

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\  
 Data File : VN061287.D  
 Acq On : 5 May 2020 13:15  
 Operator : JC/MD  
 Sample : VN0505WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 5/6/2020 11:37:11 AM

Quant Time: May 06 04:27:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 05 07:01:08 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 117814   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 202390   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 187600   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 87188    | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 7.98   | 65  | 99547    | 53.40 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 106.80% |      |
| 35) Dibromofluoromethane    | 7.54   | 113 | 58860    | 49.18 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.36%  |      |
| 50) Toluene-d8              | 10.06  | 98  | 259629   | 53.22 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 106.44% |      |
| 62) 4-Bromofluorobenzene    | 12.37  | 95  | 96759    | 52.70 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.40% |      |

| Target Compounds              |      |     |        |         | Qvalue   |
|-------------------------------|------|-----|--------|---------|----------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 24013  | 19.221  | ug/l 100 |
| 3) Chloromethane              | 2.03 | 50  | 32521  | 21.493  | ug/l 100 |
| 4) Vinyl Chloride             | 2.16 | 62  | 36558  | 21.272  | ug/l 99  |
| 5) Bromomethane               | 2.54 | 94  | 15863  | 18.673  | ug/l 99  |
| 6) Chloroethane               | 2.67 | 64  | 22705  | 20.844  | ug/l 98  |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 46271  | 23.864  | ug/l 99  |
| 8) Diethyl Ether              | 3.37 | 74  | 18046  | 22.314  | ug/l 97  |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 26692  | 21.369  | ug/l 98  |
| 10) Methyl Iodide             | 3.91 | 142 | 28289  | 17.622  | ug/l 98  |
| 11) Tert butyl alcohol        | 4.72 | 59  | 19587  | 78.435  | ug/l 96  |
| 12) 1,1-Dichloroethene        | 3.70 | 96  | 25165  | 20.245  | ug/l 95  |
| 13) Acrolein                  | 3.56 | 56  | 15585  | 93.651  | ug/l 97  |
| 14) Allyl chloride            | 4.27 | 41  | 52155  | 22.629  | ug/l 97  |
| 15) Acrylonitrile             | 4.93 | 53  | 76816  | 100.206 | ug/l 99  |
| 16) Acetone                   | 3.77 | 43  | 67150  | 89.594  | ug/l 99  |
| 17) Carbon Disulfide          | 4.01 | 76  | 62914  | 18.323  | ug/l 99  |
| 18) Methyl Acetate            | 4.27 | 43  | 40822  | 17.791  | ug/l 99  |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 96691  | 20.357  | ug/l 99  |
| 20) Methylene Chloride        | 4.50 | 84  | 28844  | 19.843  | ug/l 98  |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 27212  | 20.104  | ug/l 99  |
| 22) Diisopropyl ether         | 5.90 | 45  | 112913 | 21.126  | ug/l 99  |
| 23) Vinyl Acetate             | 5.84 | 43  | 438747 | 101.953 | ug/l 100 |
| 24) 1,1-Dichloroethane        | 5.79 | 63  | 56634  | 20.281  | ug/l 99  |
| 25) 2-Butanone                | 6.78 | 43  | 102573 | 92.987  | ug/l 98  |
| 26) 2,2-Dichloropropane       | 6.77 | 77  | 51392  | 21.850  | ug/l 98  |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 31856  | 20.055  | ug/l 97  |
| 28) Bromochloromethane        | 7.15 | 49  | 26998  | 20.398  | ug/l 97  |
| 29) Tetrahydrofuran           | 7.16 | 42  | 69380  | 93.370  | ug/l 99  |
| 30) Chloroform                | 7.32 | 83  | 57002  | 20.143  | ug/l 97  |
| 31) Cyclohexane               | 7.61 | 56  | 49910  | 18.404  | ug/l 93  |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 49542  | 20.104  | ug/l 99  |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 41762  | 20.613  | ug/l 99  |
| 37) Ethyl Acetate             | 6.88 | 43  | 46265  | 19.479  | ug/l 99  |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 36079  | 20.912  | ug/l 96  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\  
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 Acq On : 5 May 2020 13:15  
 Operator : JC/MD  
 Sample : VN0505WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 5/6/2020 11:37:11 AM

Quant Time: May 06 04:27:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 05 07:01:08 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.04  | 83   | 43827    | 19.289  | ug/l   | 100      |
| 40) Benzene                    | 8.00  | 78   | 122132   | 20.234  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.12  | 41   | 19153    | 19.422  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 48599    | 21.253  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.12  | 43   | 78287    | 19.860  | ug/l   | 100      |
| 44) Trichloroethene            | 8.80  | 130  | 30513    | 18.700  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 34146    | 21.175  | ug/l   | 100      |
| 46) Dibromomethane             | 9.17  | 93   | 20460    | 20.492  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.37  | 83   | 44701    | 20.858  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.16  | 41   | 34576    | 19.438  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 5394     | 267.145 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 230255   | 99.238  | ug/l   | 99       |
| 52) Toluene                    | 10.12 | 92   | 74764    | 20.564  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 49451    | 20.478  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 52845    | 20.700  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 29520    | 20.356  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 44690    | 19.447  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 53021    | 20.801  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 111045   | 94.601  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 162615   | 96.335  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.87 | 129  | 31269    | 20.588  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 29432    | 20.249  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.60 | 164  | 30008    | 18.469  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.40 | 112  | 75644    | 20.327  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 28027    | 21.043  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.48 | 91   | 141983   | 20.381  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.59 | 106  | 104626   | 41.032  | ug/l   | 99       |
| 69) o-Xylene                   | 11.92 | 106  | 48917    | 19.972  | ug/l   | 98       |
| 70) Styrene                    | 11.94 | 104  | 81797    | 19.953  | ug/l   | 98       |
| 71) Bromoform                  | 12.10 | 173  | 20005    | 20.437  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.22 | 105  | 134538   | 20.990  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.04 | 43   | 64796    | 19.964  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 41391    | 20.710  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 36458m   | 19.834  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 31315    | 21.164  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.56 | 91   | 160787   | 21.149  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 93954    | 21.026  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 112786   | 21.260  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 14481    | 20.006  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 100631   | 21.367  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 92776    | 20.740  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 113525   | 20.771  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.15 | 105  | 125995   | 20.660  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 113486   | 20.653  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 56584    | 20.773  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 57022    | 20.489  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.59 | 91   | 104461   | 20.737  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 13385    | 27.418  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 54649    | 20.924  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 8409     | 19.922  | ug/l   | 97       |

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Operator : JC/MD  
Sample : VN0505WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBS01

Manual Integrations  
APPROVED

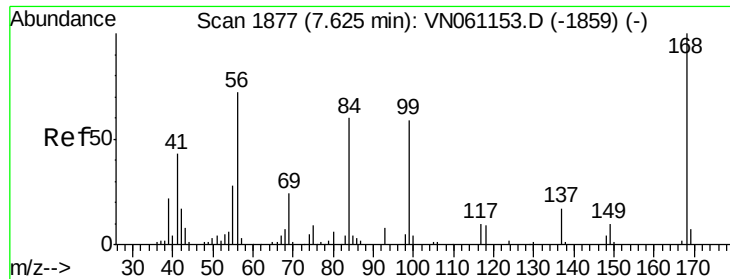
MMDadoda  
5/6/2020 11:37:11 AM

Quant Time: May 06 04:27:19 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042720W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 05 07:01:08 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.89 | 180  | 30574    | 19.224 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.99 | 225  | 14370    | 21.628 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 94048    | 18.158 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 30324    | 19.312 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

ClientSampled :

VN0505WBS01

Tot Ion:168 Resp: 117814

Ion Ratio Lower Upper

168 100

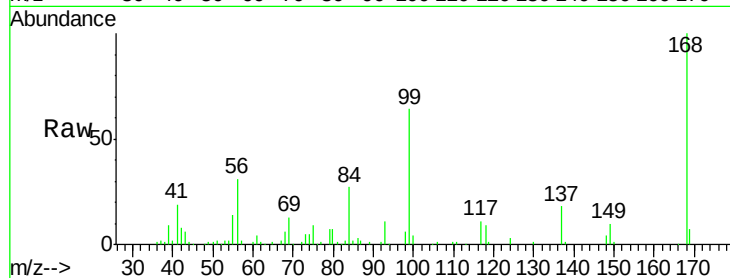
99 63.7 51.2 76.8

Manual Integrations

APPROVED

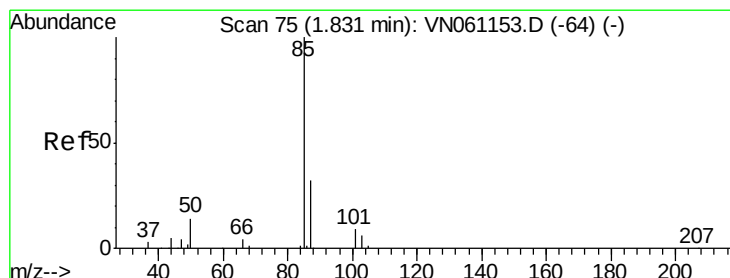
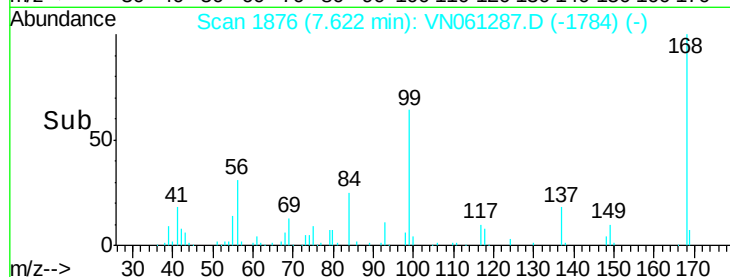
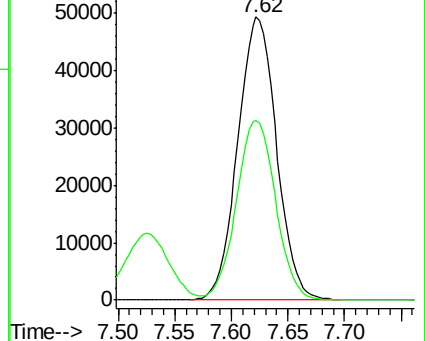
MMDadoda

5/6/2020 11:37:11 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.221 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061287.D

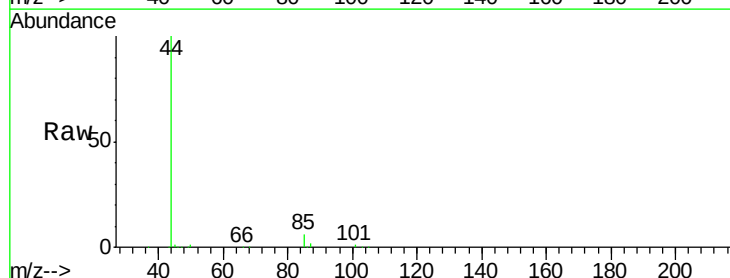
Acq: 5 May 2020 13:15

Tgt Ion: 85 Resp: 24013

Ion Ratio Lower Upper

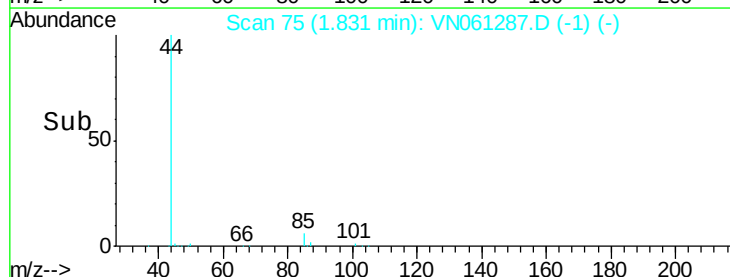
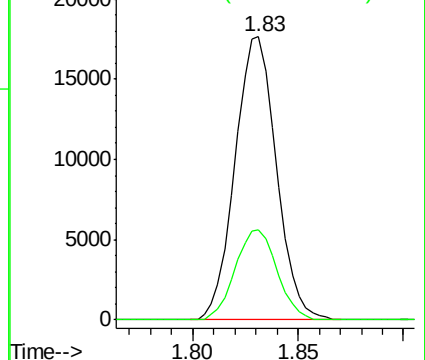
85 100

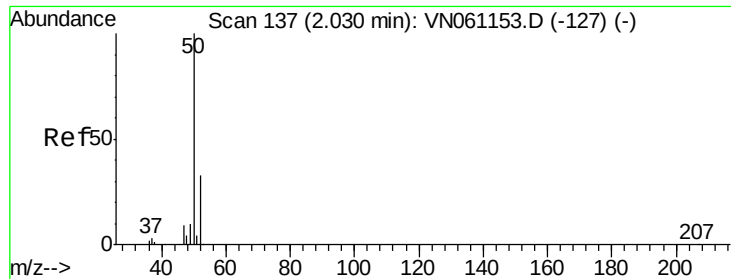
87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 21.493 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

ClientSampleId :

VN0505WBS01

Tot Ion: 50 Resp: 32521

Ion Ratio Lower Upper

50 100

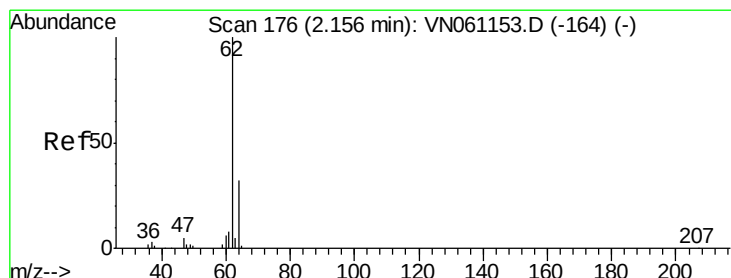
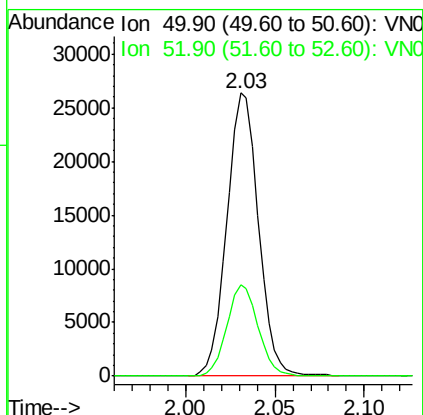
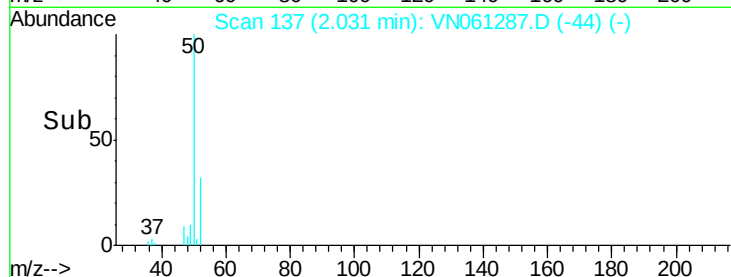
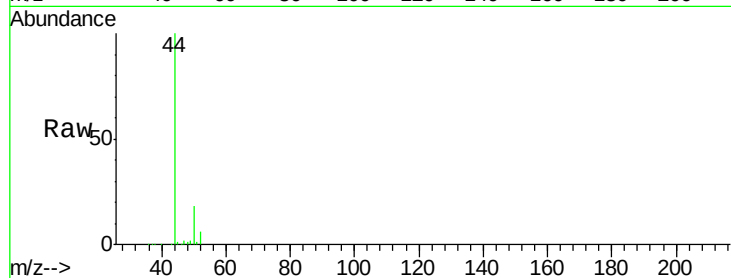
52 32.5 26.0 39.0

Manual Integrations

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5/6/2020 11:37:11 AM



#4

Vinyl Chloride

Concen: 21.272 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061287.D

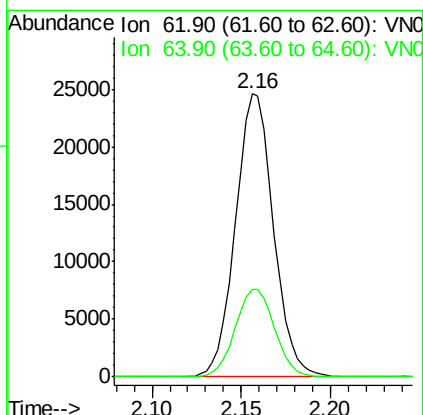
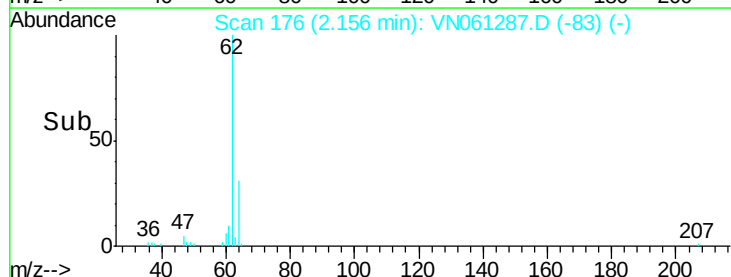
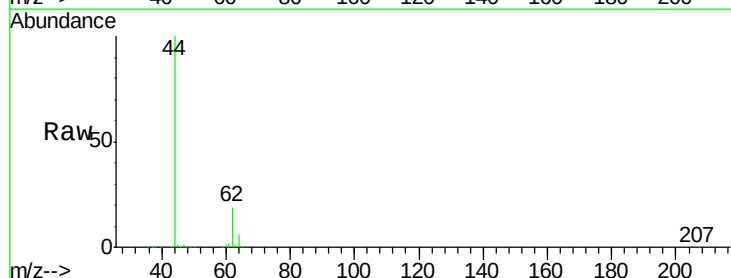
Acq: 5 May 2020 13:15

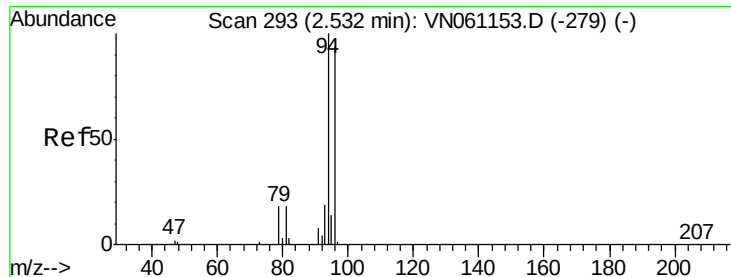
Tgt Ion: 62 Resp: 36558

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 18.673 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

ClientSampleId :

VN0505WBS01

Tot Ion: 94 Resp: 15863

Ion Ratio Lower Upper

94 100

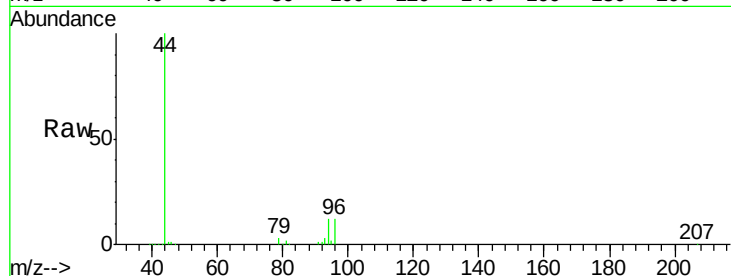
96 94.4 75.1 112.7

Manual Integrations

APPROVED

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5/6/2020 11:37:11 AM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

8000

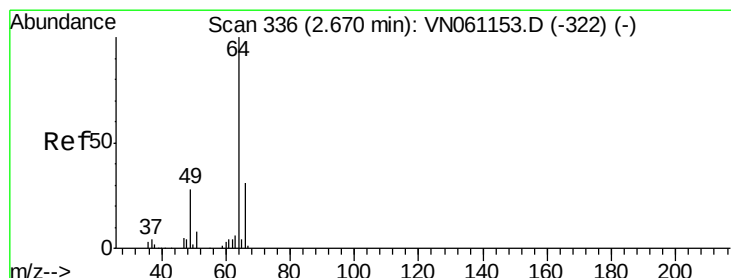
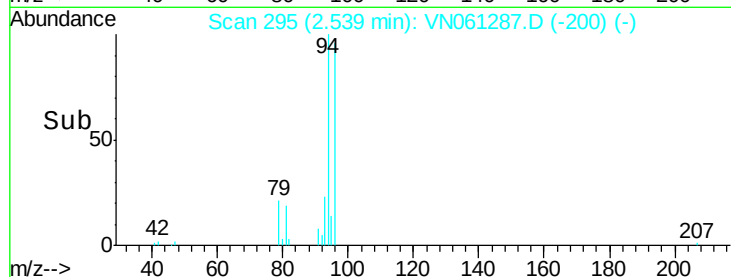
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 20.844 ug/l

RT: 2.67 min Scan# 337

Delta R.T. 0.00 min

Lab File: VN061287.D

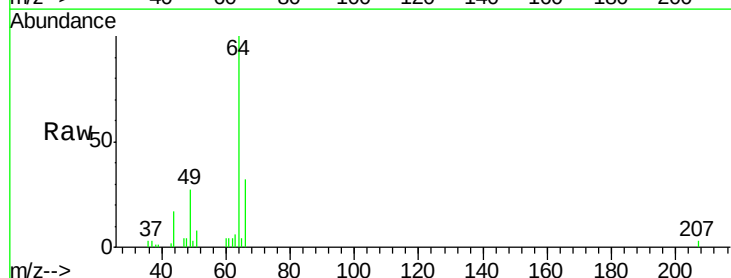
Acq: 5 May 2020 13:15

Tgt Ion: 64 Resp: 22705

Ion Ratio Lower Upper

64 100

66 32.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

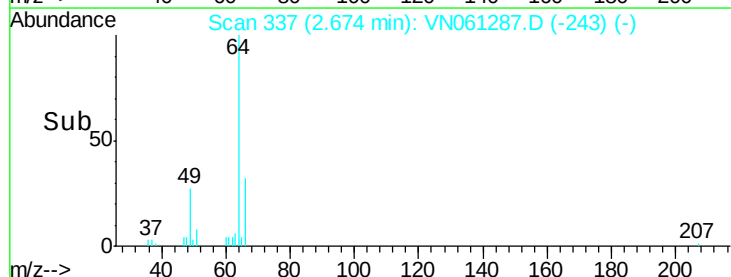
2.67

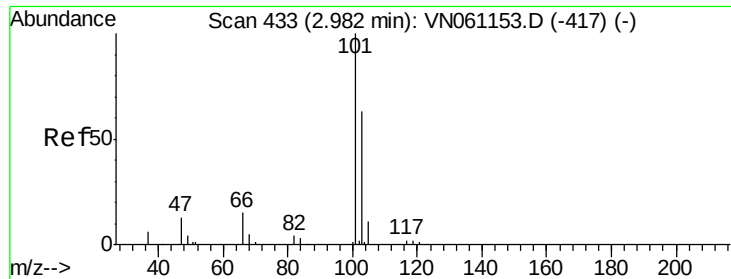
10000

5000

0

Time-->





#7

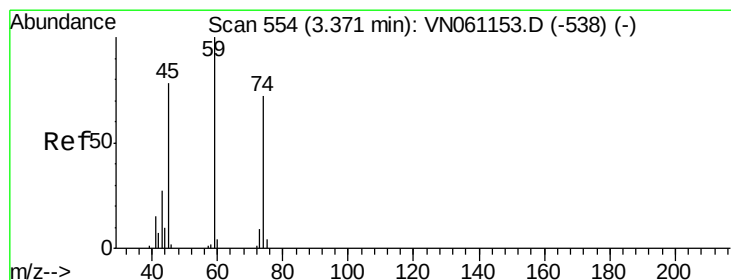
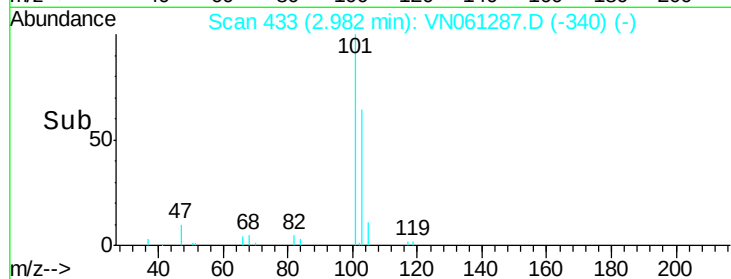
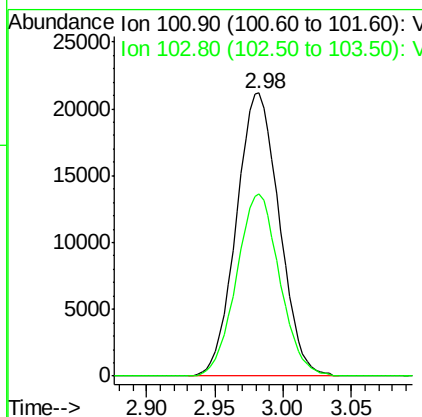
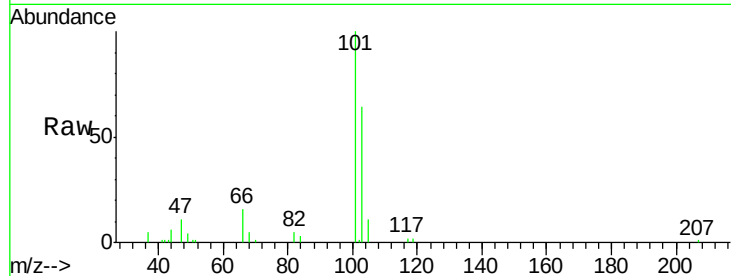
Trichlorofluoromethane  
 Concen: 23.864 ug/l  
 RT: 2.98 min Scan# 433  
 Delta R.T. 0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.4  | 50.6  | 76.0  |

Manual Integrations  
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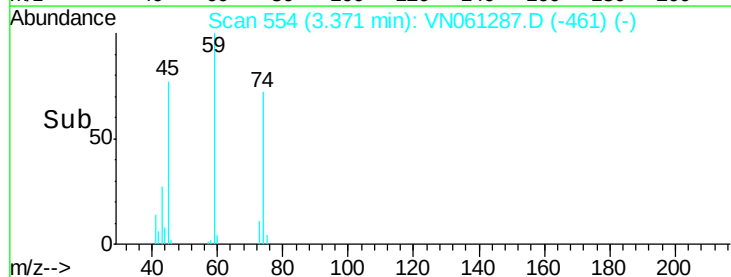
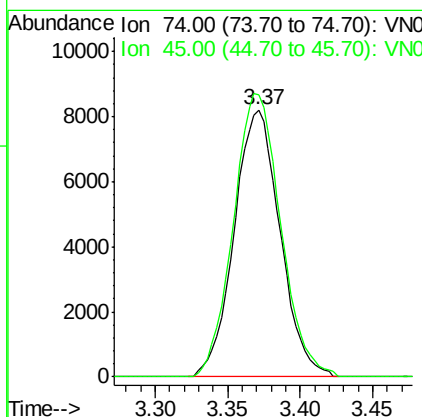
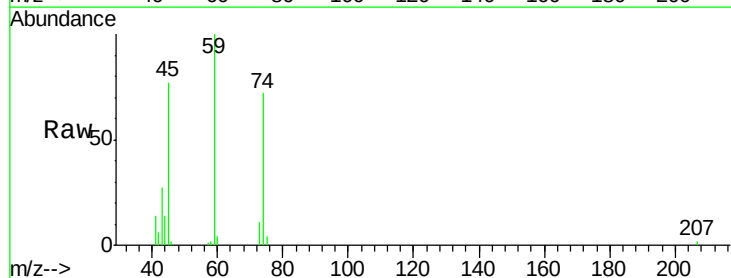
MMDadoda  
 5/6/2020 11:37:11 AM



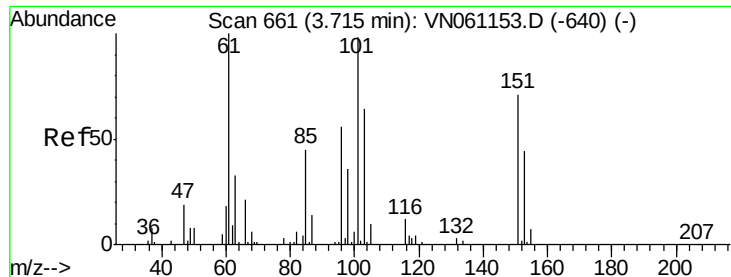
#8

Diethyl Ether  
 Concen: 22.314 ug/l  
 RT: 3.37 min Scan# 554  
 Delta R.T. 0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 109.4 | 53.3  | 160.0 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.369 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

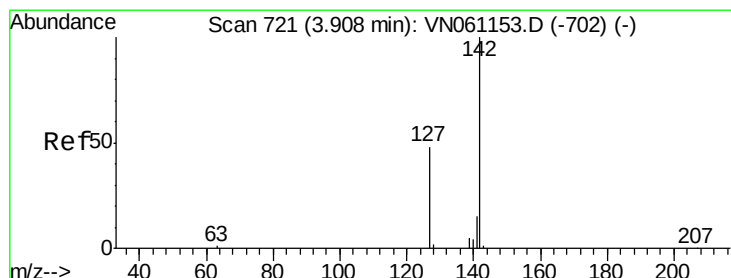
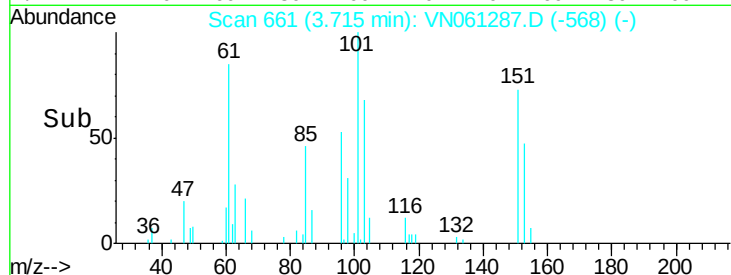
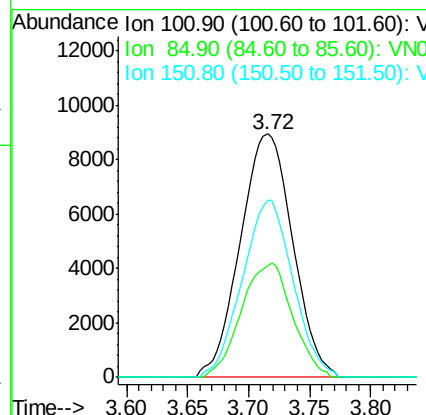
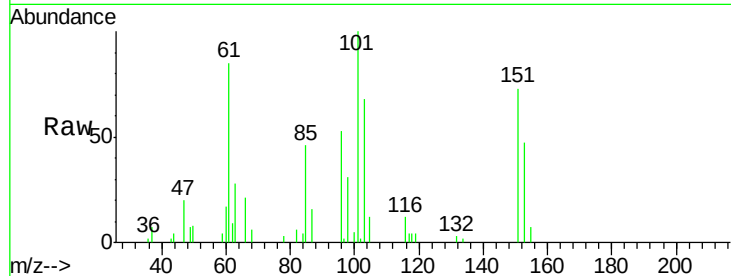
ClientSampled :

VN0505WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 26692 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.7  | 37.2  | 55.8  |
| 151       | 70.2  | 57.7  | 86.5  |

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#10

Methyl Iodide

Concen: 17.622 ug/l

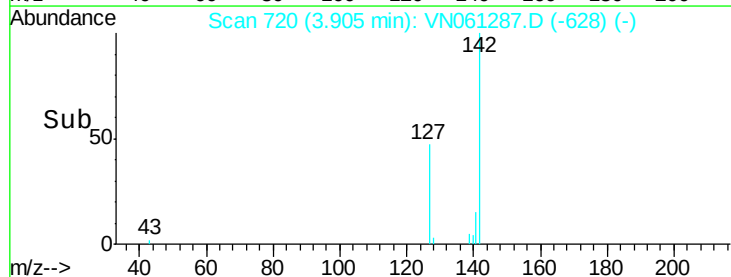
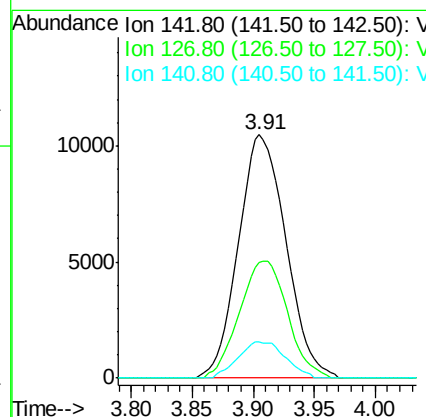
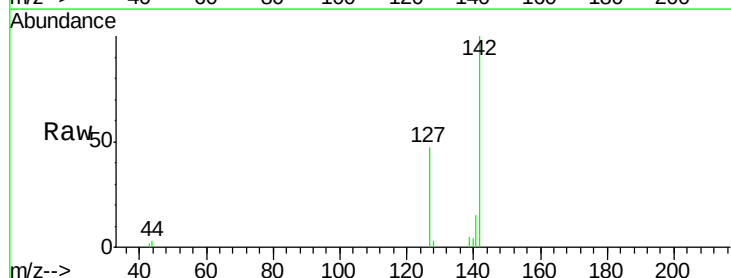
RT: 3.91 min Scan# 720

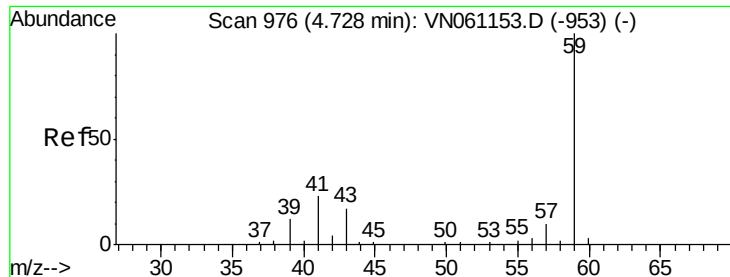
Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 28289 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 48.7  | 38.0  | 57.0  |
| 141       | 14.9  | 11.7  | 17.5  |





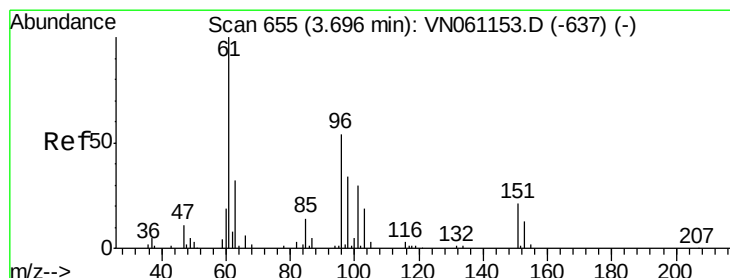
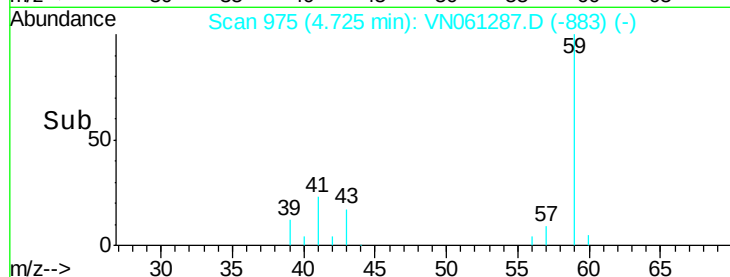
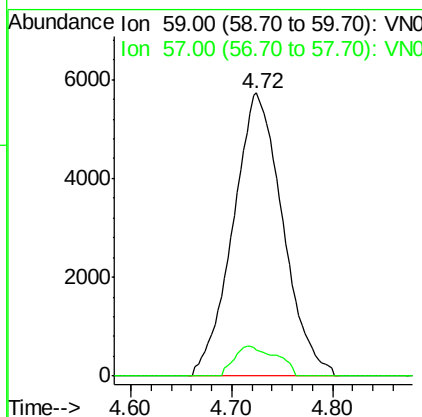
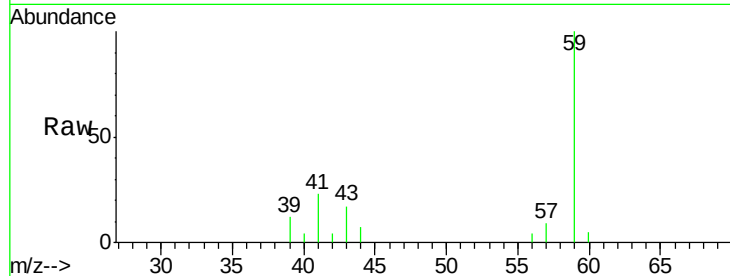
#11  
Tert butyl alcohol  
Concen: 78.435 ug/l  
RT: 4.72 min Scan# 975  
Delta R.T. -0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.0   | 8.3   | 12.5  |

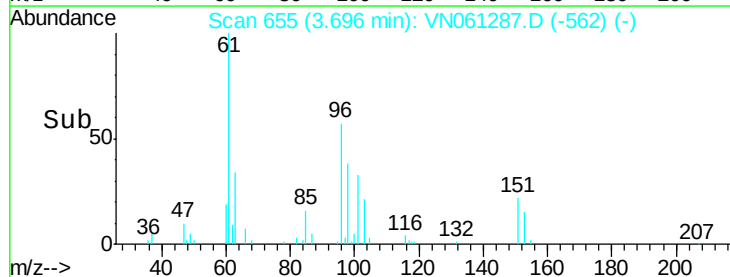
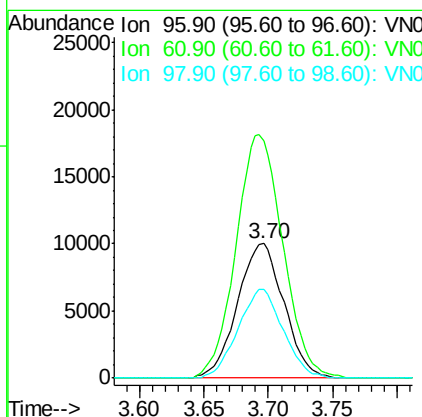
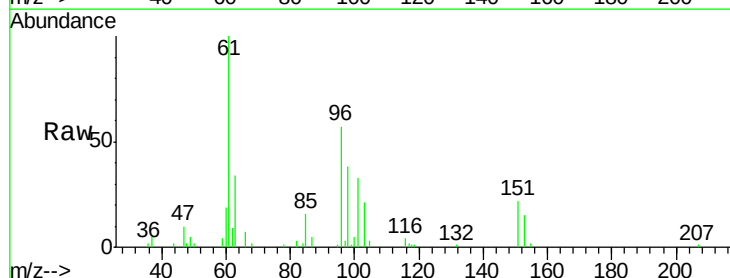
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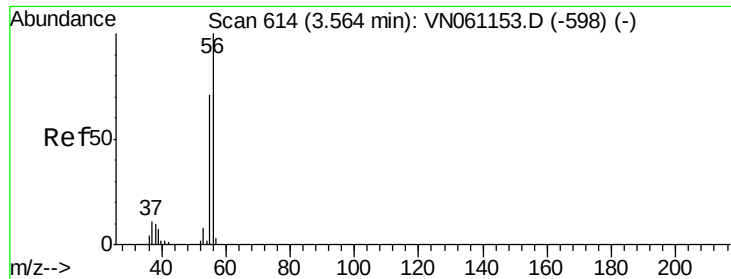
MMDadoda  
5/6/2020 11:37:11 AM



#12  
1,1-Dichloroethene  
Concen: 20.245 ug/l  
RT: 3.70 min Scan# 655  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 176.2 | 147.0 | 220.6 |
| 98      | 66.2  | 49.8  | 74.6  |





#13

Acrolein

Concen: 93.651 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

ClientSampleId :

VN0505WBS01

Tot Ion: 56 Resp: 15585

Ion Ratio Lower Upper

56 100

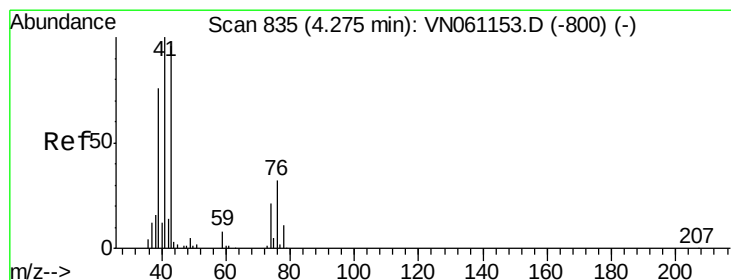
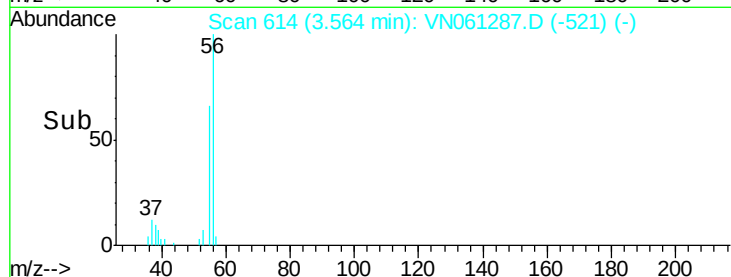
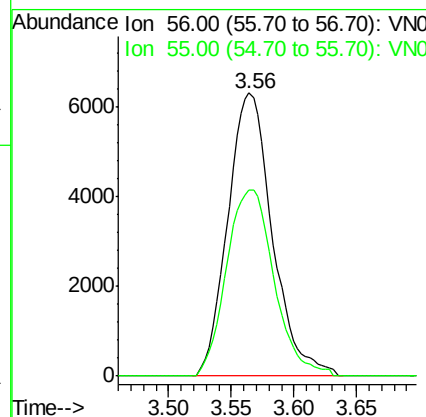
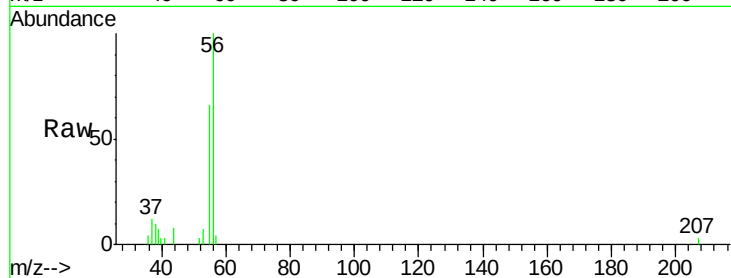
55 70.3 58.5 87.7

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#14

Allyl chloride

Concen: 22.629 ug/l

RT: 4.27 min Scan# 833

Delta R.T. -0.01 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

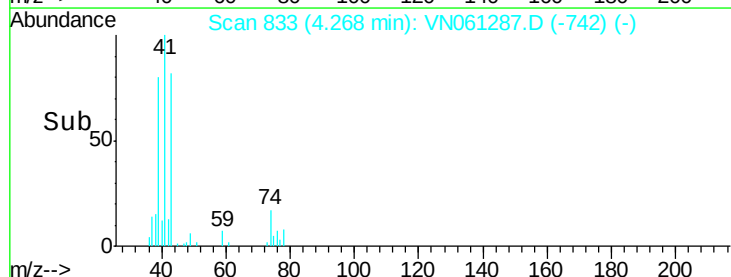
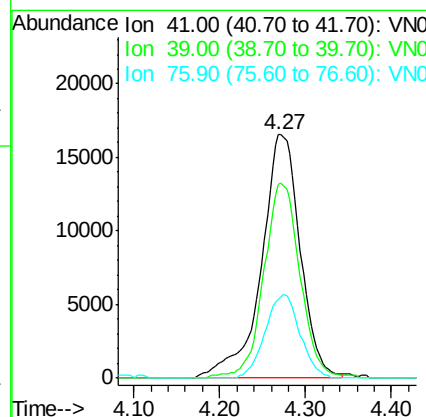
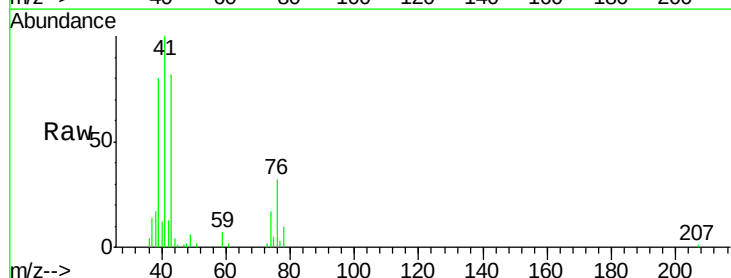
Tgt Ion: 41 Resp: 52155

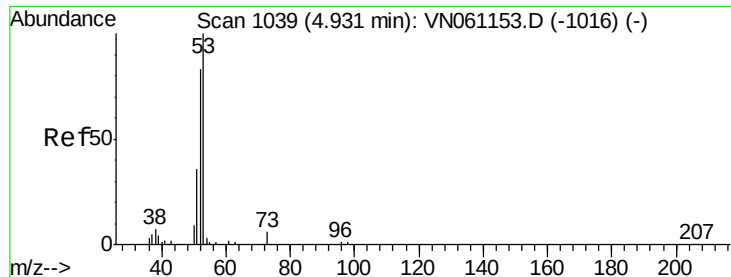
Ion Ratio Lower Upper

41 100

39 74.7 57.1 85.7

76 30.7 24.3 36.5





#15

Acrylonitrile

Concen: 100.206 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

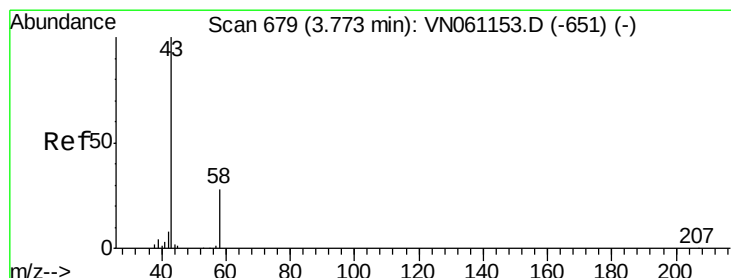
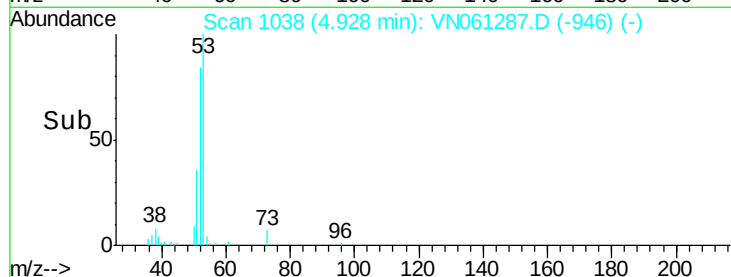
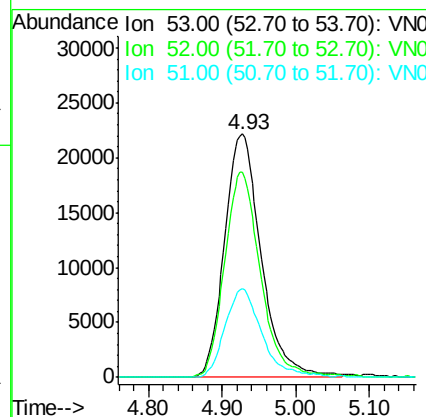
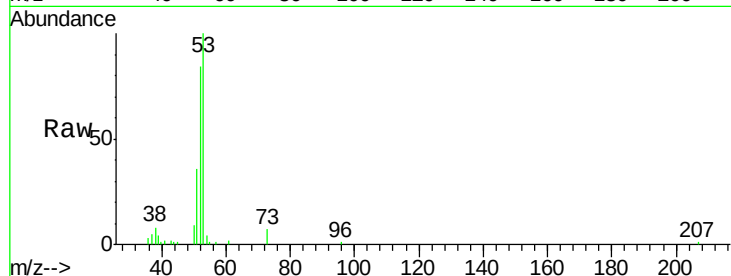
ClientSampleId :

VN0505WBS01

|           |      |       |       |
|-----------|------|-------|-------|
| Tot Ion:  | 53   | Resp: | 76816 |
| Ion Ratio |      | Lower | Upper |
| 53        | 100  |       |       |
| 52        | 82.6 | 65.4  | 98.0  |
| 51        | 36.6 | 29.5  | 44.3  |

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#16

Acetone

Concen: 89.594 ug/l

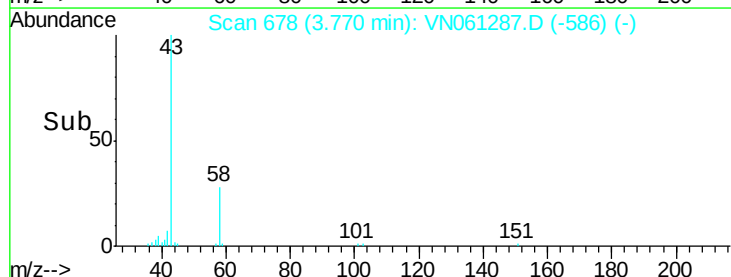
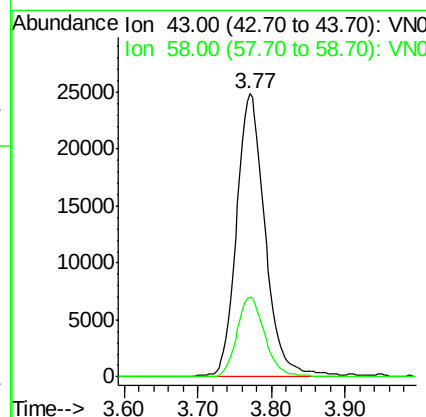
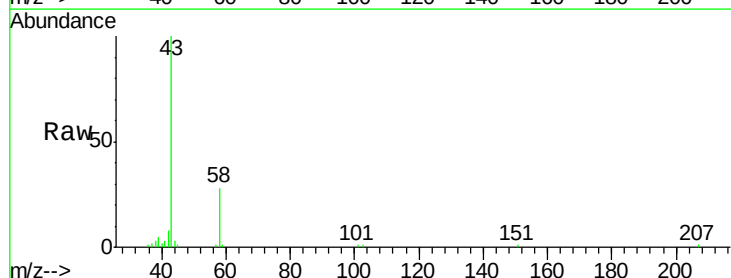
RT: 3.77 min Scan# 678

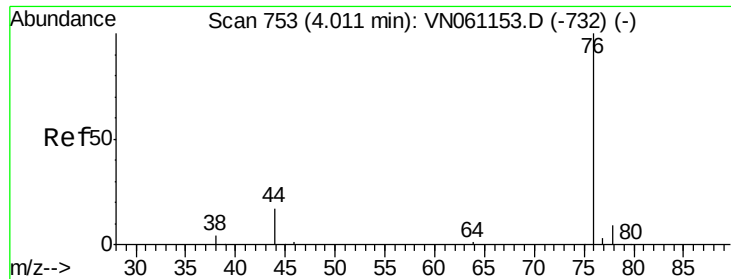
Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 43   | Resp: | 67150 |
| Ion Ratio |      | Lower | Upper |
| 43        | 100  |       |       |
| 58        | 28.4 | 22.2  | 33.2  |





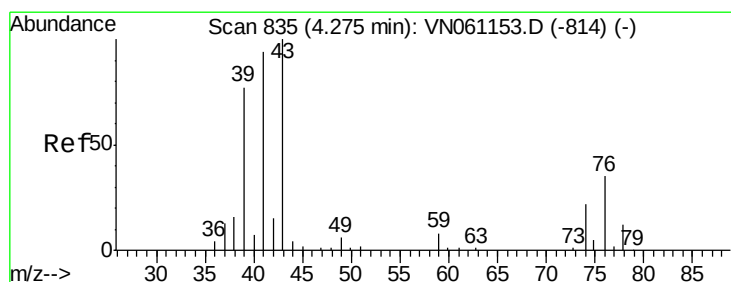
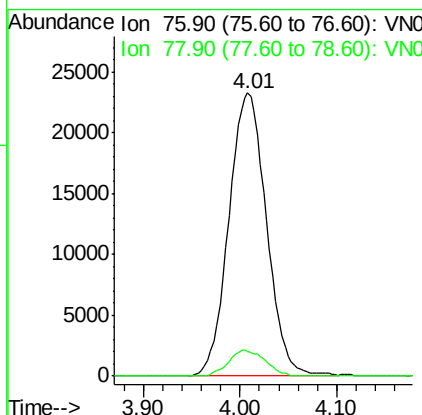
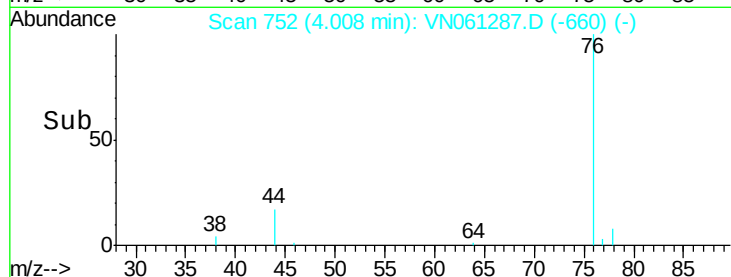
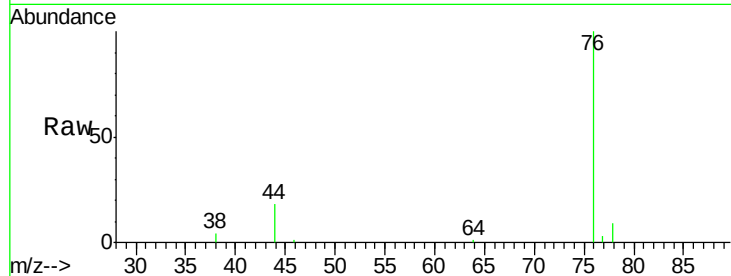
#17  
Carbon Disulfide  
Concen: 18.323 ug/l  
RT: 4.01 min Scan# 752  
Delta R.T. -0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0505WBS01

Tot Ion: 76 Resp: 62914  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.2 10.8

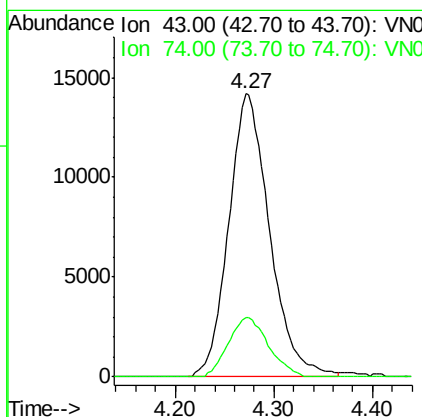
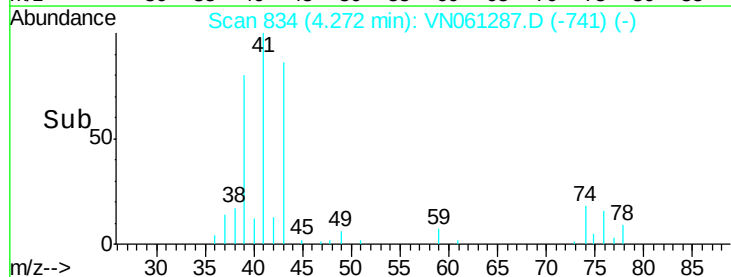
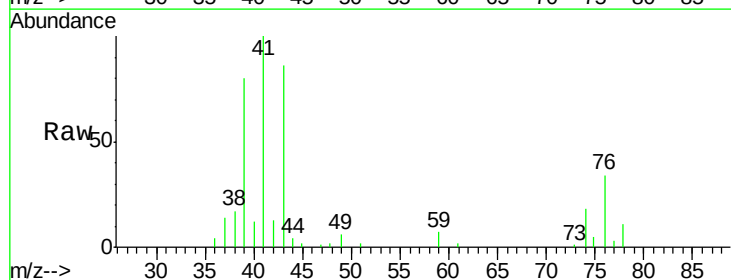
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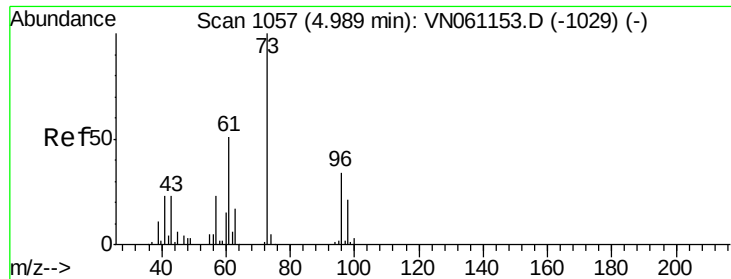
MMDadoda  
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#18  
Methyl Acetate  
Concen: 17.791 ug/l  
RT: 4.27 min Scan# 834  
Delta R.T. -0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Tgt Ion: 43 Resp: 40822  
Ion Ratio Lower Upper  
43 100  
74 20.7 17.0 25.4





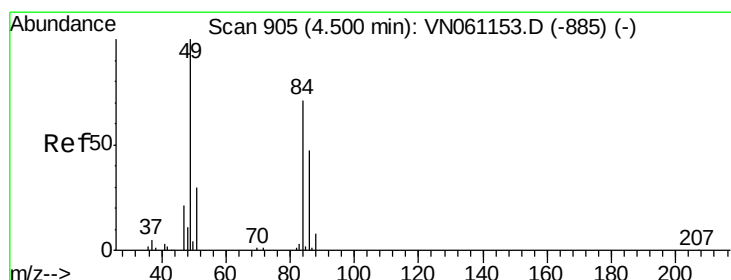
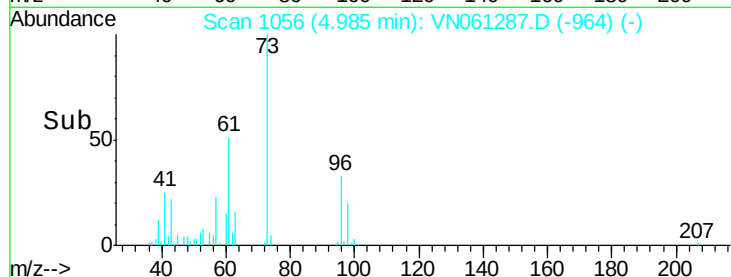
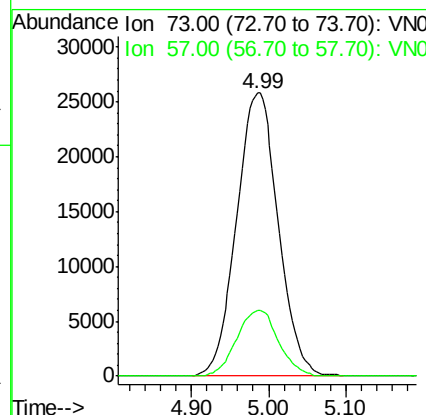
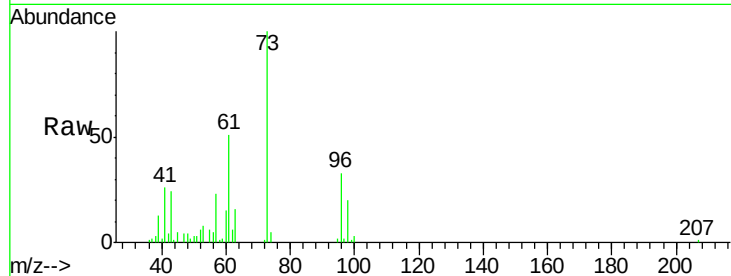
#19  
Methvl tert-butvl Ether  
Concen: 20.357 ug/l  
RT: 4.99 min Scan# 1056  
Delta R.T. -0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBS01

Tot Ion: 73 Resp: 96691  
Ion Ratio Lower Upper  
73 100  
57 23.2 18.3 27.5

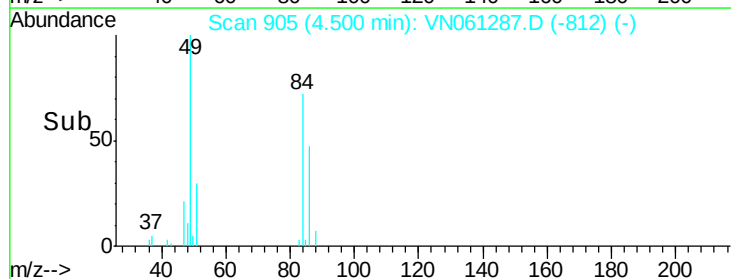
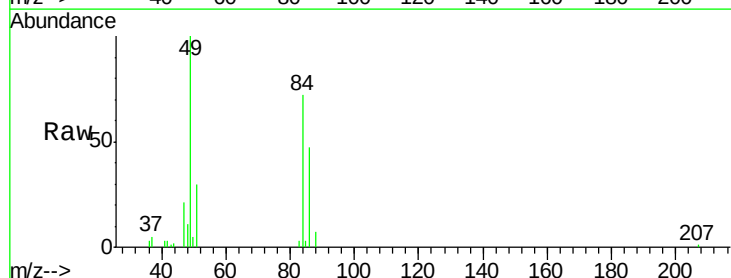
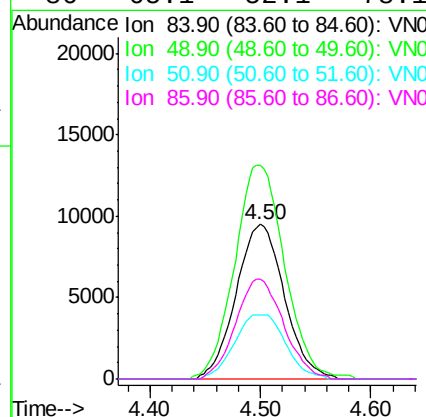
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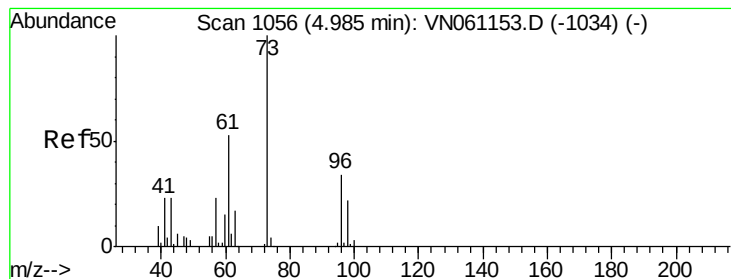
MMDadoda  
5/6/2020 11:37:11 AM



#20  
Methylene Chloride  
Concen: 19.843 ug/l  
RT: 4.50 min Scan# 905  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Tgt Ion: 84 Resp: 28844  
Ion Ratio Lower Upper  
84 100  
49 136.7 112.0 168.0  
51 41.4 33.6 50.4  
86 65.1 52.1 78.1





#21

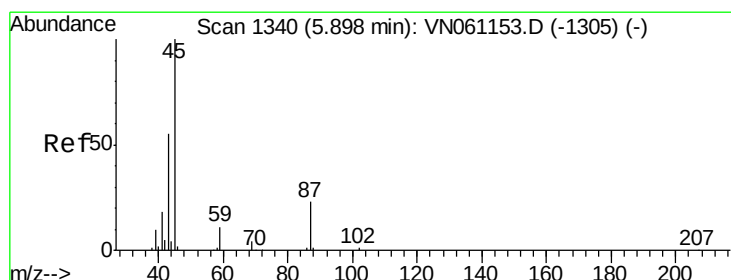
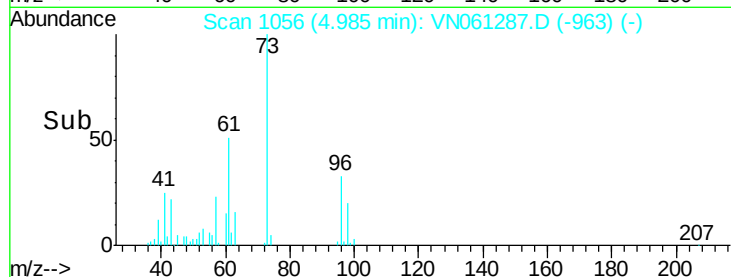
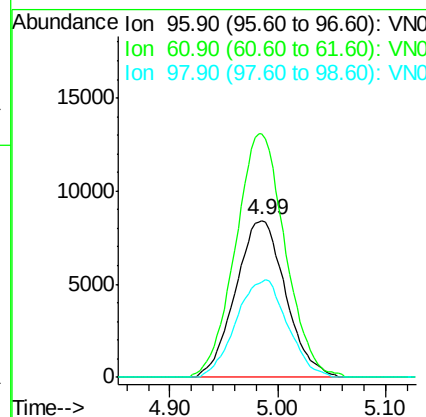
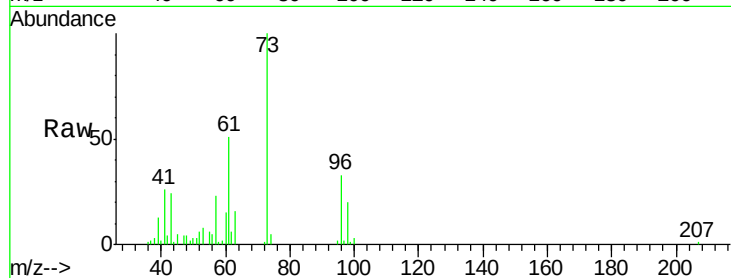
trans-1,2-Dichloroethene  
Concen: 20.104 ug/l  
RT: 4.99 min Scan# 1056  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 153.1 | 123.0 | 184.4 |
| 98      | 60.9  | 50.1  | 75.1  |

Manual Integrations  
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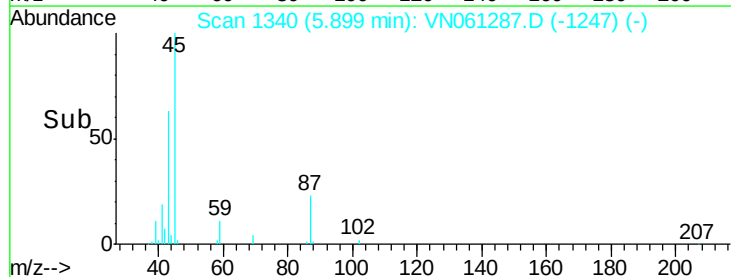
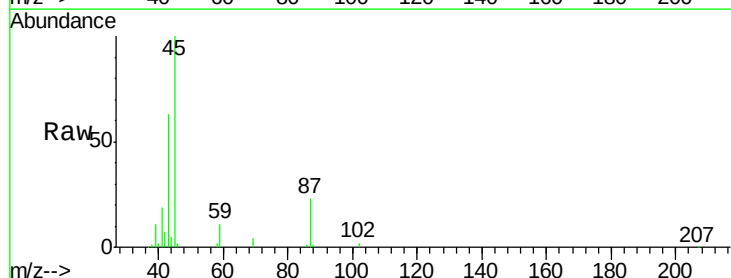
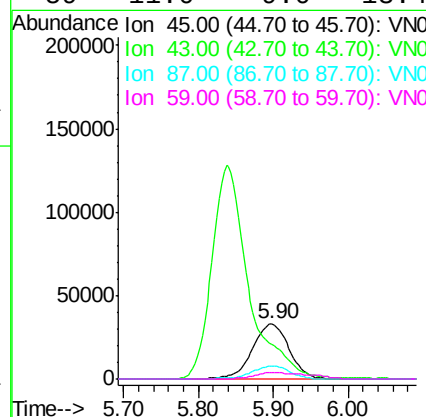
MMDadoda  
5/6/2020 11:37:11 AM

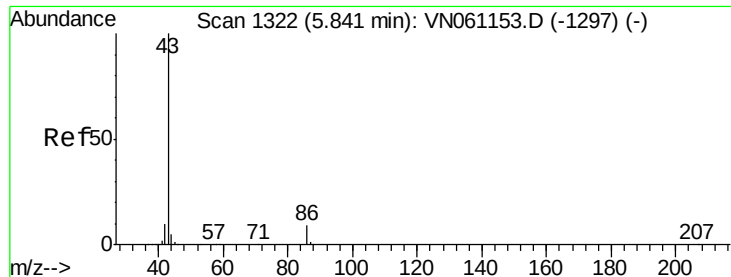


#22

Diisopropyl ether  
Concen: 21.126 ug/l  
RT: 5.90 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 60.5  | 47.9  | 71.9  |
| 87      | 23.4  | 19.2  | 28.8  |
| 59      | 11.0  | 9.0   | 13.4  |





#23

Vinyl Acetate

Concen: 101.953 ug/l

RT: 5.84 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

ClientSampleId :

VN0505WBS01

Tot Ion: 43 Resp: 438747

Ion Ratio Lower Upper

43 100

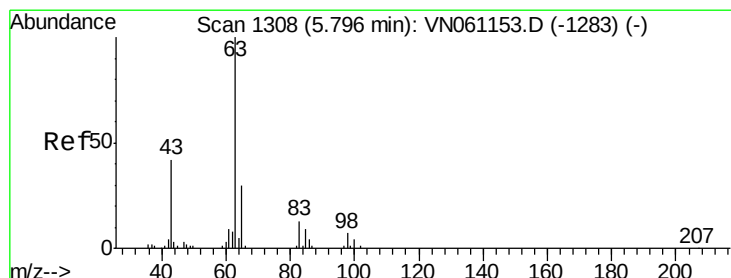
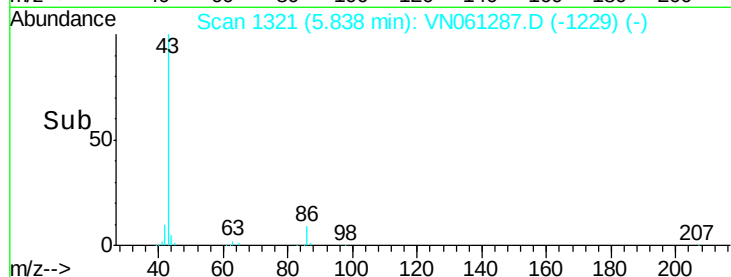
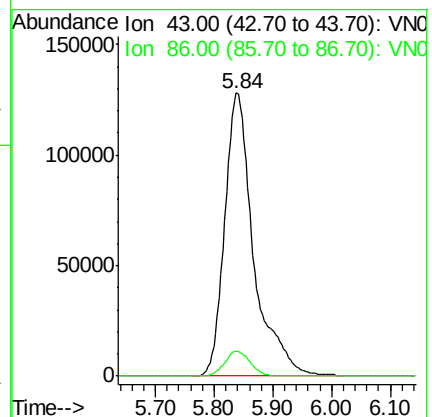
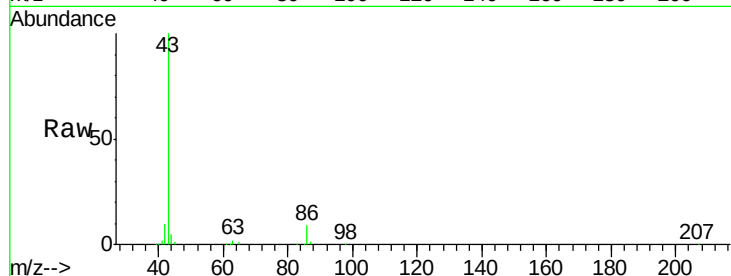
86 9.0 7.2 10.8

Manual Integrations

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MMDadoda

5/6/2020 11:37:11 AM



#24

1,1-Dichloroethane

Concen: 20.281 ug/l

RT: 5.79 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

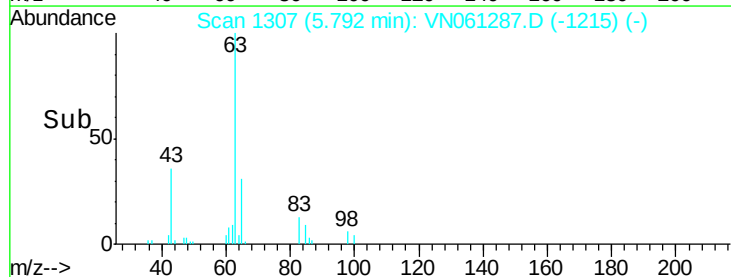
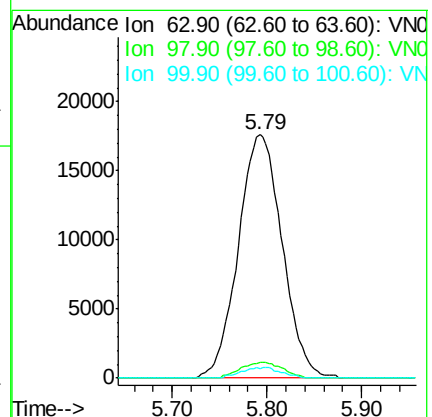
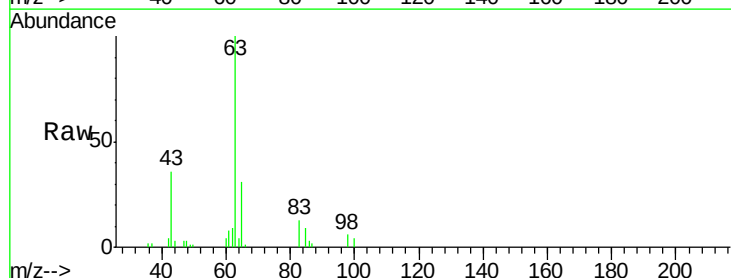
Tgt Ion: 63 Resp: 56634

Ion Ratio Lower Upper

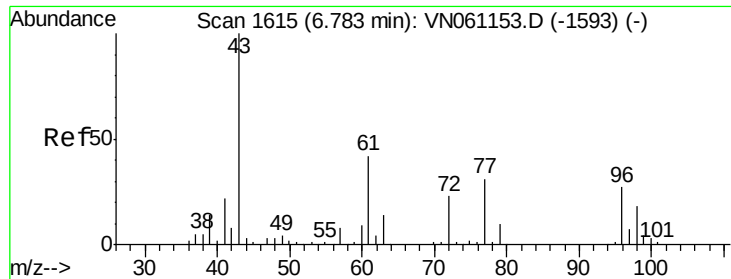
63 100

98 6.4 3.3 9.9

100 4.1 1.9 5.7







#25

2-Butanone

Concen: 92.987 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

ClientSampled :

VN0505WBS01

Tot Ion: 43 Resp: 102573

Ion Ratio Lower Upper

43 100

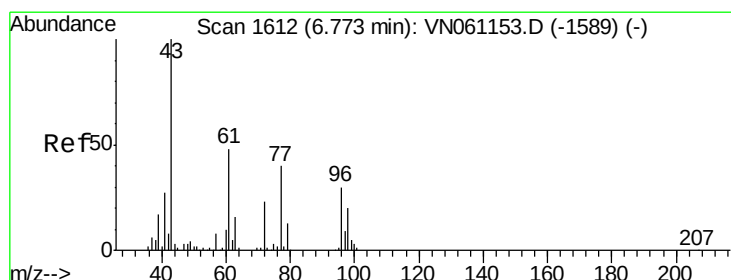
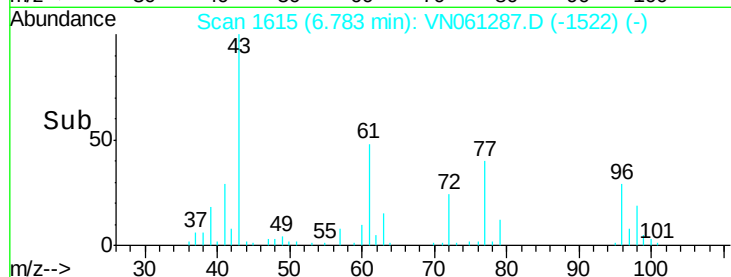
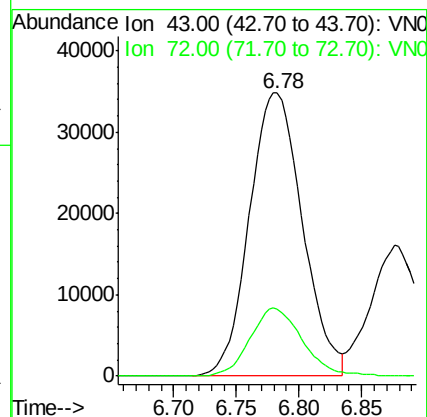
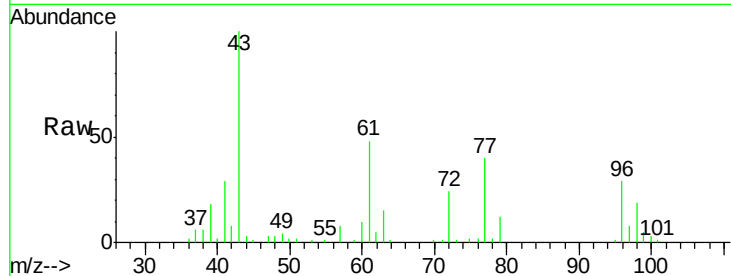
72 23.8 18.2 27.4

Manual Integrations

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MMDadoda

5/6/2020 11:37:11 AM



#26

2,2-Dichloropropane

Concen: 21.850 ug/l

RT: 6.77 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VN061287.D

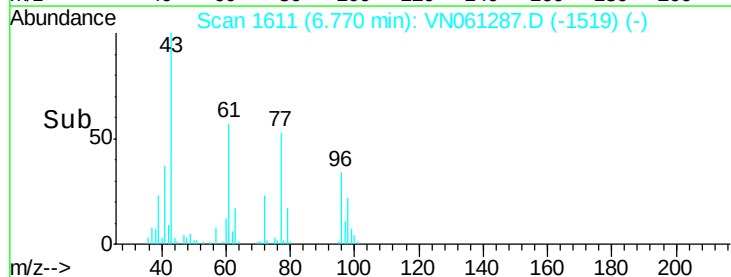
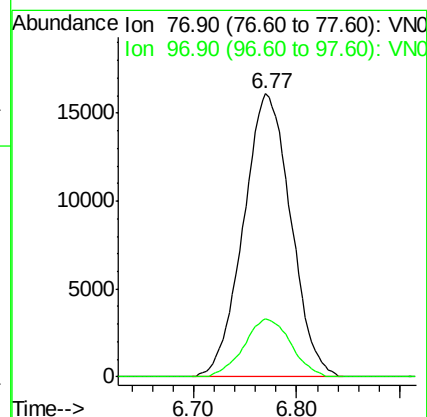
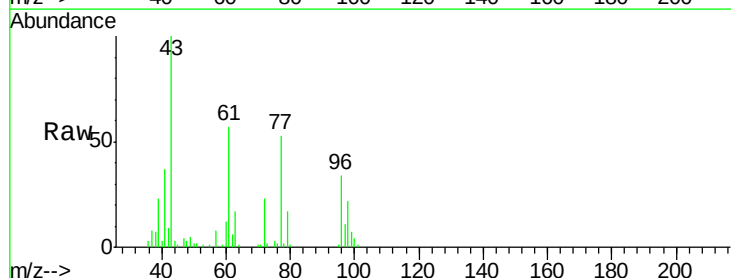
Acq: 5 May 2020 13:15

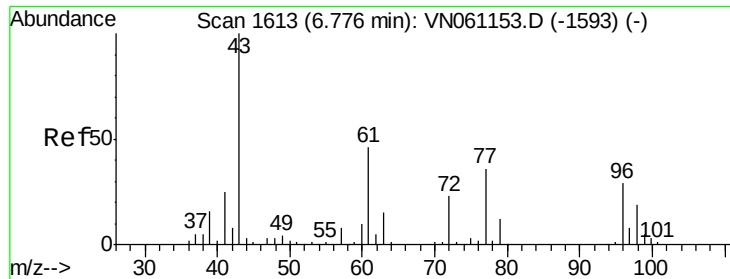
Tgt Ion: 77 Resp: 51392

Ion Ratio Lower Upper

77 100

97 20.3 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 20.055 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

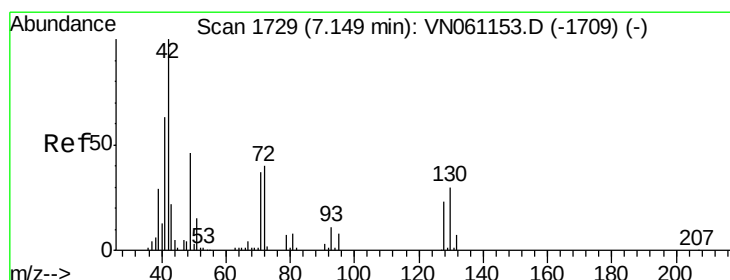
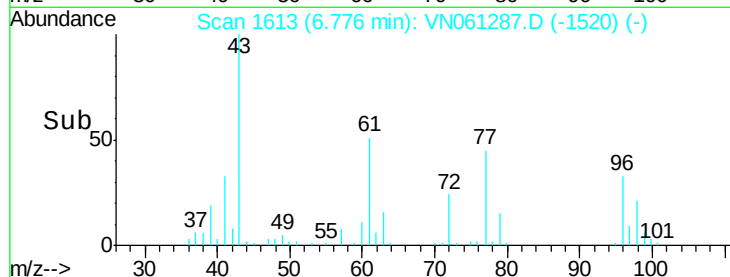
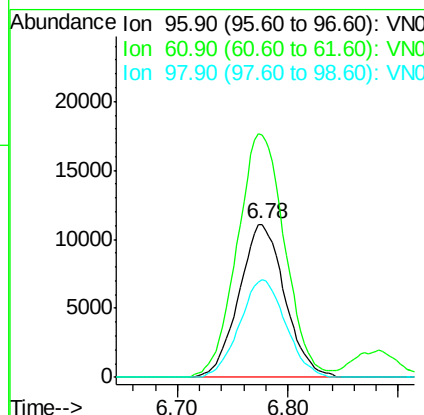
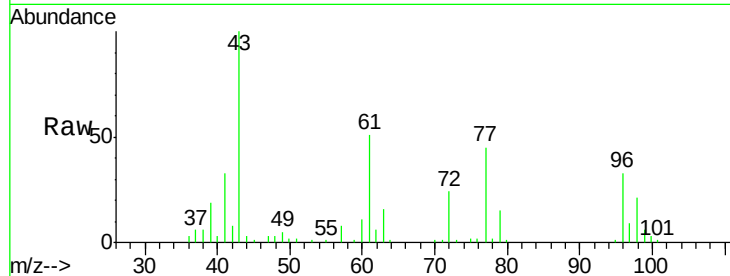
ClientSampled :

VN0505WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 31856 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 165.6 | 0.0   | 322.0 |
| 98       | 64.3  | 0.0   | 129.6 |

Manual Integrations  
APPROVED

MMDadoda  
5/6/2020 11:37:11 AM



#28

Bromochloromethane

Concen: 20.398 ug/l

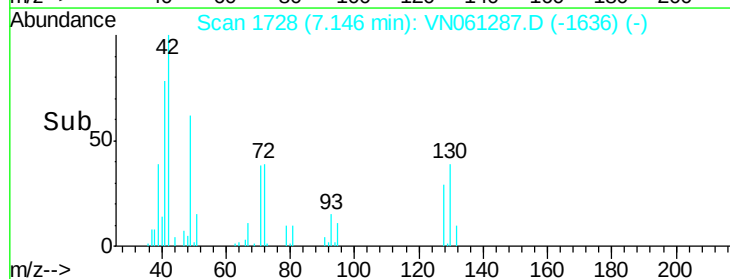
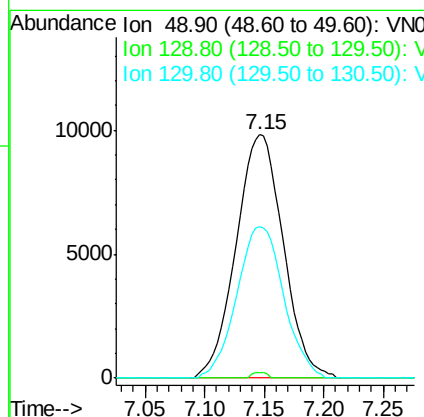
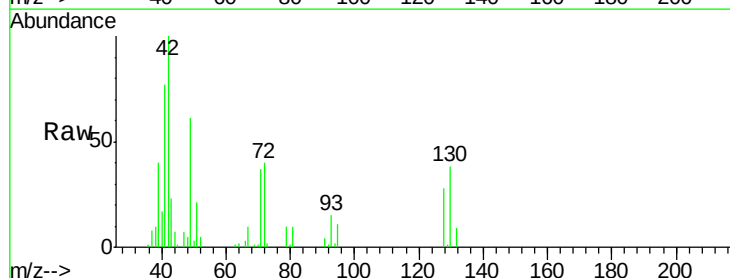
RT: 7.15 min Scan# 1728

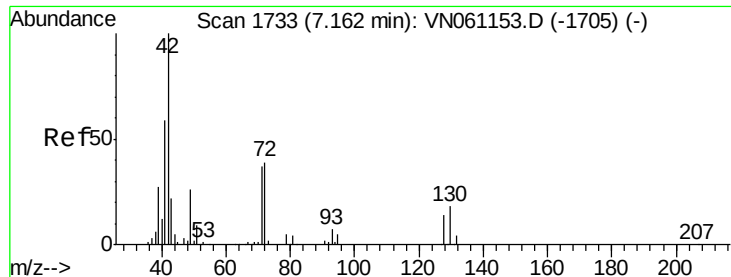
Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 26998 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.7   | 0.0   | 3.0   |
| 130      | 61.7  | 51.4  | 77.2  |





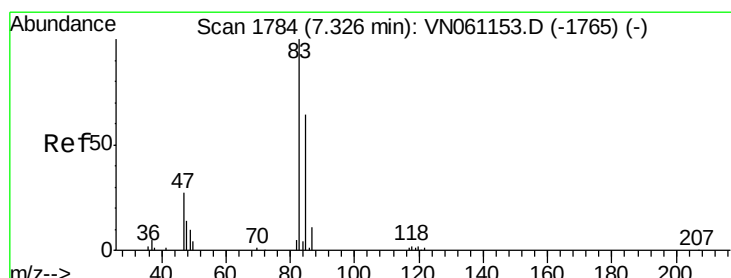
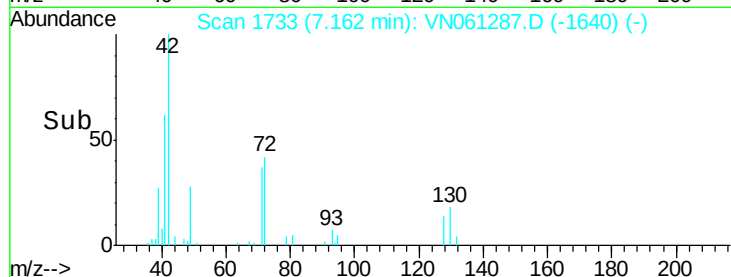
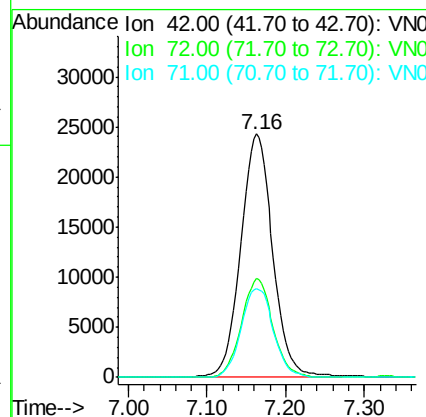
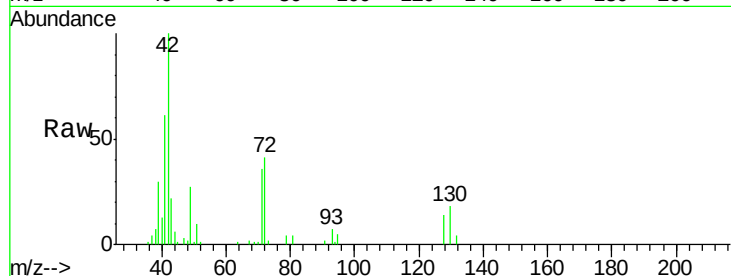
#29  
Tetrahydrofuran  
Concen: 93.370 ug/l  
RT: 7.16 min Scan# 1733  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 39.6  | 31.4  | 47.0  |
| 71      | 36.6  | 29.5  | 44.3  |

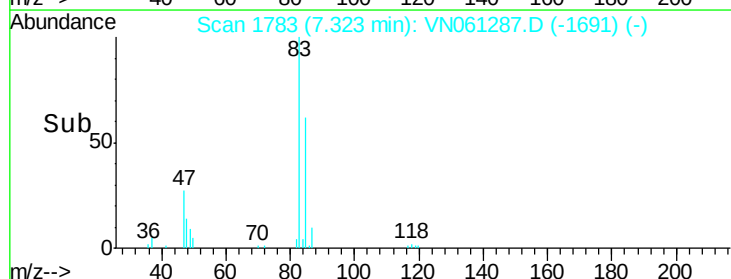
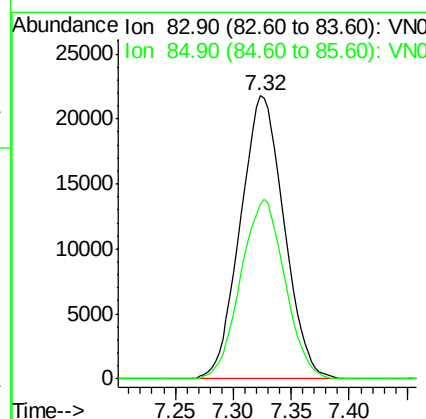
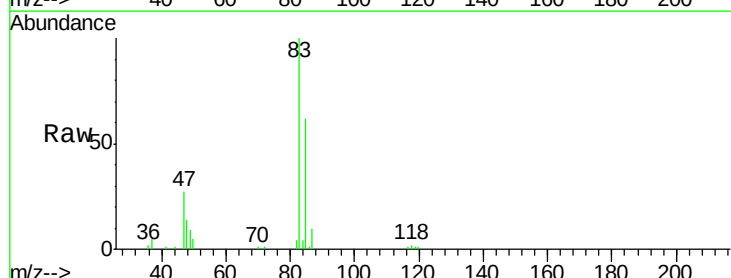
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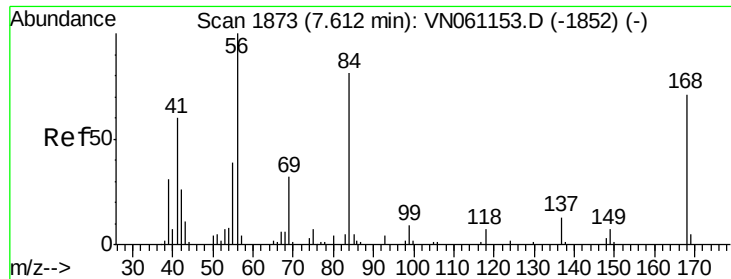
MMDadoda  
5/6/2020 11:37:11 AM



#30  
Chloroform  
Concen: 20.143 ug/l  
RT: 7.32 min Scan# 1783  
Delta R.T. -0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 61.6  | 51.1  | 76.7  |





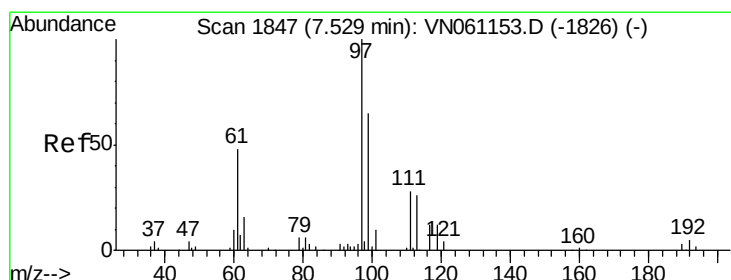
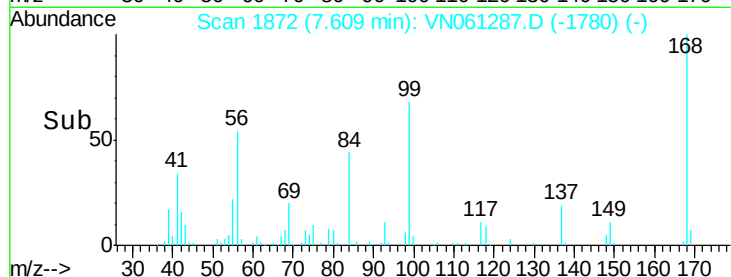
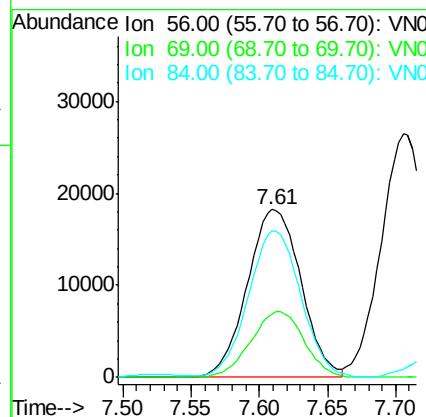
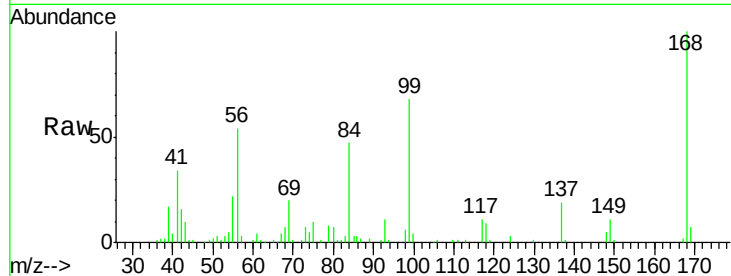
#31  
Cyclohexane  
Concen: 18.404 ug/l  
RT: 7.61 min Scan# 1872  
Delta R.T. -0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 37.7  | 25.7  | 38.5  |
| 84      | 86.4  | 64.6  | 97.0  |

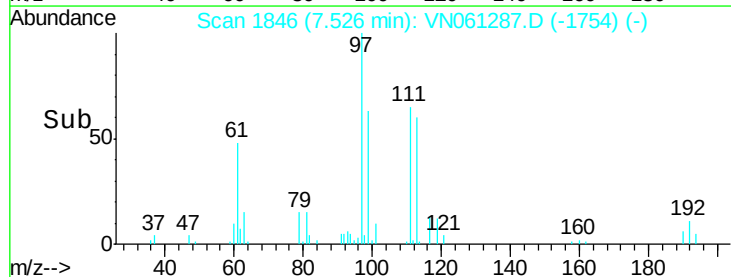
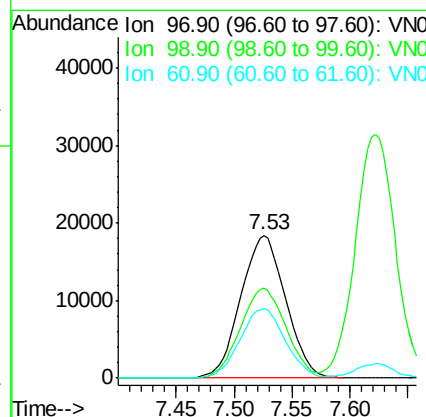
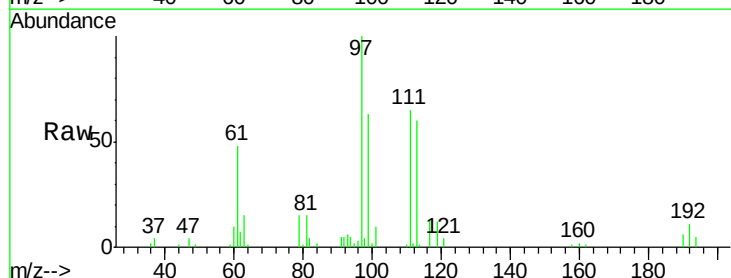
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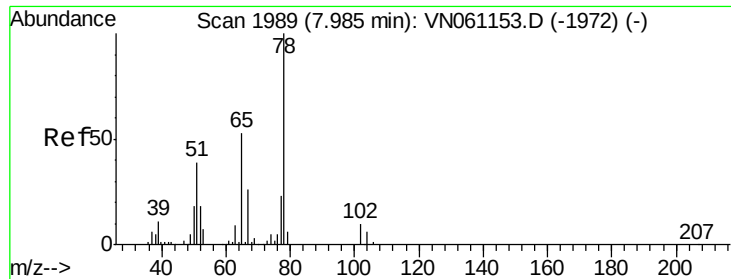
MMDadoda  
5/6/2020 11:37:11 AM



#32  
1,1,1-Trichloroethane  
Concen: 20.104 ug/l  
RT: 7.53 min Scan# 1846  
Delta R.T. -0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.4  | 51.3  | 76.9  |
| 61      | 49.0  | 38.6  | 57.8  |





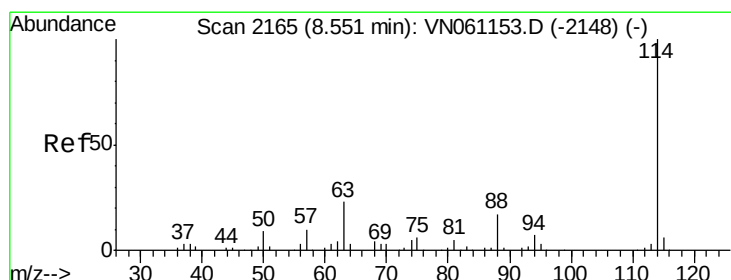
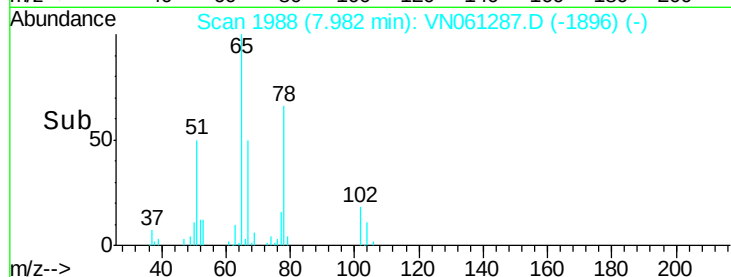
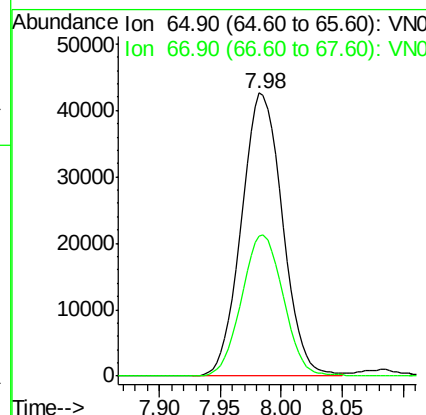
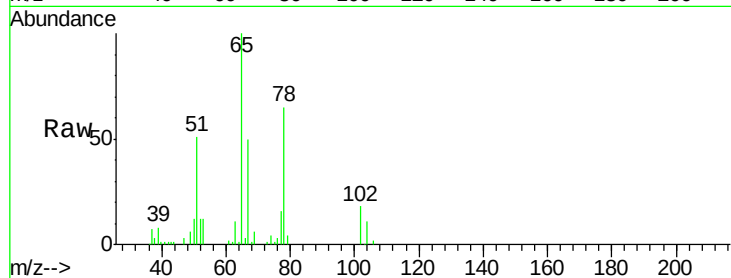
#33  
 1,2-Dichloroethane-d4  
 Concen: 53.400 ug/l  
 RT: 7.98 min Scan# 1988  
 Delta R.T. -0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 50.5  | 0.0   | 101.6 |

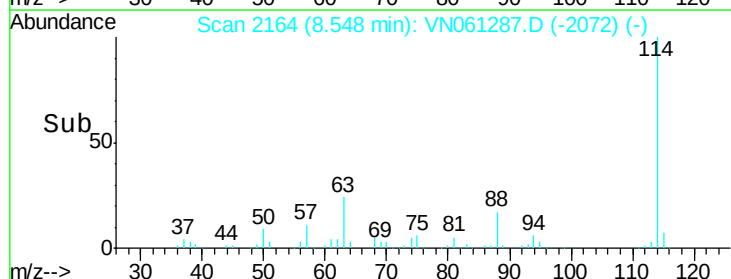
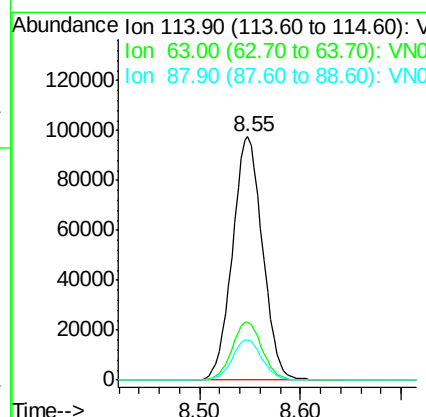
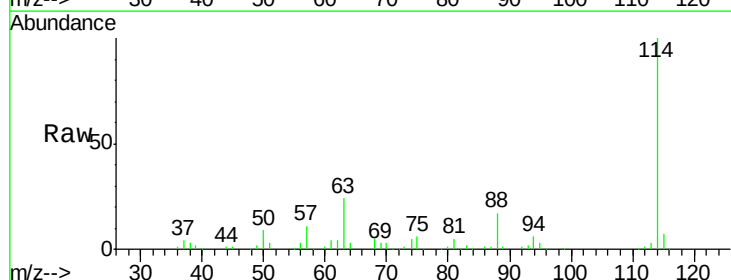
Manual Integrations  
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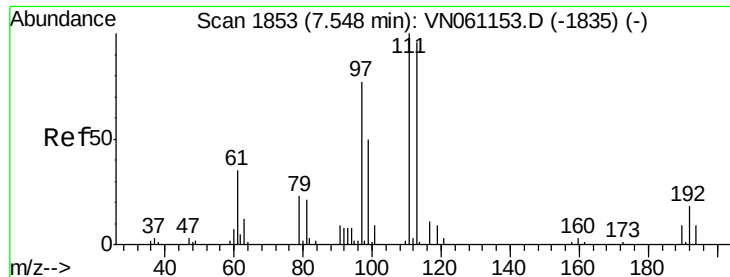
MMDadoda  
 5/6/2020 11:37:11 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2164  
 Delta R.T. -0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 23.9  | 0.0   | 46.6  |
| 88      | 16.6  | 0.0   | 33.4  |





#35

Dibromofluoromethane

Concen: 49.182 ug/l

RT: 7.54 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

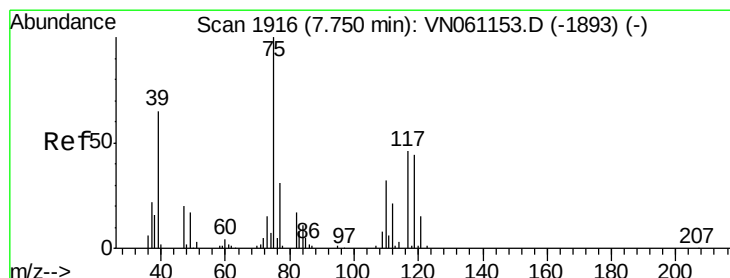
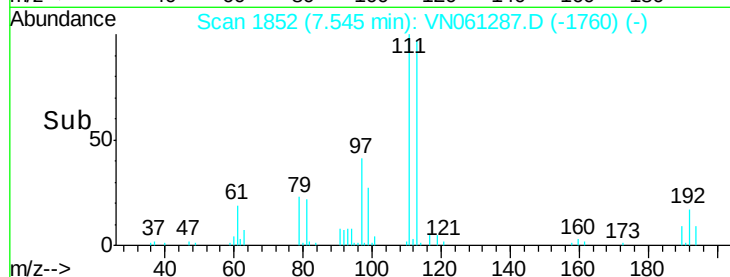
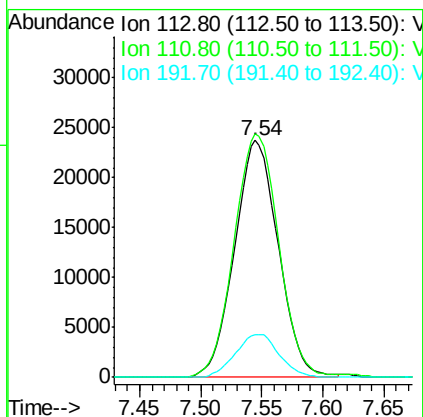
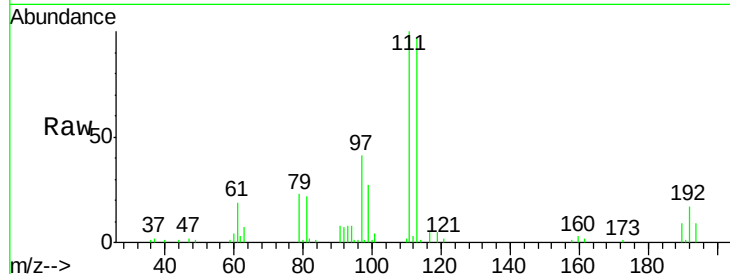
ClientSampleId :

VN0505WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 58860 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 105.6 | 82.9  | 124.3 |
| 192      | 18.2  | 14.7  | 22.1  |

Manual Integrations  
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MMDadoda  
5/6/2020 11:37:11 AM



#36

1,1-Dichloropropene

Concen: 20.613 ug/l

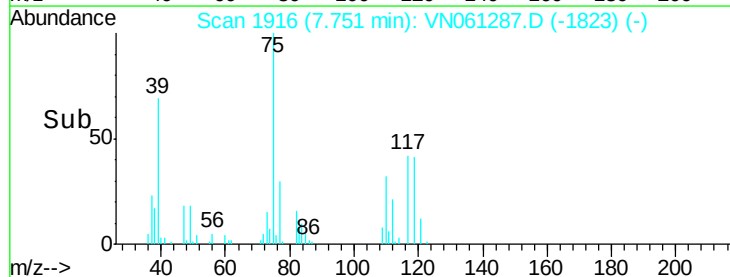
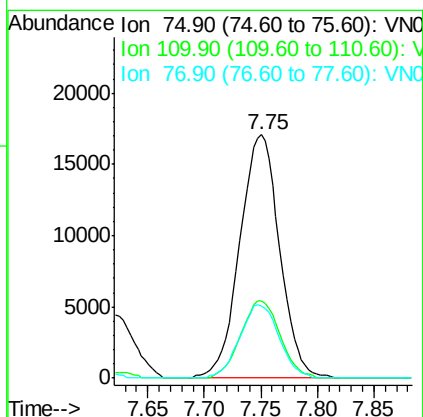
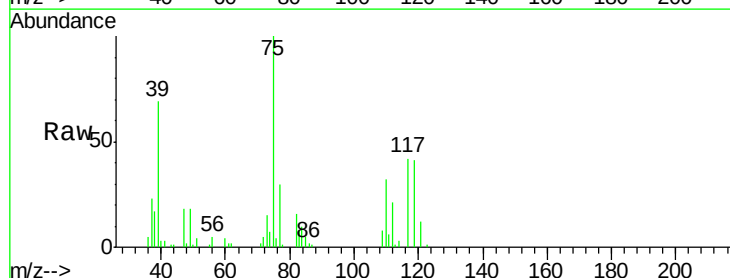
RT: 7.75 min Scan# 1916

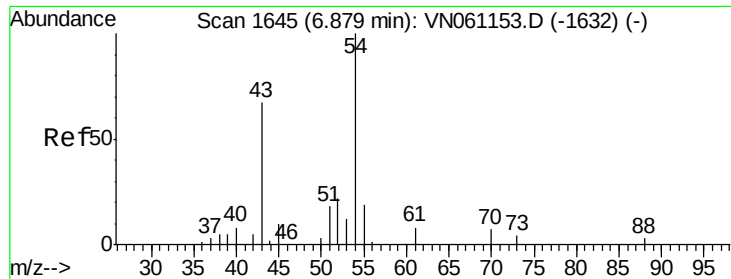
Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 41762 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 31.6  | 16.0  | 48.0  |
| 77       | 29.9  | 24.6  | 37.0  |





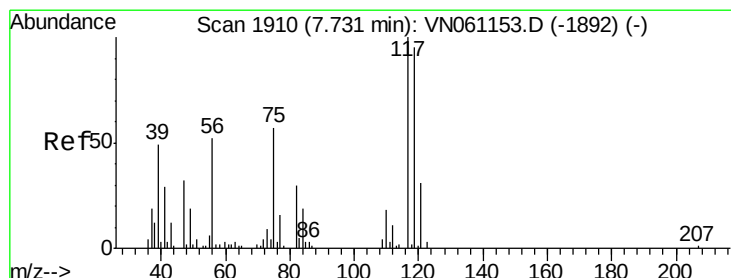
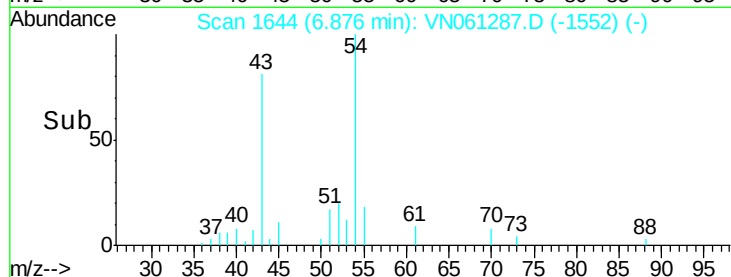
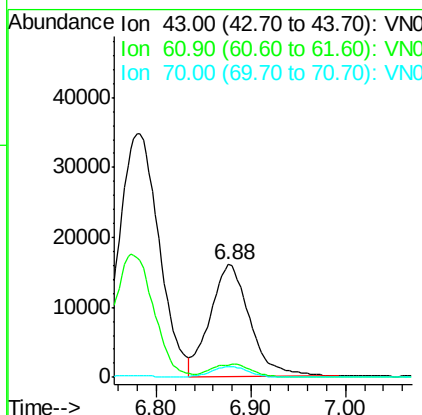
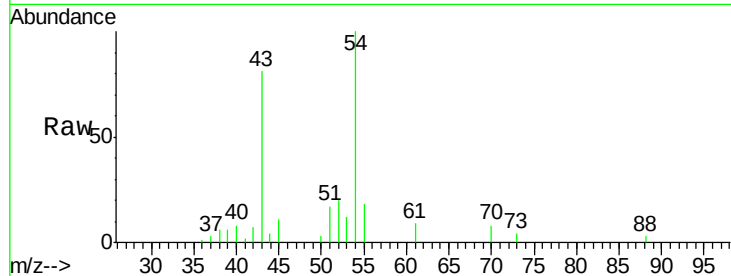
#37  
Ethyl Acetate  
Concen: 19.479 ug/l  
RT: 6.88 min Scan# 1644  
Delta R.T. -0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 12.1  | 10.2  | 15.2  |
| 70      | 8.8   | 7.2   | 10.8  |

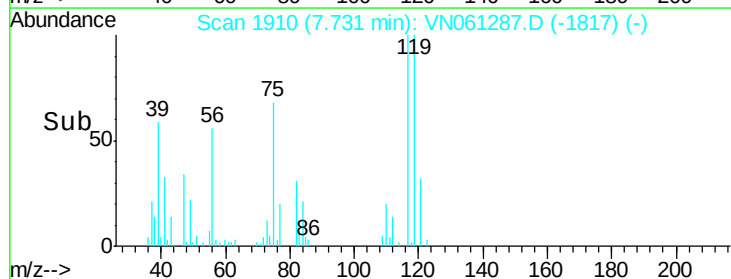
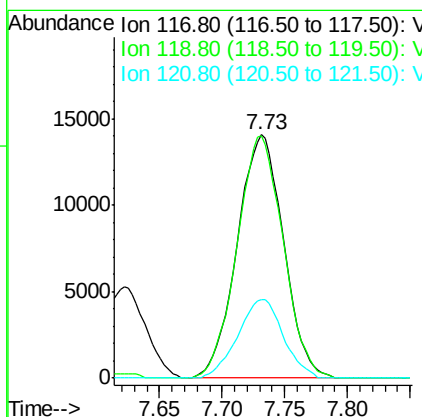
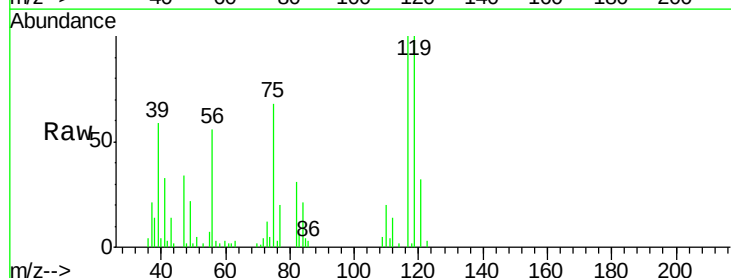
Manual Integrations  
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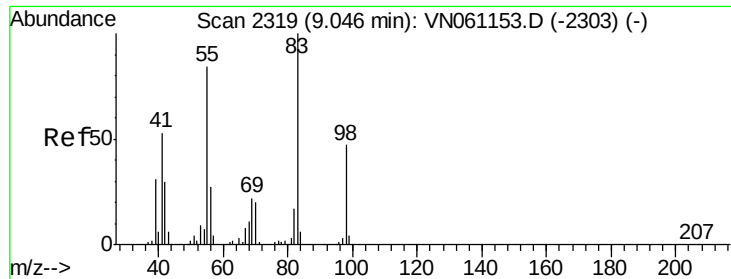
MMDadoda  
5/6/2020 11:37:11 AM



#38  
Carbon Tetrachloride  
Concen: 20.912 ug/l  
RT: 7.73 min Scan# 1910  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 99.5  | 75.8  | 113.6 |
| 121     | 32.3  | 24.7  | 37.1  |





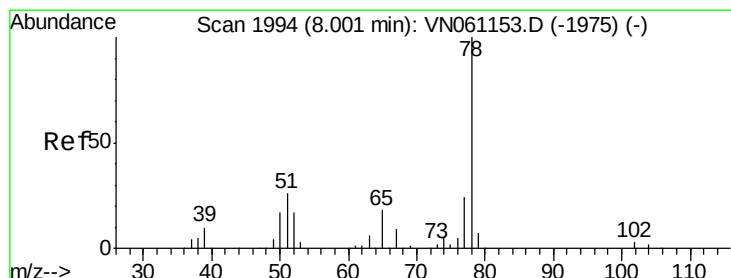
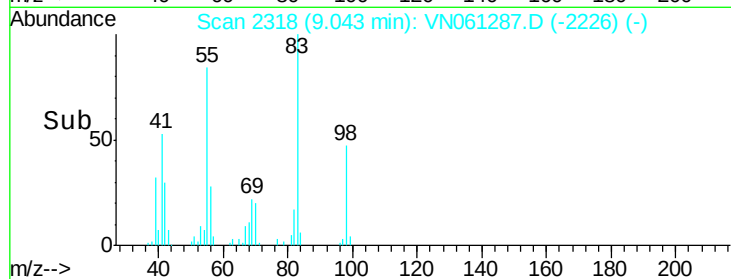
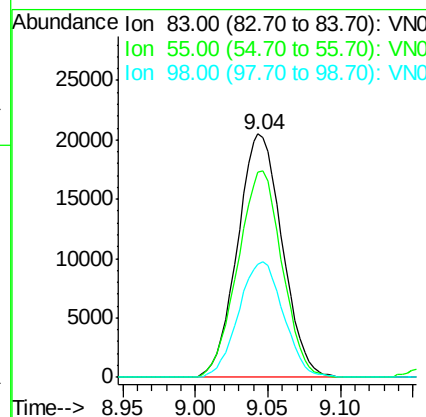
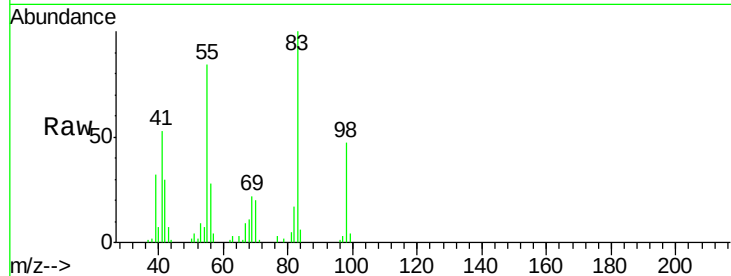
#39  
Methylvlcyclohexane  
Concen: 19.289 ug/l  
RT: 9.04 min Scan# 2318  
Delta R.T. -0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0505WBS01

| Tot Ion | 83    | Resp  | 43827 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 83      | 100   |       |       |
| 55      | 84.1  | 67.3  | 100.9 |
| 98      | 46.6  | 37.7  | 56.5  |

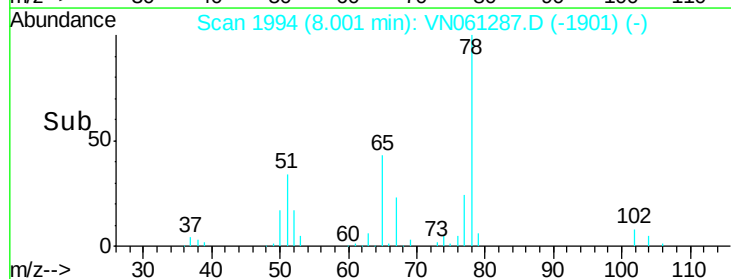
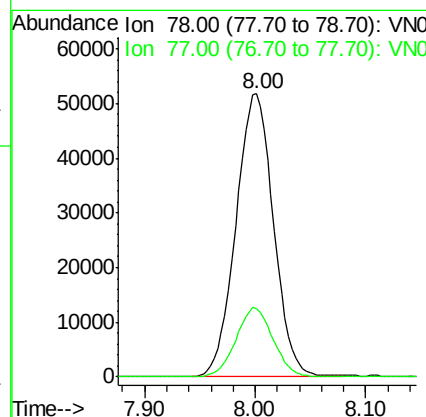
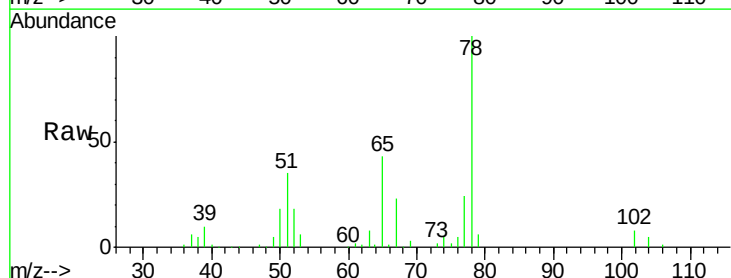
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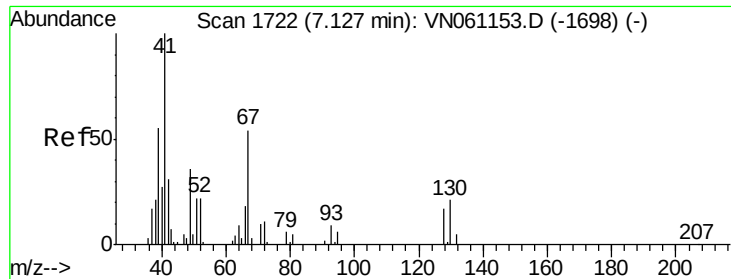


#40  
Benzene  
Concen: 20.234 ug/l  
RT: 8.00 min Scan# 1994  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

| Tgt Ion | 78    | Resp  | 122132 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 78      | 100   |       |        |
| 77      | 24.3  | 19.0  | 28.6   |







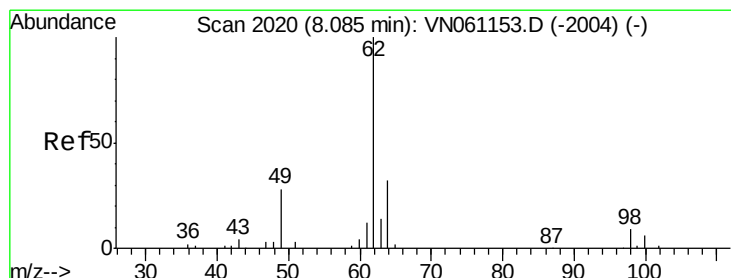
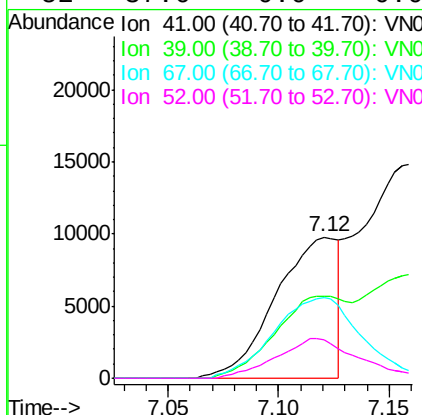
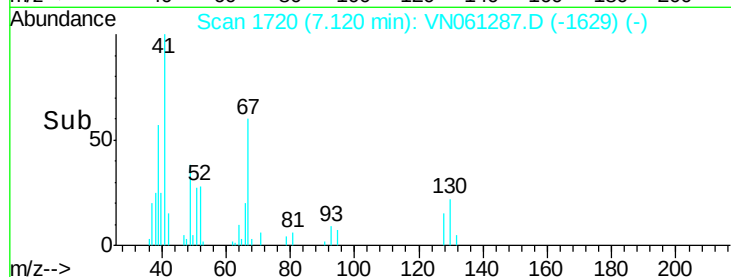
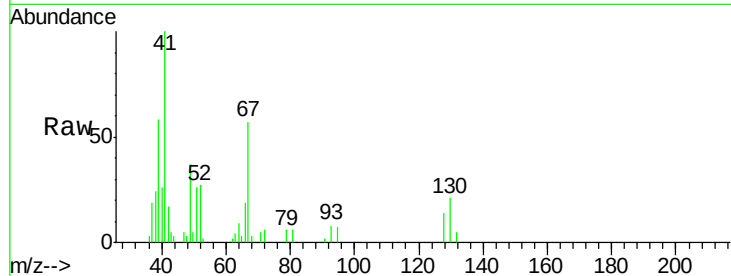
#41  
Methacrylonitrile  
Concen: 19.422 ug/l  
RT: 7.12 min Scan# 1720  
Delta R.T. -0.01 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0505WBS01

| Tot Ion   | 41    | Resp  | 19153 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 68.9  | 0.0   | 0.0#  |
| 67        | 81.2  | 0.0   | 0.0#  |
| 52        | 37.6  | 0.0   | 0.0#  |

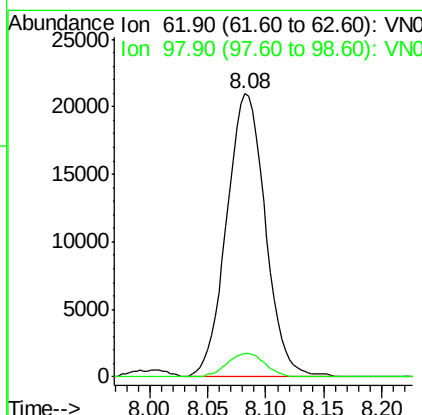
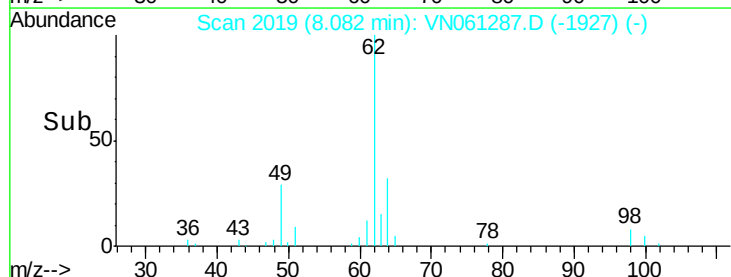
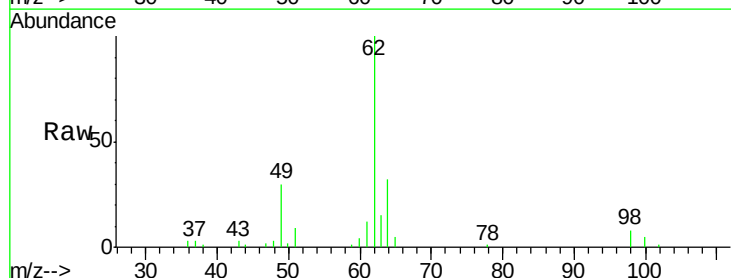
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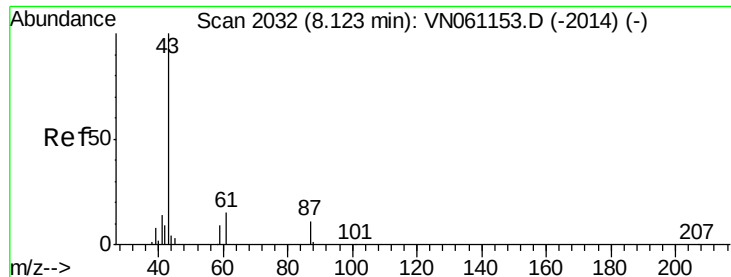
MMDadoda  
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#42  
1,2-Dichloroethane  
Concen: 21.253 ug/l  
RT: 8.08 min Scan# 2019  
Delta R.T. -0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

| Tgt Ion   | 62    | Resp  | 48599 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 8.1   | 0.0   | 16.8  |





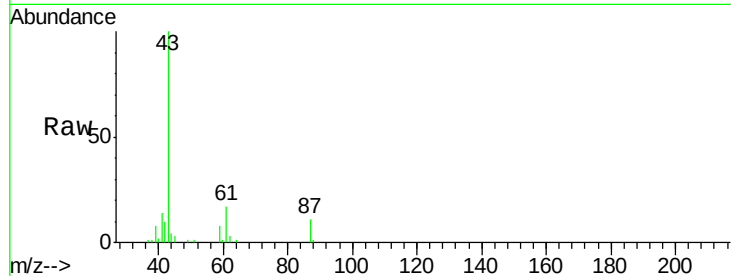
#43  
Isopropyl Acetate  
Concen: 19.860 ug/l  
RT: 8.12 min Scan# 2032  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBS01

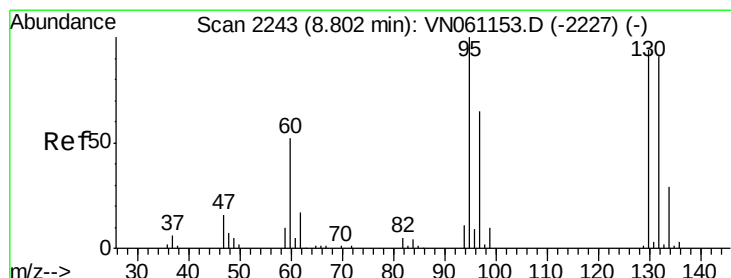
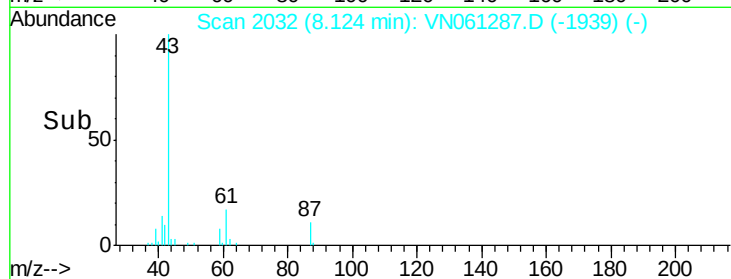
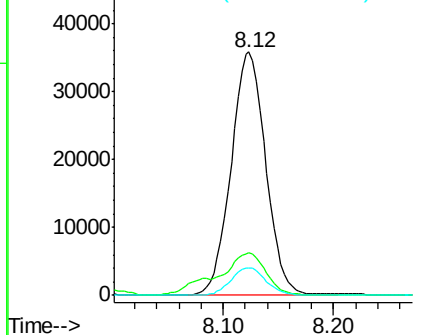
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 24.2  | 19.5  | 29.3  |
| 87      | 11.2  | 8.9   | 13.3  |

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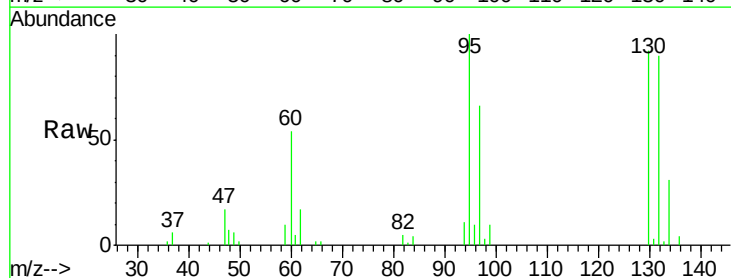


Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)  
Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)  
Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)

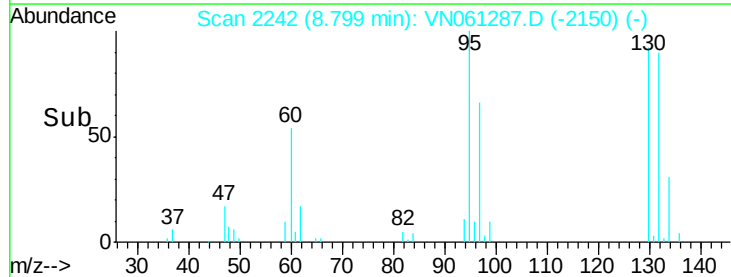
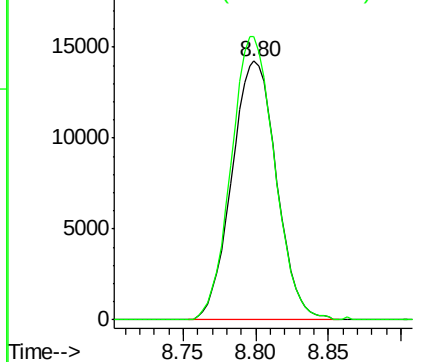


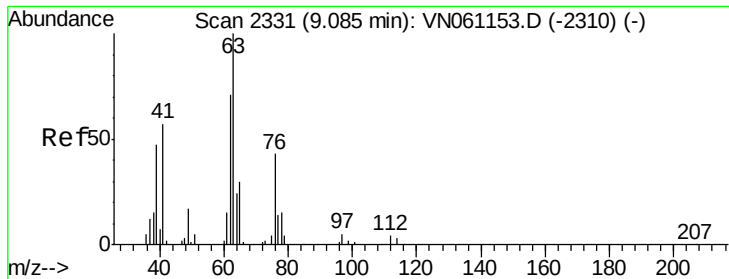
#44  
Trichloroethene  
Concen: 18.700 ug/l  
RT: 8.80 min Scan# 2242  
Delta R.T. -0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 109.3 | 0.0   | 212.4 |



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)  
Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)





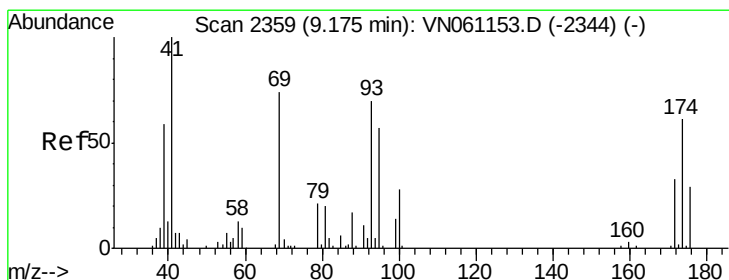
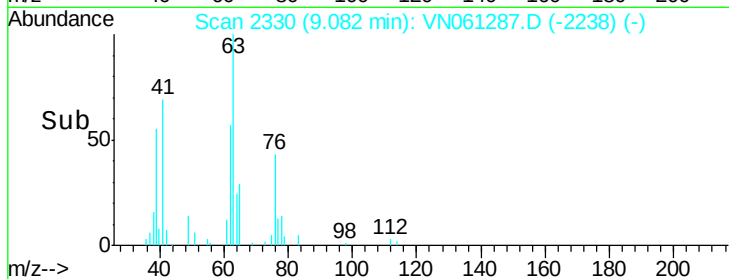
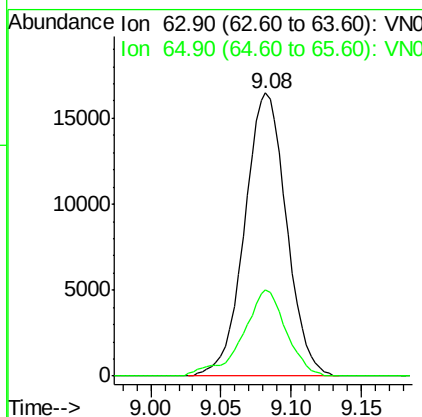
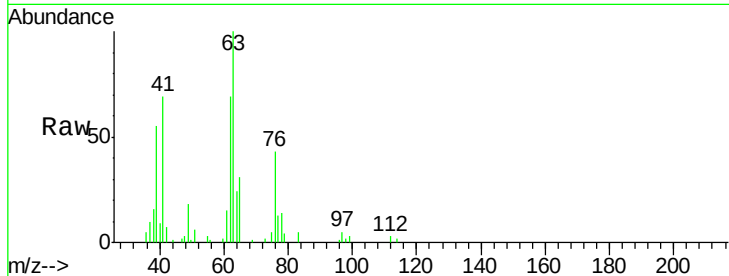
#45  
 1,2-Dichloropropane  
 Concen: 21.175 ug/l  
 RT: 9.08 min Scan# 2330  
 Delta R.T. -0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505WBS01

Tot Ion: 63 Resp: 34146  
 Ion Ratio Lower Upper  
 63 100  
 65 30.7 24.7 37.1

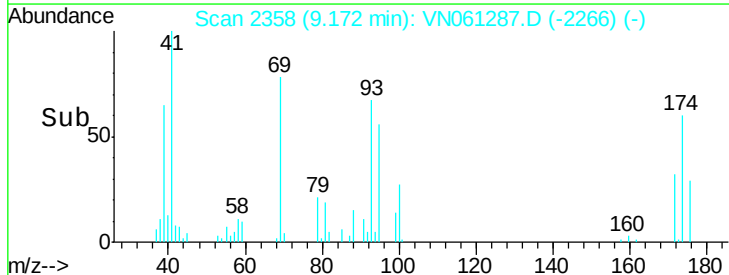
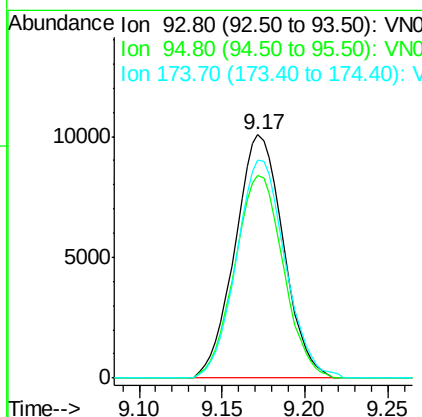
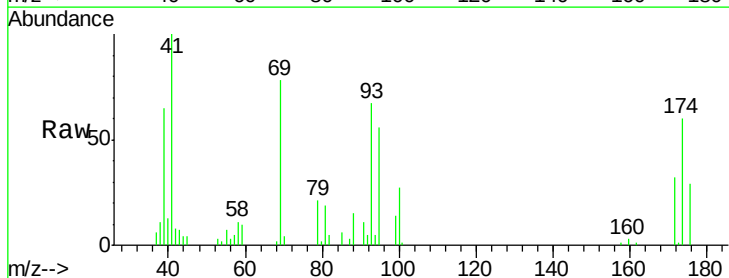
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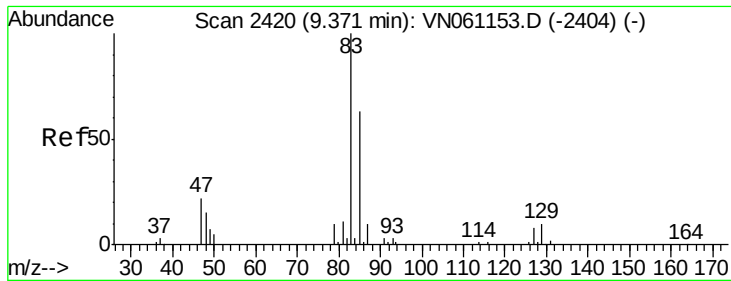
MMDadoda  
 5/6/2020 11:37:11 AM



#46  
 Dibromomethane  
 Concen: 20.492 ug/l  
 RT: 9.17 min Scan# 2358  
 Delta R.T. -0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

Tgt Ion: 93 Resp: 20460  
 Ion Ratio Lower Upper  
 93 100  
 95 83.4 66.6 99.8  
 174 90.4 70.2 105.2





#47

Bromodichloromethane

Concen: 20.858 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

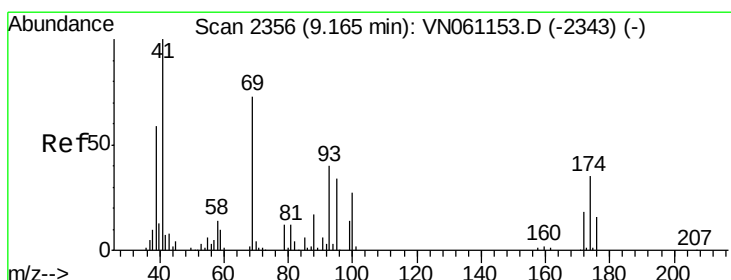
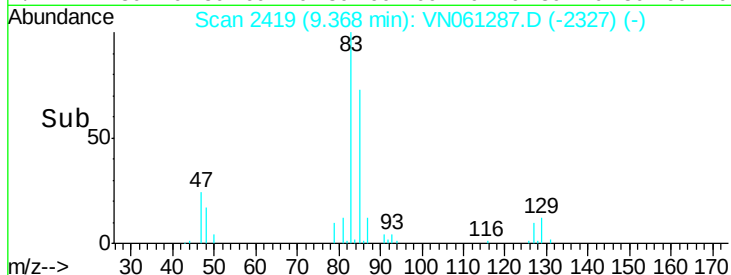
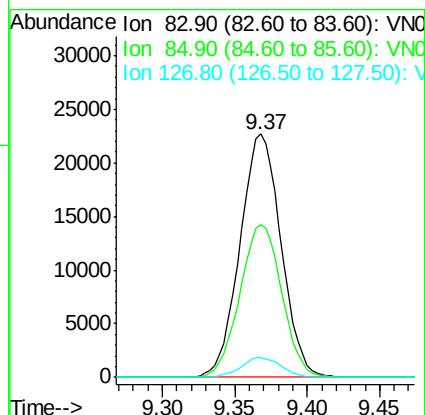
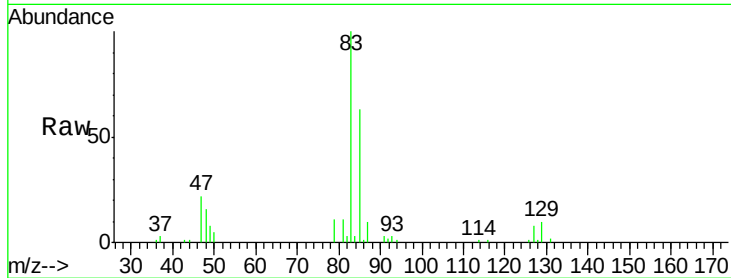
ClientSampleId :

VN0505WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 44701 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 62.9  | 50.4  | 75.6  |
| 127      | 8.3   | 6.2   | 9.2   |

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#48

Methyl methacrylate

Concen: 19.438 ug/l

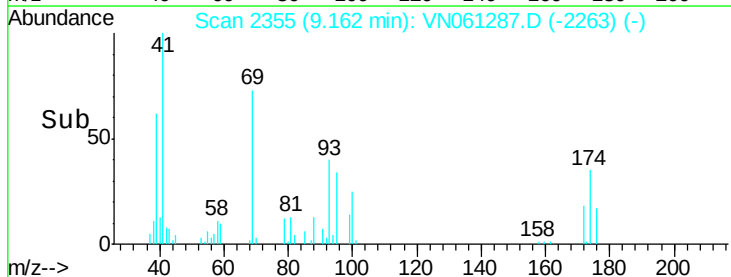
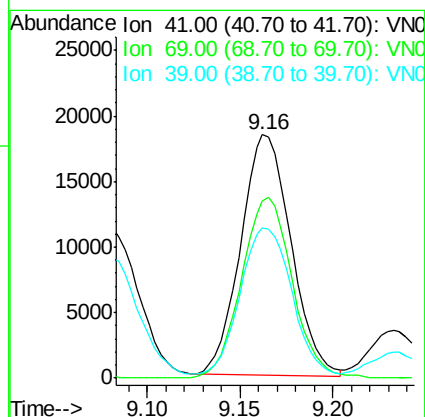
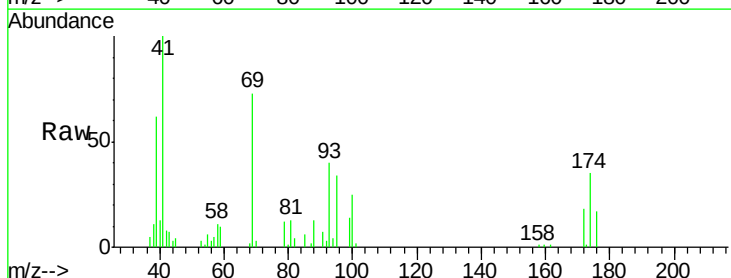
RT: 9.16 min Scan# 2355

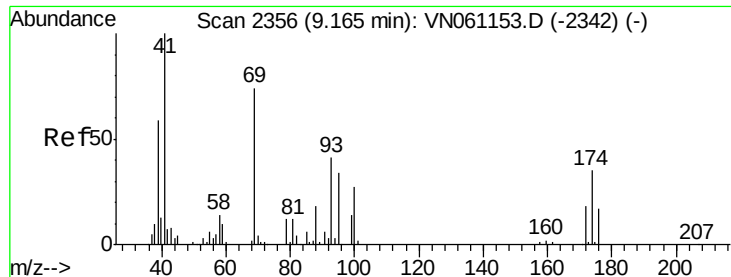
Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 34576 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 75.7  | 60.3  | 90.5  |
| 39       | 65.3  | 47.4  | 71.0  |





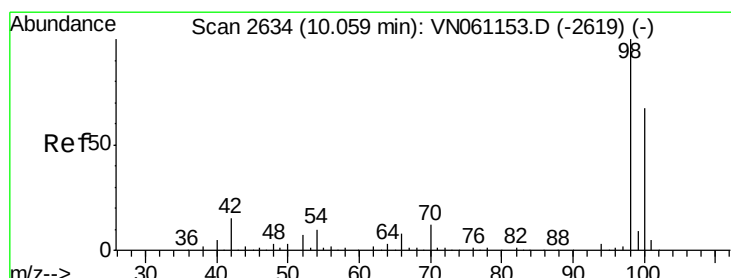
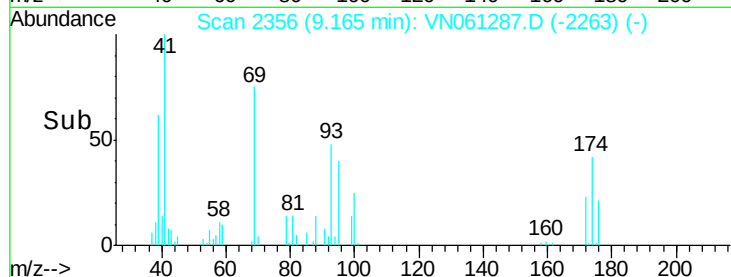
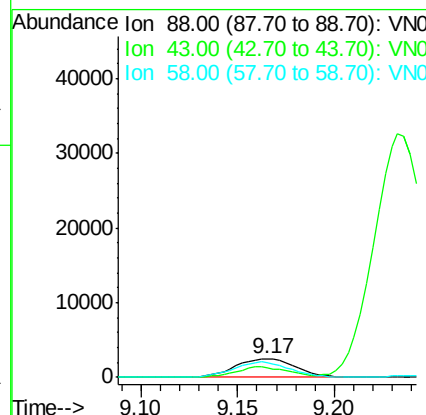
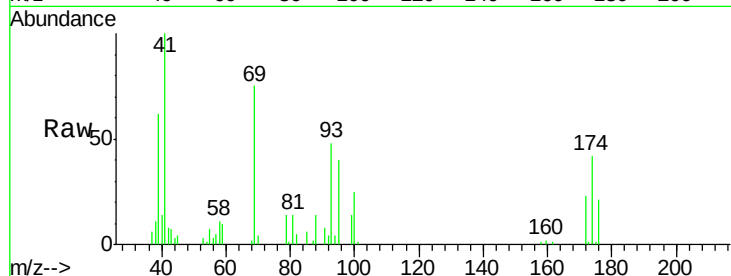
#49  
1,4-Dioxane  
Concen: 267.145 ug/l  
RT: 9.17 min Scan# 2356  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 48.4  | 35.3  | 52.9  |
| 58      | 76.8  | 61.5  | 92.3  |

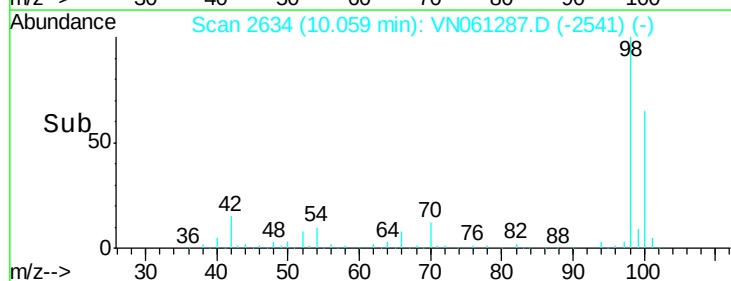
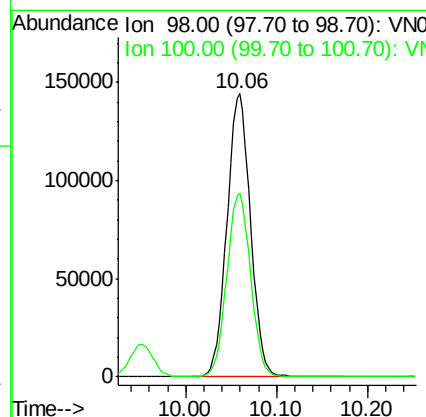
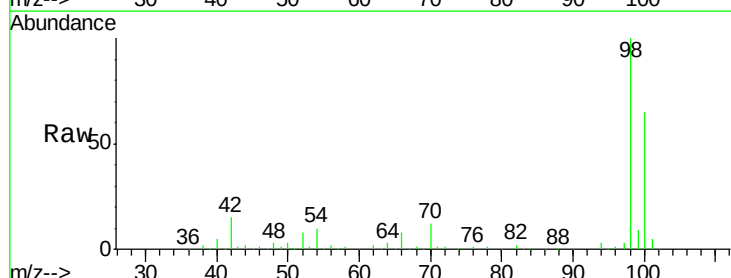
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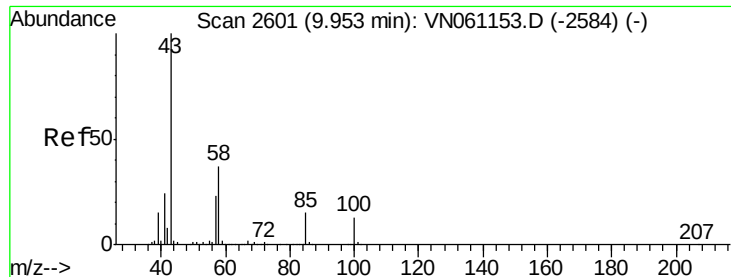
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#50  
Toluene-d8  
Concen: 53.217 ug/l  
RT: 10.06 min Scan# 2634  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.6  | 53.4  | 80.0  |





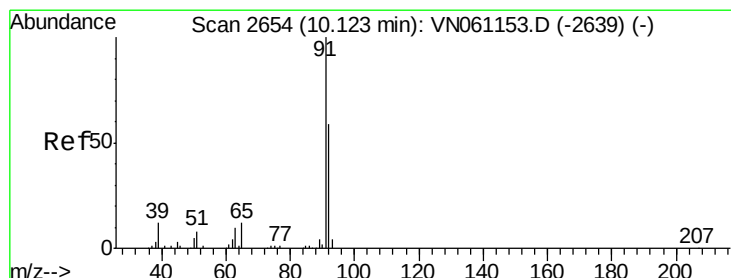
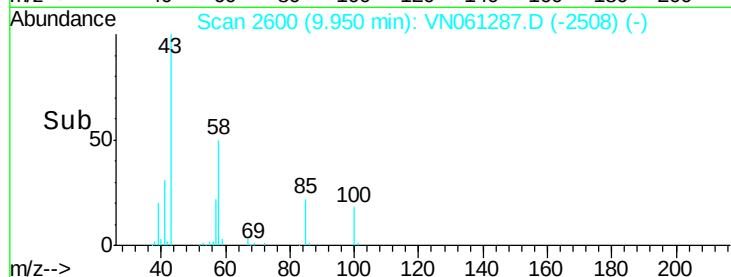
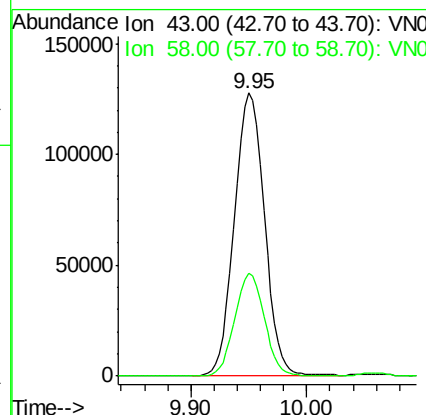
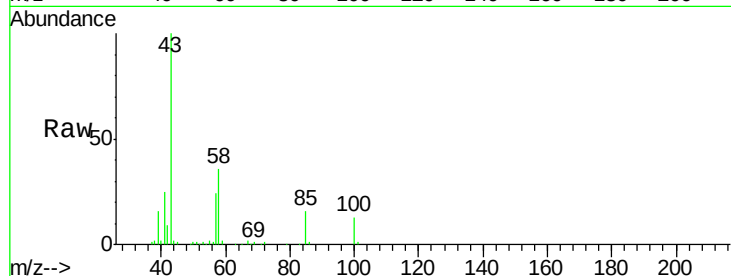
#51  
4-Methyl-2-Pentanone  
Concen: 99.238 ug/l  
RT: 9.95 min Scan# 2600  
Delta R.T. -0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 35.9  | 29.1  | 43.7  |

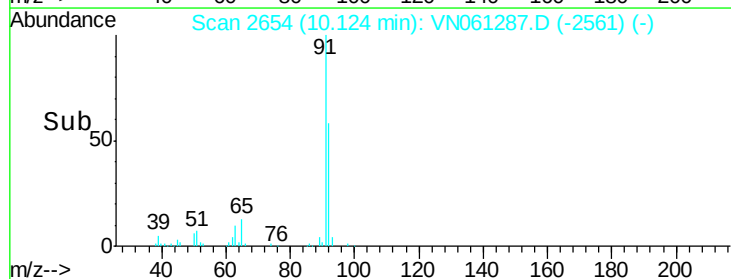
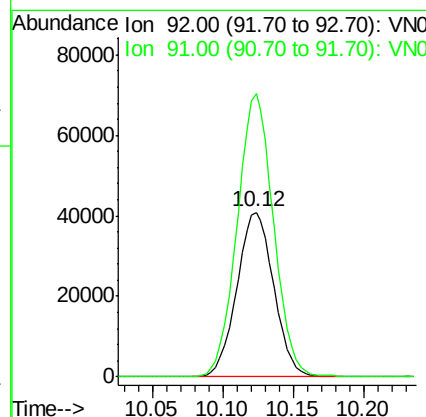
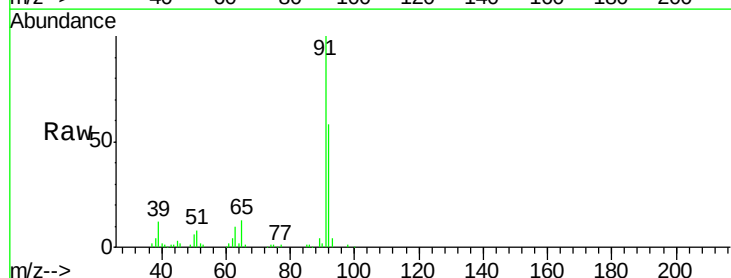
Manual Integrations  
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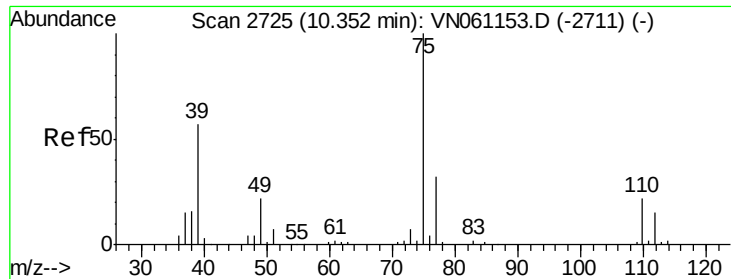
MMDadoda  
5/6/2020 11:37:11 AM



#52  
Toluene  
Concen: 20.564 ug/l  
RT: 10.12 min Scan# 2654  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 169.9 | 136.2 | 204.2 |





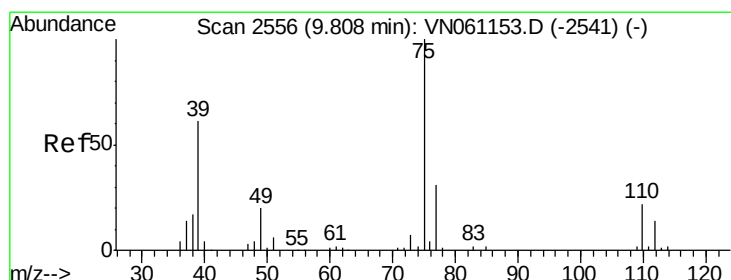
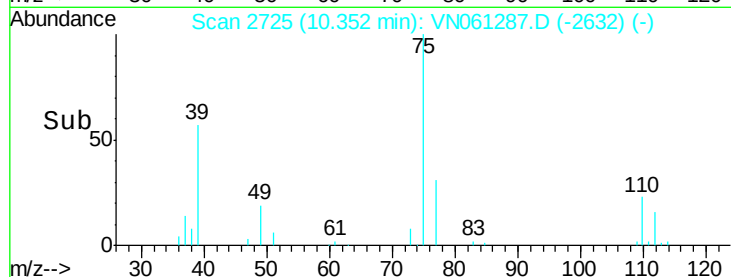
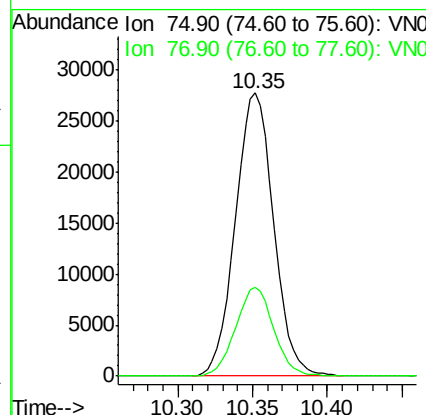
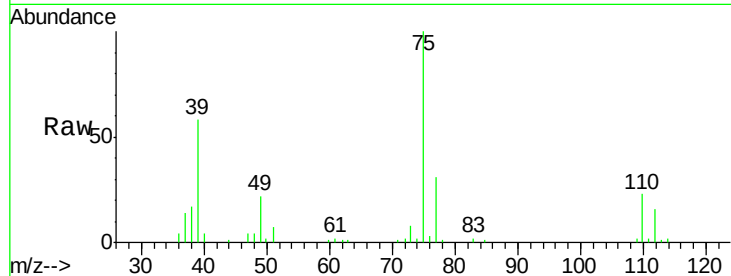
#53  
t-1,3-Dichloropropene  
Concen: 20.478 ug/l  
RT: 10.35 min Scan# 2725  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0505WBS01

| Tot Ion | 75    | Resp  | 49451 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 75      | 100   |       |       |
| 77      | 31.4  | 25.5  | 38.3  |

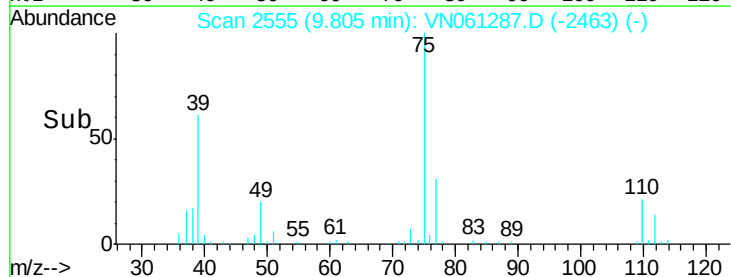
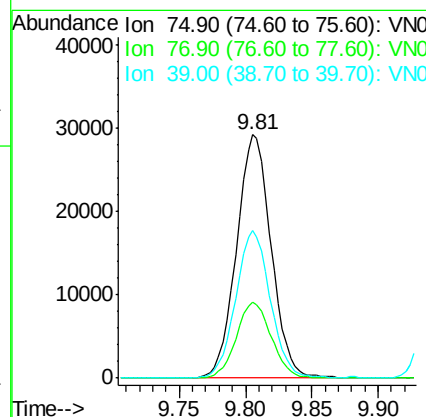
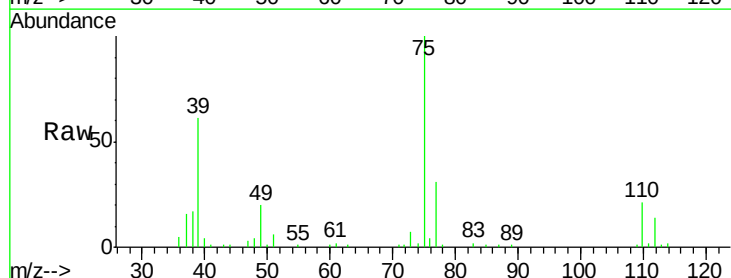
Manual Integrations  
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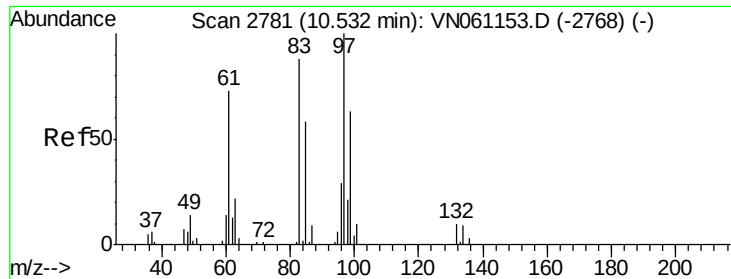
MMDadoda  
5/6/2020 11:37:11 AM



#54  
cis-1,3-Dichloropropene  
Concen: 20.700 ug/l  
RT: 9.81 min Scan# 2555  
Delta R.T. -0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

| Tgt Ion | 75    | Resp  | 52845 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 75      | 100   |       |       |
| 77      | 31.0  | 25.0  | 37.4  |
| 39      | 60.6  | 48.7  | 73.1  |





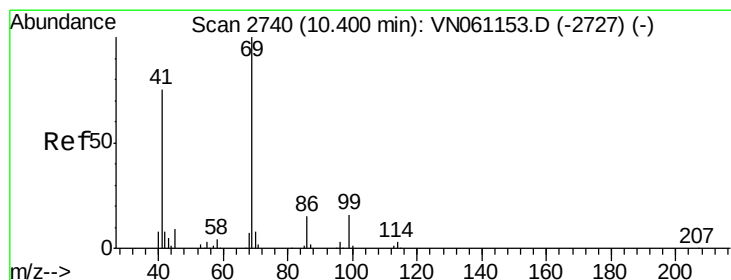
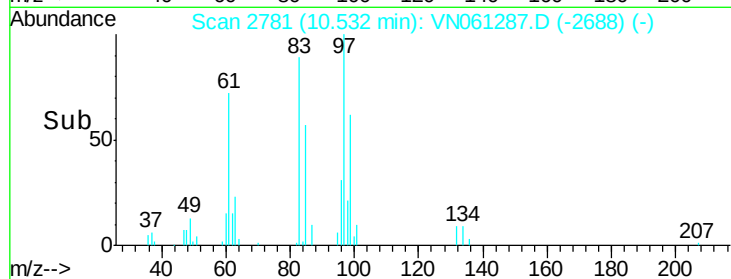
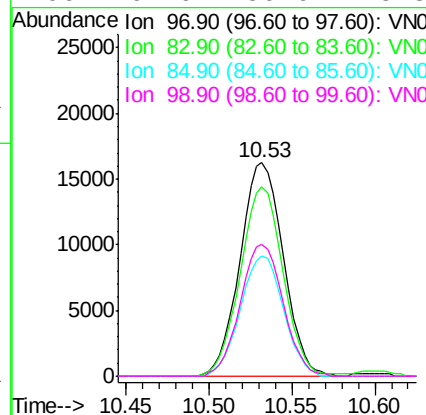
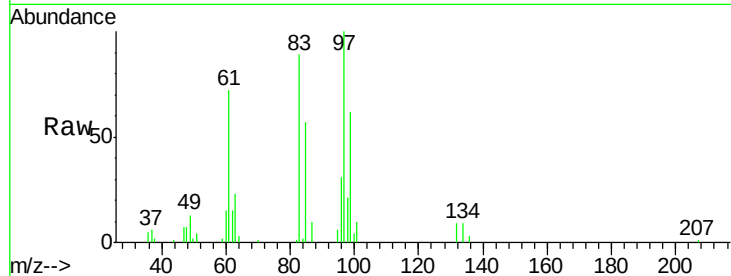
#55  
 1,1,2-Trichloroethane  
 Concen: 20.356 ug/l  
 RT: 10.53 min Scan# 2781  
 Delta R.T. 0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0505WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 29520 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.9  | 70.6  | 106.0 |
| 85       | 56.6  | 46.4  | 69.6  |
| 99       | 61.9  | 50.6  | 75.8  |

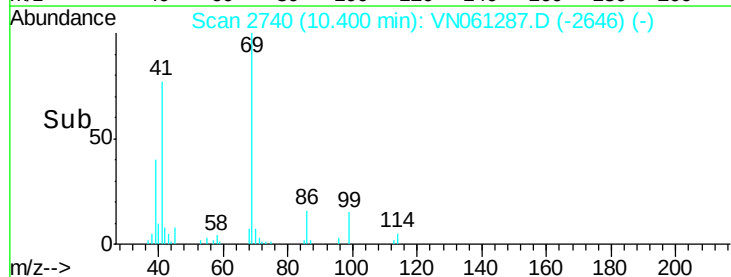
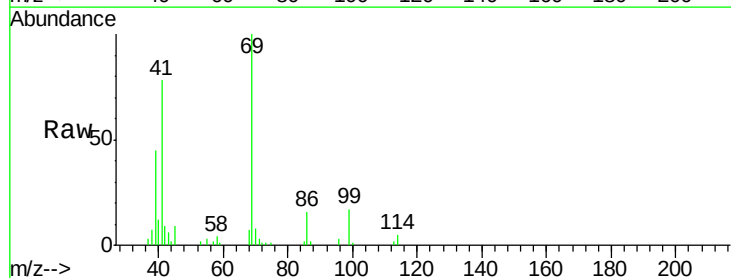
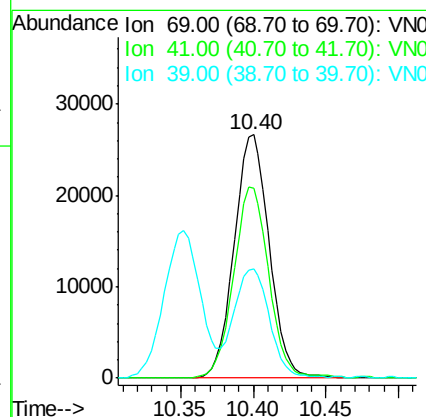
Manual Integrations  
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 5/6/2020 11:37:11 AM

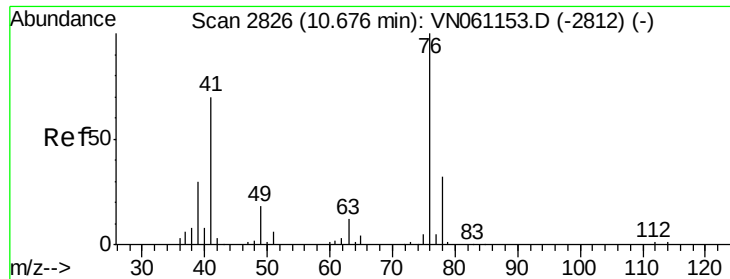


#56  
 Ethyl methacrylate  
 Concen: 19.447 ug/l  
 RT: 10.40 min Scan# 2740  
 Delta R.T. 0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 44690 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 78.7  | 60.3  | 90.5  |
| 39       | 45.3  | 35.9  | 53.9  |







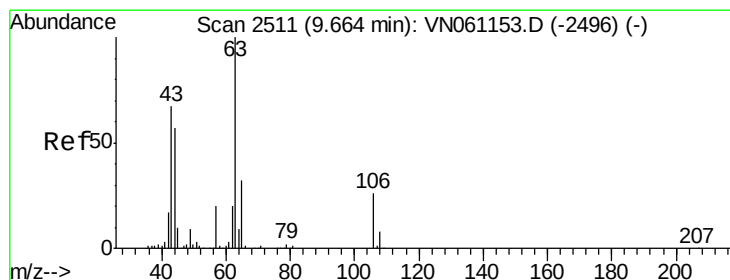
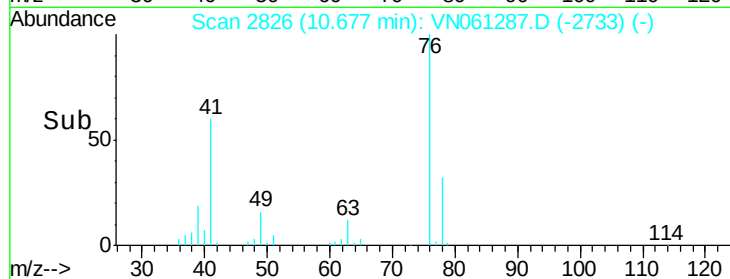
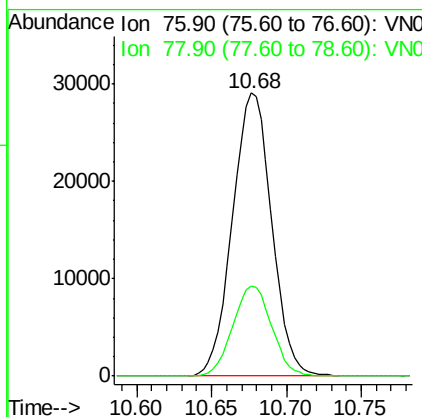
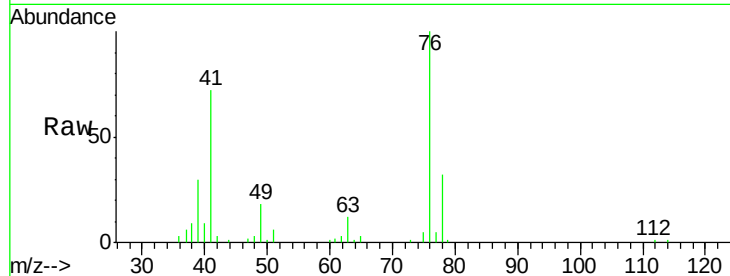
#57  
 1,3-Dichloropropane  
 Concen: 20.801 ug/l  
 RT: 10.68 min Scan# 2826  
 Delta R.T. 0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505WBS01

Tot Ion: 76 Resp: 53021  
 Ion Ratio Lower Upper  
 76 100  
 78 31.5 25.5 38.3

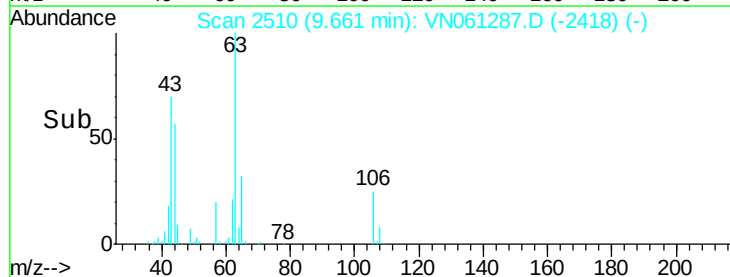
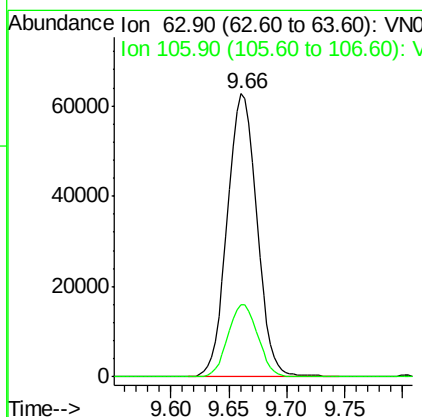
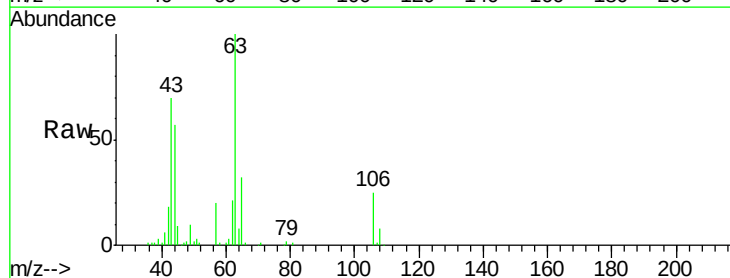
Manual Integrations  
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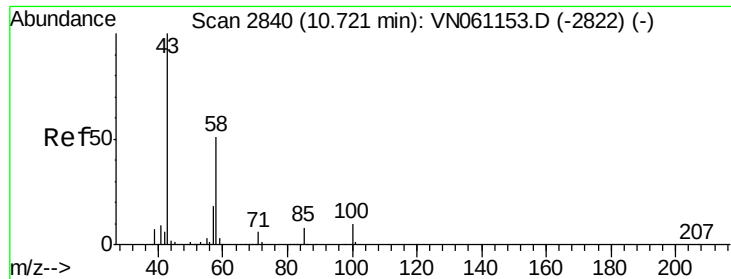
MMDadoda  
 5/6/2020 11:37:11 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 94.601 ug/l  
 RT: 9.66 min Scan# 2510  
 Delta R.T. -0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

Tgt Ion: 63 Resp: 111045  
 Ion Ratio Lower Upper  
 63 100  
 106 25.7 20.6 30.8





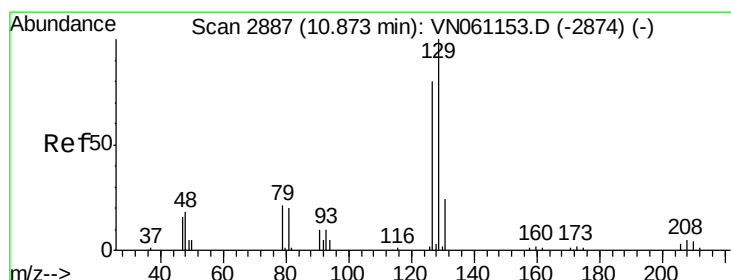
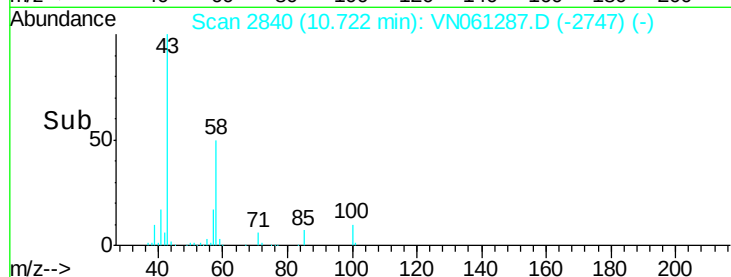
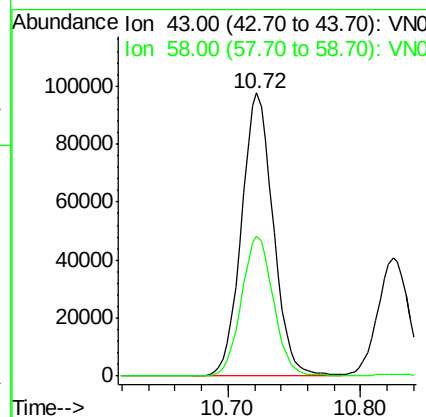
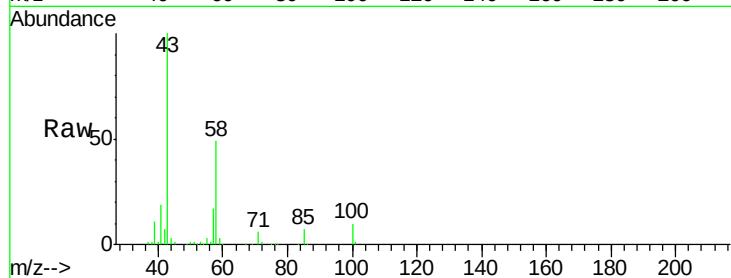
#59  
2-Hexanone  
Concen: 96.335 ug/l  
RT: 10.72 min Scan# 2840  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0505WBS01

Tot Ion: 43 Resp: 162615  
Ion Ratio Lower Upper  
43 100  
58 49.9 25.4 76.4

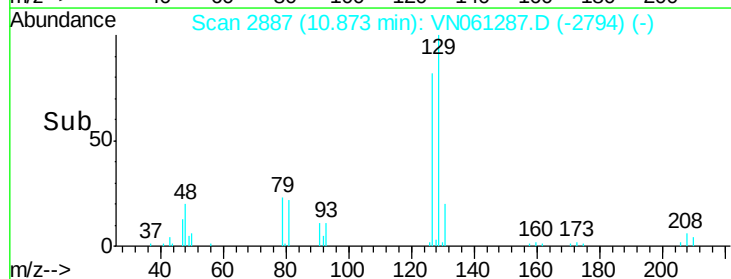
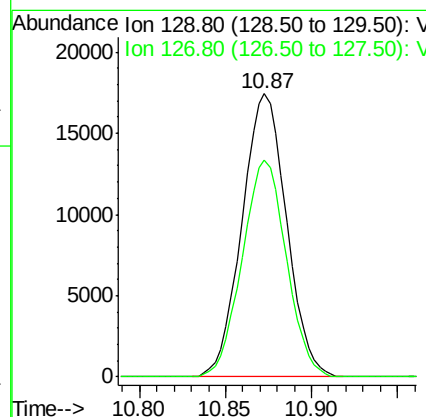
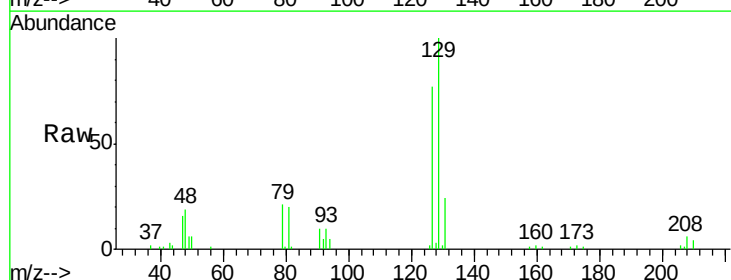
Manual Integrations  
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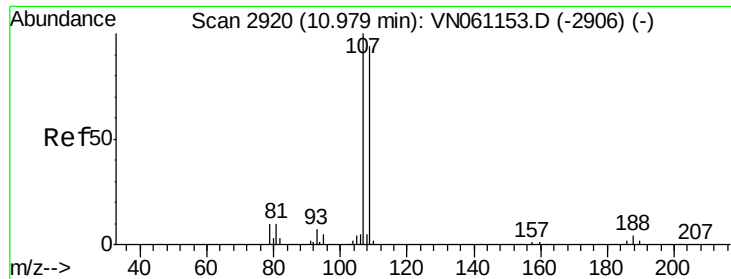
MMDadoda  
5/6/2020 11:37:11 AM



#60  
Dibromochloromethane  
Concen: 20.588 ug/l  
RT: 10.87 min Scan# 2887  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Tgt Ion: 129 Resp: 31269  
Ion Ratio Lower Upper  
129 100  
127 76.0 39.3 117.8





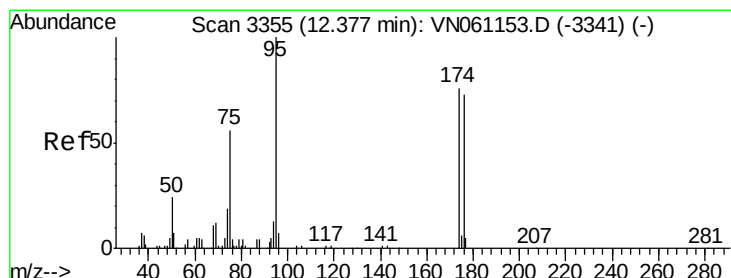
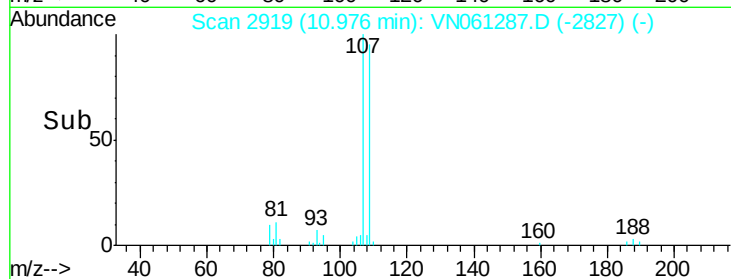
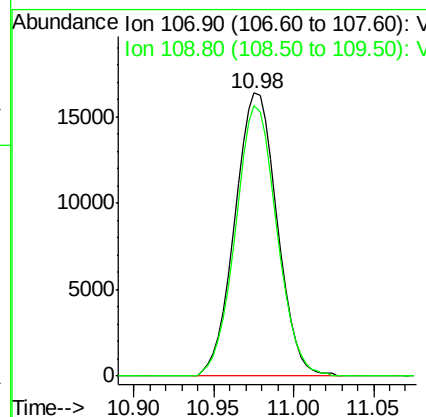
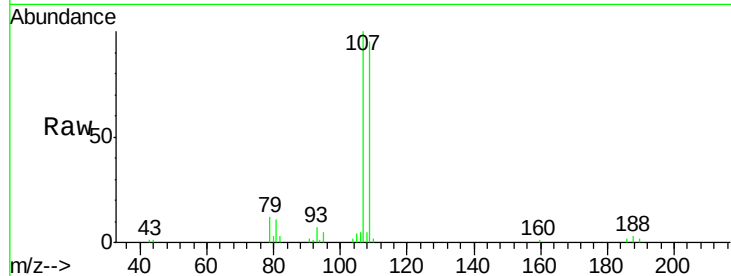
#61  
 1,2-Dibromoethane  
 Concen: 20.249 ug/l  
 RT: 10.98 min Scan# 2919  
 Delta R.T. -0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.6  | 74.8  | 112.2 |

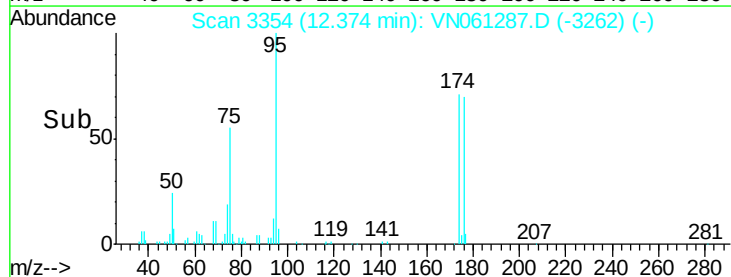
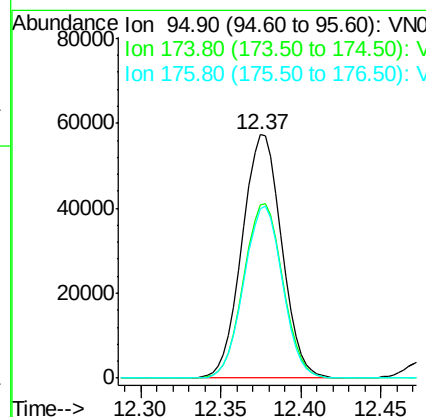
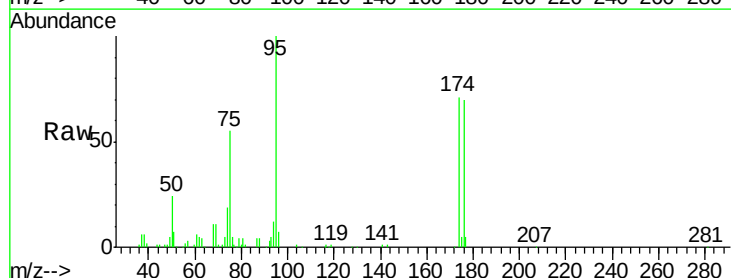
Manual Integrations  
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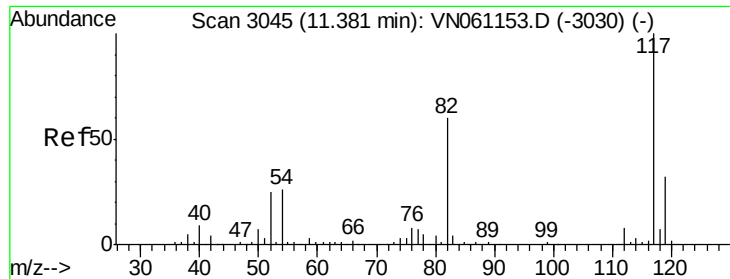
MMDadoda  
 5/6/2020 11:37:11 AM



#62  
 4-Bromofluorobenzene  
 Concen: 52.703 ug/l  
 RT: 12.37 min Scan# 3354  
 Delta R.T. -0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 71.2  | 0.0   | 149.4 |
| 176     | 69.2  | 0.0   | 144.8 |





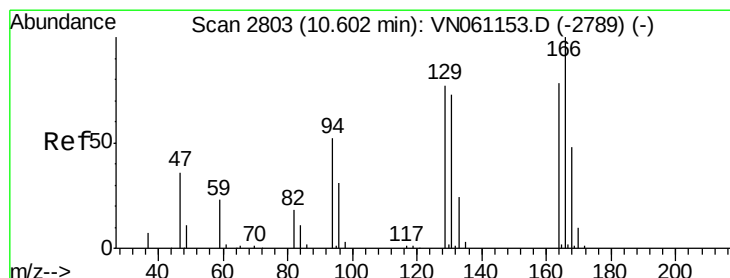
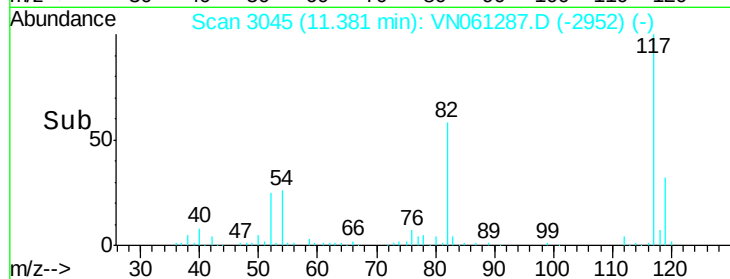
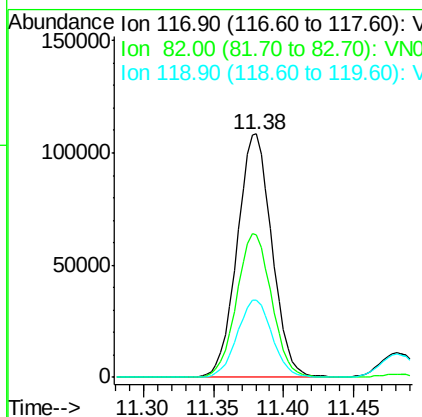
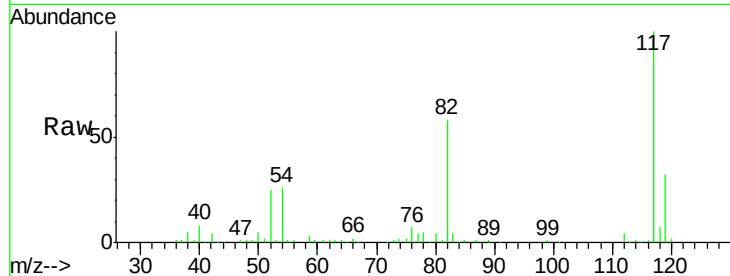
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 3045  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 58.3  | 47.8  | 71.8  |
| 119     | 31.9  | 25.8  | 38.6  |

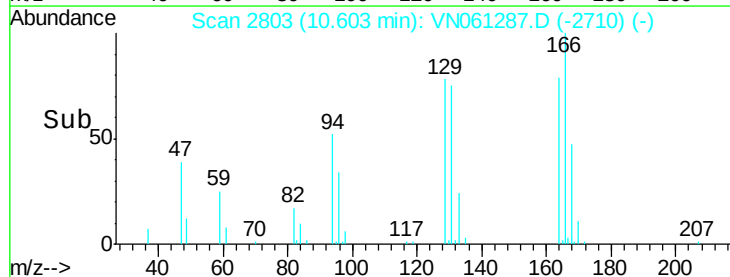
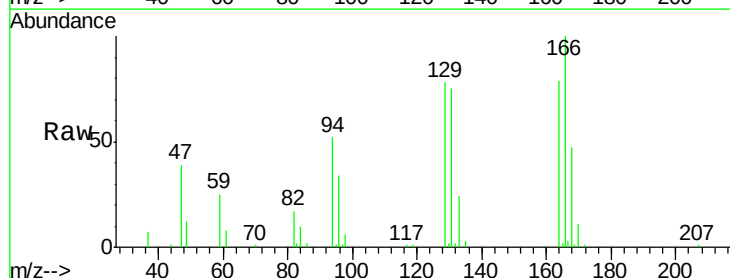
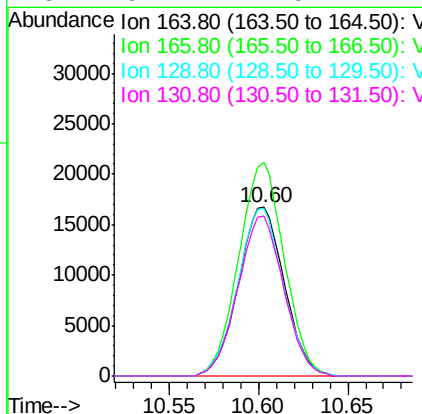
Manual Integrations  
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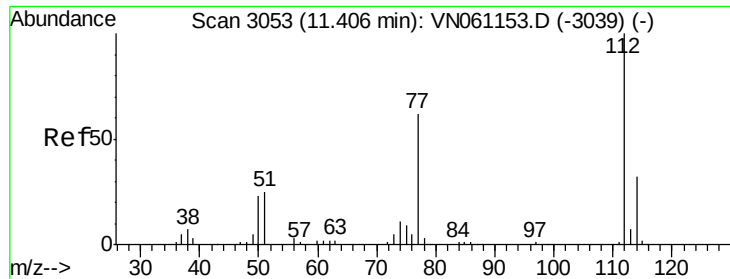
MMDadoda  
5/6/2020 11:37:11 AM



#64  
Tetrachloroethene  
Concen: 18.469 ug/l  
RT: 10.60 min Scan# 2803  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 126.4 | 102.0 | 153.0 |
| 129     | 99.2  | 78.2  | 117.2 |
| 131     | 94.4  | 74.5  | 111.7 |





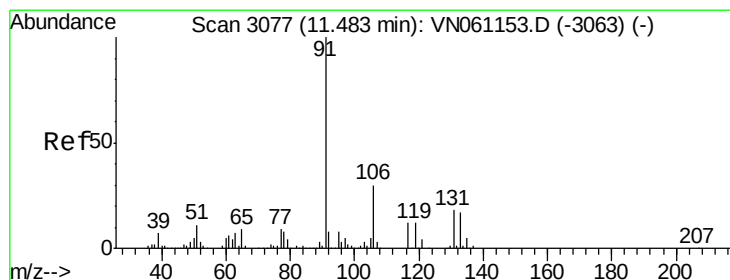
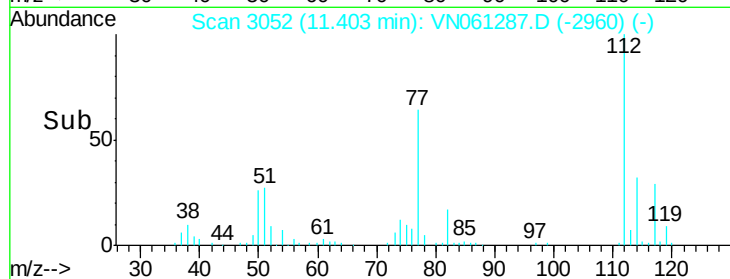
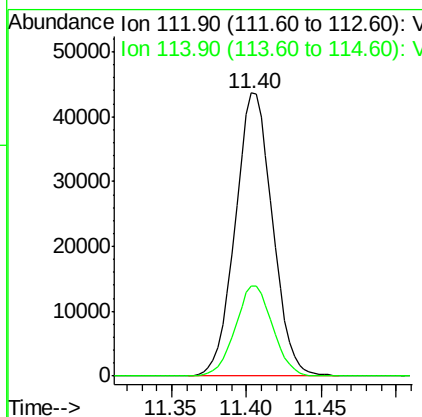
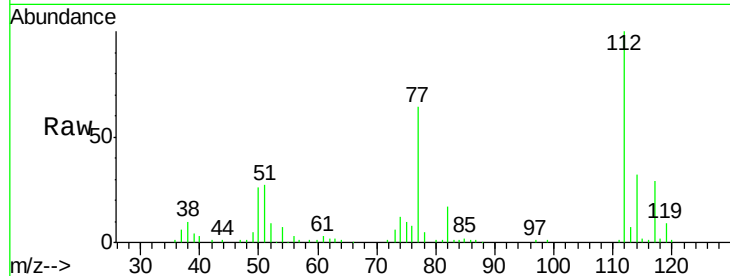
#65  
Chlorobenzene  
Concen: 20.327 ug/l  
RT: 11.40 min Scan# 3052  
Delta R.T. -0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0505WBS01

Tot Ion:112 Resp: 75644  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.4 38.2

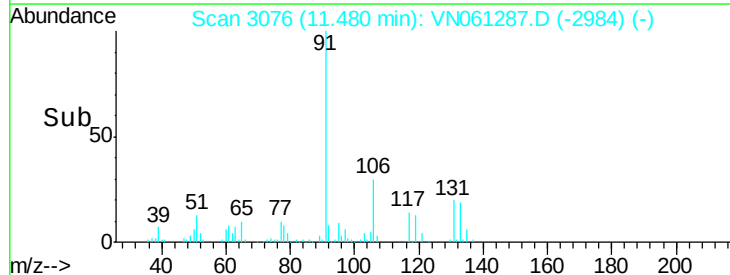
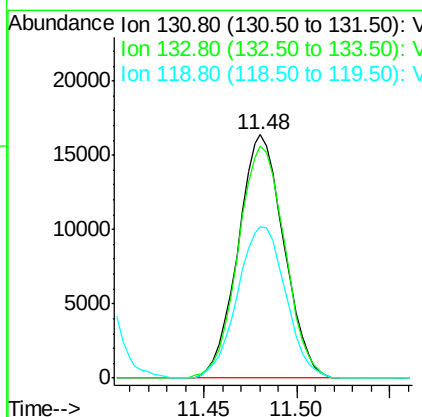
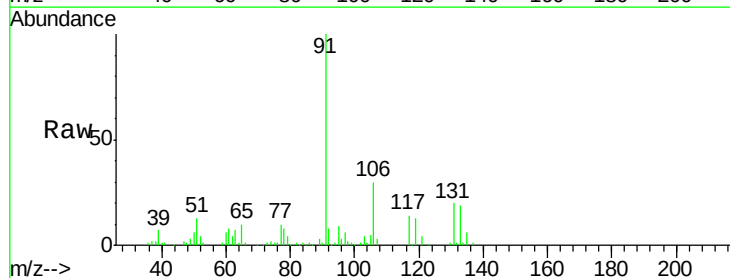
Manual Integrations  
APPROVED

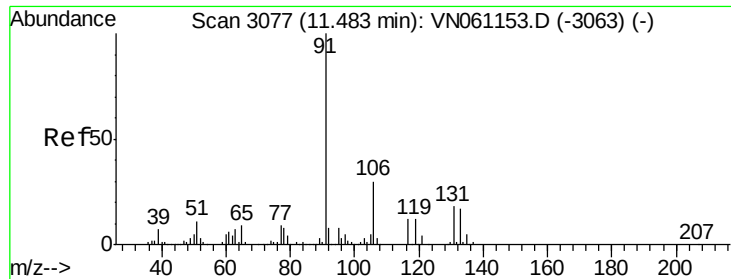
MMDadoda  
5/6/2020 11:37:11 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.043 ug/l  
RT: 11.48 min Scan# 3076  
Delta R.T. -0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Tgt Ion:131 Resp: 28027  
Ion Ratio Lower Upper  
131 100  
133 97.1 48.0 144.2  
119 65.4 32.6 97.8





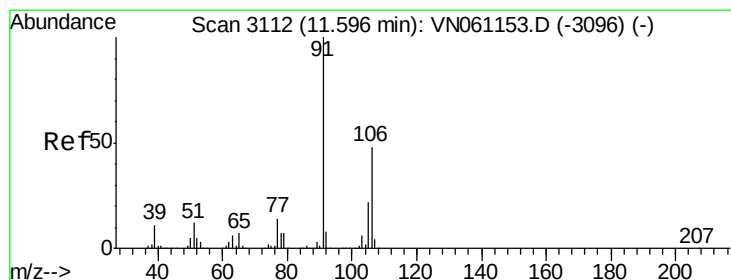
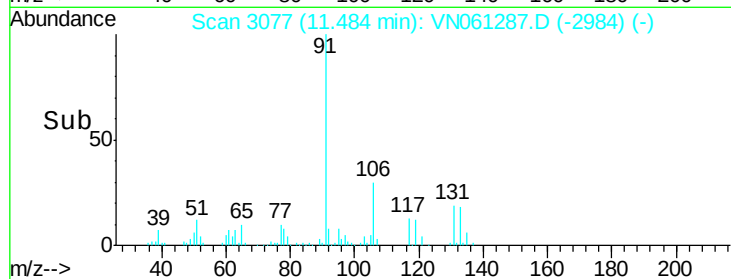
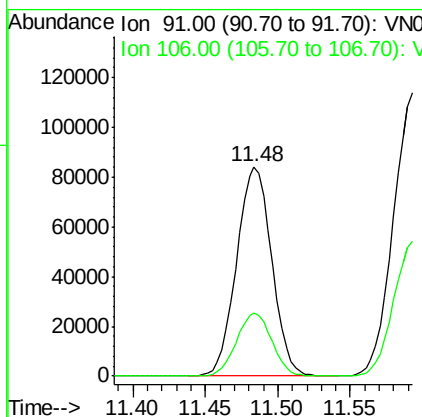
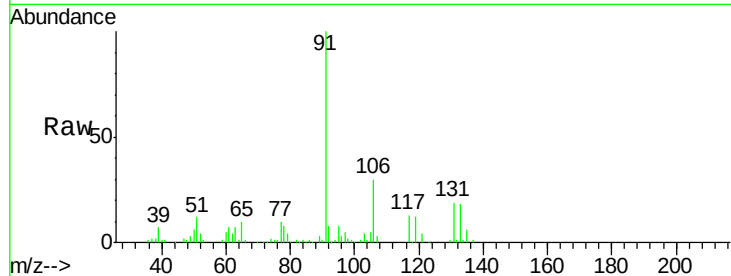
#67  
Ethyl Benzene  
Concen: 20.381 ug/l  
RT: 11.48 min Scan# 3077  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0505WBS01

Tot Ion: 91 Resp: 141983  
Ion Ratio Lower Upper  
91 100  
106 30.1 23.8 35.6

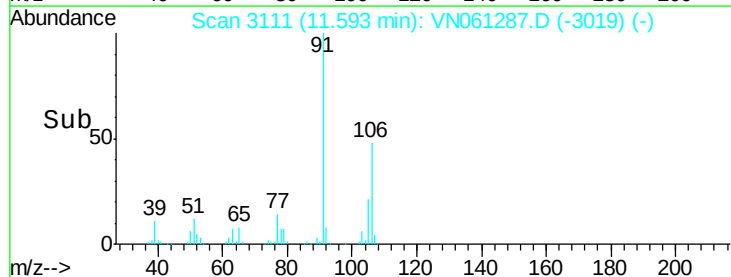
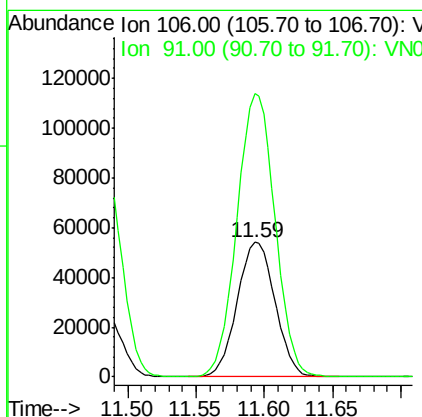
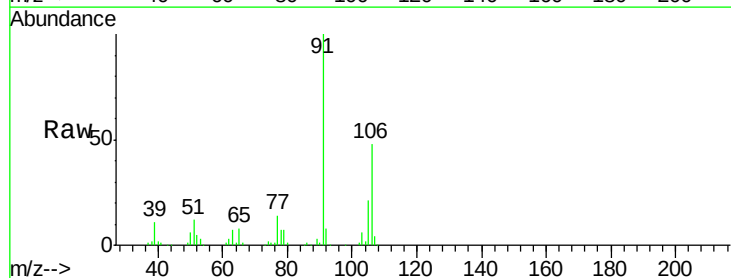
Manual Integrations  
APPROVED

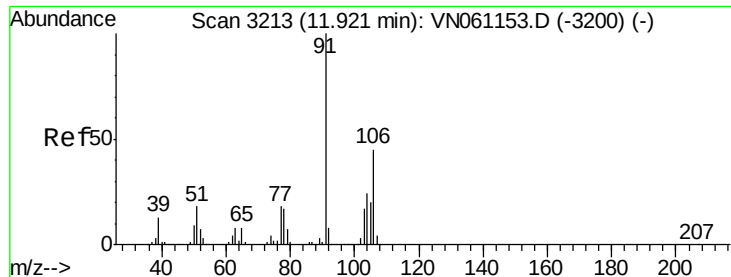
MMDadoda  
5/6/2020 11:37:11 AM



#68  
m/p-Xylenes  
Concen: 41.032 ug/l  
RT: 11.59 min Scan# 3111  
Delta R.T. -0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Tgt Ion: 106 Resp: 104626  
Ion Ratio Lower Upper  
106 100  
91 210.1 166.4 249.6





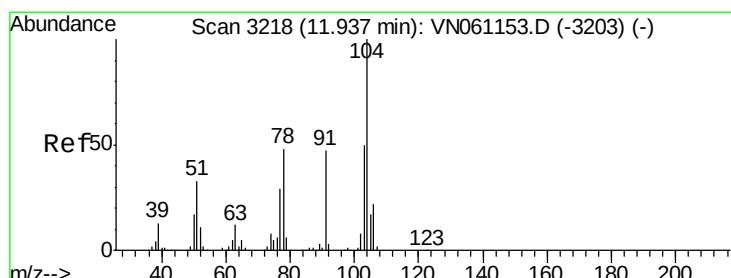
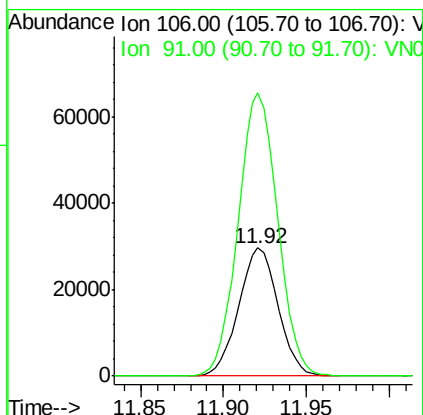
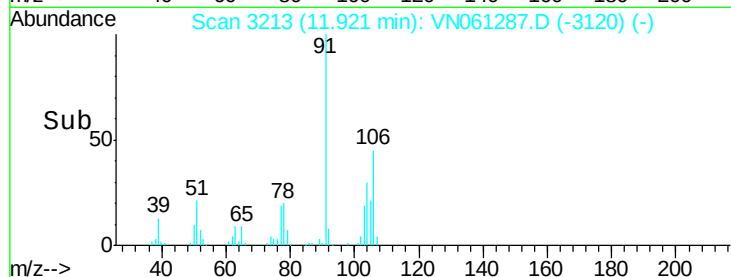
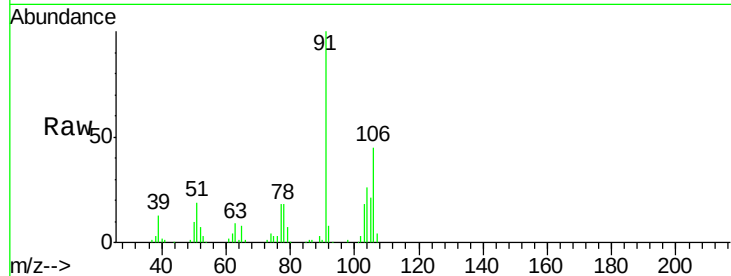
#69  
o-Xylene  
Concen: 19.972 ug/l  
RT: 11.92 min Scan# 3213  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0505WBS01

Tot Ion:106 Resp: 48917  
Ion Ratio Lower Upper  
106 100  
91 221.9 109.7 329.0

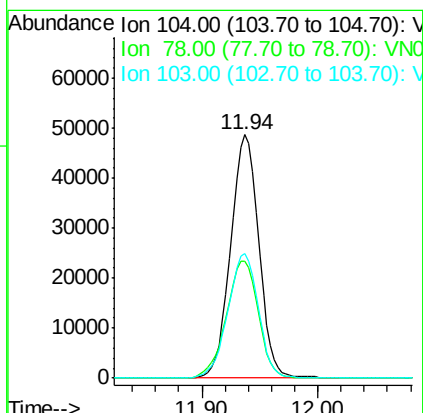
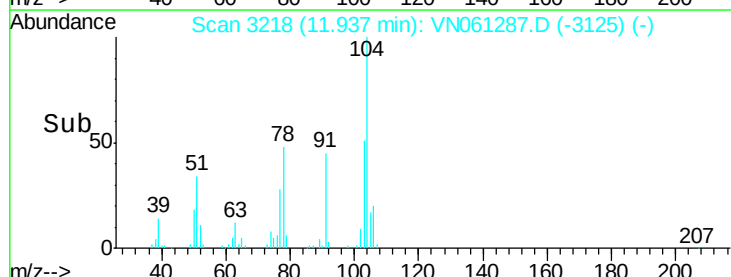
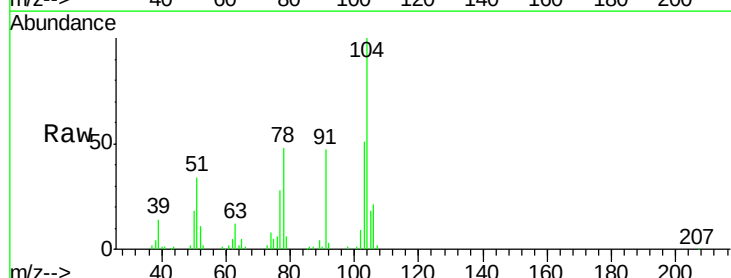
Manual Integrations  
APPROVED

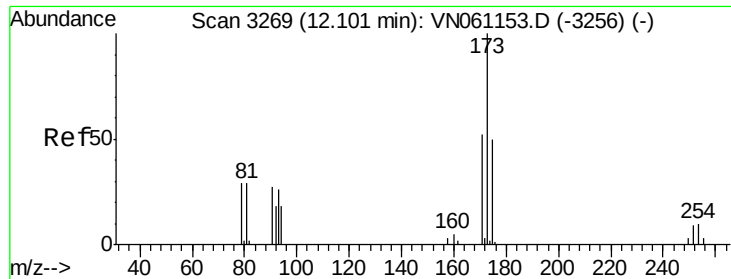
MMDadoda  
5/6/2020 11:37:11 AM



#70  
Styrene  
Concen: 19.953 ug/l  
RT: 11.94 min Scan# 3218  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Tgt Ion:104 Resp: 81797  
Ion Ratio Lower Upper  
104 100  
78 54.3 42.1 63.1  
103 55.2 43.3 64.9





#71

Bromoform

Concen: 20.437 ug/l

RT: 12.10 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

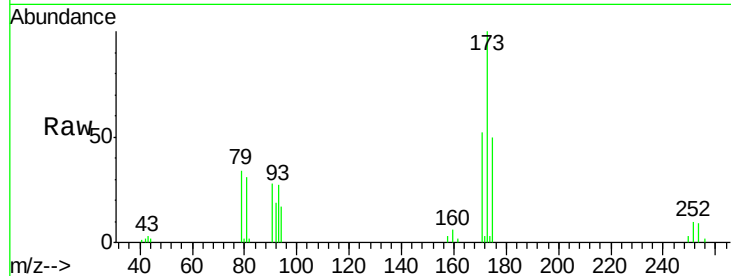
ClientSampleId :

VN0505WBS01

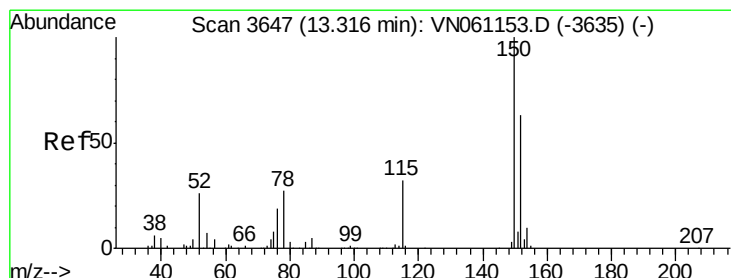
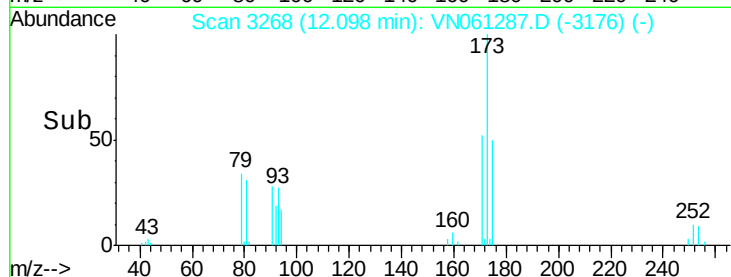
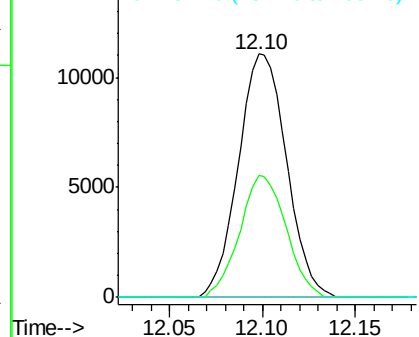
|             |       |       |
|-------------|-------|-------|
| Tot Ion:173 | Resp: | 20005 |
| Ion Ratio   | Lower | Upper |
| 173 100     |       |       |
| 175 48.3    | 24.1  | 72.4  |
| 254 0.0     | 0.0   | 0.0   |

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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

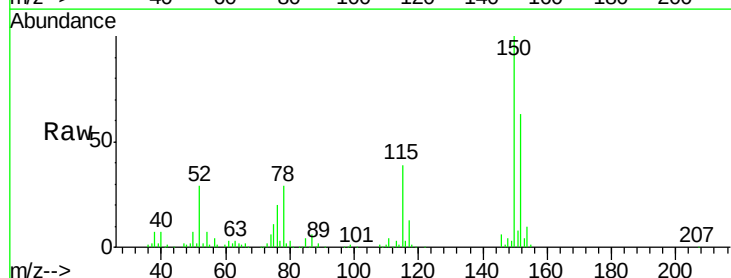
RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

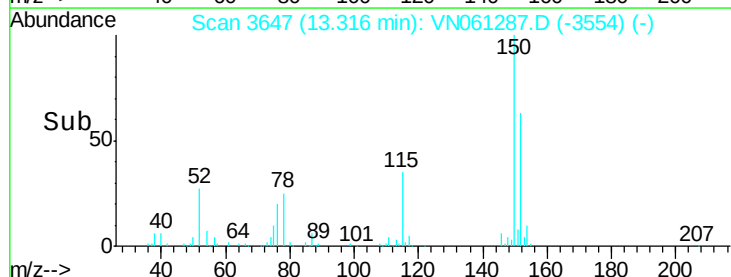
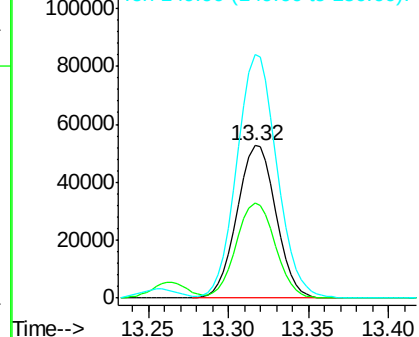
Lab File: VN061287.D

Acq: 5 May 2020 13:15

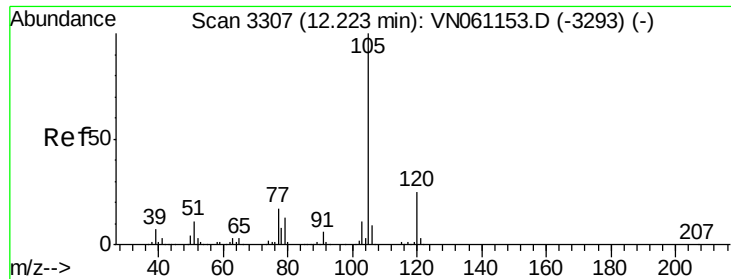
|             |       |       |
|-------------|-------|-------|
| Tgt Ion:152 | Resp: | 87188 |
| Ion Ratio   | Lower | Upper |
| 152 100     |       |       |
| 115 62.8    | 31.0  | 93.0  |
| 150 164.8   | 0.0   | 351.8 |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V







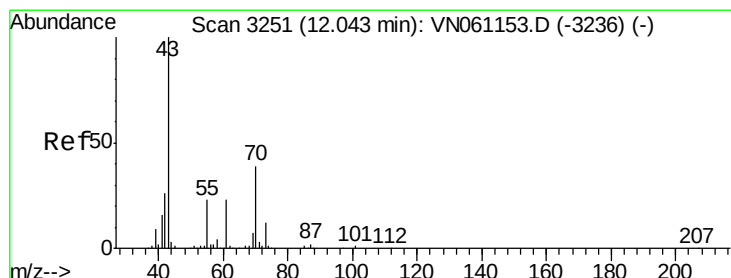
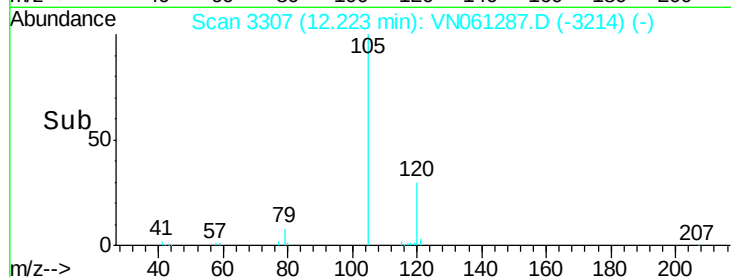
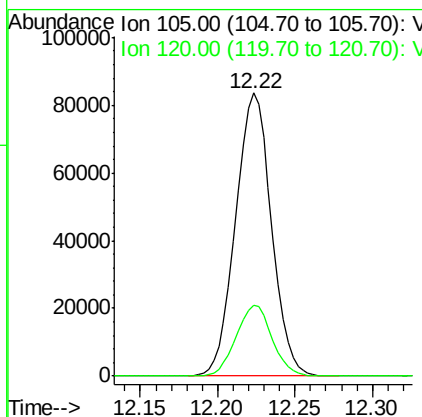
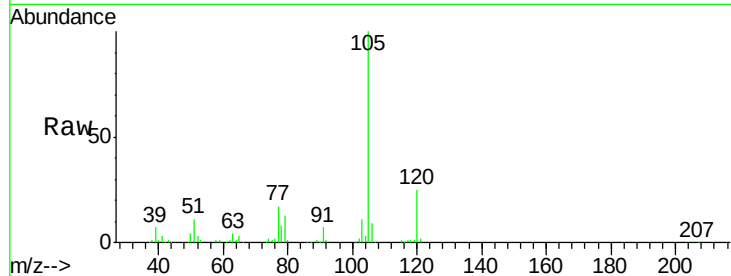
#73  
Isopropylbenzene  
Concen: 20.990 ug/l  
RT: 12.22 min Scan# 3307  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.0  | 12.6  | 37.8  |

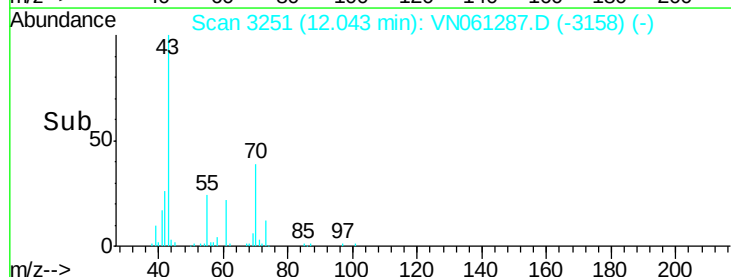
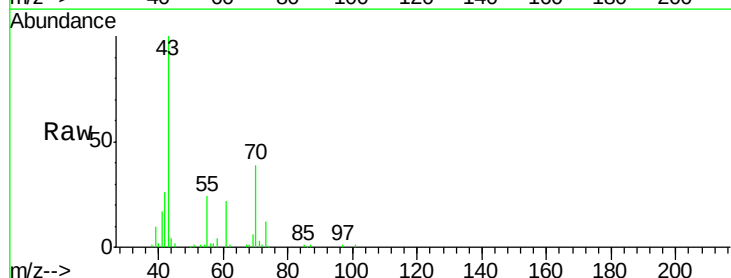
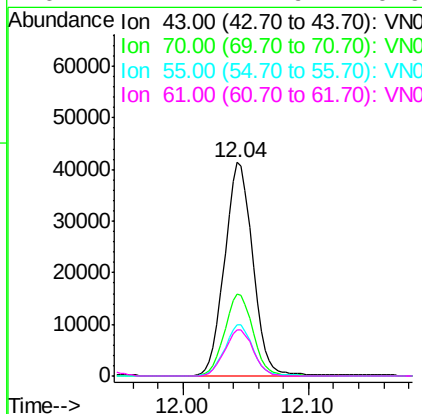
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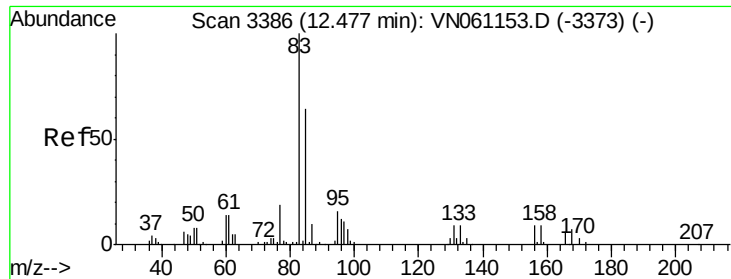
MMDadoda  
5/6/2020 11:37:11 AM



#74  
N-ethyl acetate  
Concen: 19.964 ug/l  
RT: 12.04 min Scan# 3251  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 38.3  | 30.6  | 46.0  |
| 55      | 23.8  | 18.5  | 27.7  |
| 61      | 21.7  | 17.9  | 26.9  |





#75

1,1,2,2-Tetrachloroethane

Concen: 20.710 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

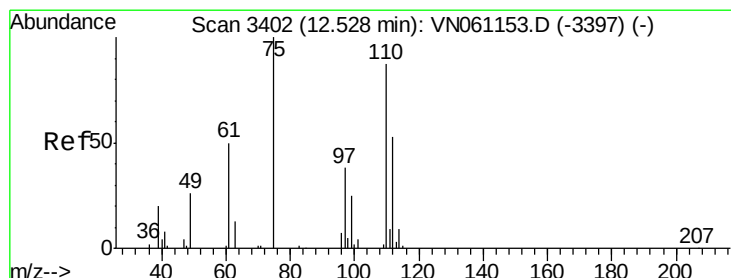
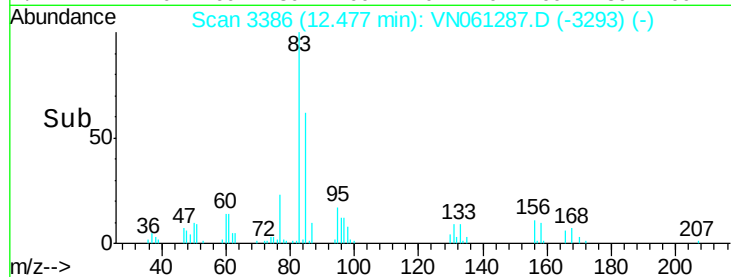
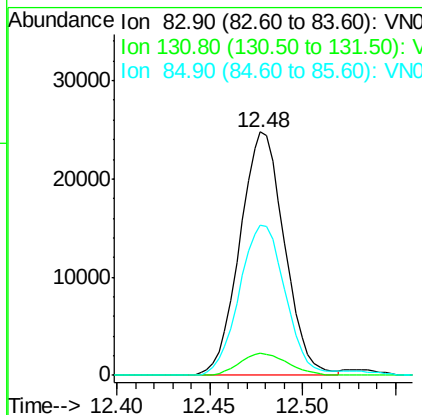
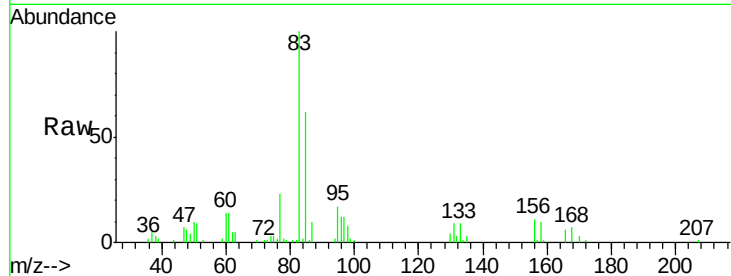
ClientSampleId :

VN0505WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 41391 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 9.7   | 4.8   | 14.3  |
| 85        | 63.6  | 32.0  | 96.0  |

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#76

1,2,3-Trichloropropane

Concen: 19.834 ug/l m

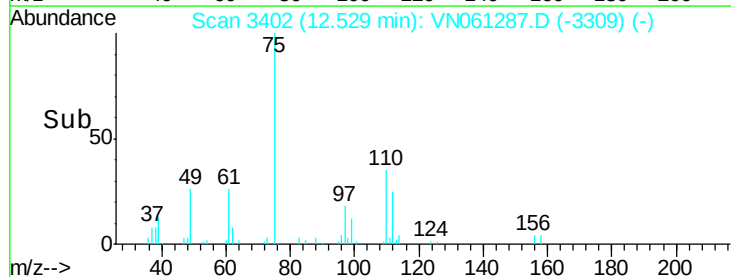
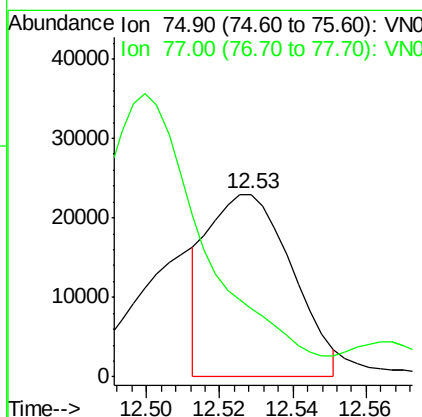
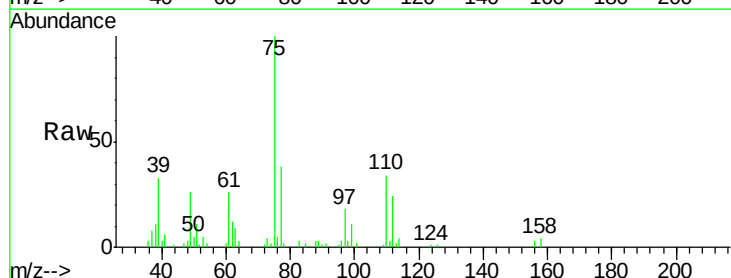
RT: 12.53 min Scan# 3402

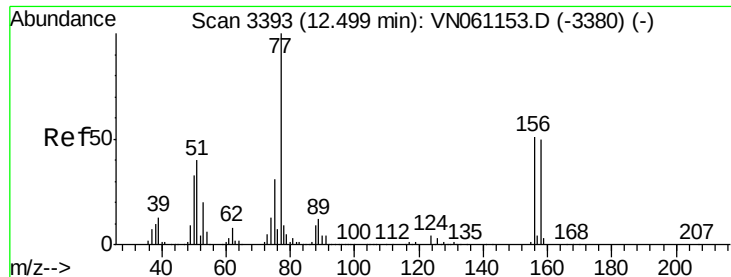
Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 36458 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 21.164 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

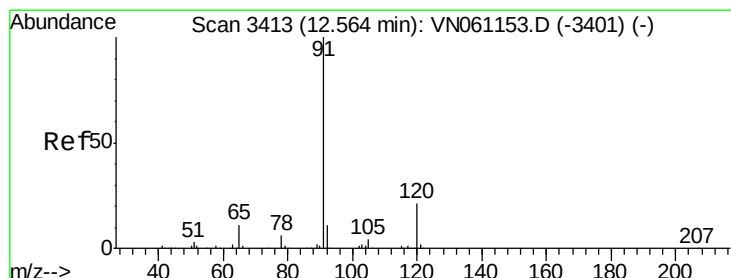
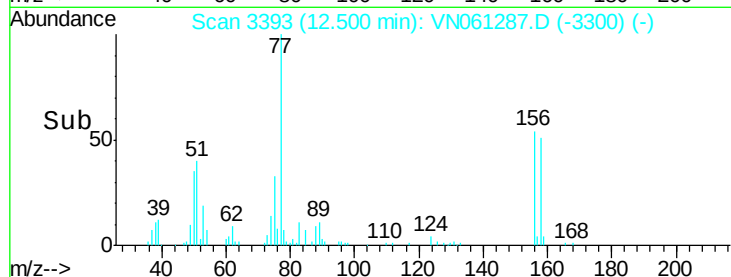
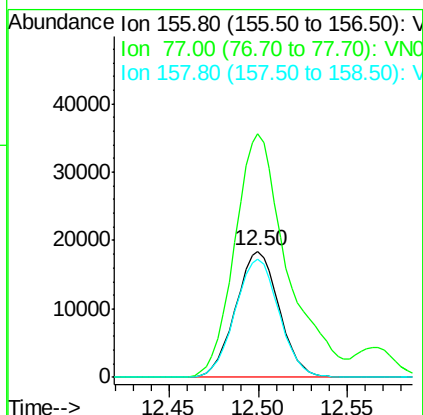
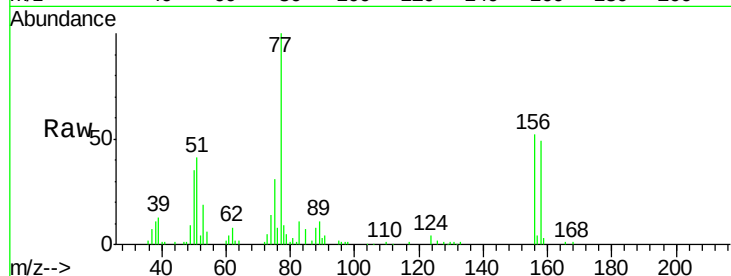
ClientSampled :

VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 233.2 | 117.4 | 352.2 |
| 158     | 94.9  | 48.4  | 145.0 |

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#78

n-propylbenzene

Concen: 21.149 ug/l

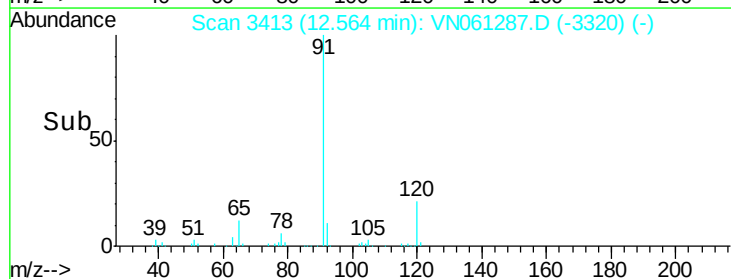
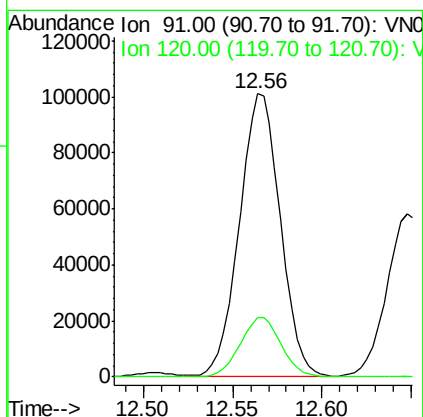
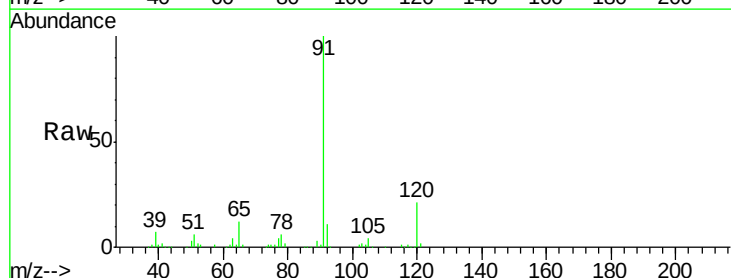
RT: 12.56 min Scan# 3413

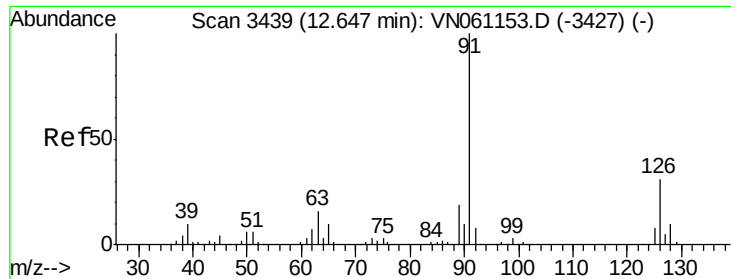
Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 21.2  | 10.8  | 32.3  |





#79

2-Chlorotoluene

Concen: 21.026 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

ClientSampled :

VN0505WBS01

Tot Ion: 91 Resp: 93954

Ion Ratio Lower Upper

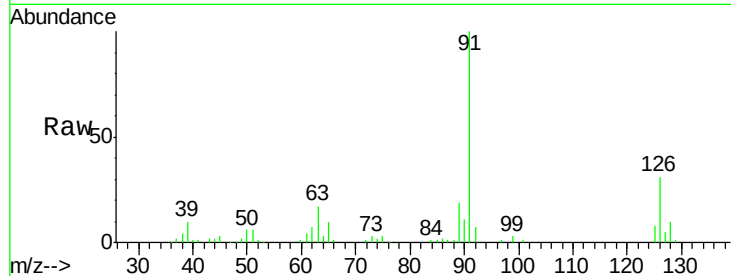
91 100

126 31.9 15.9 47.7

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Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)

80000

60000

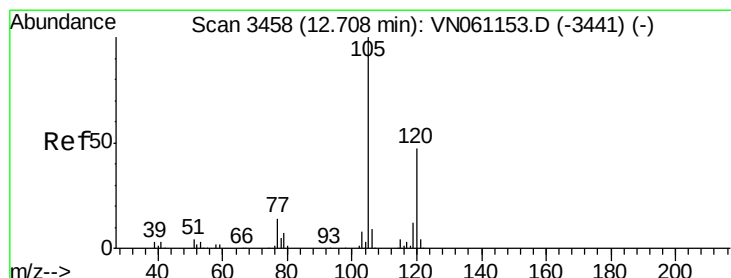
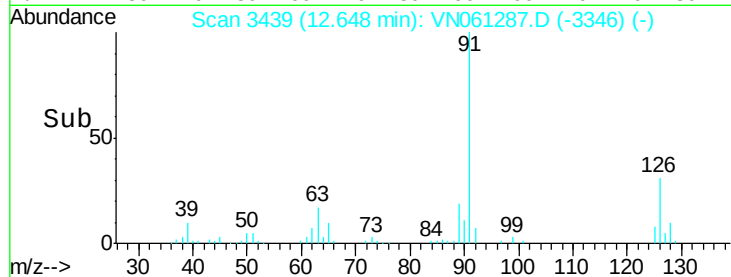
40000

20000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.260 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061287.D

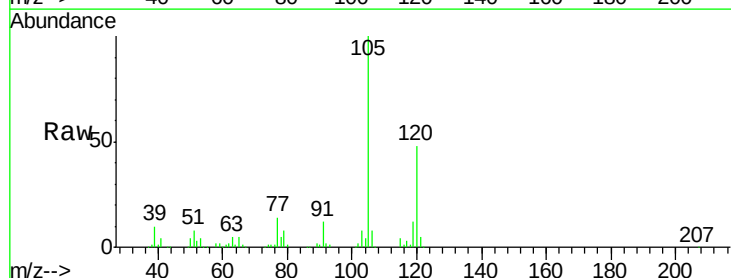
Acq: 5 May 2020 13:15

Tgt Ion: 105 Resp: 112786

Ion Ratio Lower Upper

105 100

120 46.7 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)

Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)

80000

60000

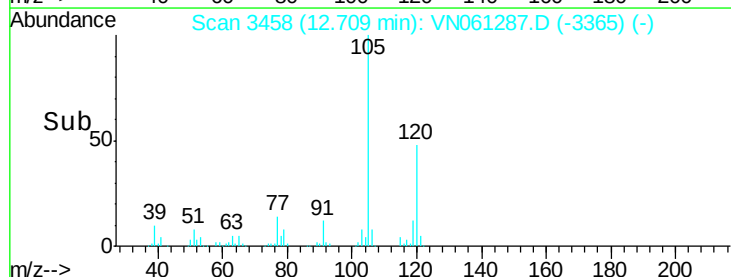
40000

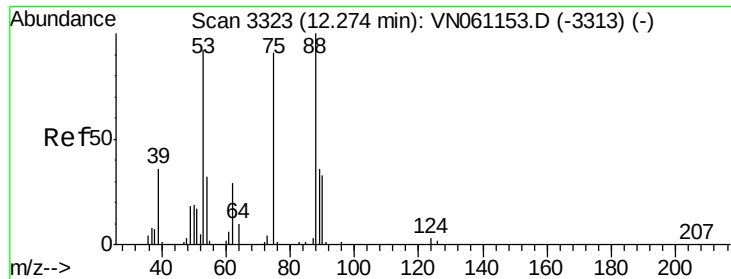
20000

0

12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.006 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

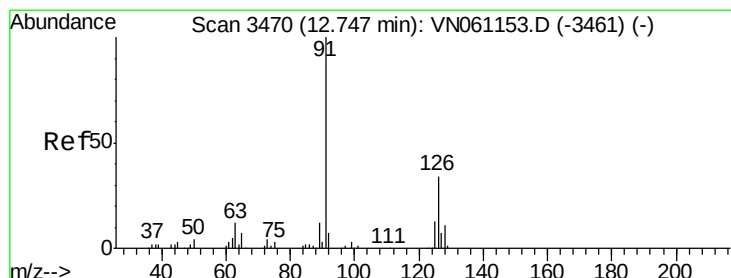
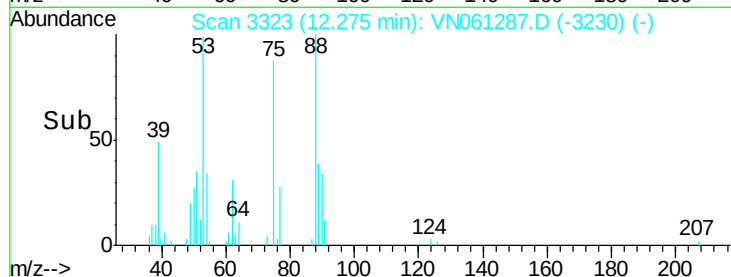
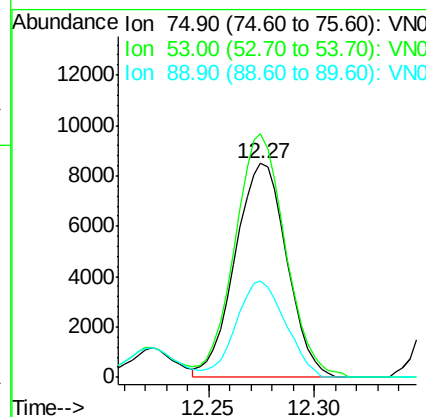
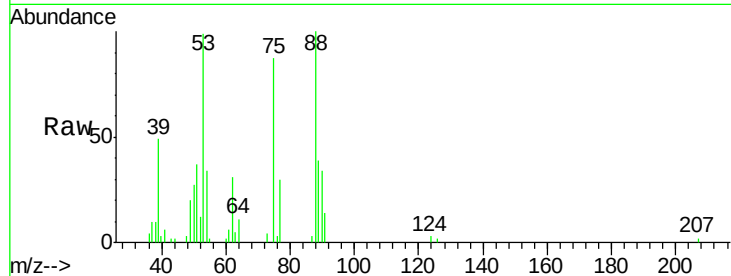
ClientSampled :

VN0505WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 14481 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 111.6 | 84.1  | 126.1 |
| 89       | 43.3  | 35.2  | 52.8  |

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#82

4-Chlorotoluene

Concen: 21.367 ug/l

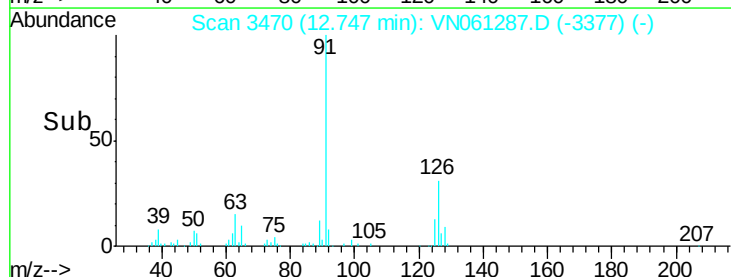
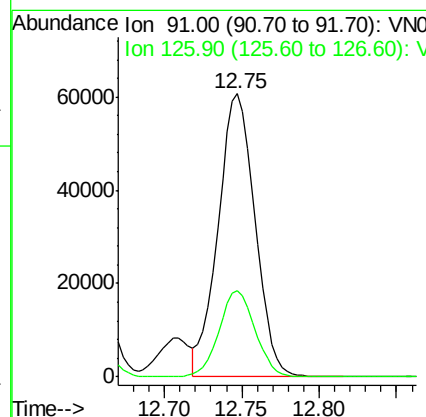
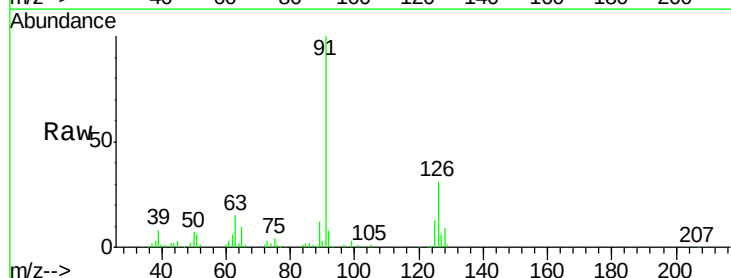
RT: 12.75 min Scan# 3470

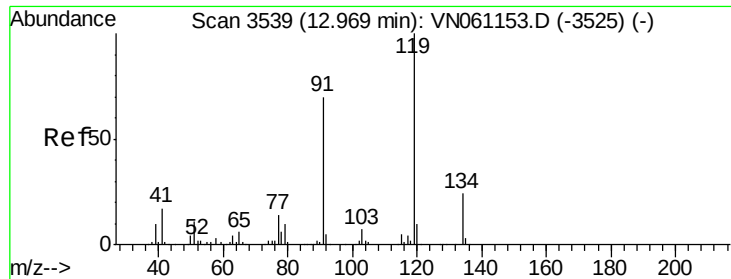
Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 100631 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 29.7  | 15.7  | 47.1   |





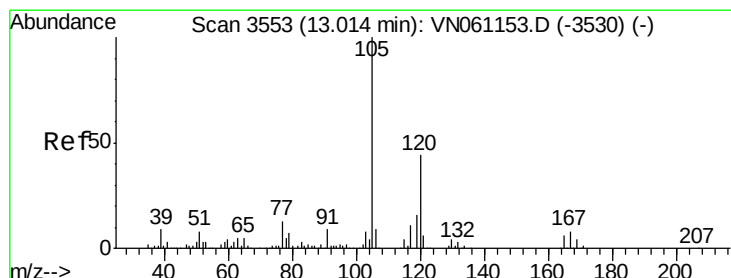
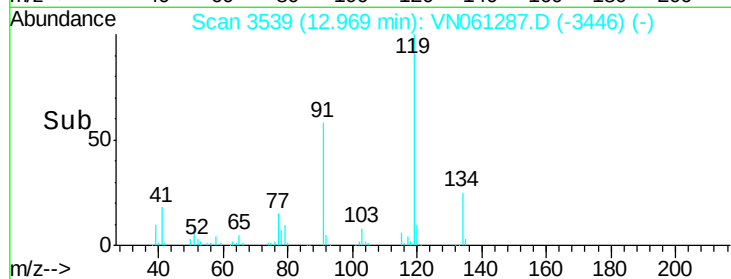
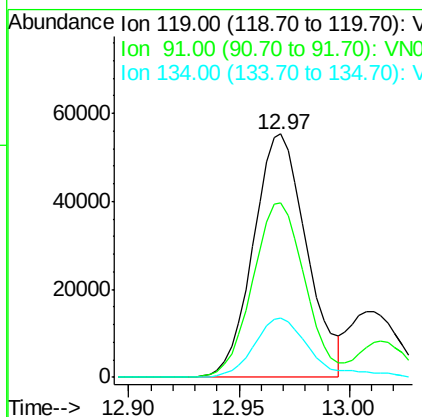
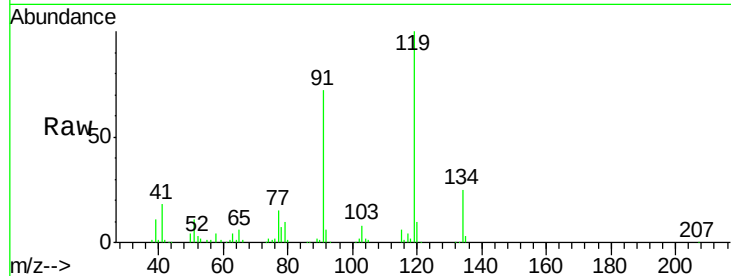
#83  
 tert-Butylbenzene  
 Concen: 20.740 ug/l  
 RT: 12.97 min Scan# 3539  
 Delta R.T. 0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 70.8  | 34.8  | 104.4 |
| 134     | 25.8  | 12.9  | 38.7  |

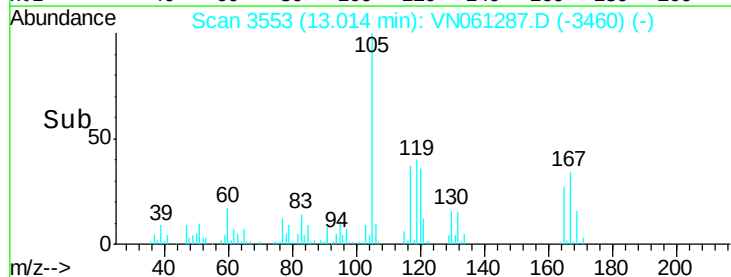
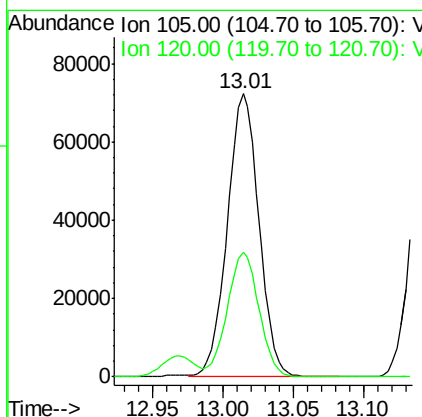
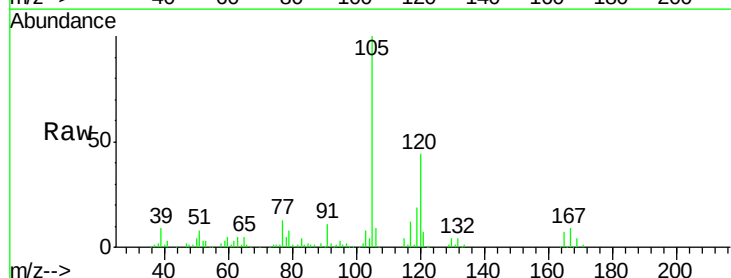
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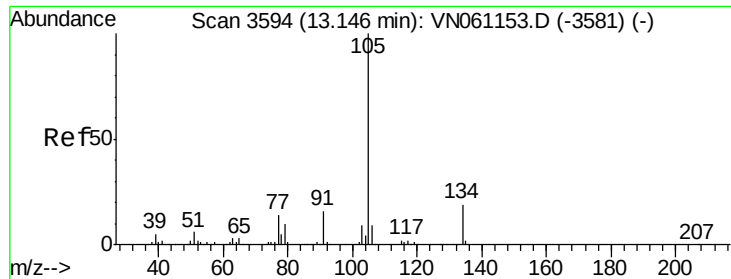
MMDadoda  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.771 ug/l  
 RT: 13.01 min Scan# 3553  
 Delta R.T. 0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.1  | 22.2  | 66.6  |





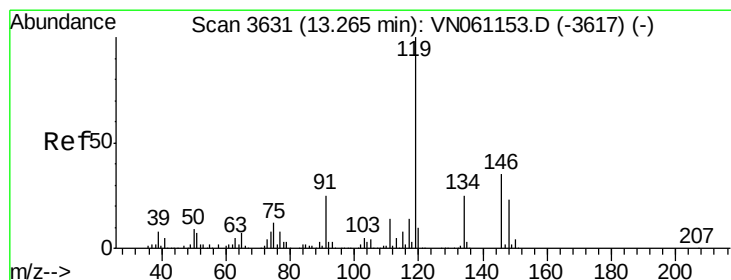
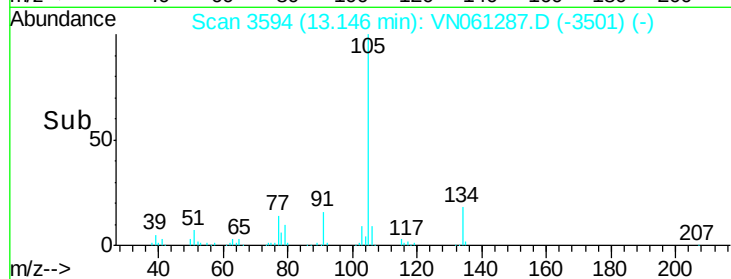
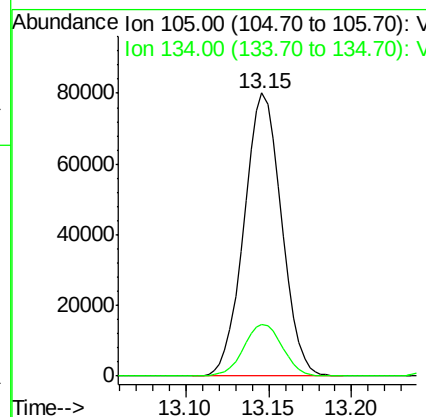
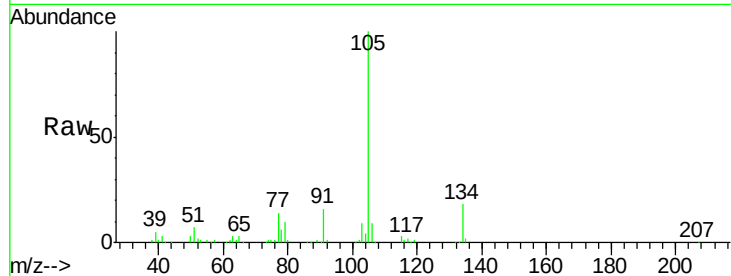
#85  
 sec-Butylbenzene  
 Concen: 20.660 ug/l  
 RT: 13.15 min Scan# 3594  
 Delta R.T. 0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 19.0  | 9.6   | 28.8  |

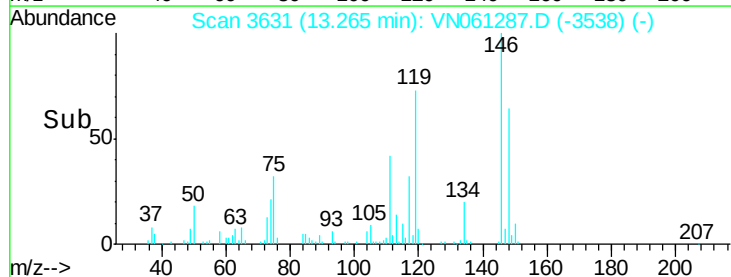
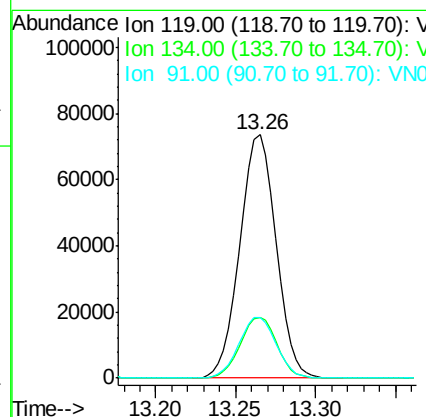
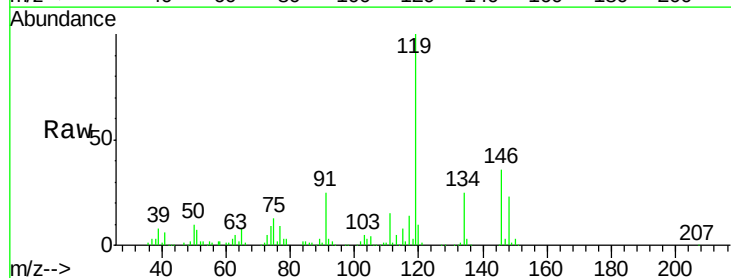
Manual Integrations  
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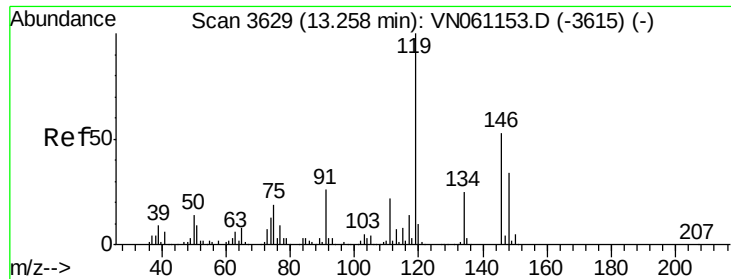
MMDadoda  
 5/6/2020 11:37:11 AM



#86  
 p-Isopropyltoluene  
 Concen: 20.653 ug/l  
 RT: 13.26 min Scan# 3631  
 Delta R.T. 0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 25.2  | 12.6  | 37.6  |
| 91      | 25.8  | 12.7  | 38.0  |





#87

1,3-Dichlorobenzene

Concen: 20.773 ug/l

RT: 13.26 min Scan# 3628

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

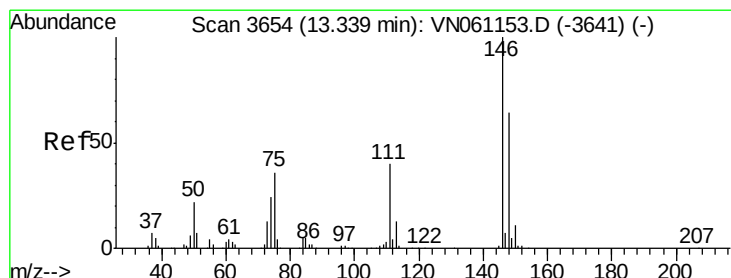
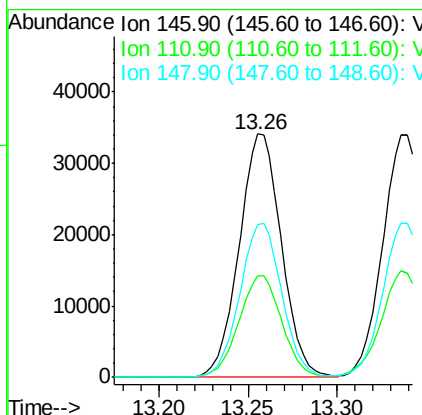
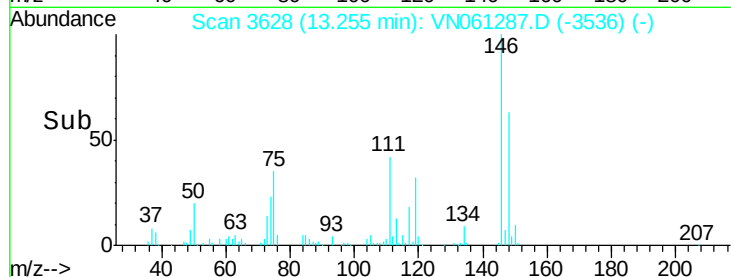
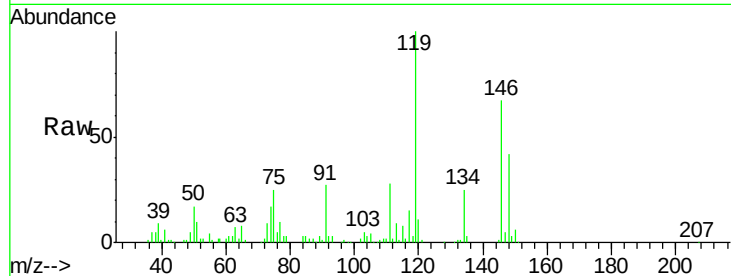
ClientSampled :

VN0505WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 56584 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 42.2  | 20.7  | 62.1  |
| 148       | 62.7  | 31.8  | 95.3  |

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#88

1,4-Dichlorobenzene

Concen: 20.489 ug/l

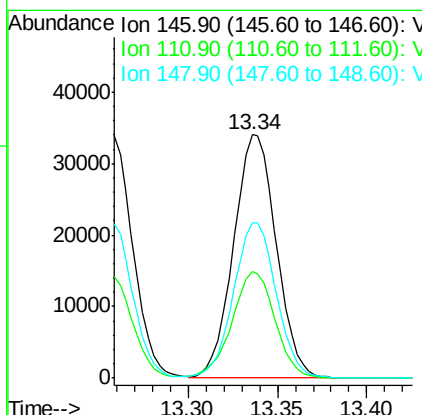
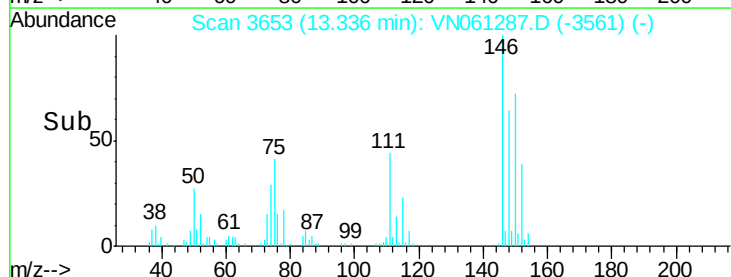
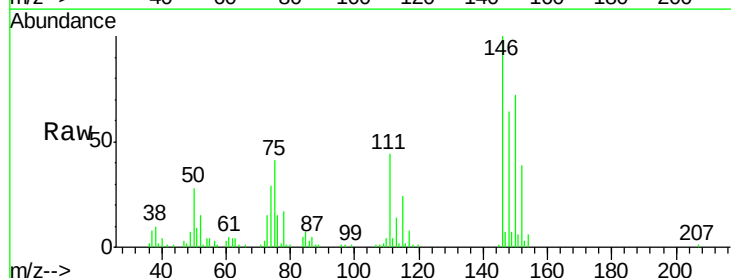
RT: 13.34 min Scan# 3653

Delta R.T. -0.00 min

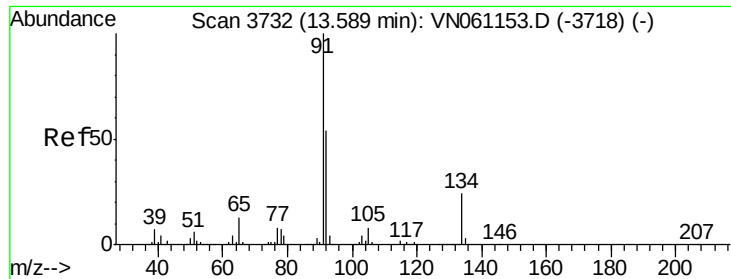
Lab File: VN061287.D

Acq: 5 May 2020 13:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 57022 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 44.1  | 20.4  | 61.3  |
| 148       | 63.9  | 31.9  | 95.7  |







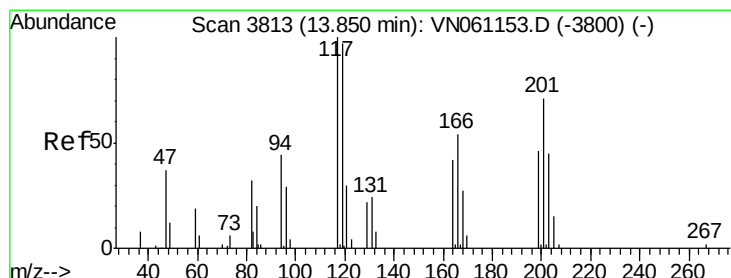
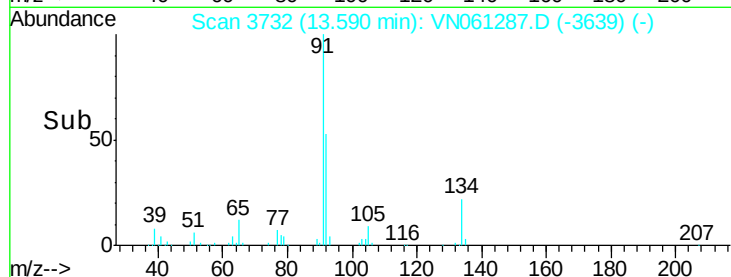
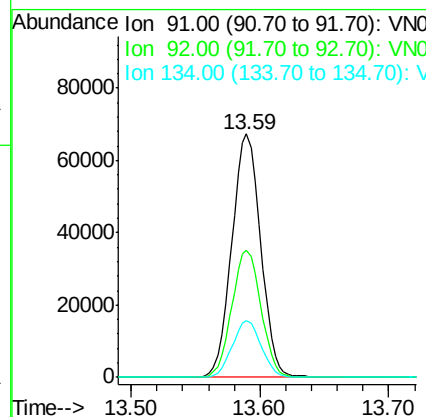
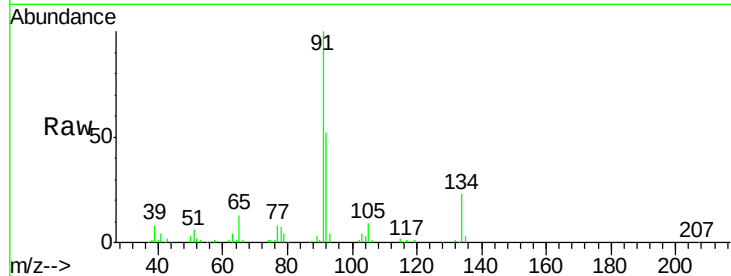
#89  
n-Butylbenzene  
Concen: 20.737 ug/l  
RT: 13.59 min Scan# 3732  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.6  | 26.8  | 80.3  |
| 134     | 23.3  | 11.9  | 35.5  |

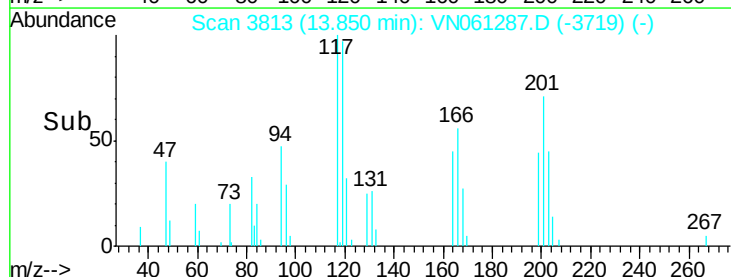
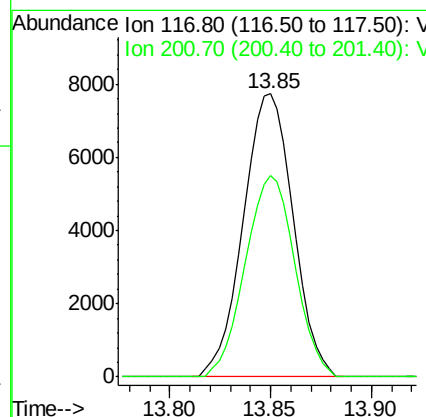
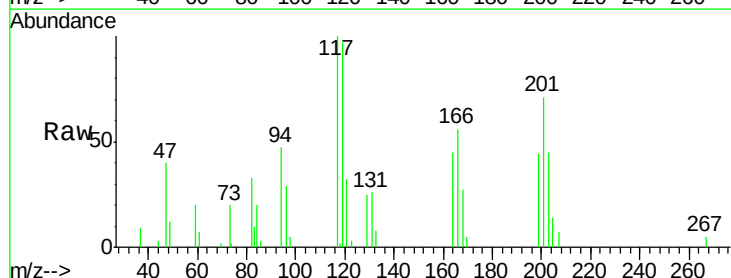
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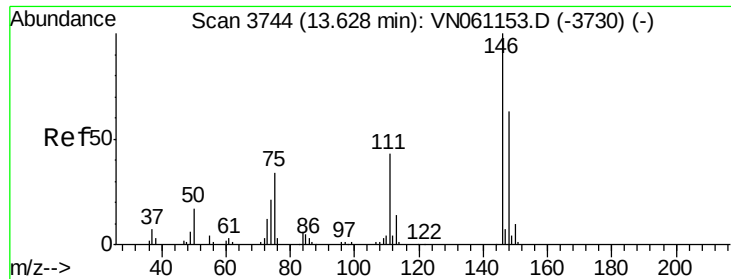
MMDadoda  
5/6/2020 11:37:11 AM



#90  
Hexachloroethane  
Concen: 27.418 ug/l  
RT: 13.85 min Scan# 3813  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 70.5  | 35.5  | 106.7 |





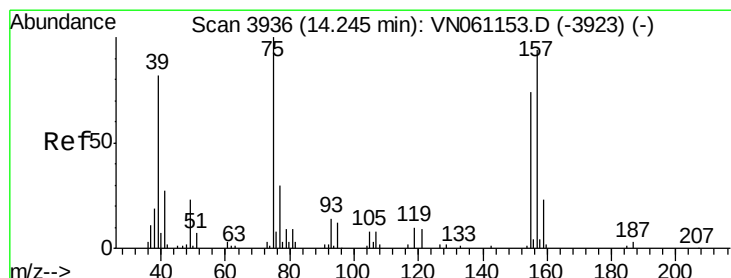
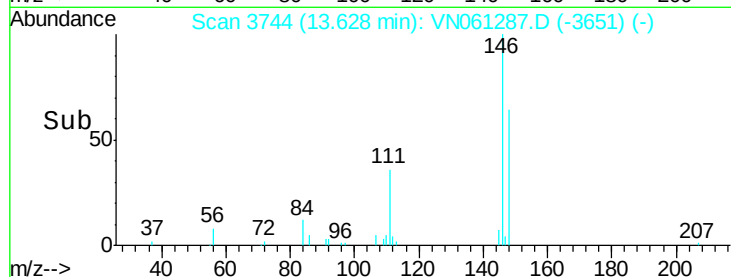
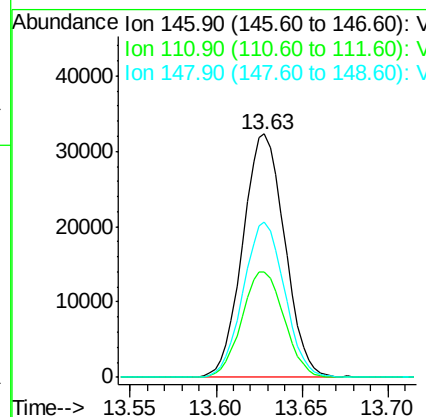
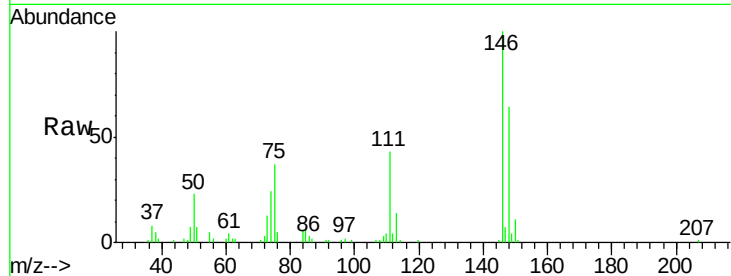
#91  
 1,2-Dichlorobenzene  
 Concen: 20.924 ug/l  
 RT: 13.63 min Scan# 3744  
 Delta R.T. 0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.7  | 21.8  | 65.3  |
| 148     | 62.9  | 31.6  | 95.0  |

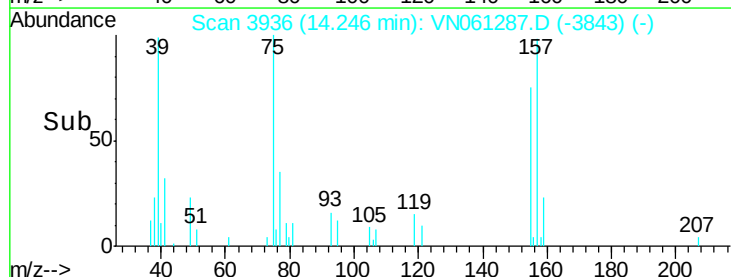
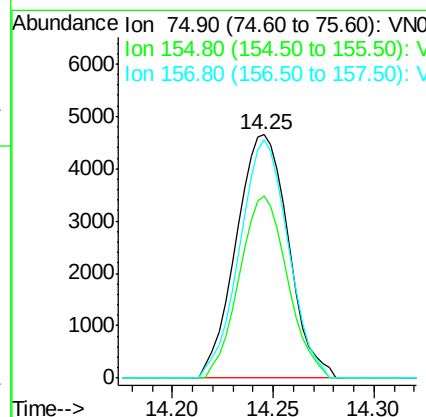
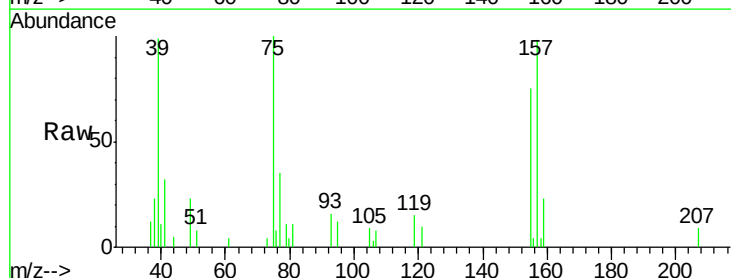
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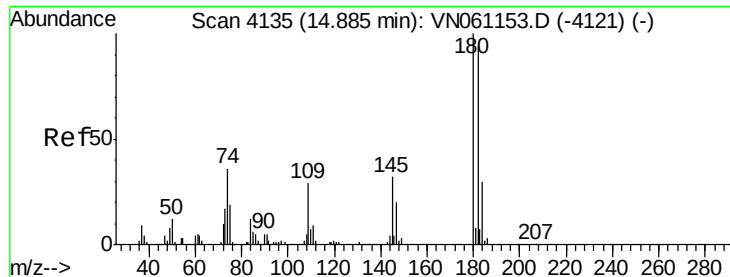
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.922 ug/l  
 RT: 14.25 min Scan# 3936  
 Delta R.T. 0.00 min  
 Lab File: VN061287.D  
 Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 69.1  | 36.5  | 109.7 |
| 157     | 91.2  | 46.6  | 139.7 |





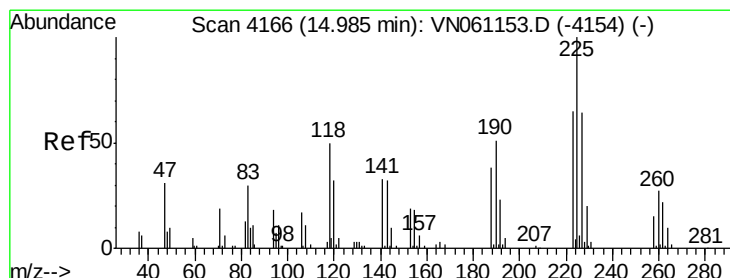
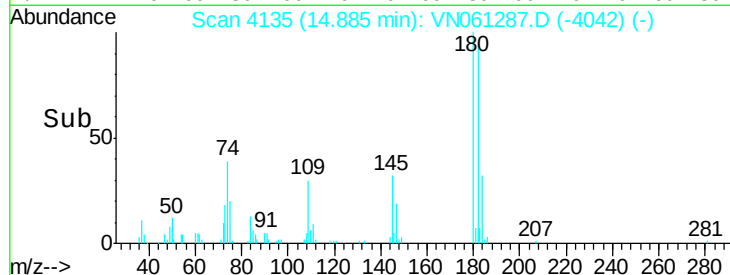
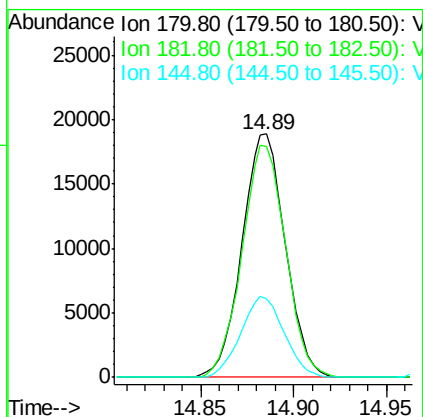
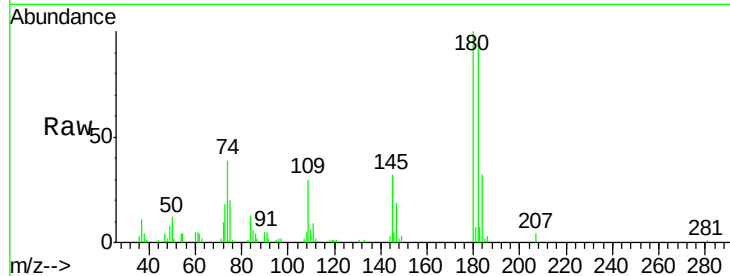
#93  
1,2,4-Trichlorobenzene  
Concen: 19.224 ug/l  
RT: 14.89 min Scan# 4135  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0505WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 47.3  | 141.9 |
| 145     | 33.1  | 16.0  | 47.9  |

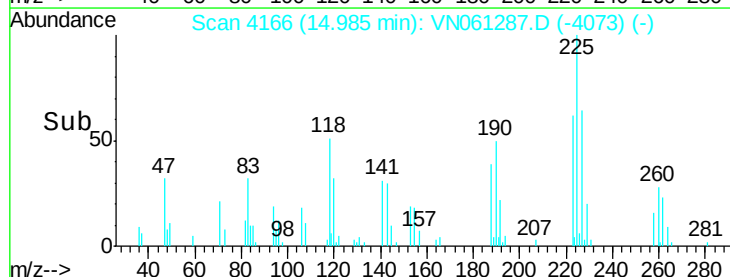
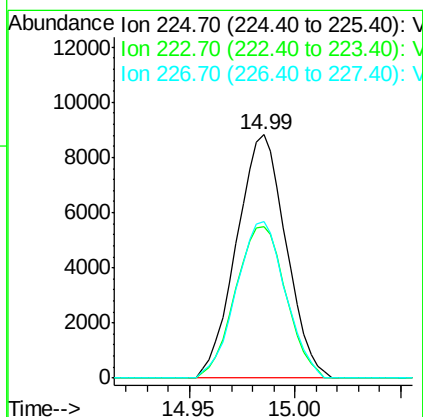
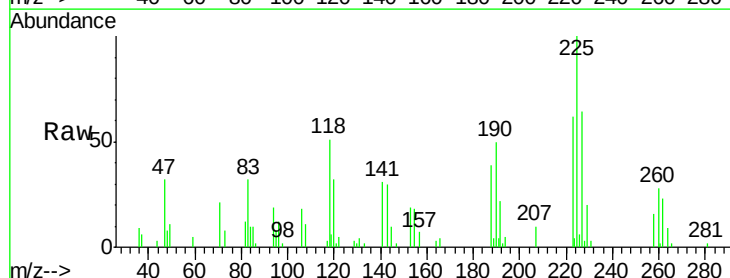
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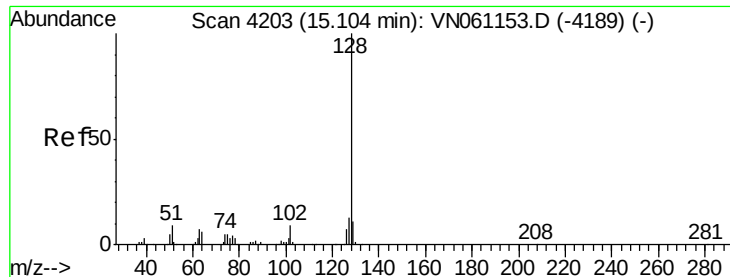
MMDadoda  
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#94  
Hexachlorobutadiene  
Concen: 21.628 ug/l  
RT: 14.99 min Scan# 4166  
Delta R.T. 0.00 min  
Lab File: VN061287.D  
Acq: 5 May 2020 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.5  | 32.4  | 97.0  |
| 227     | 63.8  | 32.4  | 97.0  |





#95

Naphthalene

Concen: 18.158 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

Instrument :

MSVOA\_N

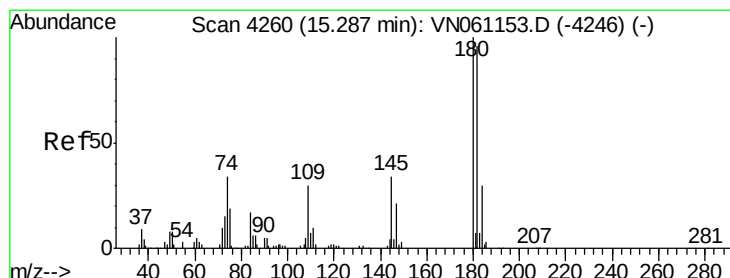
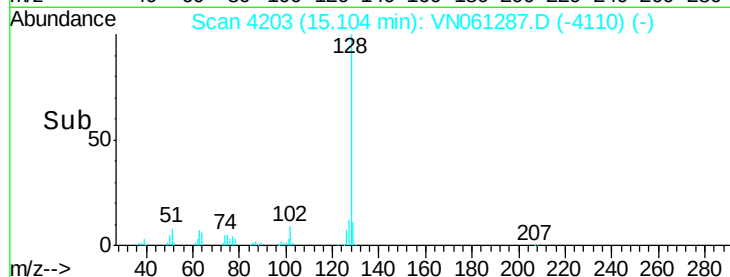
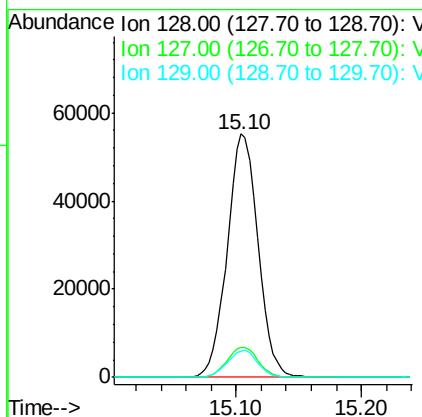
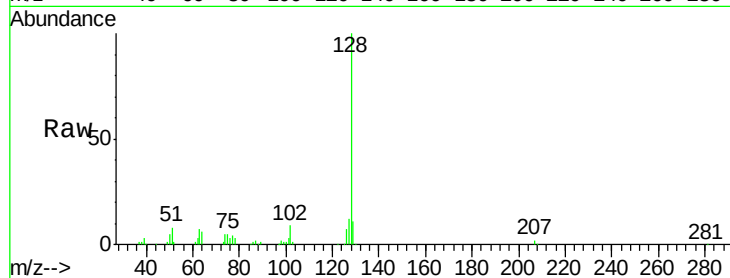
ClientSampled :

VN0505WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 128   | Resp: | 94048 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 12.5  | 10.4  | 15.6  |
| 129       | 10.9  | 8.7   | 13.1  |

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#96

1,2,3-Trichlorobenzene

Concen: 19.312 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061287.D

Acq: 5 May 2020 13:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 30324 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.8  | 47.5  | 142.5 |
| 145       | 33.1  | 16.9  | 50.7  |

