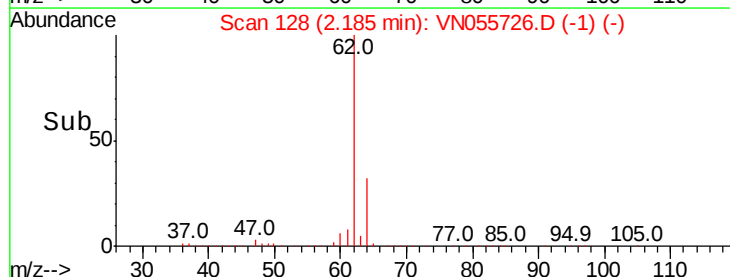
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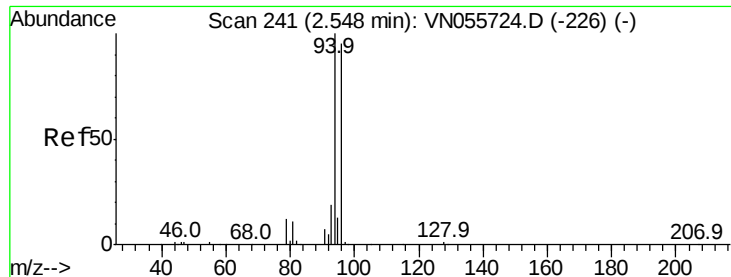
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50000

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Time-->





#5

Bromomethane

Concen: 104.029 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.02 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC100

Tot Ion: 94 Resp: 214850

Ion Ratio Lower Upper

94 100

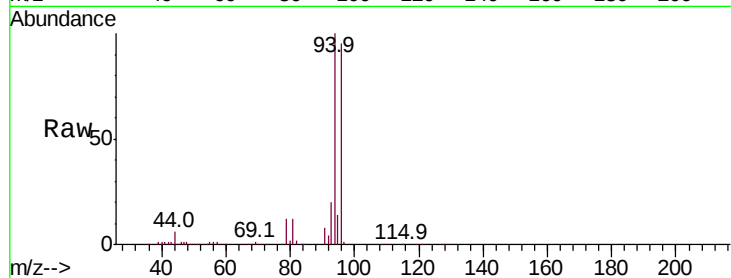
96 94.4 75.8 113.8

Manual Integrations

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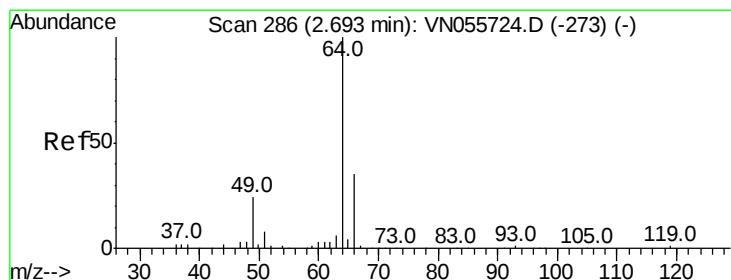
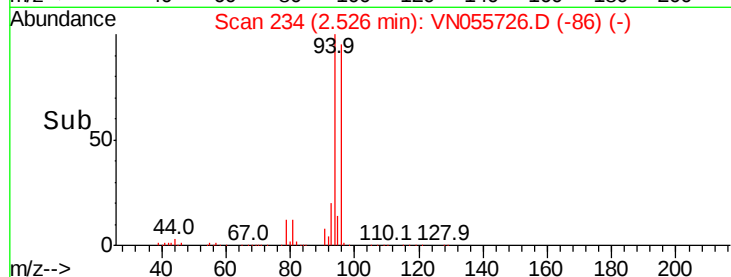
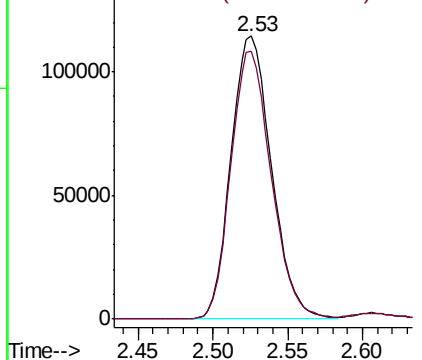
MMDadoda

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Abundance Ion 94.00 (93.70 to 94.70): VNO

Ion 96.00 (95.70 to 96.70): VNO



#6

Chloroethane

Concen: 96.670 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.01 min

Lab File: VN055726.D

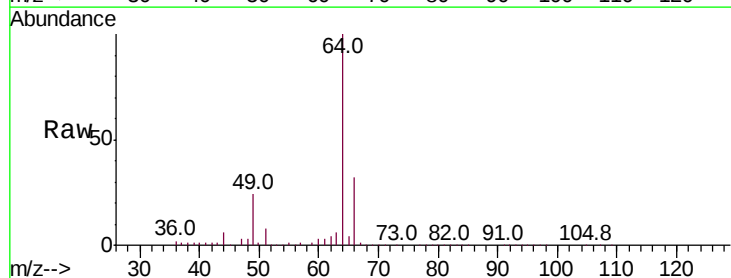
Acq: 22 May 2019 18:12

Tgt Ion: 64 Resp: 198319

Ion Ratio Lower Upper

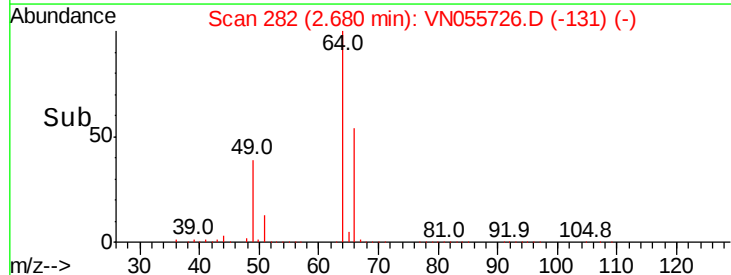
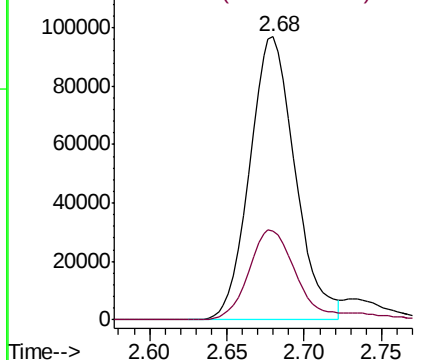
64 100

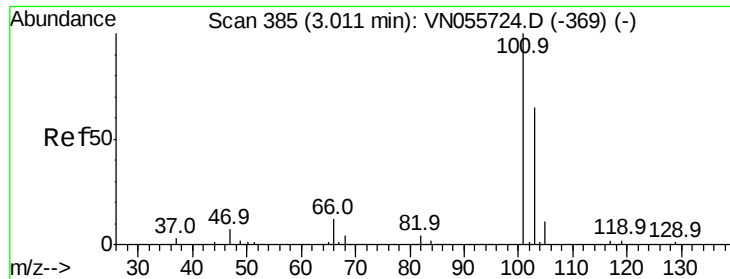
66 31.5 27.9 41.9



Abundance Ion 64.00 (63.70 to 64.70): VNO

Ion 66.00 (65.70 to 66.70): VNO





#7

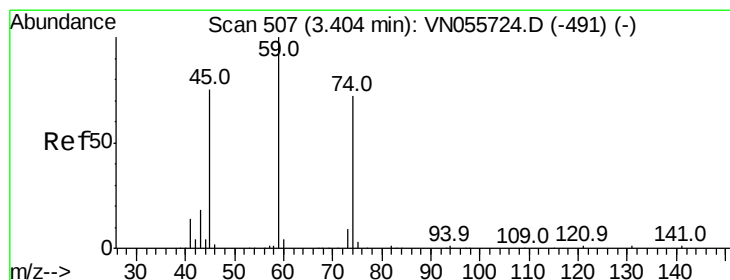
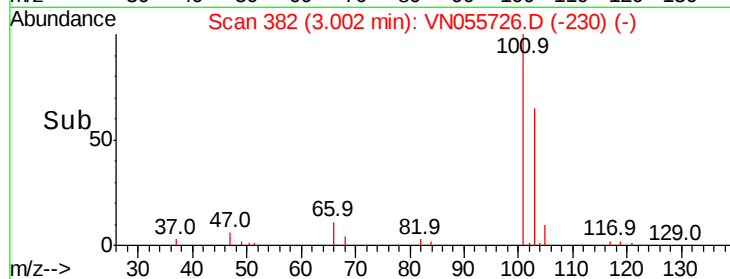
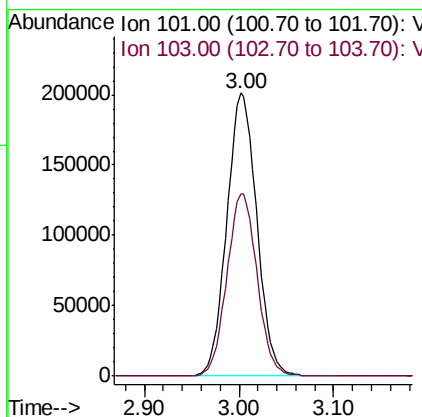
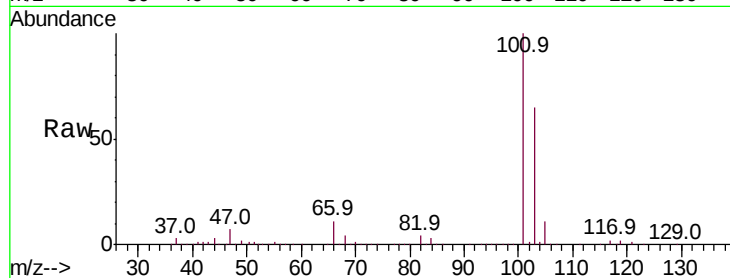
Trichlorofluoromethane  
Concen: 85.869 ug/l  
RT: 3.00 min Scan# 382  
Delta R.T. -0.01 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.4  | 52.6  | 78.8  |

Manual Integrations  
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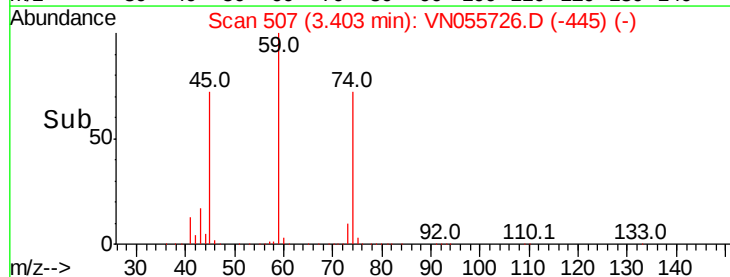
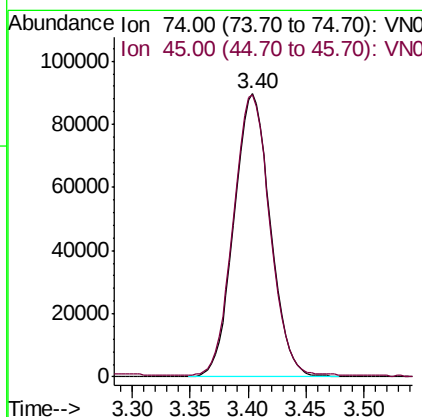
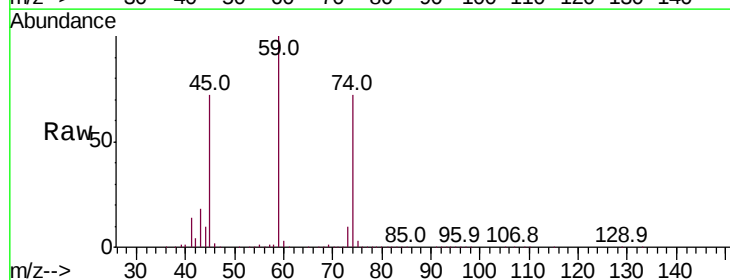
MMDadoda  
5/23/2019 12:31:21 PM

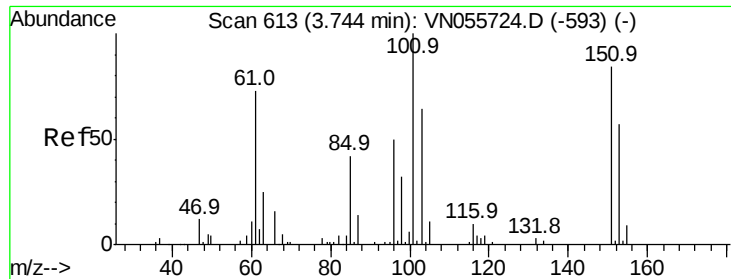


#8

Diethyl Ether  
Concen: 91.097 ug/l  
RT: 3.40 min Scan# 507  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 99.2  | 20.4  | 184.0 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 85.707 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA\_N

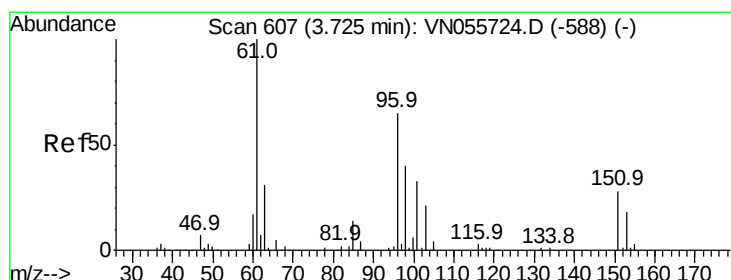
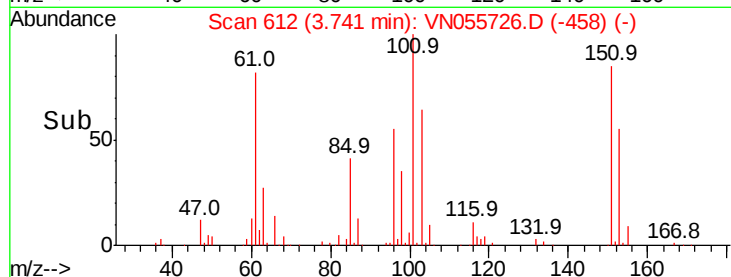
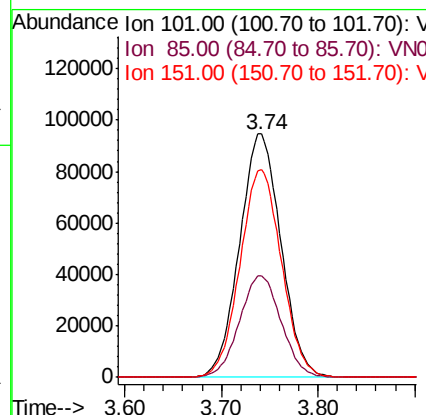
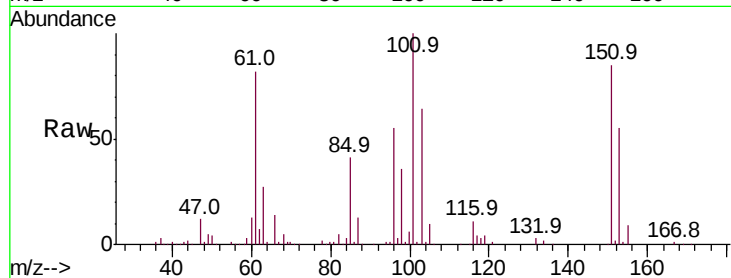
ClientSampleId :

VSTDIC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 281392 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.1  | 0.0   | 86.6   |
| 151       | 85.8  | 0.0   | 172.2  |

Manual Integrations  
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#10

1,1-Dichloroethene

Concen: 93.809 ug/l

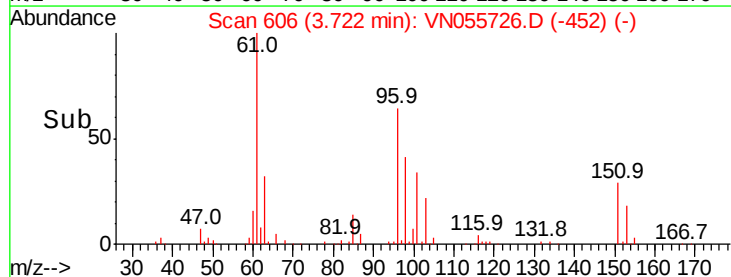
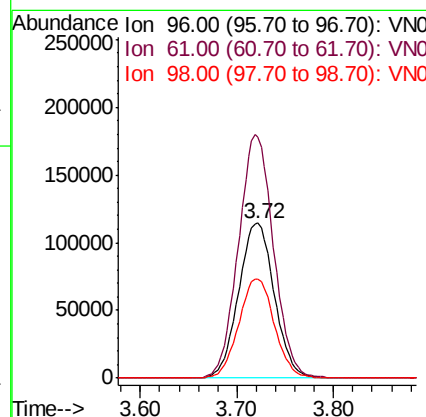
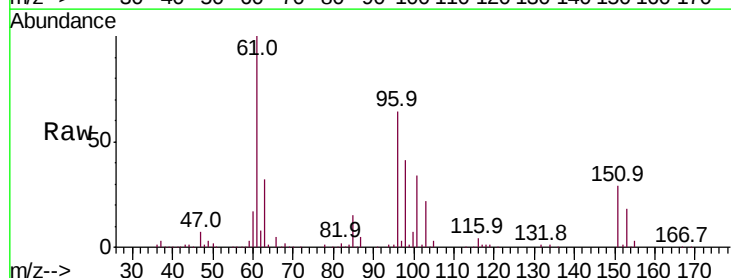
RT: 3.72 min Scan# 606

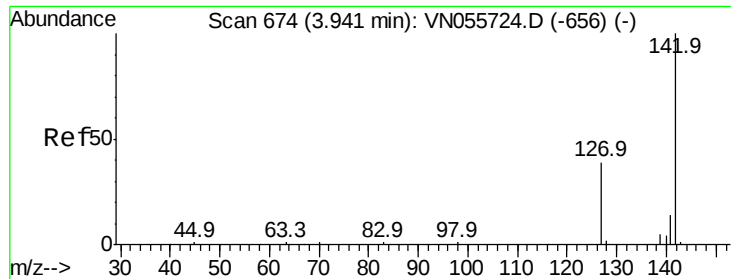
Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 96    | Resp: | 293582 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 155.7 | 123.7 | 185.5  |
| 98        | 63.8  | 50.0  | 75.0   |





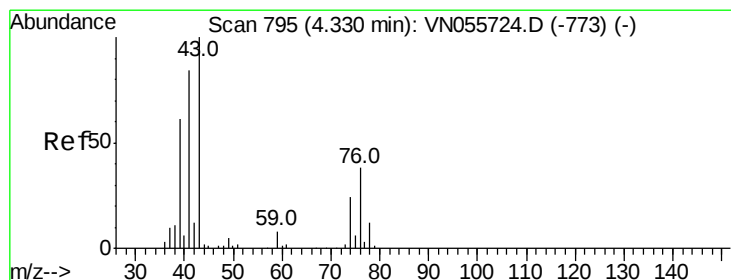
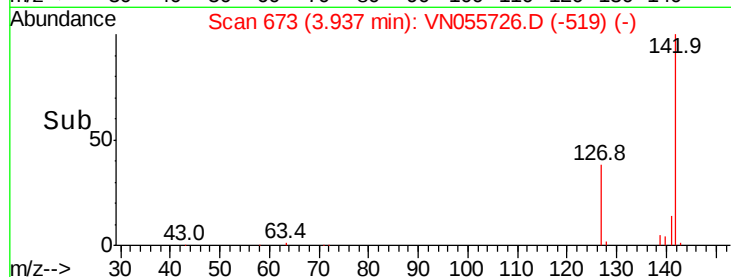
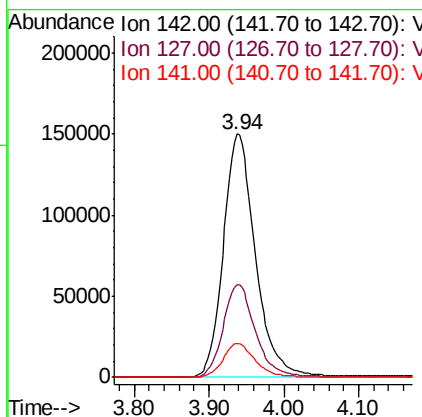
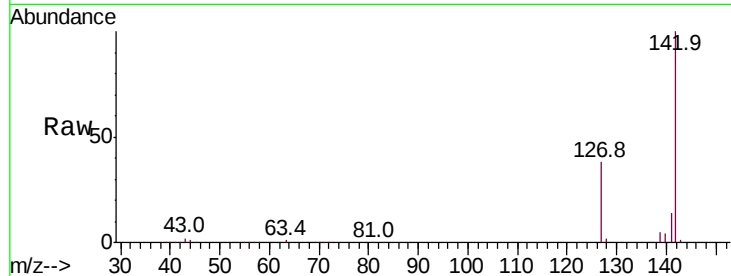
#11  
Methyl Iodide  
Concen: 92.319 ug/l  
RT: 3.94 min Scan# 673  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 38.2  | 19.6  | 58.7  |
| 141     | 13.9  | 6.9   | 20.6  |

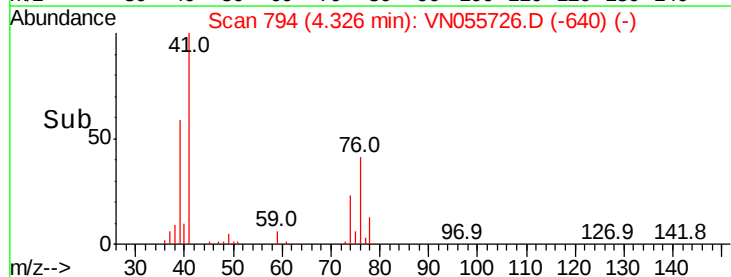
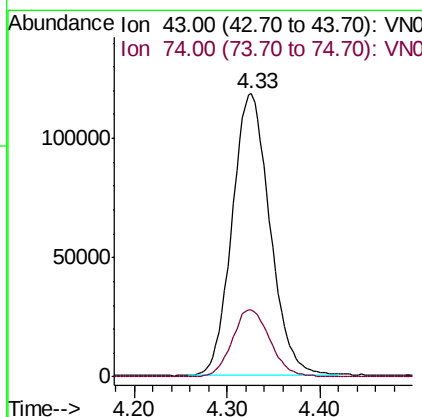
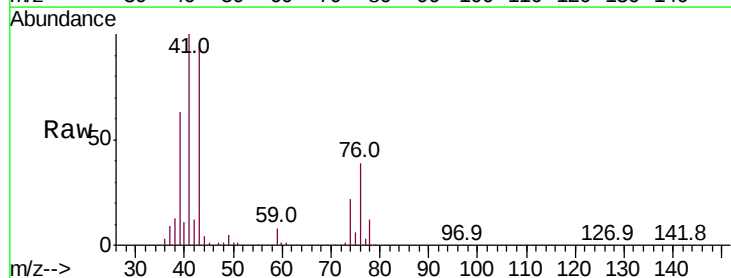
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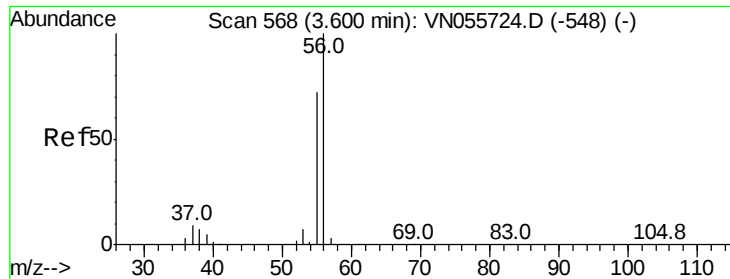
MMDadoda  
5/23/2019 12:31:21 PM



#12  
Methyl Acetate  
Concen: 76.437 ug/l  
RT: 4.33 min Scan# 794  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.6  | 19.2  | 28.8  |





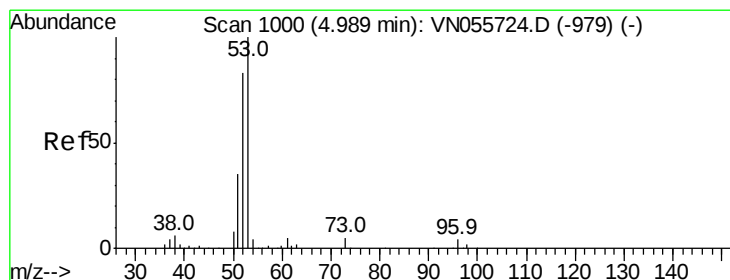
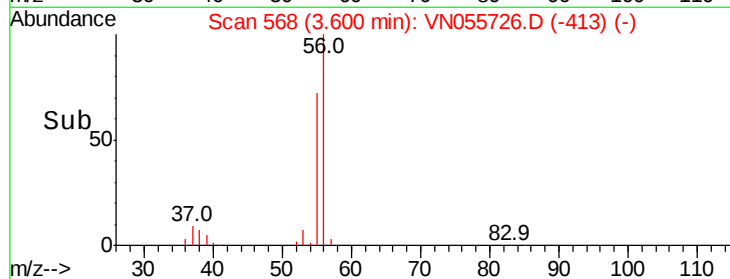
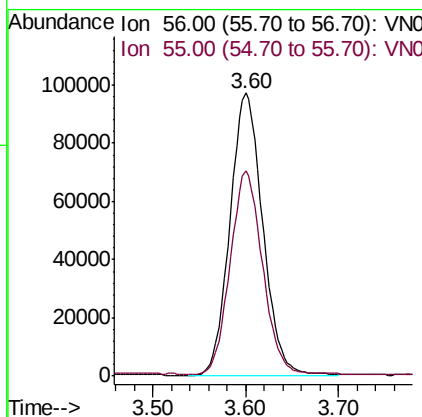
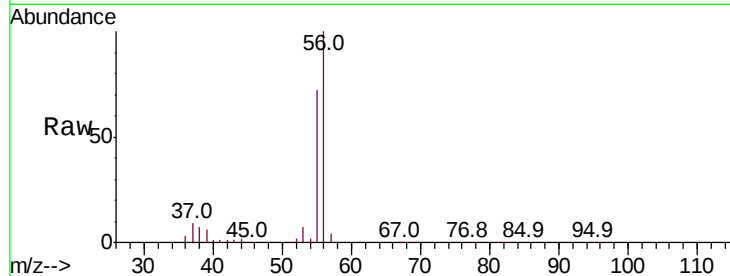
#13  
Acrolein  
Concen: 895.433 ug/l  
RT: 3.60 min Scan# 568  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC100

| Tot Ion   | 56    | Resp  | 237253 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 55        | 70.8  | 57.0  | 85.6   |

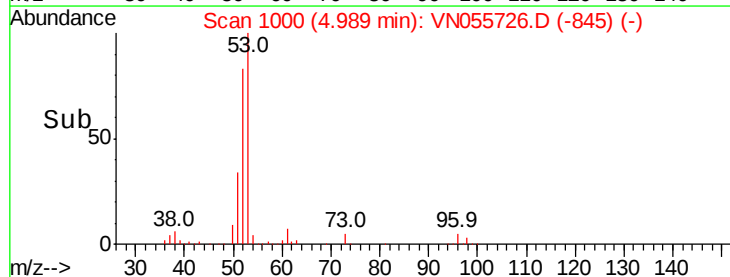
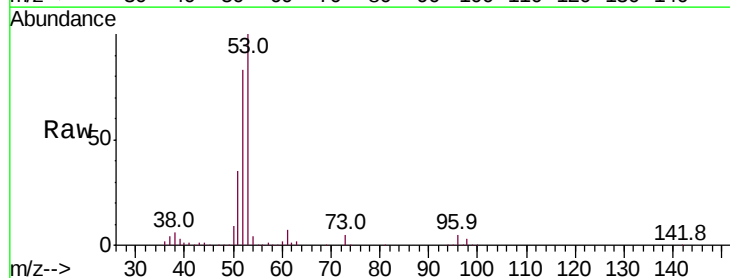
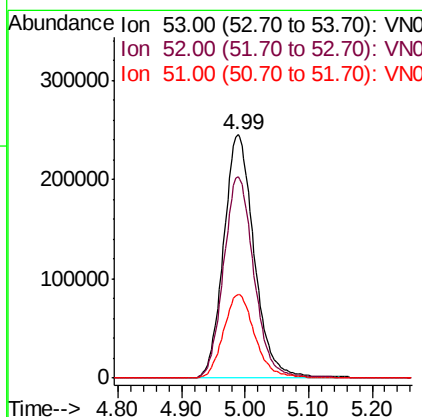
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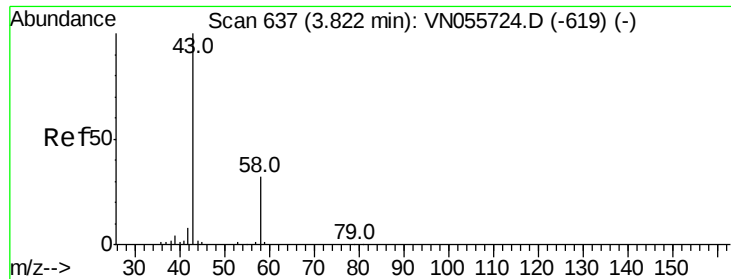
MMDadoda  
5/23/2019 12:31:21 PM



#14  
Acrylonitrile  
Concen: 500.934 ug/l  
RT: 4.99 min Scan# 1000  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

| Tgt Ion   | 53    | Resp  | 817749 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 82.3  | 41.1  | 123.4  |
| 51        | 35.4  | 17.5  | 52.6   |





#15

Acetone

Concen: 574.625 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

Tot Ion: 58 Resp: 240882

Ion Ratio Lower Upper

58 100

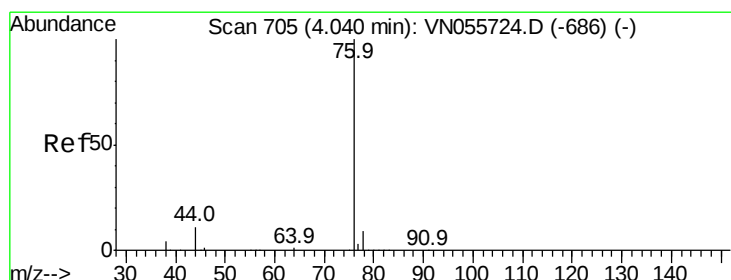
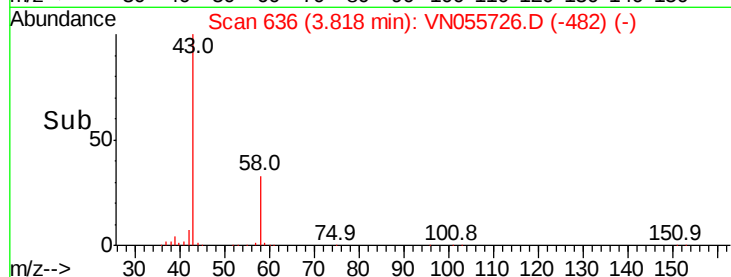
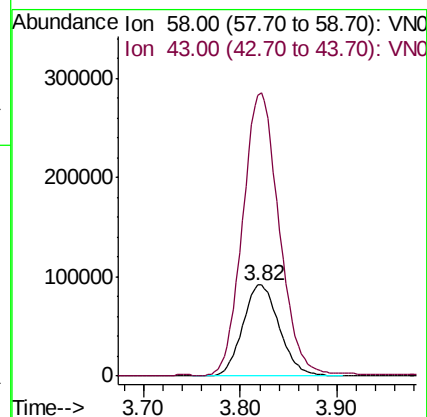
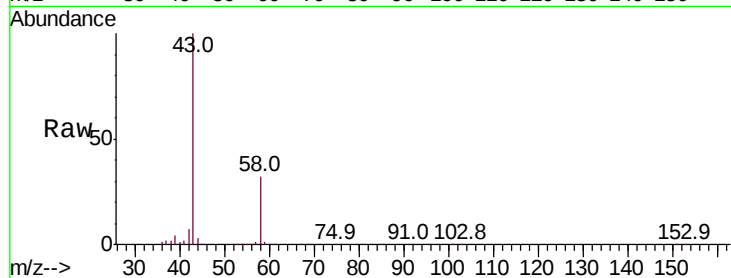
43 308.1 248.8 373.2

Manual Integrations

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#16

Carbon Disulfide

Concen: 97.901 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN055726.D

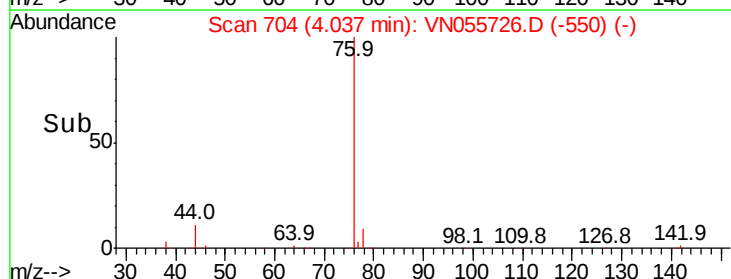
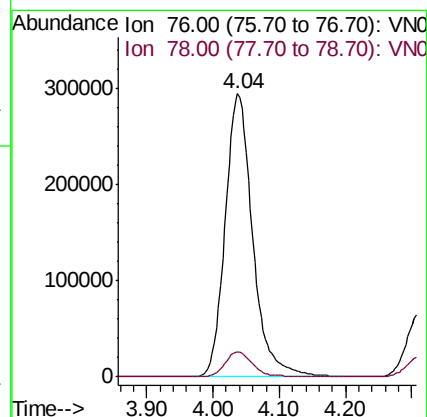
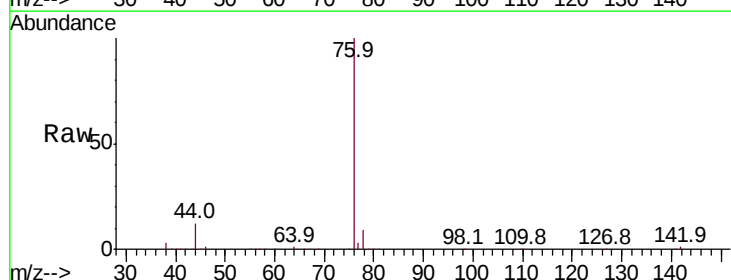
Acq: 22 May 2019 18:12

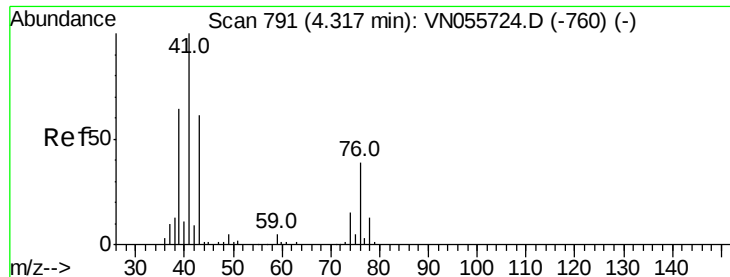
Tgt Ion: 76 Resp: 848566

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#17

Allvl chloride

Concen: 80.680 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.01 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA\_N

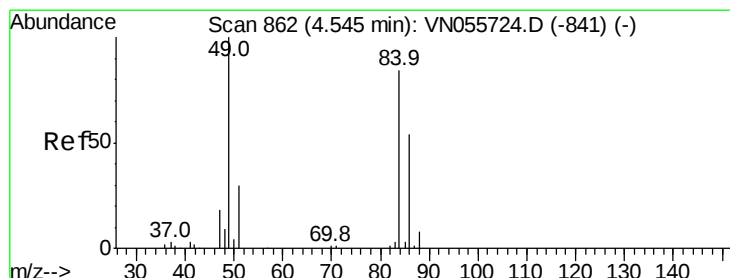
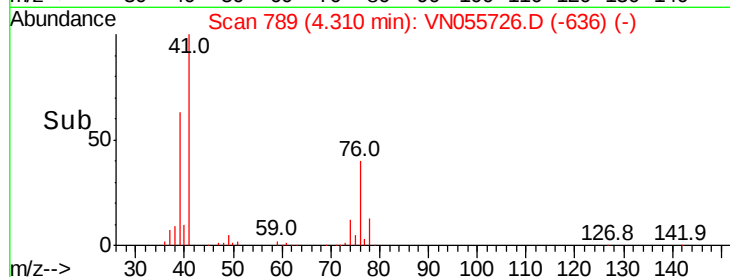
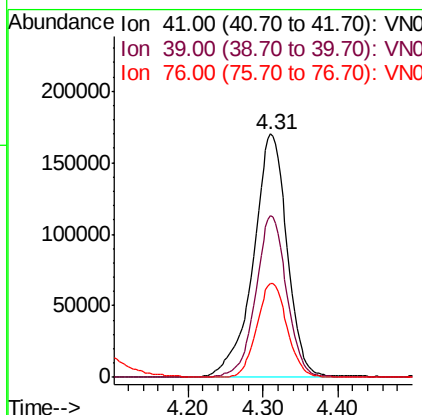
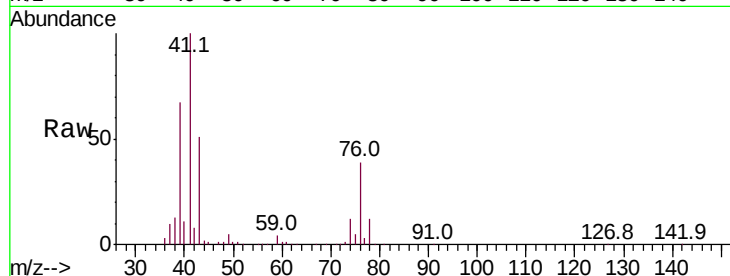
ClientSampleId :

VSTDIC100

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 530596 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 66.6  | 31.8  | 95.3   |
| 76       | 38.5  | 19.3  | 57.9   |

Manual Integrations  
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#18

Methylene Chloride

Concen: 88.259 ug/l

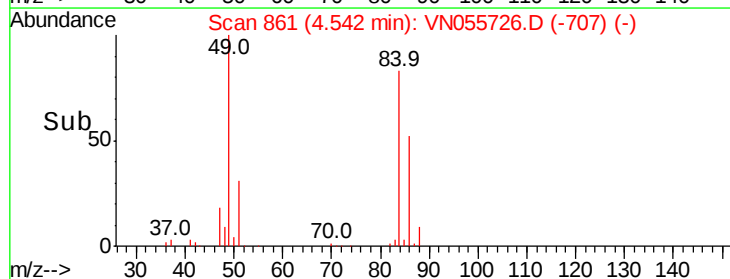
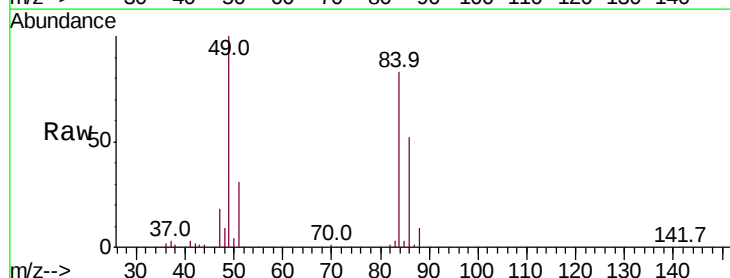
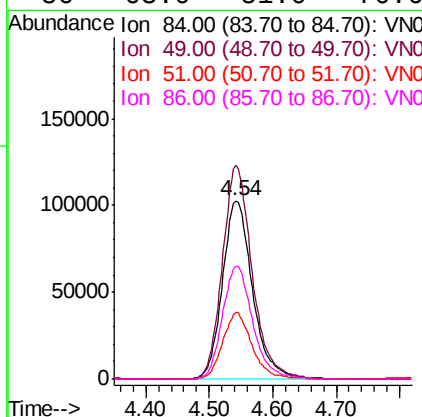
RT: 4.54 min Scan# 861

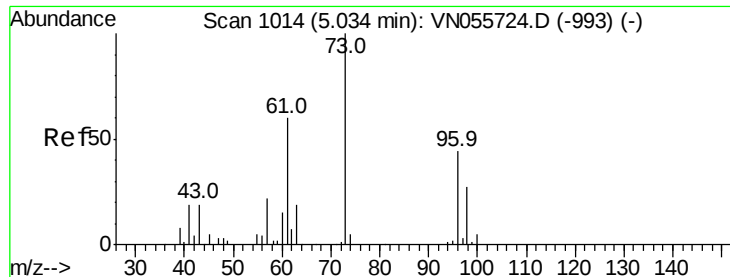
Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 336303 |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 120.0 | 94.7  | 142.1  |
| 51       | 37.4  | 28.6  | 43.0   |
| 86       | 63.0  | 51.0  | 76.6   |





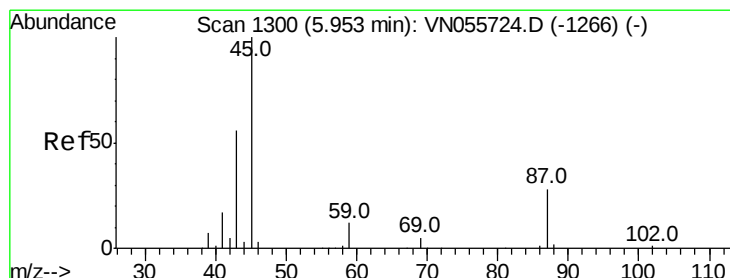
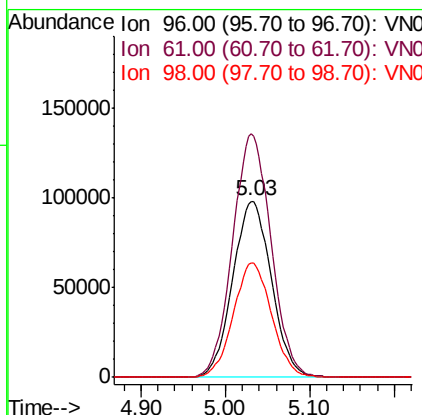
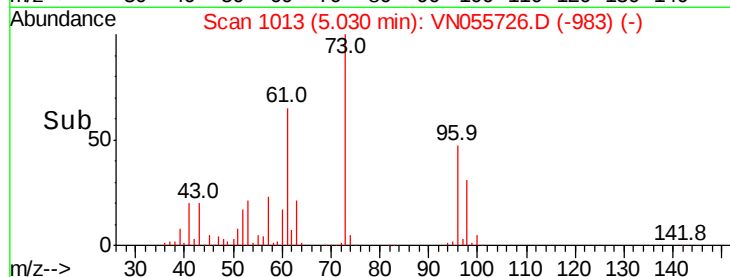
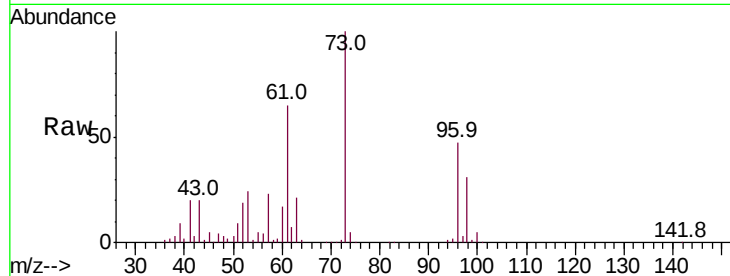
#19  
trans-1,2-Dichloroethene  
Concen: 92.419 ug/l  
RT: 5.03 min Scan# 1013  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 138.0 | 108.5 | 162.7 |
| 98      | 65.0  | 49.4  | 74.2  |

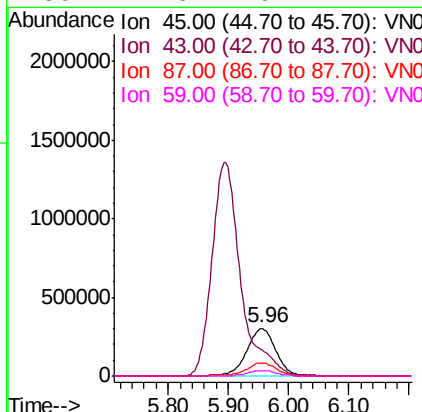
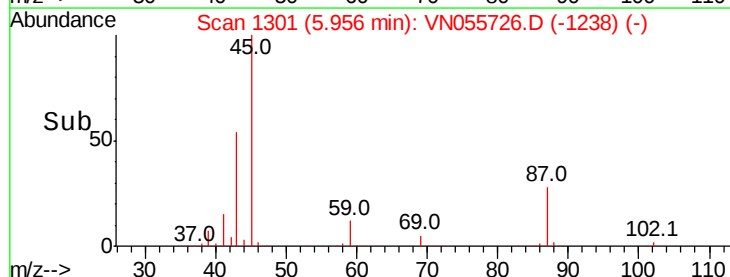
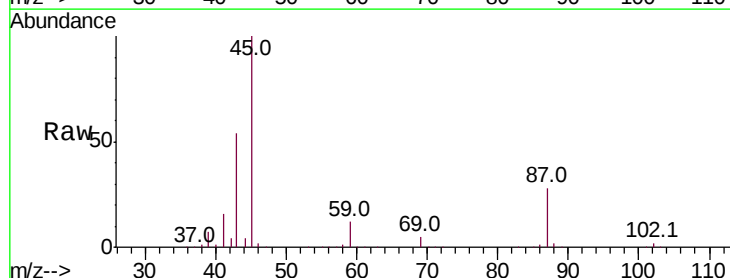
Manual Integrations  
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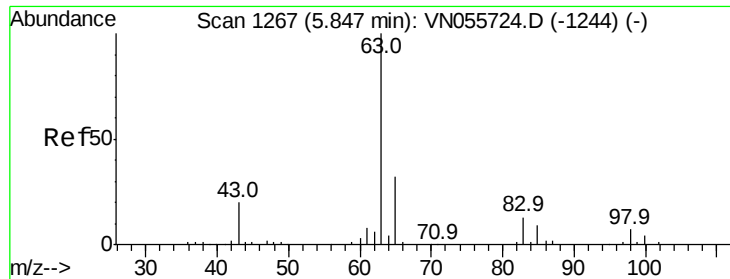
MMDadoda  
5/23/2019 12:31:21 PM



#20  
Diisopropyl ether  
Concen: 78.809 ug/l  
RT: 5.96 min Scan# 1301  
Delta R.T. 0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 53.1  | 48.6  | 73.0  |
| 87      | 27.9  | 22.6  | 34.0  |
| 59      | 11.6  | 9.4   | 14.2  |





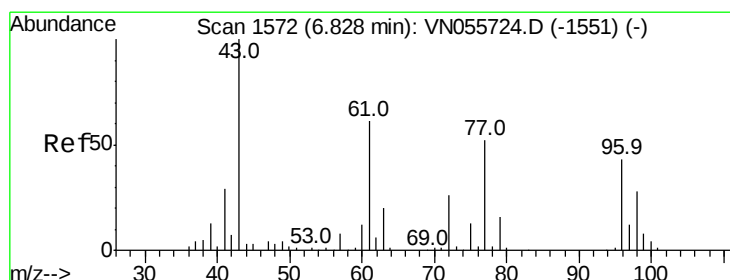
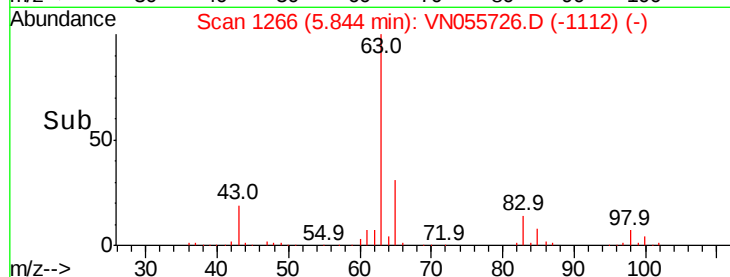
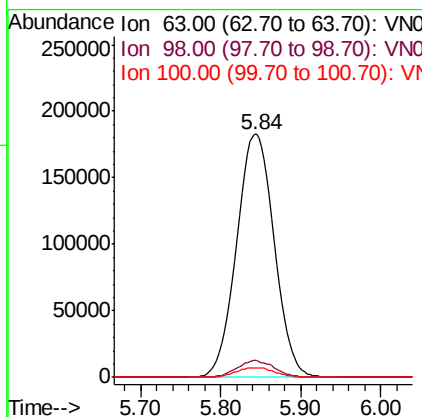
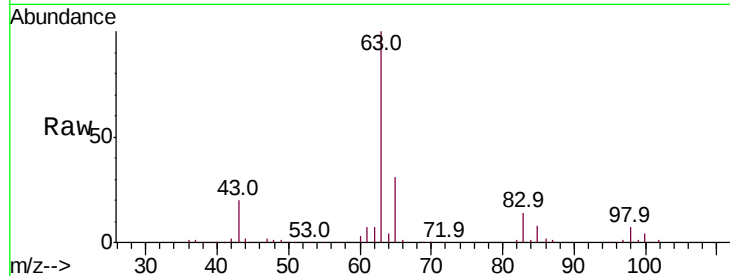
#21  
 1,1-Dichloroethane  
 Concen: 84.144 ug/l  
 RT: 5.84 min Scan# 1266  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 63      | 100   | 583269 |       |       |
| 98      | 6.8   |        | 3.4   | 10.2  |
| 100     | 4.0   |        | 2.2   | 6.6   |

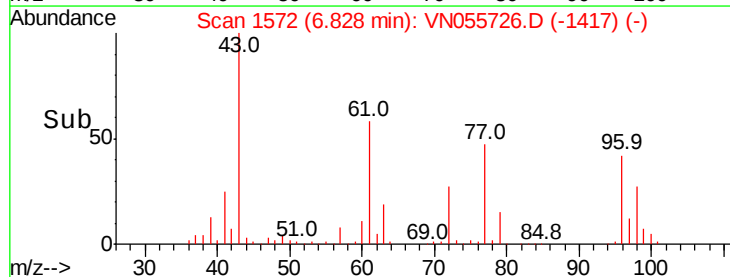
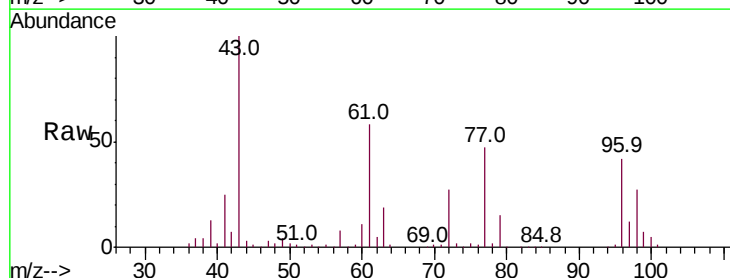
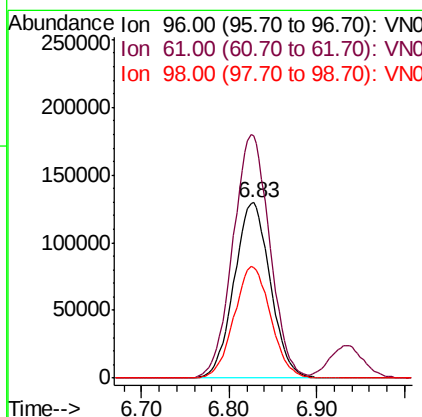
Manual Integrations  
 APPROVED

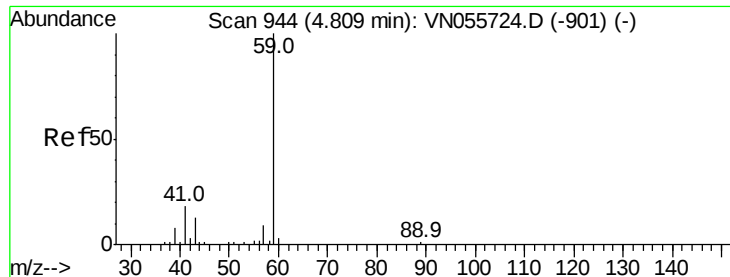
MMDadoda  
 5/23/2019 12:31:21 PM



#22  
 cis-1,2-Dichloroethene  
 Concen: 94.014 ug/l  
 RT: 6.83 min Scan# 1572  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 372617 |       |       |
| 61      | 141.2 |        | 115.7 | 173.5 |
| 98      | 64.4  |        | 51.5  | 77.3  |





#23

tert-Butyl Alcohol

Concen: 772.401 ug/l

RT: 4.81 min Scan# 946

Delta R.T. 0.01 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

Tot Ion: 59 Resp: 350545

Ion Ratio Lower Upper

59 100

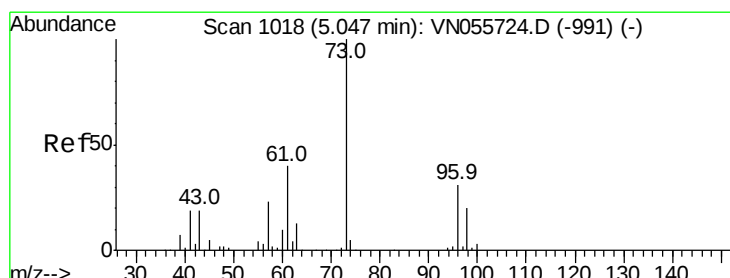
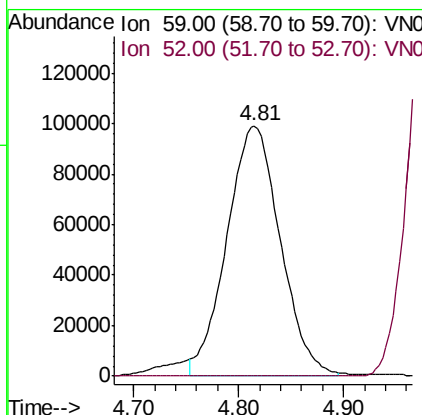
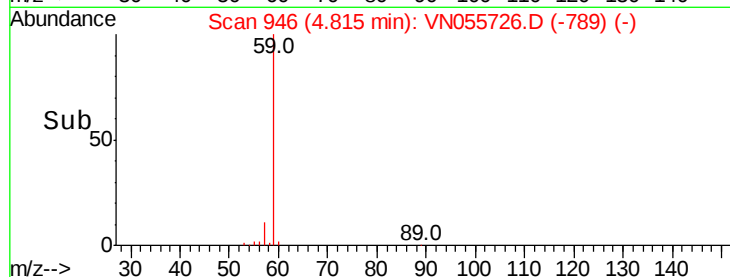
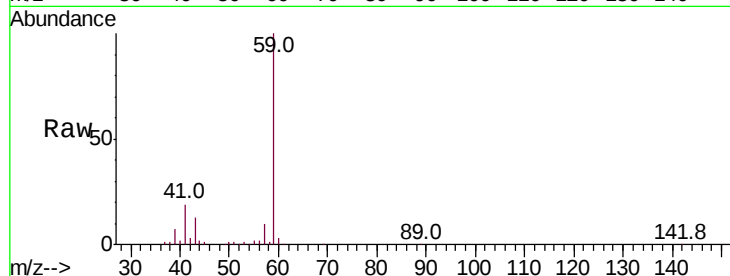
52 0.0 0.0 0.0#

Manual Integrations

APPROVED

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5/23/2019 12:31:21 PM



#24

Methyl tert-Butyl Ether

Concen: 97.131 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VN055726.D

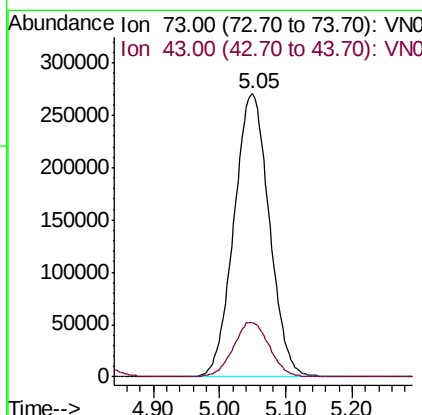
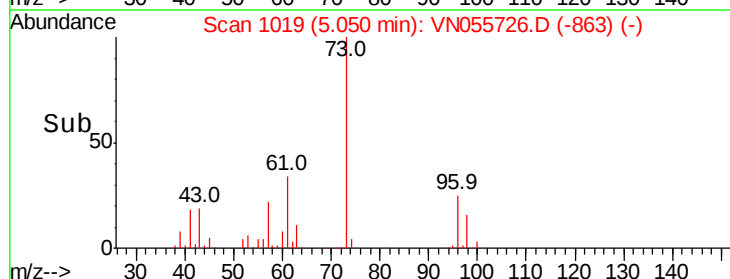
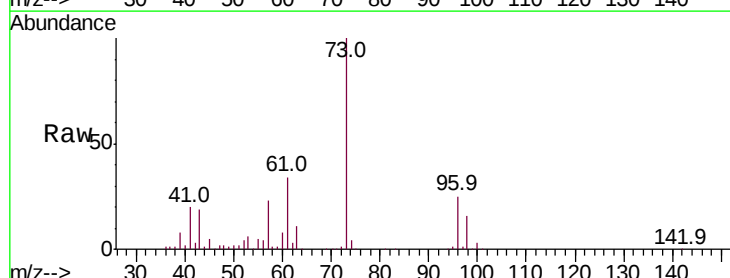
Acq: 22 May 2019 18:12

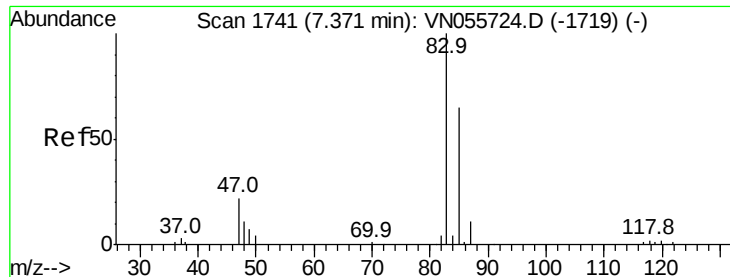
Tgt Ion: 73 Resp: 1000748

Ion Ratio Lower Upper

73 100

43 19.3 15.7 23.5





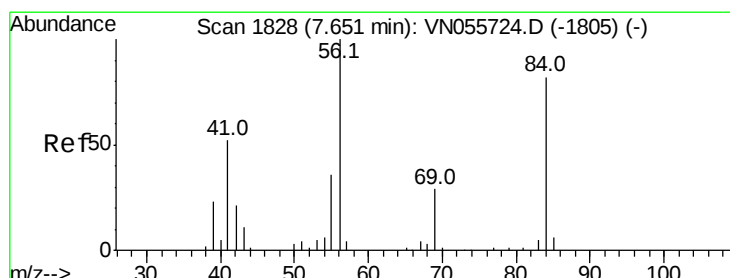
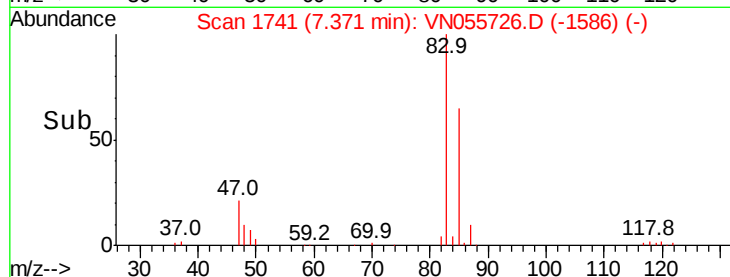
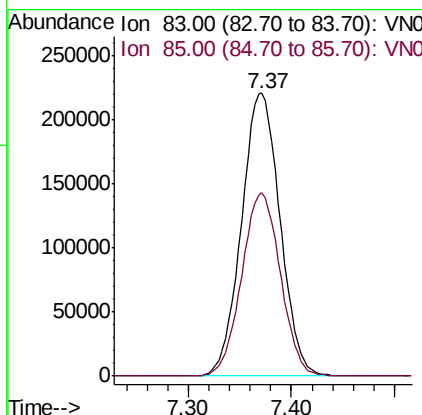
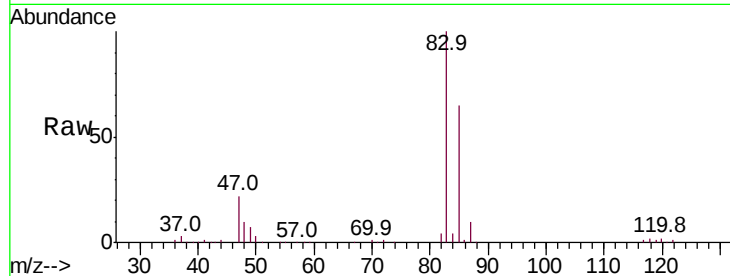
#25  
Chloroform  
Concen: 87.207 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tot Ion: 83 Resp: 573012  
Ion Ratio Lower Upper  
83 100  
85 64.7 51.7 77.5

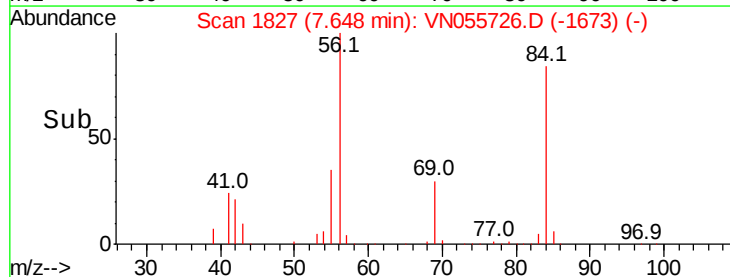
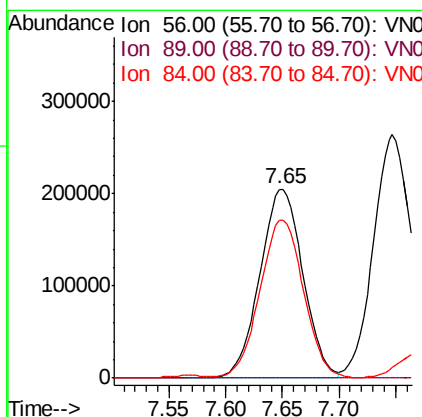
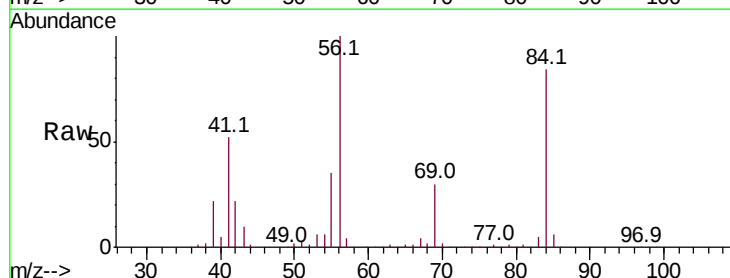
Manual Integrations  
APPROVED

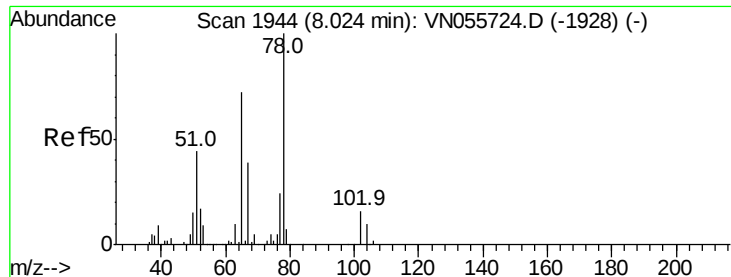
MMDadoda  
5/23/2019 12:31:21 PM



#26  
Cyclohexane  
Concen: 88.552 ug/l  
RT: 7.65 min Scan# 1827  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Tgt Ion: 56 Resp: 542369  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 84.9 67.2 100.8





#27

1,2-Dichloroethane-d4

Concen: 25.648 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC100

Tot Ion: 65 Resp: 113096

Ion Ratio Lower Upper

65 100

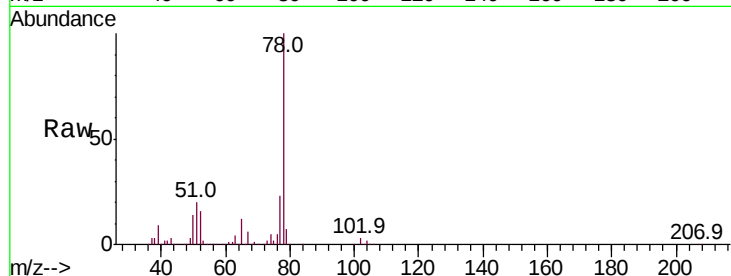
67 54.7 43.5 65.3

Manual Integrations

APPROVED

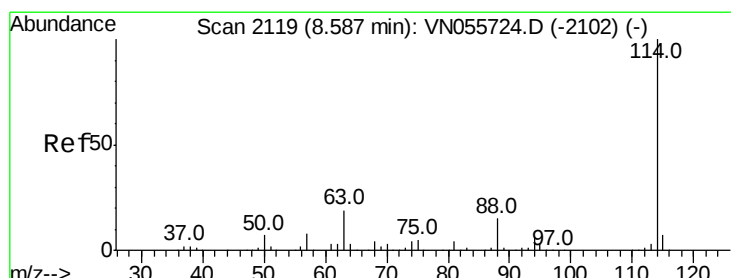
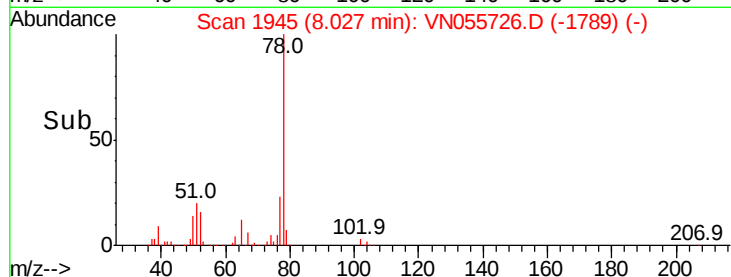
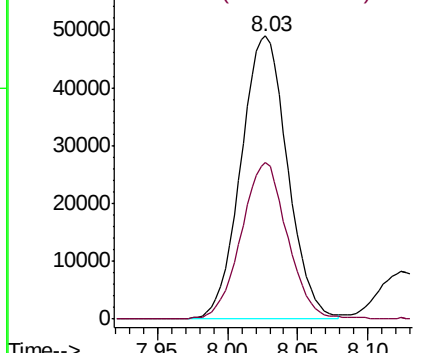
MMDadoda

5/23/2019 12:31:21 PM



Abundance Ion 65.00 (64.70 to 65.70): VN055726.D (-1789) (-)

Ion 67.00 (66.70 to 67.70): VN055726.D (-1789) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

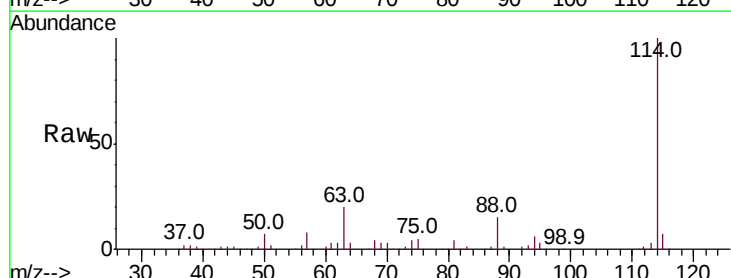
Tgt Ion: 114 Resp: 319883

Ion Ratio Lower Upper

114 100

63 19.7 15.6 23.4

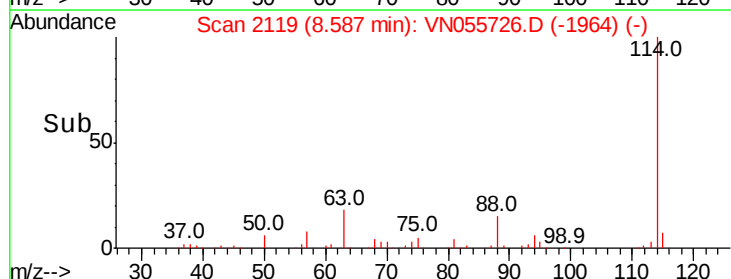
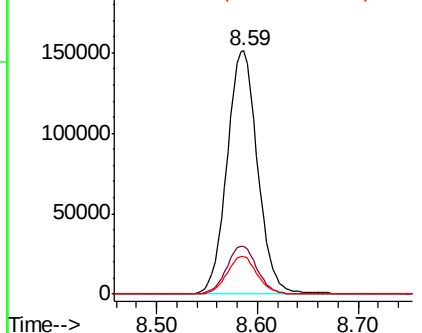
88 15.4 12.3 18.5

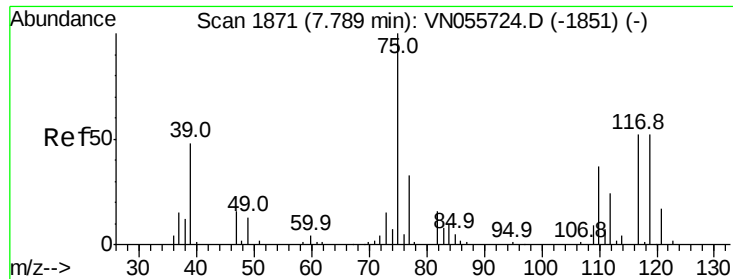


Abundance Ion 114.00 (113.70 to 114.70): VN055726.D (-1964) (-)

Ion 63.00 (62.70 to 63.70): VN055726.D (-1964) (-)

Ion 88.00 (87.70 to 88.70): VN055726.D (-1964) (-)





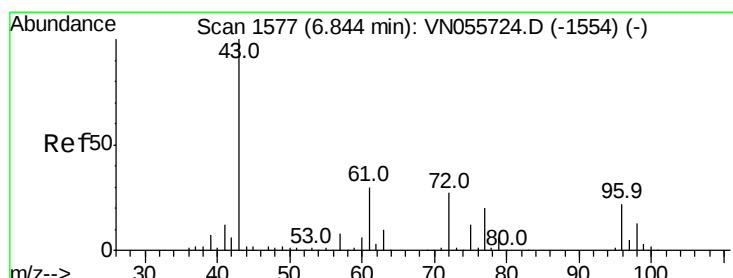
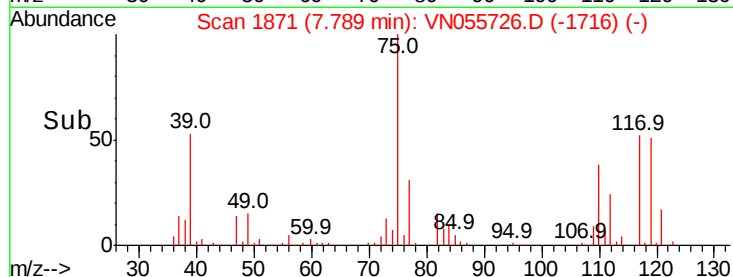
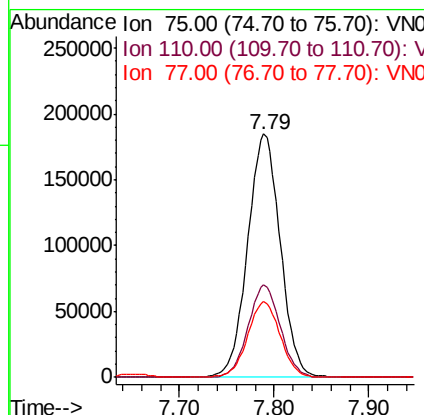
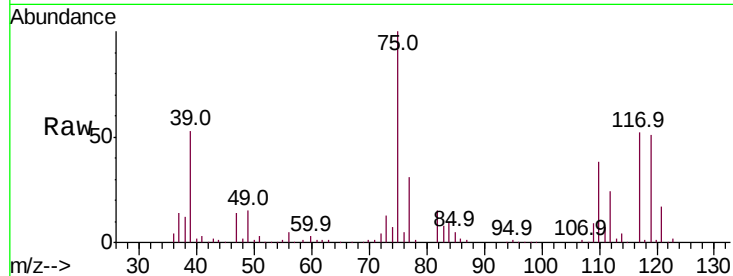
#29  
 1,1-Dichloropropene  
 Concen: 89.090 ug/l  
 RT: 7.79 min Scan# 1871  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDIC100

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 110     | 37.3  | 0.0  | 74.8  |       |
| 77      | 31.0  | 0.0  | 65.2  |       |

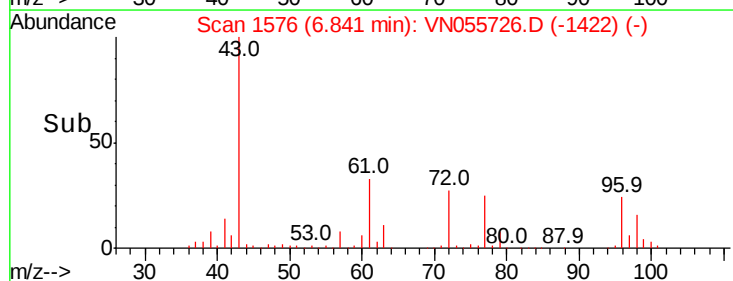
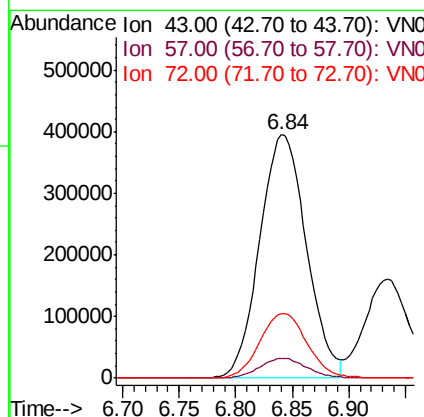
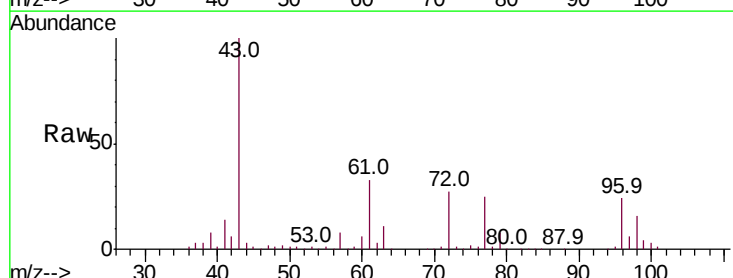
Manual Integrations  
 APPROVED

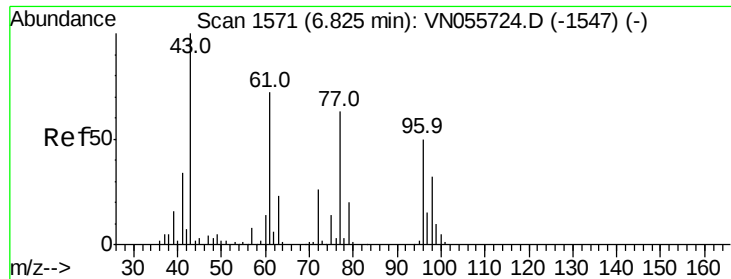
MMDadoda  
 5/23/2019 12:31:21 PM



#30  
 2-Butanone  
 Concen: 532.316 ug/l  
 RT: 6.84 min Scan# 1576  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 43      | 100   |      |       |       |
| 57      | 8.3   | 6.6  | 10.0  |       |
| 72      | 27.1  | 21.7 | 32.5  |       |





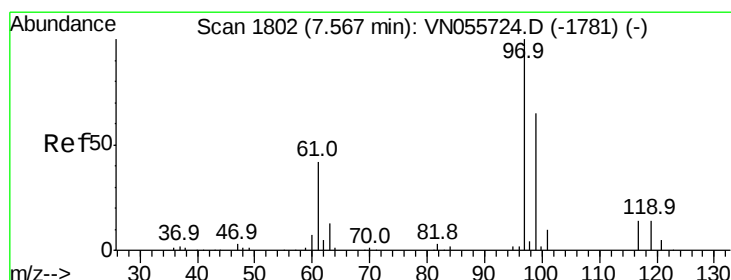
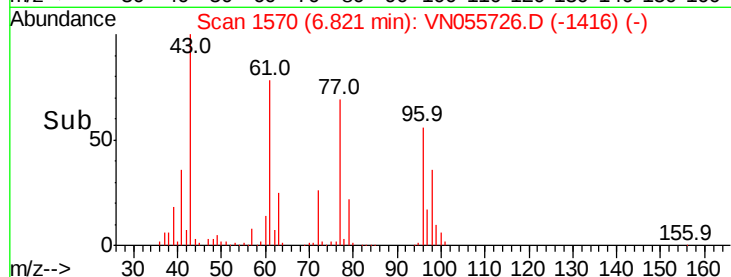
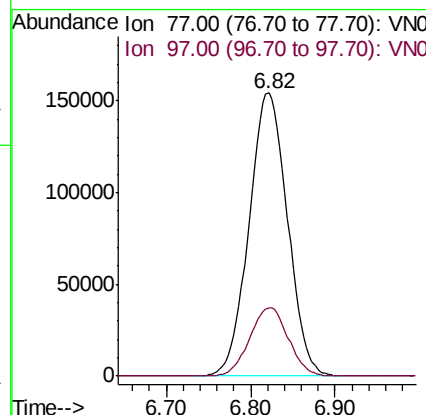
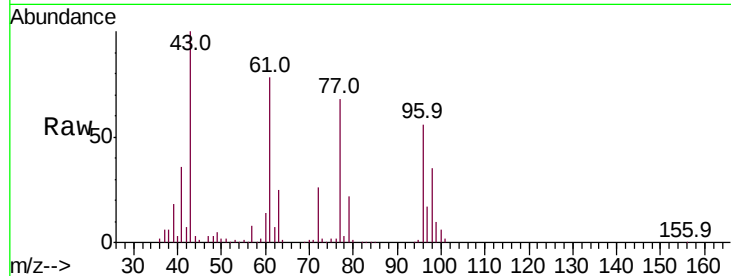
#31  
 2,2-Dichloropropane  
 Concen: 99.479 ug/l  
 RT: 6.82 min Scan# 1570  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

Tot Ion: 77 Resp: 488226  
 Ion Ratio Lower Upper  
 77 100  
 97 24.5 19.2 28.8

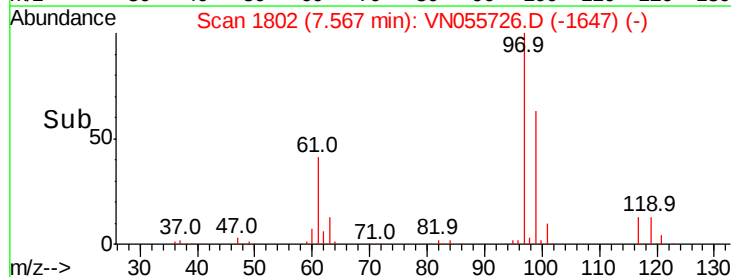
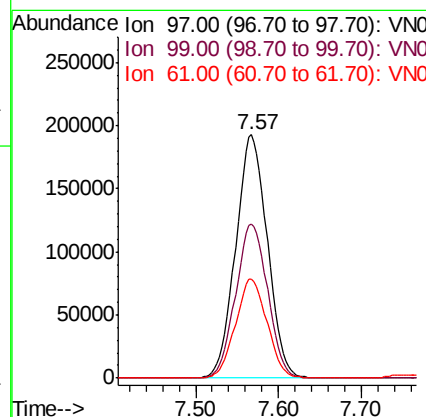
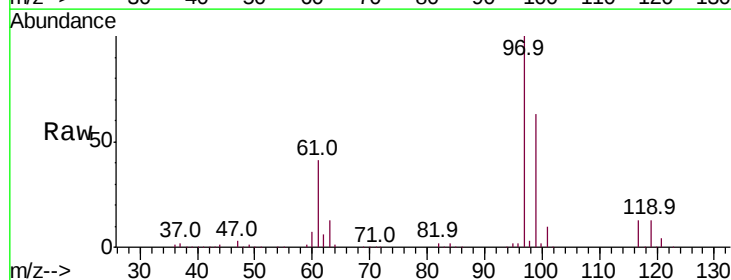
Manual Integrations  
 APPROVED

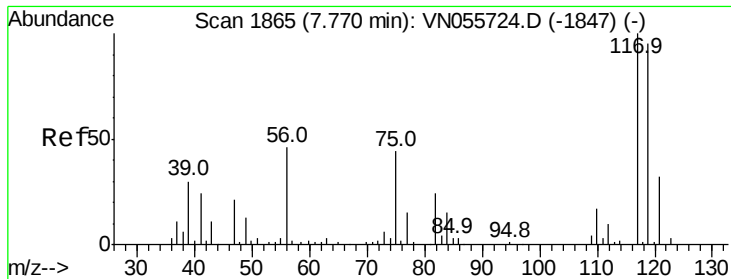
MMDadoda  
 5/23/2019 12:31:21 PM



#32  
 1,1,1-Trichloroethane  
 Concen: 91.870 ug/l  
 RT: 7.57 min Scan# 1802  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

Tgt Ion: 97 Resp: 512456  
 Ion Ratio Lower Upper  
 97 100  
 99 64.0 51.7 77.5  
 61 40.8 33.1 49.7





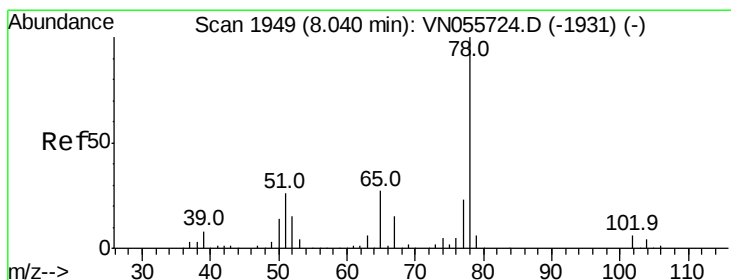
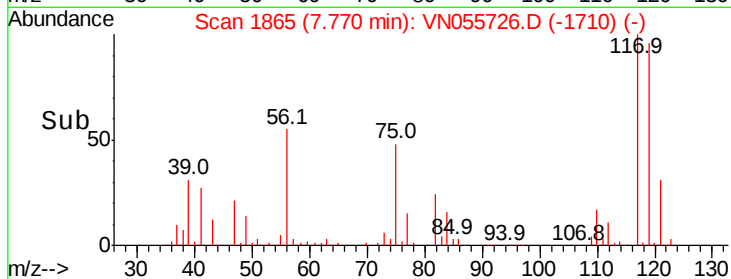
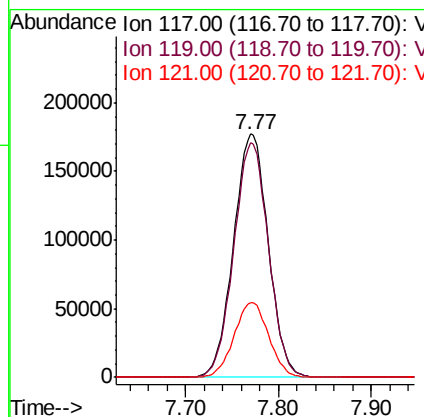
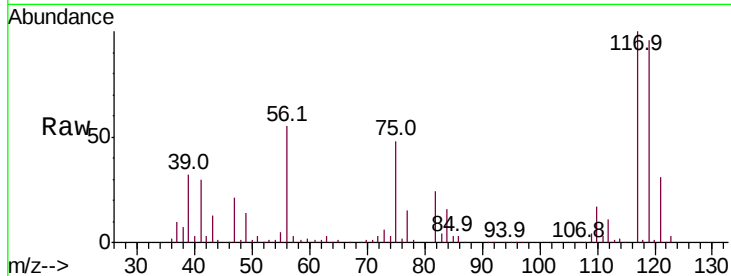
#33  
Carbon Tetrachloride  
Concen: 96.805 ug/l  
RT: 7.77 min Scan# 1865  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.2  | 75.8  | 113.8 |
| 121     | 30.8  | 25.4  | 38.0  |

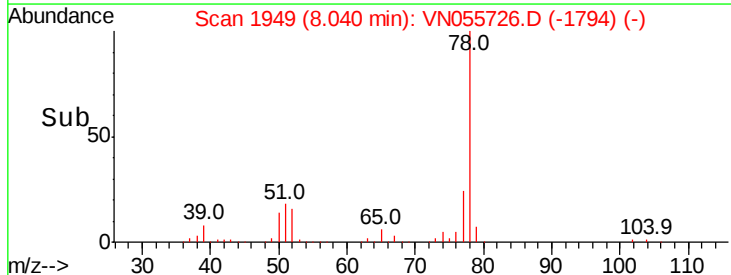
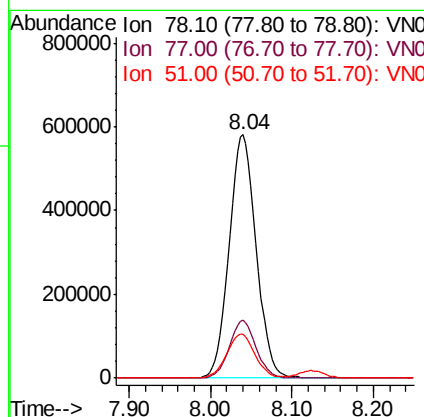
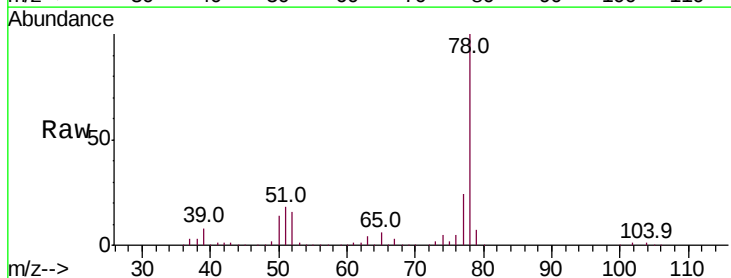
Manual Integrations  
APPROVED

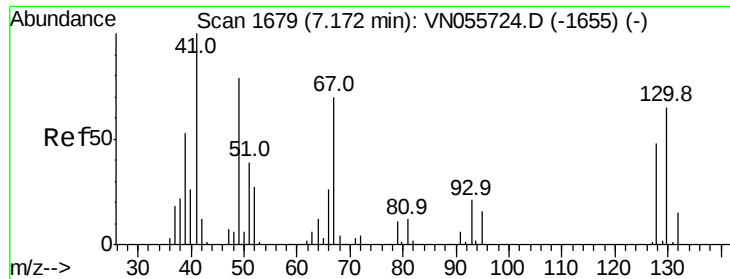
MMDadoda  
5/23/2019 12:31:21 PM



#34  
Benzene  
Concen: 90.657 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.6  | 18.8  | 28.2  |
| 51      | 17.8  | 20.6  | 31.0# |





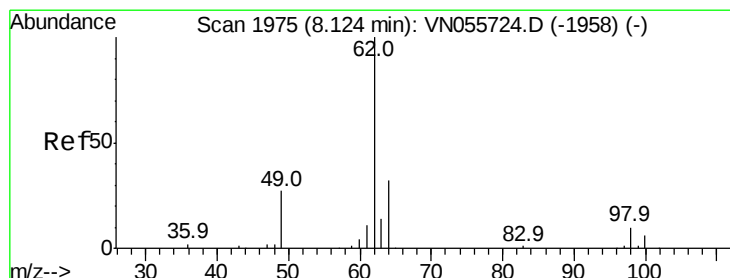
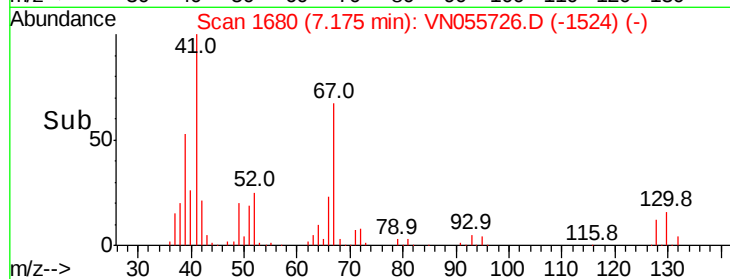
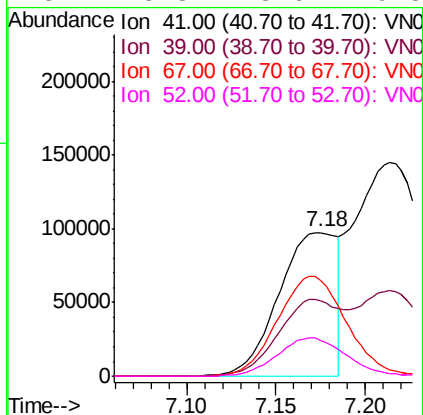
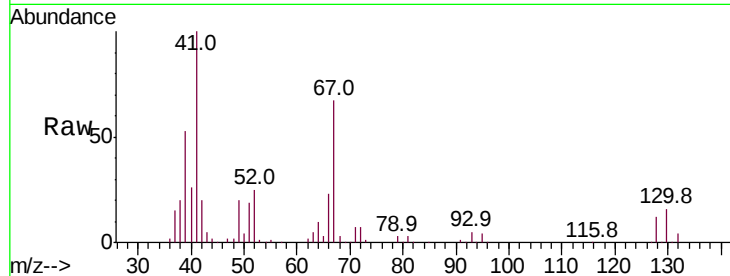
#35  
Methacrylonitrile  
Concen: 96.428 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. 0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 218390 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 52.8  | 26.7  | 80.1   |
| 67       | 67.4  | 34.9  | 104.7  |
| 52       | 25.3  | 13.6  | 40.8   |

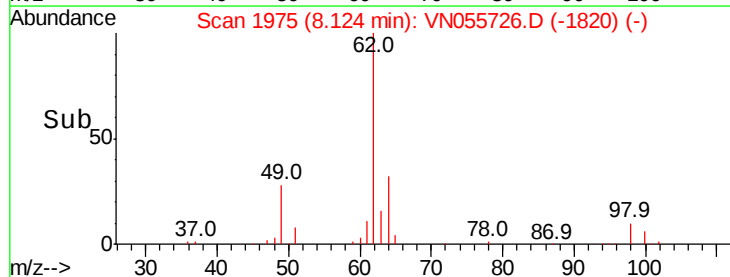
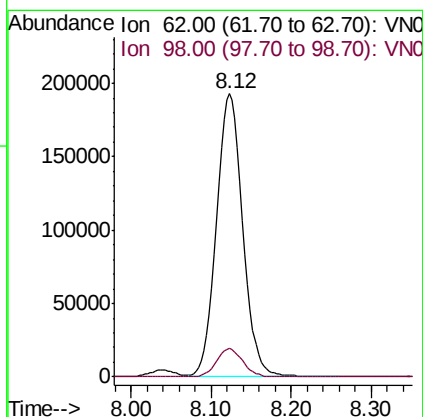
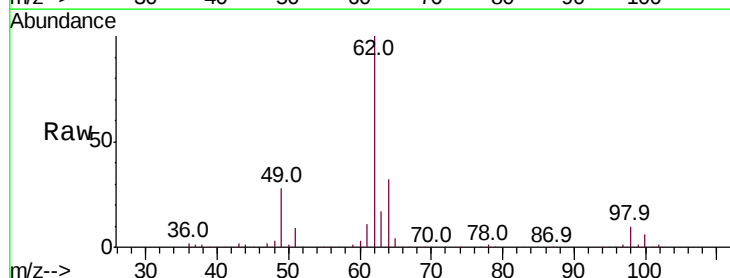
Manual Integrations  
APPROVED

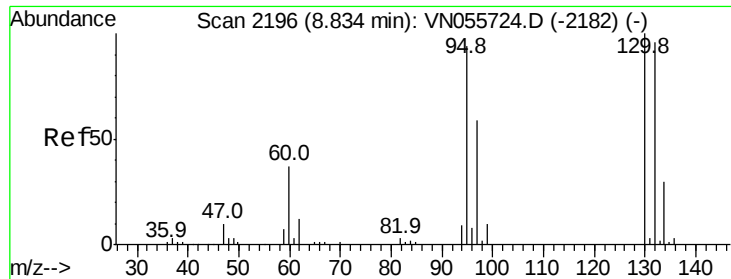
MMDadoda  
5/23/2019 12:31:21 PM



#36  
1,2-Dichloroethane  
Concen: 84.244 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 440400 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.0  | 8.2   | 12.2   |





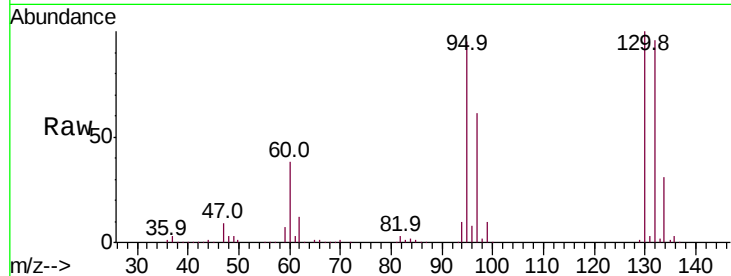
#37  
 Trichloroethene  
 Concen: 98.209 ug/l  
 RT: 8.83 min Scan# 2196  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

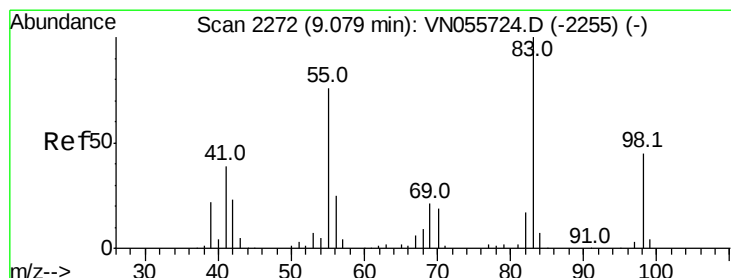
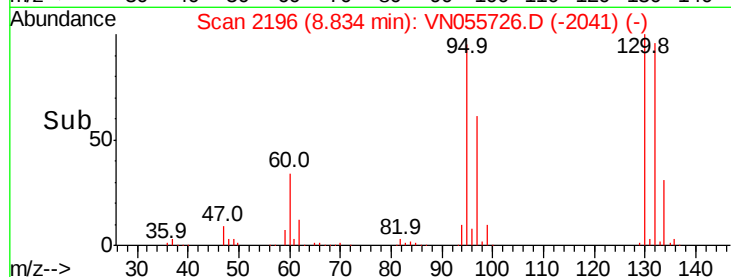
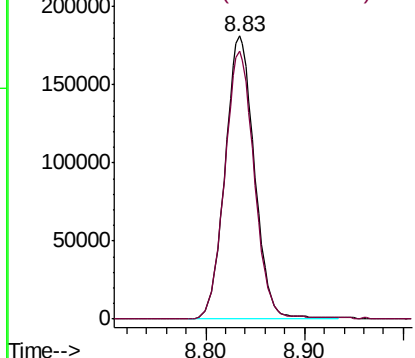
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 130     | 100   | 377139 |       |       |
| 95      | 94.4  | 75.6   | 113.4 |       |

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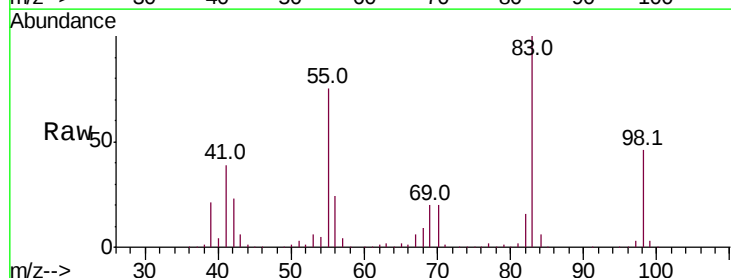


Abundance Ion 129.90 (129.60 to 130.60): V  
 Ion 94.90 (94.60 to 95.60): VN

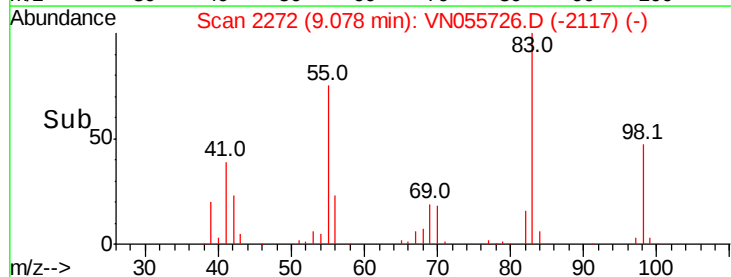
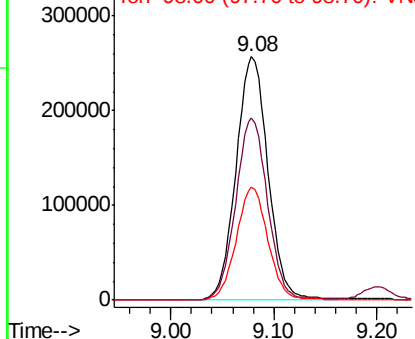


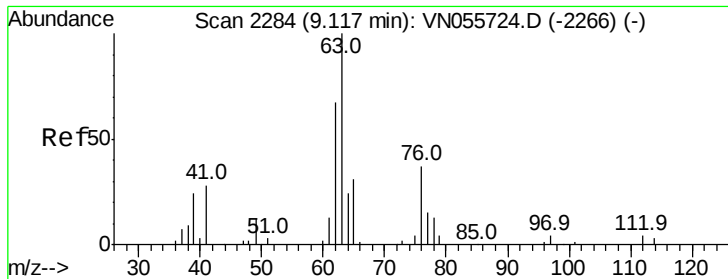
#38  
 Methylcyclohexane  
 Concen: 101.459 ug/l  
 RT: 9.08 min Scan# 2272  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 555946 |       |       |
| 55      | 74.2  | 37.8   | 113.4 |       |
| 98      | 46.1  | 22.6   | 67.8  |       |



Abundance Ion 83.00 (82.70 to 83.70): VNO  
 Ion 55.00 (54.70 to 55.70): VNO  
 Ion 98.00 (97.70 to 98.70): VNO





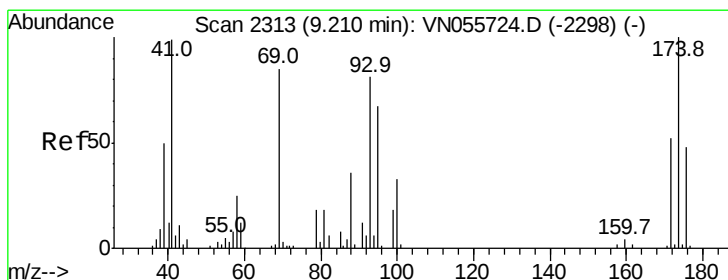
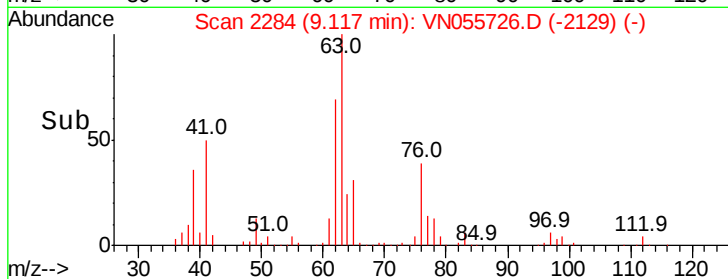
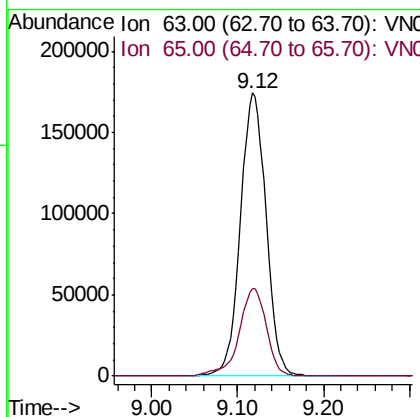
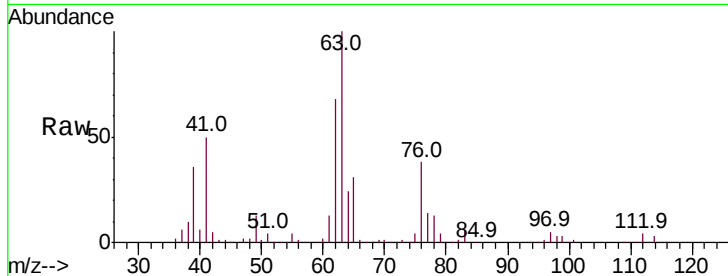
#39  
 1,2-Dichloropropane  
 Concen: 85.983 ug/l  
 RT: 9.12 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.0  | 25.8  | 38.8  |

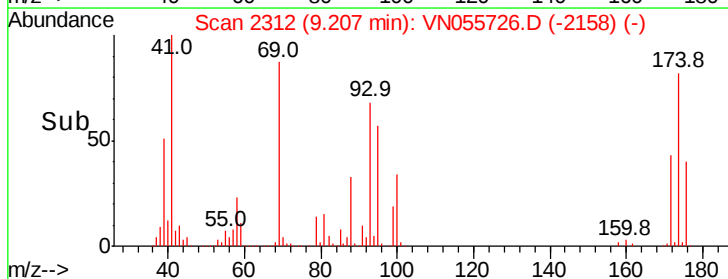
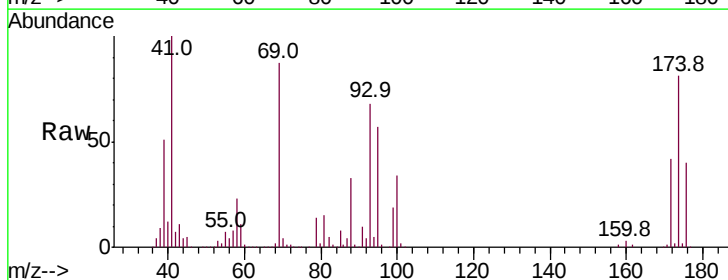
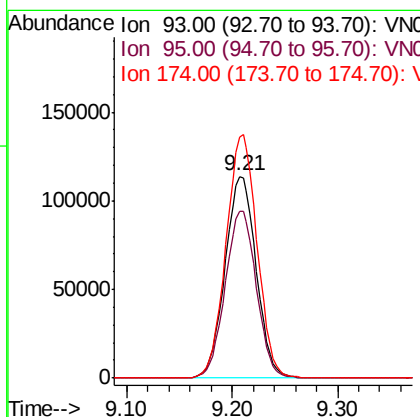
Manual Integrations  
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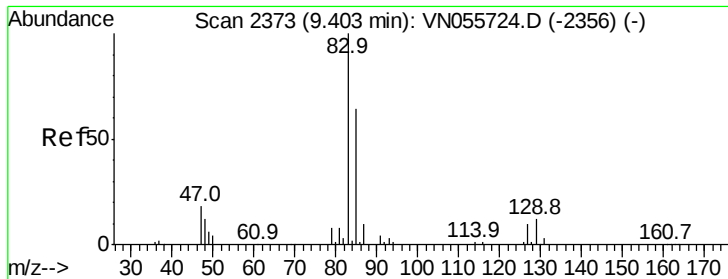
MMDadoda  
 5/23/2019 12:31:21 PM



#40  
 Dibromomethane  
 Concen: 93.792 ug/l  
 RT: 9.21 min Scan# 2312  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 82.7  | 0.0   | 170.6 |
| 174     | 120.3 | 0.0   | 248.4 |





#41

Bromodichloromethane

Concen: 93.267 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA\_N

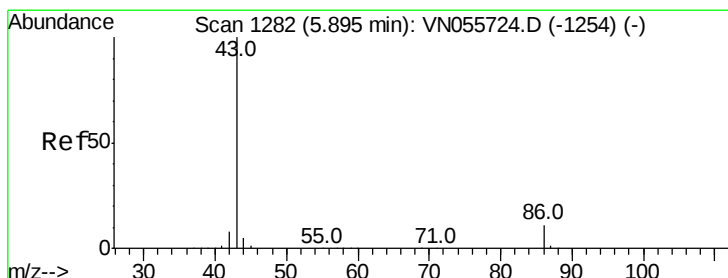
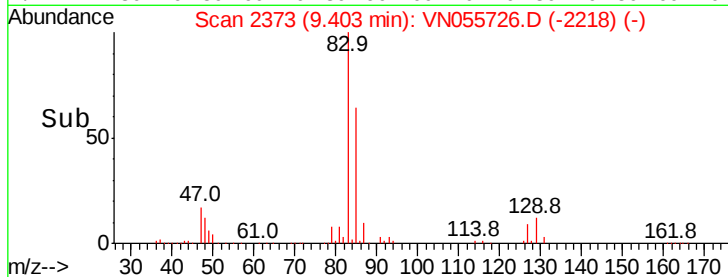
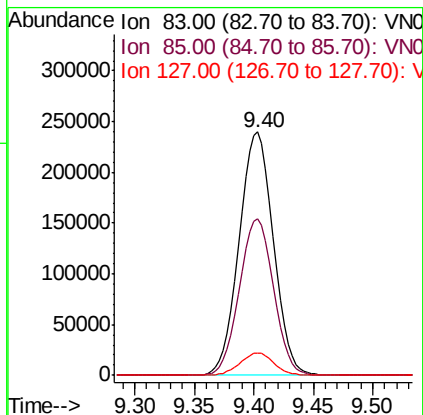
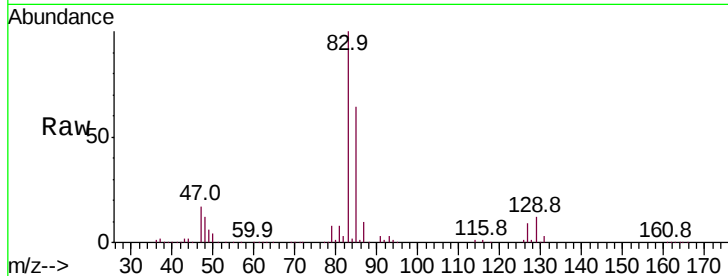
ClientSampleId :

VSTDIC100

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 476158 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.5  | 51.4  | 77.0   |
| 127      | 9.2   | 7.7   | 11.5   |

Manual Integrations  
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5/23/2019 12:31:21 PM



#42

Vinyl Acetate

Concen: 456.360 ug/l

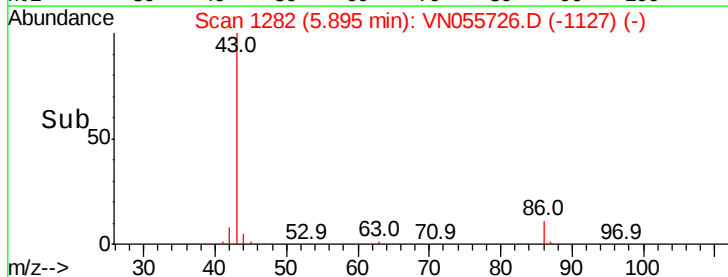
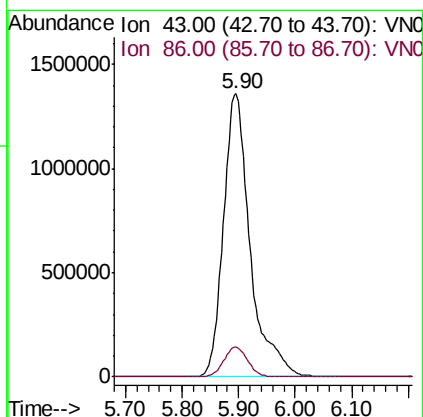
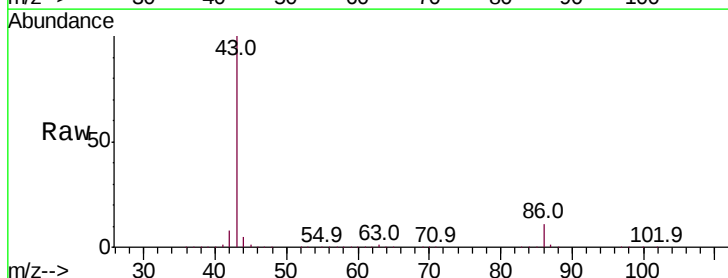
RT: 5.90 min Scan# 1282

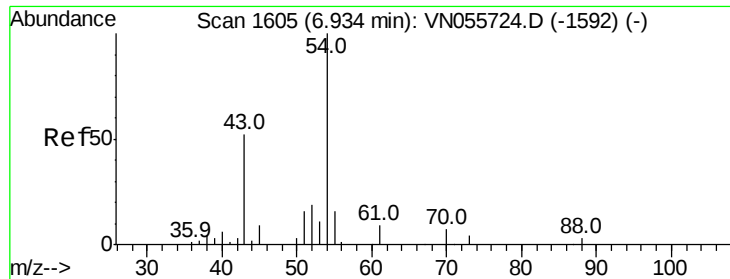
Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 43    | Resp: | 4469170 |
| Ion      | Ratio | Lower | Upper   |
| 43       | 100   |       |         |
| 86       | 9.4   | 7.4   | 11.2    |





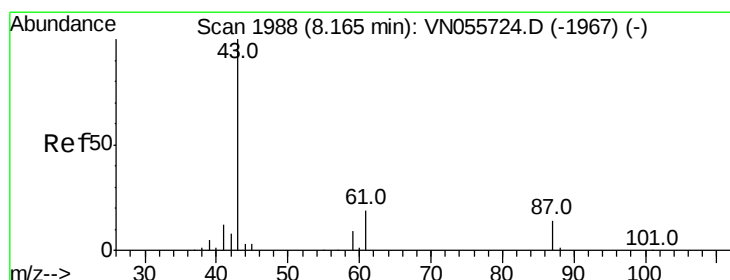
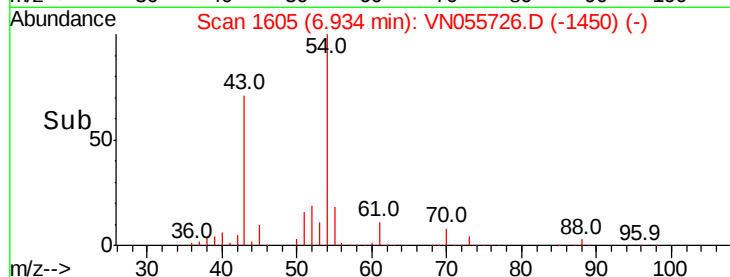
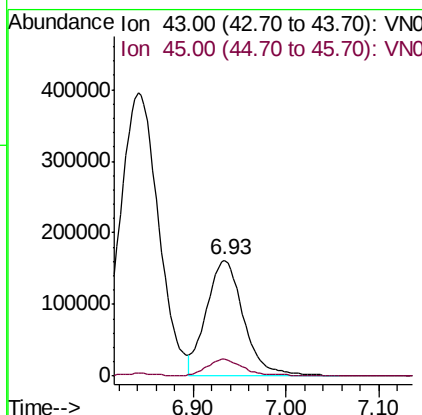
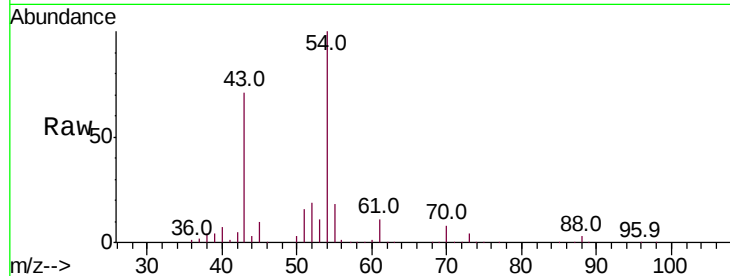
#43  
Ethyl Acetate  
Concen: 101.311 ug/l  
RT: 6.93 min Scan# 1605  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC100

Tot Ion: 43 Resp: 442754  
Ion Ratio Lower Upper  
43 100  
45 14.9 0.0 0.0#

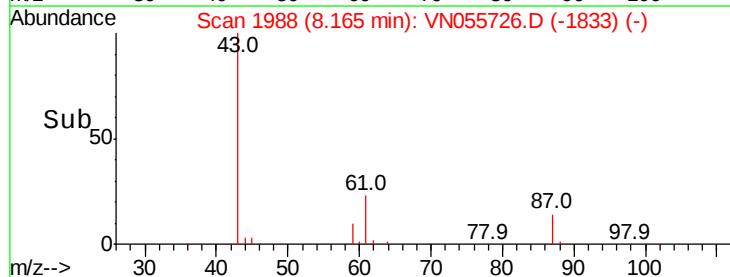
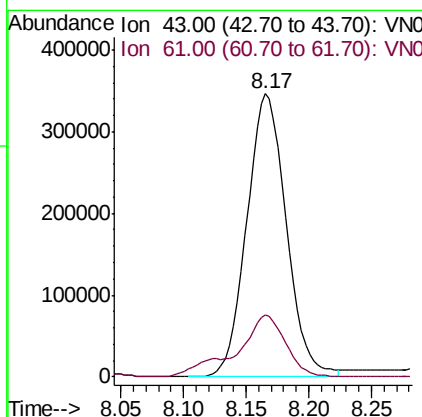
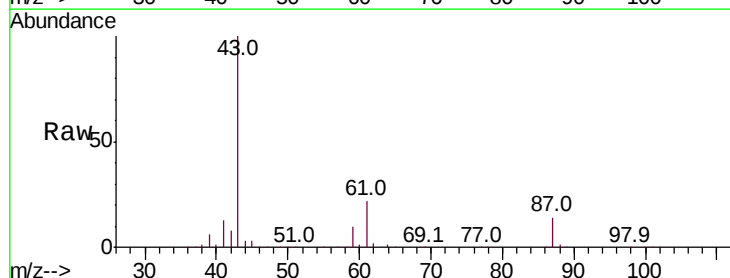
Manual Integrations  
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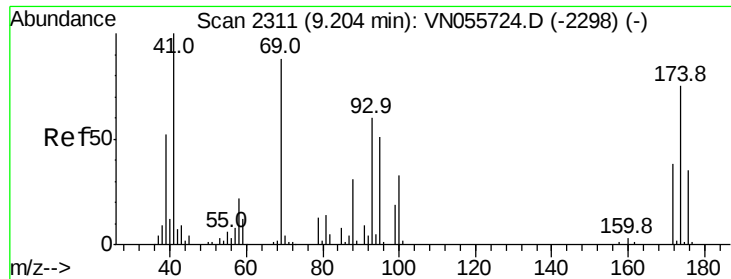
MMDadoda  
5/23/2019 12:31:21 PM



#44  
Isopropyl Acetate  
Concen: 97.378 ug/l  
RT: 8.17 min Scan# 1988  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Tgt Ion: 43 Resp: 757682  
Ion Ratio Lower Upper  
43 100  
61 21.4 22.1 33.1#





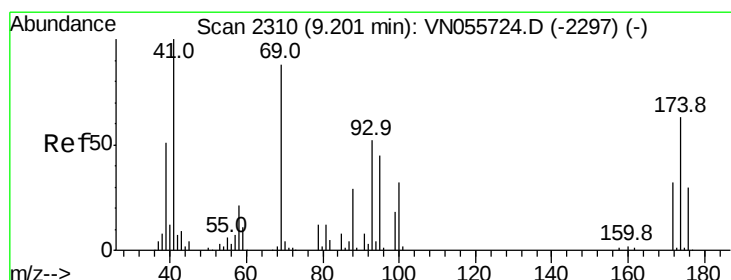
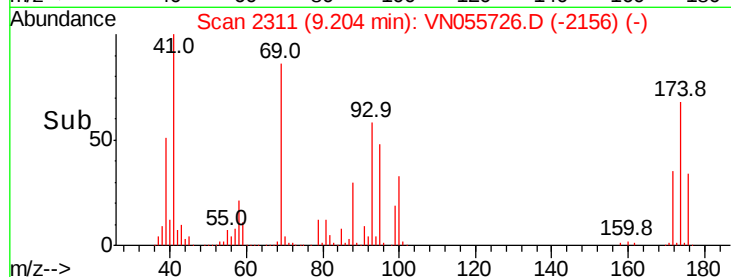
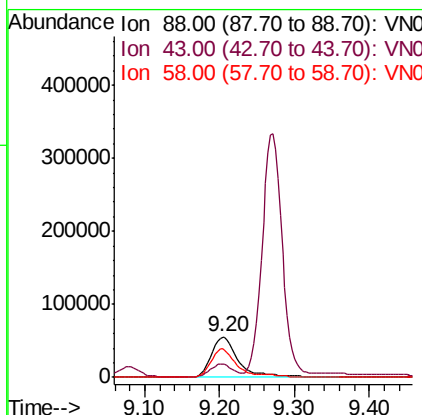
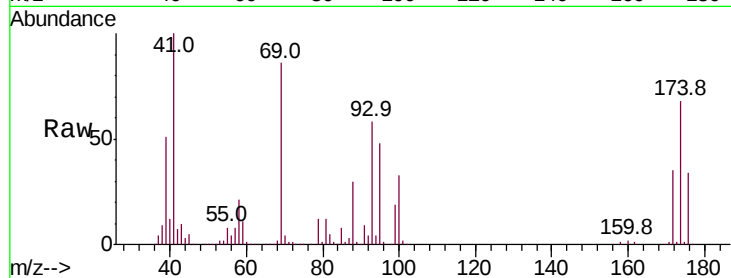
#45  
1,4-Dioxane  
Concen: 2990.868 ug/l  
RT: 9.20 min Scan# 2311  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 26.0  | 20.5  | 30.7  |
| 58      | 64.5  | 56.1  | 84.1  |

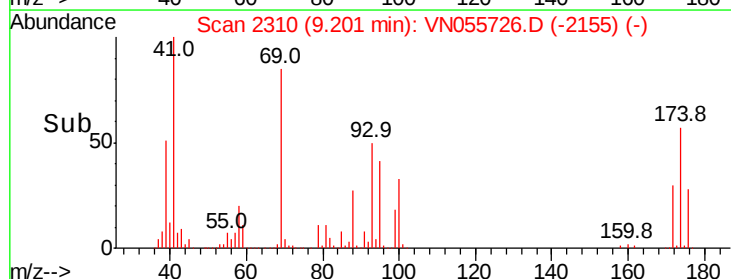
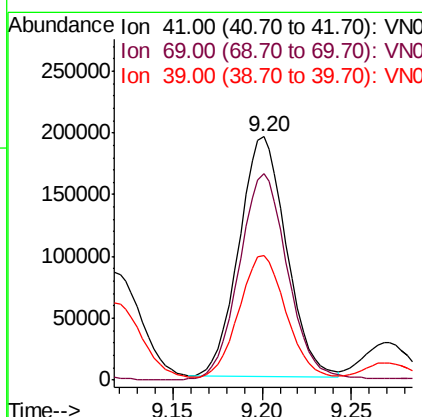
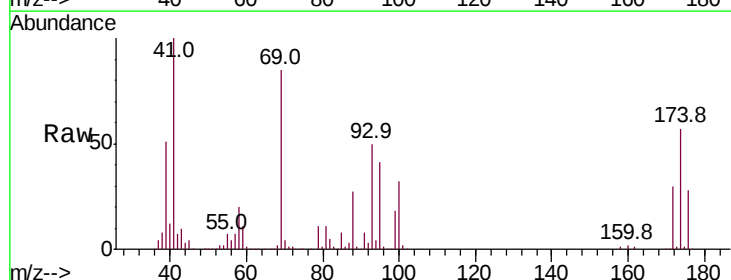
Manual Integrations  
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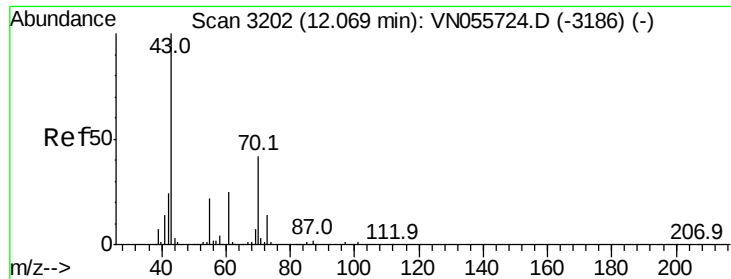
MMDadoda  
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#46  
Methyl methacrylate  
Concen: 98.310 ug/l  
RT: 9.20 min Scan# 2310  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 85.8  | 43.8  | 131.4 |
| 39      | 51.0  | 25.6  | 76.6  |





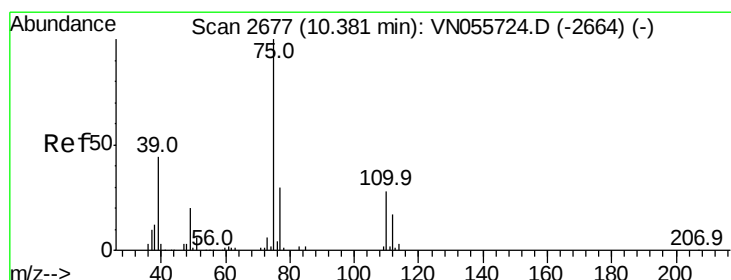
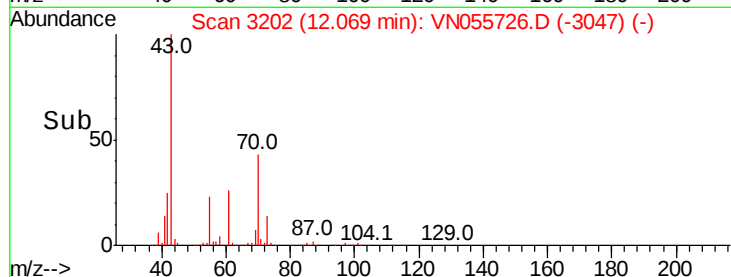
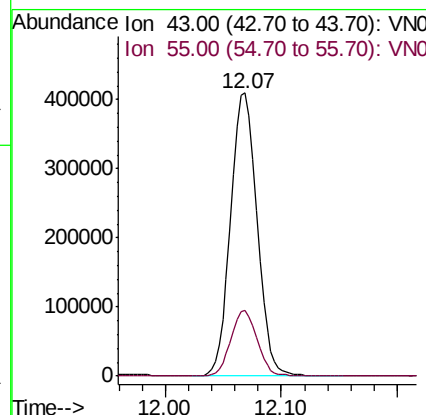
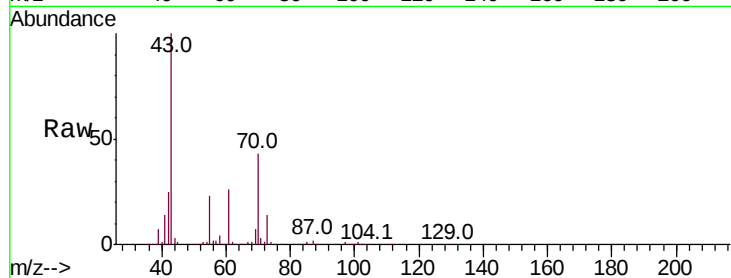
#47  
n-amyl Acetate  
Concen: 110.610 ug/l  
RT: 12.07 min Scan# 3202  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tot Ion: 43 Resp: 644209  
Ion Ratio Lower Upper  
43 100  
55 22.9 17.8 26.6

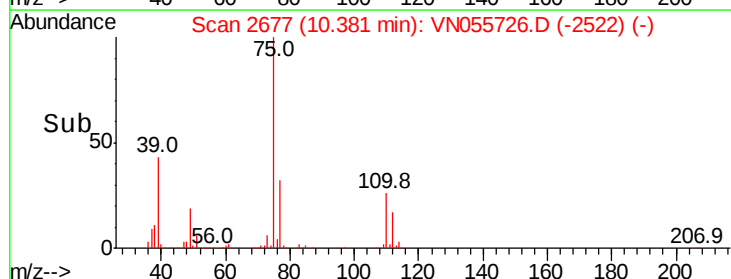
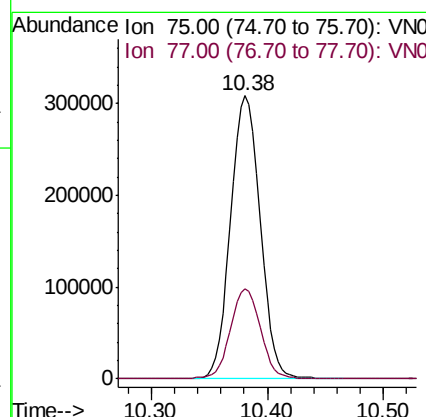
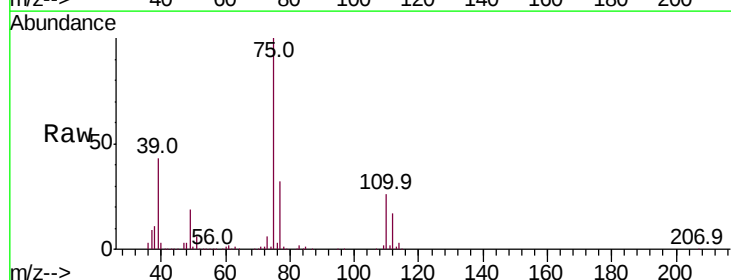
Manual Integrations  
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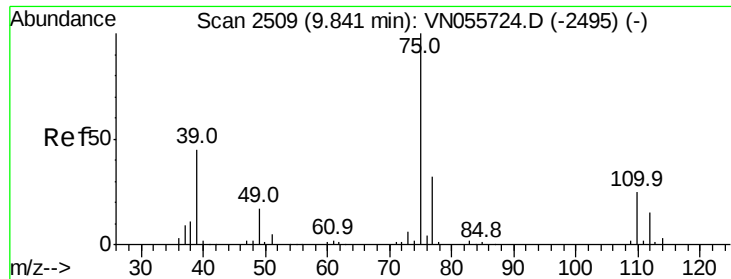
MMDadoda  
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#48  
t-1,3-Dichloropropene  
Concen: 105.714 ug/l  
RT: 10.38 min Scan# 2677  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Tgt Ion: 75 Resp: 545267  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.2 37.8





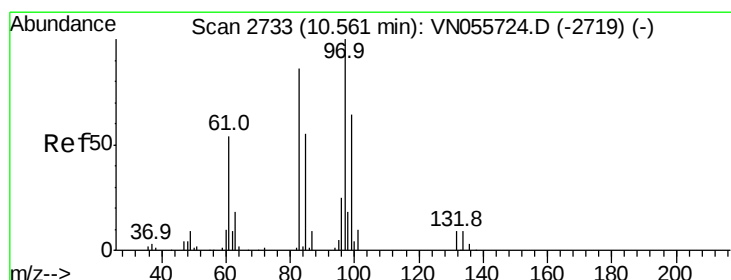
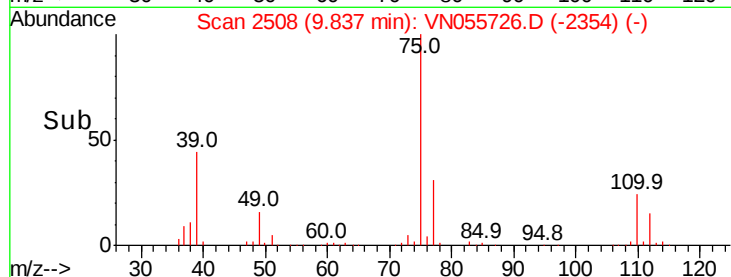
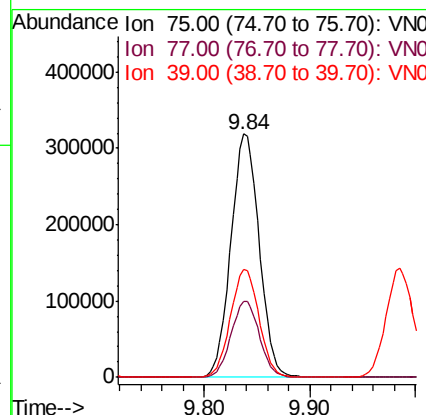
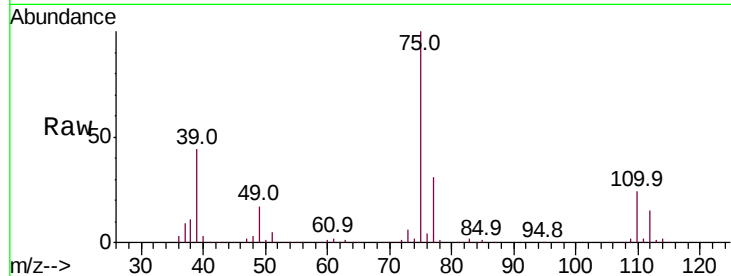
#49  
 cis-1,3-Dichloropropene  
 Concen: 100.178 ug/l  
 RT: 9.84 min Scan# 2508  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 77      | 31.4  | 26.0 | 39.0  |       |
| 39      | 44.2  | 36.2 | 54.4  |       |

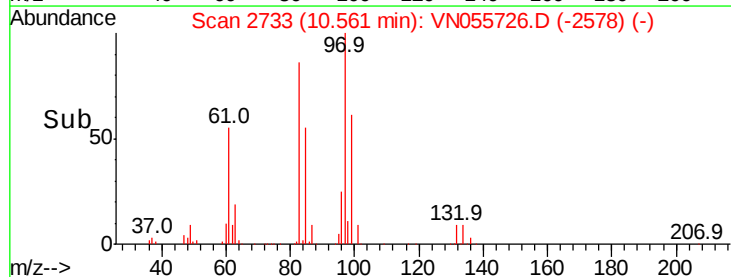
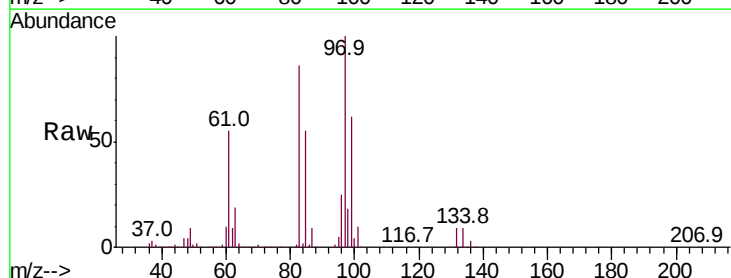
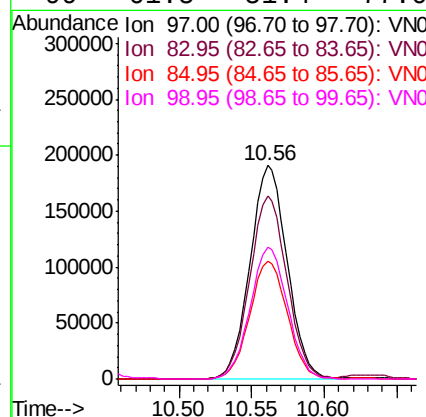
Manual Integrations  
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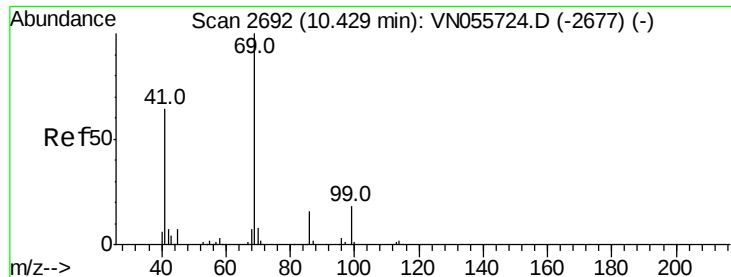
MMDadoda  
 5/23/2019 12:31:21 PM



#50  
 1,1,2-Trichloroethane  
 Concen: 99.180 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 97      | 100   |      |       |       |
| 83      | 85.9  | 68.9 | 103.3 |       |
| 85      | 55.4  | 44.3 | 66.5  |       |
| 99      | 61.5  | 51.4 | 77.0  |       |





#51

Ethyl methacrylate

Concen: 113.918 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA\_N

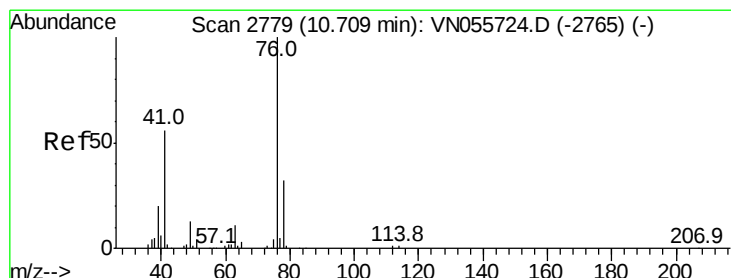
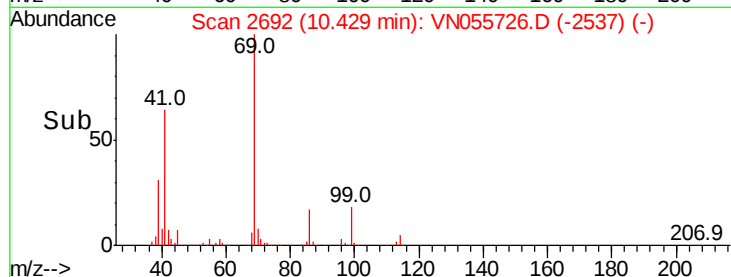
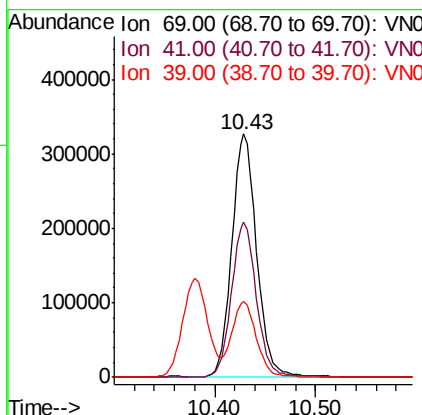
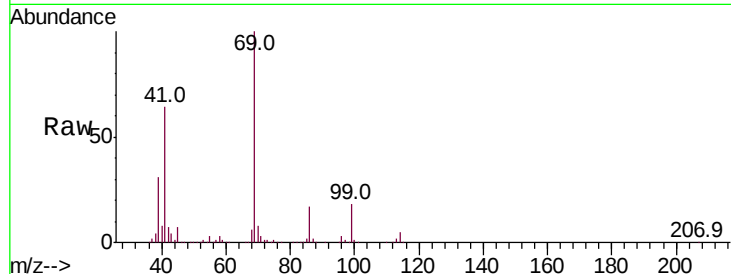
ClientSampled :

VSTDIC100

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 69    | Resp: | 560108 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 63.3  | 31.9  | 95.7   |
| 39       | 30.9  | 15.7  | 47.0   |

Manual Integrations  
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5/23/2019 12:31:21 PM



#52

1,3-Dichloropropane

Concen: 93.790 ug/l

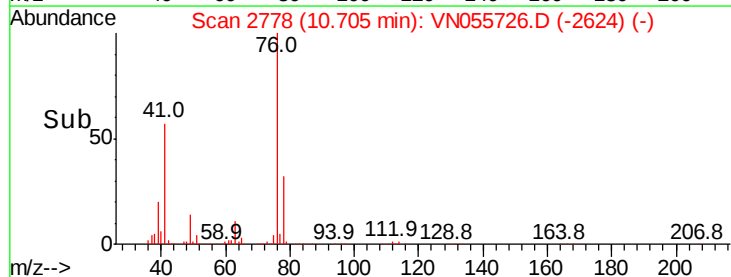
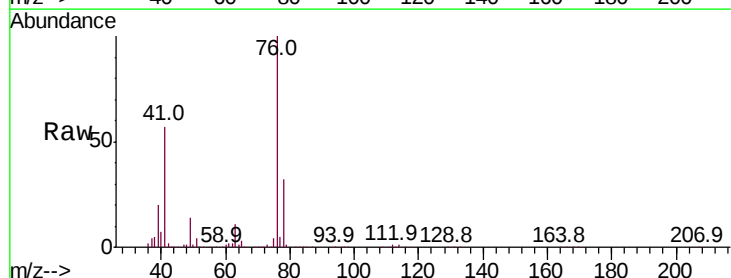
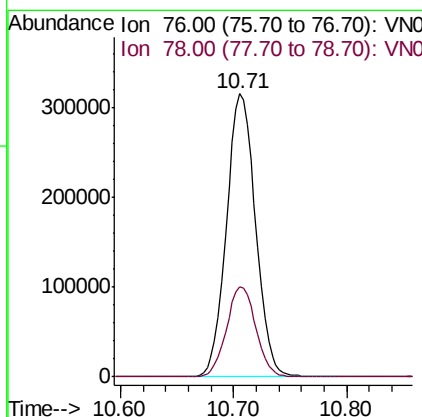
RT: 10.71 min Scan# 2778

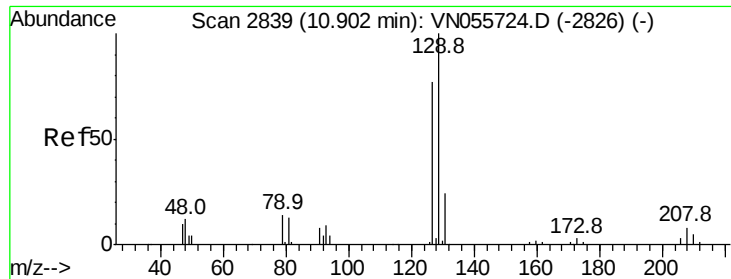
Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 76    | Resp: | 565591 |
| Ion      | Ratio | Lower | Upper  |
| 76       | 100   |       |        |
| 78       | 32.2  | 0.0   | 65.0   |





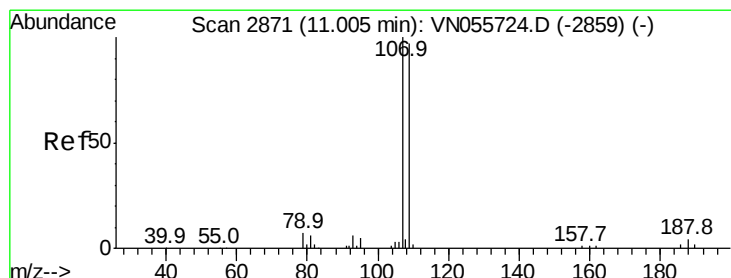
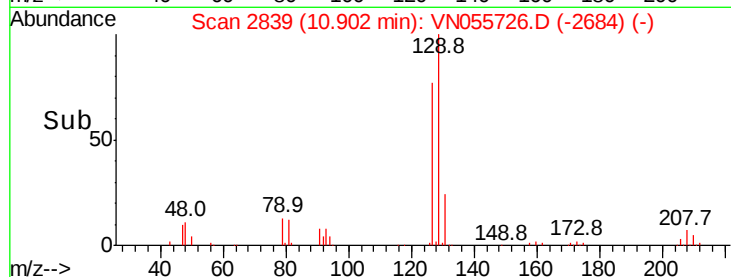
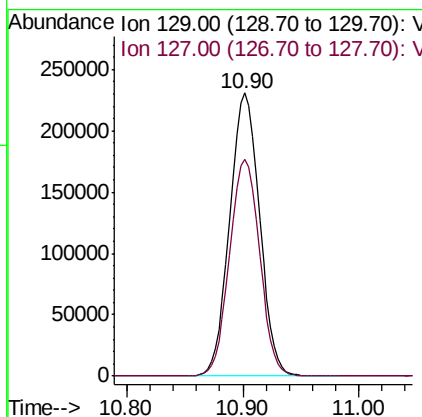
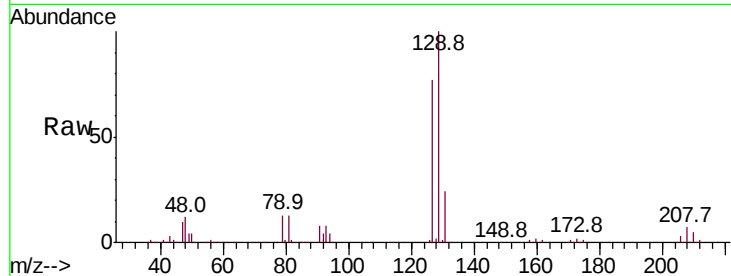
#53  
 Dibromochloromethane  
 Concen: 112.039 ug/l  
 RT: 10.90 min Scan# 2839  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC100

Tot Ion:129 Resp: 411730  
 Ion Ratio Lower Upper  
 129 100  
 127 77.2 39.2 117.6

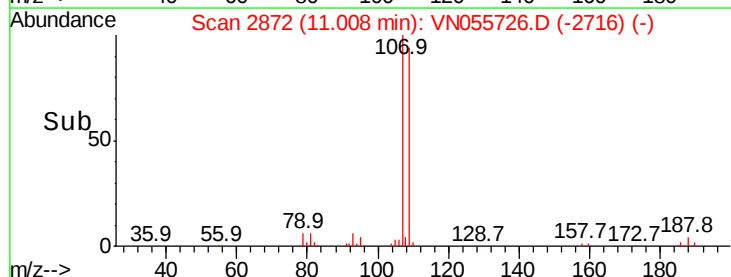
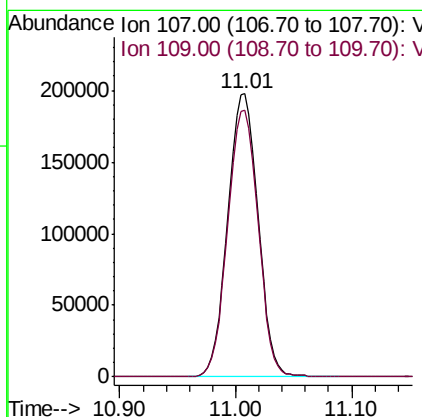
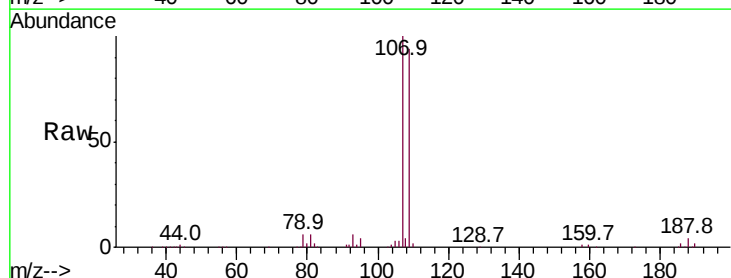
Manual Integrations  
 APPROVED

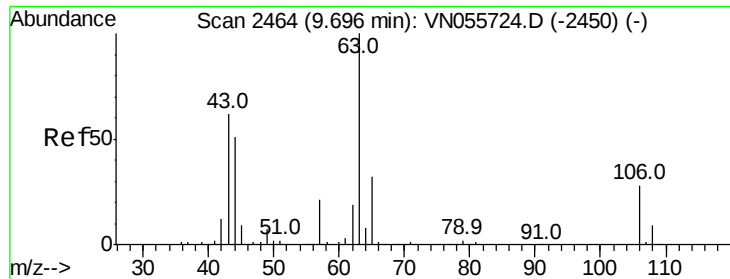
MMDadoda  
 5/23/2019 12:31:21 PM



#54  
 1,2-Dibromoethane  
 Concen: 105.218 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. 0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

Tgt Ion:107 Resp: 357837  
 Ion Ratio Lower Upper  
 107 100  
 109 95.0 76.6 115.0





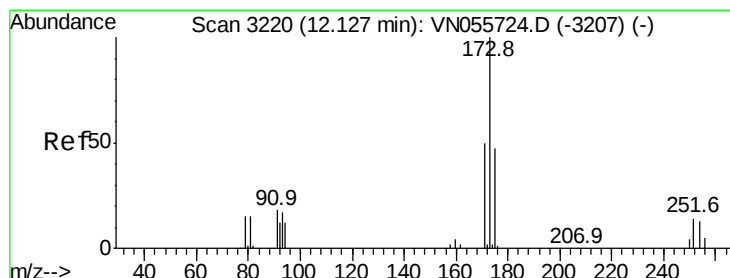
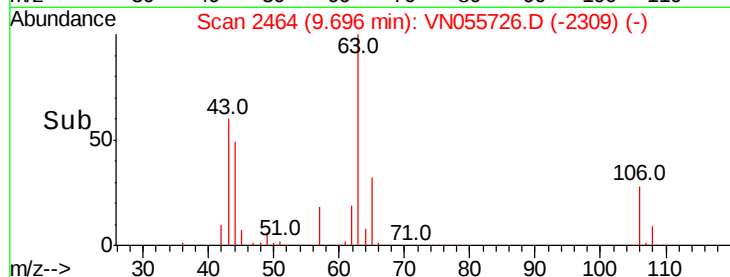
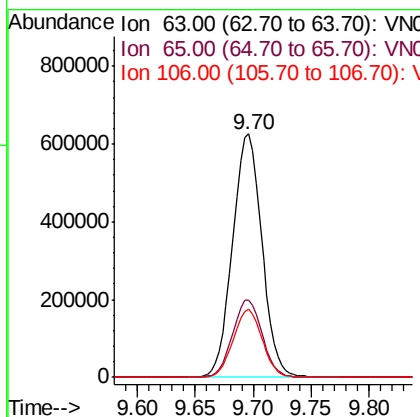
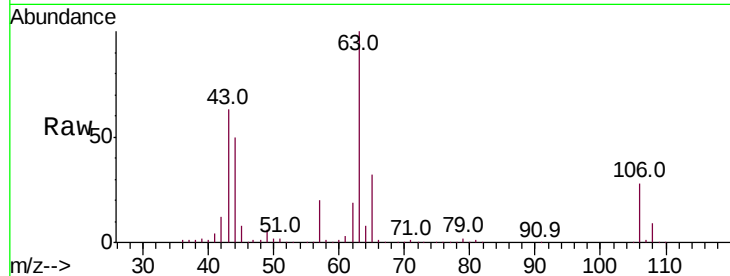
#55  
2-Chloroethyl vinyl ether  
Concen: 697.921 ug/l  
RT: 9.70 min Scan# 2464  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tot Ion: 63 Resp: 1100654  
Ion Ratio Lower Upper  
63 100  
65 32.1 25.4 38.0  
106 27.6 22.1 33.1

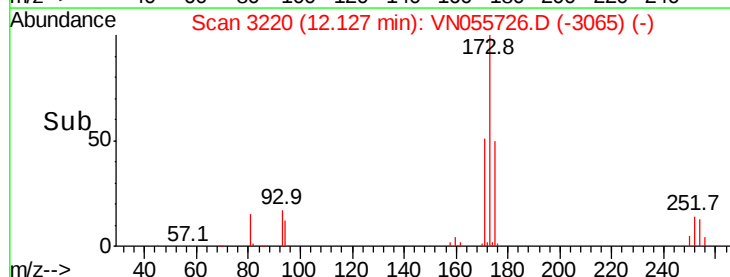
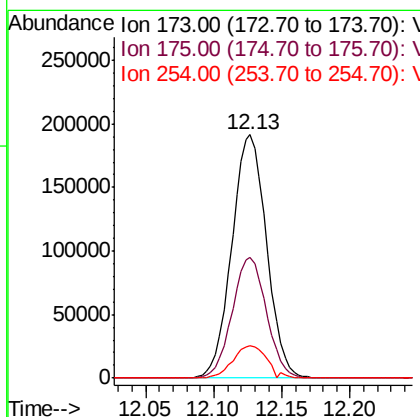
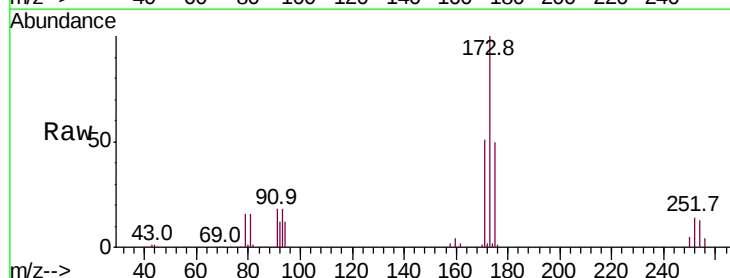
Manual Integrations  
APPROVED

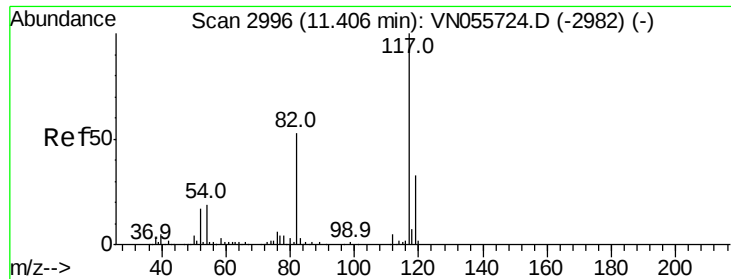
MMDadoda  
5/23/2019 12:31:21 PM



#56  
Bromoform  
Concen: 132.838 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Tgt Ion:173 Resp: 338918  
Ion Ratio Lower Upper  
173 100  
175 48.8 38.5 57.7  
254 12.4 9.4 14.0





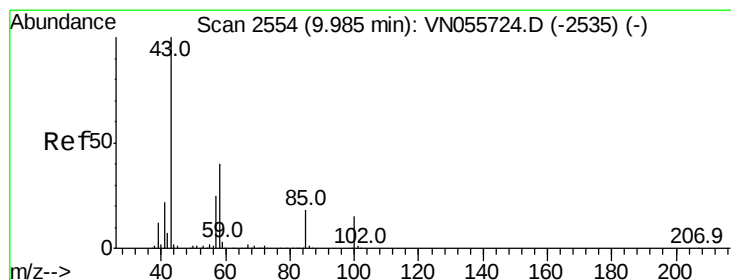
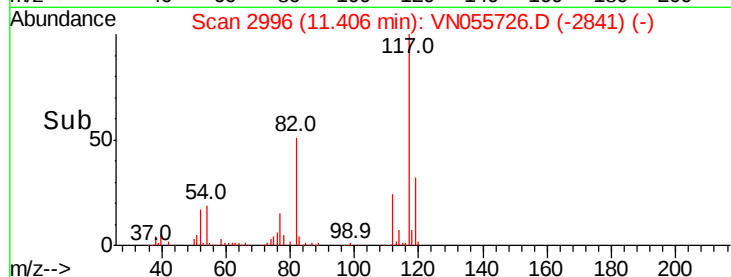
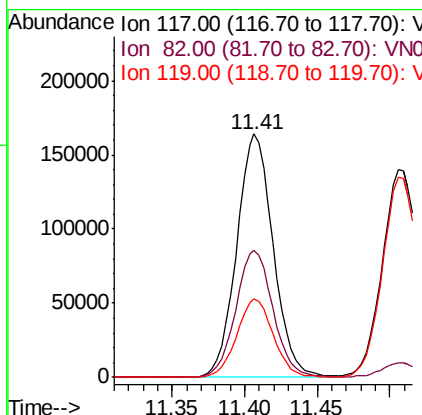
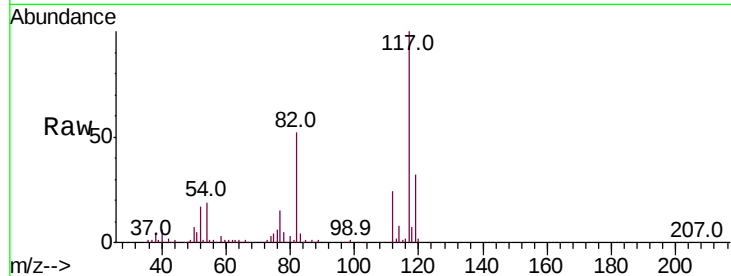
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.3  | 42.6  | 64.0  |
| 119     | 32.3  | 25.9  | 38.9  |

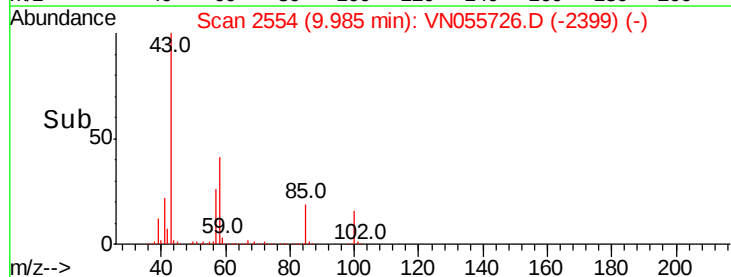
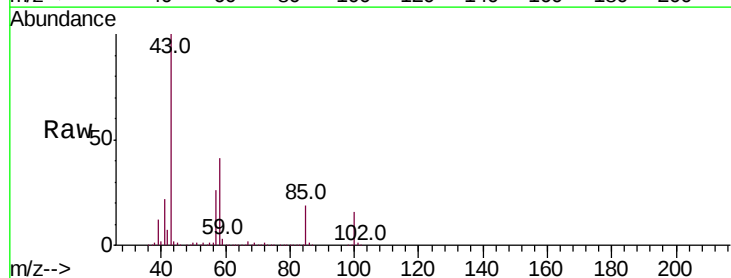
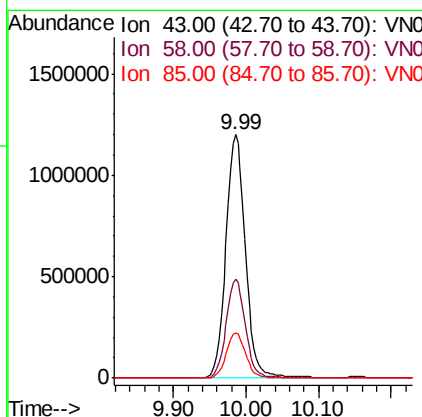
Manual Integrations  
APPROVED

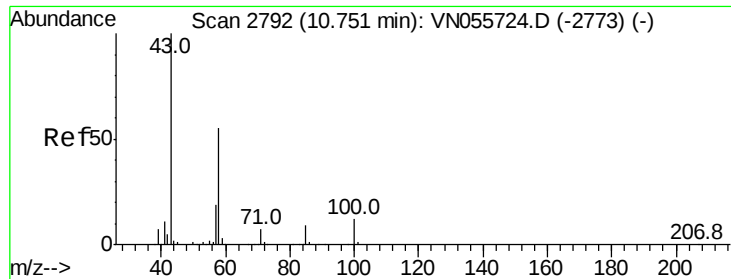
MMDadoda  
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#58  
4-Methyl-2-Pentanone  
Concen: 490.831 ug/l  
RT: 9.99 min Scan# 2554  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 40.2  | 31.7  | 47.5  |
| 85      | 18.7  | 14.5  | 21.7  |





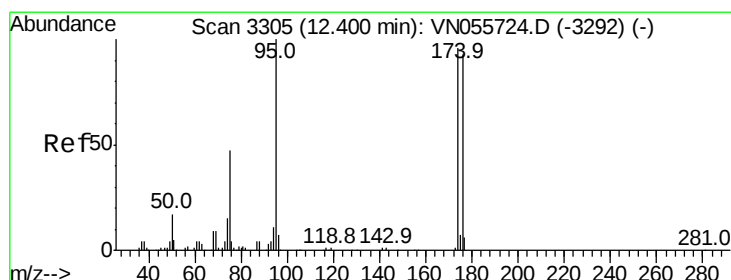
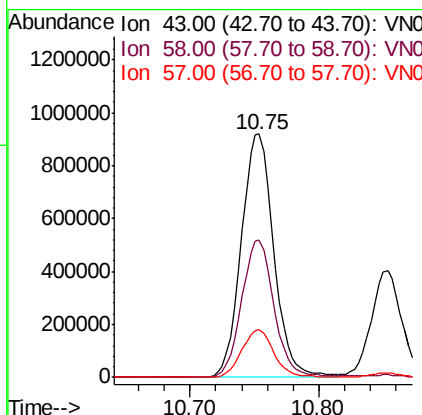
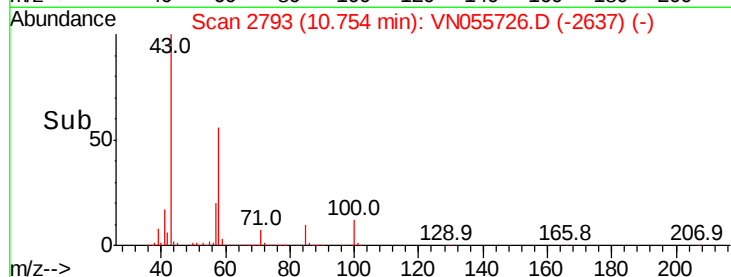
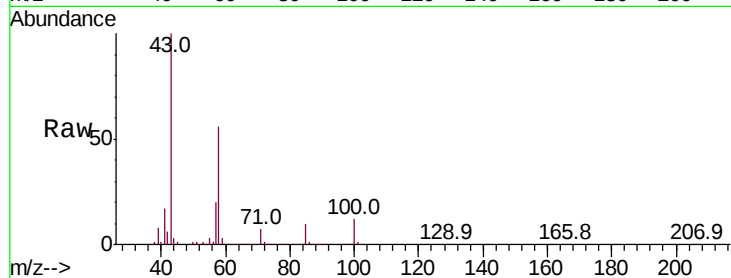
#59  
2-Hexanone  
Concen: 541.168 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tot Ion: 43 Resp: 1613730  
Ion Ratio Lower Upper  
43 100  
58 56.2 44.8 67.2  
57 19.5 15.3 22.9

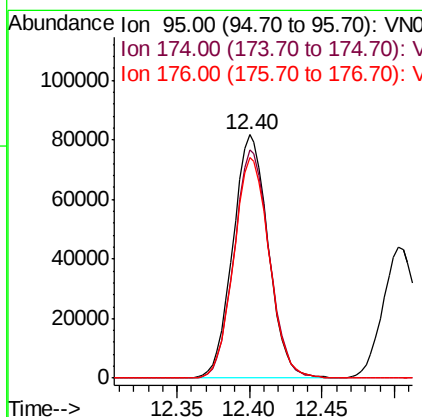
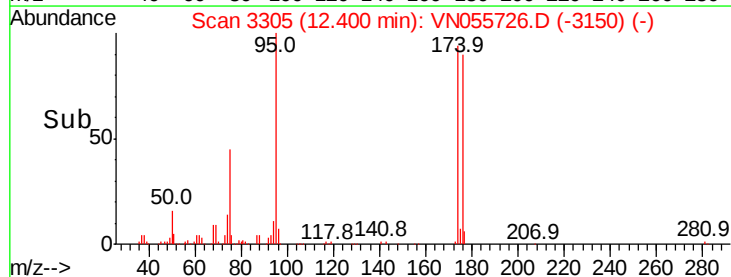
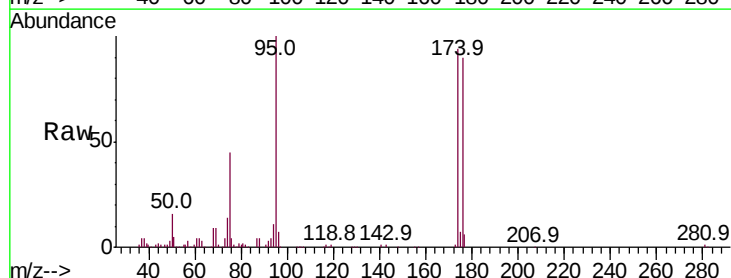
Manual Integrations  
APPROVED

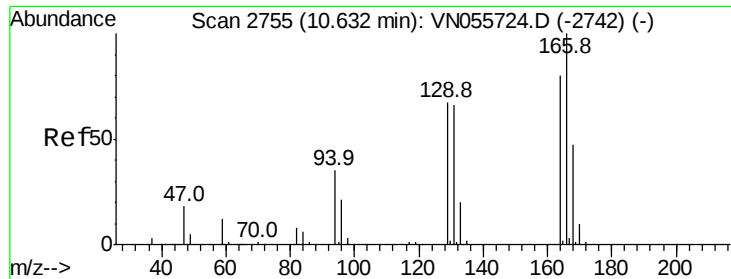
MMDadoda  
5/23/2019 12:31:21 PM



#60  
4-Bromofluorobenzene  
Concen: 31.290 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Tgt Ion: 95 Resp: 138662  
Ion Ratio Lower Upper  
95 100  
174 93.2 75.7 113.5  
176 91.2 74.1 111.1





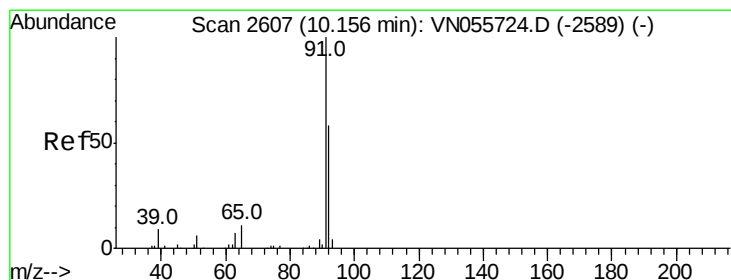
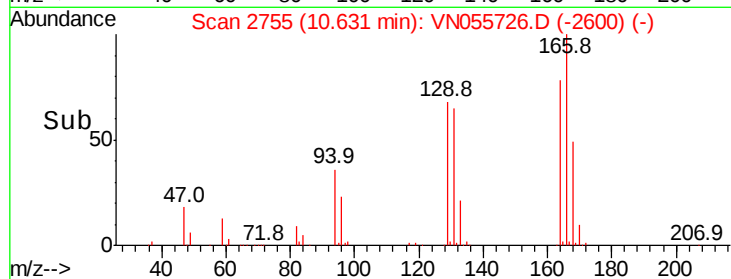
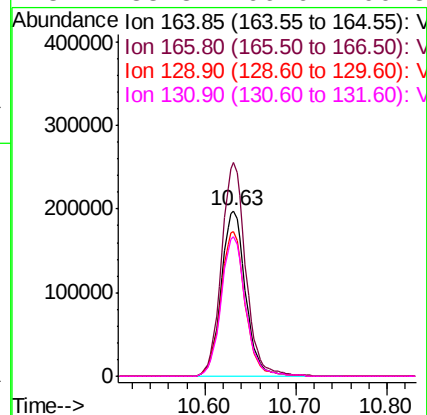
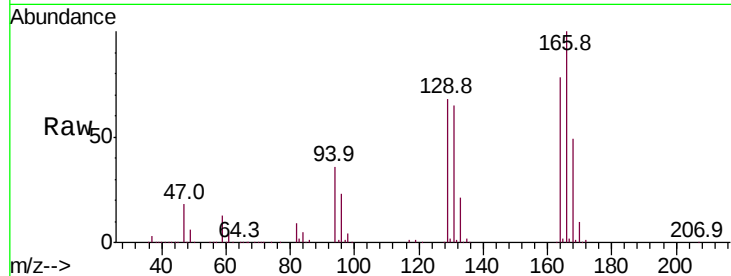
#61  
Tetrachloroethene  
Concen: 98.460 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   |       |       |       |
| 166     | 128.8 | 100.6 | 150.8 |       |
| 129     | 87.6  | 67.4  | 101.2 |       |
| 131     | 83.8  | 66.6  | 99.8  |       |

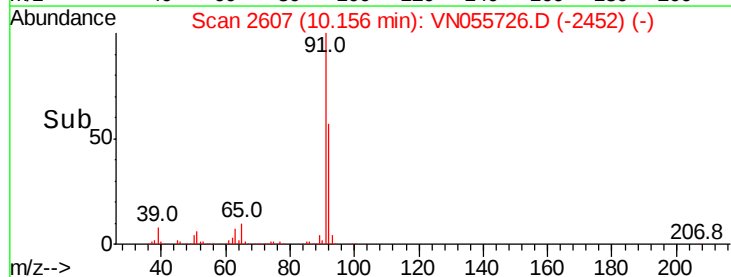
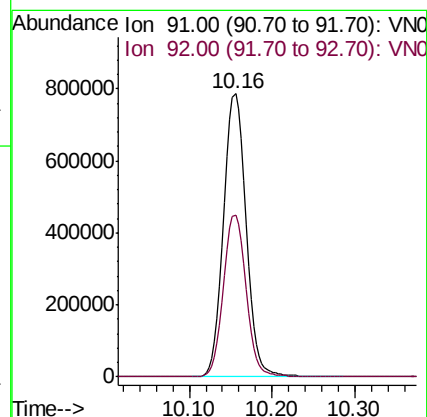
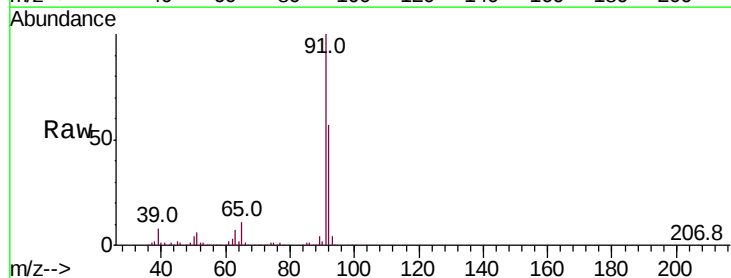
Manual Integrations  
APPROVED

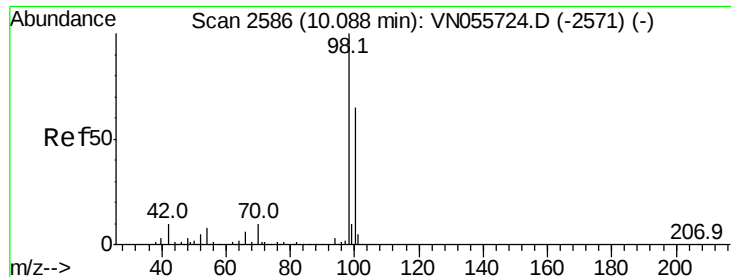
MMDadoda  
5/23/2019 12:31:21 PM



#62  
Toluene  
Concen: 92.579 ug/l  
RT: 10.16 min Scan# 2607  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 91      | 100   |      |       |       |
| 92      | 57.5  | 45.6 | 68.4  |       |





#63

Toluene-d8

Concen: 28.505 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

Tot Ion: 98 Resp: 386057

Ion Ratio Lower Upper

98 100

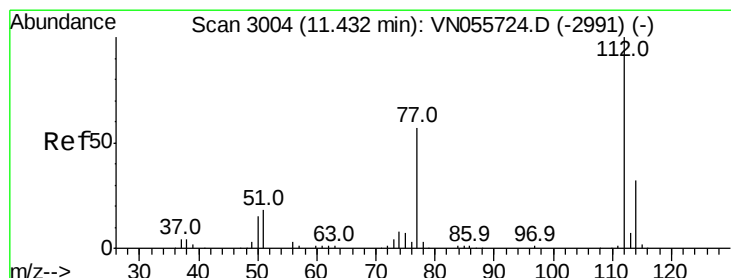
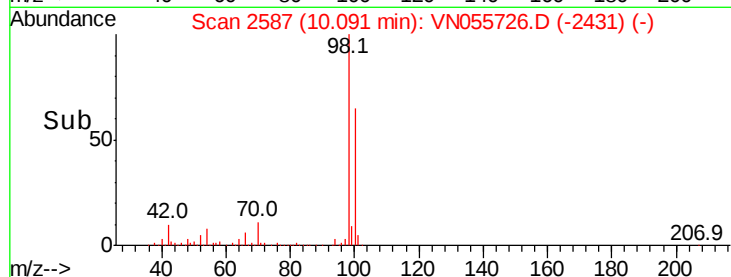
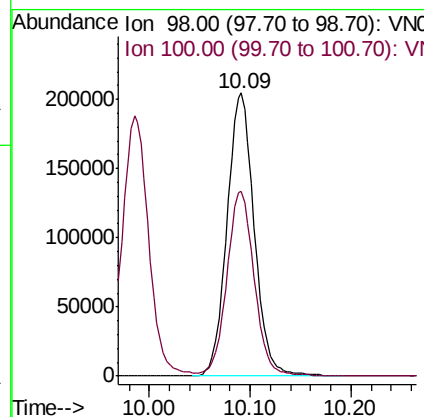
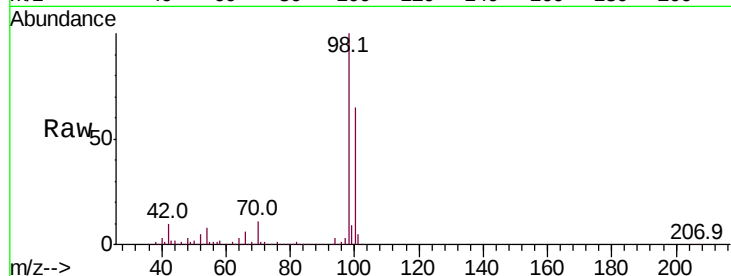
100 65.2 51.6 77.4

Manual Integrations

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#64

Chlorobenzene

Concen: 95.830 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN055726.D

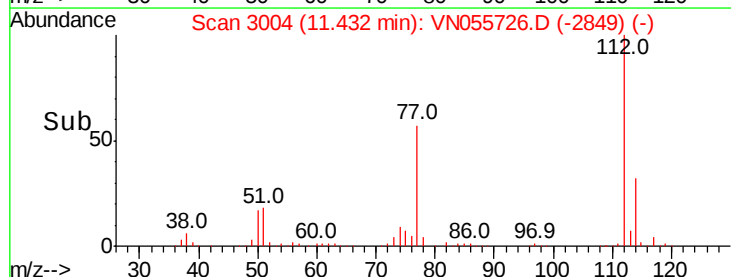
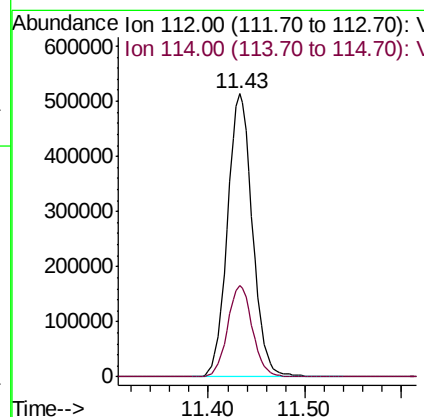
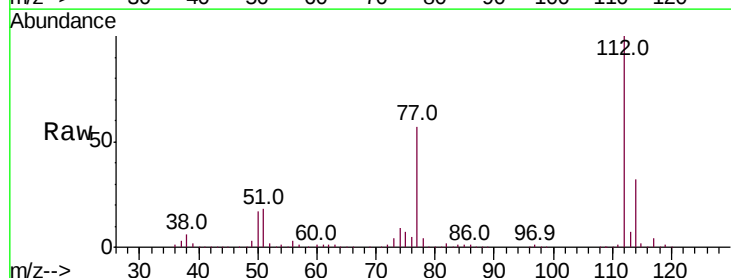
Acq: 22 May 2019 18:12

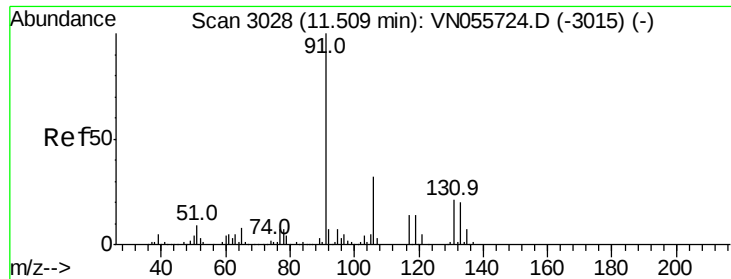
Tgt Ion: 112 Resp: 919234

Ion Ratio Lower Upper

112 100

114 32.1 25.4 38.0





#65

1,1,1,2-Tetrachloroethane

Concen: 99.677 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA\_N

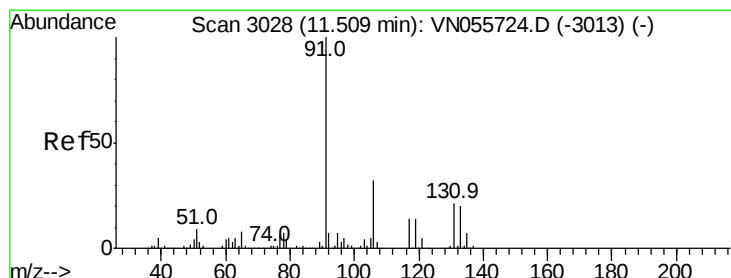
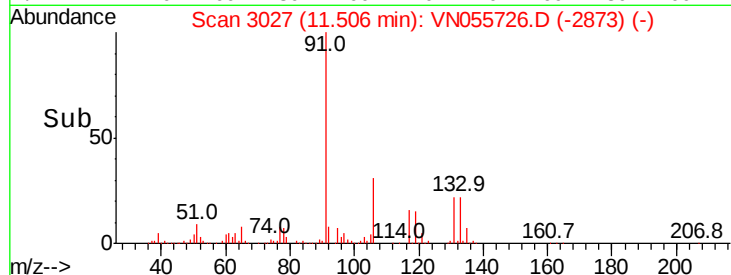
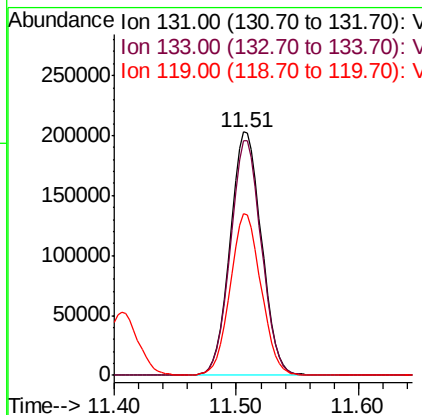
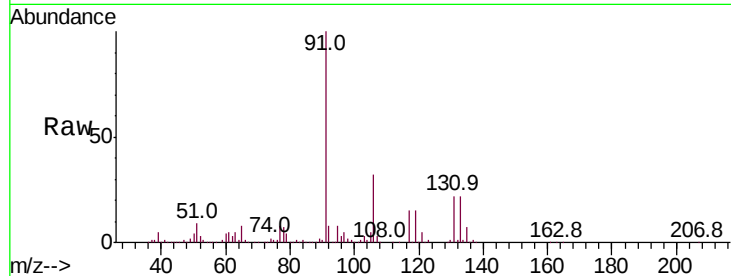
ClientSampled :

VSTDIC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 131     | 100   | 363556 |       |       |
| 133     | 95.4  | 0.0    | 188.8 |       |
| 119     | 65.3  | 0.0    | 133.6 |       |

Manual Integrations  
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#66

Ethyl Benzene

Concen: 95.108 ug/l

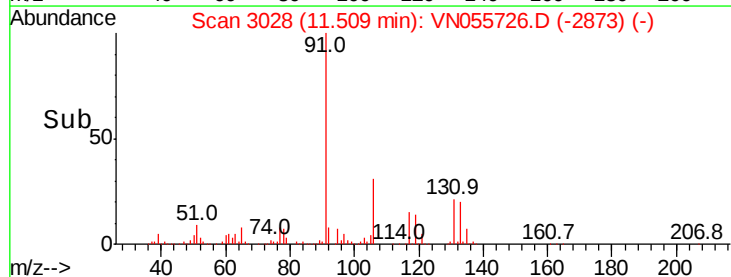
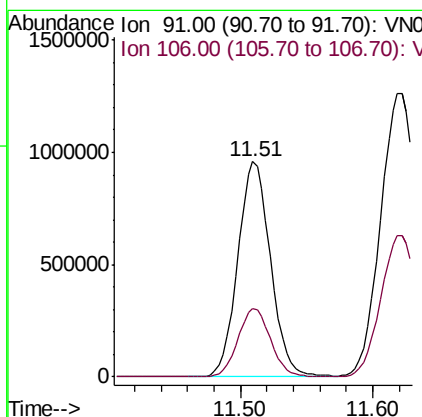
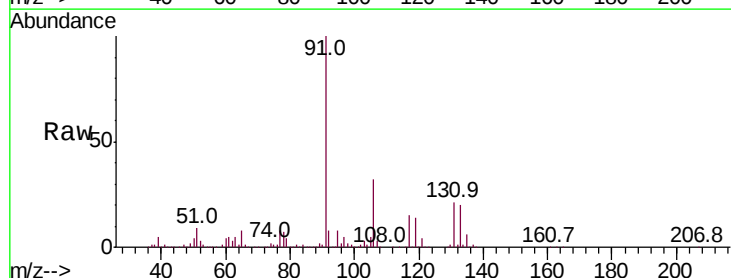
RT: 11.51 min Scan# 3028

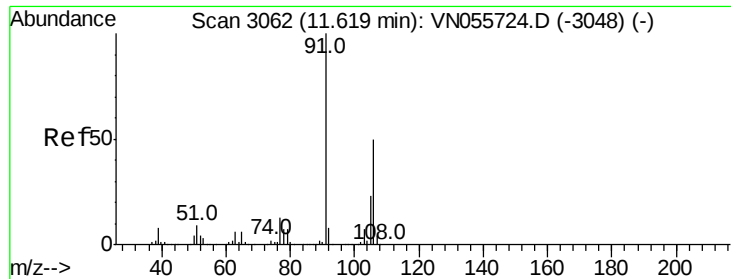
Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 91      | 100   | 1643526 |       |       |
| 106     | 31.9  | 25.6    | 38.4  |       |





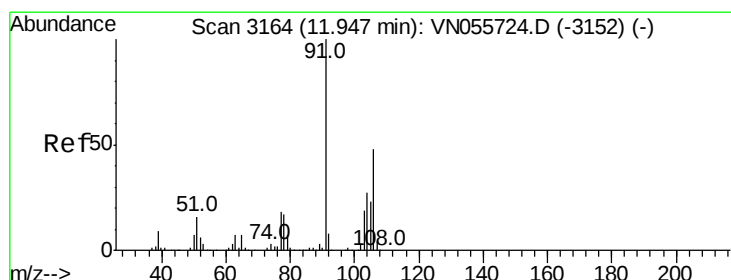
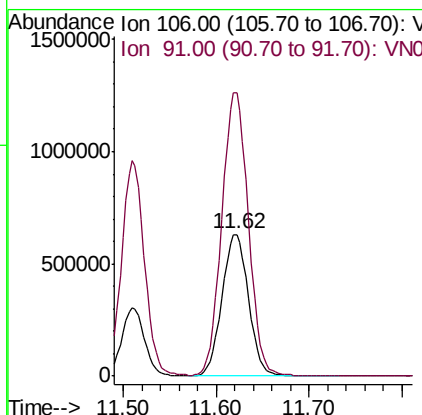
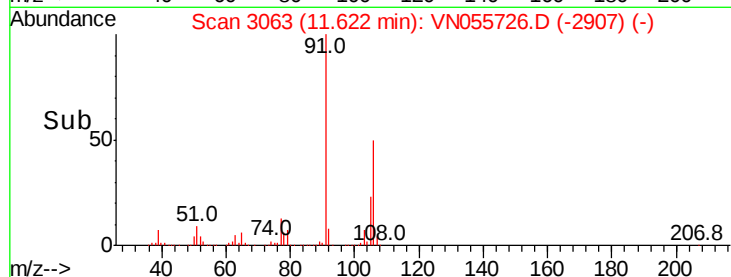
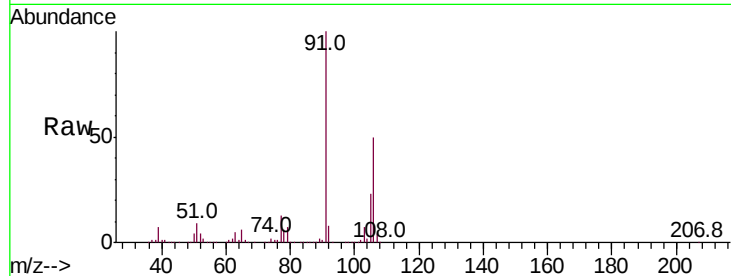
#67  
m/p-Xylenes  
Concen: 197.465 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC100

Tot Ion:106 Resp: 1253162  
Ion Ratio Lower Upper  
106 100  
91 199.9 159.5 239.3

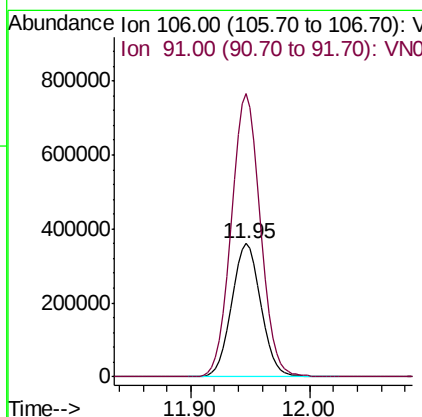
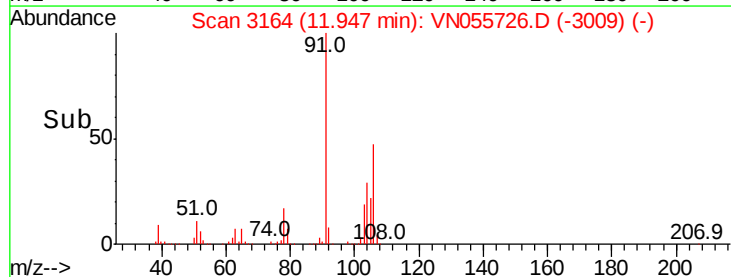
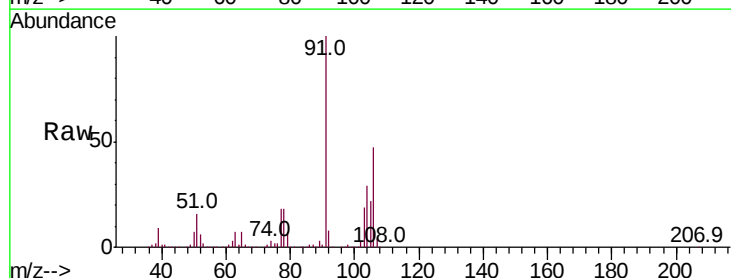
Manual Integrations  
APPROVED

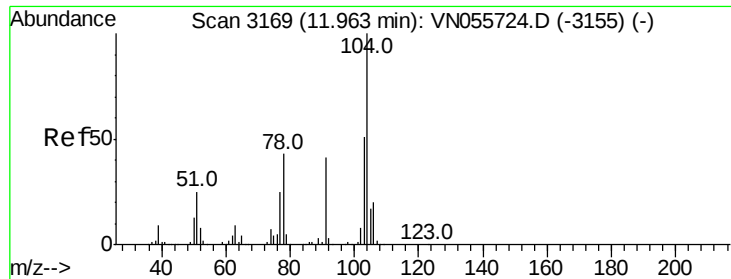
MMDadoda  
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#68  
o-Xylene  
Concen: 97.273 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Tgt Ion:106 Resp: 613375  
Ion Ratio Lower Upper  
106 100  
91 211.0 105.4 316.1





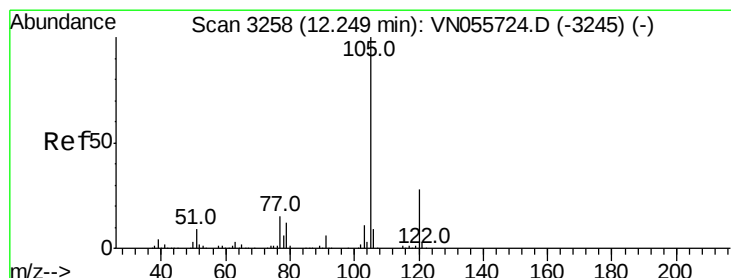
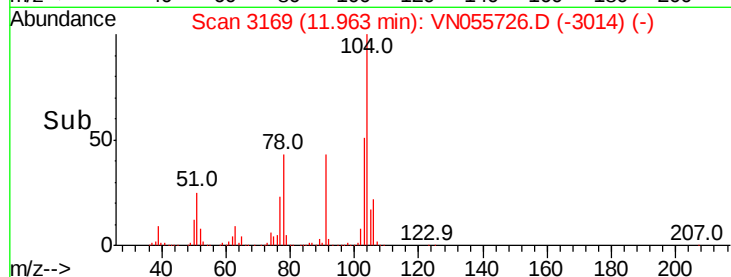
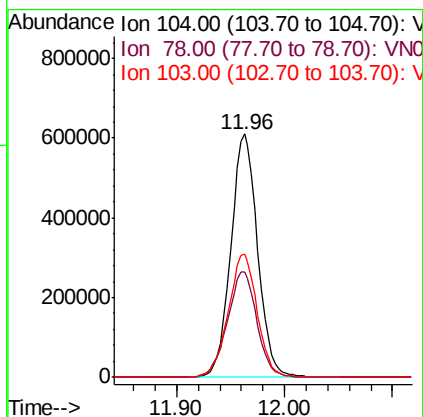
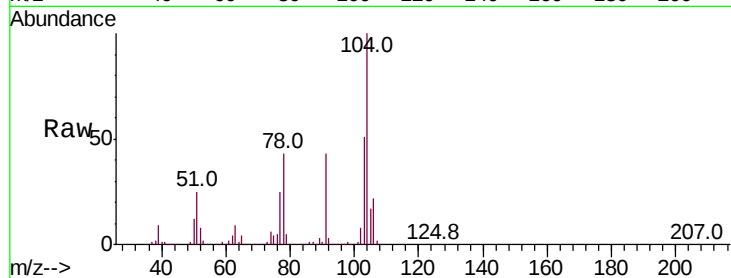
#69  
Stvrene  
Concen: 106.033 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 47.8  | 38.7  | 58.1  |
| 103     | 54.8  | 45.0  | 67.6  |

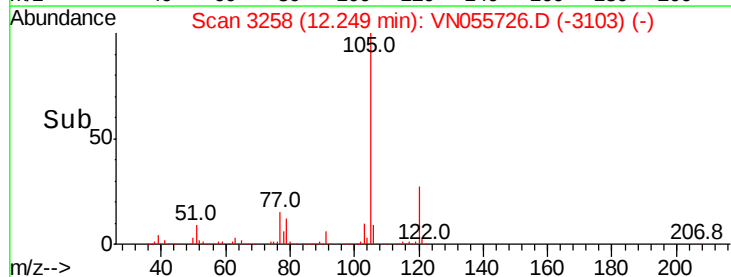
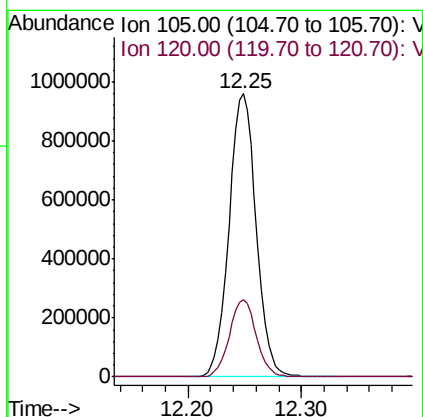
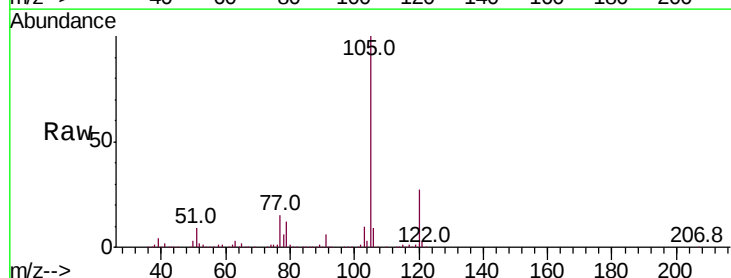
Manual Integrations  
APPROVED

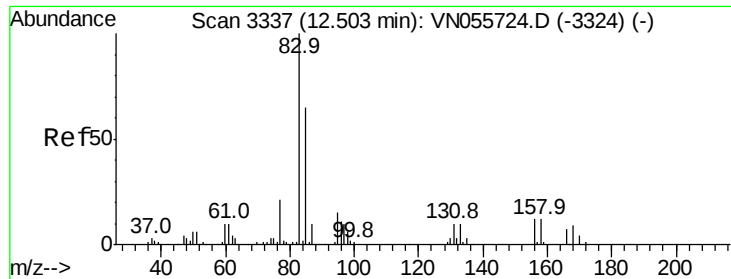
MMDadoda  
5/23/2019 12:31:21 PM



#70  
Isopropylbenzene  
Concen: 96.293 ug/l  
RT: 12.25 min Scan# 3258  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 27.0  | 19.2  | 35.6  |





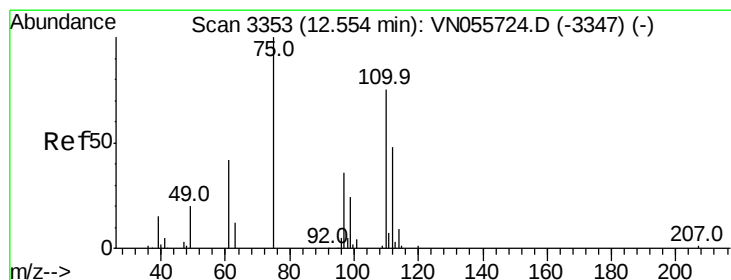
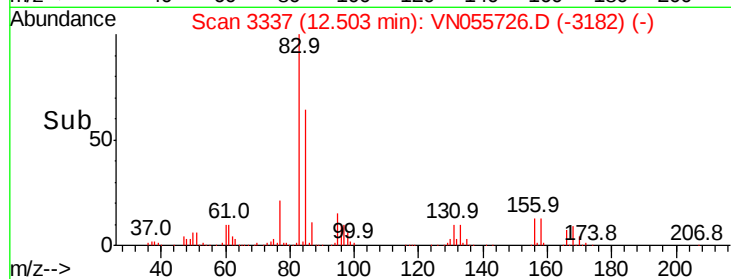
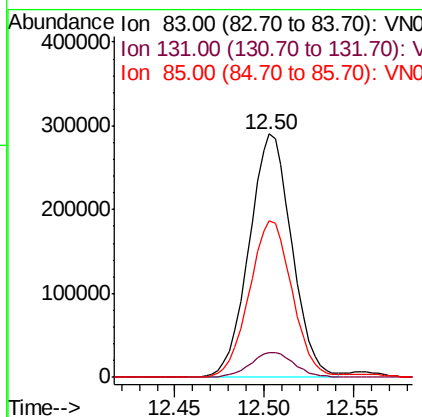
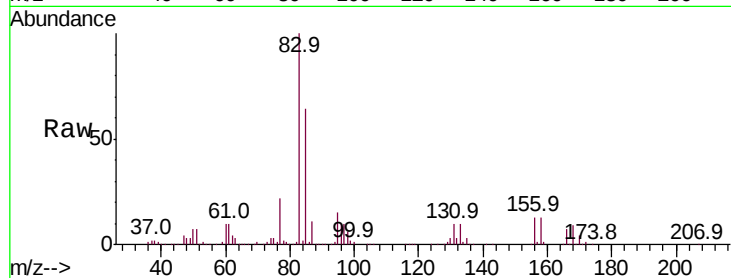
#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 102.789 ug/l  
 RT: 12.50 min Scan# 3337  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 131     | 10.6  | 5.3   | 15.8  |
| 85      | 64.6  | 32.3  | 96.9  |

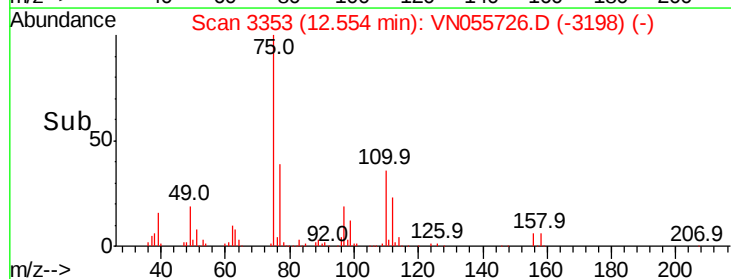
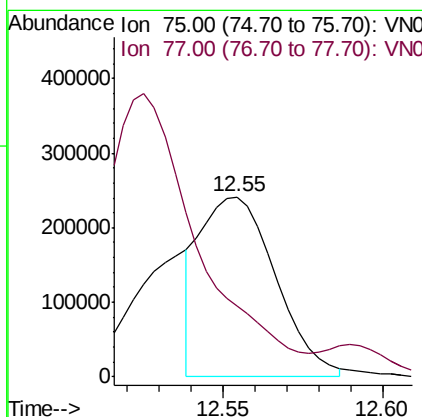
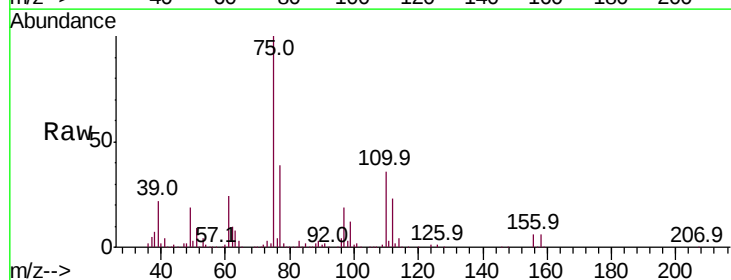
Manual Integrations  
 APPROVED

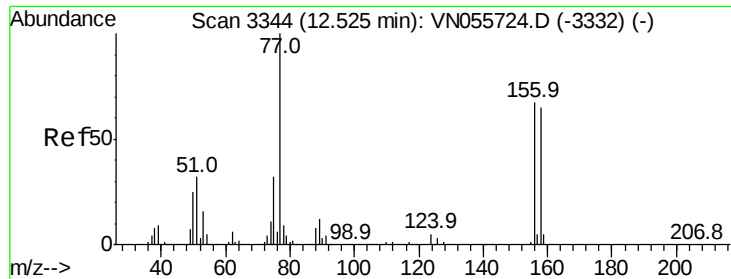
MMDadoda  
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#72  
 1,2,3-Trichloropropane  
 Concen: 96.616 ug/l m  
 RT: 12.55 min Scan# 3353  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 201.2 | 0.0   | 349.8 |





#73

Bromobenzene

Concen: 107.727 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA\_N

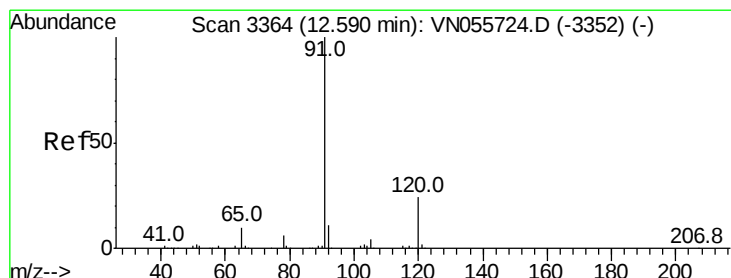
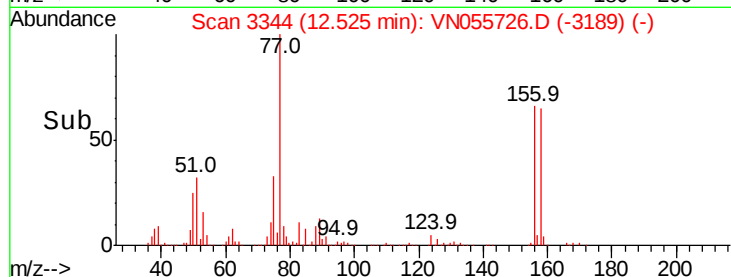
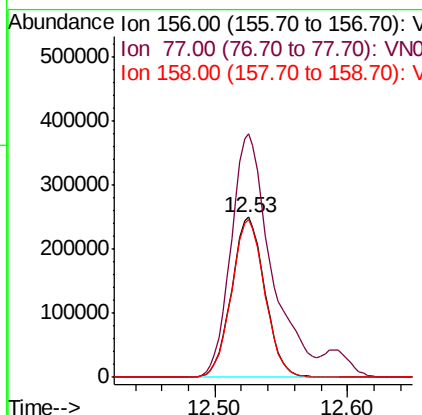
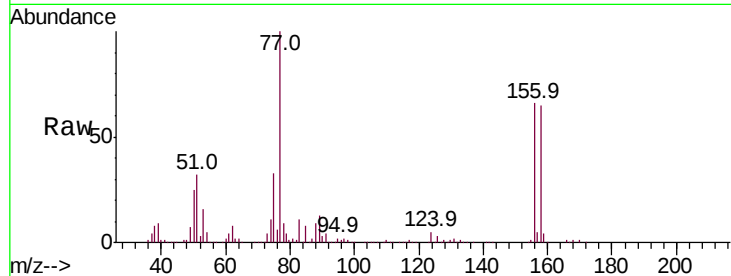
ClientSampleId :

VSTDIC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 435735 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 183.7 | 0.0   | 368.0  |
| 158       | 98.1  | 0.0   | 195.0  |

Manual Integrations  
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#74

n-propylbenzene

Concen: 96.506 ug/l

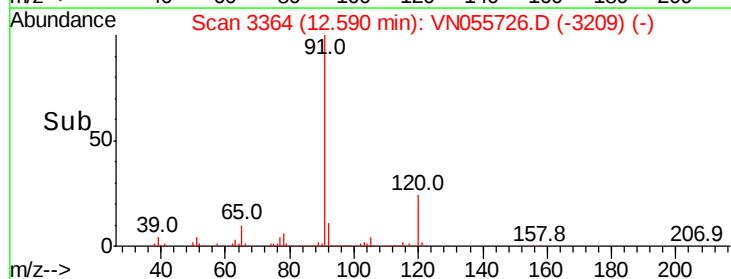
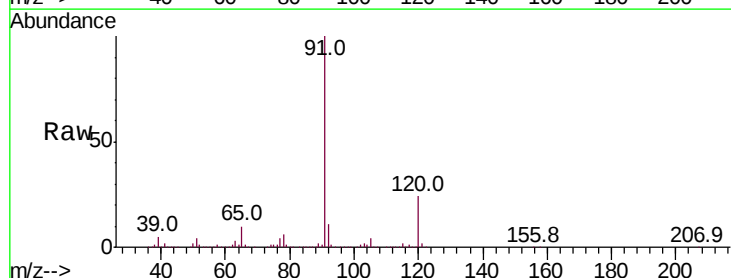
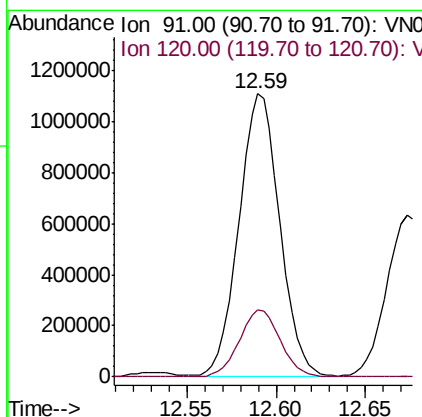
RT: 12.59 min Scan# 3364

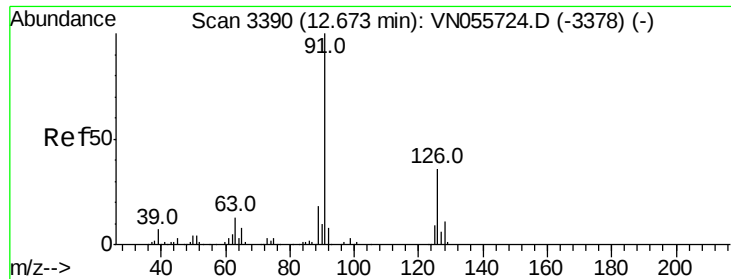
Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1776061 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 23.7  | 0.0   | 47.4    |





#75

2-Chlorotoluene

Concen: 94.314 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 1065375

Ion Ratio Lower Upper

91 100

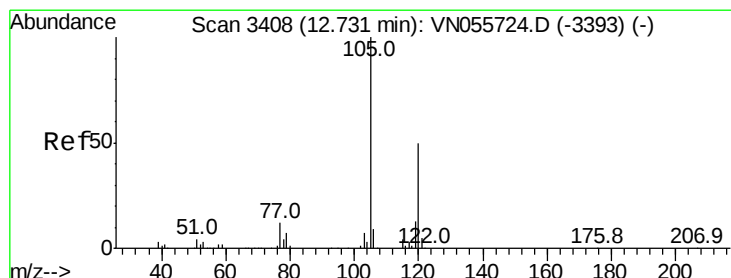
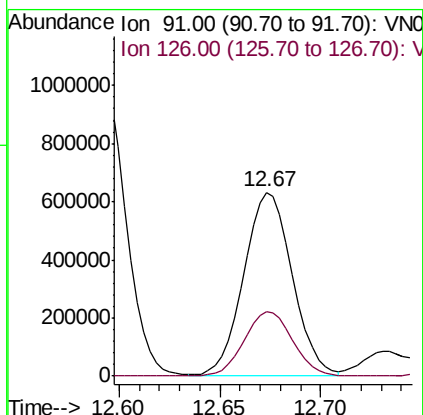
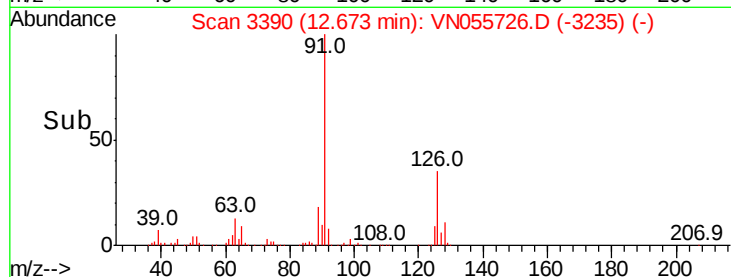
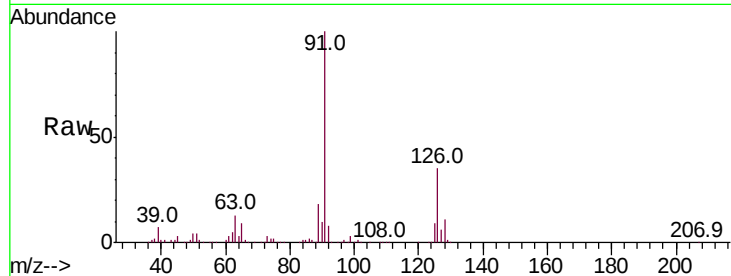
126 35.2 0.0 71.0

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#76

1,3,5-Trimethylbenzene

Concen: 97.606 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055726.D

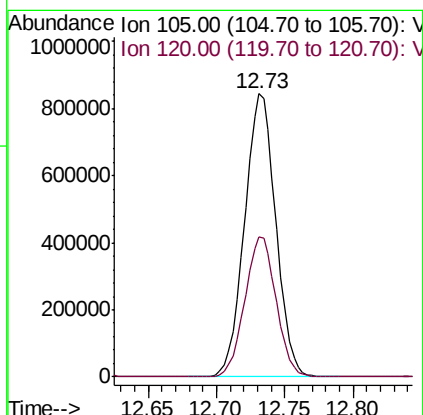
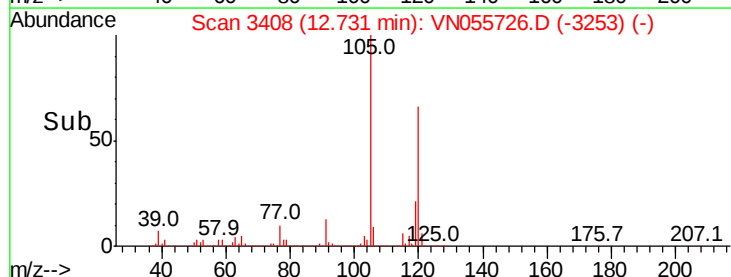
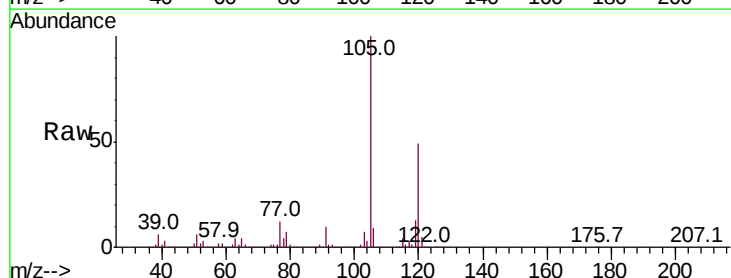
Acq: 22 May 2019 18:12

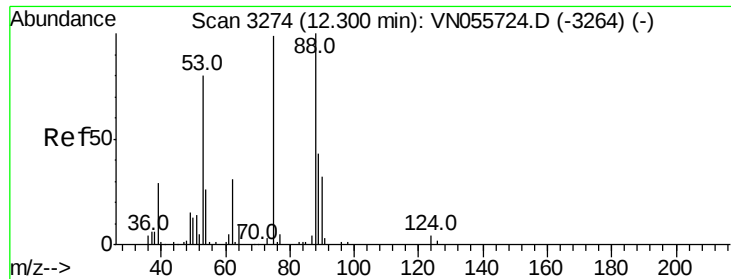
Tgt Ion: 105 Resp: 1336263

Ion Ratio Lower Upper

105 100

120 49.7 0.0 99.2





#77

t-1,4-Dichloro-2-butene

Concen: 140.830 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA\_N

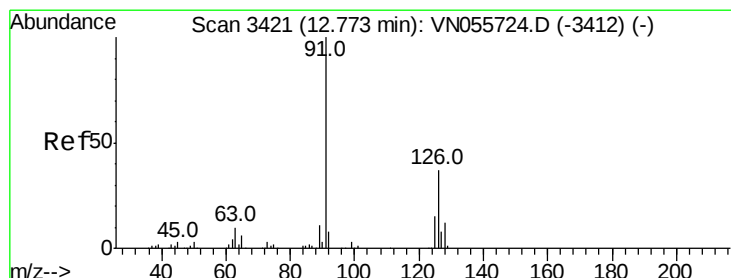
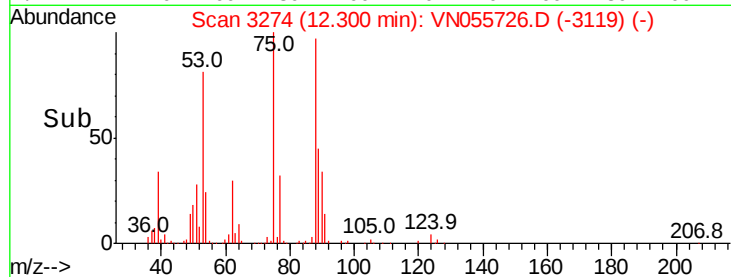
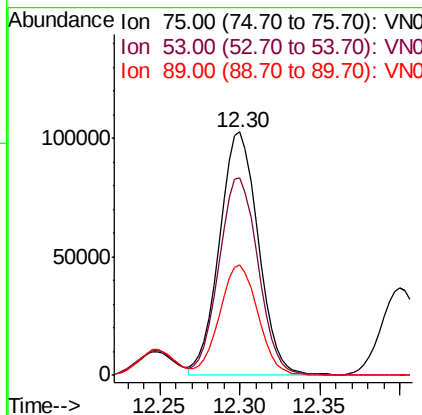
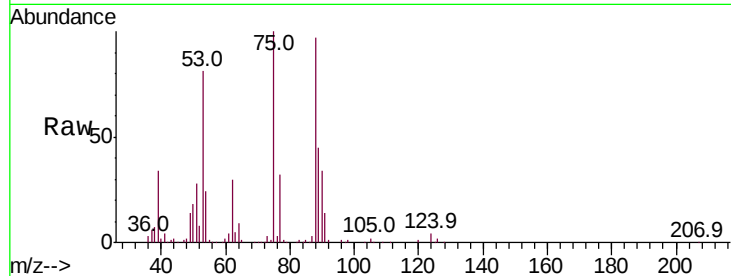
ClientSampled :

VSTDIC100

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 75    | Resp: | 170610 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 53       | 81.3  | 40.1  | 120.3  |
| 89       | 45.3  | 22.6  | 67.8   |

Manual Integrations  
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#78

4-Chlorotoluene

Concen: 99.441 ug/l

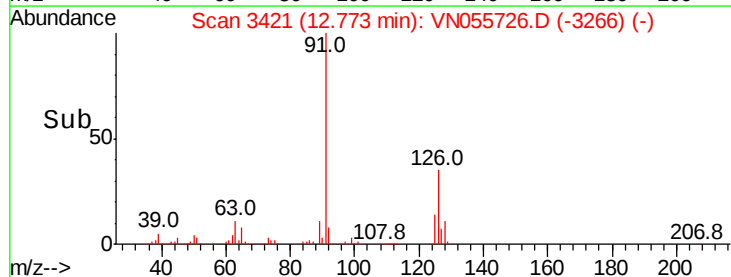
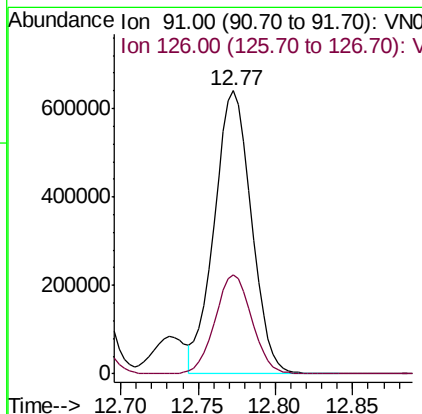
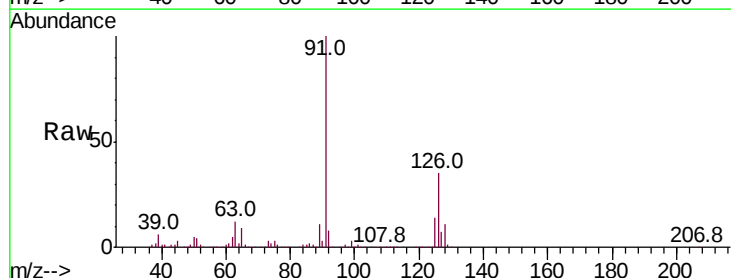
RT: 12.77 min Scan# 3421

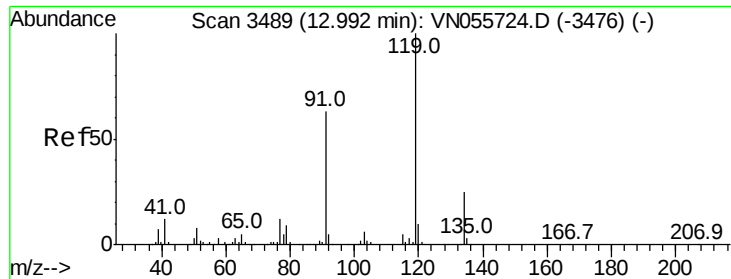
Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 91    | Resp: | 1064903 |
| Ion      | Ratio | Lower | Upper   |
| 91       | 100   |       |         |
| 126      | 34.8  | 0.0   | 69.0    |





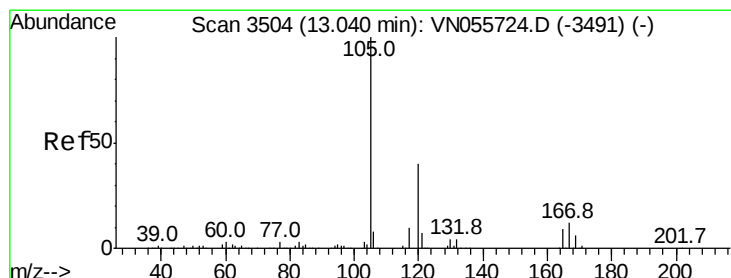
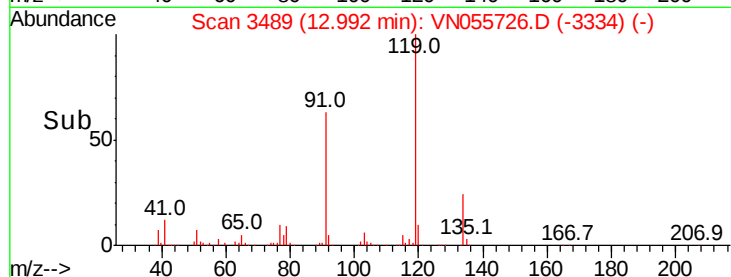
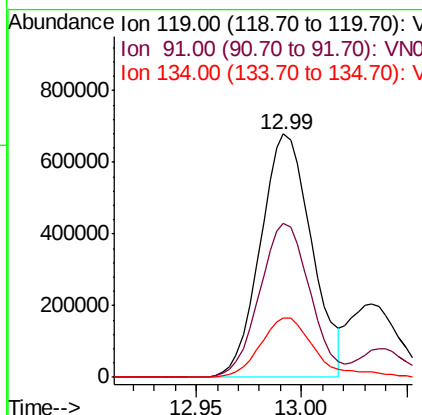
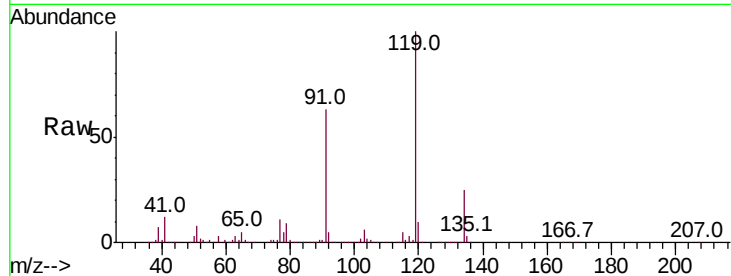
#79  
tert-butylbenzene  
Concen: 97.098 ug/l  
RT: 12.99 min Scan# 3489  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 62.2  | 0.0   | 123.8 |
| 134     | 26.2  | 0.0   | 52.6  |

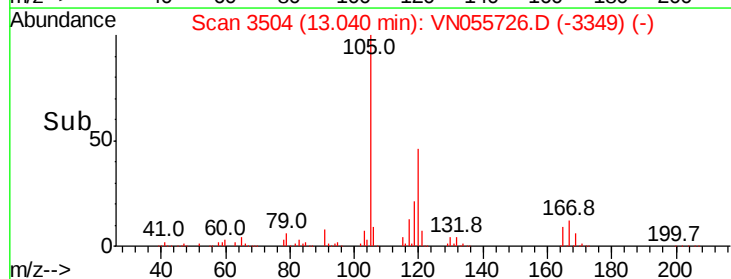
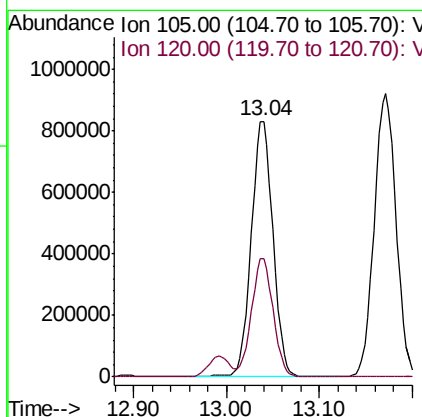
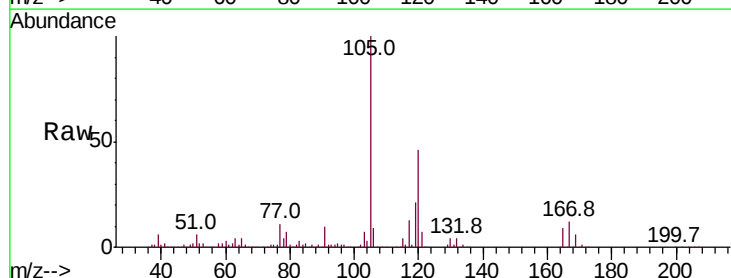
Manual Integrations  
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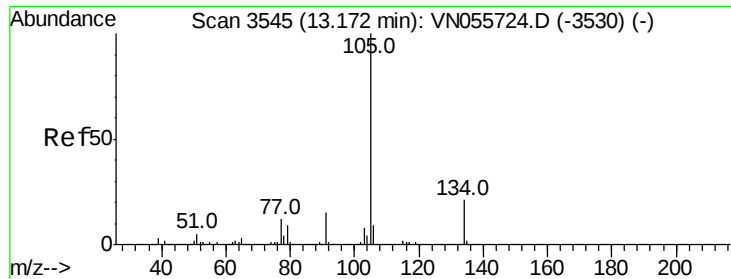
MMDadoda  
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#80  
1,2,4-Trimethylbenzene  
Concen: 101.930 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.1  | 0.0   | 93.6  |





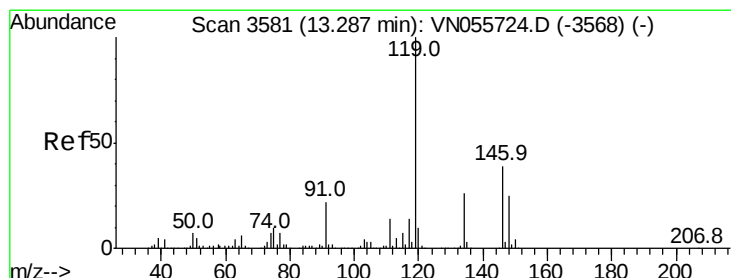
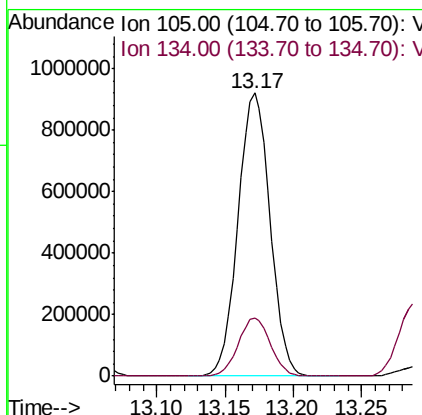
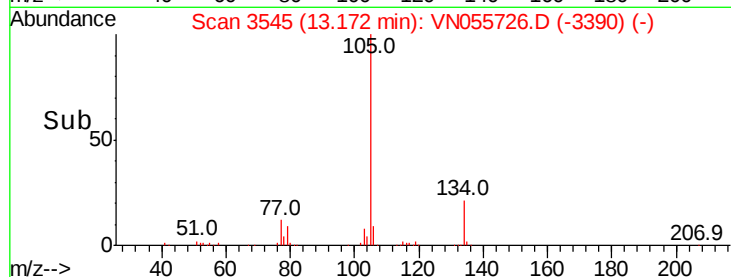
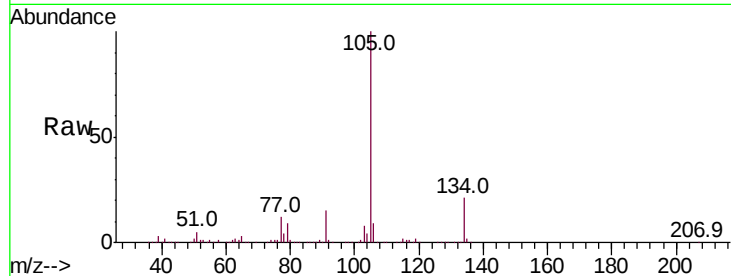
#81  
 sec-Butylbenzene  
 Concen: 96.665 ug/l  
 RT: 13.17 min Scan# 3545  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

Tot Ion:105 Resp: 1498588  
 Ion Ratio Lower Upper  
 105 100  
 134 20.6 0.0 41.4

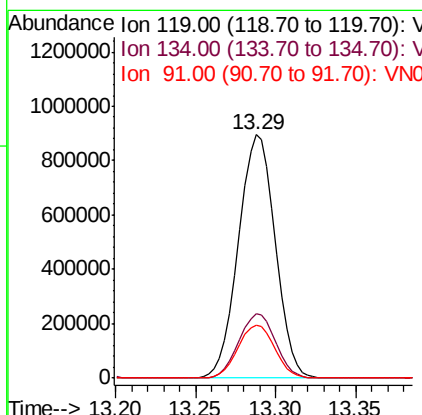
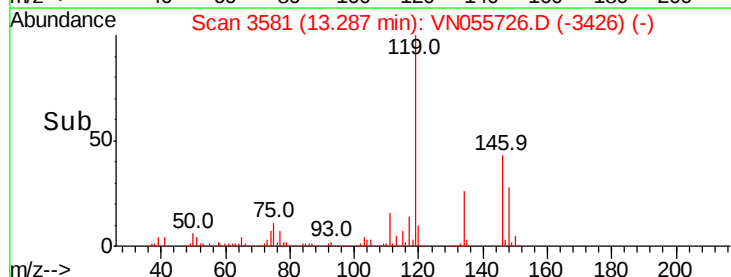
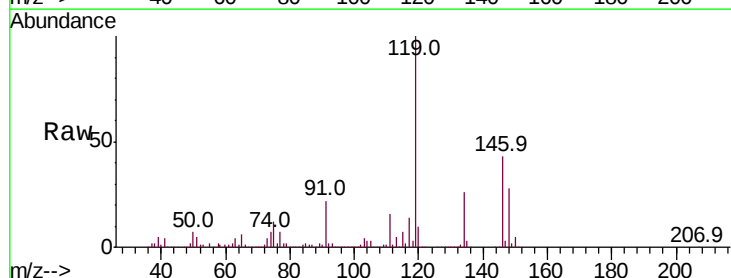
Manual Integrations  
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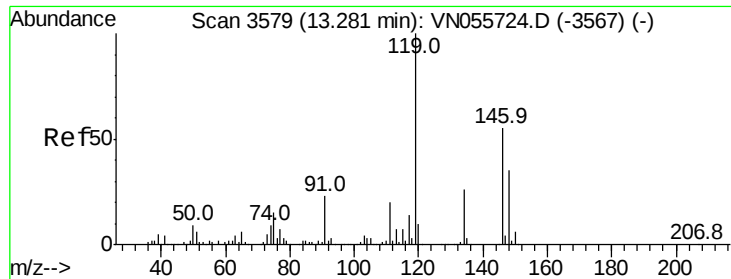
MMDadoda  
 5/23/2019 12:31:21 PM



#82  
 p-Isopropyltoluene  
 Concen: 106.507 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

Tgt Ion:119 Resp: 1401930  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 0.0 52.0  
 91 22.0 0.0 44.4





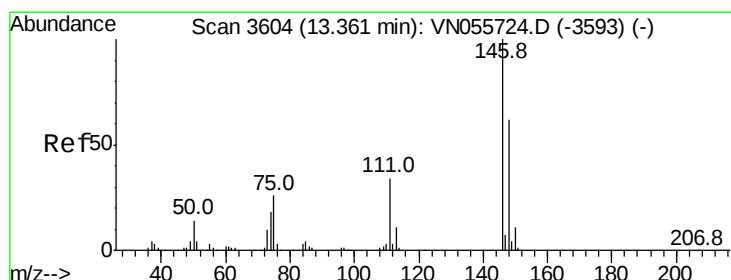
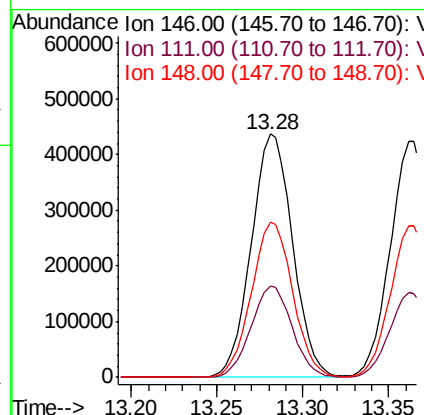
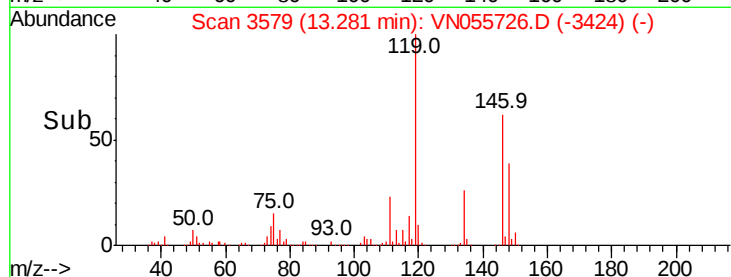
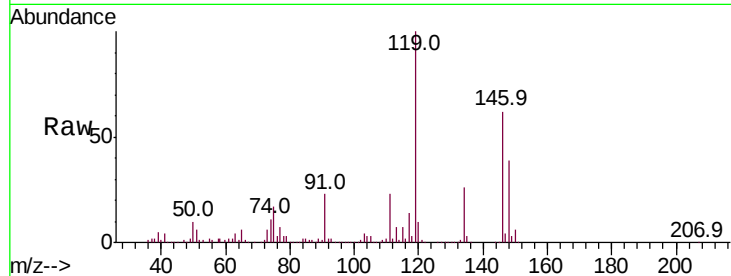
#83  
 1,3-Dichlorobenzene  
 Concen: 111.295 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.2  | 18.6  | 55.6  |
| 148     | 63.7  | 32.2  | 96.6  |

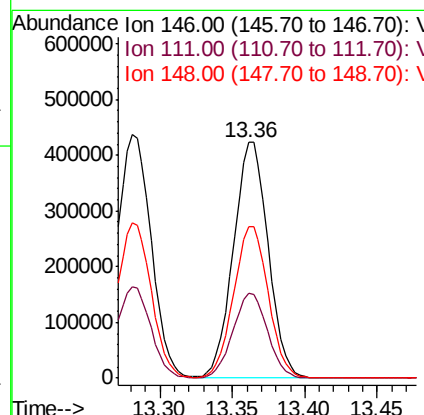
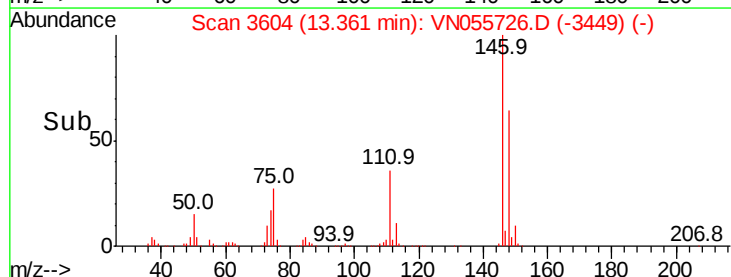
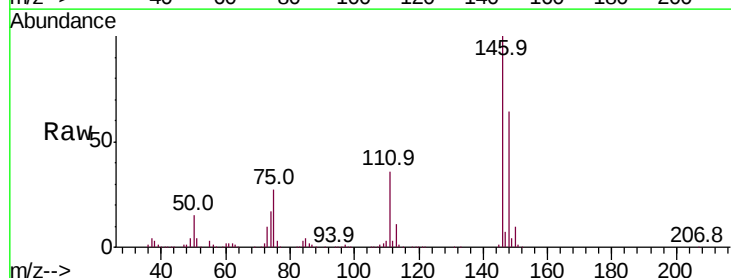
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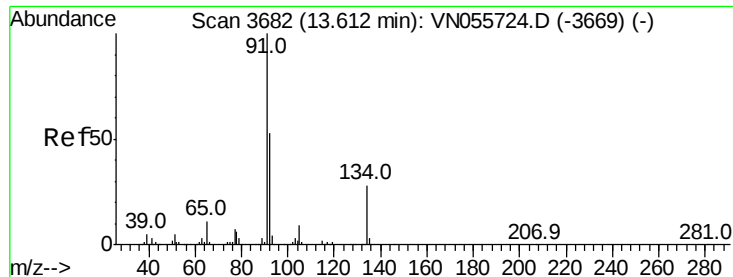
MMDadoda  
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#84  
 1,4-Dichlorobenzene  
 Concen: 114.014 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.9  | 17.5  | 52.6  |
| 148     | 64.4  | 31.8  | 95.4  |





#85

n-Butylbenzene

Concen: 114.156 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA\_N

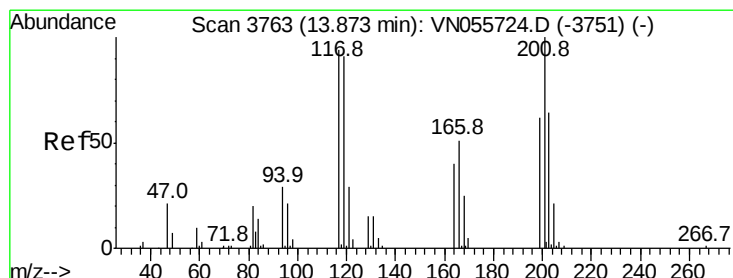
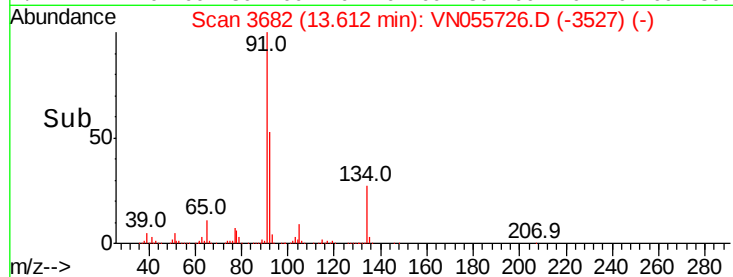
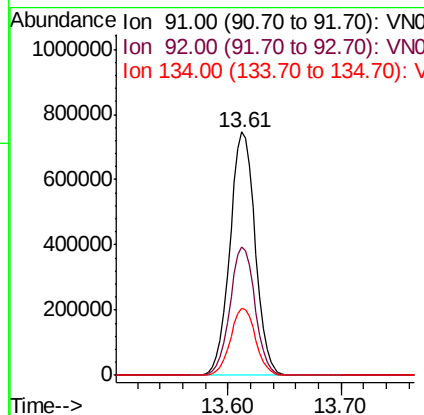
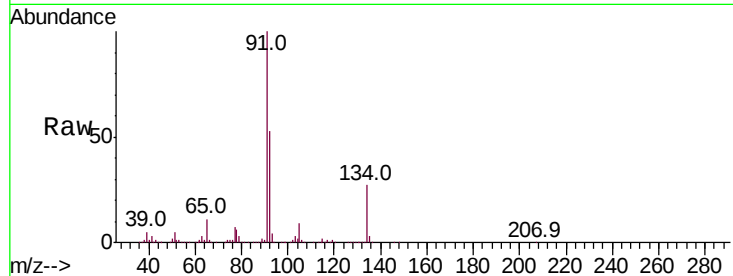
ClientSampled :

VSTDIC100

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 91    | Resp: | 1156751 |
| Ion      | Ratio | Lower | Upper   |
| 91       | 100   |       |         |
| 92       | 52.5  | 0.0   | 106.8   |
| 134      | 27.3  | 0.0   | 55.2    |

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#86

Hexachloroethane

Concen: 115.515 ug/l

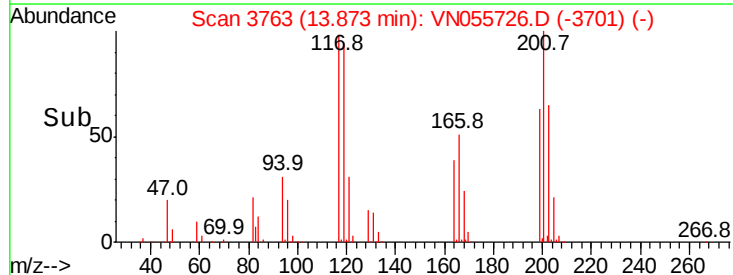
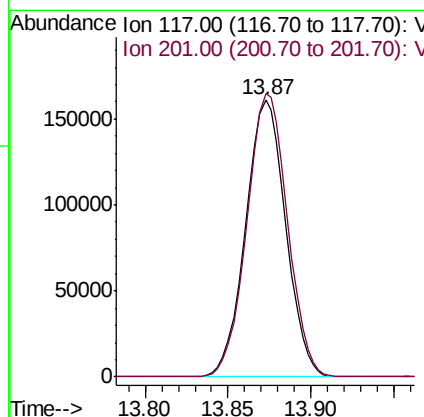
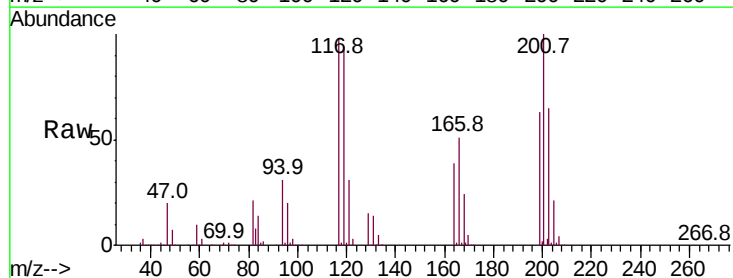
RT: 13.87 min Scan# 3763

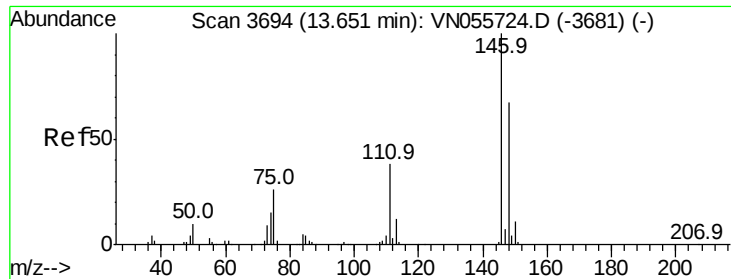
Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 270561 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 201      | 103.4 | 52.5  | 157.6  |





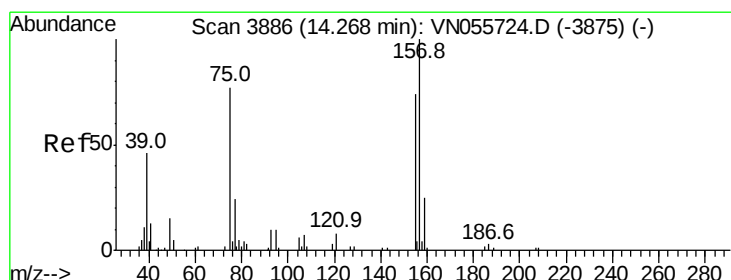
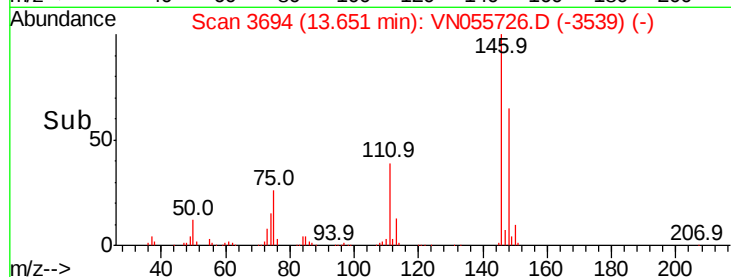
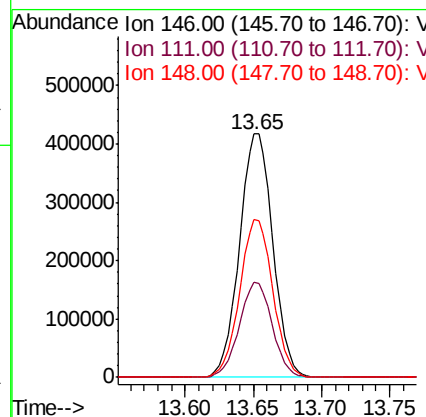
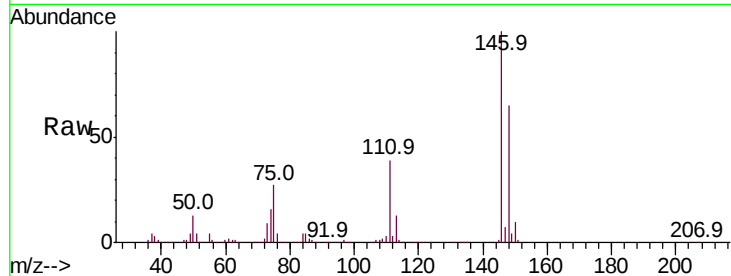
#87  
 1,2-Dichlorobenzene  
 Concen: 108.239 ug/l  
 RT: 13.65 min Scan# 3694  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.4  | 19.2  | 57.6  |
| 148     | 64.3  | 32.7  | 98.1  |

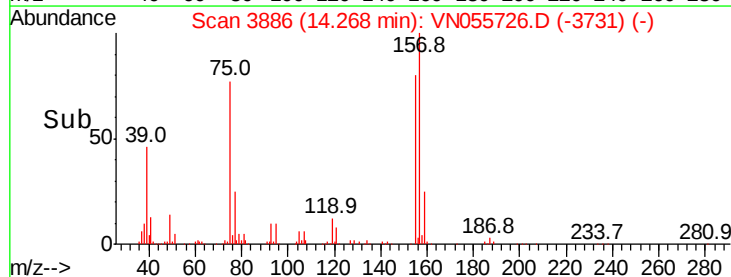
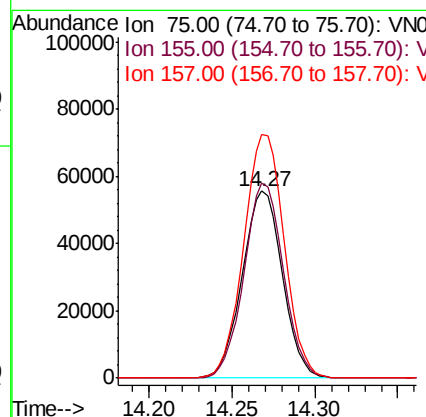
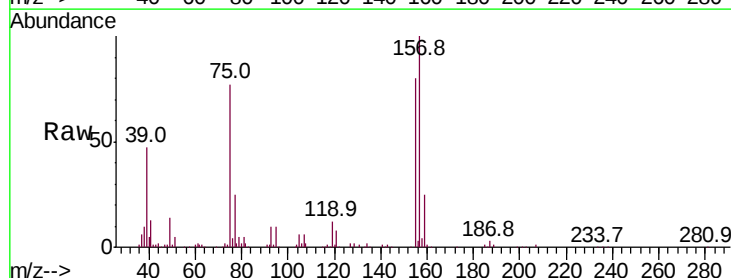
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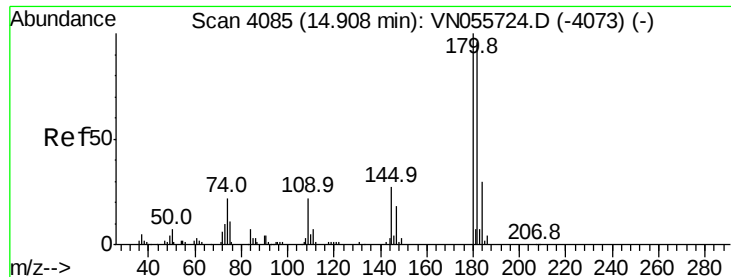
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#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 126.365 ug/l  
 RT: 14.27 min Scan# 3886  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 102.3 | 78.4  | 117.6 |
| 157     | 131.6 | 105.0 | 157.4 |





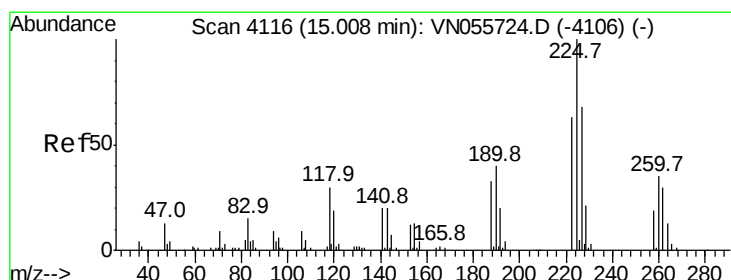
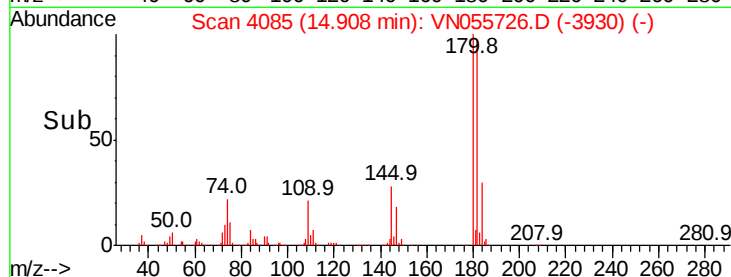
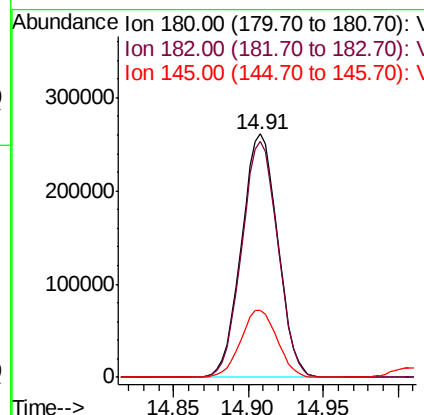
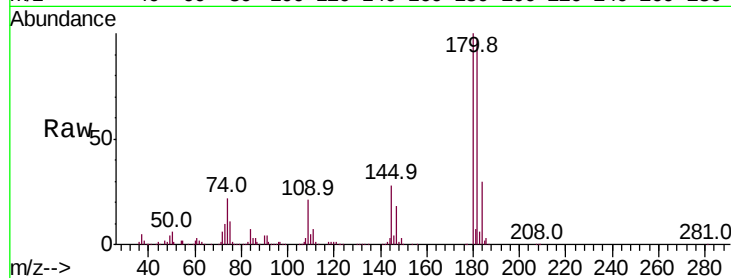
#89  
 1,2,4-Trichlorobenzene  
 Concen: 158.641 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 440172 |       |       |
| 182     | 96.5  | 76.1   | 114.1 |       |
| 145     | 27.7  | 21.8   | 32.8  |       |

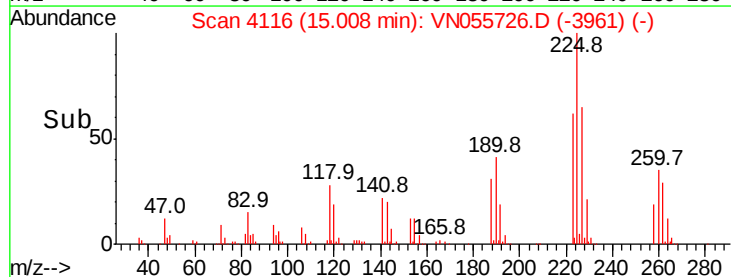
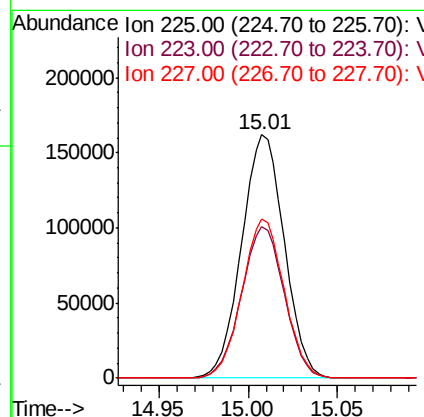
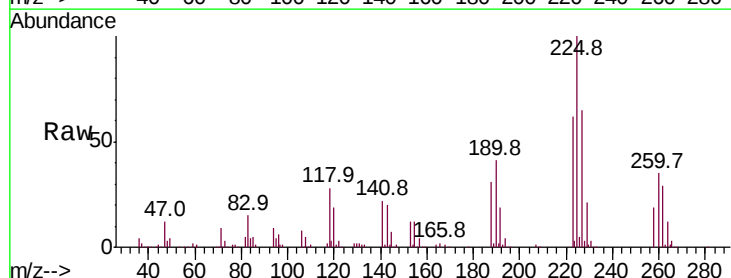
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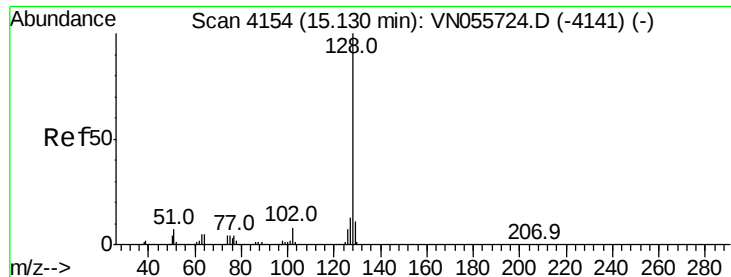
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#90  
 Hexachlorobutadiene  
 Concen: 118.402 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. -0.00 min  
 Lab File: VN055726.D  
 Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 271134 |       |       |
| 223     | 62.3  | 0.0    | 126.0 |       |
| 227     | 64.3  | 0.0    | 133.0 |       |





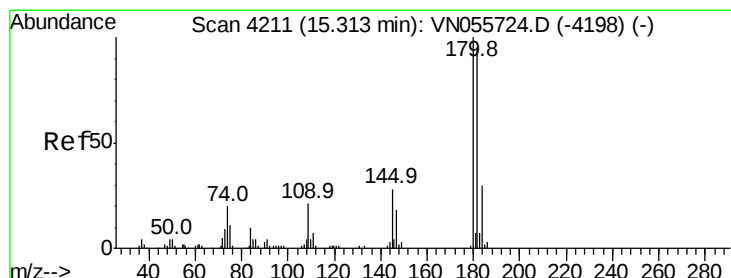
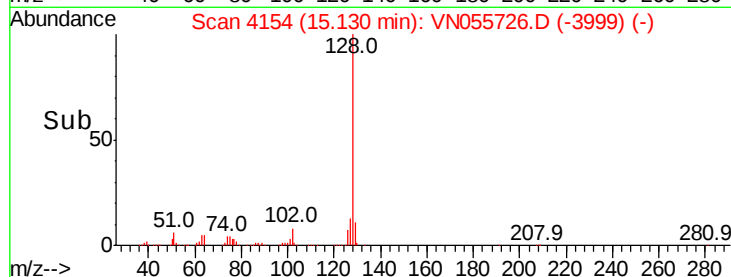
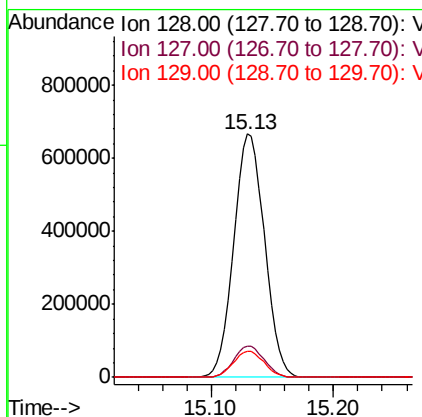
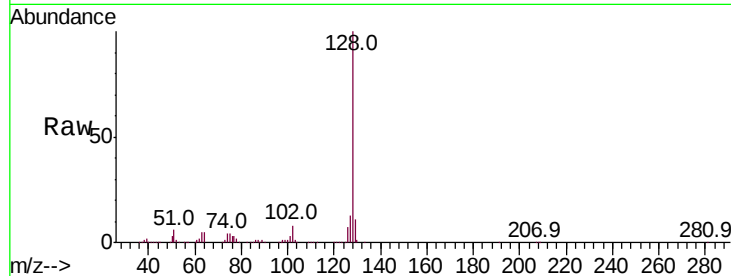
#91  
Naphthalene  
Concen: 171.976 ug/l  
RT: 15.13 min Scan# 4154  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.0  | 15.0  |
| 129     | 10.8  | 8.7   | 13.1  |

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#92  
1,2,3-Trichlorobenzene  
Concen: 150.527 ug/l  
RT: 15.31 min Scan# 4211  
Delta R.T. -0.00 min  
Lab File: VN055726.D  
Acq: 22 May 2019 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 0.0   | 188.6 |
| 145     | 29.1  | 0.0   | 56.8  |

