

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\  
 Data File : VN063867.D  
 Acq On : 5 Oct 2020 13:45  
 Operator : JC/MD  
 Sample : VN1005WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1005WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 10/6/2020 12:56:42 PM

Quant Time: Oct 06 02:08:48 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      | 7.63  | 168  | 269897   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 445371   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 415323   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 193353   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 7.99   | 65  | 232241   | 52.09 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 104.18% |      |
| 35) Dibromofluoromethane    | 7.55   | 113 | 161290   | 52.19 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 104.38% |      |
| 50) Toluene-d8              | 10.06  | 98  | 593433   | 50.66 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.32% |      |
| 62) 4-Bromofluorobenzene    | 12.38  | 95  | 219313   | 49.80 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.60%  |      |

| Target Compounds              |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 50869  | 17.862  | ug/l | 99     |
| 3) Chloromethane              | 2.04 | 50  | 61111  | 18.288  | ug/l | 97     |
| 4) Vinyl Chloride             | 2.17 | 62  | 59406  | 17.711  | ug/l | 99     |
| 5) Bromomethane               | 2.53 | 94  | 40288  | 19.095  | ug/l | 98     |
| 6) Chloroethane               | 2.68 | 64  | 38972  | 19.444  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 100275 | 18.849  | ug/l | 97     |
| 8) Diethyl Ether              | 3.38 | 74  | 34047  | 18.924  | ug/l | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 53225  | 18.719  | ug/l | 97     |
| 10) Methyl Iodide             | 3.91 | 142 | 64273  | 19.468  | ug/l | 98     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 47896  | 97.295  | ug/l | 97     |
| 12) 1,1-Dichloroethene        | 3.70 | 96  | 51084  | 18.796  | ug/l | 99     |
| 13) Acrolein                  | 3.57 | 56  | 30903  | 102.283 | ug/l | 100    |
| 14) Allyl chloride            | 4.28 | 41  | 98255  | 19.460  | ug/l | 96     |
| 15) Acrylonitrile             | 4.93 | 53  | 136294 | 96.724  | ug/l | 98     |
| 16) Acetone                   | 3.77 | 43  | 131685 | 95.939  | ug/l | 98     |
| 17) Carbon Disulfide          | 4.01 | 76  | 129716 | 18.112  | ug/l | 97     |
| 18) Methyl Acetate            | 4.28 | 43  | 73648  | 20.666  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 186270 | 18.865  | ug/l | 98     |
| 20) Methylene Chloride        | 4.50 | 84  | 63956  | 20.401  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 56229  | 18.471  | ug/l | 99     |
| 22) Diisopropyl ether         | 5.90 | 45  | 204515 | 19.687  | ug/l | 95     |
| 23) Vinyl Acetate             | 5.85 | 43  | 840640 | 97.689  | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 112538 | 18.946  | ug/l | 98     |
| 25) 2-Butanone                | 6.78 | 43  | 193100 | 99.230  | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 103190 | 18.971  | ug/l | 96     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 65417  | 18.685  | ug/l | 97     |
| 28) Bromochloromethane        | 7.15 | 49  | 61993  | 21.117  | ug/l | 100    |
| 29) Tetrahydrofuran           | 7.16 | 42  | 129263 | 99.040  | ug/l | 99     |
| 30) Chloroform                | 7.33 | 83  | 120144 | 19.399  | ug/l | 92     |
| 31) Cyclohexane               | 7.62 | 56  | 96903  | 18.720  | ug/l | # 95   |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 108880 | 19.491  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.76 | 75  | 83831  | 18.579  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 82776  | 18.465  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 95970  | 18.968  | ug/l | 93     |

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 Sample : VN1005WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN1005WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 10/6/2020 12:56:42 PM

Quant Time: Oct 06 02:08:48 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   | 77420    | 17.206  | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 243773   | 18.915  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.13  | 41   | 35620    | 17.879  | ug/l # | 82       |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 107485   | 19.538  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 143130   | 19.357  | ug/l # | 91       |
| 44) Trichloroethene            | 8.80  | 130  | 63781    | 18.889  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 67968    | 19.528  | ug/l   | 99       |
| 46) Dibromomethane             | 9.17  | 93   | 45973    | 19.147  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.37  | 83   | 102196   | 20.652  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.17  | 41   | 73527    | 20.127  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 19113    | 368.127 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 437668   | 100.863 | ug/l   | 100      |
| 52) Toluene                    | 10.13 | 92   | 151911   | 19.057  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 99976    | 18.848  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 106652   | 19.225  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 62122    | 19.433  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 87422    | 19.293  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 104734   | 19.365  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 236371   | 97.518  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.72 | 43   | 312777   | 97.032  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.87 | 129  | 71598    | 19.232  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 63894    | 19.539  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 60713    | 18.895  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.41 | 112  | 163563   | 19.199  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 65653    | 20.101  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.48 | 91   | 289512   | 18.675  | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.59 | 106  | 212146   | 36.718  | ug/l   | 97       |
| 69) o-Xylene                   | 11.92 | 106  | 103247   | 19.119  | ug/l   | 100      |
| 70) Styrene                    | 11.94 | 104  | 174494   | 19.035  | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 46384    | 18.569  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.22 | 105  | 271157   | 19.227  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.04 | 43   | 118641   | 19.514  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 87336    | 20.251  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 83497m   | 19.590  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 69424    | 20.062  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.57 | 91   | 305224   | 18.596  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 193785   | 19.197  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 227582   | 19.235  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 28247    | 19.087  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 203355   | 19.406  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.97 | 119  | 183703   | 18.981  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.02 | 105  | 231481   | 19.596  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.15 | 105  | 235214   | 18.504  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 210244   | 18.696  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 118674   | 18.956  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 116353   | 17.850  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.59 | 91   | 174692   | 16.831  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 40249    | 18.470  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 116413   | 18.774  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 18370    | 18.163  | ug/l   | 100      |

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Sample : VN1005WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

Manual Integrations  
APPROVED

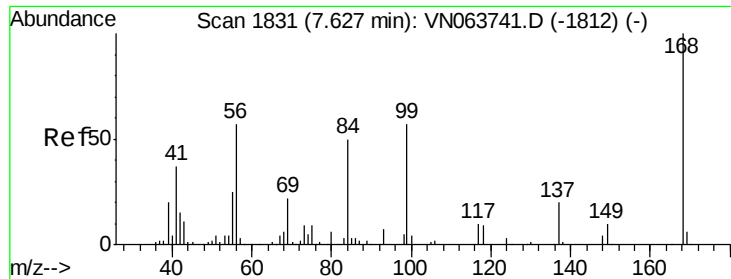
MMDadoda  
10/6/2020 12:56:42 PM

Quant Time: Oct 06 02:08:48 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  | 54221    | 17.258 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 30577    | 18.229 | ug/l  | 93       |
| 95) Naphthalene            | 15.11 | 128  | 157012   | 16.395 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 51966    | 16.960 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

ClientSampleId :

VN1005WBSD01

Tot Ion:168 Resp: 269897

Ion Ratio Lower Upper

168 100

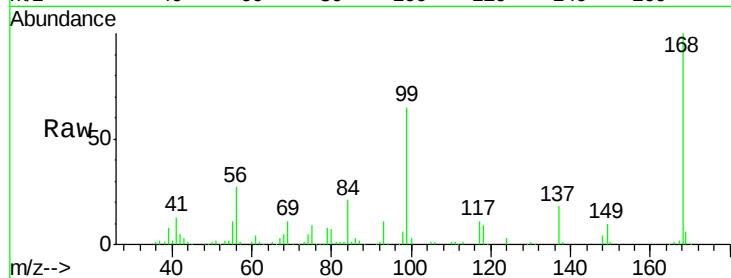
99 64.1 51.8 77.6

Manual Integrations

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10/6/2020 12:56:42 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

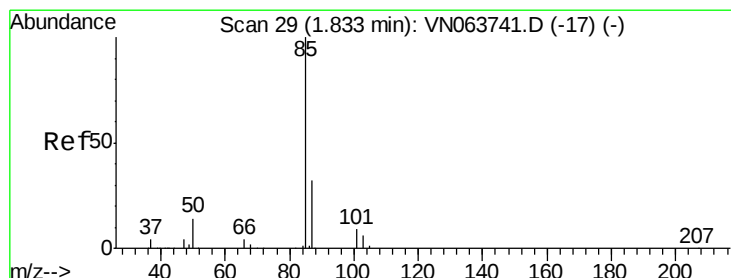
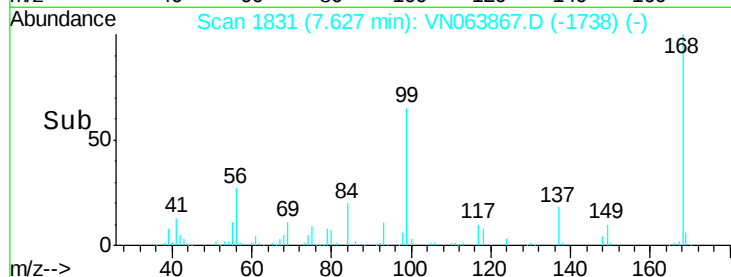
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.862 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063867.D

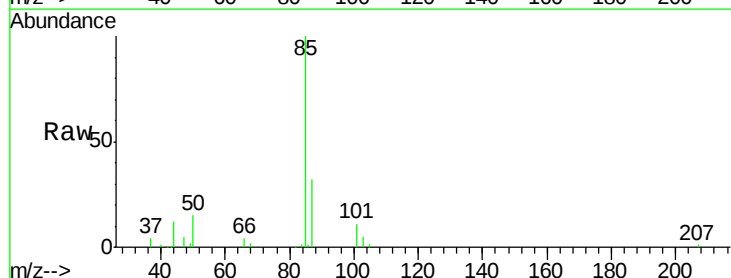
Acq: 5 Oct 2020 13:45

Tgt Ion: 85 Resp: 50869

Ion Ratio Lower Upper

85 100

87 31.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

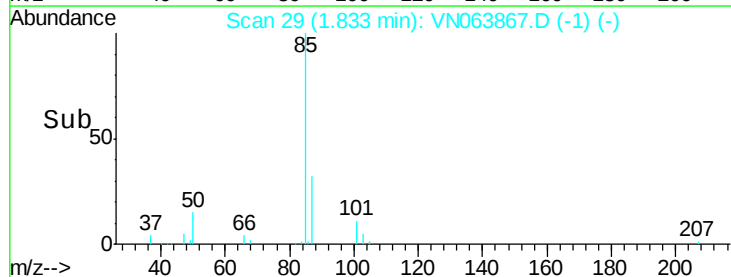
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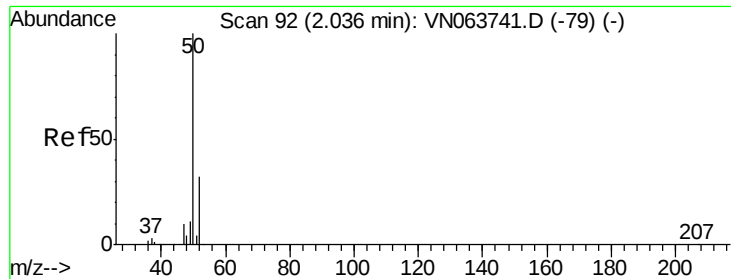
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.288 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

ClientSampleId :

VN1005WBSD01

Tot Ion: 50 Resp: 61111

Ion Ratio Lower Upper

50 100

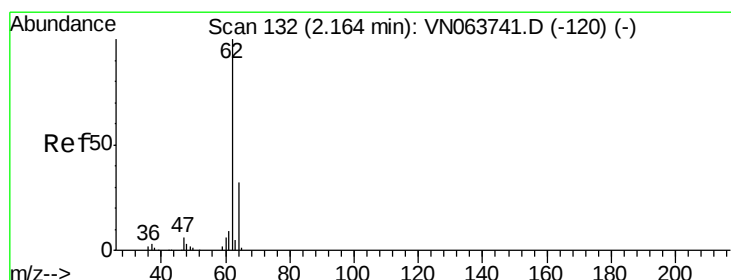
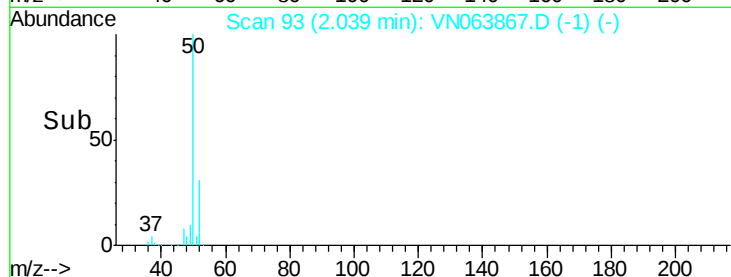
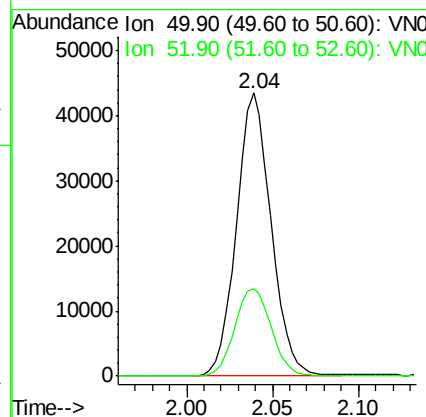
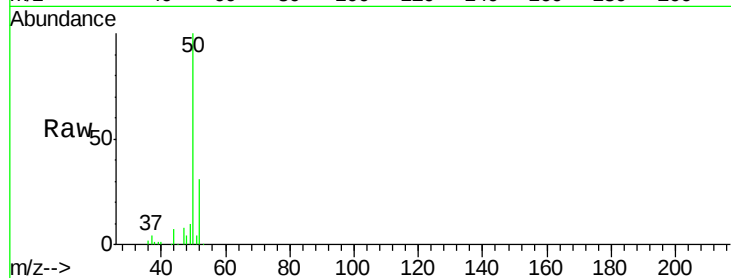
52 30.8 25.8 38.8

Manual Integrations

APPROVED

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10/6/2020 12:56:42 PM



#4

Vinyl Chloride

Concen: 17.711 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063867.D

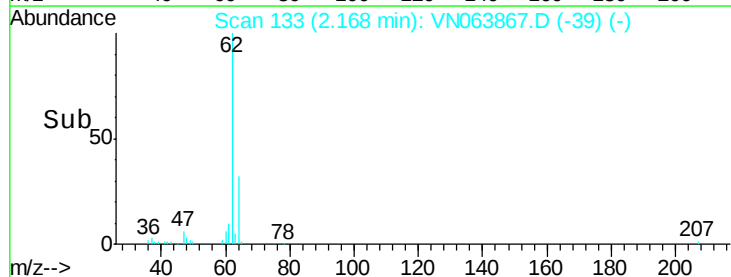
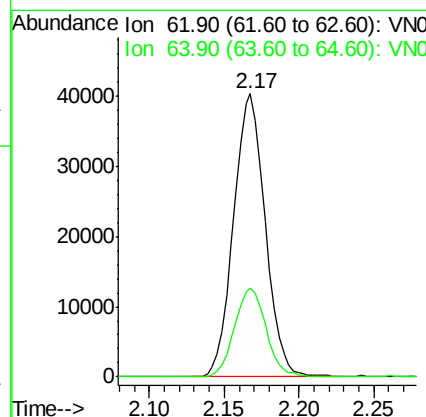
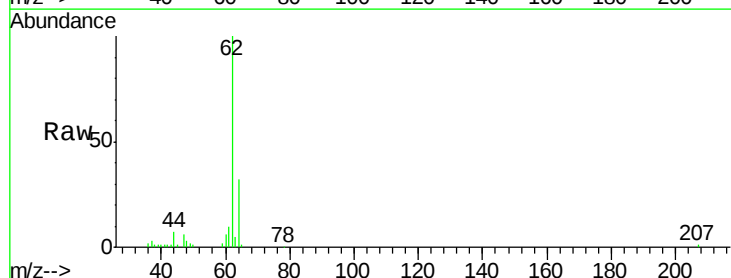
Acq: 5 Oct 2020 13:45

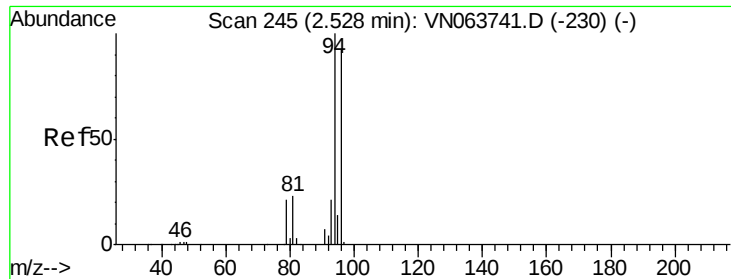
Tgt Ion: 62 Resp: 59406

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4





#5

Bromomethane

Concen: 19.095 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

ClientSampleId :

VN1005WBSD01

Tot Ion: 94 Resp: 40288

Ion Ratio Lower Upper

94 100

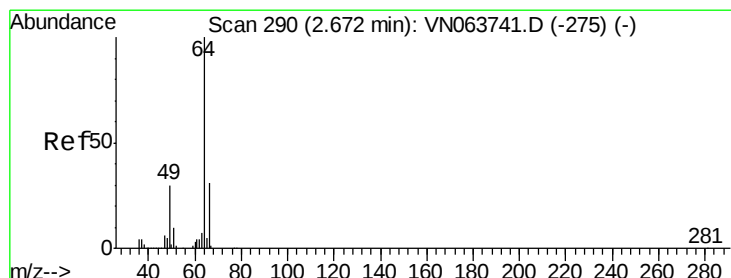
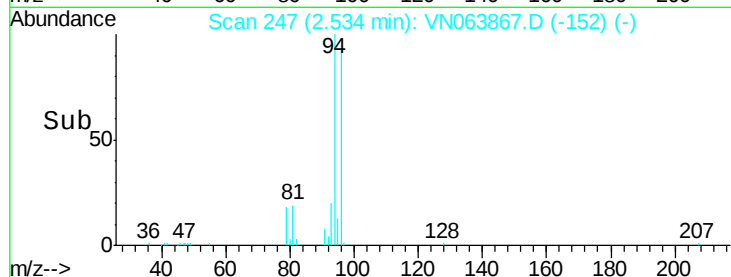
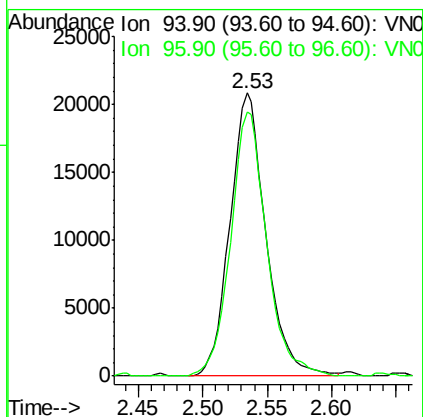
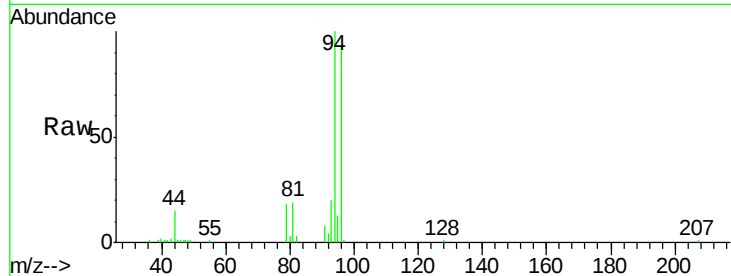
96 93.5 73.3 109.9

Manual Integrations

APPROVED

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10/6/2020 12:56:42 PM



#6

Chloroethane

Concen: 19.444 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063867.D

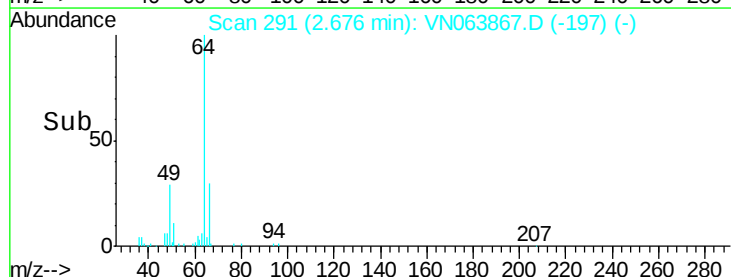
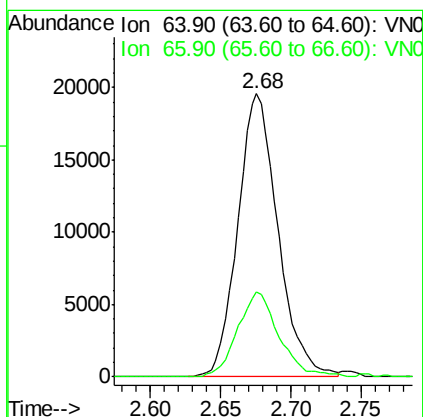
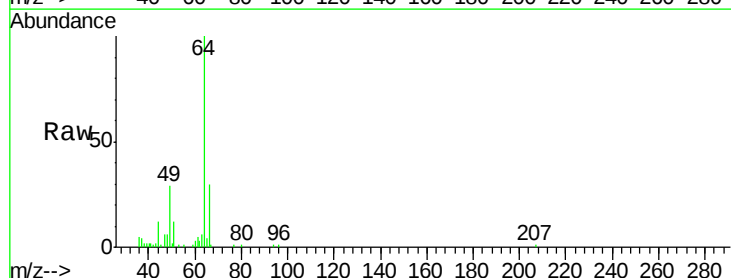
Acq: 5 Oct 2020 13:45

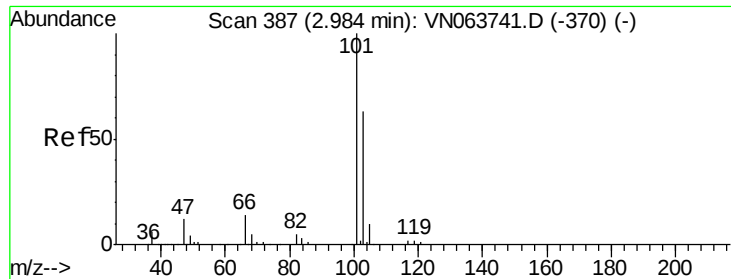
Tgt Ion: 64 Resp: 38972

Ion Ratio Lower Upper

64 100

66 29.9 25.1 37.7





#7

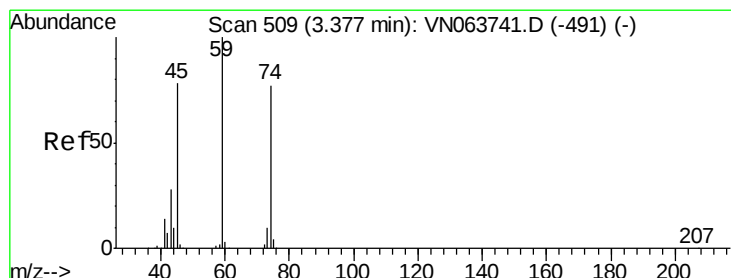
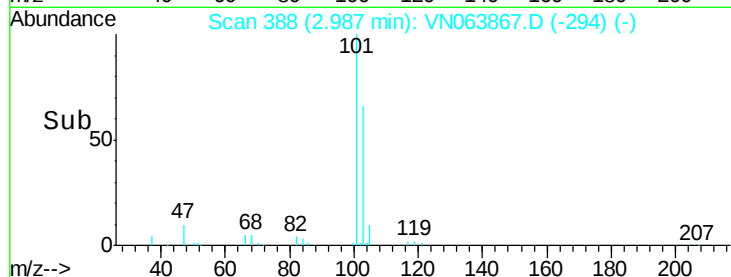
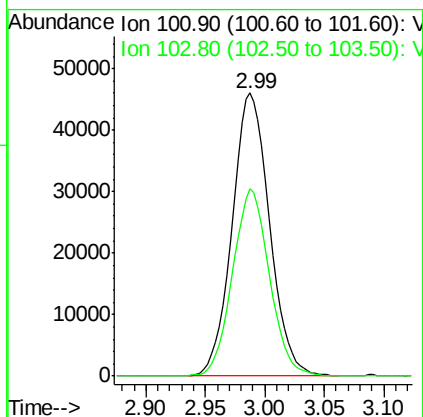
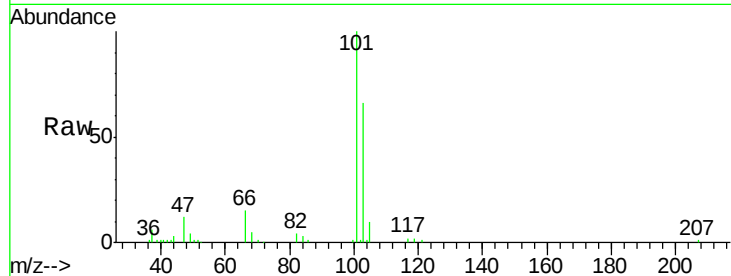
Trichlorofluoromethane  
 Concen: 18.849 ug/l  
 RT: 2.99 min Scan# 388  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.1  | 50.7  | 76.1  |

Manual Integrations  
 APPROVED

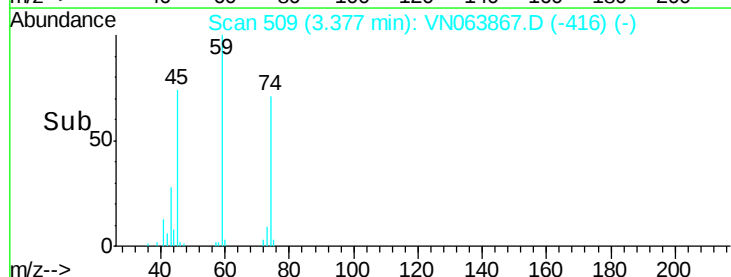
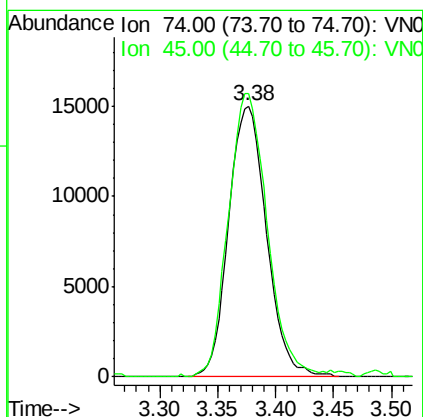
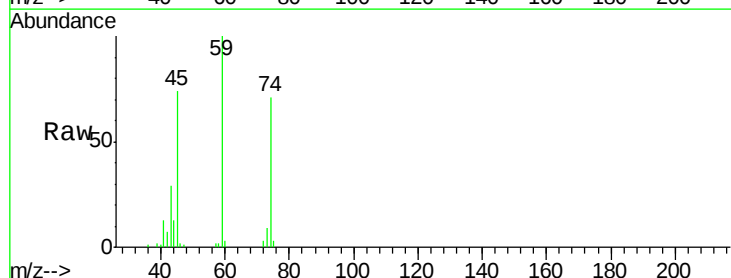
MMDadoda  
 10/6/2020 12:56:42 PM

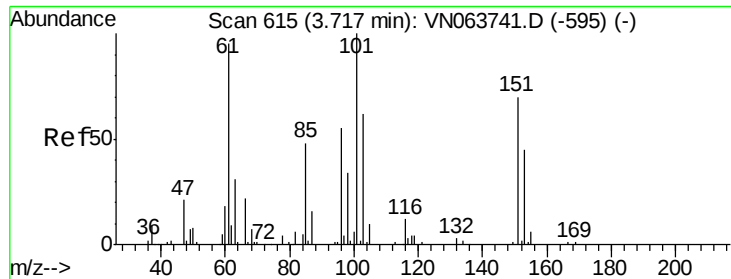


#8

Diethyl Ether  
 Concen: 18.924 ug/l  
 RT: 3.38 min Scan# 509  
 Delta R.T. -0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 107.1 | 50.9  | 152.8 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.719 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

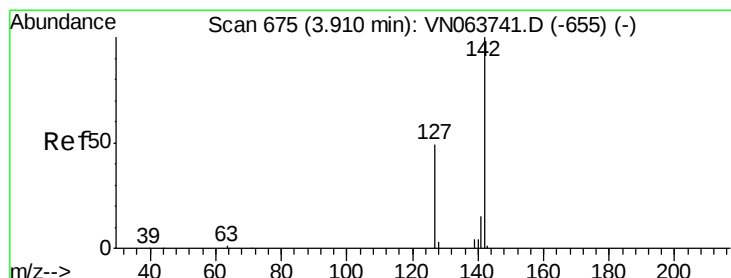
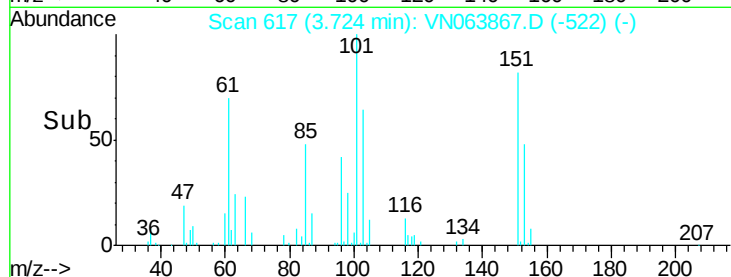
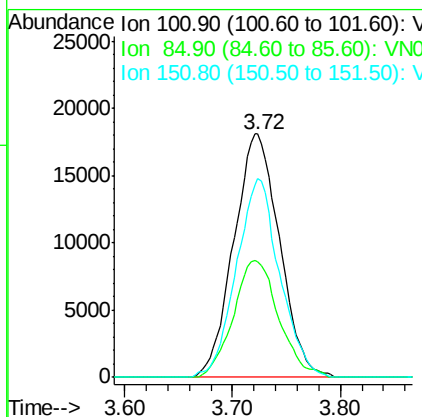
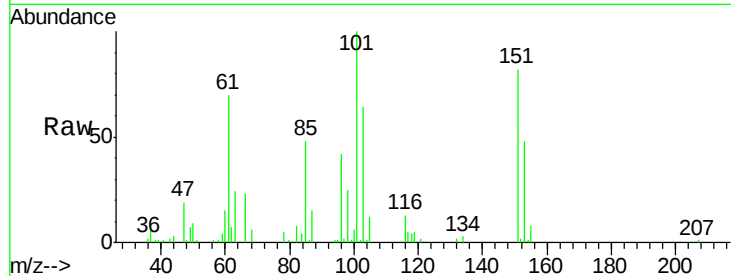
ClientSampleId :

VN1005WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 53225 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 47.8  | 38.6  | 58.0  |
| 151       | 77.4  | 58.7  | 88.1  |

Manual Integrations  
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10/6/2020 12:56:42 PM



#10

Methyl Iodide

Concen: 19.468 ug/l

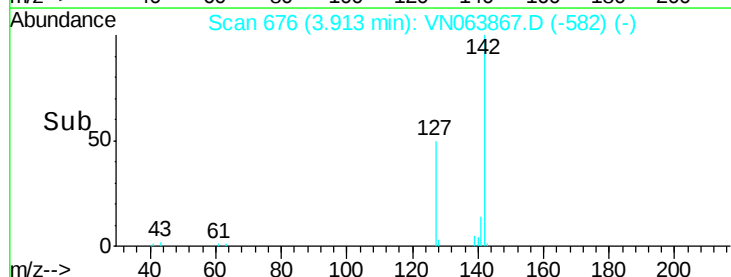
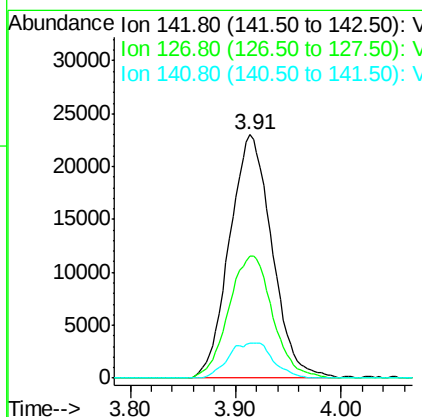
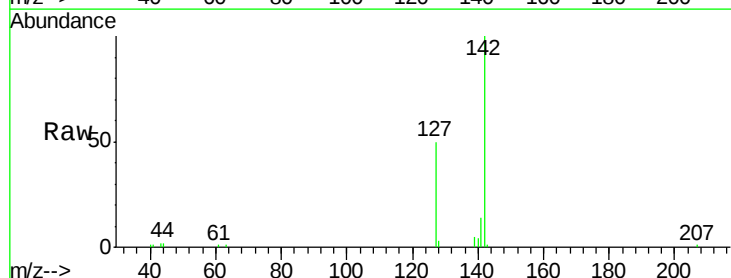
RT: 3.91 min Scan# 676

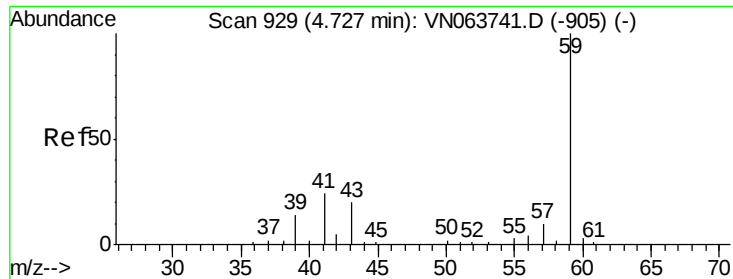
Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 64273 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 52.0  | 40.5  | 60.7  |
| 141       | 15.2  | 11.7  | 17.5  |





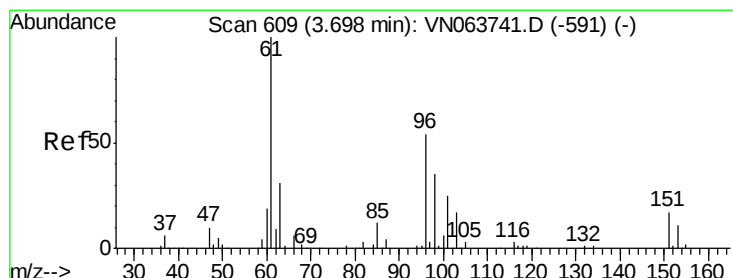
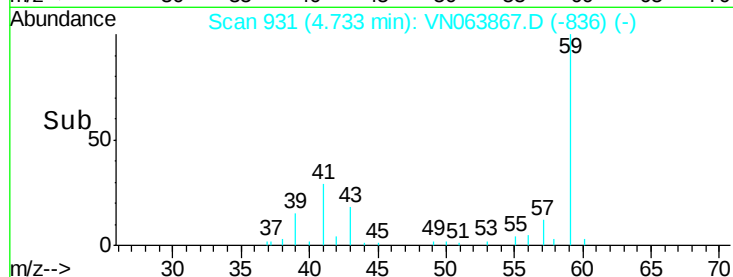
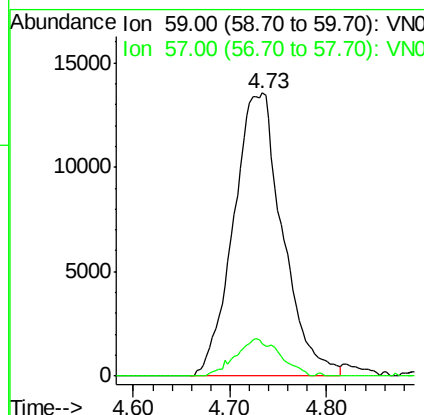
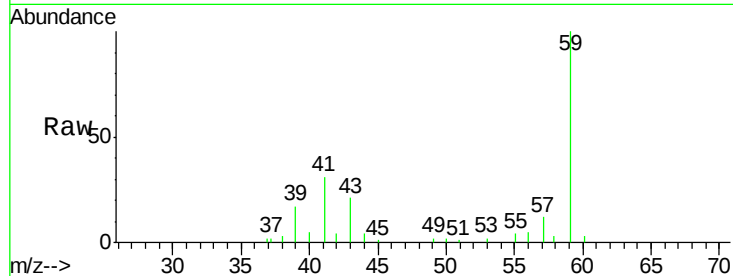
#11  
Tert butyl alcohol  
Concen: 97.295 ug/l  
RT: 4.73 min Scan# 931  
Delta R.T. 0.01 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

Tot Ion: 59 Resp: 47896  
Ion Ratio Lower Upper  
59 100  
57 11.9 8.7 13.1

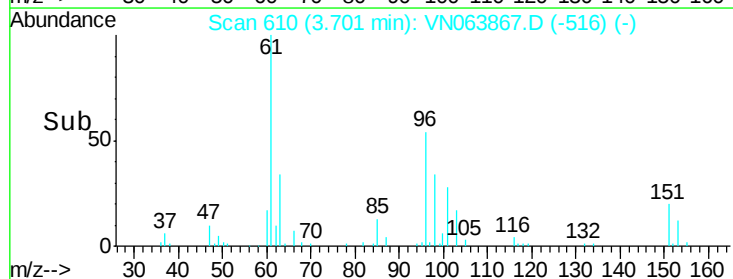
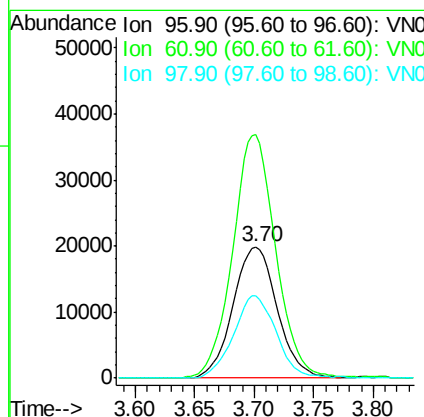
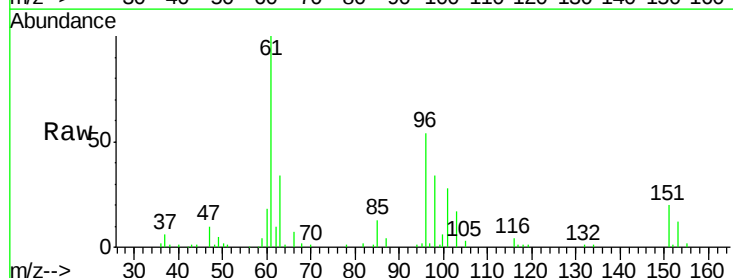
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APPROVED

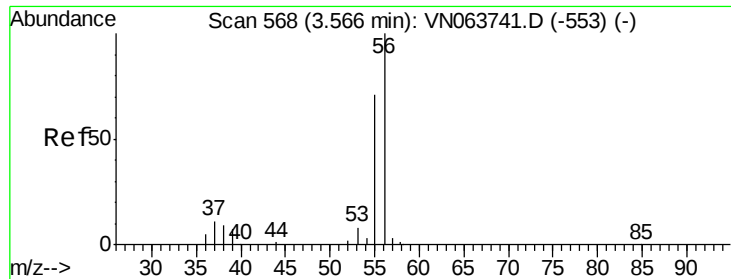
MMDadoda  
10/6/2020 12:56:42 PM



#12  
1,1-Dichloroethene  
Concen: 18.796 ug/l  
RT: 3.70 min Scan# 610  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Tgt Ion: 96 Resp: 51084  
Ion Ratio Lower Upper  
96 100  
61 184.0 147.7 221.5  
98 62.6 51.9 77.9





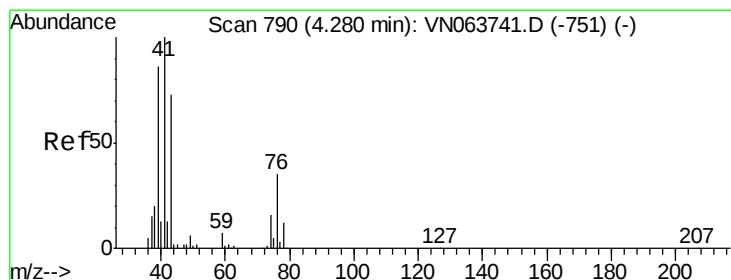
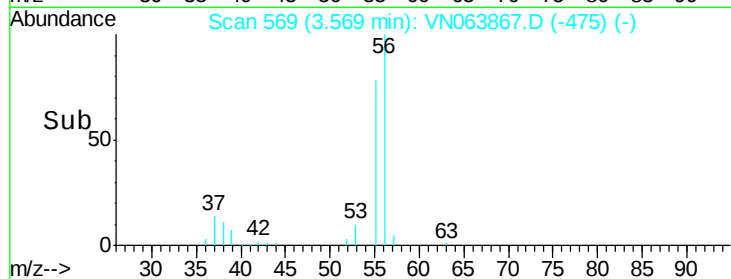
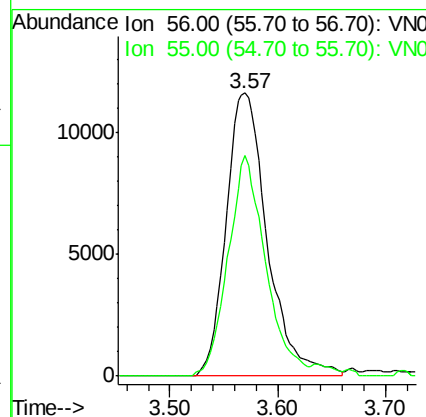
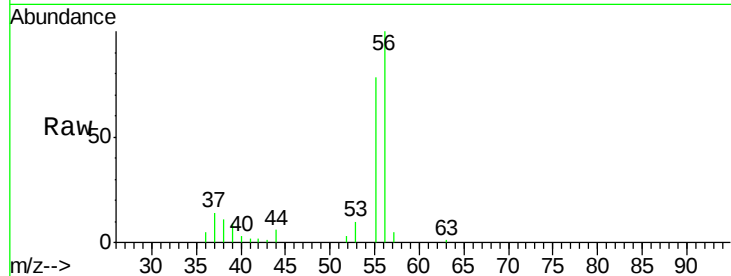
#13  
Acrolein  
Concen: 102.283 ug/l  
RT: 3.57 min Scan# 569  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

| Tot Ion | 56  | 55   | Ratio | Lower | Upper |
|---------|-----|------|-------|-------|-------|
| 30903   | 100 | 70.7 |       | 56.9  | 85.3  |

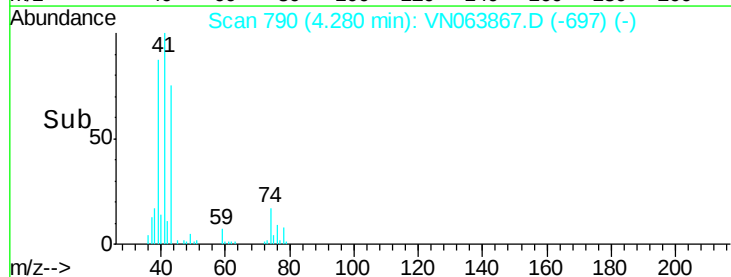
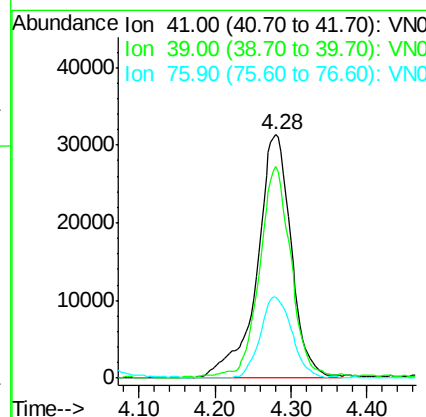
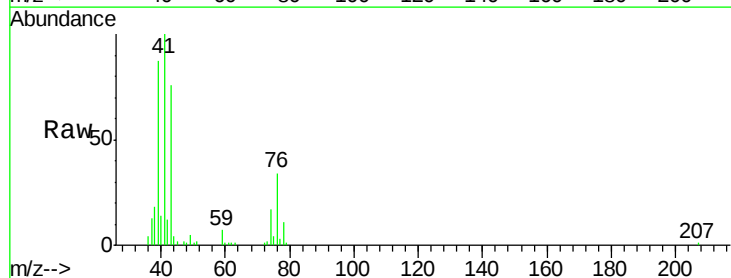
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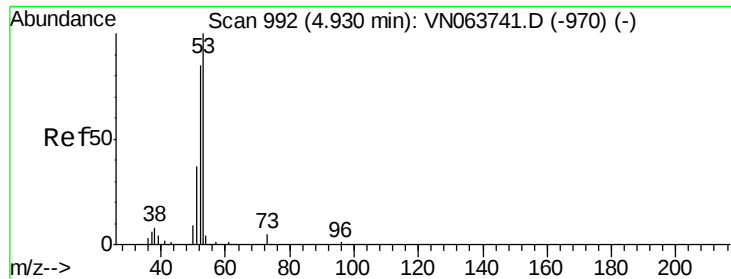
MMDadoda  
10/6/2020 12:56:42 PM



#14  
Allyl chloride  
Concen: 19.460 ug/l  
RT: 4.28 min Scan# 790  
Delta R.T. -0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

| Tgt Ion | 41  | 39   | 76   | Ratio | Lower | Upper |
|---------|-----|------|------|-------|-------|-------|
| 98255   | 100 | 76.8 | 31.0 |       | 64.5  | 96.7  |
|         |     |      |      |       | 25.9  | 38.9  |





#15

Acrylonitrile

Concen: 96.724 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

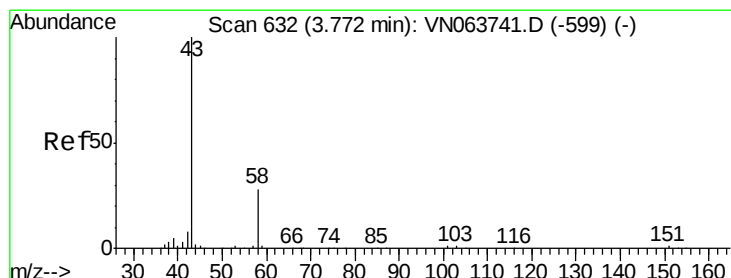
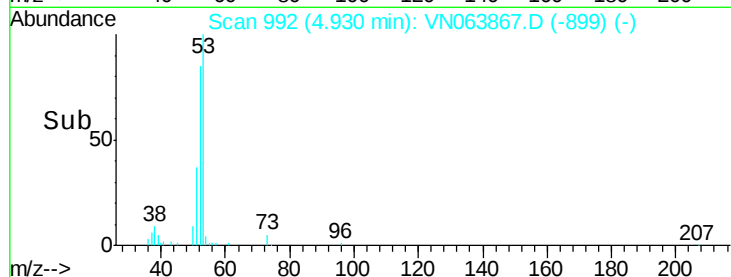
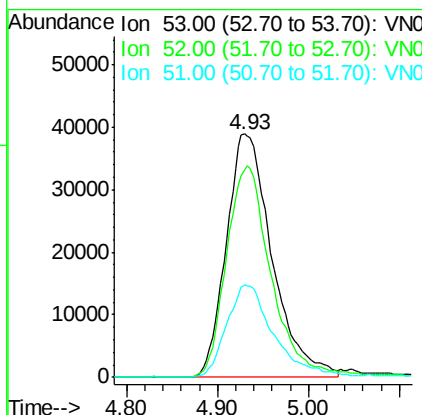
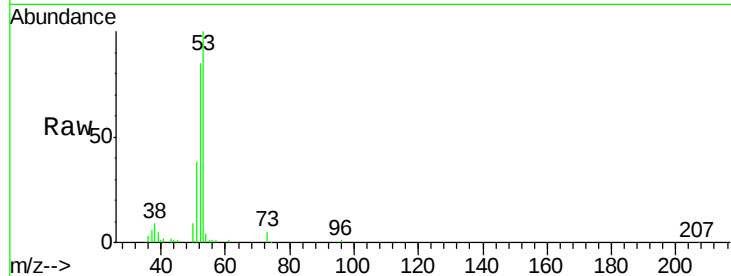
ClientSampleId :

VN1005WBSD01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 53      | 100  |       |       |       |
| 52      | 84.5 | 66.5  | 99.7  |       |
| 51      | 38.2 | 29.9  | 44.9  |       |

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10/6/2020 12:56:42 PM



#16

Acetone

Concen: 95.939 ug/l

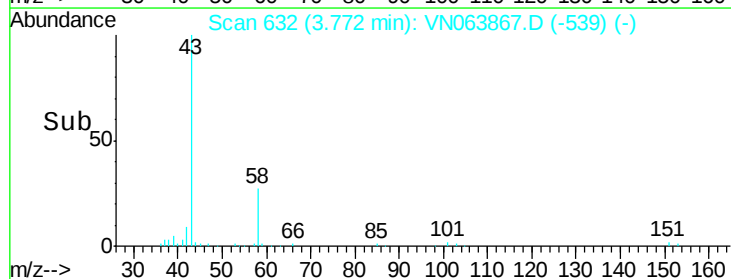
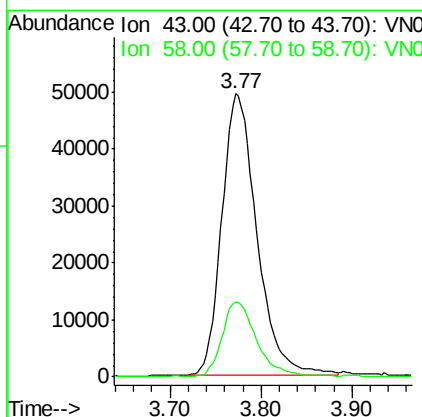
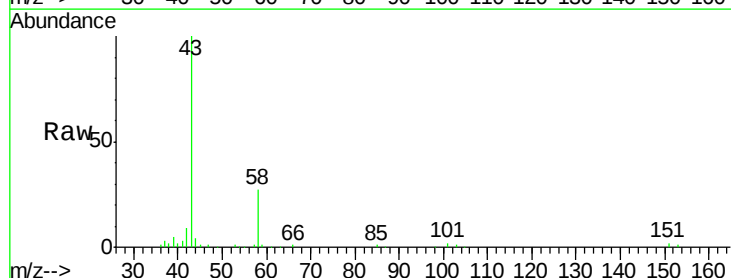
RT: 3.77 min Scan# 632

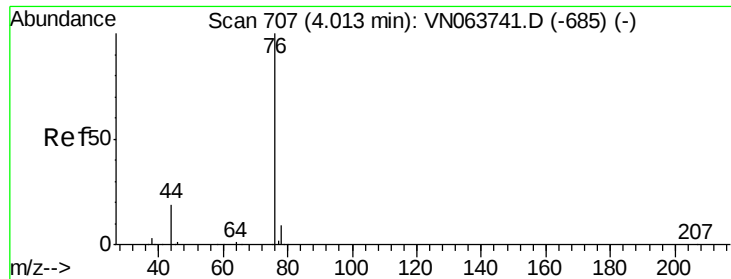
Delta R.T. -0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 43      | 100  |       |       |       |
| 58      | 26.7 | 22.3  | 33.5  |       |





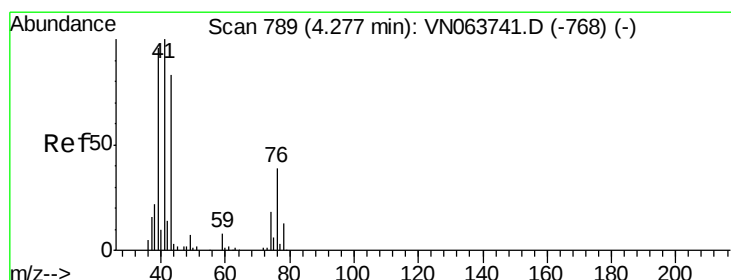
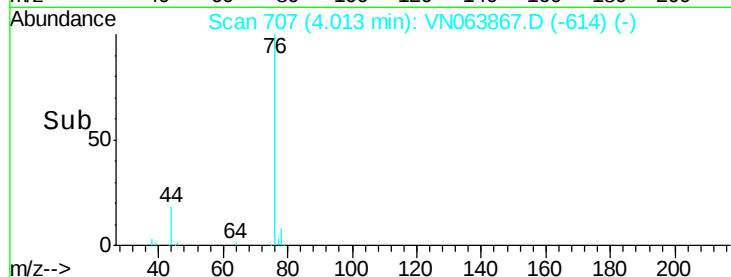
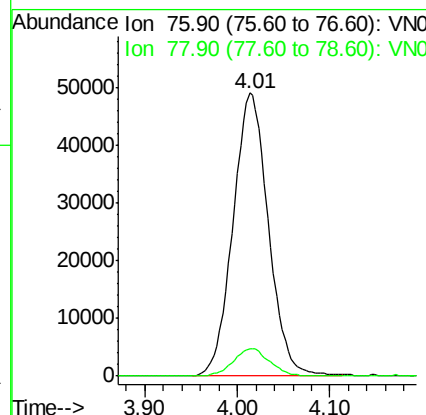
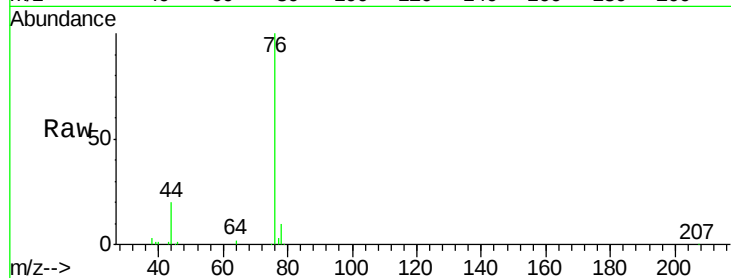
#17  
Carbon Disulfide  
Concen: 18.112 ug/l  
RT: 4.01 min Scan# 707  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.6   | 7.0   | 10.4  |

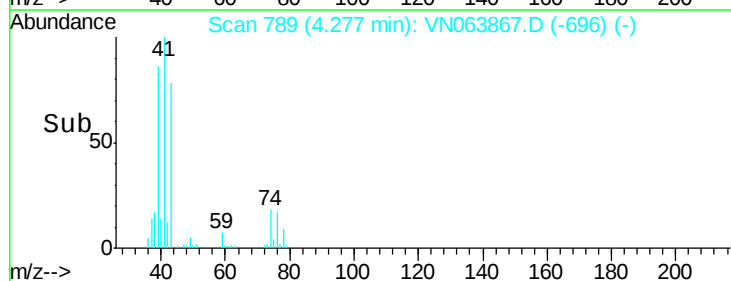
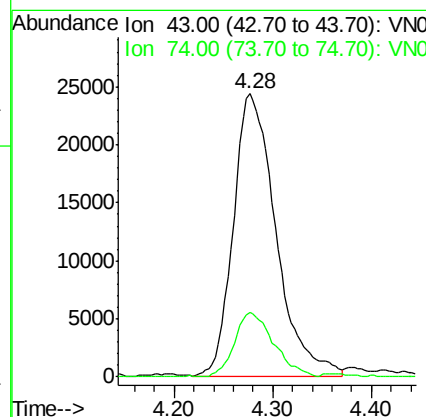
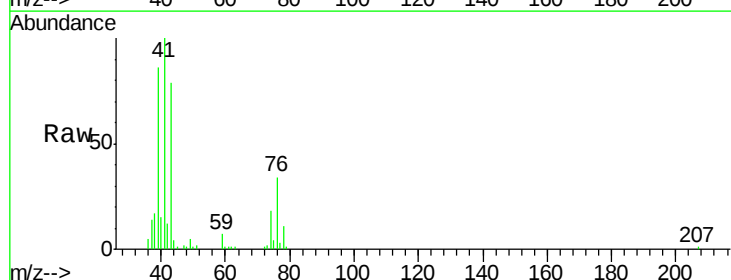
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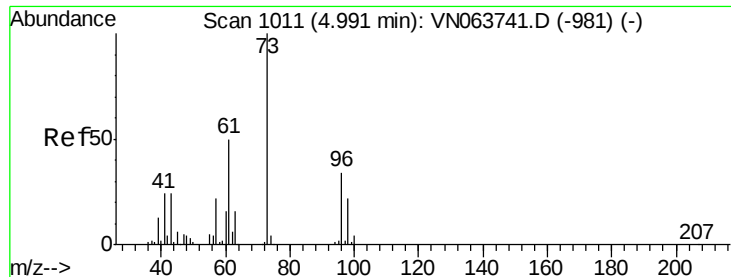
MMDadoda  
10/6/2020 12:56:42 PM



#18  
Methyl Acetate  
Concen: 20.666 ug/l  
RT: 4.28 min Scan# 789  
Delta R.T. -0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 20.8  | 17.4  | 26.2  |





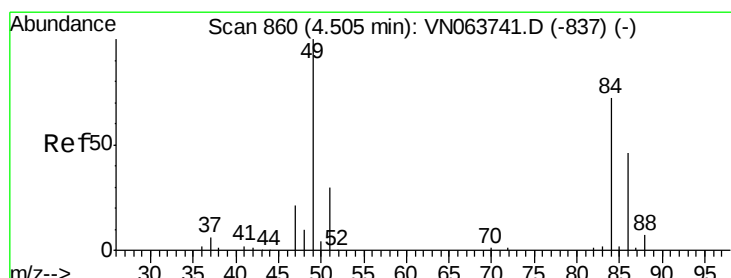
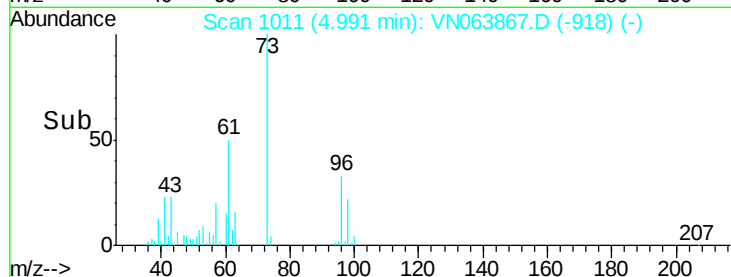
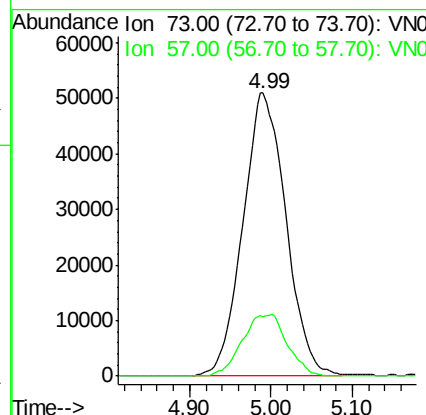
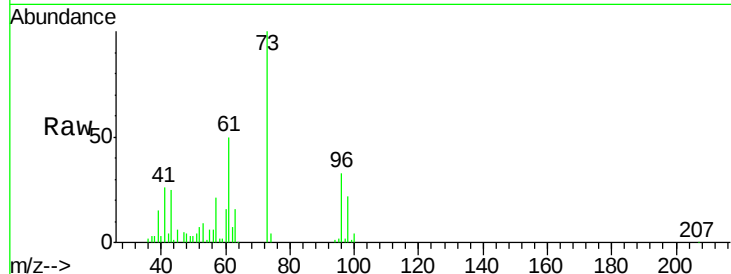
#19  
Methvl tert-butvl Ether  
Concen: 18.865 ug/l  
RT: 4.99 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

Tot Ion: 73 Resp: 186270  
Ion Ratio Lower Upper  
73 100  
57 21.2 17.6 26.4

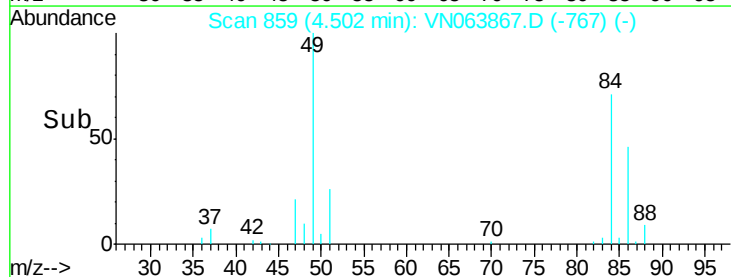
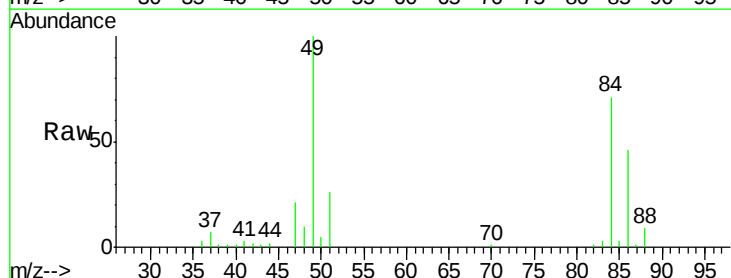
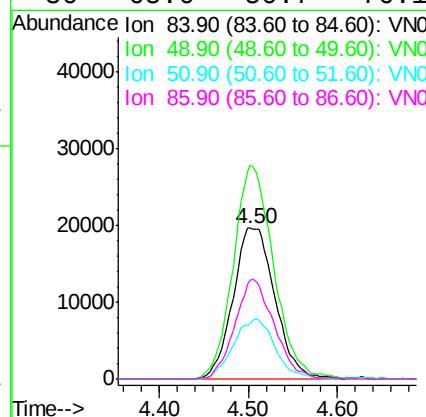
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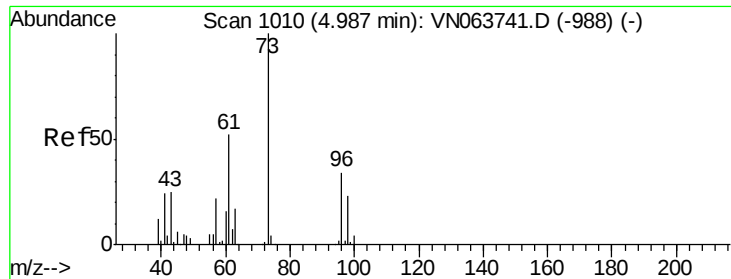
MMDadoda  
10/6/2020 12:56:42 PM



#20  
Methylene Chloride  
Concen: 20.401 ug/l  
RT: 4.50 min Scan# 859  
Delta R.T. -0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Tgt Ion: 84 Resp: 63956  
Ion Ratio Lower Upper  
84 100  
49 141.4 110.4 165.6  
51 36.8 33.3 49.9  
86 65.6 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 18.471 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

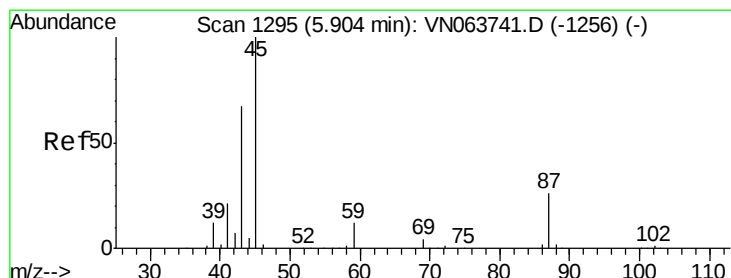
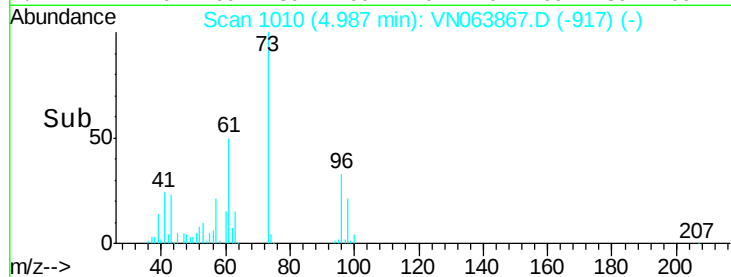
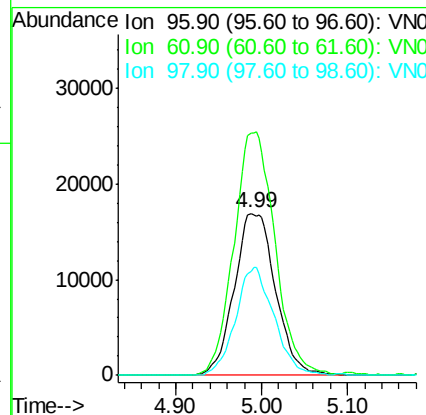
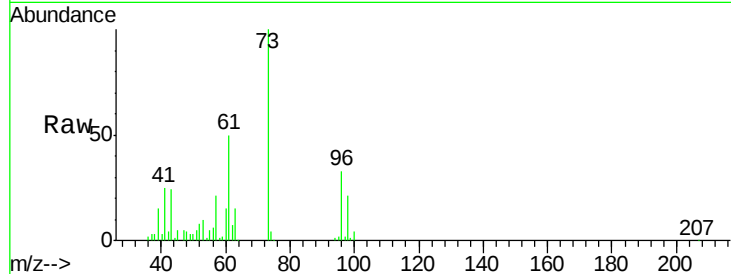
ClientSampled :

VN1005WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 56229 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 149.4 | 120.2 | 180.2 |
| 98       | 64.5  | 52.6  | 79.0  |

Manual Integrations  
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MMDadoda  
10/6/2020 12:56:42 PM



#22

Diisopropyl ether

Concen: 19.687 ug/l

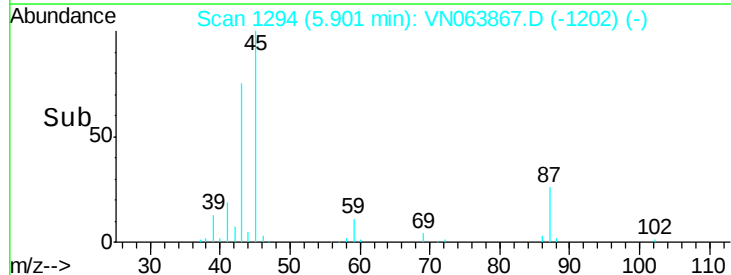
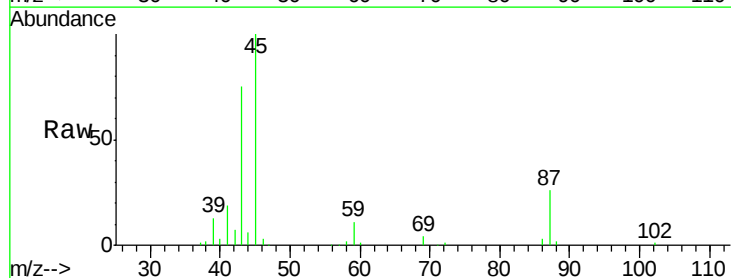
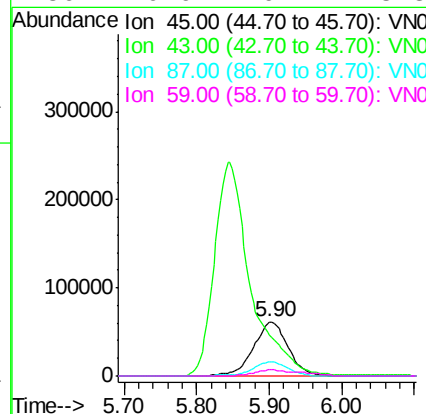
RT: 5.90 min Scan# 1294

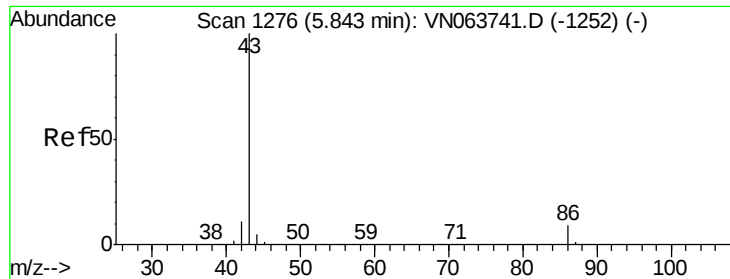
Delta R.T. -0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 204515 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 72.9  | 53.7  | 80.5   |
| 87       | 26.2  | 21.1  | 31.7   |
| 59       | 10.9  | 9.2   | 13.8   |





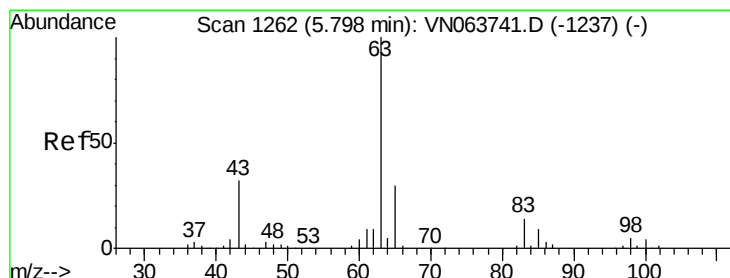
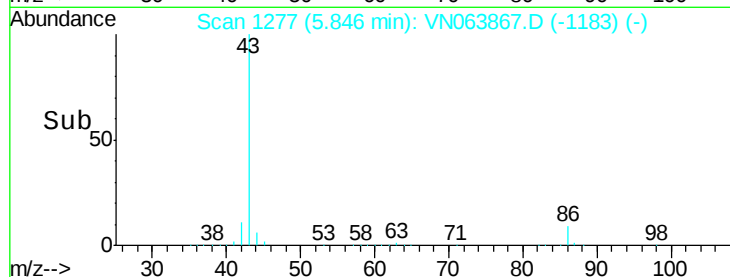
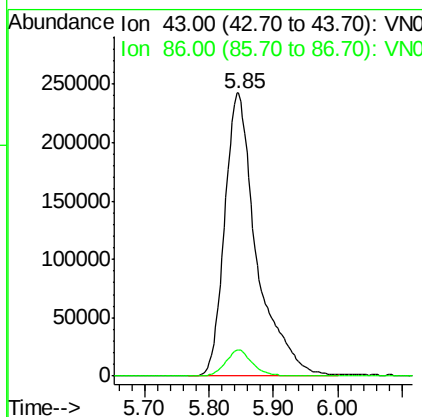
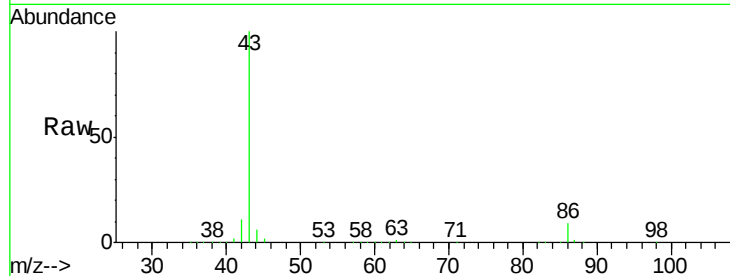
#23  
 Vinyl Acetate  
 Concen: 97.689 ug/l  
 RT: 5.85 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 86      | 9.4   | 7.3   | 10.9  |

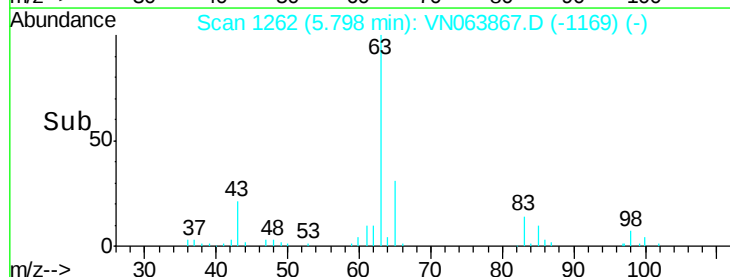
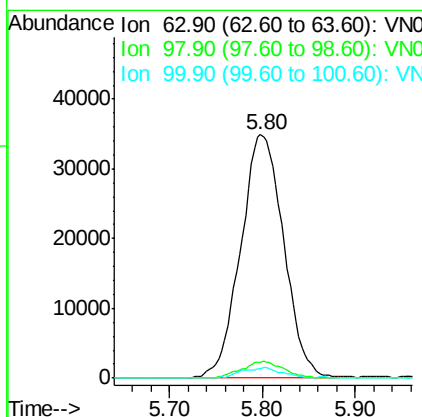
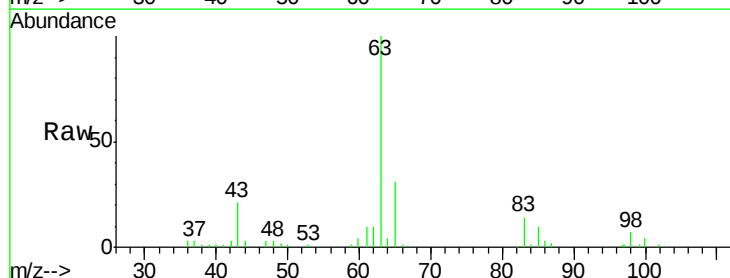
Manual Integrations  
 APPROVED

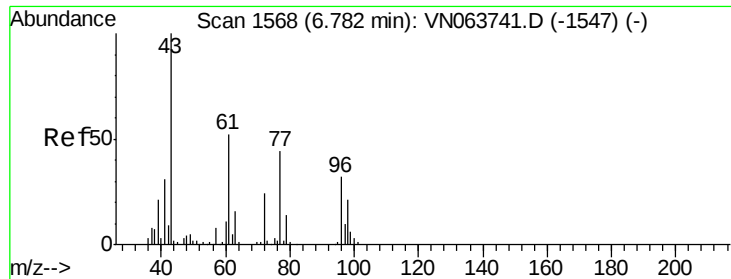
MMDadoda  
 10/6/2020 12:56:42 PM



#24  
 1,1-Dichloroethane  
 Concen: 18.946 ug/l  
 RT: 5.80 min Scan# 1262  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 98      | 6.7   | 2.7   | 8.1   |
| 100     | 3.8   | 1.9   | 5.7   |





#25

2-Butanone

Concen: 99.230 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

ClientSampled :

VN1005WBSD01

Tot Ion: 43 Resp: 193100

Ion Ratio Lower Upper

43 100

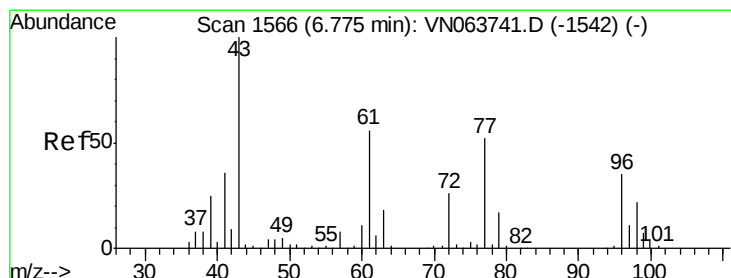
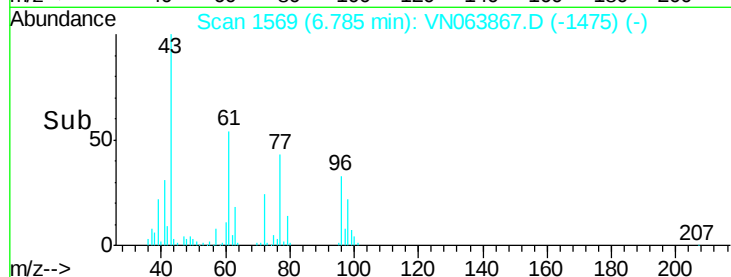
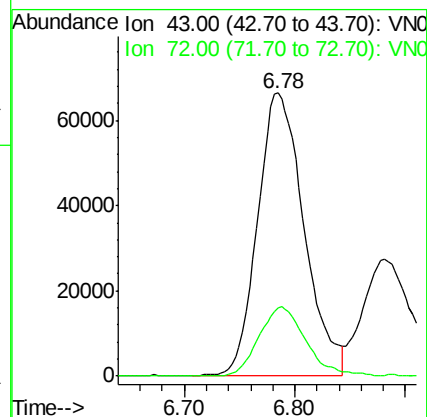
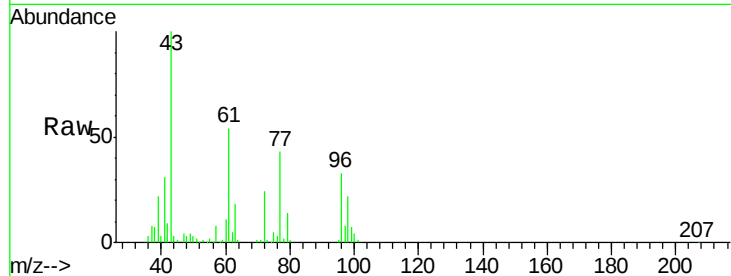
72 24.3 19.3 28.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.971 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063867.D

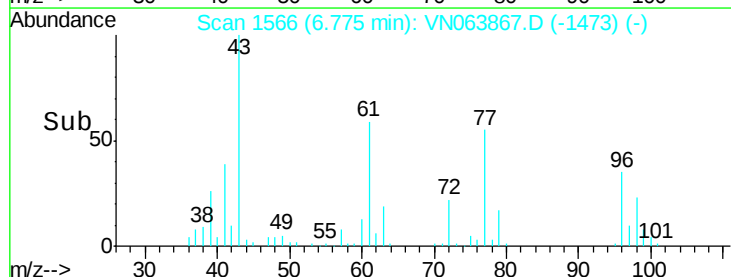
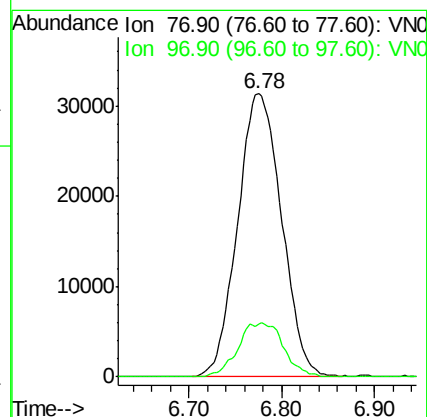
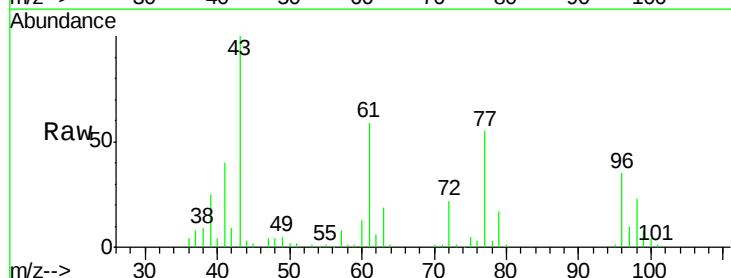
Acq: 5 Oct 2020 13:45

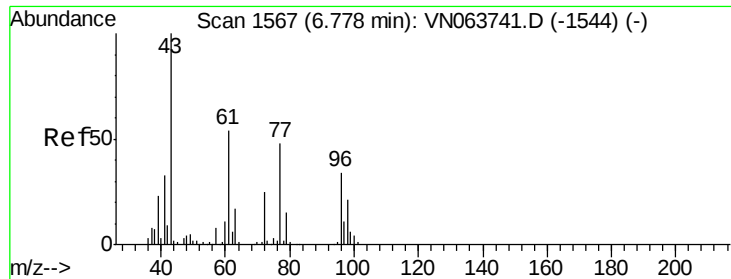
Tgt Ion: 77 Resp: 103190

Ion Ratio Lower Upper

77 100

97 19.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.685 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063867.D

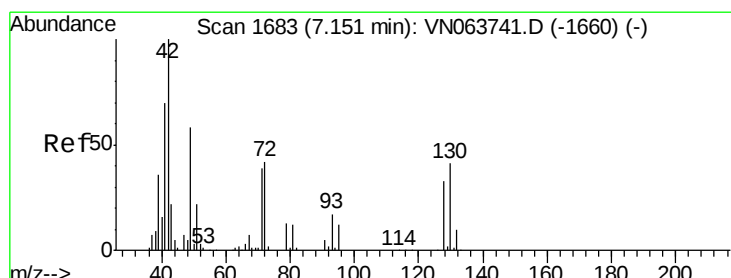
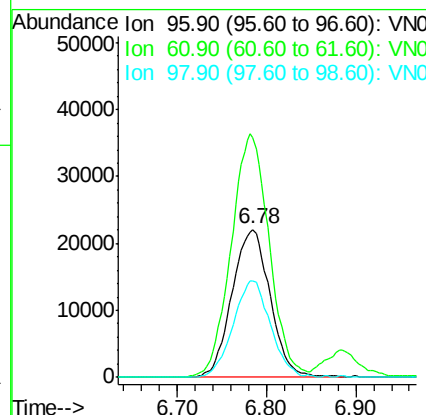
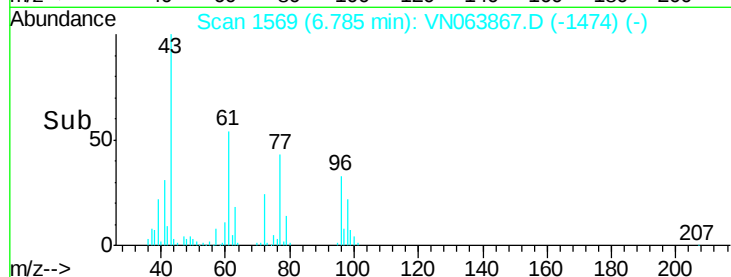
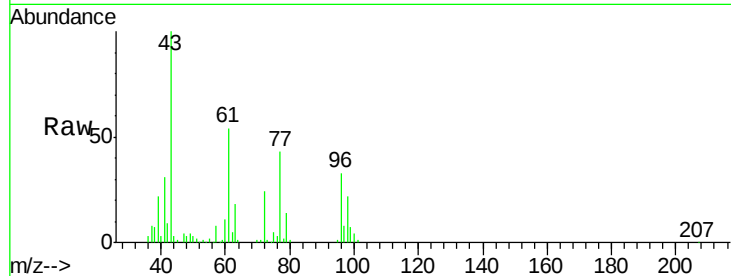
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 164.0 | 0.0   | 321.2 |
| 98      | 64.2  | 0.0   | 124.4 |

Manual Integrations  
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10/6/2020 12:56:42 PM



#28

Bromochloromethane

Concen: 21.117 ug/l

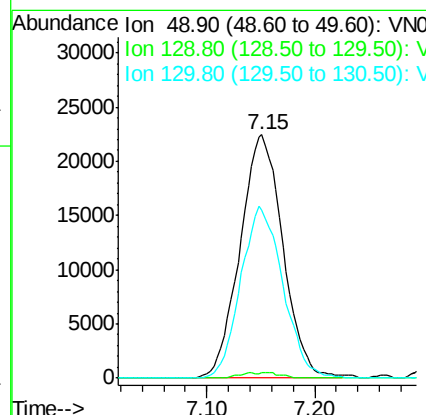
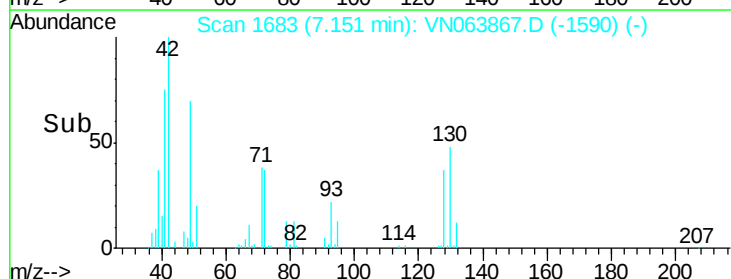
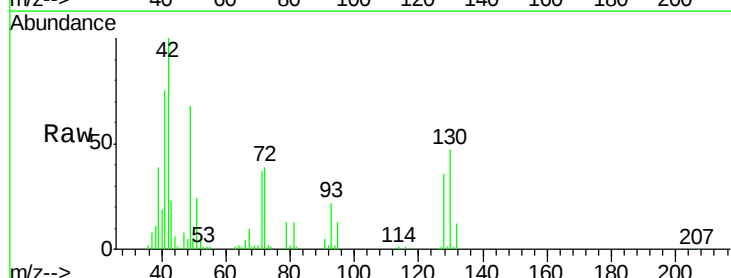
RT: 7.15 min Scan# 1683

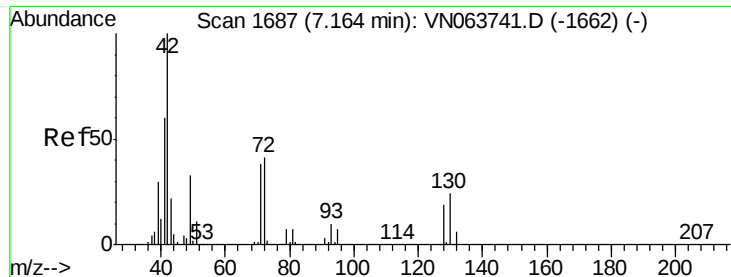
Delta R.T. -0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.0   | 0.0   | 4.8   |
| 130     | 69.4  | 55.6  | 83.4  |





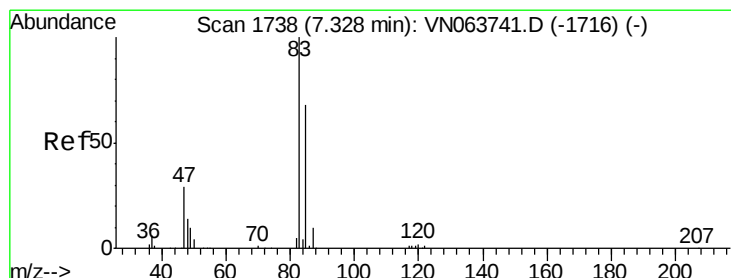
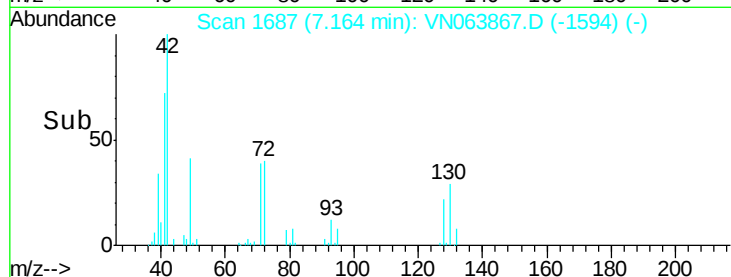
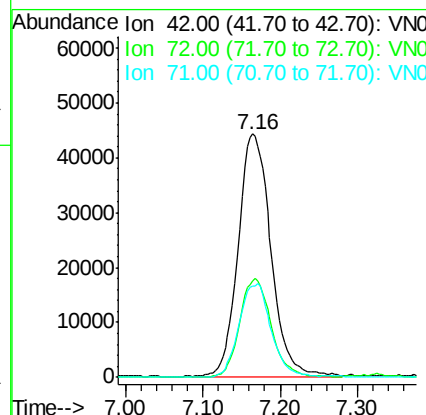
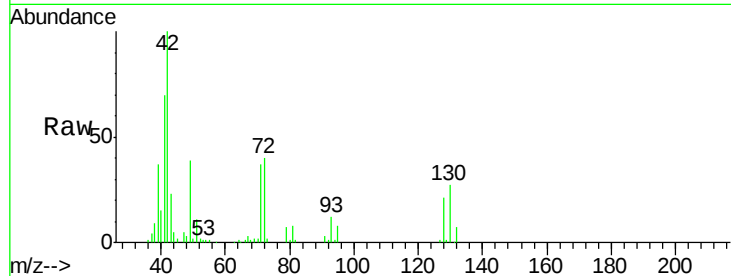
#29  
Tetrahydrofuran  
Concen: 99.040 ug/l  
RT: 7.16 min Scan# 1687  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 39.3  | 32.8  | 49.2  |
| 71      | 38.1  | 30.6  | 45.8  |

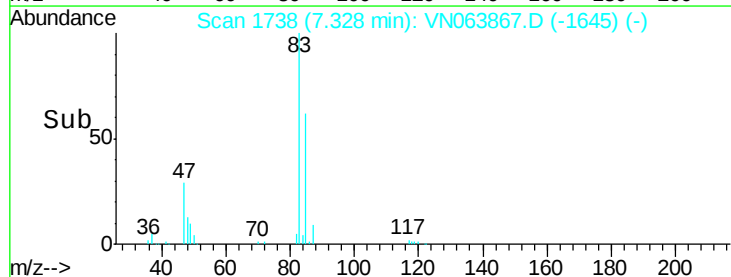
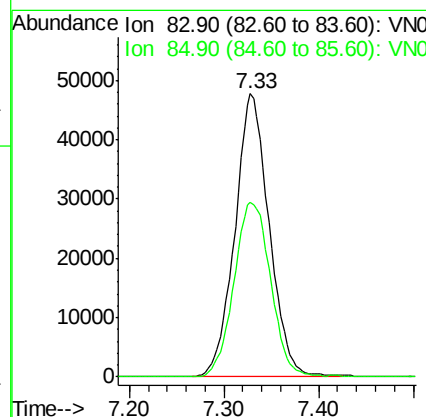
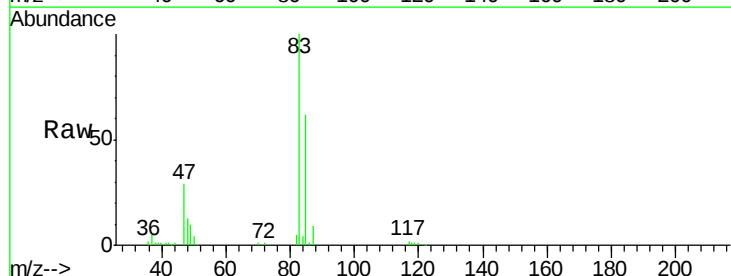
Manual Integrations  
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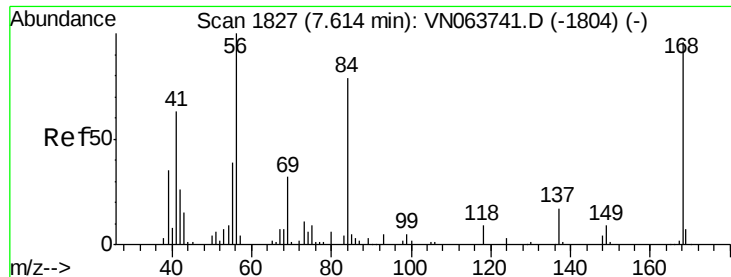
MMDadoda  
10/6/2020 12:56:42 PM



#30  
Chloroform  
Concen: 19.399 ug/l  
RT: 7.33 min Scan# 1738  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 61.8  | 54.6  | 82.0  |





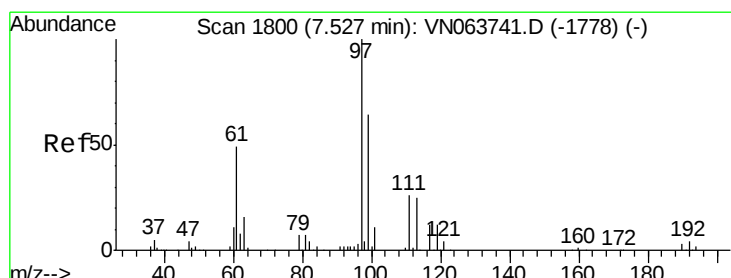
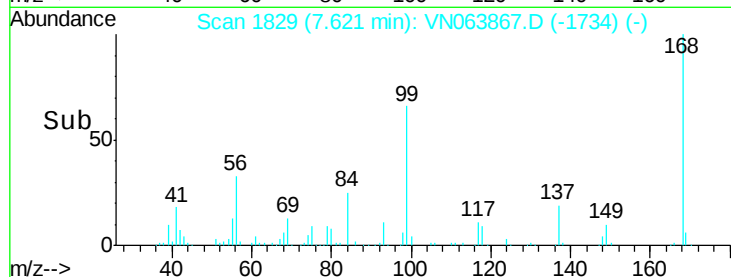
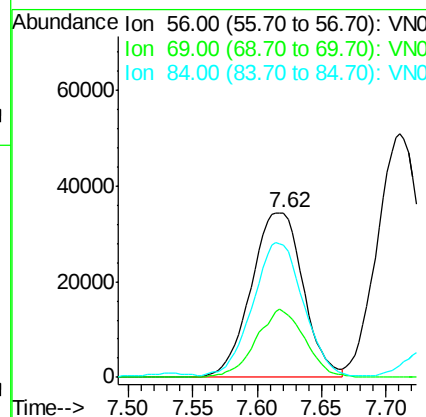
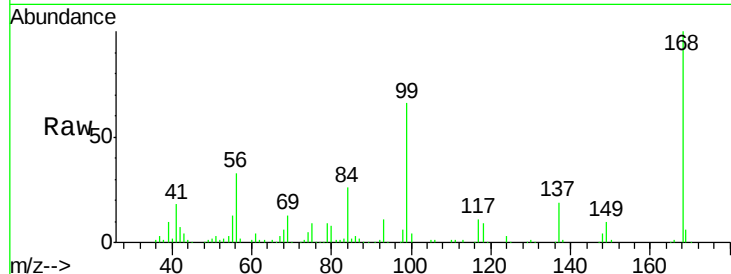
#31  
Cyclohexane  
Concen: 18.720 ug/l  
RT: 7.62 min Scan# 1829  
Delta R.T. 0.01 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 39.8  | 25.4  | 38.2# |
| 84      | 78.5  | 63.3  | 94.9  |

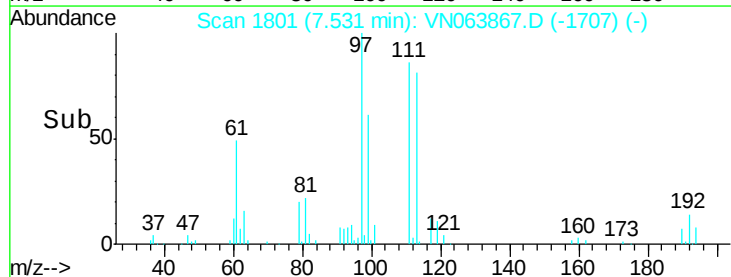
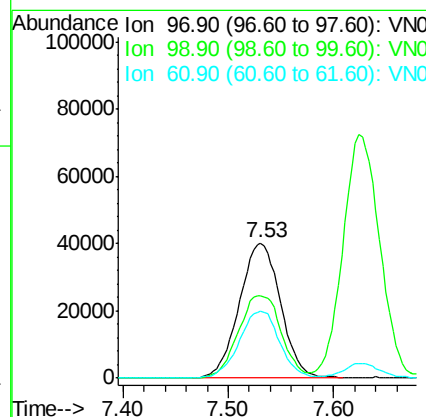
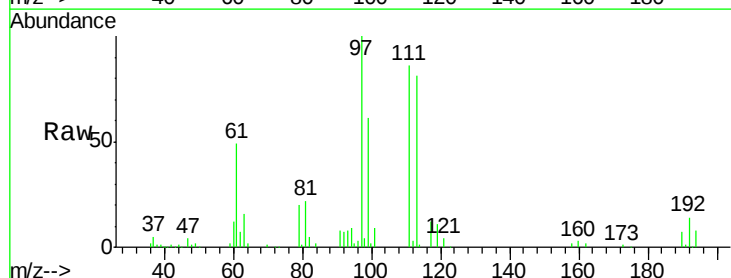
Manual Integrations  
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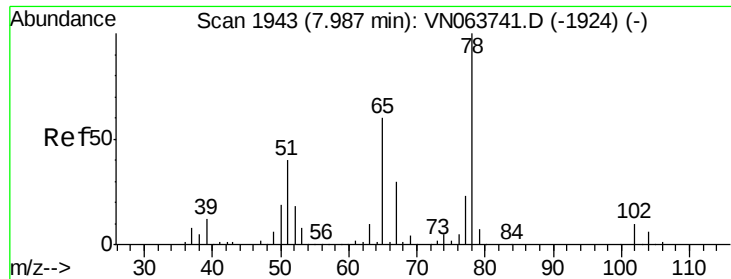
MMDadoda  
10/6/2020 12:56:42 PM



#32  
1,1,1-Trichloroethane  
Concen: 19.491 ug/l  
RT: 7.53 min Scan# 1801  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.2  | 51.0  | 76.6  |
| 61      | 48.8  | 38.7  | 58.1  |





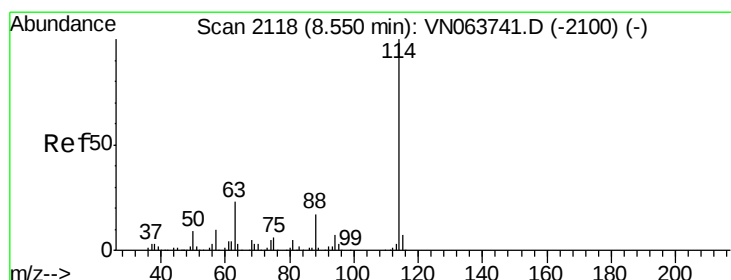
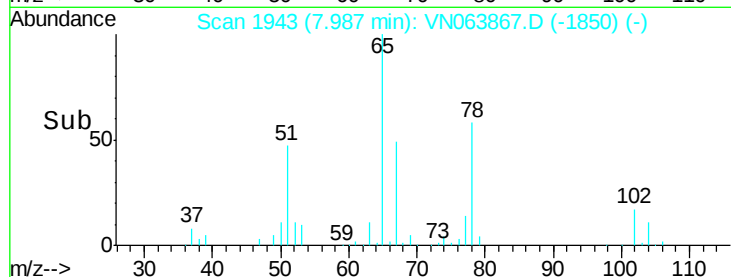
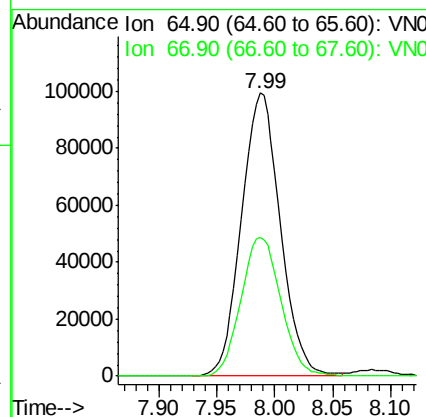
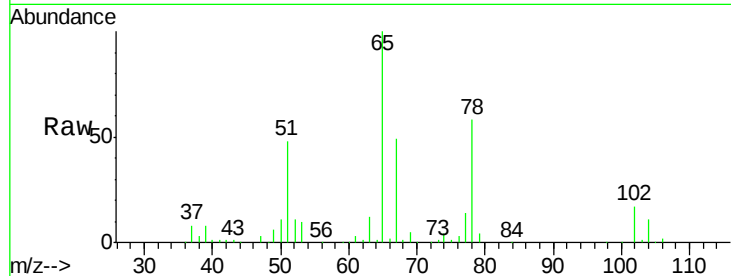
#33  
 1,2-Dichloroethane-d4  
 Concen: 52.085 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1005WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 232241 |       |       |
| 67      | 50.5  | 0.0    | 99.6  |       |

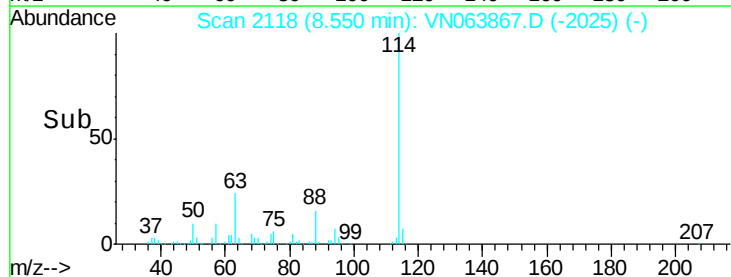
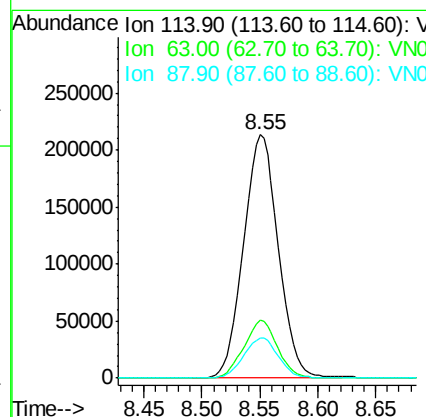
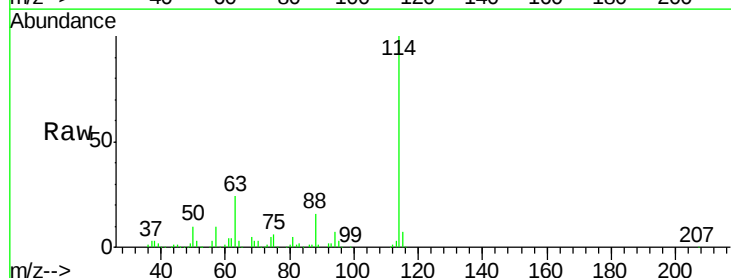
Manual Integrations  
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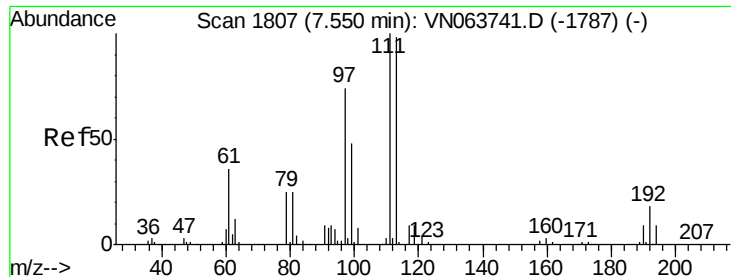
MMDadoda  
 10/6/2020 12:56:42 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 445371 |       |       |
| 63      | 23.7  | 0.0    | 45.0  |       |
| 88      | 16.3  | 0.0    | 34.0  |       |





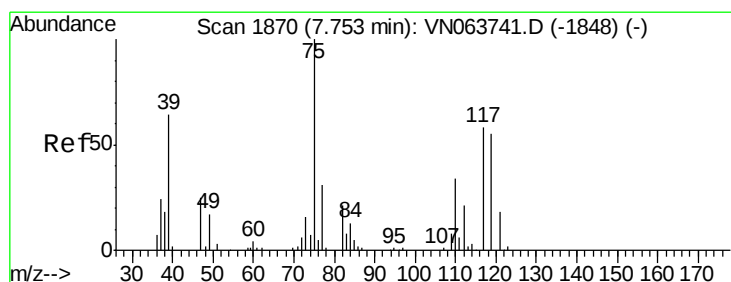
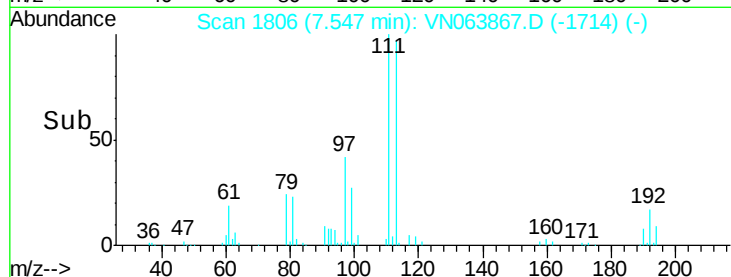
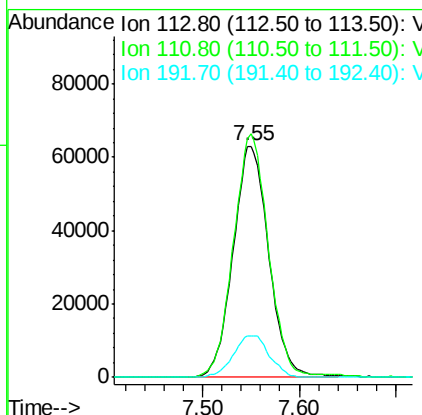
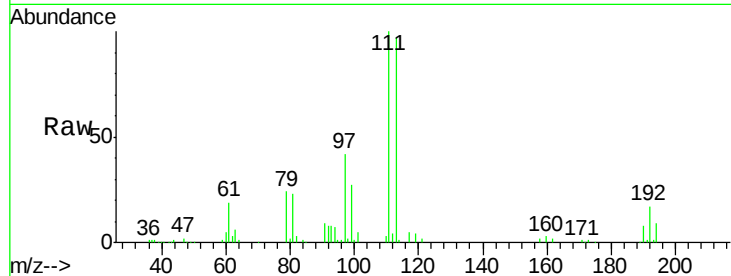
#35  
Dibromofluoromethane  
Concen: 52.192 ug/l  
RT: 7.55 min Scan# 1806  
Delta R.T. -0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 161290 |       |       |
| 111     | 102.8 | 81.8   | 122.8 |       |
| 192     | 18.2  | 14.2   | 21.2  |       |

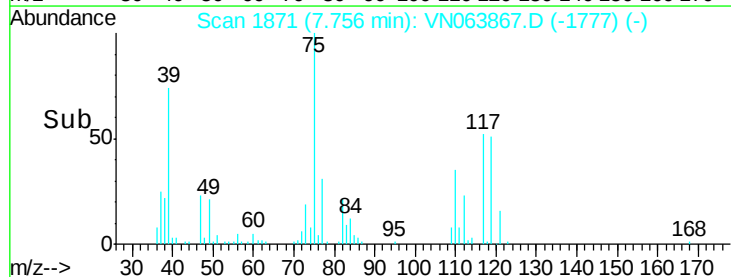
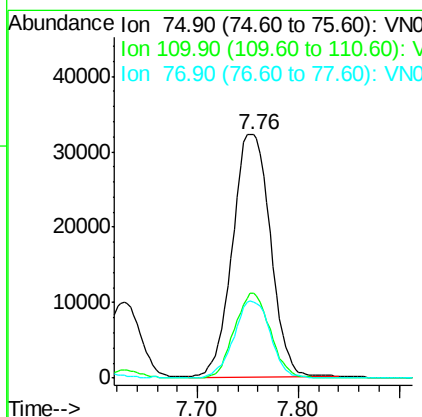
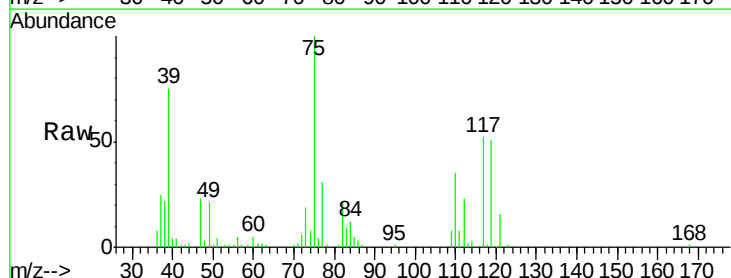
Manual Integrations  
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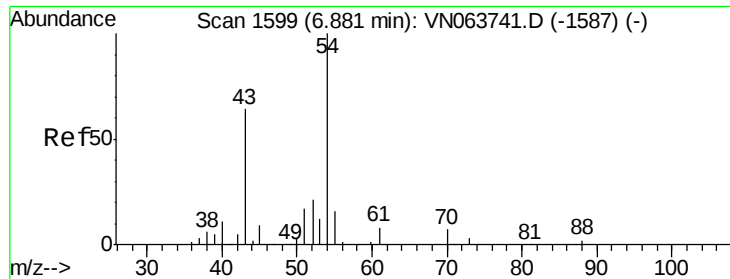
MMDadoda  
10/6/2020 12:56:42 PM



#36  
1,1-Dichloropropene  
Concen: 18.579 ug/l  
RT: 7.76 min Scan# 1871  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 83831 |       |       |
| 110     | 33.1  | 16.9  | 50.6  |       |
| 77      | 30.7  | 24.5  | 36.7  |       |





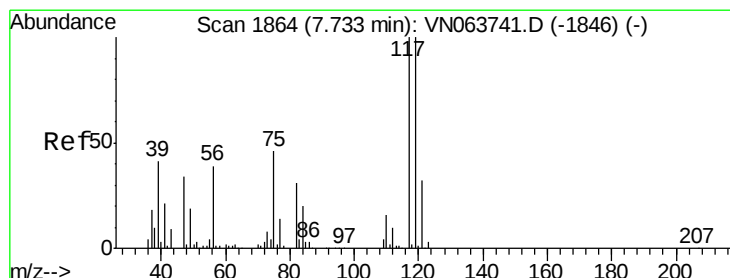
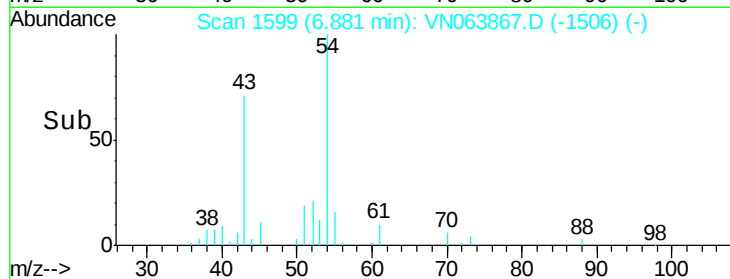
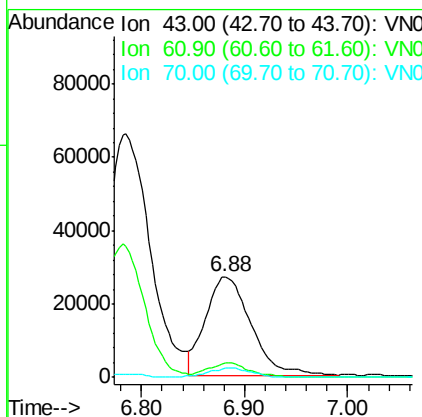
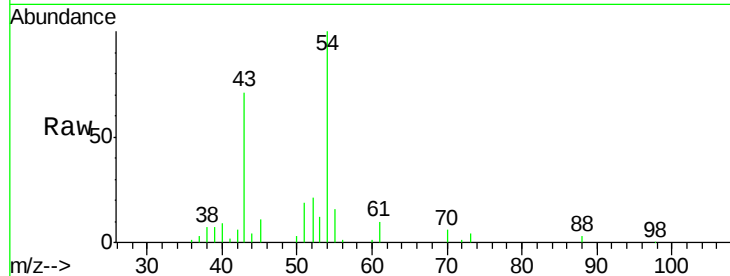
#37  
Ethyl Acetate  
Concen: 18.465 ug/l  
RT: 6.88 min Scan# 1599  
Delta R.T. -0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 12.6  | 10.4  | 15.6  |
| 70      | 7.9   | 7.3   | 10.9  |

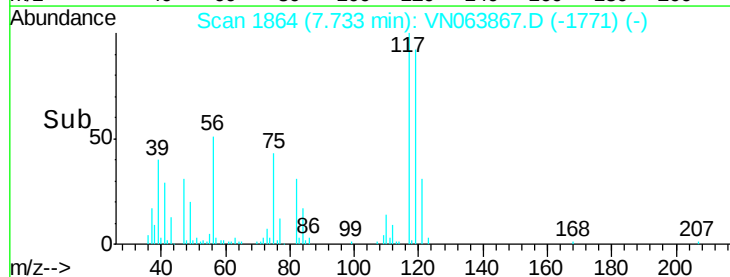
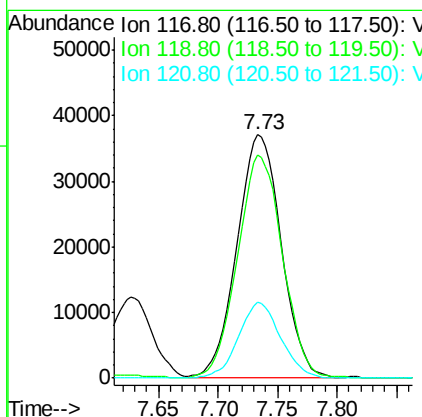
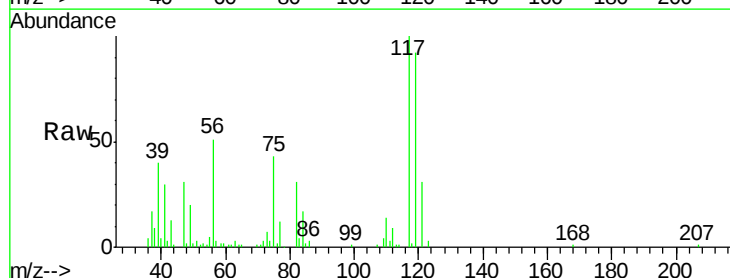
Manual Integrations  
APPROVED

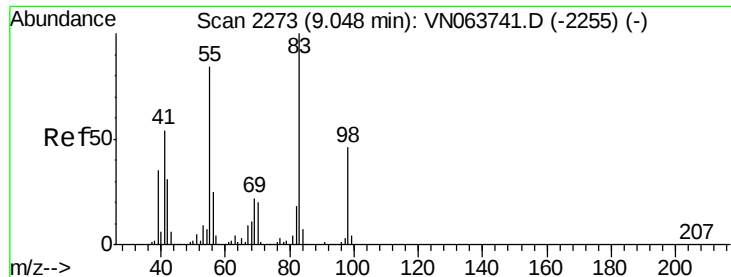
MMDadoda  
10/6/2020 12:56:42 PM



#38  
Carbon Tetrachloride  
Concen: 18.968 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 91.9  | 80.1  | 120.1 |
| 121     | 31.0  | 25.7  | 38.5  |





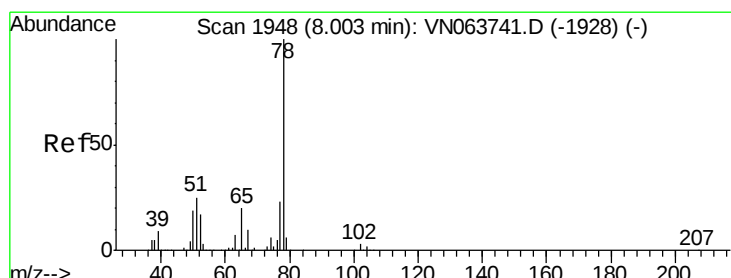
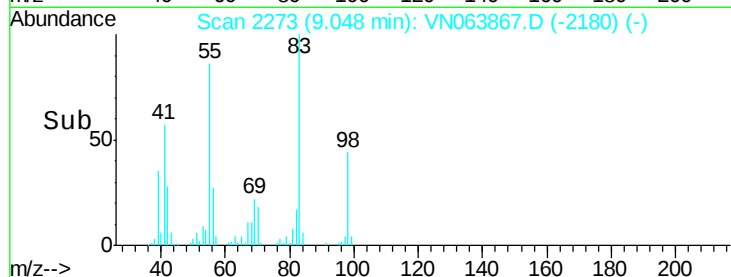
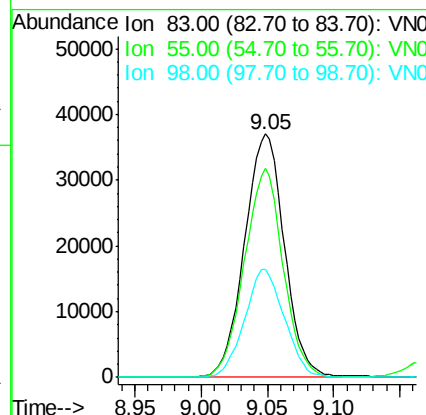
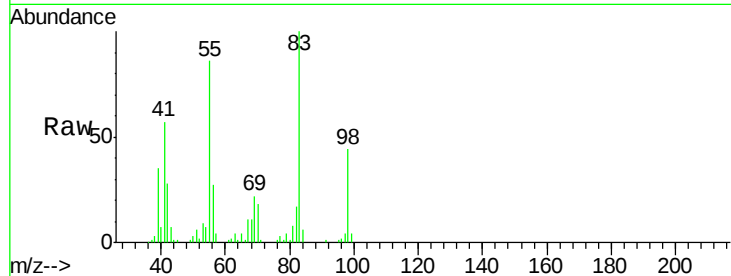
#39  
Methvlcvclohexane  
Concen: 17.206 ug/l  
RT: 9.05 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

| Tot Ion   | 83    | Resp  | 77420 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 55        | 86.0  | 67.1  | 100.7 |
| 98        | 44.3  | 36.6  | 54.8  |

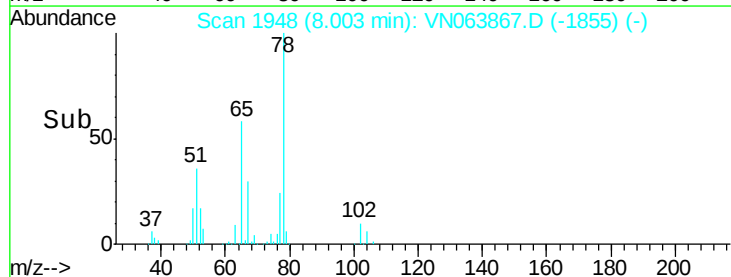
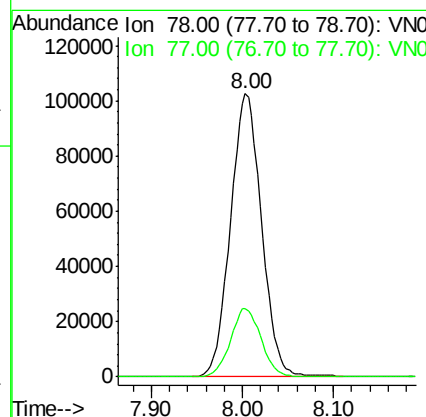
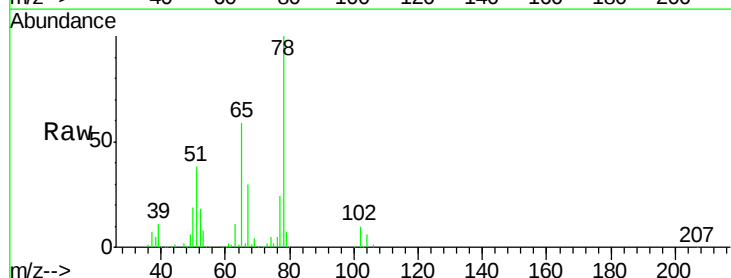
Manual Integrations  
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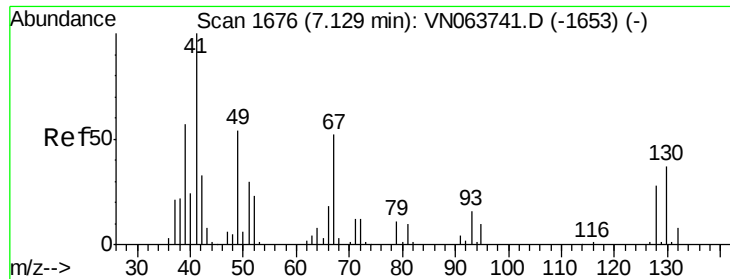
MMDadoda  
10/6/2020 12:56:42 PM



#40  
Benzene  
Concen: 18.915 ug/l  
RT: 8.00 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

| Tgt Ion   | 78    | Resp  | 243773 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 24.3  | 18.7  | 28.1   |





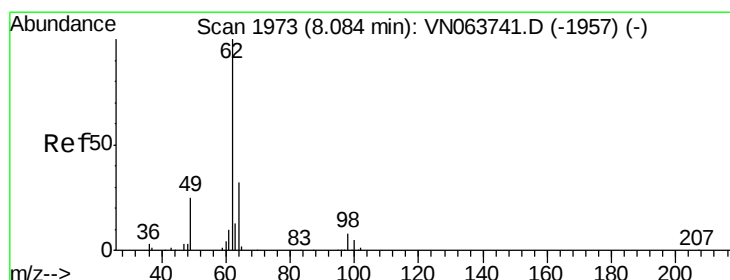
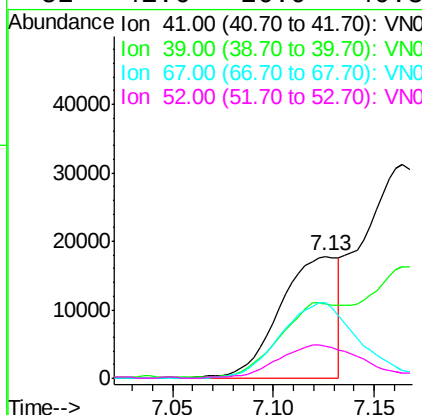
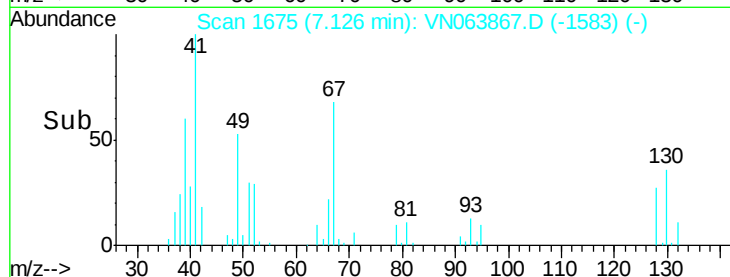
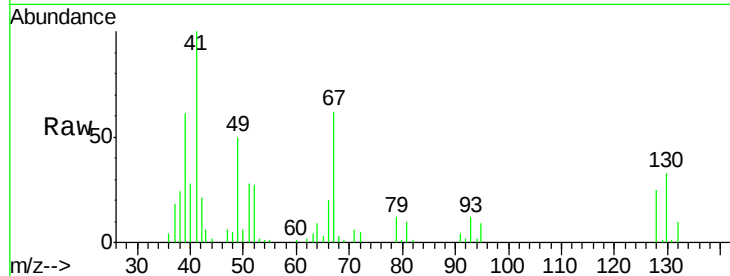
#41  
Methacrylonitrile  
Concen: 17.879 ug/l  
RT: 7.13 min Scan# 1675  
Delta R.T. -0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 41    | Resp: | 35620 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 70.4  | 42.5  | 63.7# |
| 67        | 84.7  | 57.4  | 86.2  |
| 52        | 41.6  | 26.9  | 40.3# |

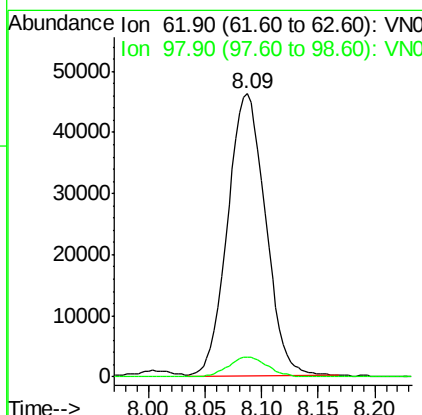
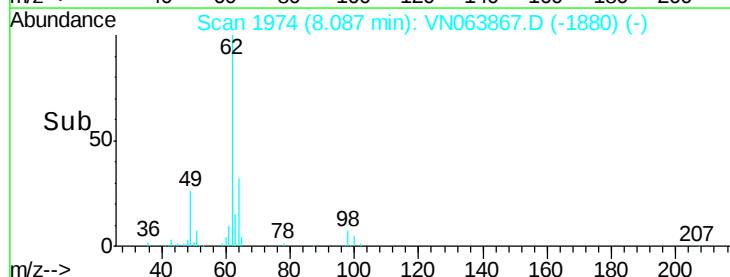
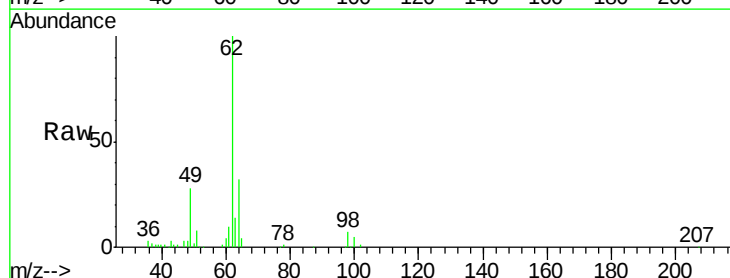
Manual Integrations  
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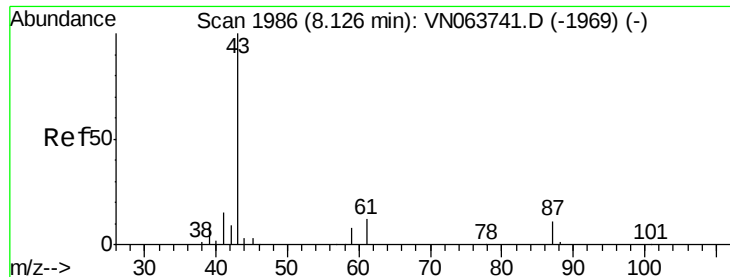
MMDadoda  
10/6/2020 12:56:42 PM



#42  
1,2-Dichloroethane  
Concen: 19.538 ug/l  
RT: 8.09 min Scan# 1974  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 62    | Resp: | 107485 |
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 7.2   | 0.0   | 15.0   |





#43

Isopropyl Acetate

Concen: 19.357 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

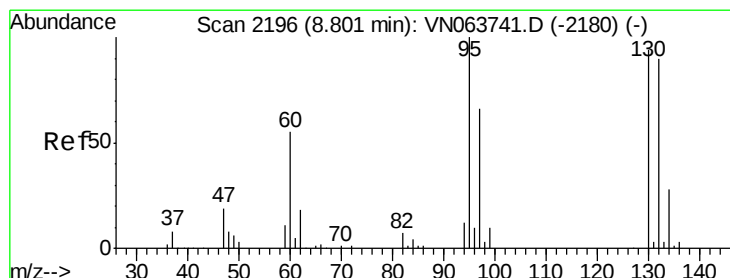
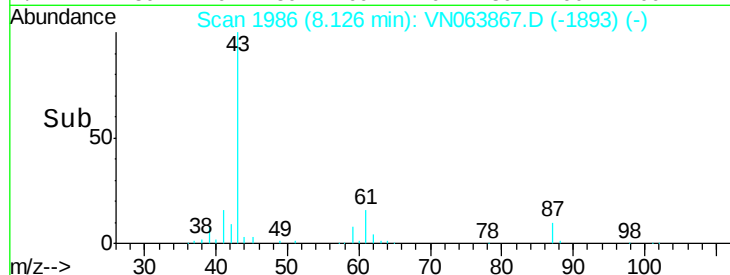
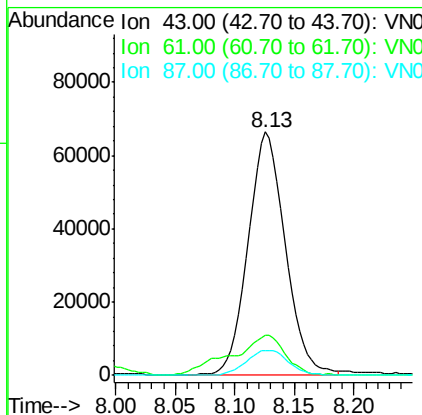
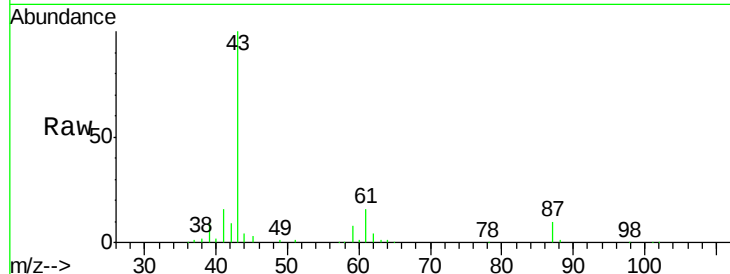
ClientSampleId :

VN1005WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 143130 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 24.0  | 14.2  | 21.4#  |
| 87       | 11.8  | 9.0   | 13.6   |

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#44

Trichloroethene

Concen: 18.889 ug/l

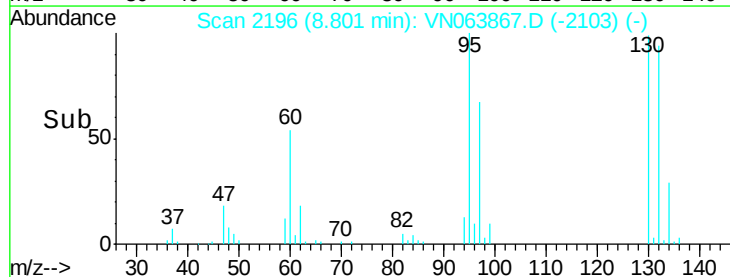
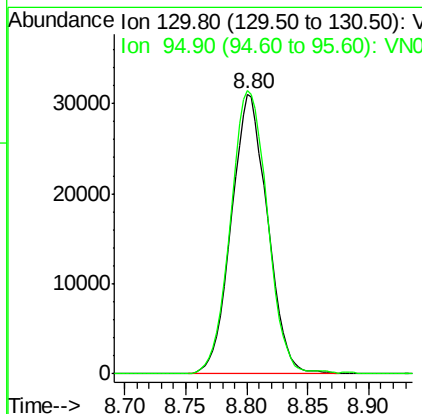
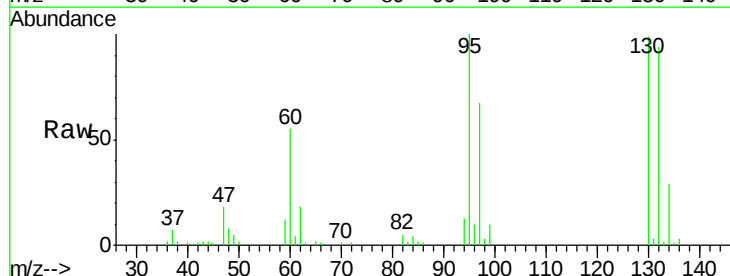
RT: 8.80 min Scan# 2196

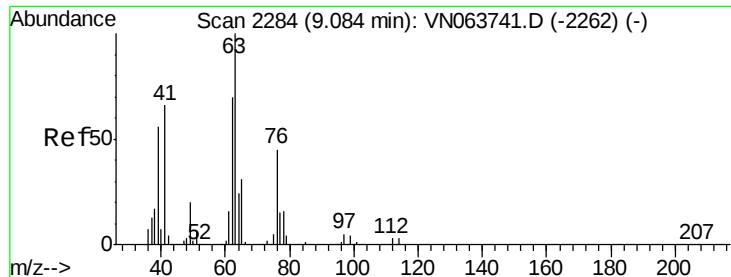
Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 63781 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 101.1 | 0.0   | 213.6 |





#45

1,2-Dichloropropane

Concen: 19.528 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

ClientSampleId :

VN1005WBSD01

Tot Ion: 63 Resp: 67968

Ion Ratio Lower Upper

63 100

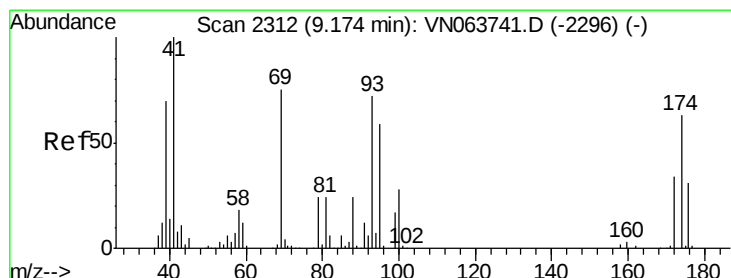
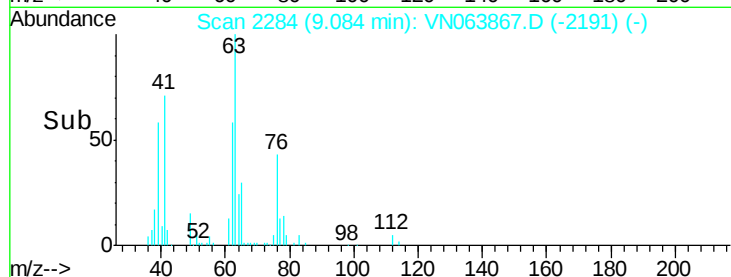
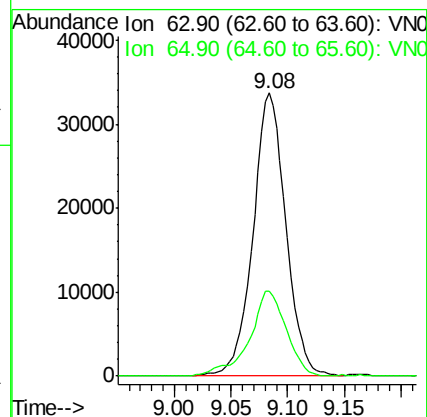
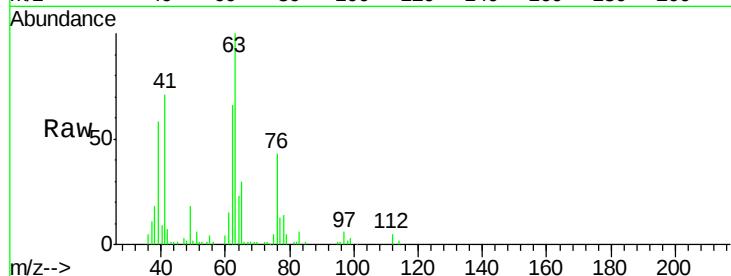
65 30.2 24.7 37.1

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#46

Dibromomethane

Concen: 19.147 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

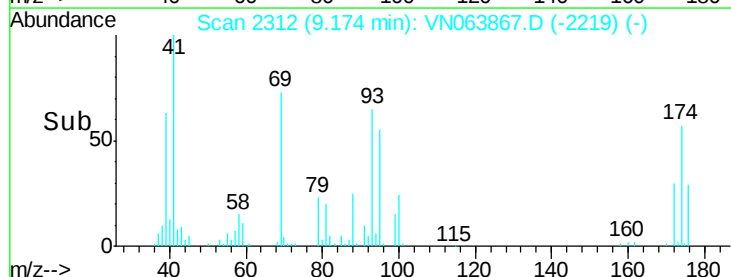
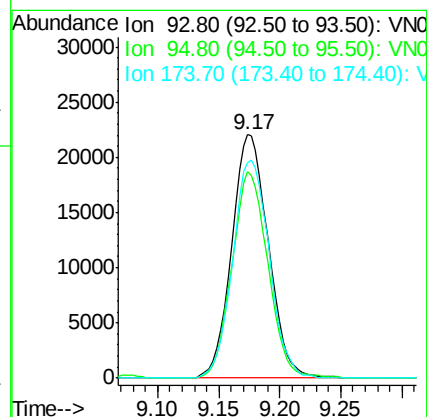
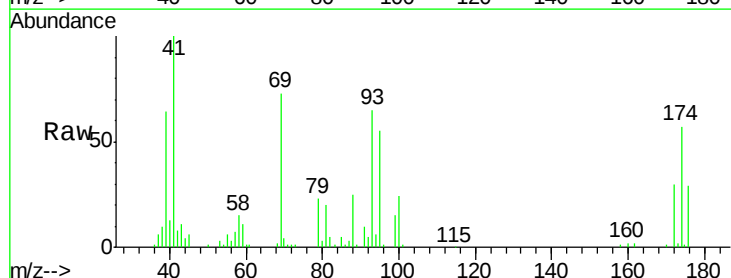
Tgt Ion: 93 Resp: 45973

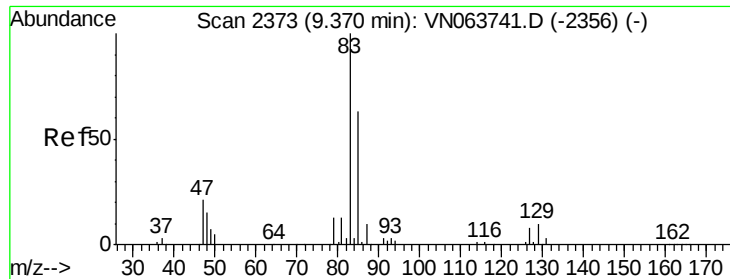
Ion Ratio Lower Upper

93 100

95 83.2 66.3 99.5

174 89.2 72.7 109.1





#47

Bromodichloromethane

Concen: 20.652 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

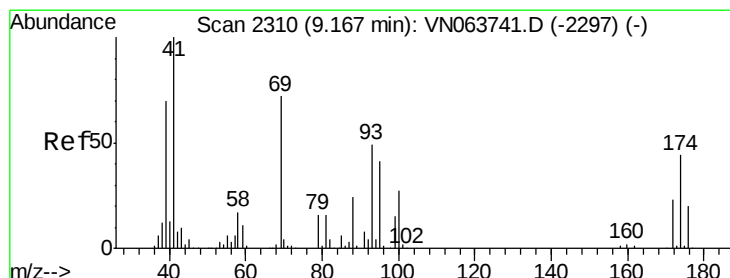
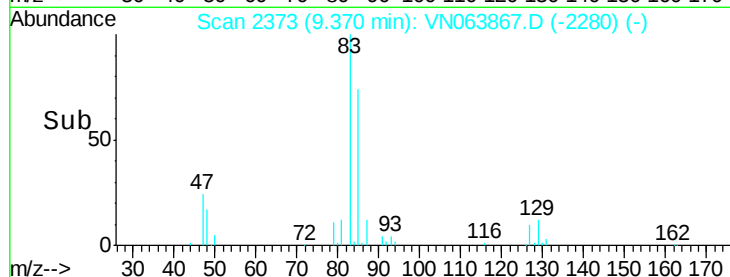
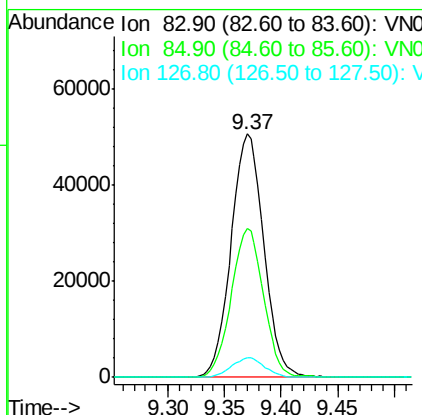
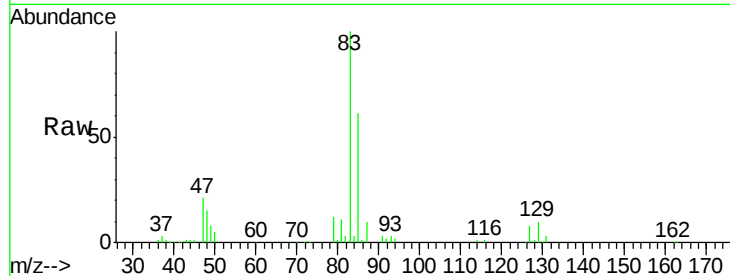
ClientSampleId :

VN1005WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 102196 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 61.1  | 50.6  | 75.8   |
| 127      | 7.9   | 6.6   | 9.8    |

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#48

Methyl methacrylate

Concen: 20.127 ug/l

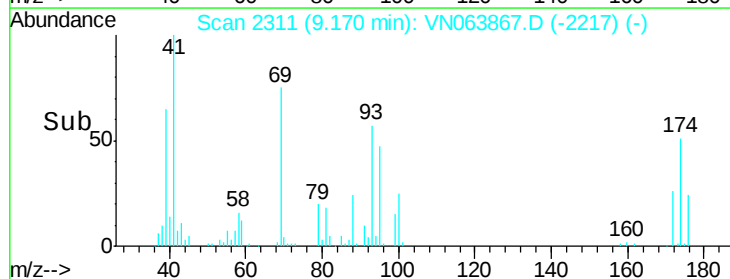
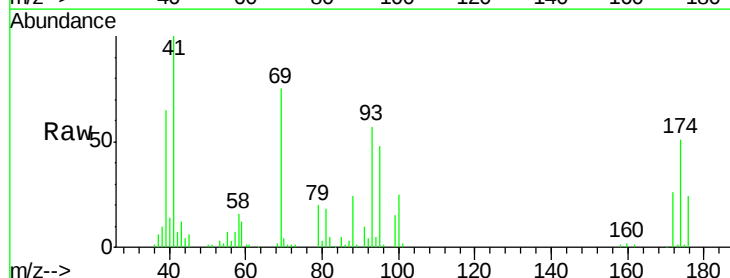
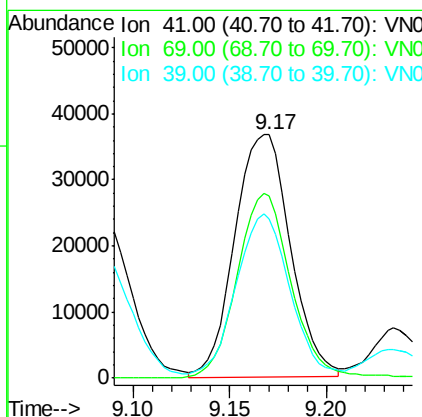
RT: 9.17 min Scan# 2311

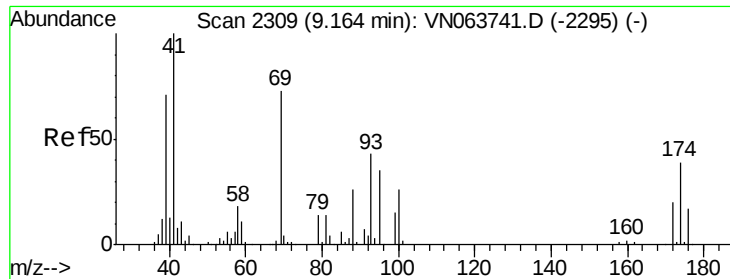
Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 73527 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 73.7  | 60.9  | 91.3  |
| 39       | 65.8  | 57.5  | 86.3  |





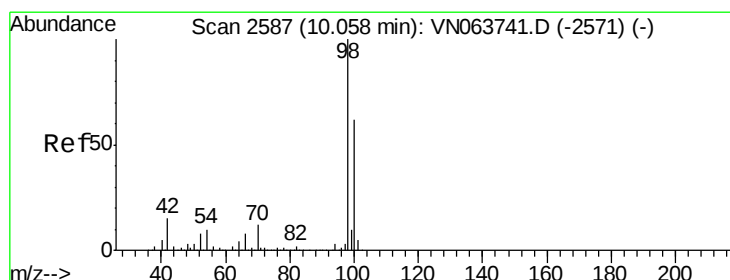
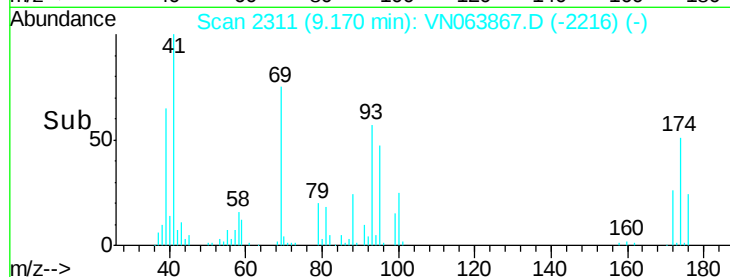
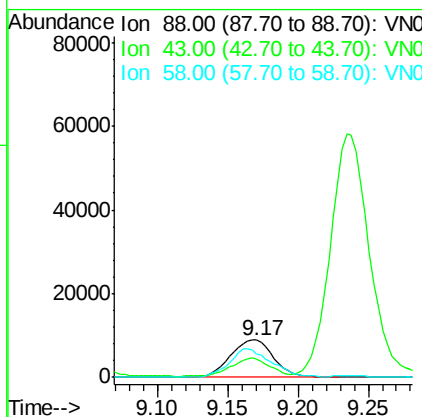
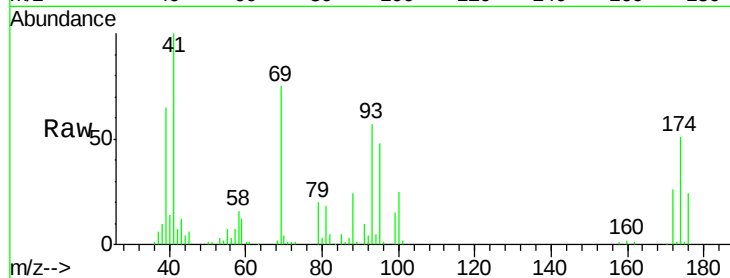
#49  
1,4-Dioxane  
Concen: 368.127 ug/l  
RT: 9.17 min Scan# 2311  
Delta R.T. 0.01 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 40.8  | 33.1  | 49.7  |
| 58      | 74.8  | 58.9  | 88.3  |

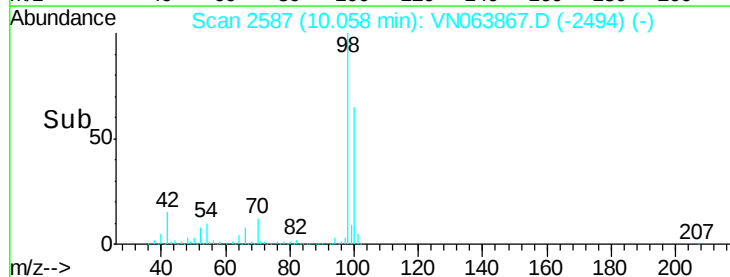
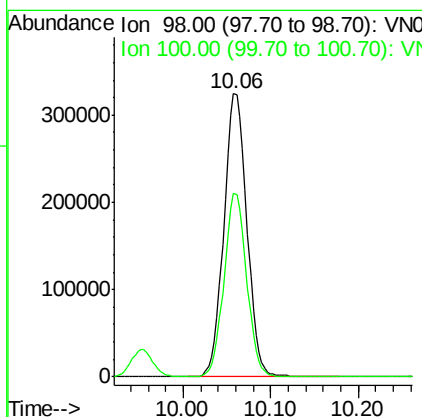
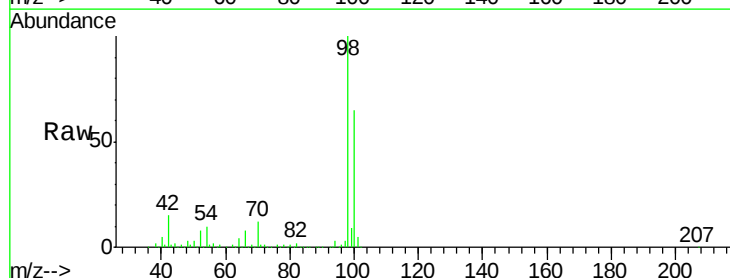
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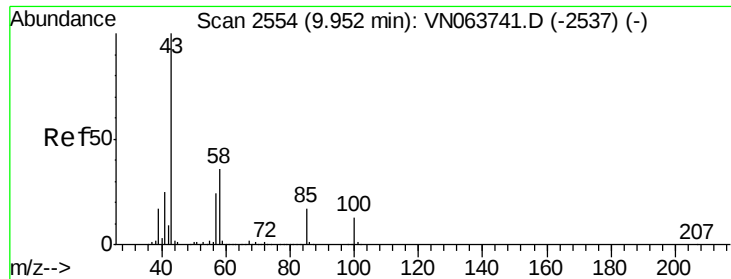
MMDadoda  
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#50  
Toluene-d8  
Concen: 50.655 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.5  | 49.8  | 74.6  |





#51

4-Methyl-2-Pentanone

Concen: 100.863 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

ClientSampleId :

VN1005WBSD01

Tot Ion: 43 Resp: 437668

Ion Ratio Lower Upper

43 100

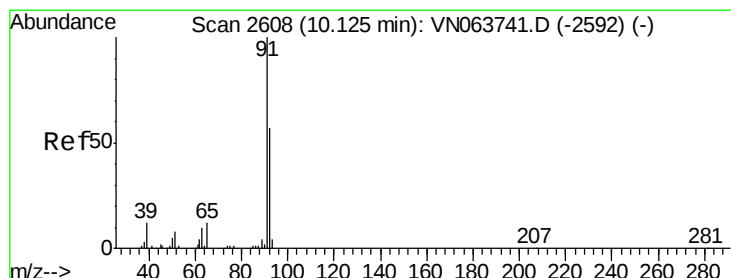
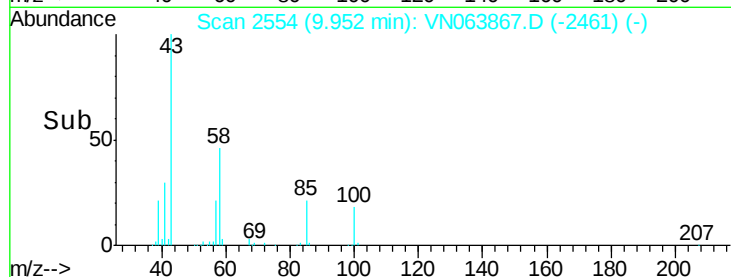
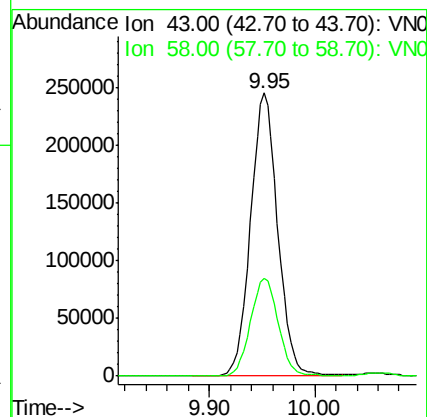
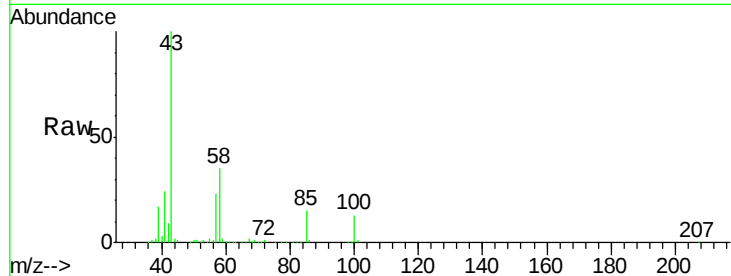
58 35.7 28.4 42.6

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#52

Toluene

Concen: 19.057 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063867.D

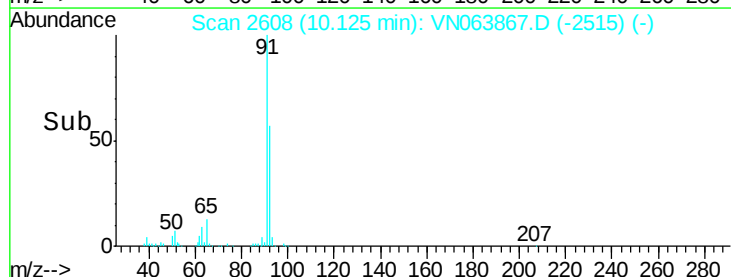
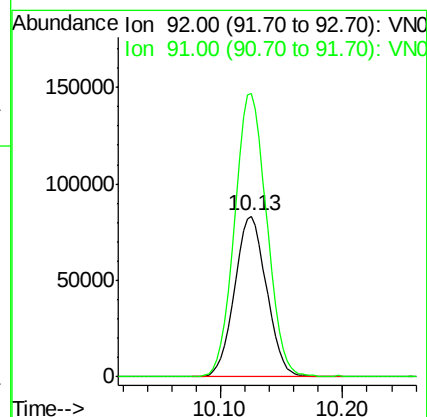
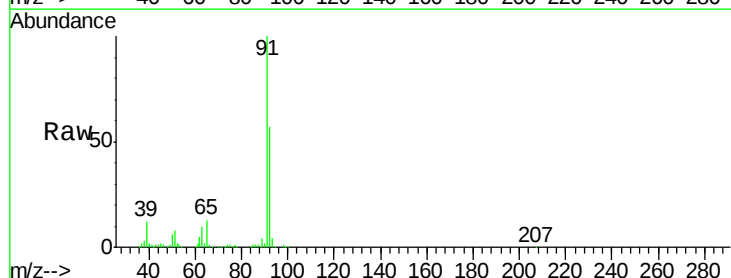
Acq: 5 Oct 2020 13:45

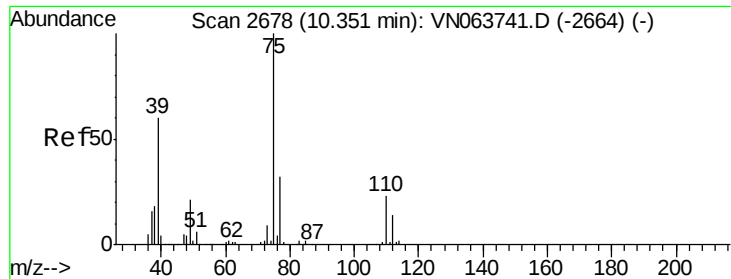
Tgt Ion: 92 Resp: 151911

Ion Ratio Lower Upper

92 100

91 177.2 140.6 210.8





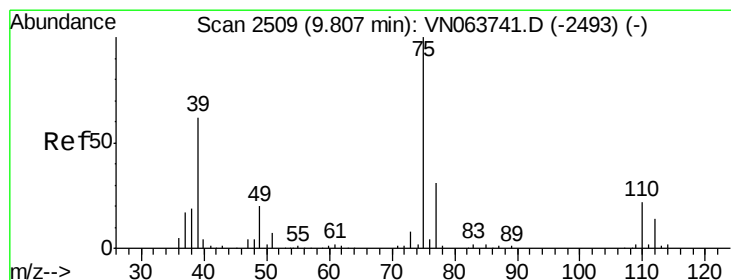
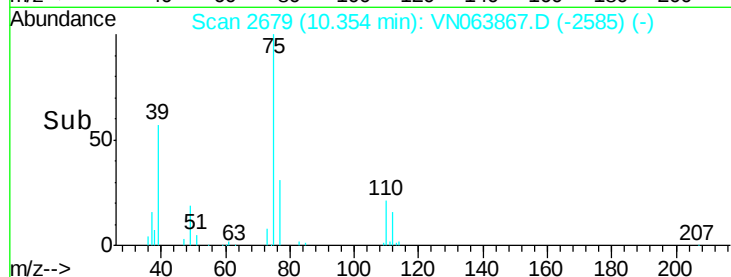
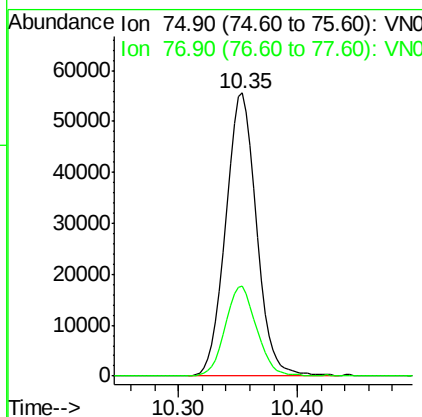
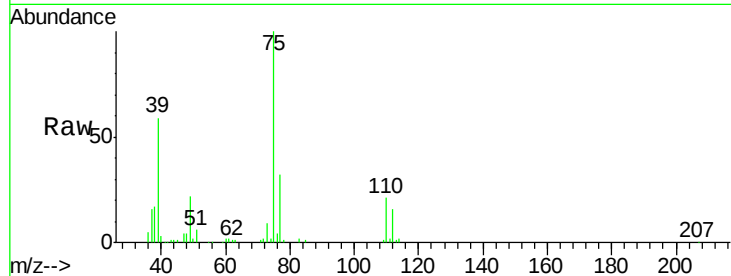
#53  
t-1,3-Dichloropropene  
Concen: 18.848 ug/l  
RT: 10.35 min Scan# 2679  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

Tot Ion: 75 Resp: 99976  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.3 37.9

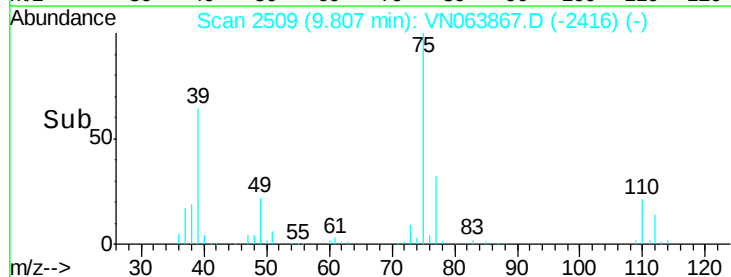
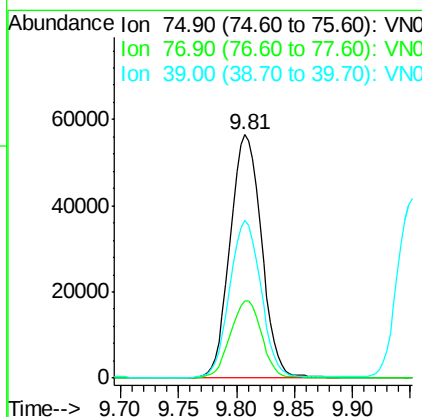
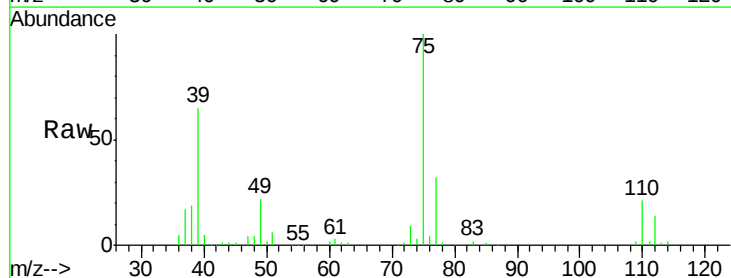
Manual Integrations  
APPROVED

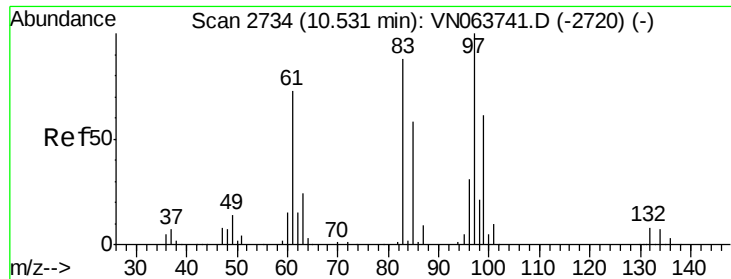
MMDadoda  
10/6/2020 12:56:42 PM



#54  
cis-1,3-Dichloropropene  
Concen: 19.225 ug/l  
RT: 9.81 min Scan# 2509  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Tgt Ion: 75 Resp: 106652  
Ion Ratio Lower Upper  
75 100  
77 31.7 24.6 36.8  
39 64.8 49.7 74.5





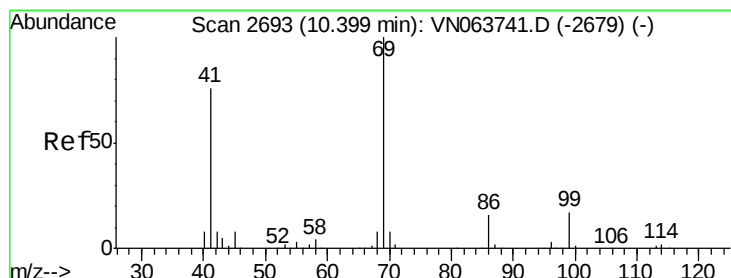
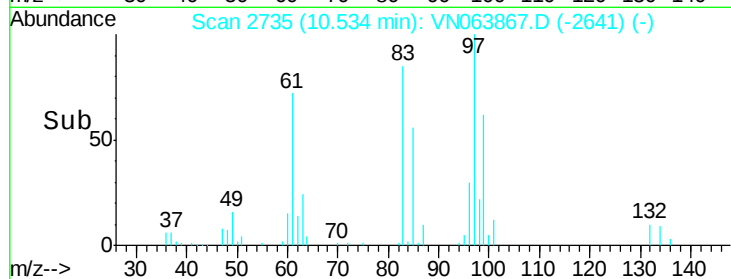
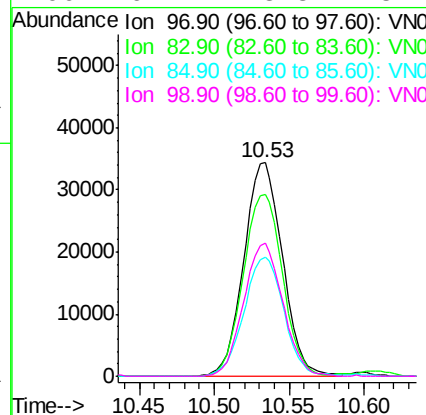
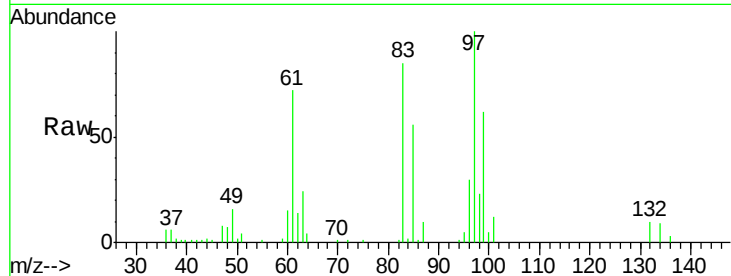
#55  
 1,1,2-Trichloroethane  
 Concen: 19.433 ug/l  
 RT: 10.53 min Scan# 2735  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1005WBSD01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 62122 |       |       |
| 83      | 85.3 | 70.7  | 106.1 |       |       |
| 85      | 55.7 | 46.1  | 69.1  |       |       |
| 99      | 62.2 | 48.8  | 73.2  |       |       |

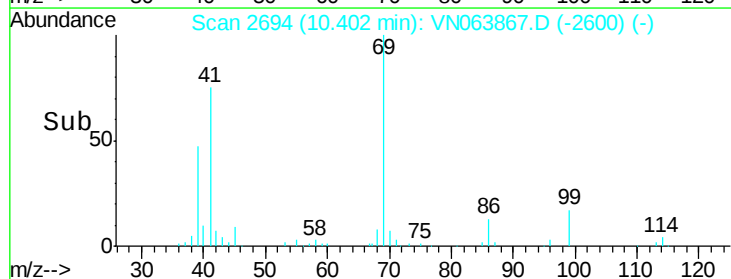
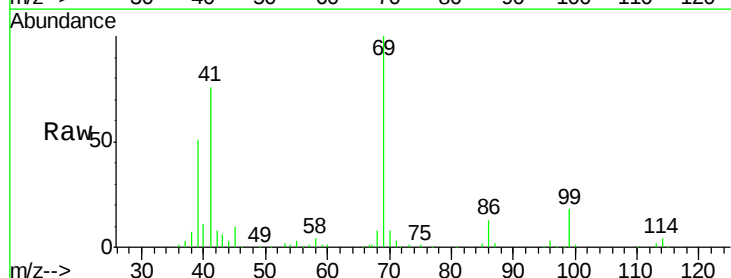
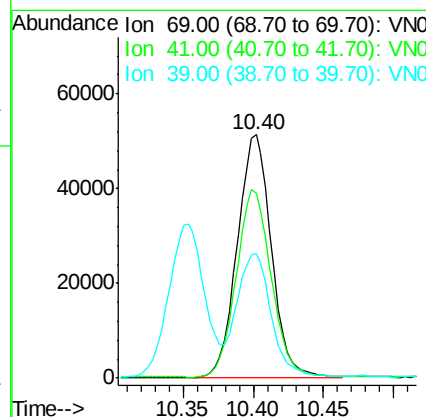
Manual Integrations  
 APPROVED

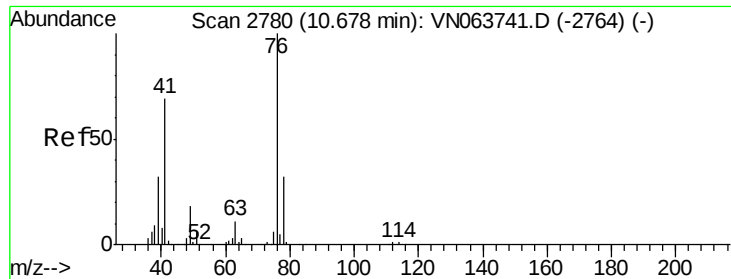
MMDadoda  
 10/6/2020 12:56:42 PM



#56  
 Ethyl methacrylate  
 Concen: 19.293 ug/l  
 RT: 10.40 min Scan# 2694  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 69      | 100  |       | 87422 |       |       |
| 41      | 78.5 | 61.1  | 91.7  |       |       |
| 39      | 50.2 | 42.2  | 63.4  |       |       |





#57

1,3-Dichloropropane

Concen: 19.365 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

ClientSampleId :

VN1005WBSD01

Tot Ion: 76 Resp: 104734

Ion Ratio Lower Upper

76 100

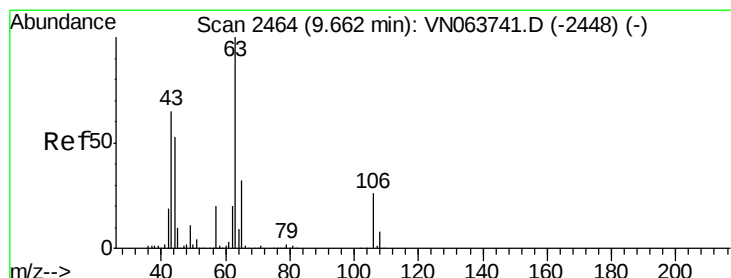
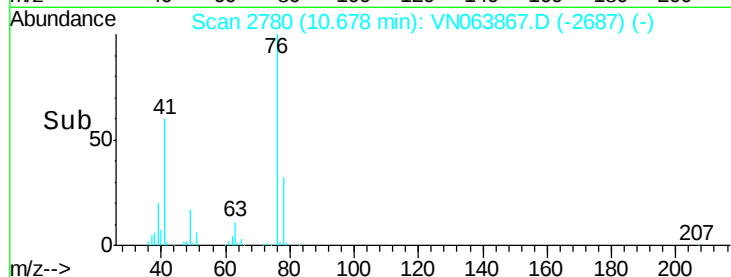
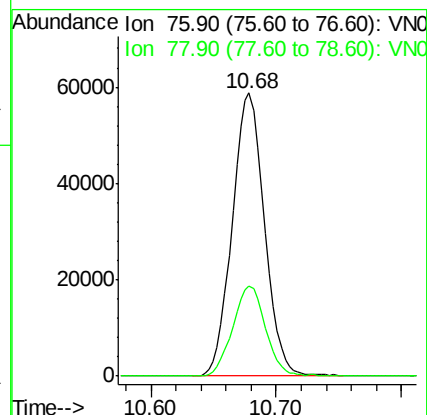
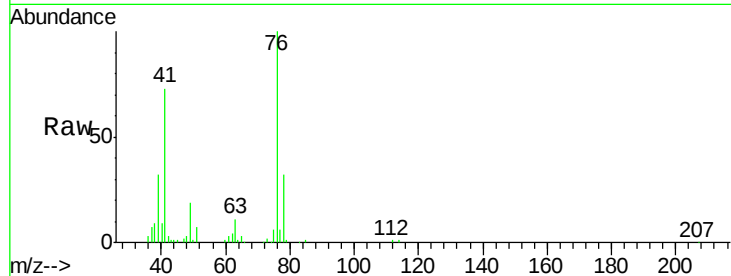
78 32.4 25.2 37.8

Manual Integrations

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10/6/2020 12:56:42 PM



#58

2-Chloroethyl Vinyl ether

Concen: 97.518 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063867.D

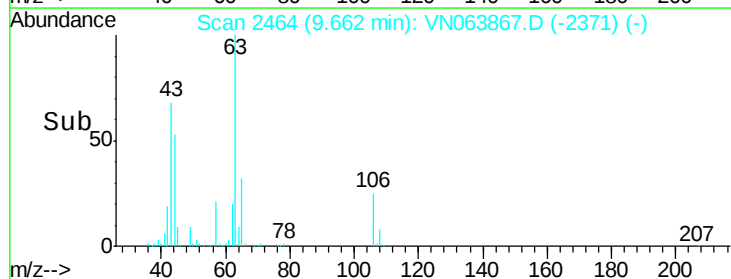
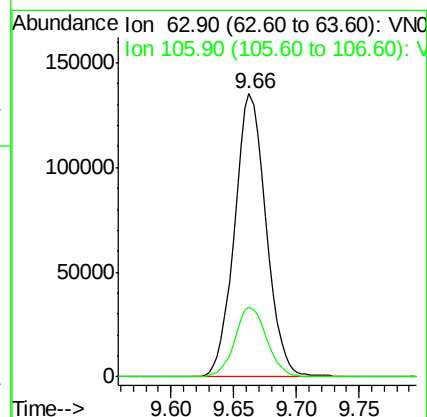
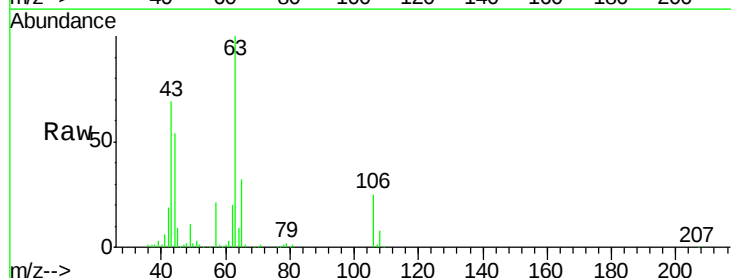
Acq: 5 Oct 2020 13:45

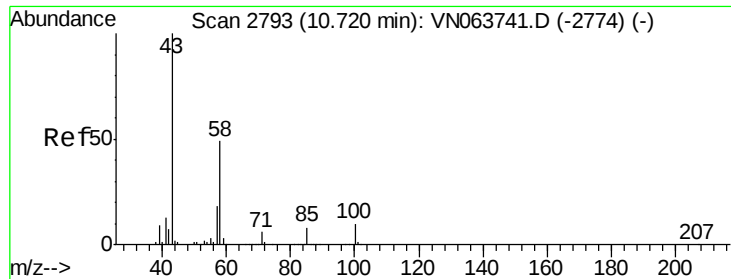
Tgt Ion: 63 Resp: 236371

Ion Ratio Lower Upper

63 100

106 25.1 20.7 31.1





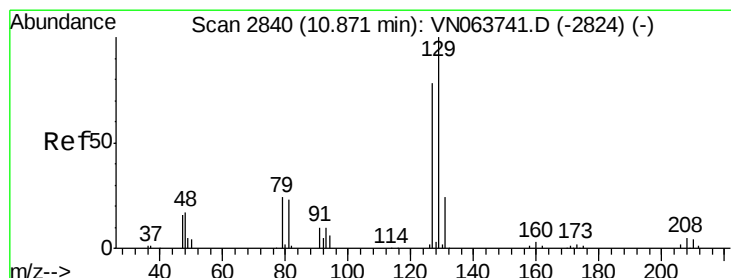
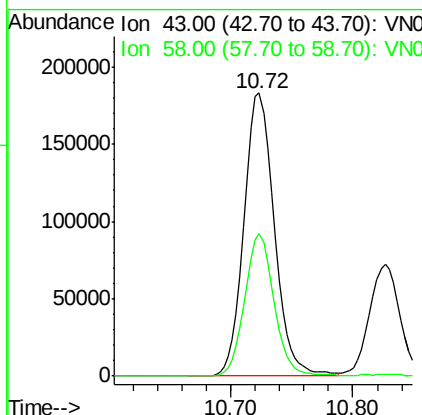
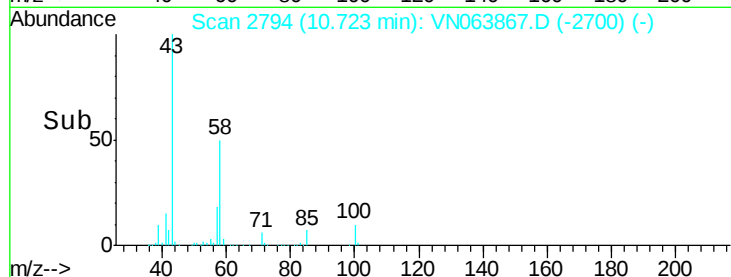
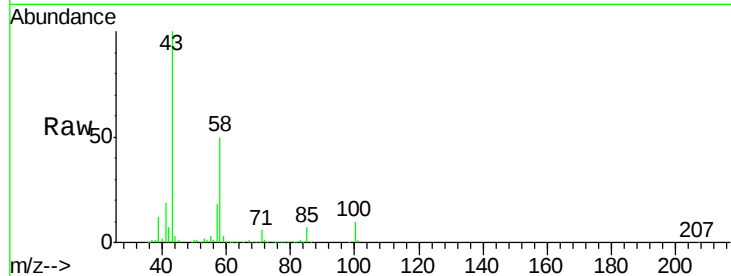
#59  
2-Hexanone  
Concen: 97.032 ug/l  
RT: 10.72 min Scan# 2794  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

Tot Ion: 43 Resp: 312777  
Ion Ratio Lower Upper  
43 100  
58 48.5 24.6 73.8

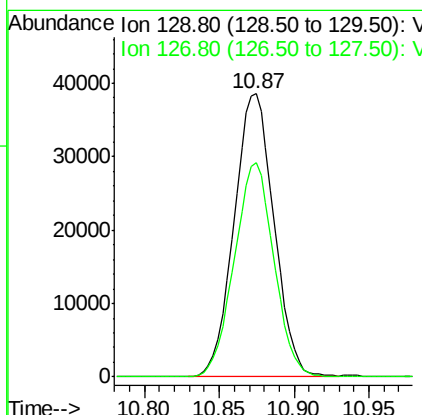
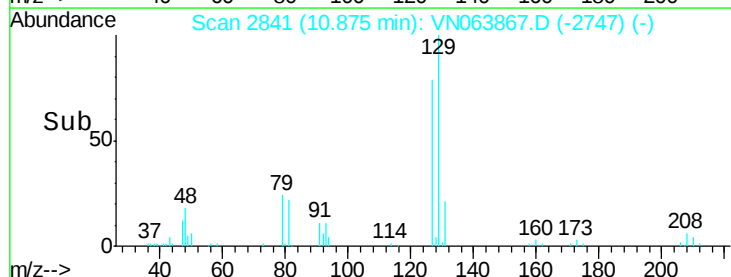
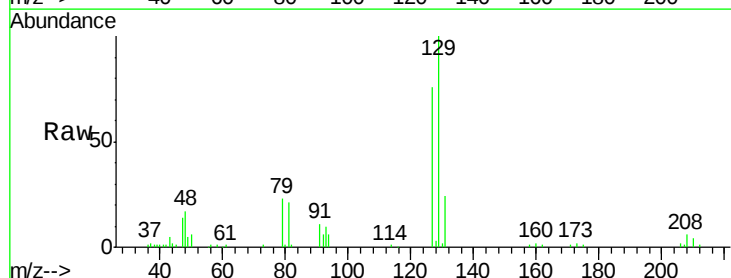
Manual Integrations  
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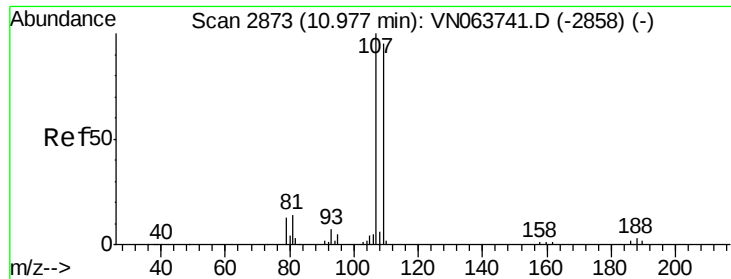
MMDadoda  
10/6/2020 12:56:42 PM



#60  
Dibromochloromethane  
Concen: 19.232 ug/l  
RT: 10.87 min Scan# 2841  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Tgt Ion: 129 Resp: 71598  
Ion Ratio Lower Upper  
129 100  
127 75.2 38.9 116.7





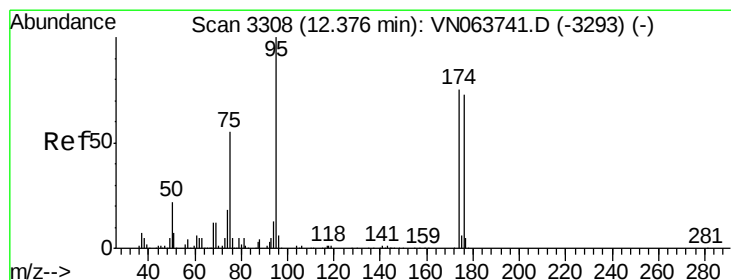
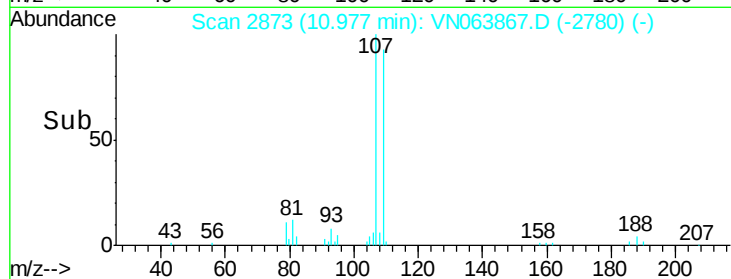
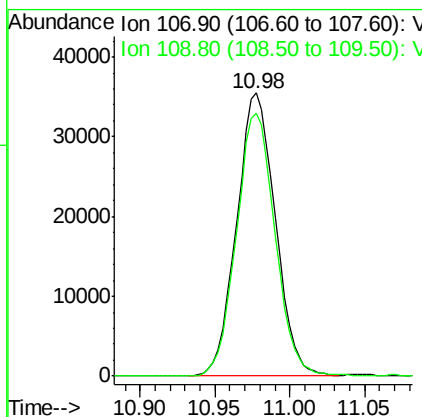
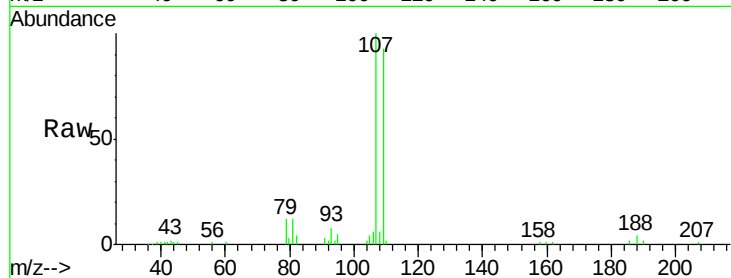
#61  
 1,2-Dibromoethane  
 Concen: 19.539 ug/l  
 RT: 10.98 min Scan# 2873  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1005WBSD01

Tot Ion: 107 Resp: 63894  
 Ion Ratio Lower Upper  
 107 100  
 109 93.0 74.8 112.2

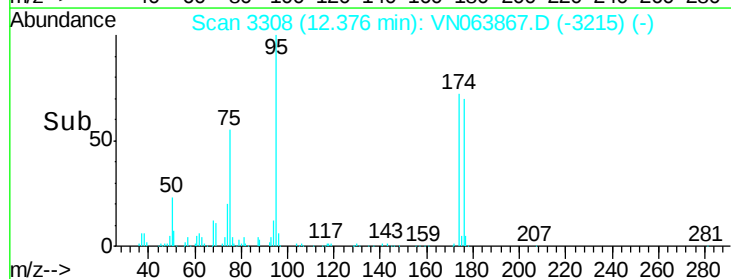
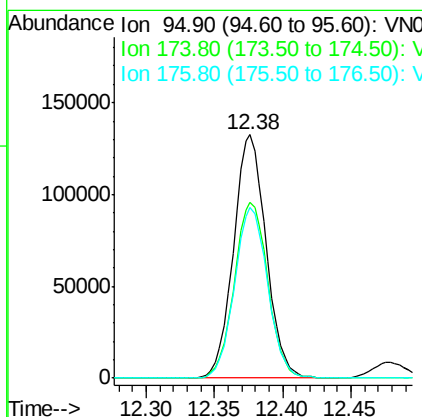
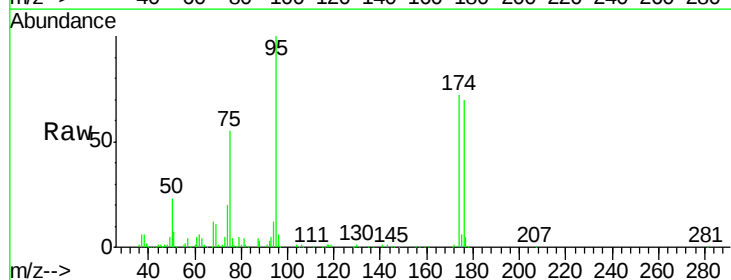
Manual Integrations  
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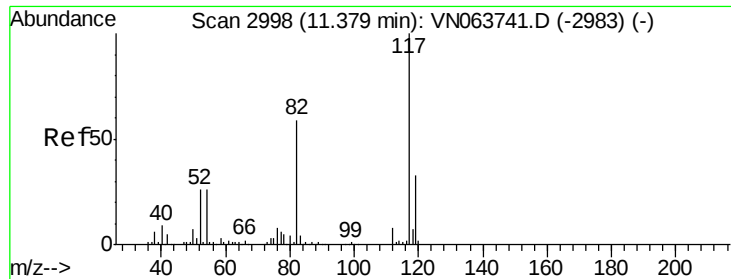
MMDadoda  
 10/6/2020 12:56:42 PM



#62  
 4-Bromofluorobenzene  
 Concen: 49.801 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

Tgt Ion: 95 Resp: 219313  
 Ion Ratio Lower Upper  
 95 100  
 174 74.5 0.0 150.6  
 176 71.5 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: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

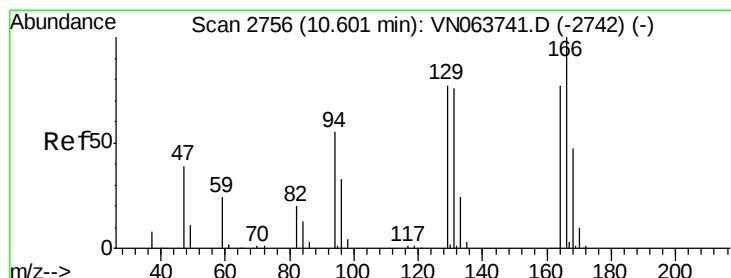
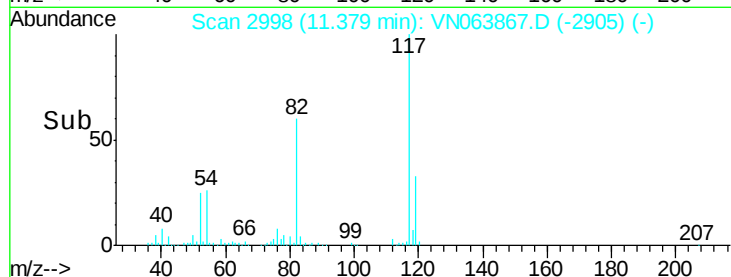
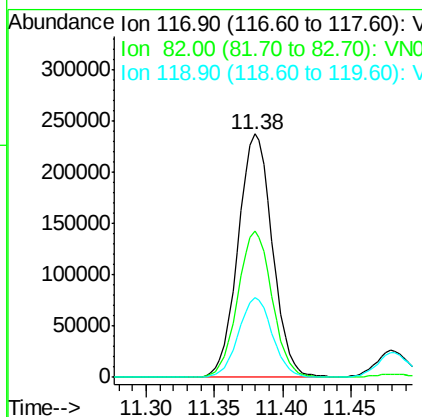
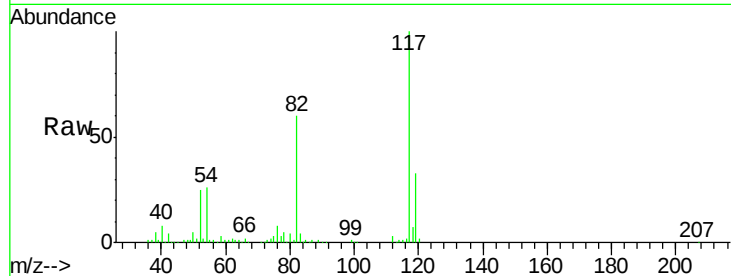
ClientSampleId :

VN1005WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 117   | Resp: | 415323 |
| 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  
10/6/2020 12:56:42 PM



#64

Tetrachloroethene

Concen: 18.895 ug/l

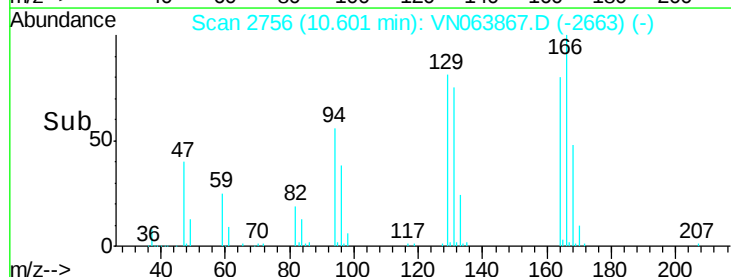
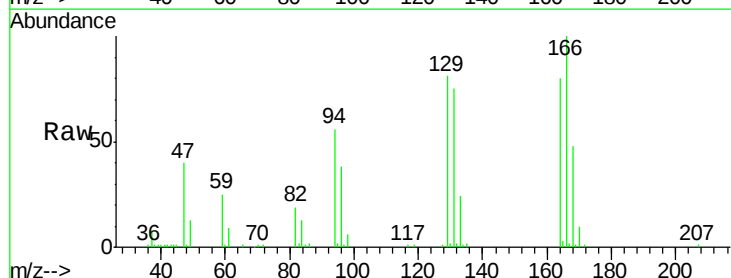
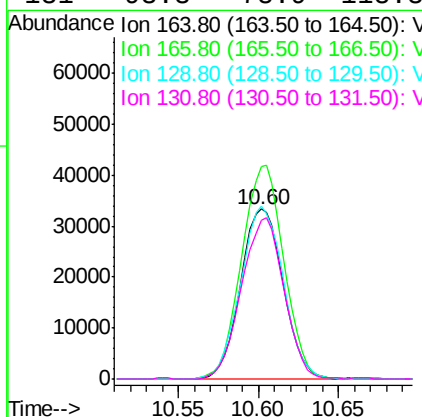
RT: 10.60 min Scan# 2756

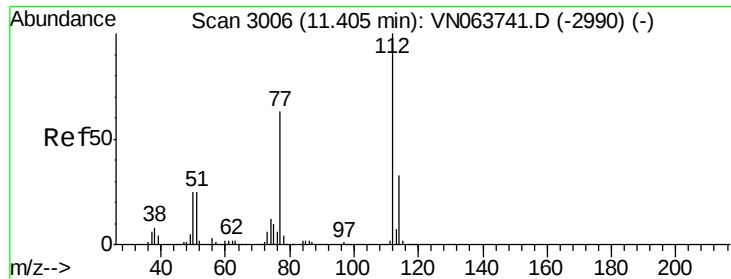
Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 60713 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 125.1 | 103.9 | 155.9 |
| 129      | 101.3 | 80.3  | 120.5 |
| 131      | 93.3  | 78.9  | 118.3 |





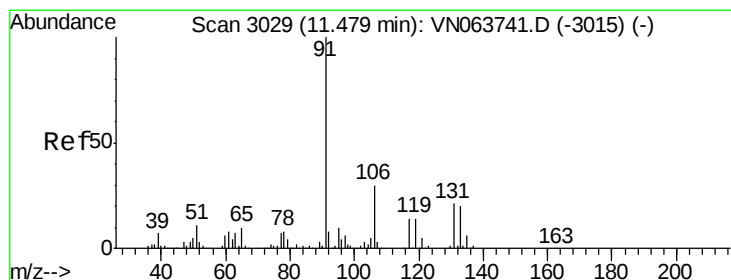
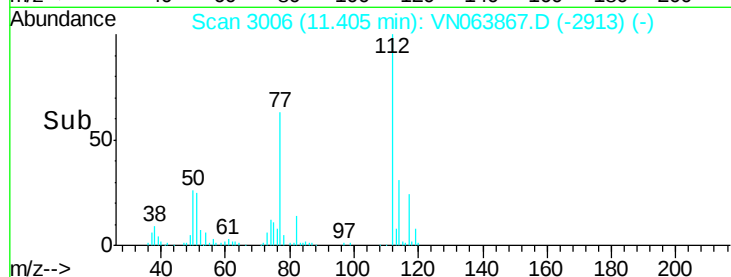
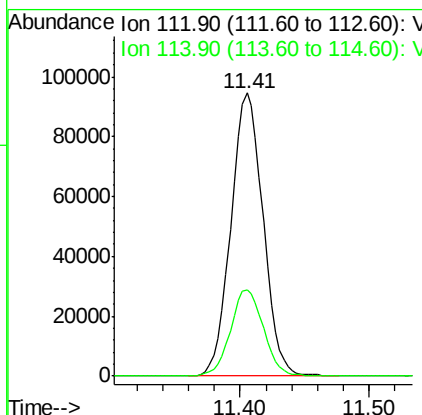
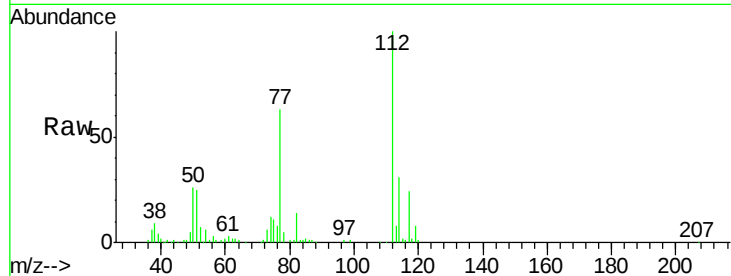
#65  
Chlorobenzene  
Concen: 19.199 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. -0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

Tot Ion:112 Resp: 163563  
Ion Ratio Lower Upper  
112 100  
114 30.5 26.1 39.1

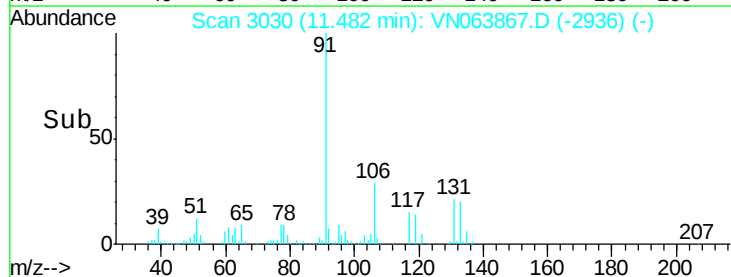
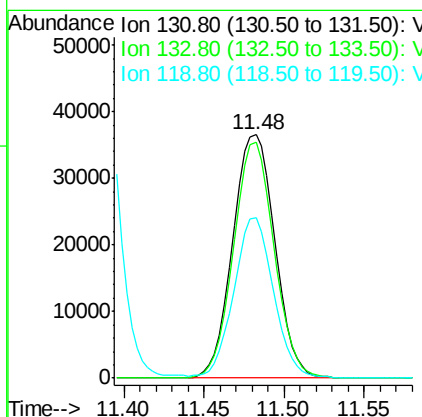
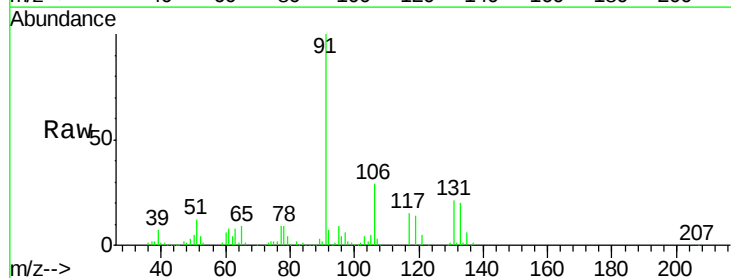
Manual Integrations  
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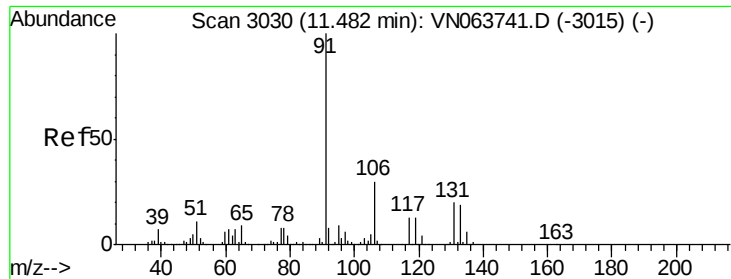
MMDadoda  
10/6/2020 12:56:42 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.101 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Tgt Ion:131 Resp: 65653  
Ion Ratio Lower Upper  
131 100  
133 93.4 47.3 141.8  
119 62.0 32.6 97.7





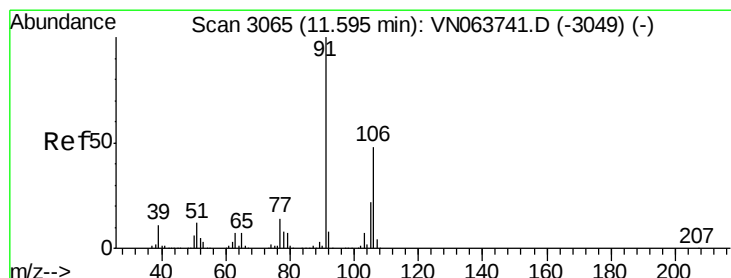
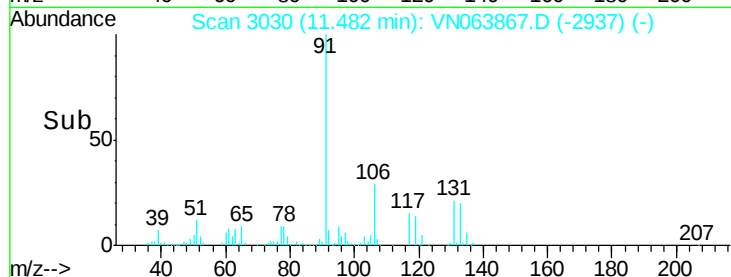
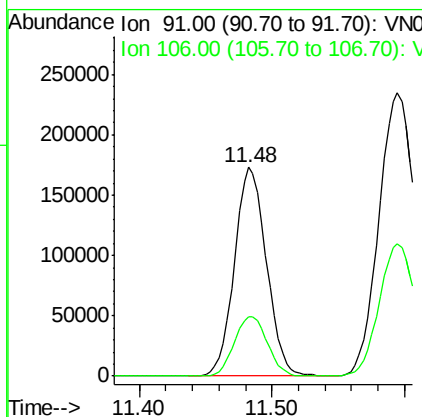
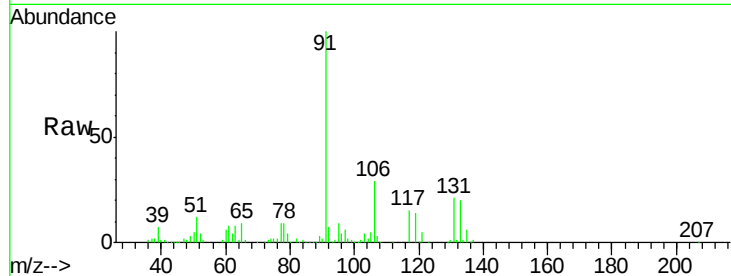
#67  
Ethyl Benzene  
Concen: 18.675 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. -0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

Tot Ion: 91 Resp: 289512  
Ion Ratio Lower Upper  
91 100  
106 28.6 24.2 36.2

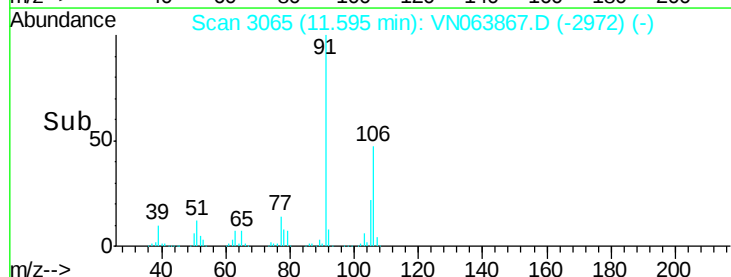
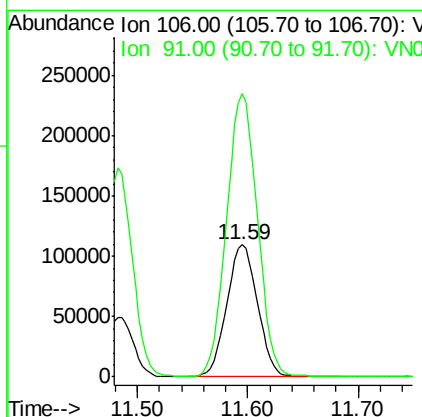
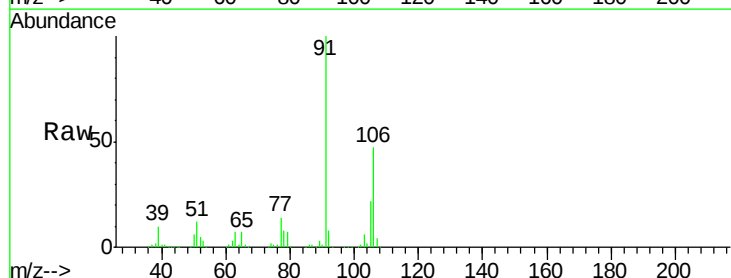
Manual Integrations  
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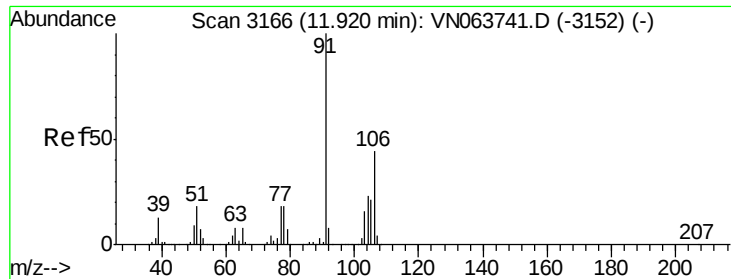
MMDadoda  
10/6/2020 12:56:42 PM



#68  
m/p-Xylenes  
Concen: 36.718 ug/l  
RT: 11.59 min Scan# 3065  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Tgt Ion: 106 Resp: 212146  
Ion Ratio Lower Upper  
106 100  
91 214.6 168.0 252.0





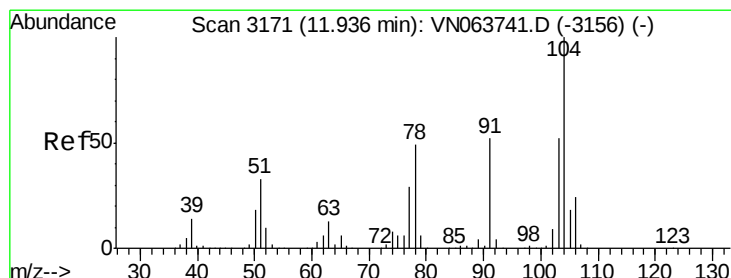
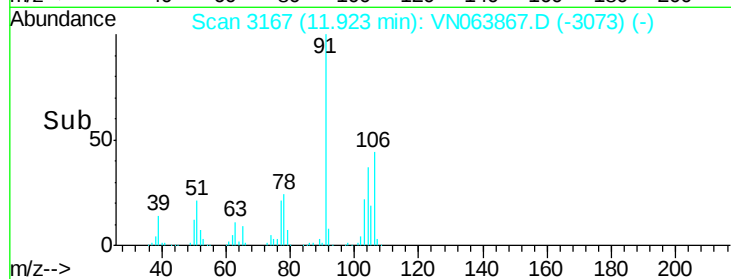
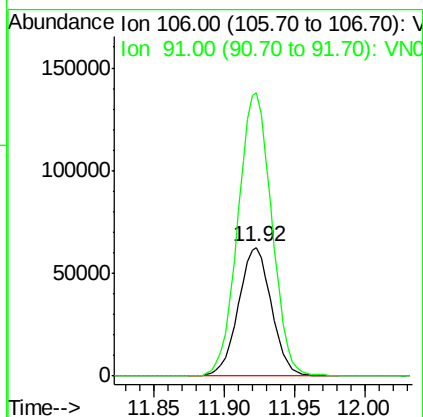
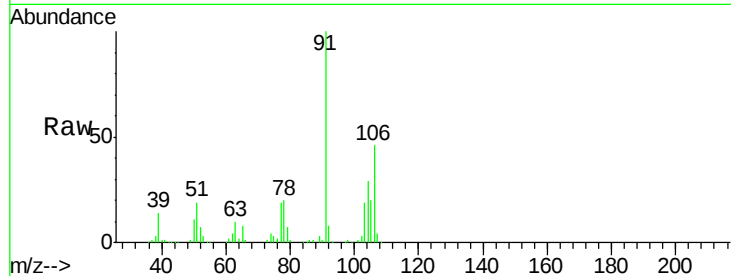
#69  
o-Xylene  
Concen: 19.119 ug/l  
RT: 11.92 min Scan# 3167  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

Tot Ion:106 Resp: 103247  
Ion Ratio Lower Upper  
106 100  
91 224.7 112.7 338.0

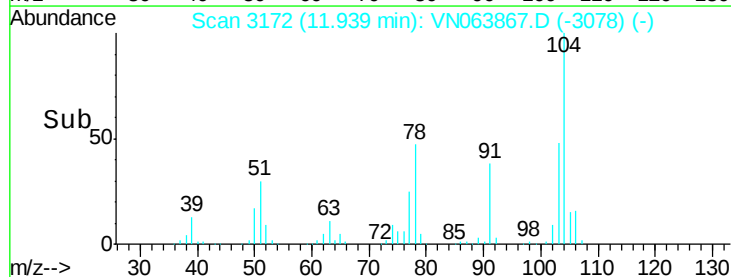
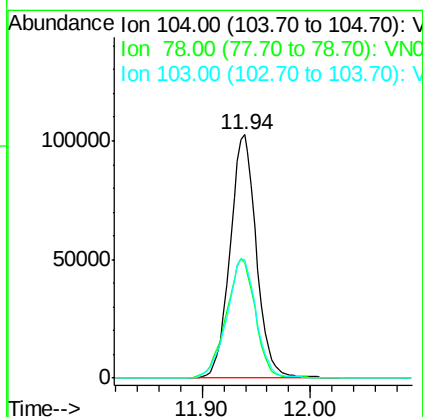
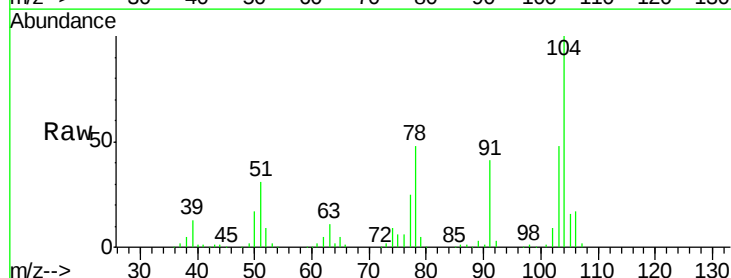
Manual Integrations  
APPROVED

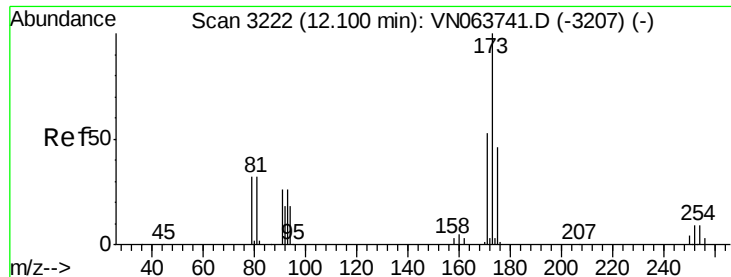
MMDadoda  
10/6/2020 12:56:42 PM



#70  
Styrene  
Concen: 19.035 ug/l  
RT: 11.94 min Scan# 3172  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Tgt Ion:104 Resp: 174494  
Ion Ratio Lower Upper  
104 100  
78 54.1 44.1 66.1  
103 54.4 44.3 66.5





#71

Bromoform

Concen: 18.569 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

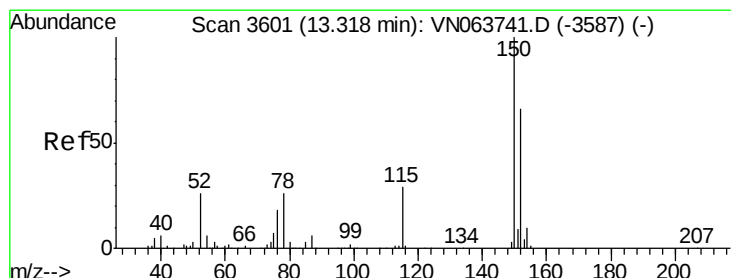
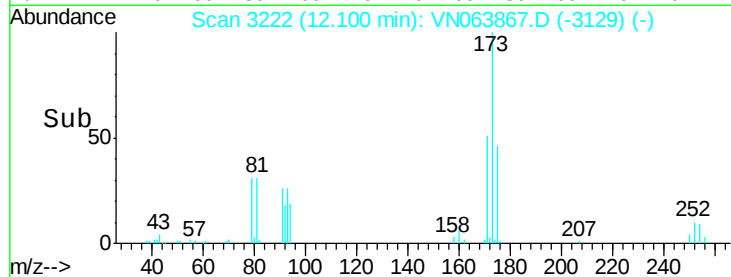
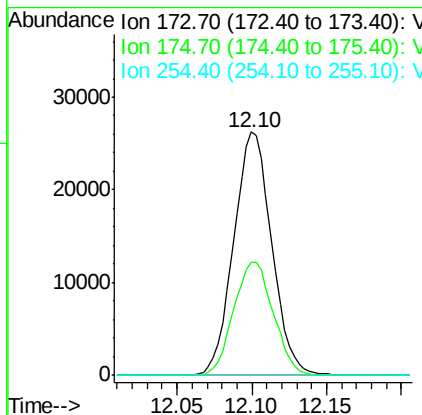
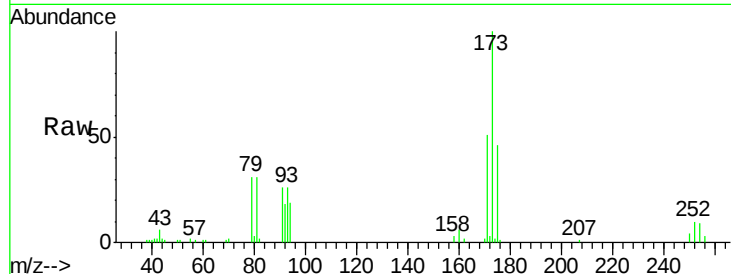
ClientSampleId :

VN1005WBSD01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 173     | 100  |       |       |       |
| 175     | 48.3 | 23.5  | 70.5  |       |
| 254     | 0.0  | 0.0   | 0.0   |       |

Manual Integrations  
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

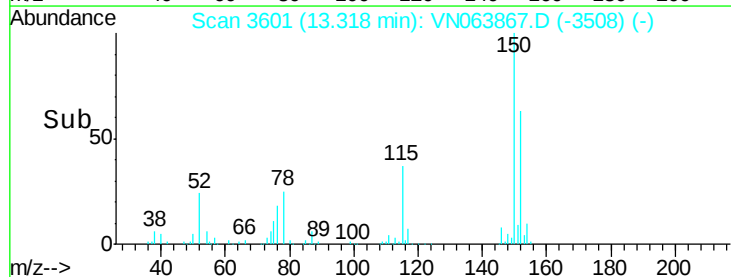
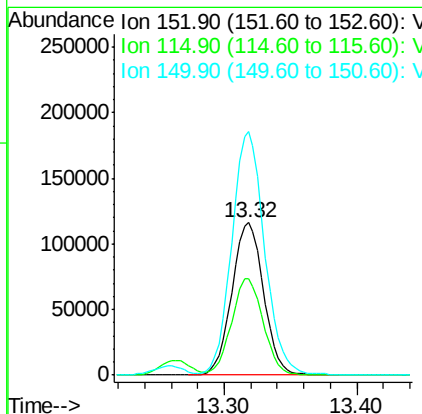
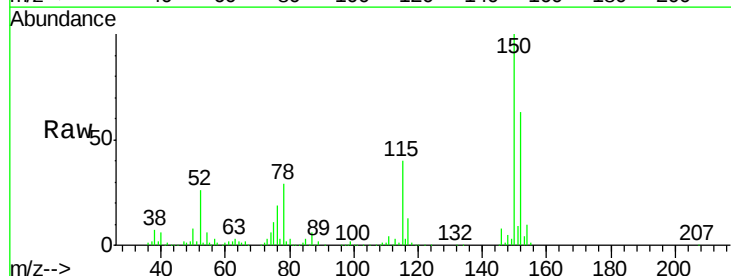
RT: 13.32 min Scan# 3601

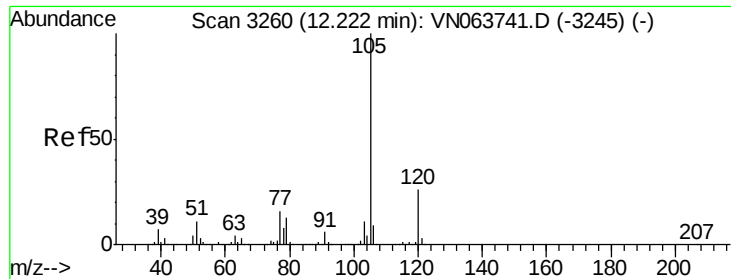
Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 152     | 100   |       |       |       |
| 115     | 62.4  | 31.3  | 93.8  |       |
| 150     | 163.8 | 0.0   | 341.8 |       |





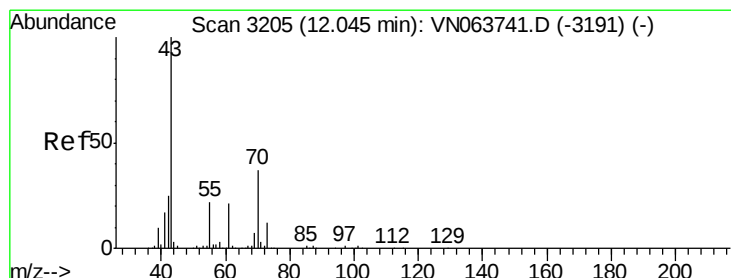
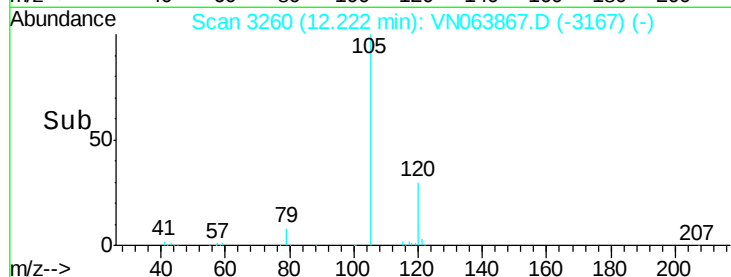
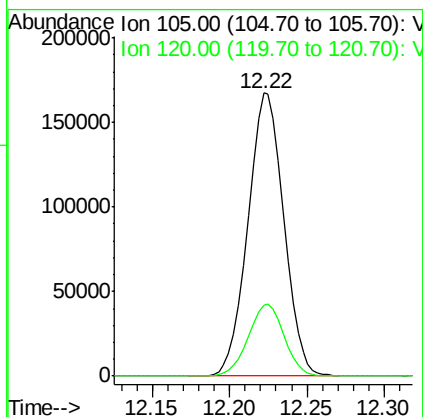
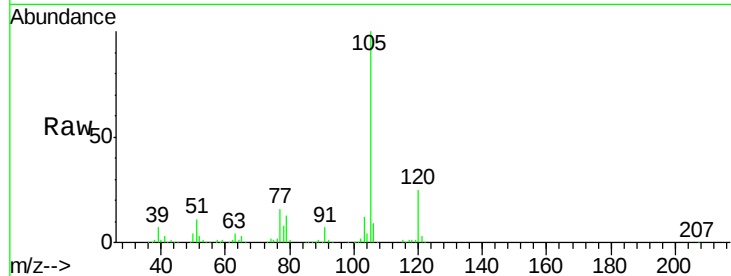
#73  
Isopropylbenzene  
Concen: 19.227 ug/l  
RT: 12.22 min Scan# 3260  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.4  | 12.6  | 37.8  |

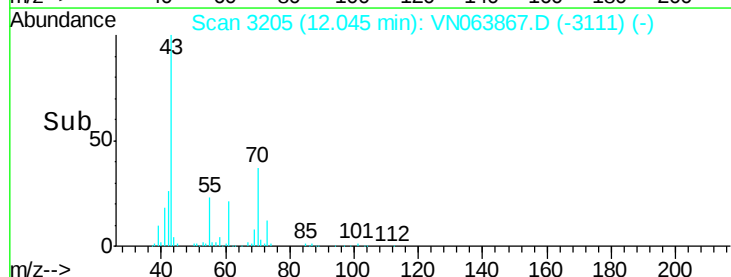
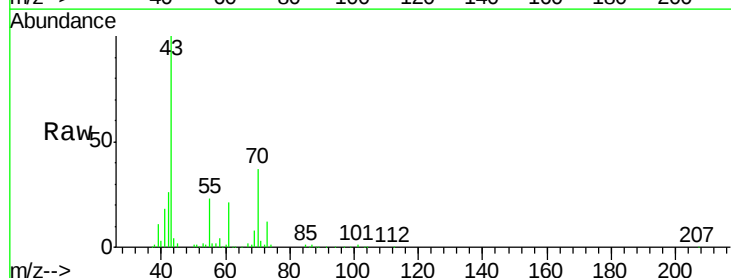
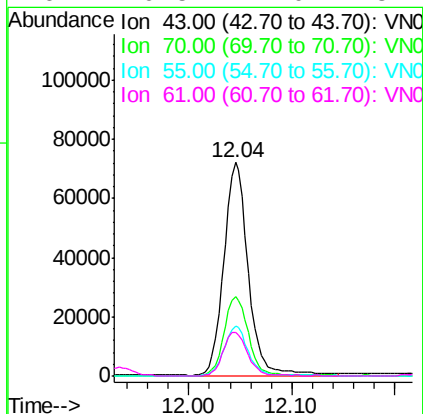
Manual Integrations  
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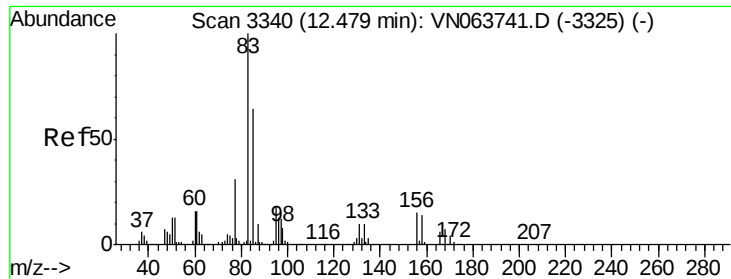
MMDadoda  
10/6/2020 12:56:42 PM



#74  
N-ethyl acetate  
Concen: 19.514 ug/l  
RT: 12.04 min Scan# 3205  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 37.0  | 29.8  | 44.8  |
| 55      | 22.7  | 17.9  | 26.9  |
| 61      | 20.5  | 17.0  | 25.4  |





#75

1,1,2,2-Tetrachloroethane

Concen: 20.251 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

ClientSampleId :

VN1005WBSD01

Tot Ion: 83 Resp: 87336

Ion Ratio Lower Upper

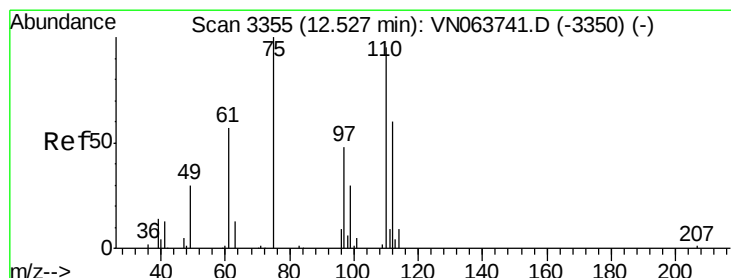
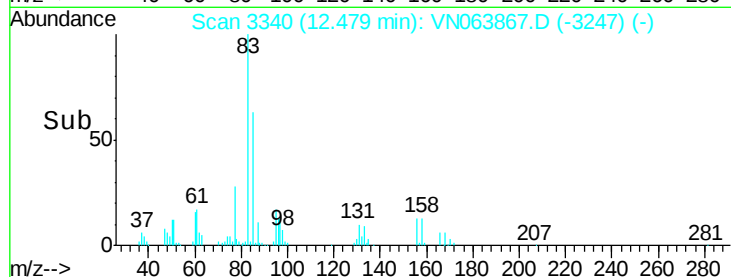
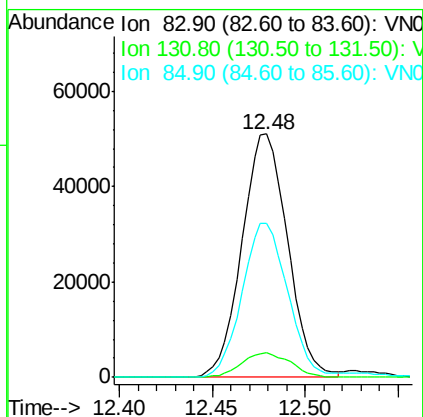
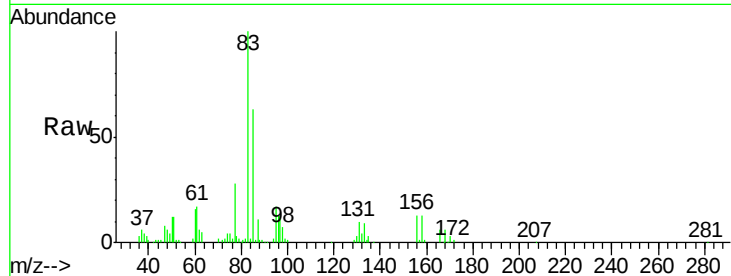
83 100

131 10.8 5.3 15.8

85 65.4 31.3 93.8

Manual Integrations  
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10/6/2020 12:56:42 PM



#76

1,2,3-Trichloropropane

Concen: 19.590 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063867.D

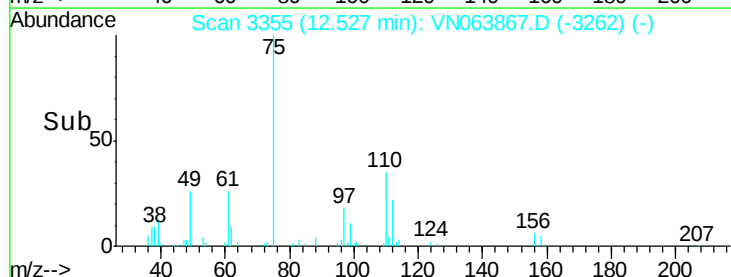
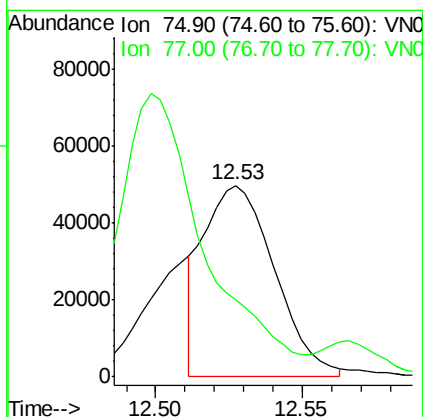
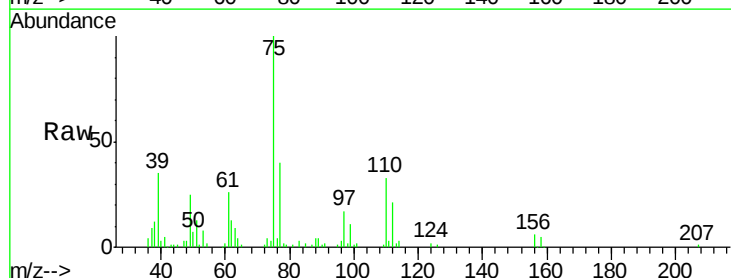
Acq: 5 Oct 2020 13:45

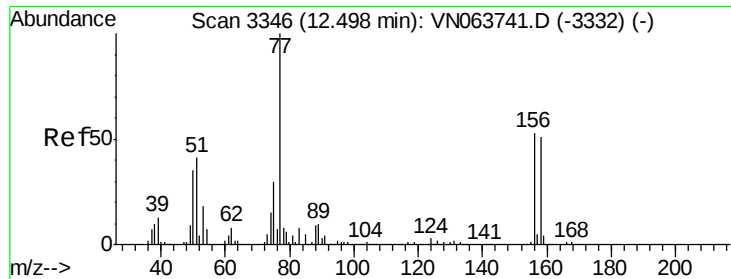
Tgt Ion: 75 Resp: 83497

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.062 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

ClientSampleId :

VN1005WBSD01

Tot Ion:156 Resp: 69424

Ion Ratio Lower Upper

156 100

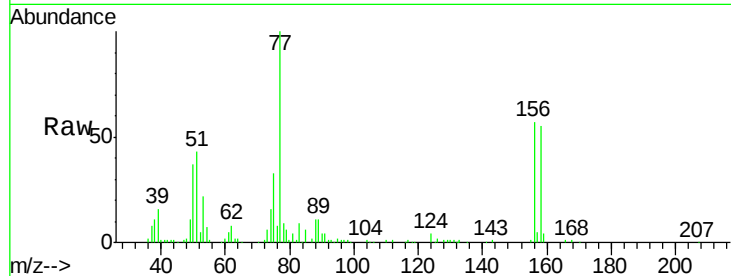
77 219.8 110.9 332.7

158 96.8 47.7 143.1

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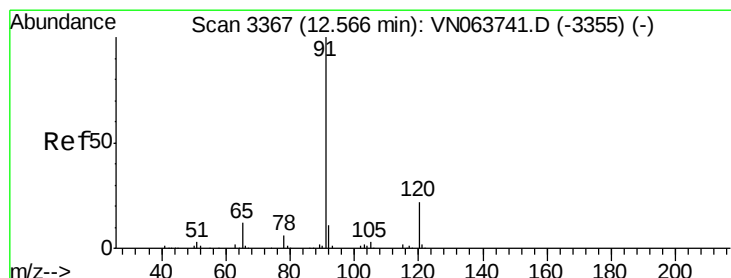
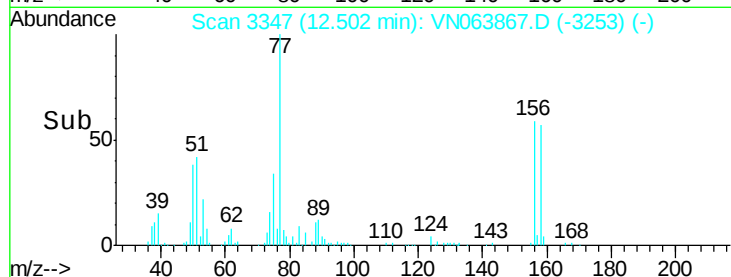
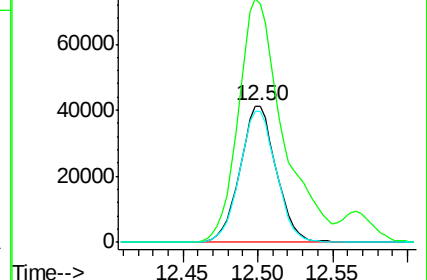
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.596 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063867.D

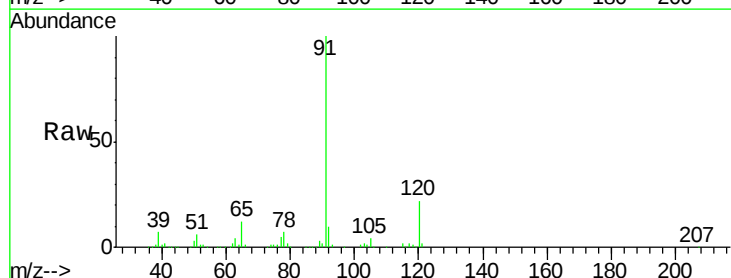
Acq: 5 Oct 2020 13:45

Tgt Ion: 91 Resp: 305224

Ion Ratio Lower Upper

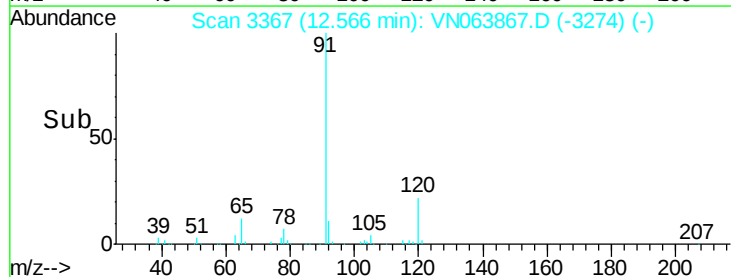
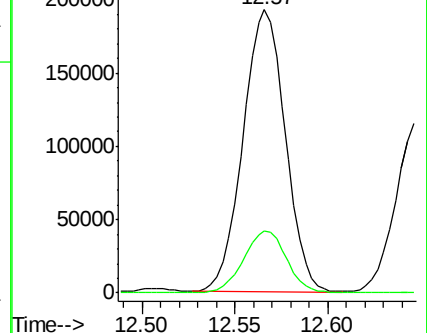
91 100

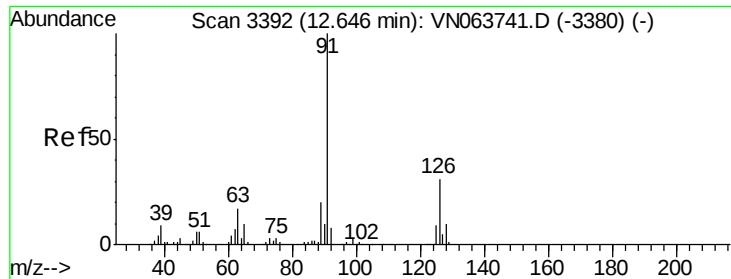
120 22.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





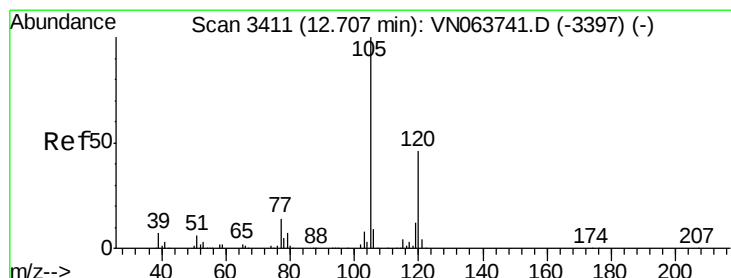
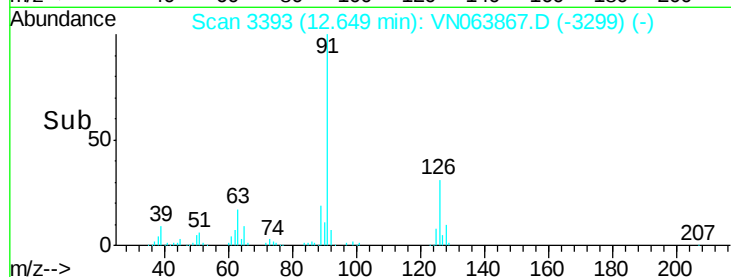
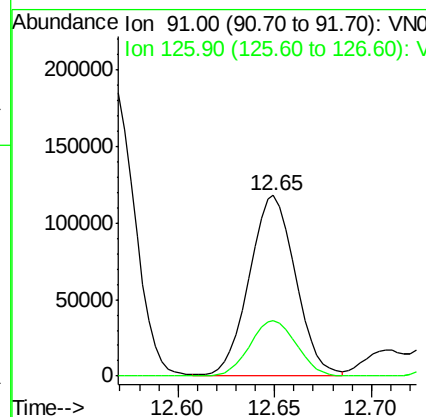
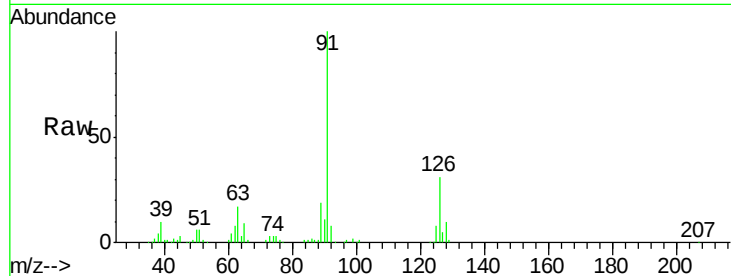
#79  
 2-Chlorotoluene  
 Concen: 19.197 ug/l  
 RT: 12.65 min Scan# 3393  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1005WBSD01

Tot Ion: 91 Resp: 193785  
 Ion Ratio Lower Upper  
 91 100  
 126 31.6 15.9 47.7

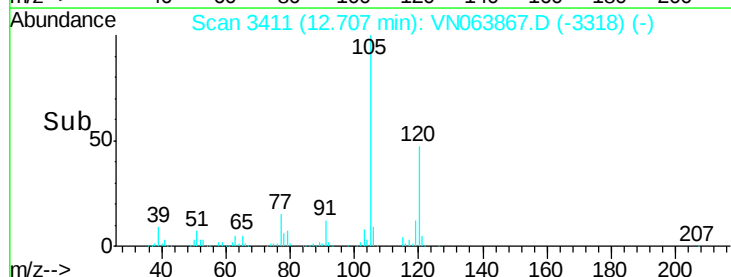
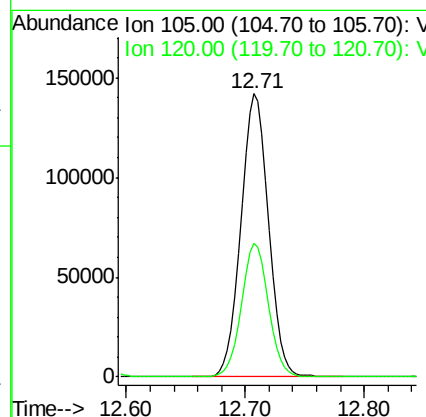
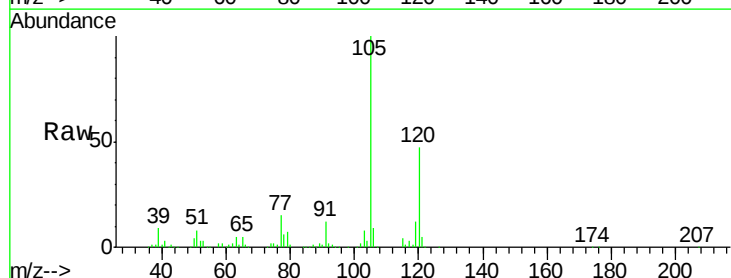
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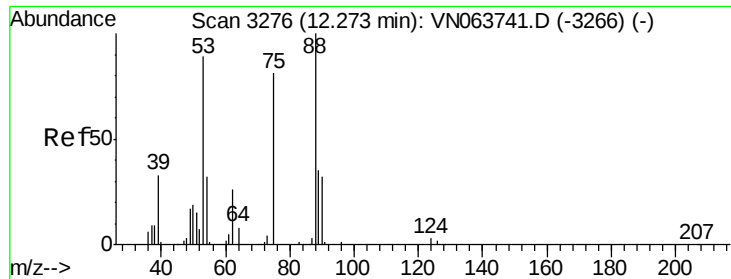
MMDadoda  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.235 ug/l  
 RT: 12.71 min Scan# 3411  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

Tgt Ion: 105 Resp: 227582  
 Ion Ratio Lower Upper  
 105 100  
 120 46.1 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.087 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

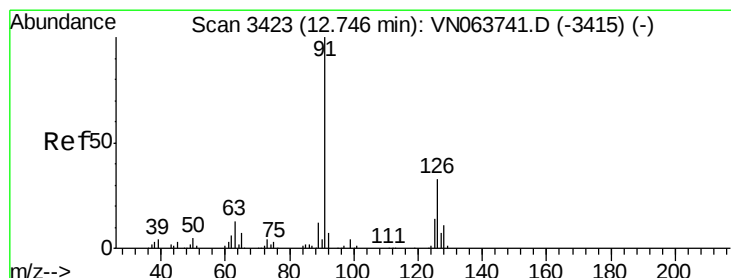
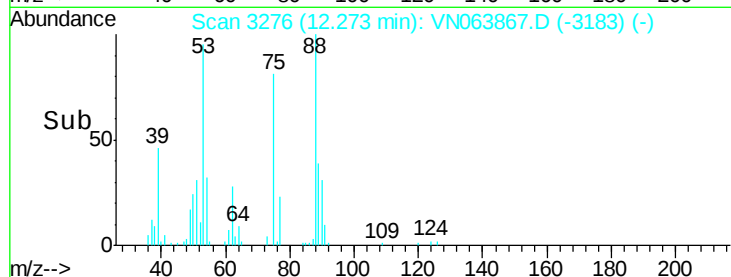
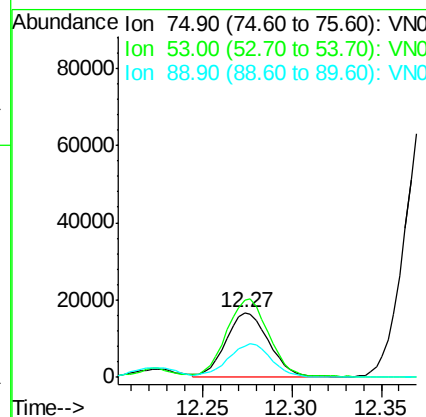
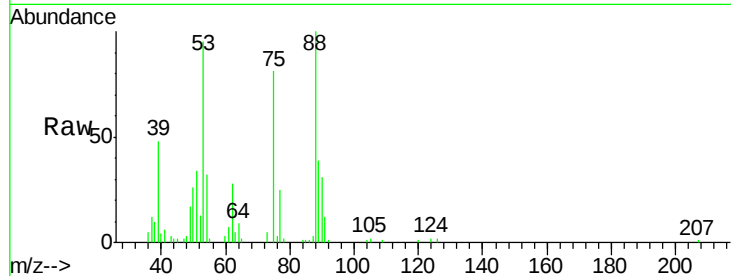
ClientSampleId :

VN1005WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 28247 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 115.2 | 88.2  | 132.2 |
| 89       | 51.7  | 36.0  | 54.0  |

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#82

4-Chlorotoluene

Concen: 19.406 ug/l

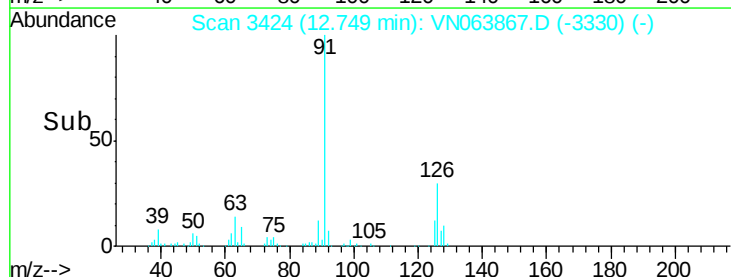
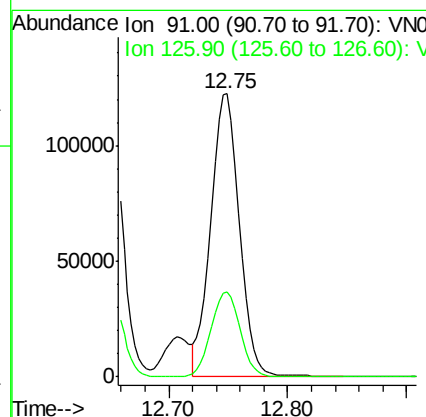
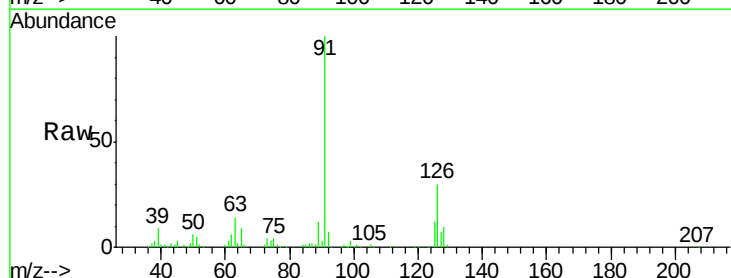
RT: 12.75 min Scan# 3424

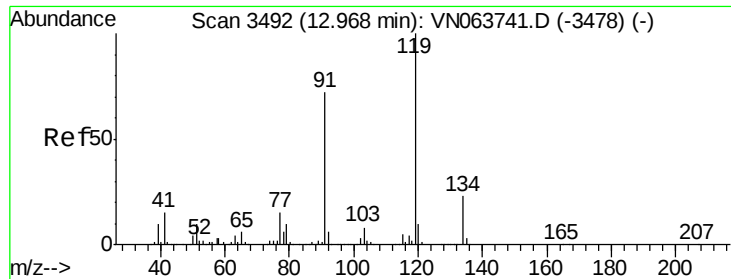
Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 203355 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 30.6  | 15.4  | 46.2   |





#83

tert-Butylbenzene

Concen: 18.981 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

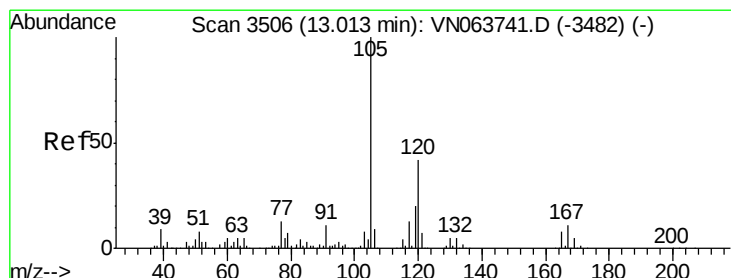
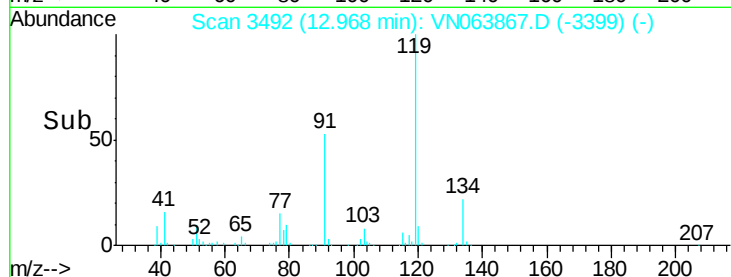
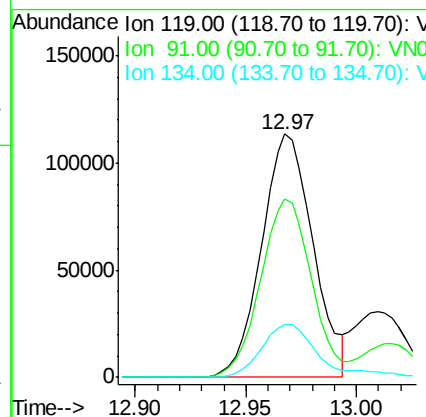
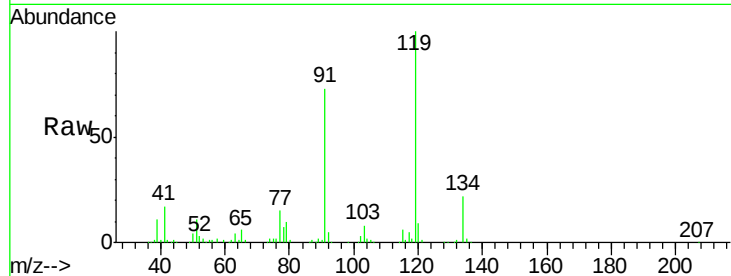
ClientSampleId :

VN1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 73.0  | 35.5  | 106.5 |
| 134     | 24.3  | 11.7  | 35.1  |

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#84

1,2,4-Trimethylbenzene

Concen: 19.596 ug/l

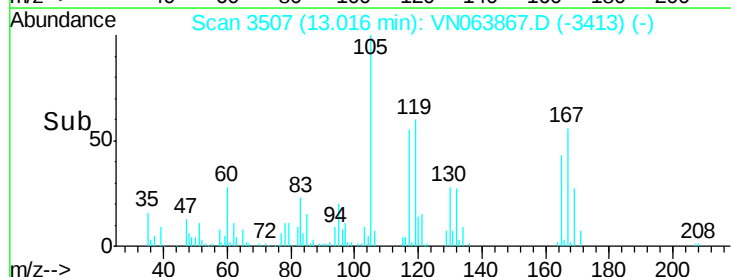
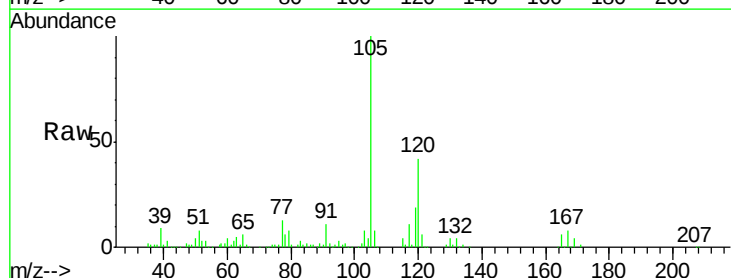
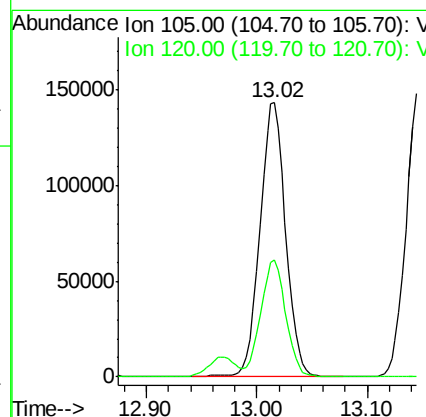
RT: 13.02 min Scan# 3507

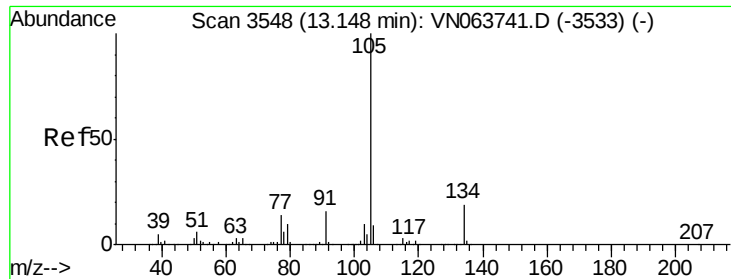
Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 41.6  | 20.9  | 62.7  |





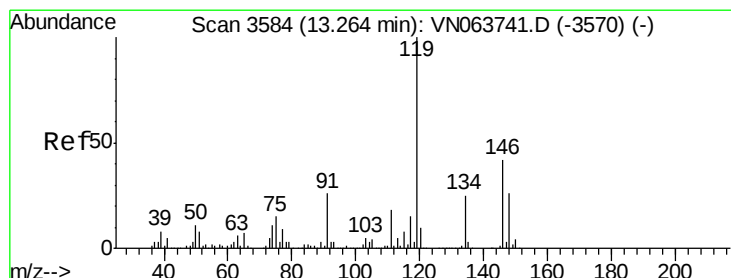
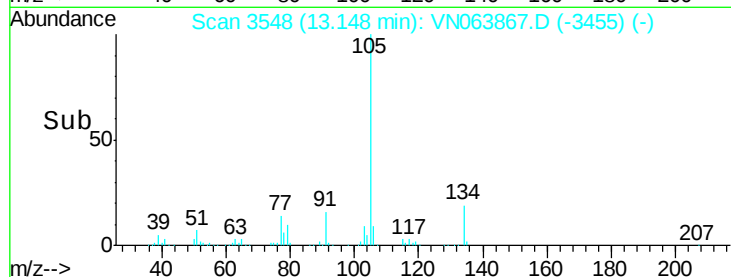
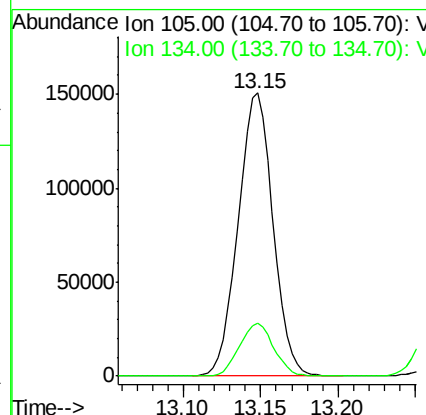
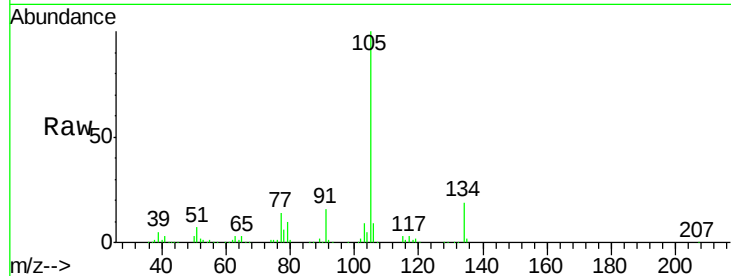
#85  
 sec-Butylbenzene  
 Concen: 18.504 ug/l  
 RT: 13.15 min Scan# 3548  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1005WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 235214 |       |       |
| 134     | 18.5  | 9.5    | 28.5  |       |

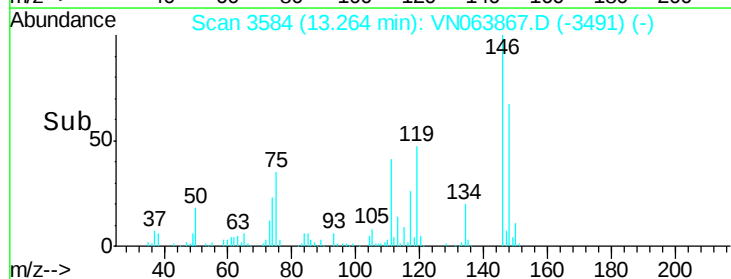
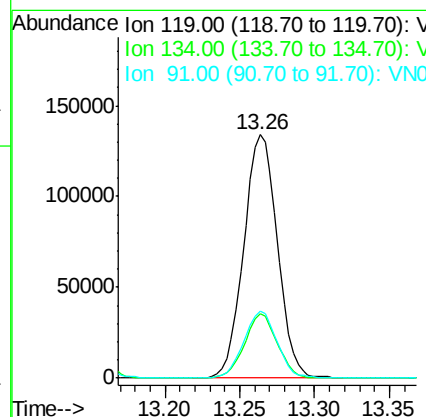
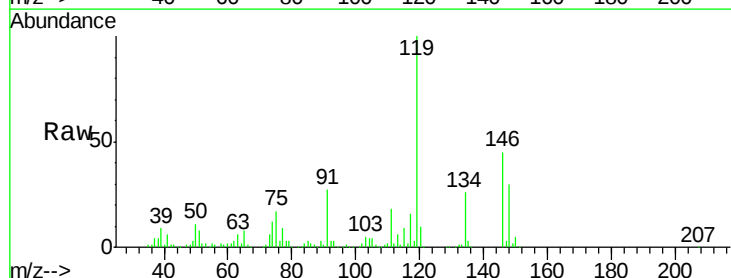
Manual Integrations  
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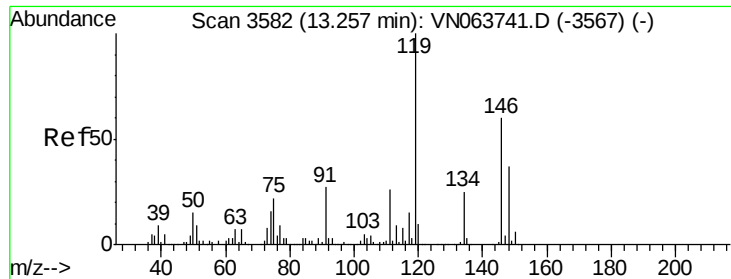
MMDadoda  
 10/6/2020 12:56:42 PM



#86  
 p-Isopropyltoluene  
 Concen: 18.696 ug/l  
 RT: 13.26 min Scan# 3584  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 210244 |       |       |
| 134     | 25.5  | 12.6   | 37.8  |       |
| 91      | 27.3  | 13.4   | 40.2  |       |





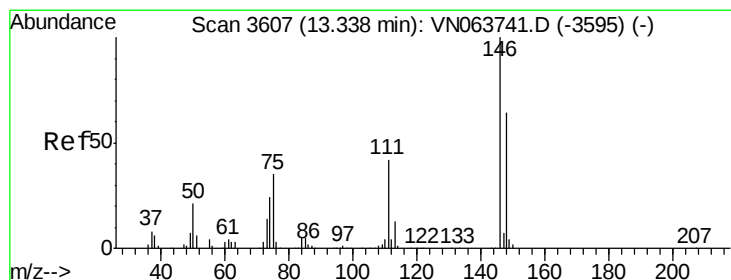
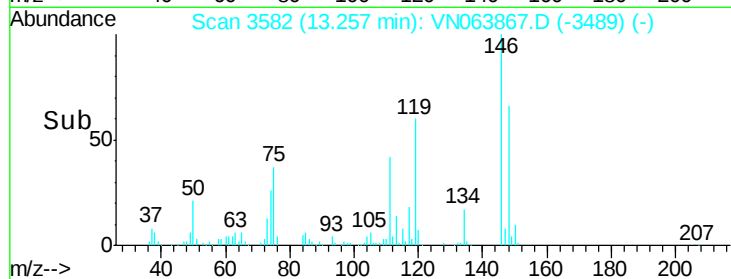
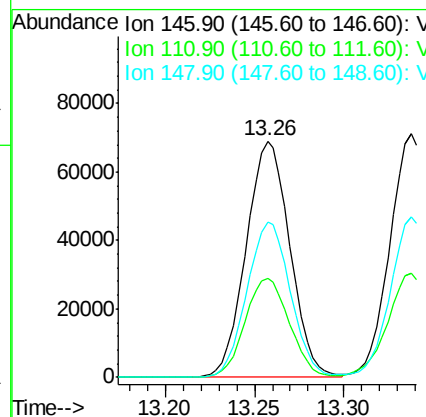
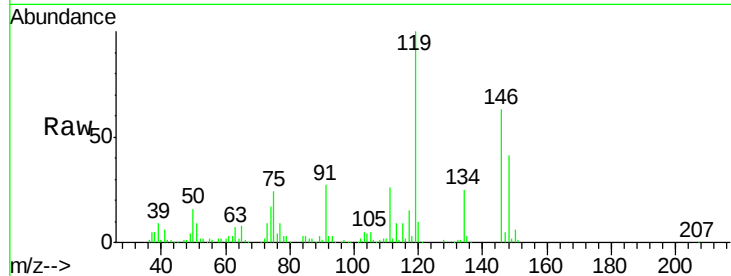
#87  
 1,3-Dichlorobenzene  
 Concen: 18.956 ug/l  
 RT: 13.26 min Scan# 3582  
 Delta R.T. -0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.4  | 21.5  | 64.5  |
| 148     | 65.2  | 31.1  | 93.3  |

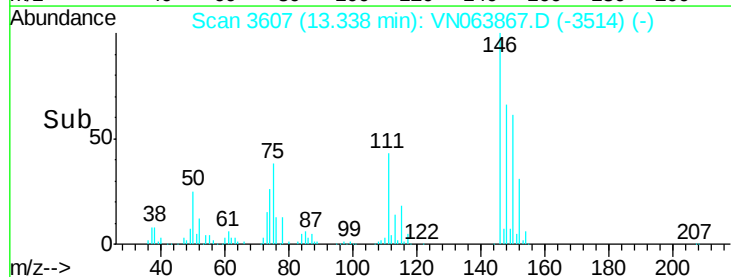
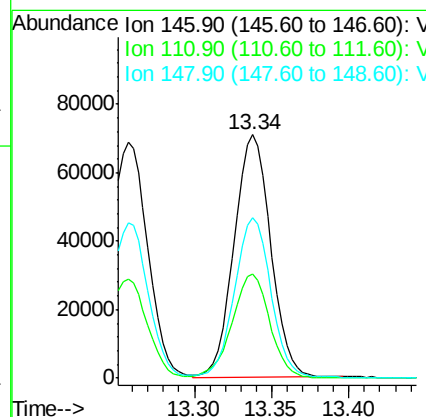
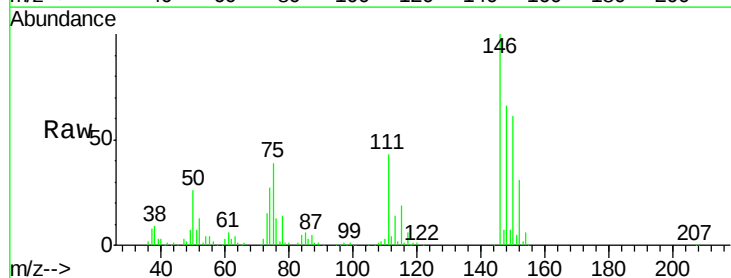
Manual Integrations  
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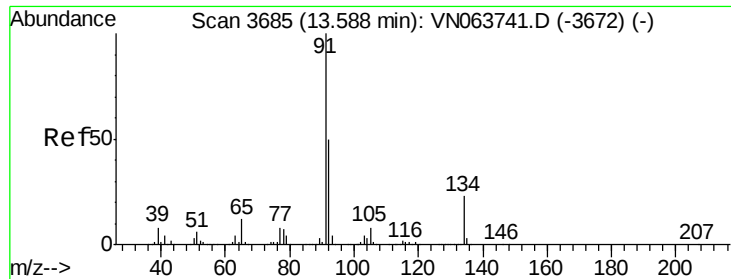
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 10/6/2020 12:56:42 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 17.850 ug/l  
 RT: 13.34 min Scan# 3607  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.8  | 21.3  | 63.7  |
| 148     | 65.6  | 32.0  | 96.0  |





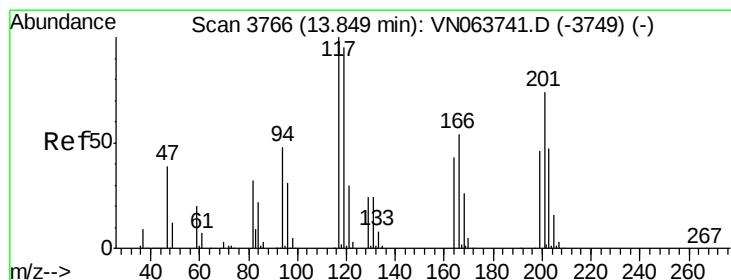
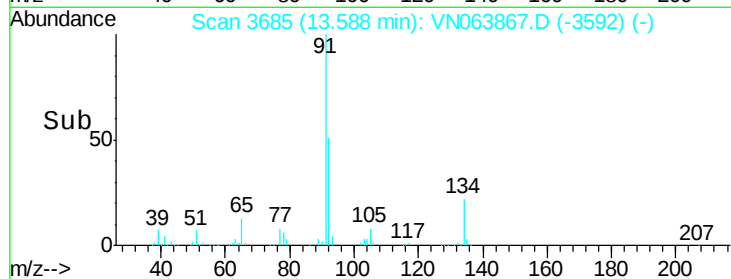
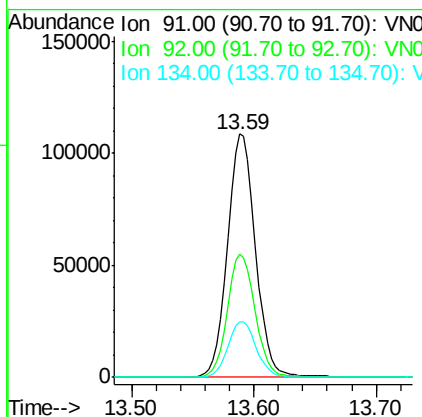
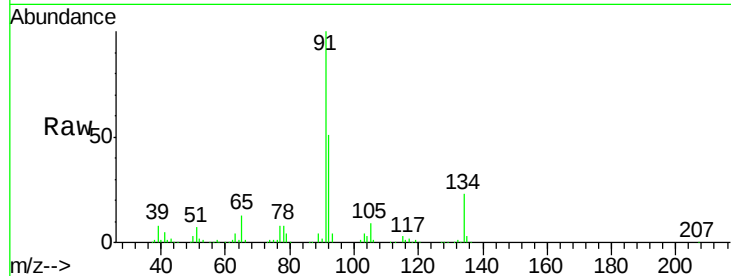
#89  
n-Butylbenzene  
Concen: 16.831 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 50.3  | 25.4  | 76.4  |
| 134     | 23.2  | 11.7  | 35.1  |

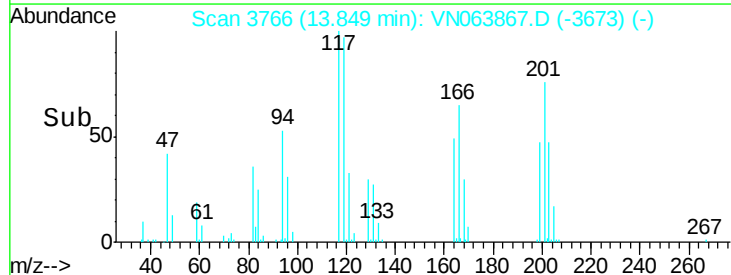
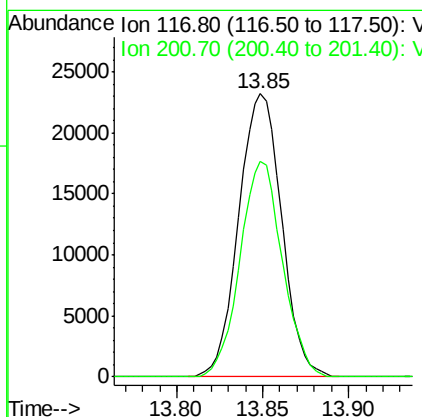
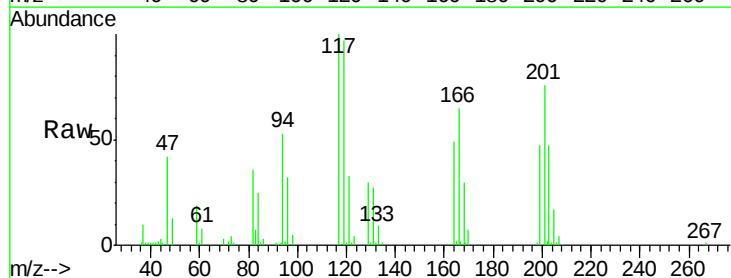
Manual Integrations  
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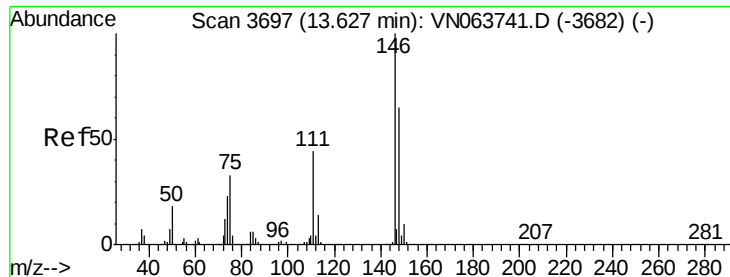
MMDadoda  
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#90  
Hexachloroethane  
Concen: 18.470 ug/l  
RT: 13.85 min Scan# 3766  
Delta R.T. 0.00 min  
Lab File: VN063867.D  
Acq: 5 Oct 2020 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 75.1  | 36.0  | 108.0 |





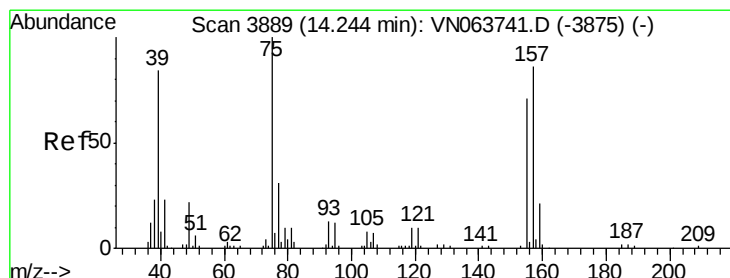
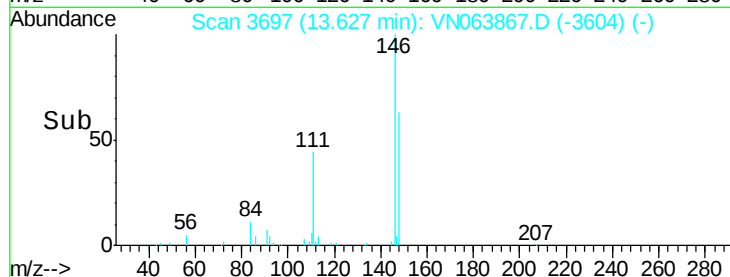
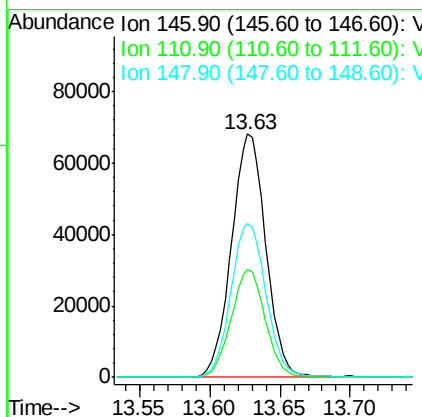
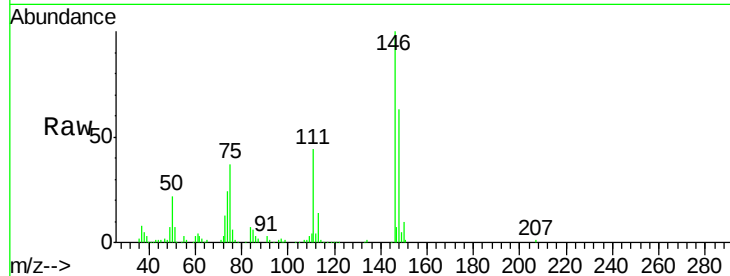
#91  
 1,2-Dichlorobenzene  
 Concen: 18.774 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.1  | 22.2  | 66.6  |
| 148     | 65.0  | 32.5  | 97.4  |

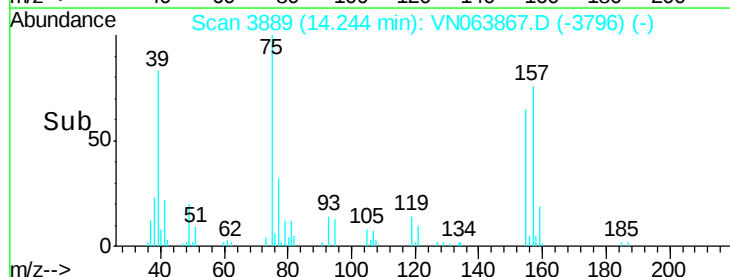
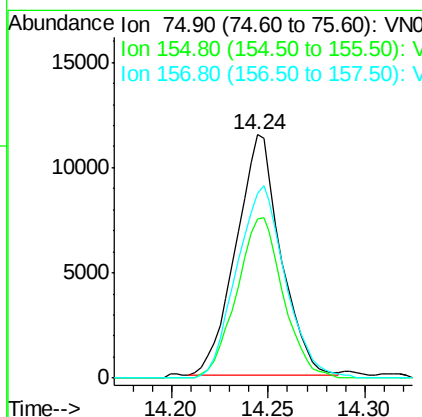
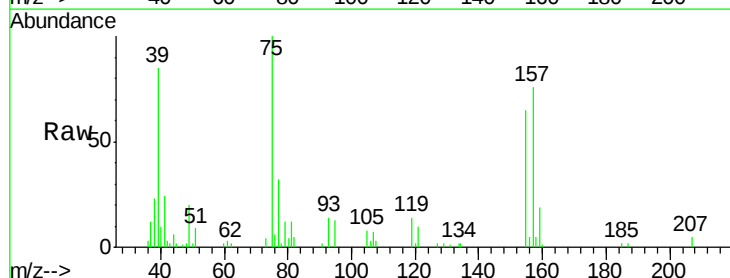
Manual Integrations  
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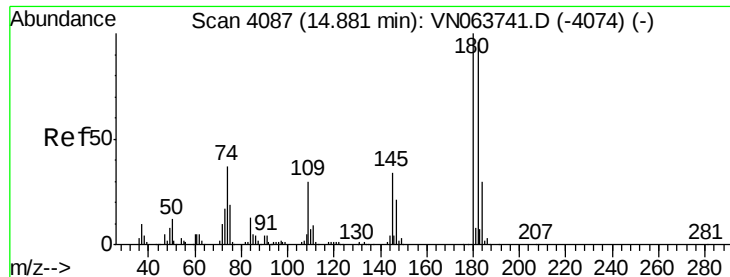
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.163 ug/l  
 RT: 14.24 min Scan# 3889  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 69.3  | 34.8  | 104.5 |
| 157     | 87.0  | 43.7  | 131.1 |





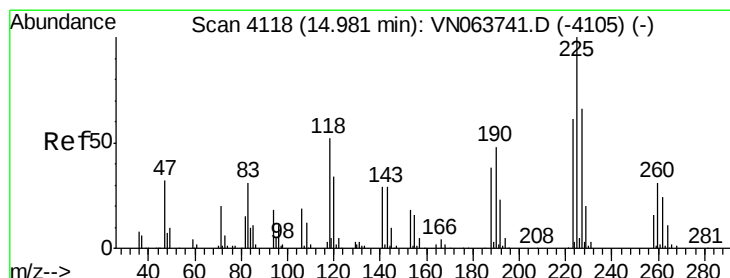
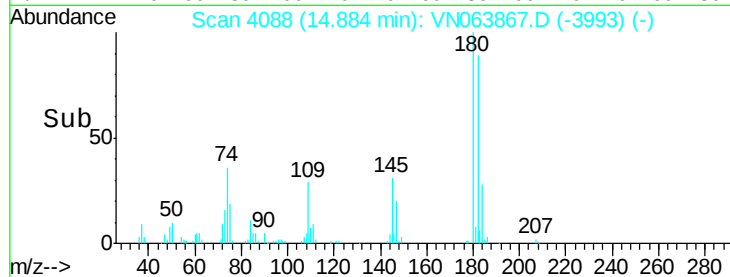
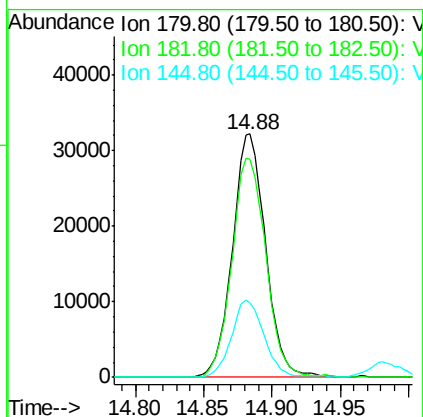
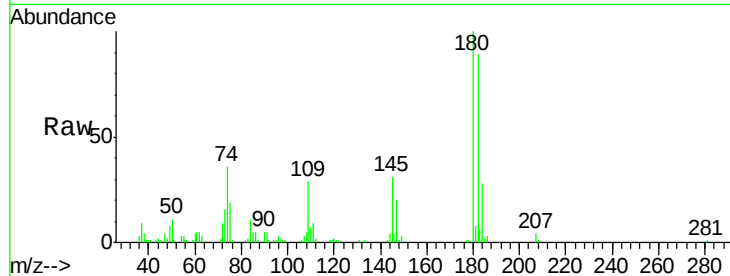
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.258 ug/l  
 RT: 14.88 min Scan# 4088  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1005WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.2  | 48.2  | 144.6 |
| 145     | 31.2  | 17.1  | 51.2  |

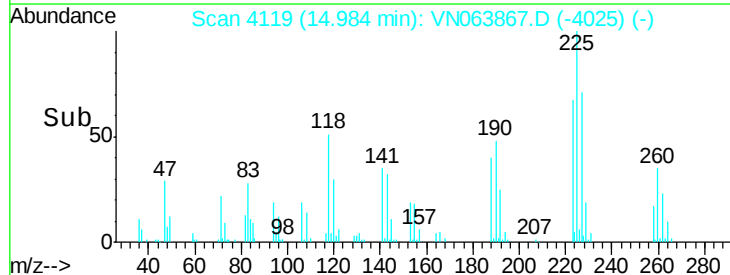
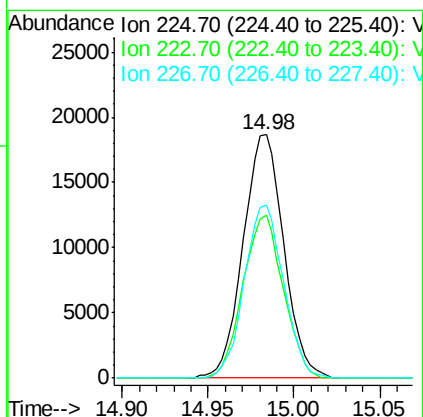
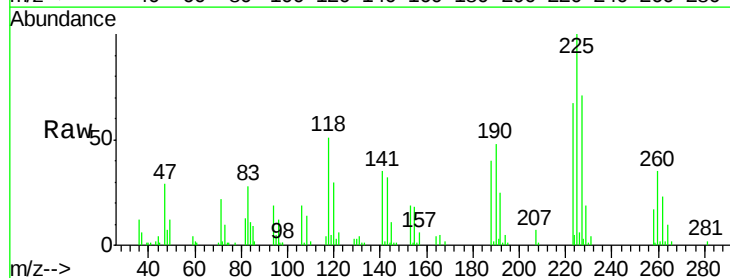
Manual Integrations  
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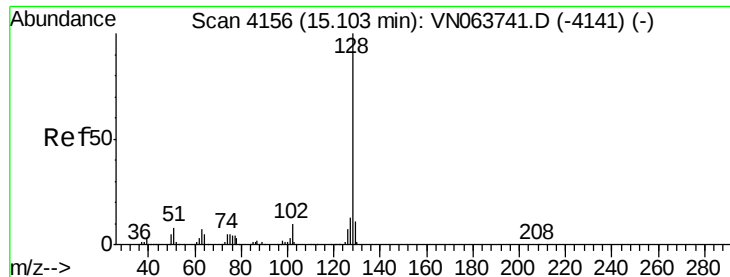
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#94  
 Hexachlorobutadiene  
 Concen: 18.229 ug/l  
 RT: 14.98 min Scan# 4119  
 Delta R.T. 0.00 min  
 Lab File: VN063867.D  
 Acq: 5 Oct 2020 13:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 66.1  | 30.3  | 91.0  |
| 227     | 68.9  | 31.9  | 95.5  |





#95

Naphthalene

Concen: 16.395 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

Instrument :

MSVOA\_N

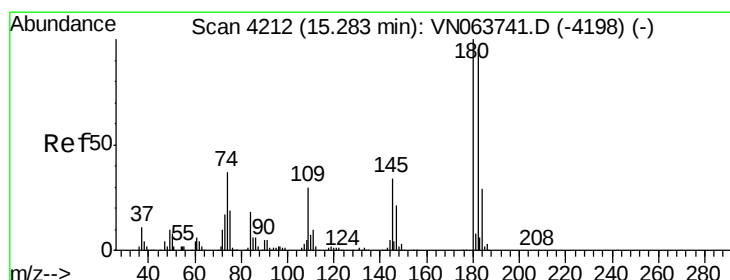
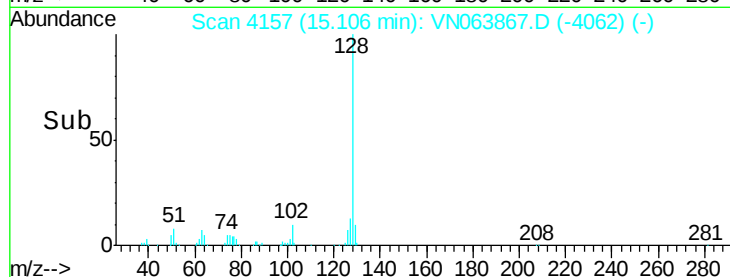
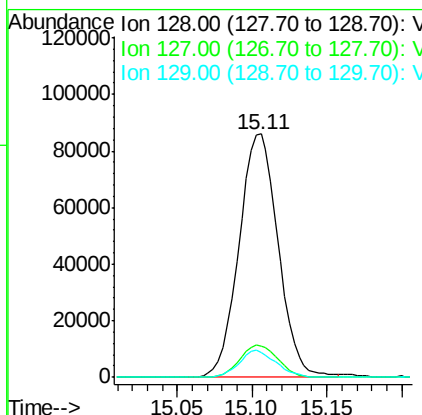
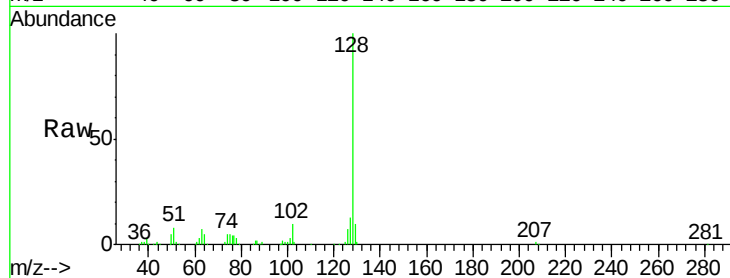
ClientSampleId :

VN1005WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 157012 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.9  | 10.5  | 15.7   |
| 129       | 10.4  | 8.7   | 13.1   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 16.960 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063867.D

Acq: 5 Oct 2020 13:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 51966 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.3  | 47.9  | 143.6 |
| 145       | 31.5  | 17.2  | 51.5  |

