

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\  
 Data File : VN063153.D  
 Acq On : 31 Aug 2020 15:46  
 Operator : JC/MD  
 Sample : VSTDICV050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICSVN083120

Manual Integrations  
 APPROVED

MMDadoda  
 9/1/2020 9:07:35 AM

Quant Time: Sep 01 04:47:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N083120W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 01 04:21:28 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 448434   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 847619   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 788219   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 366769   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 347135   | 47.35 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.70%  |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 260005   | 47.81 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.62%  |      |
| 50) Toluene-d8            | 10.06  | 98  | 1033670  | 49.39 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.78%  |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 373985   | 51.08 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.16% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 203430  | 46.063  | ug/l   | 96     |
| 3) Chloromethane              | 2.03 | 50  | 293732  | 45.676  | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.17 | 62  | 336468  | 47.366  | ug/l   | 98     |
| 5) Bromomethane               | 2.54 | 94  | 302692  | 50.621  | ug/l   | 98     |
| 6) Chloroethane               | 2.68 | 64  | 275707  | 48.814  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 495411  | 50.598  | ug/l   | 100    |
| 8) Diethyl Ether              | 3.38 | 74  | 165283  | 48.629  | ug/l   | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 234022  | 48.468  | ug/l   | 100    |
| 10) Methyl Iodide             | 3.91 | 142 | 307682  | 46.722  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 4.73 | 59  | 231818  | 257.625 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 3.70 | 96  | 232342  | 47.224  | ug/l   | 99     |
| 13) Acrolein                  | 3.57 | 56  | 69584   | 206.075 | ug/l   | 97     |
| 14) Allyl chloride            | 4.28 | 41  | 446875  | 51.142  | ug/l   | 98     |
| 15) Acrylonitrile             | 4.93 | 53  | 607712  | 241.191 | ug/l   | 99     |
| 16) Acetone                   | 3.78 | 43  | 507522  | 243.547 | ug/l   | 100    |
| 17) Carbon Disulfide          | 4.01 | 76  | 699757  | 47.784  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.28 | 43  | 268507  | 50.253  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 890744  | 48.803  | ug/l   | 98     |
| 20) Methylene Chloride        | 4.51 | 84  | 283737  | 48.407  | ug/l   | 91     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 269285  | 49.540  | ug/l   | 96     |
| 22) Diisopropyl ether         | 5.90 | 45  | 963231  | 49.192  | ug/l   | 94     |
| 23) Vinyl Acetate             | 5.84 | 43  | 4099470 | 262.382 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 521991  | 48.356  | ug/l   | 98     |
| 25) 2-Butanone                | 6.78 | 43  | 856202  | 265.351 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 488060  | 49.903  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 315248  | 47.714  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.15 | 49  | 257769  | 45.707  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.16 | 42  | 573100  | 256.869 | ug/l   | 100    |
| 30) Chloroform                | 7.33 | 83  | 543606  | 48.134  | ug/l   | 99     |
| 31) Cyclohexane               | 7.61 | 56  | 462475  | 48.567  | ug/l   | 100    |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 478790  | 49.198  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 413386  | 50.731  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 381829  | 49.627  | ug/l # | 96     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 408580  | 49.442  | ug/l   | 97     |

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
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Manual Integrations  
 APPROVED

MMDadoda  
 9/1/2020 9:07:35 AM

Quant Time: Sep 01 04:47:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N083120W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 01 04:21:28 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 459913   | 50.240   | ug/l   | 97       |
| 40) Benzene                    | 8.00  | 78   | 1191538  | 49.760   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.13  | 41   | 180180   | 52.488   | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 455835   | 50.961   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 692366   | 52.100   | ug/l   | 100      |
| 44) Trichloroethene            | 8.80  | 130  | 294319   | 50.673   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.09  | 63   | 313600   | 49.464   | ug/l   | 100      |
| 46) Dibromomethane             | 9.17  | 93   | 213165   | 50.736   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.37  | 83   | 448859   | 49.841   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.16  | 41   | 315972   | 52.743   | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 94390    | 1018.676 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 1950307  | 270.073  | ug/l   | 99       |
| 52) Toluene                    | 10.13 | 92   | 763533   | 51.187   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 514242   | 52.202   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 540690   | 52.289   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 288369   | 50.479   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 458903   | 52.785   | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 516496   | 50.752   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 1182839  | 262.740  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 1442408  | 284.213  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.87 | 129  | 328064   | 51.944   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 309307   | 52.085   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 256396   | 45.298   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.41 | 112  | 802503   | 50.549   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 295627   | 50.155   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.49 | 91   | 1494213  | 51.593   | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.60 | 106  | 1103467  | 102.873  | ug/l   | 99       |
| 69) o-Xylene                   | 11.92 | 106  | 529533   | 51.102   | ug/l   | 97       |
| 70) Styrene                    | 11.94 | 104  | 926338   | 52.016   | ug/l   | 100      |
| 71) Bromoform                  | 12.10 | 173  | 211173   | 52.792   | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.23 | 105  | 1442472  | 51.277   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.05 | 43   | 613211   | 52.626   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 416991   | 51.416   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 360815m  | 50.070   | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 318126   | 50.004   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.57 | 91   | 1697350  | 52.143   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 987706   | 50.660   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 1215635  | 51.917   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.28 | 75   | 155012   | 51.991   | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 1043845  | 51.623   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.97 | 119  | 1010781  | 50.334   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.02 | 105  | 1236226  | 52.379   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 1374619  | 52.523   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.27 | 119  | 1252255  | 53.894   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 605392   | 51.799   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 606282   | 50.098   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.59 | 91   | 1140986  | 53.153   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 227256   | 52.835   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 585207   | 51.598   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 88115    | 49.418   | ug/l   | 98       |

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Sample : VSTDICV050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
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QLast Update : Tue Sep 01 04:21:28 2020  
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| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 328411   | 51.829 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 117392   | 49.593 | ug/l  | 98       |
| 95) Naphthalene            | 15.11 | 128  | 1133719  | 53.628 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.29 | 180  | 311983   | 50.537 | ug/l  | 99       |

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

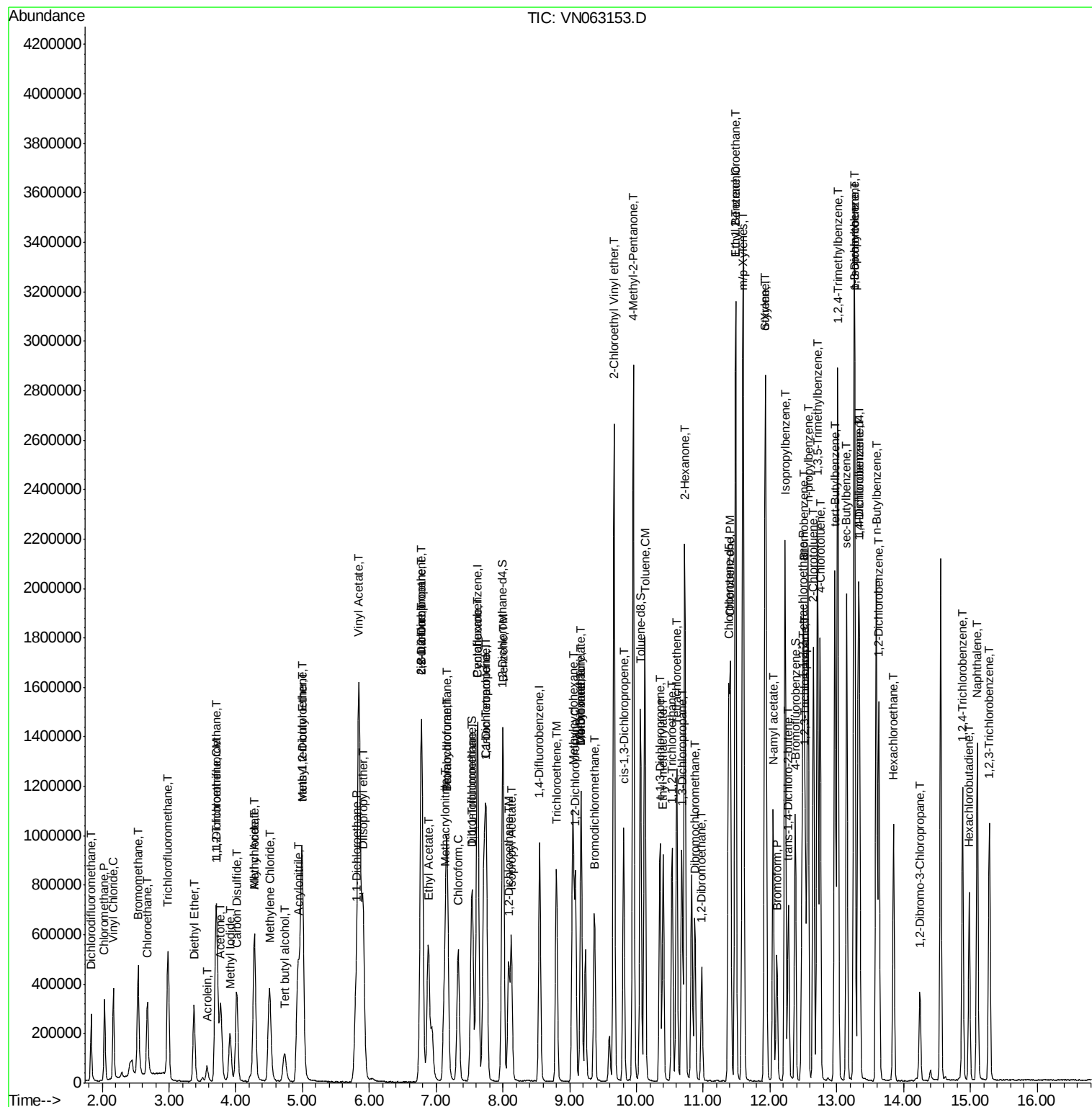
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\  
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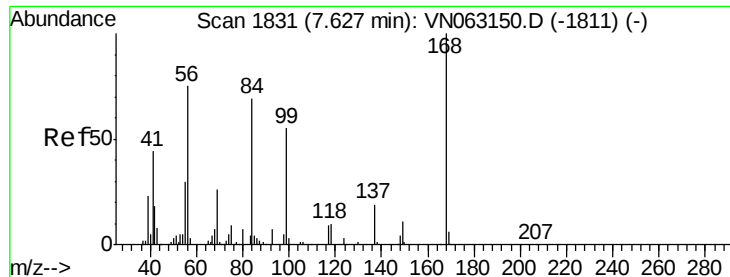
Instrument :  
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Manual Integrations  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN083120

Tot Ion:168 Resp: 448434

Ion Ratio Lower Upper

168 100

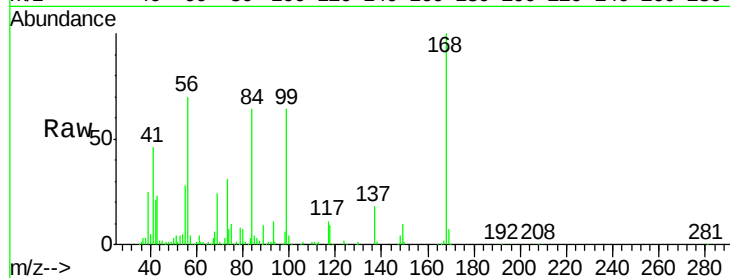
99 64.0 54.2 81.2

Manual Integrations

APPROVED

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9/1/2020 9:07:35 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

200000

150000

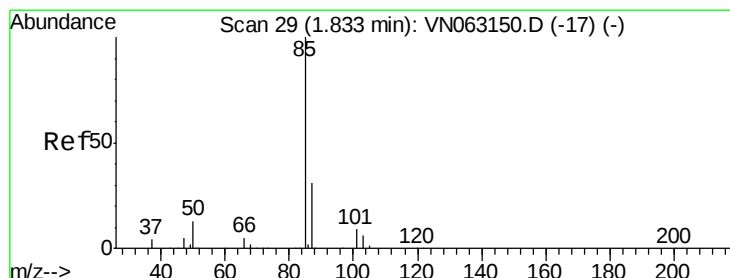
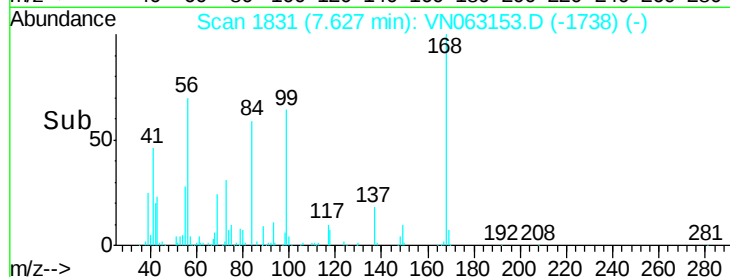
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50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.063 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063153.D

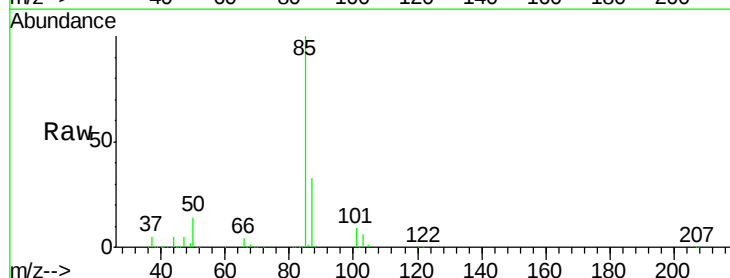
Acq: 31 Aug 2020 15:46

Tgt Ion: 85 Resp: 203430

Ion Ratio Lower Upper

85 100

87 33.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

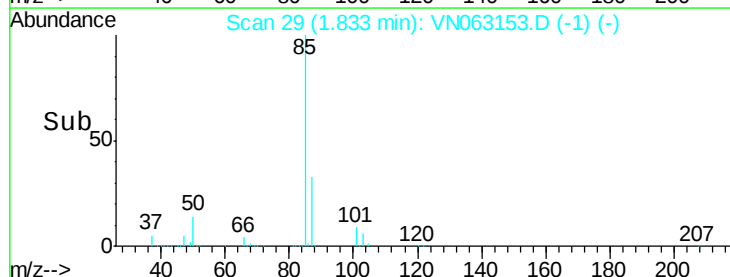
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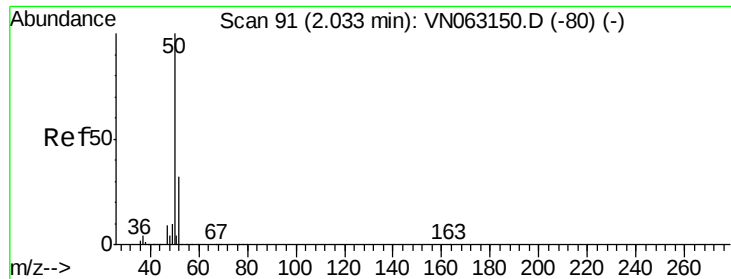
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0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 45.676 ug/l

RT: 2.03 min Scan# 91

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN083120

Tot Ion: 50 Resp: 293732

Ion Ratio Lower Upper

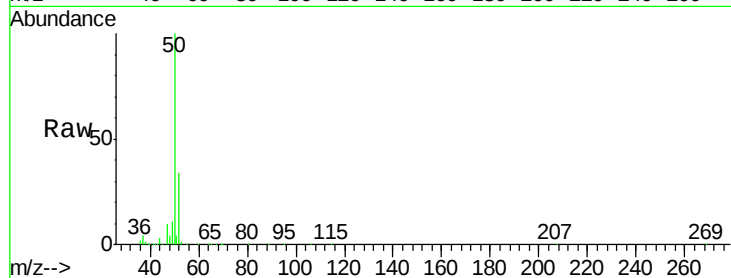
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52 33.8 25.8 38.6

Manual Integrations  
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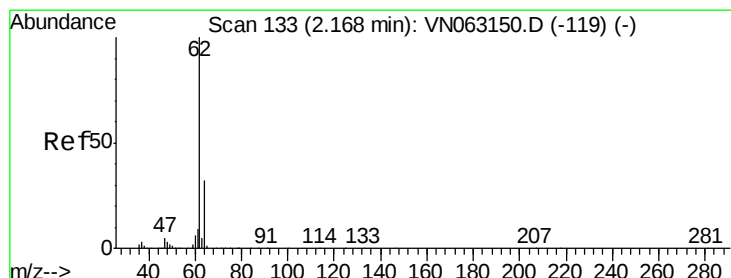
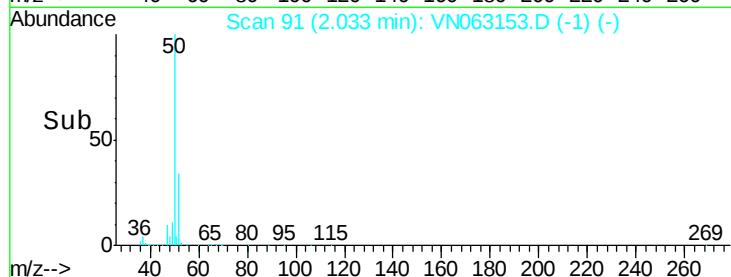
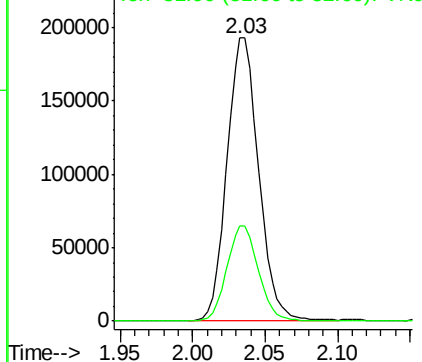
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 47.366 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063153.D

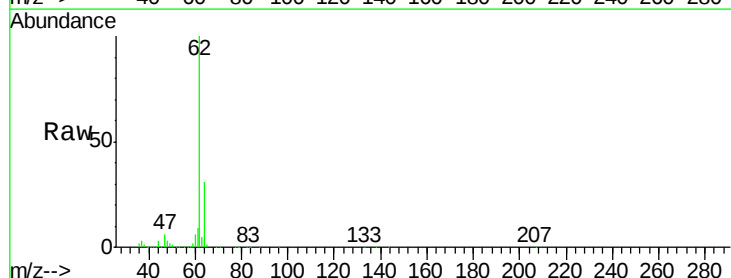
Acq: 31 Aug 2020 15:46

Tgt Ion: 62 Resp: 336468

Ion Ratio Lower Upper

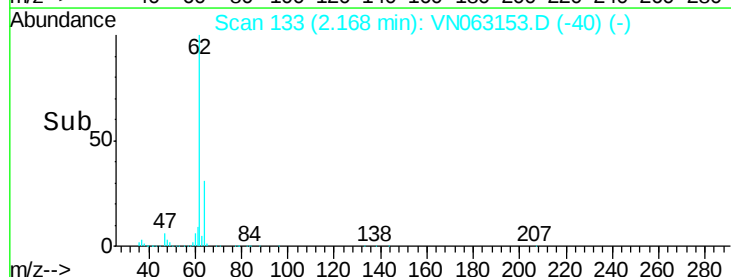
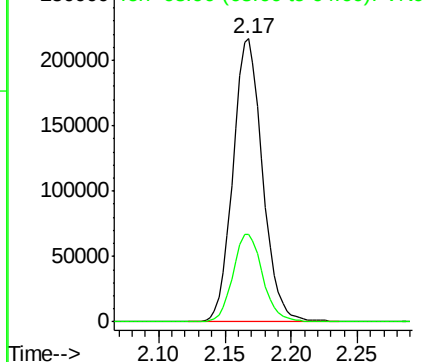
62 100

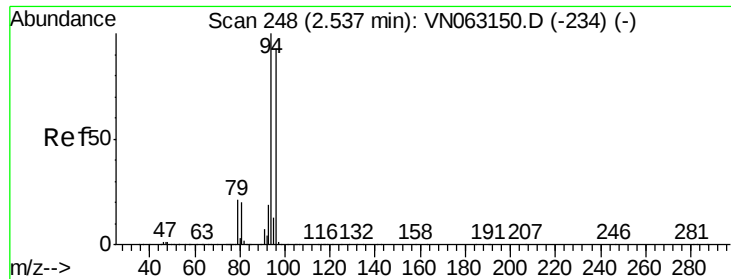
64 31.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 50.621 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN063153.D

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Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 302692

Ion Ratio Lower Upper

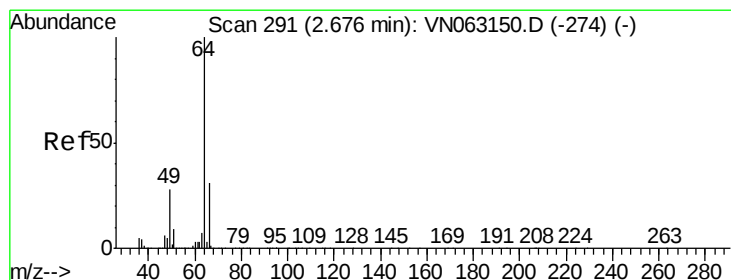
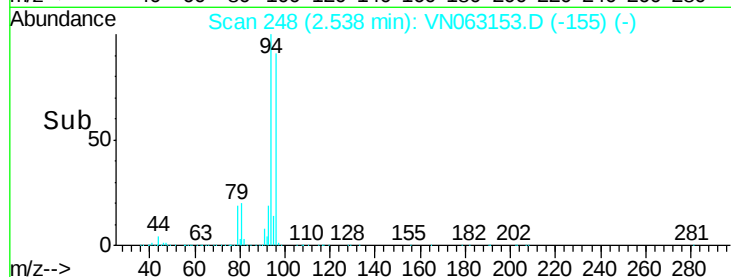
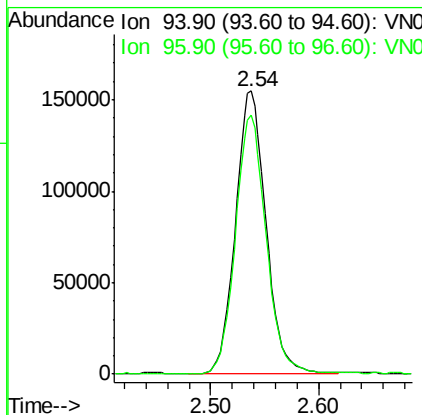
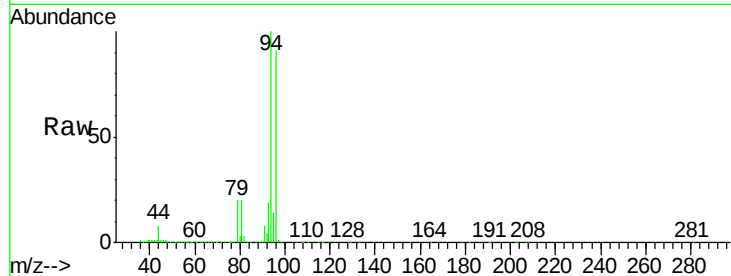
94 100

96 91.3 74.4 111.6

Manual Integrations  
APPROVED

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9/1/2020 9:07:35 AM



#6

Chloroethane

Concen: 48.814 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063153.D

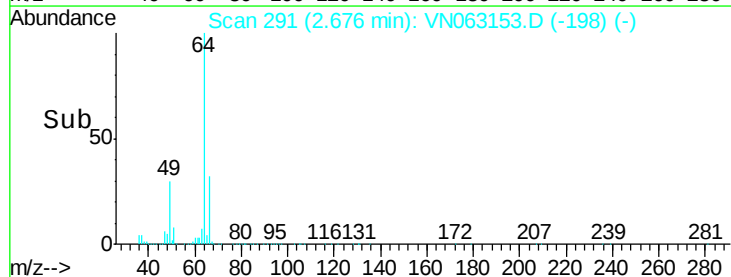
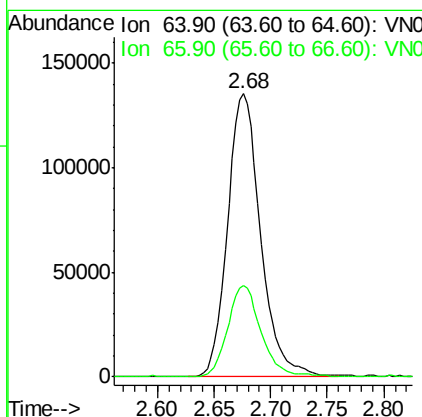
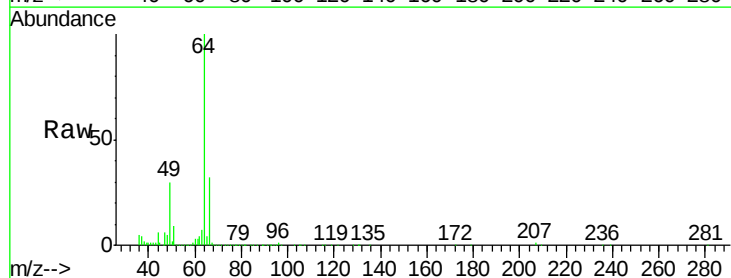
Acq: 31 Aug 2020 15:46

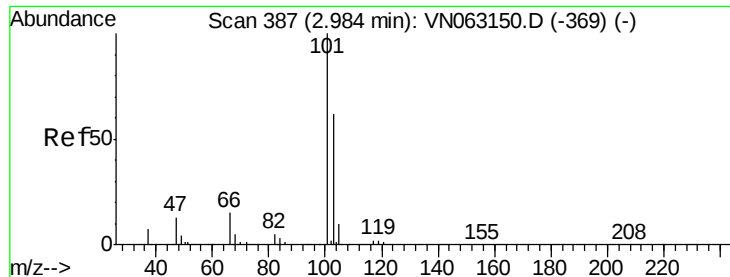
Tgt Ion: 64 Resp: 275707

Ion Ratio Lower Upper

64 100

66 32.1 24.7 37.1





#7

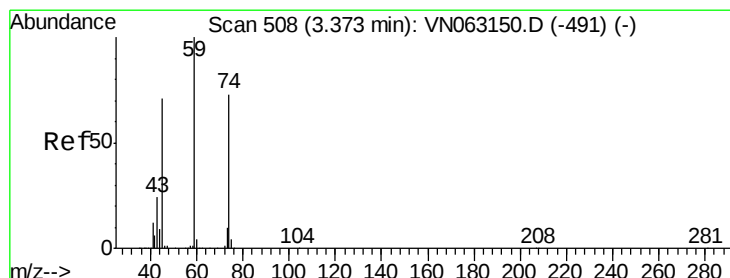
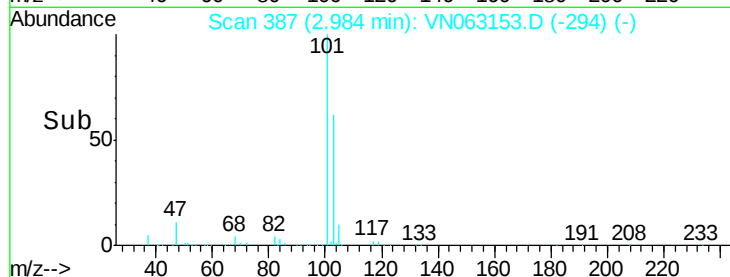
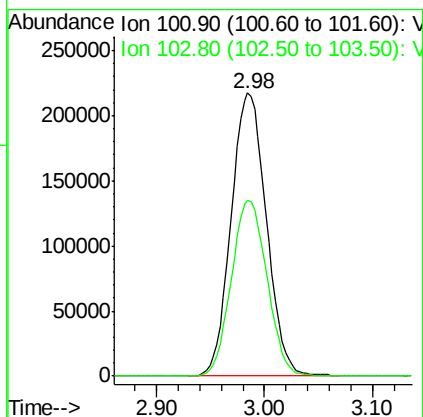
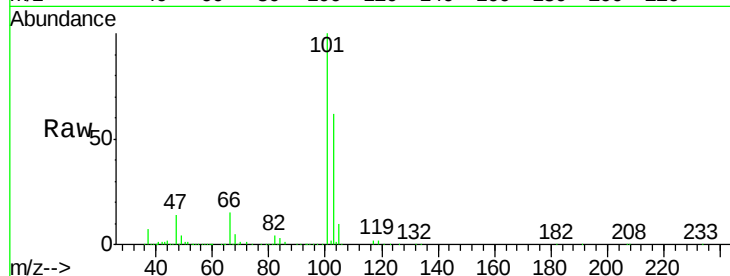
Trichlorofluoromethane  
Concen: 50.598 ug/l  
RT: 2.98 min Scan# 387  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN083120

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 101     | 100  |       | 495411 |       |       |
| 103     | 62.1 | 49.7  | 74.5   |       |       |

Manual Integrations  
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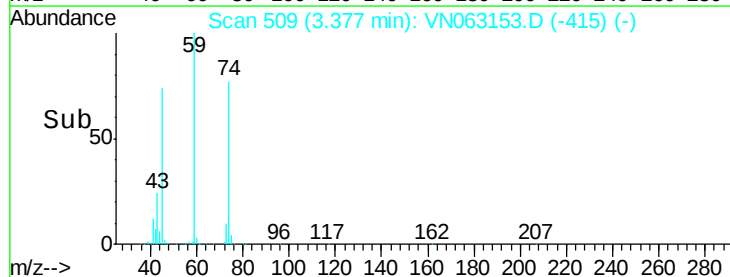
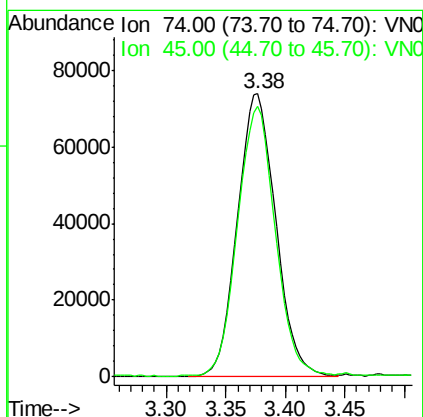
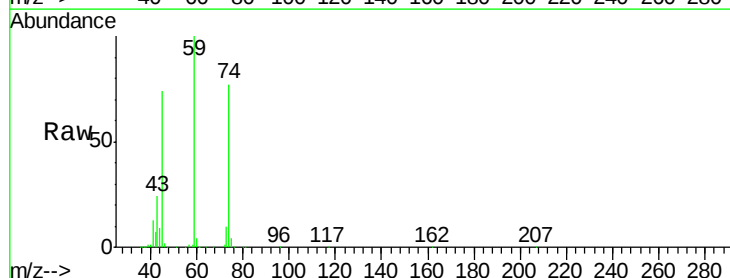
MMDadoda  
9/1/2020 9:07:35 AM

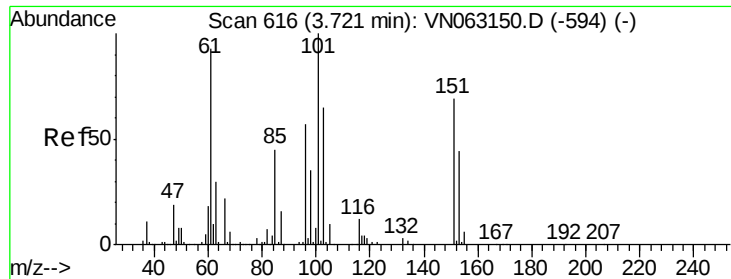


#8

Diethyl Ether  
Concen: 48.629 ug/l  
RT: 3.38 min Scan# 509  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 74      | 100  |       | 165283 |       |       |
| 45      | 93.7 | 49.5  | 148.5  |       |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.468 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

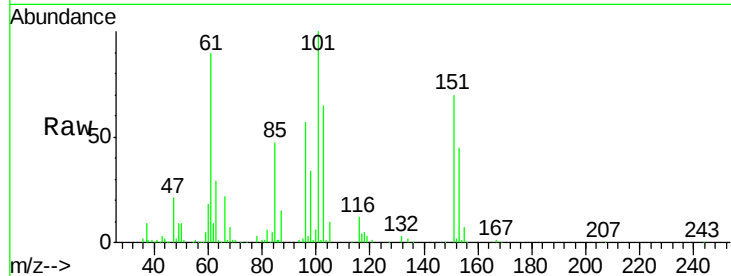
ClientSampled :

ICVVN083120

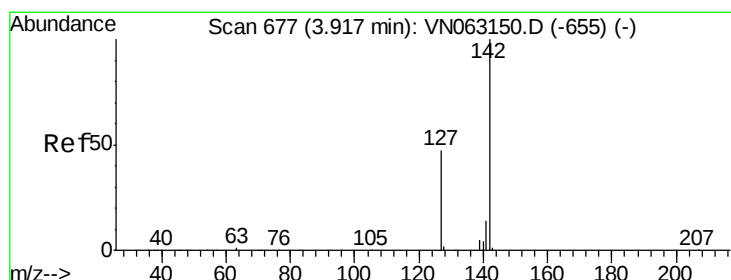
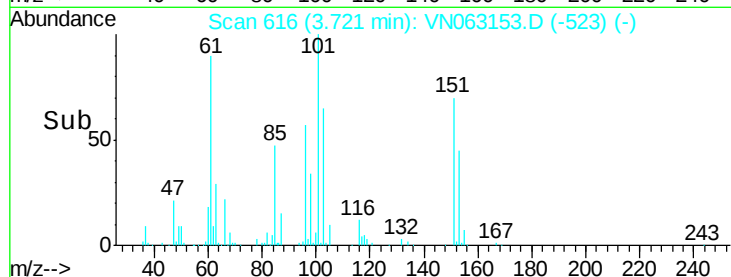
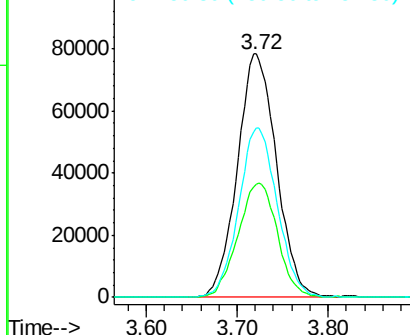
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 234022 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 47.3  | 37.8  | 56.8   |
| 151       | 68.6  | 55.0  | 82.4   |

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9/1/2020 9:07:35 AM



Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 84.90 (84.60 to 85.60): V  
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.722 ug/l

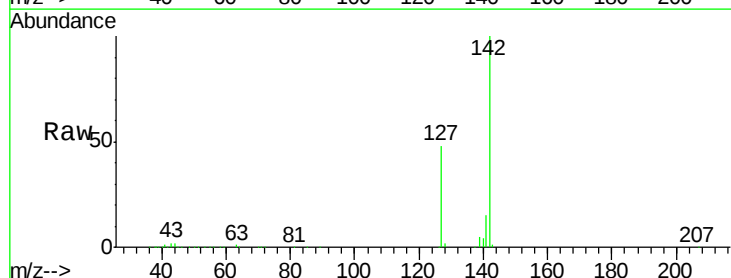
RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

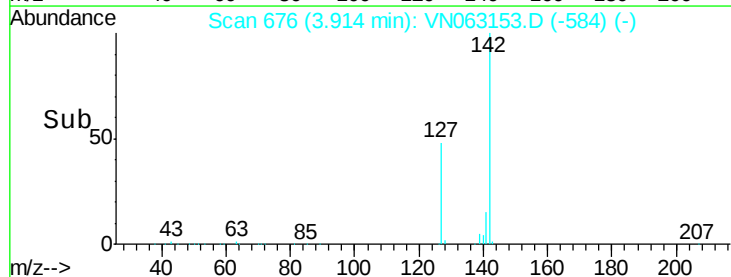
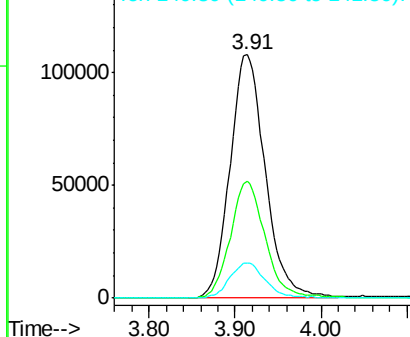
Lab File: VN063153.D

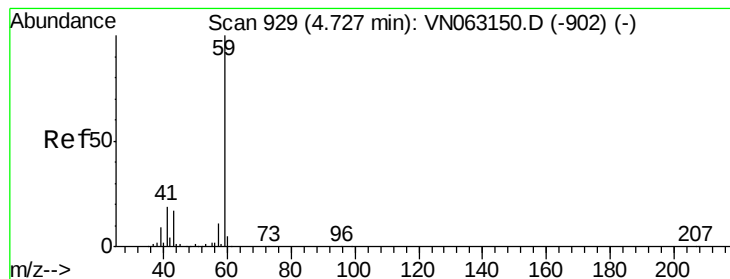
Acq: 31 Aug 2020 15:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 307682 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 46.9  | 37.6  | 56.4   |
| 141       | 14.5  | 11.3  | 16.9   |



Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V





#11

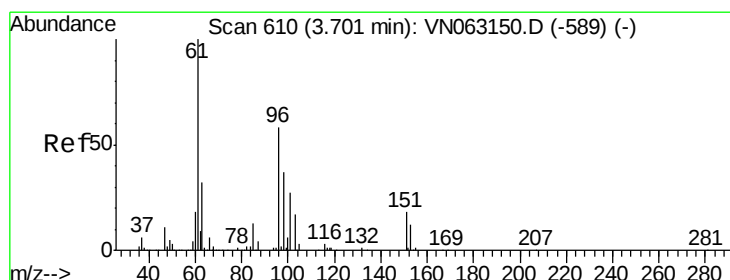
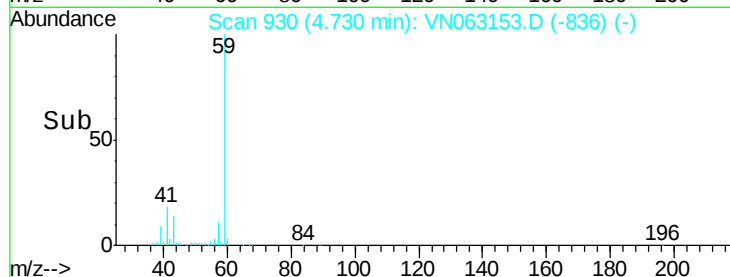
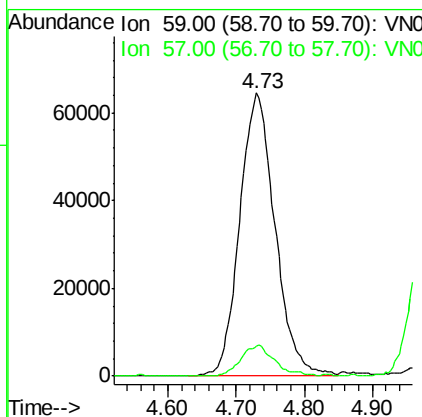
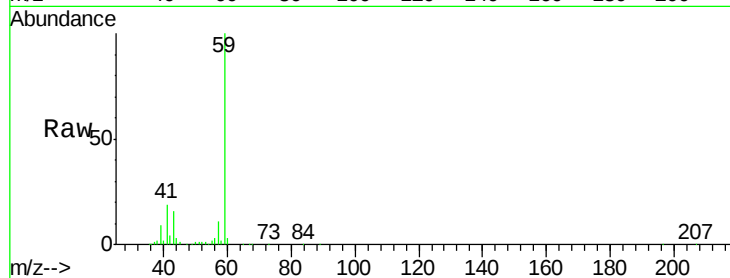
Tert butyl alcohol  
 Concen: 257.625 ug/l  
 RT: 4.73 min Scan# 930  
 Delta R.T. 0.00 min  
 Lab File: VN063153.D  
 Acq: 31 Aug 2020 15:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN083120

| Tot Ion   | 59   | Resp  | 231818 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 57        | 10.0 | 8.4   | 12.6   |

Manual Integrations  
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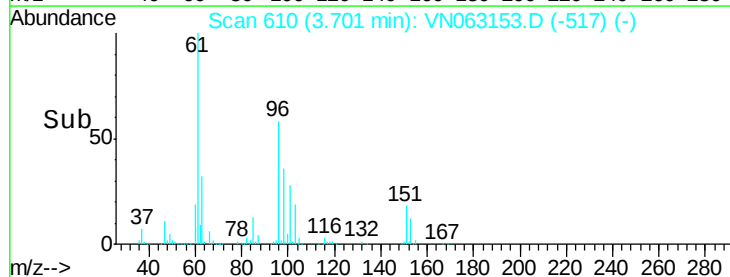
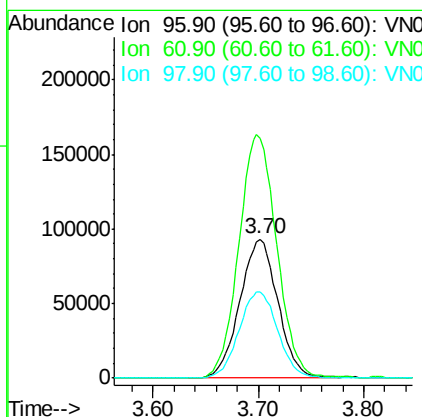
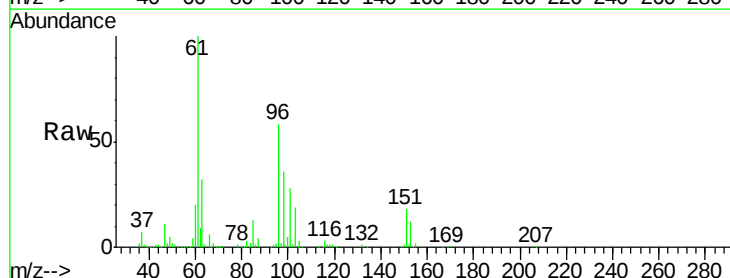
MMDadoda  
 9/1/2020 9:07:35 AM

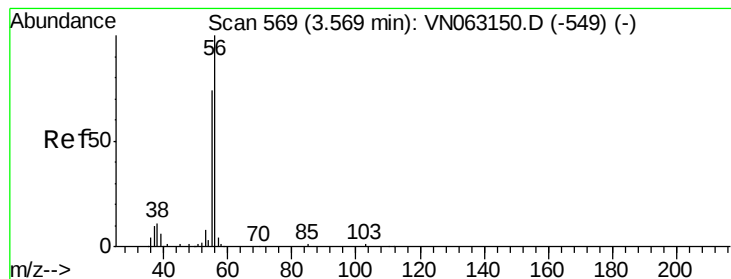


#12

1,1-Dichloroethene  
 Concen: 47.224 ug/l  
 RT: 3.70 min Scan# 610  
 Delta R.T. 0.00 min  
 Lab File: VN063153.D  
 Acq: 31 Aug 2020 15:46

| Tgt Ion   | 96    | Resp  | 232342 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 61        | 172.6 | 137.4 | 206.2  |
| 98        | 62.1  | 50.5  | 75.7   |





#13

Acrolein

Concen: 206.075 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN083120

Tot Ion: 56 Resp: 69584

Ion Ratio Lower Upper

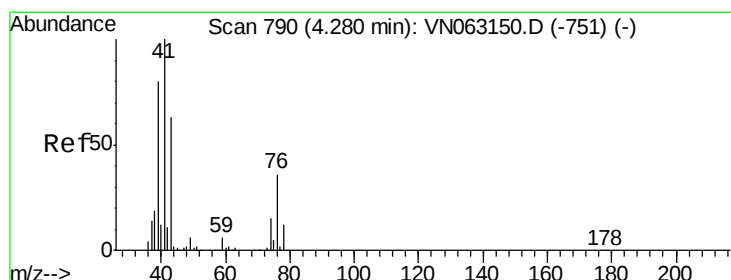
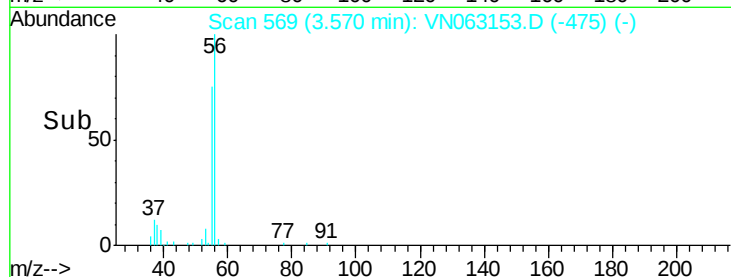
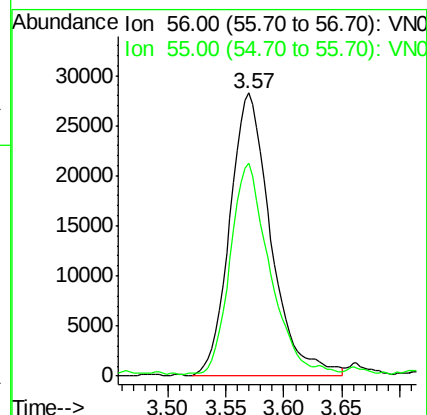
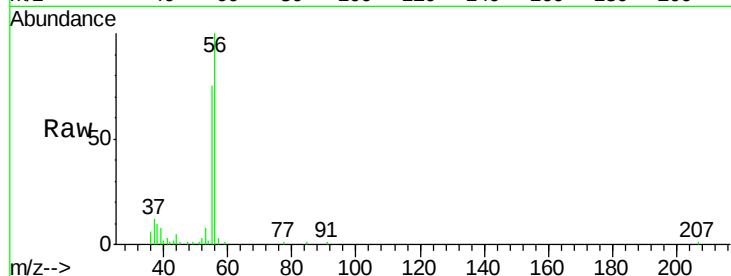
56 100

55 71.9 55.4 83.0

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#14

Allyl chloride

Concen: 51.142 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

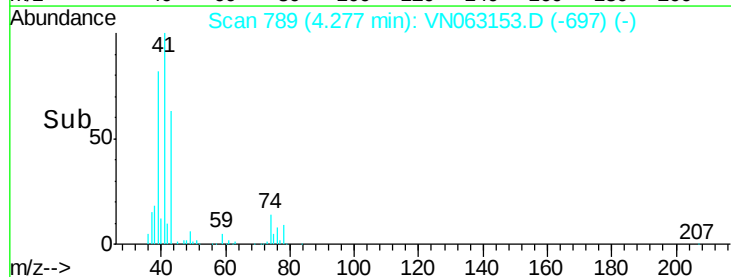
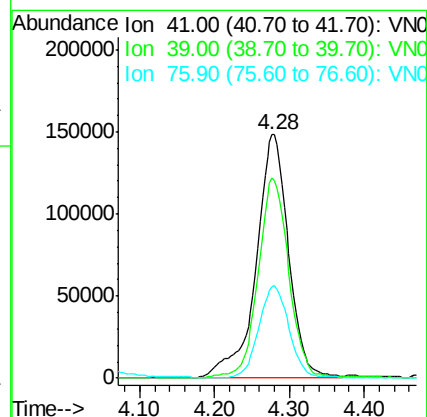
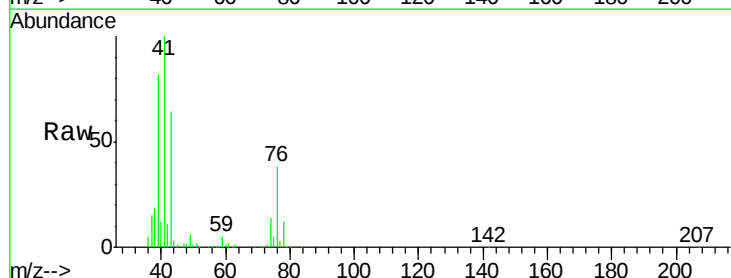
Tgt Ion: 41 Resp: 446875

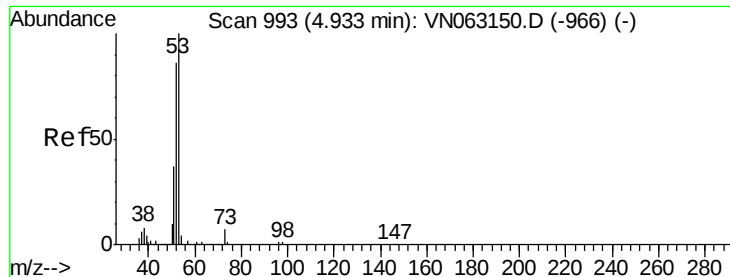
Ion Ratio Lower Upper

41 100

39 77.6 60.2 90.2

76 34.5 27.7 41.5





#15

Acrylonitrile

Concen: 241.191 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

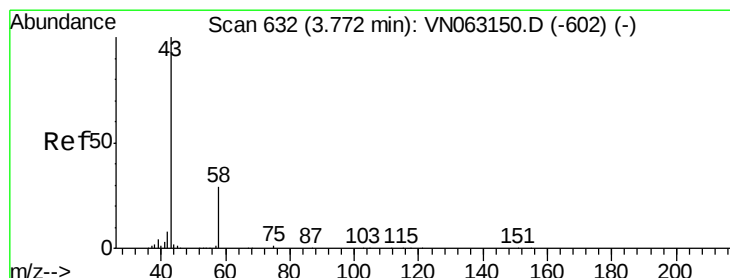
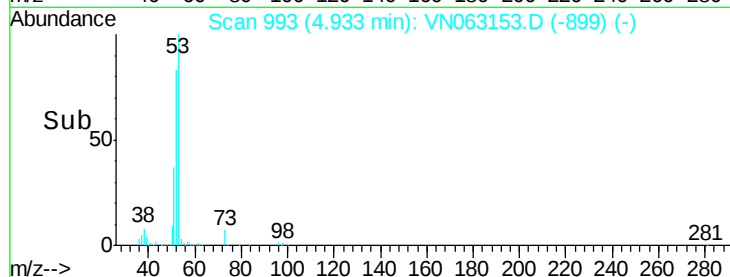
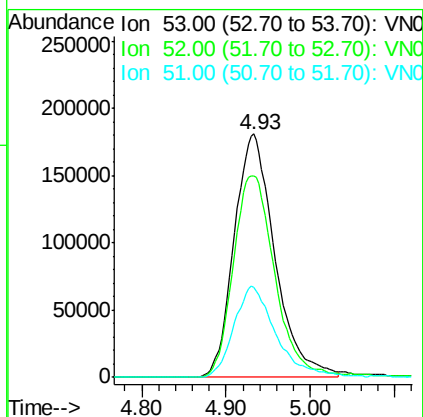
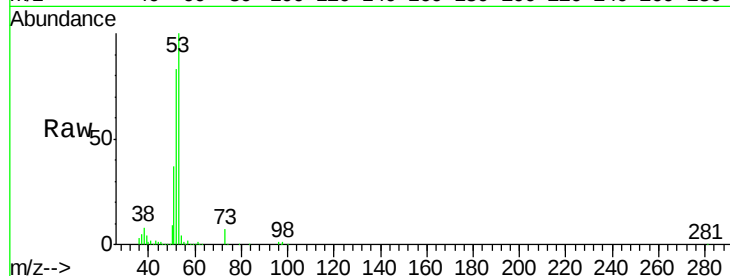
ClientSampleId :

ICVVN083120

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 607712 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 84.3  | 67.2  | 100.8  |
| 51       | 38.7  | 30.2  | 45.4   |

Manual Integrations  
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9/1/2020 9:07:35 AM



#16

Acetone

Concen: 243.547 ug/l

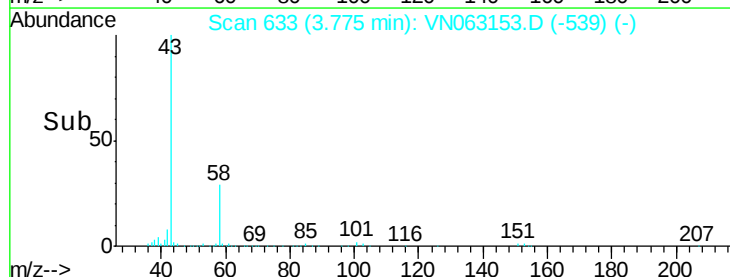
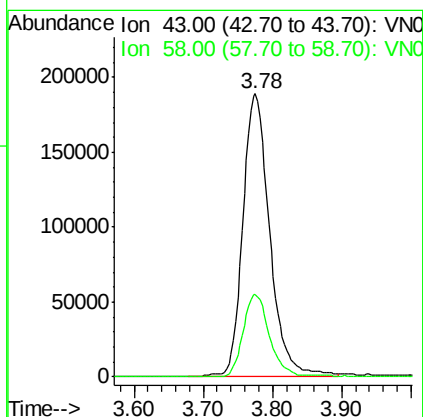
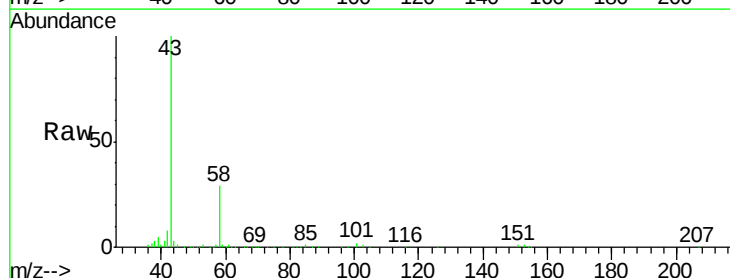
RT: 3.78 min Scan# 633

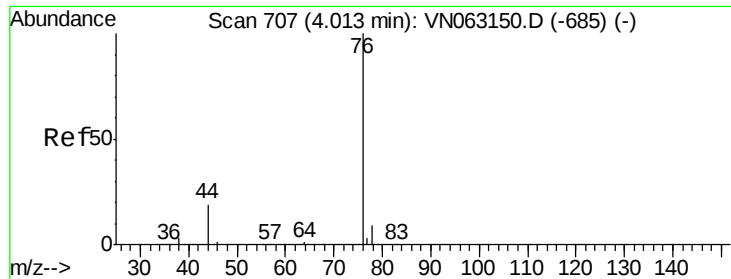
Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 507522 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 29.2  | 23.1  | 34.7   |





#17

Carbon Disulfide

Concen: 47.784 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN083120

Tot Ion: 76 Resp: 699757

Ion Ratio Lower Upper

76 100

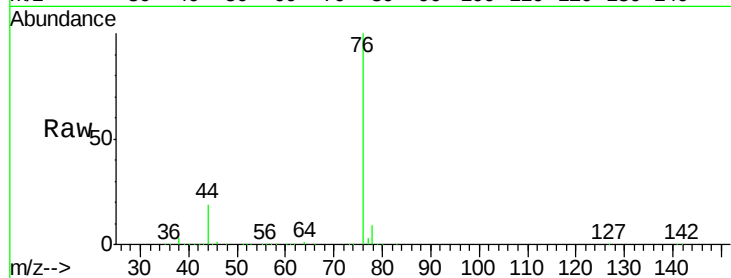
78 8.8 7.5 11.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

250000

200000

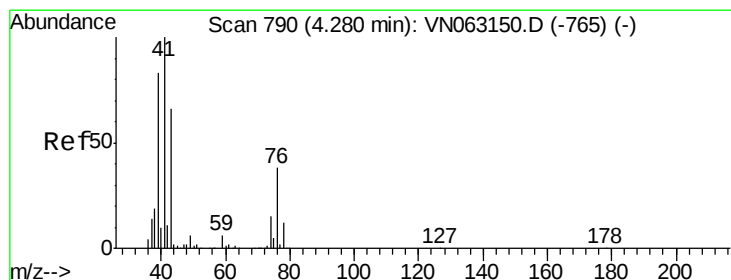
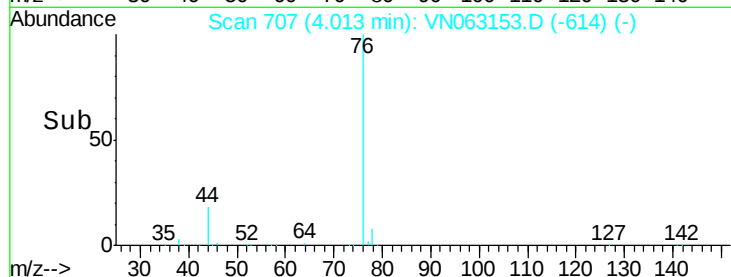
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.253 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063153.D

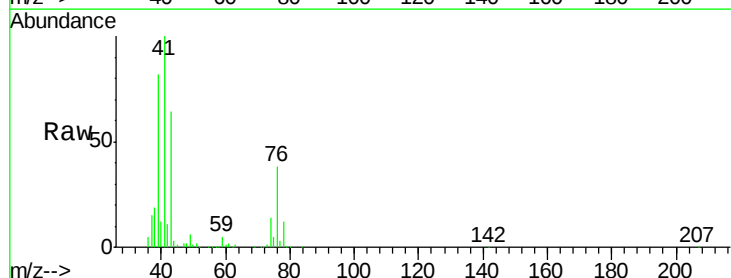
Acq: 31 Aug 2020 15:46

Tgt Ion: 43 Resp: 268507

Ion Ratio Lower Upper

43 100

74 23.1 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

100000

80000

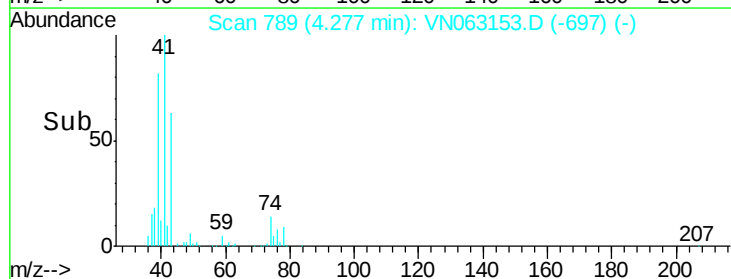
60000

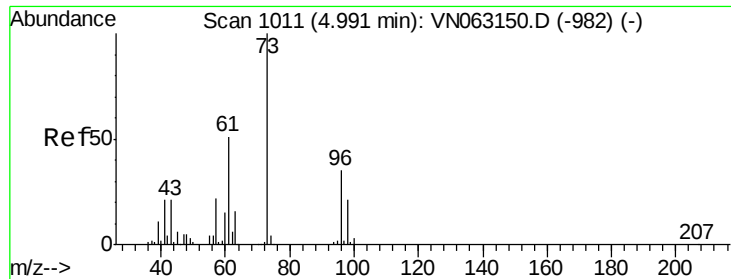
40000

20000

0

Time-->





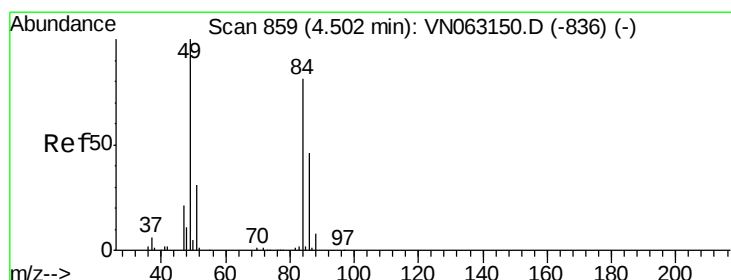
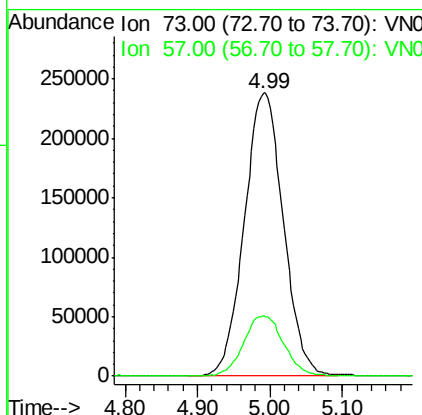
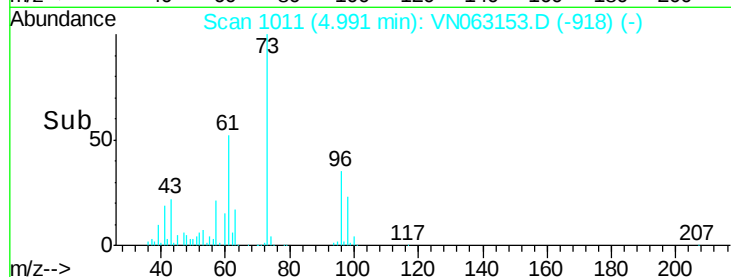
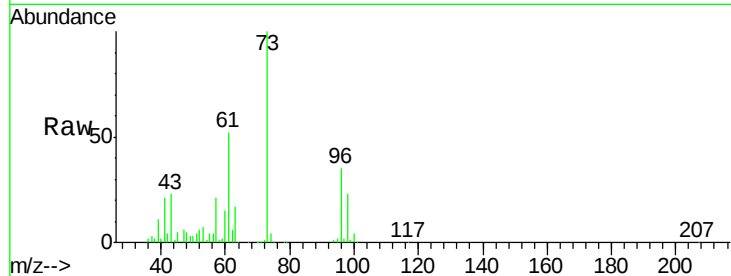
#19  
Methyl tert-butyl Ether  
Concen: 48.803 ug/l  
RT: 4.99 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Instrument :  
MSVOA\_N  
ClientSampled :  
ICVVN083120

Tot Ion: 73 Resp: 890744  
Ion Ratio Lower Upper  
73 100  
57 21.2 17.6 26.4

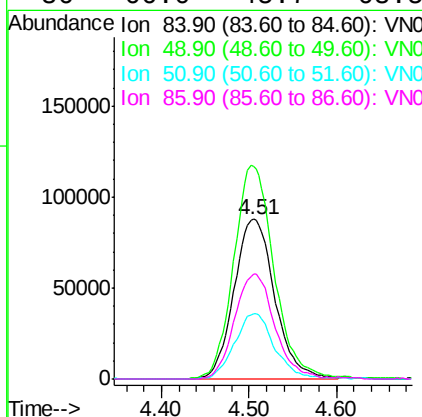
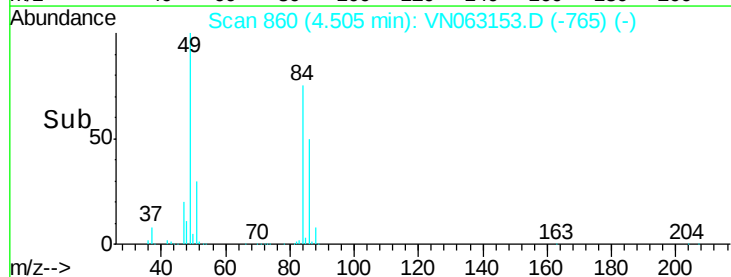
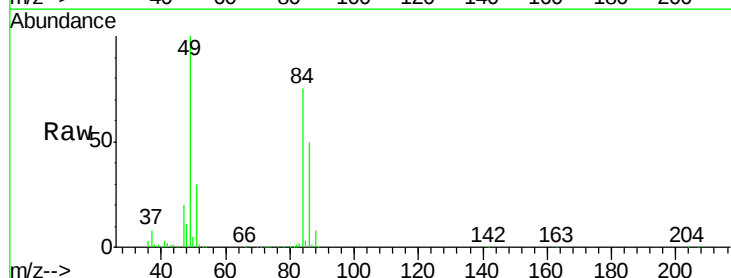
Manual Integrations  
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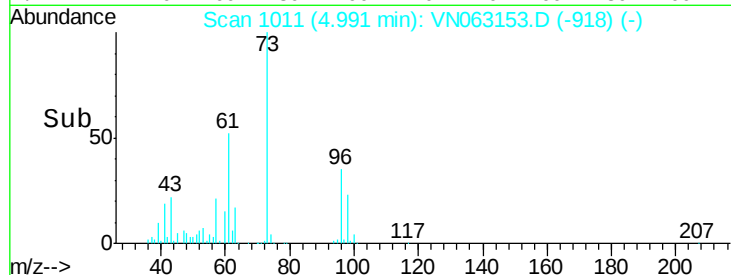
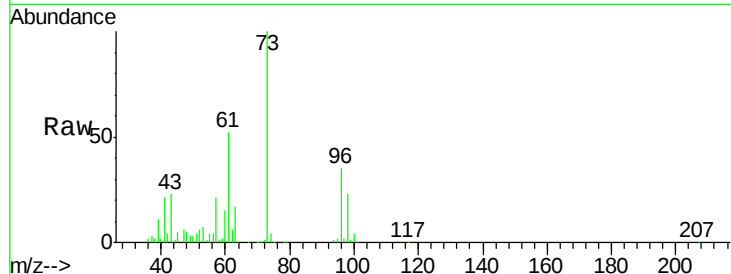
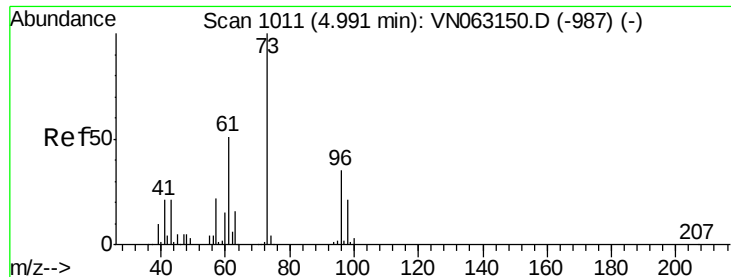
MMDadoda  
9/1/2020 9:07:35 AM



#20  
Methylene Chloride  
Concen: 48.407 ug/l  
RT: 4.51 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Tgt Ion: 84 Resp: 283737  
Ion Ratio Lower Upper  
84 100  
49 132.9 98.4 147.6  
51 40.5 30.4 45.6  
86 66.0 45.7 68.5





#21

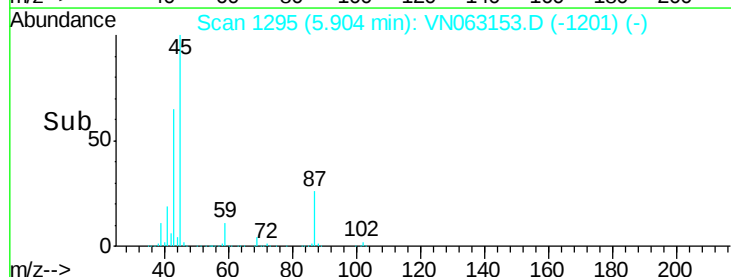
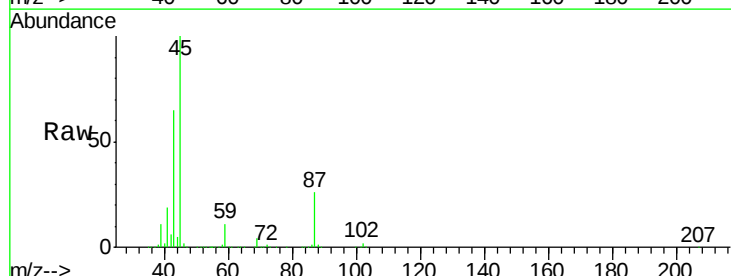
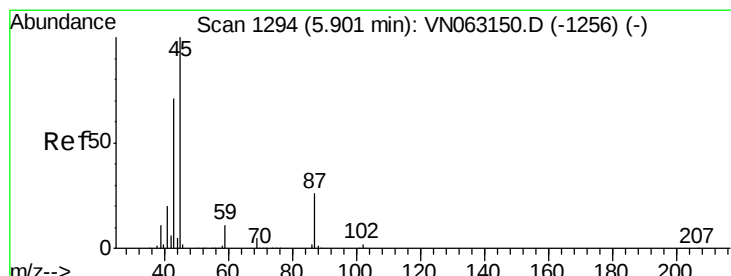
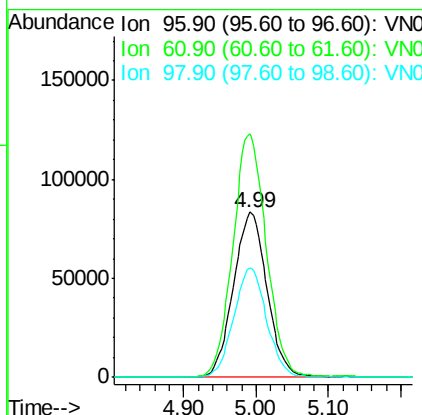
trans-1,2-Dichloroethene  
Concen: 49.540 ug/l  
RT: 4.99 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 269285 |       |       |
| 61      | 147.6 |        | 116.2 | 174.4 |
| 98      | 66.3  |        | 48.0  | 72.0  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN083120

Manual Integrations  
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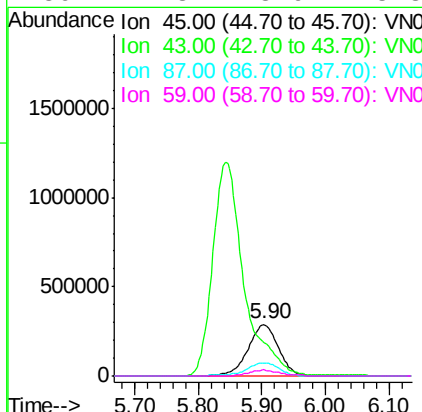
MMDadoda  
9/1/2020 9:07:35 AM

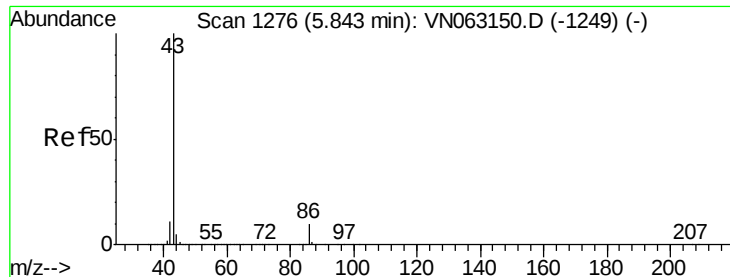


#22

Diisopropyl ether  
Concen: 49.192 ug/l  
RT: 5.90 min Scan# 1295  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 963231 |       |       |
| 43      | 63.4  |        | 56.8  | 85.2  |
| 87      | 25.7  |        | 21.1  | 31.7  |
| 59      | 11.3  |        | 8.9   | 13.3  |





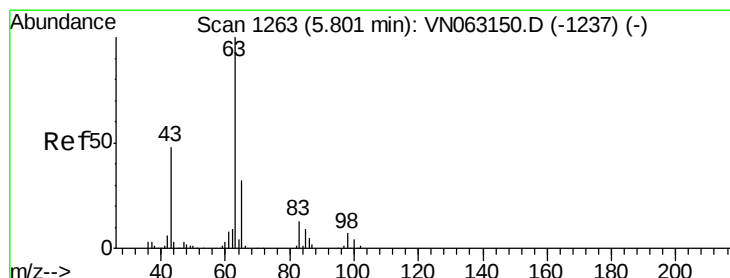
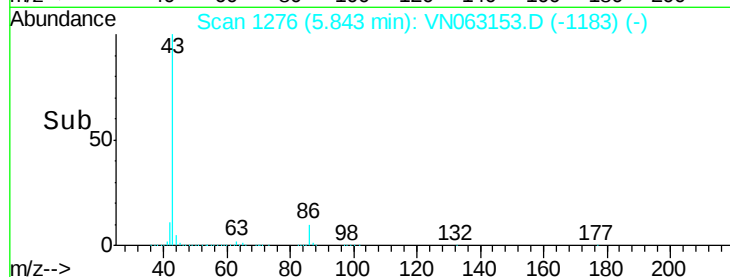
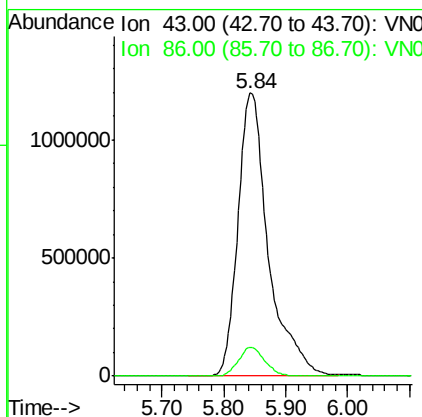
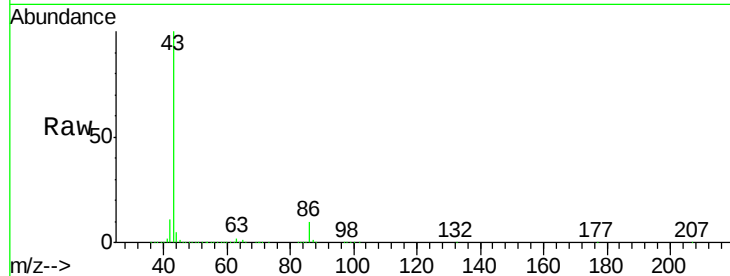
#23  
 Vinyl Acetate  
 Concen: 262.382 ug/l  
 RT: 5.84 min Scan# 1276  
 Delta R.T. 0.00 min  
 Lab File: VN063153.D  
 Acq: 31 Aug 2020 15:46

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 ICVVN083120

Tot Ion: 43 Resp: 4099470  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 8.3 12.5

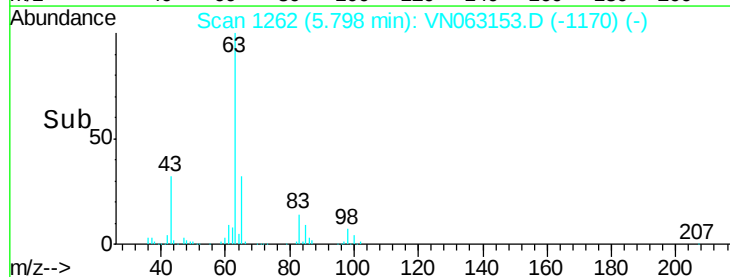
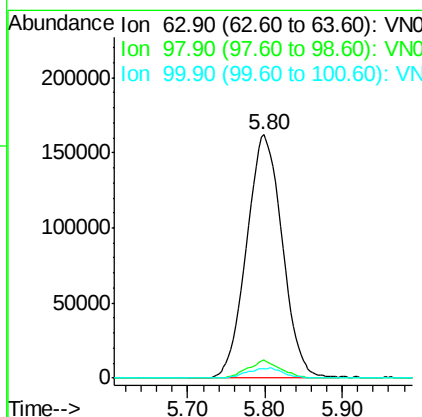
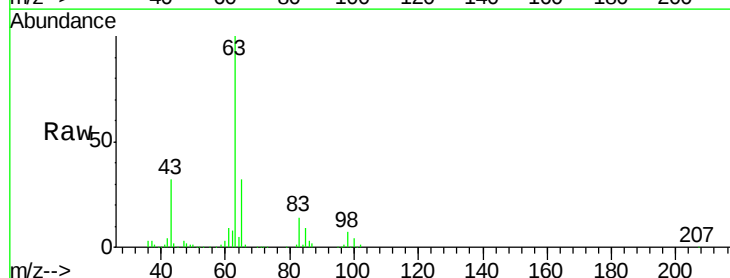
Manual Integrations  
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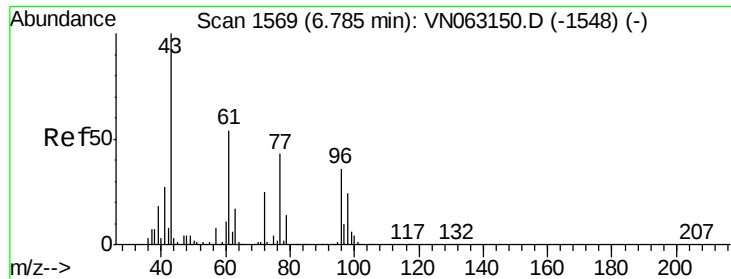
MMDadoda  
 9/1/2020 9:07:35 AM



#24  
 1,1-Dichloroethane  
 Concen: 48.356 ug/l  
 RT: 5.80 min Scan# 1262  
 Delta R.T. -0.00 min  
 Lab File: VN063153.D  
 Acq: 31 Aug 2020 15:46

Tgt Ion: 63 Resp: 521991  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.4 10.1  
 100 3.8 2.3 6.8





#25

2-Butanone

Concen: 265.351 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN083120

Tot Ion: 43 Resp: 856202

Ion Ratio Lower Upper

43 100

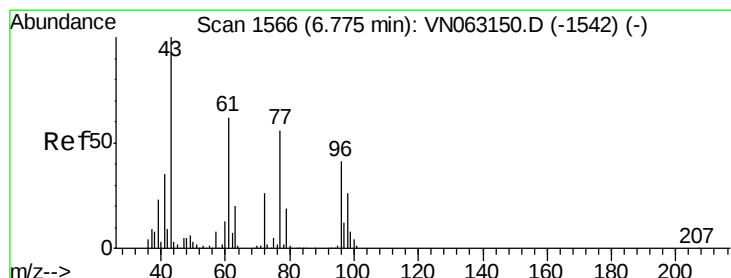
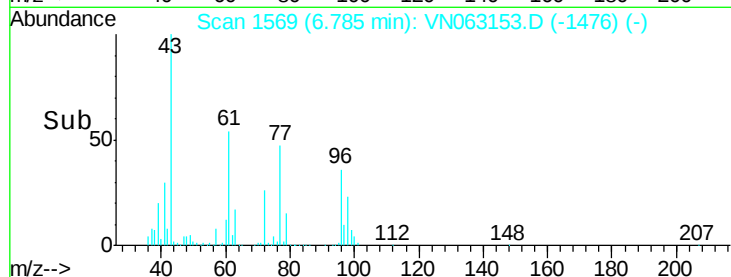
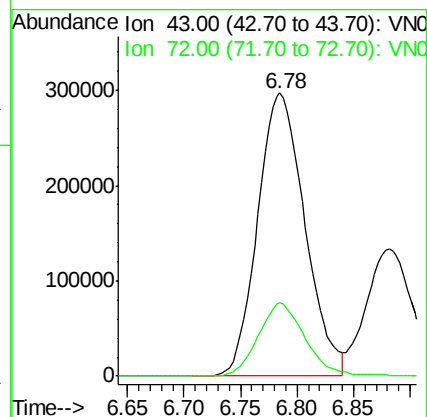
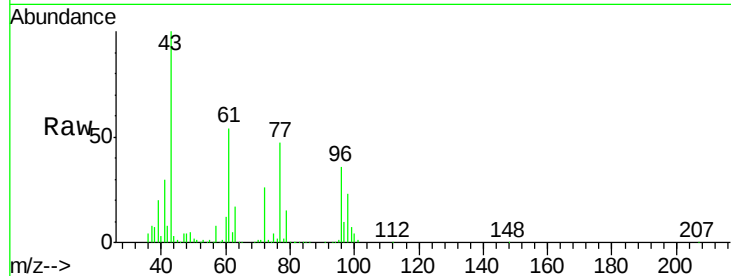
72 26.2 20.2 30.4

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9/1/2020 9:07:35 AM



#26

2,2-Dichloropropane

Concen: 49.903 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063153.D

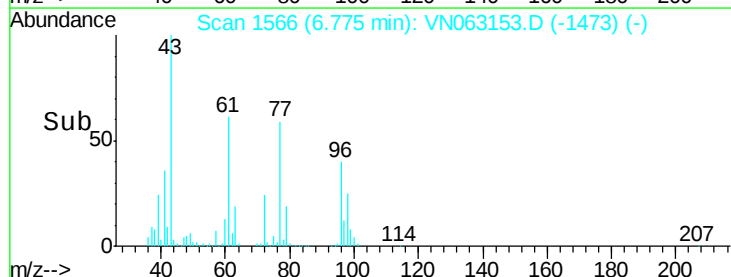
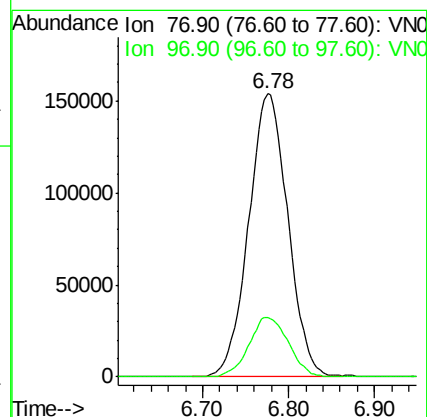
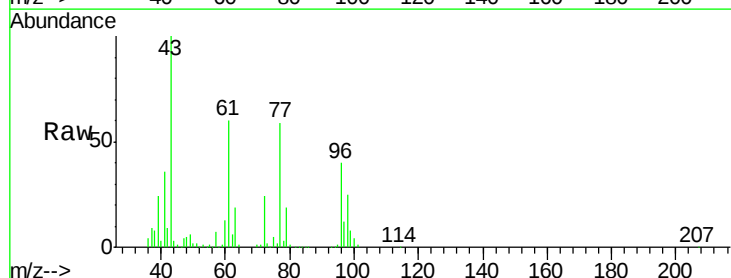
Acq: 31 Aug 2020 15:46

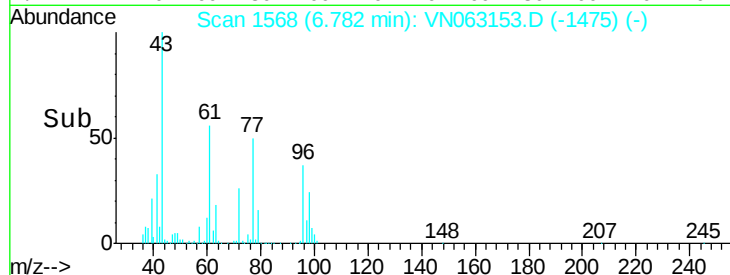
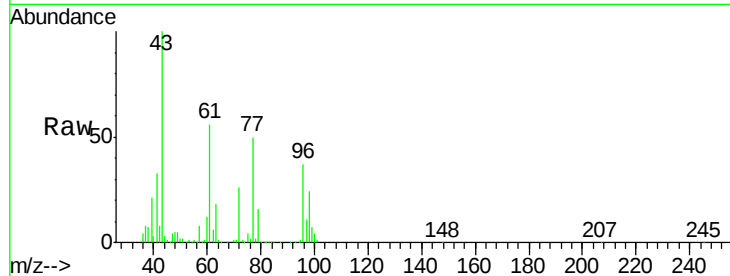
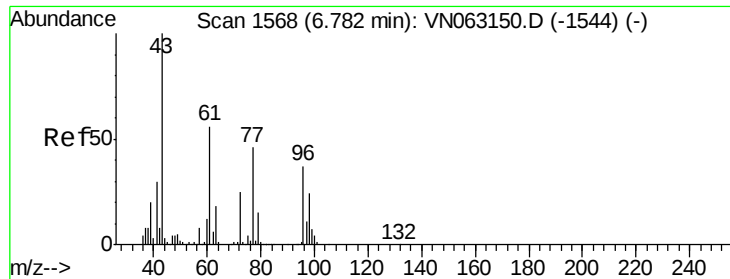
Tgt Ion: 77 Resp: 488060

Ion Ratio Lower Upper

77 100

97 21.2 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 47.714 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063153.D

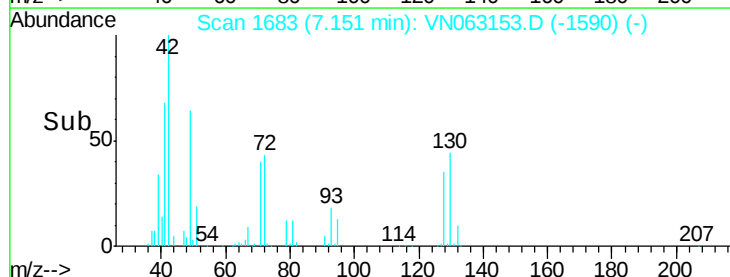
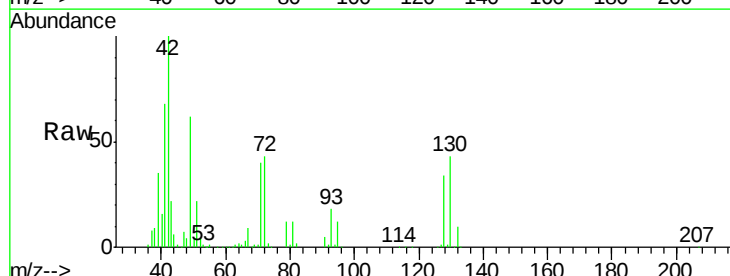
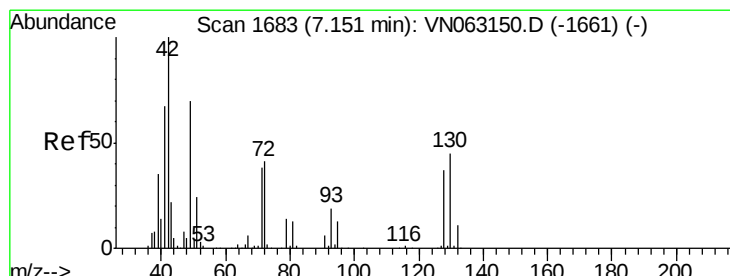
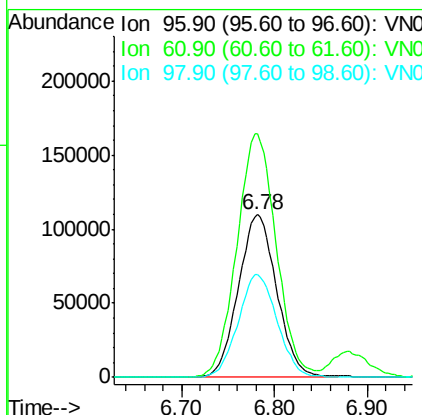
Acq: 31 Aug 2020 15:46

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 153.4 | 0.0  | 303.2 |       |
| 98      | 64.1  | 0.0  | 129.0 |       |

Instrument :  
MSVOA\_N  
ClientSampled :  
ICVVN083120

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#28

Bromochloromethane

Concen: 45.707 ug/l

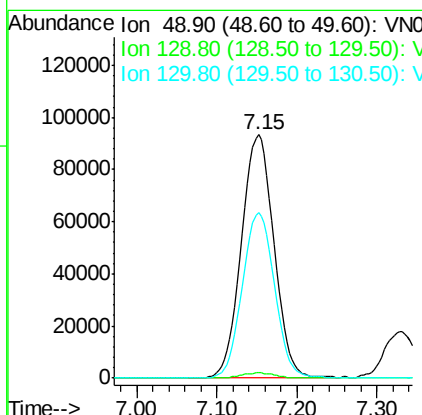
RT: 7.15 min Scan# 1683

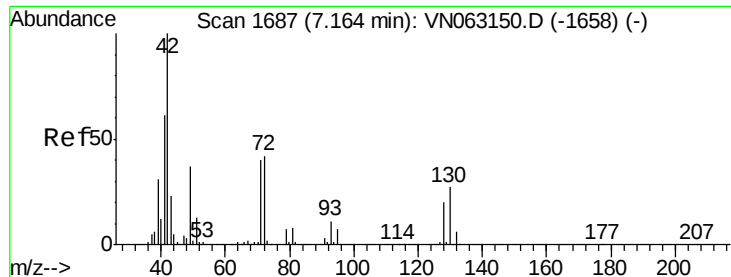
Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 2.2   | 0.0  | 4.0   |       |
| 130     | 67.2  | 54.4 | 81.6  |       |





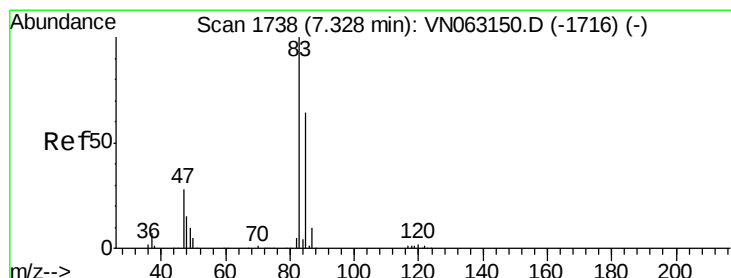
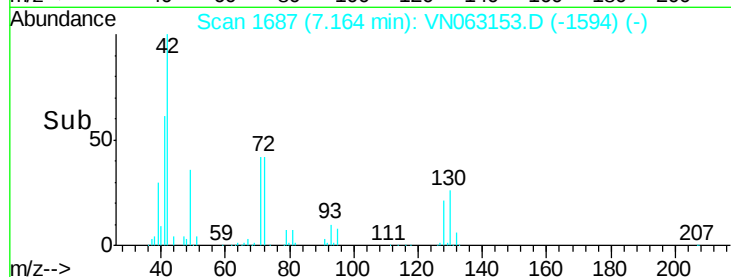
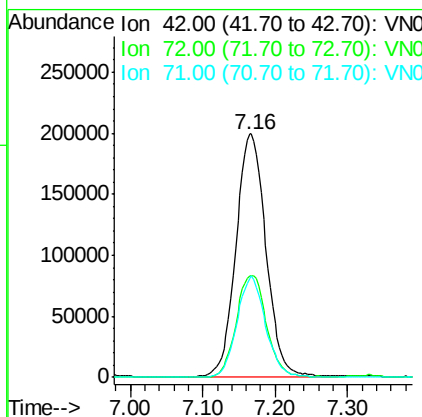
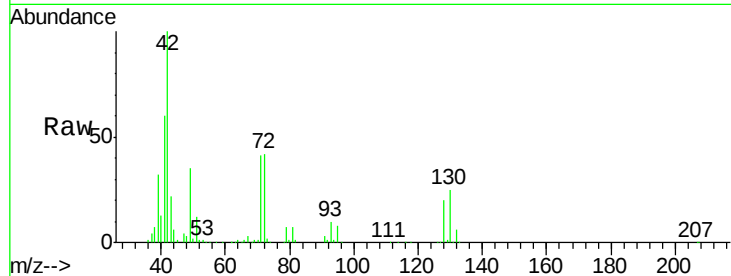
#29  
Tetrahydrofuran  
Concen: 256.869 ug/l  
RT: 7.16 min Scan# 1687  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN083120

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.0  | 33.9  | 50.9  |
| 71      | 39.8  | 31.9  | 47.9  |

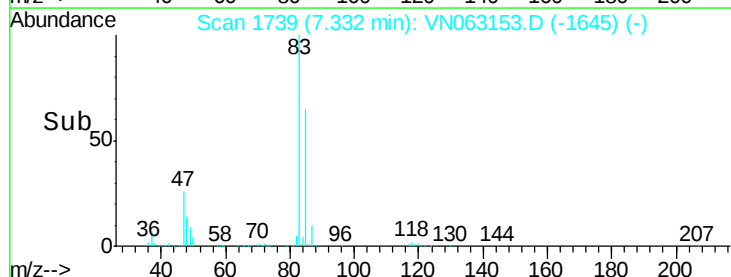
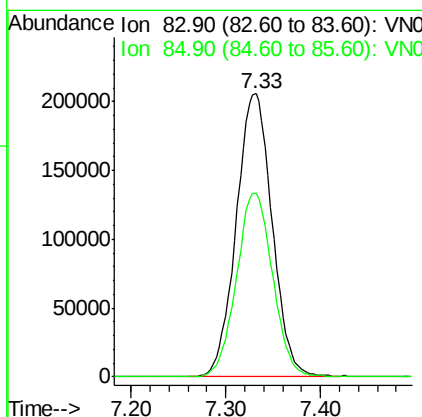
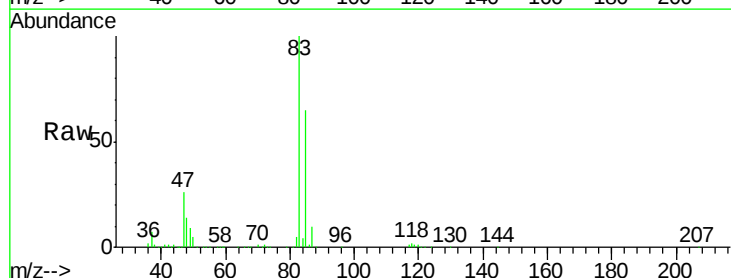
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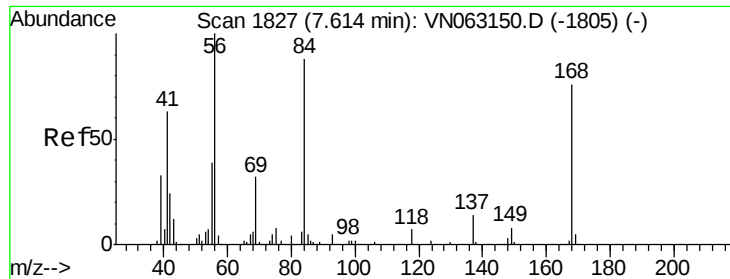
MMDadoda  
9/1/2020 9:07:35 AM



#30  
Chloroform  
Concen: 48.134 ug/l  
RT: 7.33 min Scan# 1739  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.8  | 51.0  | 76.6  |





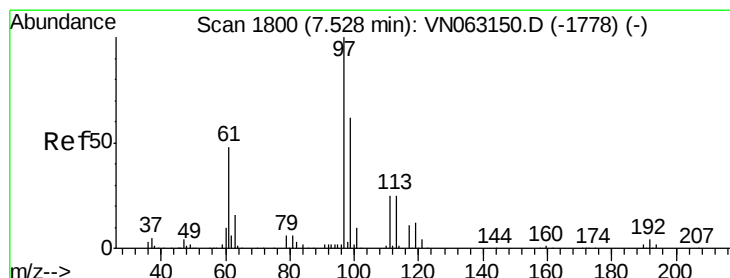
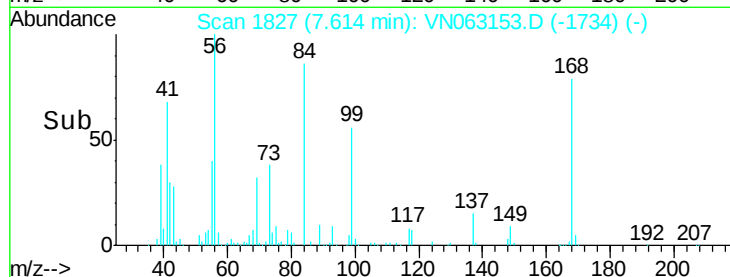
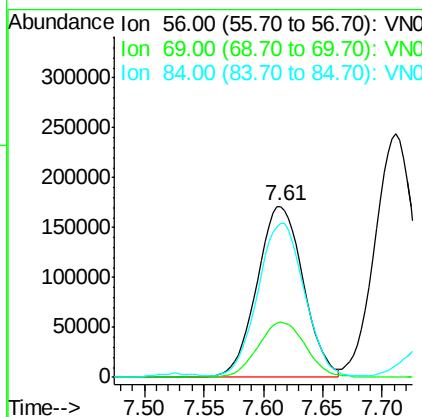
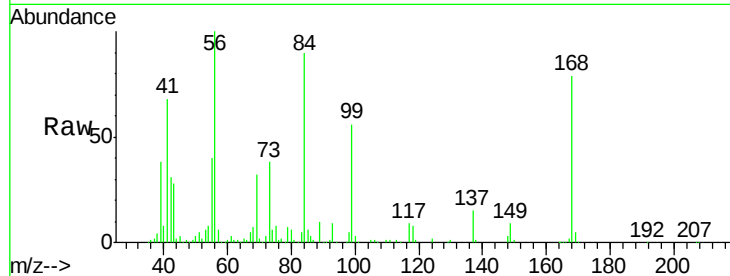
#31  
Cyclohexane  
Concen: 48.567 ug/l  
RT: 7.61 min Scan# 1827  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Instrument :  
MSVOA\_N  
ClientSampled :  
ICVVN083120

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.1  | 25.4  | 38.0  |
| 84      | 88.1  | 70.2  | 105.4 |

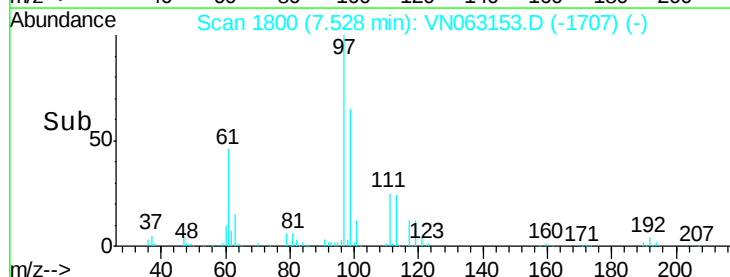
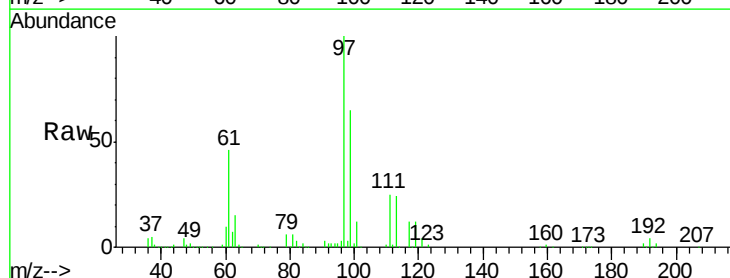
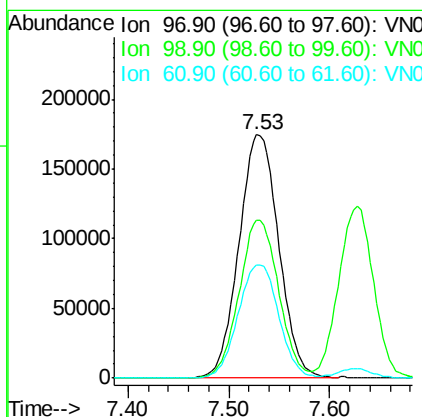
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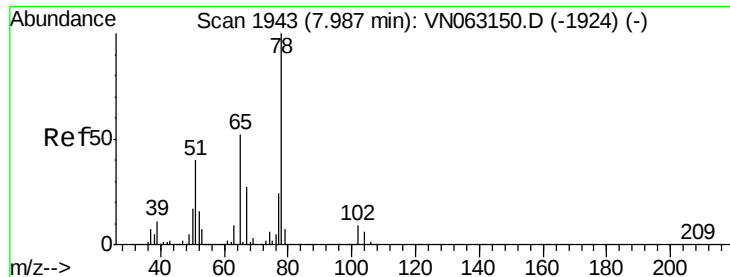
MMDadoda  
9/1/2020 9:07:35 AM



#32  
1,1,1-Trichloroethane  
Concen: 49.198 ug/l  
RT: 7.53 min Scan# 1800  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.4  | 50.8  | 76.2  |
| 61      | 47.5  | 37.4  | 56.2  |





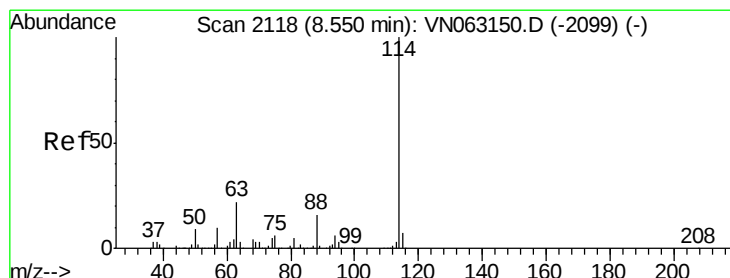
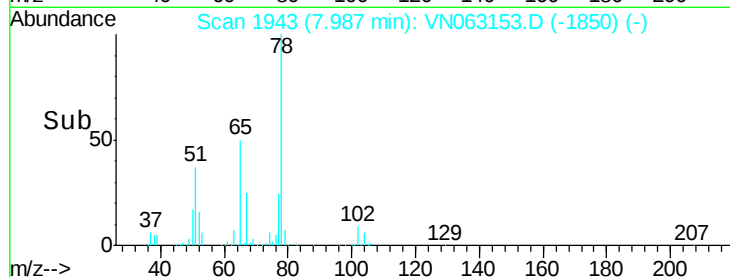
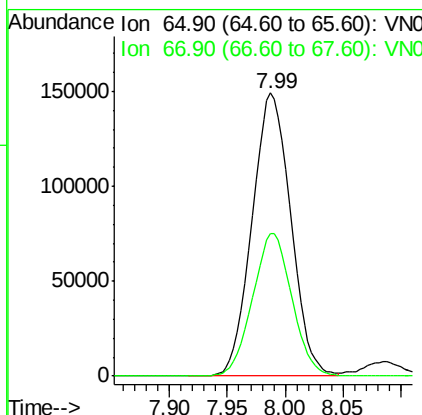
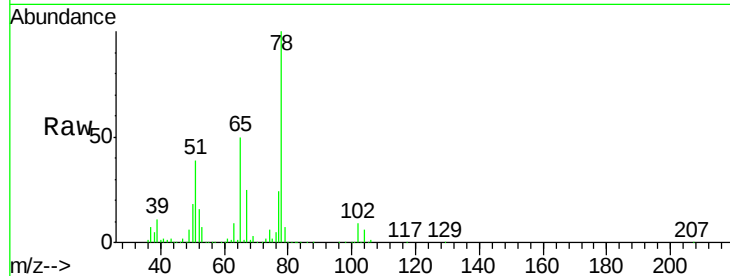
#33  
 1,2-Dichloroethane-d4  
 Concen: 47.354 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN063153.D  
 Acq: 31 Aug 2020 15:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN083120

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 51.2  | 0.0  | 104.4 |       |

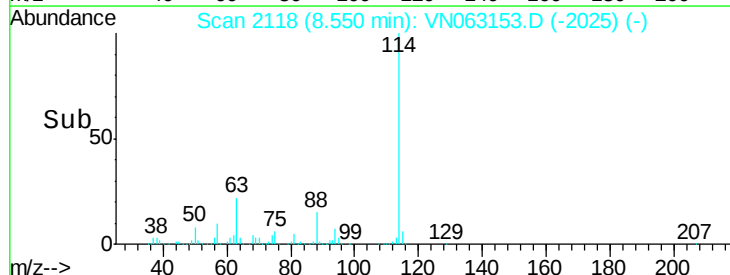
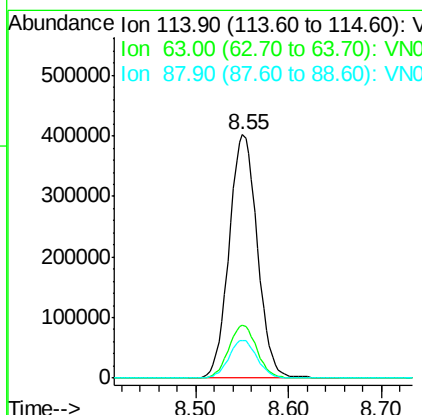
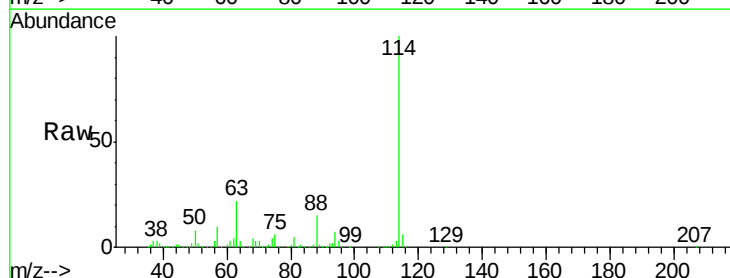
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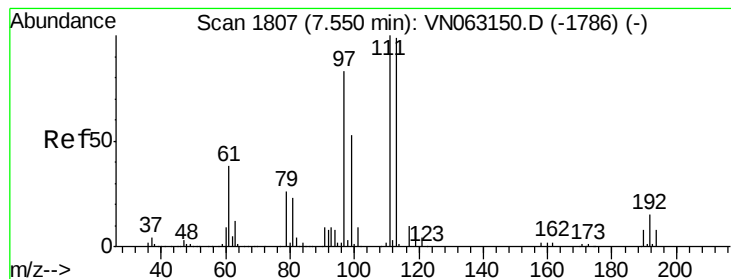
MMDadoda  
 9/1/2020 9:07:35 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN063153.D  
 Acq: 31 Aug 2020 15:46

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 21.6  | 0.0  | 43.0  |       |
| 88      | 15.5  | 0.0  | 31.6  |       |





#35

Dibromofluoromethane

Concen: 47.813 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

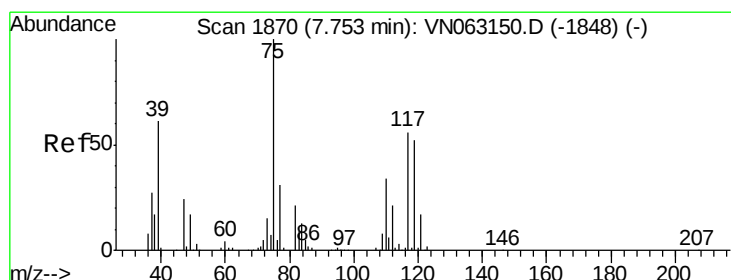
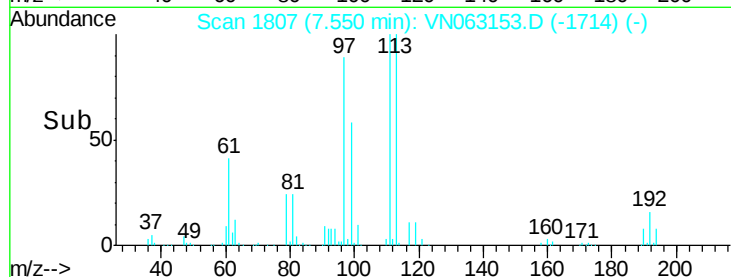
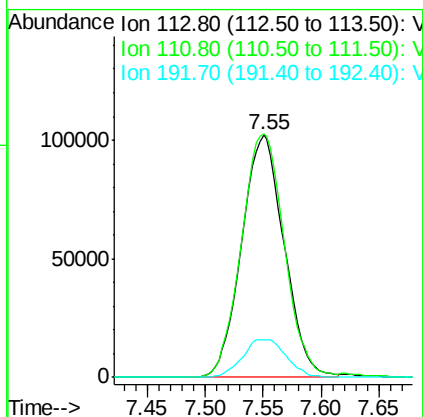
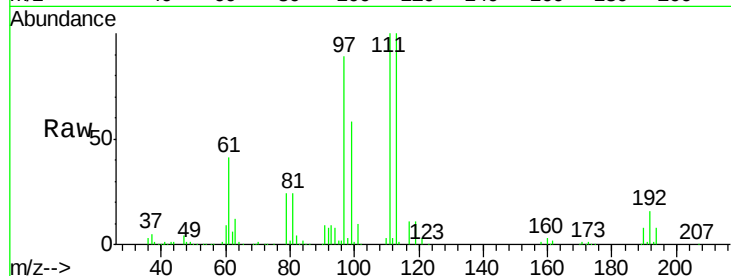
ClientSampled :

ICVVN083120

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 260005 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.7 | 80.7  | 121.1  |
| 192       | 16.2  | 12.6  | 19.0   |

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MMDadoda  
9/1/2020 9:07:35 AM



#36

1,1-Dichloropropene

Concen: 50.731 ug/l

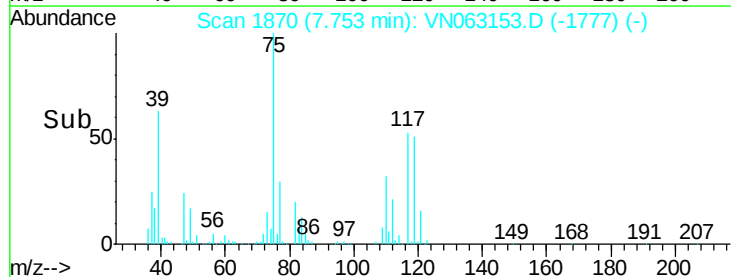
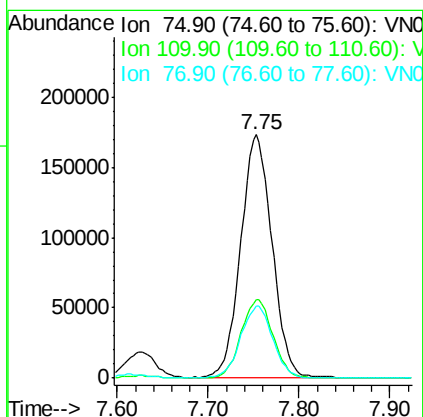
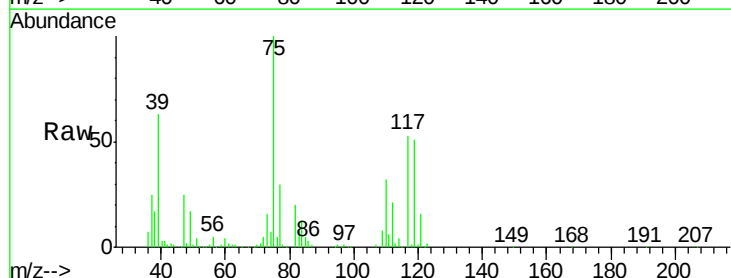
RT: 7.75 min Scan# 1870

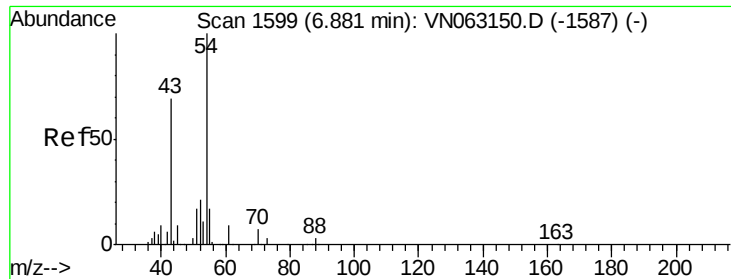
Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 413386 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 33.0  | 16.6  | 49.8   |
| 77        | 30.6  | 25.4  | 38.2   |





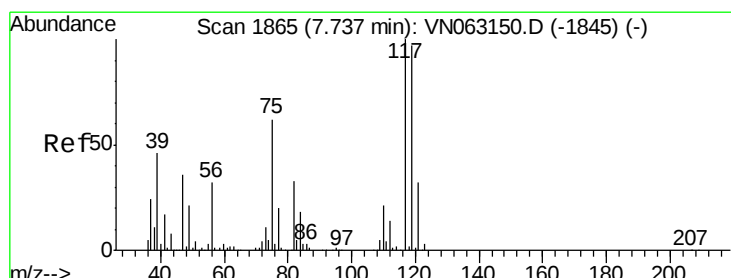
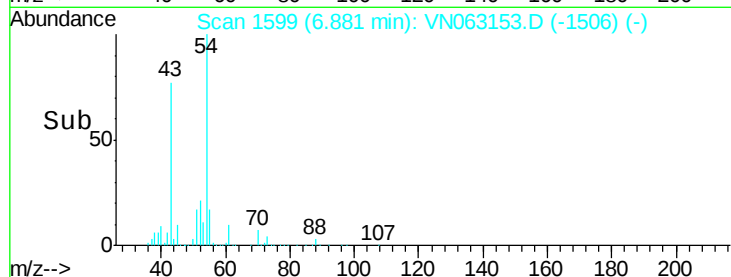
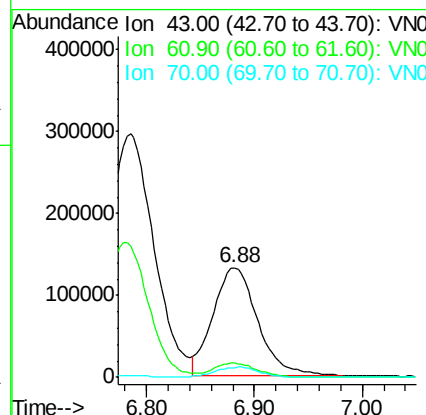
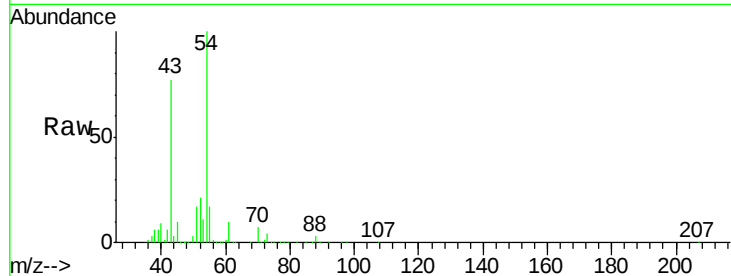
#37  
Ethyl Acetate  
Concen: 49.627 ug/l  
RT: 6.88 min Scan# 1599  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN083120

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 43      | 100   |      |       |       |
| 61      | 12.3  | 10.2 | 15.4  |       |
| 70      | 9.0   | 3.0  | 4.6   |       |

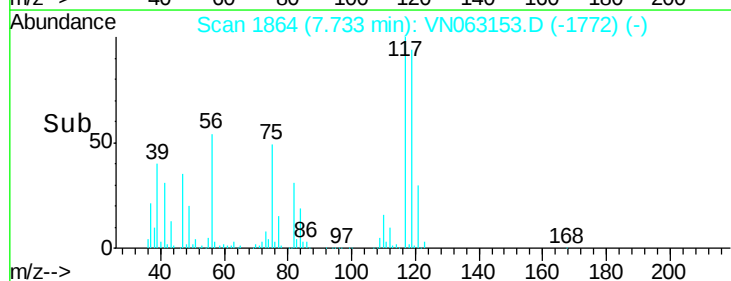
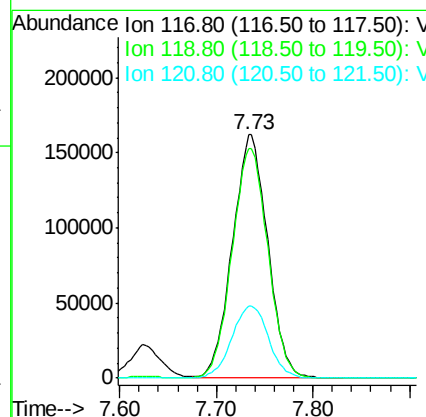
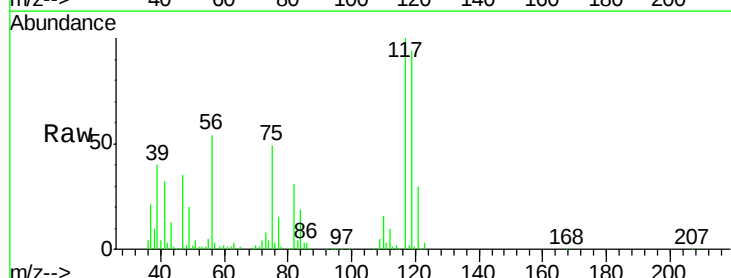
Manual Integrations  
APPROVED

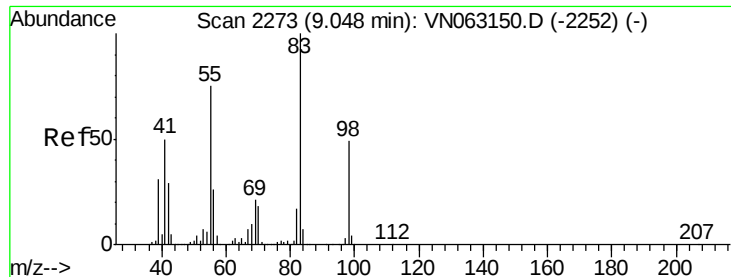
MMDadoda  
9/1/2020 9:07:35 AM



#38  
Carbon Tetrachloride  
Concen: 49.442 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. -0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 94.4  | 77.2 | 115.8 |       |
| 121     | 29.7  | 25.6 | 38.4  |       |





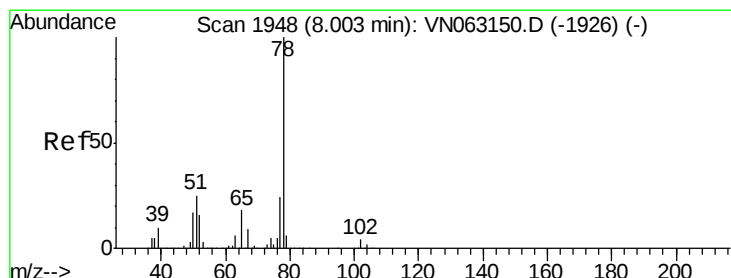
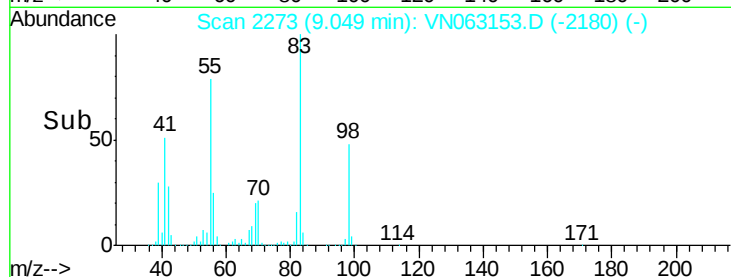
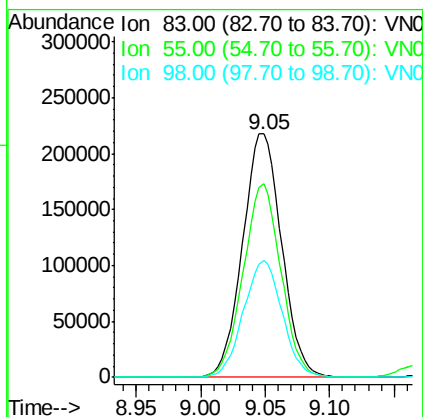
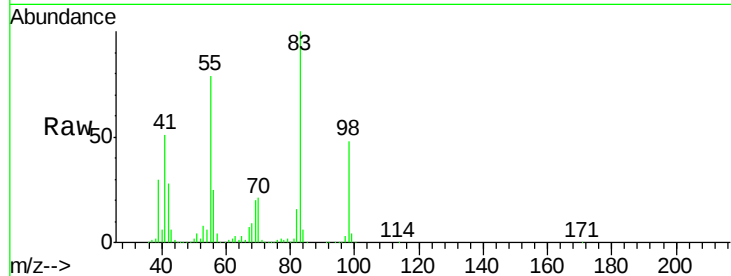
#39  
Methvlcvclohexane  
Concen: 50.240 ug/l  
RT: 9.05 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Instrument :  
MSVOA\_N  
ClientSampled :  
ICVVN083120

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 79.3  | 60.3  | 90.5  |
| 98      | 48.0  | 38.9  | 58.3  |

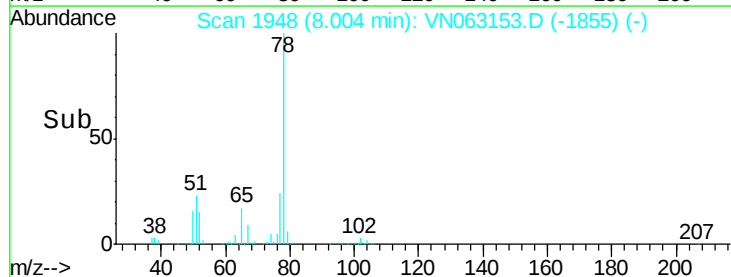
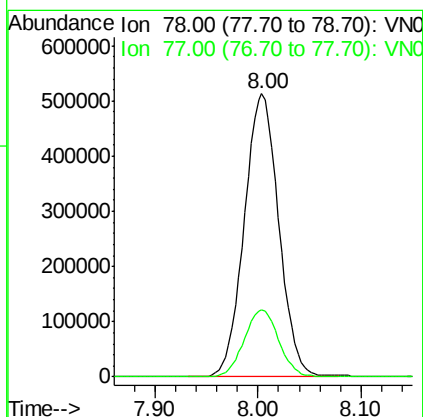
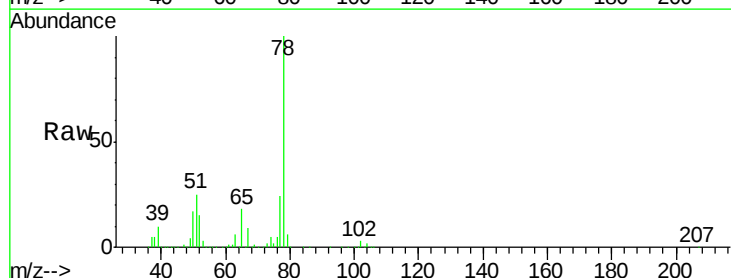
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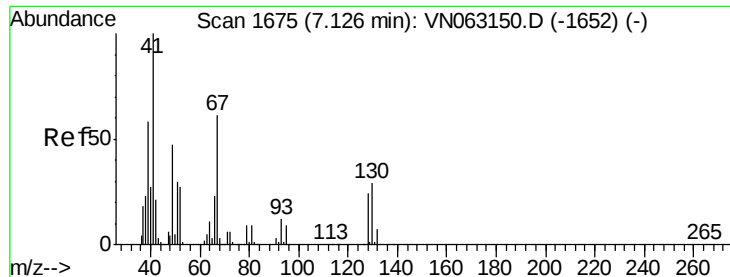
MMDadoda  
9/1/2020 9:07:35 AM



#40  
Benzene  
Concen: 49.760 ug/l  
RT: 8.00 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.8  | 19.3  | 28.9  |





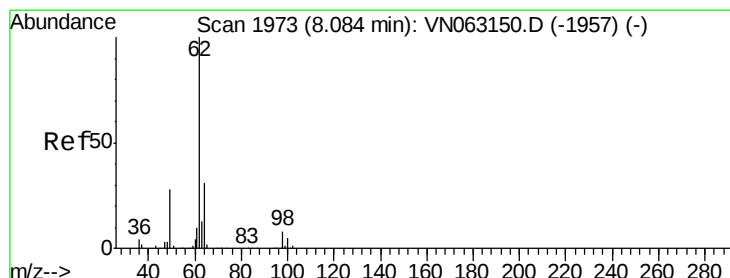
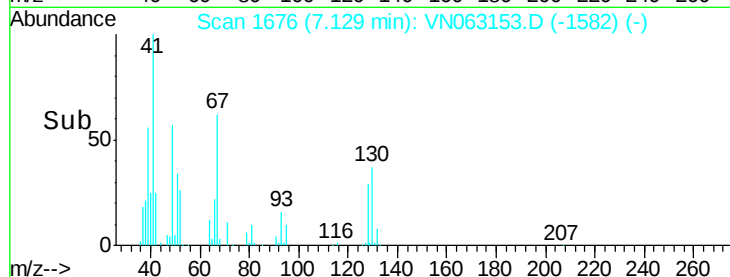
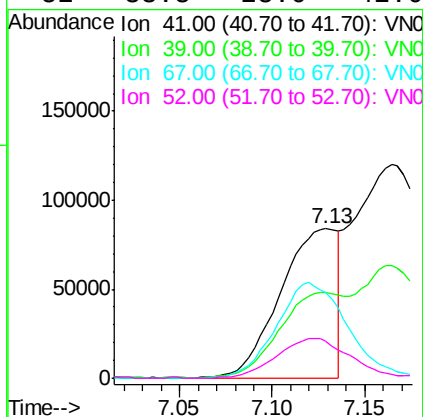
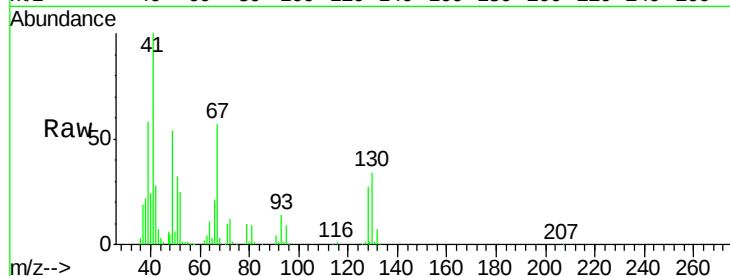
#41  
Methacrylonitrile  
Concen: 52.488 ug/l  
RT: 7.13 min Scan# 1676  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN083120

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 41      | 100   |      |       |       |
| 39      | 67.0  | 46.6 | 70.0  |       |
| 67      | 81.0  | 62.6 | 94.0  |       |
| 52      | 33.8  | 28.0 | 42.0  |       |

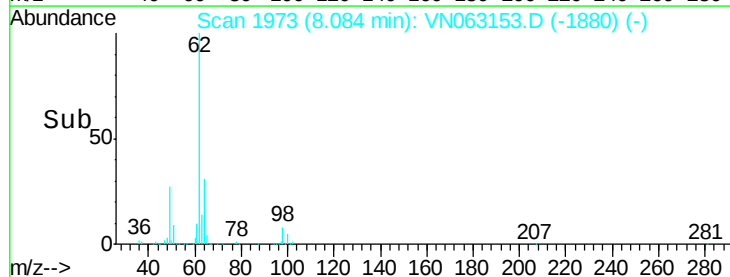
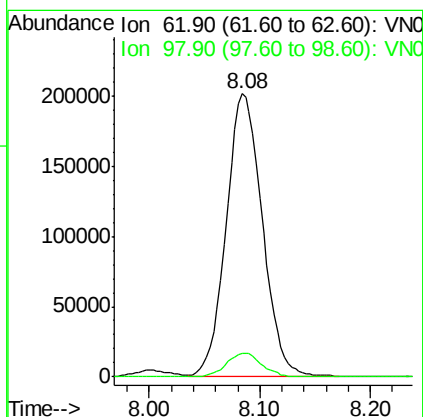
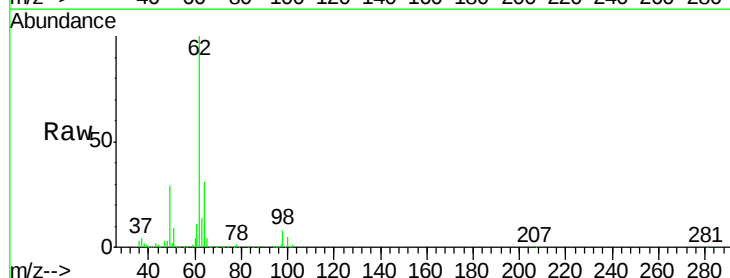
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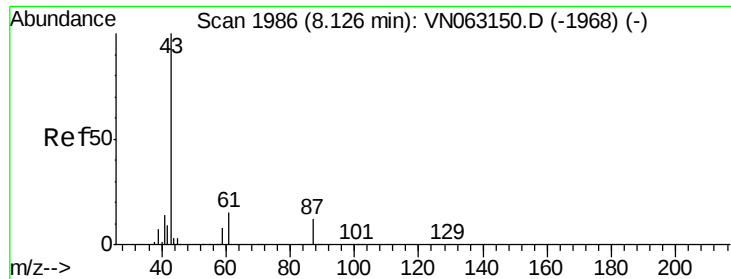
MMDadoda  
9/1/2020 9:07:35 AM



#42  
1,2-Dichloroethane  
Concen: 50.961 ug/l  
RT: 8.08 min Scan# 1973  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 62      | 100   |      |       |       |
| 98      | 8.3   | 0.0  | 17.2  |       |





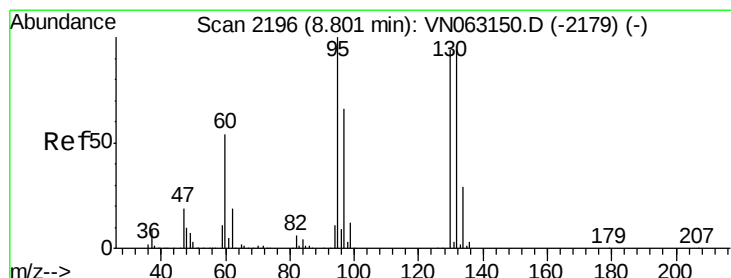
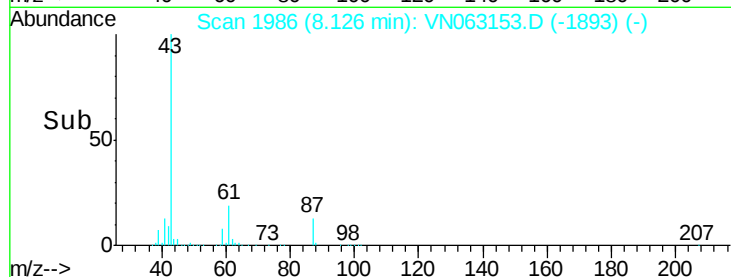
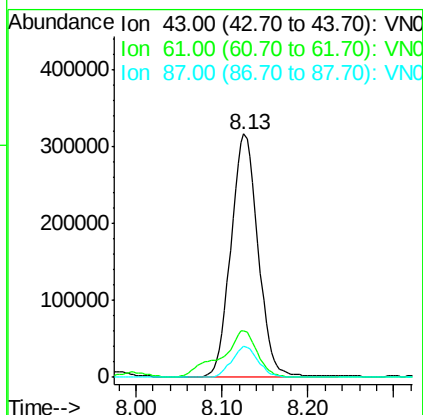
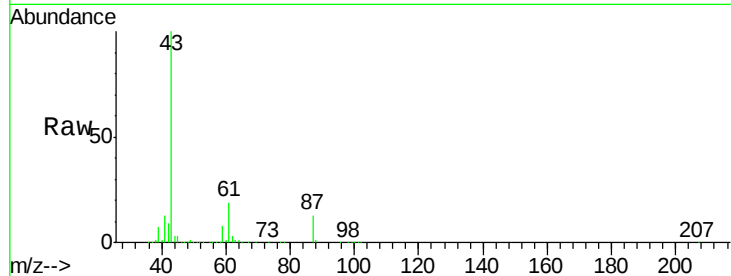
#43  
Isopropyl Acetate  
Concen: 52.100 ug/l  
RT: 8.13 min Scan# 1986  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN083120

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 25.3  | 20.2  | 30.4  |
| 87      | 12.4  | 9.8   | 14.6  |

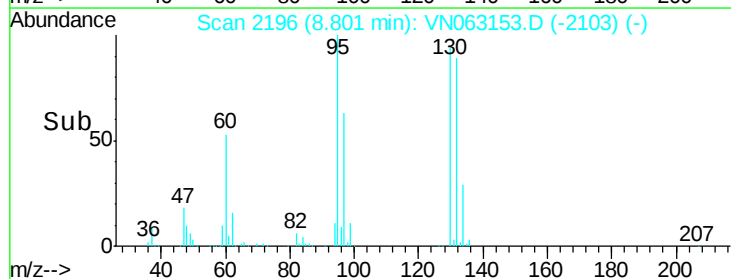
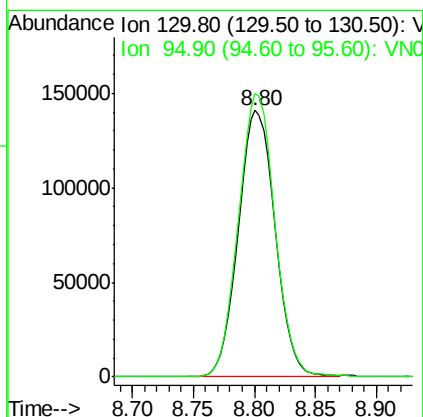
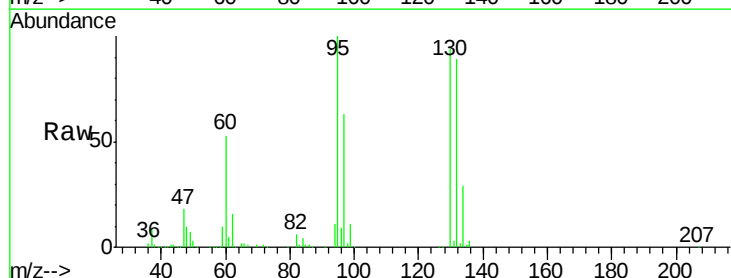
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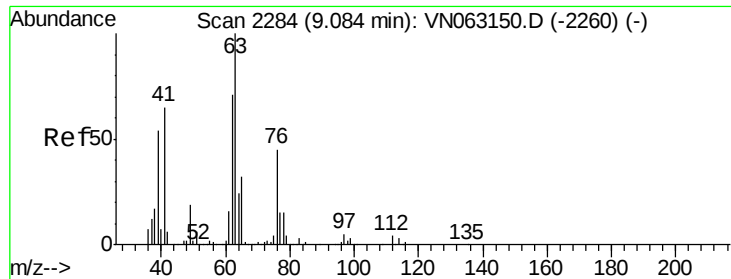
MMDadoda  
9/1/2020 9:07:35 AM



#44  
Trichloroethene  
Concen: 50.673 ug/l  
RT: 8.80 min Scan# 2196  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 106.4 | 0.0   | 212.0 |





#45

1,2-Dichloropropane

Concen: 49.464 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN083120

Tot Ion: 63 Resp: 313600

Ion Ratio Lower Upper

63 100

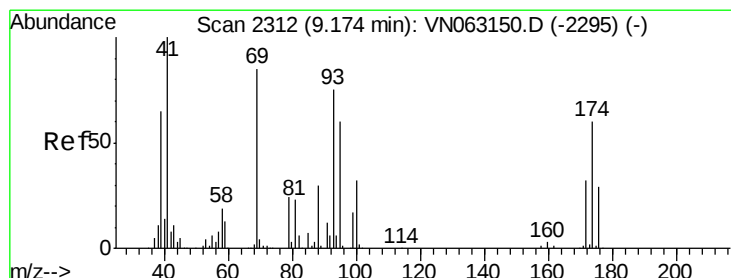
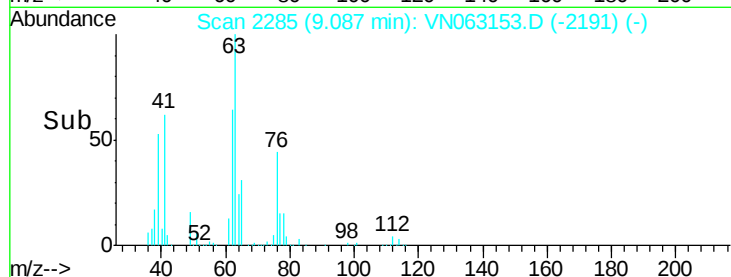
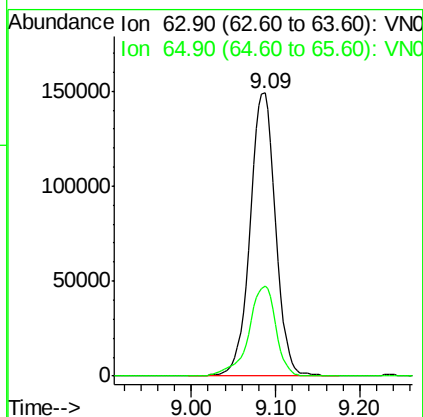
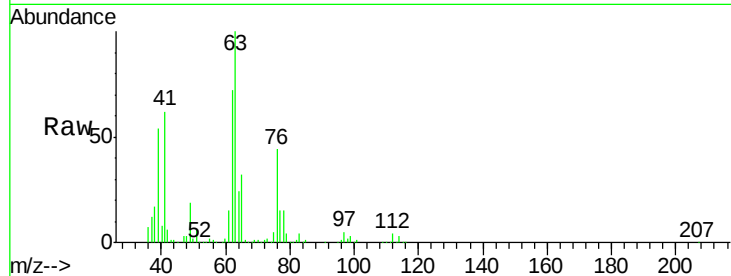
65 31.7 25.4 38.0

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#46

Dibromomethane

Concen: 50.736 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

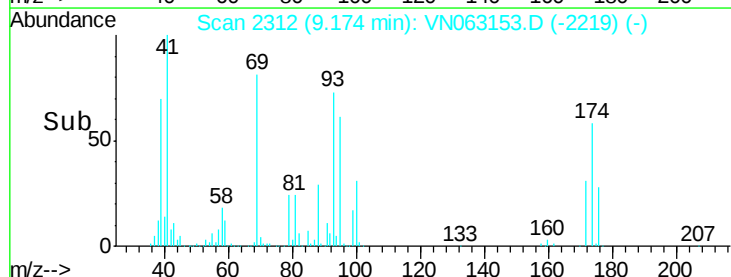
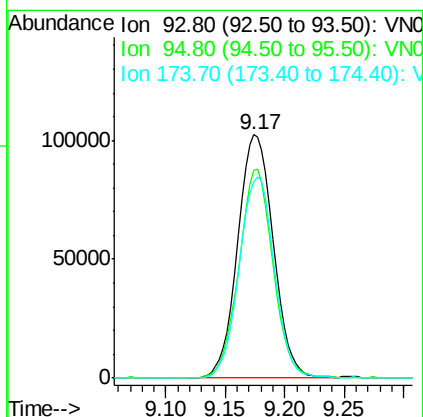
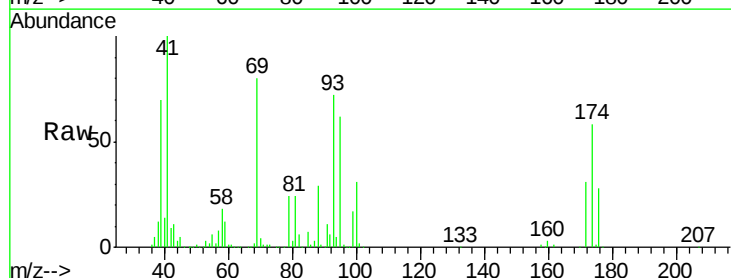
Tgt Ion: 93 Resp: 213165

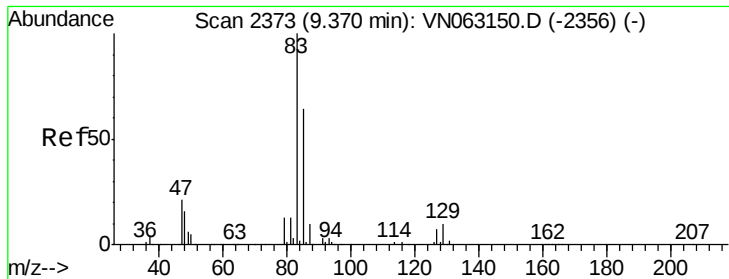
Ion Ratio Lower Upper

93 100

95 82.3 65.2 97.8

174 81.4 64.6 97.0





#47

Bromodichloromethane

Concen: 49.841 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

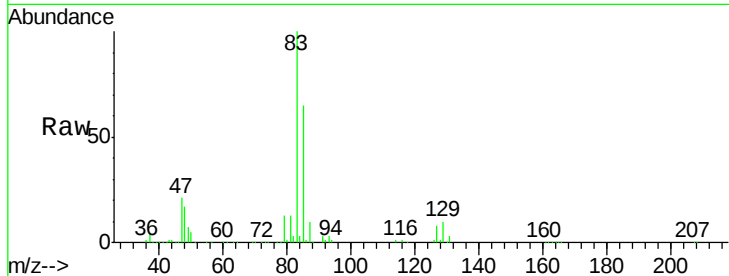
ClientSampleId :

ICVVN083120

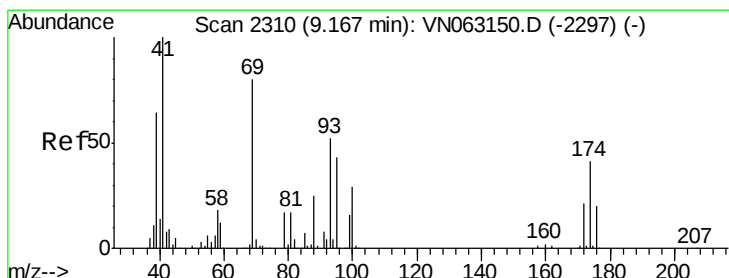
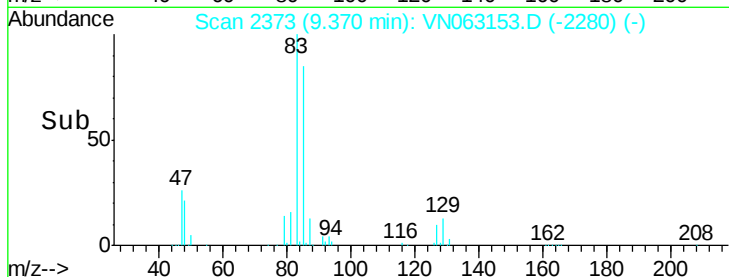
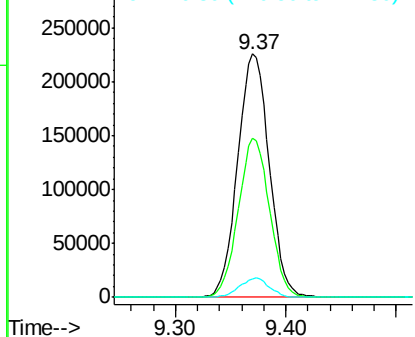
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 448859 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.4  | 51.0  | 76.6   |
| 127      | 7.7   | 5.7   | 8.5    |

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Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.743 ug/l

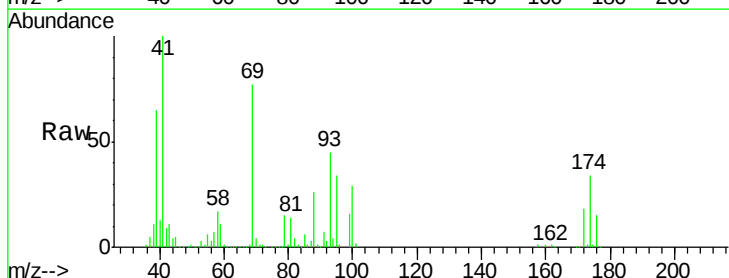
RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

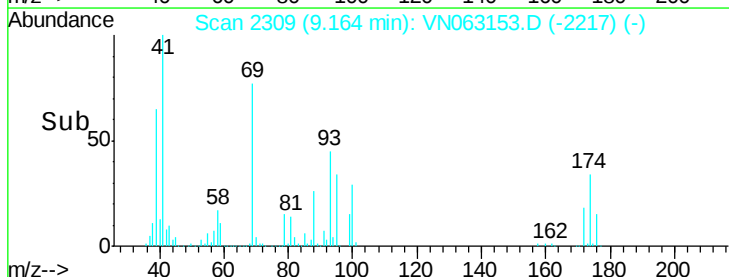
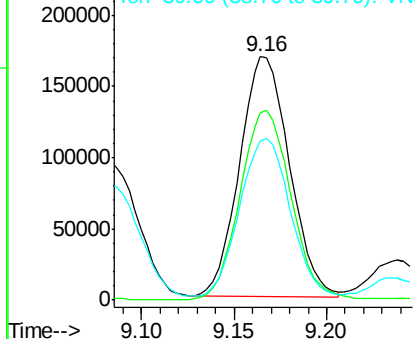
Lab File: VN063153.D

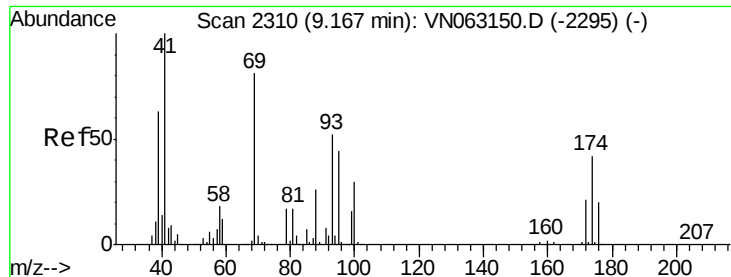
Acq: 31 Aug 2020 15:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 315972 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 82.1  | 65.9  | 98.9   |
| 39       | 69.8  | 52.0  | 78.0   |



Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0





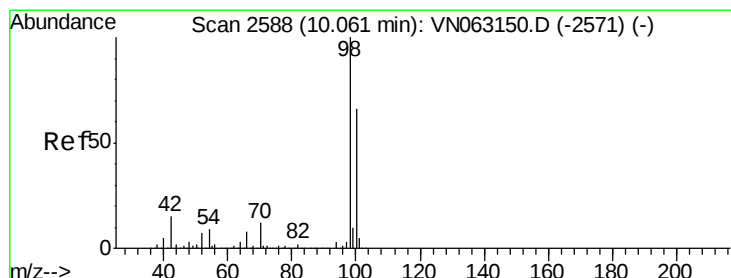
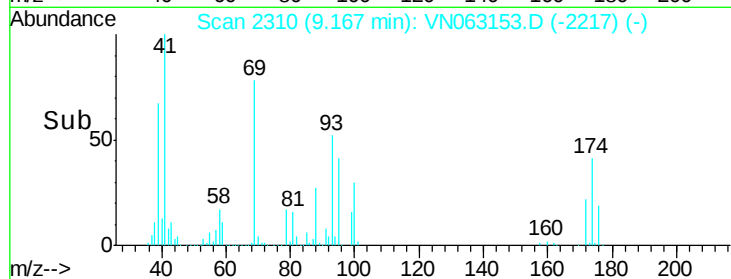
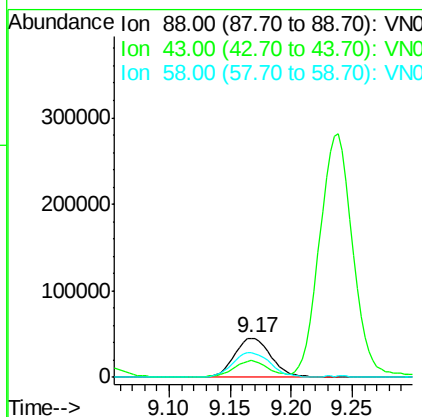
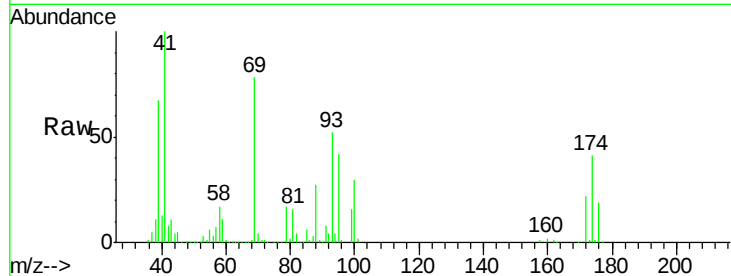
#49  
1,4-Dioxane  
Concen: 1018.676 ug/l  
RT: 9.17 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Instrument :  
MSVOA\_N  
ClientSampled :  
ICVVN083120

| Tot Ion   | 88    | Resp  | 94390 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 37.1  | 28.6  | 42.8  |
| 58        | 65.8  | 53.2  | 79.8  |

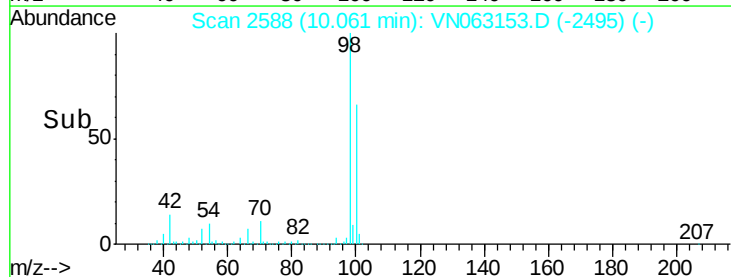
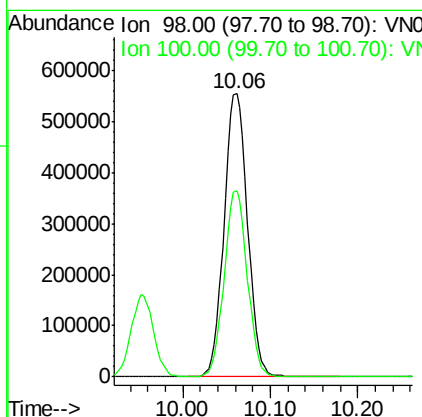
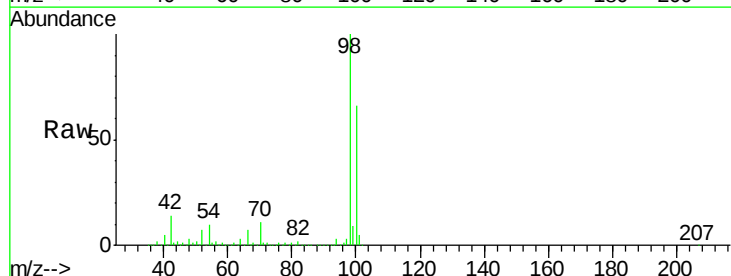
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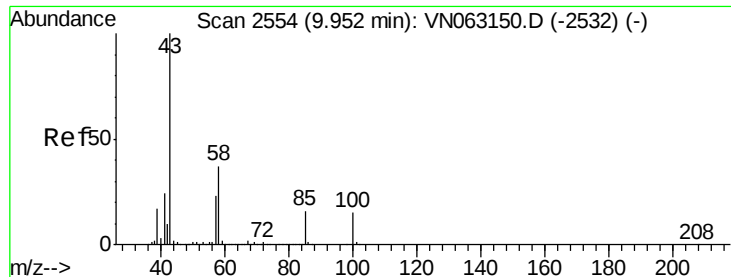
MMDadoda  
9/1/2020 9:07:35 AM



#50  
Toluene-d8  
Concen: 49.386 ug/l  
RT: 10.06 min Scan# 2588  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

| Tgt Ion   | 98    | Resp  | 1033670 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 98        | 100   |       |         |
| 100       | 64.1  | 52.0  | 78.0    |





#51

4-Methyl-2-Pentanone

Concen: 270.073 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

ClientSampled :

ICVVN083120

Tot Ion: 43 Resp: 1950307

Ion Ratio Lower Upper

43 100

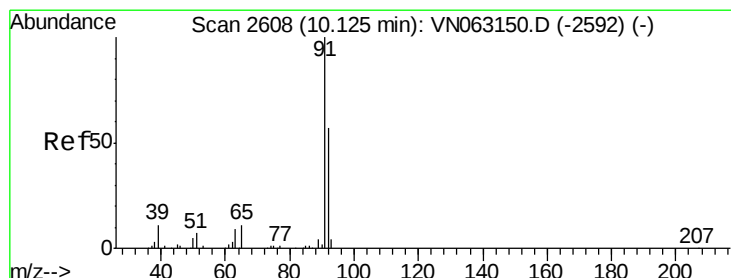
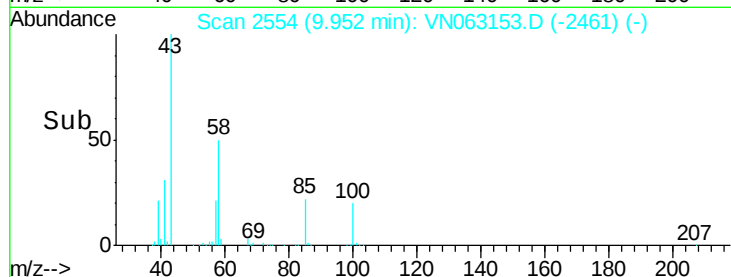
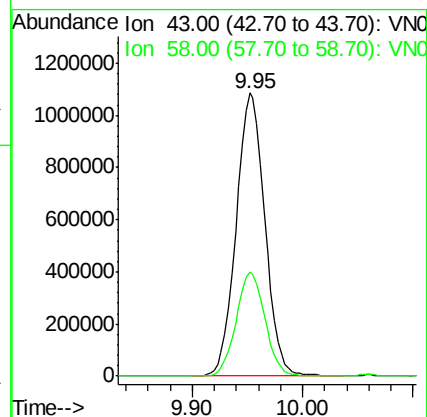
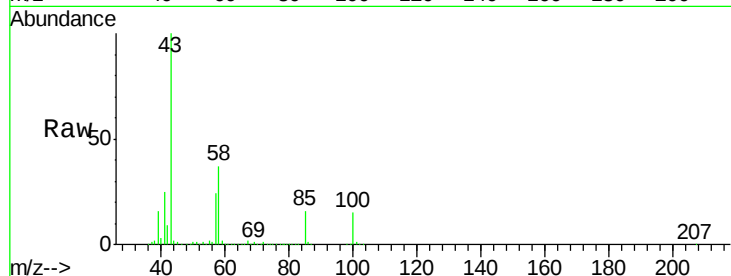
58 37.0 29.2 43.8

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#52

Toluene

Concen: 51.187 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063153.D

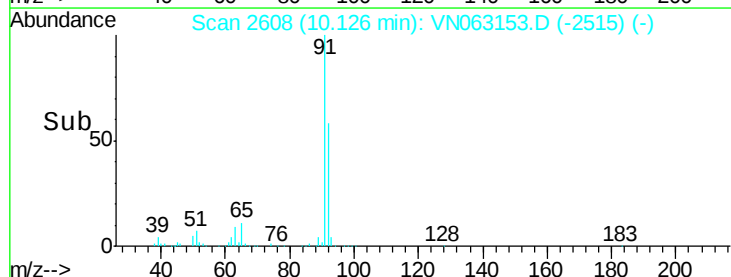
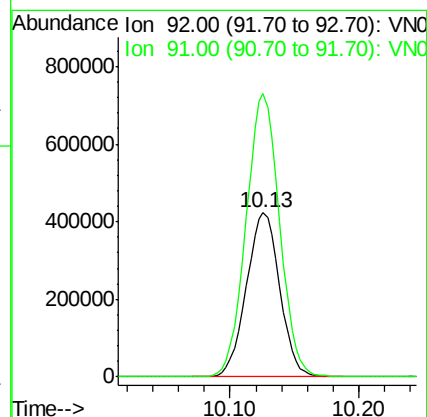
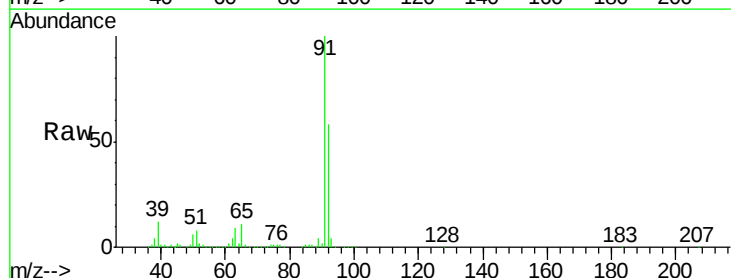
Acq: 31 Aug 2020 15:46

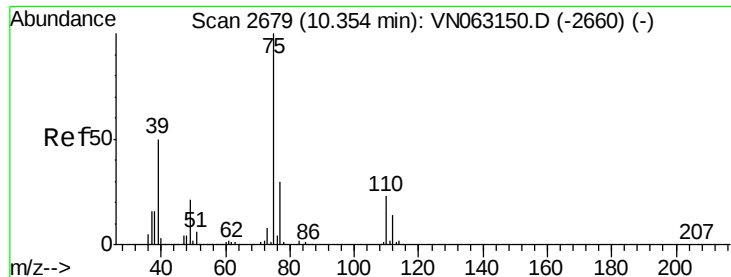
Tgt Ion: 92 Resp: 763533

Ion Ratio Lower Upper

92 100

91 173.4 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 52.202 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

ClientSampled :

ICVVN083120

Tot Ion: 75 Resp: 514242

Ion Ratio Lower Upper

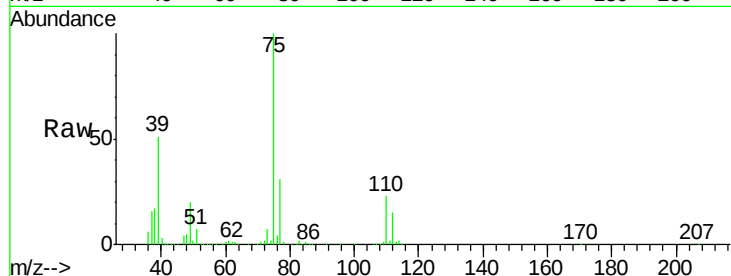
75 100

77 31.0 24.2 36.2

Manual Integrations  
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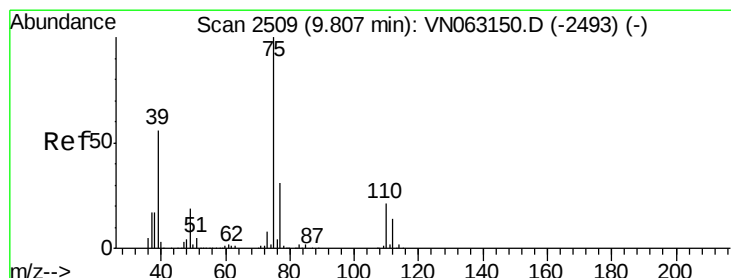
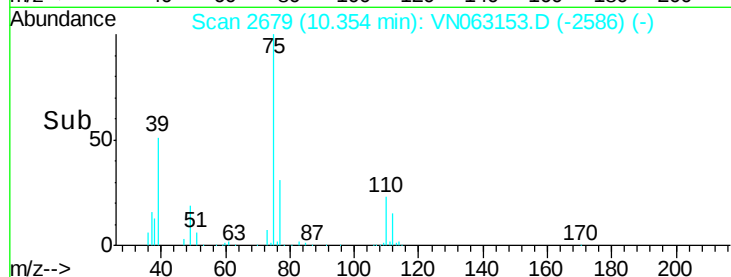
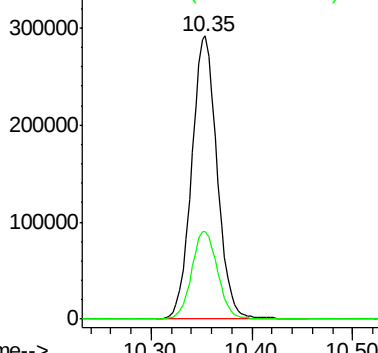
MMDadoda

9/1/2020 9:07:35 AM



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 52.289 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

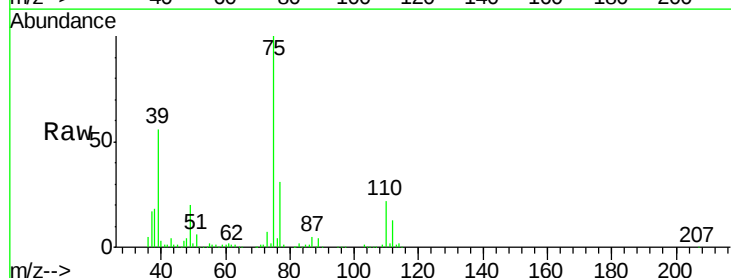
Tgt Ion: 75 Resp: 540690

Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

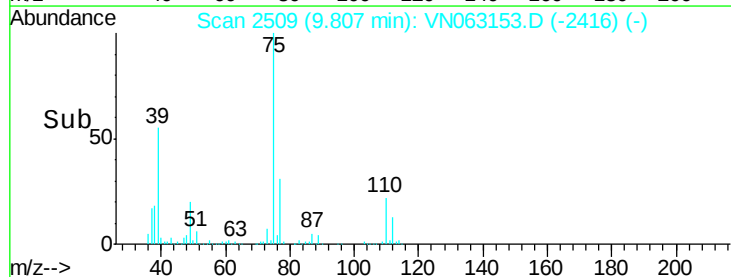
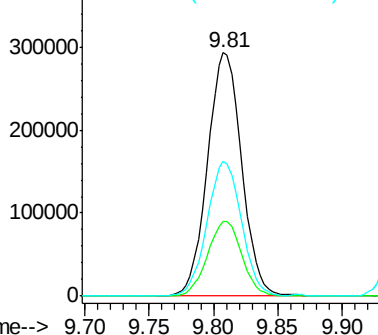
39 55.5 45.0 67.6

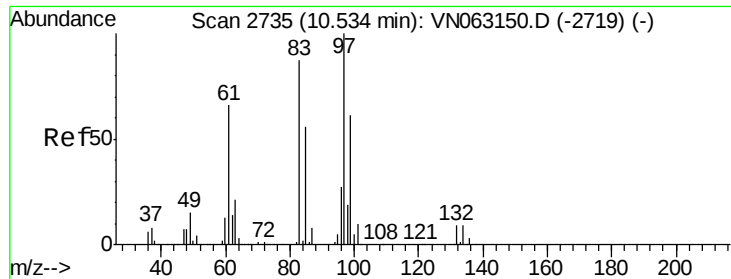


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





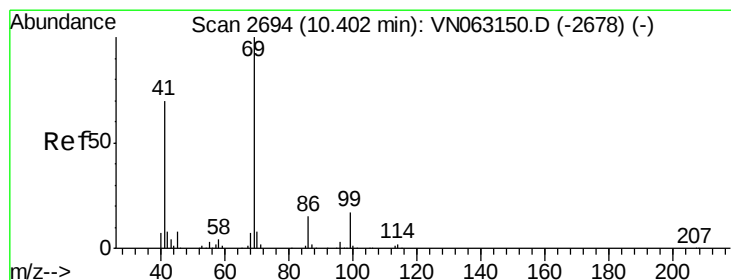
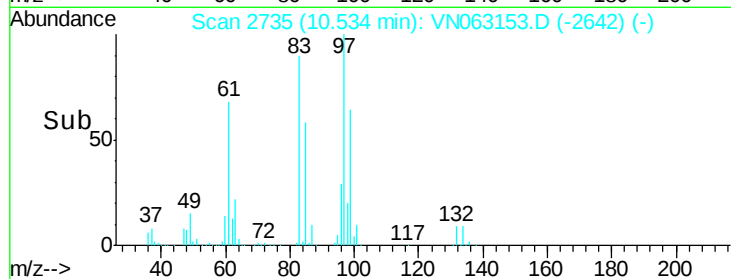
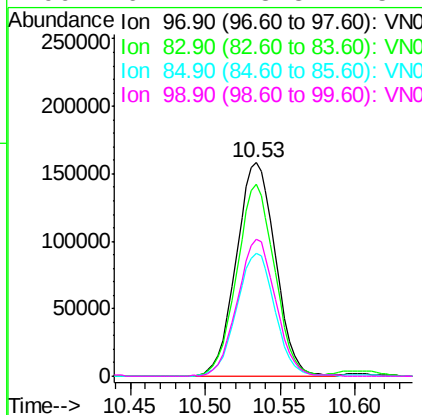
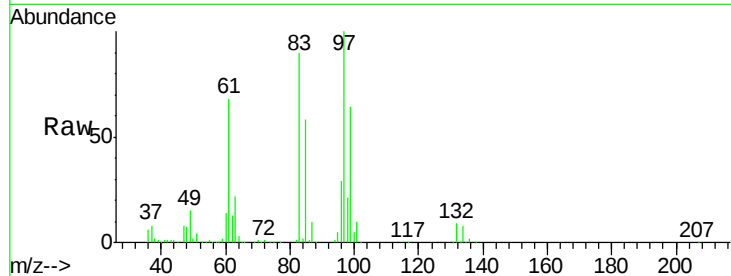
#55  
 1,1,2-Trichloroethane  
 Concen: 50.479 ug/l  
 RT: 10.53 min Scan# 2735  
 Delta R.T. 0.00 min  
 Lab File: VN063153.D  
 Acq: 31 Aug 2020 15:46

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 ICVVN083120

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 288369 |       |       |
| 83      | 89.7 | 69.8  | 104.8  |       |       |
| 85      | 57.6 | 44.9  | 67.3   |       |       |
| 99      | 64.2 | 48.8  | 73.2   |       |       |

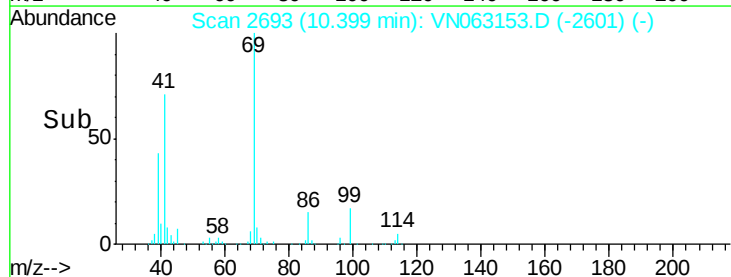
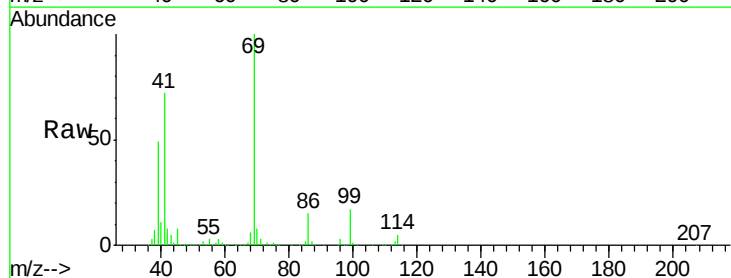
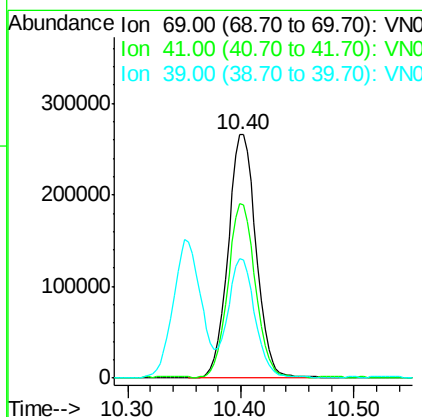
Manual Integrations  
 APPROVED

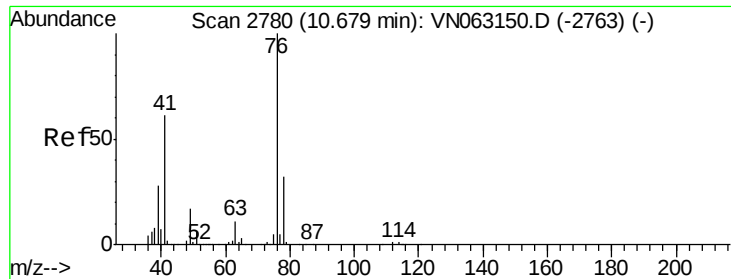
MMDadoda  
 9/1/2020 9:07:35 AM



#56  
 Ethyl methacrylate  
 Concen: 52.785 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. -0.00 min  
 Lab File: VN063153.D  
 Acq: 31 Aug 2020 15:46

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 458903 |       |       |
| 41      | 69.1 | 55.5  | 83.3   |       |       |
| 39      | 47.4 | 38.2  | 57.2   |       |       |





#57

1,3-Dichloropropane

Concen: 50.752 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN083120

Tot Ion: 76 Resp: 516496

Ion Ratio Lower Upper

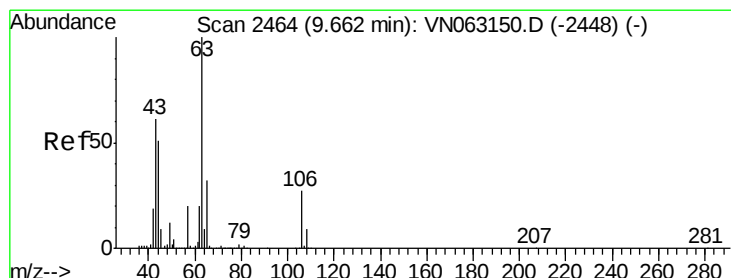
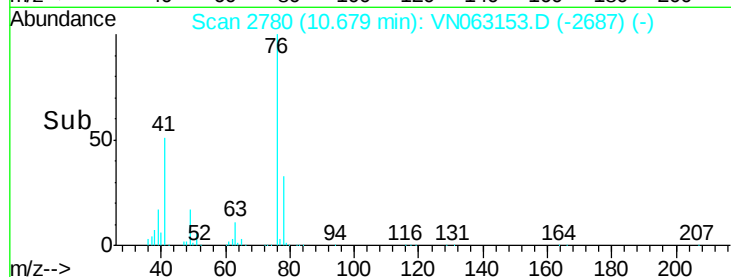
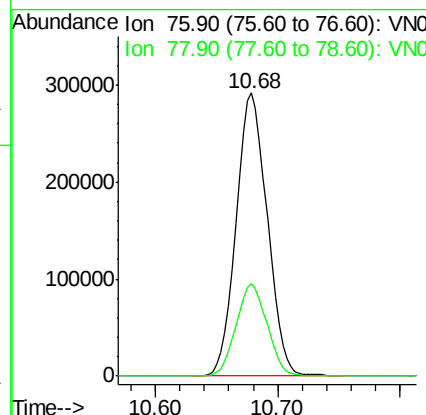
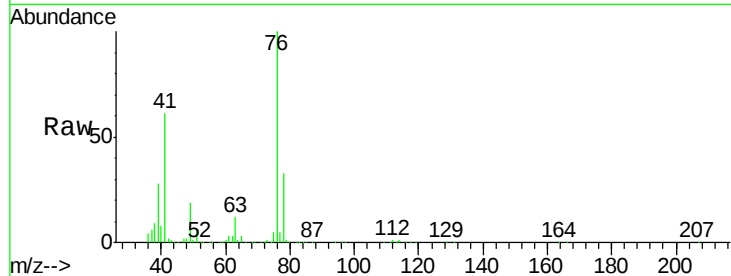
76 100

78 32.8 25.5 38.3

Manual Integrations  
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#58

2-Chloroethyl Vinyl ether

Concen: 262.740 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063153.D

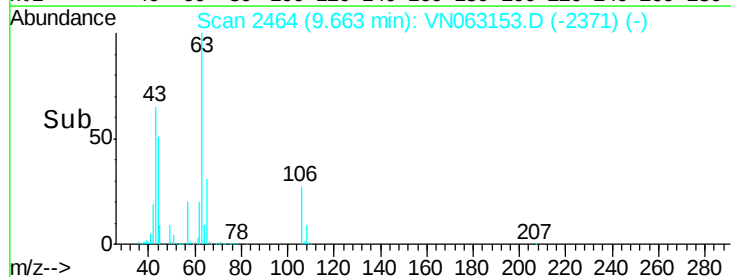
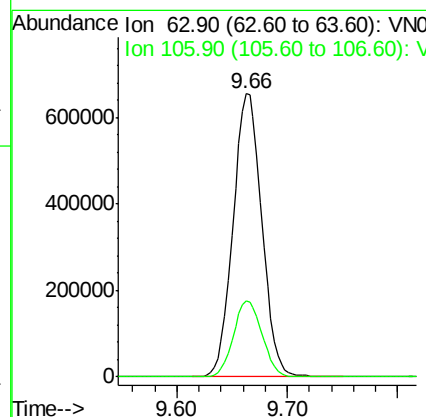
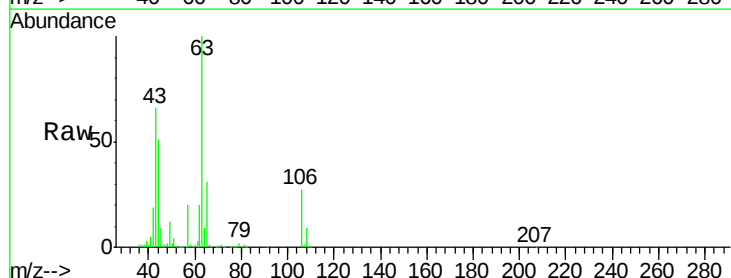
Acq: 31 Aug 2020 15:46

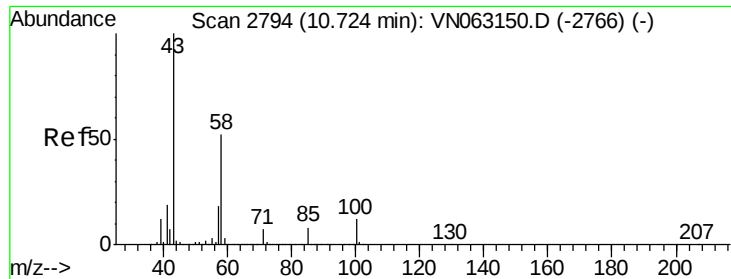
Tgt Ion: 63 Resp: 1182839

Ion Ratio Lower Upper

63 100

106 27.0 21.8 32.6





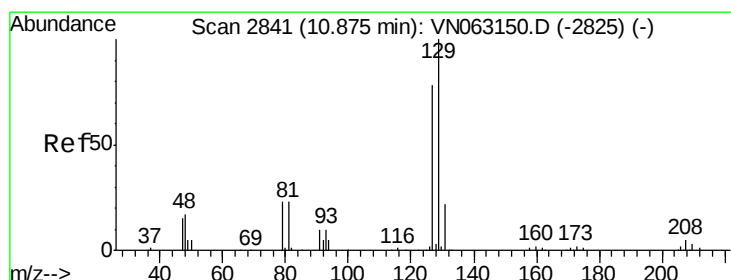
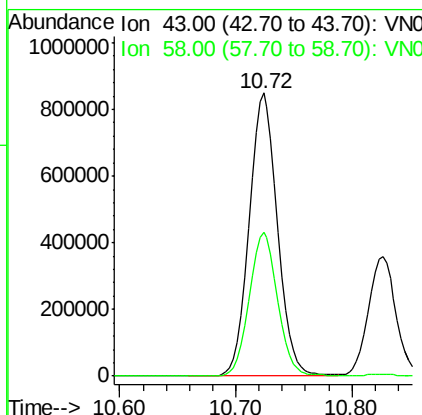
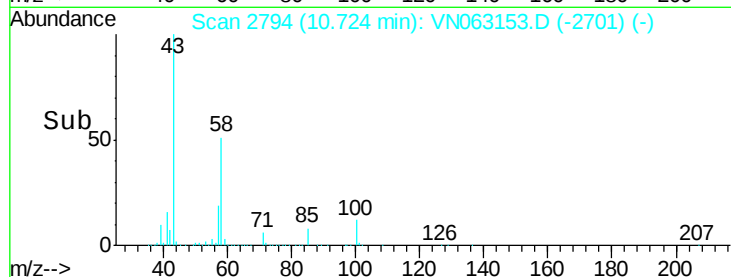
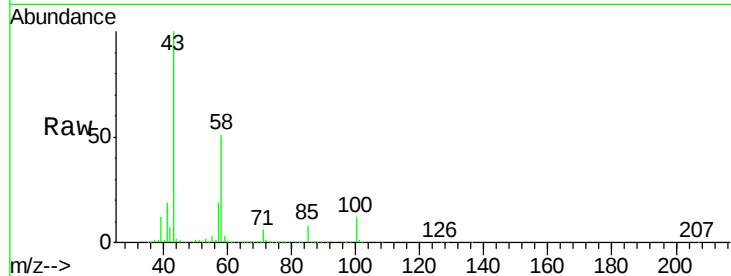
#59  
2-Hexanone  
Concen: 284.213 ug/l  
RT: 10.72 min Scan# 2794  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN083120

Tot Ion: 43 Resp: 1442408  
Ion Ratio Lower Upper  
43 100  
58 51.0 25.9 77.8

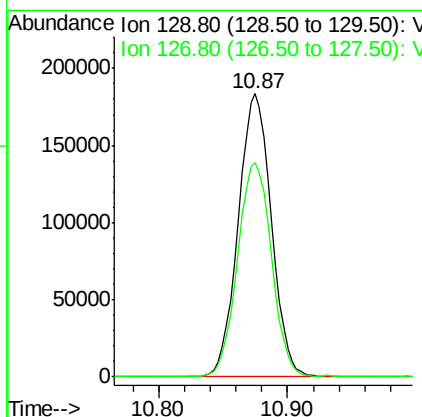
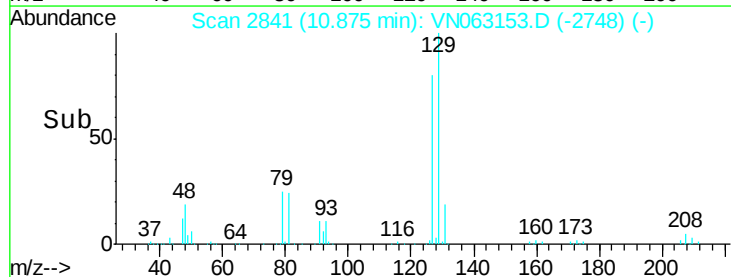
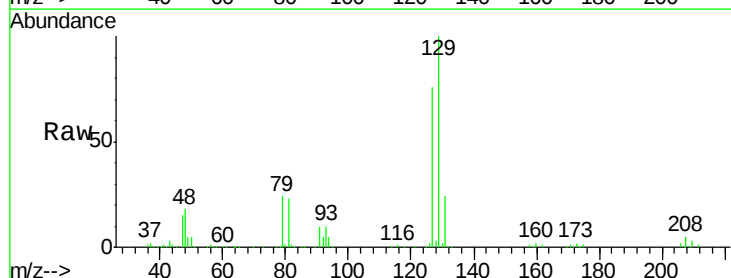
Manual Integrations  
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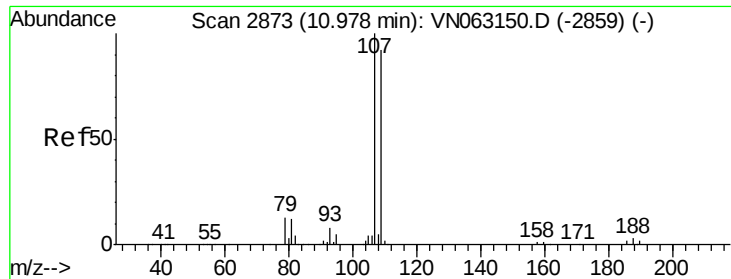
MMDadoda  
9/1/2020 9:07:35 AM



#60  
Dibromochloromethane  
Concen: 51.944 ug/l  
RT: 10.87 min Scan# 2841  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Tgt Ion: 129 Resp: 328064  
Ion Ratio Lower Upper  
129 100  
127 77.5 39.0 117.0





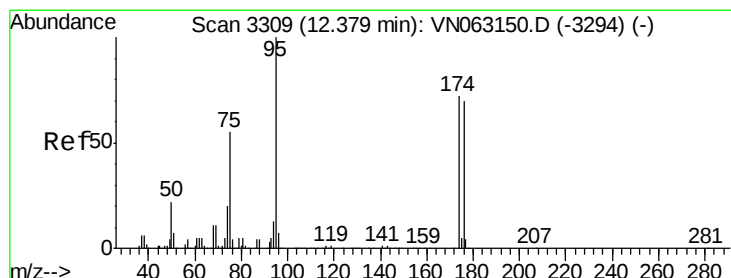
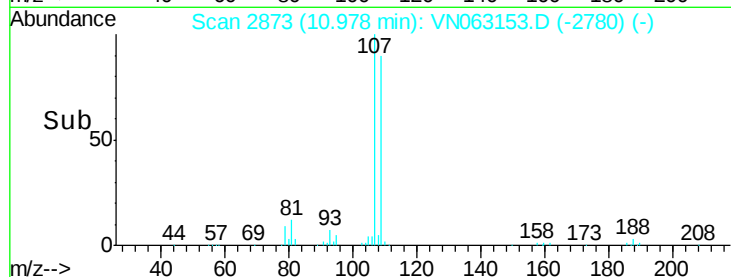
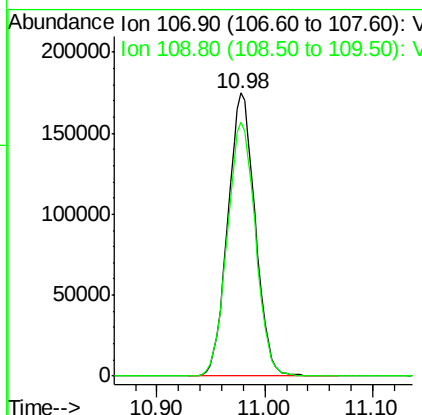
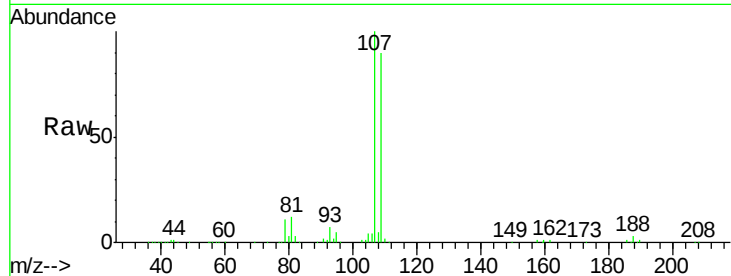
#61  
 1,2-Dibromoethane  
 Concen: 52.085 ug/l  
 RT: 10.98 min Scan# 2873  
 Delta R.T. 0.00 min  
 Lab File: VN063153.D  
 Acq: 31 Aug 2020 15:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN083120

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 309307 |       |       |
| 109     | 92.2  | 73.4   | 110.0 |       |

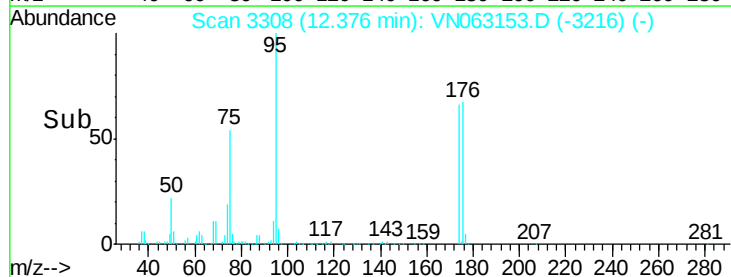
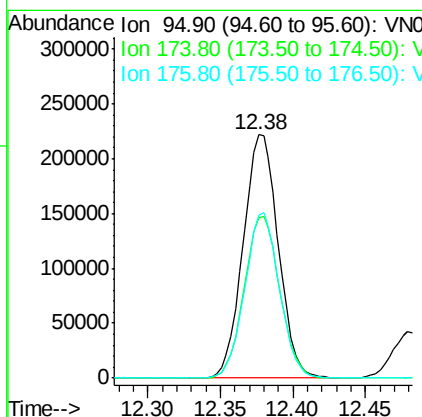
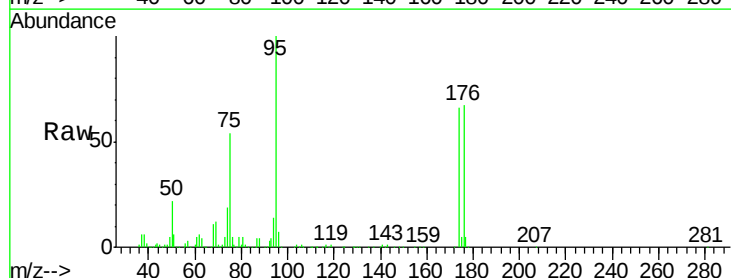
Manual Integrations  
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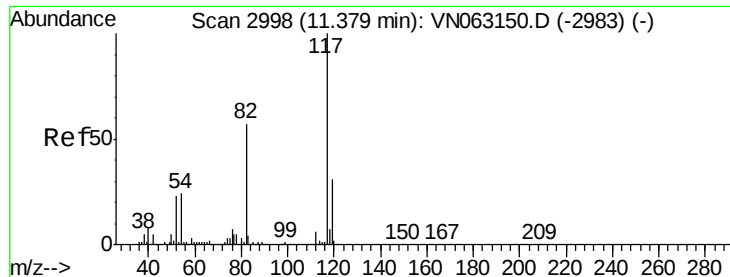
MMDadoda  
 9/1/2020 9:07:35 AM



#62  
 4-Bromofluorobenzene  
 Concen: 51.080 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. -0.00 min  
 Lab File: VN063153.D  
 Acq: 31 Aug 2020 15:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 373985 |       |       |
| 174     | 67.6  | 0.0    | 143.8 |       |
| 176     | 67.0  | 0.0    | 138.4 |       |





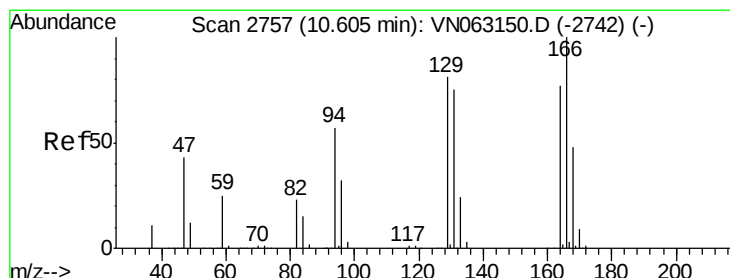
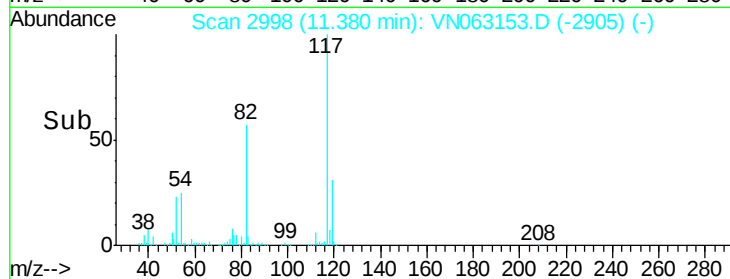
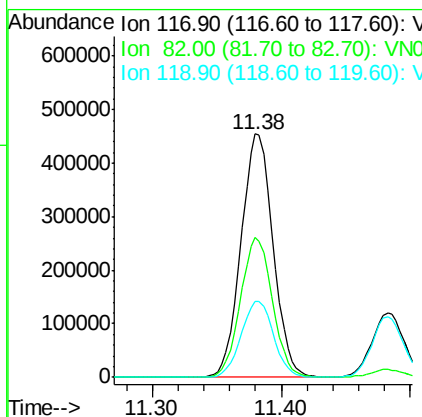
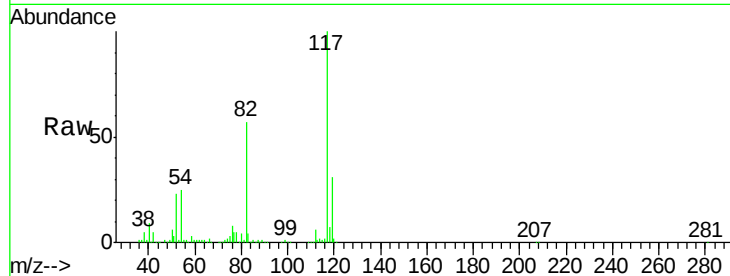
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN083120

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 788219 |       |       |
| 82      | 57.3  |        | 45.4  | 68.0  |
| 119     | 31.0  |        | 24.6  | 37.0  |

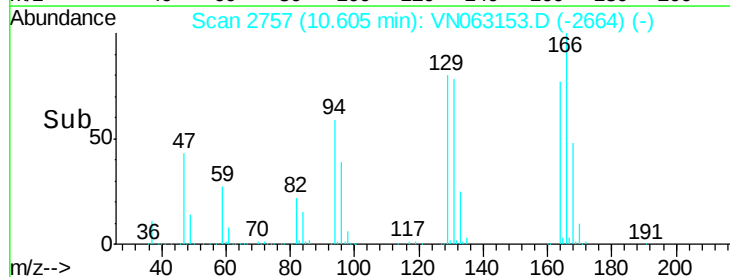
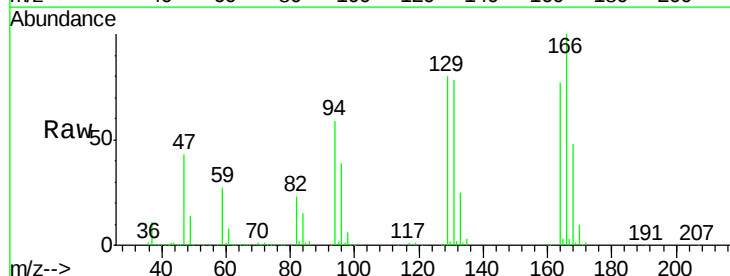
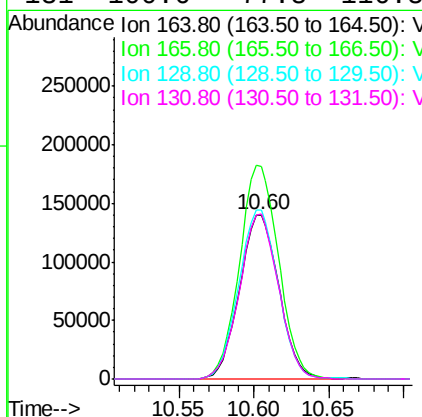
Manual Integrations  
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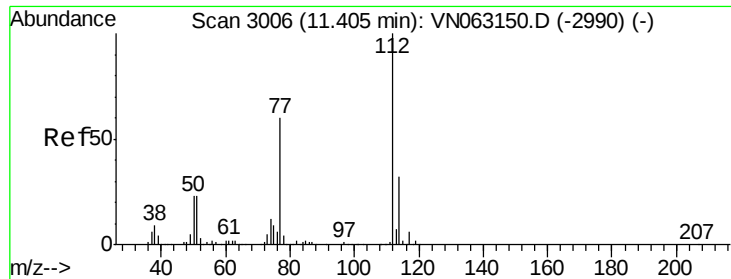
MMDadoda  
9/1/2020 9:07:35 AM



#64  
Tetrachloroethene  
Concen: 45.298 ug/l  
RT: 10.60 min Scan# 2757  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 256396 |       |       |
| 166     | 129.4 |        | 103.4 | 155.2 |
| 129     | 103.0 |        | 83.4  | 125.0 |
| 131     | 100.6 |        | 77.8  | 116.8 |





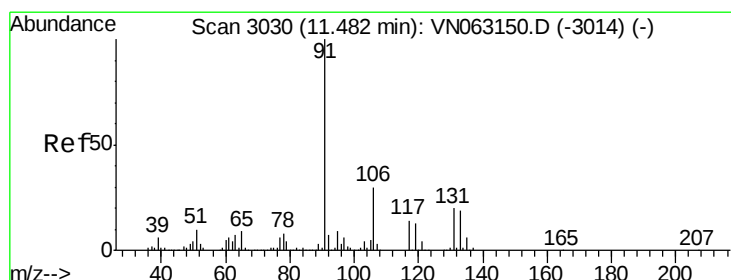
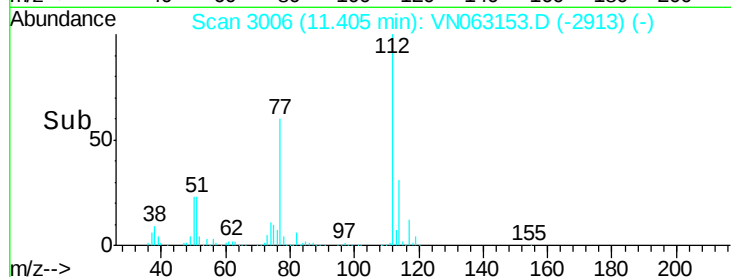
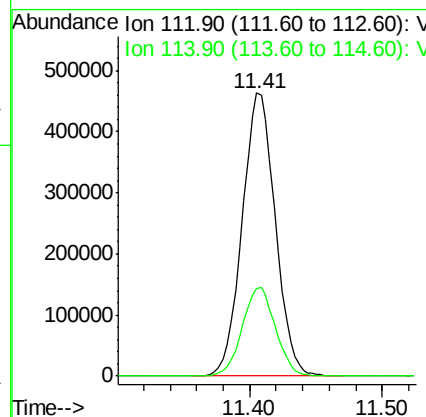
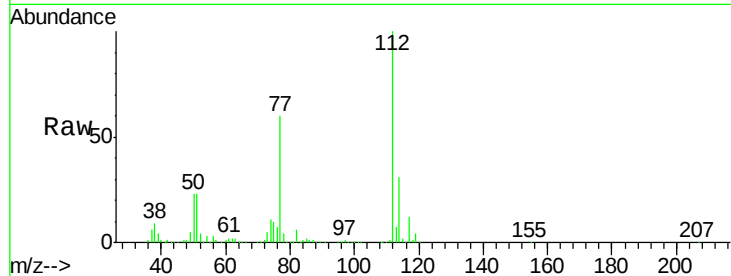
#65  
Chlorobenzene  
Concen: 50.549 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Instrument :  
MSVOA\_N  
ClientSampled :  
ICVVN083120

Tot Ion:112 Resp: 802503  
Ion Ratio Lower Upper  
112 100  
114 31.1 25.2 37.8

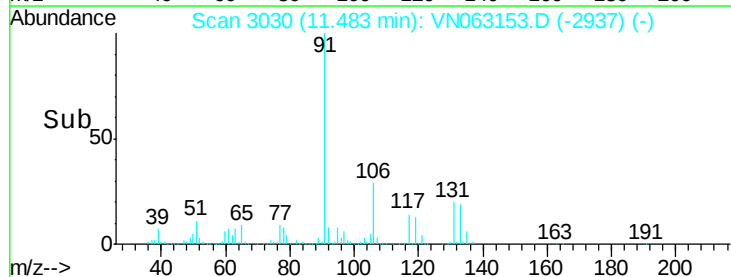
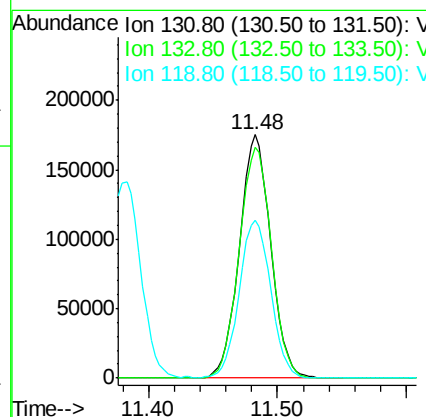
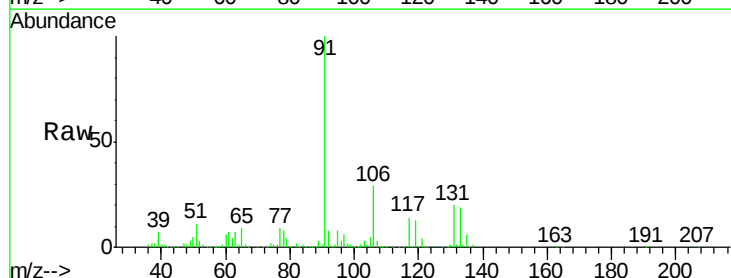
Manual Integrations  
APPROVED

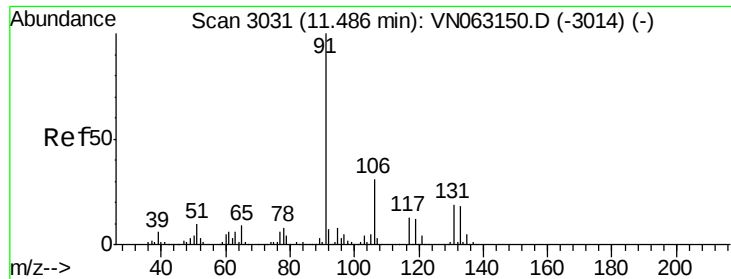
MMDadoda  
9/1/2020 9:07:35 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.155 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Tgt Ion:131 Resp: 295627  
Ion Ratio Lower Upper  
131 100  
133 97.4 47.3 142.0  
119 65.8 32.4 97.0





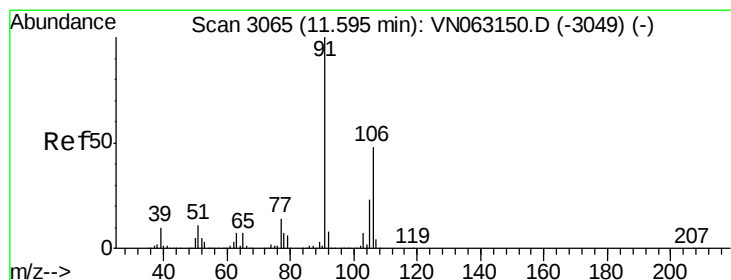
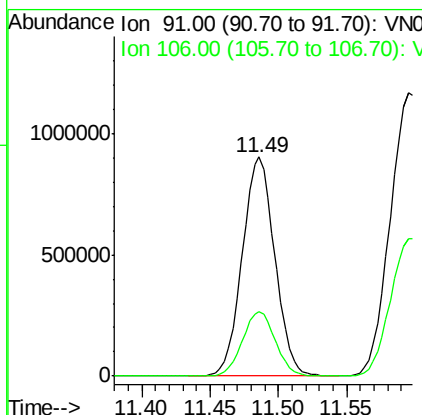
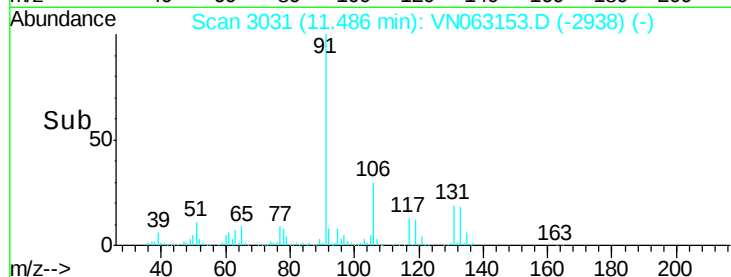
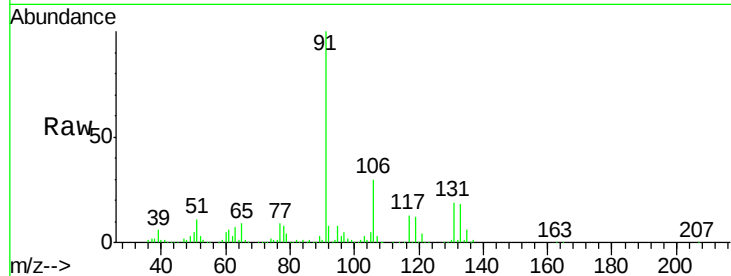
#67  
Ethyl Benzene  
Concen: 51.593 ug/l  
RT: 11.49 min Scan# 3031  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Instrument :  
MSVOA\_N  
ClientSampled :  
ICVVN083120

Tot Ion: 91 Resp: 1494213  
Ion Ratio Lower Upper  
91 100  
106 29.5 24.4 36.6

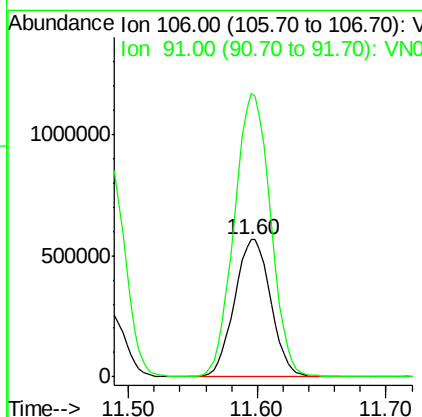
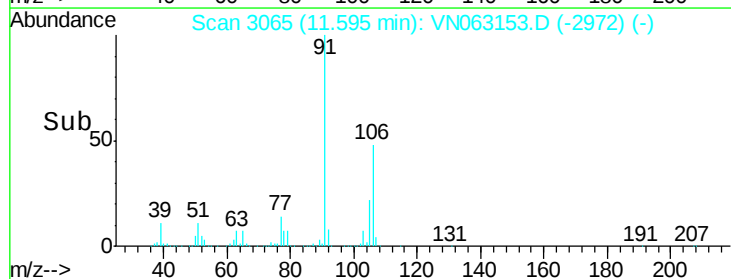
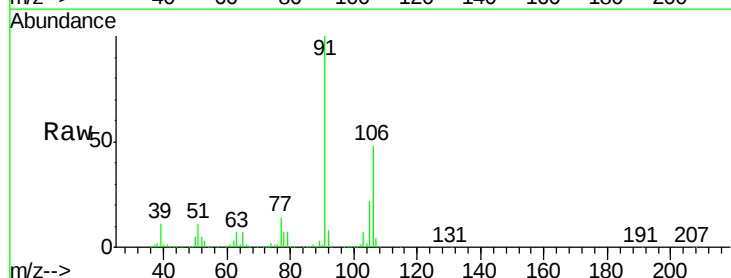
Manual Integrations  
APPROVED

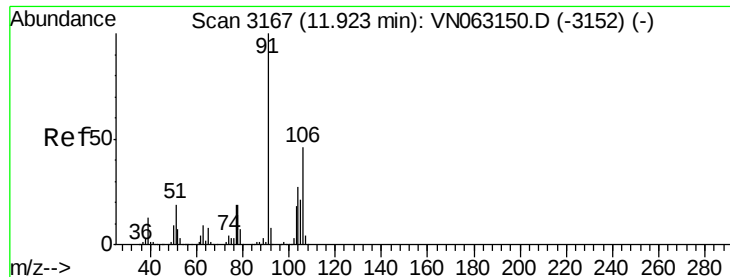
MMDadoda  
9/1/2020 9:07:35 AM



#68  
m/p-Xylenes  
Concen: 102.873 ug/l  
RT: 11.60 min Scan# 3065  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Tgt Ion: 106 Resp: 1103467  
Ion Ratio Lower Upper  
106 100  
91 207.4 166.7 250.1





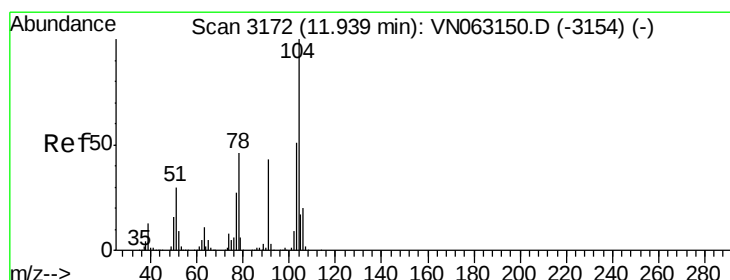
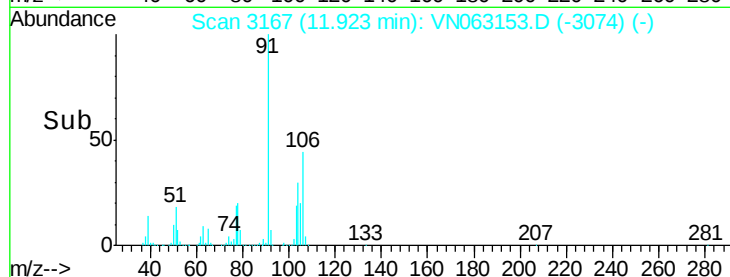
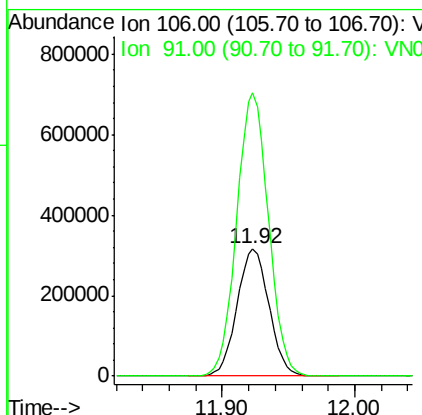
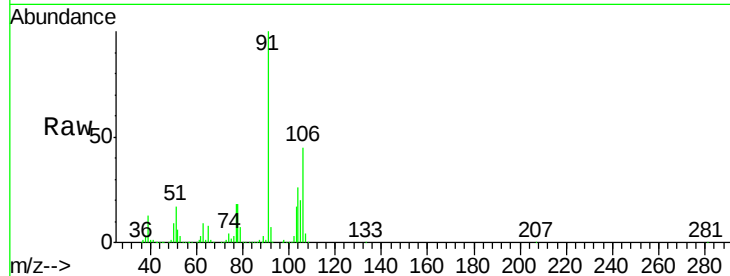
#69  
o-Xylene  
Concen: 51.102 ug/l  
RT: 11.92 min Scan# 3167  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN083120

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       |        |       |       |
| 91      | 221.2 | 108.6 | 529533 | 325.6 |       |

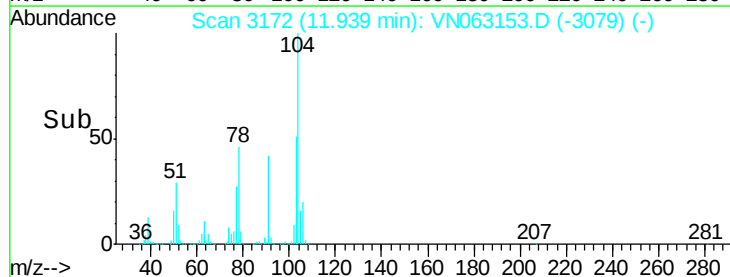
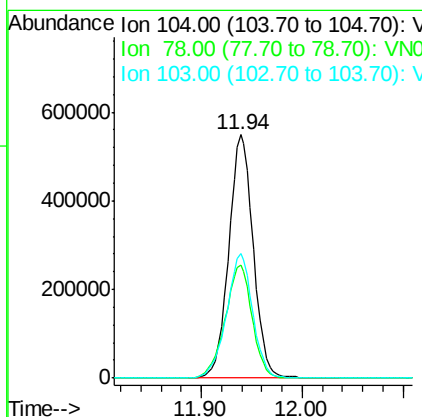
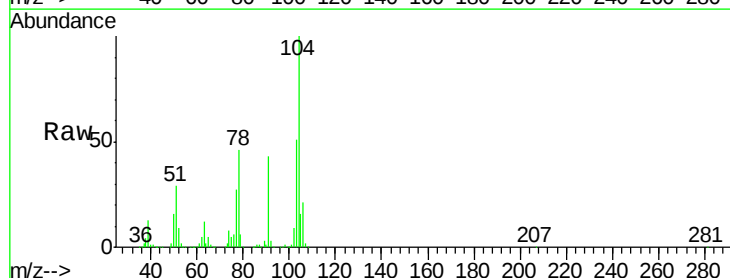
Manual Integrations  
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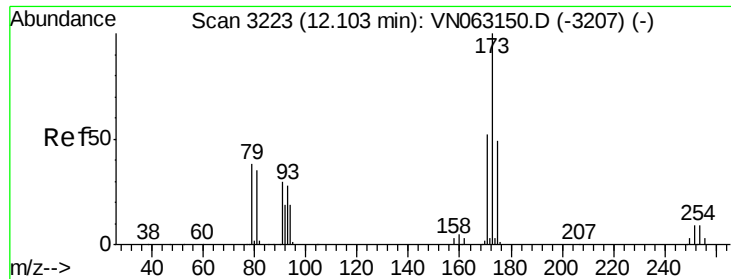
MMDadoda  
9/1/2020 9:07:35 AM



#70  
Styrene  
Concen: 52.016 ug/l  
RT: 11.94 min Scan# 3172  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       |        |       |       |
| 78      | 51.4 | 41.0  | 926338 | 61.6  |       |
| 103     | 54.7 | 43.8  |        | 65.8  |       |





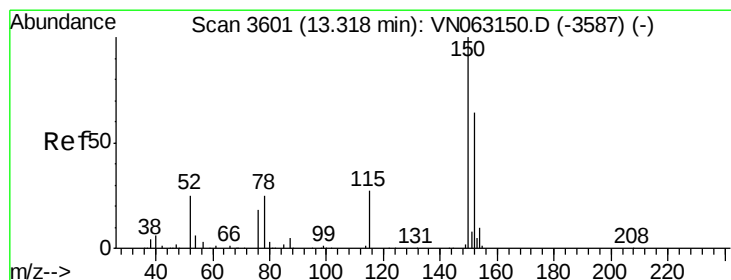
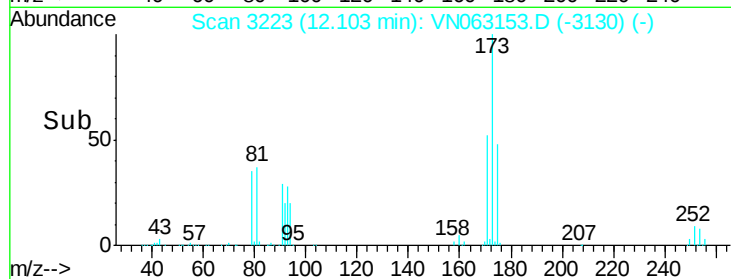
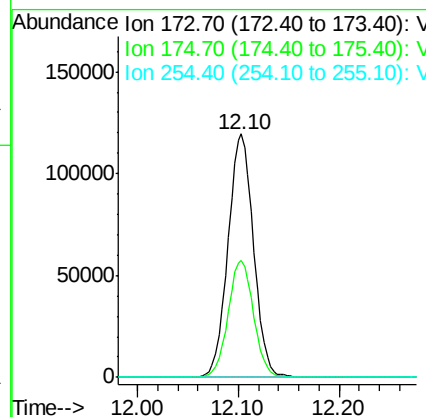
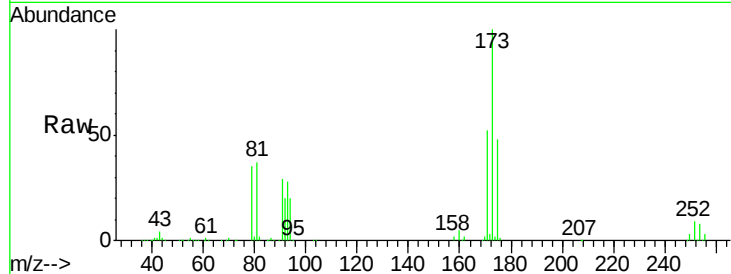
#71  
Bromoform  
Concen: 52.792 ug/l  
RT: 12.10 min Scan# 3223  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN083120

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.8  | 24.6  | 73.8  |
| 254     | 0.2   | 0.0   | 0.0   |

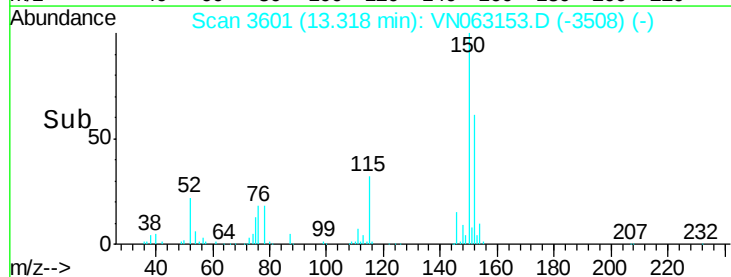
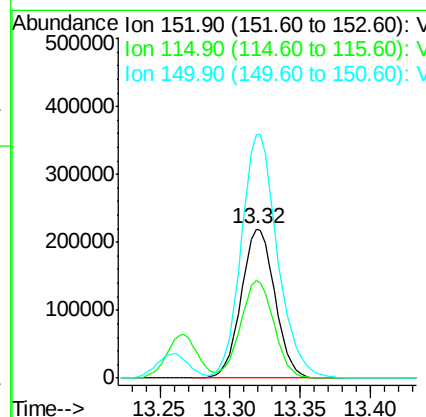
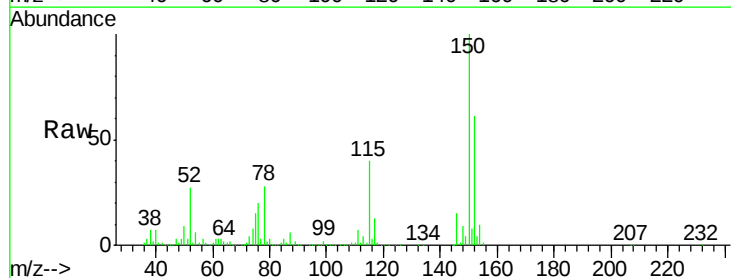
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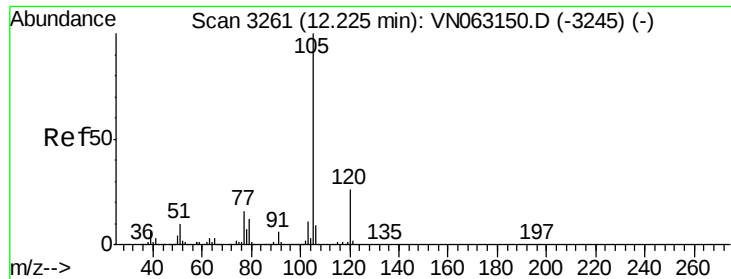
MMDadoda  
9/1/2020 9:07:35 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3601  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 64.8  | 32.0  | 96.2  |
| 150     | 176.2 | 0.0   | 353.0 |





#73

Isopropylbenzene

Concen: 51.277 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN083120

Tot Ion:105 Resp: 1442472

Ion Ratio Lower Upper

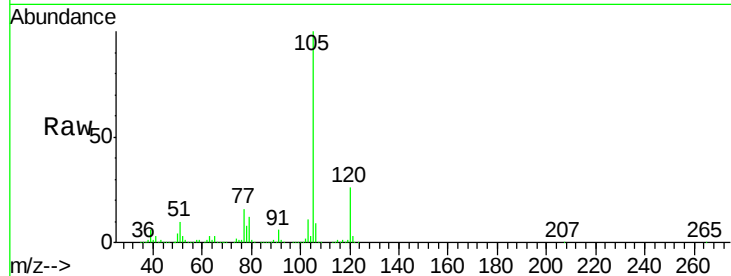
105 100

120 25.6 12.9 38.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

800000

600000

400000

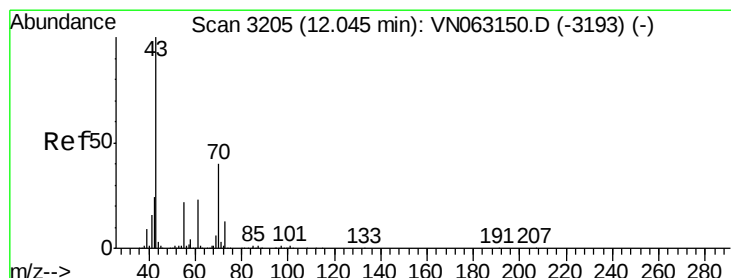
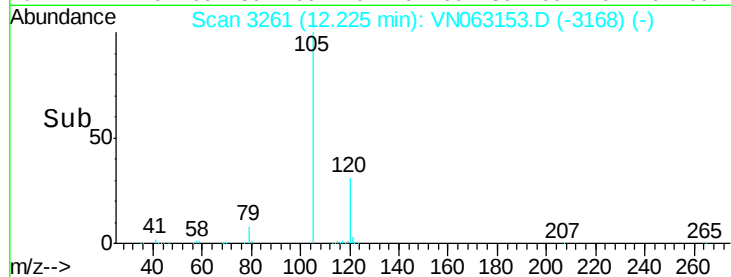
200000

0

12.20

12.30

Time-->



#74

N-ethyl acetate

Concen: 52.626 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Tgt Ion: 43 Resp: 613211

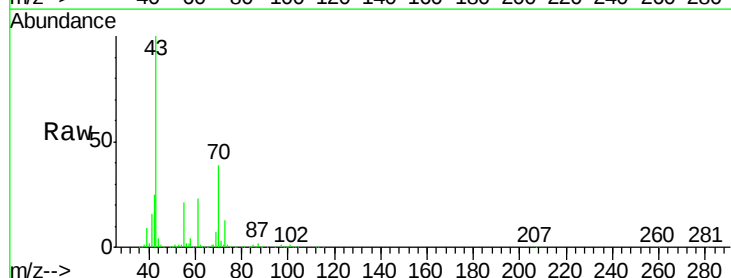
Ion Ratio Lower Upper

43 100

70 39.5 32.1 48.1

55 21.7 17.4 26.0

61 22.6 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

600000

500000

400000

300000

200000

100000

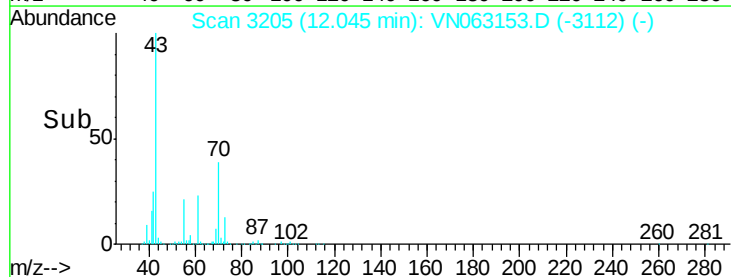
0

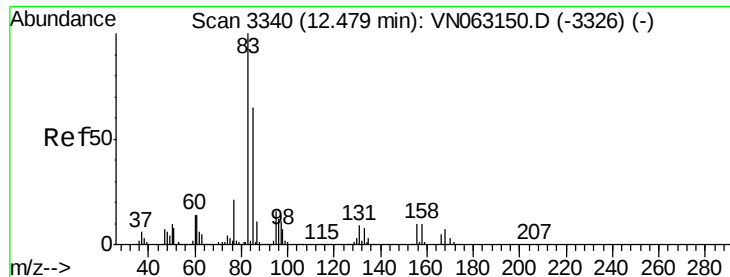
12.00

12.05

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.416 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

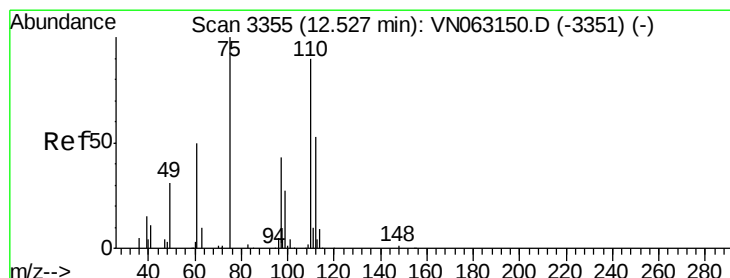
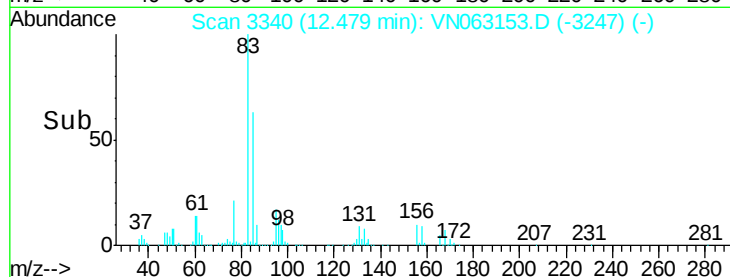
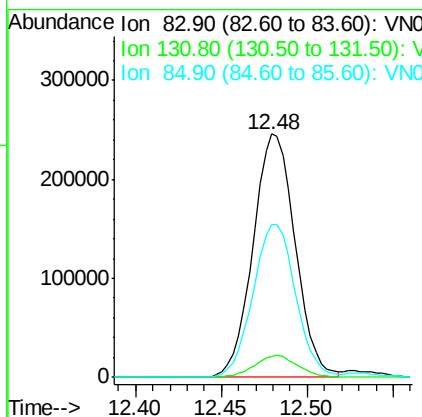
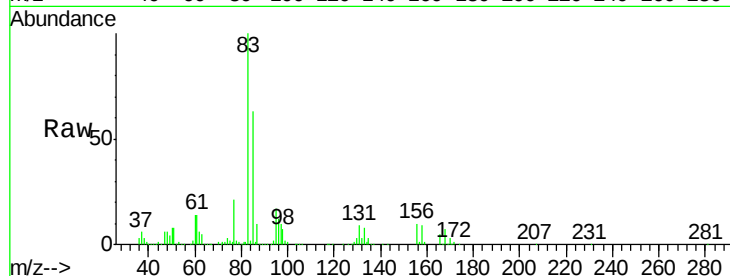
ClientSampleId :

ICVVN083120

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 416991 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.4   | 4.7   | 14.0   |
| 85        | 63.7  | 32.7  | 98.1   |

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#76

1,2,3-Trichloropropane

Concen: 50.070 ug/l m

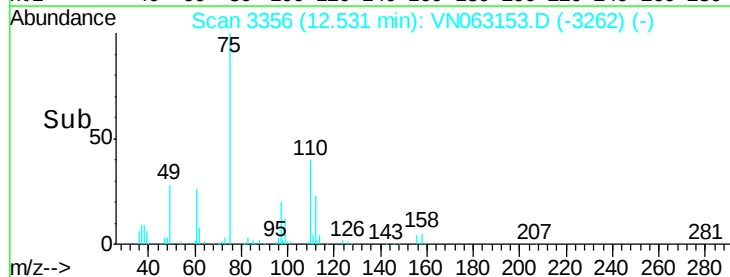
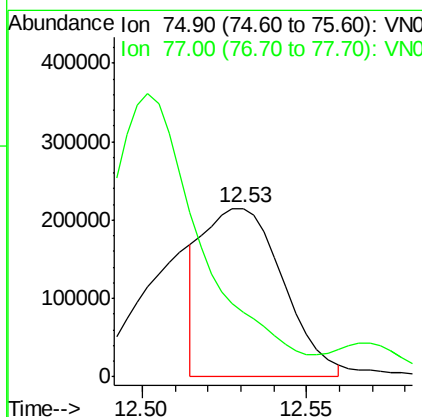
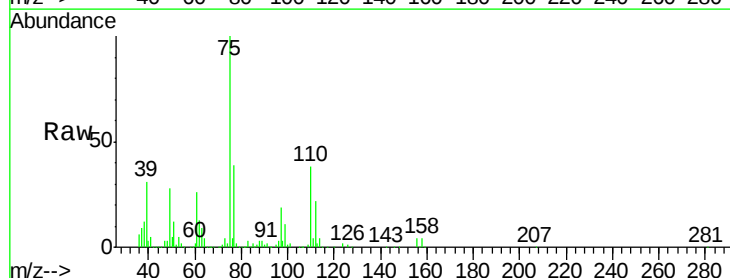
RT: 12.53 min Scan# 3356

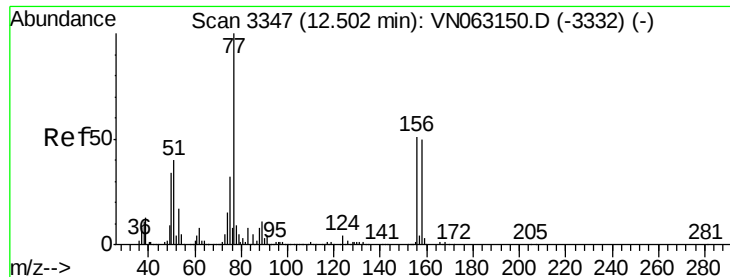
Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 360815 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |





#77

Bromobenzene

Concen: 50.004 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

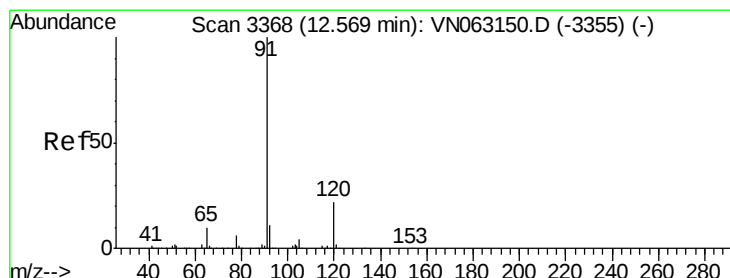
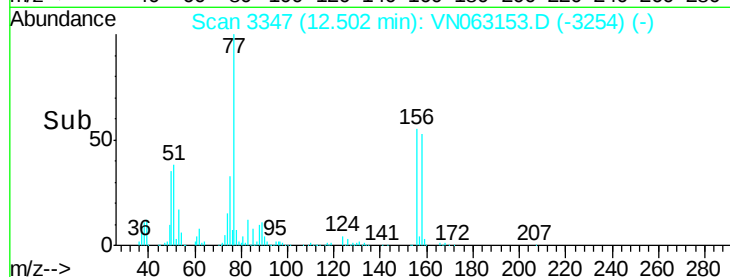
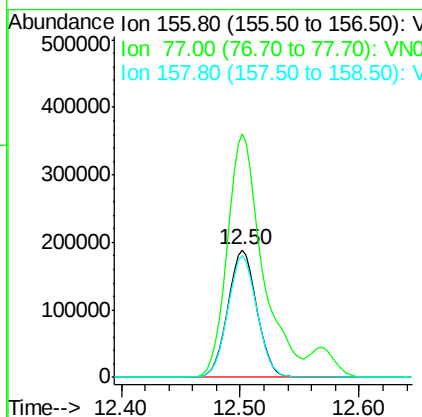
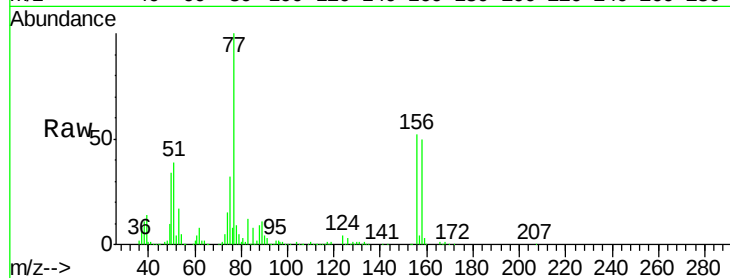
ClientSampleId :

ICVVN083120

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 231.0 | 116.1 | 348.3 |
| 158     | 96.7  | 48.8  | 146.4 |

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#78

n-propylbenzene

Concen: 52.143 ug/l

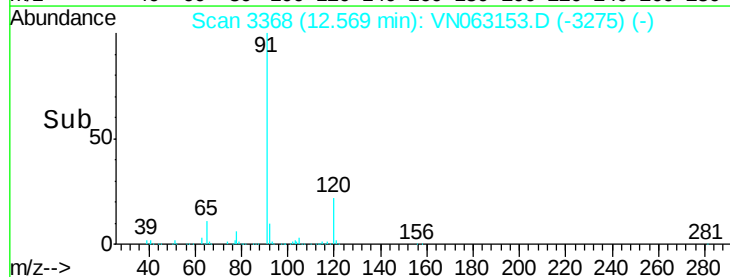
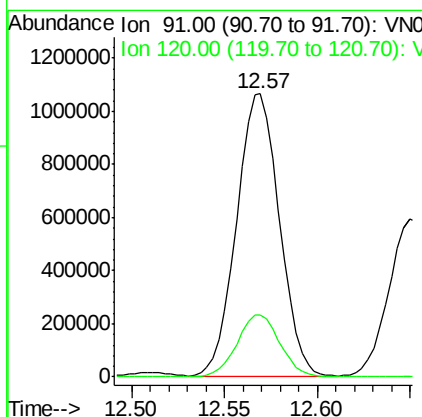
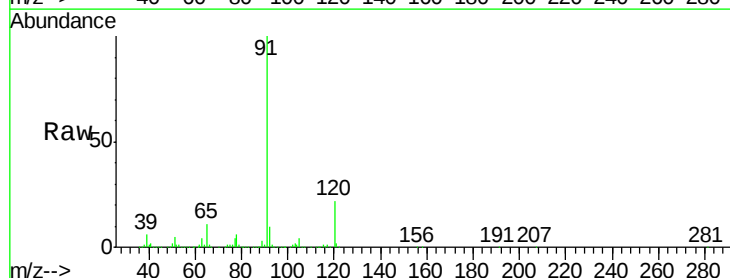
RT: 12.57 min Scan# 3368

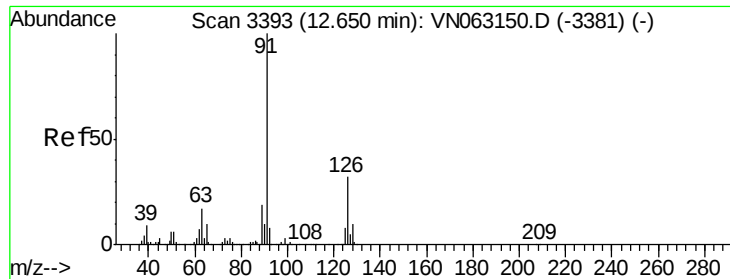
Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.0  | 10.9  | 32.7  |





#79

2-Chlorotoluene

Concen: 50.660 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN083120

Tot Ion: 91 Resp: 987706

Ion Ratio Lower Upper

91 100

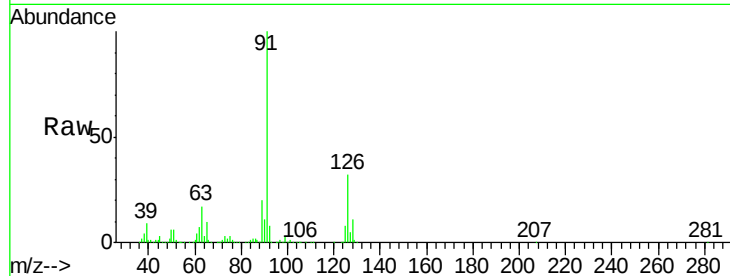
126 32.7 16.1 48.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN063153.D (-3393) (-)

Ion 125.90 (125.60 to 126.60): VN063153.D (-3393) (-)

800000

600000

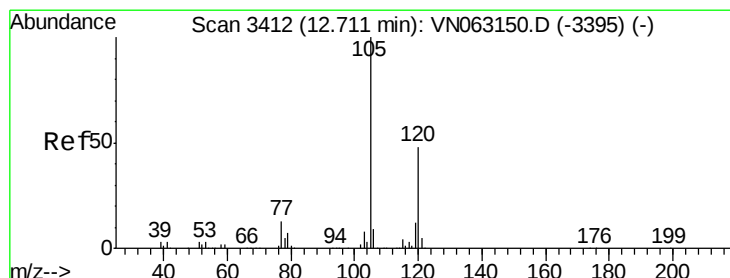
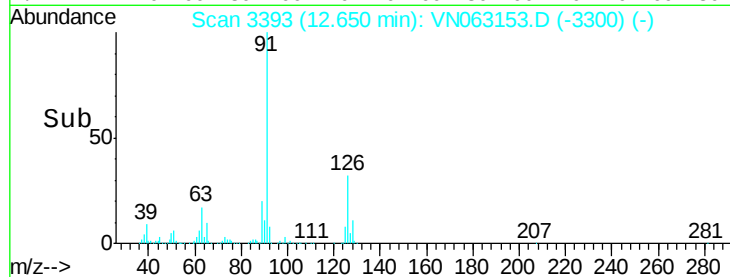
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.917 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063153.D

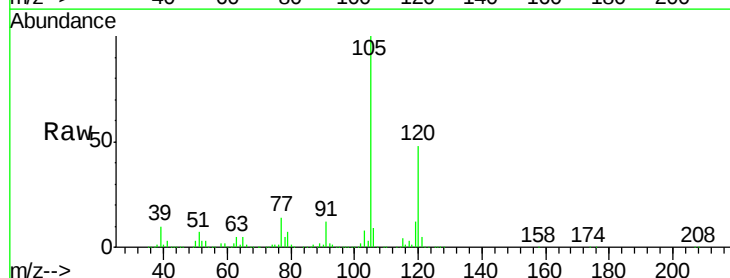
Acq: 31 Aug 2020 15:46

Tgt Ion: 105 Resp: 1215635

Ion Ratio Lower Upper

105 100

120 47.7 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063153.D (-3412) (-)

Ion 120.00 (119.70 to 120.70): VN063153.D (-3412) (-)

800000

600000

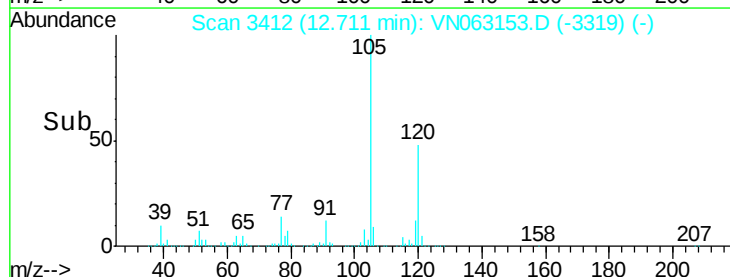
400000

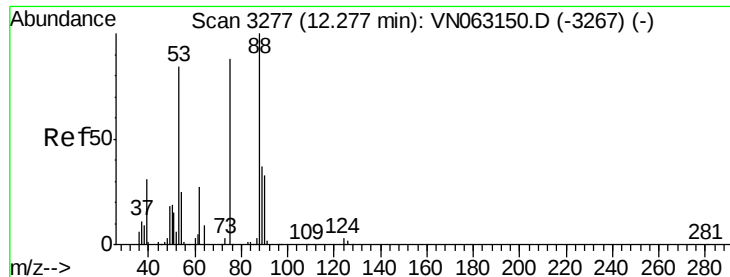
200000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 51.991 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN083120

Tot Ion: 75 Resp: 155012

Ion Ratio Lower Upper

75 100

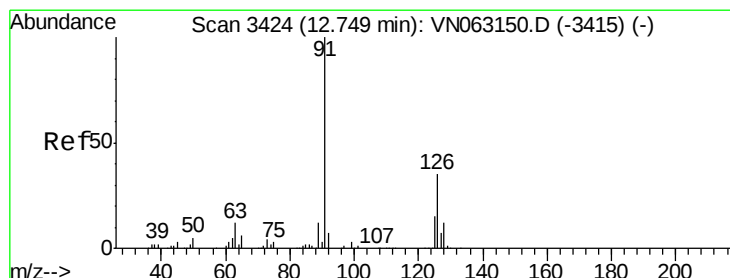
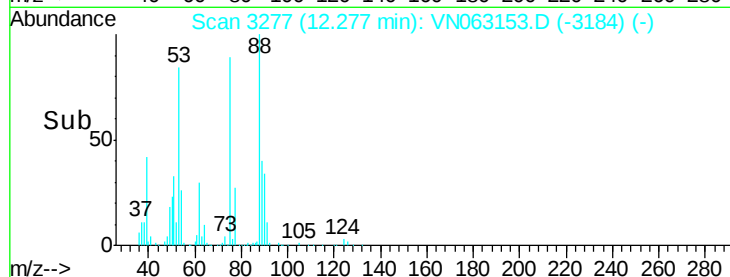
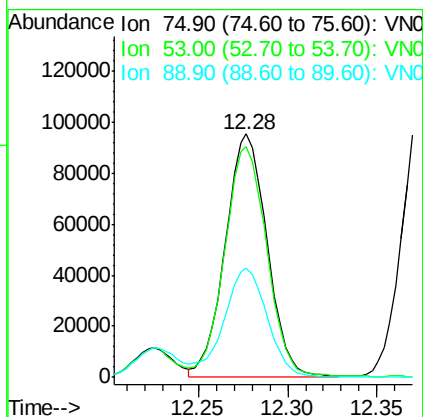
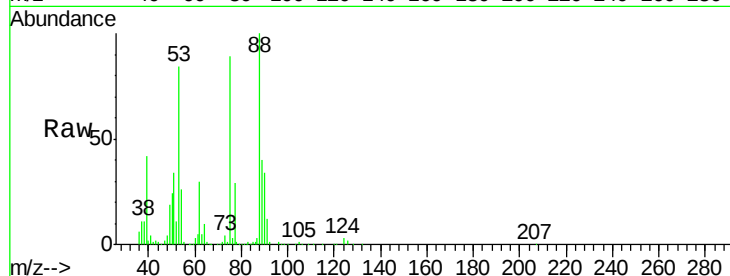
53 95.3 78.7 118.1

89 46.4 35.3 52.9

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#82

4-Chlorotoluene

Concen: 51.623 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063153.D

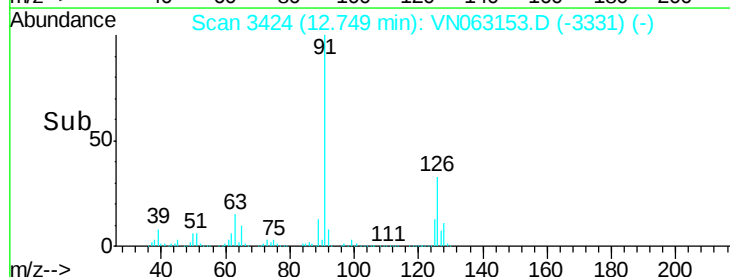
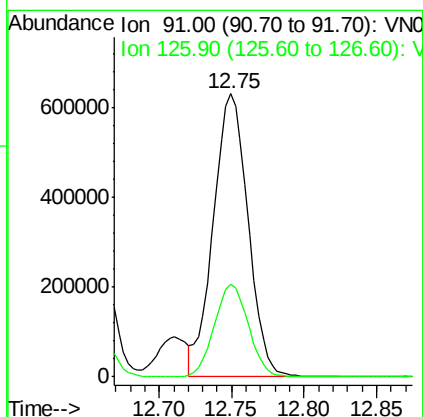
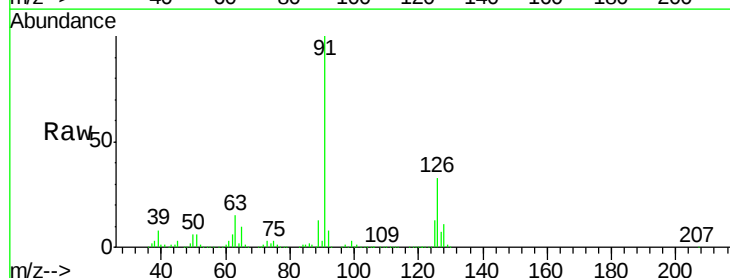
Acq: 31 Aug 2020 15:46

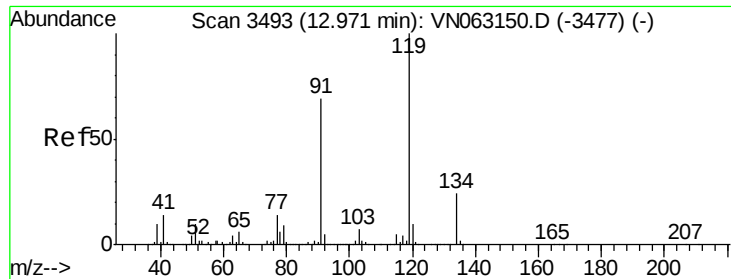
Tgt Ion: 91 Resp: 1043845

Ion Ratio Lower Upper

91 100

126 32.5 16.2 48.5





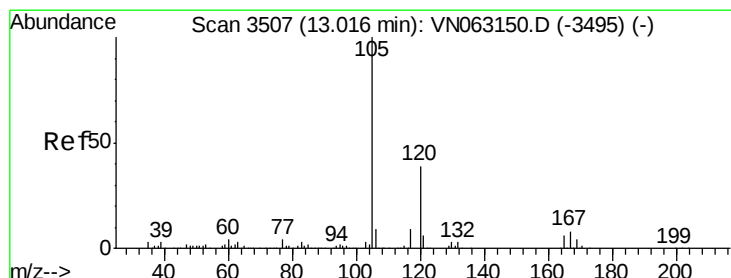
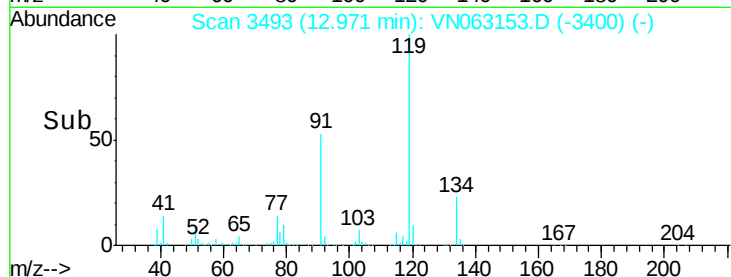
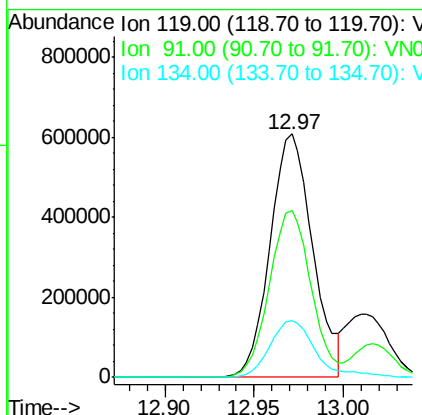
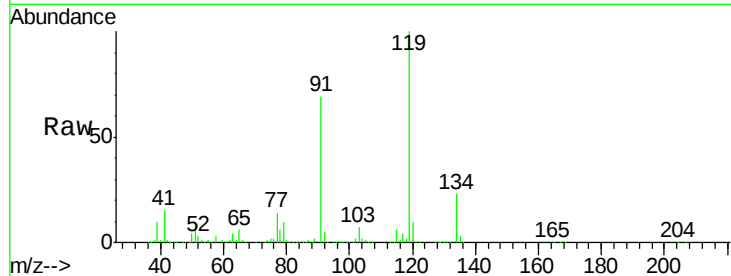
#83  
tert-Butylbenzene  
Concen: 50.334 ug/l  
RT: 12.97 min Scan# 3493  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN083120

Tot Ion:119 Resp: 1010781  
Ion Ratio Lower Upper  
119 100  
91 67.0 33.7 101.0  
134 25.2 12.0 36.0

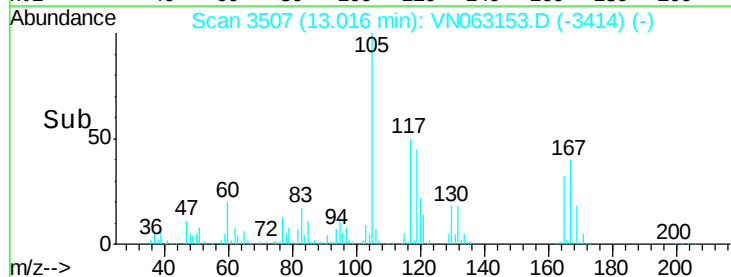
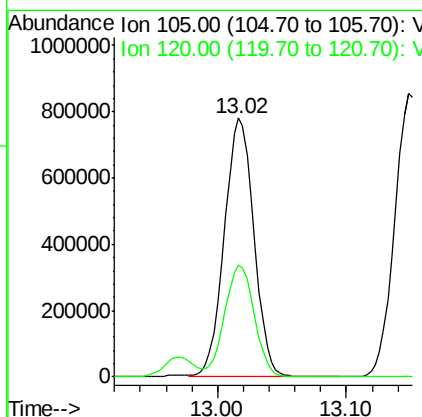
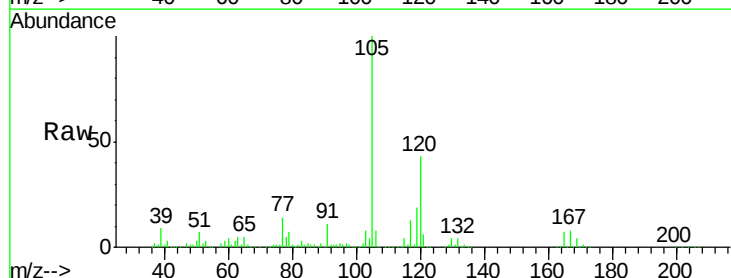
Manual Integrations  
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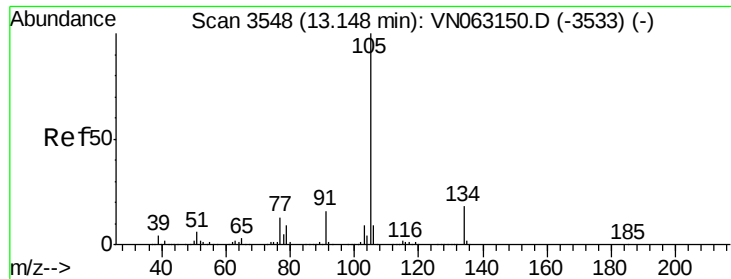
MMDadoda  
9/1/2020 9:07:35 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 52.379 ug/l  
RT: 13.02 min Scan# 3507  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Tgt Ion:105 Resp: 1236226  
Ion Ratio Lower Upper  
105 100  
120 43.8 22.6 67.7





#85

sec-Butylbenzene

Concen: 52.523 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

ClientSampled :

ICVVN083120

Tot Ion:105 Resp: 1374619

Ion Ratio Lower Upper

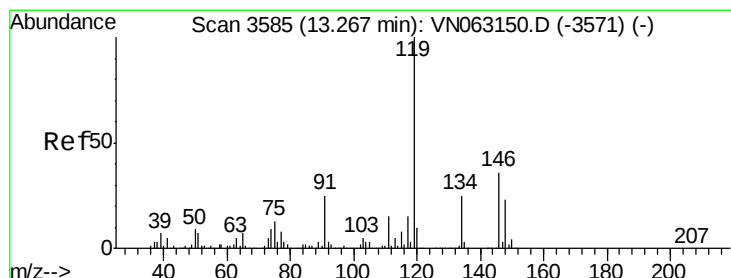
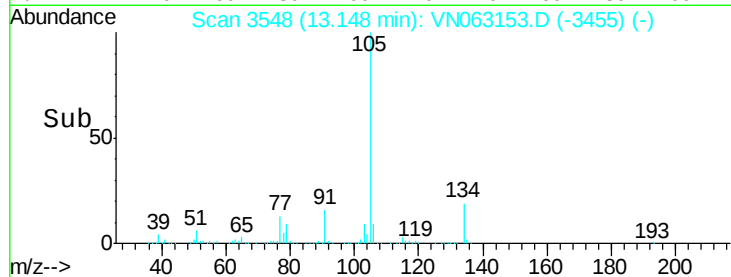
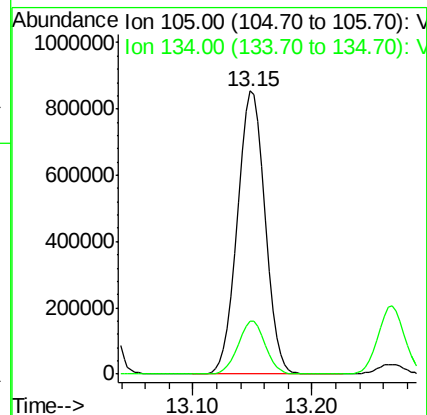
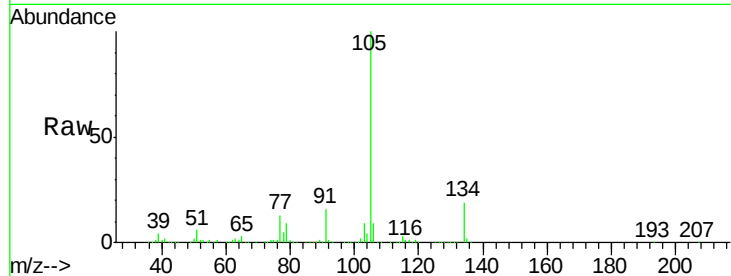
105 100

134 18.5 9.4 28.3

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#86

p-Isopropyltoluene

Concen: 53.894 ug/l

RT: 13.27 min Scan# 3585

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

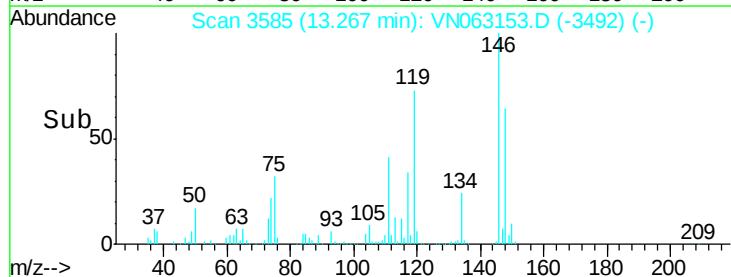
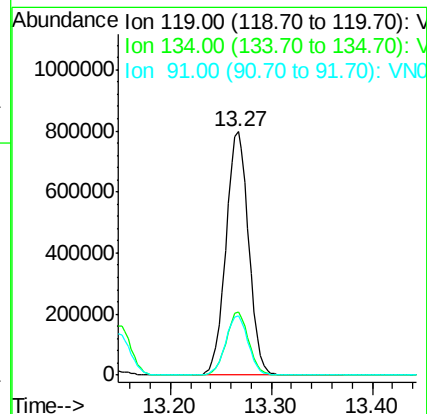
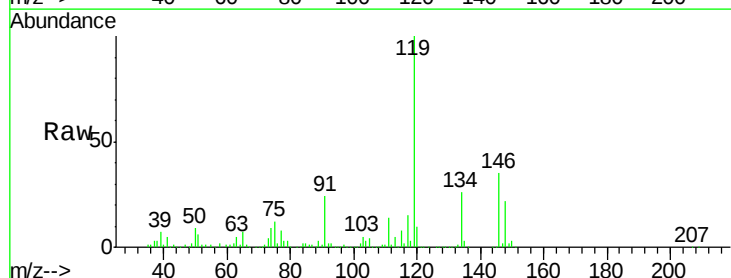
Tgt Ion:119 Resp: 1252255

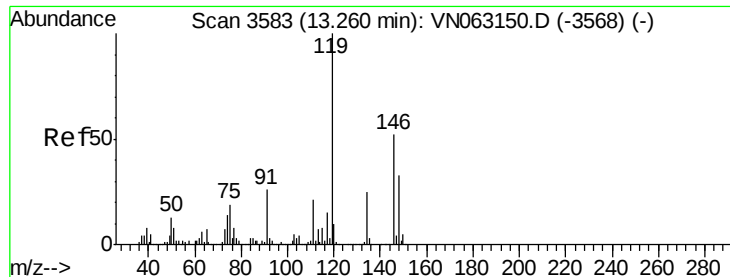
Ion Ratio Lower Upper

119 100

134 25.5 12.4 37.4

91 24.3 12.2 36.6





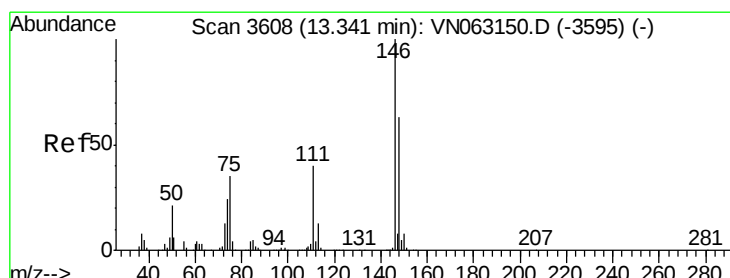
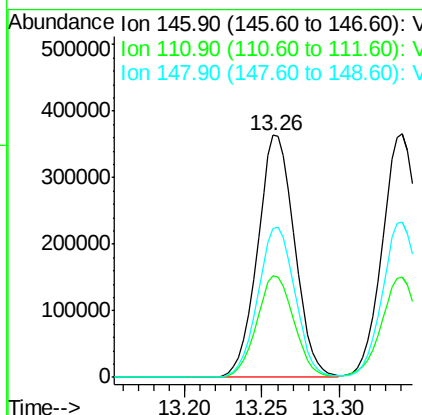
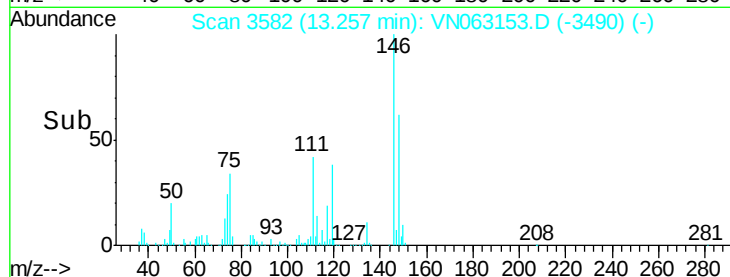
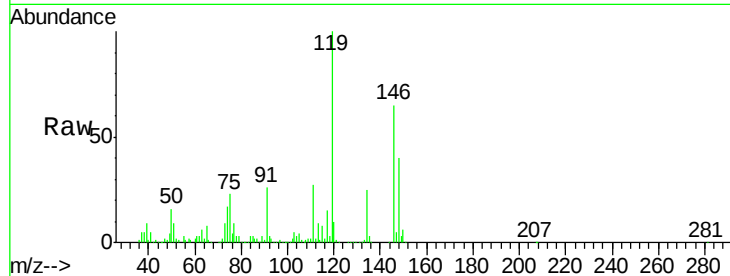
#87  
 1,3-Dichlorobenzene  
 Concen: 51.799 ug/l  
 RT: 13.26 min Scan# 3582  
 Delta R.T. -0.00 min  
 Lab File: VN063153.D  
 Acq: 31 Aug 2020 15:46

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 ICVVN083120

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.0  | 21.3  | 63.7  |
| 148     | 62.3  | 31.9  | 95.9  |

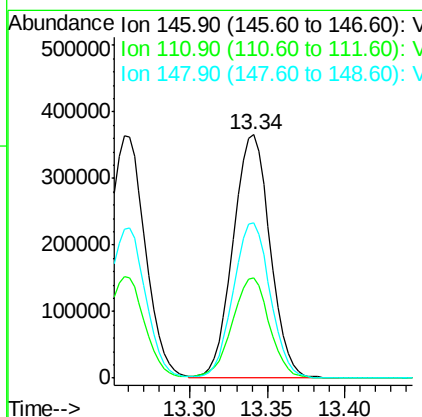
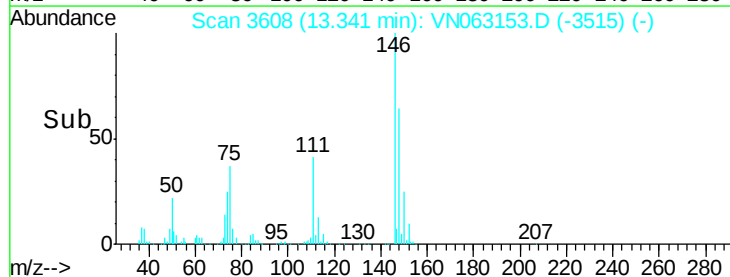
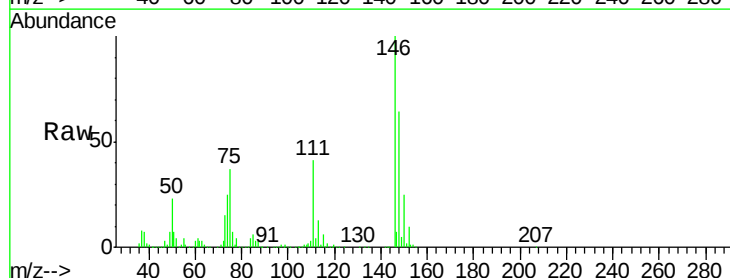
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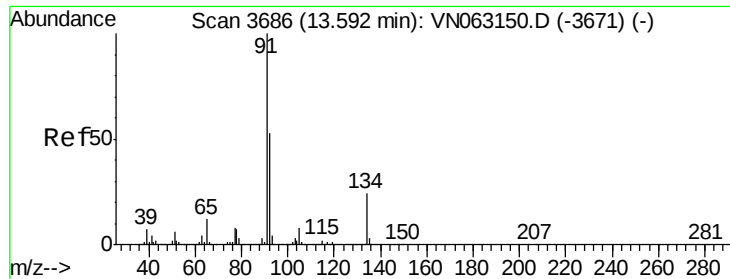
MMDadoda  
 9/1/2020 9:07:35 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 50.098 ug/l  
 RT: 13.34 min Scan# 3608  
 Delta R.T. 0.00 min  
 Lab File: VN063153.D  
 Acq: 31 Aug 2020 15:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.4  | 20.5  | 61.5  |
| 148     | 63.7  | 31.9  | 95.7  |





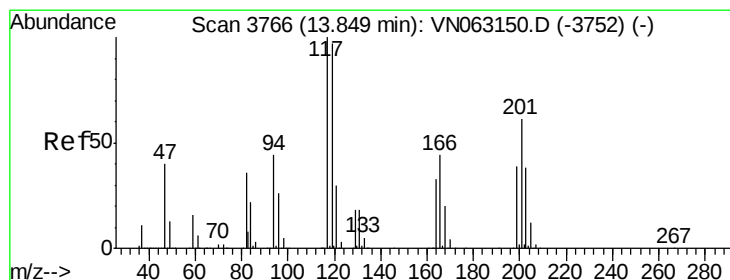
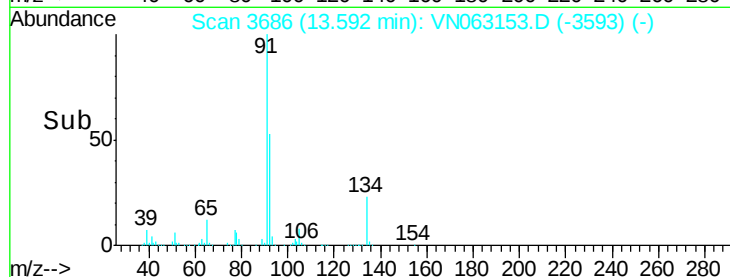
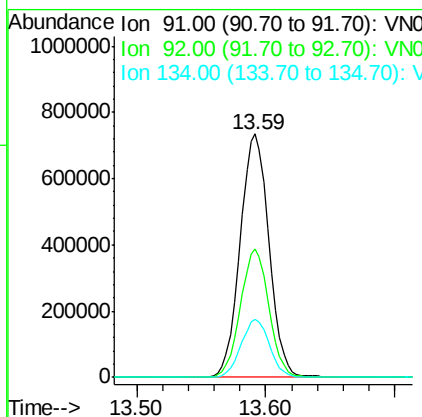
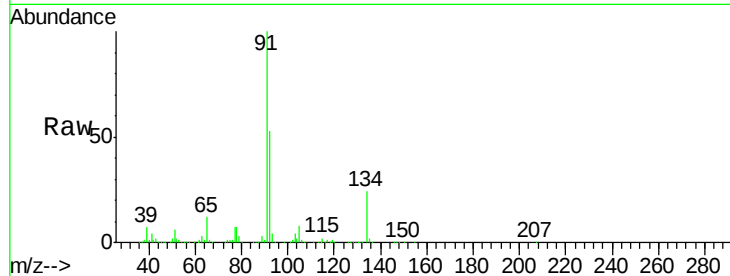
#89  
n-Butylbenzene  
Concen: 53.153 ug/l  
RT: 13.59 min Scan# 3686  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN083120

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.2  | 26.3  | 78.8  |
| 134     | 23.6  | 12.0  | 36.0  |

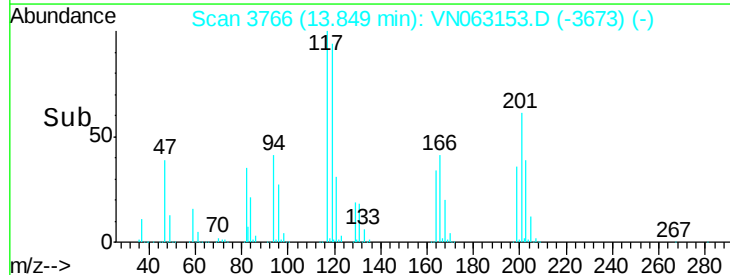
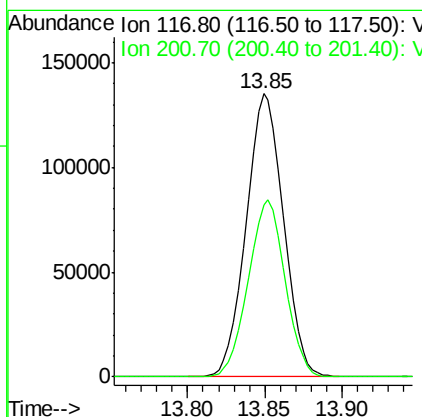
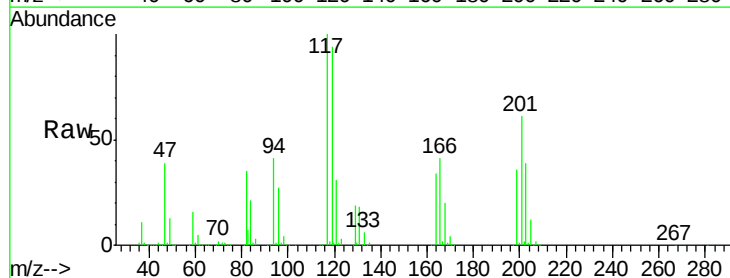
Manual Integrations  
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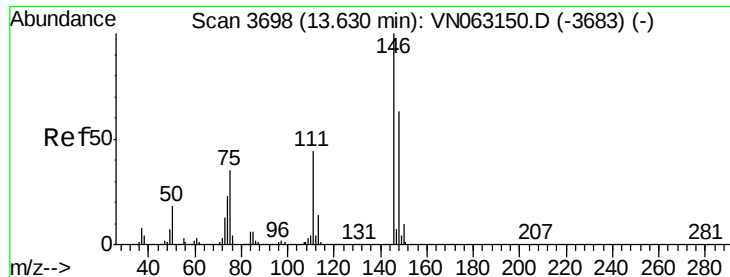
MMDadoda  
9/1/2020 9:07:35 AM



#90  
Hexachloroethane  
Concen: 52.835 ug/l  
RT: 13.85 min Scan# 3766  
Delta R.T. 0.00 min  
Lab File: VN063153.D  
Acq: 31 Aug 2020 15:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 61.6  | 30.6  | 92.0  |





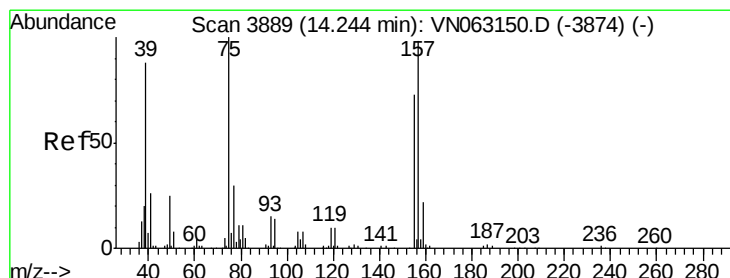
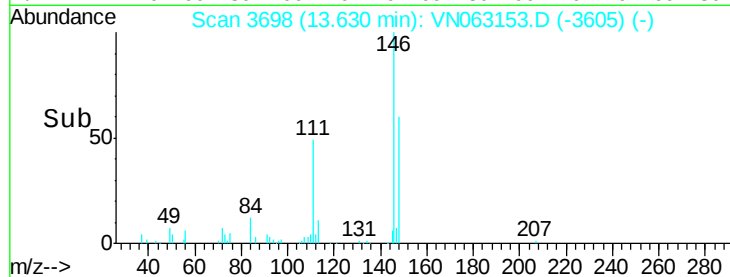
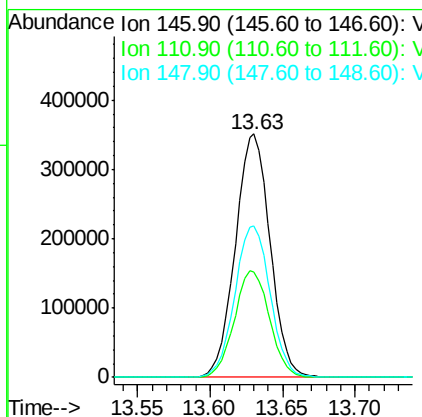
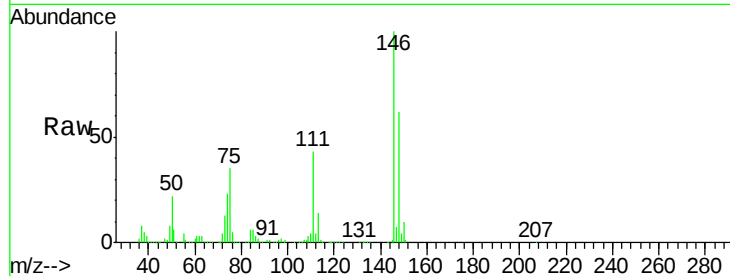
#91  
 1,2-Dichlorobenzene  
 Concen: 51.598 ug/l  
 RT: 13.63 min Scan# 3698  
 Delta R.T. 0.00 min  
 Lab File: VN063153.D  
 Acq: 31 Aug 2020 15:46

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN083120

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.5  | 22.0  | 66.0  |
| 148     | 63.2  | 31.6  | 95.0  |

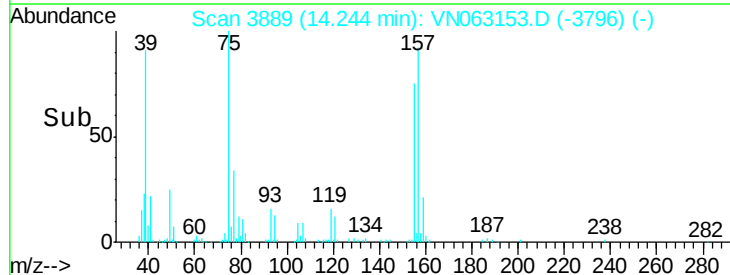
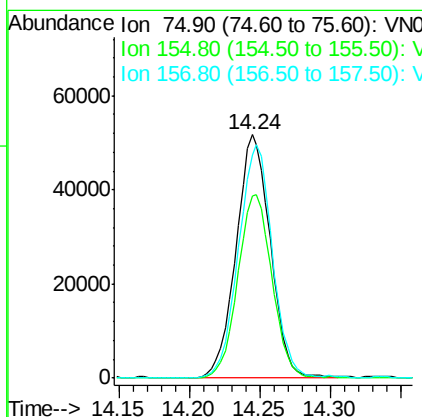
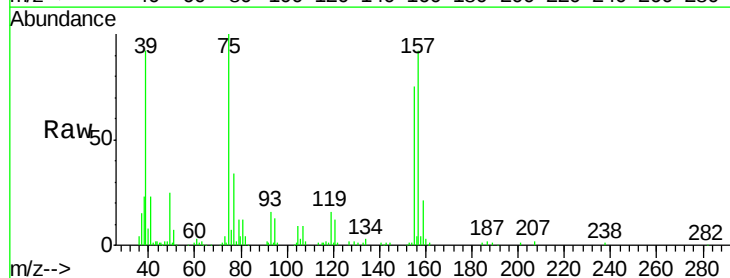
Manual Integrations  
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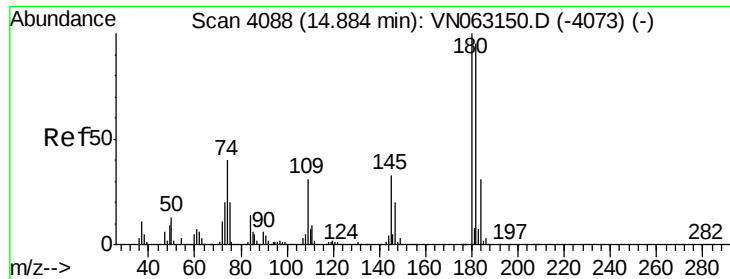
MMDadoda  
 9/1/2020 9:07:35 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.418 ug/l  
 RT: 14.24 min Scan# 3889  
 Delta R.T. 0.00 min  
 Lab File: VN063153.D  
 Acq: 31 Aug 2020 15:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 74.9  | 36.1  | 108.5 |
| 157     | 94.8  | 48.4  | 145.0 |





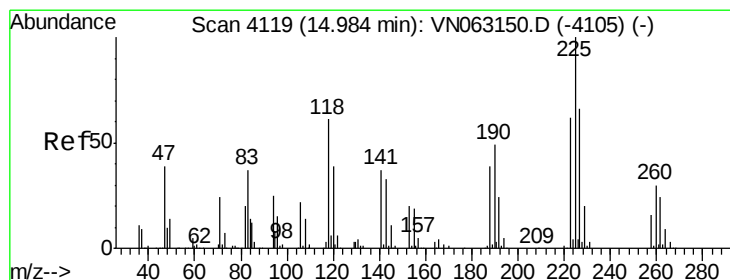
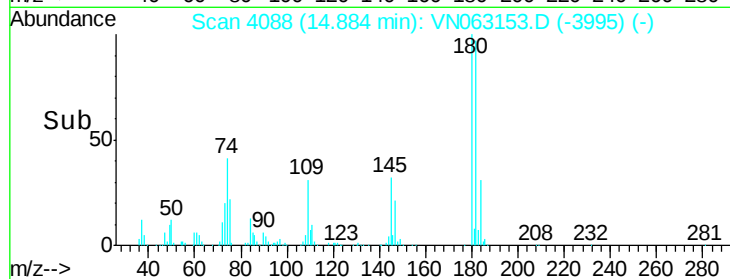
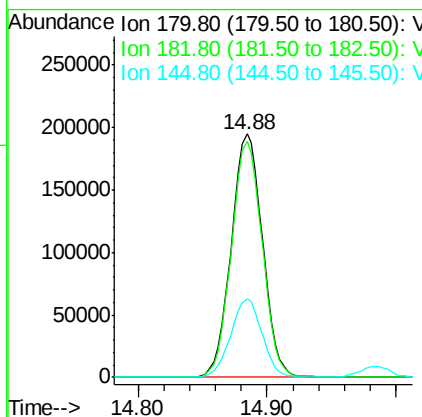
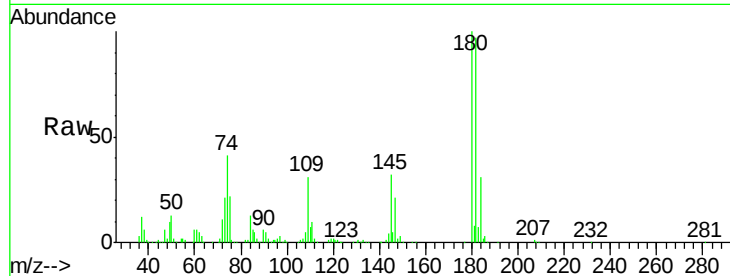
#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.829 ug/l  
 RT: 14.88 min Scan# 4088  
 Delta R.T. 0.00 min  
 Lab File: VN063153.D  
 Acq: 31 Aug 2020 15:46

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 ICVVN083120

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 328411 |       |       |
| 182     | 95.8  | 47.5   | 142.5 |       |
| 145     | 32.3  | 16.6   | 49.8  |       |

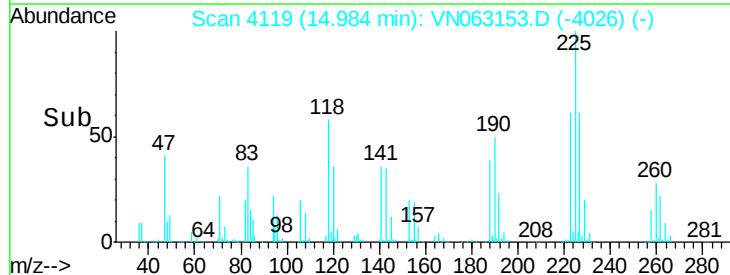
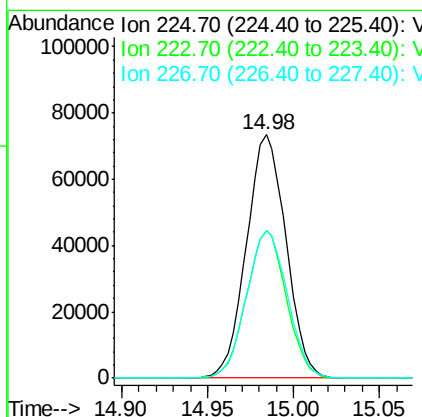
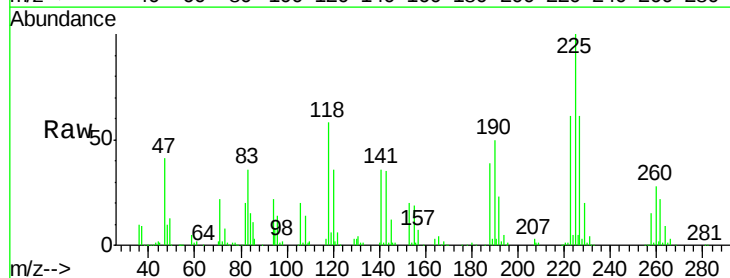
Manual Integrations  
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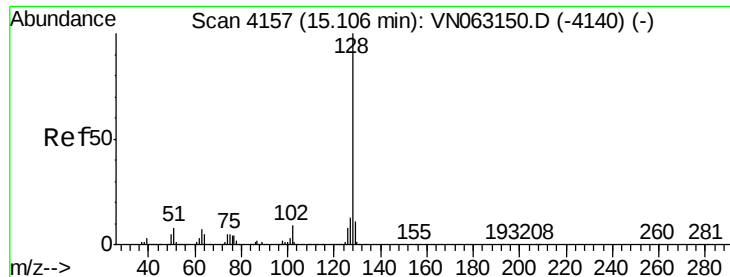
MMDadoda  
 9/1/2020 9:07:35 AM



#94  
 Hexachlorobutadiene  
 Concen: 49.593 ug/l  
 RT: 14.98 min Scan# 4119  
 Delta R.T. 0.00 min  
 Lab File: VN063153.D  
 Acq: 31 Aug 2020 15:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 117392 |       |       |
| 223     | 61.1  | 30.9   | 92.7  |       |
| 227     | 62.7  | 32.9   | 98.7  |       |





#95

Naphthalene

Concen: 53.628 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN083120

Tot Ion:128 Resp: 1133719

Ion Ratio Lower Upper

128 100

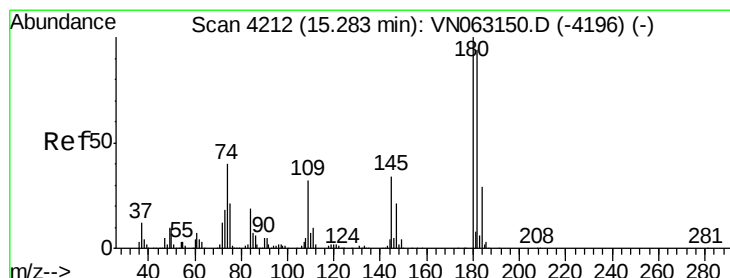
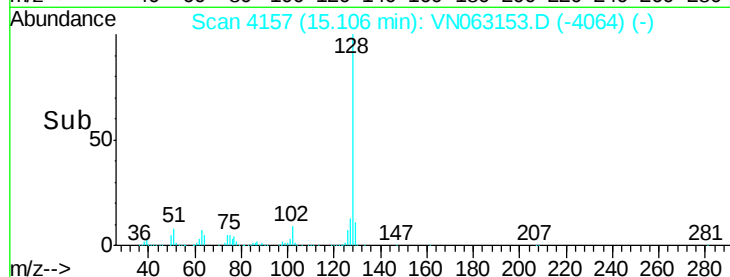
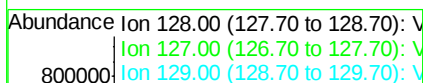
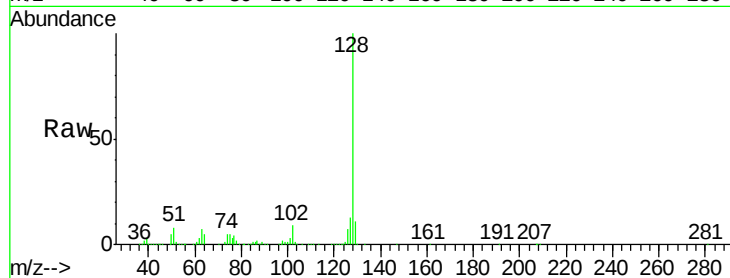
127 13.2 10.5 15.7

129 10.7 8.6 13.0

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 50.537 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063153.D

Acq: 31 Aug 2020 15:46

Tgt Ion:180 Resp: 311983

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.5

145 34.2 17.3 52.0

