

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092920\  
 Data File : VN063726.D  
 Acq On : 29 Sep 2020 14:40  
 Operator : JC/MD  
 Sample : VN0929WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0929WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 9/30/2020 1:20:37 PM

Quant Time: Sep 30 01:03:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 16 13:05:20 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 250141   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 411441   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 388556   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 189473   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 7.99   | 65  | 208568   | 48.98 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.96%  |      |
| 35) Dibromofluoromethane    | 7.55   | 113 | 146223   | 51.34 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.68% |      |
| 50) Toluene-d8              | 10.06  | 98  | 527705   | 49.27 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.54%  |      |
| 62) 4-Bromofluorobenzene    | 12.38  | 95  | 204098   | 51.98 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.96% |      |

| Target Compounds              |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 43774  | 15.447 | ug/l   | 98     |
| 3) Chloromethane              | 2.04 | 50  | 54378  | 14.505 | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.16 | 62  | 53977  | 16.251 | ug/l   | 97     |
| 5) Bromomethane               | 2.53 | 94  | 34623  | 17.556 | ug/l   | 95     |
| 6) Chloroethane               | 2.68 | 64  | 36093  | 17.703 | ug/l   | 92     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 93278  | 18.823 | ug/l   | 96     |
| 8) Diethyl Ether              | 3.38 | 74  | 34746  | 17.986 | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101 | 51410  | 18.447 | ug/l   | 99     |
| 10) Methyl Iodide             | 3.91 | 142 | 55403  | 15.269 | ug/l   | 96     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 53781  | 91.171 | ug/l # | 86     |
| 12) 1,1-Dichloroethene        | 3.70 | 96  | 48666  | 17.240 | ug/l   | 92     |
| 13) Acrolein                  | 3.57 | 56  | 12486  | 57.117 | ug/l   | 99     |
| 14) Allyl chloride            | 4.28 | 41  | 89329  | 15.998 | ug/l   | 92     |
| 15) Acrylonitrile             | 4.93 | 53  | 140524 | 93.652 | ug/l   | 98     |
| 16) Acetone                   | 3.77 | 43  | 129677 | 94.761 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.01 | 76  | 115541 | 14.072 | ug/l   | 98     |
| 18) Methyl Acetate            | 4.27 | 43  | 71679  | 20.633 | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 190761 | 18.132 | ug/l   | 97     |
| 20) Methylene Chloride        | 4.51 | 84  | 59862  | 17.265 | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 52246  | 16.706 | ug/l   | 95     |
| 22) Diisopropyl ether         | 5.90 | 45  | 200387 | 17.597 | ug/l   | 99     |
| 23) Vinyl Acetate             | 5.84 | 43  | 820456 | 87.728 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 5.79 | 63  | 109006 | 17.533 | ug/l   | 99     |
| 25) 2-Butanone                | 6.78 | 43  | 195875 | 93.067 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 94428  | 17.251 | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 63355  | 17.897 | ug/l   | 99     |
| 28) Bromochloromethane        | 7.14 | 49  | 56385  | 19.642 | ug/l   | 96     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 131639 | 91.578 | ug/l   | 100    |
| 30) Chloroform                | 7.33 | 83  | 117822 | 18.889 | ug/l   | 96     |
| 31) Cyclohexane               | 7.61 | 56  | 86924  | 14.781 | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 99085  | 17.860 | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 78931  | 18.007 | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 83567  | 19.425 | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 87787  | 19.619 | ug/l   | 94     |

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 Operator : JC/MD  
 Sample : VN0929WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN0929WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 9/30/2020 1:20:37 PM

Quant Time: Sep 30 01:03:25 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 16 13:05:20 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 76624    | 16.107  | ug/l   | 96       |
| 40) Benzene                    | 8.00  | 78   | 232059   | 18.546  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.13  | 41   | 36210    | 18.714  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 102396   | 20.349  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.13  | 43   | 147013   | 19.111  | ug/l # | 90       |
| 44) Trichloroethene            | 8.80  | 130  | 59599    | 19.638  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 64021    | 18.786  | ug/l   | 99       |
| 46) Dibromomethane             | 9.17  | 93   | 46673    | 20.837  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.37  | 83   | 93405    | 20.073  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.17  | 41   | 70439    | 18.638  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.16  | 88   | 19571    | 360.847 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 436453   | 101.347 | ug/l   | 100      |
| 52) Toluene                    | 10.13 | 92   | 145632   | 19.358  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 99569    | 19.167  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 103649   | 18.916  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 60849    | 20.363  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 86428    | 18.527  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 104696   | 19.429  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 212661   | 86.902  | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.72 | 43   | 318855   | 102.198 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.87 | 129  | 68730    | 20.359  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 61550    | 19.826  | ug/l   | 96       |
| 64) Tetrachloroethene          | 10.60 | 164  | 56030    | 21.177  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.41 | 112  | 157421   | 19.086  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 60384    | 19.972  | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.49 | 91   | 287098   | 18.484  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.59 | 106  | 209070   | 37.332  | ug/l   | 100      |
| 69) o-Xylene                   | 11.92 | 106  | 100365   | 18.813  | ug/l   | 100      |
| 70) Styrene                    | 11.94 | 104  | 169598   | 18.957  | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 46298    | 20.555  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.23 | 105  | 273448   | 18.010  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.05 | 43   | 123133   | 17.132  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 87862    | 18.689  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 85445m   | 18.220  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 66740    | 19.541  | ug/l   | 94       |
| 78) n-propylbenzene            | 12.57 | 91   | 320774   | 18.139  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 197146   | 18.597  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 232450   | 18.360  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 30872    | 18.048  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 204162   | 18.228  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 187338   | 17.928  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.02 | 105  | 234092   | 18.305  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.15 | 105  | 247996   | 17.730  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 220078   | 17.839  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 121226   | 19.150  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 121163   | 18.826  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.59 | 91   | 194259   | 17.083  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 41383    | 17.616  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 120774   | 19.433  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 19894    | 17.771  | ug/l   | 96       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092920\  
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Acq On : 29 Sep 2020 14:40  
Operator : JC/MD  
Sample : VN0929WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0929WBSD01

Manual Integrations  
APPROVED

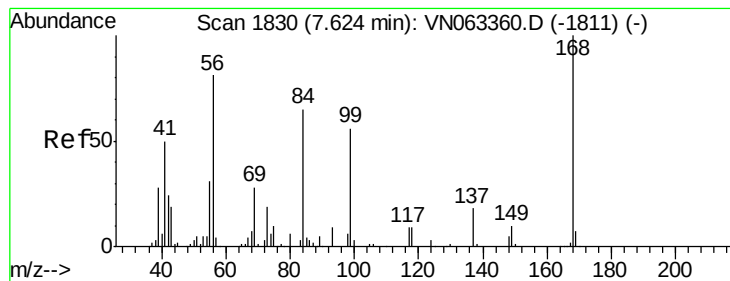
MMDadoda  
9/30/2020 1:20:37 PM

Quant Time: Sep 30 01:03:25 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 16 13:05:20 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 65187    | 17.792 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 32700    | 21.558 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 201545   | 16.650 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.29 | 180  | 61333    | 17.325 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0929WBSD01

Tot Ion:168 Resp: 250141

Ion Ratio Lower Upper

168 100

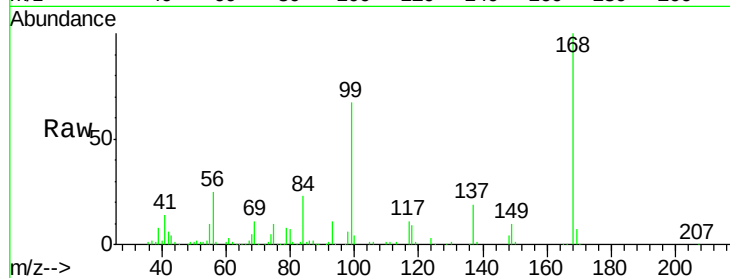
99 66.3 53.0 79.6

Manual Integrations

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9/30/2020 1:20:37 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

60000

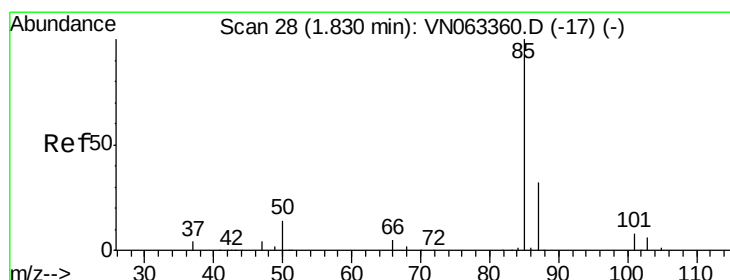
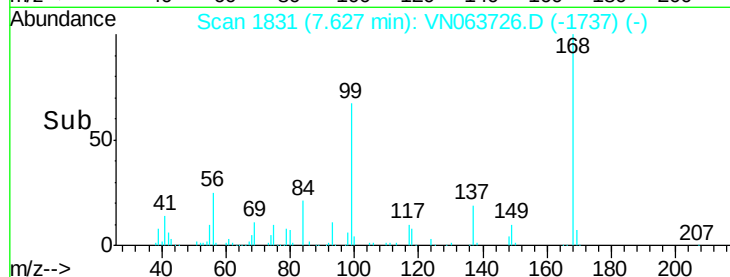
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 15.447 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063726.D

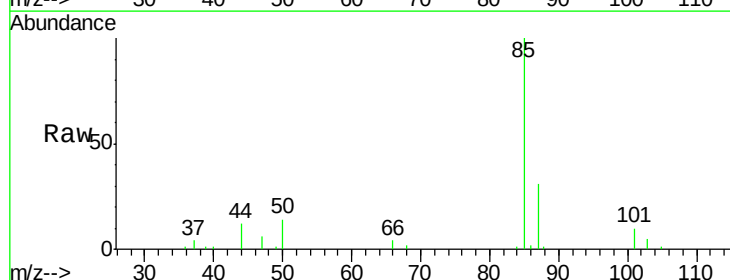
Acq: 29 Sep 2020 14:40

Tgt Ion: 85 Resp: 43774

Ion Ratio Lower Upper

85 100

87 30.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

30000

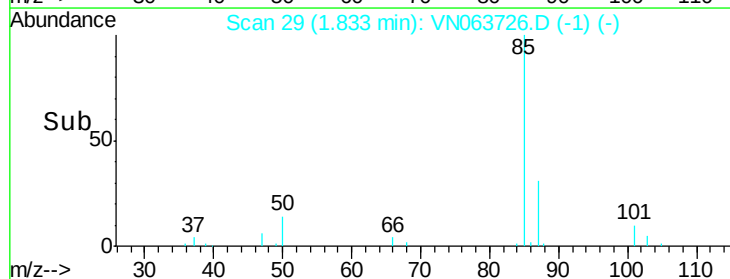
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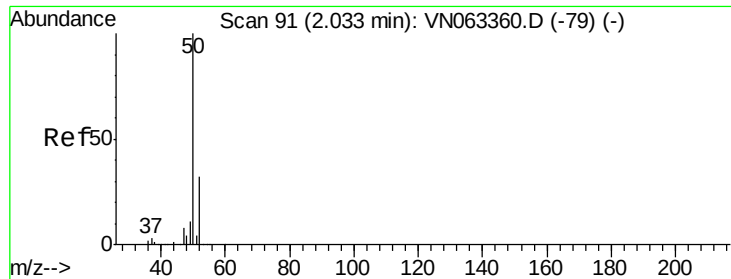
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0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 14.505 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0929WBSD01

Tot Ion: 50 Resp: 54378

Ion Ratio Lower Upper

50 100

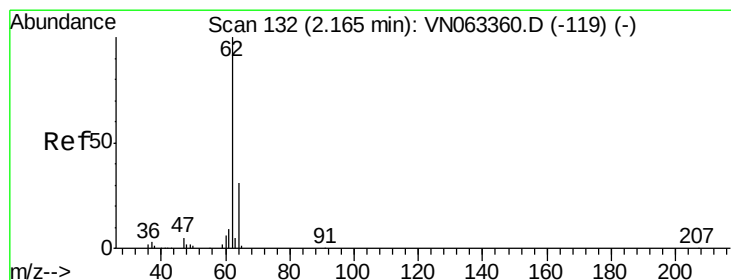
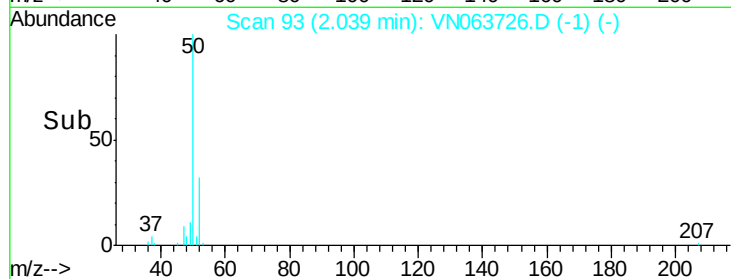
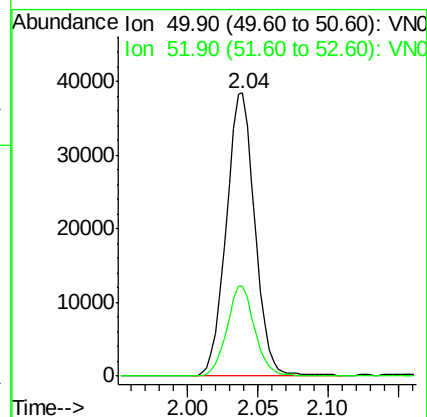
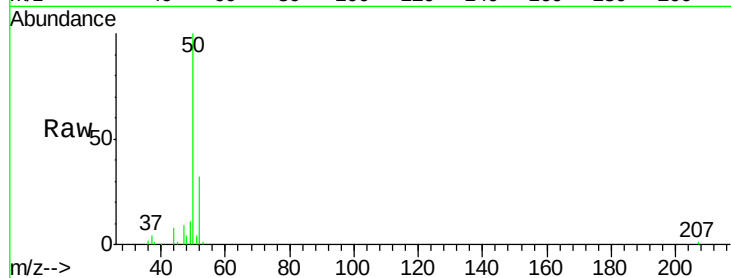
52 31.8 25.9 38.9

Manual Integrations

APPROVED

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9/30/2020 1:20:37 PM



#4

Vinyl Chloride

Concen: 16.251 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063726.D

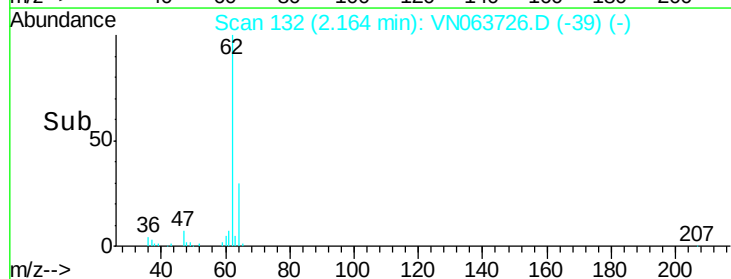
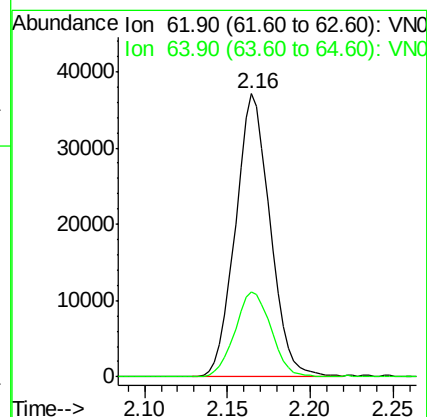
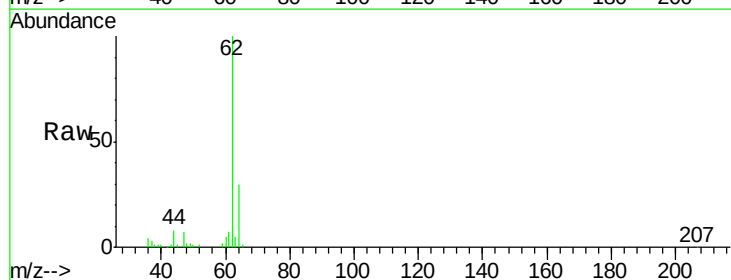
Acq: 29 Sep 2020 14:40

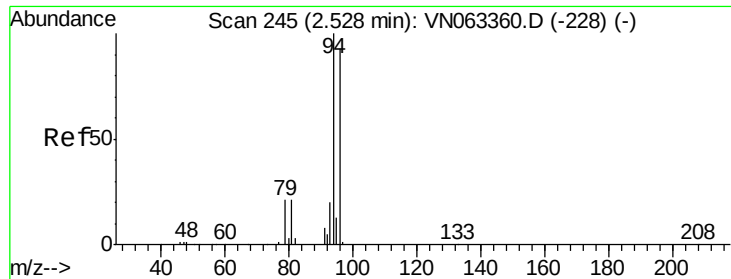
Tgt Ion: 62 Resp: 53977

Ion Ratio Lower Upper

62 100

64 29.9 25.1 37.7





#5

Bromomethane

Concen: 17.556 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0929WBSD01

Tot Ion: 94 Resp: 34623

Ion Ratio Lower Upper

94 100

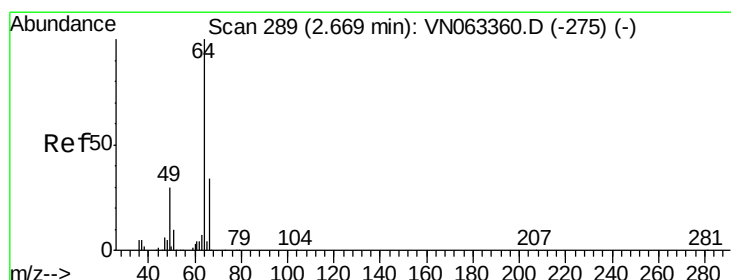
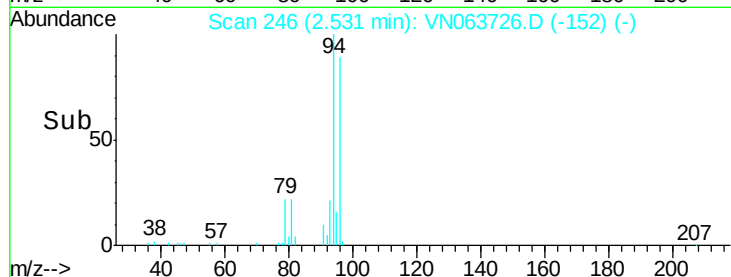
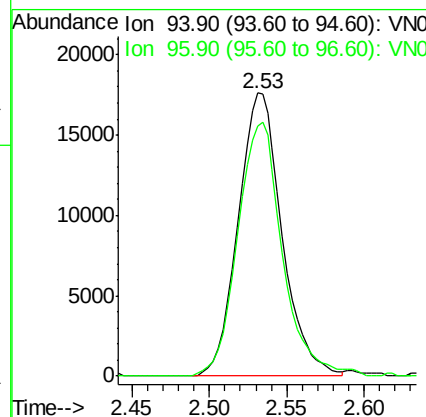
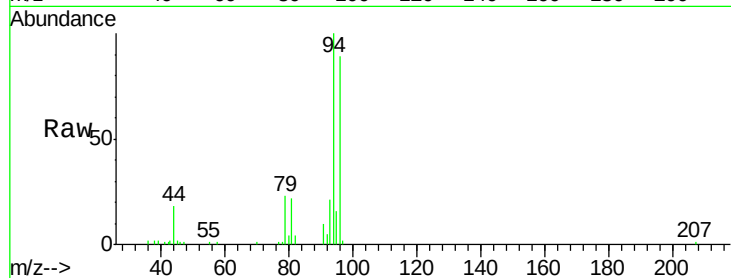
96 88.6 74.5 111.7

Manual Integrations

APPROVED

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9/30/2020 1:20:37 PM



#6

Chloroethane

Concen: 17.703 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063726.D

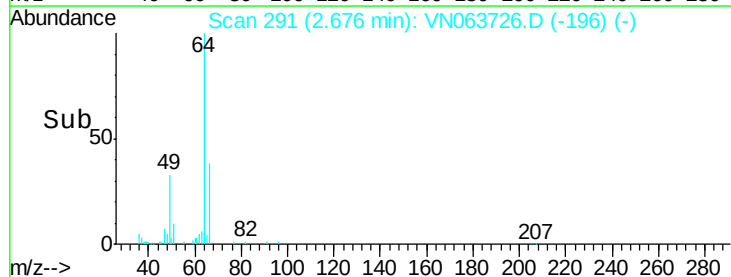
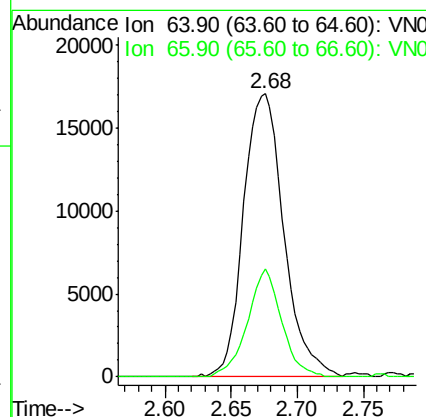
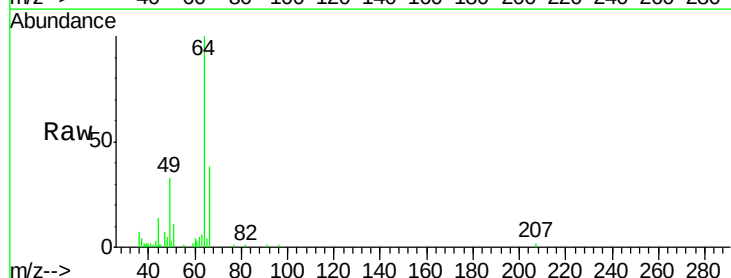
Acq: 29 Sep 2020 14:40

Tgt Ion: 64 Resp: 36093

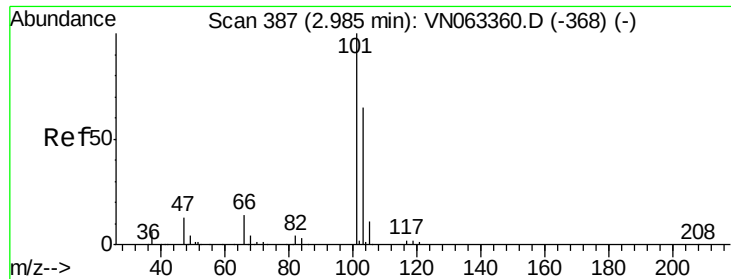
Ion Ratio Lower Upper

64 100

66 38.1 26.9 40.3







#7

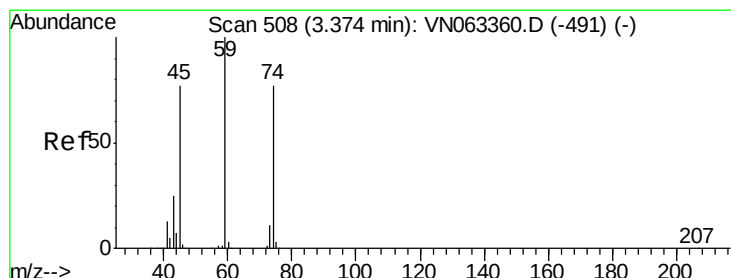
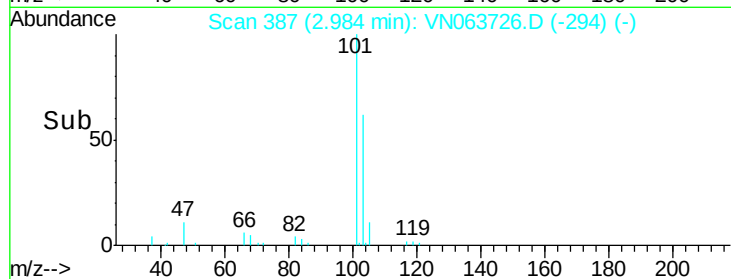
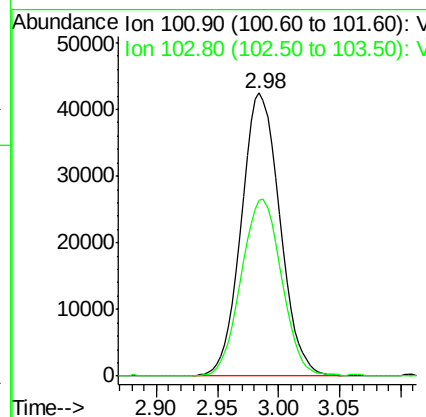
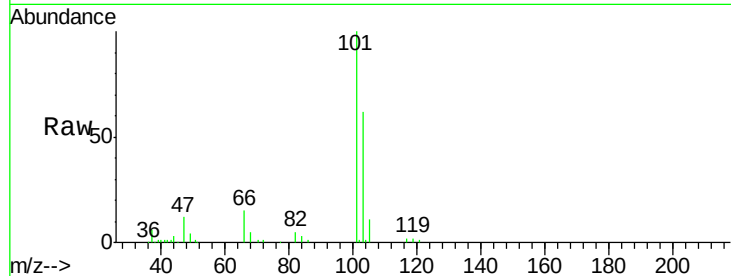
Trichlorofluoromethane  
Concen: 18.823 ug/l  
RT: 2.98 min Scan# 387  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0929WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.3  | 52.3  | 78.5  |

Manual Integrations  
APPROVED

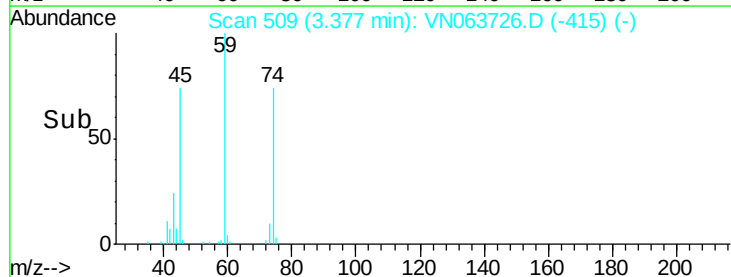
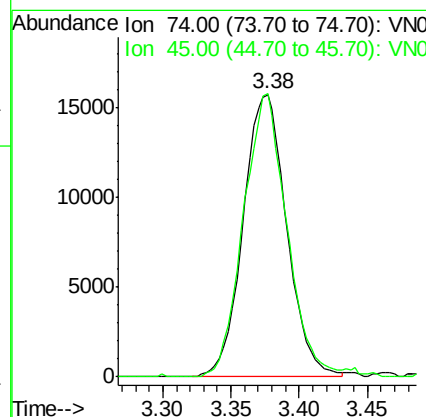
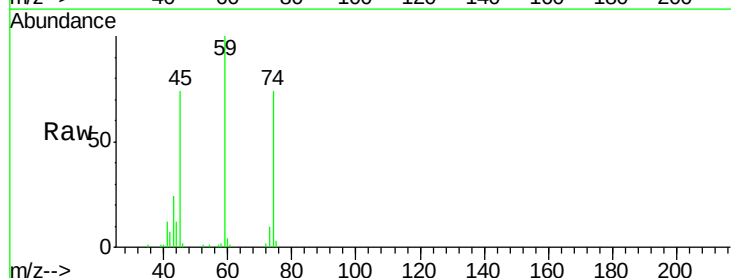
MMDadoda  
9/30/2020 1:20:37 PM



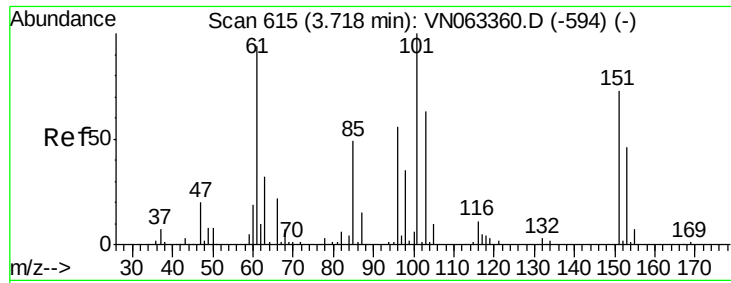
#8

Diethyl Ether  
Concen: 17.986 ug/l  
RT: 3.38 min Scan# 509  
Delta R.T. 0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 99.9  | 52.1  | 156.4 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.447 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

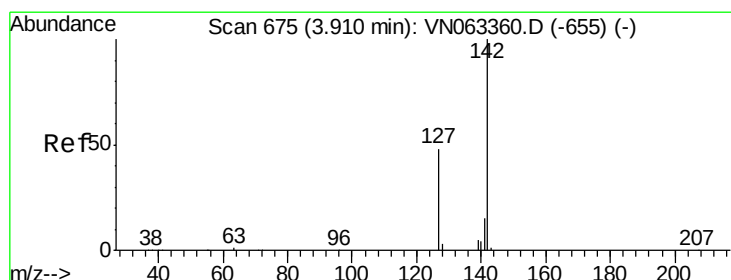
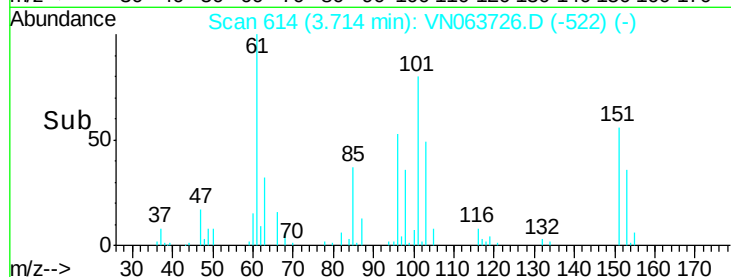
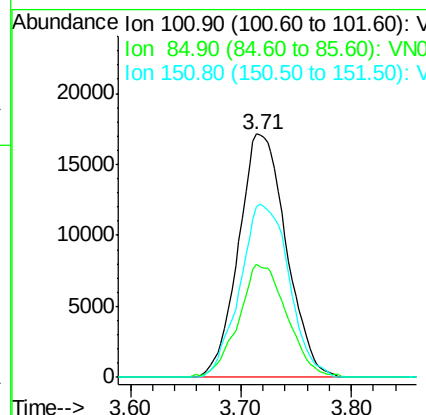
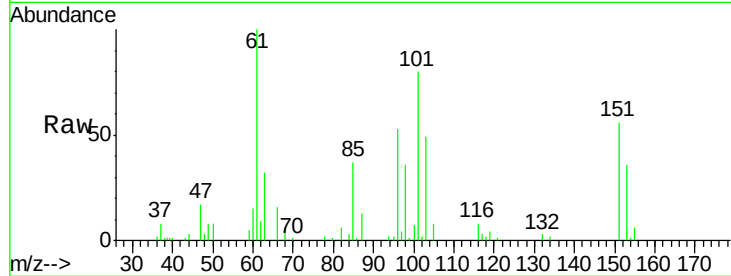
ClientSampleId :

VN0929WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 51410 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 47.0  | 37.7  | 56.5  |
| 151       | 73.2  | 57.7  | 86.5  |

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#10

Methyl Iodide

Concen: 15.269 ug/l

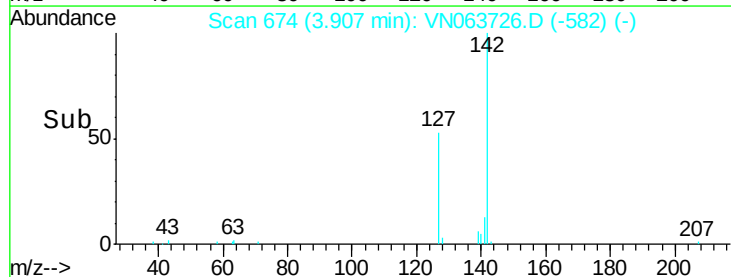
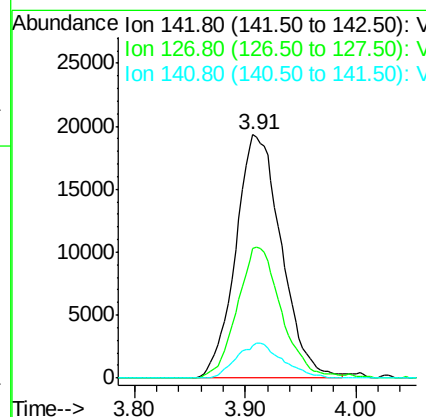
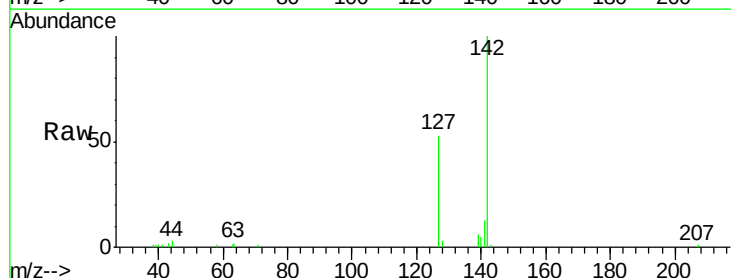
RT: 3.91 min Scan# 674

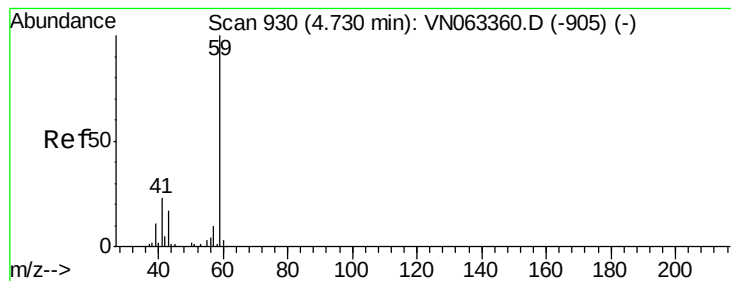
Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 55403 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 51.9  | 39.0  | 58.6  |
| 141       | 14.4  | 11.6  | 17.4  |





#11

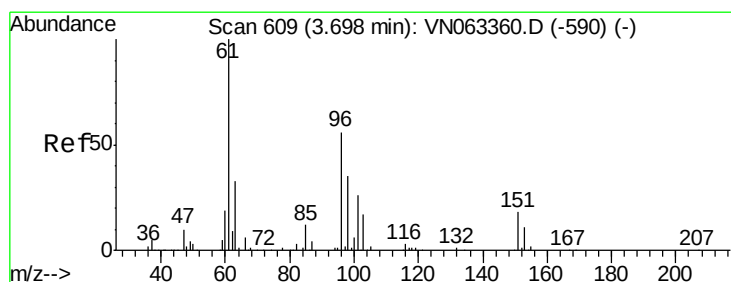
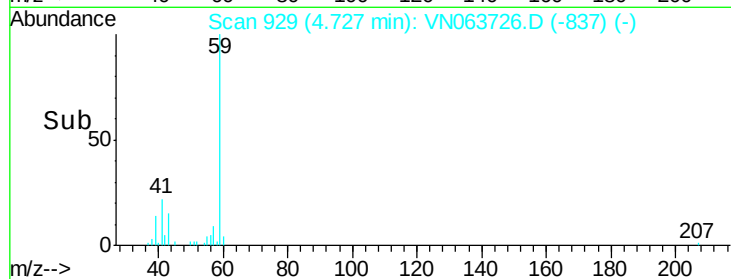
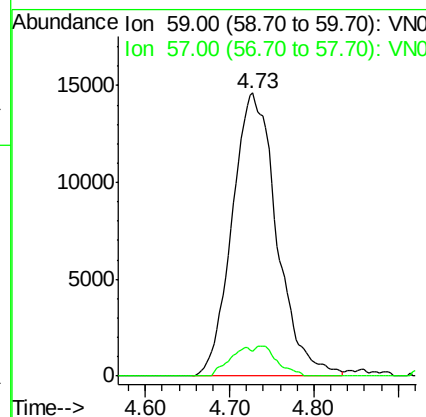
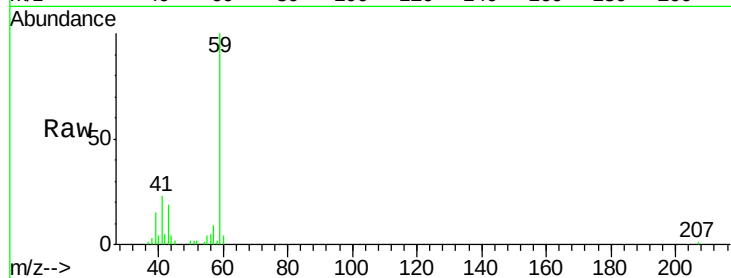
Tert butyl alcohol  
Concen: 91.171 ug/l  
RT: 4.73 min Scan# 929  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0929WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 5.2   | 8.4   | 12.6# |

Manual Integrations  
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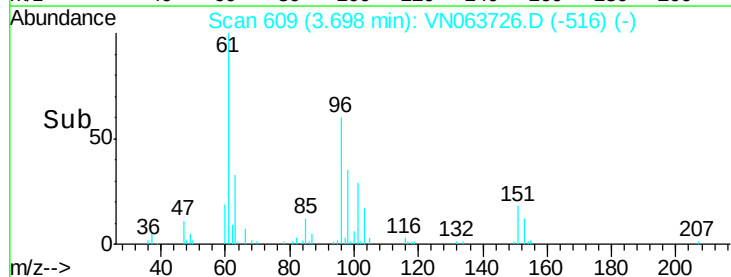
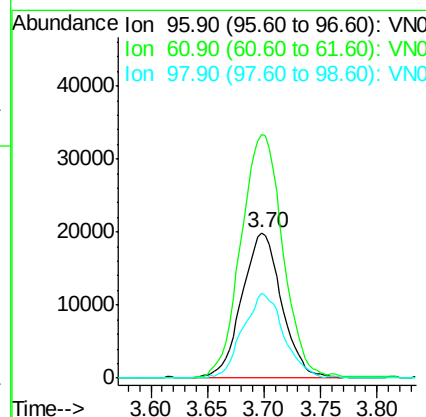
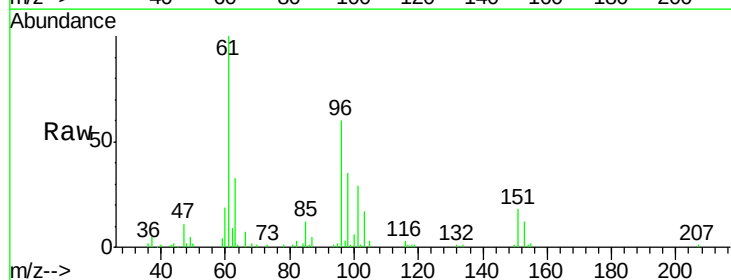
MMDadoda  
9/30/2020 1:20:37 PM

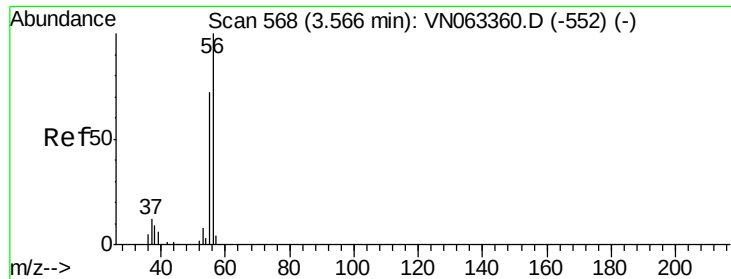


#12

1,1-Dichloroethene  
Concen: 17.240 ug/l  
RT: 3.70 min Scan# 609  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 167.6 | 143.4 | 215.2 |
| 98      | 58.4  | 50.6  | 76.0  |





#13

Acrolein

Concen: 57.117 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0929WBSD01

Tot Ion: 56 Resp: 12486

Ion Ratio Lower Upper

56 100

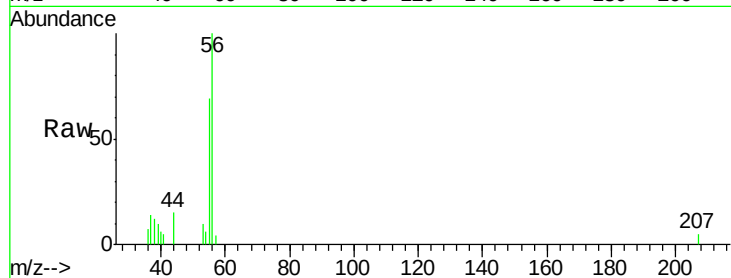
55 71.7 58.2 87.2

Manual Integrations

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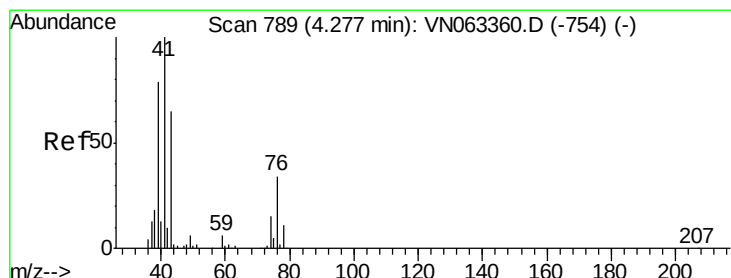
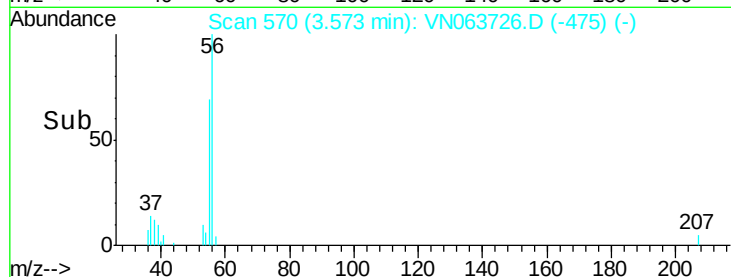
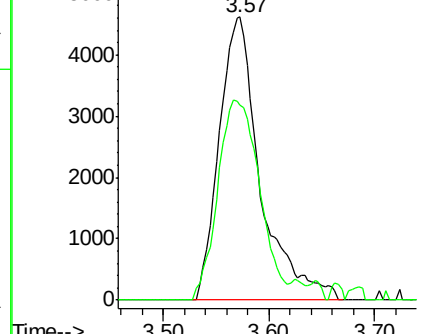
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 15.998 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

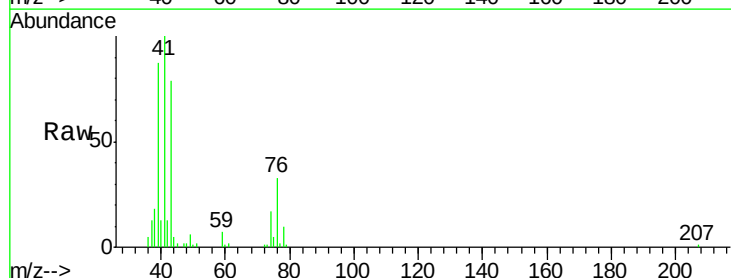
Tgt Ion: 41 Resp: 89329

Ion Ratio Lower Upper

41 100

39 82.7 59.3 88.9

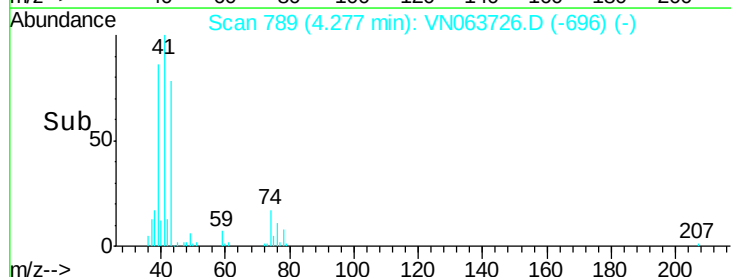
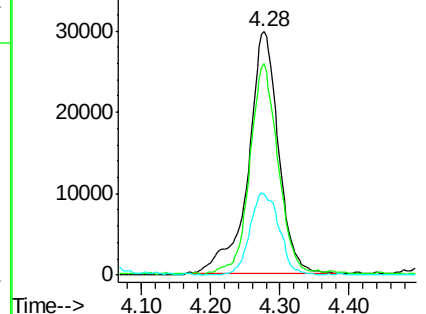
76 33.3 25.3 37.9

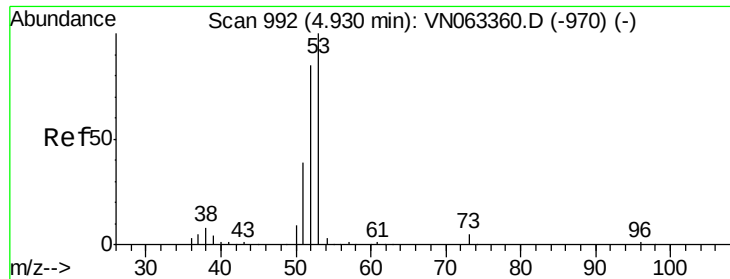


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 93.652 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

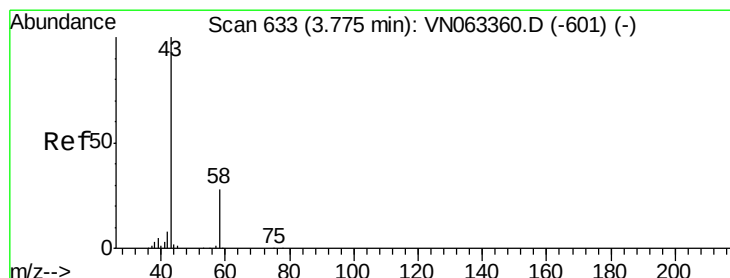
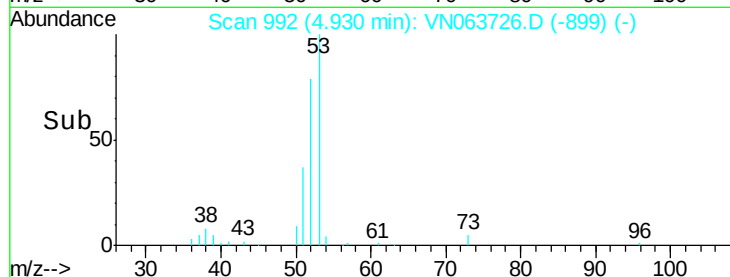
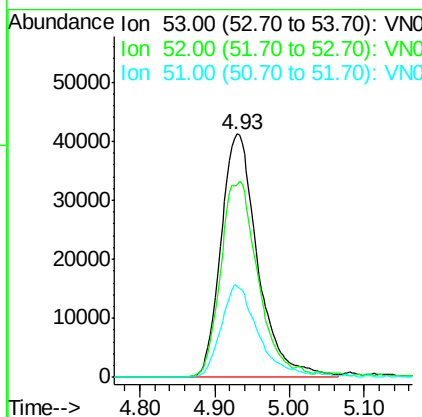
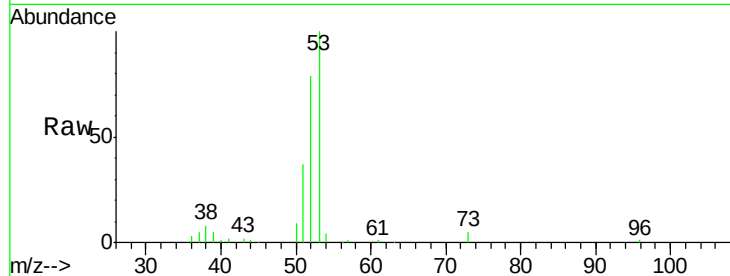
ClientSampleId :

VN0929WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 140524 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 80.9  | 66.4  | 99.6   |
| 51        | 38.0  | 30.2  | 45.4   |

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#16

Acetone

Concen: 94.761 ug/l

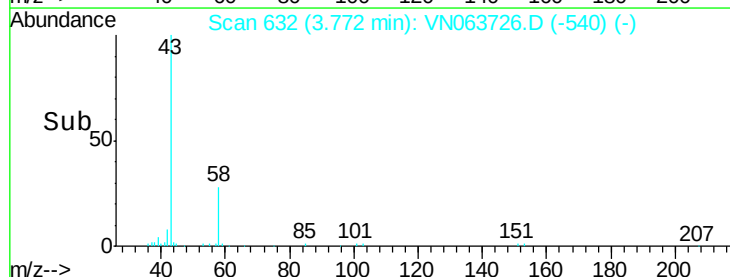
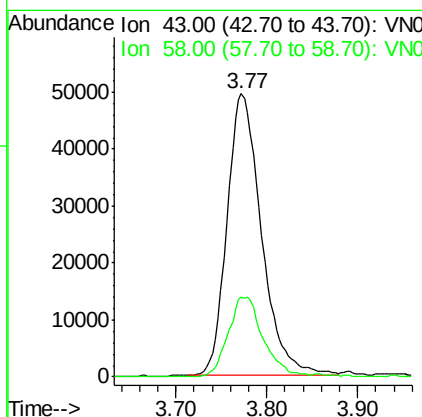
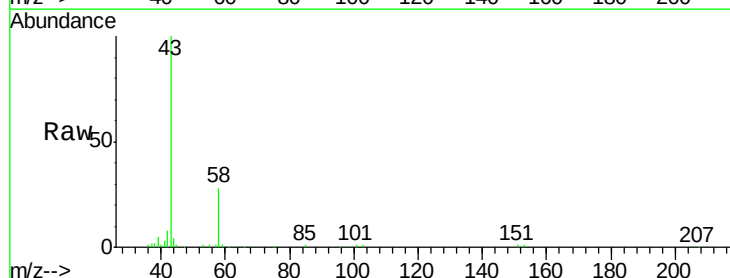
RT: 3.77 min Scan# 632

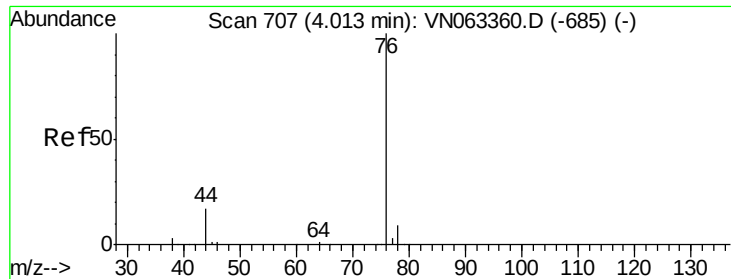
Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 129677 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 28.2  | 22.3  | 33.5   |





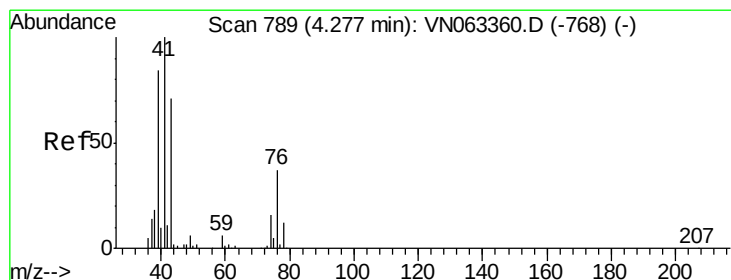
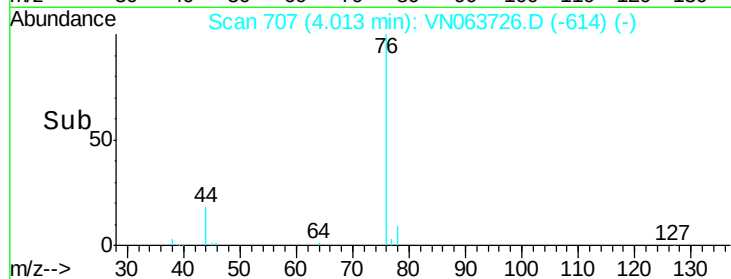
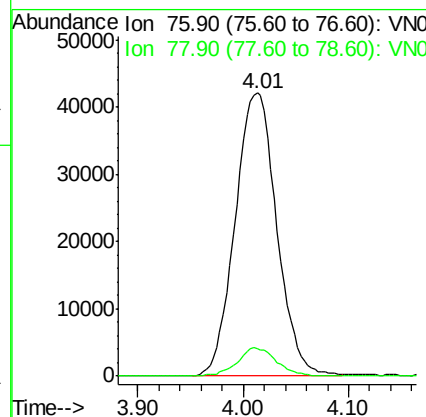
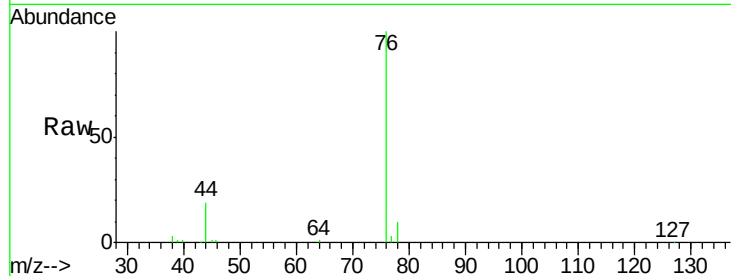
#17  
Carbon Disulfide  
Concen: 14.072 ug/l  
RT: 4.01 min Scan# 707  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0929WBSD01

Tot Ion: 76 Resp: 115541  
Ion Ratio Lower Upper  
76 100  
78 9.8 7.2 10.8

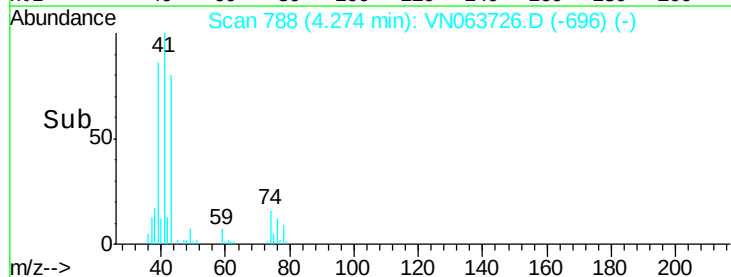
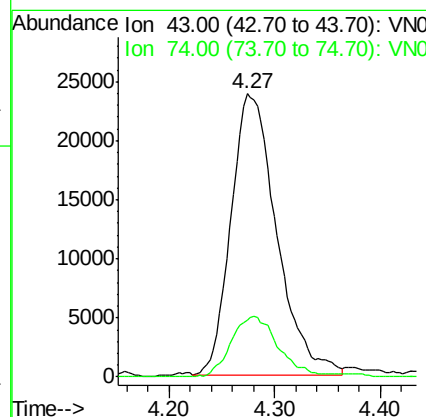
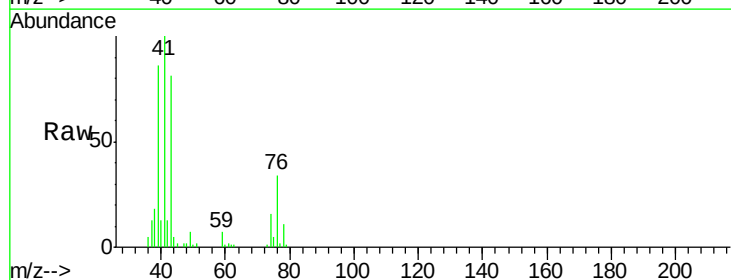
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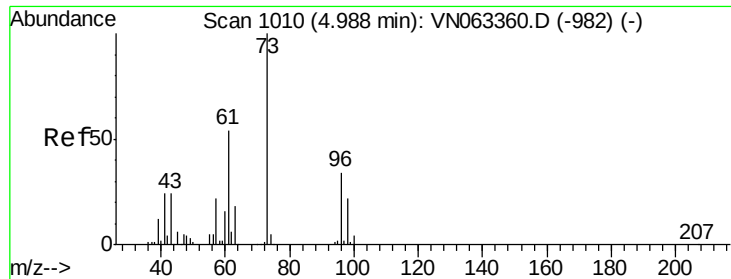
MMDadoda  
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#18  
Methyl Acetate  
Concen: 20.633 ug/l  
RT: 4.27 min Scan# 788  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Tgt Ion: 43 Resp: 71679  
Ion Ratio Lower Upper  
43 100  
74 22.2 17.4 26.2





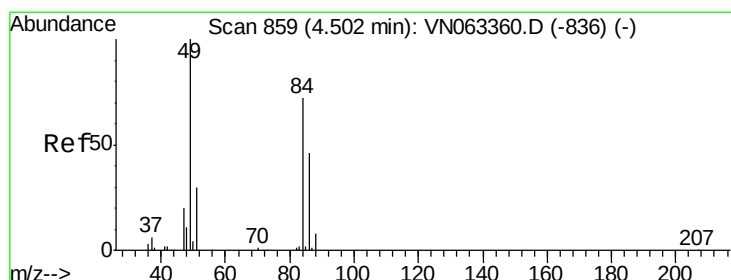
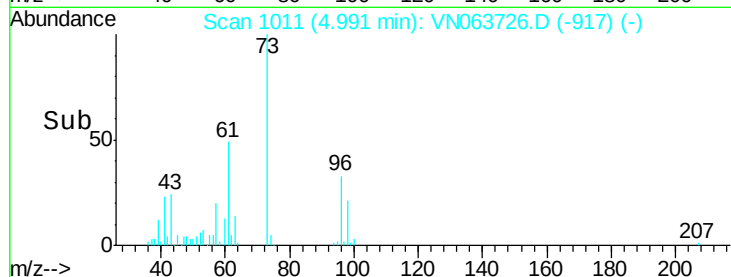
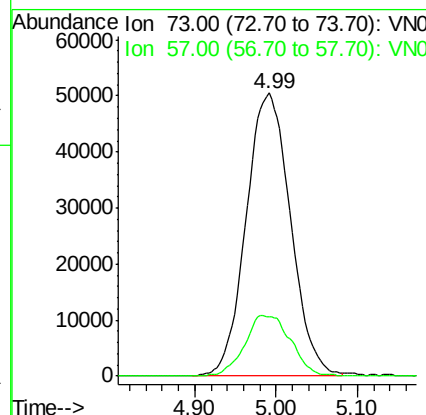
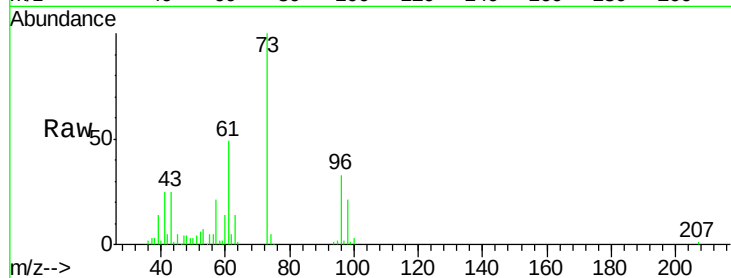
#19  
Methvl tert-butyl Ether  
Concen: 18.132 ug/l  
RT: 4.99 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0929WBSD01

Tot Ion: 73 Resp: 190761  
Ion Ratio Lower Upper  
73 100  
57 21.0 17.9 26.9

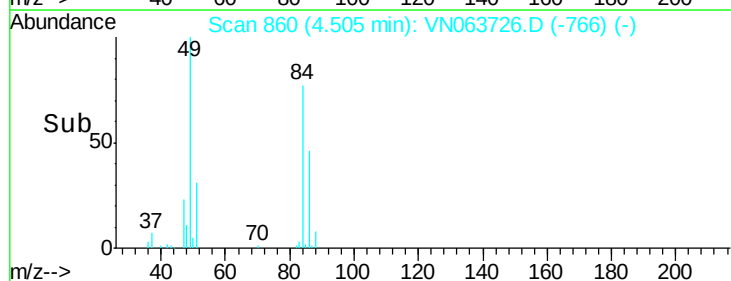
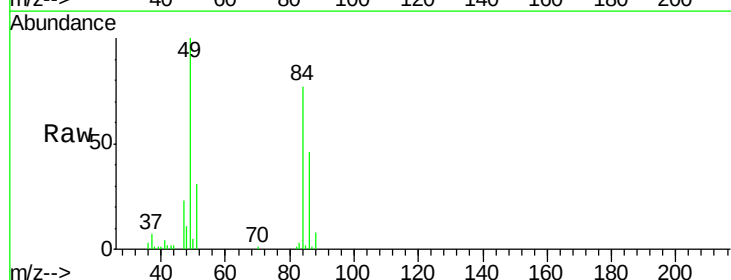
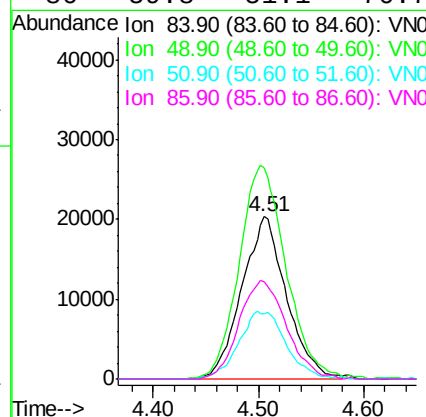
Manual Integrations  
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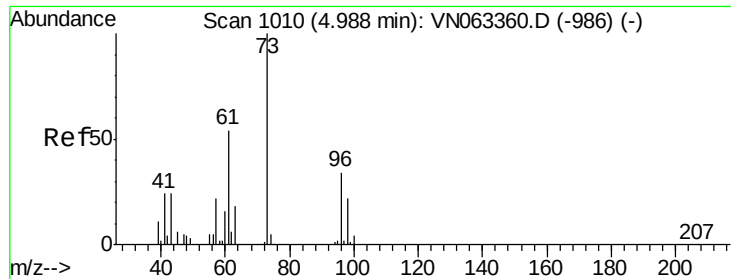
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#20  
Methylene Chloride  
Concen: 17.265 ug/l  
RT: 4.51 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Tgt Ion: 84 Resp: 59862  
Ion Ratio Lower Upper  
84 100  
49 129.3 110.7 166.1  
51 40.5 32.9 49.3  
86 59.8 51.1 76.7





#21

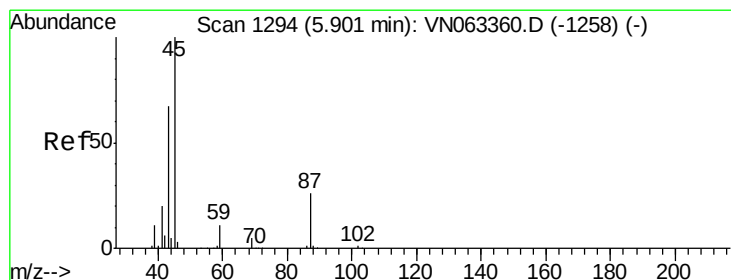
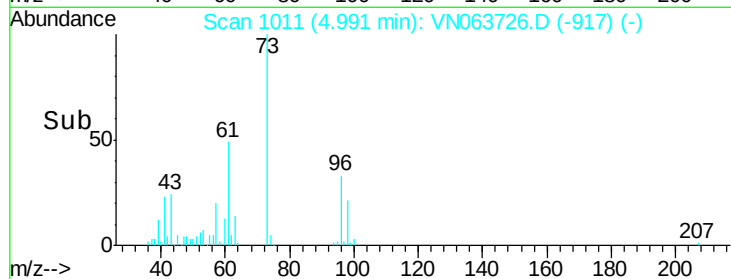
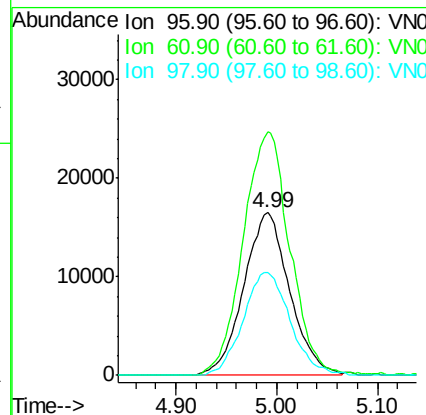
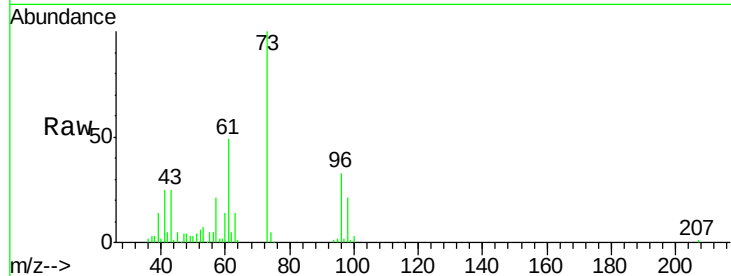
trans-1,2-Dichloroethene  
Concen: 16.706 ug/l  
RT: 4.99 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0929WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 149.5 | 126.2 | 189.4 |
| 98      | 63.3  | 51.0  | 76.4  |

Manual Integrations  
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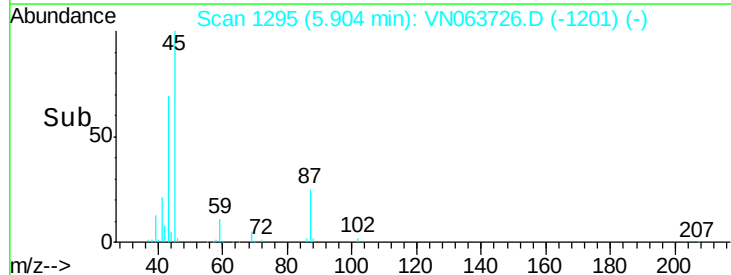
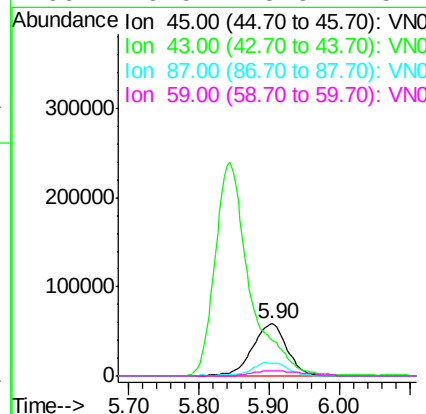
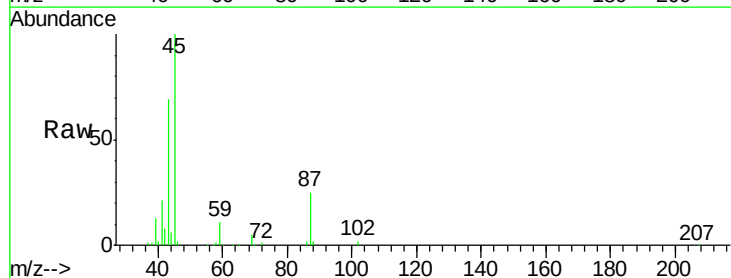
MMDadoda  
9/30/2020 1:20:37 PM



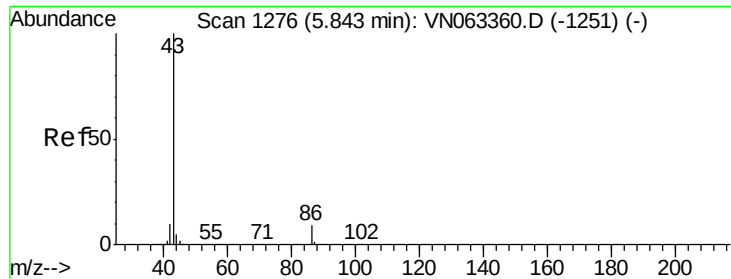
#22

Diisopropyl ether  
Concen: 17.597 ug/l  
RT: 5.90 min Scan# 1295  
Delta R.T. 0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 66.6  | 53.5  | 80.3  |
| 87      | 25.0  | 21.2  | 31.8  |
| 59      | 10.5  | 8.8   | 13.2  |







#23

Vinyl Acetate

Concen: 87.728 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

ClientSampleID :

VN0929WBSD01

Tot Ion: 43 Resp: 820456

Ion Ratio Lower Upper

43 100

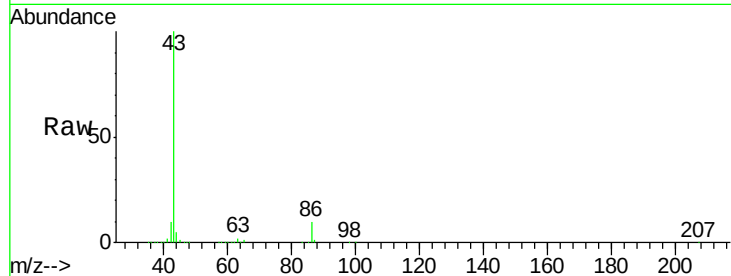
86 9.7 7.1 10.7

Manual Integrations

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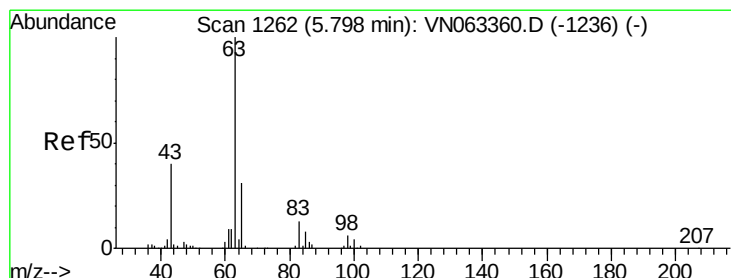
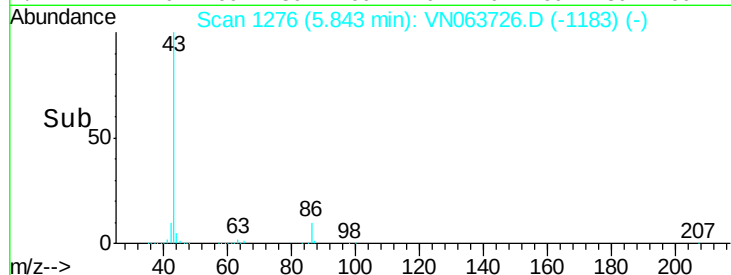
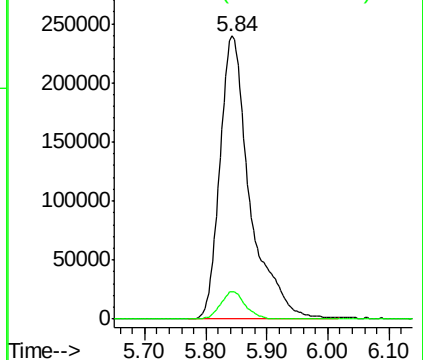
MMDadoda

9/30/2020 1:20:37 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 17.533 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

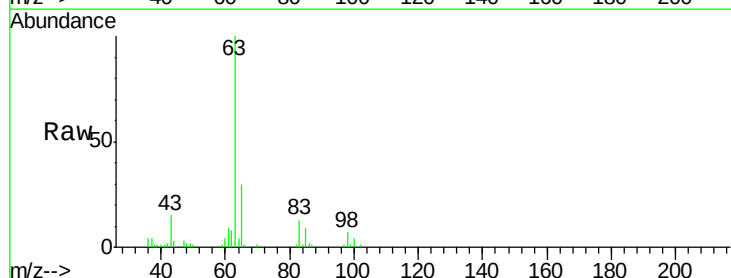
Tgt Ion: 63 Resp: 109006

Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

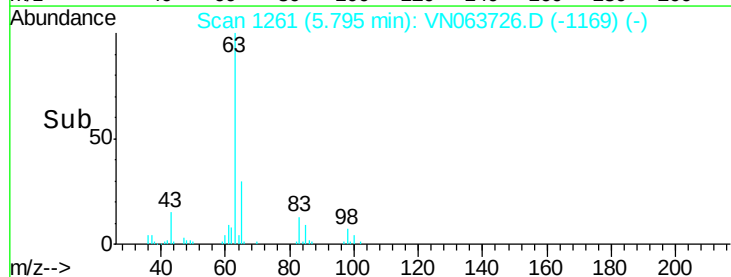
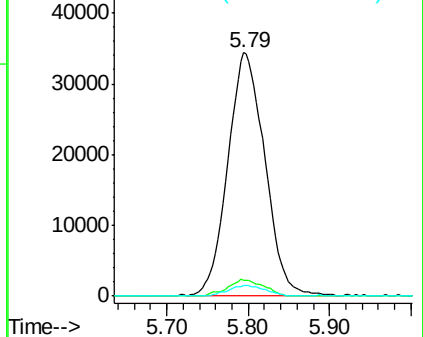
100 4.2 2.1 6.3

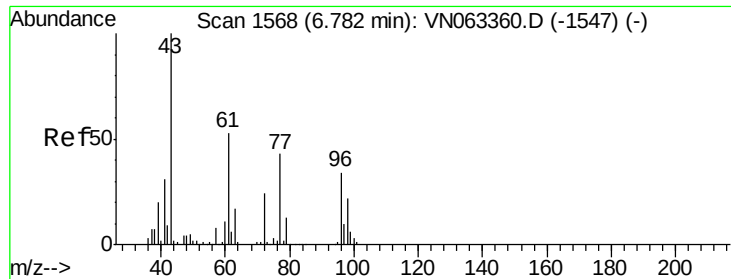


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





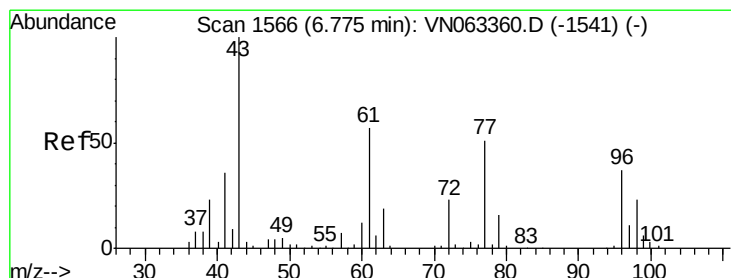
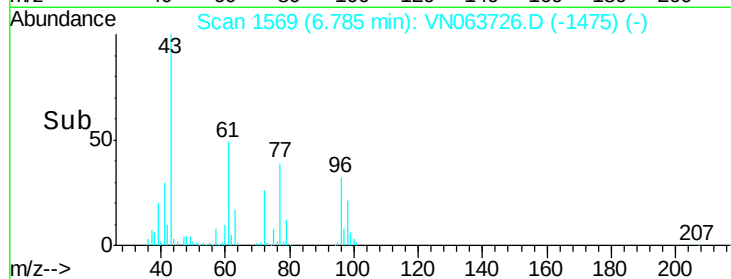
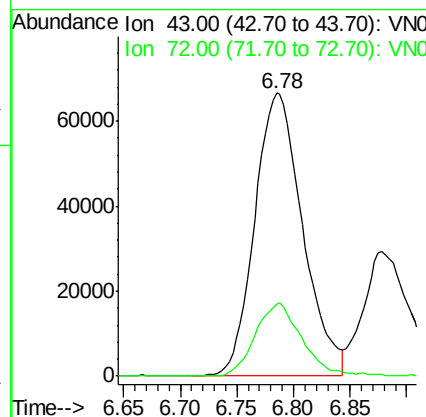
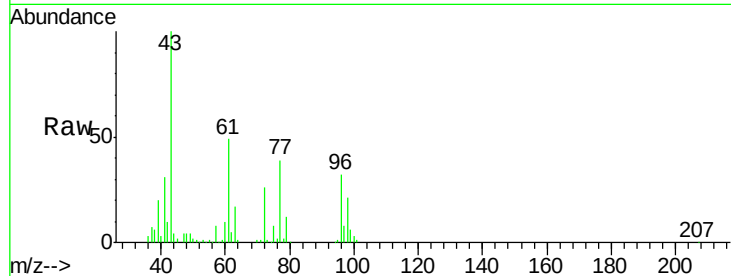
#25  
2-Butanone  
Concen: 93.067 ug/l  
RT: 6.78 min Scan# 1569  
Delta R.T. 0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0929WBSD01

Tot Ion: 43 Resp: 195875  
Ion Ratio Lower Upper  
43 100  
72 25.5 19.2 28.8

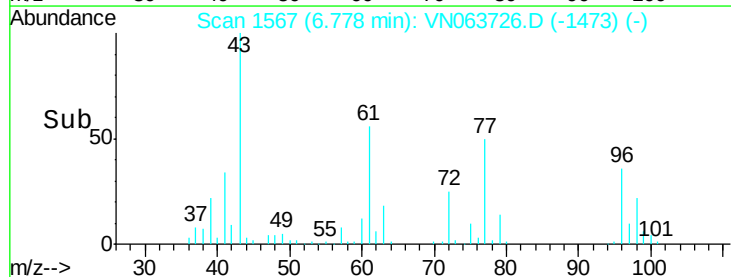
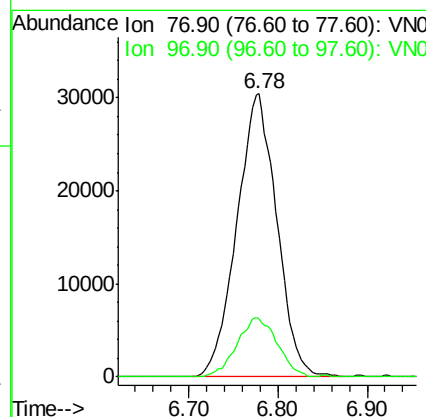
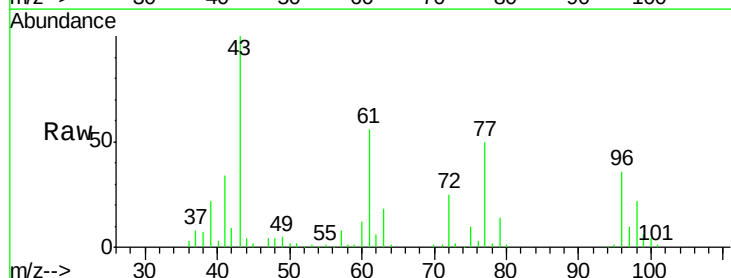
Manual Integrations  
APPROVED

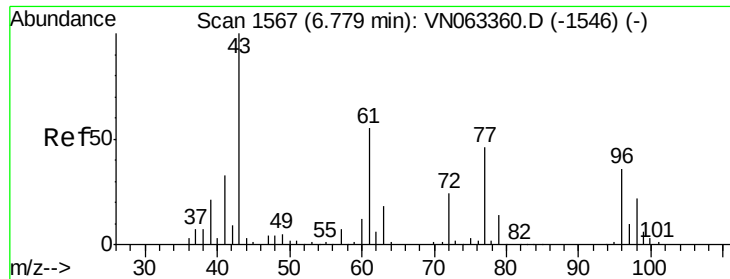
MMDadoda  
9/30/2020 1:20:37 PM



#26  
2,2-Dichloropropane  
Concen: 17.251 ug/l  
RT: 6.78 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Tgt Ion: 77 Resp: 94428  
Ion Ratio Lower Upper  
77 100  
97 20.9 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 17.897 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

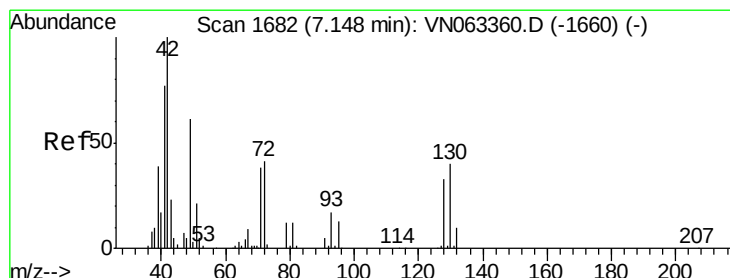
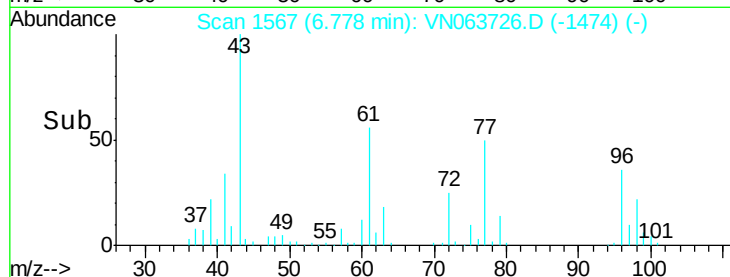
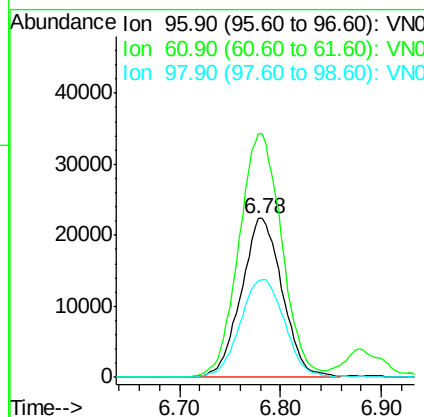
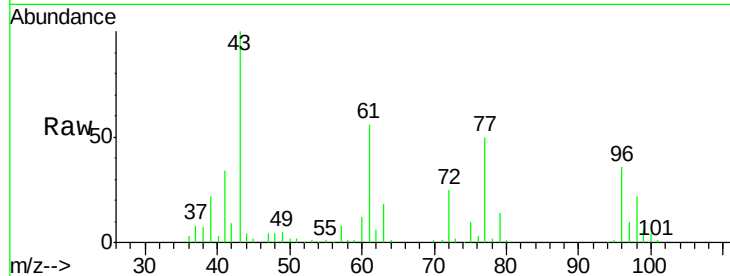
ClientSampleId :

VN0929WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 63355 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 159.2 | 0.0   | 319.6 |
| 98       | 66.3  | 0.0   | 127.8 |

Manual Integrations  
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#28

Bromochloromethane

Concen: 19.642 ug/l

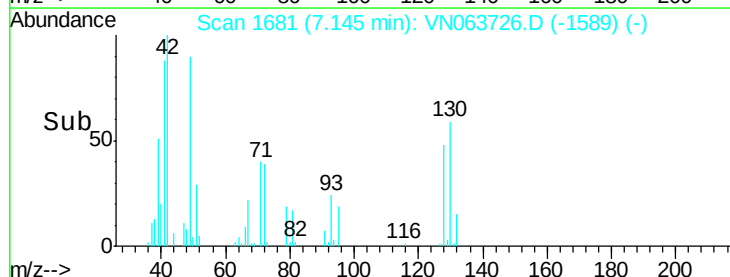
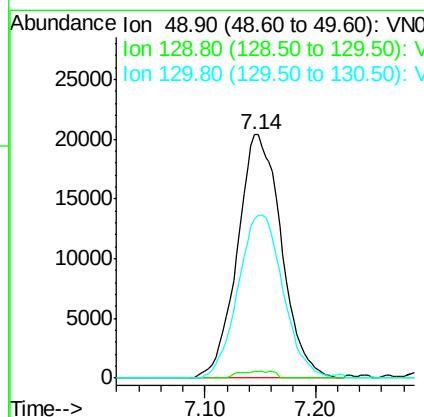
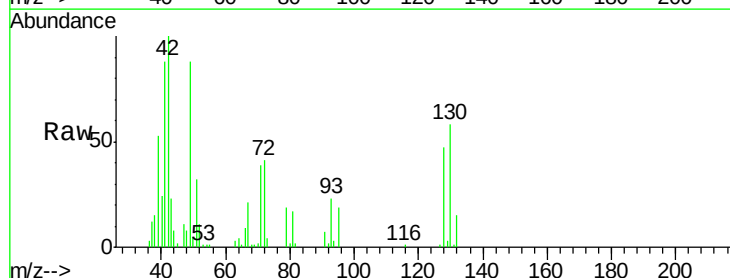
RT: 7.14 min Scan# 1681

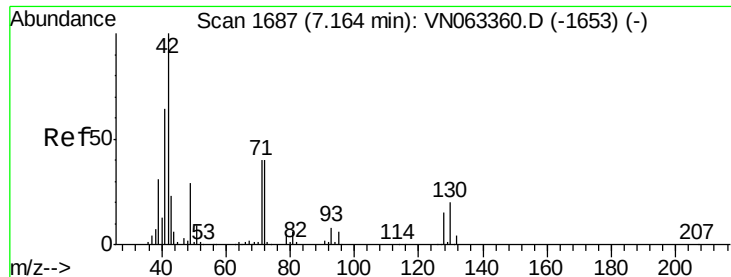
Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 56385 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.7   | 0.0   | 3.8   |
| 130      | 68.3  | 52.2  | 78.2  |





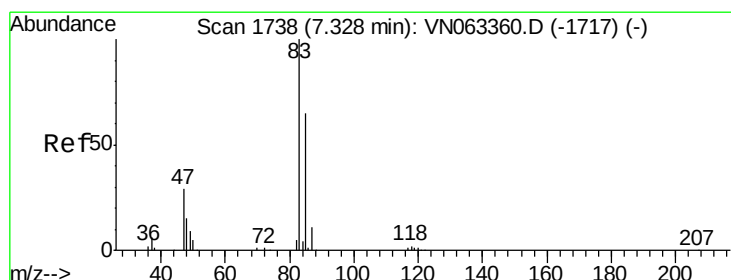
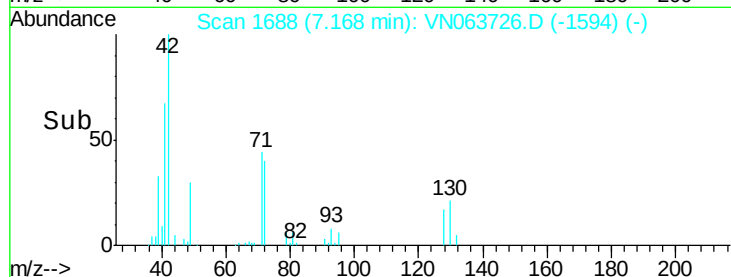
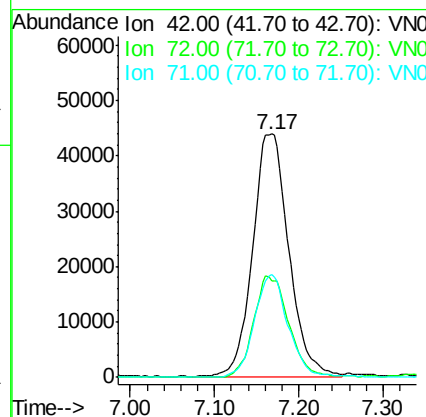
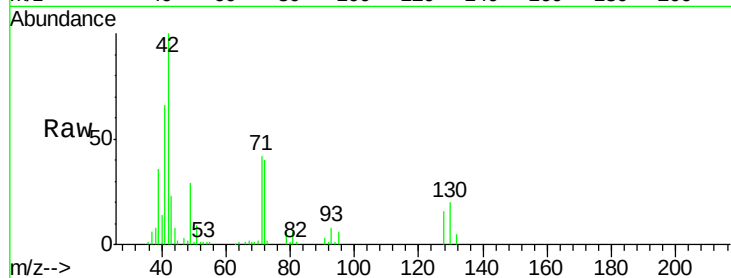
#29  
Tetrahydrofuran  
Concen: 91.578 ug/l  
RT: 7.17 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0929WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 42    | Resp: | 131639 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 40.5  | 32.1  | 48.1   |
| 71       | 39.1  | 31.2  | 46.8   |

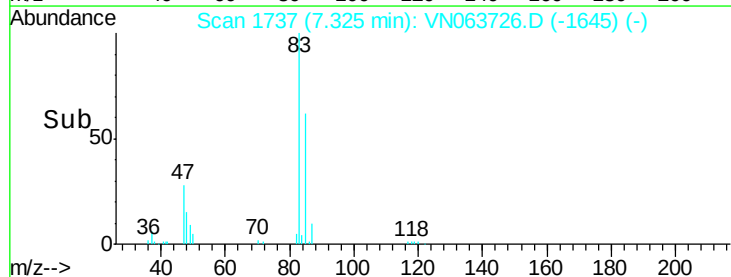
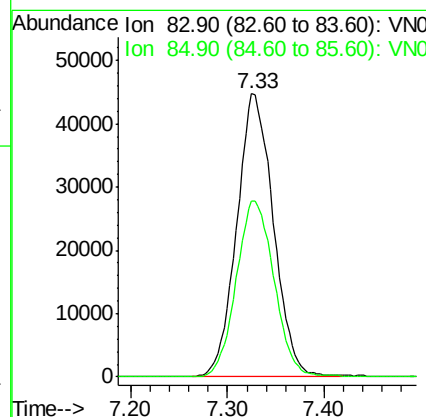
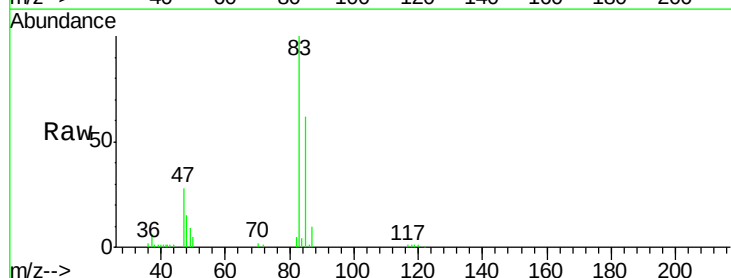
Manual Integrations  
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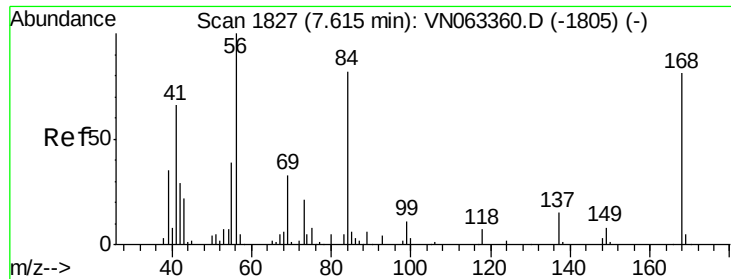
MMDadoda  
9/30/2020 1:20:37 PM



#30  
Chloroform  
Concen: 18.889 ug/l  
RT: 7.33 min Scan# 1737  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 117822 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.1  | 52.1  | 78.1   |





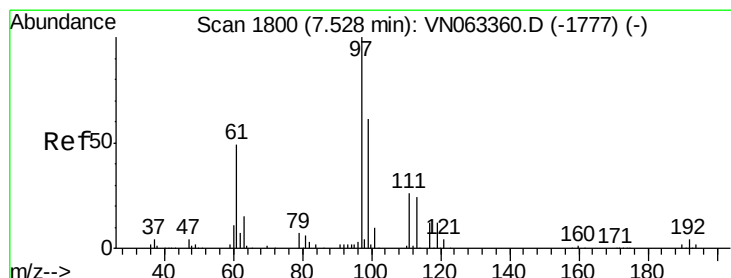
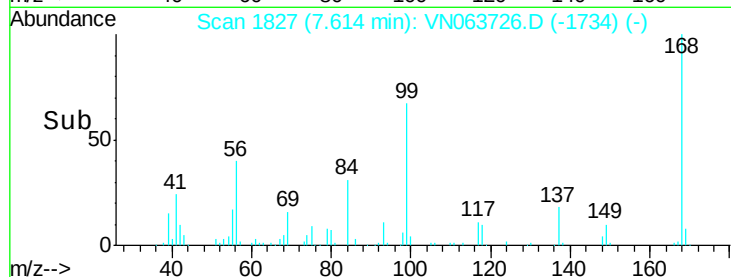
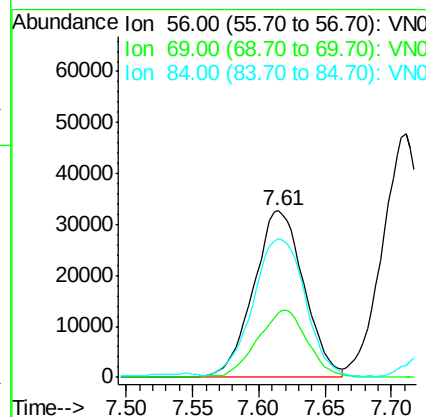
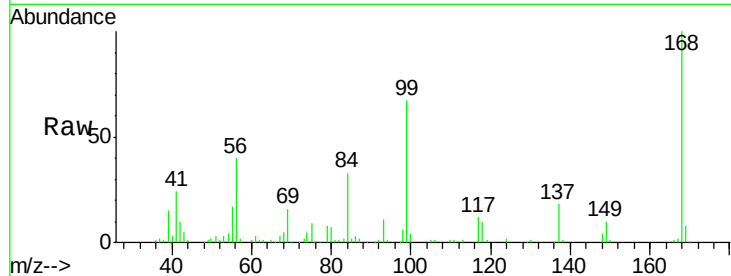
#31  
Cyclohexane  
Concen: 14.781 ug/l  
RT: 7.61 min Scan# 1827  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0929WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 38.8  | 26.1  | 39.1  |
| 84      | 81.1  | 65.4  | 98.2  |

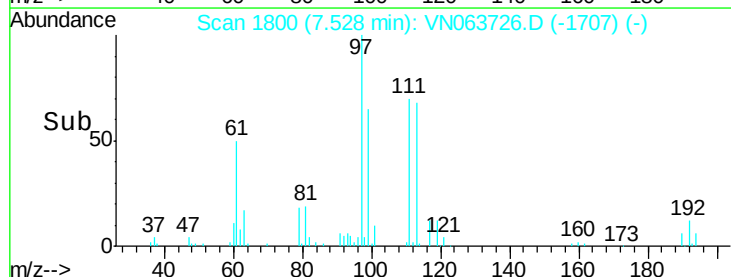
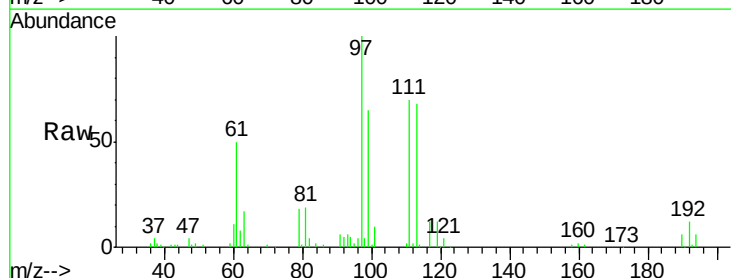
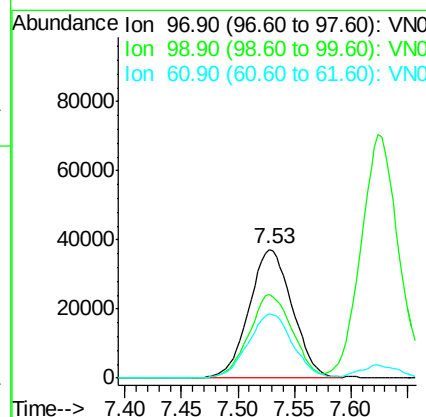
Manual Integrations  
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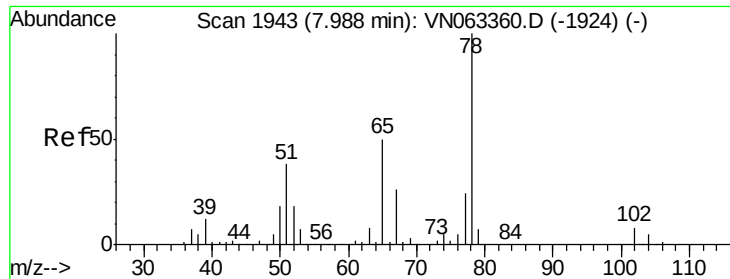
MMDadoda  
9/30/2020 1:20:37 PM



#32  
1,1,1-Trichloroethane  
Concen: 17.860 ug/l  
RT: 7.53 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.1  | 50.6  | 76.0  |
| 61      | 51.3  | 39.2  | 58.8  |





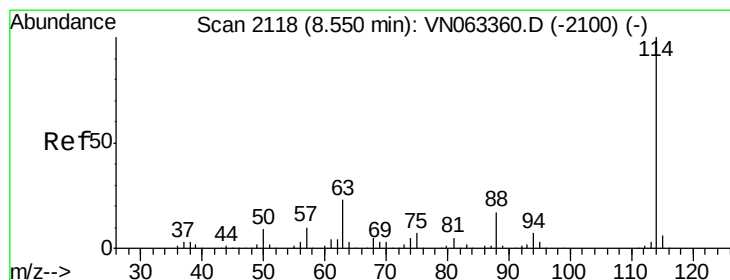
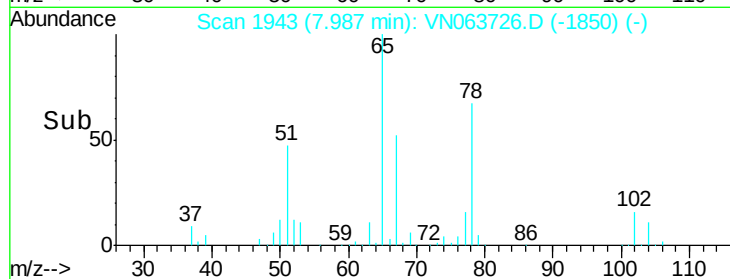
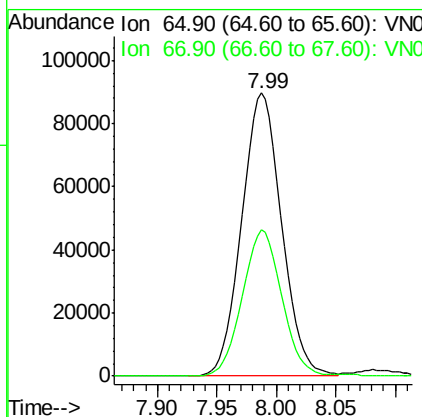
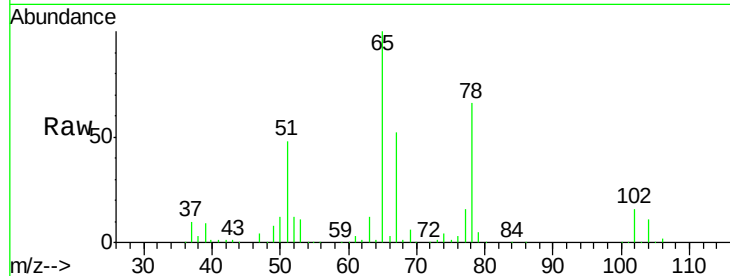
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.982 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0929WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 208568 |       |       |
| 67      | 51.0  | 0.0    | 104.2 |       |

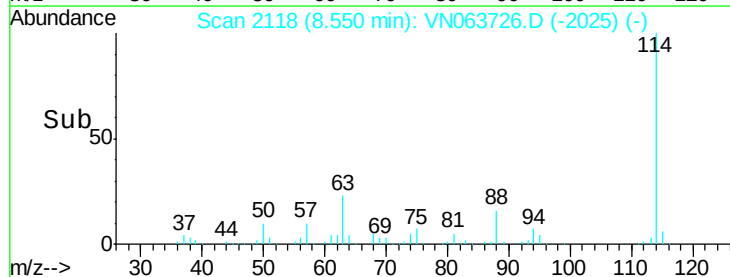
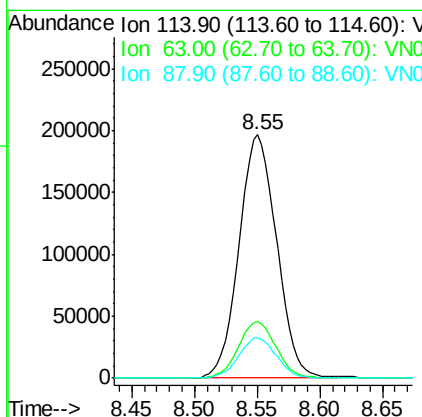
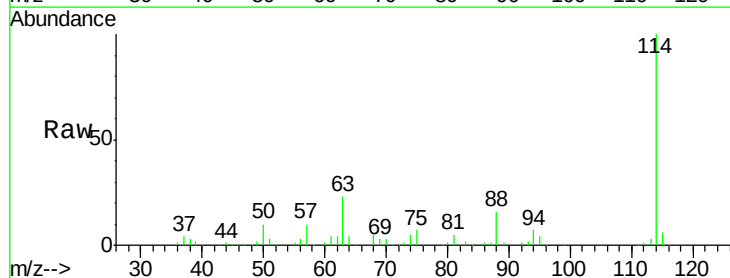
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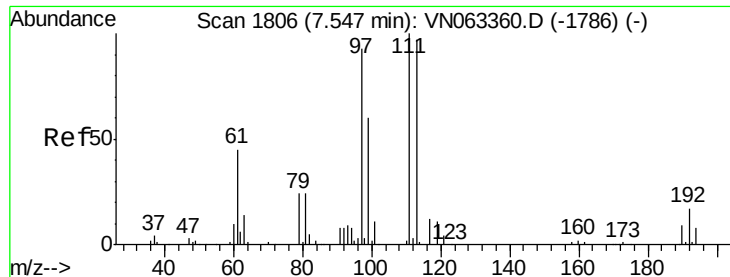
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 411441 |       |       |
| 63      | 23.2  | 0.0    | 46.4  |       |
| 88      | 16.4  | 0.0    | 33.2  |       |





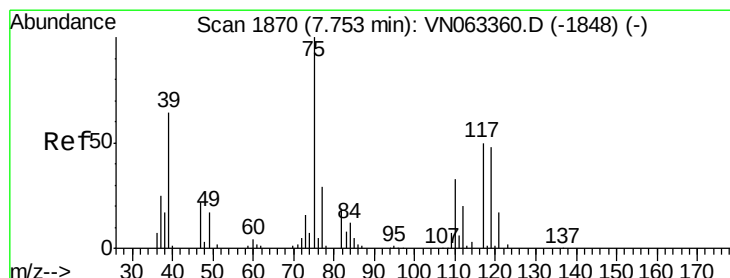
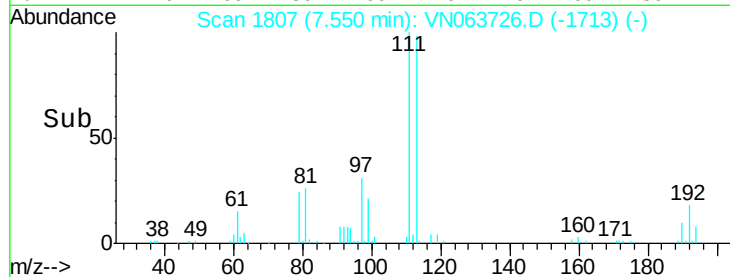
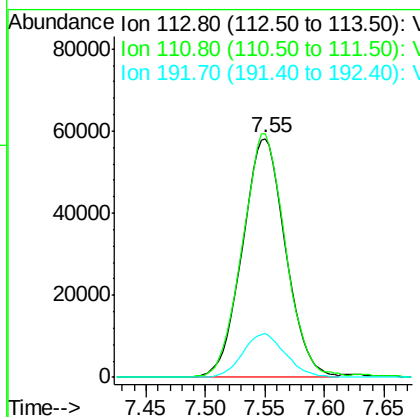
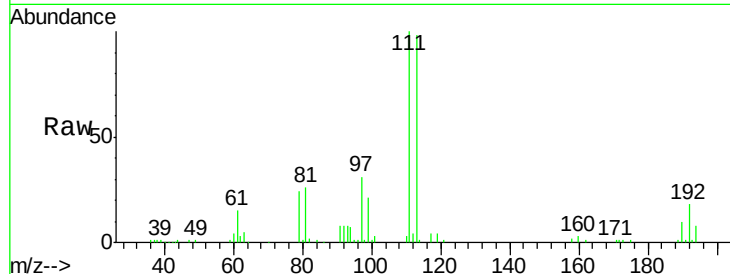
#35  
 Dibromofluoromethane  
 Concen: 51.337 ug/l  
 RT: 7.55 min Scan# 1807  
 Delta R.T. 0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0929WBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 113     | 100   |      |       |       |
| 111     | 101.7 | 82.9 | 124.3 |       |
| 192     | 18.1  | 13.9 | 20.9  |       |

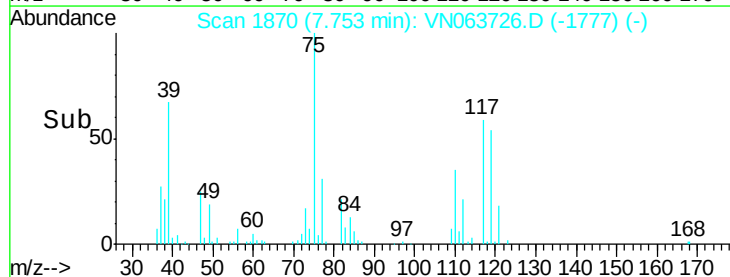
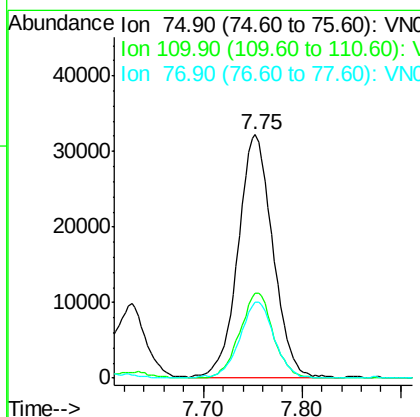
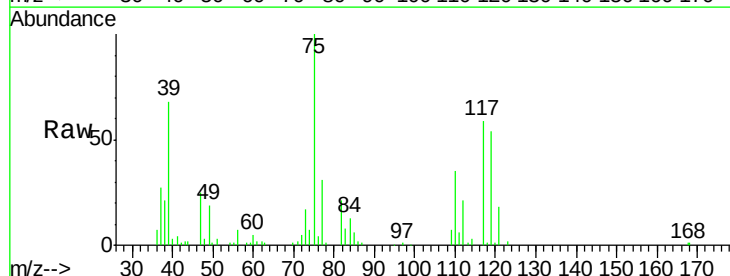
Manual Integrations  
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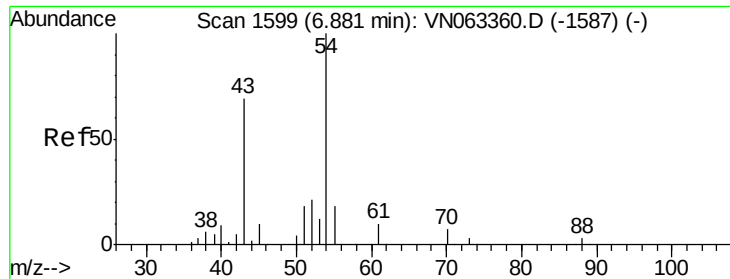
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#36  
 1,1-Dichloropropene  
 Concen: 18.007 ug/l  
 RT: 7.75 min Scan# 1870  
 Delta R.T. -0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 110     | 33.5  | 16.5 | 49.5  |       |
| 77      | 30.7  | 24.6 | 36.8  |       |





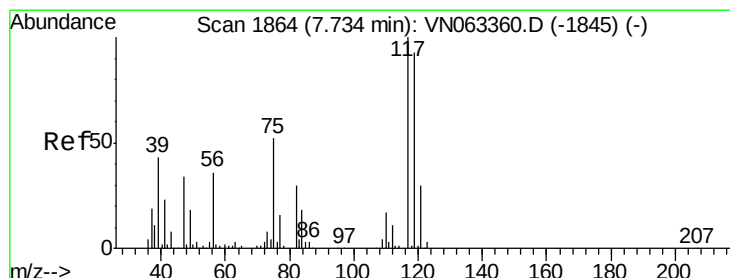
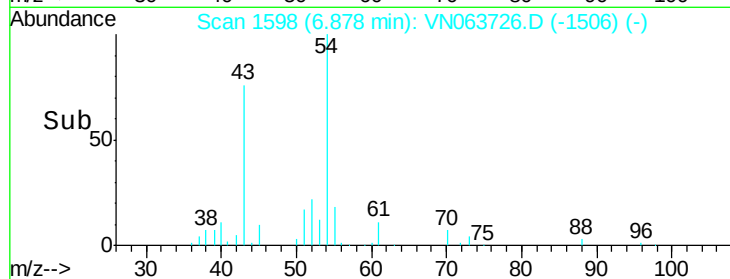
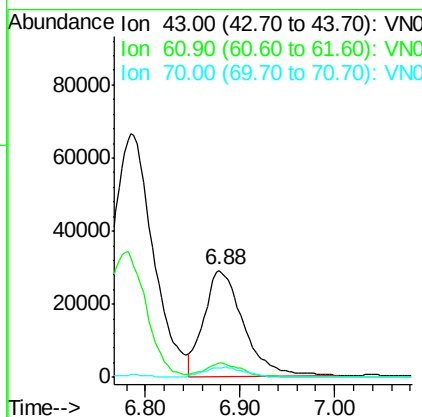
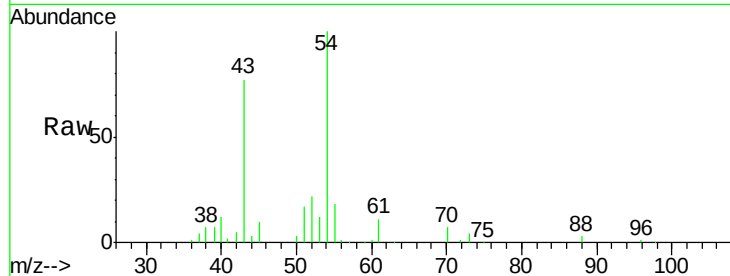
#37  
Ethyl Acetate  
Concen: 19.425 ug/l  
RT: 6.88 min Scan# 1598  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0929WBSD01

| Tot Ion | 43    | 61   | 70   |
|---------|-------|------|------|
| Resp    | 83567 |      |      |
| Ratio   | 100   | 13.2 | 10.0 |
| Lower   |       | 10.6 | 7.2  |
| Upper   |       | 15.8 | 10.8 |

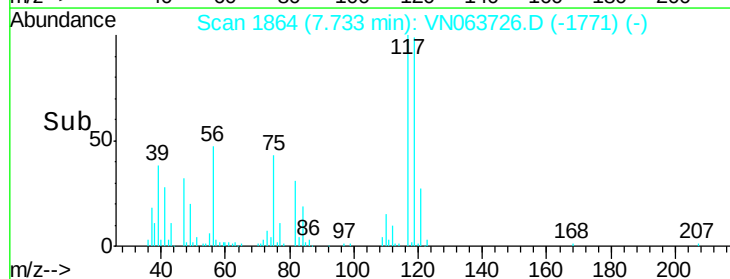
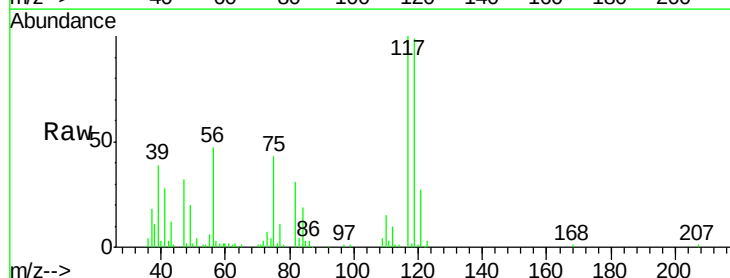
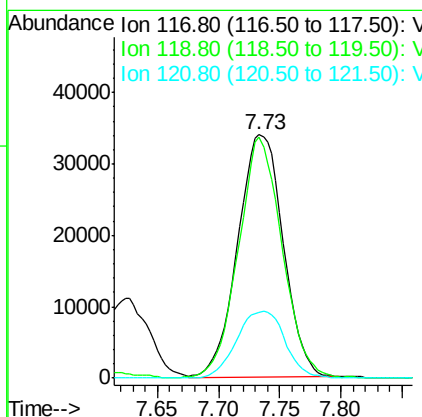
Manual Integrations  
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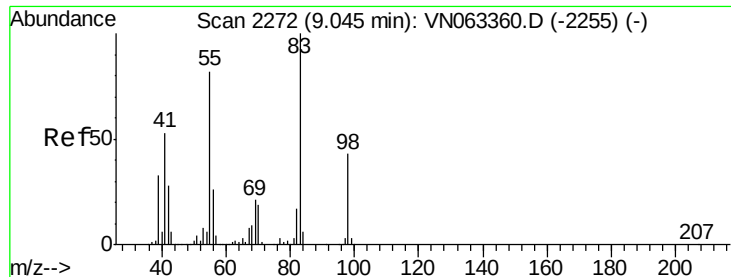


#38  
Carbon Tetrachloride  
Concen: 19.619 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

| Tgt Ion | 117   | 119   | 121  |
|---------|-------|-------|------|
| Resp    | 87787 |       |      |
| Ratio   | 100   | 99.1  | 27.1 |
| Lower   |       | 74.5  | 24.1 |
| Upper   |       | 111.7 | 36.1 |







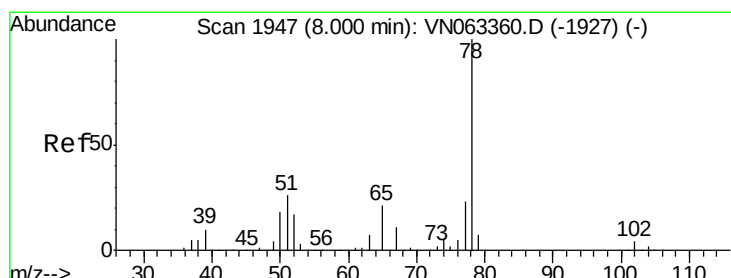
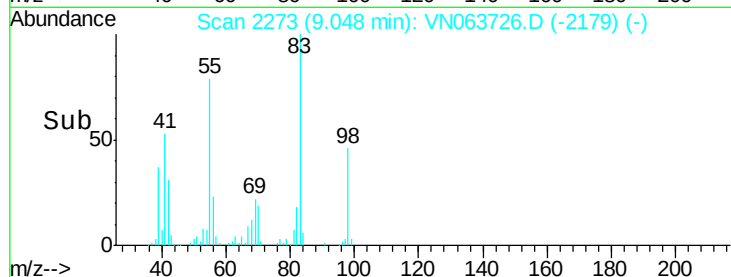
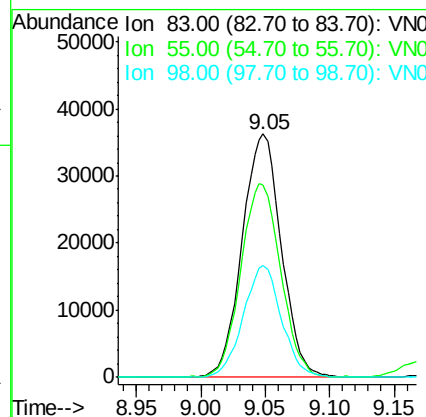
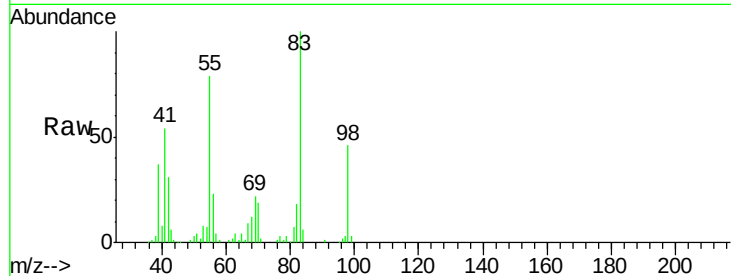
#39  
Methylvlcyclohexane  
Concen: 16.107 ug/l  
RT: 9.05 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0929WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 78.9  | 65.5  | 98.3  |
| 98      | 45.9  | 34.2  | 51.4  |

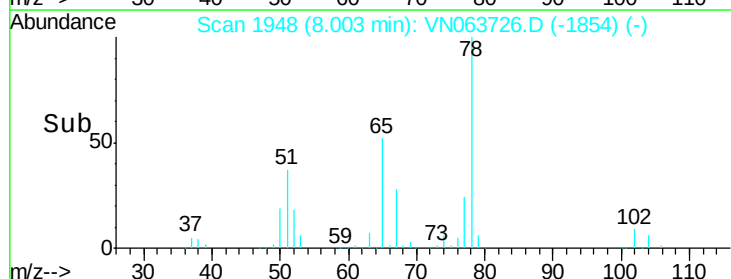
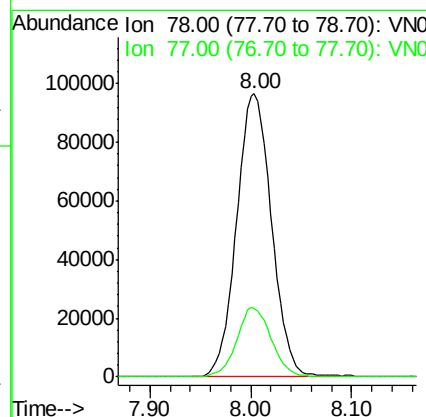
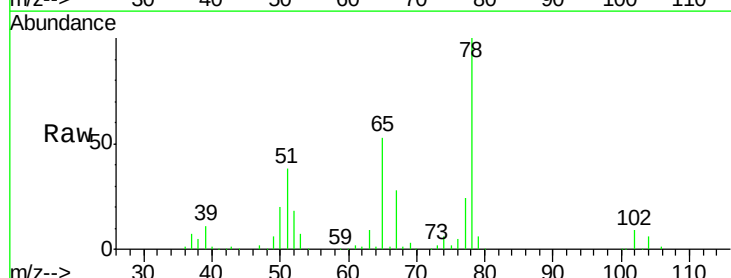
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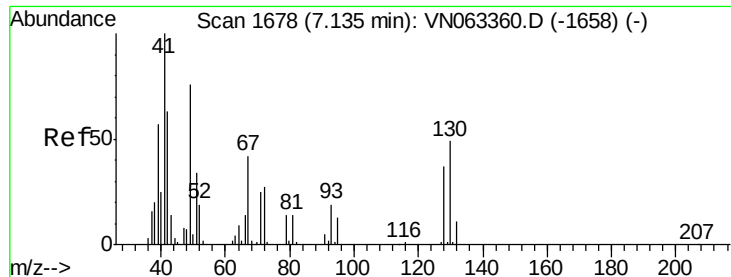
MMDadoda  
9/30/2020 1:20:37 PM



#40  
Benzene  
Concen: 18.546 ug/l  
RT: 8.00 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.2  | 18.3  | 27.5  |





#41

Methacrylonitrile

Concen: 18.714 ug/l

RT: 7.13 min Scan# 1675

Delta R.T. -0.01 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0929WBSD01

Tot Ion: 41 Resp: 36210

Ion Ratio Lower Upper

41 100

39 49.6 0.0 0.0#

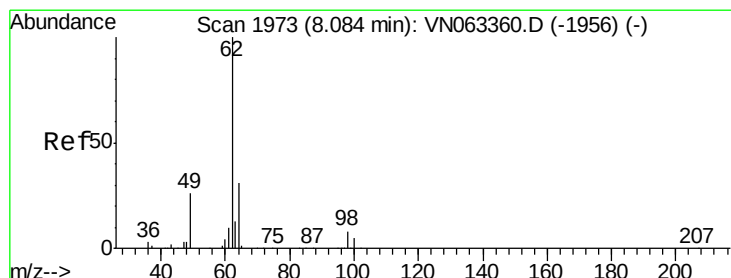
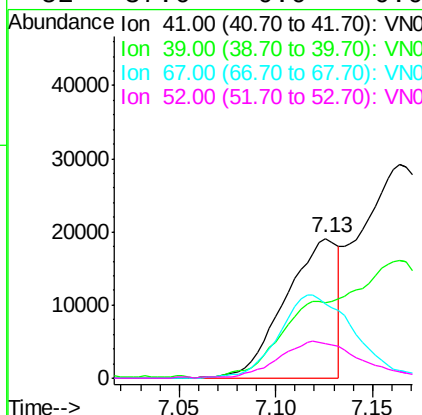
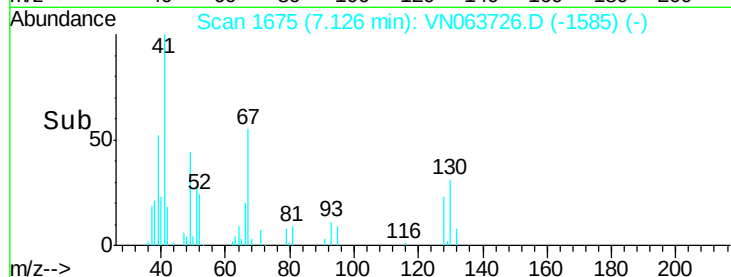
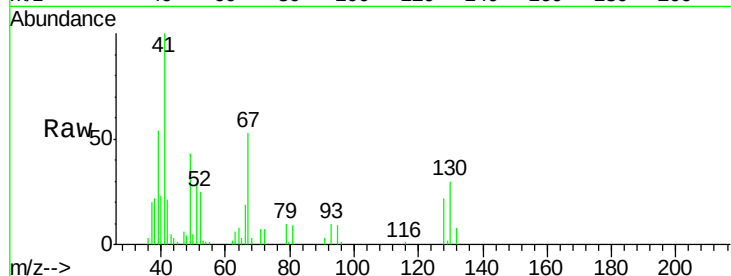
67 86.9 0.0 0.0#

52 37.6 0.0 0.0#

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#42

1,2-Dichloroethane

Concen: 20.349 ug/l

RT: 8.08 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VN063726.D

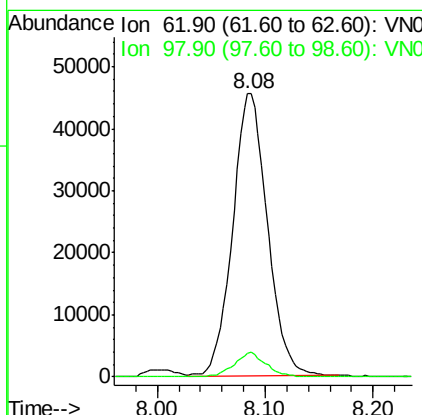
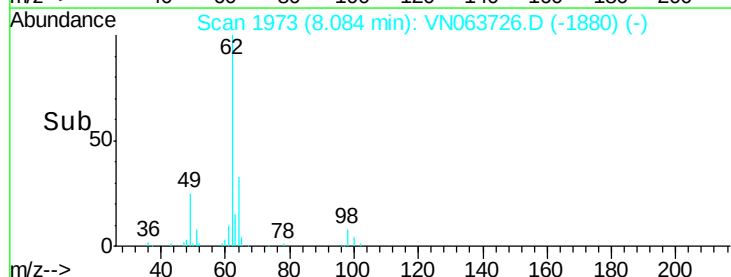
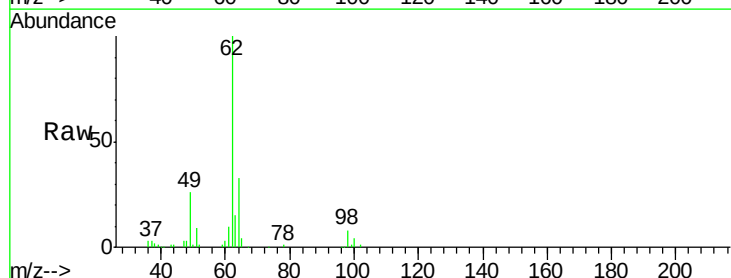
Acq: 29 Sep 2020 14:40

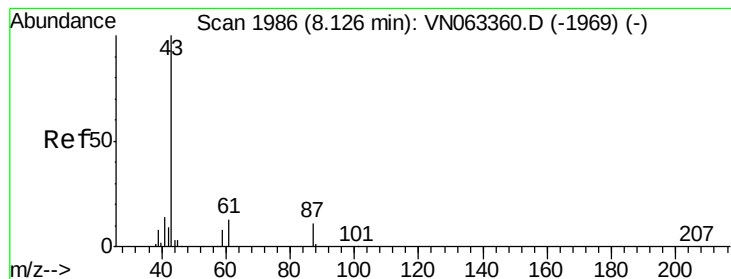
Tgt Ion: 62 Resp: 102396

Ion Ratio Lower Upper

62 100

98 7.8 0.0 15.6





#43

Isopropyl Acetate

Concen: 19.111 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

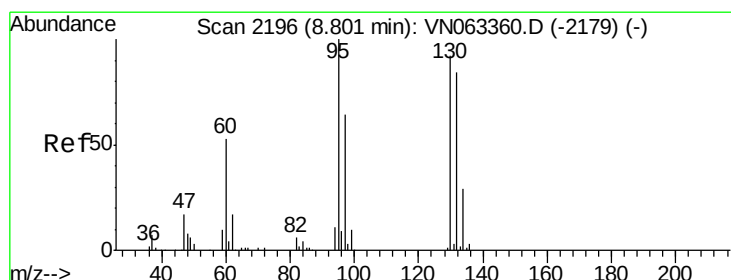
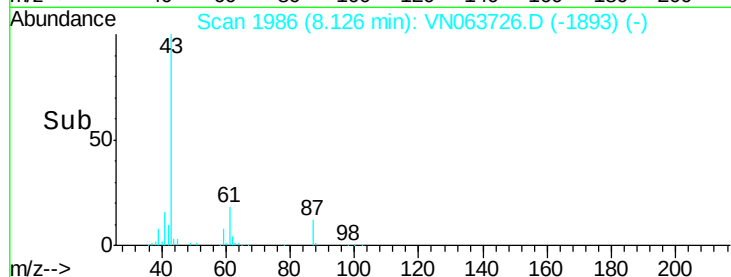
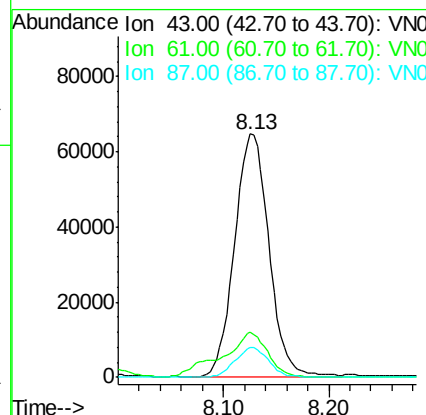
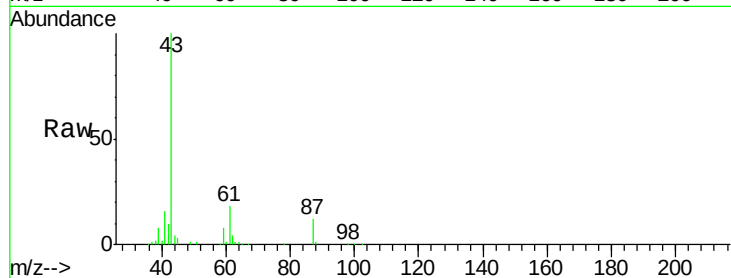
ClientSampleId :

VN0929WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 147013 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 24.7  | 14.2  | 21.2#  |
| 87       | 11.9  | 9.0   | 13.6   |

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#44

Trichloroethene

Concen: 19.638 ug/l

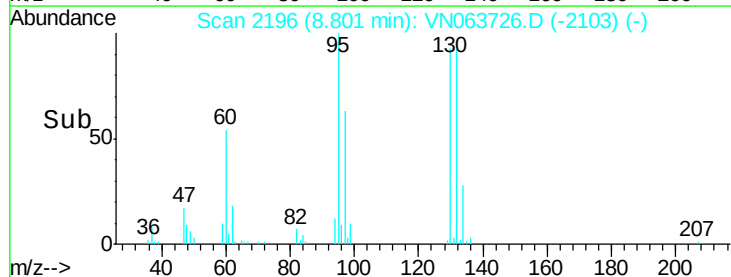
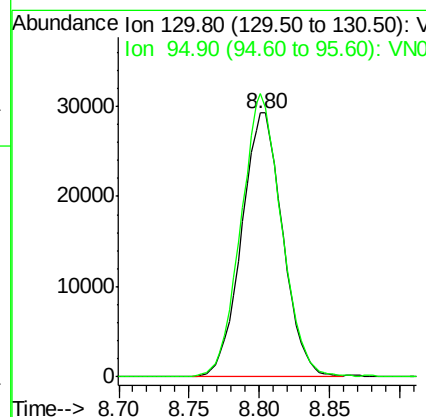
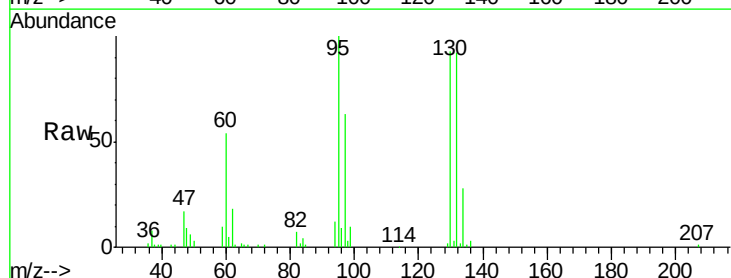
RT: 8.80 min Scan# 2196

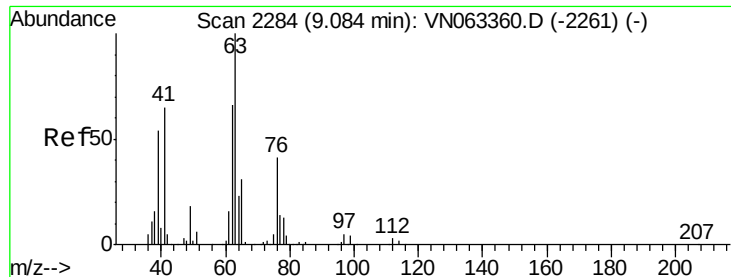
Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 59599 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 107.3 | 0.0   | 217.4 |





#45

1,2-Dichloropropane

Concen: 18.786 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0929WBSD01

Tot Ion: 63 Resp: 64021

Ion Ratio Lower Upper

63 100

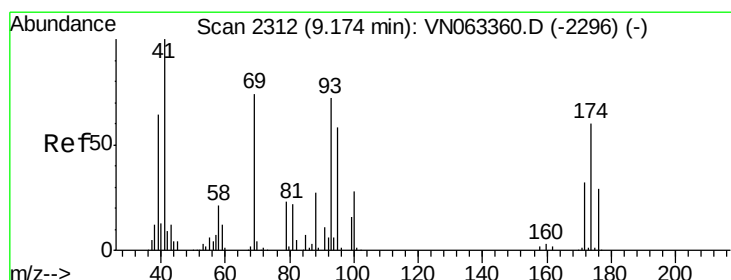
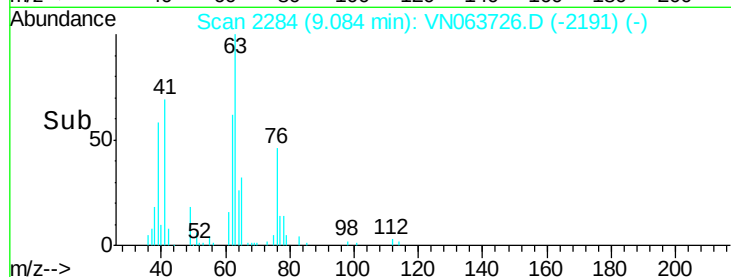
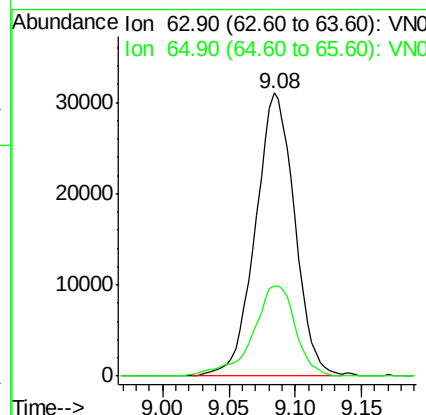
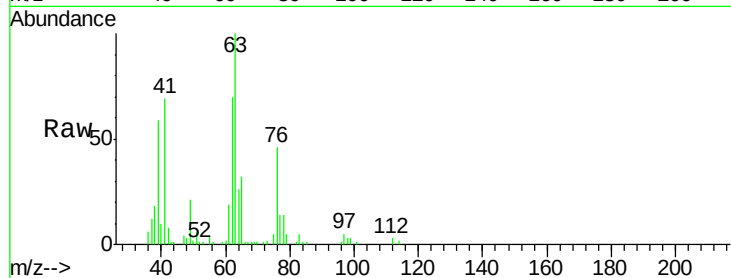
65 31.9 25.0 37.6

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#46

Dibromomethane

Concen: 20.837 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

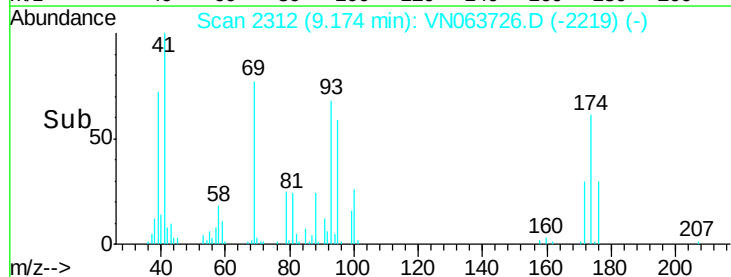
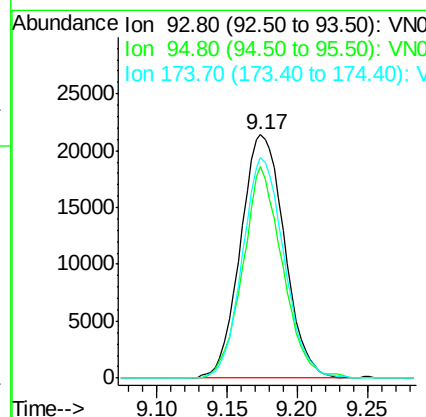
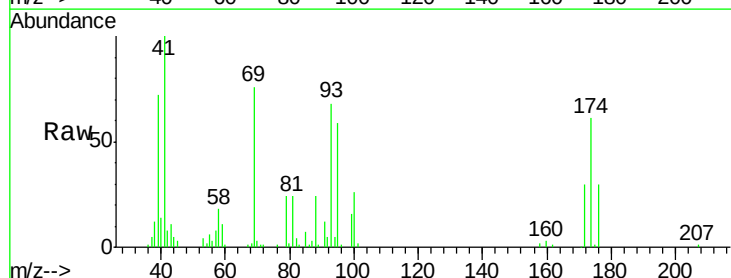
Tgt Ion: 93 Resp: 46673

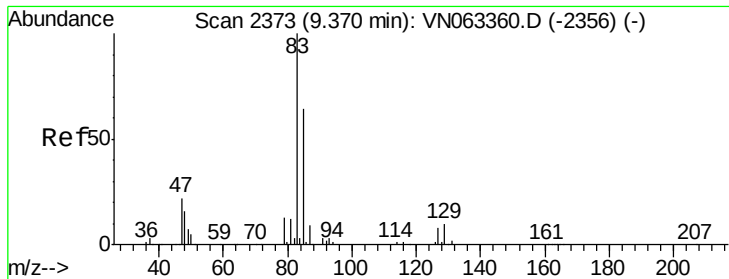
Ion Ratio Lower Upper

93 100

95 78.6 65.6 98.4

174 86.0 68.1 102.1





#47

Bromodichloromethane

Concen: 20.073 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

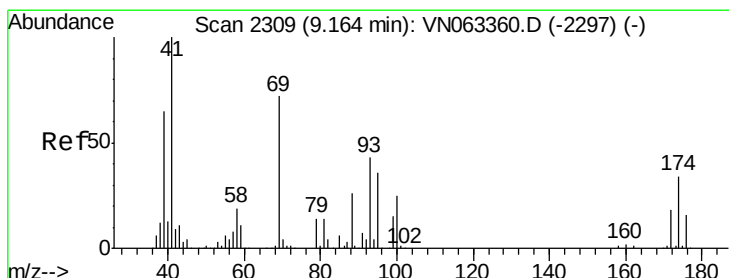
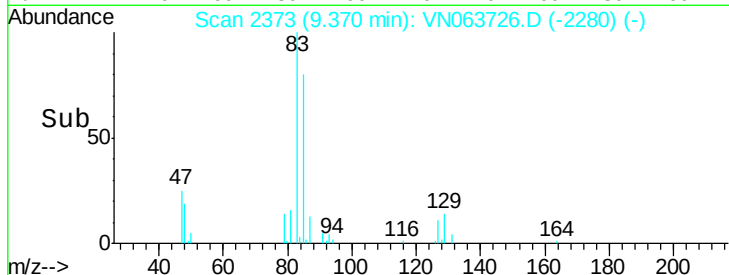
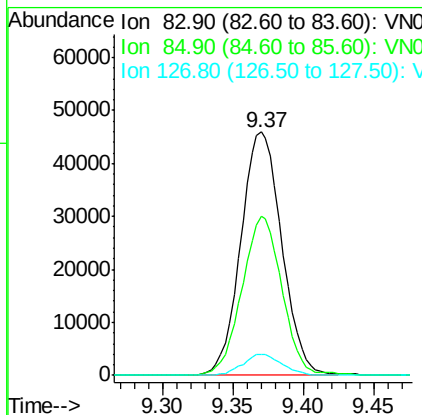
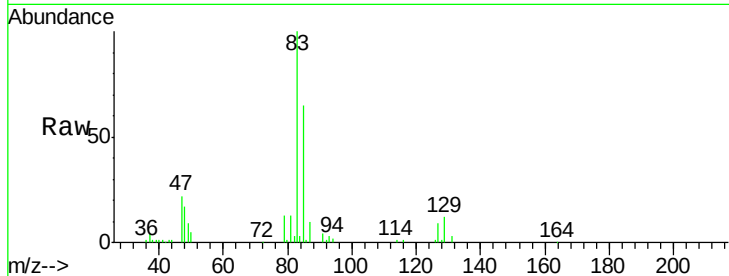
ClientSampleId :

VN0929WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 93405 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.2  | 51.0  | 76.6  |
| 127      | 8.7   | 6.3   | 9.5   |

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#48

Methyl methacrylate

Concen: 18.638 ug/l

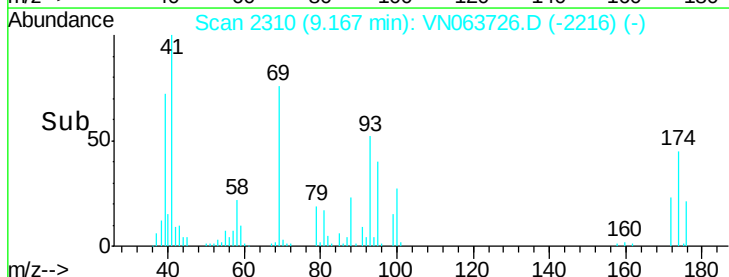
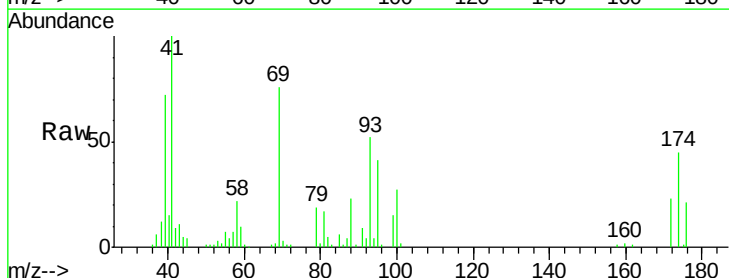
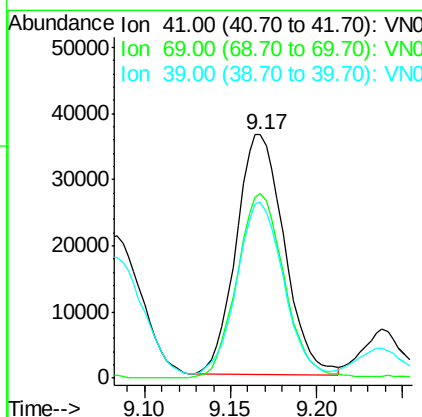
RT: 9.17 min Scan# 2310

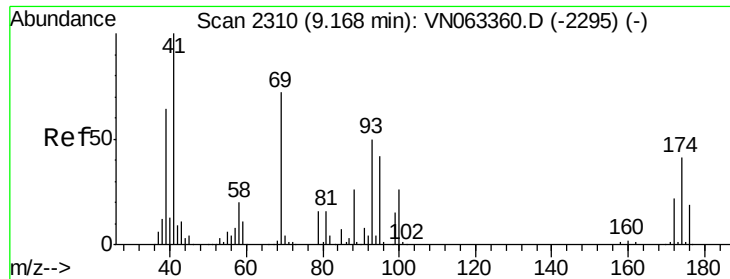
Delta R.T. 0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 70439 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 75.9  | 59.3  | 88.9  |
| 39       | 70.2  | 52.9  | 79.3  |





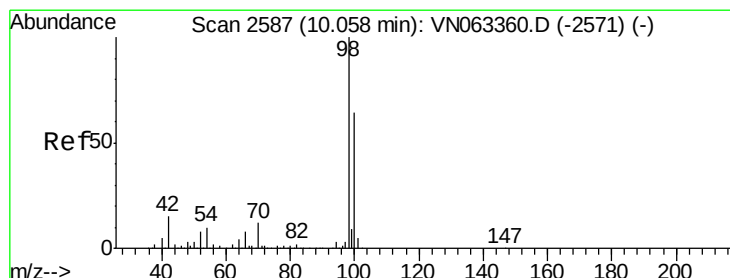
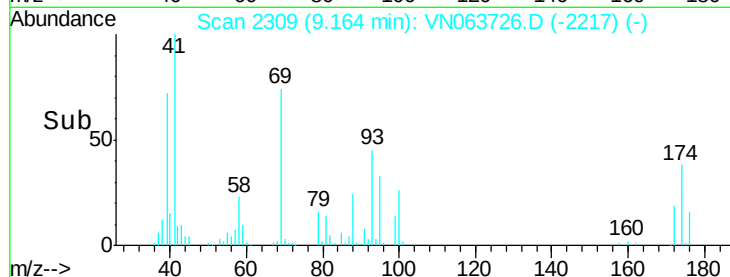
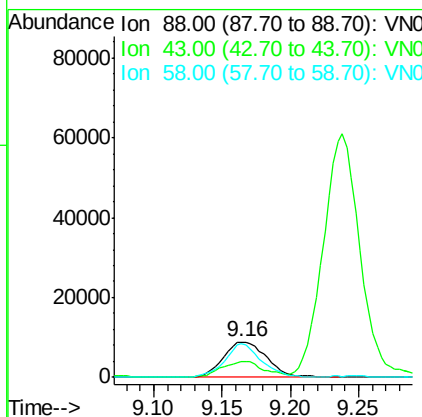
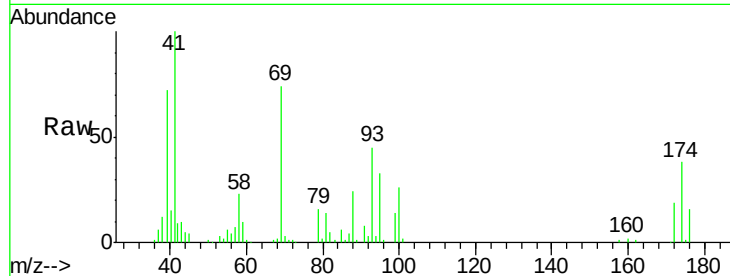
#49  
1,4-Dioxane  
Concen: 360.847 ug/l  
RT: 9.16 min Scan# 2309  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0929WBSD01

| Tot Ion   | 88   | Resp  | 19571 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 88        | 100  |       |       |
| 43        | 43.9 | 32.6  | 49.0  |
| 58        | 78.8 | 60.0  | 90.0  |

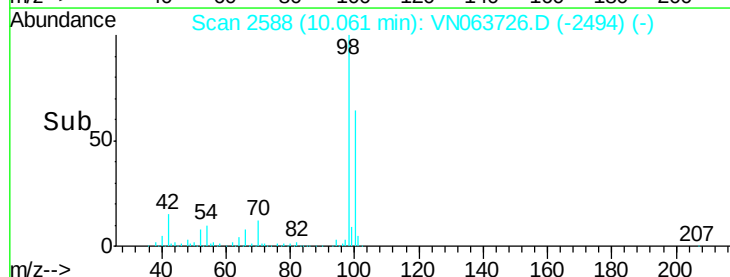
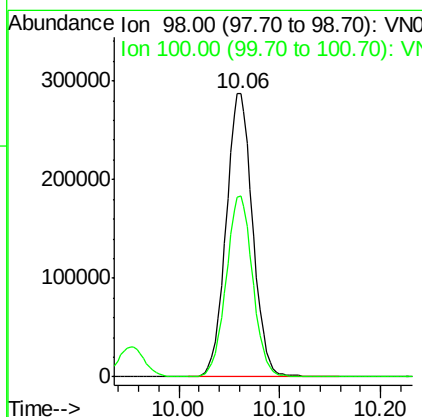
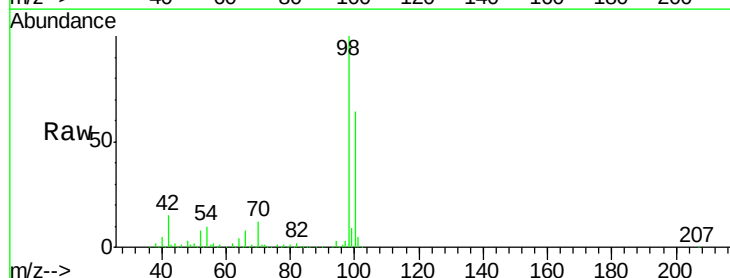
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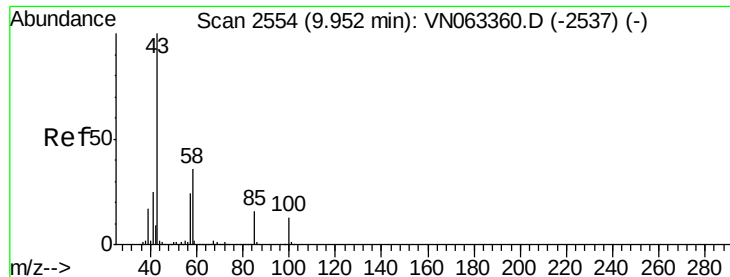
MMDadoda  
9/30/2020 1:20:37 PM



#50  
Toluene-d8  
Concen: 49.271 ug/l  
RT: 10.06 min Scan# 2588  
Delta R.T. 0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

| Tgt Ion   | 98   | Resp  | 527705 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 98        | 100  |       |        |
| 100       | 63.6 | 50.7  | 76.1   |





#51

4-Methyl-2-Pentanone

Concen: 101.347 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0929WBSD01

Tot Ion: 43 Resp: 436453

Ion Ratio Lower Upper

43 100

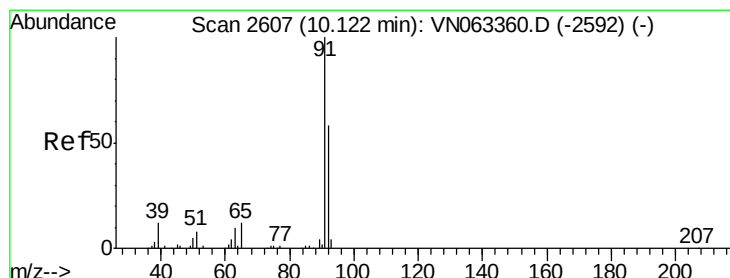
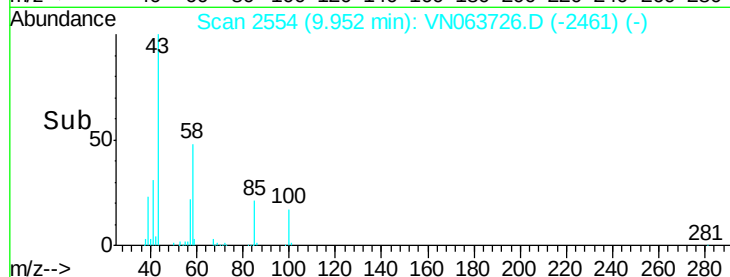
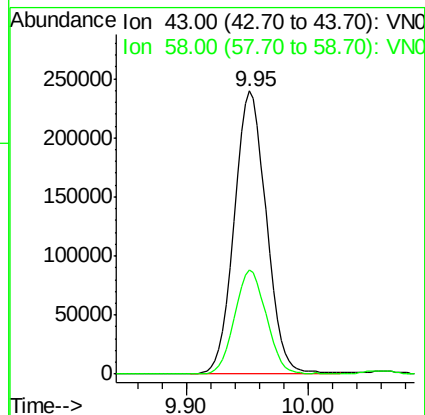
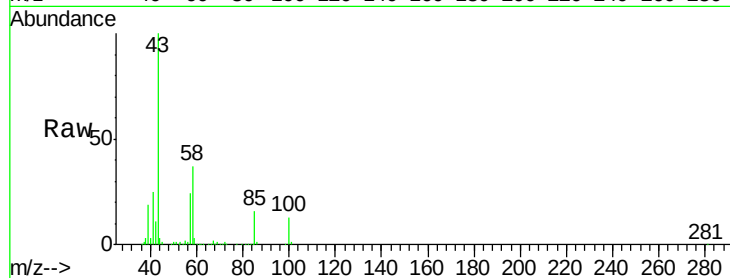
58 36.4 29.0 43.6

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#52

Toluene

Concen: 19.358 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063726.D

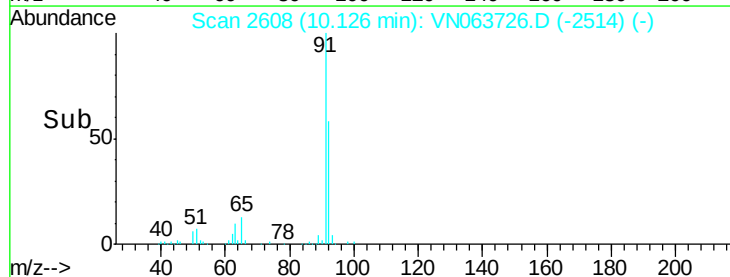
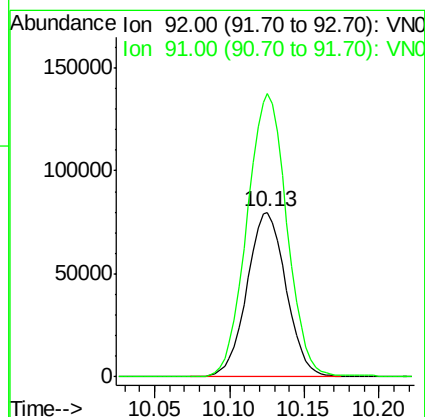
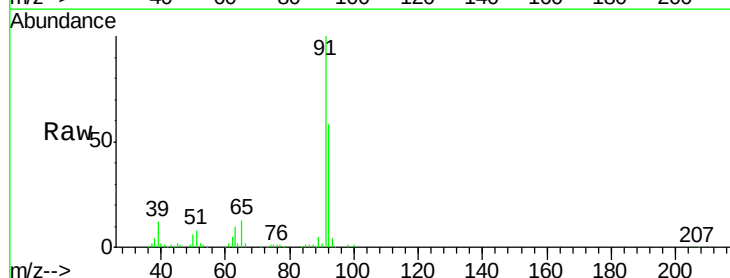
Acq: 29 Sep 2020 14:40

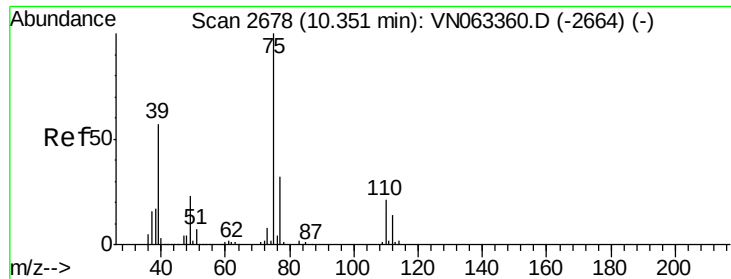
Tgt Ion: 92 Resp: 145632

Ion Ratio Lower Upper

92 100

91 175.6 139.7 209.5





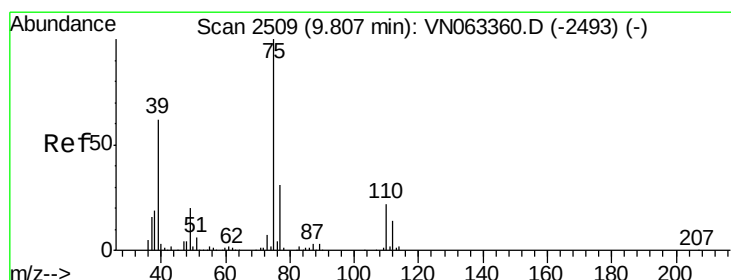
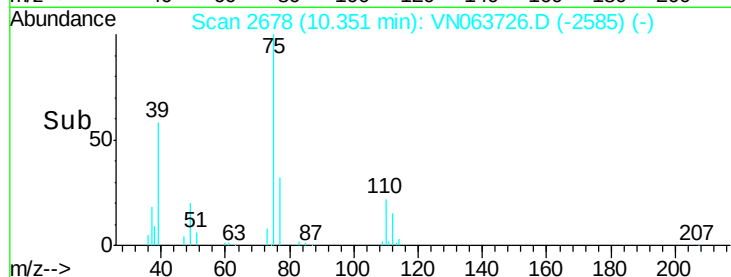
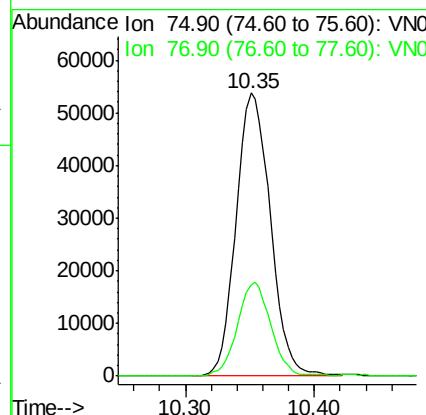
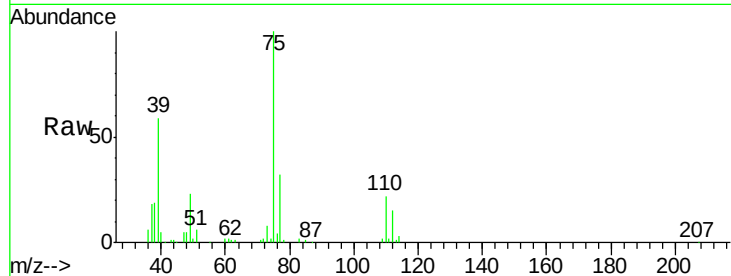
#53  
t-1,3-Dichloropropene  
Concen: 19.167 ug/l  
RT: 10.35 min Scan# 2678  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0929WBSD01

Tot Ion: 75 Resp: 99569  
Ion Ratio Lower Upper  
75 100  
77 32.5 25.4 38.2

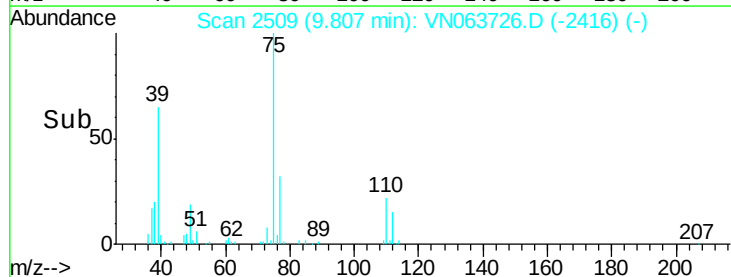
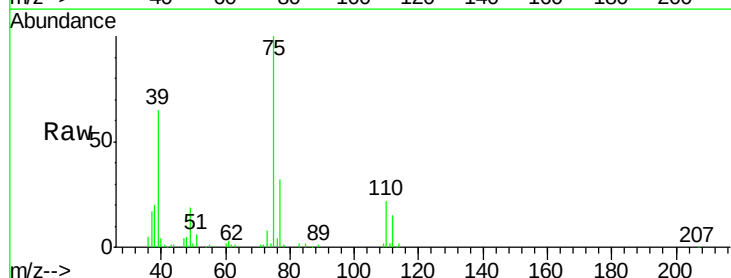
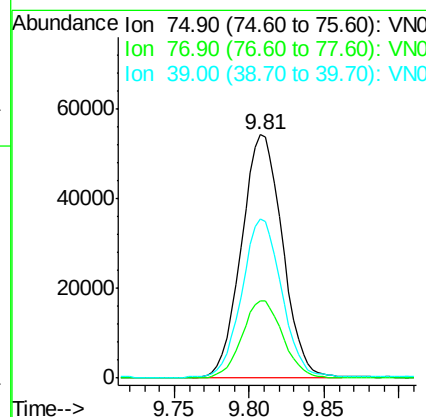
Manual Integrations  
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9/30/2020 1:20:37 PM

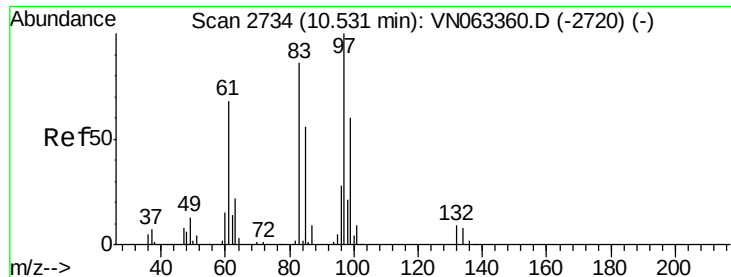


#54  
cis-1,3-Dichloropropene  
Concen: 18.916 ug/l  
RT: 9.81 min Scan# 2509  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Tgt Ion: 75 Resp: 103649  
Ion Ratio Lower Upper  
75 100  
77 31.7 24.6 37.0  
39 64.8 49.8 74.8







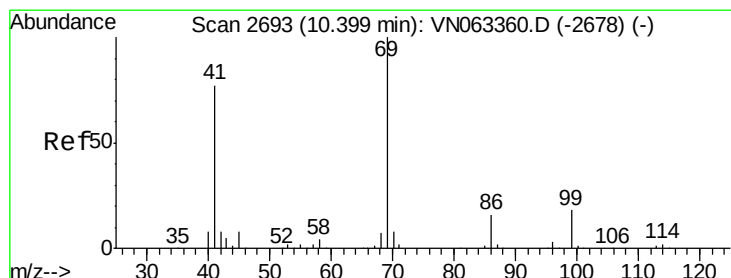
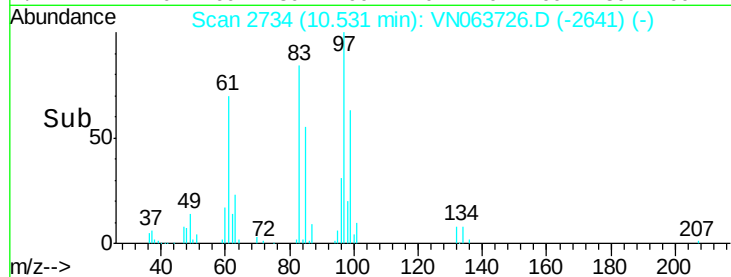
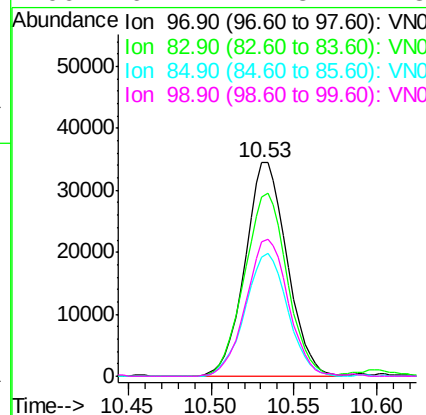
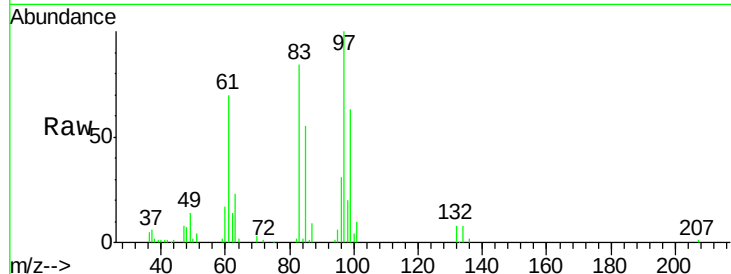
#55  
 1,1,2-Trichloroethane  
 Concen: 20.363 ug/l  
 RT: 10.53 min Scan# 2734  
 Delta R.T. -0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0929WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 60849 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.1  | 68.9  | 103.3 |
| 85       | 55.5  | 44.8  | 67.2  |
| 99       | 62.7  | 47.8  | 71.8  |

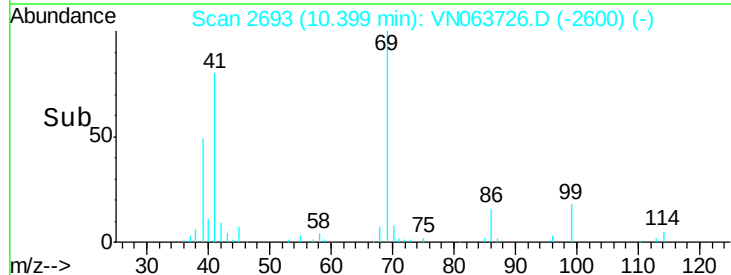
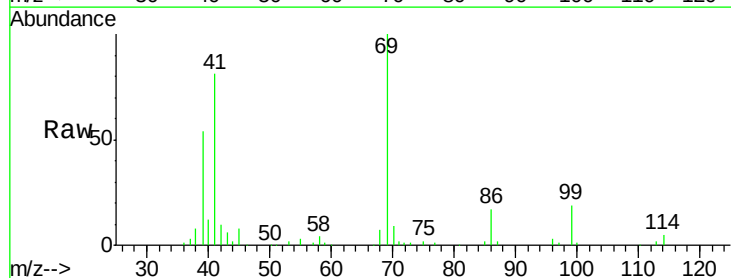
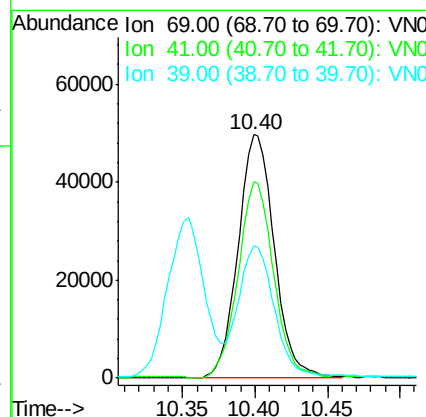
Manual Integrations  
 APPROVED

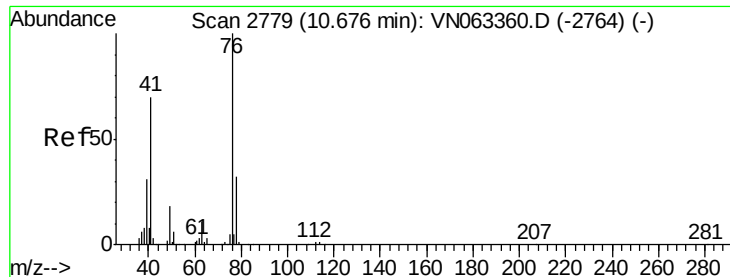
MMDadoda  
 9/30/2020 1:20:37 PM



#56  
 Ethyl methacrylate  
 Concen: 18.527 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. -0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 86428 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 78.2  | 61.0  | 91.6  |
| 39       | 53.9  | 39.2  | 58.8  |





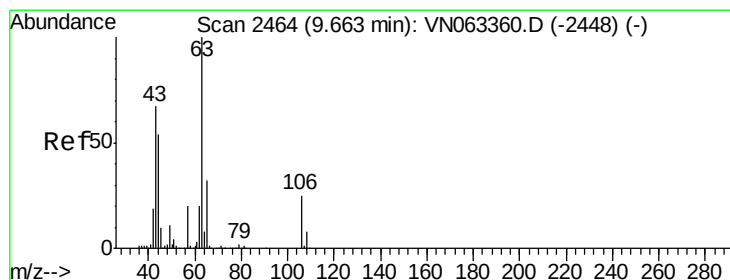
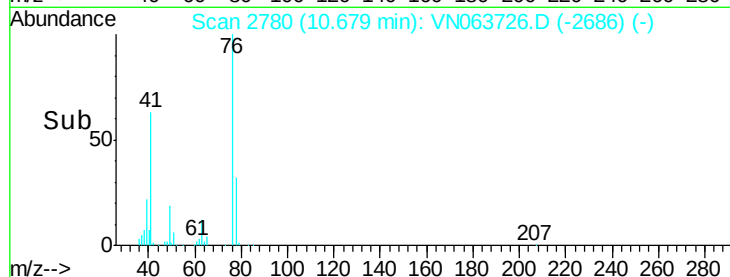
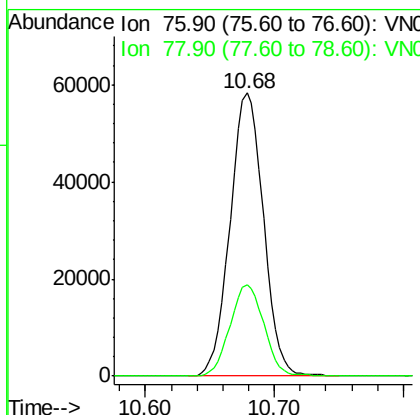
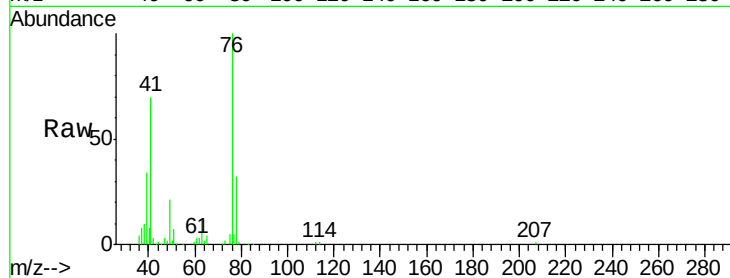
#57  
 1,3-Dichloropropane  
 Concen: 19.429 ug/l  
 RT: 10.68 min Scan# 2780  
 Delta R.T. 0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0929WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.8  | 25.8  | 38.8  |

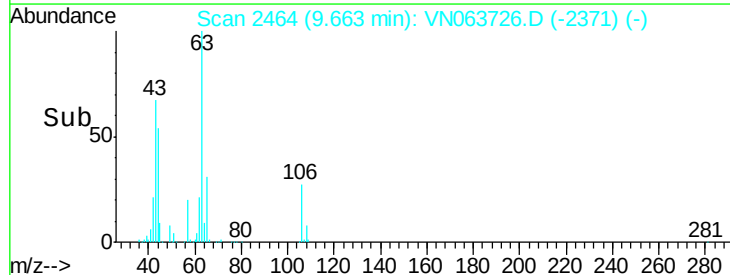
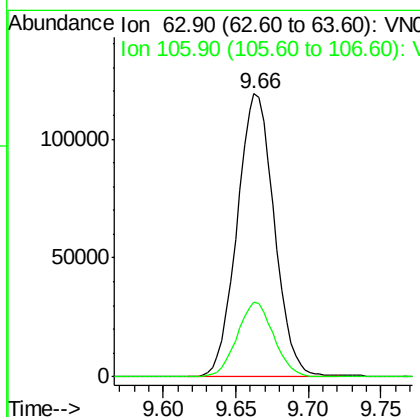
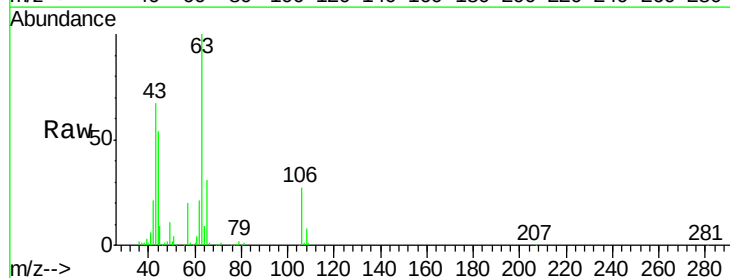
Manual Integrations  
 APPROVED

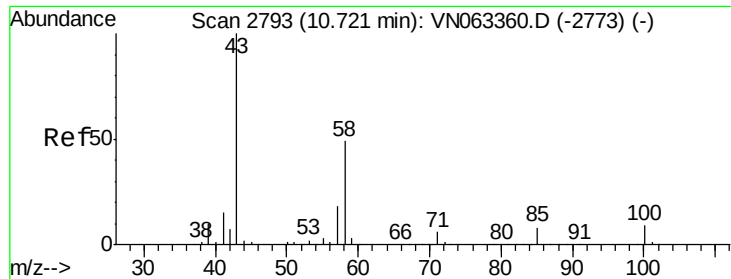
MMDadoda  
 9/30/2020 1:20:37 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 86.902 ug/l  
 RT: 9.66 min Scan# 2464  
 Delta R.T. -0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 25.9  | 19.5  | 29.3  |





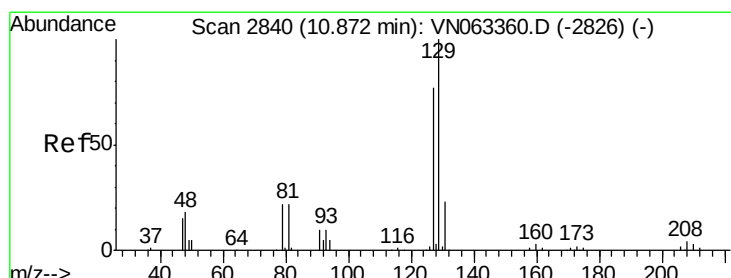
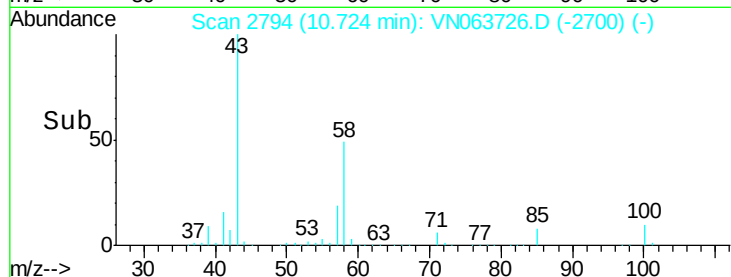
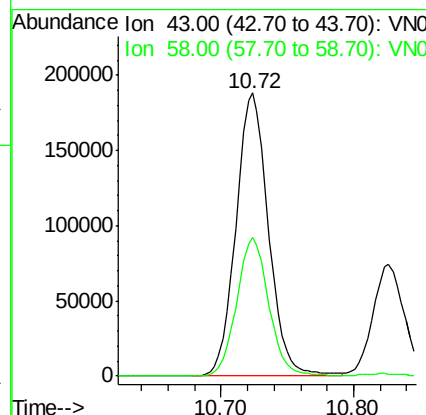
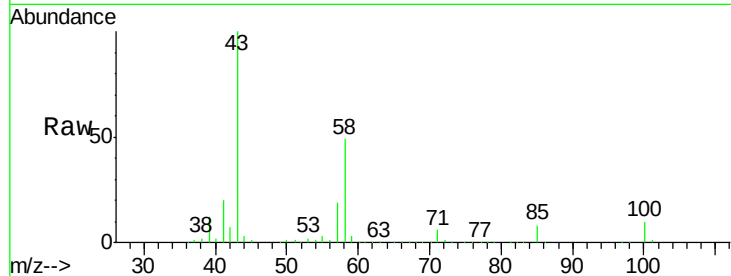
#59  
2-Hexanone  
Concen: 102.198 ug/l  
RT: 10.72 min Scan# 2794  
Delta R.T. 0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0929WBSD01

Tot Ion: 43 Resp: 318855  
Ion Ratio Lower Upper  
43 100  
58 48.7 24.7 74.1

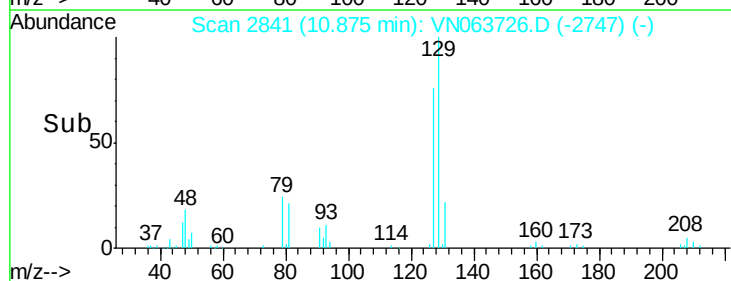
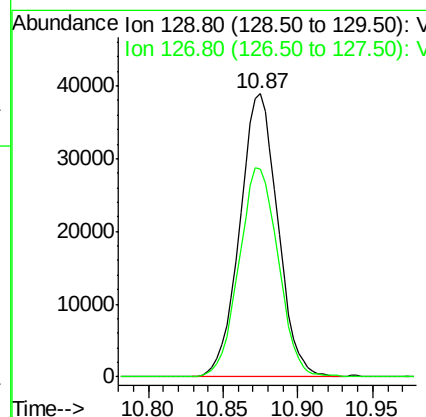
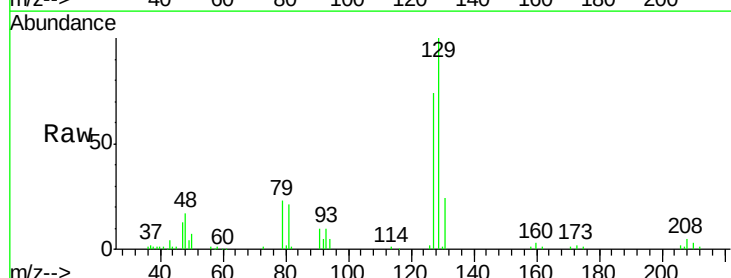
Manual Integrations  
APPROVED

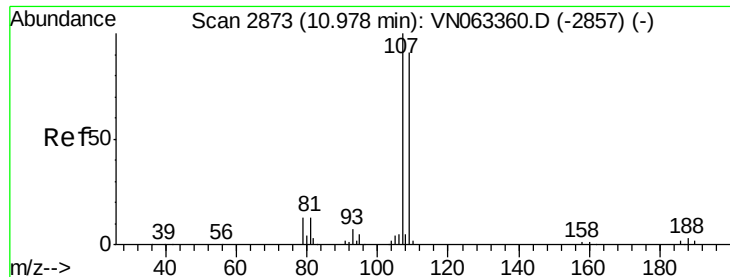
MMDadoda  
9/30/2020 1:20:37 PM



#60  
Dibromochloromethane  
Concen: 20.359 ug/l  
RT: 10.87 min Scan# 2841  
Delta R.T. 0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Tgt Ion: 129 Resp: 68730  
Ion Ratio Lower Upper  
129 100  
127 76.3 39.1 117.3





#61

1,2-Dibromoethane

Concen: 19.826 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0929WBSD01

Tot Ion:107 Resp: 61550

Ion Ratio Lower Upper

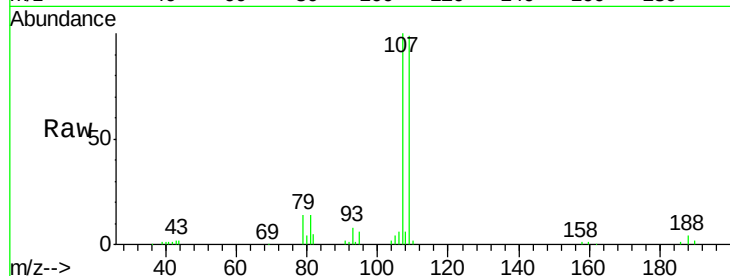
107 100

109 96.9 74.6 111.8

Manual Integrations  
APPROVED

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9/30/2020 1:20:37 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

30000

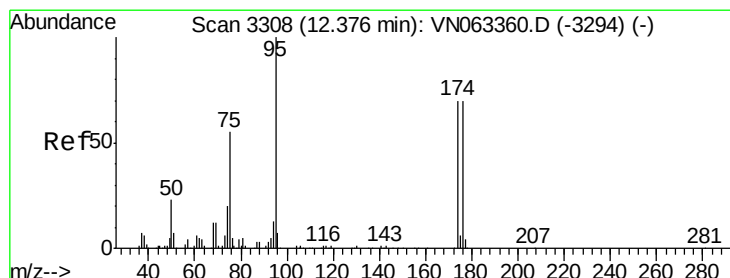
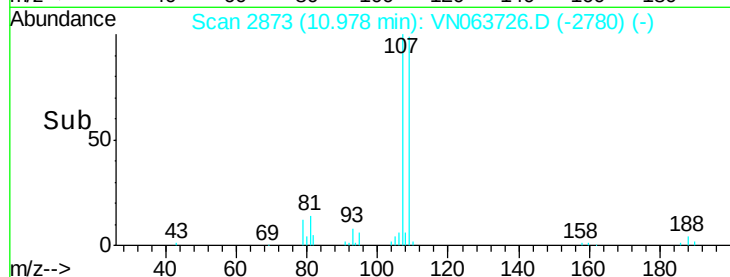
20000

10000

0

Time-->

10.90 10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 51.984 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

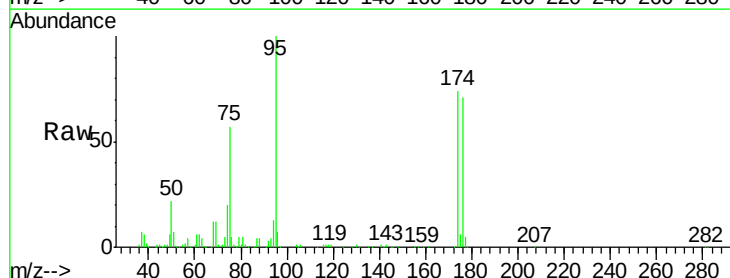
Tgt Ion: 95 Resp: 204098

Ion Ratio Lower Upper

95 100

174 74.0 0.0 140.8

176 70.6 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

150000

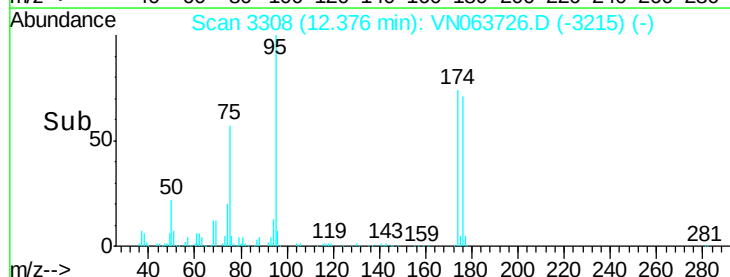
100000

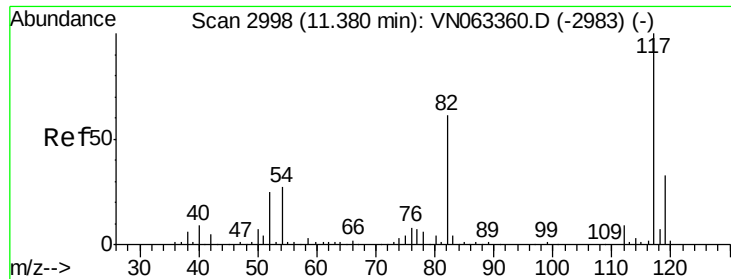
50000

0

Time-->

12.30 12.35 12.40 12.45





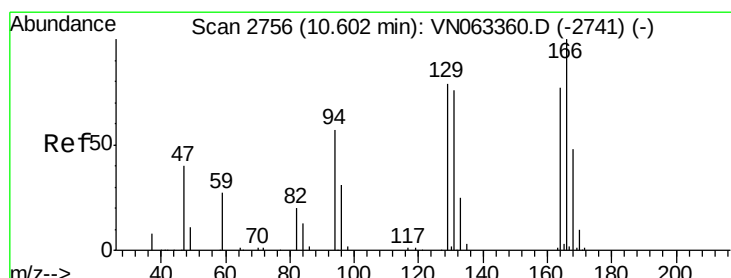
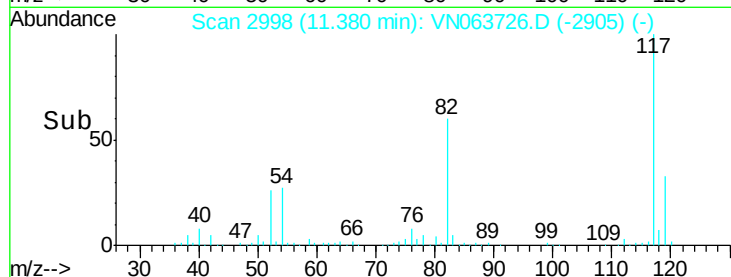
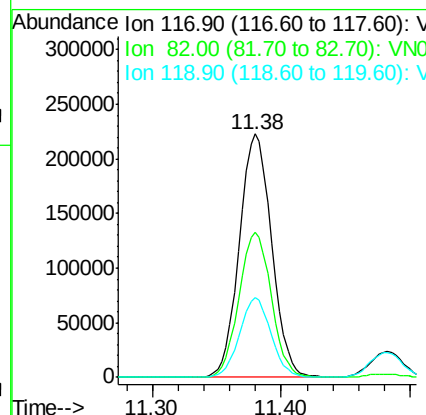
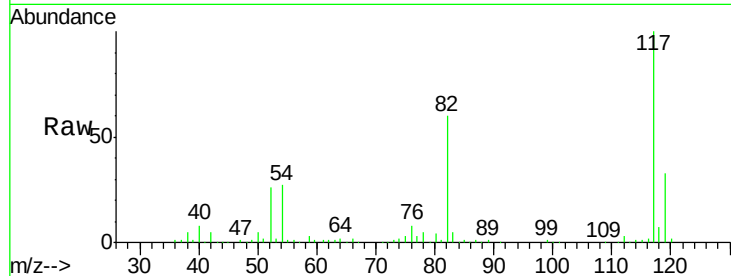
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0929WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 59.7  | 49.2  | 73.8  |
| 119     | 32.9  | 26.2  | 39.4  |

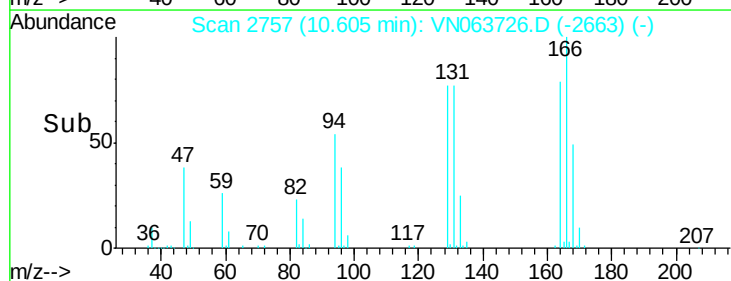
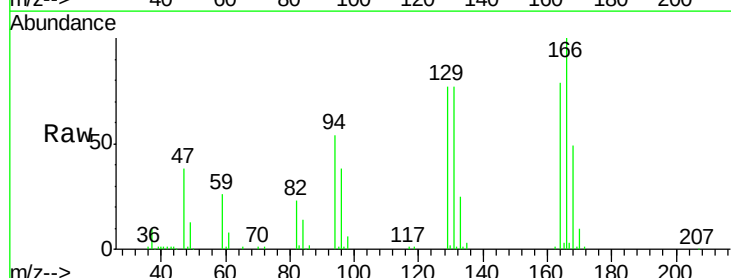
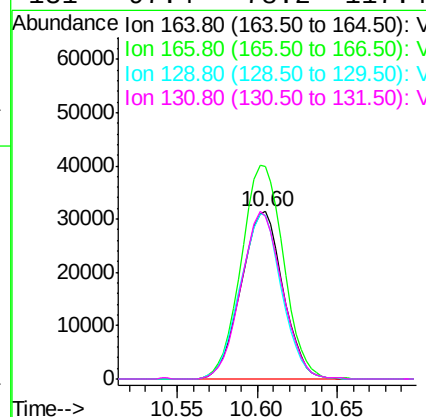
Manual Integrations  
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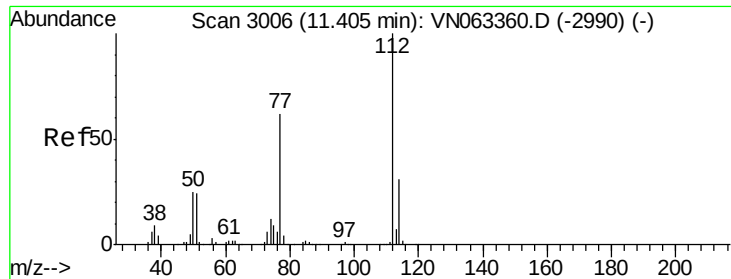
MMDadoda  
9/30/2020 1:20:37 PM



#64  
Tetrachloroethene  
Concen: 21.177 ug/l  
RT: 10.60 min Scan# 2757  
Delta R.T. 0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.0 | 103.4 | 155.0 |
| 129     | 97.9  | 81.8  | 122.6 |
| 131     | 97.4  | 78.2  | 117.4 |





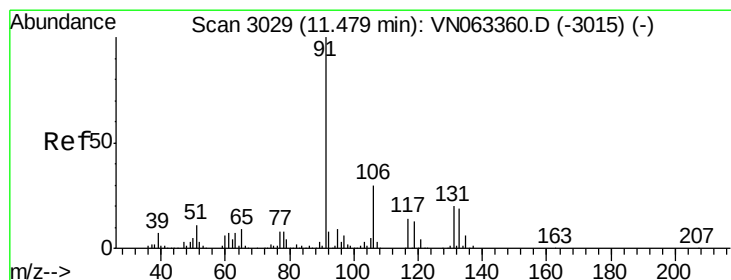
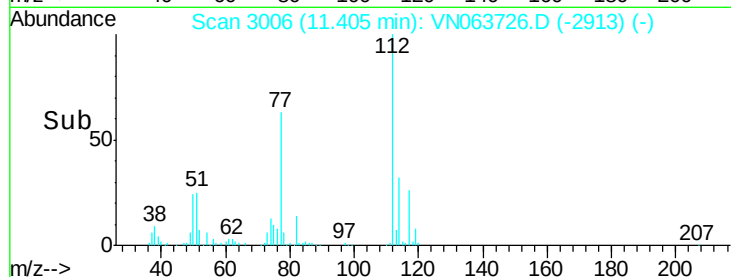
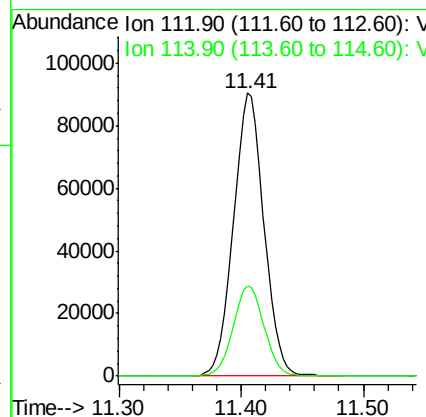
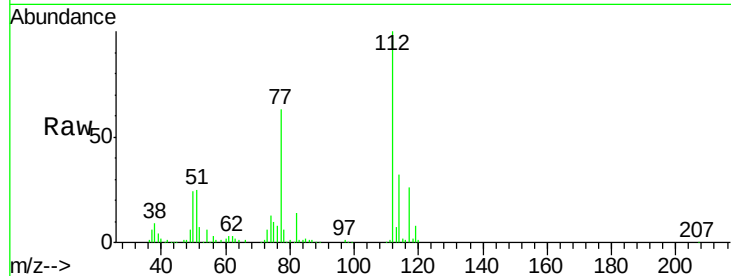
#65  
Chlorobenzene  
Concen: 19.086 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0929WBSD01

Tot Ion:112 Resp: 157421  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.0 37.6

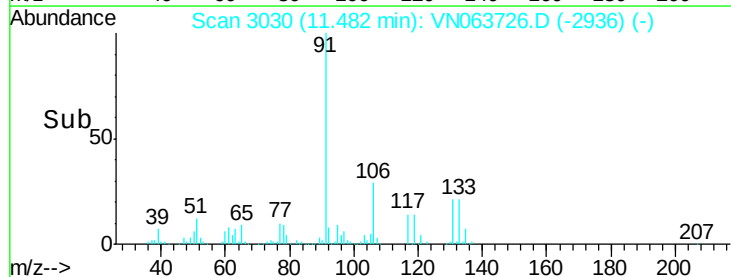
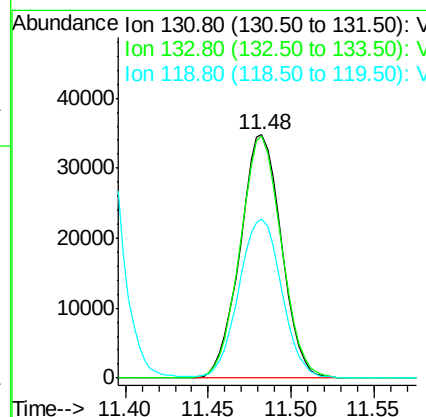
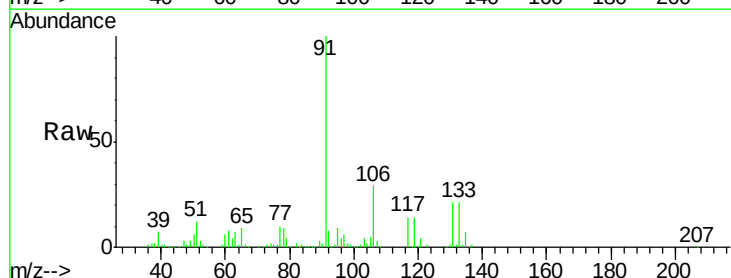
Manual Integrations  
APPROVED

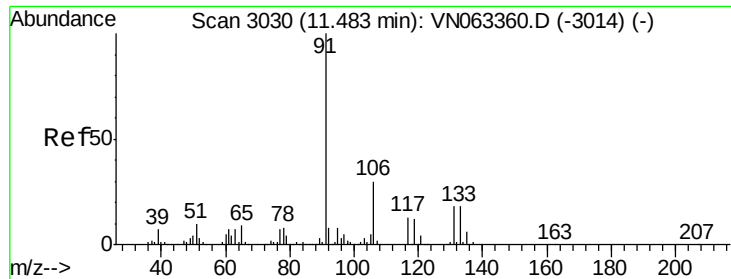
MMDadoda  
9/30/2020 1:20:37 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.972 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Tgt Ion:131 Resp: 60384  
Ion Ratio Lower Upper  
131 100  
133 99.5 47.3 141.9  
119 67.9 33.6 100.8





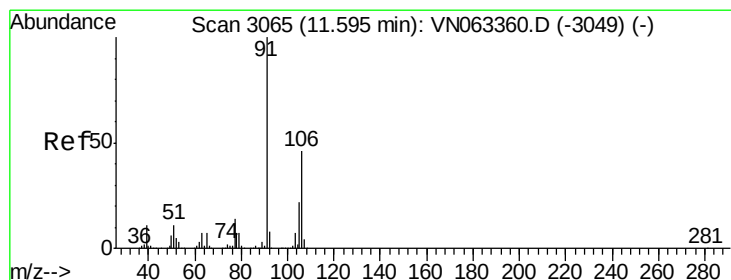
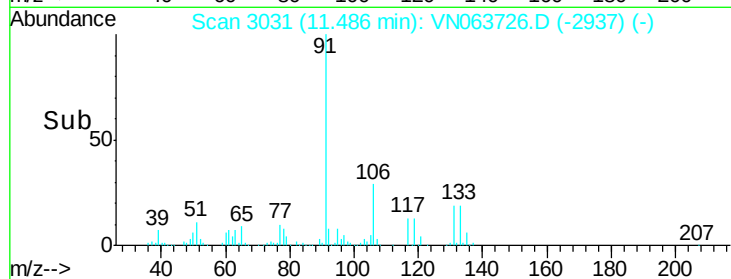
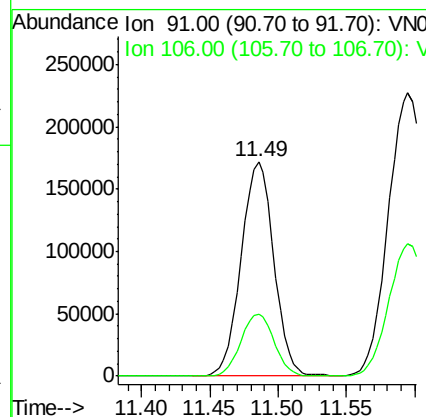
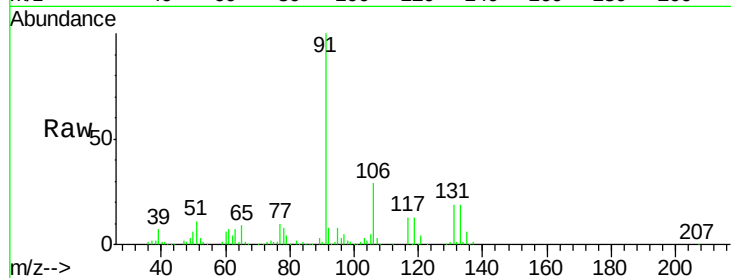
#67  
Ethyl Benzene  
Concen: 18.484 ug/l  
RT: 11.49 min Scan# 3031  
Delta R.T. 0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0929WBSD01

Tot Ion: 91 Resp: 287098  
Ion Ratio Lower Upper  
91 100  
106 29.0 23.8 35.6

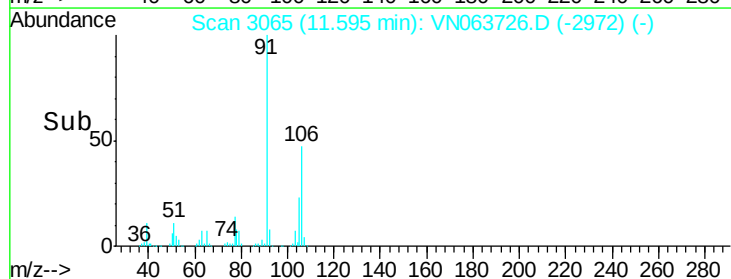
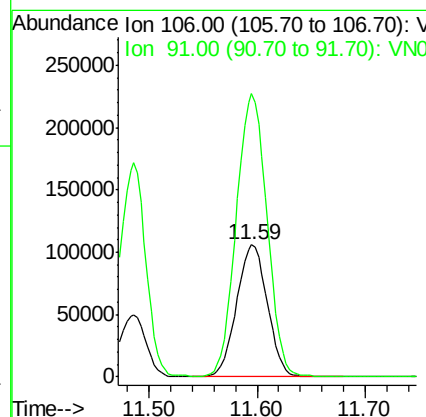
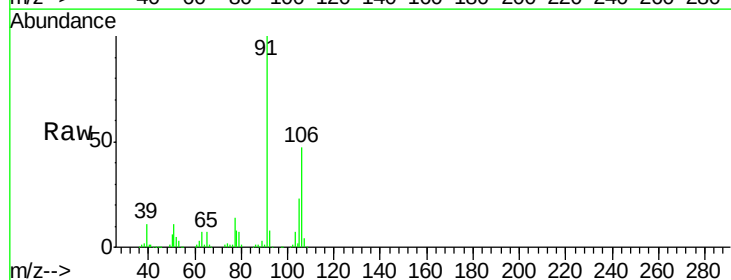
Manual Integrations  
APPROVED

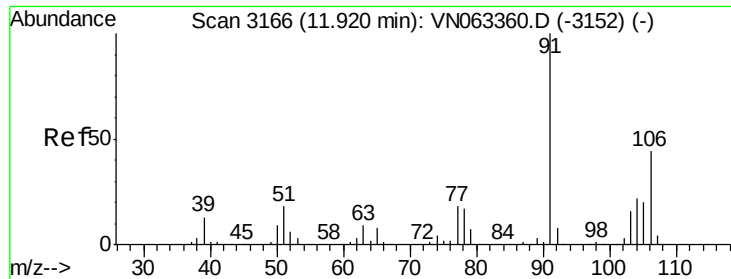
MMDadoda  
9/30/2020 1:20:37 PM



#68  
m/p-Xylenes  
Concen: 37.332 ug/l  
RT: 11.59 min Scan# 3065  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Tgt Ion: 106 Resp: 209070  
Ion Ratio Lower Upper  
106 100  
91 213.5 171.2 256.8





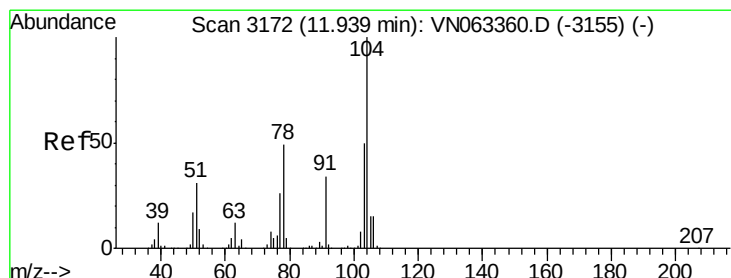
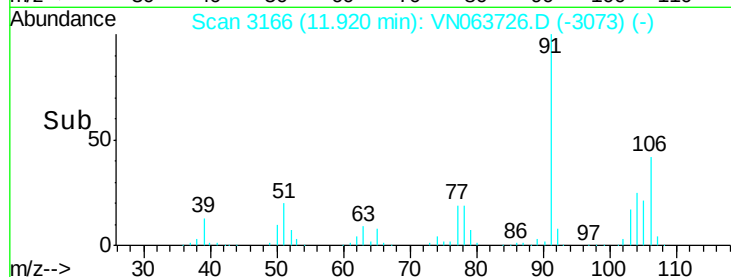
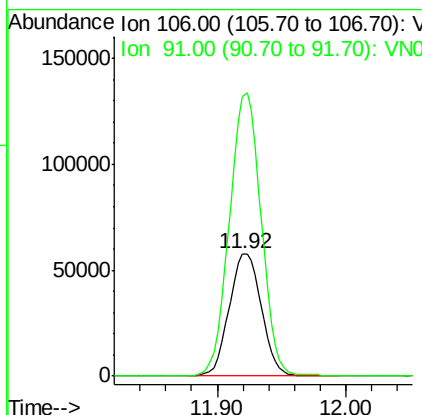
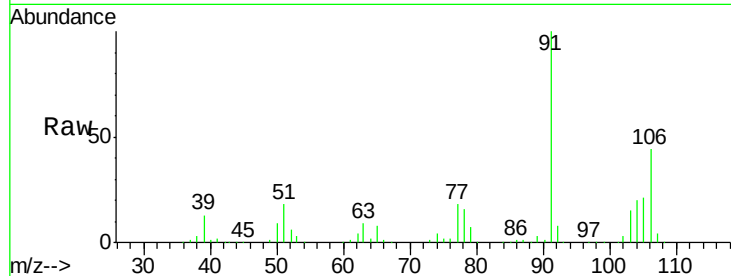
#69  
o-Xylene  
Concen: 18.813 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0929WBSD01

Tot Ion:106 Resp: 100365  
Ion Ratio Lower Upper  
106 100  
91 227.3 113.6 340.8

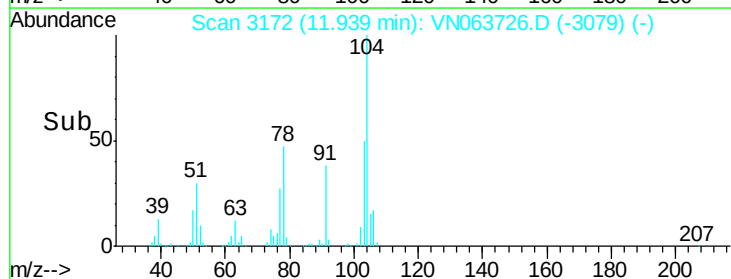
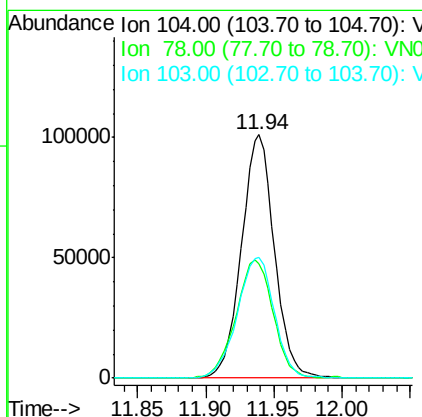
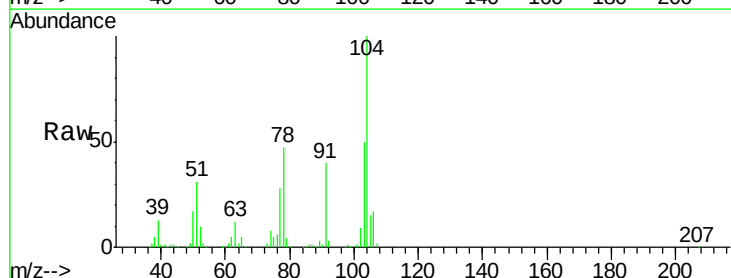
Manual Integrations  
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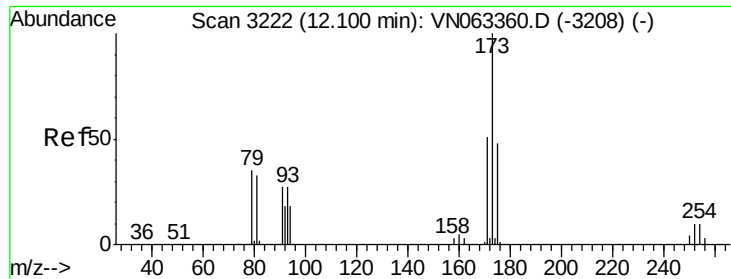


#70  
Styrene  
Concen: 18.957 ug/l  
RT: 11.94 min Scan# 3172  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Tgt Ion:104 Resp: 169598  
Ion Ratio Lower Upper  
104 100  
78 54.7 44.4 66.6  
103 55.9 43.7 65.5







#71

Bromoform

Concen: 20.555 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0929WBSD01

Tot Ion:173 Resp: 46298

Ion Ratio Lower Upper

173 100

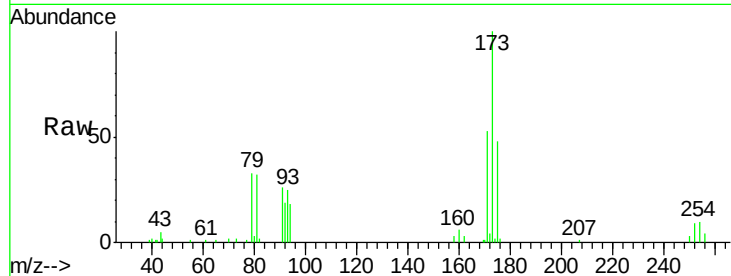
175 47.7 24.0 72.0

254 0.0 0.0 0.0

Manual Integrations  
APPROVED

MMDadoda

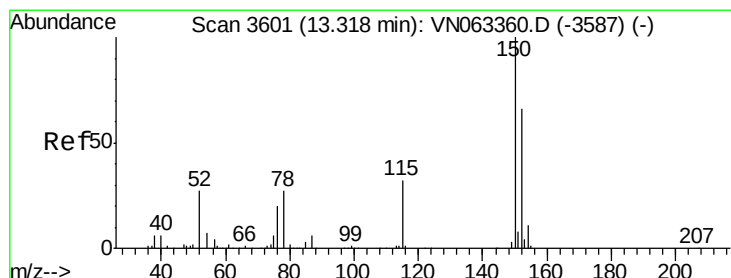
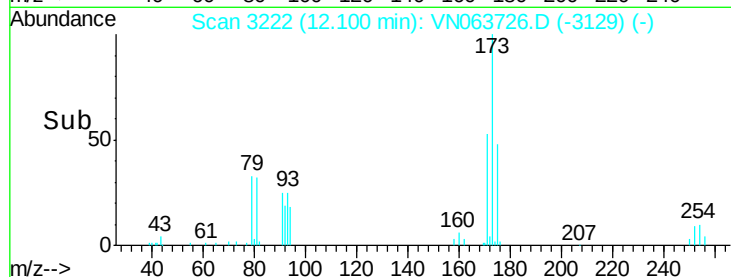
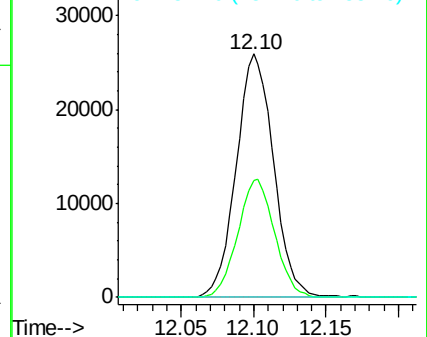
9/30/2020 1:20:37 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

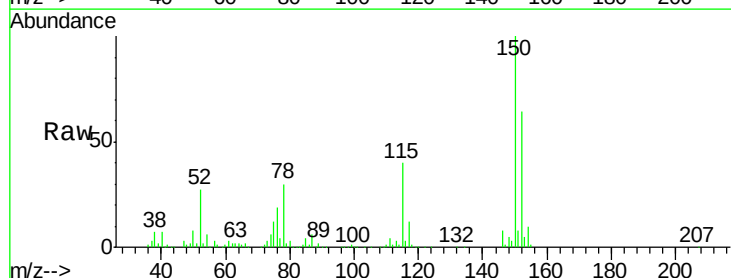
Tgt Ion:152 Resp: 189473

Ion Ratio Lower Upper

152 100

115 63.0 32.2 96.6

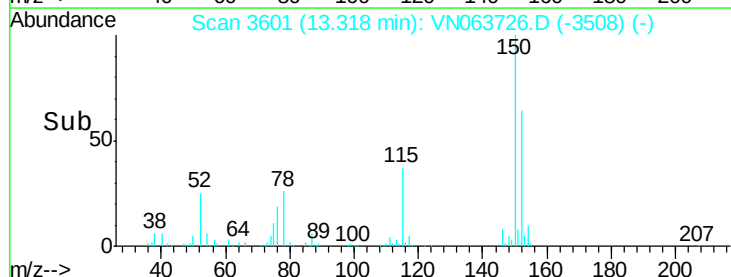
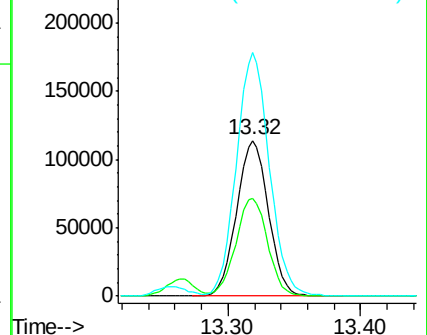
150 161.7 0.0 343.4

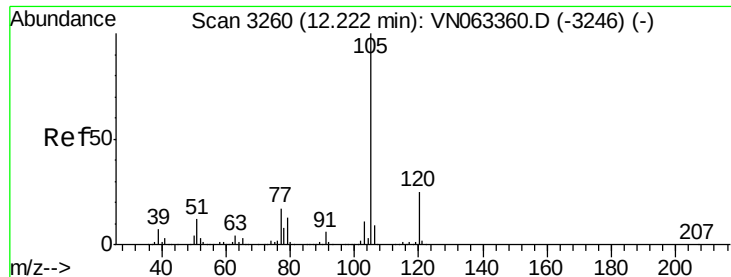


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.010 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0929WBSD01

Tot Ion:105 Resp: 273448

Ion Ratio Lower Upper

105 100

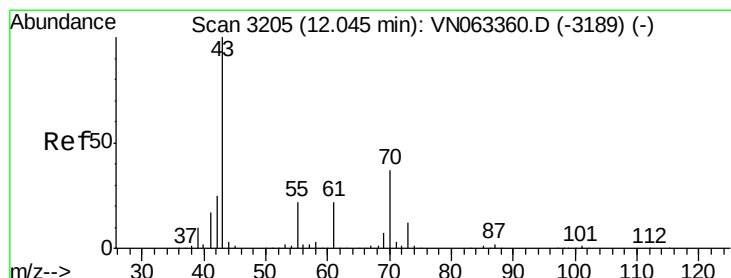
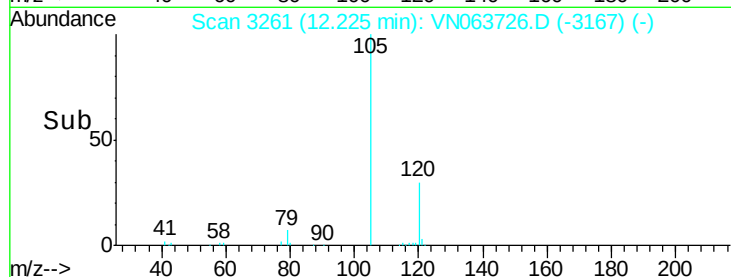
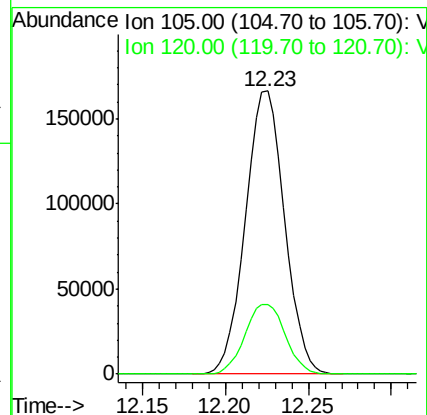
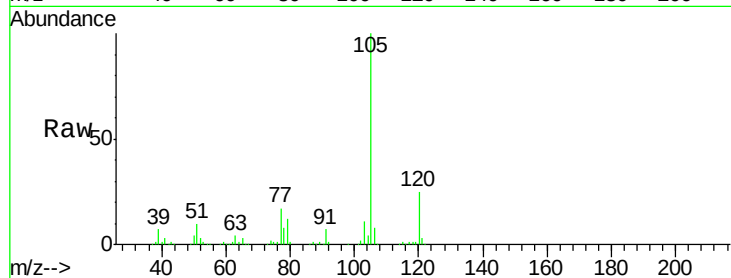
120 25.5 12.7 38.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 17.132 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Tgt Ion: 43 Resp: 123133

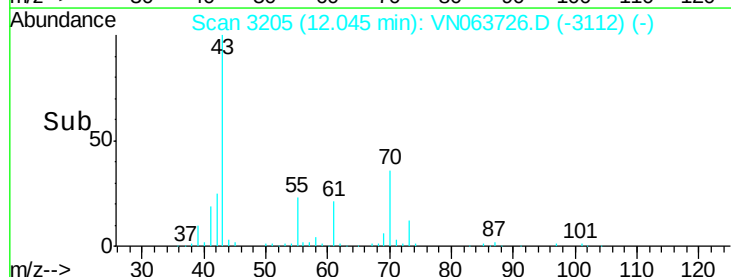
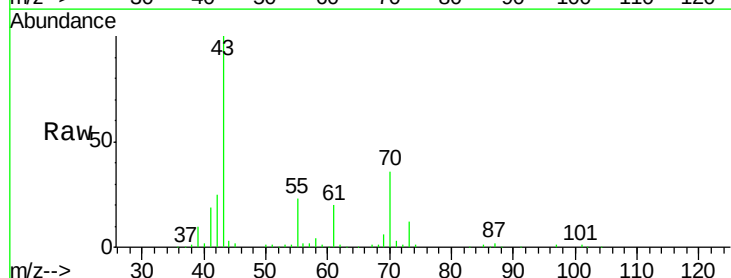
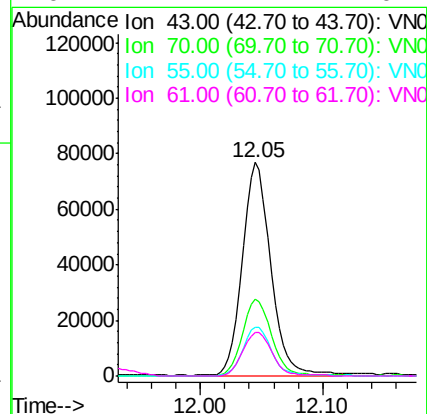
Ion Ratio Lower Upper

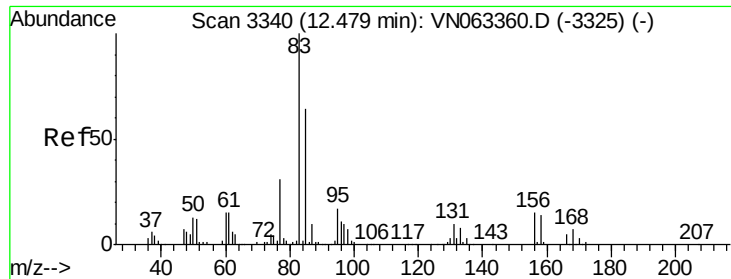
43 100

70 37.2 29.6 44.4

55 23.3 17.7 26.5

61 21.2 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.689 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

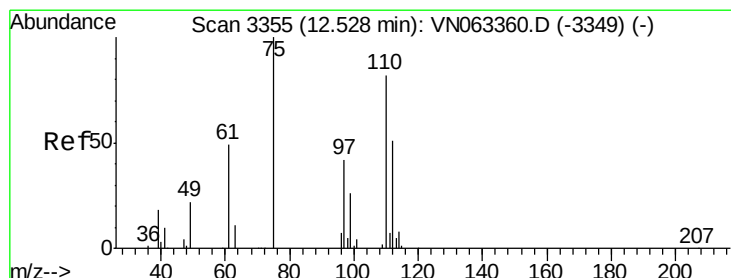
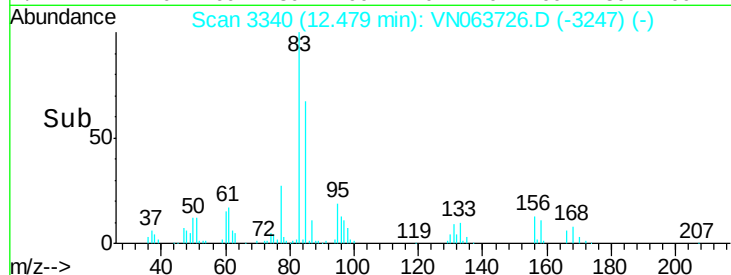
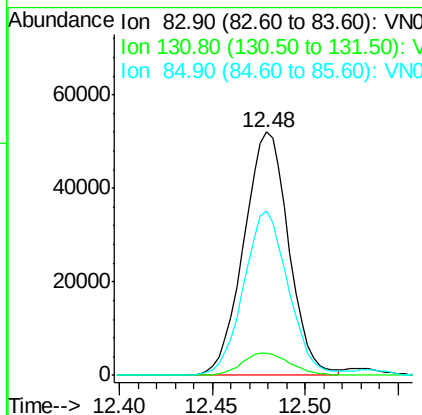
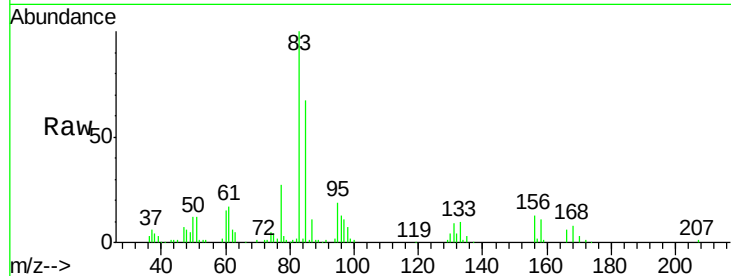
ClientSampleId :

VN0929WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 87862 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.0  | 4.9   | 14.7  |
| 85        | 67.0  | 32.0  | 96.0  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 18.220 ug/l m

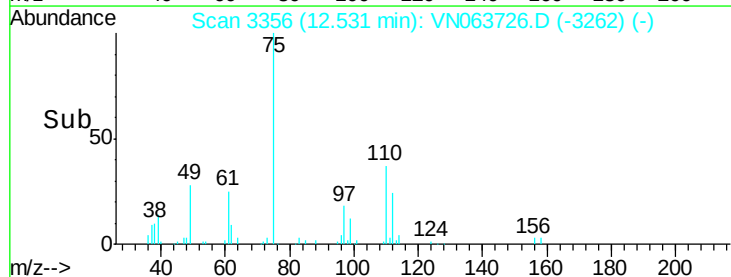
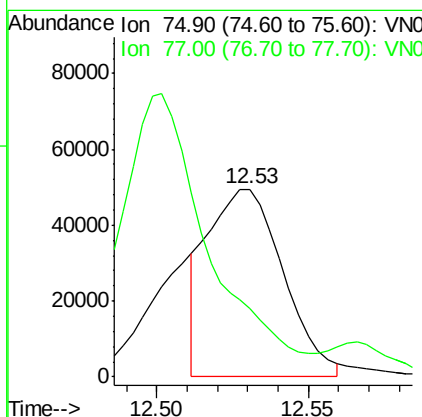
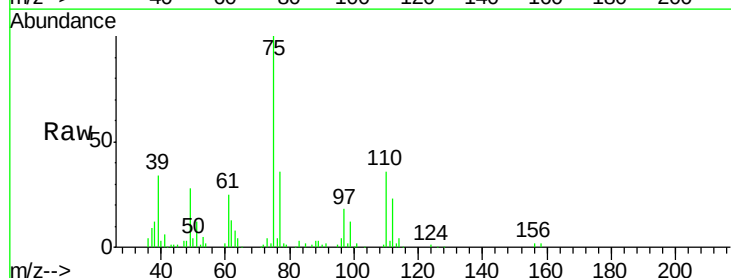
RT: 12.53 min Scan# 3356

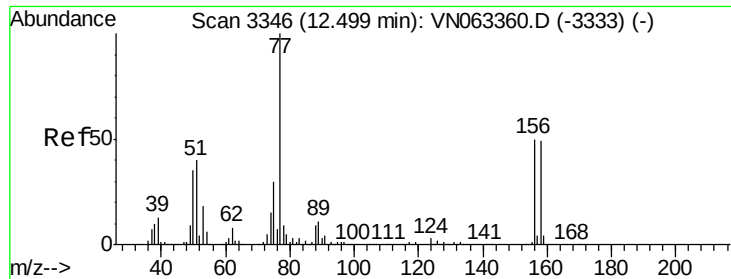
Delta R.T. 0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 85445 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 19.541 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0929WBSD01

Tot Ion:156 Resp: 66740

Ion Ratio Lower Upper

156 100

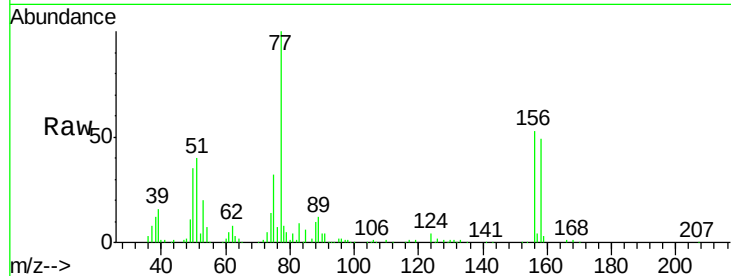
77 227.3 120.2 360.6

158 97.3 48.9 146.6

Manual Integrations  
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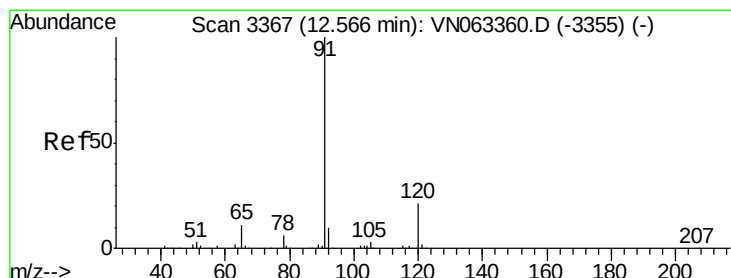
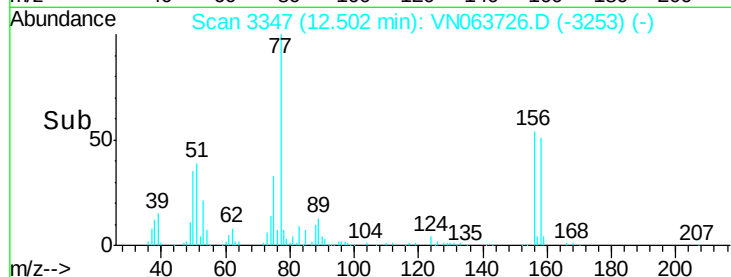
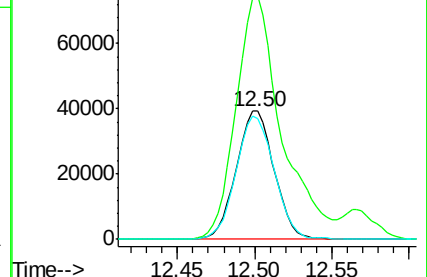
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.139 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063726.D

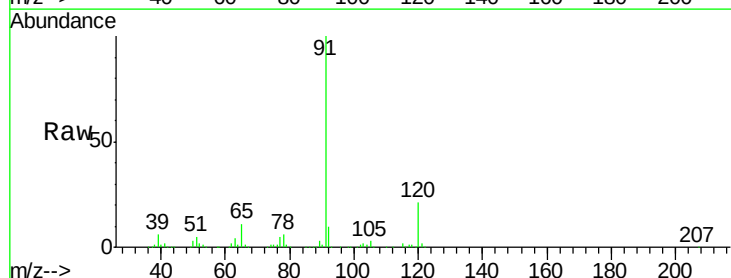
Acq: 29 Sep 2020 14:40

Tgt Ion: 91 Resp: 320774

Ion Ratio Lower Upper

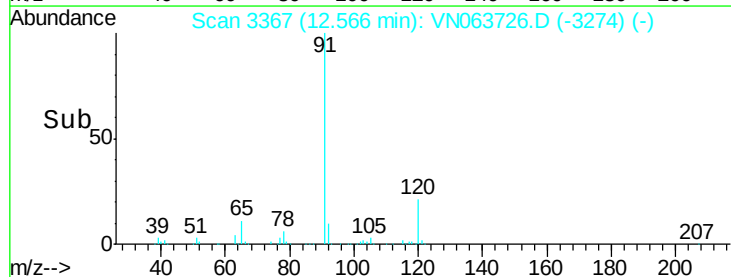
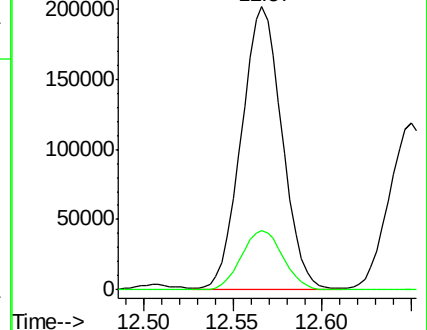
91 100

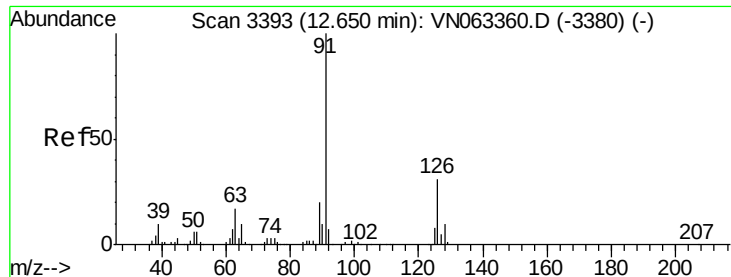
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.597 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0929WBSD01

Tot Ion: 91 Resp: 197146

Ion Ratio Lower Upper

91 100

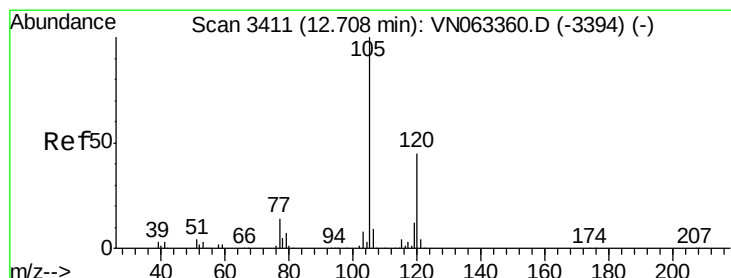
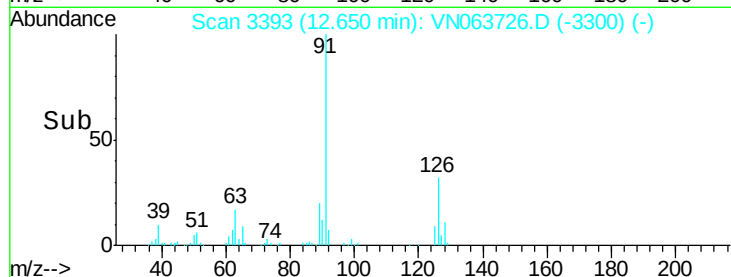
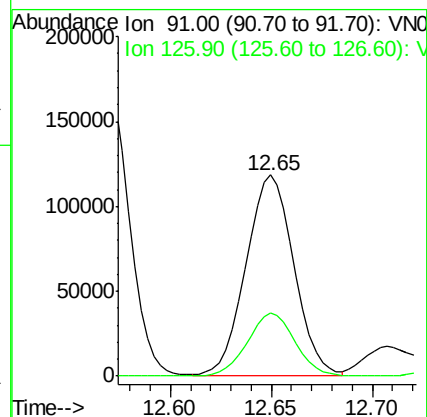
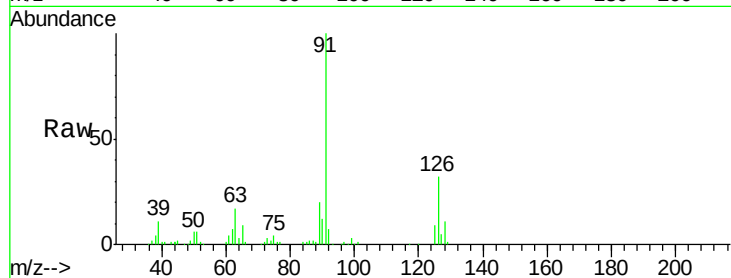
126 31.6 15.8 47.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 18.360 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063726.D

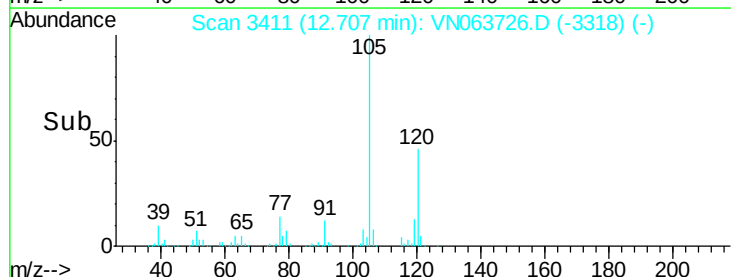
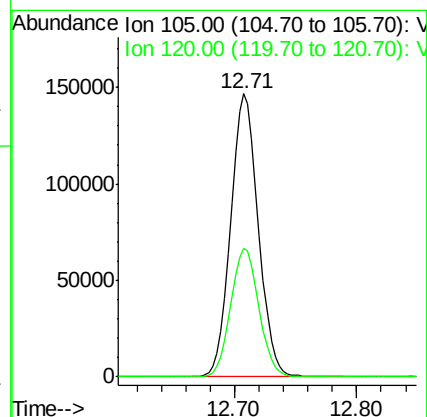
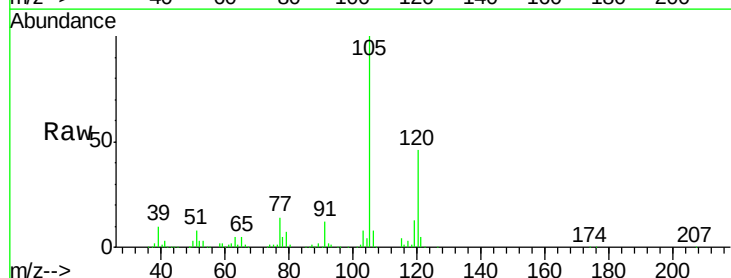
Acq: 29 Sep 2020 14:40

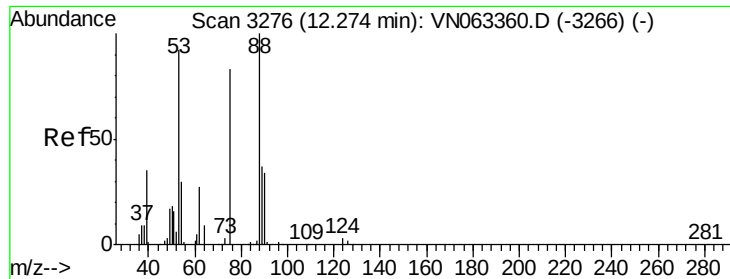
Tgt Ion: 105 Resp: 232450

Ion Ratio Lower Upper

105 100

120 46.4 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.048 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

ClientSampleId :

VN0929WBSD01

Tot Ion: 75 Resp: 30872

Ion Ratio Lower Upper

75 100

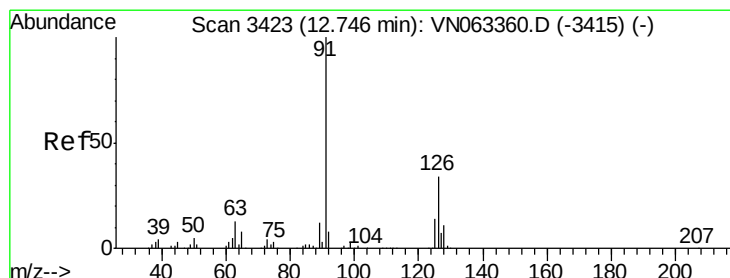
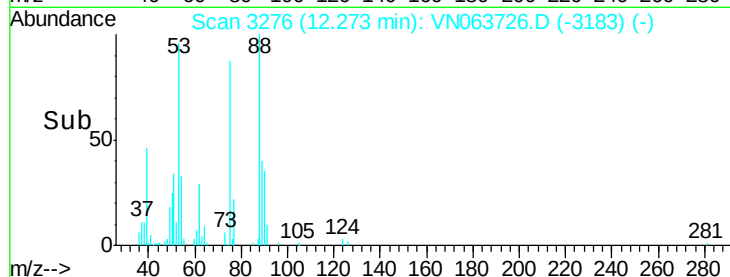
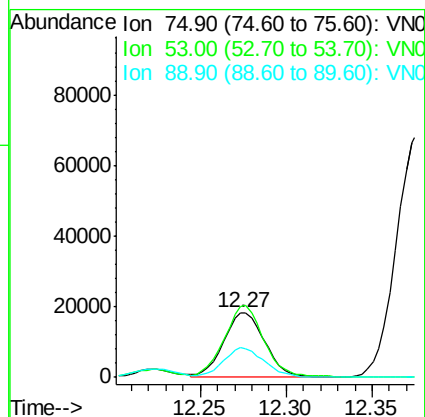
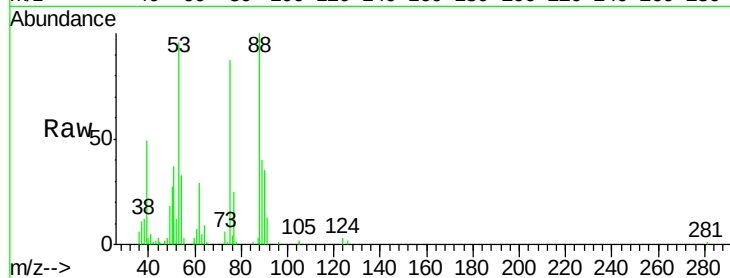
53 108.0 85.7 128.5

89 45.0 38.0 57.0

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 18.228 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063726.D

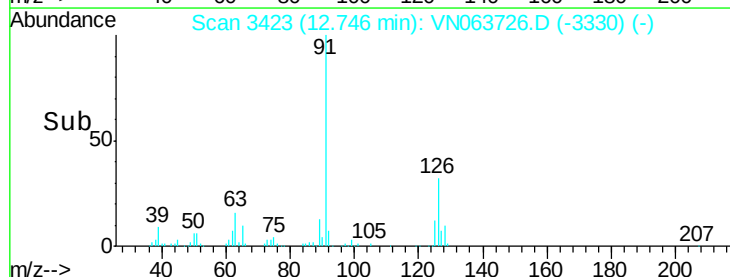
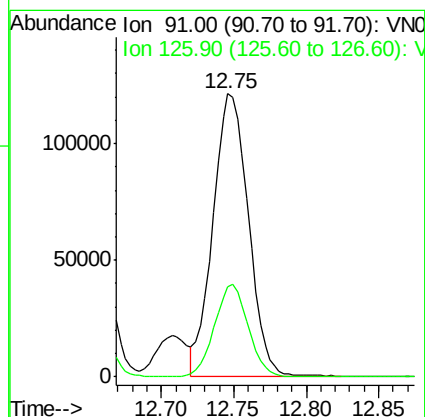
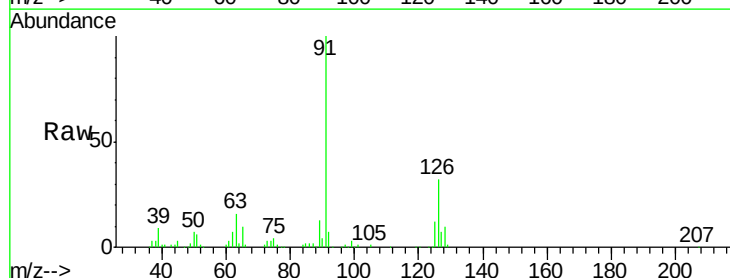
Acq: 29 Sep 2020 14:40

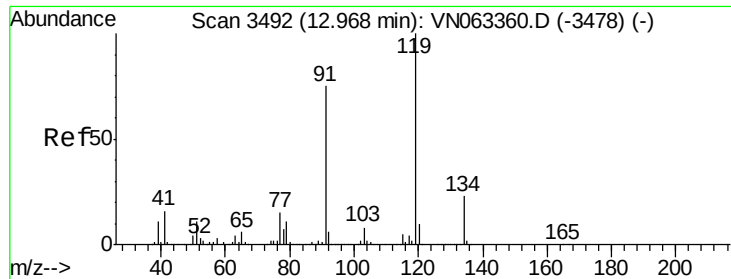
Tgt Ion: 91 Resp: 204162

Ion Ratio Lower Upper

91 100

126 31.4 15.5 46.5





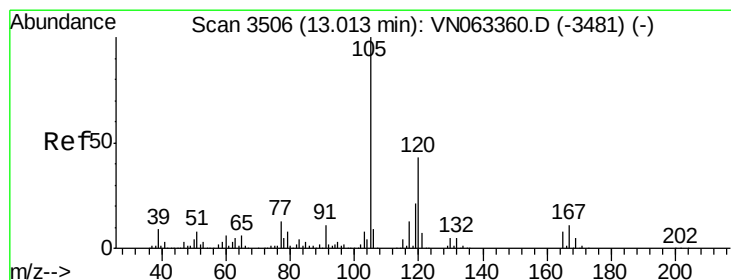
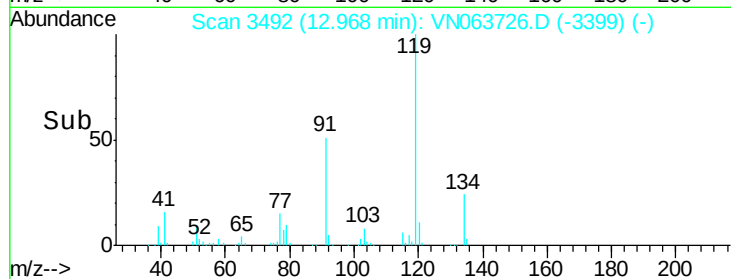
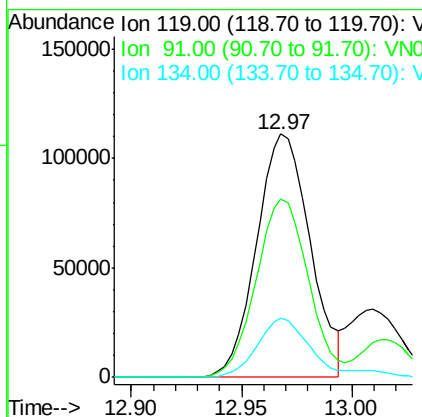
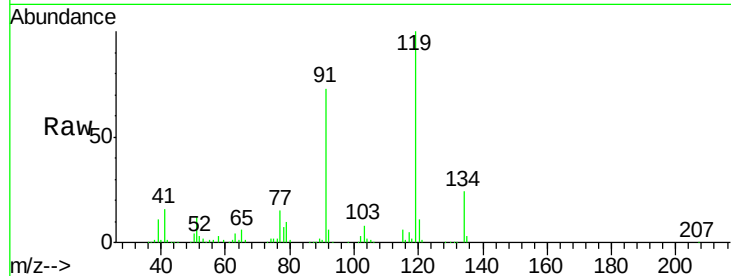
#83  
 tert-Butylbenzene  
 Concen: 17.928 ug/l  
 RT: 12.97 min Scan# 3492  
 Delta R.T. -0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0929WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 71.7  | 36.3  | 108.9 |
| 134     | 23.4  | 12.3  | 36.8  |

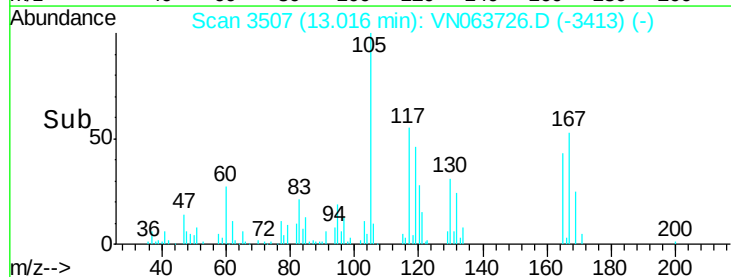
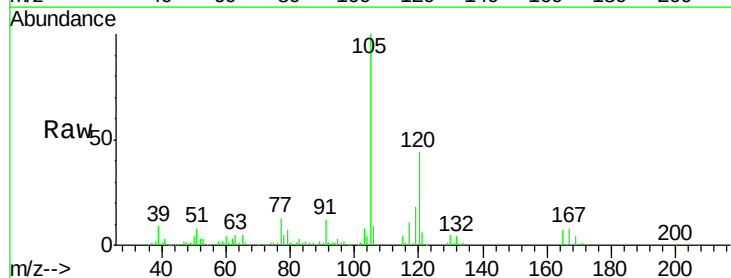
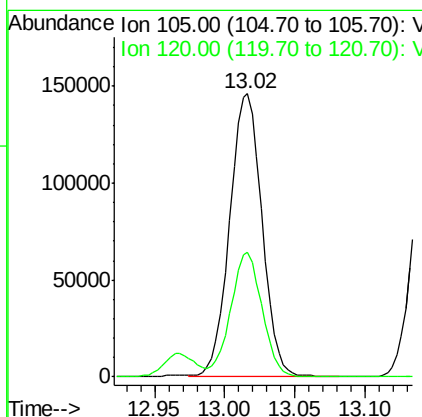
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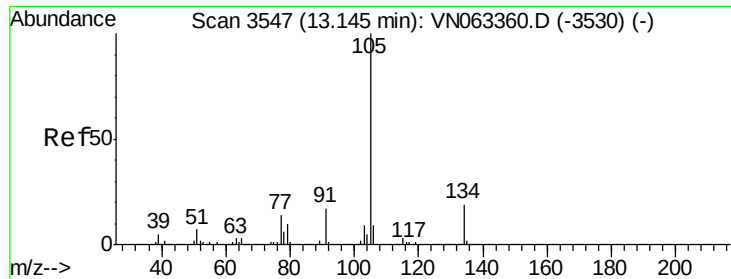
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 18.305 ug/l  
 RT: 13.02 min Scan# 3507  
 Delta R.T. 0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 42.9  | 21.3  | 63.9  |





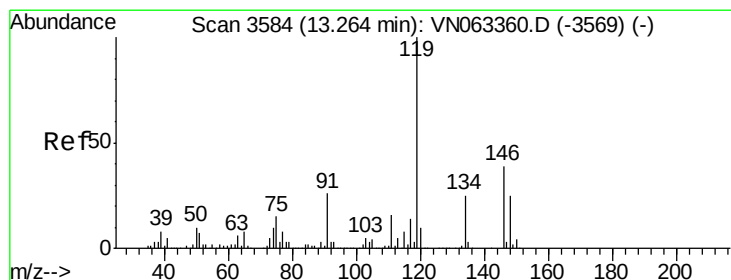
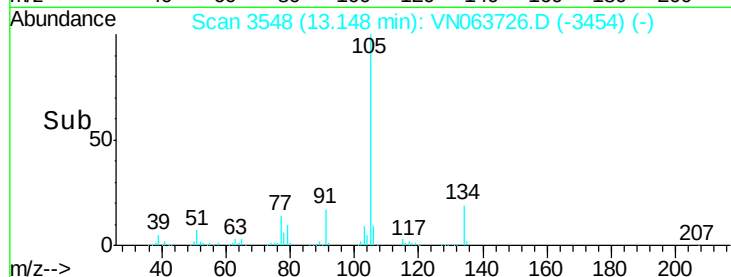
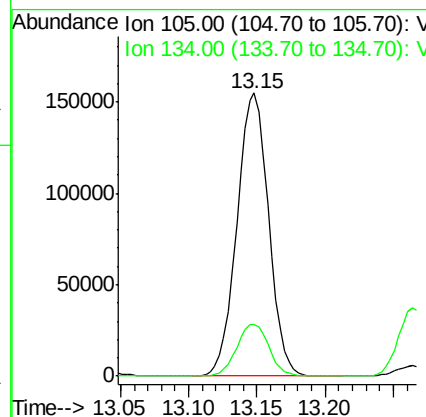
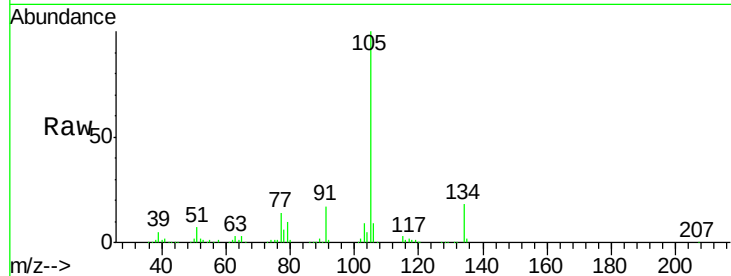
#85  
 sec-Butylbenzene  
 Concen: 17.730 ug/l  
 RT: 13.15 min Scan# 3548  
 Delta R.T. 0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0929WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 247996 |       |       |
| 134     | 18.8  | 9.3    | 27.7  |       |

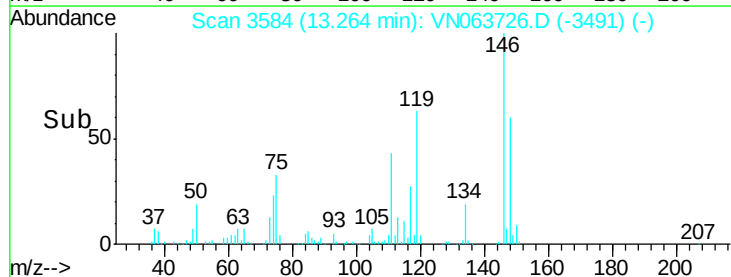
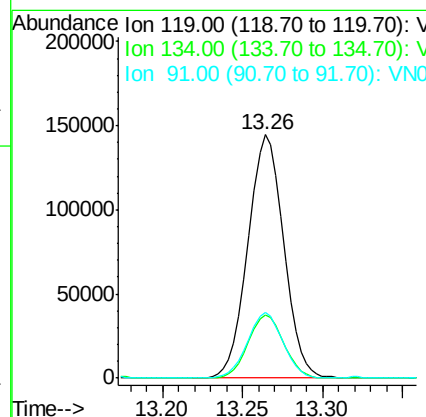
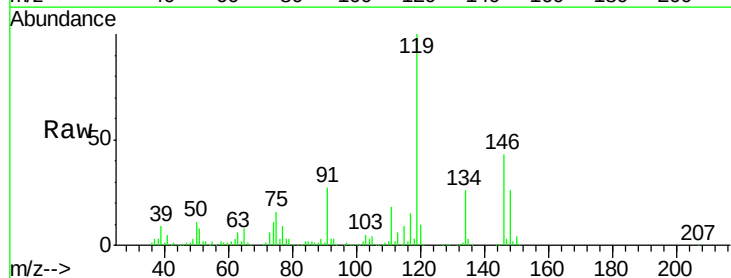
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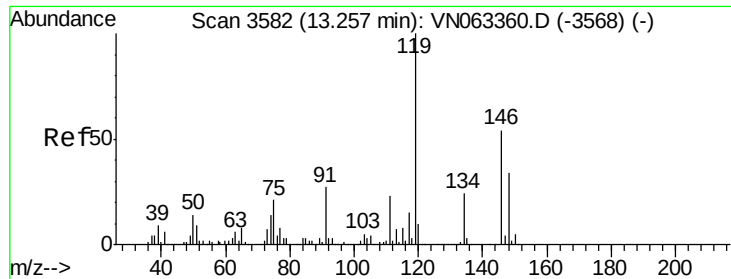


#86  
 p-Isopropyltoluene  
 Concen: 17.839 ug/l  
 RT: 13.26 min Scan# 3584  
 Delta R.T. -0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 220078 |       |       |
| 134     | 25.9  | 12.5   | 37.5  |       |
| 91      | 26.9  | 13.4   | 40.1  |       |







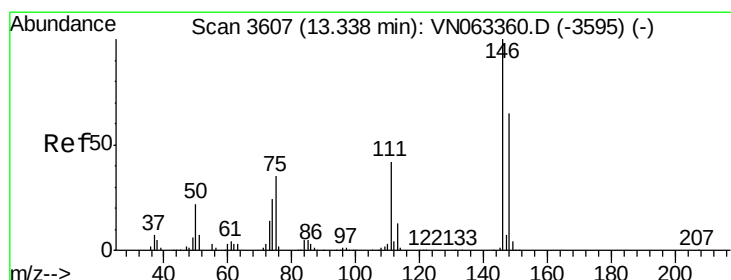
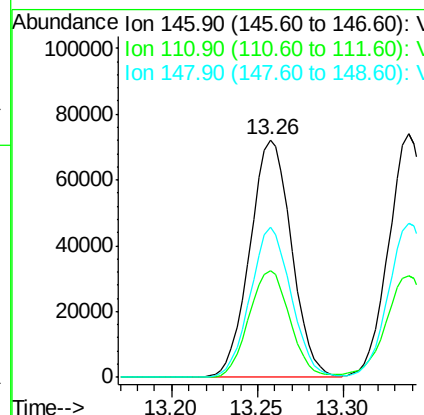
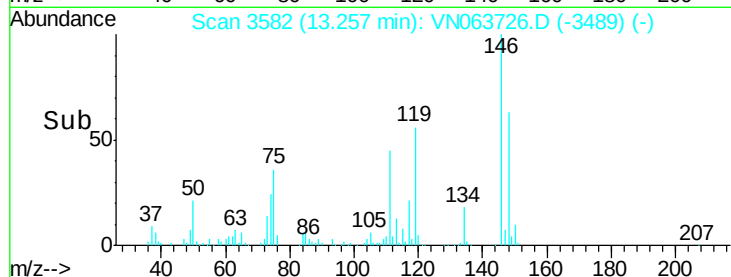
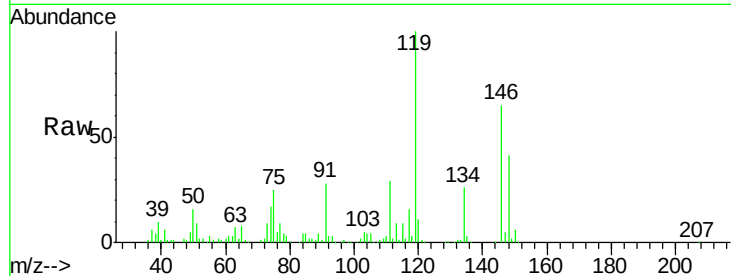
#87  
 1,3-Dichlorobenzene  
 Concen: 19.150 ug/l  
 RT: 13.26 min Scan# 3582  
 Delta R.T. -0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0929WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 121226 |       |       |
| 111     | 43.9  | 21.4   | 64.3  |       |
| 148     | 62.1  | 31.9   | 95.7  |       |

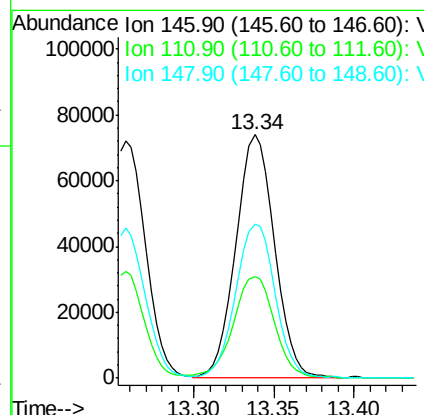
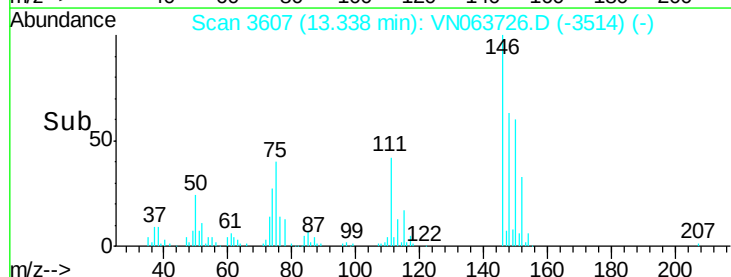
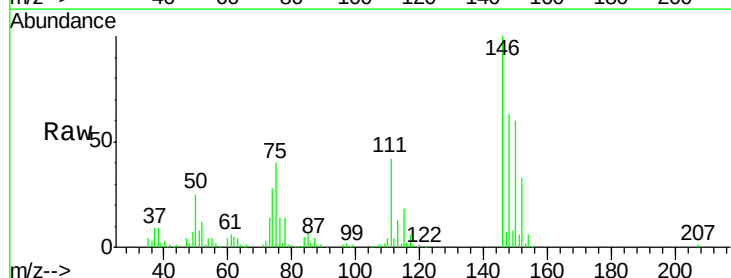
Manual Integrations  
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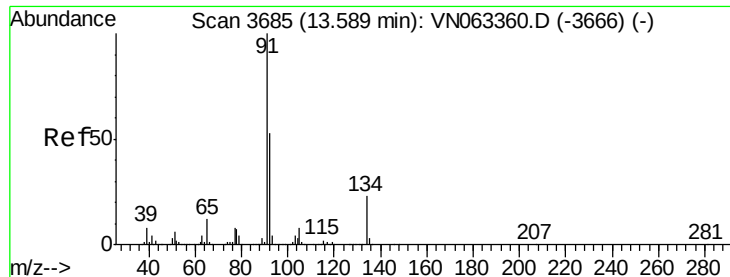
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 18.826 ug/l  
 RT: 13.34 min Scan# 3607  
 Delta R.T. -0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 121163 |       |       |
| 111     | 45.0  | 21.2   | 63.6  |       |
| 148     | 65.5  | 31.9   | 95.9  |       |





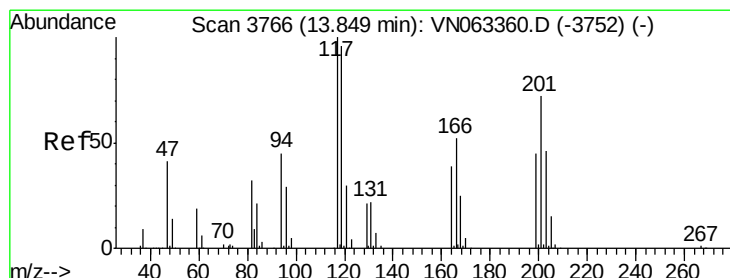
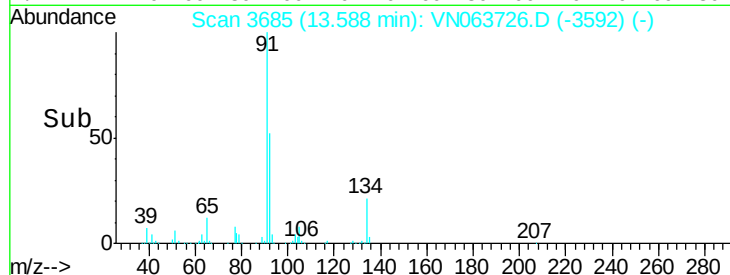
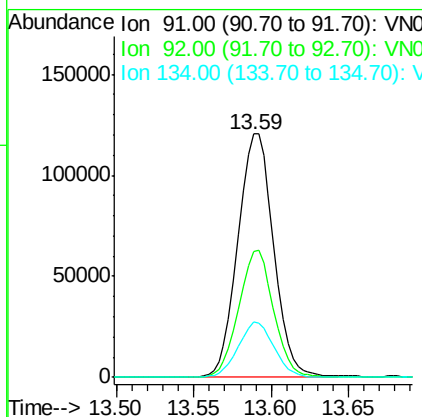
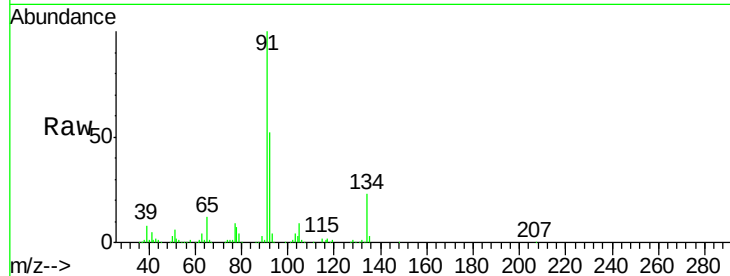
#89  
n-Butylbenzene  
Concen: 17.083 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0929WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 50.8  | 26.0  | 78.0  |
| 134     | 22.8  | 11.7  | 35.0  |

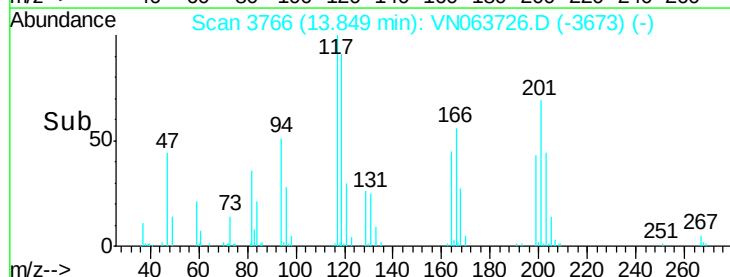
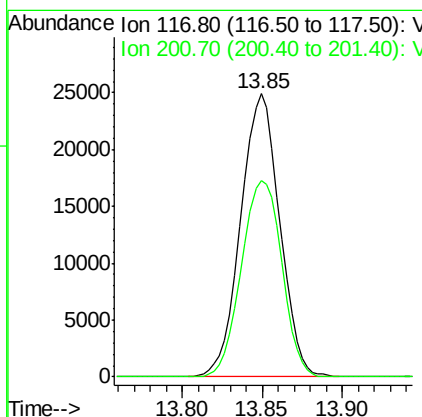
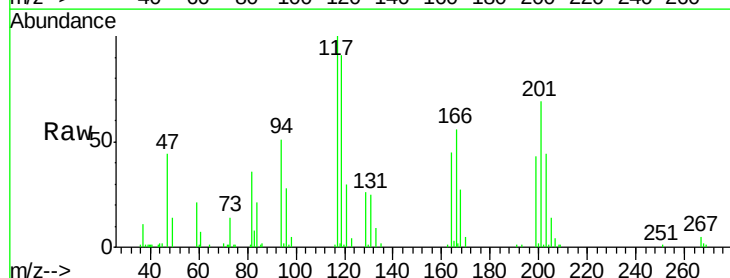
Manual Integrations  
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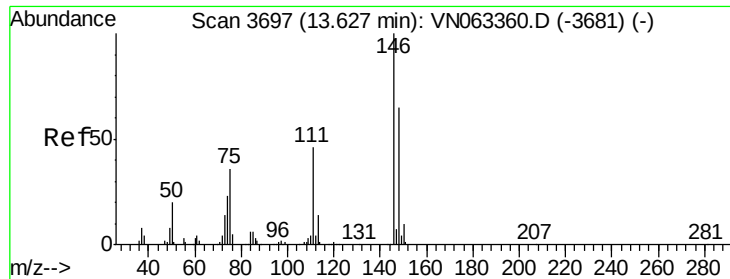
MMDadoda  
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#90  
Hexachloroethane  
Concen: 17.616 ug/l  
RT: 13.85 min Scan# 3766  
Delta R.T. -0.00 min  
Lab File: VN063726.D  
Acq: 29 Sep 2020 14:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 71.7  | 35.5  | 106.7 |





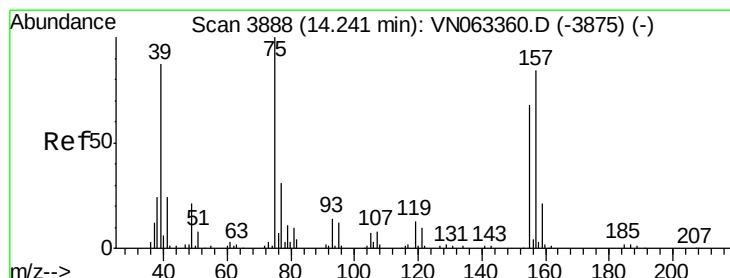
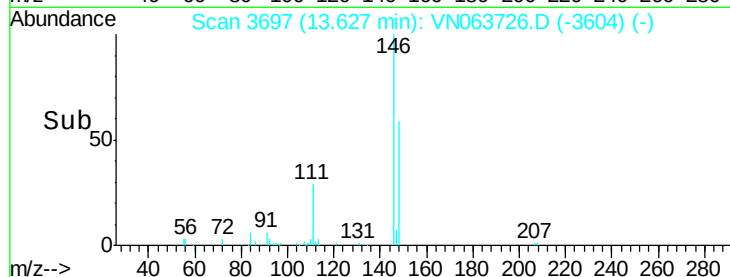
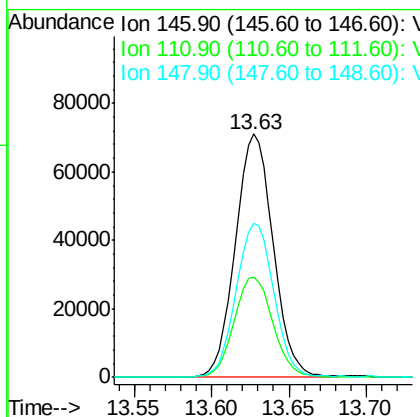
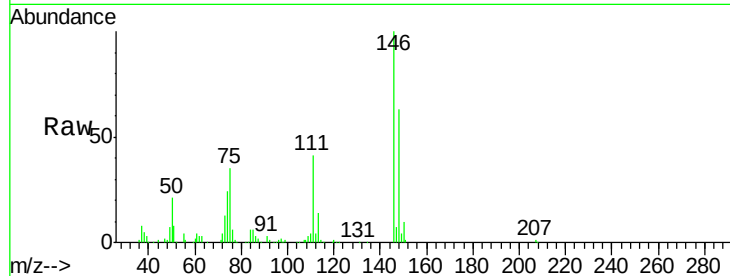
#91  
 1,2-Dichlorobenzene  
 Concen: 19.433 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. -0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0929WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.3  | 22.4  | 67.2  |
| 148     | 63.7  | 32.0  | 96.0  |

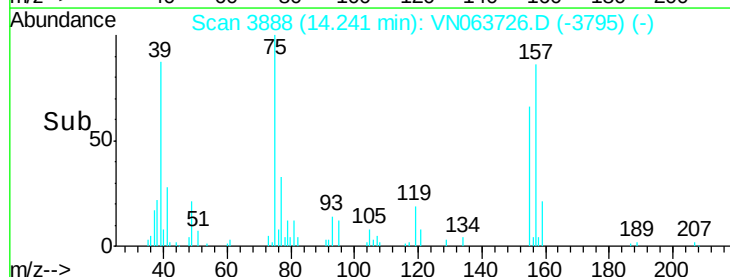
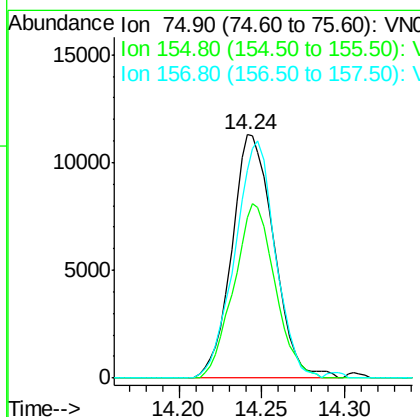
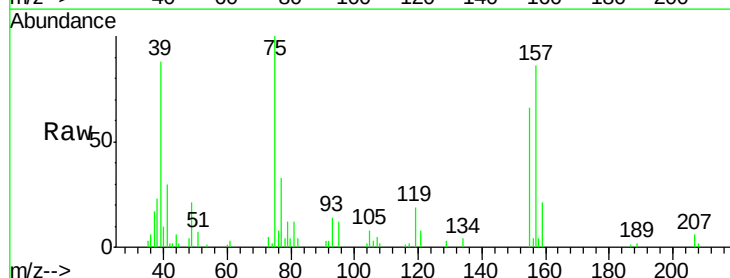
Manual Integrations  
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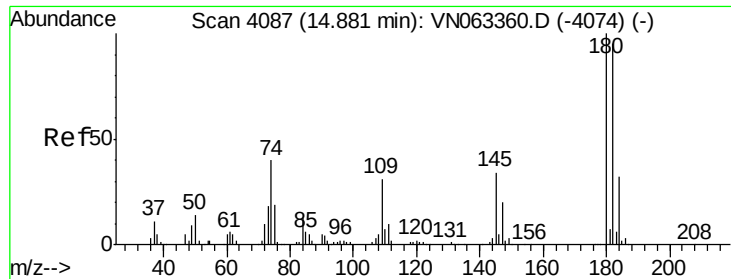
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.771 ug/l  
 RT: 14.24 min Scan# 3888  
 Delta R.T. -0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 69.9  | 34.6  | 103.9 |
| 157     | 93.7  | 43.7  | 131.1 |





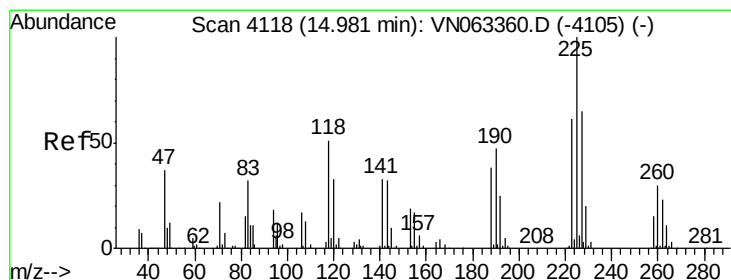
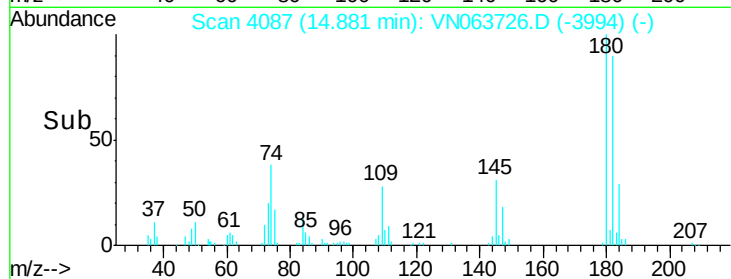
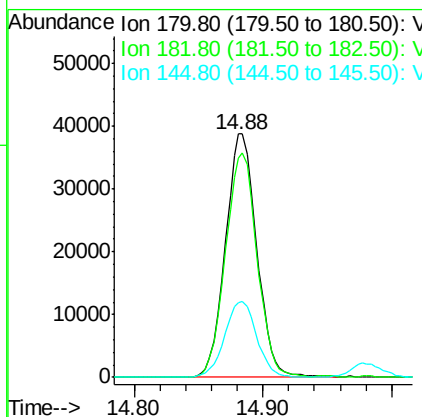
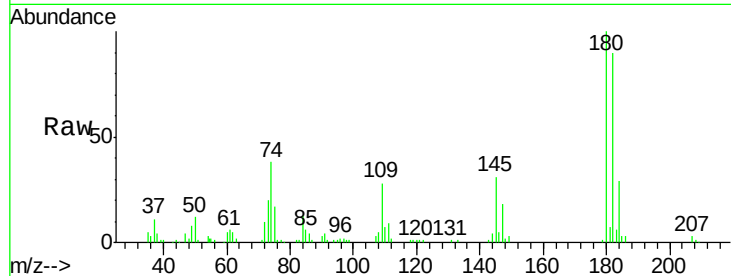
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.792 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. -0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0929WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.1  | 47.3  | 142.0 |
| 145     | 31.8  | 16.6  | 49.7  |

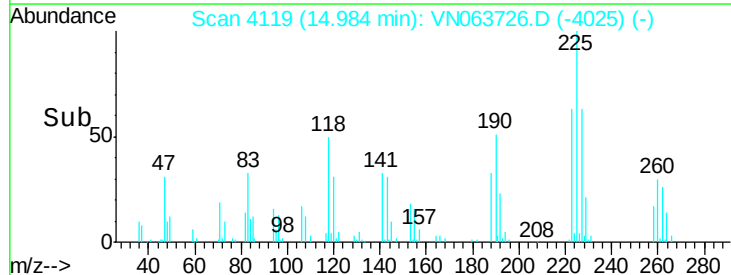
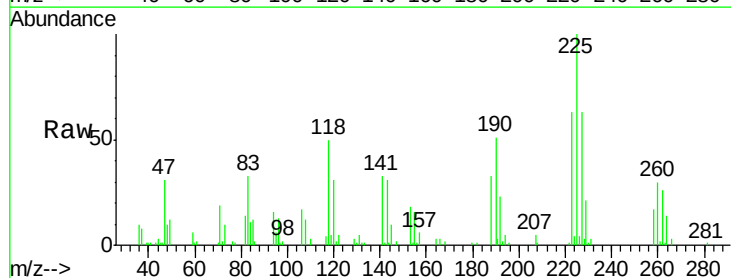
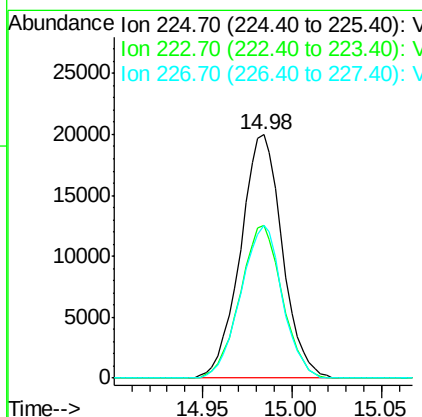
Manual Integrations  
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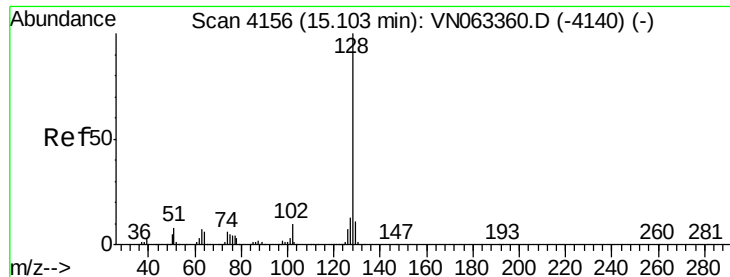
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#94  
 Hexachlorobutadiene  
 Concen: 21.558 ug/l  
 RT: 14.98 min Scan# 4119  
 Delta R.T. 0.00 min  
 Lab File: VN063726.D  
 Acq: 29 Sep 2020 14:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.9  | 30.6  | 91.6  |
| 227     | 62.1  | 31.2  | 93.6  |





#95

Naphthalene

Concen: 16.650 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

Instrument :

MSVOA\_N

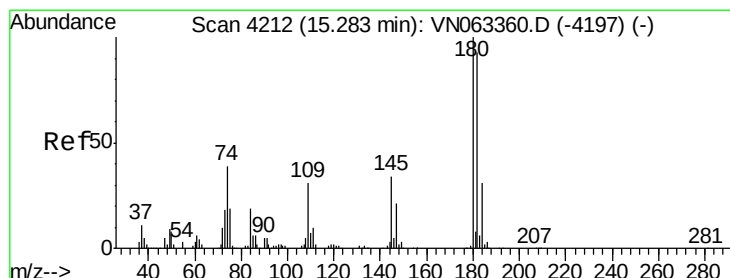
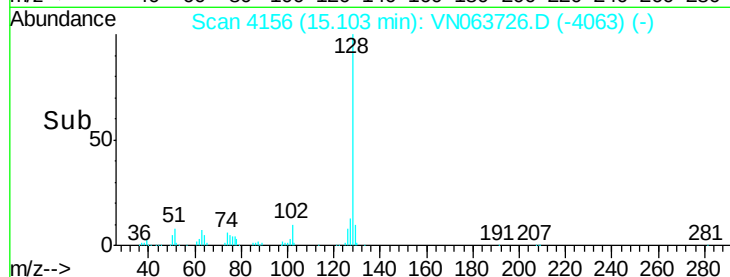
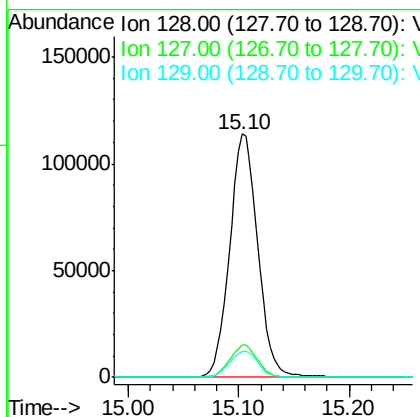
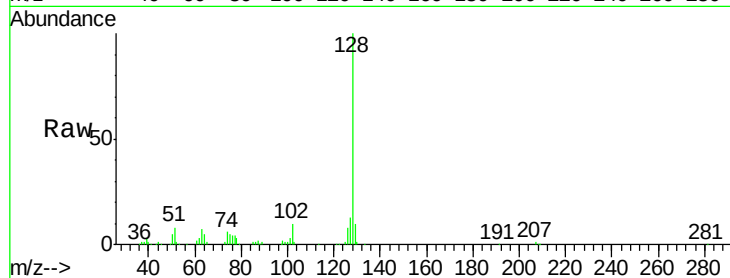
ClientSampleId :

VN0929WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 201545 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.1  | 10.6  | 15.8   |
| 129       | 10.7  | 8.8   | 13.2   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 17.325 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063726.D

Acq: 29 Sep 2020 14:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 61333 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 98.1  | 46.7  | 140.1 |
| 145       | 34.1  | 16.8  | 50.3  |

