

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\  
 Data File : VN063765.D  
 Acq On : 1 Oct 2020 12:29  
 Operator : JC/MD  
 Sample : VN1001WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1001WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 10/2/2020 3:11:14 PM

Quant Time: Oct 02 02:28:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 01 01:46:38 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 255107   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 434434   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 409148   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 189076   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 217826   | 51.68 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.36% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 150658   | 49.98 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.96%  |      |
| 50) Toluene-d8            | 10.06  | 98  | 558456   | 48.87 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.74%  |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 206537   | 48.08 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.16%  |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 51849  | 19.262  | ug/l   | 100    |
| 3) Chloromethane              | 2.04 | 50  | 58362  | 18.478  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.16 | 62  | 59051  | 18.625  | ug/l   | 97     |
| 5) Bromomethane               | 2.54 | 94  | 35952  | 18.028  | ug/l   | 93     |
| 6) Chloroethane               | 2.68 | 64  | 37939  | 20.026  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 98831  | 19.655  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.38 | 74  | 34122  | 20.065  | ug/l   | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 51581  | 19.193  | ug/l   | 97     |
| 10) Methyl Iodide             | 3.91 | 142 | 56716  | 18.175  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 50177  | 107.838 | ug/l # | 84     |
| 12) 1,1-Dichloroethene        | 3.70 | 96  | 50608  | 19.700  | ug/l   | 95     |
| 13) Acrolein                  | 3.57 | 56  | 27330  | 95.702  | ug/l   | 93     |
| 14) Allyl chloride            | 4.28 | 41  | 96844  | 20.292  | ug/l   | 95     |
| 15) Acrylonitrile             | 4.93 | 53  | 133983 | 100.596 | ug/l   | 99     |
| 16) Acetone                   | 3.78 | 43  | 133170 | 102.646 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.01 | 76  | 133225 | 19.620  | ug/l   | 97     |
| 18) Methyl Acetate            | 4.28 | 43  | 67021  | 19.896  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 188545 | 20.202  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.50 | 84  | 62033  | 20.932  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 54162  | 18.823  | ug/l   | 99     |
| 22) Diisopropyl ether         | 5.90 | 45  | 200437 | 20.413  | ug/l   | 91     |
| 23) Vinyl Acetate             | 5.85 | 43  | 825261 | 101.462 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 111425 | 19.847  | ug/l   | 98     |
| 25) 2-Butanone                | 6.79 | 43  | 194119 | 105.536 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 98677  | 19.193  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 65590  | 19.820  | ug/l   | 100    |
| 28) Bromochloromethane        | 7.15 | 49  | 65563  | 23.628  | ug/l   | 97     |
| 29) Tetrahydrofuran           | 7.16 | 42  | 126620 | 102.639 | ug/l   | 99     |
| 30) Chloroform                | 7.33 | 83  | 117207 | 20.022  | ug/l   | 98     |
| 31) Cyclohexane               | 7.61 | 56  | 92029  | 18.809  | ug/l # | 95     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 105041 | 19.894  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 81409  | 18.497  | ug/l   | 98     |
| 37) Ethyl Acetate             | 6.88 | 43  | 81014  | 18.527  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 91082  | 18.455  | ug/l   | 96     |

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 Sample : VN1001WBS01  
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN1001WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 10/2/2020 3:11:14 PM

Quant Time: Oct 02 02:28:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 01 01:46:38 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 78098    | 17.794  | ug/l   | 99       |
| 40) Benzene                    | 8.00  | 78   | 238741   | 18.991  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.13  | 41   | 34316m   | 17.658  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 103599   | 19.306  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.13  | 43   | 144795   | 20.075  | ug/l   | 98       |
| 44) Trichloroethene            | 8.80  | 130  | 61988    | 18.820  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 65027    | 19.154  | ug/l   | 98       |
| 46) Dibromomethane             | 9.18  | 93   | 45016    | 19.221  | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.37  | 83   | 93656    | 19.403  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.16  | 41   | 69461    | 19.493  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.16  | 88   | 18760    | 370.424 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 423967   | 100.166 | ug/l   | 100      |
| 52) Toluene                    | 10.13 | 92   | 150271   | 19.326  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 100198   | 19.365  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 104804   | 19.368  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 60731    | 19.476  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 85769    | 19.405  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 104909   | 19.886  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 242542   | 102.584 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.72 | 43   | 306128   | 97.360  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.87 | 129  | 66622    | 18.345  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 61092    | 19.152  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.60 | 164  | 56057    | 17.709  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.41 | 112  | 162495   | 19.361  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 62943    | 19.562  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.48 | 91   | 291391   | 19.080  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.60 | 106  | 214617   | 37.706  | ug/l   | 99       |
| 69) o-Xylene                   | 11.92 | 106  | 101449   | 19.069  | ug/l   | 98       |
| 70) Styrene                    | 11.94 | 104  | 175217   | 19.403  | ug/l   | 97       |
| 71) Bromoform                  | 12.10 | 173  | 45014    | 18.292  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.23 | 105  | 277597   | 20.129  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.05 | 43   | 117914   | 19.796  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 86120    | 20.421  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 82935m   | 19.898  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 66462    | 19.640  | ug/l   | 95       |
| 78) n-propylbenzene            | 12.57 | 91   | 311152   | 19.386  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 196895   | 19.947  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 226314   | 19.560  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.28 | 75   | 29255    | 20.216  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 202883   | 19.799  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.97 | 119  | 179671   | 18.985  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.02 | 105  | 225772   | 19.545  | ug/l   | 96       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 237523   | 19.108  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 210856   | 19.175  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 118648   | 19.380  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 119545   | 18.754  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 182288   | 17.960  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.85 | 117  | 40003    | 18.773  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 114488   | 18.881  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 19404    | 19.620  | ug/l   | 96       |

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Sample : VN1001WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

Manual Integrations  
APPROVED

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10/2/2020 3:11:14 PM

Quant Time: Oct 02 02:28:04 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 01 01:46:38 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 54626    | 17.728 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 29809    | 18.173 | ug/l  | 97       |
| 95) Naphthalene            | 15.10 | 128  | 180411   | 18.927 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 54423    | 18.052 | ug/l  | 98       |

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

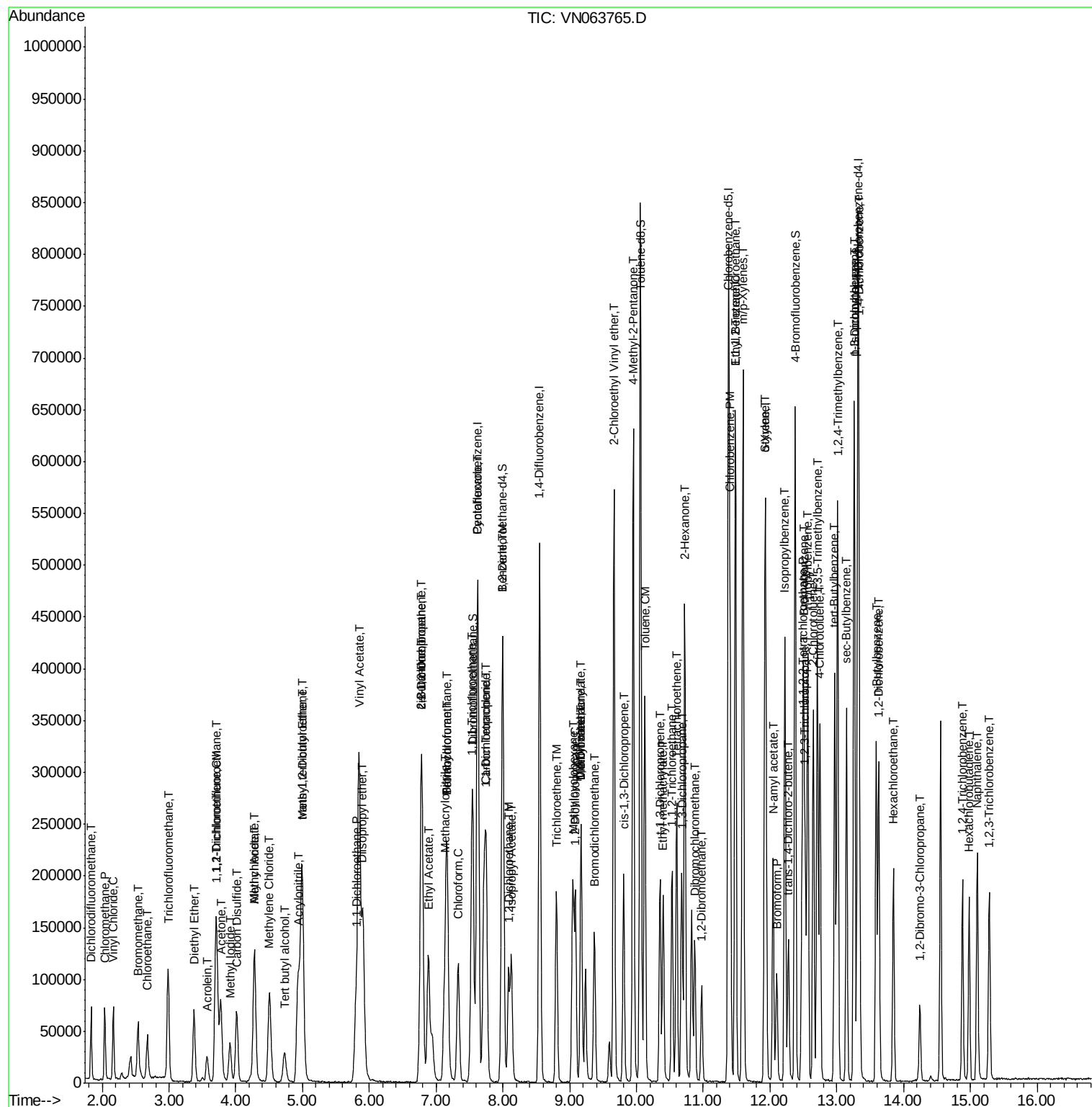
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Acq On : 1 Oct 2020 12:29  
Operator : JC/MD  
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ALS Vial : 5 Sample Multiplier: 1

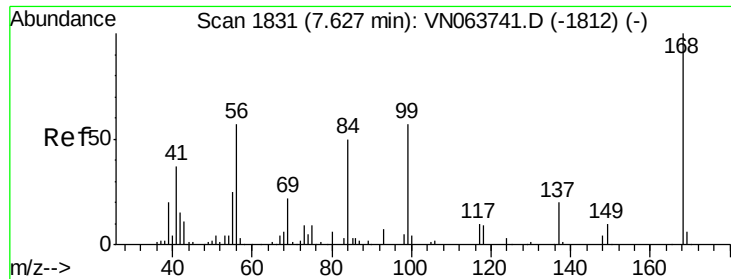
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

Manual Integrations  
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10/2/2020 3:11:14 PM

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Quant Title : SW846 8260  
QLast Update : Thu Oct 01 01:46:38 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA\_N

ClientSampleId :

VN1001WBS01

Tot Ion:168 Resp: 255107

Ion Ratio Lower Upper

168 100

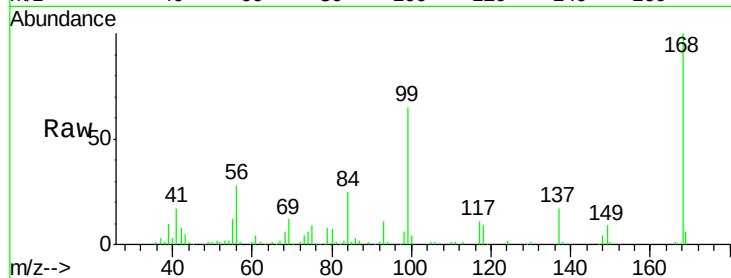
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Manual Integrations

APPROVED

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10/2/2020 3:11:14 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

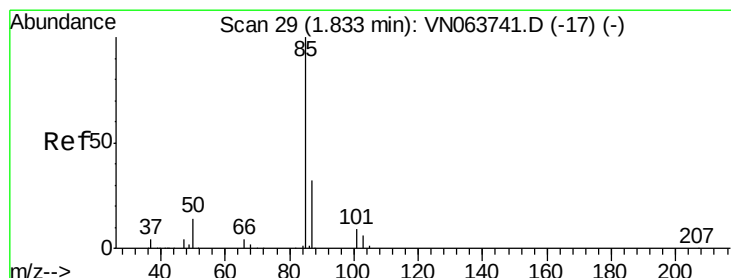
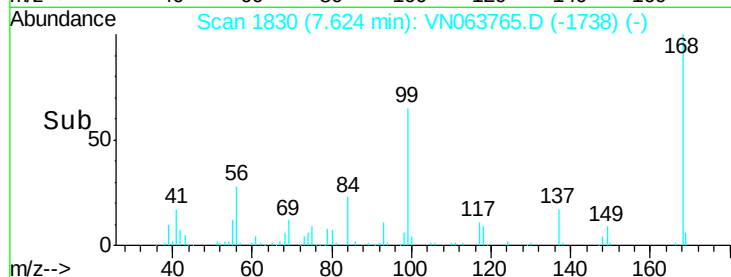
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.262 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063765.D

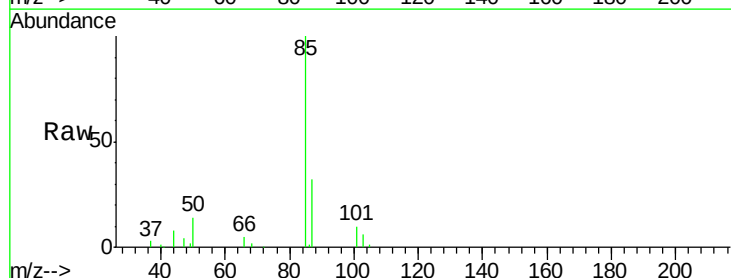
Acq: 1 Oct 2020 12:29

Tgt Ion: 85 Resp: 51849

Ion Ratio Lower Upper

85 100

87 31.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

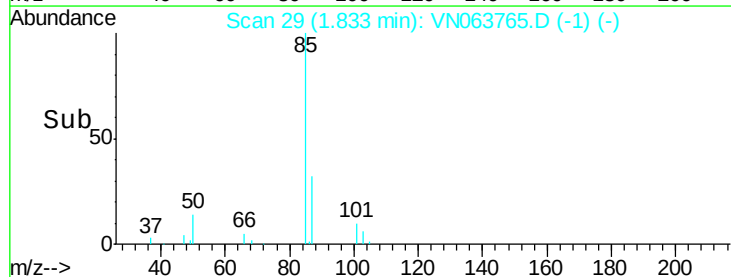
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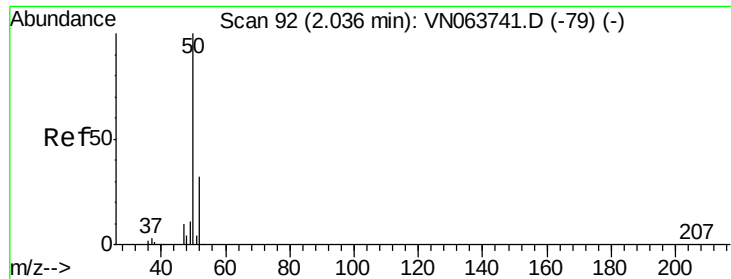
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Time-->





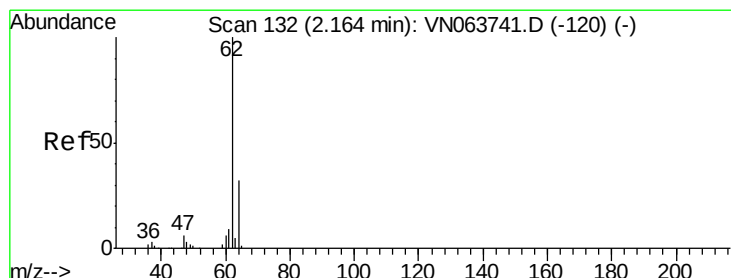
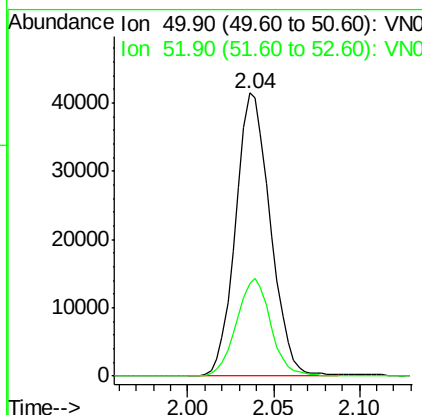
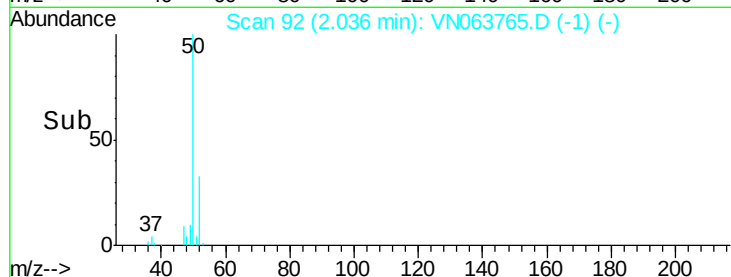
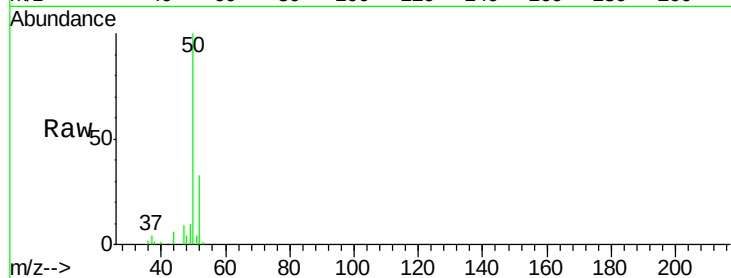
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Chloromethane  
Concen: 18.478 ug/l  
RT: 2.04 min Scan# 92  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

Tot Ion: 50 Resp: 58362  
Ion Ratio Lower Upper  
50 100  
52 32.7 25.8 38.8

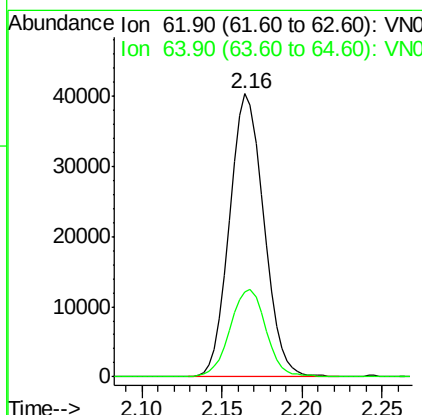
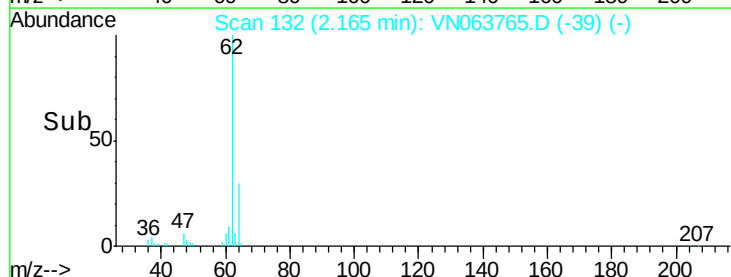
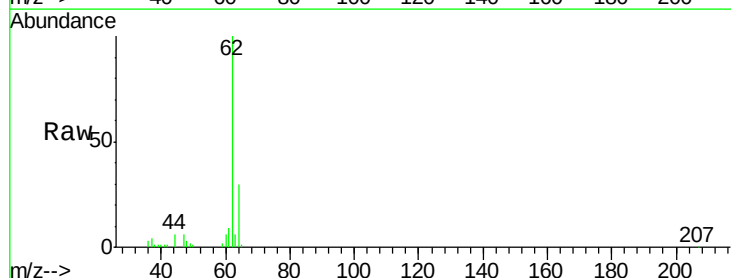
Manual Integrations  
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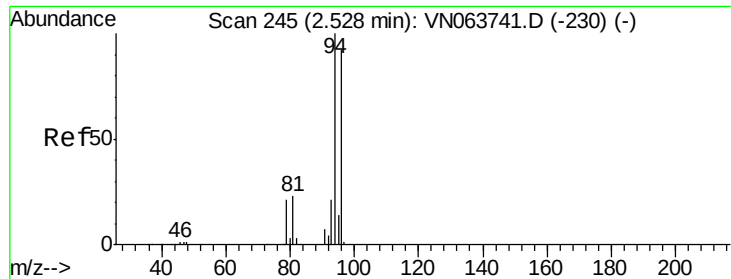
MMDadoda  
10/2/2020 3:11:14 PM



#4  
Vinyl Chloride  
Concen: 18.625 ug/l  
RT: 2.16 min Scan# 132  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Tgt Ion: 62 Resp: 59051  
Ion Ratio Lower Upper  
62 100  
64 30.2 25.6 38.4





#5

Bromomethane

Concen: 18.028 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA\_N

ClientSampleId :

VN1001WBS01

Tot Ion: 94 Resp: 35952

Ion Ratio Lower Upper

94 100

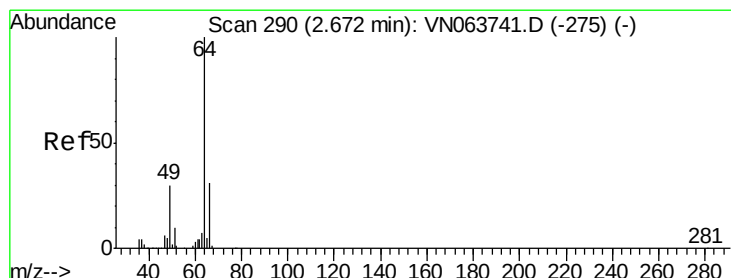
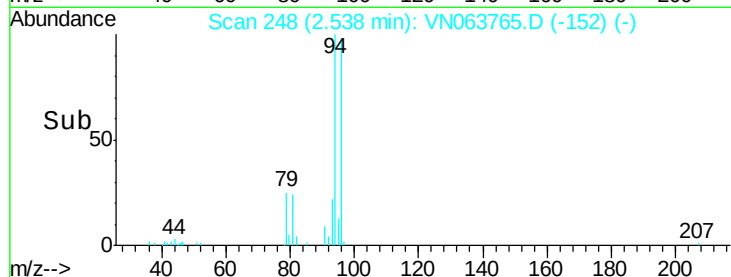
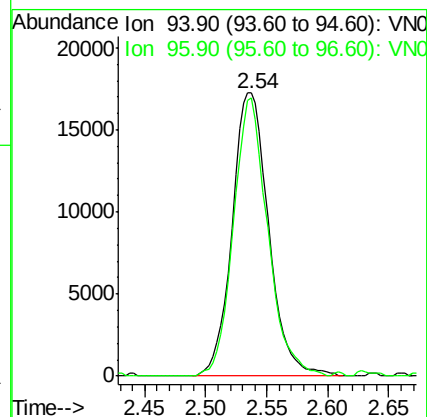
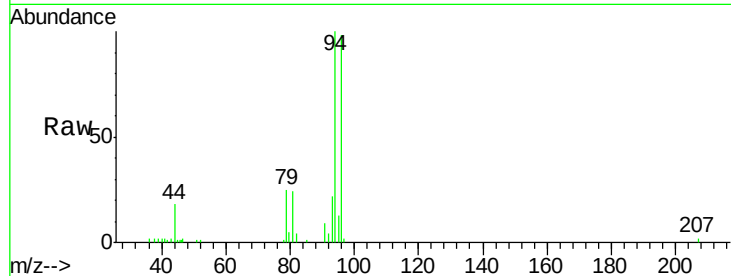
96 98.2 73.3 109.9

Manual Integrations

APPROVED

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10/2/2020 3:11:14 PM



#6

Chloroethane

Concen: 20.026 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063765.D

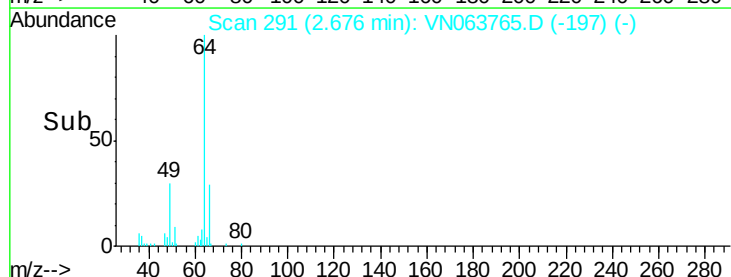
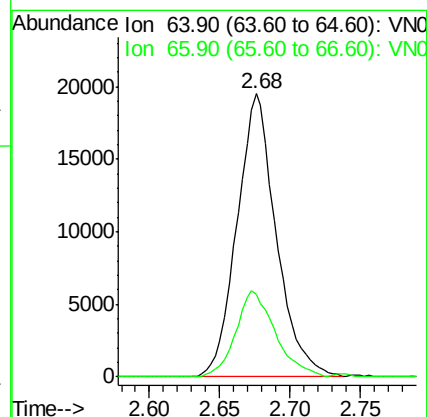
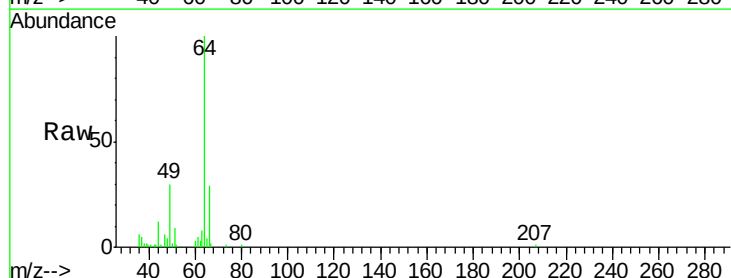
Acq: 1 Oct 2020 12:29

Tgt Ion: 64 Resp: 37939

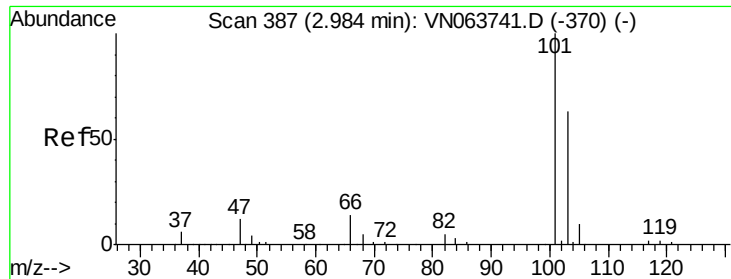
Ion Ratio Lower Upper

64 100

66 28.9 25.1 37.7







#7

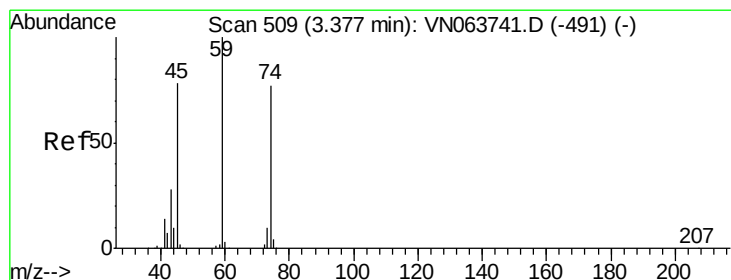
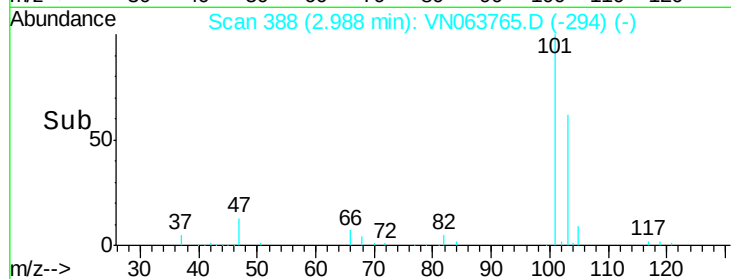
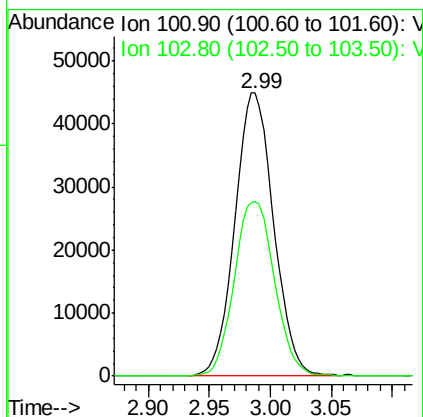
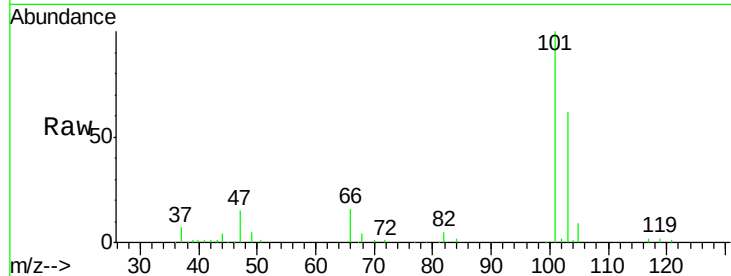
Trichlorofluoromethane  
Concen: 19.655 ug/l  
RT: 2.99 min Scan# 388  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

Tot Ion:101 Resp: 98831  
Ion Ratio Lower Upper  
101 100  
103 61.9 50.7 76.1

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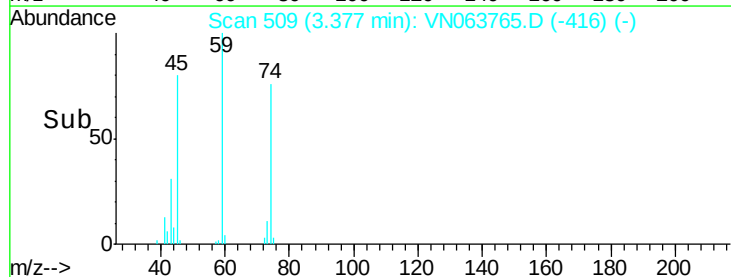
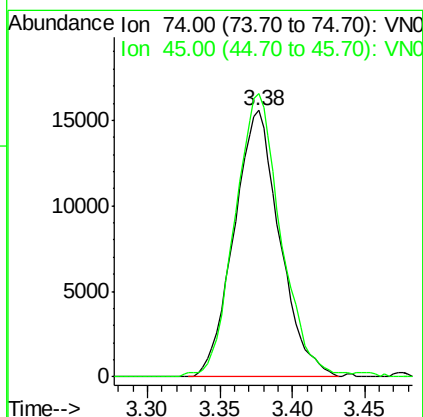
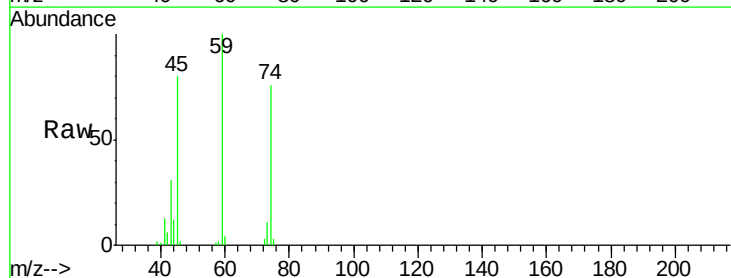
MMDadoda  
10/2/2020 3:11:14 PM



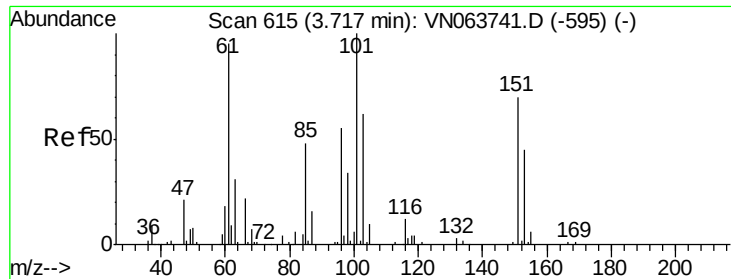
#8

Diethyl Ether  
Concen: 20.065 ug/l  
RT: 3.38 min Scan# 509  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Tgt Ion: 74 Resp: 34122  
Ion Ratio Lower Upper  
74 100  
45 107.2 50.9 152.8







#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.193 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA\_N

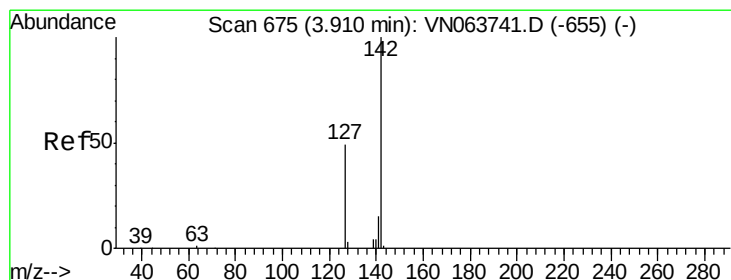
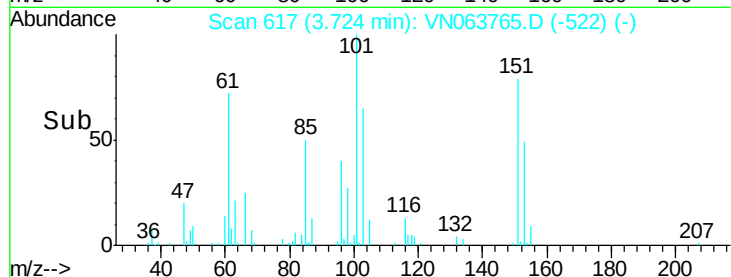
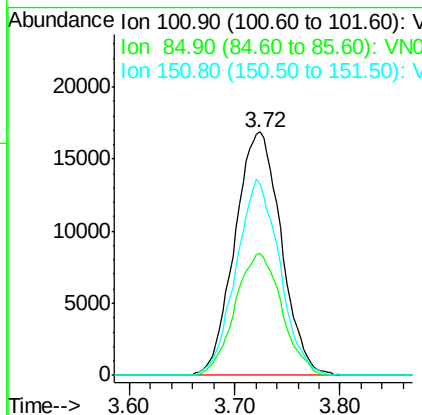
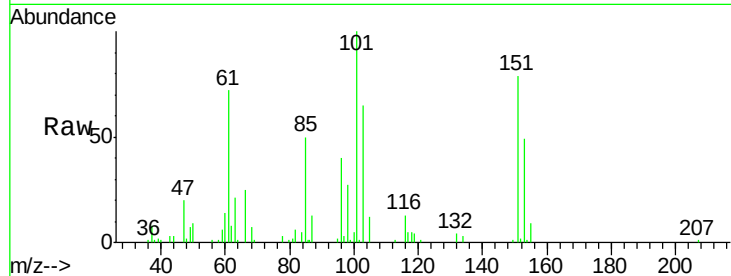
ClientSampleId :

VN1001WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 51581 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 50.2  | 38.6  | 58.0  |
| 151       | 75.7  | 58.7  | 88.1  |

Manual Integrations  
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#10

Methyl Iodide

Concen: 18.175 ug/l

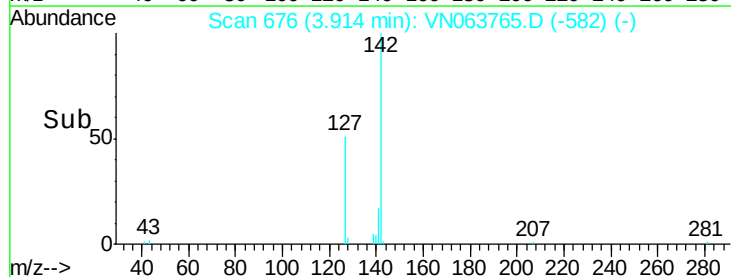
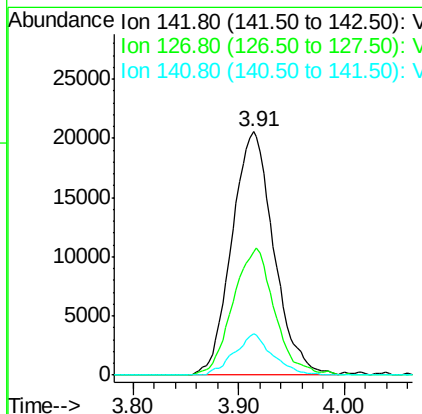
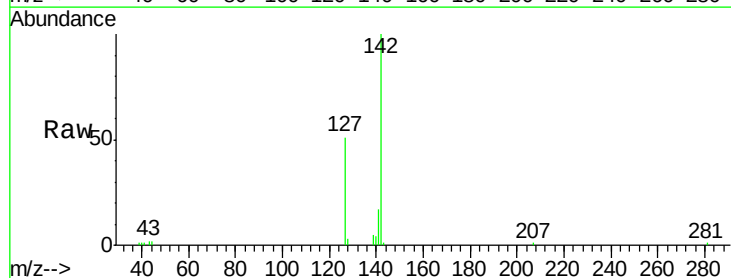
RT: 3.91 min Scan# 676

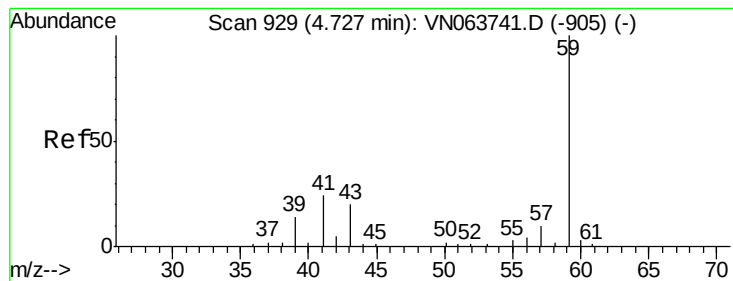
Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 56716 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 51.5  | 40.5  | 60.7  |
| 141       | 15.5  | 11.7  | 17.5  |





#11

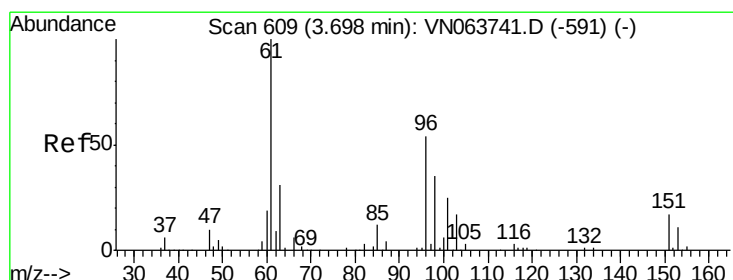
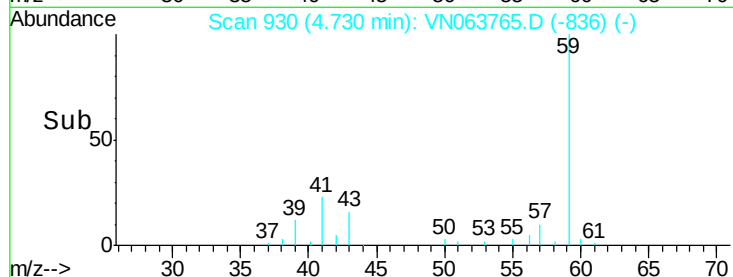
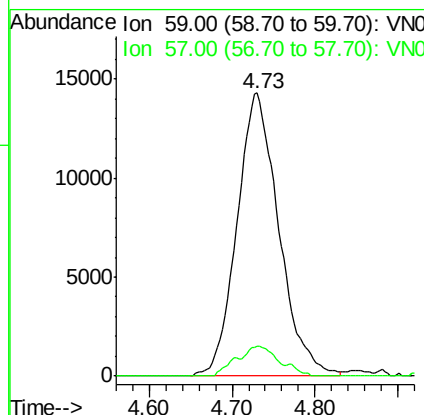
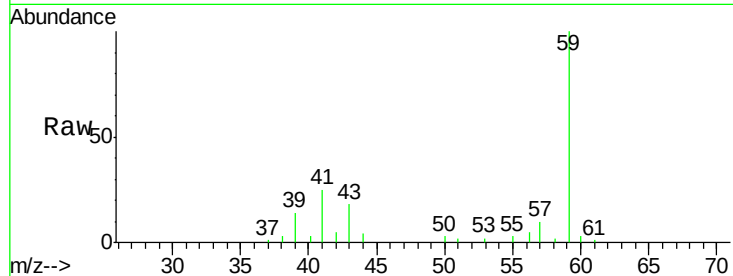
Tert butyl alcohol  
 Concen: 107.838 ug/l  
 RT: 4.73 min Scan# 930  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1001WBS01

Tot Ion: 59 Resp: 50177  
 Ion Ratio Lower Upper  
 59 100  
 57 4.7 8.7 13.1#

Manual Integrations  
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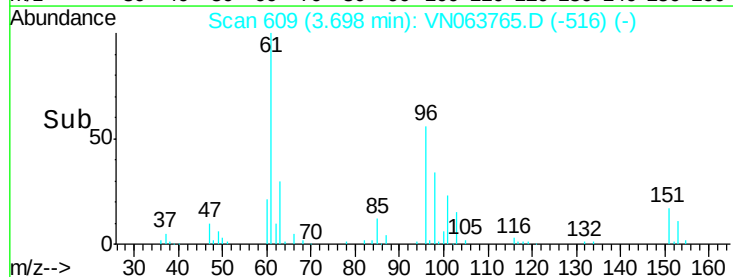
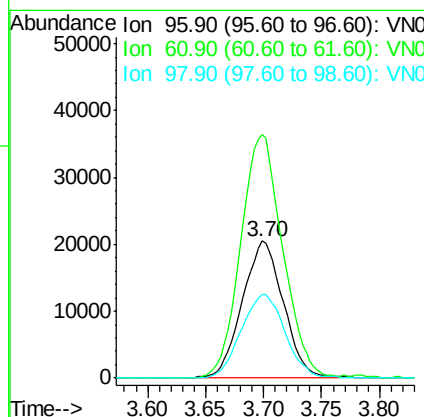
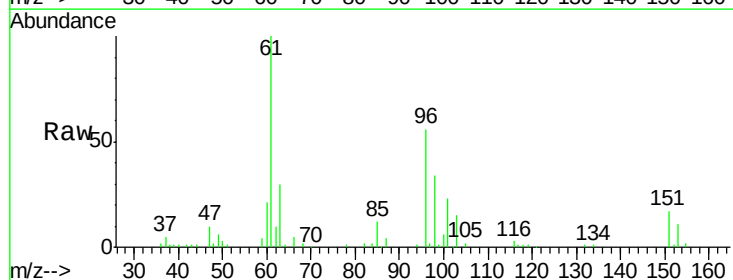
MMDadoda  
 10/2/2020 3:11:14 PM

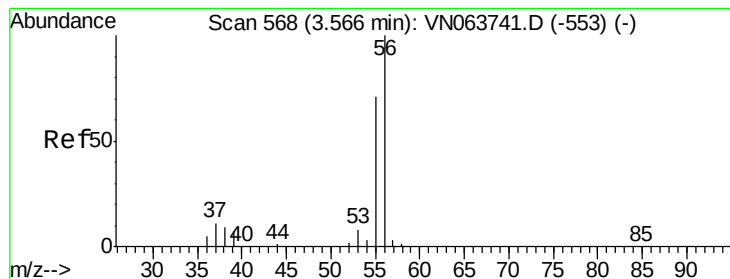


#12

1,1-Dichloroethene  
 Concen: 19.700 ug/l  
 RT: 3.70 min Scan# 609  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

Tgt Ion: 96 Resp: 50608  
 Ion Ratio Lower Upper  
 96 100  
 61 177.9 147.7 221.5  
 98 61.3 51.9 77.9





#13

Acrolein

Concen: 95.702 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA\_N

ClientSampleId :

VN1001WBS01

Tot Ion: 56 Resp: 27330

Ion Ratio Lower Upper

56 100

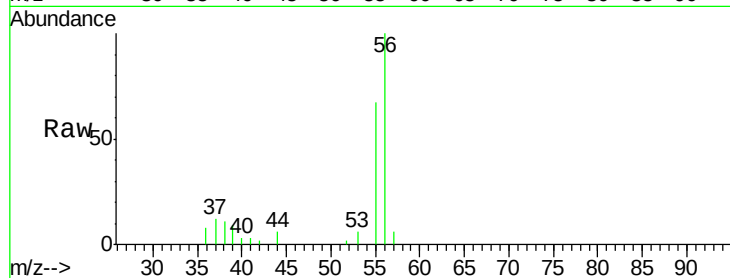
55 77.1 56.9 85.3

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VN063741.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN063741.D (-553) (-)

12000

10000

8000

6000

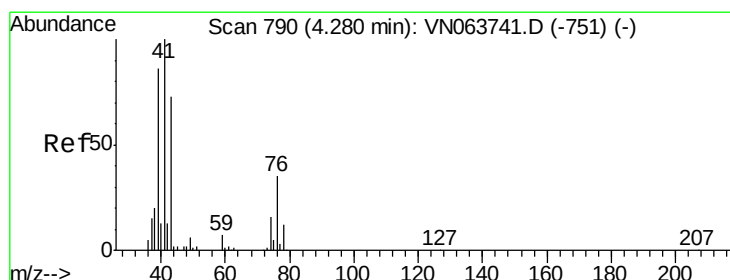
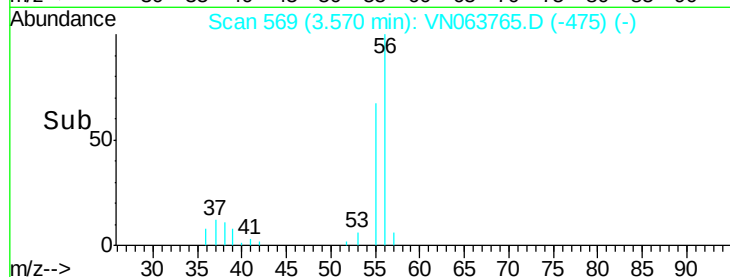
4000

2000

0

3.50 3.55 3.60 3.65

Time-->



#14

Allyl chloride

Concen: 20.292 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

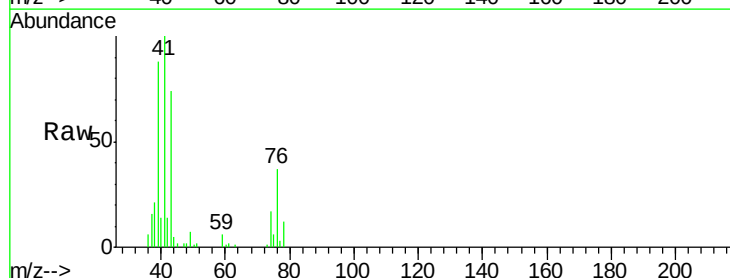
Tgt Ion: 41 Resp: 96844

Ion Ratio Lower Upper

41 100

39 75.7 64.5 96.7

76 31.2 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VN063741.D (-751) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-751) (-)

Ion 75.90 (75.60 to 76.60): VN063741.D (-751) (-)

40000

30000

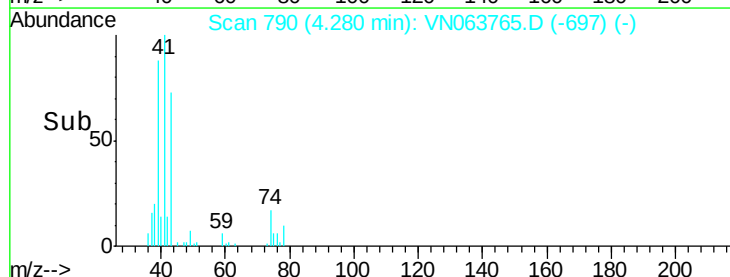
20000

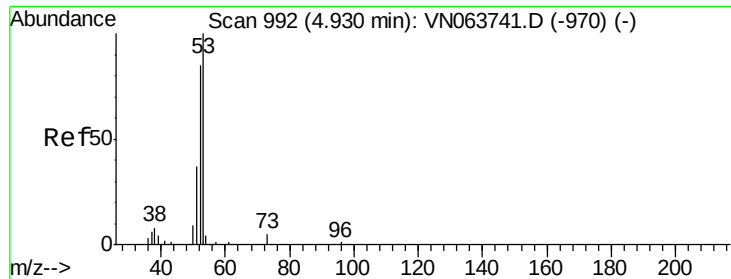
10000

0

4.10 4.20 4.30 4.40

Time-->





#15

Acrylonitrile

Concen: 100.596 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA\_N

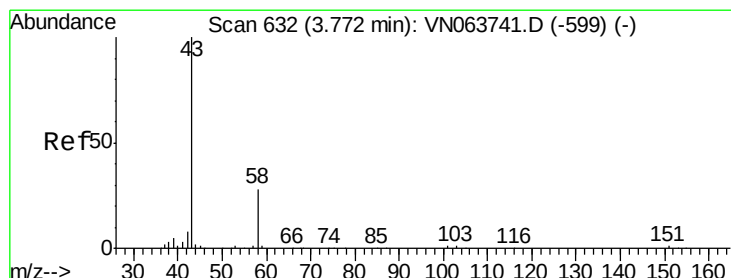
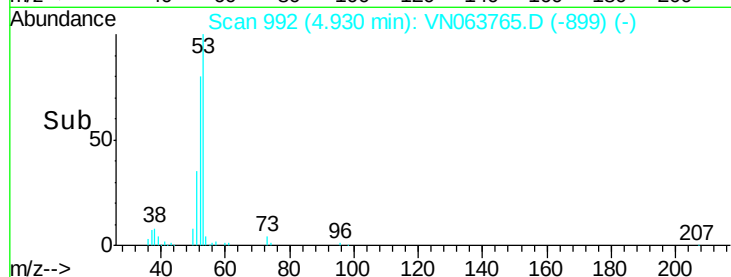
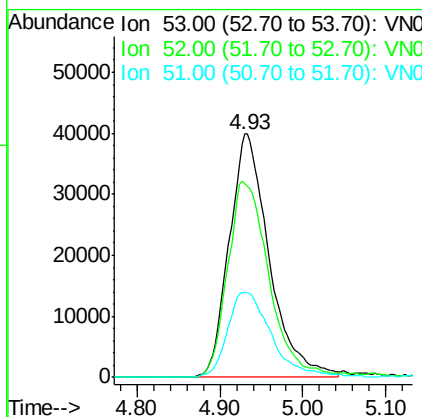
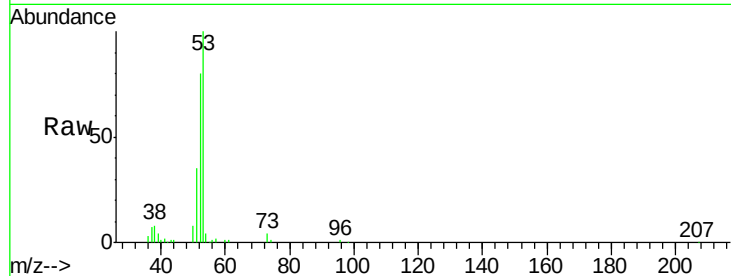
ClientSampled :

VN1001WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 133983 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 83.4 | 66.5  | 99.7   |
| 51        | 38.2 | 29.9  | 44.9   |

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#16

Acetone

Concen: 102.646 ug/l

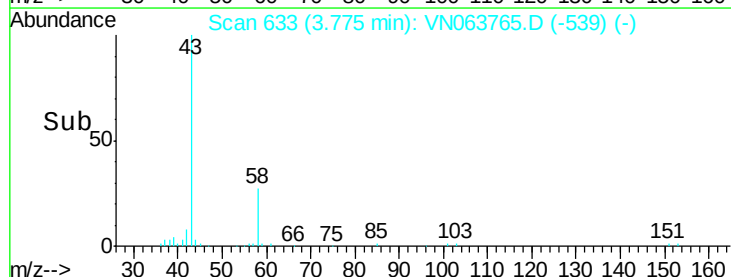
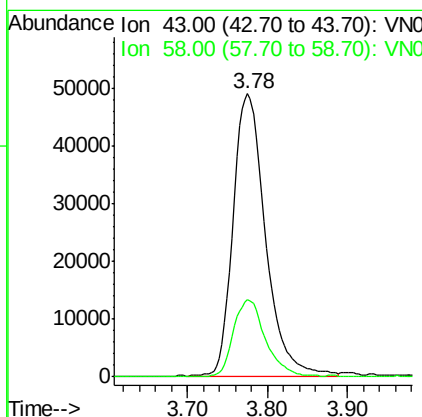
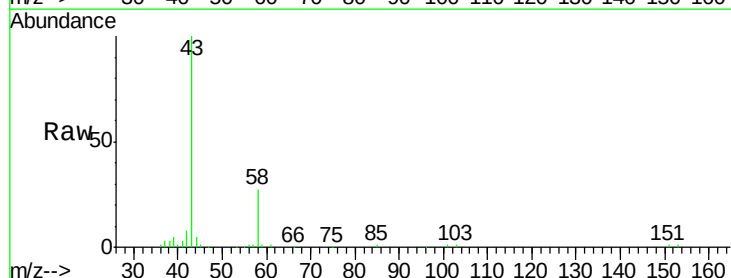
RT: 3.78 min Scan# 633

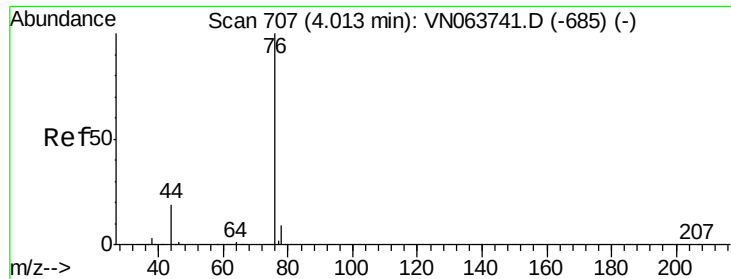
Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 133170 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 27.3 | 22.3  | 33.5   |





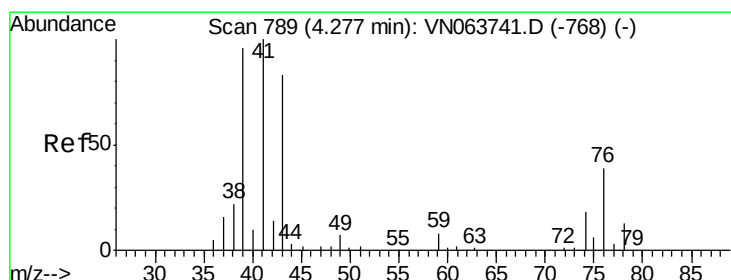
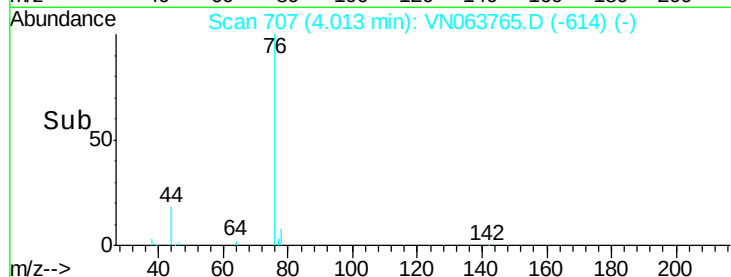
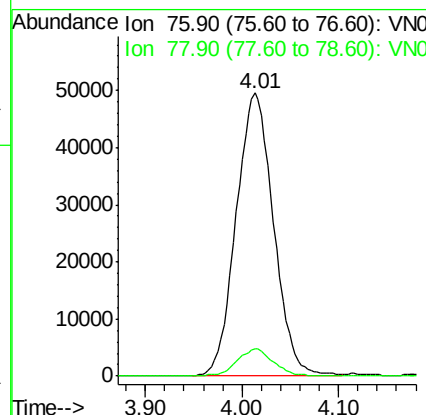
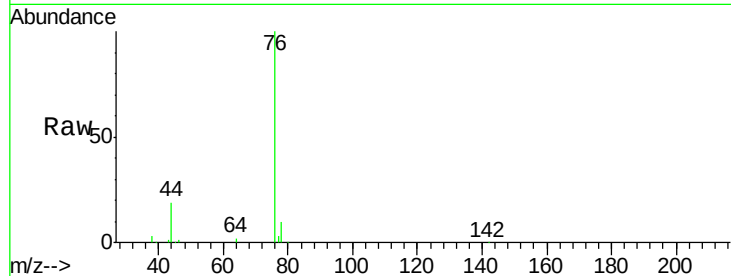
#17  
Carbon Disulfide  
Concen: 19.620 ug/l  
RT: 4.01 min Scan# 707  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

Tot Ion: 76 Resp: 133225  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.0 10.4

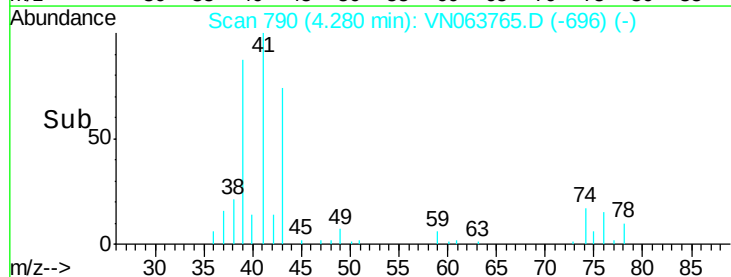
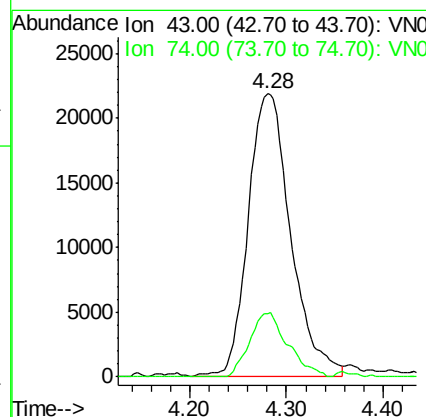
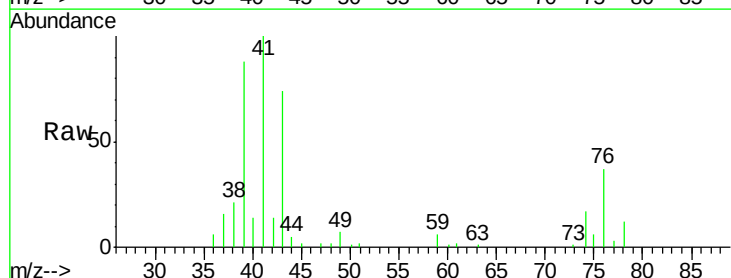
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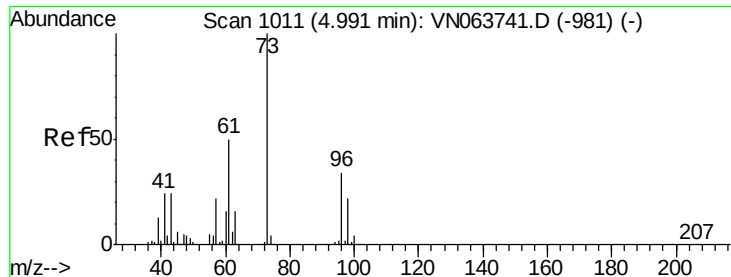
MMDadoda  
10/2/2020 3:11:14 PM



#18  
Methyl Acetate  
Concen: 19.896 ug/l  
RT: 4.28 min Scan# 790  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Tgt Ion: 43 Resp: 67021  
Ion Ratio Lower Upper  
43 100  
74 20.3 17.4 26.2





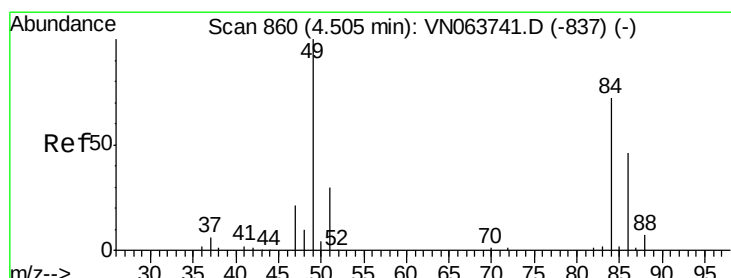
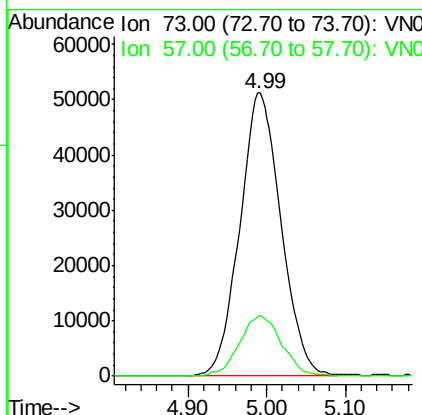
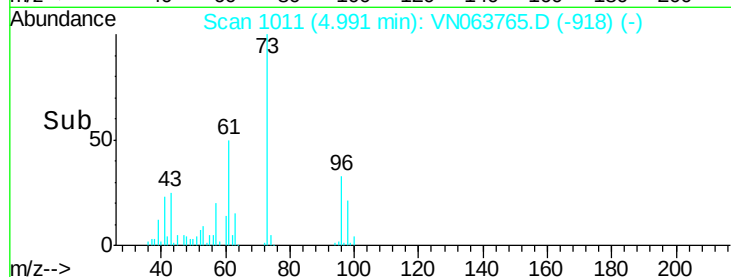
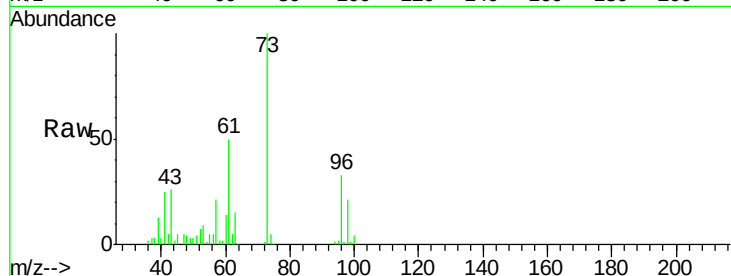
#19  
Methyl tert-butyl Ether  
Concen: 20.202 ug/l  
RT: 4.99 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

Tot Ion: 73 Resp: 188545  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.6 26.4

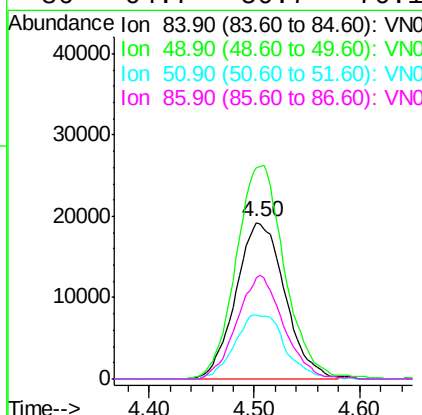
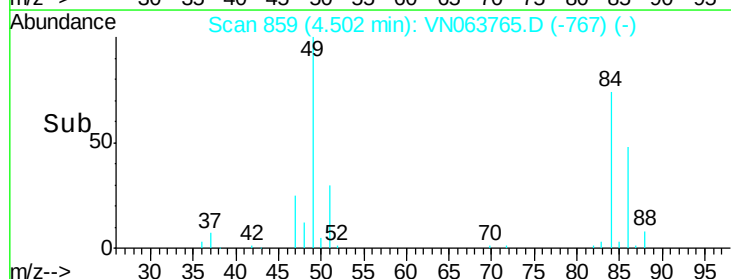
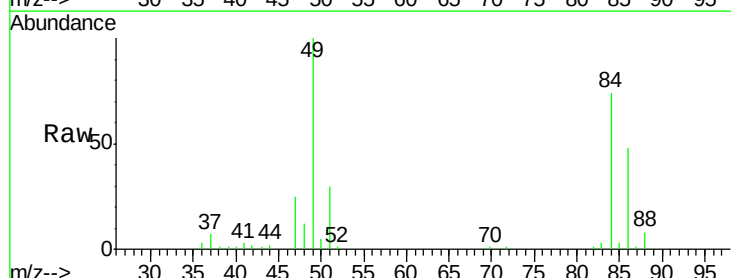
Manual Integrations  
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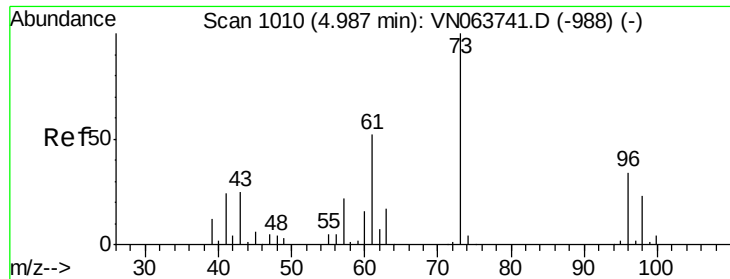
MMDadoda  
10/2/2020 3:11:14 PM



#20  
Methylene Chloride  
Concen: 20.932 ug/l  
RT: 4.50 min Scan# 859  
Delta R.T. -0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Tgt Ion: 84 Resp: 62033  
Ion Ratio Lower Upper  
84 100  
49 133.8 110.4 165.6  
51 40.5 33.3 49.9  
86 64.7 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 18.823 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA\_N

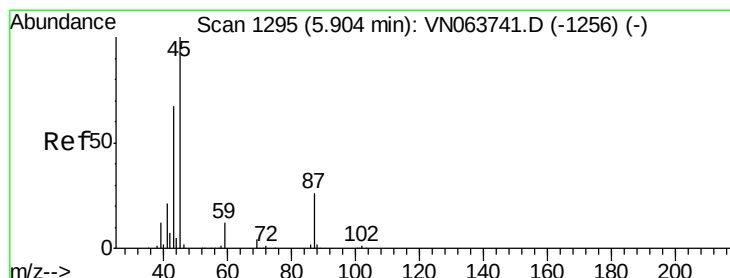
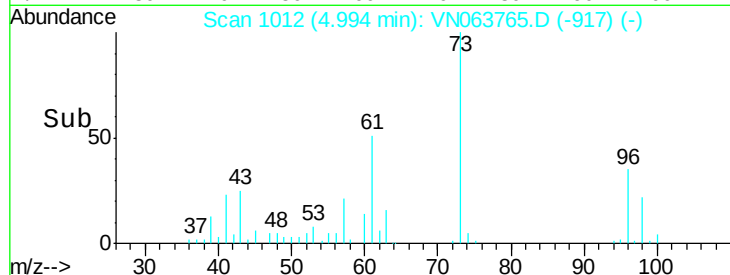
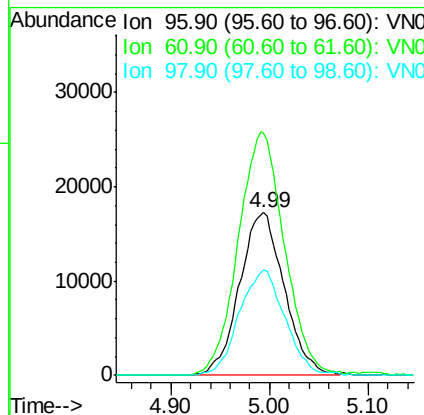
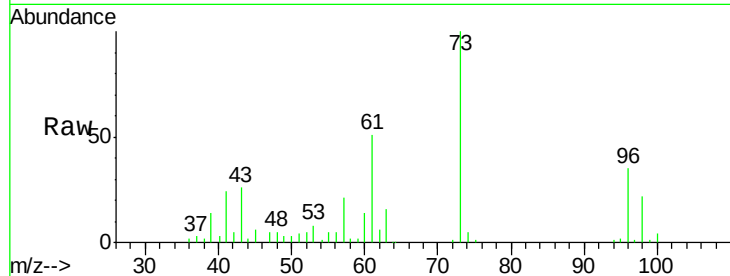
ClientSampleId :

VN1001WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 54162 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 149.3 | 120.2 | 180.2 |
| 98       | 64.8  | 52.6  | 79.0  |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 20.413 ug/l

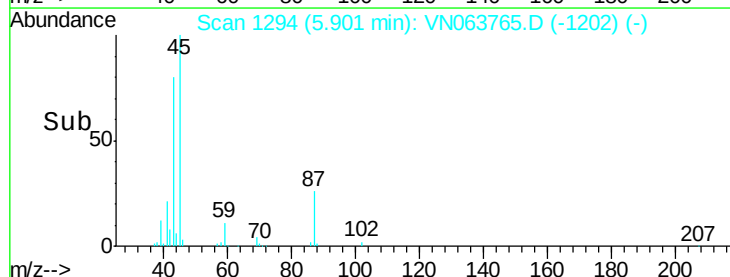
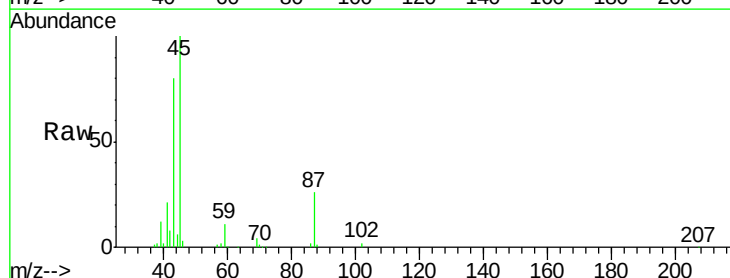
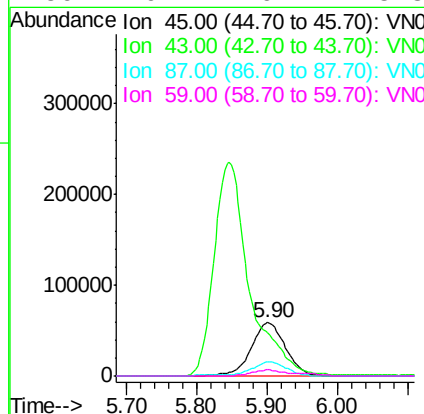
RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

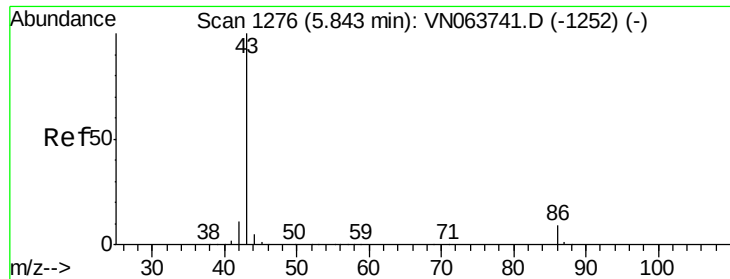
Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 200437 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 77.5  | 53.7  | 80.5   |
| 87       | 26.2  | 21.1  | 31.7   |
| 59       | 10.7  | 9.2   | 13.8   |







#23

Vinyl Acetate

Concen: 101.462 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA\_N

ClientSampleID :

VN1001WBS01

Tot Ion: 43 Resp: 825261

Ion Ratio Lower Upper

43 100

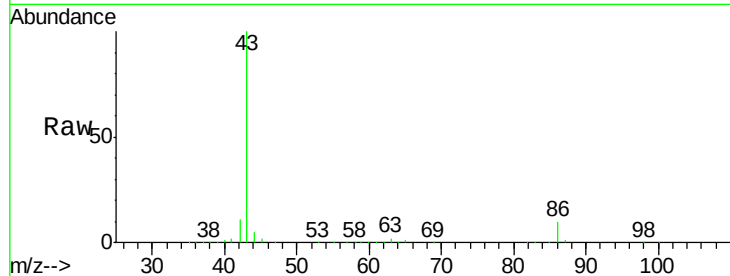
86 9.5 7.3 10.9

Manual Integrations

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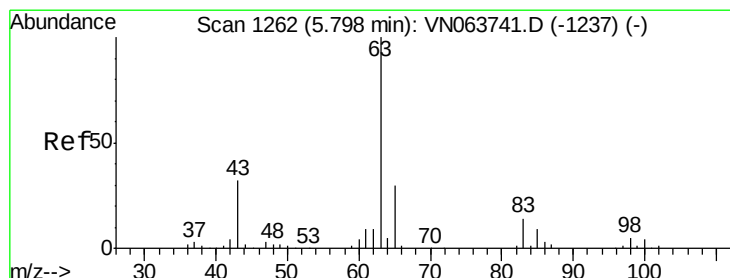
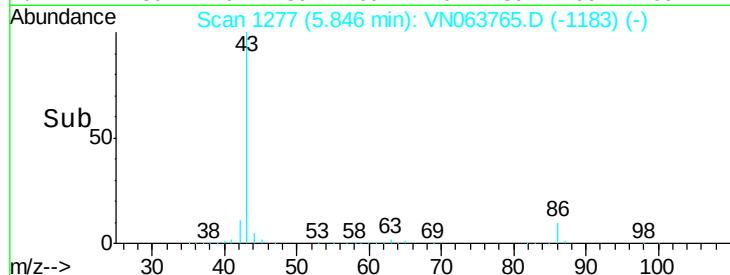
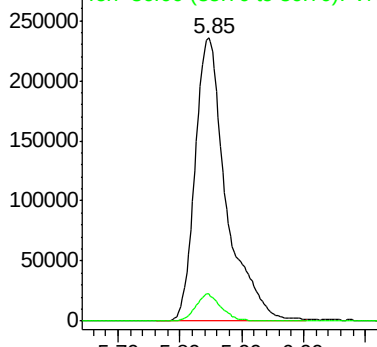
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.847 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

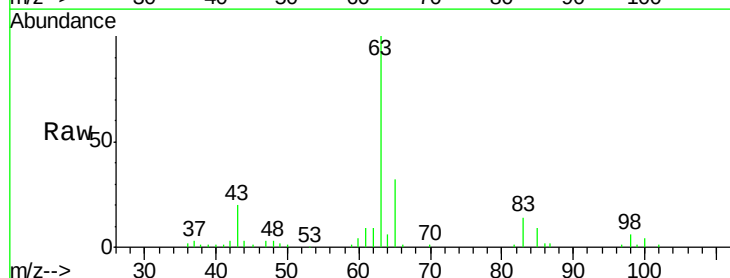
Tgt Ion: 63 Resp: 111425

Ion Ratio Lower Upper

63 100

98 6.3 2.7 8.1

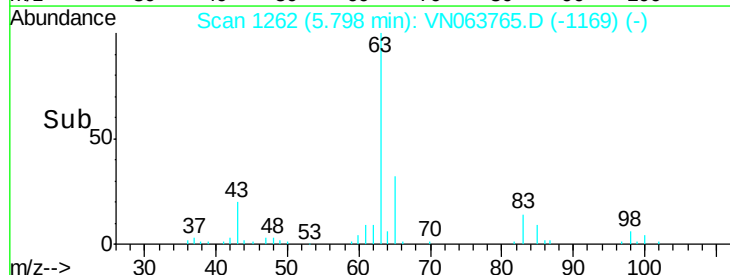
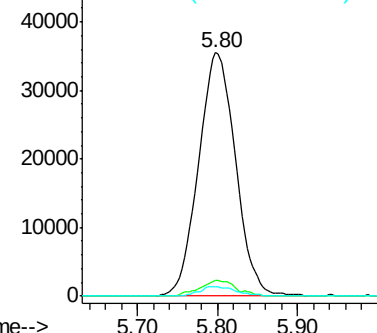
100 3.8 1.9 5.7

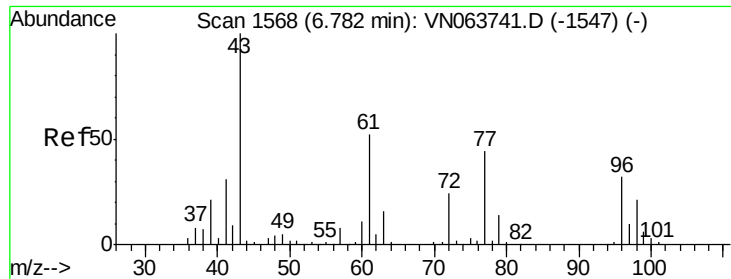


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





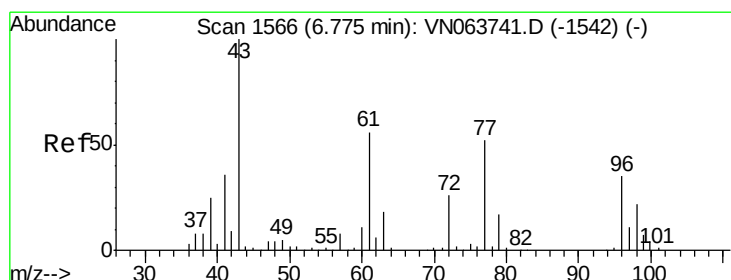
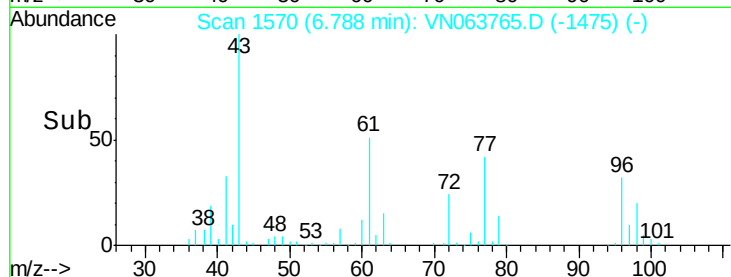
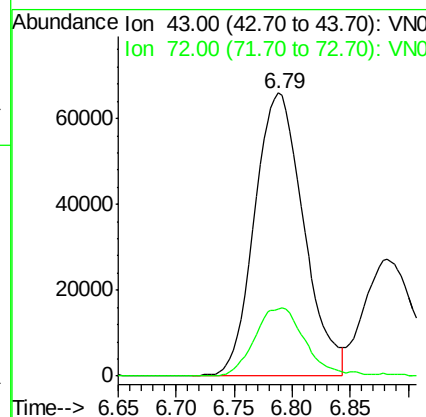
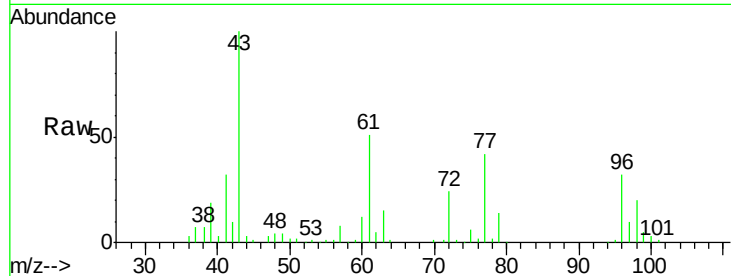
#25  
2-Butanone  
Concen: 105.536 ug/l  
RT: 6.79 min Scan# 1570  
Delta R.T. 0.01 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

Tot Ion: 43 Resp: 194119  
Ion Ratio Lower Upper  
43 100  
72 23.5 19.3 28.9

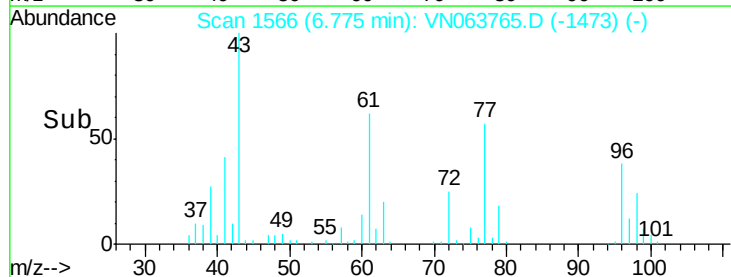
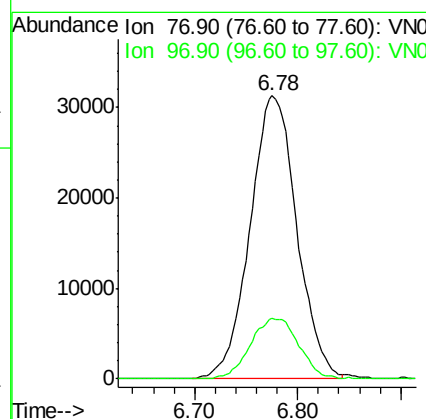
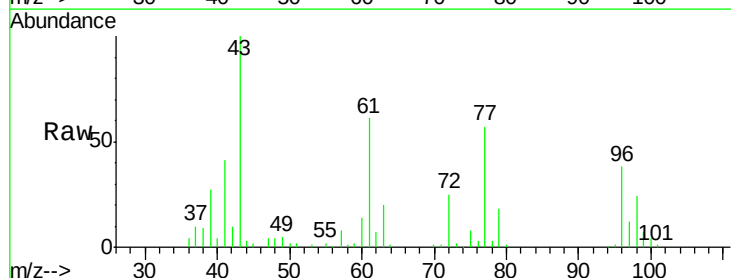
Manual Integrations  
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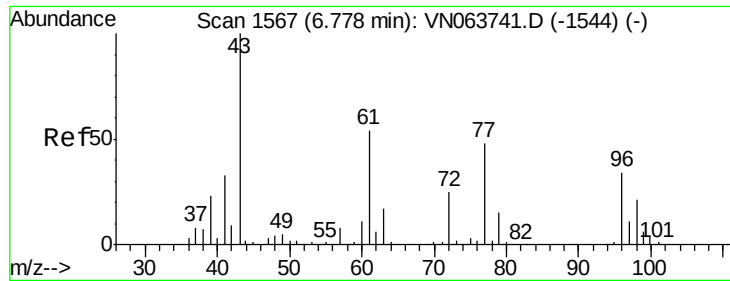
MMDadoda  
10/2/2020 3:11:14 PM



#26  
2,2-Dichloropropane  
Concen: 19.193 ug/l  
RT: 6.78 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Tgt Ion: 77 Resp: 98677  
Ion Ratio Lower Upper  
77 100  
97 22.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.820 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA\_N

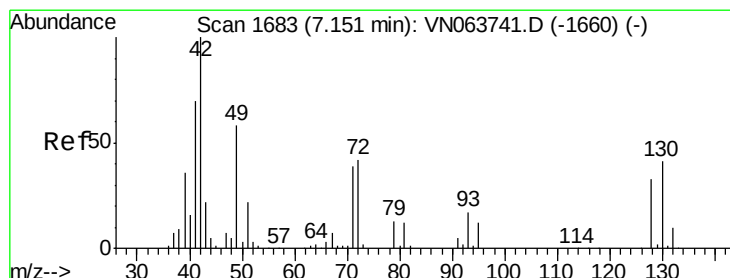
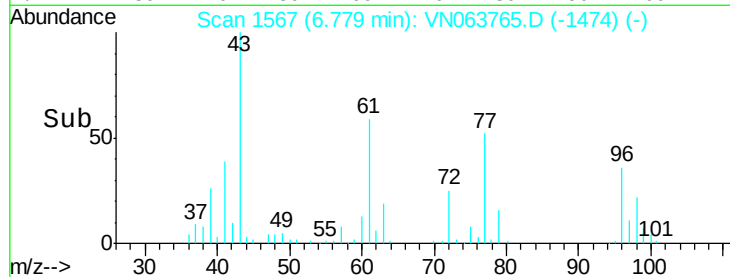
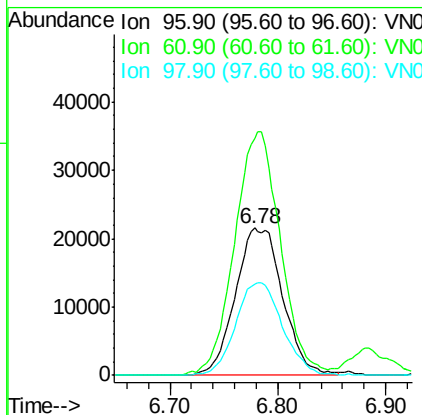
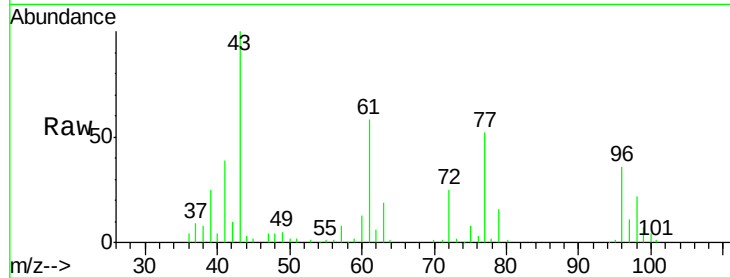
ClientSampleId :

VN1001WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 65590 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 160.2 | 0.0   | 321.2 |
| 98       | 62.2  | 0.0   | 124.4 |

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#28

Bromochloromethane

Concen: 23.628 ug/l

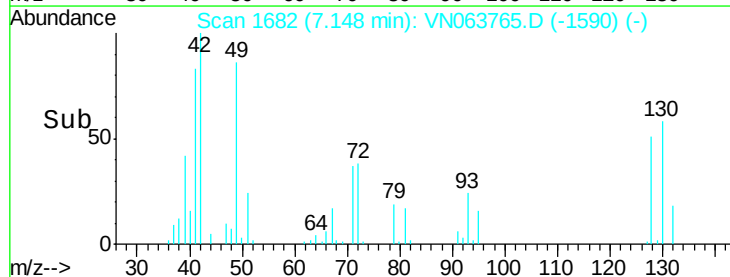
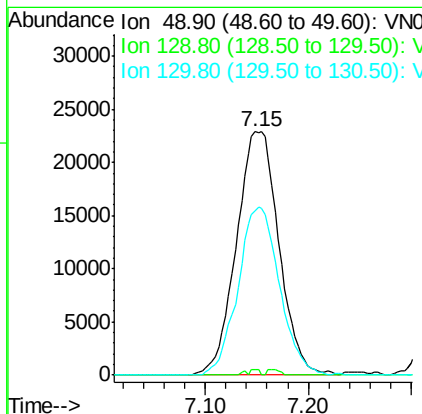
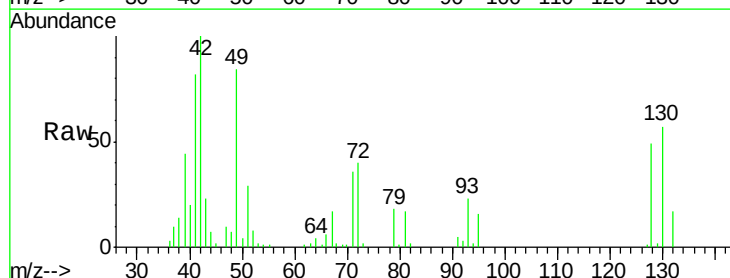
RT: 7.15 min Scan# 1682

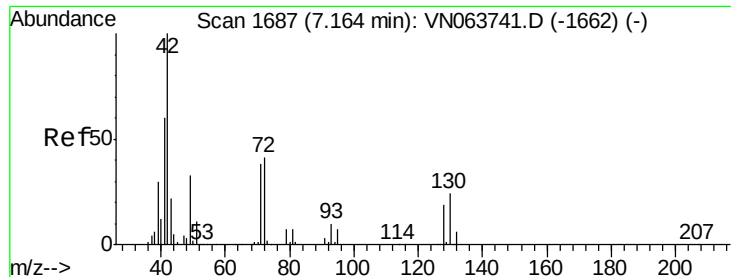
Delta R.T. -0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 65563 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.6   | 0.0   | 4.8   |
| 130      | 67.2  | 55.6  | 83.4  |





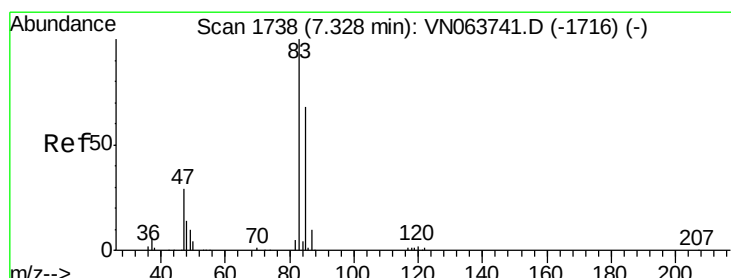
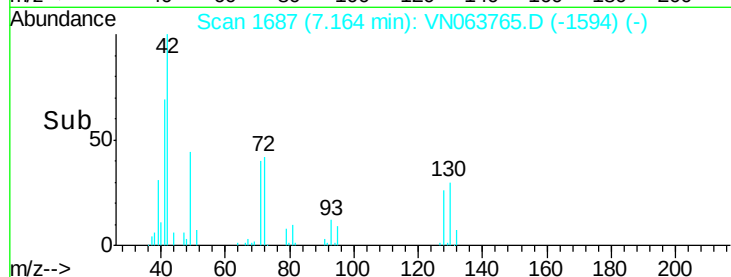
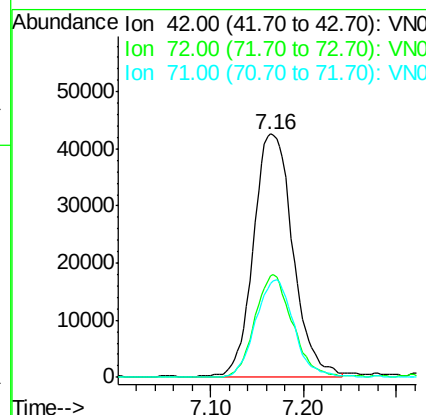
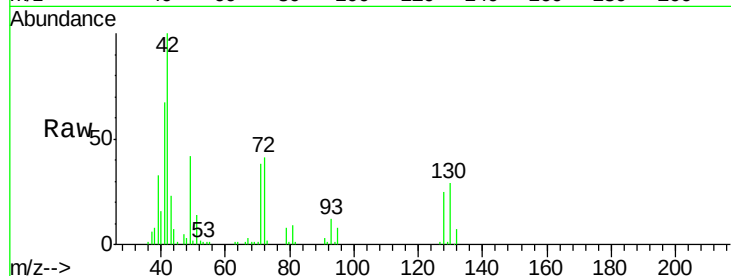
#29  
Tetrahydrofuran  
Concen: 102.639 ug/l  
RT: 7.16 min Scan# 1687  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.1  | 32.8  | 49.2  |
| 71      | 38.7  | 30.6  | 45.8  |

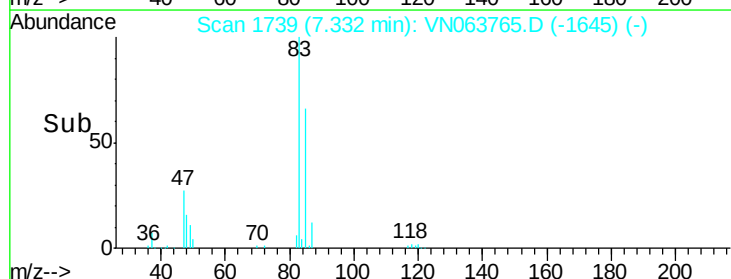
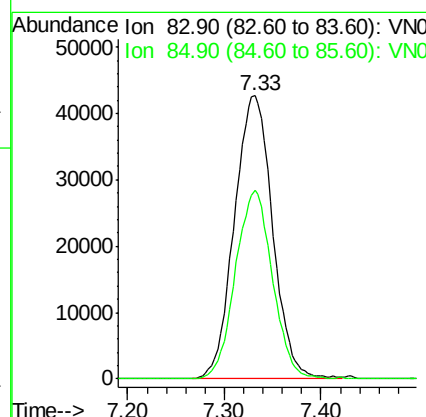
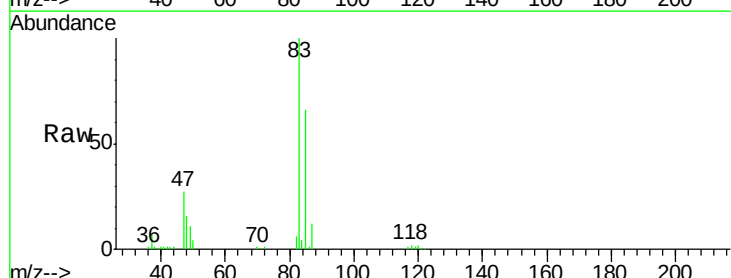
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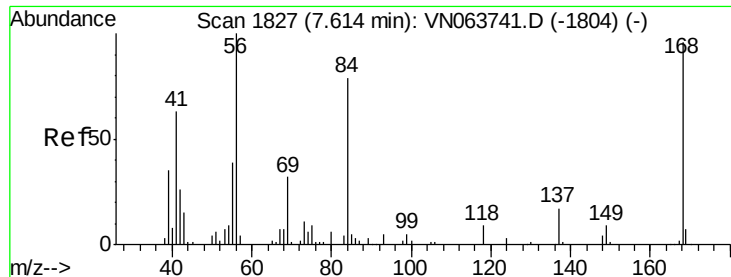
MMDadoda  
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#30  
Chloroform  
Concen: 20.022 ug/l  
RT: 7.33 min Scan# 1739  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.5  | 54.6  | 82.0  |





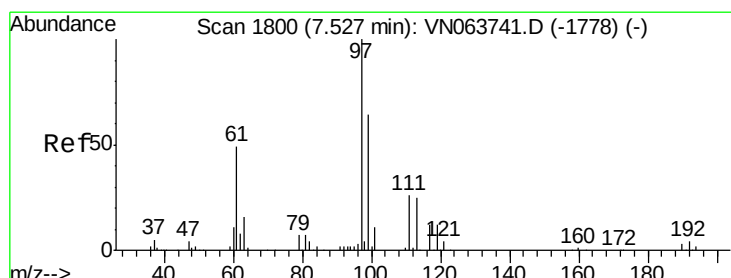
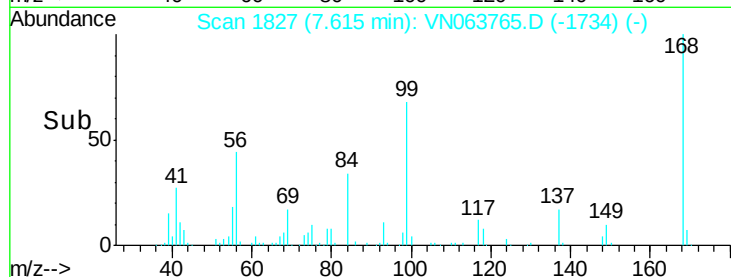
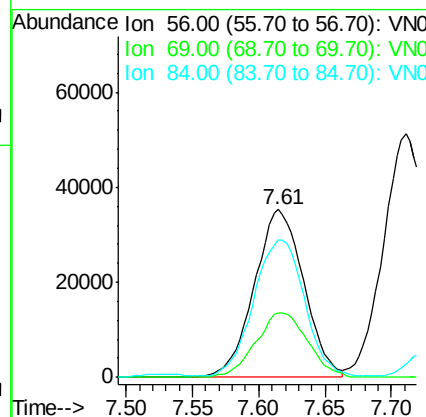
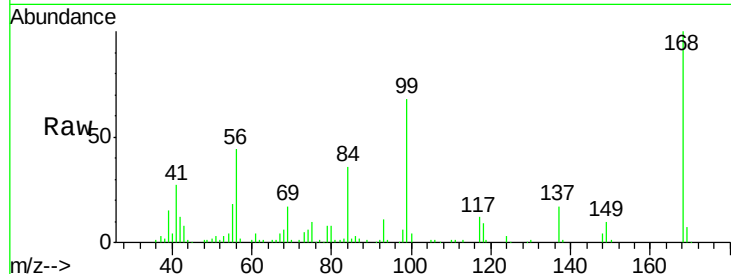
#31  
Cyclohexane  
Concen: 18.809 ug/l  
RT: 7.61 min Scan# 1827  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 38.4  | 25.4  | 38.2# |
| 84      | 81.3  | 63.3  | 94.9  |

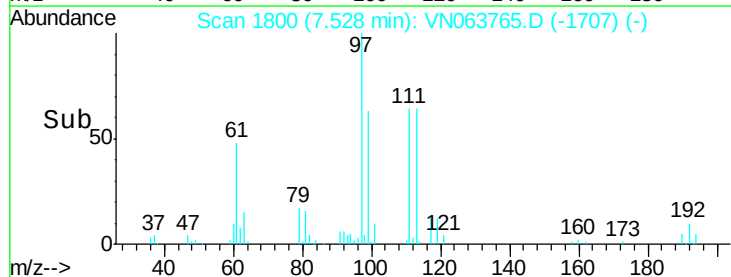
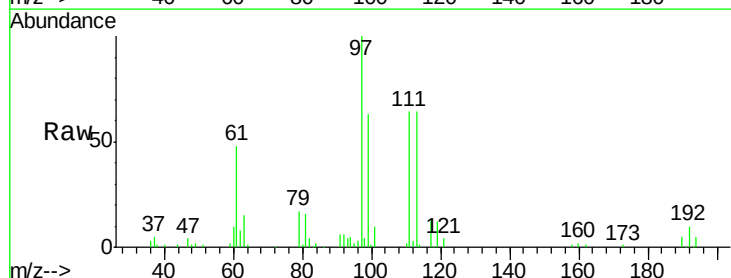
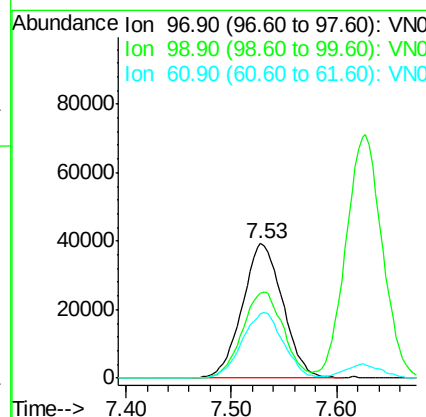
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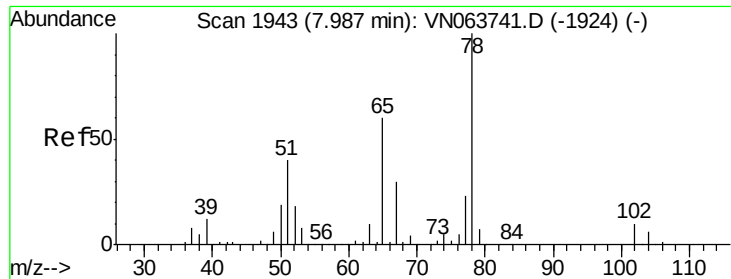
MMDadoda  
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#32  
1,1,1-Trichloroethane  
Concen: 19.894 ug/l  
RT: 7.53 min Scan# 1800  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.6  | 51.0  | 76.6  |
| 61      | 49.8  | 38.7  | 58.1  |





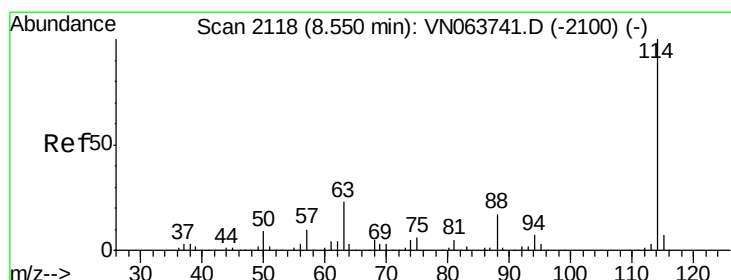
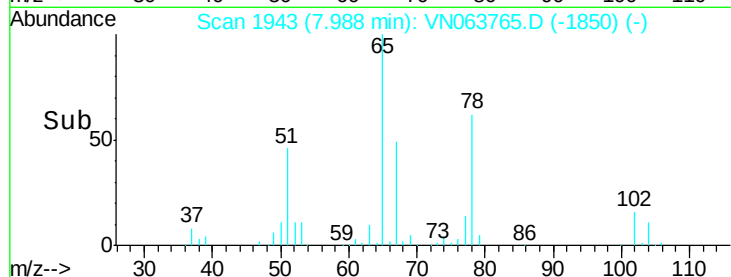
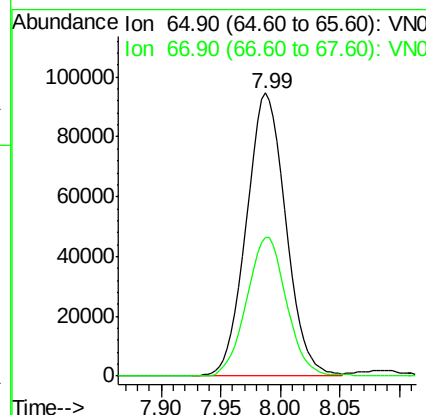
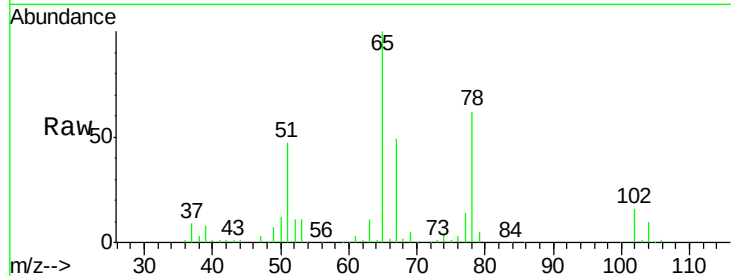
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.684 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1001WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 217826 |       |       |
| 67      | 49.8  | 0.0    | 99.6  |       |

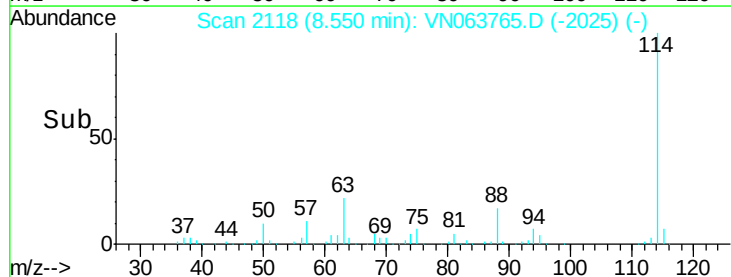
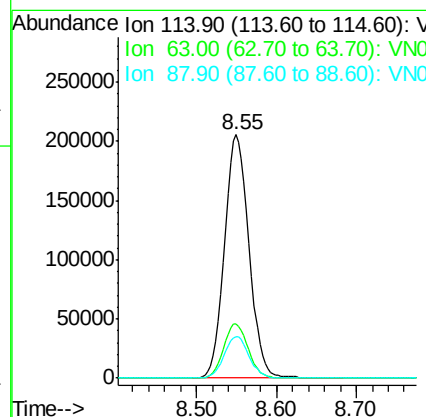
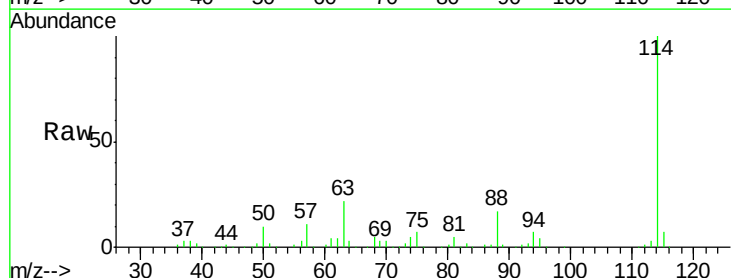
Manual Integrations  
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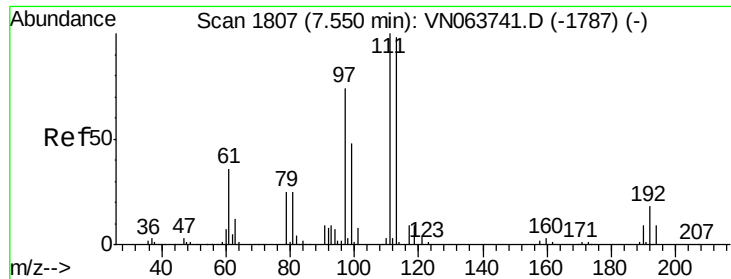
MMDadoda  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 434434 |       |       |
| 63      | 22.1  | 0.0    | 45.0  |       |
| 88      | 17.1  | 0.0    | 34.0  |       |





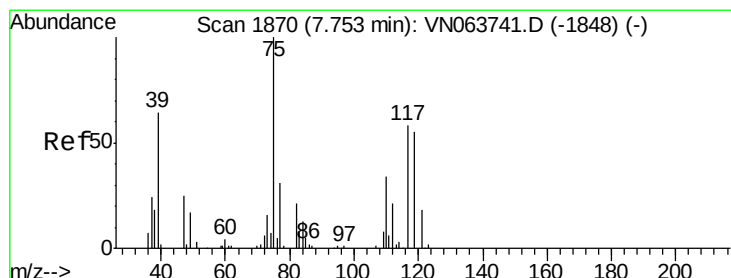
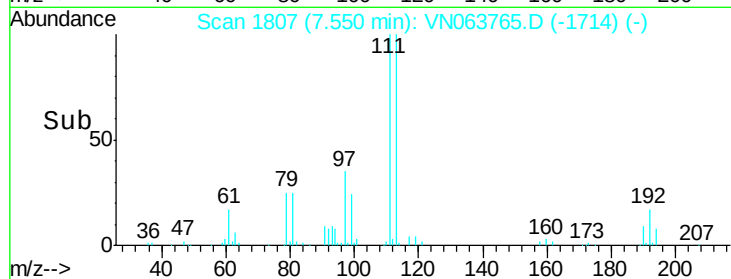
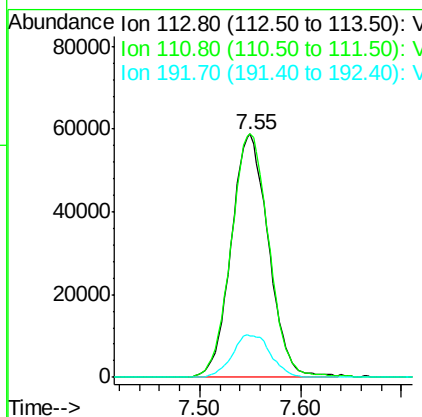
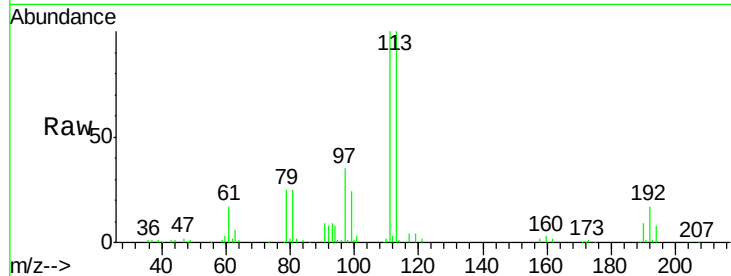
#35  
Dibromofluoromethane  
Concen: 49.979 ug/l  
RT: 7.55 min Scan# 1807  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 150658 |       |       |
| 111     | 101.4 | 81.8   | 122.8 |       |
| 192     | 17.9  | 14.2   | 21.2  |       |

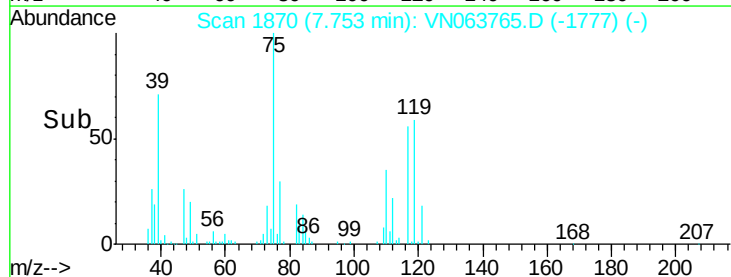
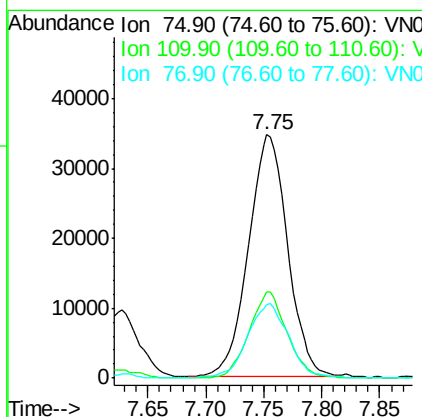
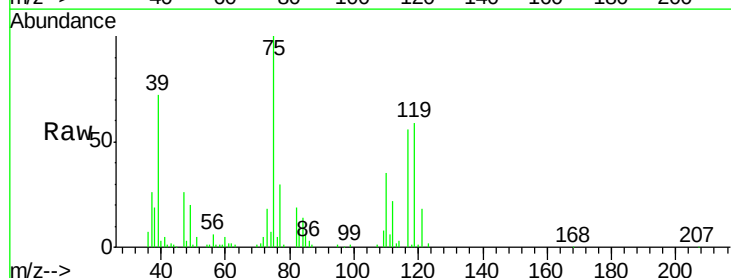
Manual Integrations  
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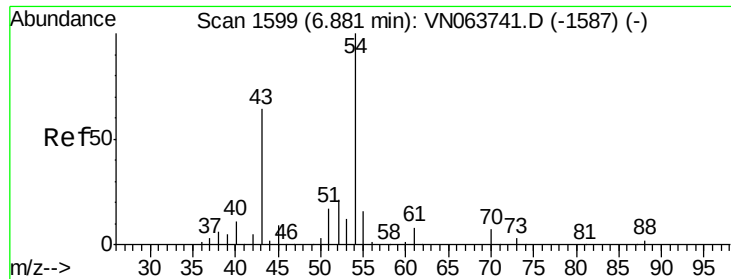
MMDadoda  
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#36  
1,1-Dichloropropene  
Concen: 18.497 ug/l  
RT: 7.75 min Scan# 1870  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 81409 |       |       |
| 110     | 34.5  | 16.9  | 50.6  |       |
| 77      | 32.3  | 24.5  | 36.7  |       |





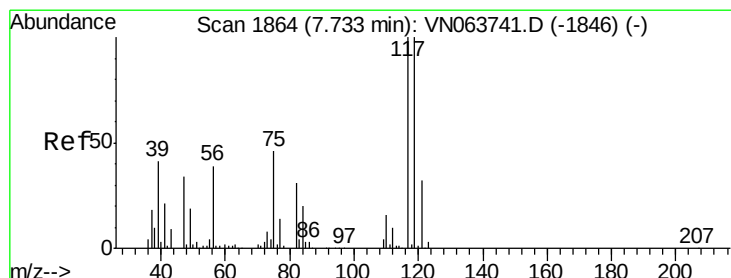
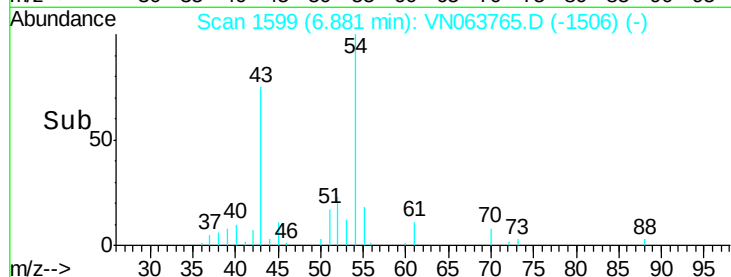
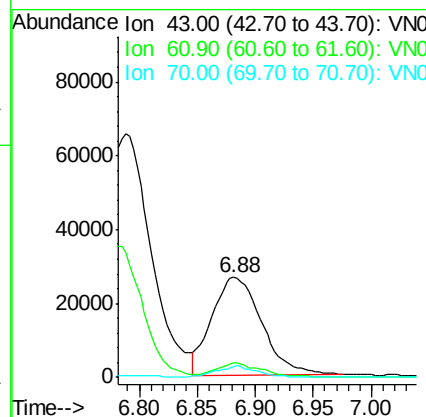
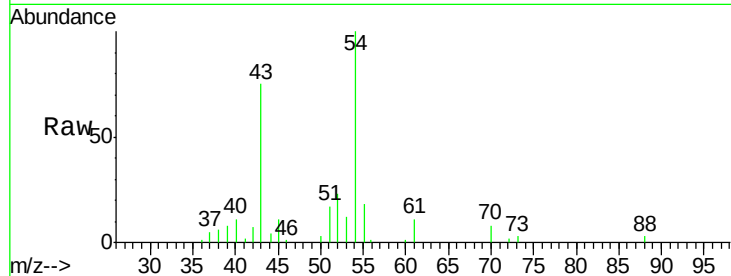
#37  
Ethyl Acetate  
Concen: 18.527 ug/l  
RT: 6.88 min Scan# 1599  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampled :  
VN1001WBS01

| Tot Ion | 43   | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 43      | 100  |       |       |       |
| 61      | 13.3 | 10.4  | 15.6  |       |
| 70      | 9.5  | 7.3   | 10.9  |       |

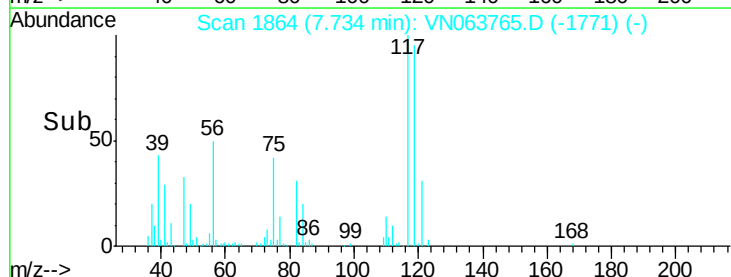
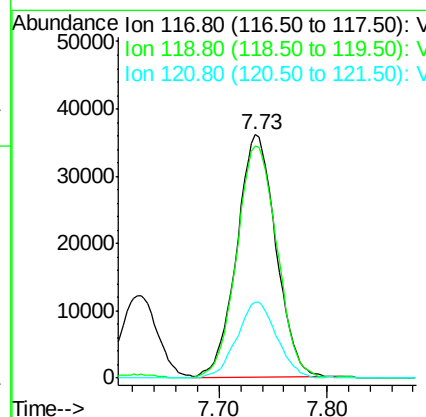
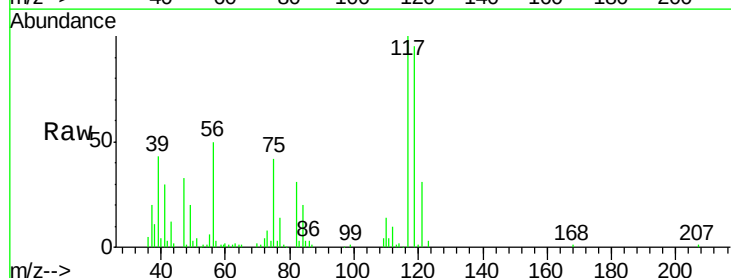
Manual Integrations  
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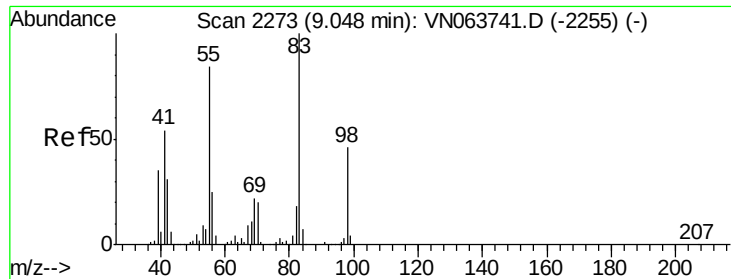


#38  
Carbon Tetrachloride  
Concen: 18.455 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

| Tgt Ion | 117  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 117     | 100  |       |       |       |
| 119     | 95.7 | 80.1  | 120.1 |       |
| 121     | 31.6 | 25.7  | 38.5  |       |







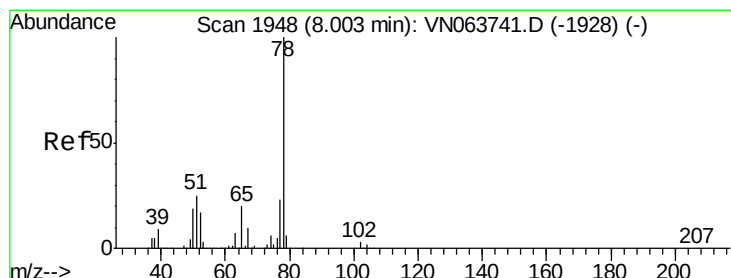
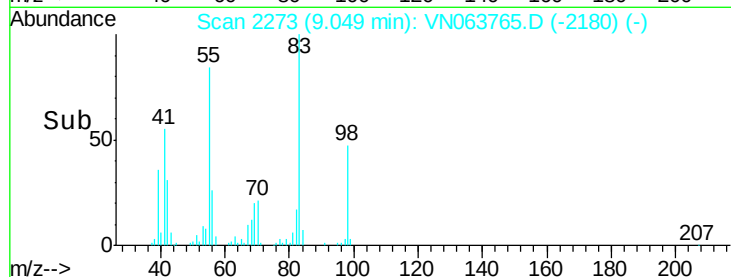
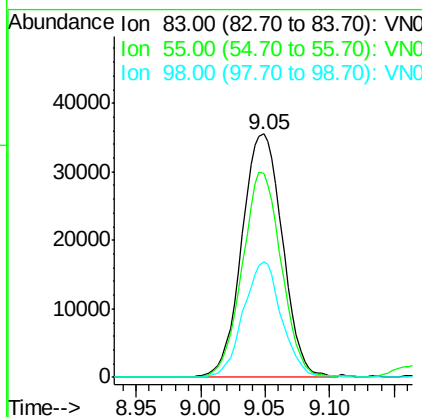
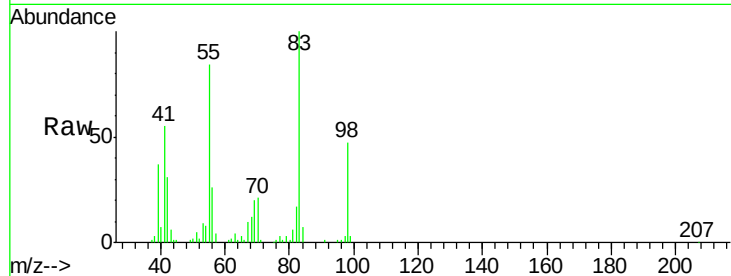
#39  
Methylvlcyclohexane  
Concen: 17.794 ug/l  
RT: 9.05 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

| Tot Ion   | 83   | Resp  | 78098 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 55        | 83.6 | 67.1  | 100.7 |
| 98        | 47.4 | 36.6  | 54.8  |

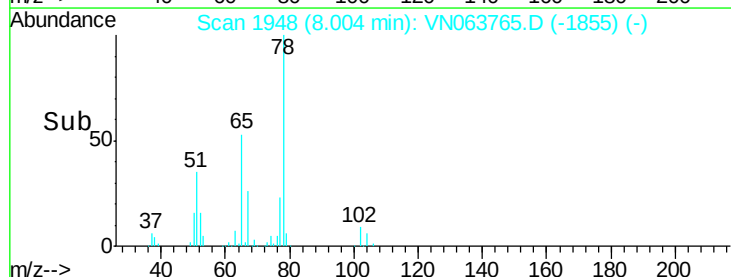
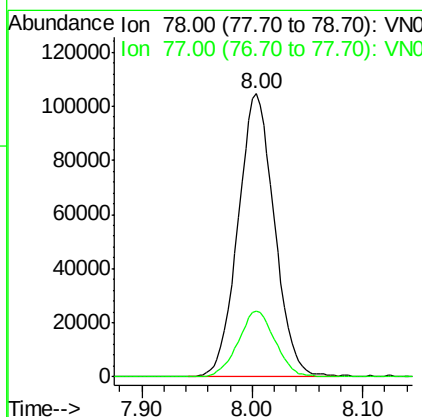
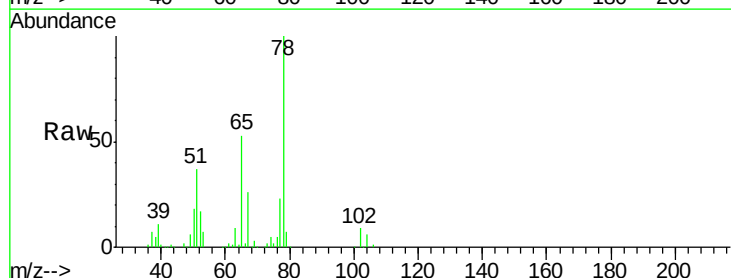
Manual Integrations  
APPROVED

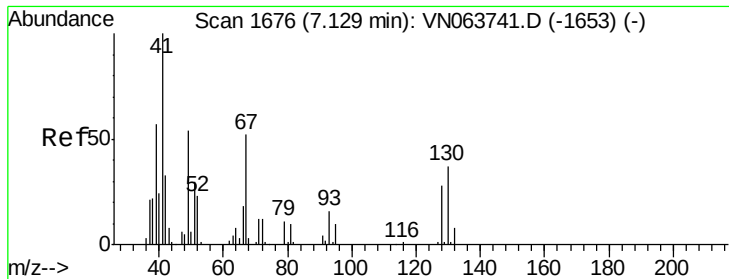
MMDadoda  
10/2/2020 3:11:14 PM



#40  
Benzene  
Concen: 18.991 ug/l  
RT: 8.00 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

| Tgt Ion   | 78   | Resp  | 238741 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 78        | 100  |       |        |
| 77        | 23.2 | 18.7  | 28.1   |





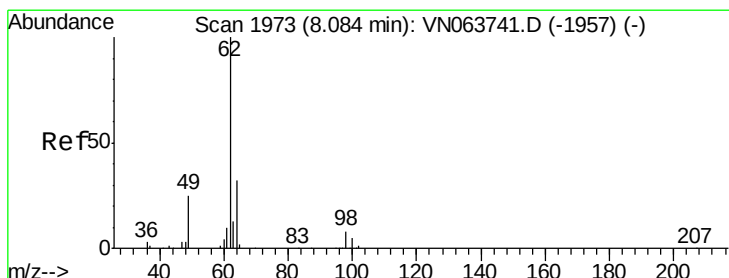
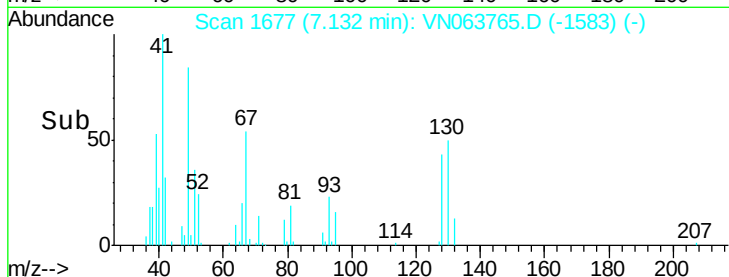
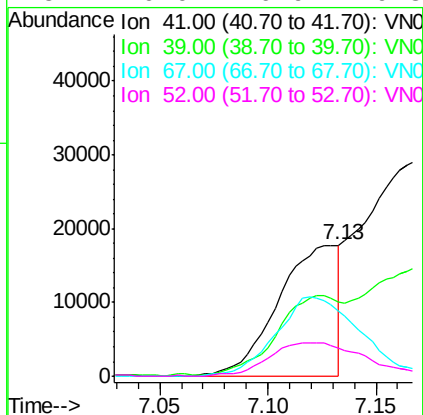
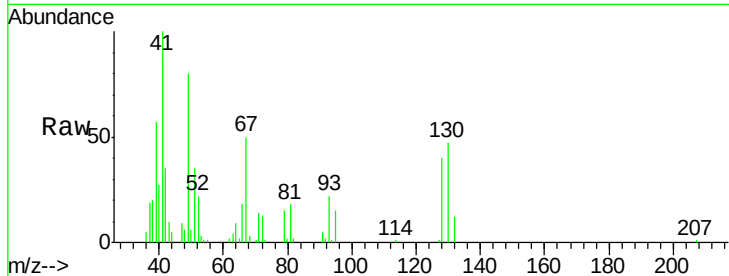
#41  
Methacrylonitrile  
Concen: 17.658 ug/l m  
RT: 7.13 min Scan# 1677  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 0.0   | 42.5  | 63.7# |
| 67      | 0.0   | 57.4  | 86.2# |
| 52      | 0.0   | 26.9  | 40.3# |

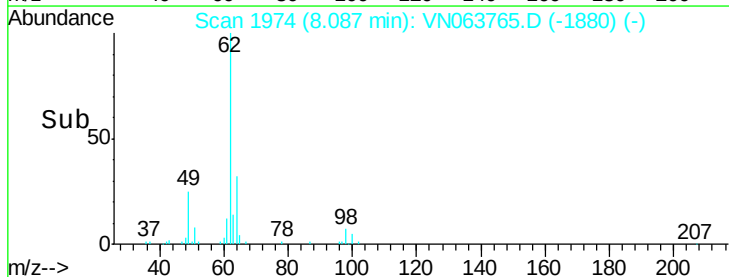
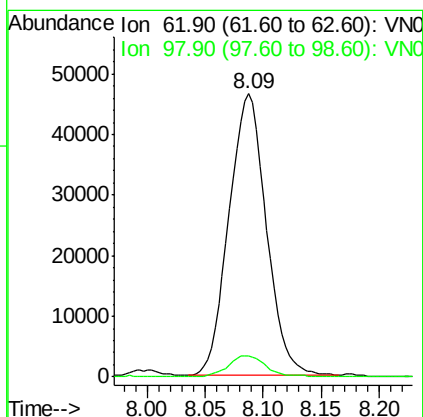
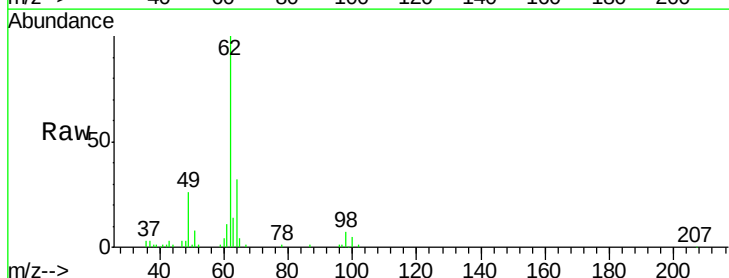
Manual Integrations  
APPROVED

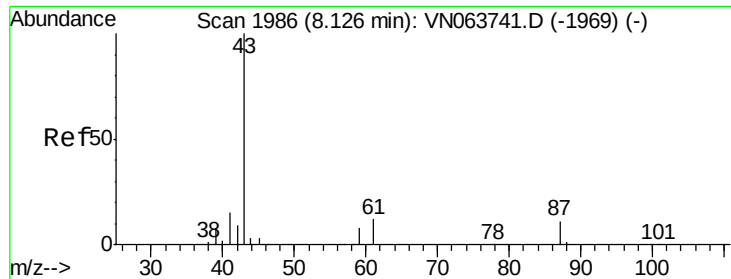
MMDadoda  
10/2/2020 3:11:14 PM



#42  
1,2-Dichloroethane  
Concen: 19.306 ug/l  
RT: 8.09 min Scan# 1974  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 7.4   | 0.0   | 15.0  |





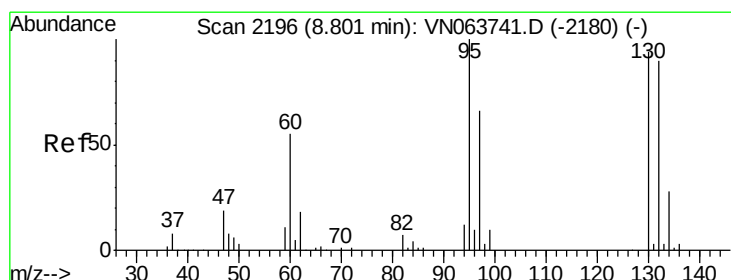
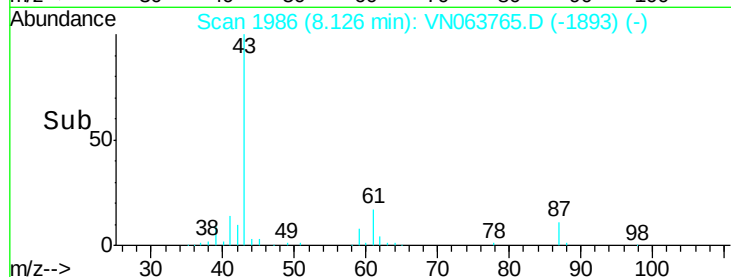
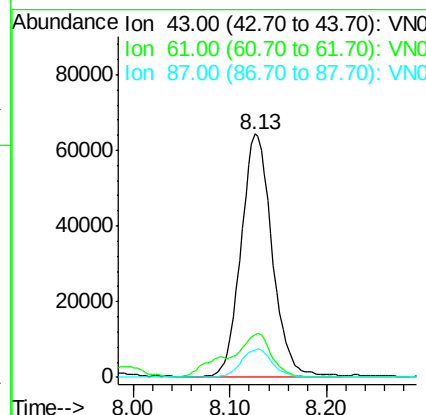
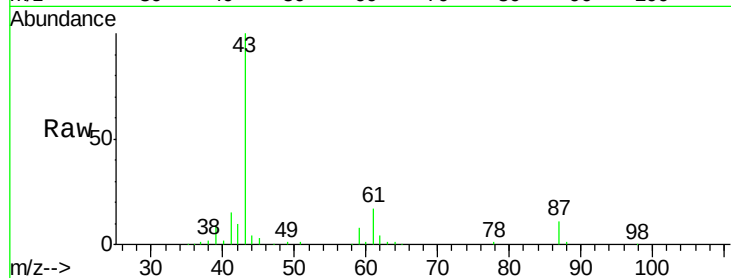
#43  
Isopropyl Acetate  
Concen: 20.075 ug/l  
RT: 8.13 min Scan# 1986  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 16.6  | 14.2  | 21.4  |
| 87      | 11.5  | 9.0   | 13.6  |

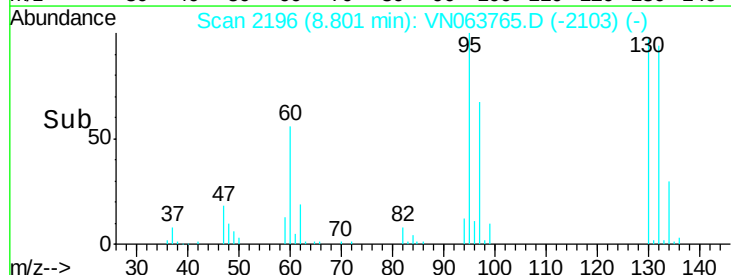
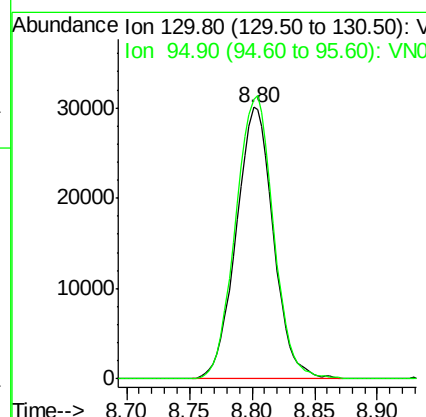
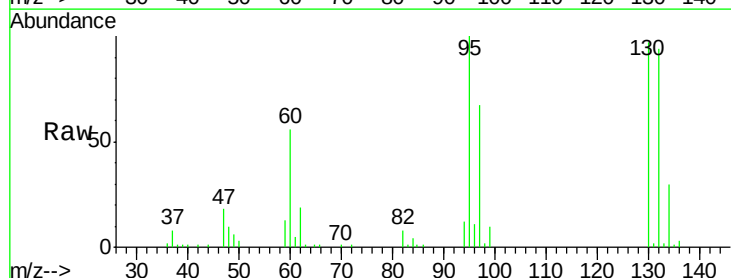
Manual Integrations  
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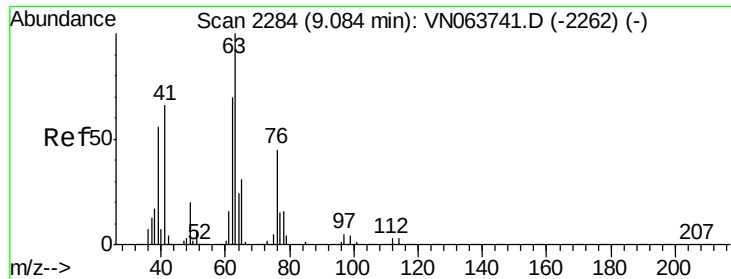
MMDadoda  
10/2/2020 3:11:14 PM



#44  
Trichloroethene  
Concen: 18.820 ug/l  
RT: 8.80 min Scan# 2196  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 103.1 | 0.0   | 213.6 |





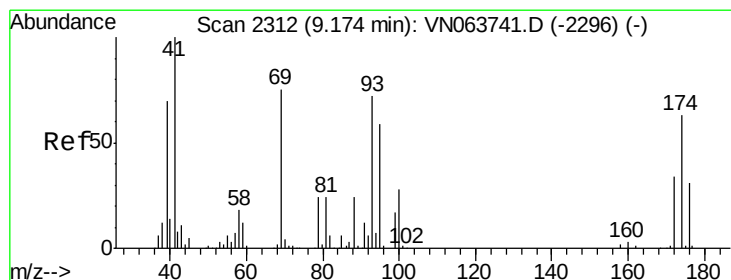
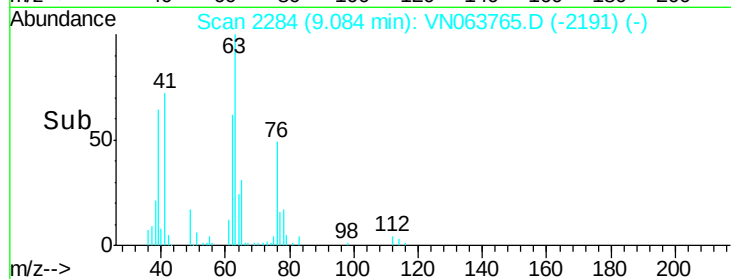
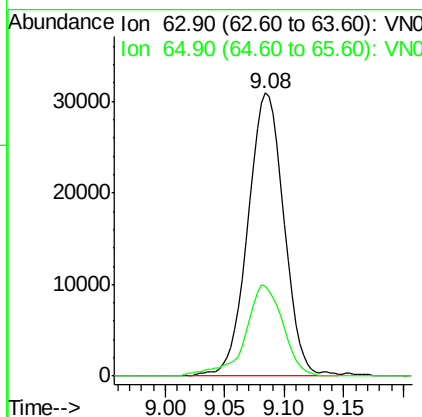
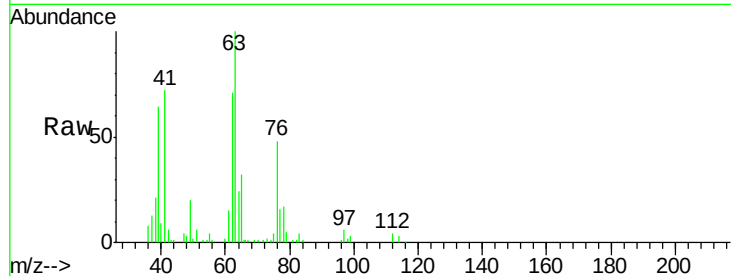
#45  
 1,2-Dichloropropane  
 Concen: 19.154 ug/l  
 RT: 9.08 min Scan# 2284  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1001WBS01

Tot Ion: 63 Resp: 65027  
 Ion Ratio Lower Upper  
 63 100  
 65 32.0 24.7 37.1

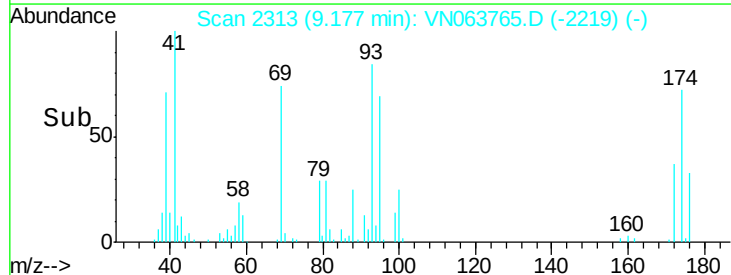
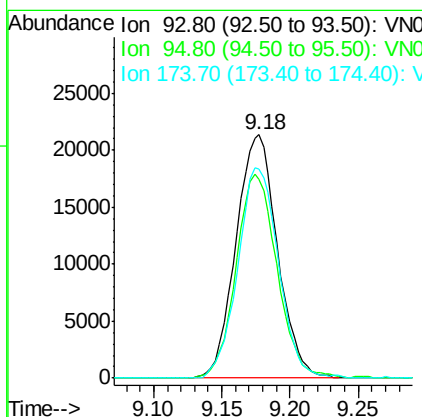
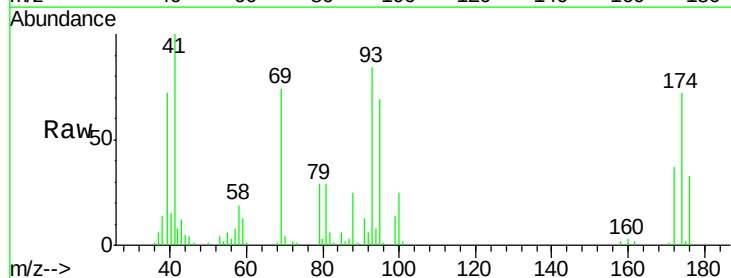
Manual Integrations  
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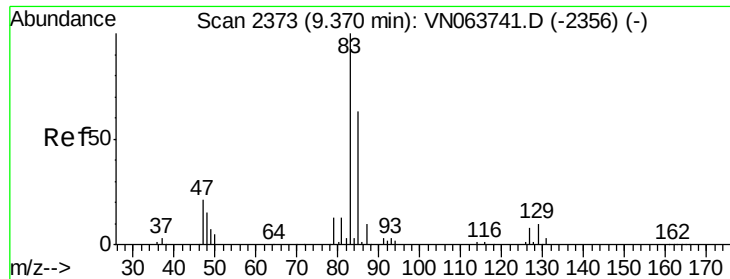
MMDadoda  
 10/2/2020 3:11:14 PM



#46  
 Dibromomethane  
 Concen: 19.221 ug/l  
 RT: 9.18 min Scan# 2313  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

Tgt Ion: 93 Resp: 45016  
 Ion Ratio Lower Upper  
 93 100  
 95 83.1 66.3 99.5  
 174 84.6 72.7 109.1





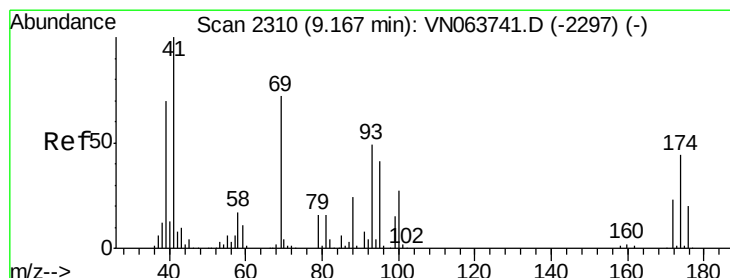
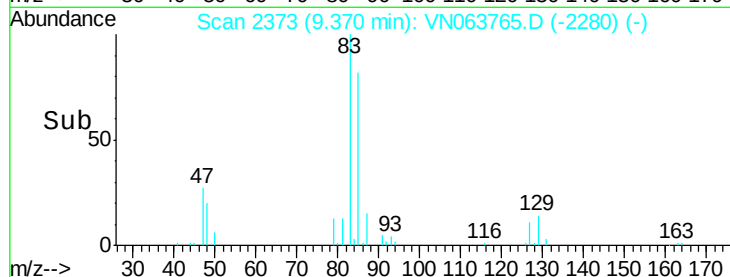
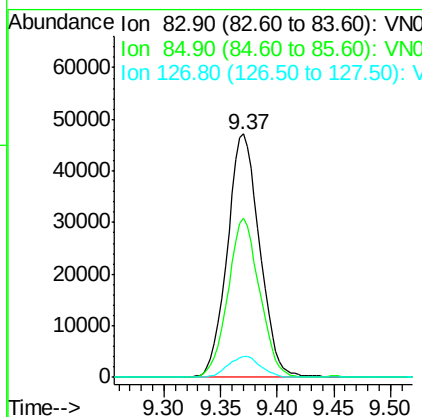
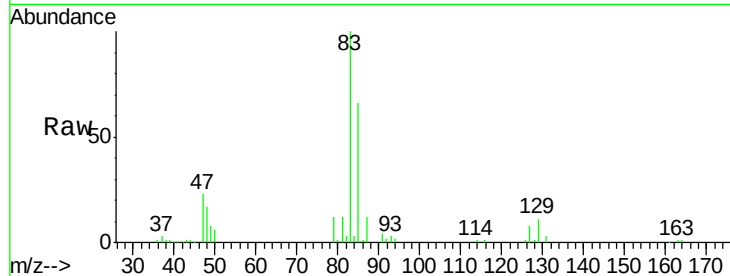
#47  
Bromodichloromethane  
Concen: 19.403 ug/l  
RT: 9.37 min Scan# 2373  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

| Tot Ion   | 83   | Resp  | 93656 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 65.5 | 50.6  | 75.8  |
| 127       | 8.5  | 6.6   | 9.8   |

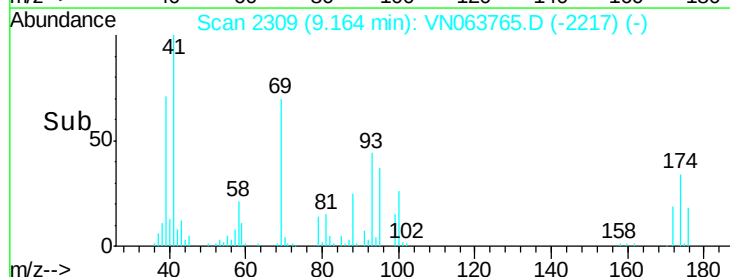
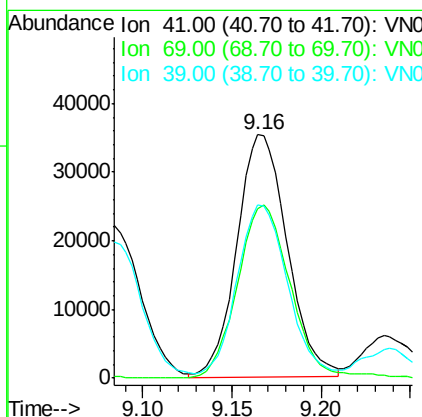
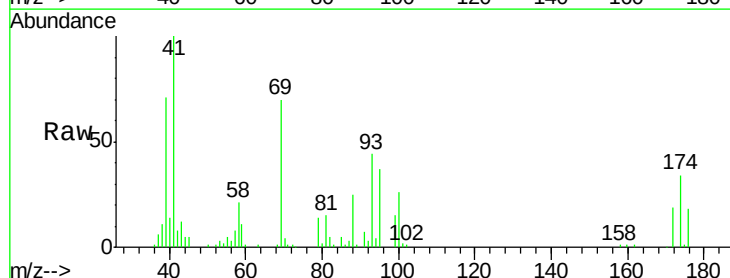
Manual Integrations  
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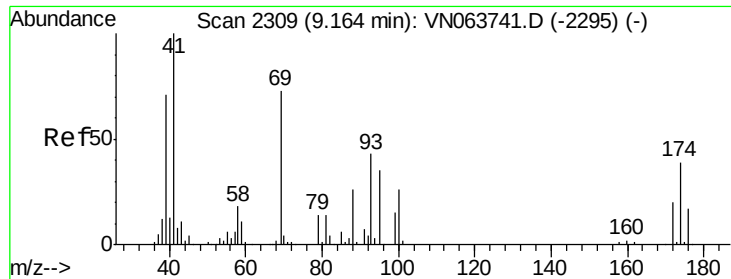
MMDadoda  
10/2/2020 3:11:14 PM



#48  
Methyl methacrylate  
Concen: 19.493 ug/l  
RT: 9.16 min Scan# 2309  
Delta R.T. -0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

| Tgt Ion   | 41   | Resp  | 69461 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 41        | 100  |       |       |
| 69        | 74.2 | 60.9  | 91.3  |
| 39        | 71.1 | 57.5  | 86.3  |





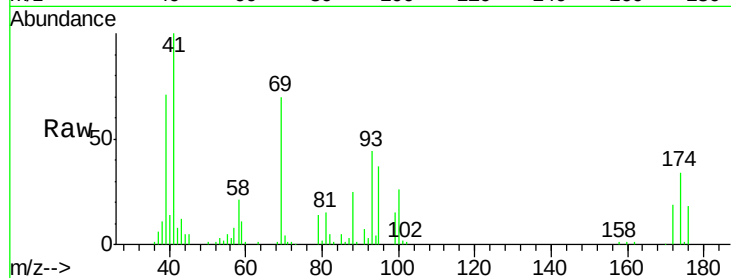
#49  
1,4-Dioxane  
Concen: 370.424 ug/l  
RT: 9.16 min Scan# 2309  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 44.9  | 33.1  | 49.7  |
| 58      | 79.5  | 58.9  | 88.3  |

Manual Integrations  
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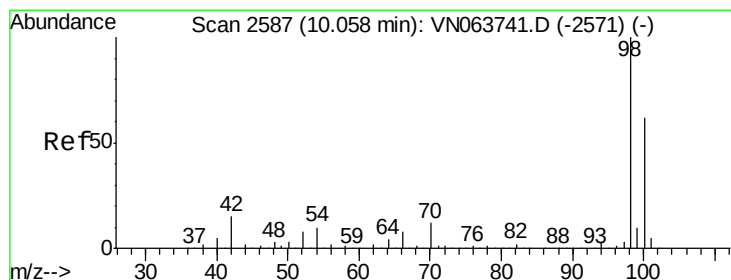
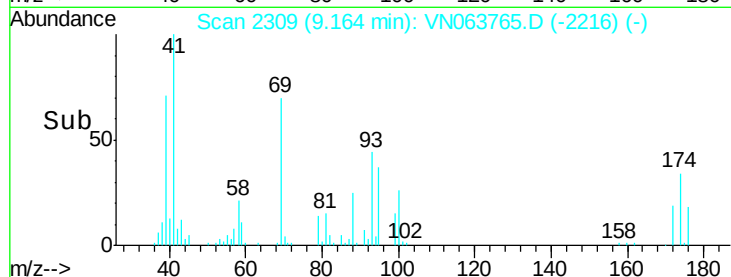
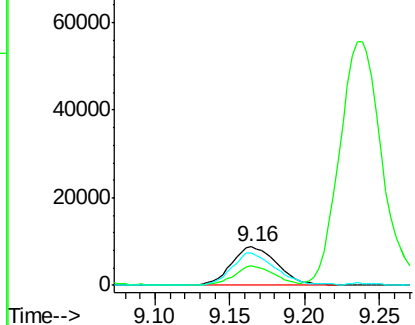
MMDadoda  
10/2/2020 3:11:14 PM



Abundance Ion 88.00 (87.70 to 88.70): VN063741.D (-2295) (-)

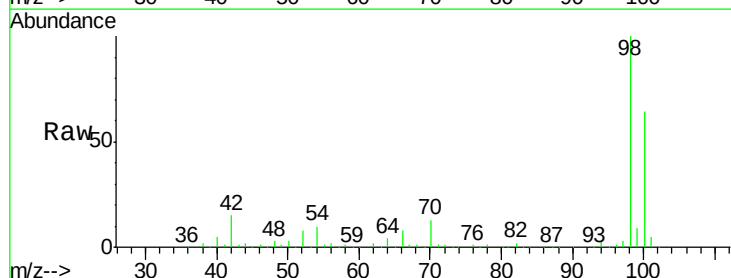
Ion 43.00 (42.70 to 43.70): VN063741.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2295) (-)



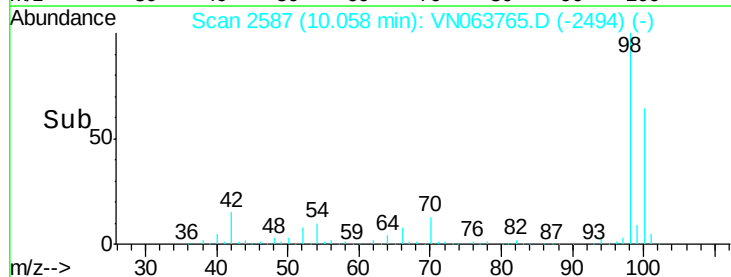
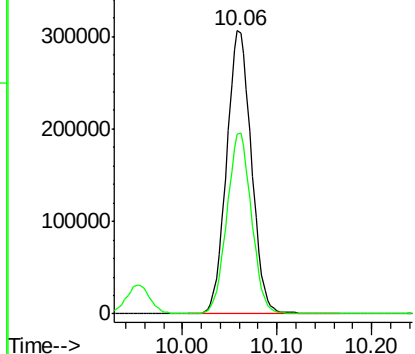
#50  
Toluene-d8  
Concen: 48.870 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

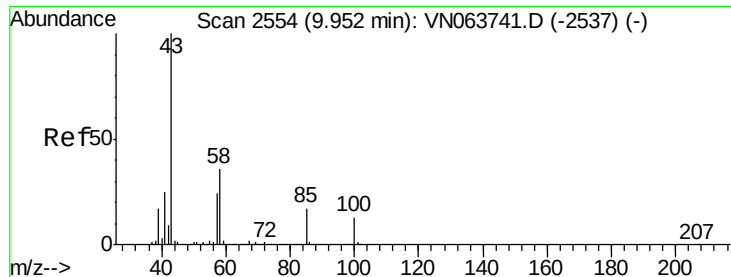
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.1  | 49.8  | 74.6  |



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 100.166 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA\_N

ClientSampleId :

VN1001WBS01

Tot Ion: 43 Resp: 423967

Ion Ratio Lower Upper

43 100

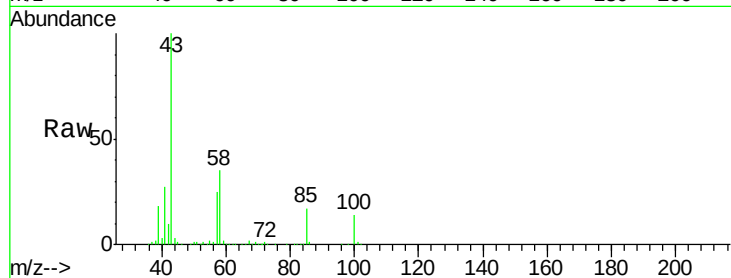
58 35.3 28.4 42.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

250000

200000

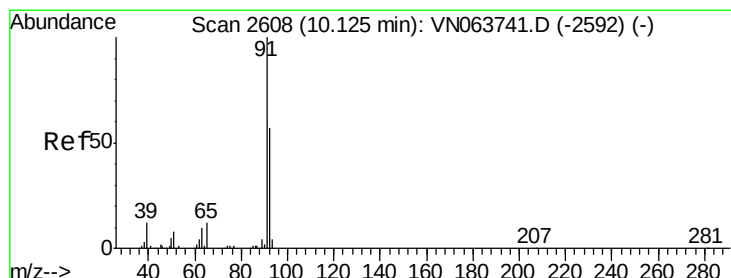
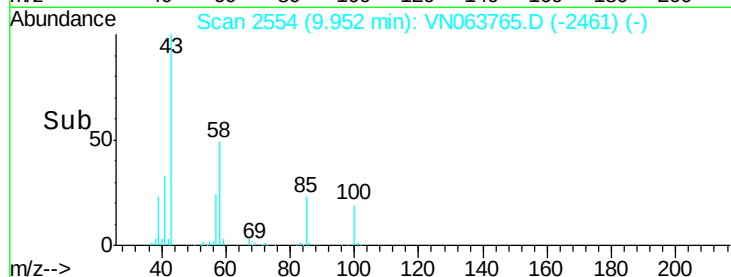
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.326 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063765.D

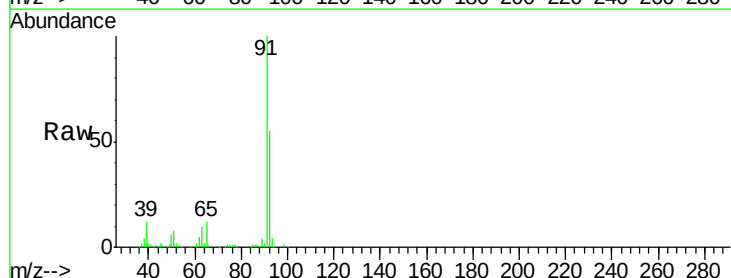
Acq: 1 Oct 2020 12:29

Tgt Ion: 92 Resp: 150271

Ion Ratio Lower Upper

92 100

91 179.7 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.13

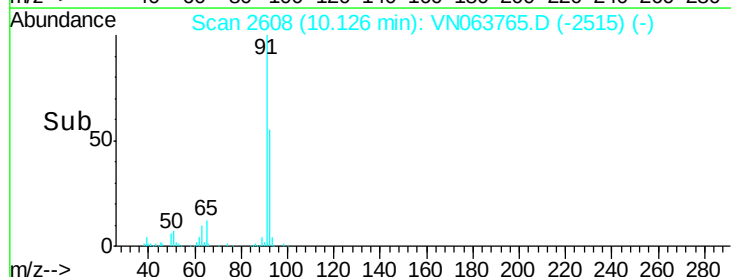
150000

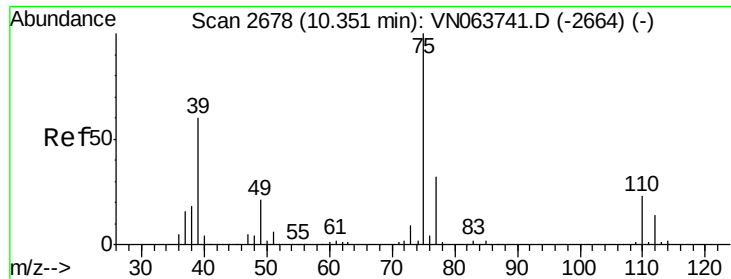
100000

50000

0

Time-->





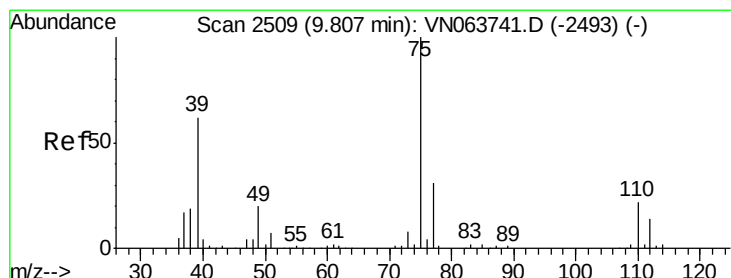
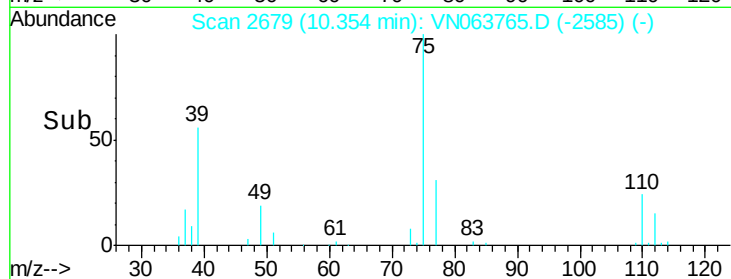
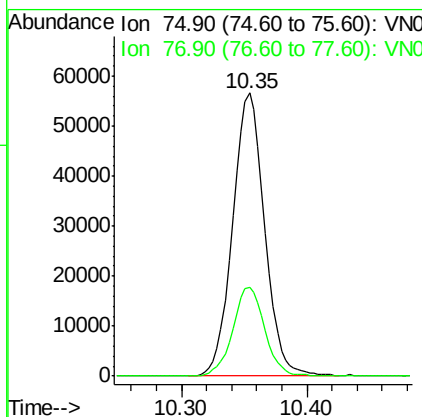
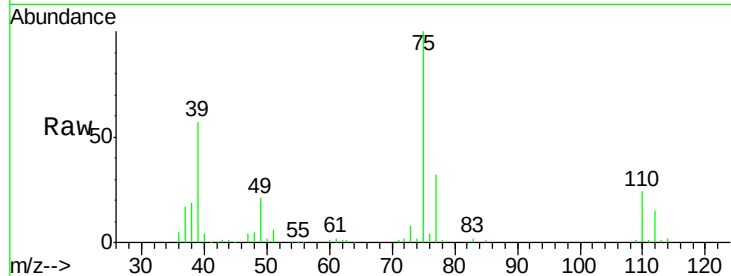
#53  
t-1,3-Dichloropropene  
Concen: 19.365 ug/l  
RT: 10.35 min Scan# 2679  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.6  | 25.3  | 37.9  |

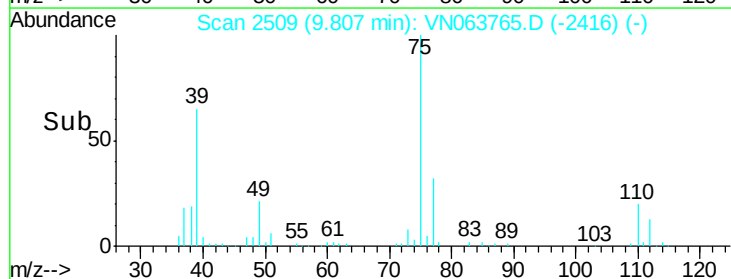
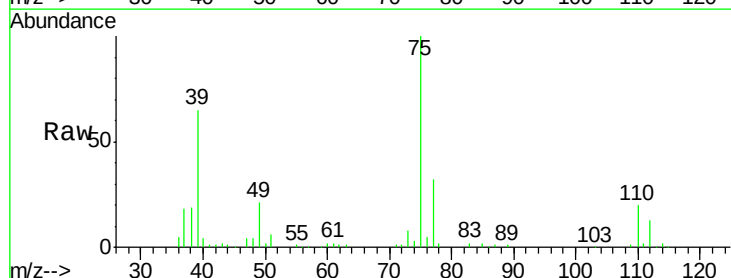
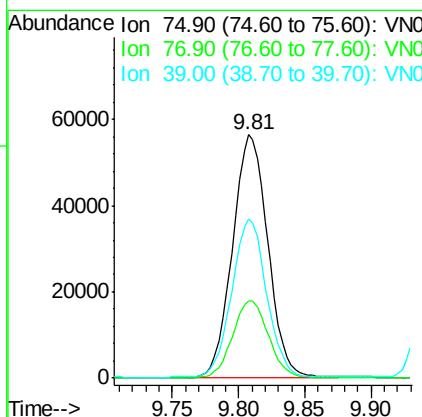
Manual Integrations  
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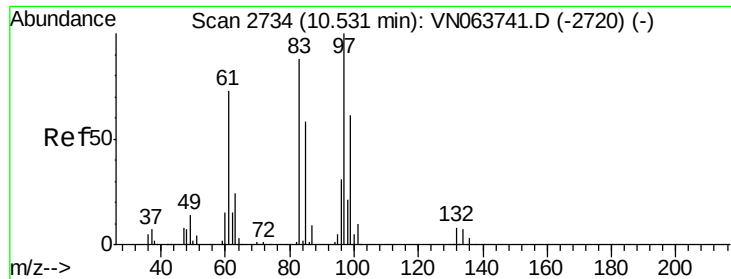


#54  
cis-1,3-Dichloropropene  
Concen: 19.368 ug/l  
RT: 9.81 min Scan# 2509  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.9  | 24.6  | 36.8  |
| 39      | 64.7  | 49.7  | 74.5  |







#55

1,1,2-Trichloroethane

Concen: 19.476 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA\_N

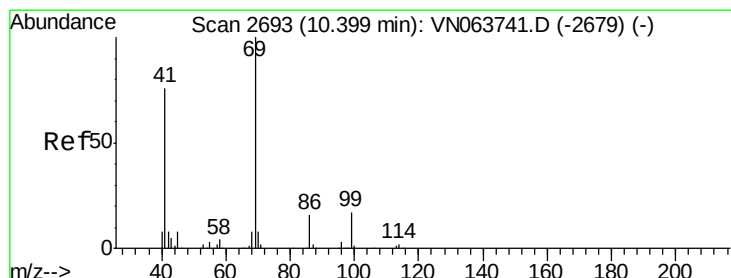
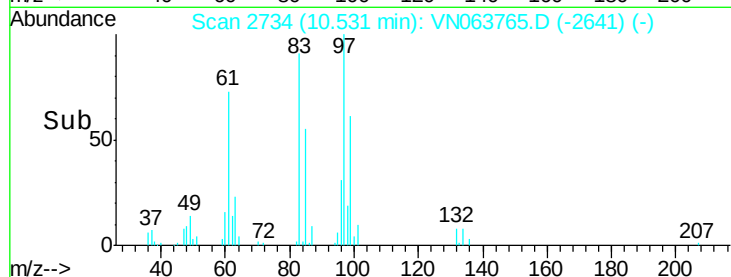
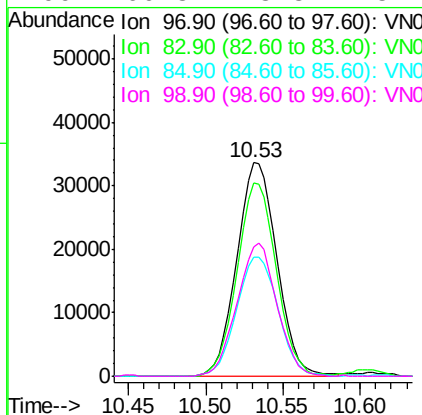
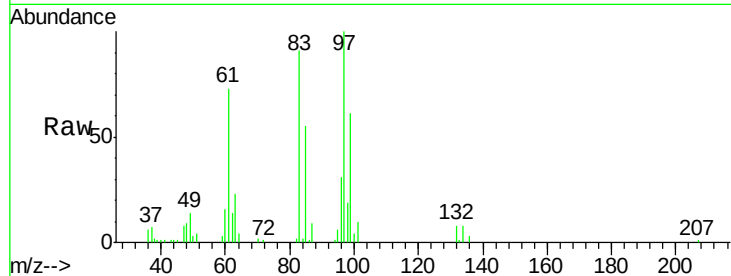
ClientSampled :

VN1001WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 60731 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 90.6  | 70.7  | 106.1 |
| 85       | 55.5  | 46.1  | 69.1  |
| 99       | 60.8  | 48.8  | 73.2  |

Manual Integrations  
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10/2/2020 3:11:14 PM



#56

Ethyl methacrylate

Concen: 19.405 ug/l

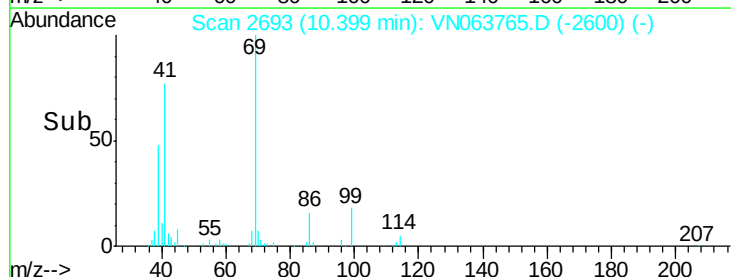
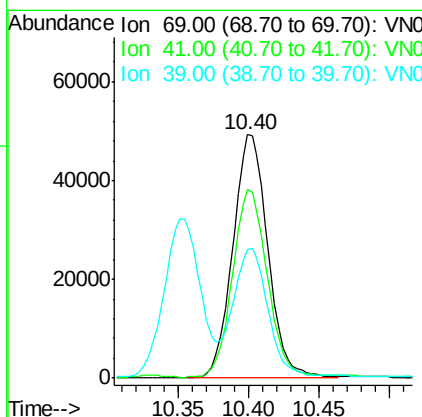
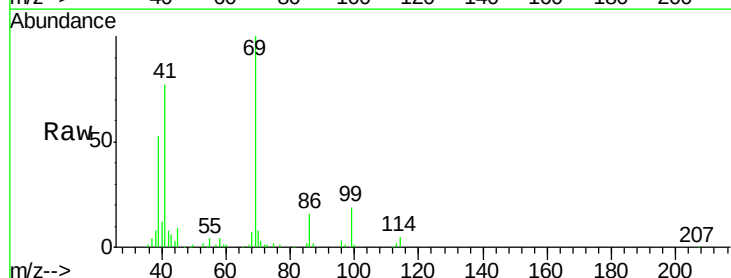
RT: 10.40 min Scan# 2693

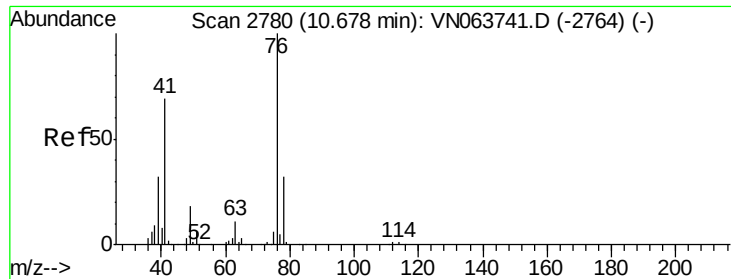
Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 85769 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 76.4  | 61.1  | 91.7  |
| 39       | 52.1  | 42.2  | 63.4  |





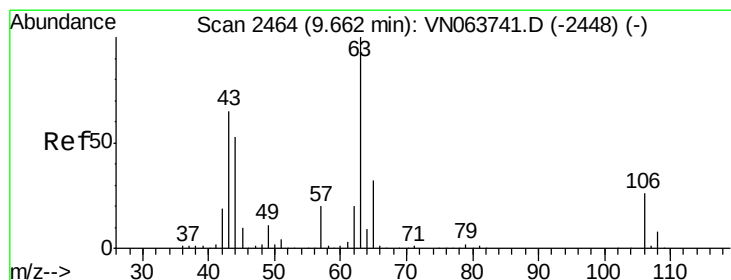
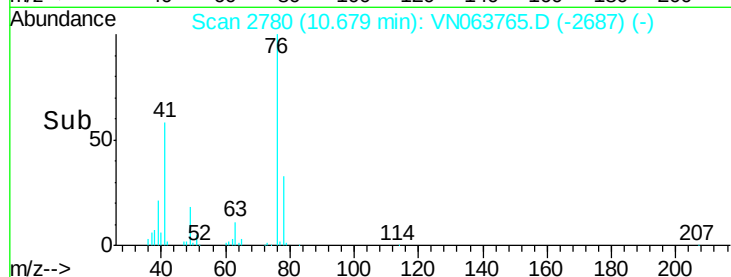
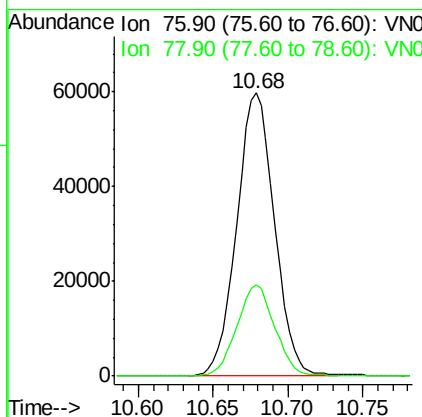
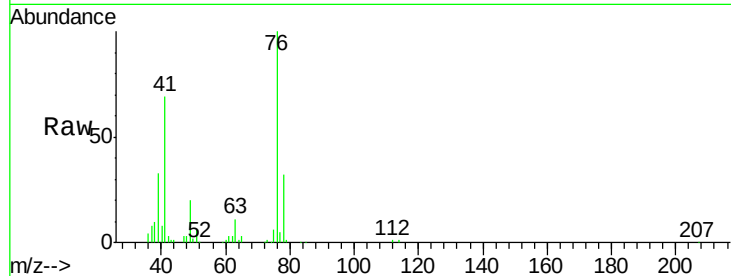
#57  
 1,3-Dichloropropane  
 Concen: 19.886 ug/l  
 RT: 10.68 min Scan# 2780  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1001WBS01

Tot Ion: 76 Resp: 104909  
 Ion Ratio Lower Upper  
 76 100  
 78 32.5 25.2 37.8

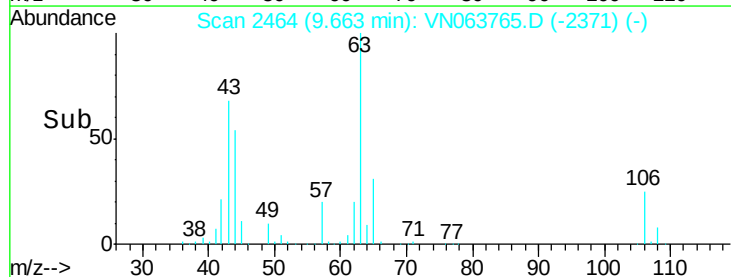
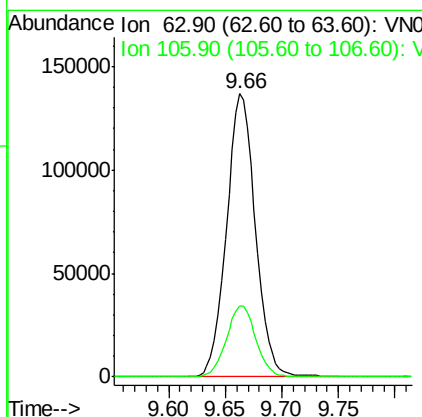
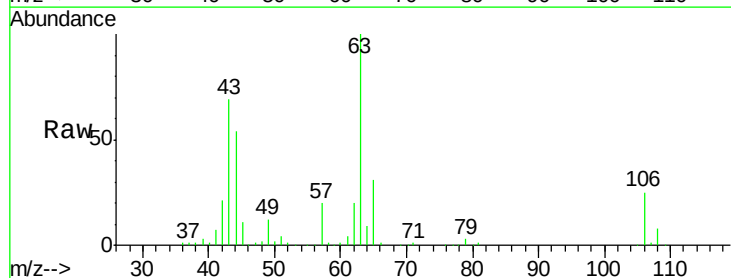
Manual Integrations  
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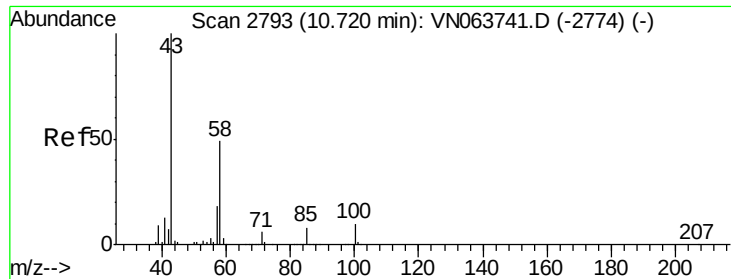
MMDadoda  
 10/2/2020 3:11:14 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 102.584 ug/l  
 RT: 9.66 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

Tgt Ion: 63 Resp: 242542  
 Ion Ratio Lower Upper  
 63 100  
 106 25.6 20.7 31.1





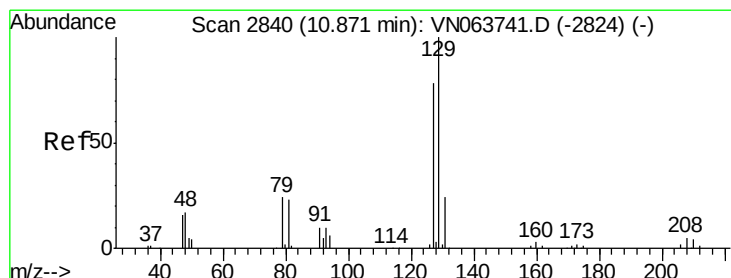
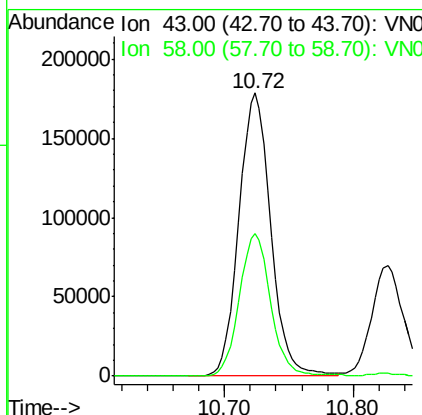
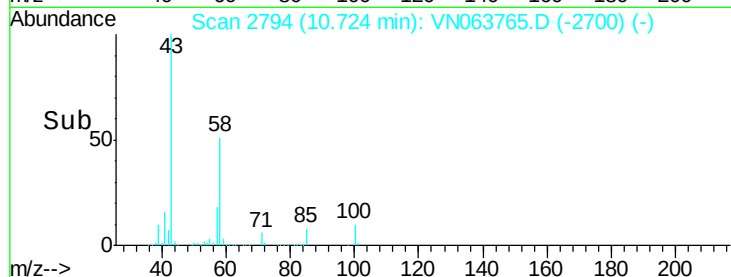
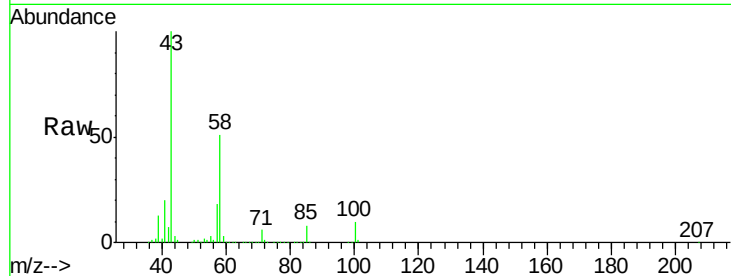
#59  
2-Hexanone  
Concen: 97.360 ug/l  
RT: 10.72 min Scan# 2794  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

Tot Ion: 43 Resp: 306128  
Ion Ratio Lower Upper  
43 100  
58 49.6 24.6 73.8

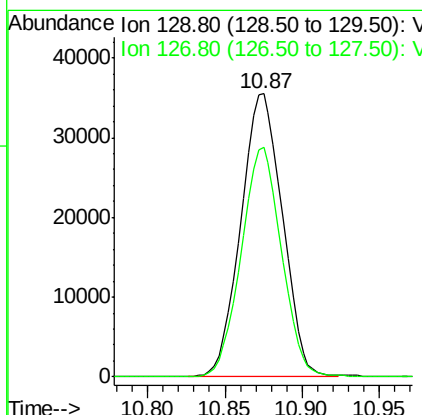
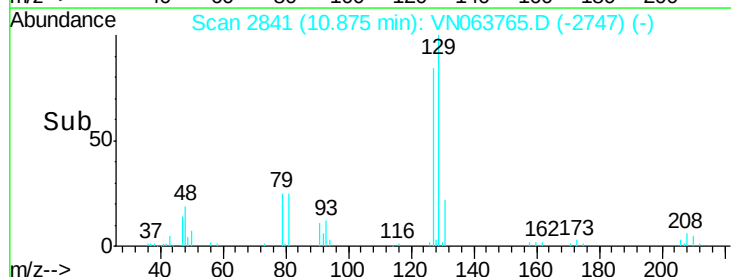
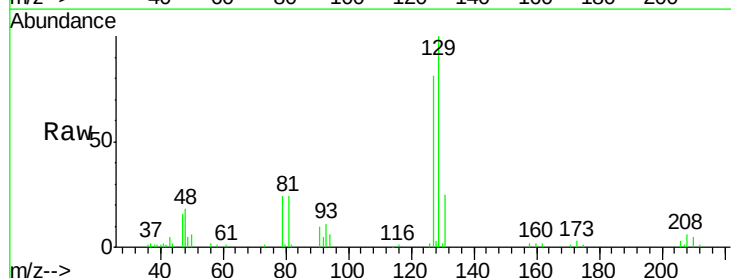
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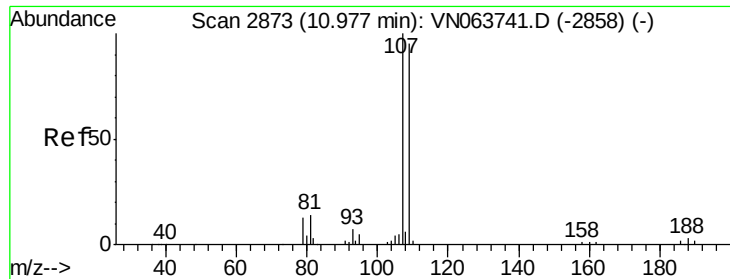
MMDadoda  
10/2/2020 3:11:14 PM



#60  
Dibromochloromethane  
Concen: 18.345 ug/l  
RT: 10.87 min Scan# 2841  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Tgt Ion: 129 Resp: 66622  
Ion Ratio Lower Upper  
129 100  
127 78.4 38.9 116.7





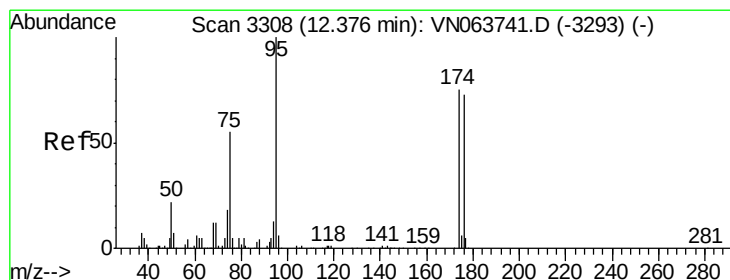
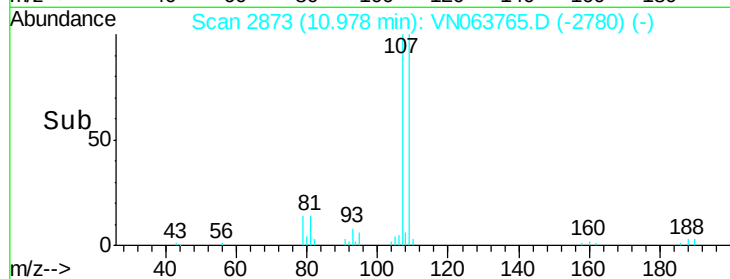
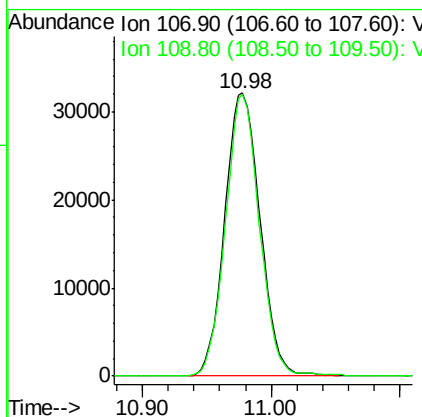
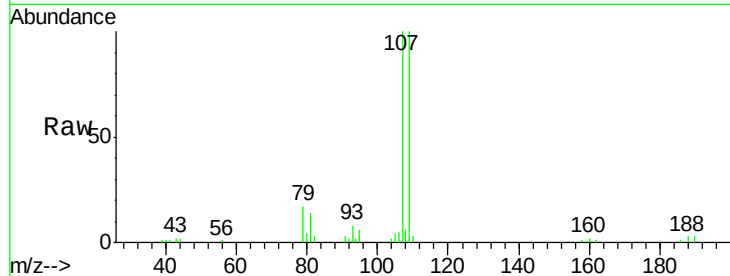
#61  
 1,2-Dibromoethane  
 Concen: 19.152 ug/l  
 RT: 10.98 min Scan# 2873  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1001WBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 61092 |       |       |
| 109     | 95.7  | 74.8  | 112.2 |       |

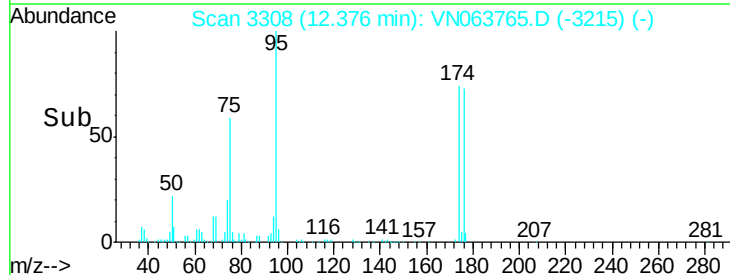
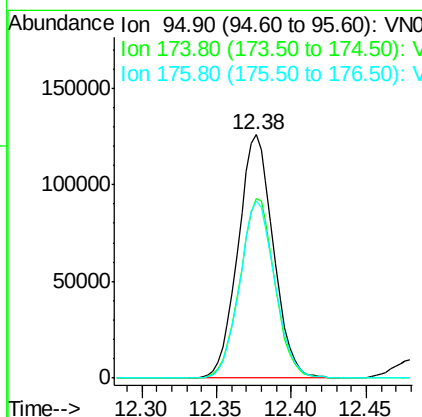
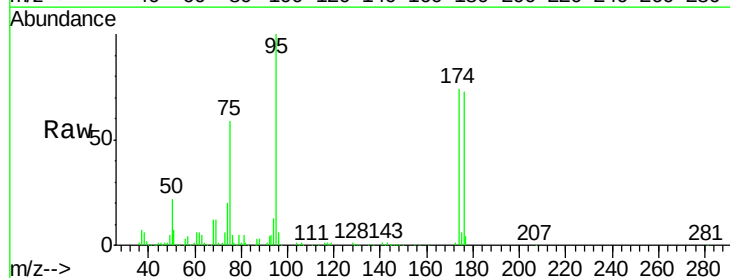
Manual Integrations  
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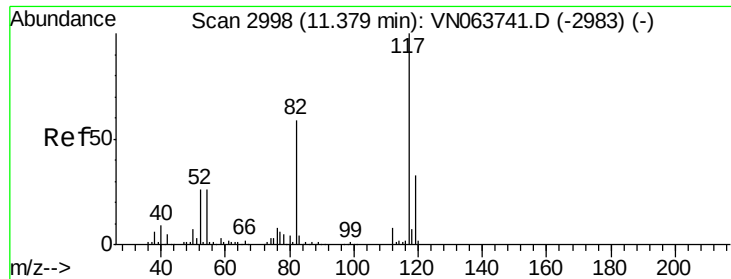
MMDadoda  
 10/2/2020 3:11:14 PM



#62  
 4-Bromofluorobenzene  
 Concen: 48.080 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 206537 |       |       |
| 174     | 72.9  | 0.0    | 150.6 |       |
| 176     | 72.6  | 0.0    | 145.4 |       |





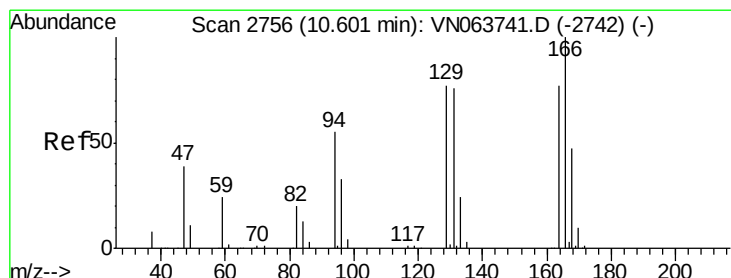
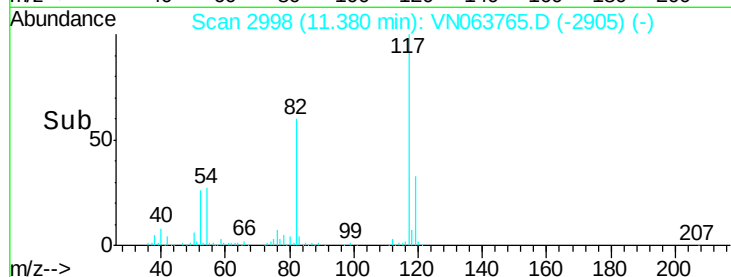
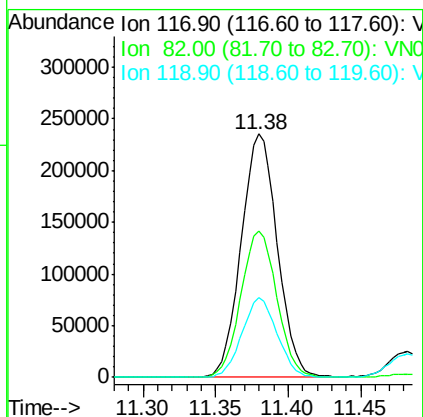
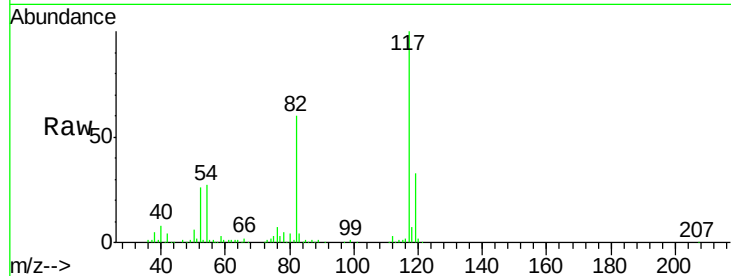
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 59.9  | 47.4  | 71.2  |
| 119     | 32.6  | 26.4  | 39.6  |

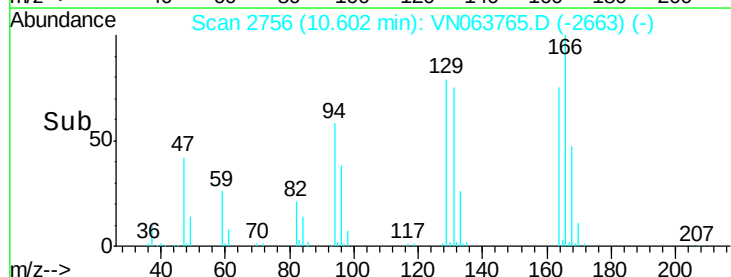
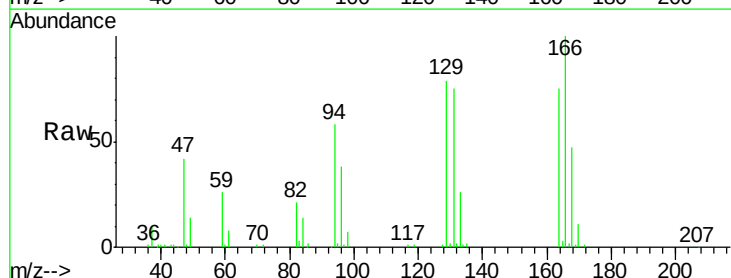
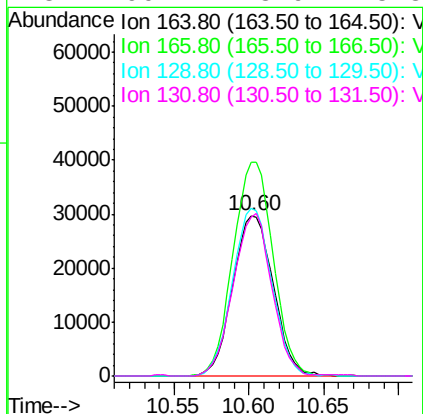
Manual Integrations  
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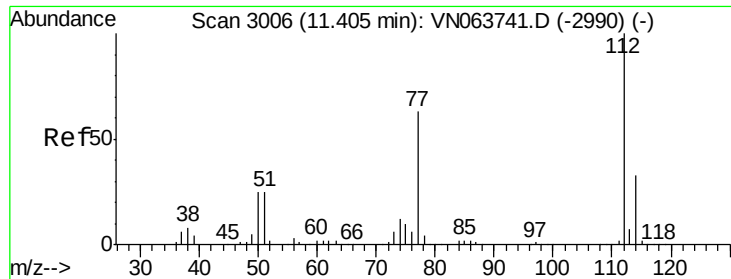
MMDadoda  
10/2/2020 3:11:14 PM



#64  
Tetrachloroethene  
Concen: 17.709 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 132.9 | 103.9 | 155.9 |
| 129     | 104.8 | 80.3  | 120.5 |
| 131     | 99.1  | 78.9  | 118.3 |





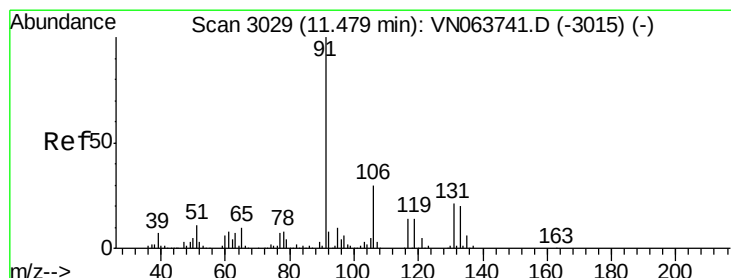
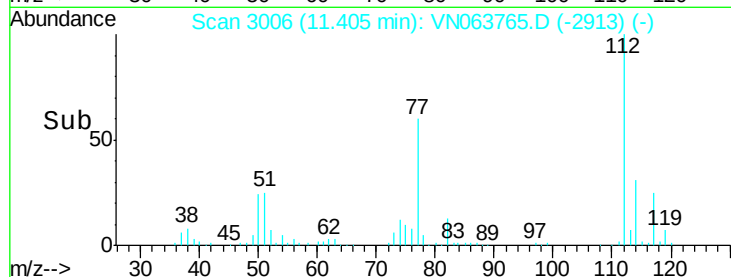
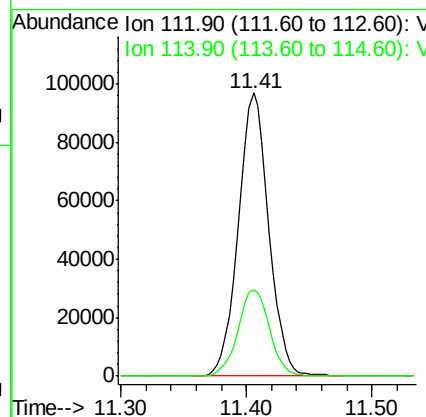
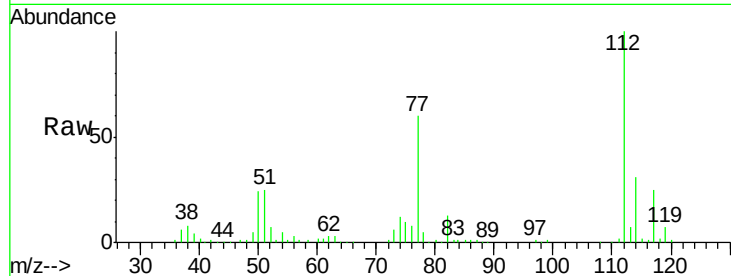
#65  
Chlorobenzene  
Concen: 19.361 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampled :  
VN1001WBS01

Tot Ion:112 Resp: 162495  
Ion Ratio Lower Upper  
112 100  
114 30.7 26.1 39.1

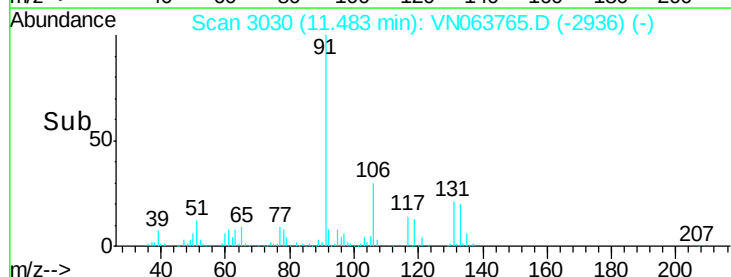
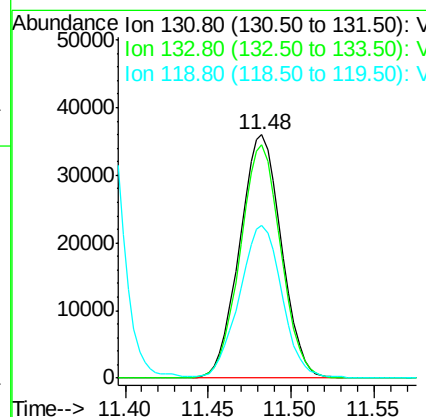
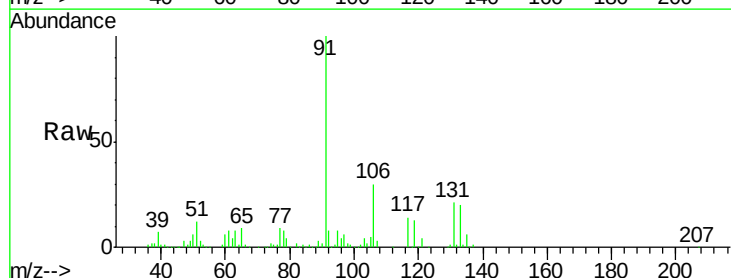
Manual Integrations  
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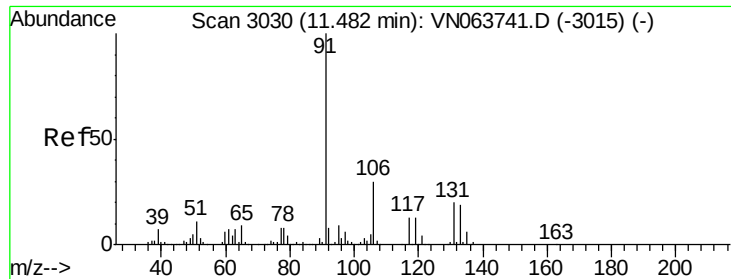
MMDadoda  
10/2/2020 3:11:14 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.562 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Tgt Ion:131 Resp: 62943  
Ion Ratio Lower Upper  
131 100  
133 93.5 47.3 141.8  
119 64.2 32.6 97.7





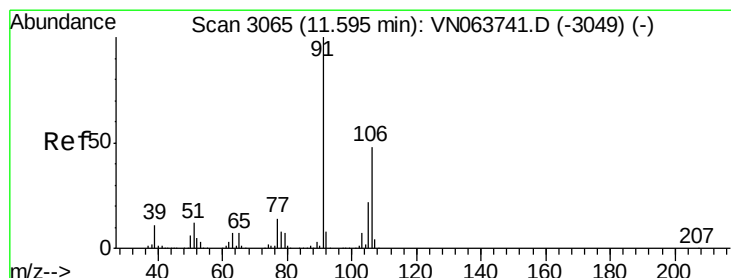
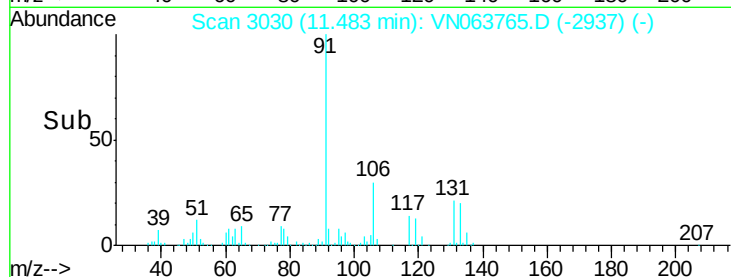
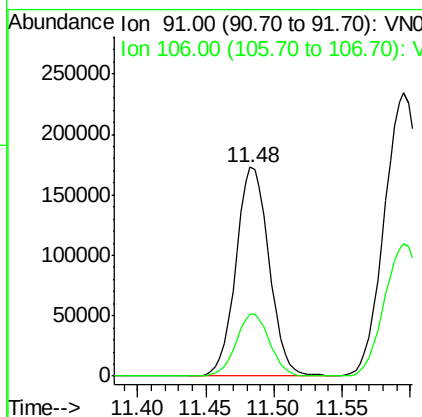
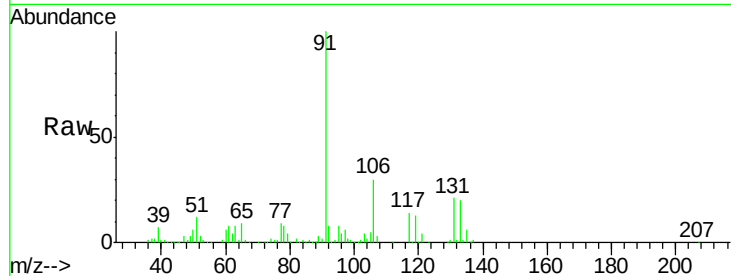
#67  
Ethyl Benzene  
Concen: 19.080 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampled :  
VN1001WBS01

Tot Ion: 91 Resp: 291391  
Ion Ratio Lower Upper  
91 100  
106 29.7 24.2 36.2

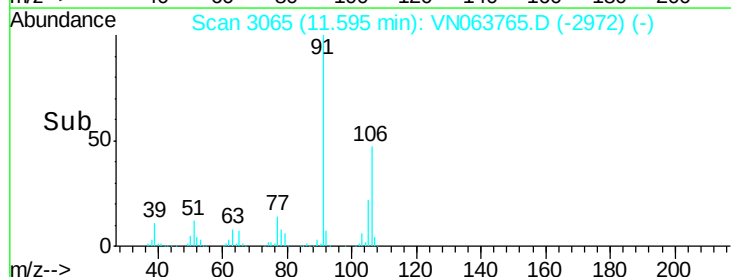
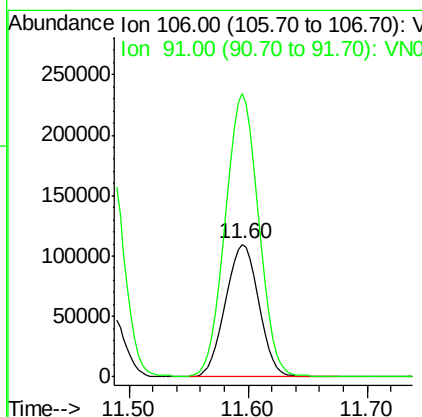
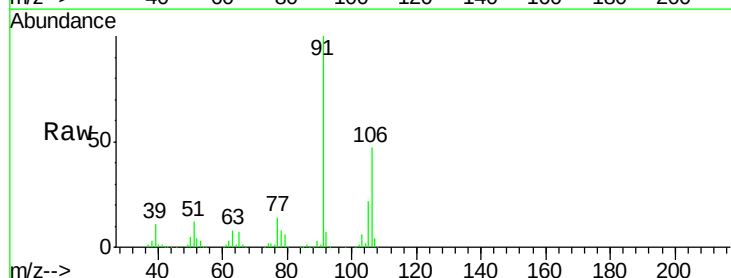
Manual Integrations  
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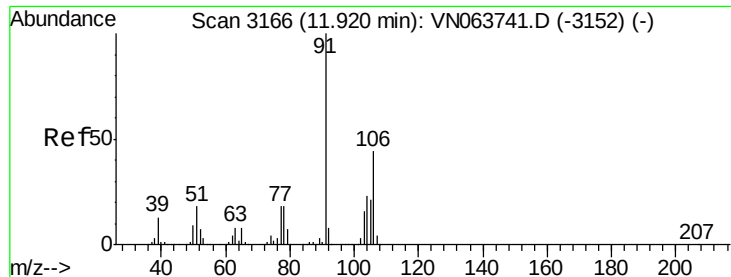
MMDadoda  
10/2/2020 3:11:14 PM



#68  
m/p-Xylenes  
Concen: 37.706 ug/l  
RT: 11.60 min Scan# 3065  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Tgt Ion: 106 Resp: 214617  
Ion Ratio Lower Upper  
106 100  
91 212.3 168.0 252.0





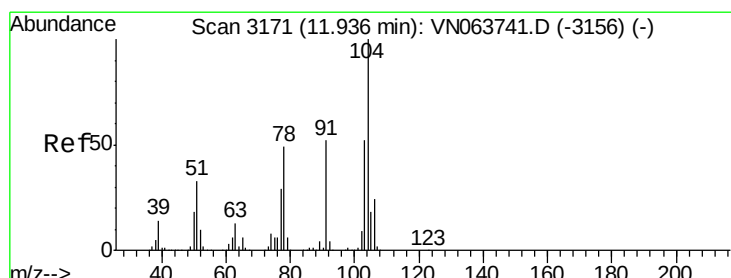
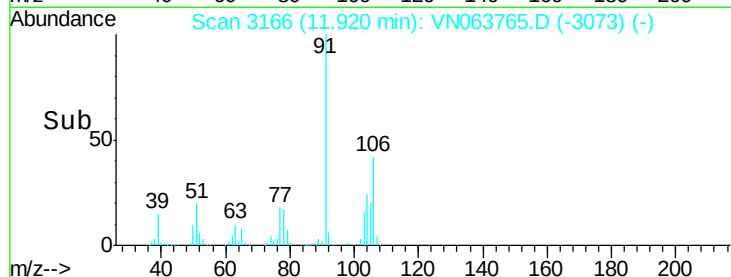
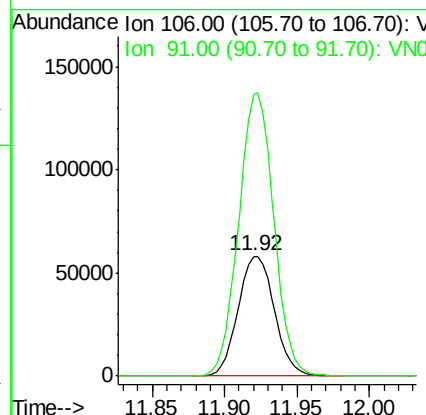
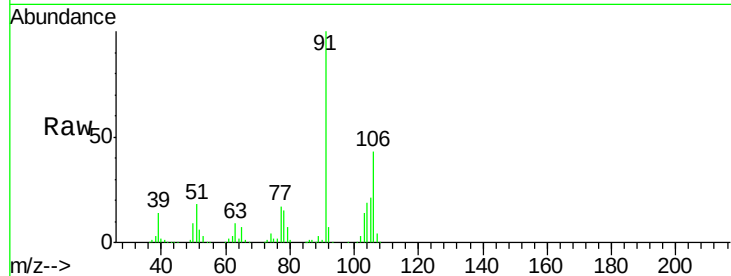
#69  
o-Xylene  
Concen: 19.069 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 106     | 106 | 100   | 101449 |       |       |
| 91      | 91  | 228.6 | 112.7  | 338.0 |       |

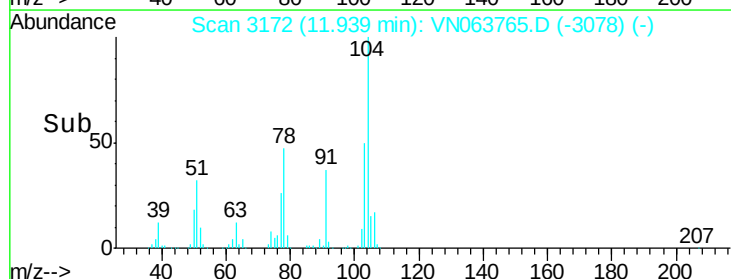
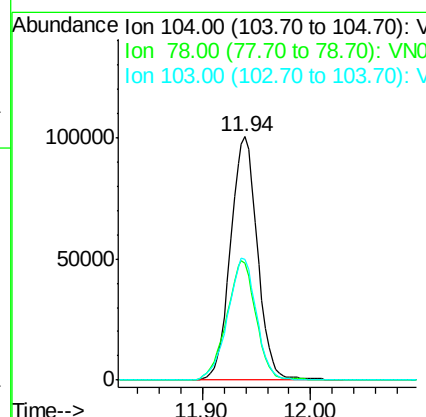
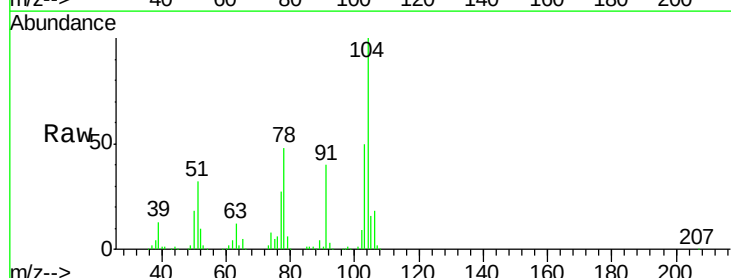
Manual Integrations  
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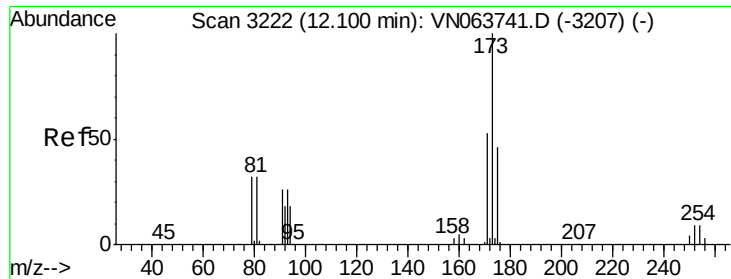


#70  
Styrene  
Concen: 19.403 ug/l  
RT: 11.94 min Scan# 3172  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 104     | 104 | 100   | 175217 |       |       |
| 78      | 78  | 52.6  | 44.1   | 66.1  |       |
| 103     | 103 | 53.2  | 44.3   | 66.5  |       |







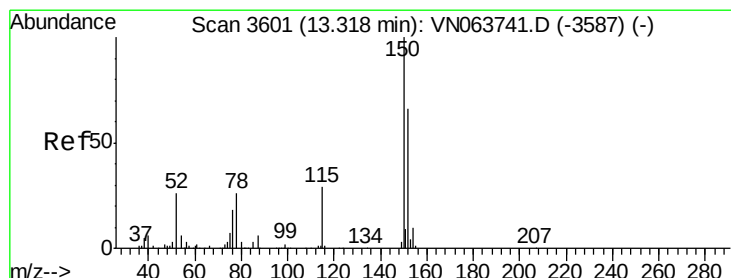
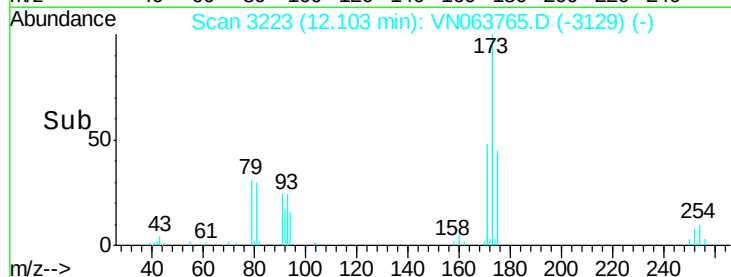
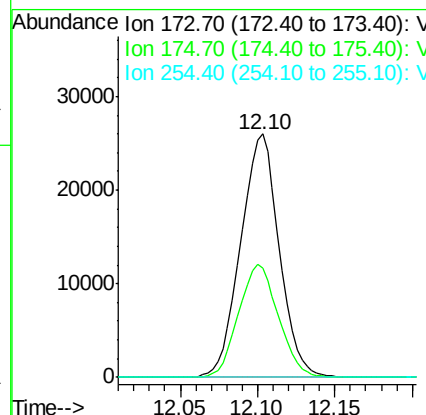
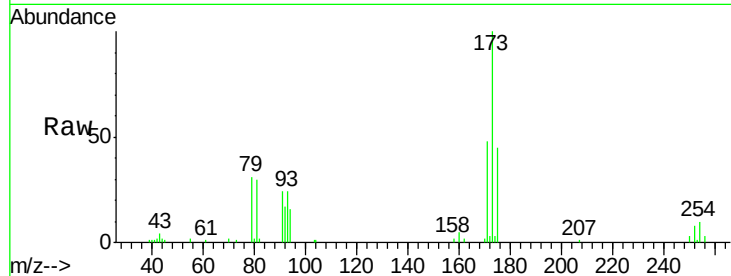
#71  
Bromoform  
Concen: 18.292 ug/l  
RT: 12.10 min Scan# 3223  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.9  | 23.5  | 70.5  |
| 254     | 0.0   | 0.0   | 0.0   |

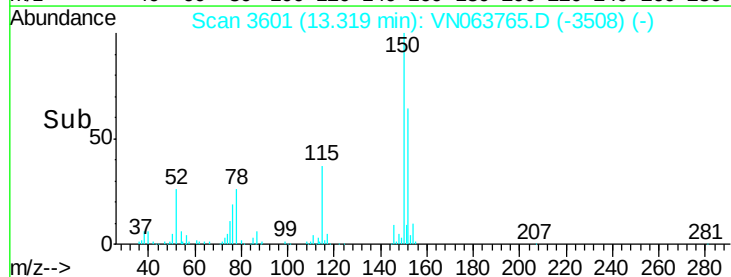
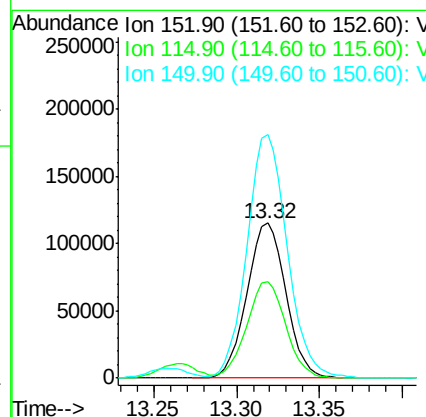
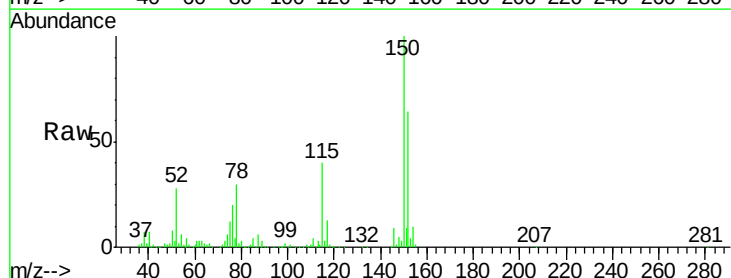
Manual Integrations  
APPROVED

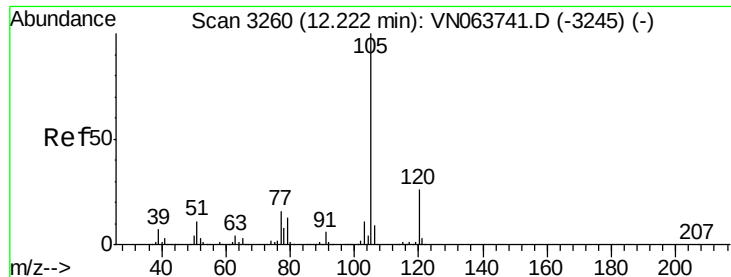
MMDadoda  
10/2/2020 3:11:14 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3601  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 62.3  | 31.3  | 93.8  |
| 150     | 161.4 | 0.0   | 341.8 |





#73

Isopropylbenzene

Concen: 20.129 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA\_N

ClientSampleId :

VN1001WBS01

Tot Ion: 105 Resp: 277597

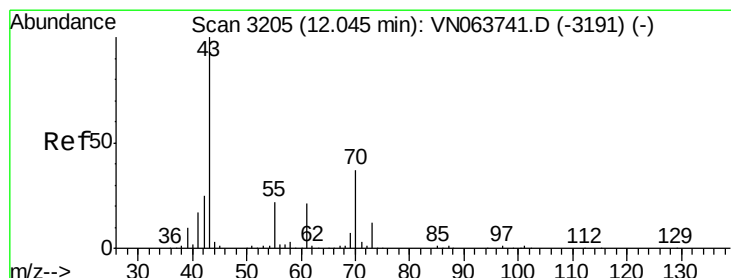
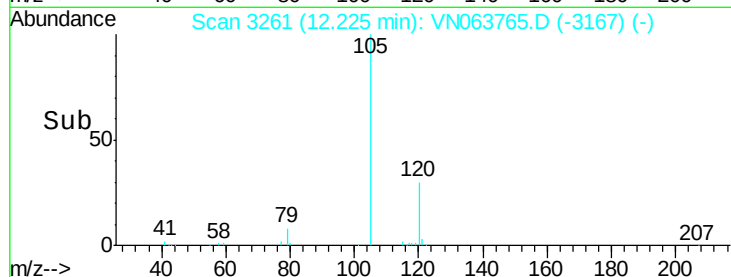
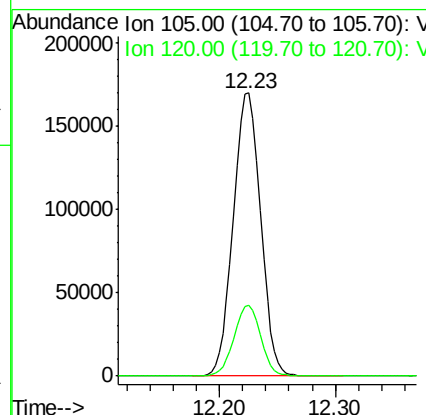
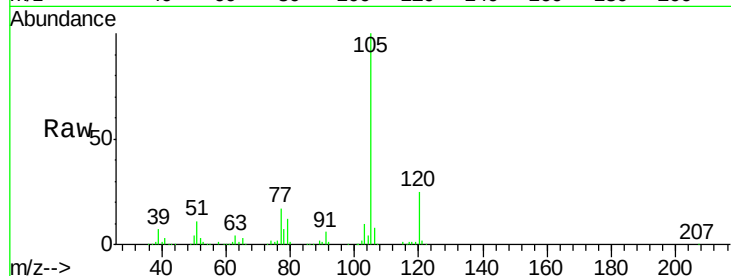
Ion Ratio Lower Upper

105 100

120 24.4 12.6 37.8

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10/2/2020 3:11:14 PM



#74

N-ethyl acetate

Concen: 19.796 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Tgt Ion: 43 Resp: 117914

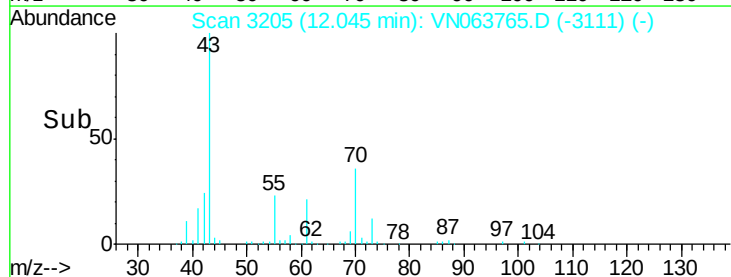
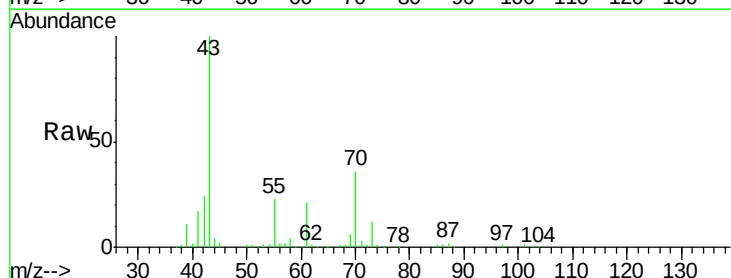
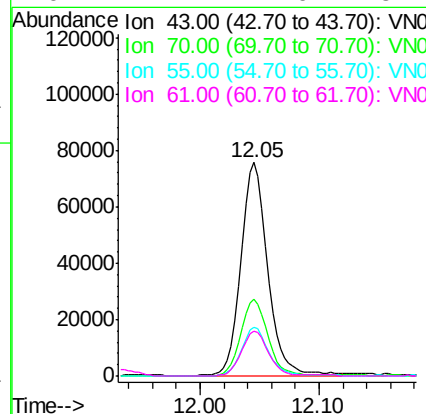
Ion Ratio Lower Upper

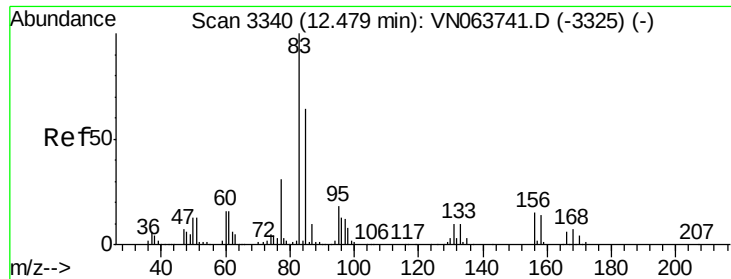
43 100

70 36.4 29.8 44.8

55 23.1 17.9 26.9

61 21.7 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.421 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA\_N

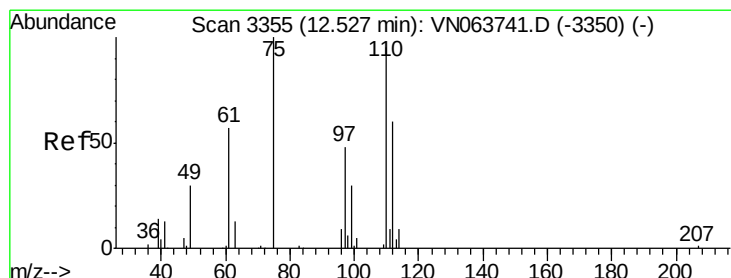
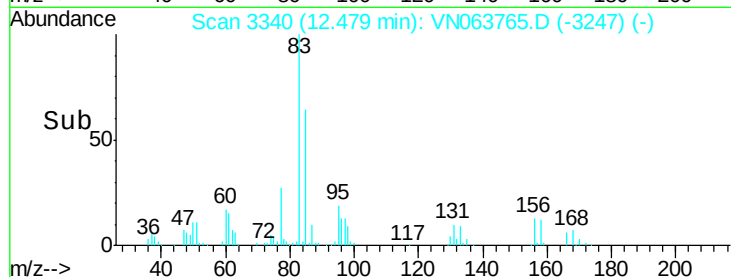
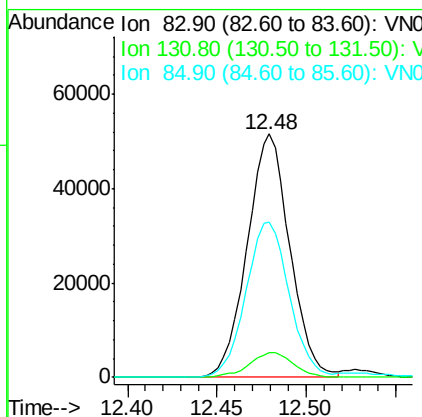
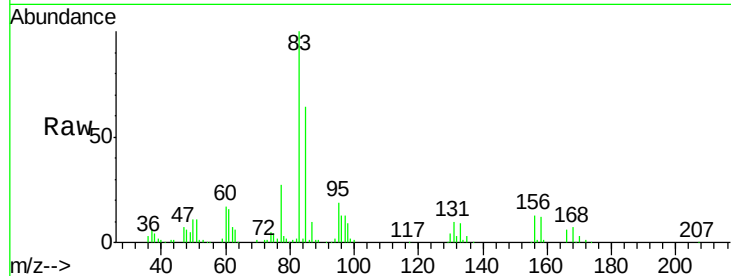
ClientSampleId :

VN1001WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 86120 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.5  | 5.3   | 15.8  |
| 85        | 64.5  | 31.3  | 93.8  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 19.898 ug/l m

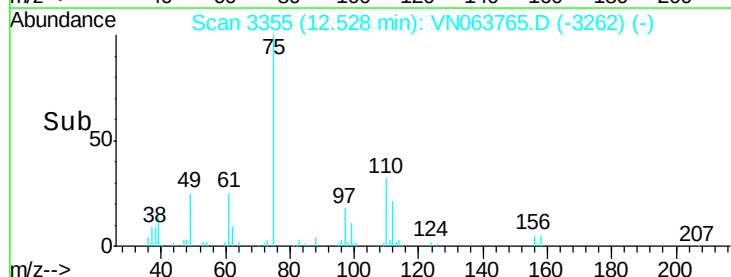
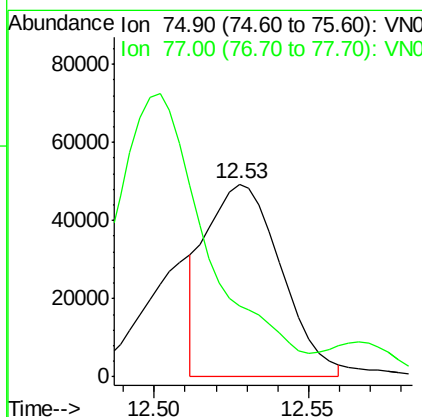
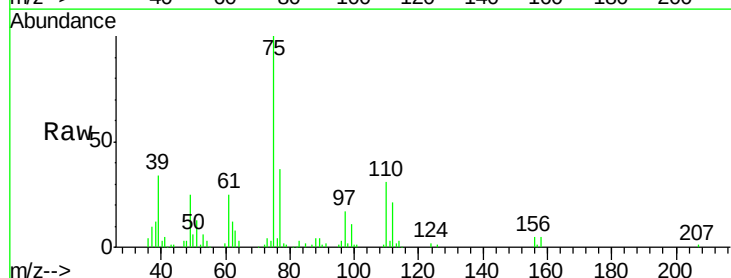
RT: 12.53 min Scan# 3355

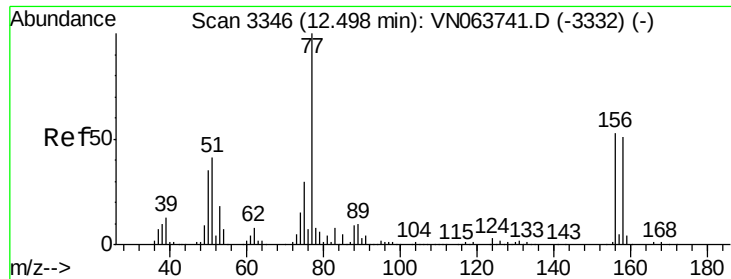
Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 82935 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 19.640 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA\_N

ClientSampleId :

VN1001WBS01

Tot Ion:156 Resp: 66462

Ion Ratio Lower Upper

156 100

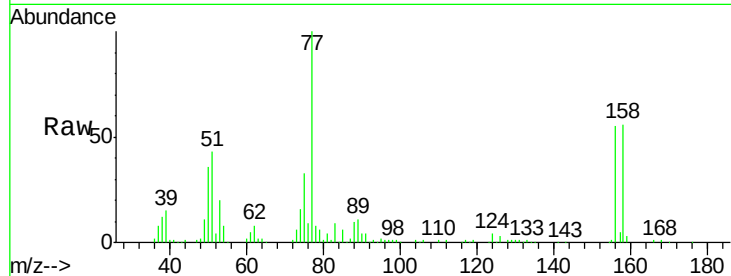
77 228.8 110.9 332.7

158 103.2 47.7 143.1

Manual Integrations  
APPROVED

MMDadoda

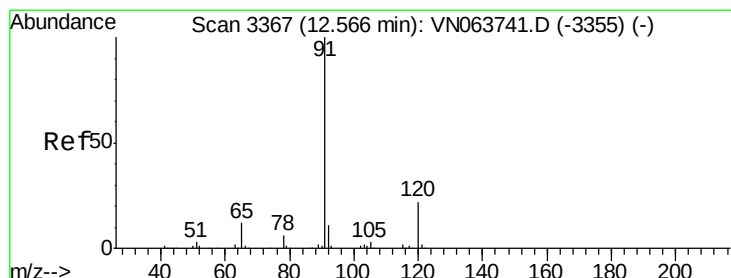
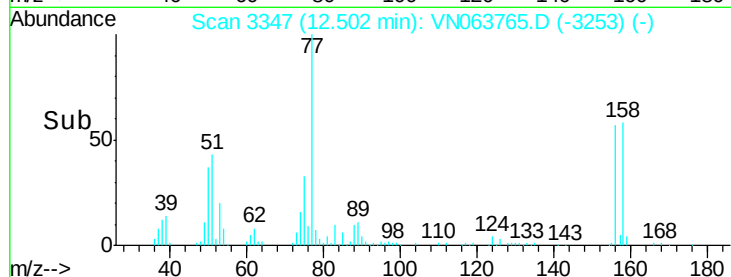
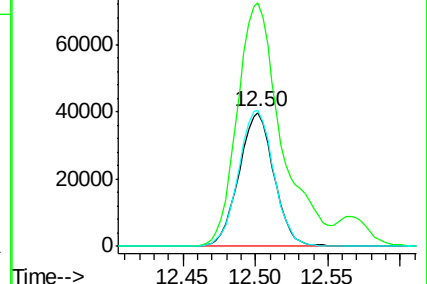
10/2/2020 3:11:14 PM



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: 19.386 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063765.D

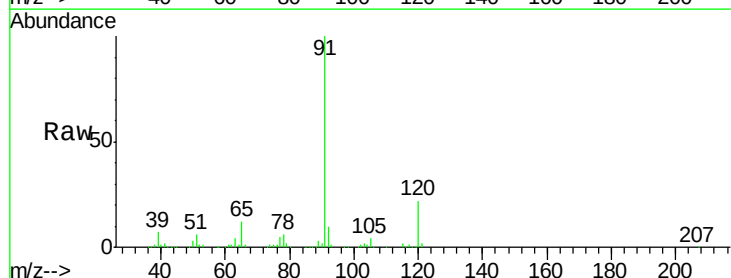
Acq: 1 Oct 2020 12:29

Tgt Ion: 91 Resp: 311152

Ion Ratio Lower Upper

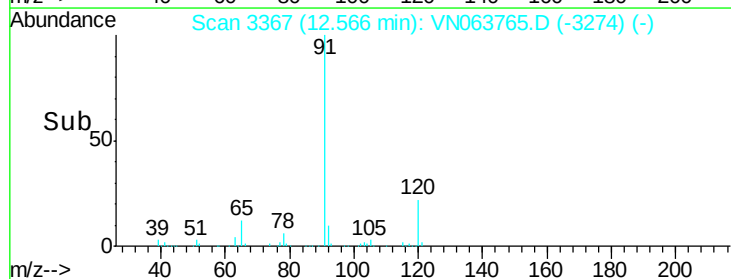
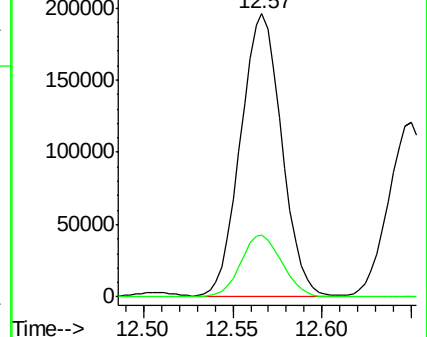
91 100

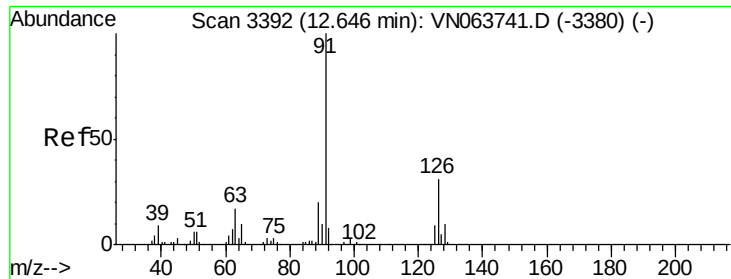
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





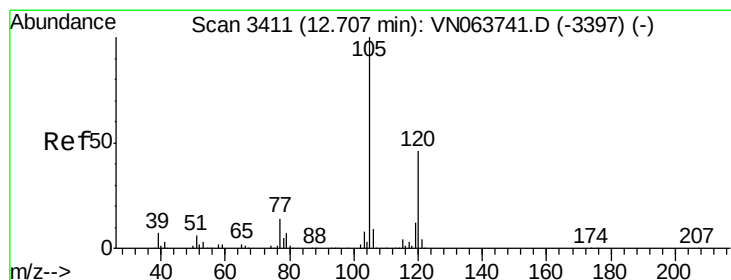
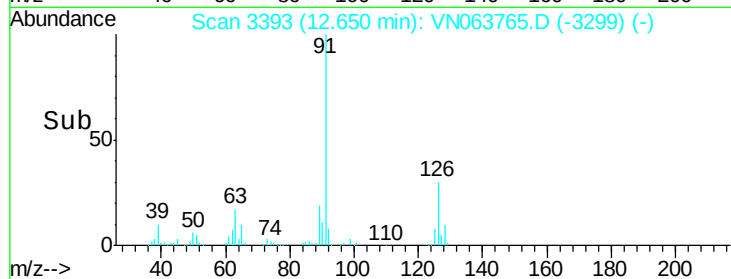
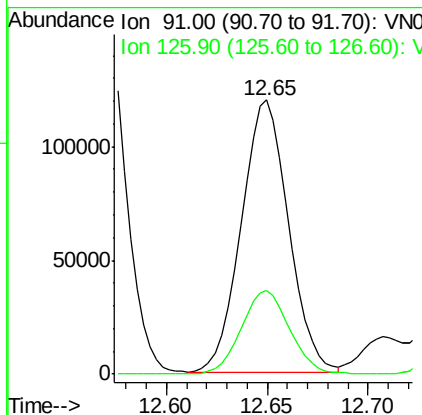
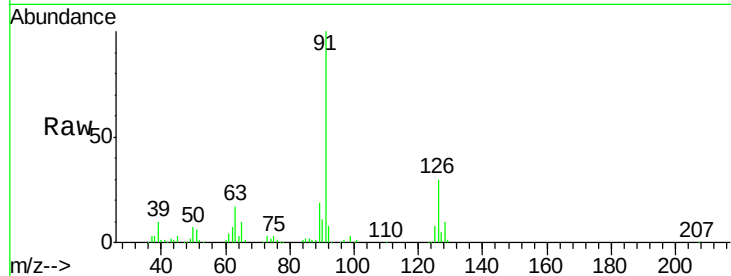
#79  
 2-Chlorotoluene  
 Concen: 19.947 ug/l  
 RT: 12.65 min Scan# 3393  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1001WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 196895 |       |       |
| 126     | 31.3  | 15.9   | 47.7  |       |

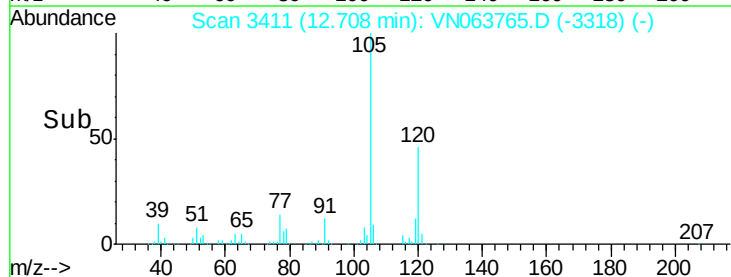
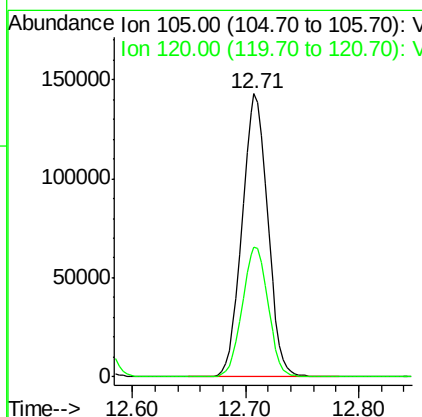
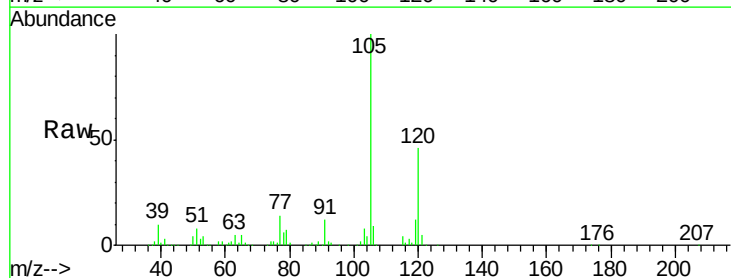
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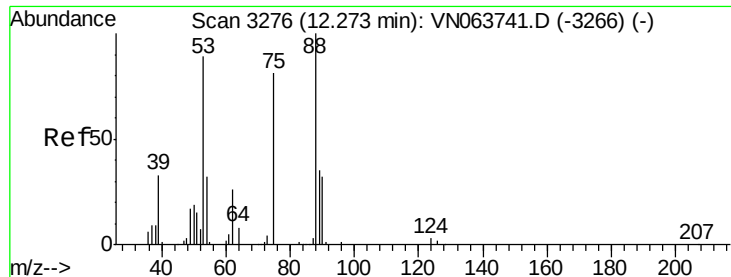
MMDadoda  
 10/2/2020 3:11:14 PM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.560 ug/l  
 RT: 12.71 min Scan# 3411  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 226314 |       |       |
| 120     | 46.2  | 23.3   | 69.9  |       |





#81

trans-1,4-Dichloro-2-butene

Concen: 20.216 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA\_N

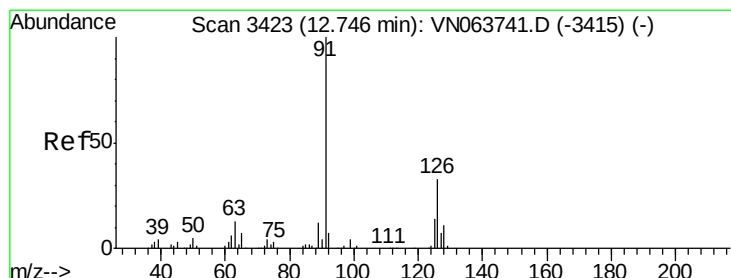
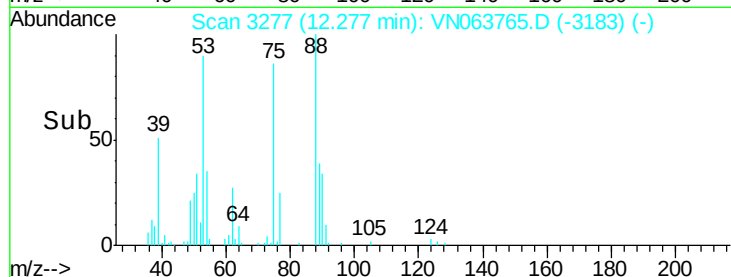
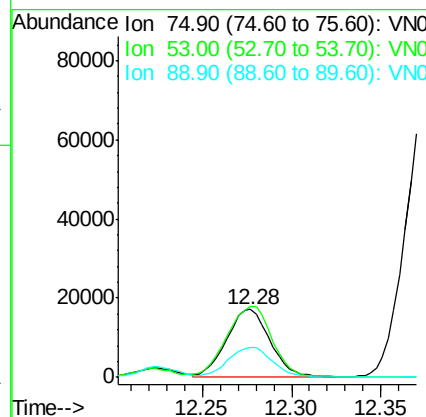
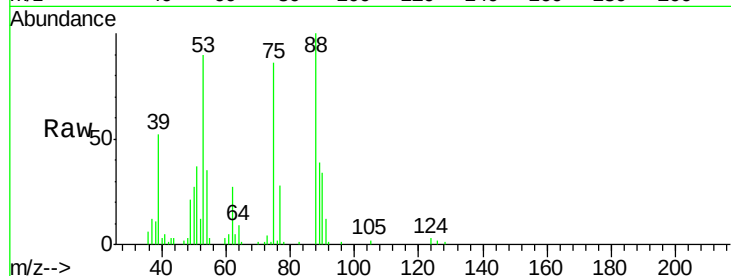
ClientSampleId :

VN1001WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 29255 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 109.3 | 88.2  | 132.2 |
| 89        | 44.9  | 36.0  | 54.0  |

Manual Integrations  
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10/2/2020 3:11:14 PM



#82

4-Chlorotoluene

Concen: 19.799 ug/l

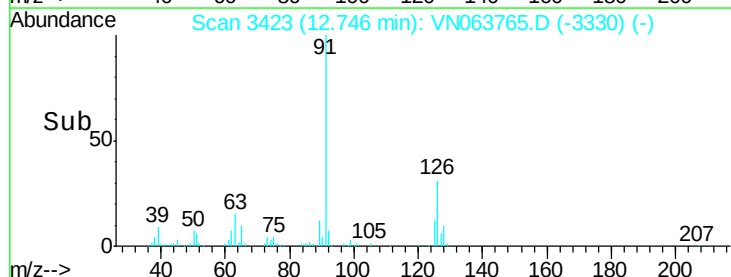
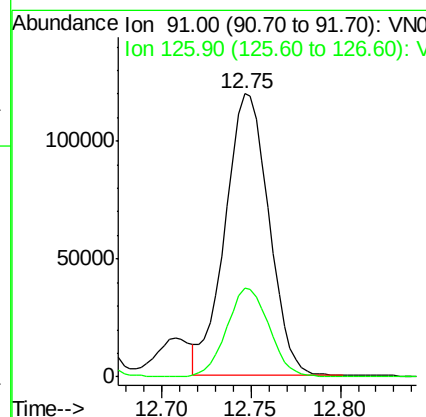
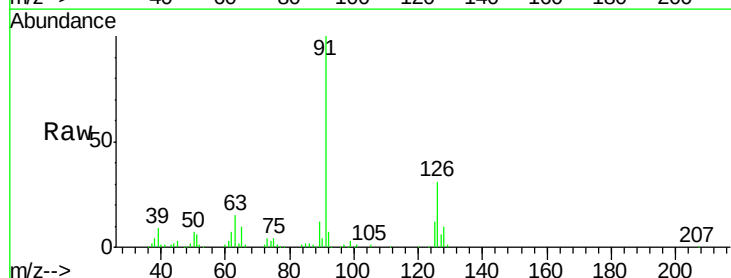
RT: 12.75 min Scan# 3423

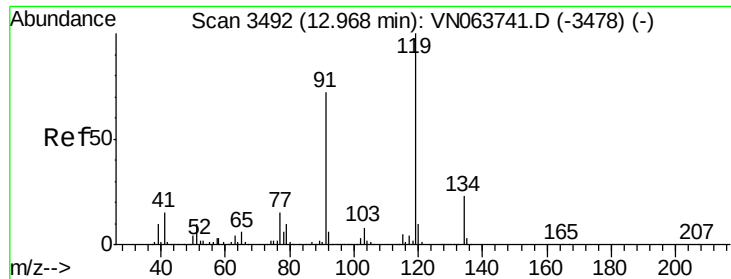
Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 202883 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 30.9  | 15.4  | 46.2   |





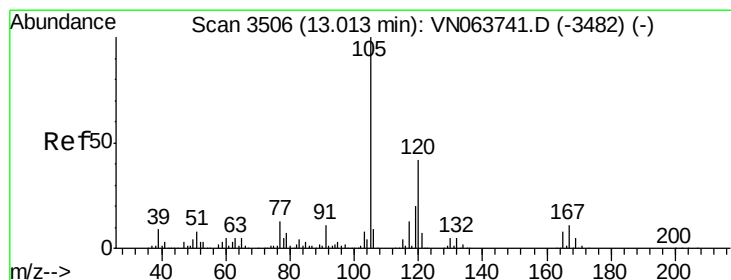
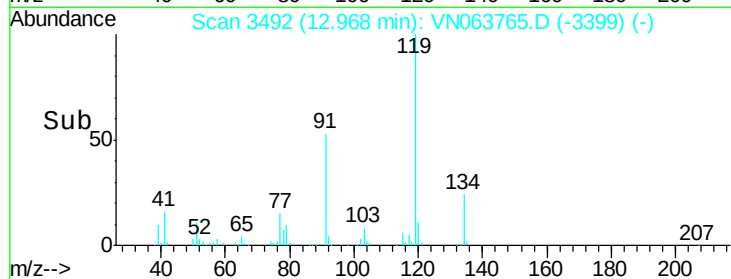
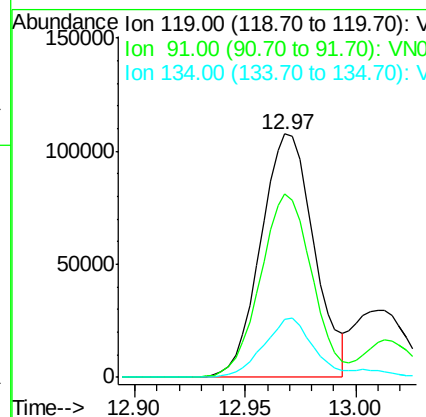
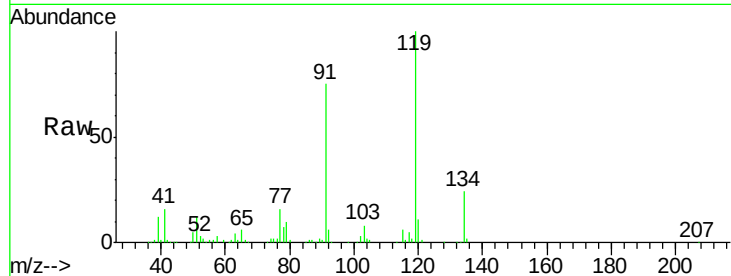
#83  
 tert-Butylbenzene  
 Concen: 18.985 ug/l  
 RT: 12.97 min Scan# 3492  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1001WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 73.7  | 35.5  | 106.5 |
| 134     | 22.8  | 11.7  | 35.1  |

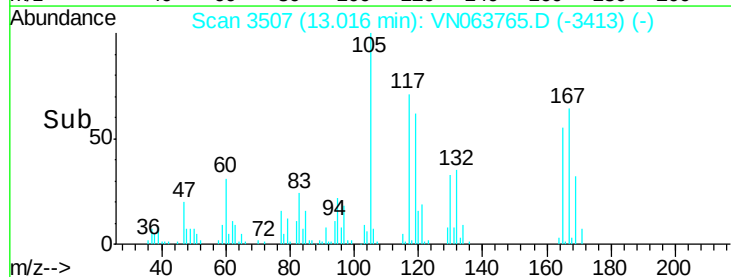
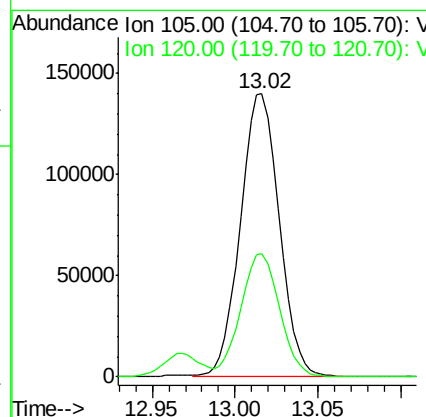
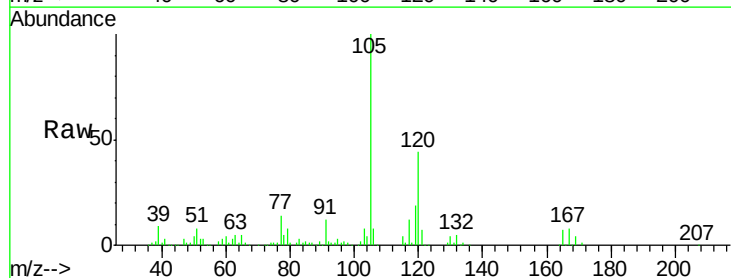
Manual Integrations  
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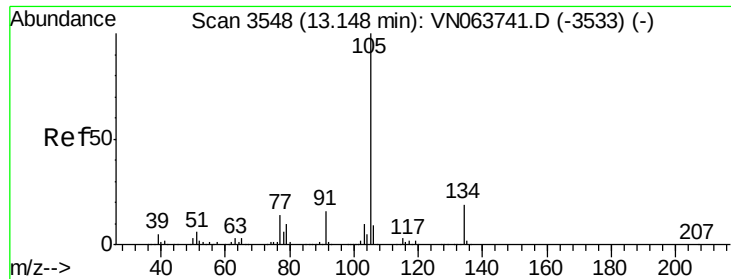
MMDadoda  
 10/2/2020 3:11:14 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.545 ug/l  
 RT: 13.02 min Scan# 3507  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.0  | 20.9  | 62.7  |





#85

sec-Butylbenzene

Concen: 19.108 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA\_N

ClientSampleId :

VN1001WBS01

Tot Ion:105 Resp: 237523

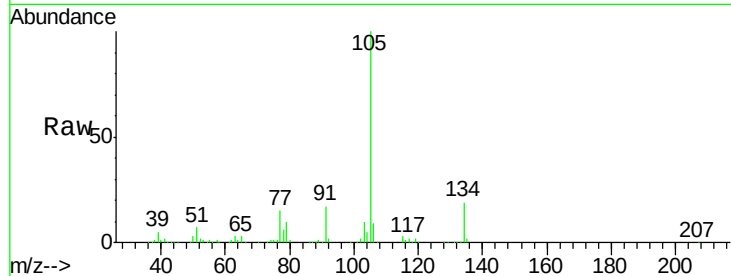
Ion Ratio Lower Upper

105 100

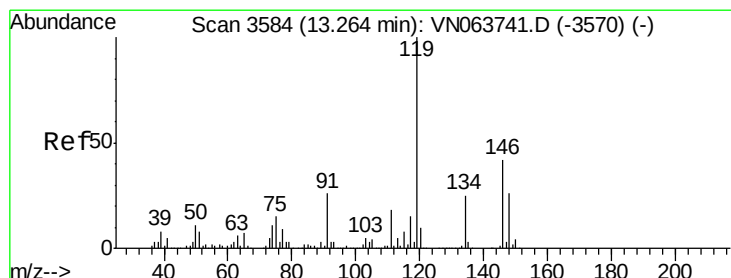
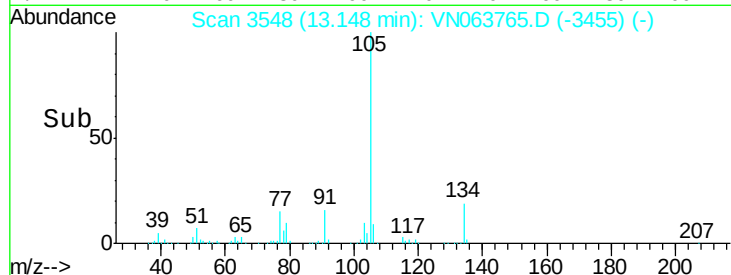
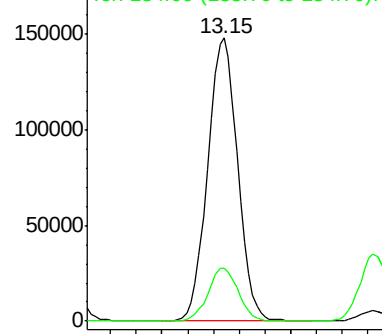
134 18.9 9.5 28.5

Manual Integrations  
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10/2/2020 3:11:14 PM



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.175 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

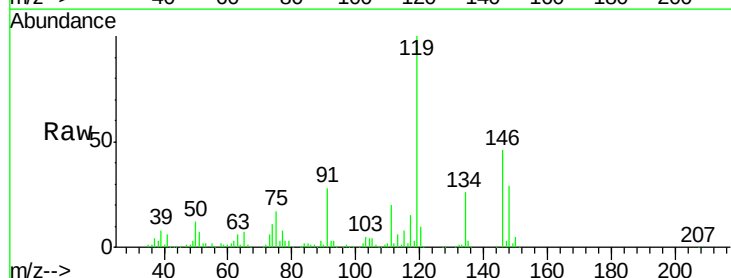
Tgt Ion:119 Resp: 210856

Ion Ratio Lower Upper

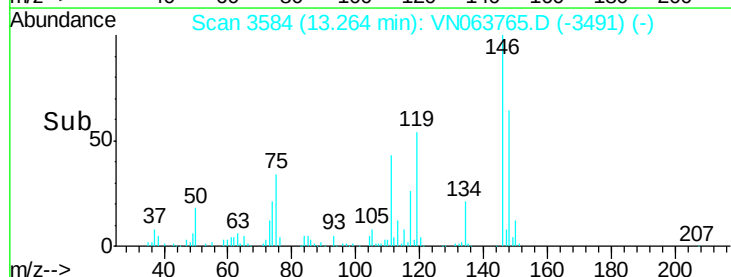
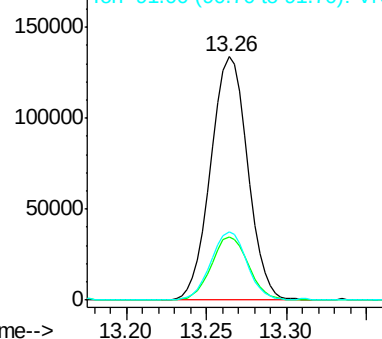
119 100

134 25.9 12.6 37.8

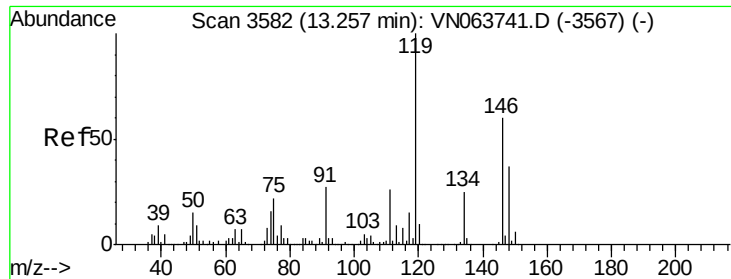
91 27.3 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 134.00 (133.70 to 134.70): V  
Ion 91.00 (90.70 to 91.70): V







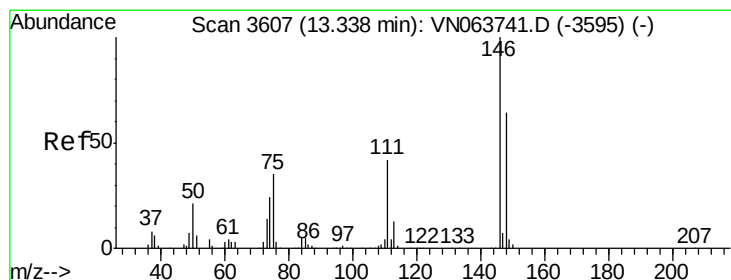
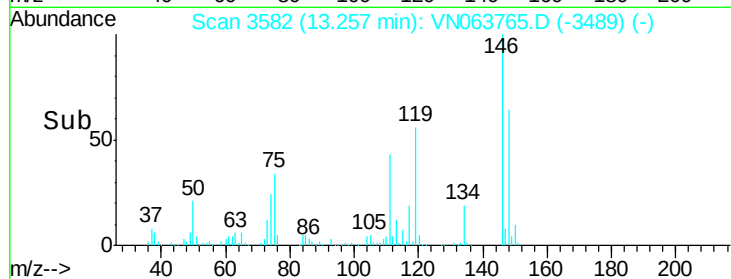
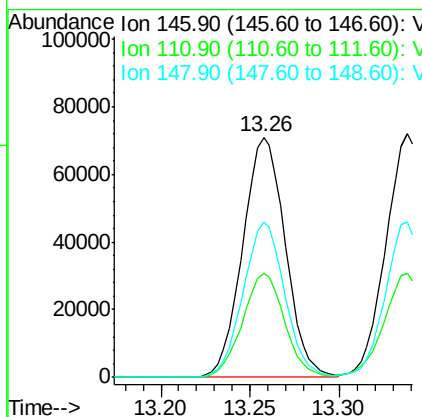
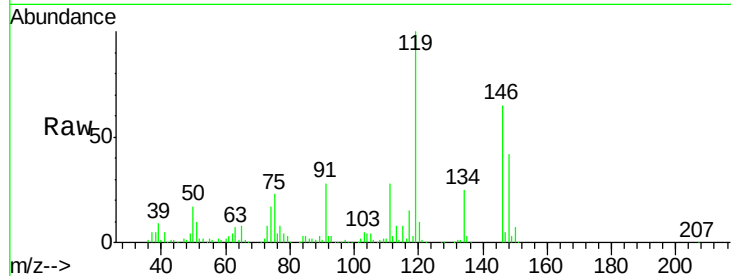
#87  
 1,3-Dichlorobenzene  
 Concen: 19.380 ug/l  
 RT: 13.26 min Scan# 3582  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1001WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 118648 |       |       |
| 111     | 42.7  | 21.5   | 64.5  |       |
| 148     | 63.2  | 31.1   | 93.3  |       |

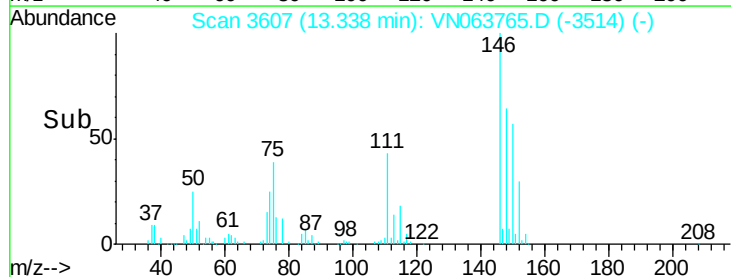
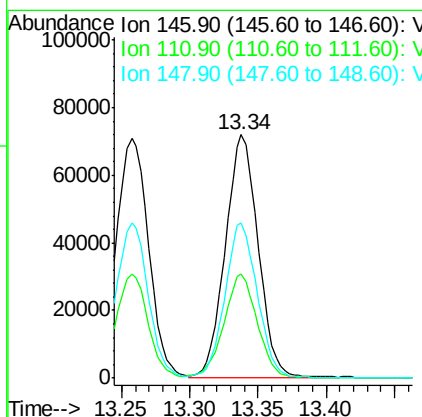
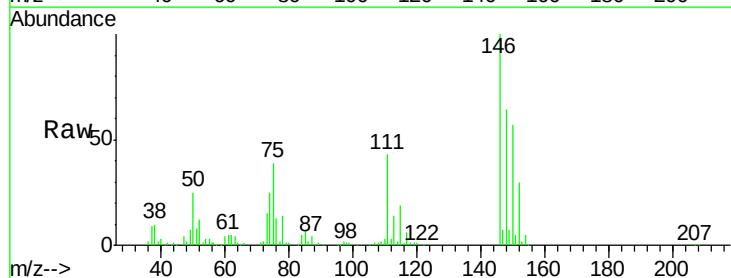
Manual Integrations  
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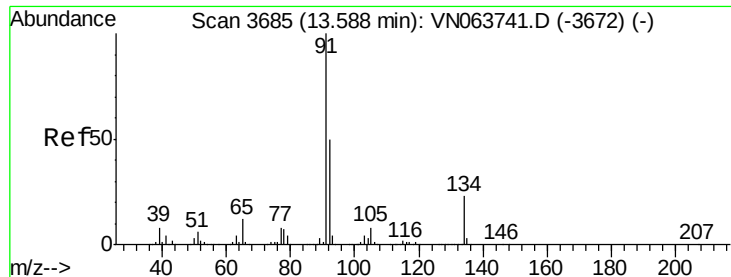
MMDadoda  
 10/2/2020 3:11:14 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 18.754 ug/l  
 RT: 13.34 min Scan# 3607  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 119545 |       |       |
| 111     | 43.4  | 21.3   | 63.7  |       |
| 148     | 62.9  | 32.0   | 96.0  |       |





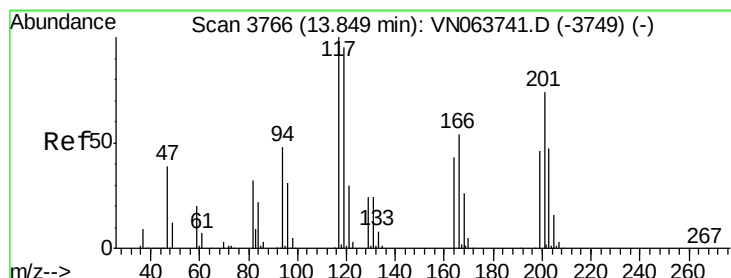
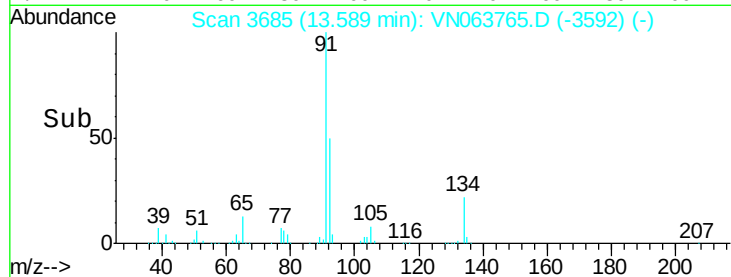
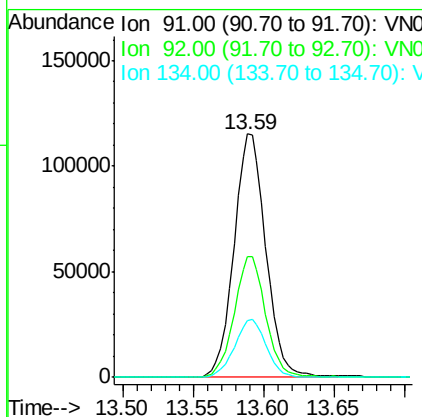
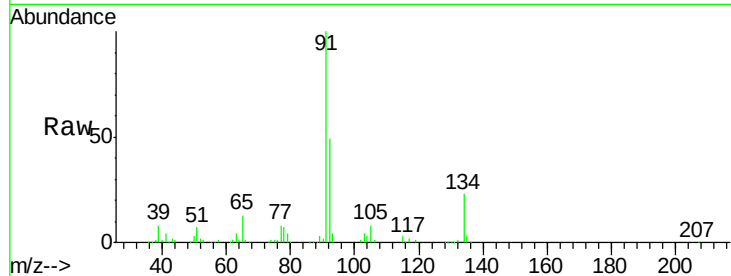
#89  
n-Butylbenzene  
Concen: 17.960 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1001WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 49.0  | 25.4  | 76.4  |
| 134     | 23.7  | 11.7  | 35.1  |

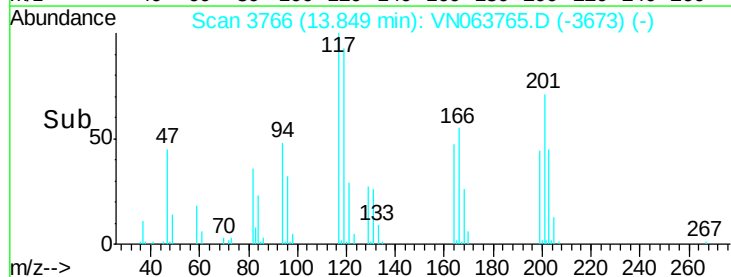
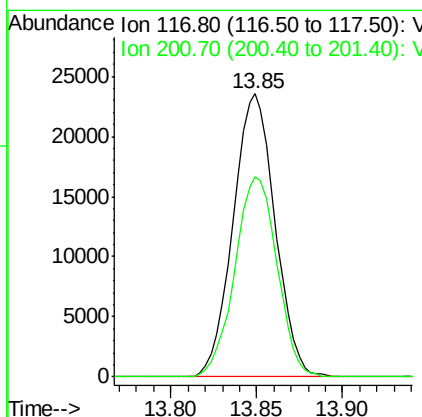
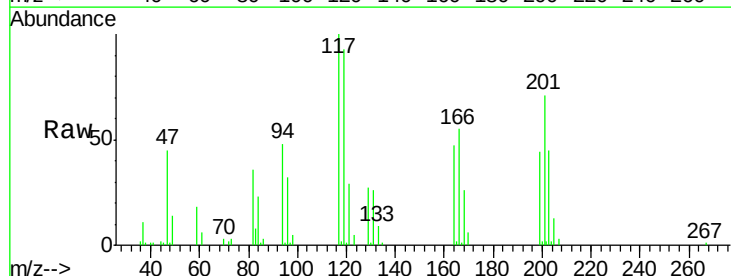
Manual Integrations  
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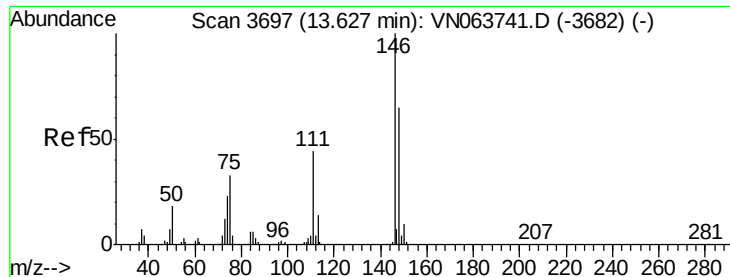
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#90  
Hexachloroethane  
Concen: 18.773 ug/l  
RT: 13.85 min Scan# 3766  
Delta R.T. 0.00 min  
Lab File: VN063765.D  
Acq: 1 Oct 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 70.9  | 36.0  | 108.0 |





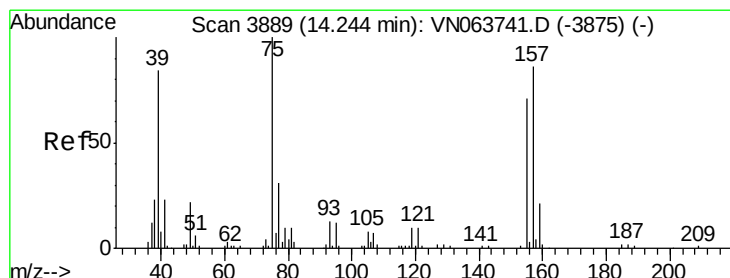
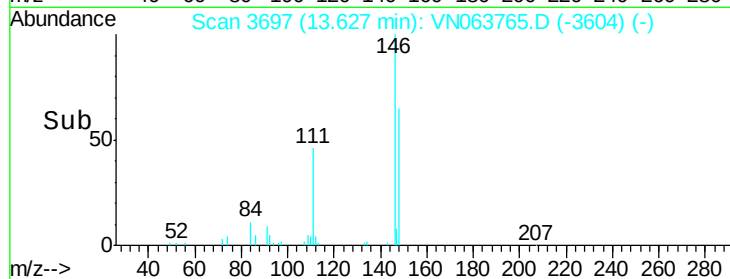
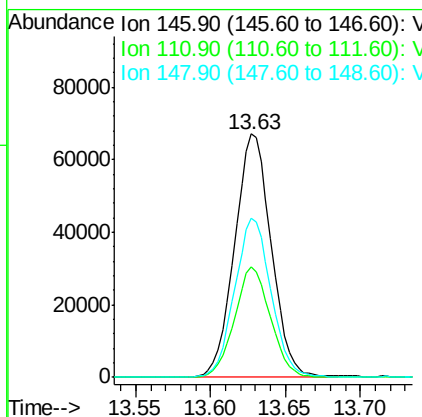
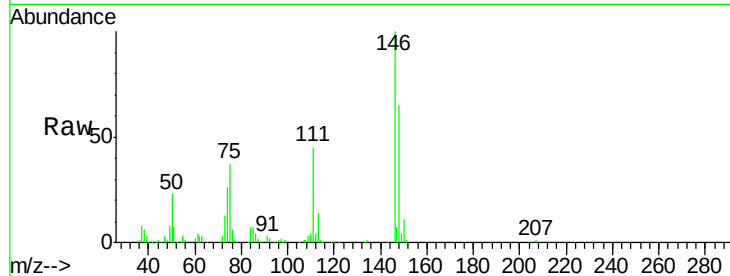
#91  
 1,2-Dichlorobenzene  
 Concen: 18.881 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1001WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.4  | 22.2  | 66.6  |
| 148     | 64.9  | 32.5  | 97.4  |

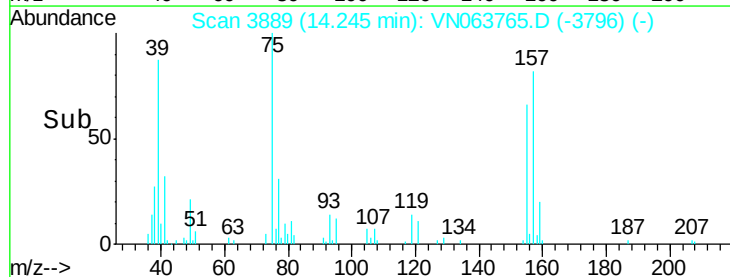
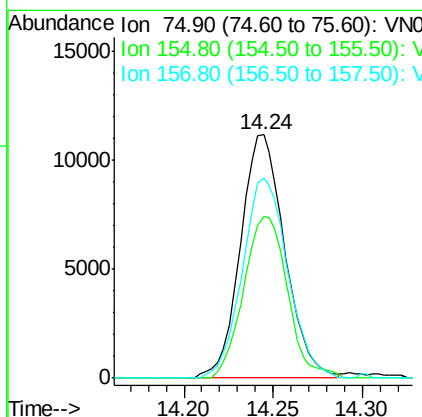
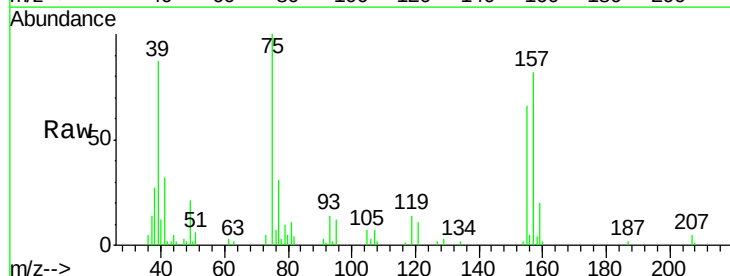
Manual Integrations  
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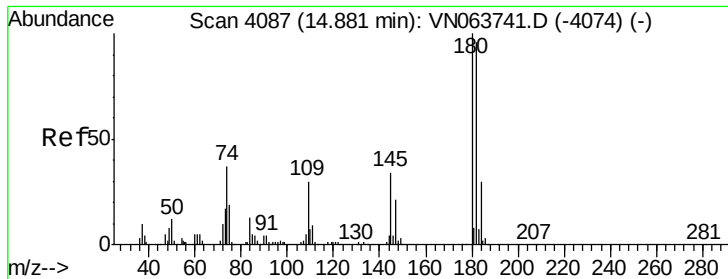
MMDadoda  
 10/2/2020 3:11:14 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.620 ug/l  
 RT: 14.24 min Scan# 3889  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 65.9  | 34.8  | 104.5 |
| 157     | 84.4  | 43.7  | 131.1 |





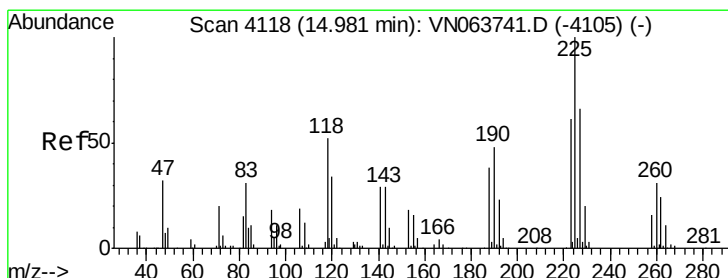
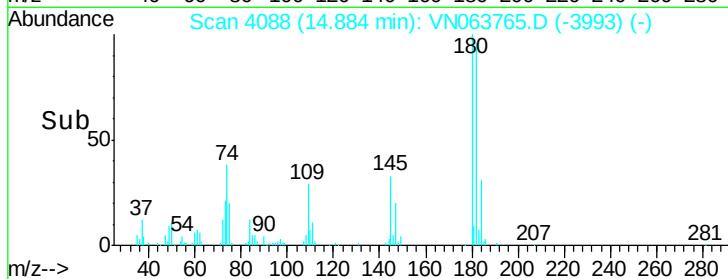
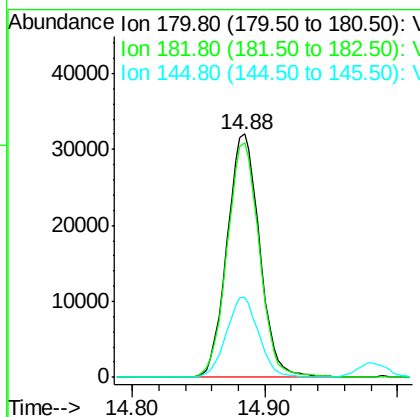
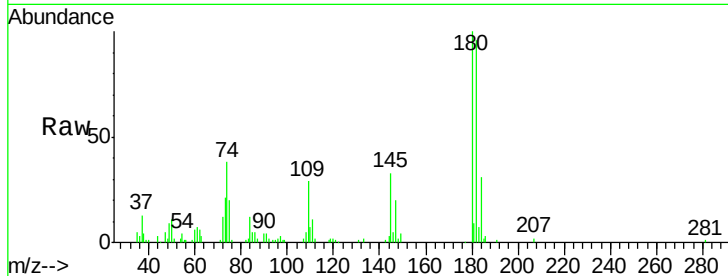
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.728 ug/l  
 RT: 14.88 min Scan# 4088  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1001WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.4  | 48.2  | 144.6 |
| 145     | 32.6  | 17.1  | 51.2  |

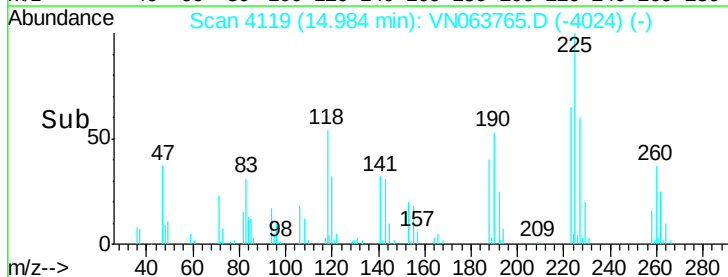
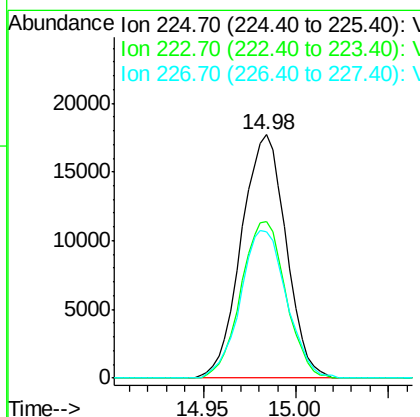
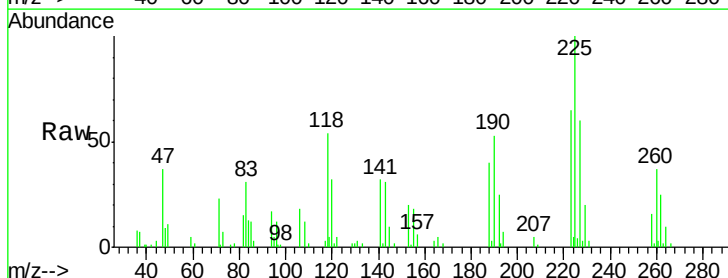
Manual Integrations  
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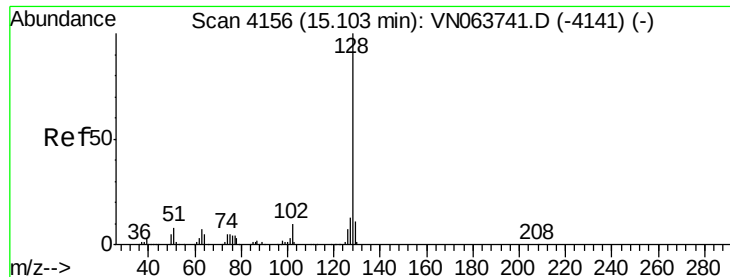
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 10/2/2020 3:11:14 PM



#94  
 Hexachlorobutadiene  
 Concen: 18.173 ug/l  
 RT: 14.98 min Scan# 4119  
 Delta R.T. 0.00 min  
 Lab File: VN063765.D  
 Acq: 1 Oct 2020 12:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.1  | 30.3  | 91.0  |
| 227     | 62.5  | 31.9  | 95.5  |





#95

Naphthalene

Concen: 18.927 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA\_N

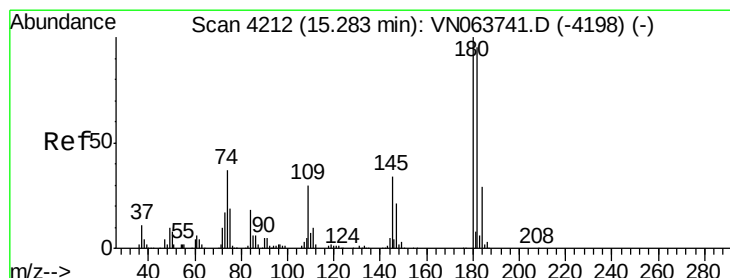
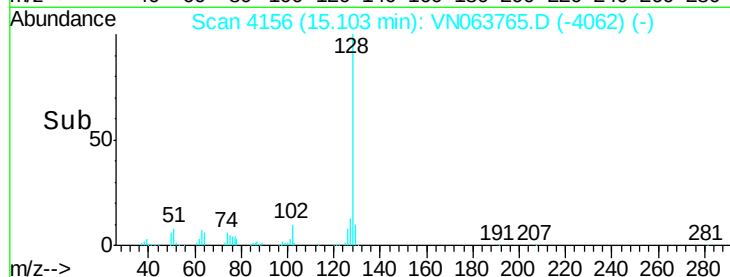
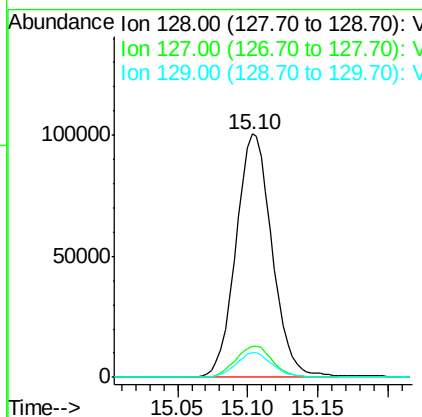
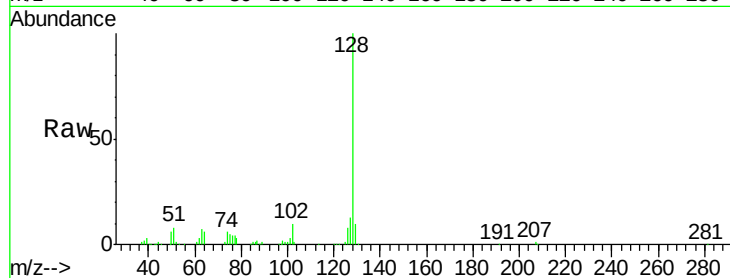
ClientSampleId :

VN1001WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 180411 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.2  | 10.5  | 15.7   |
| 129       | 10.2  | 8.7   | 13.1   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 18.052 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 54423 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.8  | 47.9  | 143.6 |
| 145       | 33.7  | 17.2  | 51.5  |

