

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\  
 Data File : VN064455.D  
 Acq On : 5 Nov 2020 12:52  
 Operator : JC/MD  
 Sample : VN1105WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1105WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 11/6/2020 8:51:12 AM

Quant Time: Nov 06 03:03:02 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 04 12:09:03 2020  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|-------|------|----------|---------|--------|----------|
| 1) Pentafluorobenzene         | 7.63  | 168  | 294854   | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.55  | 114  | 523595   | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.38 | 117  | 483139   | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.32 | 152  | 213182   | 50.00   | ug/l   | 0.00     |
| System Monitoring Compounds   |       |      |          |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 7.99  | 65   | 253696   | 49.40   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 98.80% |          |
| 35) Dibromofluoromethane      | 7.55  | 113  | 169682   | 47.60   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 95.20% |          |
| 50) Toluene-d8                | 10.06 | 98   | 644422   | 46.77   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 93.54% |          |
| 62) 4-Bromofluorobenzene      | 12.38 | 95   | 238203   | 45.71   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 91.42% |          |
| Target Compounds              |       |      |          |         |        |          |
|                               |       |      |          |         | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.83  | 85   | 71308    | 18.578  | ug/l   | 97       |
| 3) Chloromethane              | 2.04  | 50   | 85670    | 18.376  | ug/l   | 96       |
| 4) Vinyl Chloride             | 2.17  | 62   | 88514    | 18.488  | ug/l   | 95       |
| 5) Bromomethane               | 2.54  | 94   | 58895    | 19.256  | ug/l   | 99       |
| 6) Chloroethane               | 2.68  | 64   | 57164    | 18.650  | ug/l   | 97       |
| 7) Trichlorofluoromethane     | 2.99  | 101  | 133372   | 18.919  | ug/l   | 96       |
| 8) Diethyl Ether              | 3.37  | 74   | 49756    | 19.986  | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71  | 101  | 62483    | 18.665  | ug/l # | 84       |
| 10) Methyl Iodide             | 3.91  | 142  | 68470    | 17.602  | ug/l   | 99       |
| 11) Tert butyl alcohol        | 4.75  | 59   | 60745    | 107.251 | ug/l   | 98       |
| 12) 1,1-Dichloroethene        | 3.69  | 96   | 56686    | 17.976  | ug/l   | 97       |
| 13) Acrolein                  | 3.56  | 56   | 31727    | 90.308  | ug/l   | 98       |
| 14) Allyl chloride            | 4.27  | 41   | 112350   | 18.213  | ug/l   | 99       |
| 15) Acrylonitrile             | 4.93  | 53   | 164707   | 104.451 | ug/l   | 98       |
| 16) Acetone                   | 3.78  | 43   | 178035   | 91.003  | ug/l   | 98       |
| 17) Carbon Disulfide          | 4.01  | 76   | 167342   | 17.745  | ug/l   | 99       |
| 18) Methyl Acetate            | 4.29  | 43   | 74336    | 19.327  | ug/l   | 100      |
| 19) Methyl tert-butyl Ether   | 5.00  | 73   | 211837   | 18.665  | ug/l   | 99       |
| 20) Methylene Chloride        | 4.50  | 84   | 71269    | 18.361  | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene  | 4.98  | 96   | 66687    | 18.625  | ug/l   | 96       |
| 22) Diisopropyl ether         | 5.91  | 45   | 239411   | 18.283  | ug/l   | 96       |
| 23) Vinyl Acetate             | 5.85  | 43   | 1021440  | 95.889  | ug/l   | 100      |
| 24) 1,1-Dichloroethane        | 5.80  | 63   | 132797   | 18.456  | ug/l   | 99       |
| 25) 2-Butanone                | 6.79  | 43   | 244254   | 97.989  | ug/l   | 98       |
| 26) 2,2-Dichloropropane       | 6.78  | 77   | 113006   | 17.349  | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene    | 6.78  | 96   | 72793    | 17.545  | ug/l   | 98       |
| 28) Bromochloromethane        | 7.15  | 49   | 61897    | 17.501  | ug/l   | 99       |
| 29) Tetrahydrofuran           | 7.17  | 42   | 151562   | 99.104  | ug/l   | 99       |
| 30) Chloroform                | 7.33  | 83   | 142671   | 18.863  | ug/l   | 96       |
| 31) Cyclohexane               | 7.61  | 56   | 105485   | 16.896  | ug/l # | 91       |
| 32) 1,1,1-Trichloroethane     | 7.53  | 97   | 123116   | 18.352  | ug/l   | 99       |
| 36) 1,1-Dichloropropene       | 7.75  | 75   | 99936    | 18.067  | ug/l   | 99       |
| 37) Ethyl Acetate             | 6.89  | 43   | 100091   | 18.319  | ug/l   | 100      |
| 38) Carbon Tetrachloride      | 7.73  | 117  | 106952   | 18.092  | ug/l   | 95       |

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 Sample : VN1105WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1105WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 11/6/2020 8:51:12 AM

Quant Time: Nov 06 03:03:02 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 04 12:09:03 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 39) Methylcyclohexane          | 9.05  | 83   | 84635    | 17.069  | ug/l   | 94       |
| 40) Benzene                    | 8.00  | 78   | 291487   | 17.933  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.13  | 41   | 55107    | 22.471  | ug/l # | 74       |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 127349   | 19.415  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 169039   | 18.857  | ug/l   | 100      |
| 44) Trichloroethene            | 8.80  | 130  | 73953    | 18.033  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 78812    | 18.172  | ug/l   | 96       |
| 46) Dibromomethane             | 9.17  | 93   | 53944    | 18.895  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.37  | 83   | 114614   | 18.670  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.17  | 41   | 84577    | 18.698  | ug/l   | 100      |
| 49) 1,4-Dioxane                | 9.16  | 88   | 25089    | 421.108 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 526781   | 100.769 | ug/l   | 99       |
| 52) Toluene                    | 10.13 | 92   | 177321   | 17.887  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 119302   | 18.331  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 127221   | 18.283  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 73248    | 18.945  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 102461   | 17.355  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 129977   | 19.260  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 273363   | 104.649 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.72 | 43   | 378129   | 91.303  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.87 | 129  | 82203    | 18.990  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 75530    | 19.260  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 67468    | 18.129  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.41 | 112  | 189828   | 17.923  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 74376    | 18.823  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.48 | 91   | 333751   | 17.716  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.59 | 106  | 243653   | 35.662  | ug/l   | 98       |
| 69) o-Xylene                   | 11.92 | 106  | 116132   | 17.590  | ug/l   | 96       |
| 70) Styrene                    | 11.94 | 104  | 198163   | 17.837  | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 51146    | 18.074  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.22 | 105  | 304369   | 17.963  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.05 | 43   | 140153   | 17.855  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 102793   | 19.751  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 100715m  | 19.499  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 75083    | 18.150  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.57 | 91   | 361109   | 18.693  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 229116   | 18.700  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 255507   | 18.278  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 31270    | 16.903  | ug/l   | 90       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 233129   | 18.169  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.97 | 119  | 199433   | 18.267  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 258653   | 18.406  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.14 | 105  | 260714   | 18.856  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 227898   | 18.324  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 128458   | 17.963  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 132193   | 17.888  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.59 | 91   | 194803   | 18.218  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 44678    | 18.623  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 129602   | 18.841  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 21653    | 20.896  | ug/l   | 97       |

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Acq On : 5 Nov 2020 12:52  
Operator : JC/MD  
Sample : VN1105WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

Manual Integrations  
APPROVED

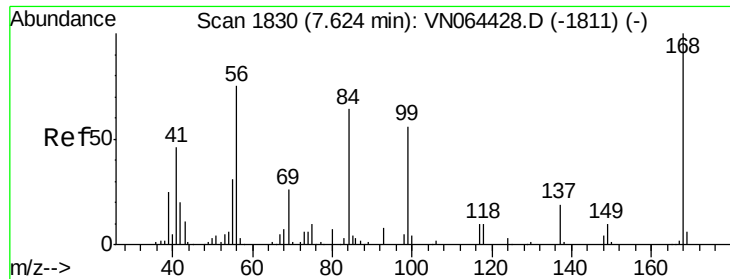
MMDadoda  
11/6/2020 8:51:12 AM

Quant Time: Nov 06 03:03:02 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110420W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 04 12:09:03 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 51644    | 16.957 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 26355    | 18.818 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 167556   | 16.915 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 55792    | 18.698 | ug/l  | 95       |

(#) = 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: VN064455.D

Acq: 5 Nov 2020 12:52

Instrument :

MSVOA\_N

ClientSampleId :

VN1105WBSD01

Tot Ion:168 Resp: 294854

Ion Ratio Lower Upper

168 100

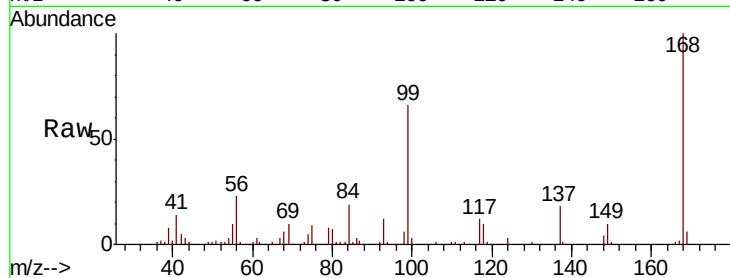
99 66.0 53.4 80.2

Manual Integrations

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11/6/2020 8:51:12 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

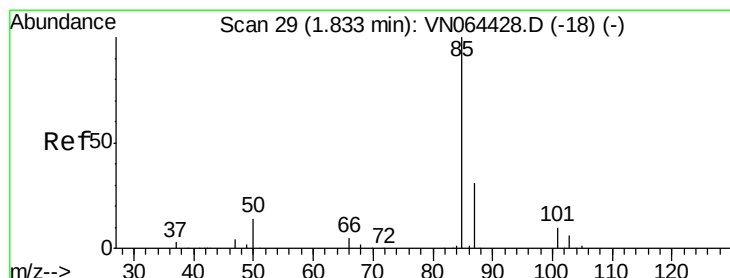
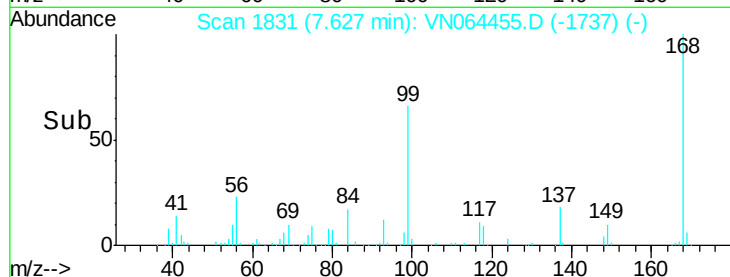
7.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.578 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064455.D

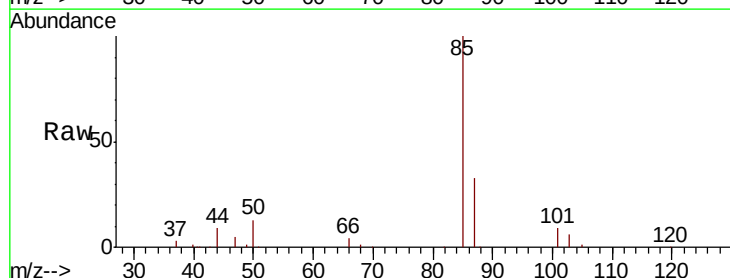
Acq: 5 Nov 2020 12:52

Tgt Ion: 85 Resp: 71308

Ion Ratio Lower Upper

85 100

87 32.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

60000

50000

40000

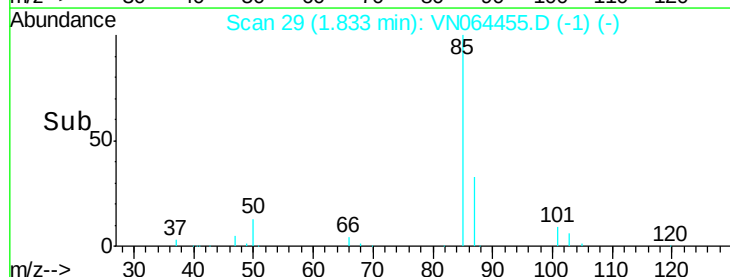
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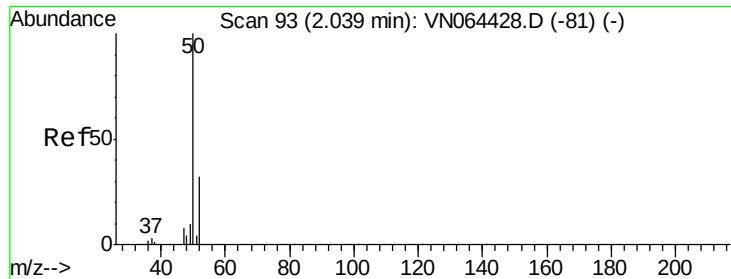
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10000

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Time-->





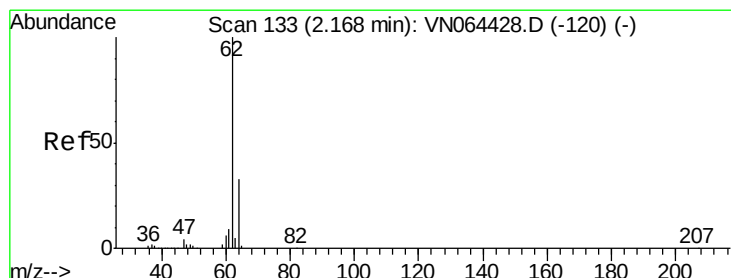
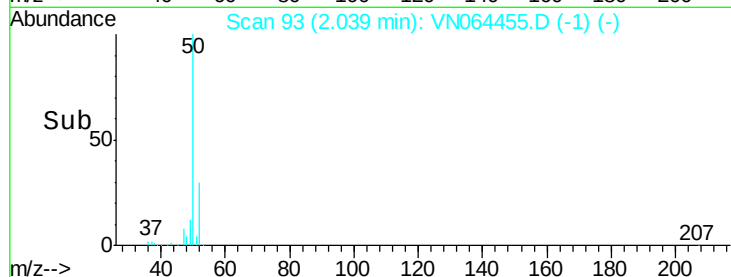
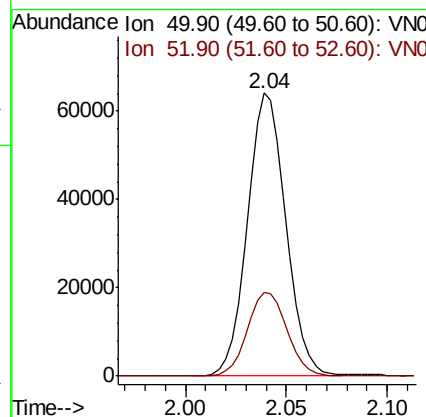
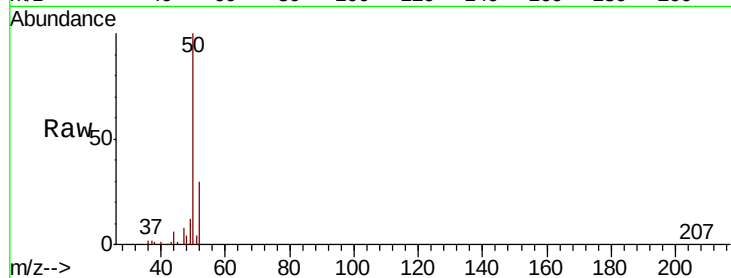
#3  
Chloromethane  
Concen: 18.376 ug/l  
RT: 2.04 min Scan# 93  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 50      | 100   |       |       |
| 52      | 29.6  | 25.3  | 37.9  |

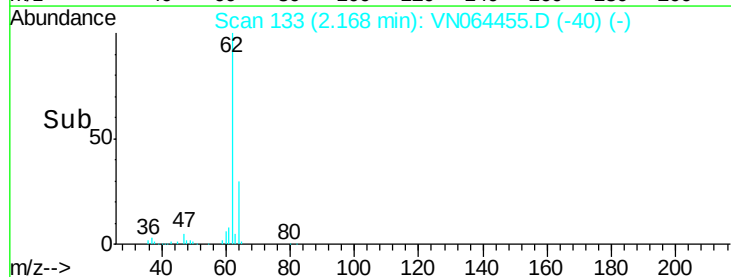
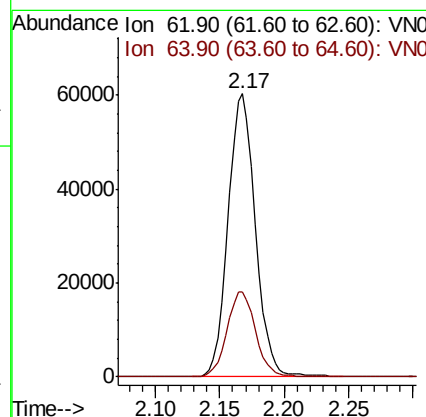
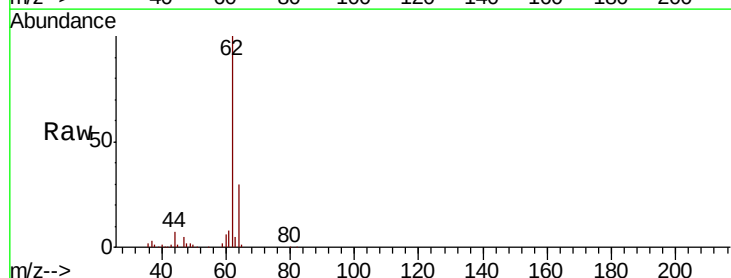
Manual Integrations  
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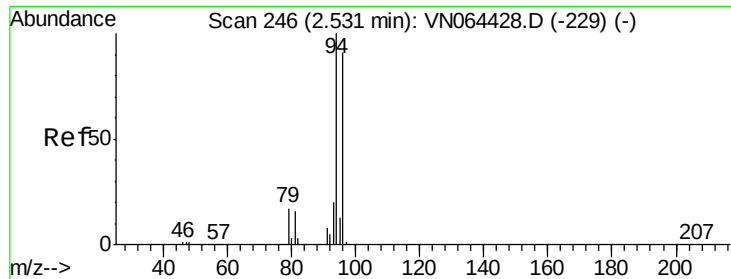
MMDadoda  
11/6/2020 8:51:12 AM



#4  
Vinyl Chloride  
Concen: 18.488 ug/l  
RT: 2.17 min Scan# 133  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 64      | 30.0  | 26.3  | 39.5  |





#5

Bromomethane

Concen: 19.256 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

Instrument :

MSVOA\_N

ClientSampleId :

VN1105WBSD01

Tot Ion: 94 Resp: 58895

Ion Ratio Lower Upper

94 100

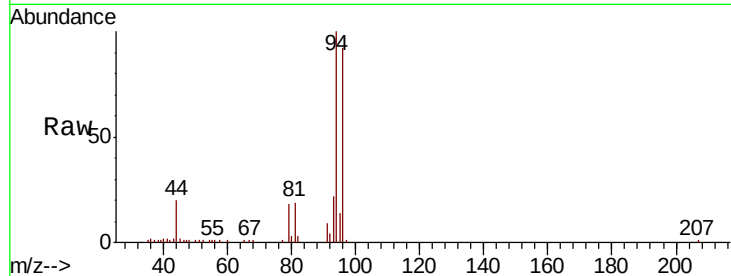
96 92.1 73.1 109.7

Manual Integrations

APPROVED

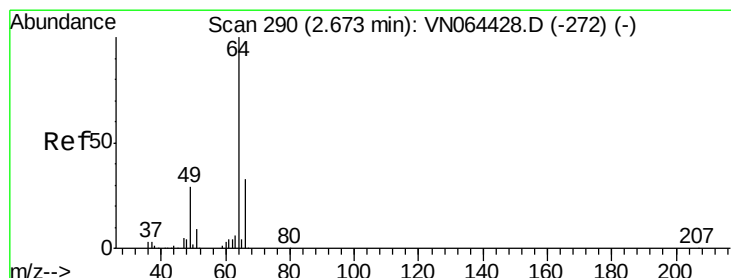
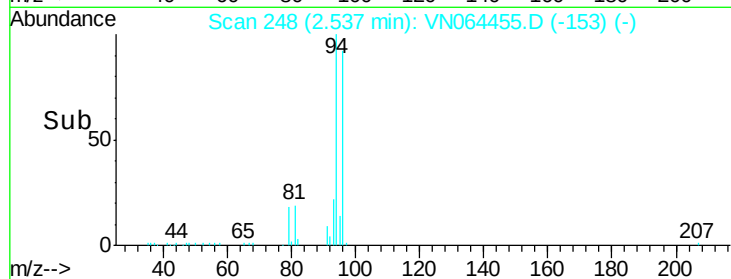
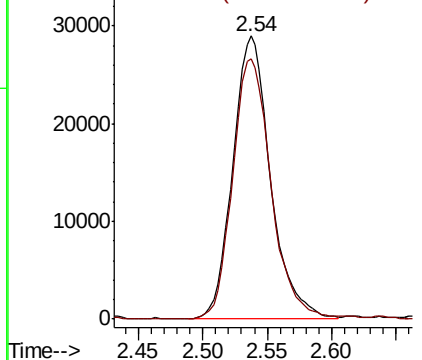
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11/6/2020 8:51:12 AM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.650 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064455.D

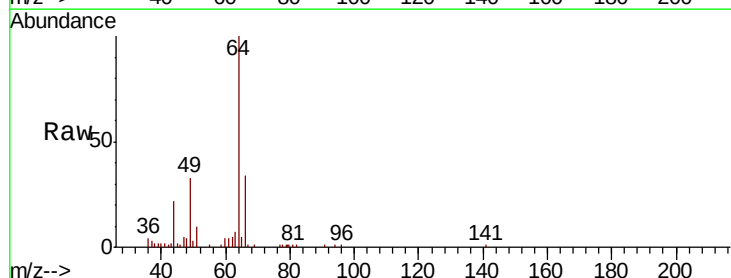
Acq: 5 Nov 2020 12:52

Tgt Ion: 64 Resp: 57164

Ion Ratio Lower Upper

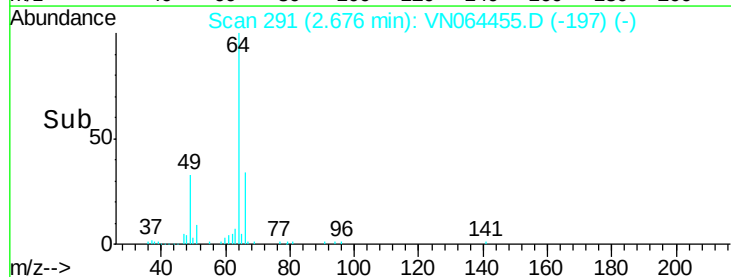
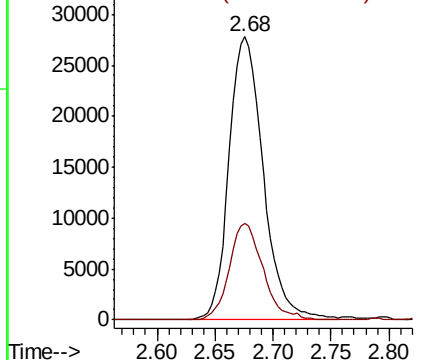
64 100

66 34.1 26.1 39.1

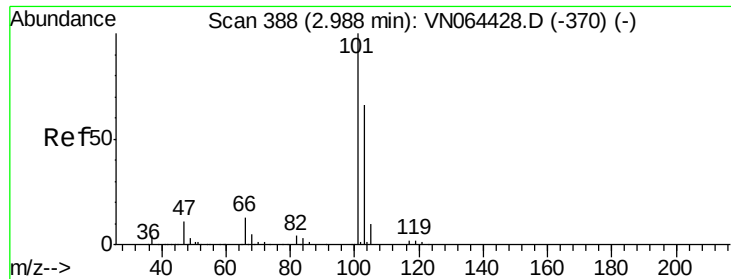


Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0







#7

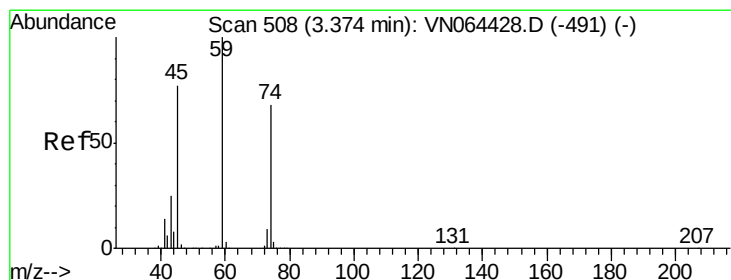
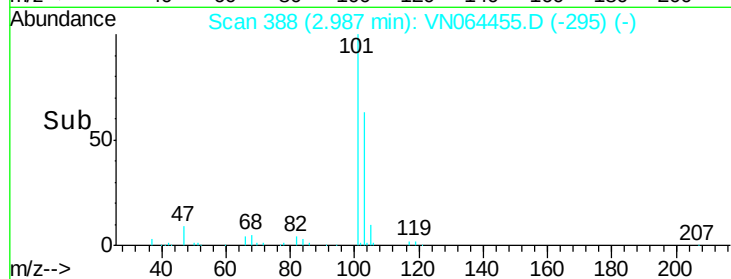
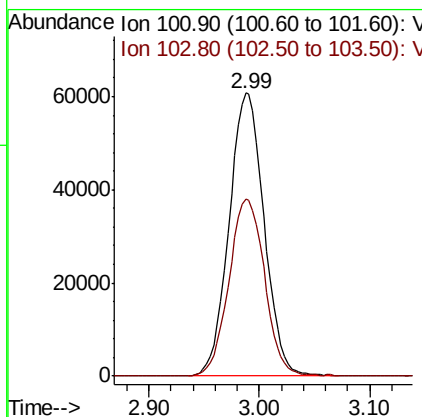
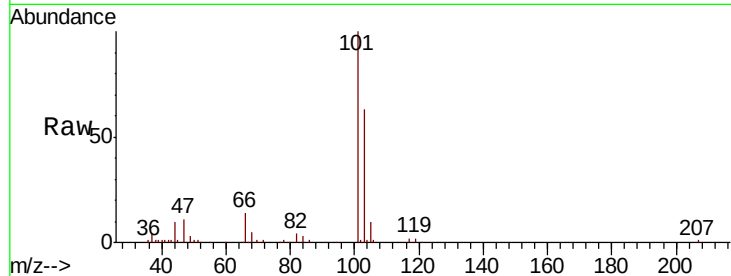
Trichlorofluoromethane  
 Concen: 18.919 ug/l  
 RT: 2.99 min Scan# 388  
 Delta R.T. -0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.7  | 52.4  | 78.6  |

Manual Integrations  
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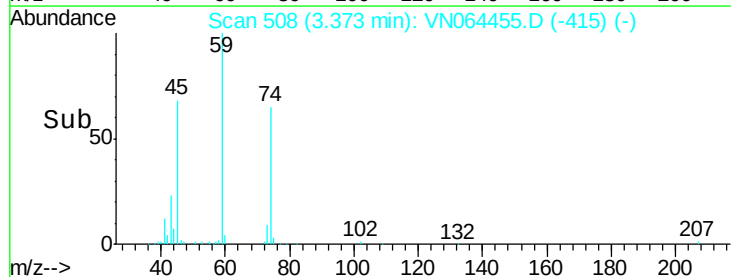
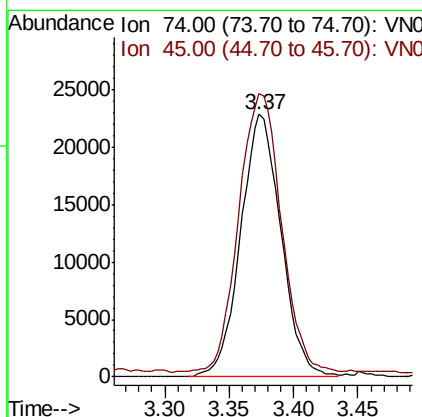
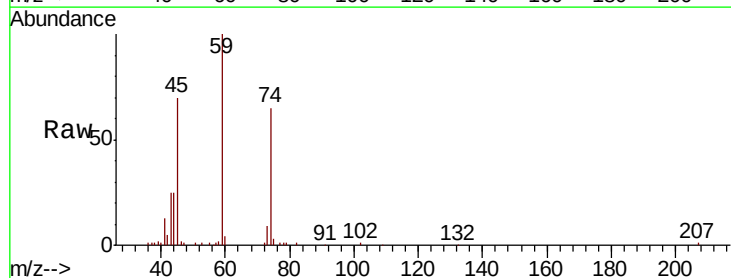
MMDadoda  
 11/6/2020 8:51:12 AM



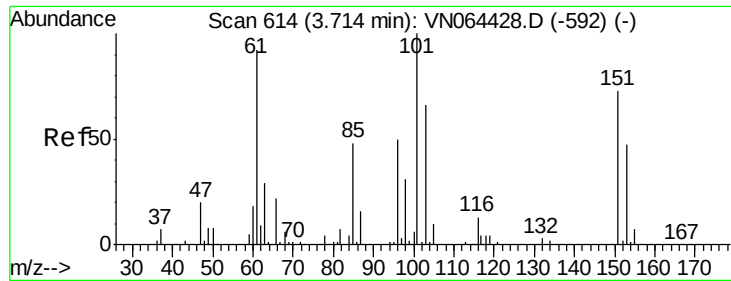
#8

Diethyl Ether  
 Concen: 19.986 ug/l  
 RT: 3.37 min Scan# 508  
 Delta R.T. -0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 111.0 | 55.9  | 167.6 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.665 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

Instrument :

MSVOA\_N

ClientSampleId :

VN1105WBSD01

Tot Ion:101 Resp: 62483

Ion Ratio Lower Upper

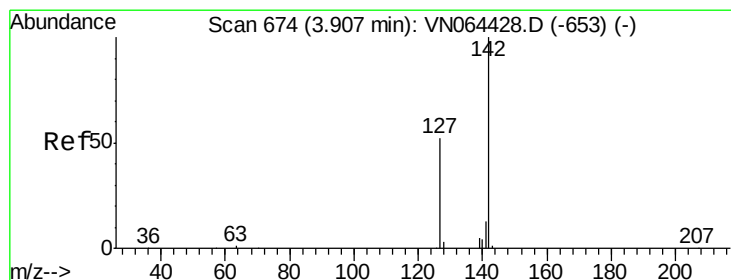
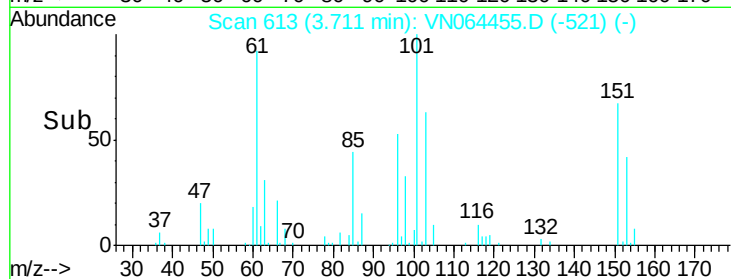
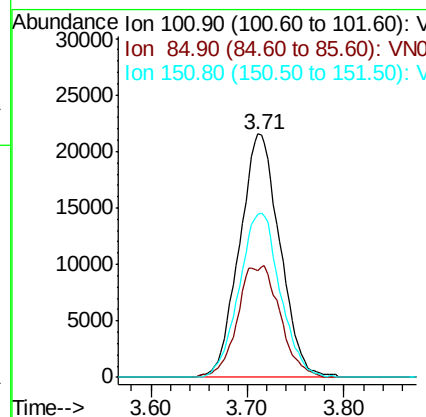
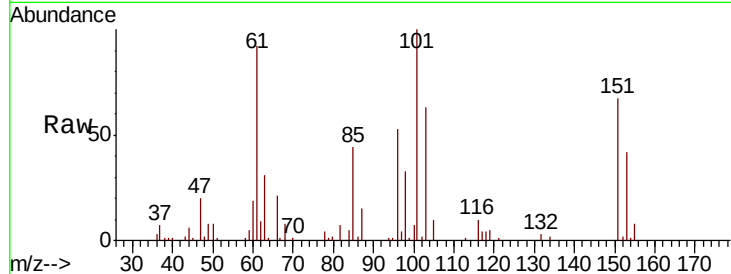
101 100

85 24.7 38.6 57.8#

151 68.6 57.5 86.3

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11/6/2020 8:51:12 AM



#10

Methyl Iodide

Concen: 17.602 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

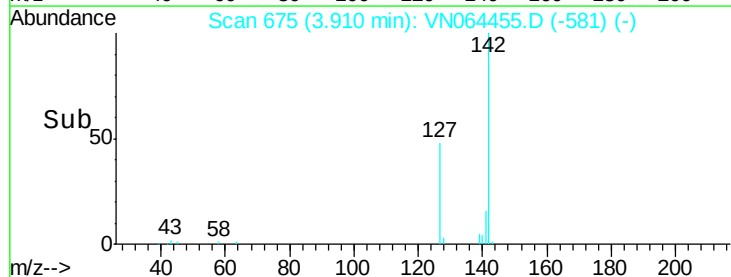
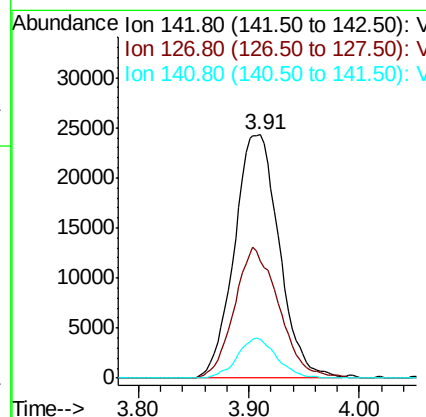
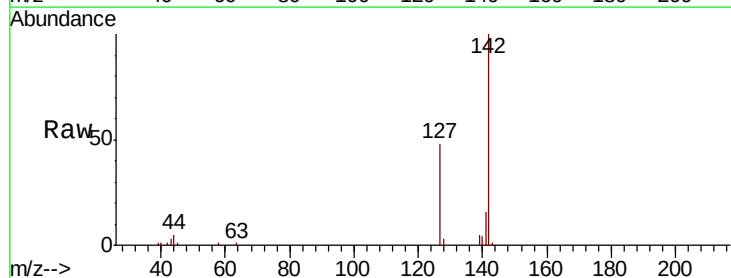
Tgt Ion:142 Resp: 68470

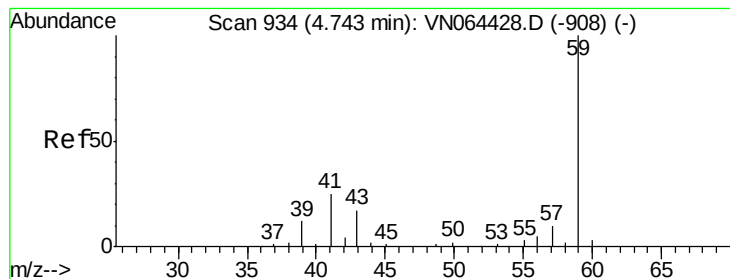
Ion Ratio Lower Upper

142 100

127 53.2 41.8 62.8

141 14.5 11.4 17.2





#11

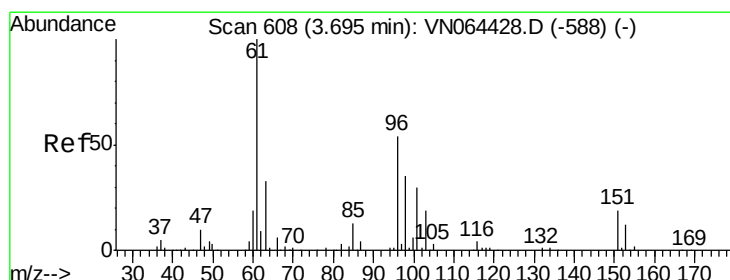
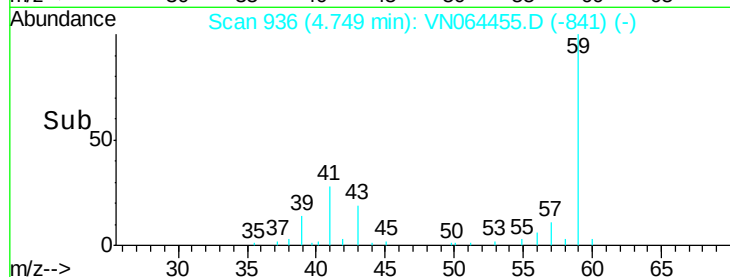
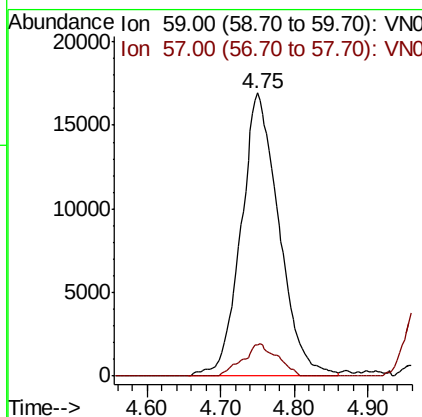
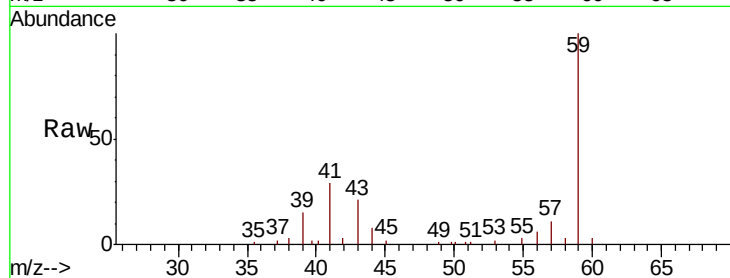
Tert butyl alcohol  
Concen: 107.251 ug/l  
RT: 4.75 min Scan# 936  
Delta R.T. 0.01 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.4  | 9.0   | 13.4  |

Manual Integrations  
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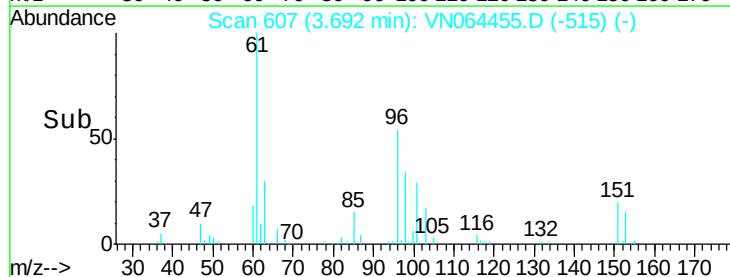
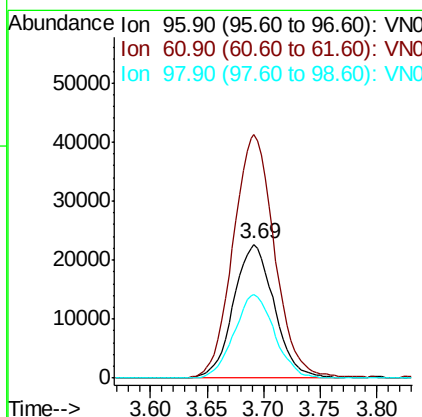
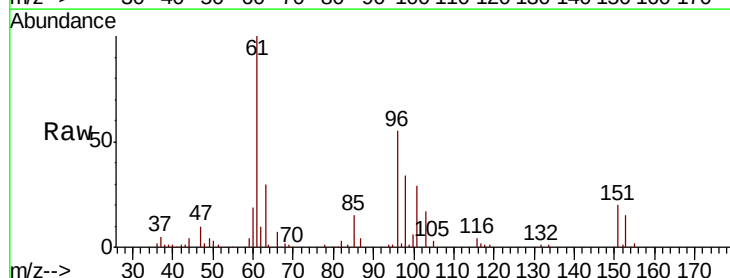
MMDadoda  
11/6/2020 8:51:12 AM

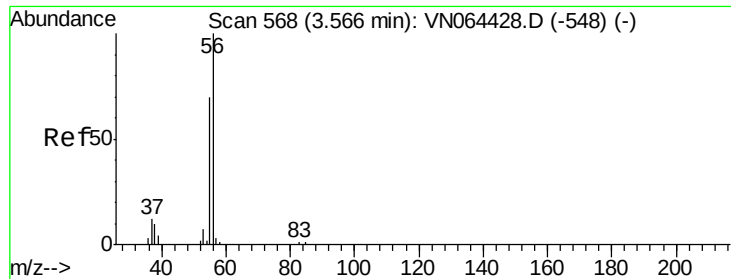


#12

1,1-Dichloroethene  
Concen: 17.976 ug/l  
RT: 3.69 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 182.3 | 149.5 | 224.3 |
| 98      | 62.1  | 52.4  | 78.6  |





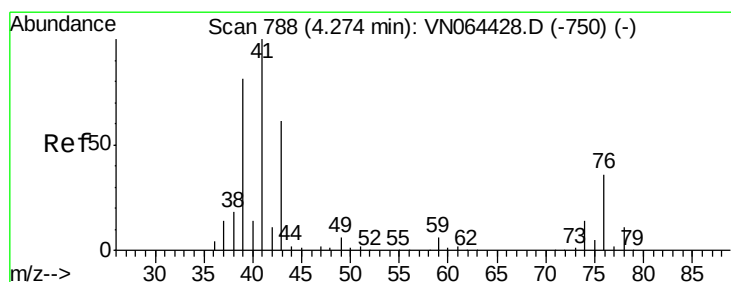
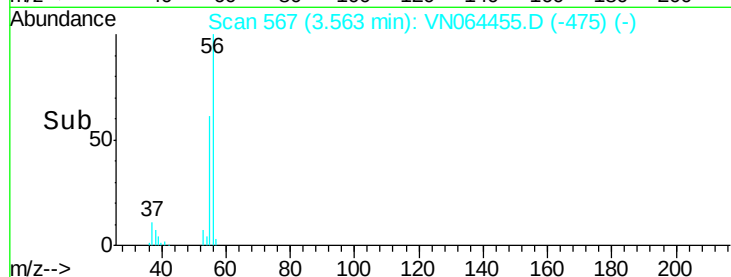
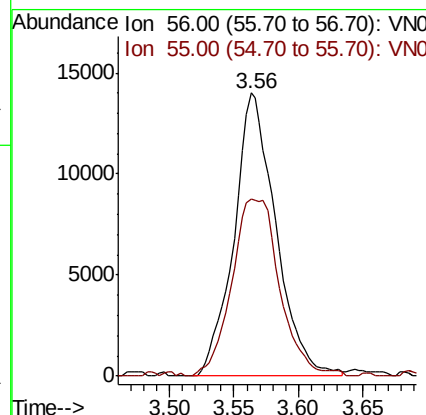
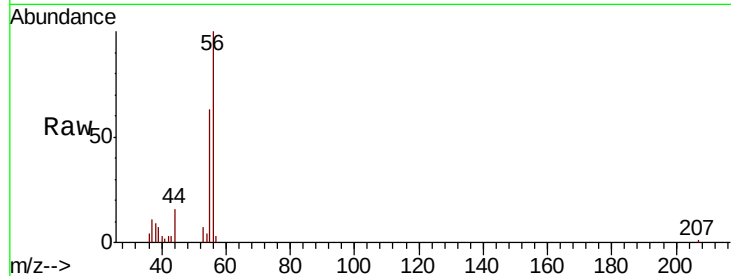
#13  
Acrolein  
Concen: 90.308 ug/l  
RT: 3.56 min Scan# 567  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

| Tot Ion   | 56    | Resp  | 31727 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 55        | 71.3  | 55.9  | 83.9  |

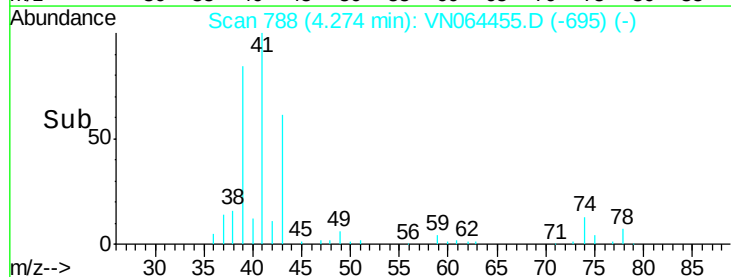
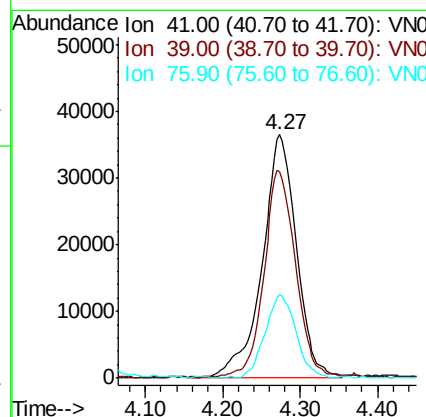
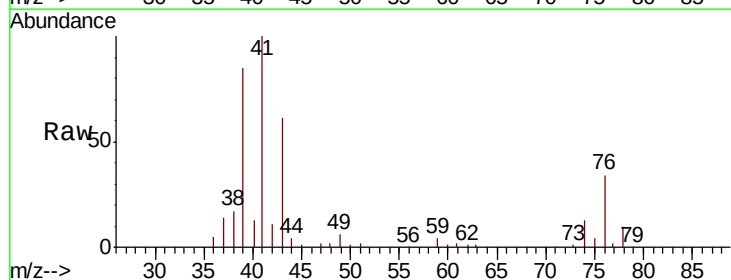
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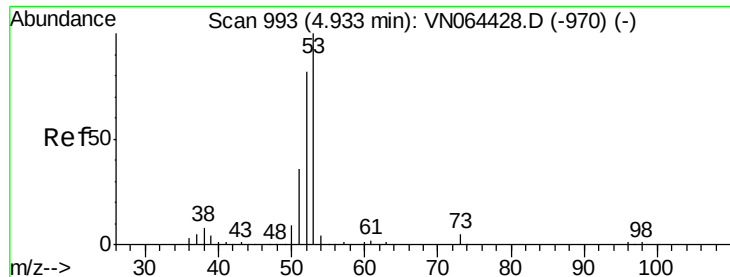
MMDadoda  
11/6/2020 8:51:12 AM



#14  
Allyl chloride  
Concen: 18.213 ug/l  
RT: 4.27 min Scan# 788  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

| Tgt Ion   | 41    | Resp  | 112350 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 39        | 77.7  | 61.8  | 92.8   |
| 76        | 30.9  | 25.4  | 38.0   |





#15

Acrylonitrile

Concen: 104.451 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

Instrument :

MSVOA\_N

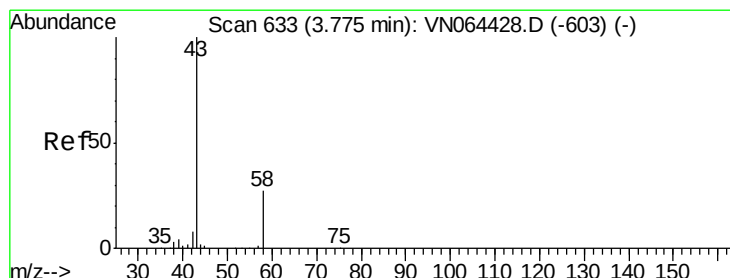
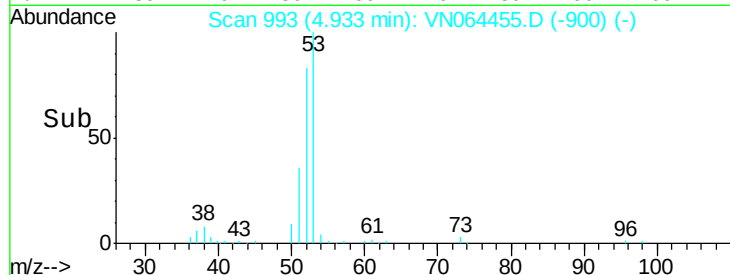
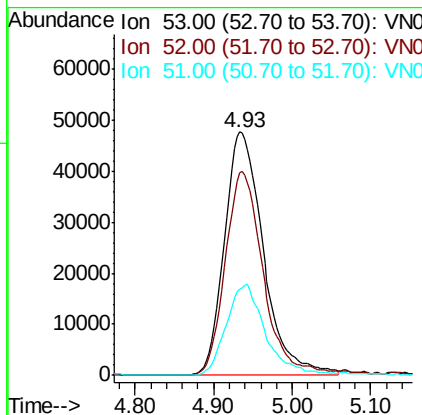
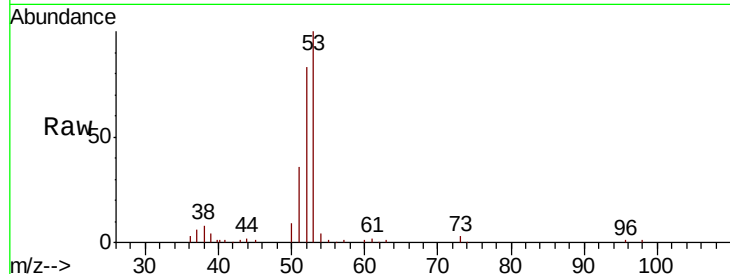
ClientSampleId :

VN1105WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 164707 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 79.6  | 65.6  | 98.4   |
| 51       | 36.7  | 29.9  | 44.9   |

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#16

Acetone

Concen: 91.003 ug/l

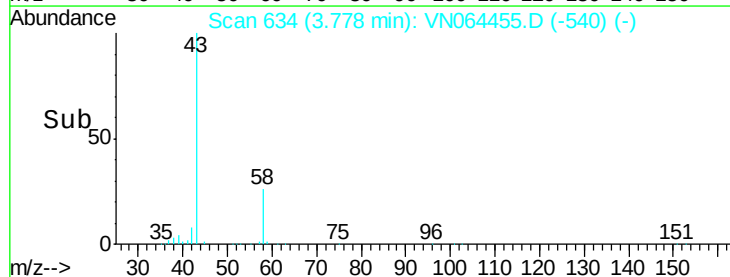
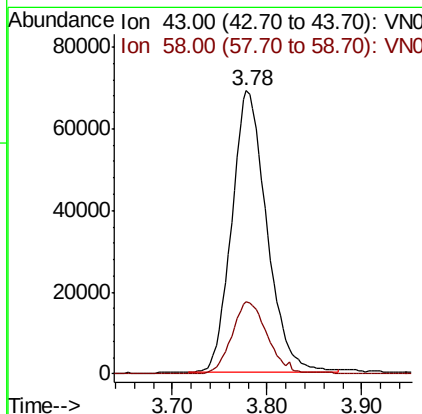
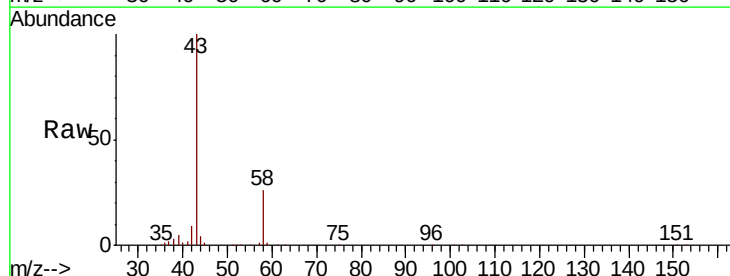
RT: 3.78 min Scan# 634

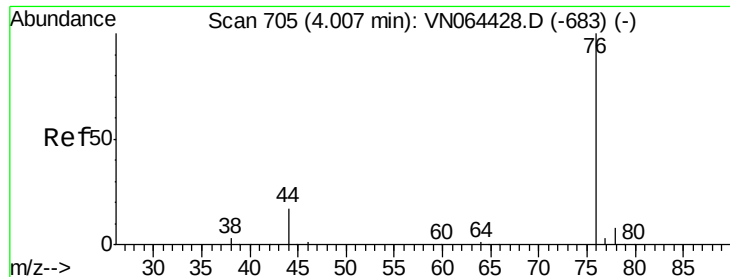
Delta R.T. 0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 178035 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 25.4  | 21.4  | 32.0   |





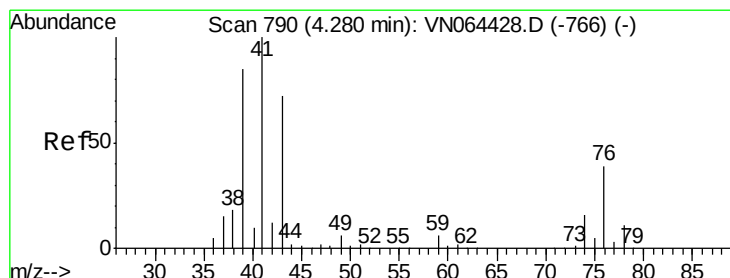
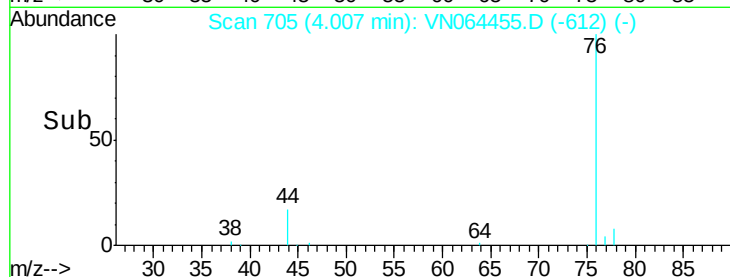
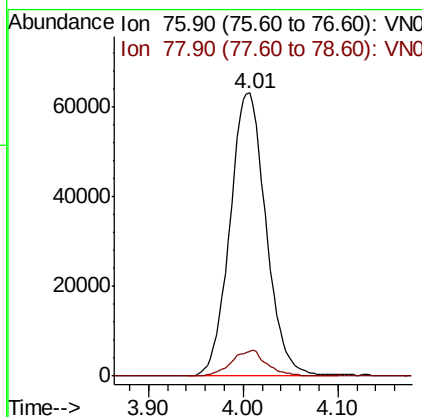
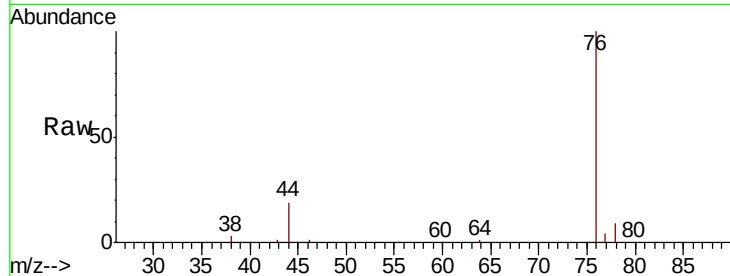
#17  
Carbon Disulfide  
Concen: 17.745 ug/l  
RT: 4.01 min Scan# 705  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampled :  
VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.9   | 6.8   | 10.2  |

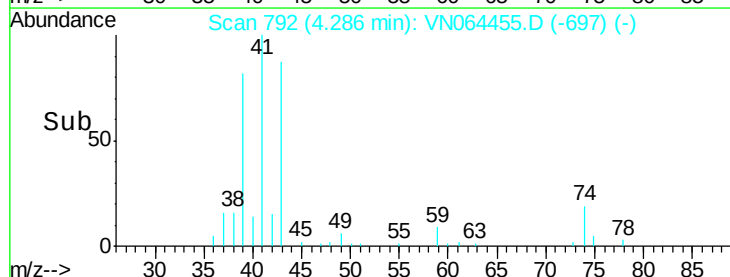
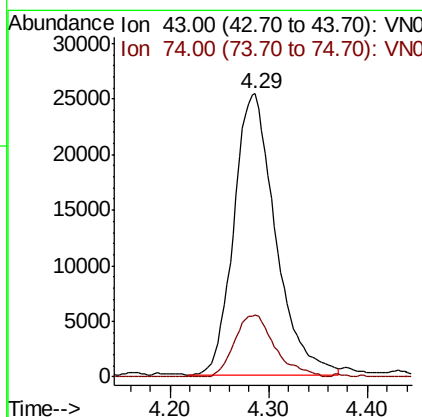
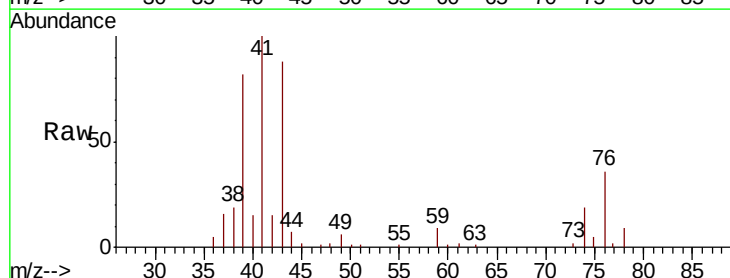
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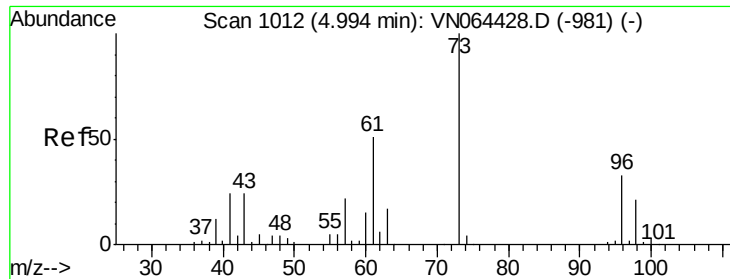
MMDadoda  
11/6/2020 8:51:12 AM



#18  
Methyl Acetate  
Concen: 19.327 ug/l  
RT: 4.29 min Scan# 792  
Delta R.T. 0.01 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.3  | 17.0  | 25.4  |





#19

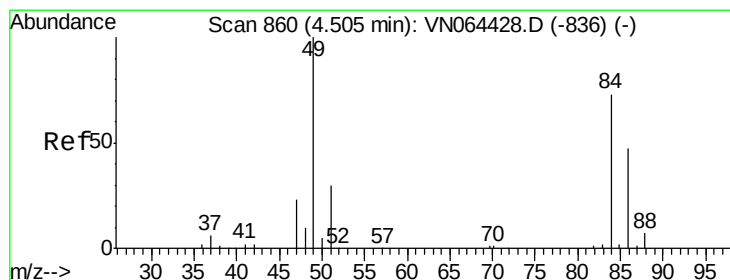
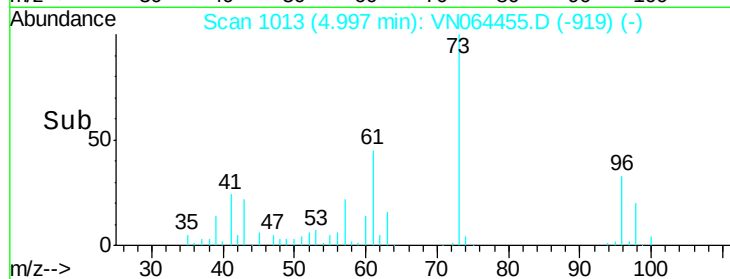
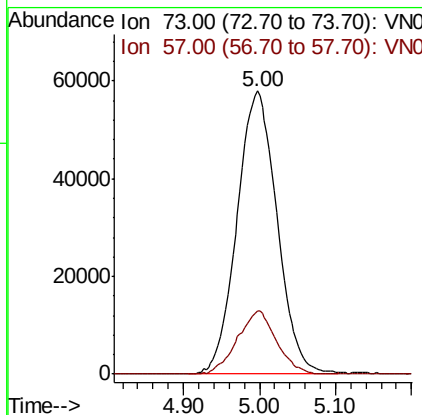
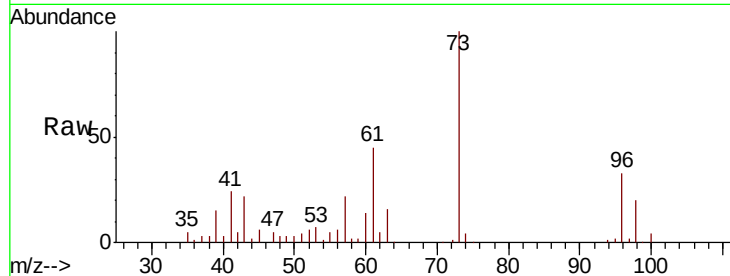
Methyl tert-butyl Ether  
 Concen: 18.665 ug/l  
 RT: 5.00 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1105WBSD01

| Tot Ion   | 73   | Resp  | 211837 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 57        | 22.4 | 17.7  | 26.5   |

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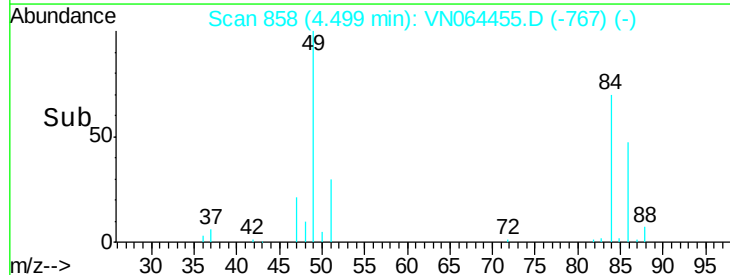
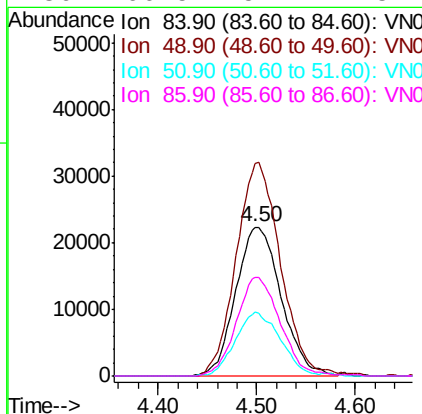
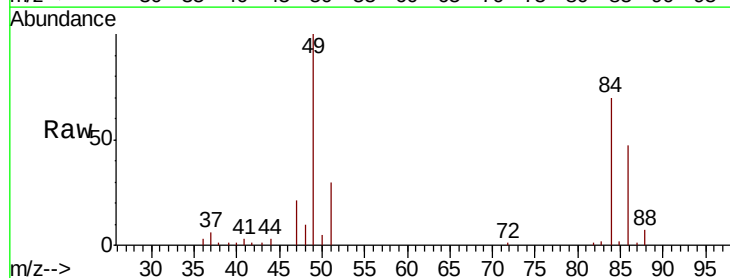
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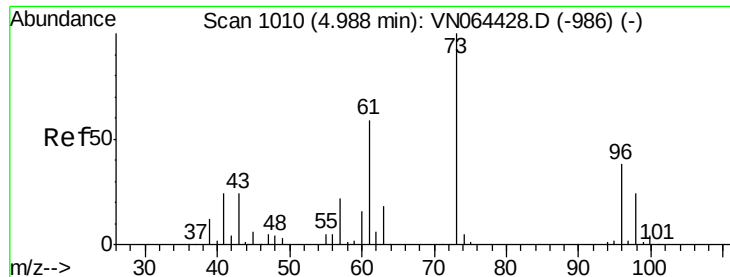


#20

Methylene Chloride  
 Concen: 18.361 ug/l  
 RT: 4.50 min Scan# 858  
 Delta R.T. -0.01 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

| Tgt Ion   | 84    | Resp  | 71269 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 49        | 142.6 | 110.1 | 165.1 |
| 51        | 43.0  | 33.6  | 50.4  |
| 86        | 66.5  | 52.1  | 78.1  |





#21

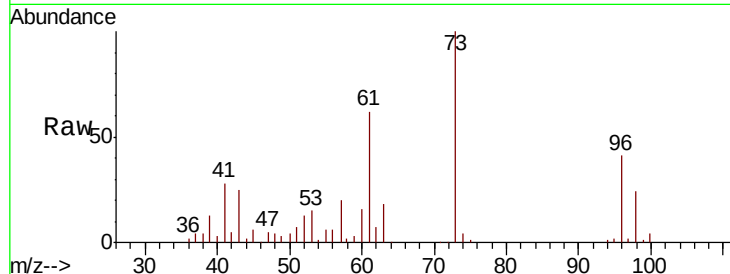
trans-1,2-Dichloroethene  
Concen: 18.625 ug/l  
RT: 4.98 min Scan# 1009  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 149.4 | 122.4 | 183.6 |
| 98      | 57.7  | 50.4  | 75.6  |

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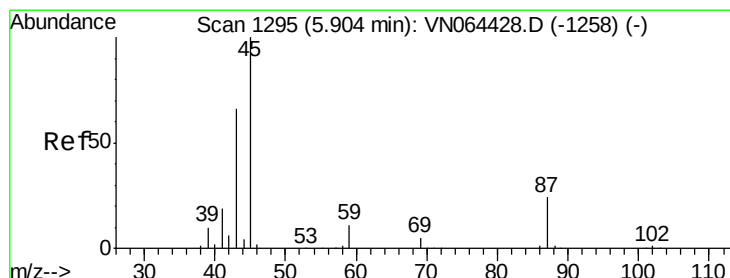
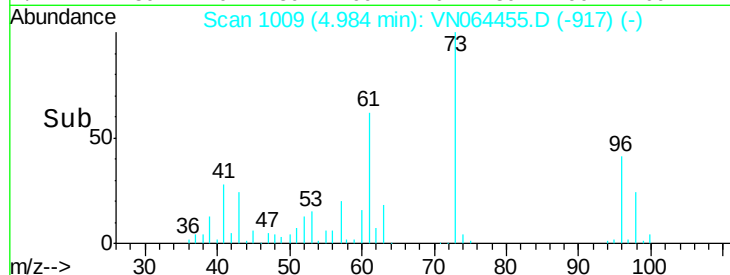
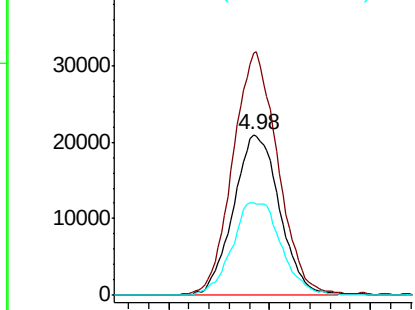


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

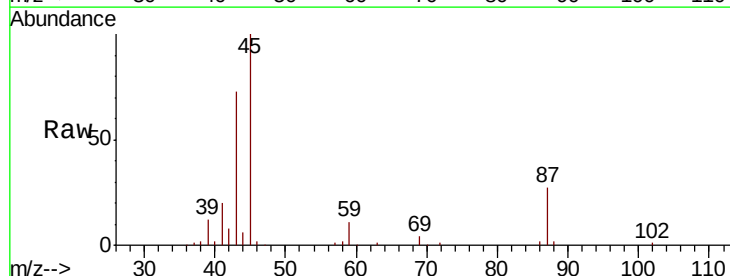
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether  
Concen: 18.283 ug/l  
RT: 5.91 min Scan# 1296  
Delta R.T. 0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 70.4  | 53.2  | 79.8  |
| 87      | 26.5  | 19.9  | 29.9  |
| 59      | 10.1  | 8.6   | 13.0  |



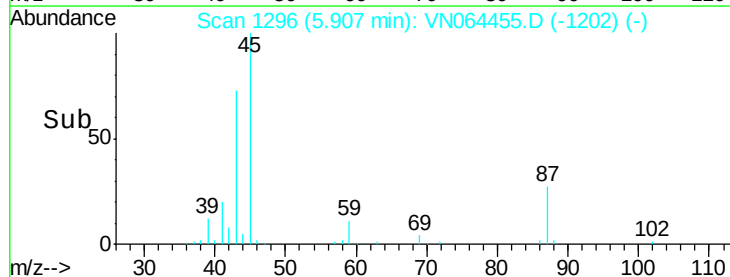
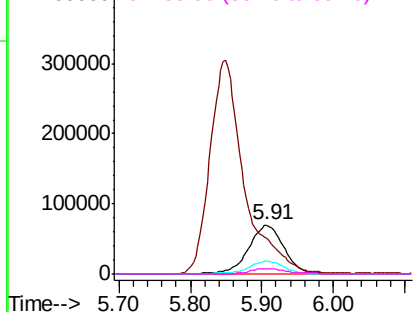
Abundance

Ion 45.00 (44.70 to 45.70): VN0

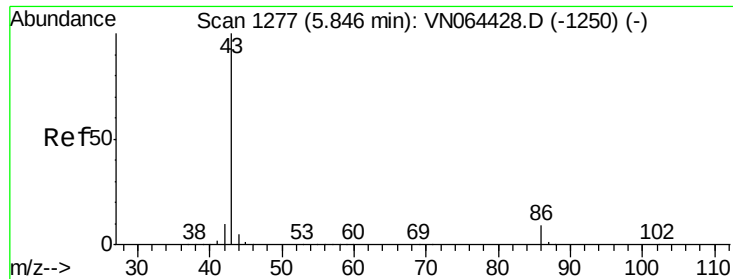
Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0







#23

Vinyl Acetate

Concen: 95.889 ug/l

RT: 5.85 min Scan# 1278

Delta R.T. 0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

Instrument :

MSVOA\_N

ClientSampleId :

VN1105WBSD01

Tot Ion: 43 Resp: 1021440

Ion Ratio Lower Upper

43 100

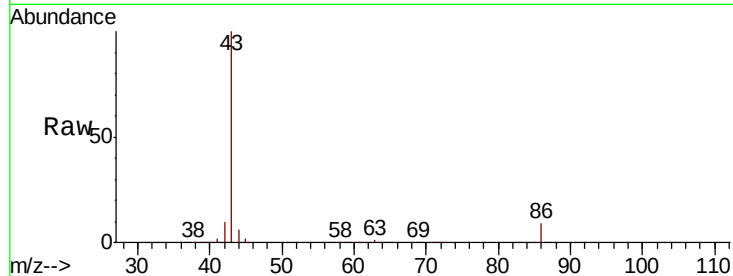
86 8.6 6.8 10.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

300000

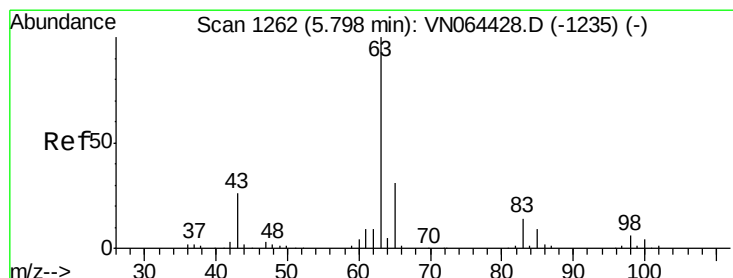
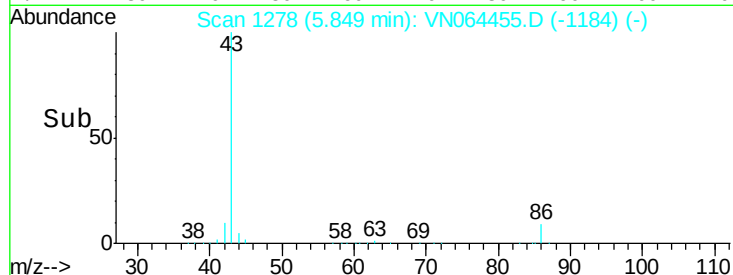
200000

100000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 18.456 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

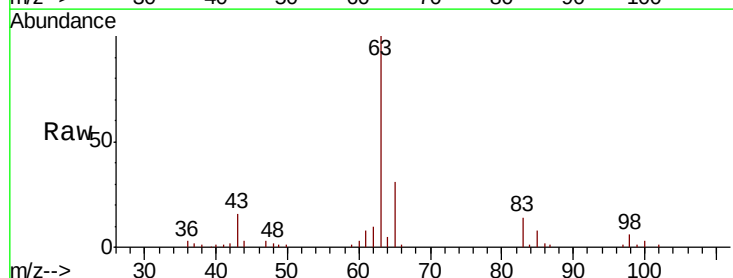
Tgt Ion: 63 Resp: 132797

Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

100 3.5 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

50000

40000

30000

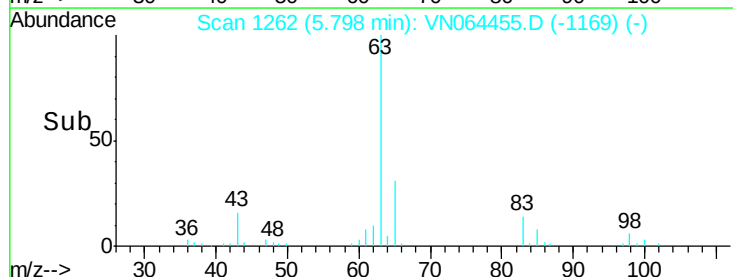
20000

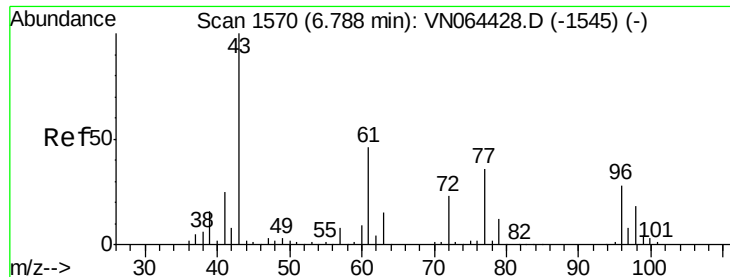
10000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 97.989 ug/l

RT: 6.79 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

Instrument :

MSVOA\_N

ClientSampleId :

VN1105WBSD01

Tot Ion: 43 Resp: 244254

Ion Ratio Lower Upper

43 100

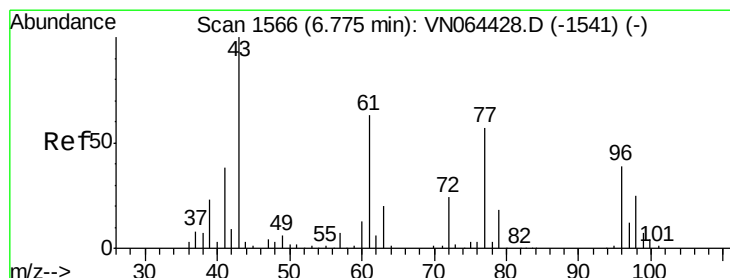
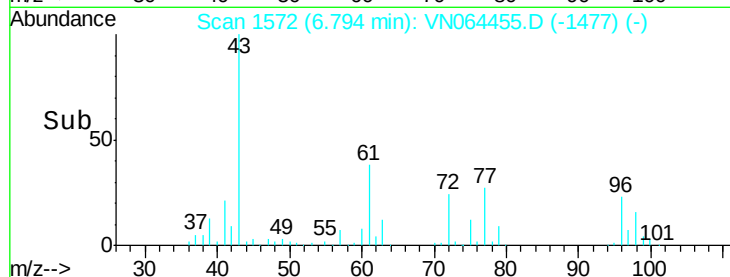
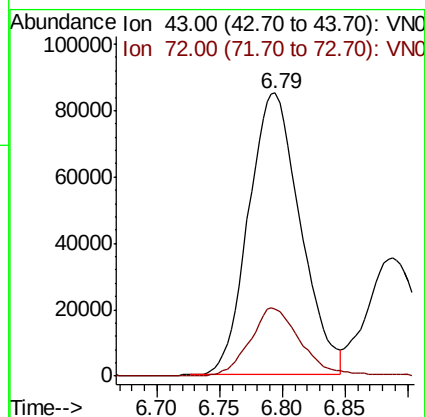
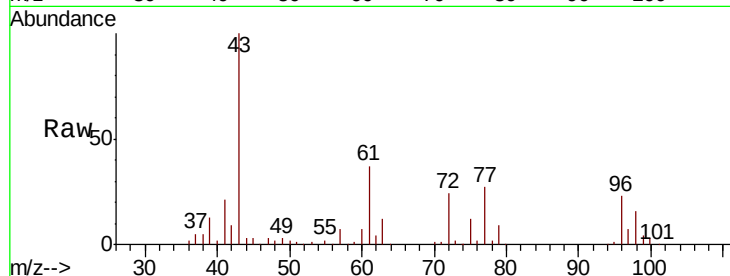
72 24.0 18.5 27.7

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#26

2,2-Dichloropropane

Concen: 17.349 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064455.D

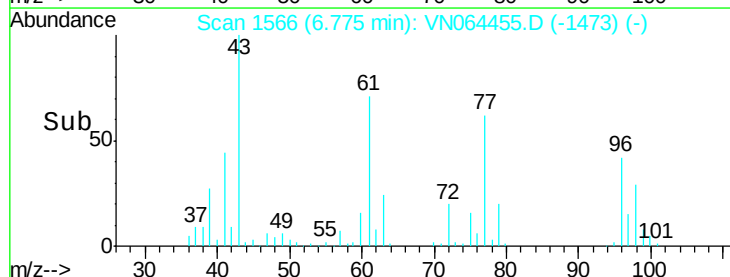
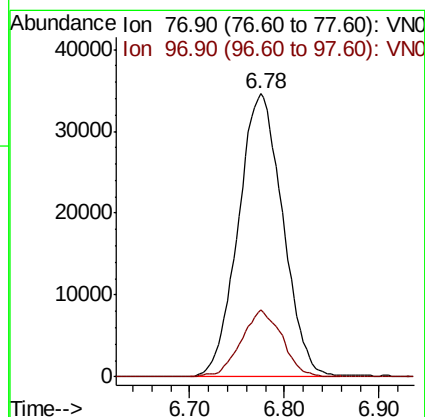
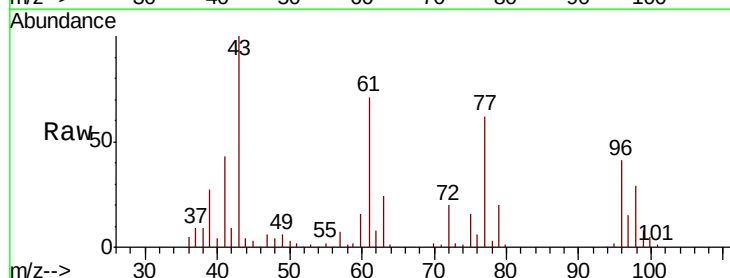
Acq: 5 Nov 2020 12:52

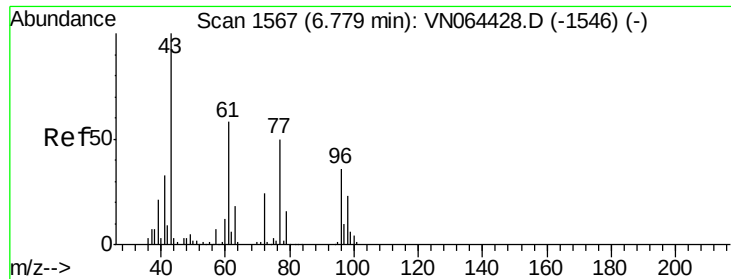
Tgt Ion: 77 Resp: 113006

Ion Ratio Lower Upper

77 100

97 21.8 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 17.545 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

Instrument :

MSVOA\_N

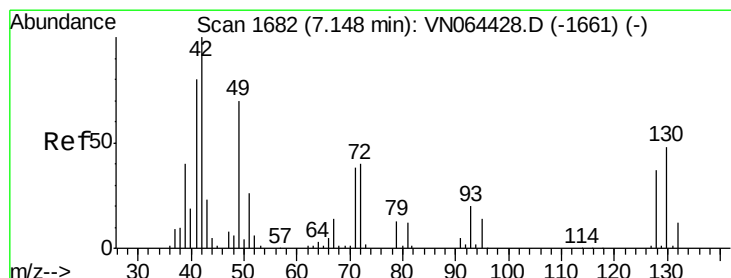
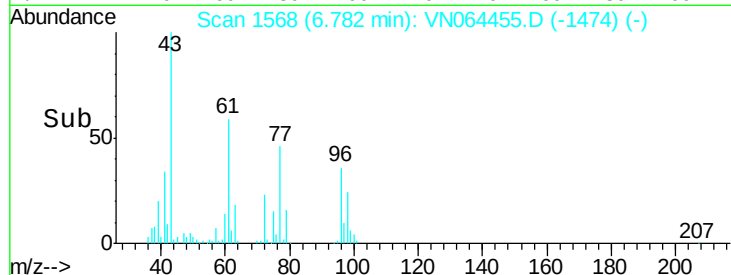
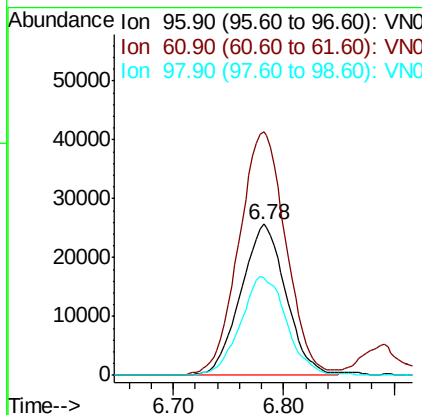
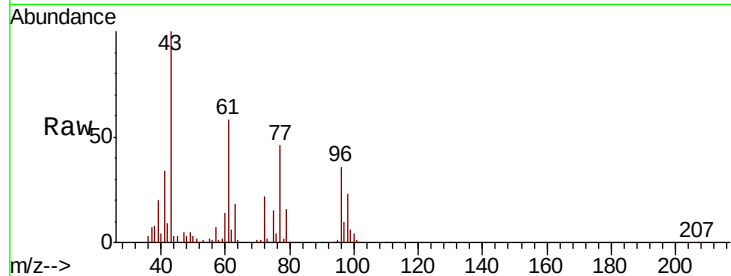
ClientSampleId :

VN1105WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 72793 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 168.0 | 0.0   | 329.6 |
| 98       | 66.5  | 0.0   | 131.2 |

Manual Integrations  
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#28

Bromochloromethane

Concen: 17.501 ug/l

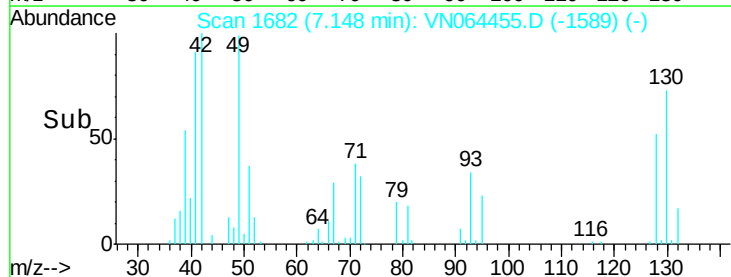
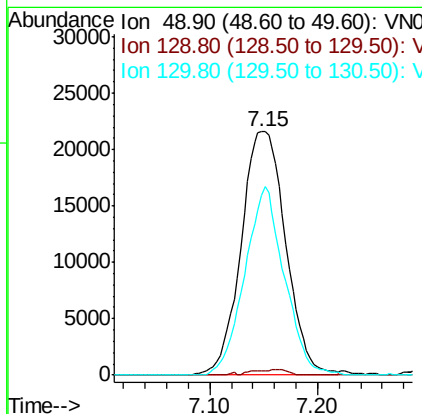
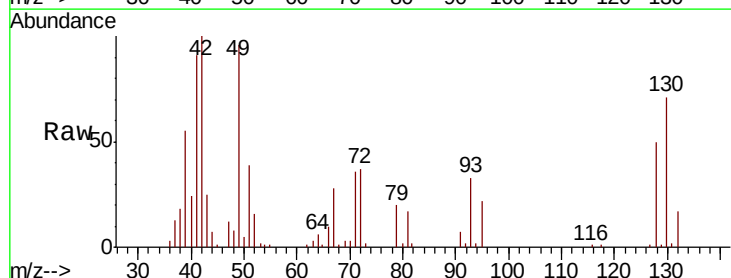
RT: 7.15 min Scan# 1682

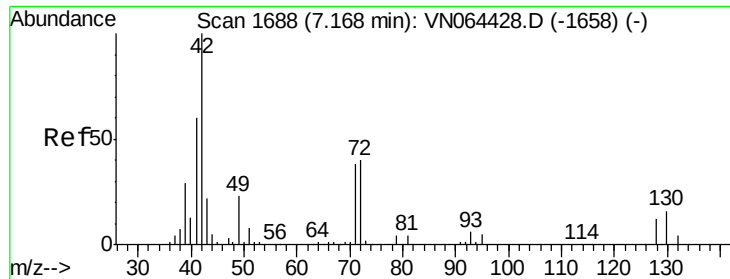
Delta R.T. -0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 61897 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.6   | 0.0   | 3.6   |
| 130      | 68.8  | 54.2  | 81.4  |





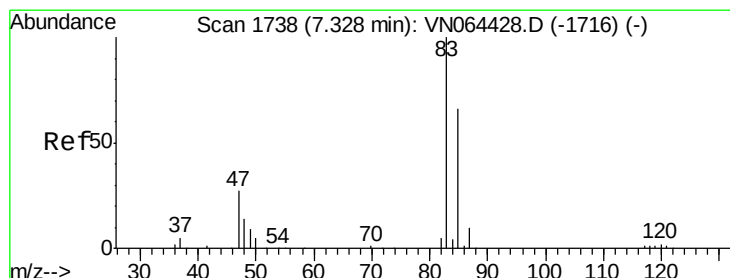
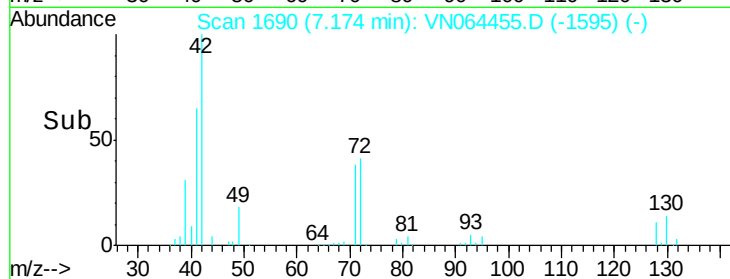
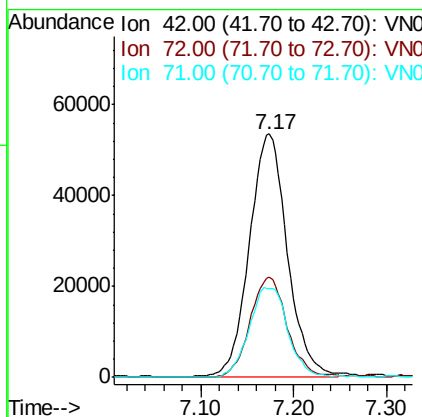
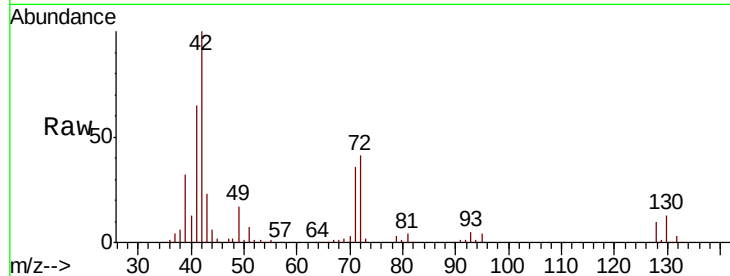
#29  
Tetrahydrofuran  
Concen: 99.104 ug/l  
RT: 7.17 min Scan# 1690  
Delta R.T. 0.01 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.1  | 31.7  | 47.5  |
| 71      | 37.6  | 29.8  | 44.6  |

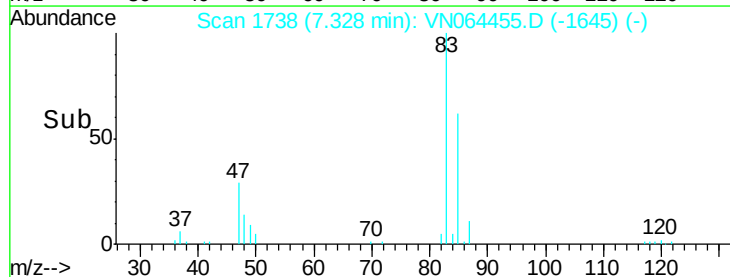
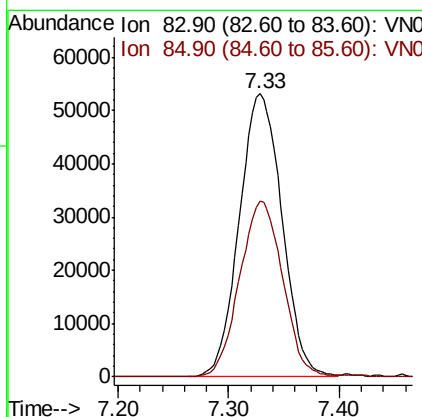
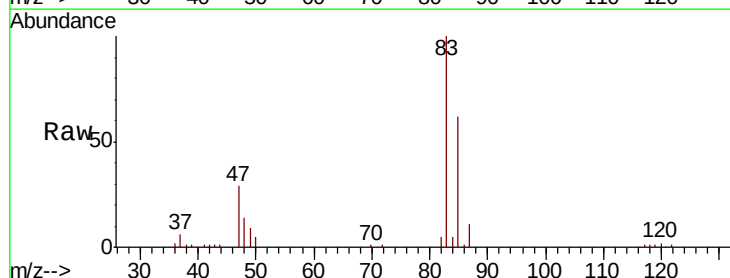
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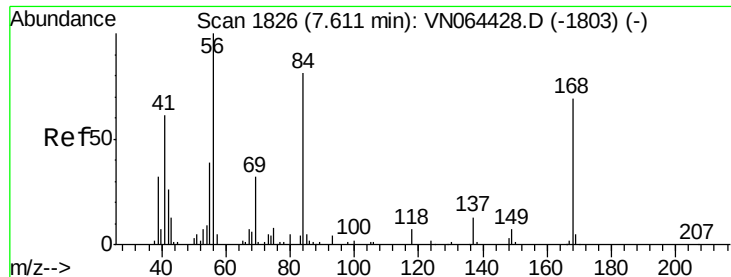
MMDadoda  
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#30  
Chloroform  
Concen: 18.863 ug/l  
RT: 7.33 min Scan# 1738  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.1  | 52.5  | 78.7  |





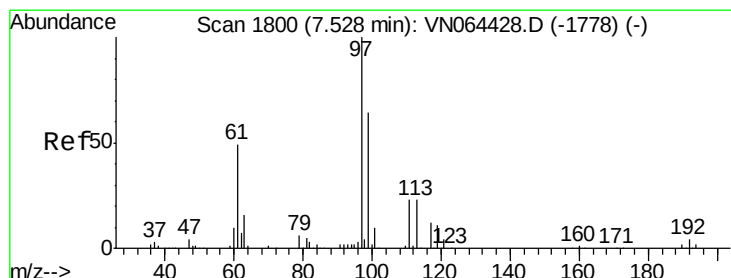
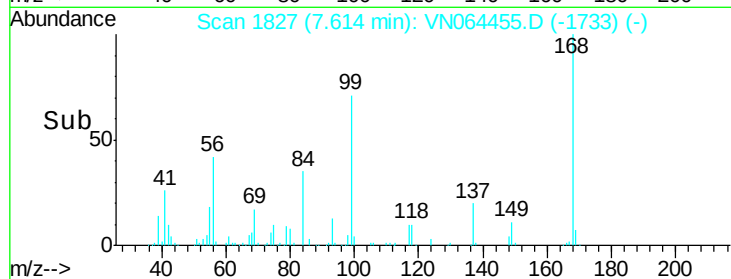
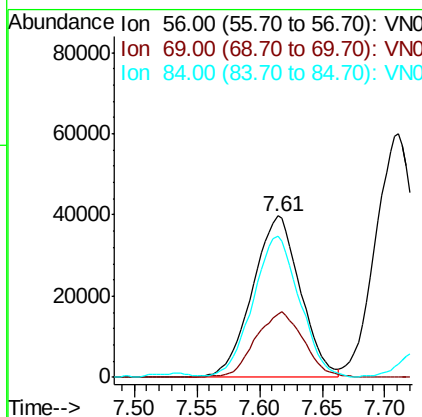
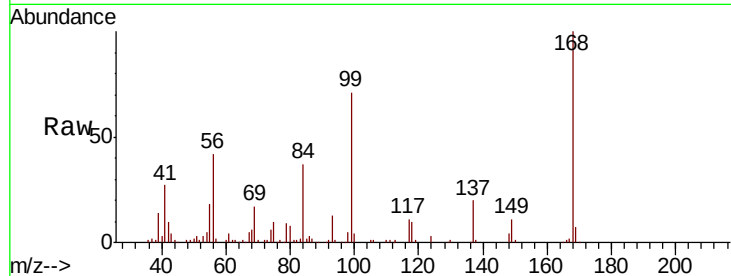
#31  
Cyclohexane  
Concen: 16.896 ug/l  
RT: 7.61 min Scan# 1827  
Delta R.T. 0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 38.6  | 25.6  | 38.4# |
| 84      | 85.9  | 63.0  | 94.6  |

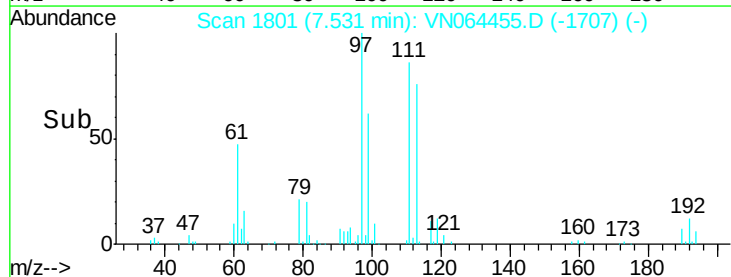
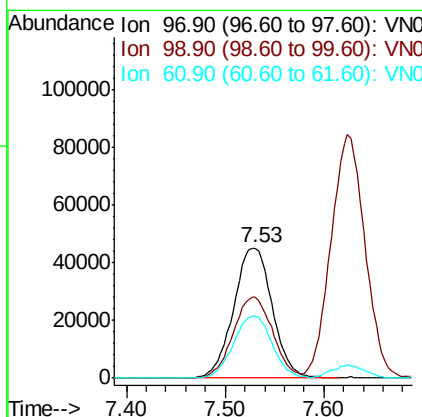
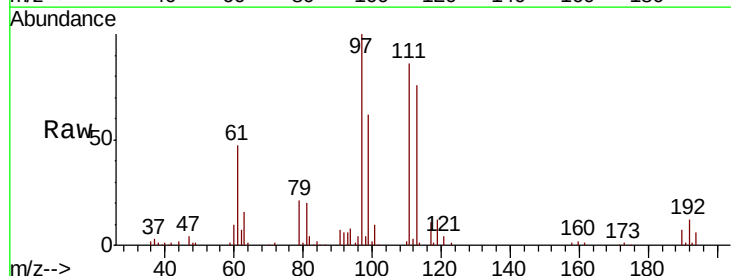
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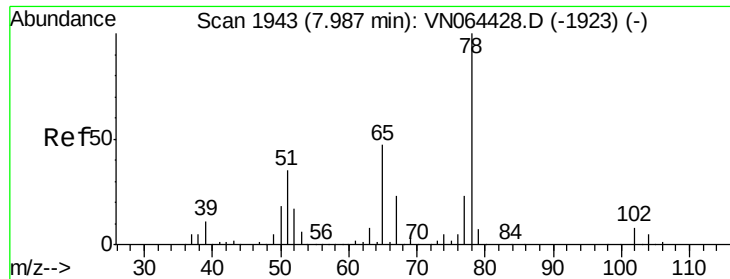
MMDadoda  
11/6/2020 8:51:12 AM



#32  
1,1,1-Trichloroethane  
Concen: 18.352 ug/l  
RT: 7.53 min Scan# 1801  
Delta R.T. 0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.5  | 51.3  | 76.9  |
| 61      | 47.6  | 39.1  | 58.7  |





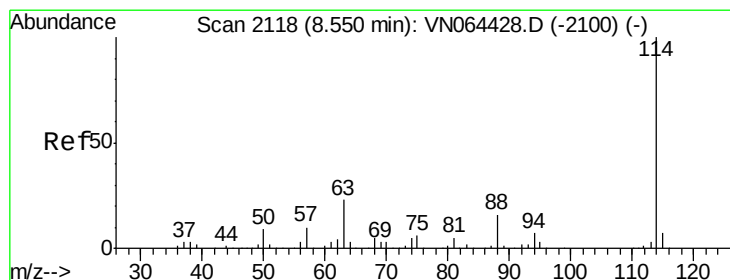
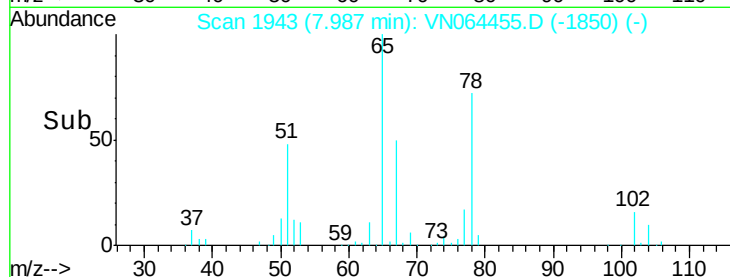
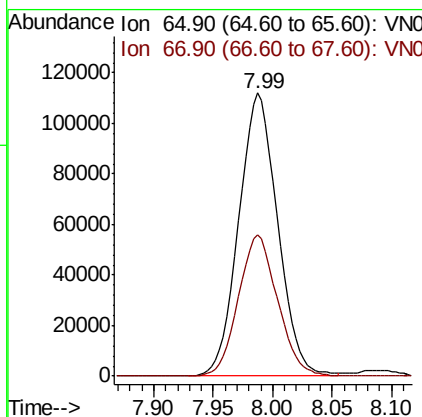
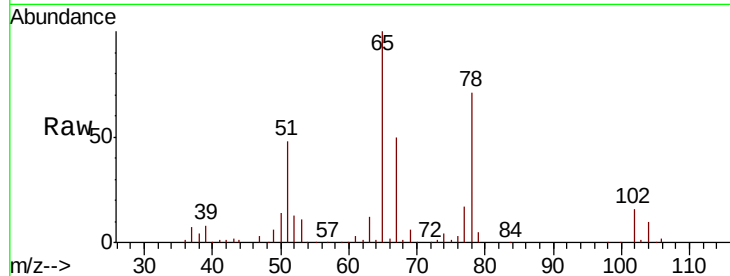
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.397 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1105WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 253696 |       |       |
| 67      | 50.2  | 0.0    | 101.6 |       |

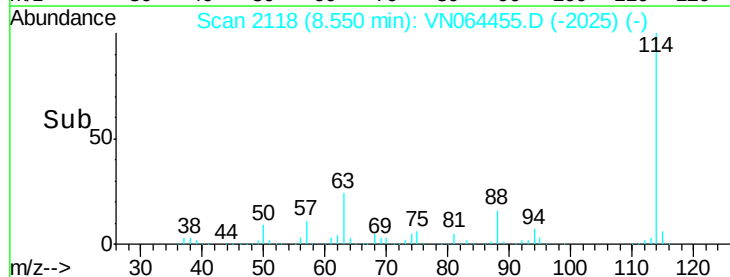
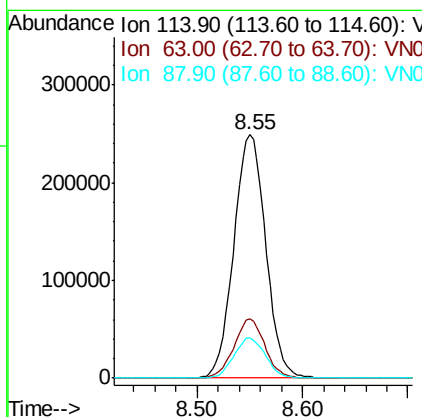
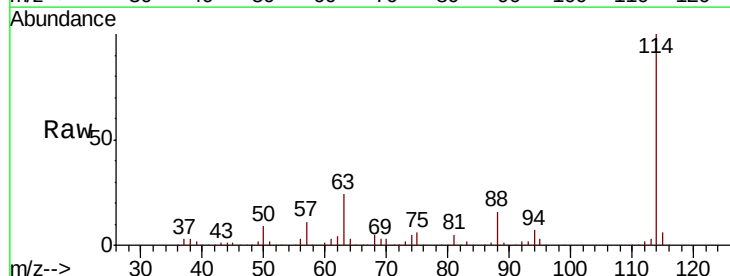
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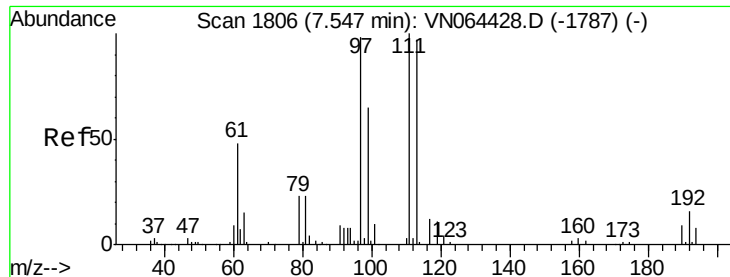
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 523595 |       |       |
| 63      | 24.1  | 0.0    | 45.6  |       |
| 88      | 16.4  | 0.0    | 32.8  |       |





#35

Dibromofluoromethane

Concen: 47.597 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

Instrument :

MSVOA\_N

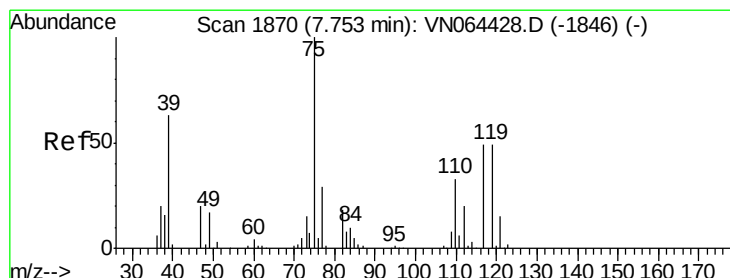
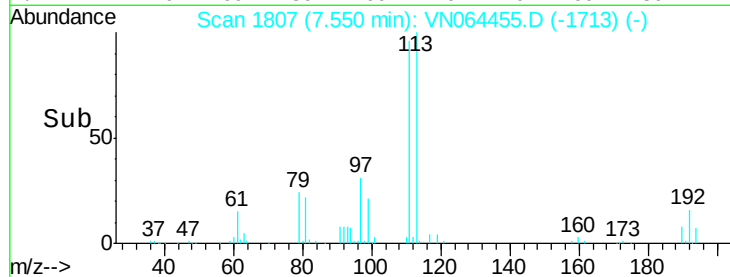
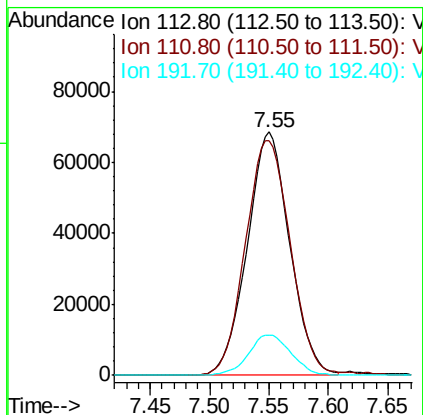
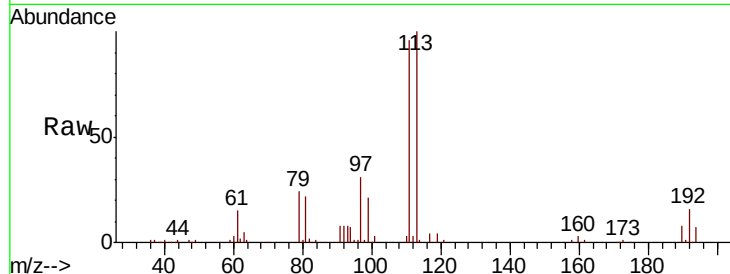
ClientSampleId :

VN1105WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 169682 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.3 | 81.1  | 121.7  |
| 192       | 16.7  | 12.8  | 19.2   |

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#36

1,1-Dichloropropene

Concen: 18.067 ug/l

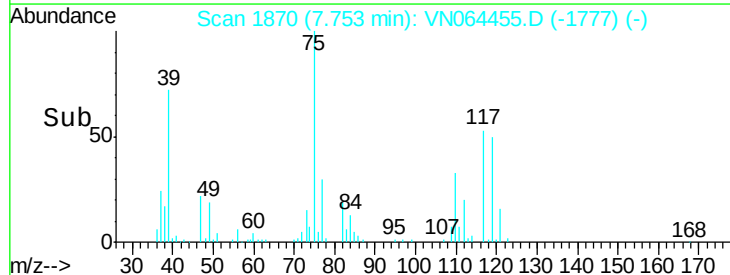
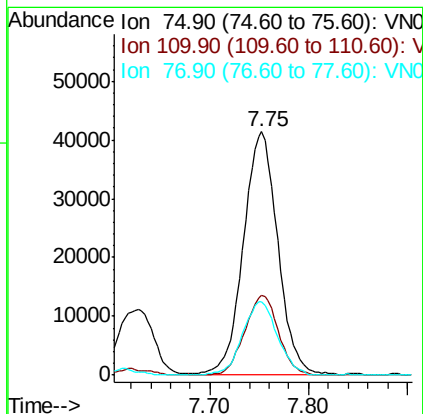
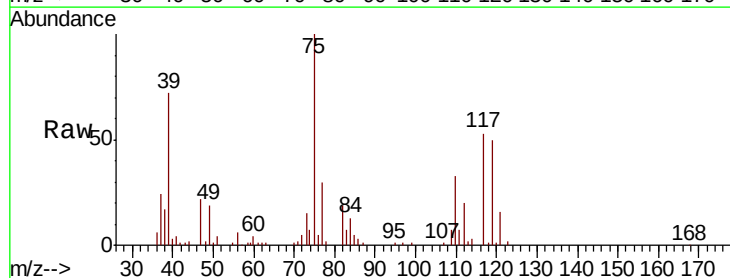
RT: 7.75 min Scan# 1870

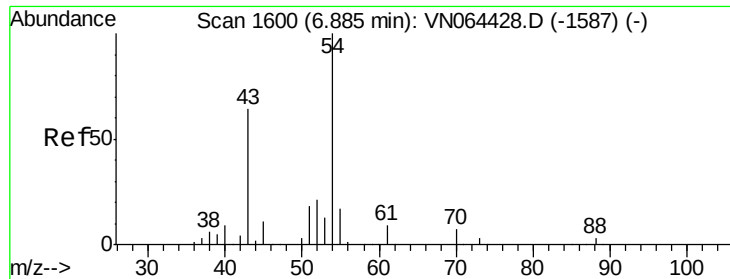
Delta R.T. -0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 99936 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 32.1  | 16.0  | 48.0  |
| 77        | 30.6  | 24.0  | 36.0  |





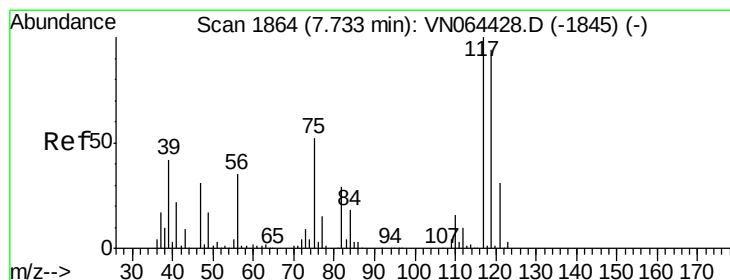
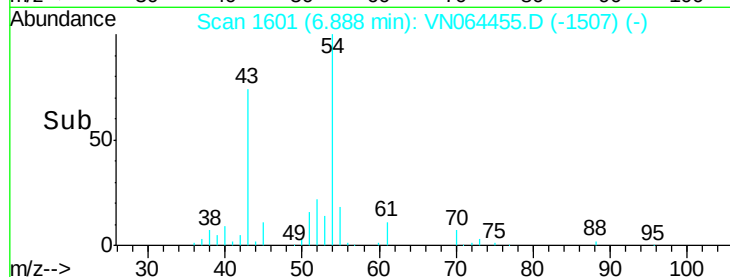
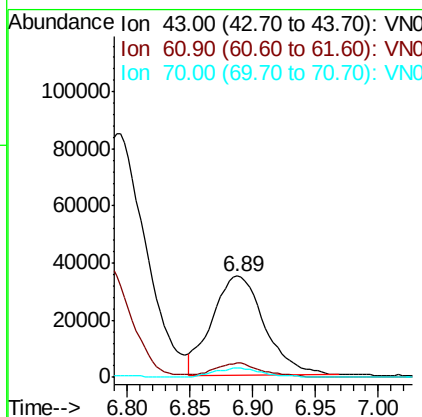
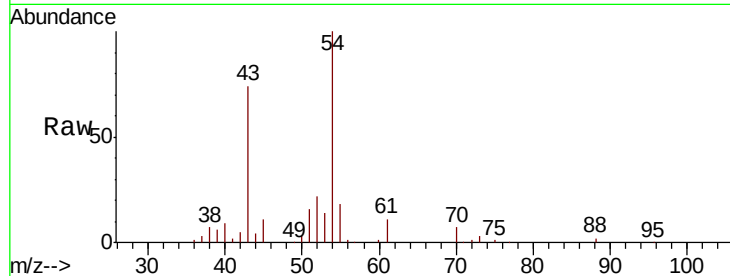
#37  
Ethyl Acetate  
Concen: 18.319 ug/l  
RT: 6.89 min Scan# 1601  
Delta R.T. 0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

| Tot Ion | 43     | 61   | 70   |
|---------|--------|------|------|
| Resp    | 100091 | 12.5 | 8.6  |
| Ratio   | 100    | 12.5 | 8.6  |
| Lower   |        | 10.0 | 7.1  |
| Upper   |        | 15.0 | 10.7 |

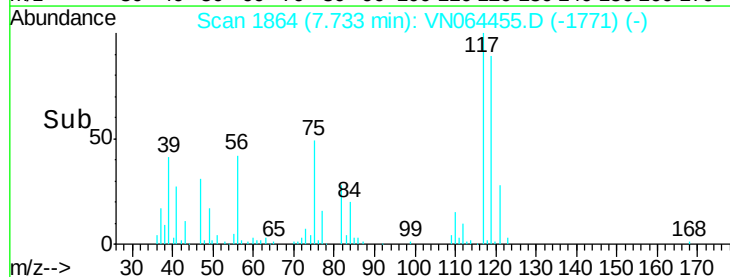
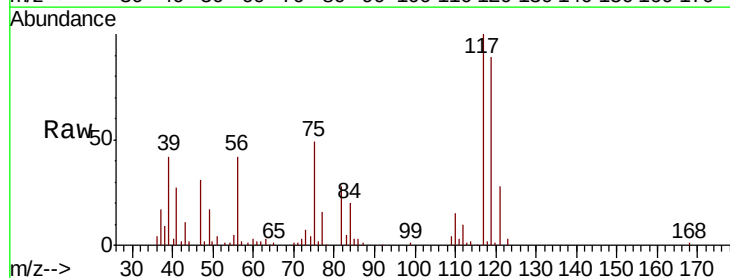
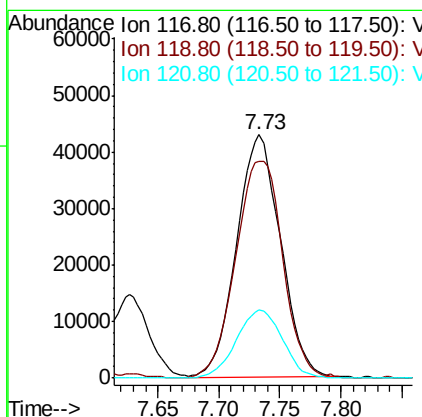
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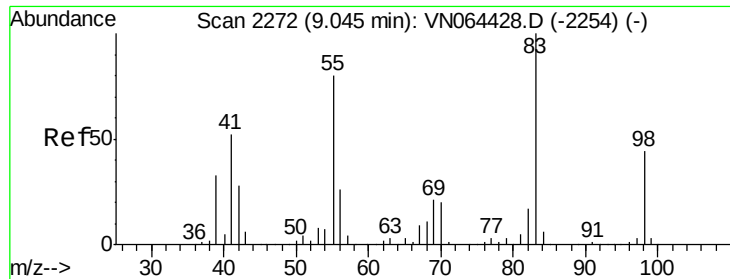


#38  
Carbon Tetrachloride  
Concen: 18.092 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

| Tgt Ion | 117    | 119   | 121  |
|---------|--------|-------|------|
| Resp    | 106952 | 89.3  | 28.0 |
| Ratio   | 100    | 89.3  | 28.0 |
| Lower   |        | 75.5  | 24.4 |
| Upper   |        | 113.3 | 36.6 |







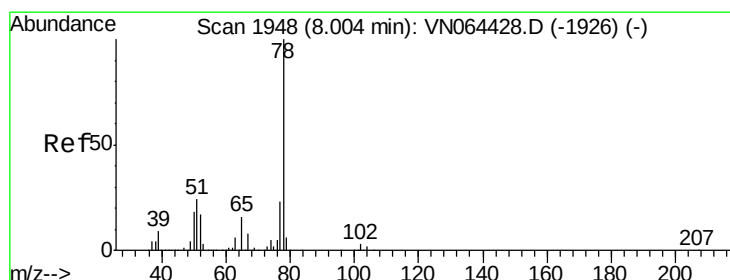
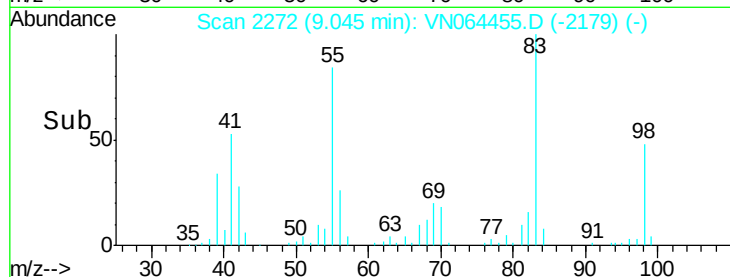
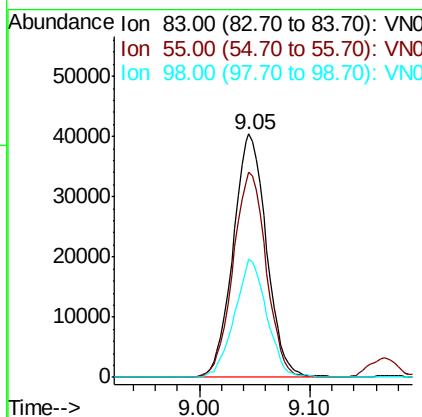
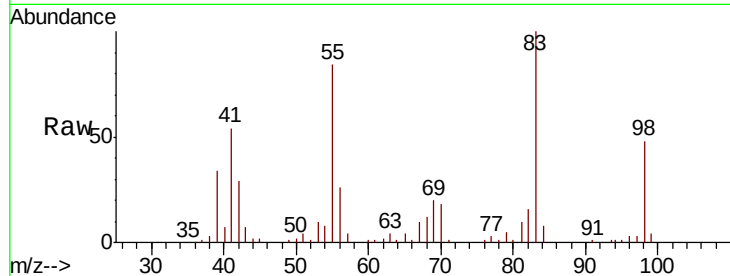
#39  
Methylvlcyclohexane  
Concen: 17.069 ug/l  
RT: 9.05 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 84.2  | 63.8  | 95.6  |
| 98      | 48.4  | 35.4  | 53.2  |

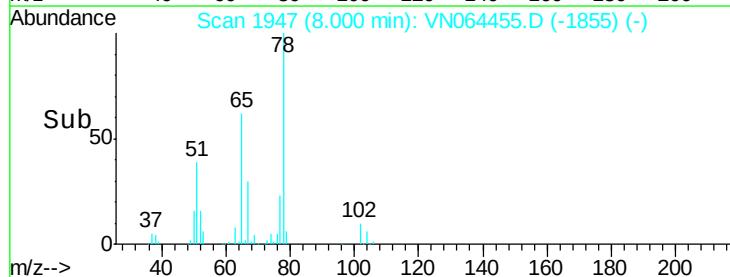
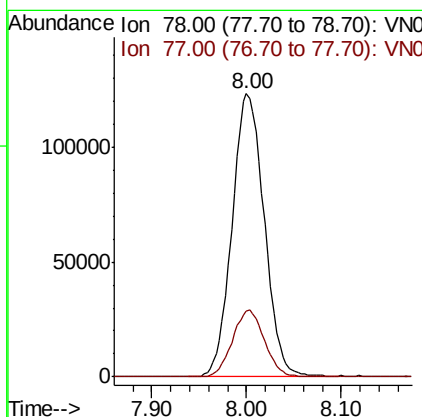
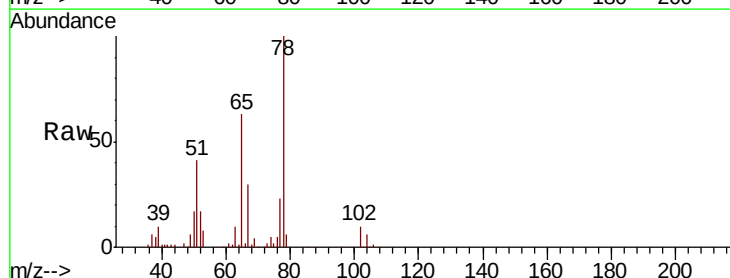
Manual Integrations  
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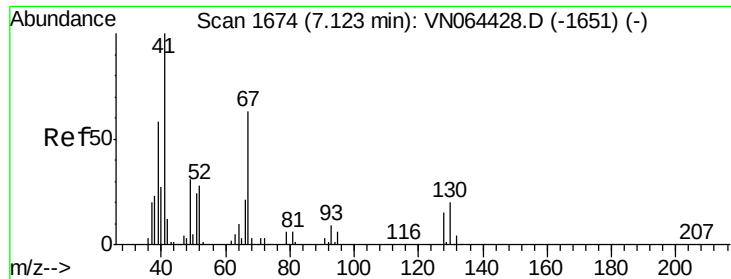
MMDadoda  
11/6/2020 8:51:12 AM



#40  
Benzene  
Concen: 17.933 ug/l  
RT: 8.00 min Scan# 1947  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

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





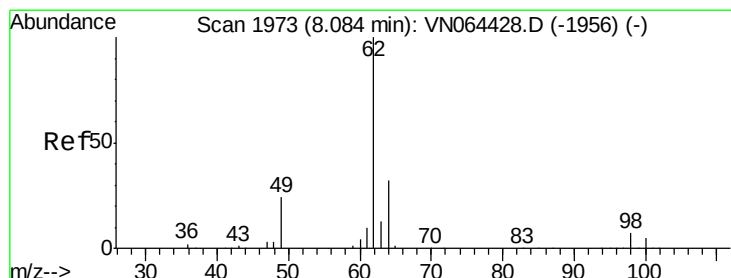
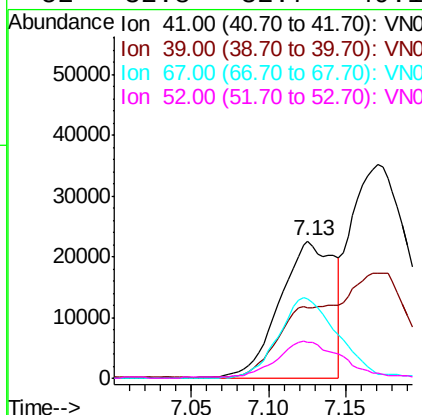
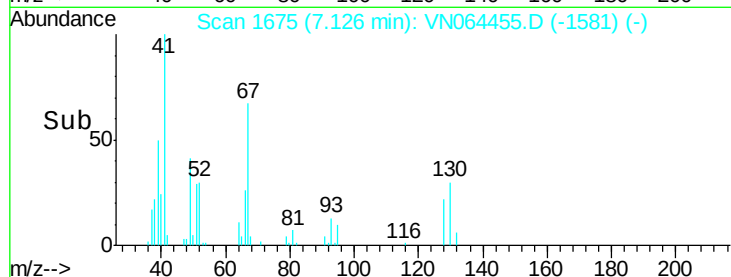
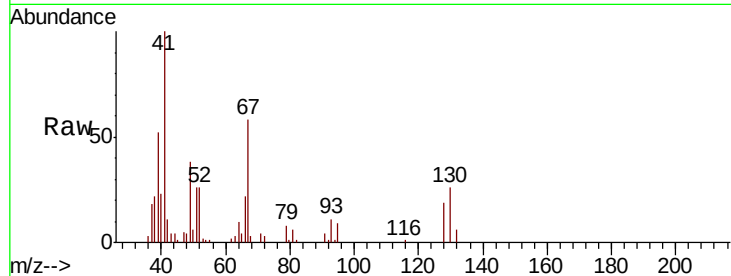
#41  
Methacrylonitrile  
Concen: 22.471 ug/l  
RT: 7.13 min Scan# 1675  
Delta R.T. 0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 41      | 100   |       |        |
| 39      | 31.6  | 50.0  | 75.0#  |
| 67      | 64.4  | 68.3  | 102.5# |
| 52      | 32.8  | 32.7  | 49.1   |

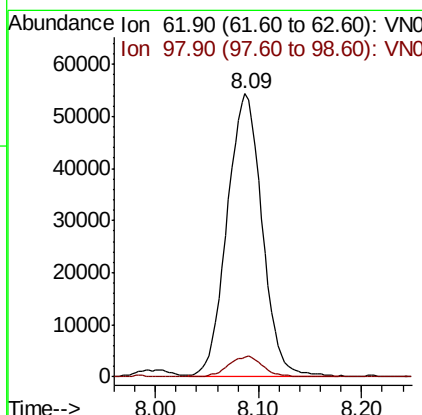
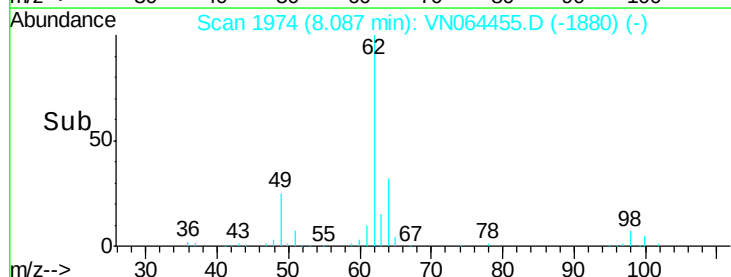
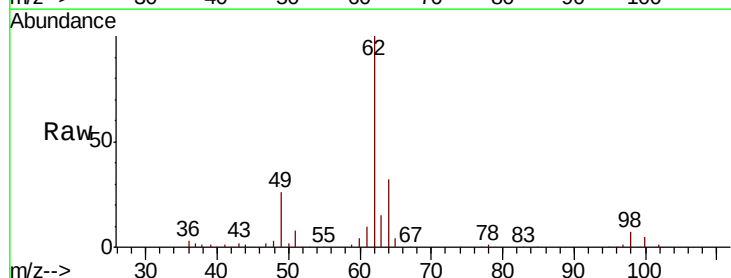
Manual Integrations  
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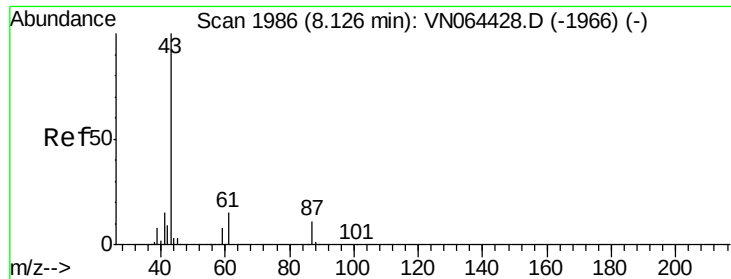
MMDadoda  
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#42  
1,2-Dichloroethane  
Concen: 19.415 ug/l  
RT: 8.09 min Scan# 1974  
Delta R.T. 0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 7.3   | 0.0   | 14.0  |





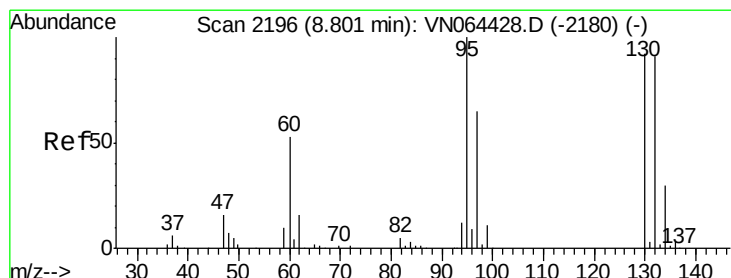
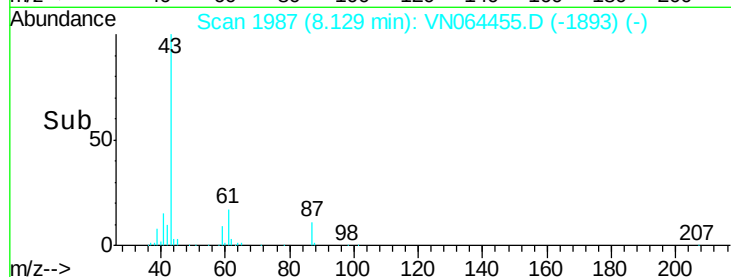
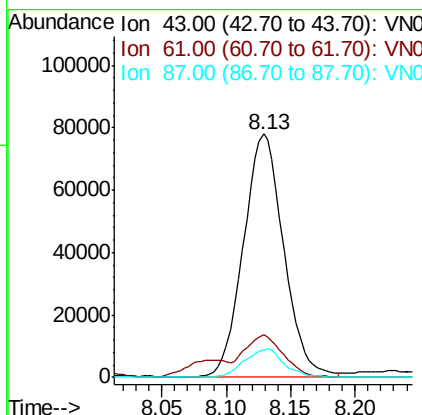
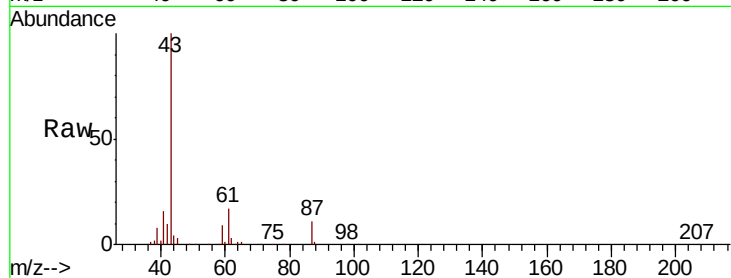
#43  
Isopropyl Acetate  
Concen: 18.857 ug/l  
RT: 8.13 min Scan# 1987  
Delta R.T. 0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 17.2  | 14.0  | 21.0  |
| 87      | 11.5  | 9.1   | 13.7  |

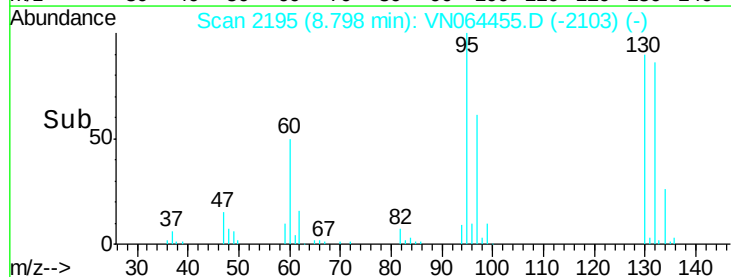
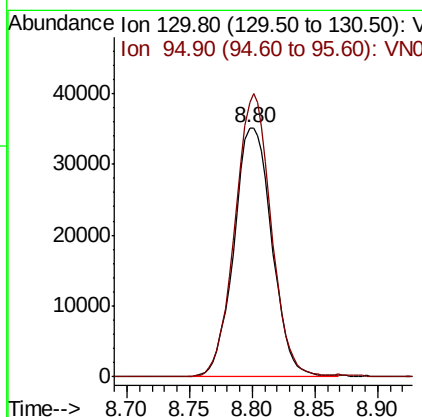
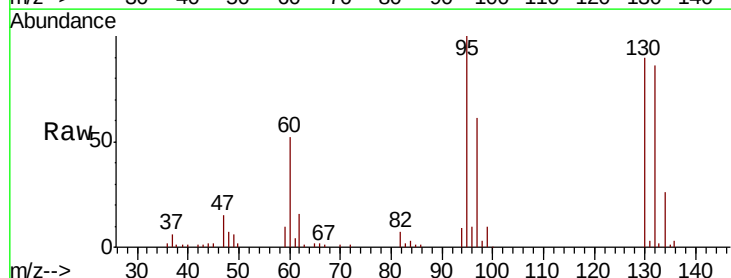
Manual Integrations  
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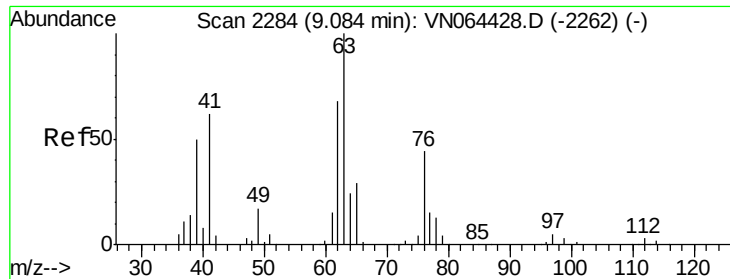
MMDadoda  
11/6/2020 8:51:12 AM



#44  
Trichloroethene  
Concen: 18.033 ug/l  
RT: 8.80 min Scan# 2195  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 110.5 | 0.0   | 216.8 |





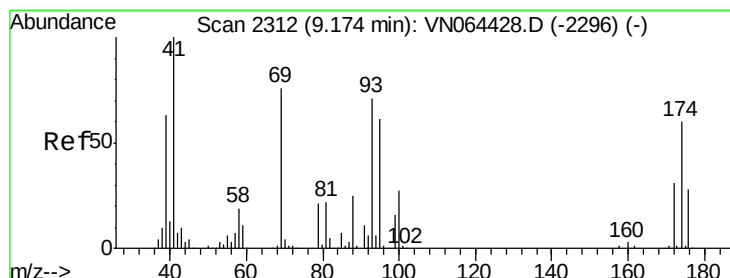
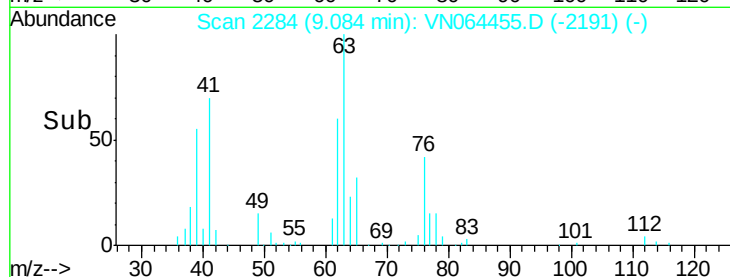
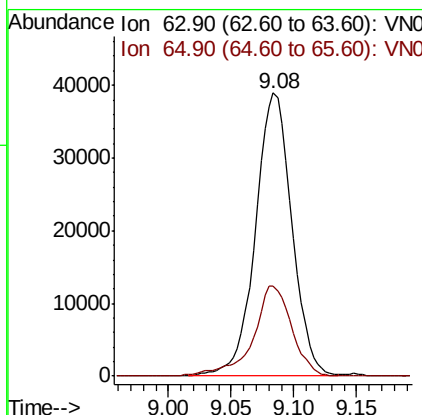
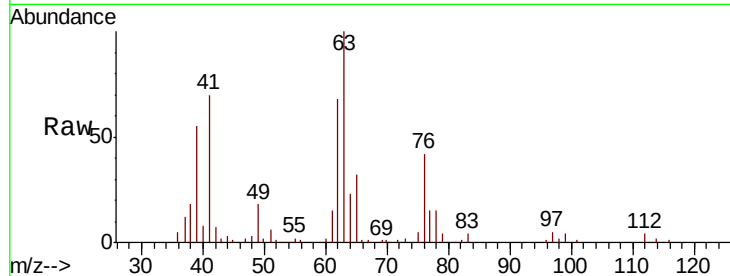
#45  
 1,2-Dichloropropane  
 Concen: 18.172 ug/l  
 RT: 9.08 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1105WBSD01

Tot Ion: 63 Resp: 78812  
 Ion Ratio Lower Upper  
 63 100  
 65 31.8 23.6 35.4

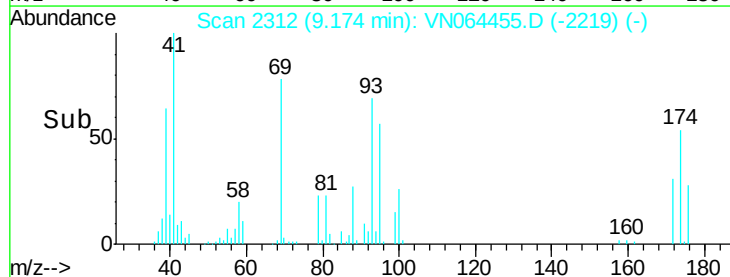
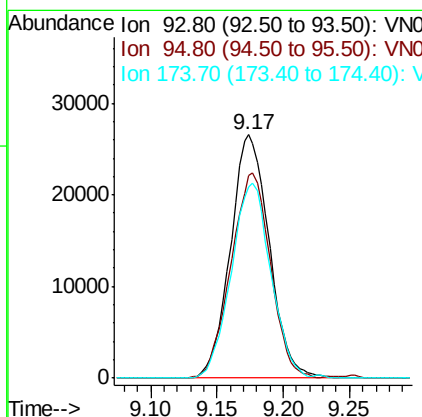
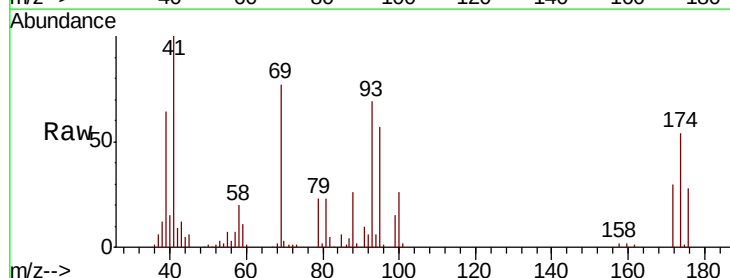
Manual Integrations  
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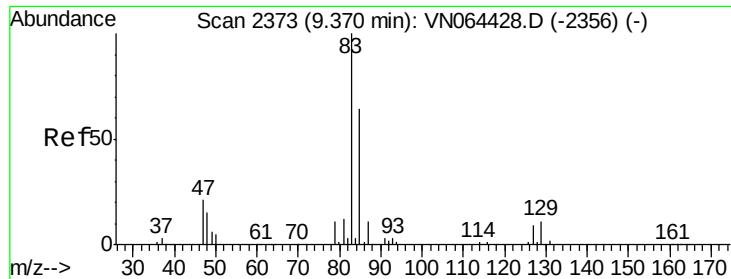
MMDadoda  
 11/6/2020 8:51:12 AM



#46  
 Dibromomethane  
 Concen: 18.895 ug/l  
 RT: 9.17 min Scan# 2312  
 Delta R.T. -0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

Tgt Ion: 93 Resp: 53944  
 Ion Ratio Lower Upper  
 93 100  
 95 85.7 66.4 99.6  
 174 81.7 67.2 100.8





#47

Bromodichloromethane

Concen: 18.670 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

Instrument :

MSVOA\_N

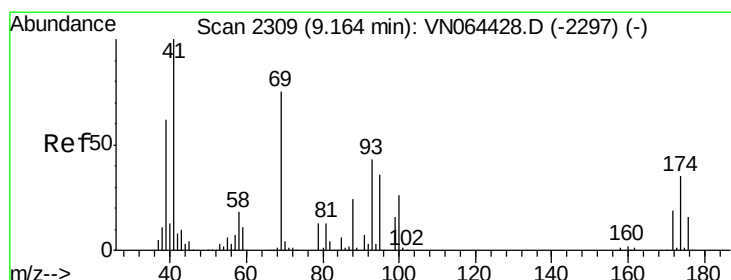
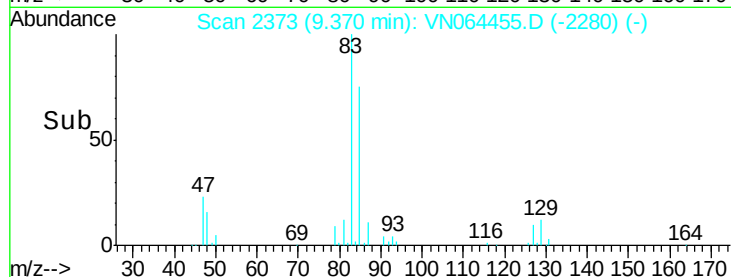
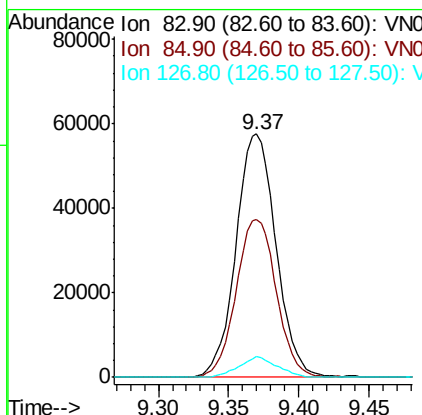
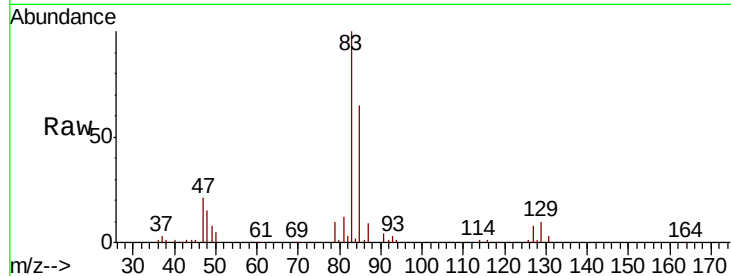
ClientSampleId :

VN1105WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 114614 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.8  | 51.2  | 76.8   |
| 127      | 8.5   | 6.9   | 10.3   |

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11/6/2020 8:51:12 AM



#48

Methyl methacrylate

Concen: 18.698 ug/l

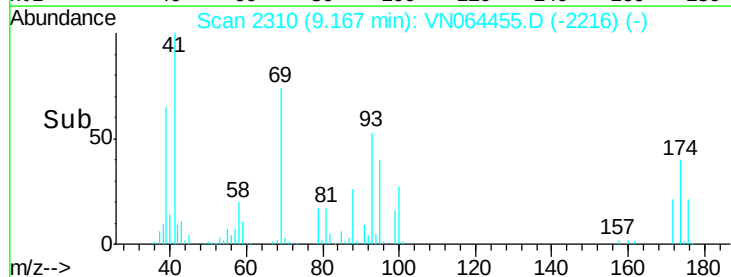
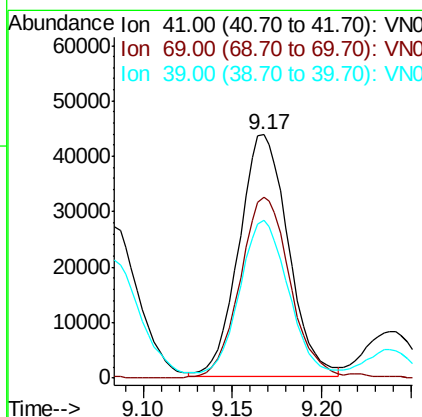
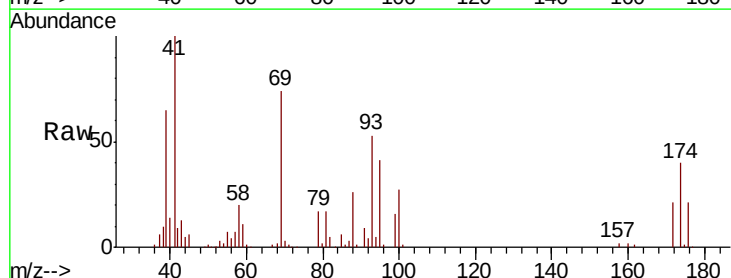
RT: 9.17 min Scan# 2310

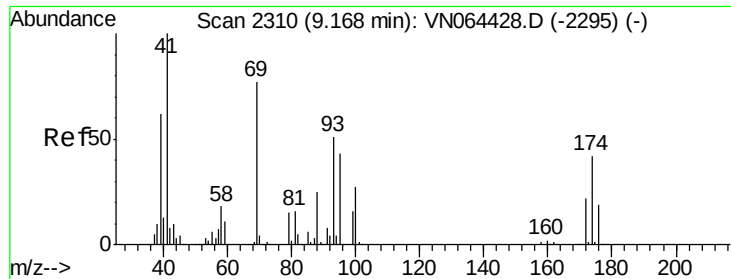
Delta R.T. 0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 84577 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 75.5  | 60.4  | 90.6  |
| 39       | 64.7  | 51.2  | 76.8  |





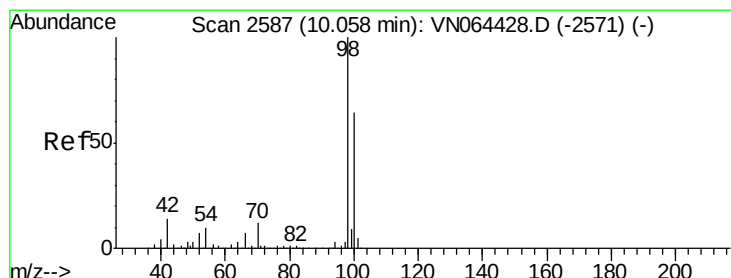
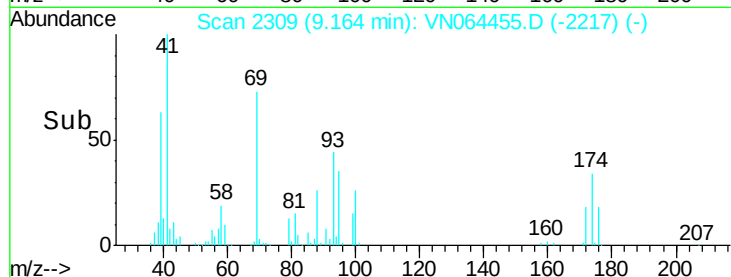
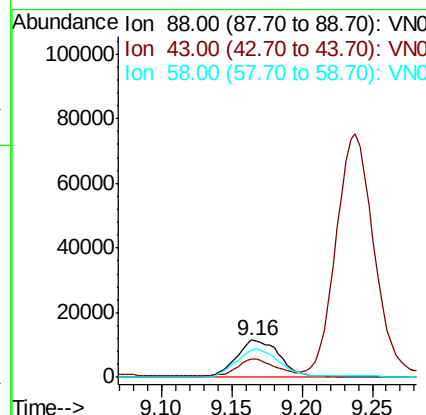
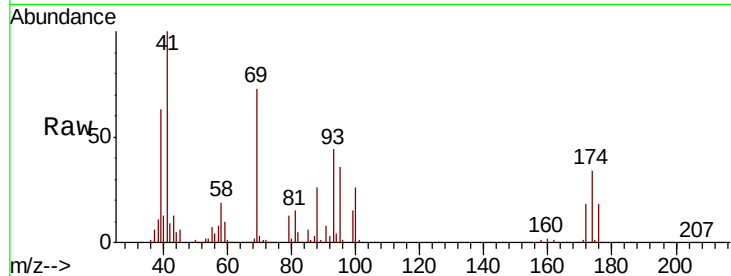
#49  
1,4-Dioxane  
Concen: 421.108 ug/l  
RT: 9.16 min Scan# 2309  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 39.1  | 31.0  | 46.6  |
| 58      | 74.4  | 58.4  | 87.6  |

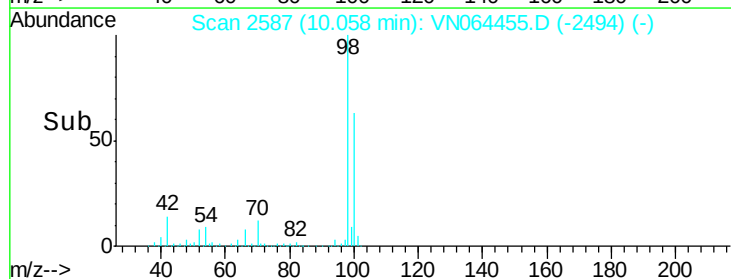
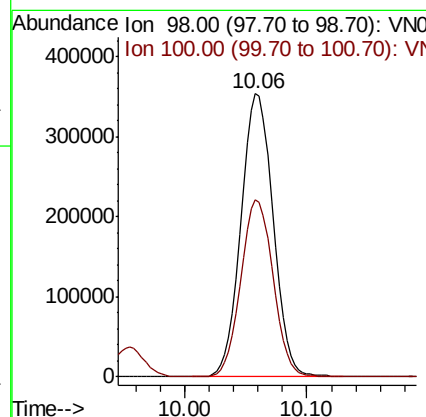
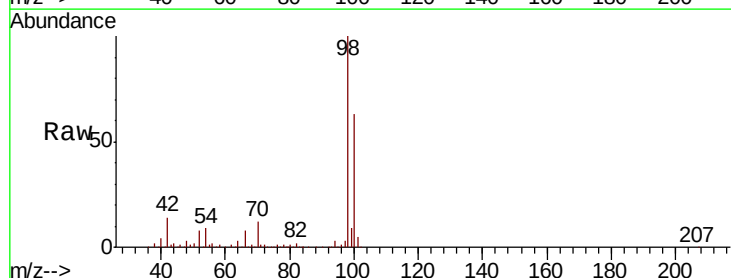
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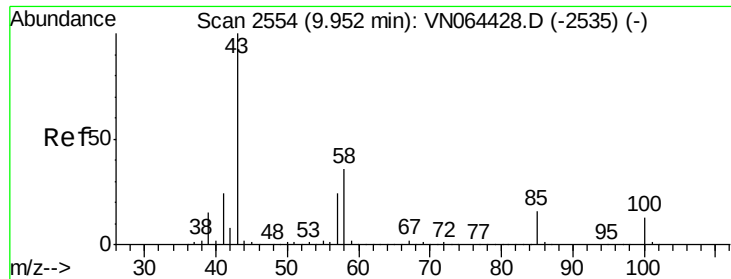
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#50  
Toluene-d8  
Concen: 46.770 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 62.9  | 50.7  | 76.1  |





#51

4-Methyl-2-Pentanone

Concen: 100.769 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

Instrument :

MSVOA\_N

ClientSampleId :

VN1105WBSD01

Tot Ion: 43 Resp: 526781

Ion Ratio Lower Upper

43 100

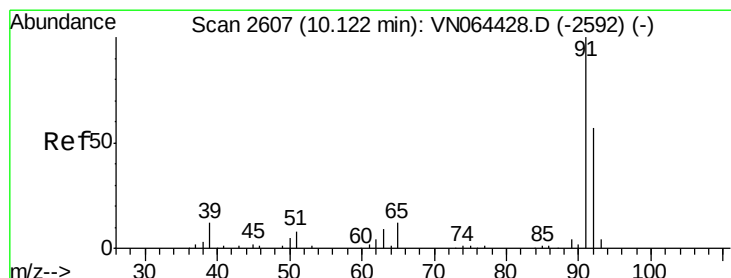
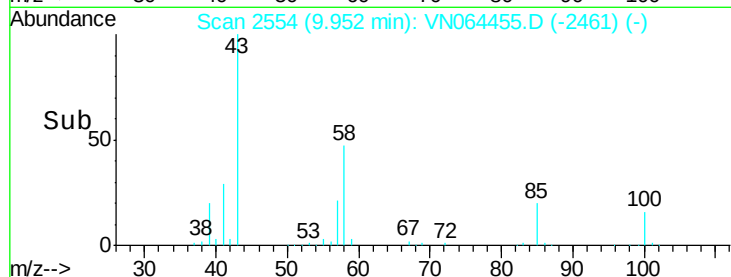
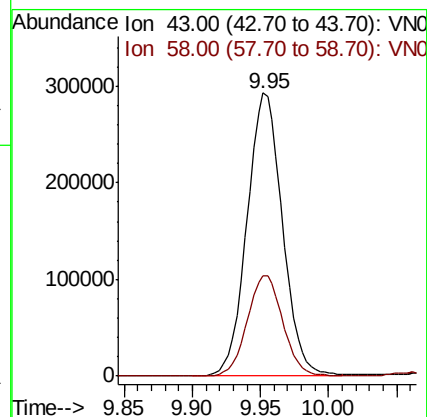
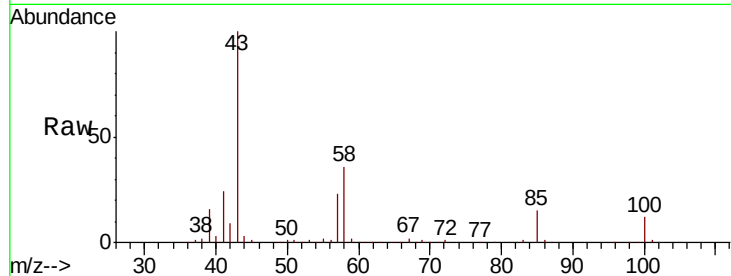
58 35.9 28.4 42.6

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#52

Toluene

Concen: 17.887 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064455.D

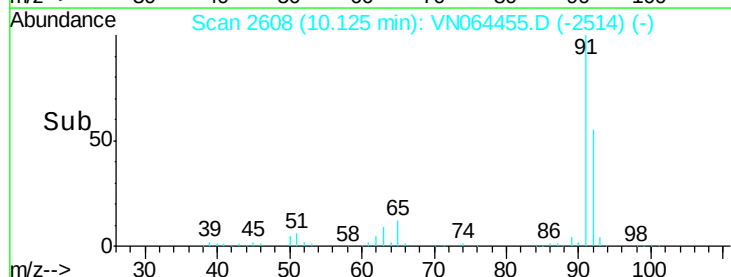
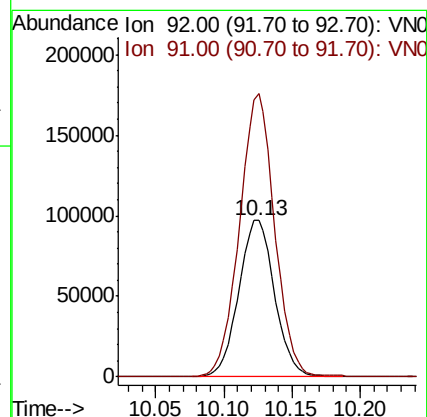
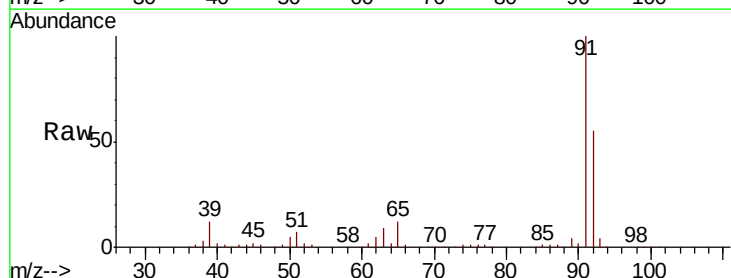
Acq: 5 Nov 2020 12:52

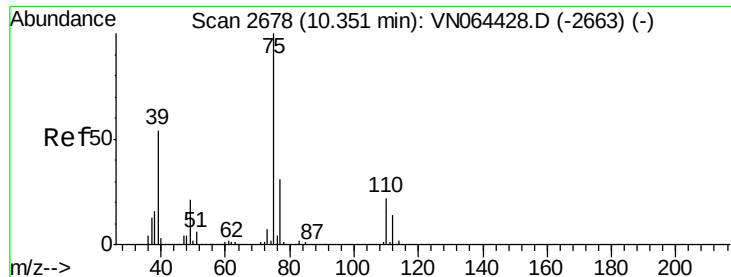
Tgt Ion: 92 Resp: 177321

Ion Ratio Lower Upper

92 100

91 177.1 139.6 209.4





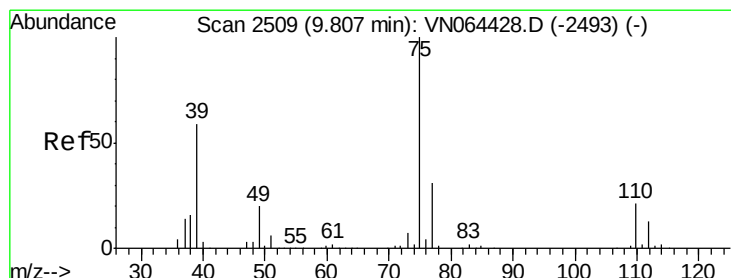
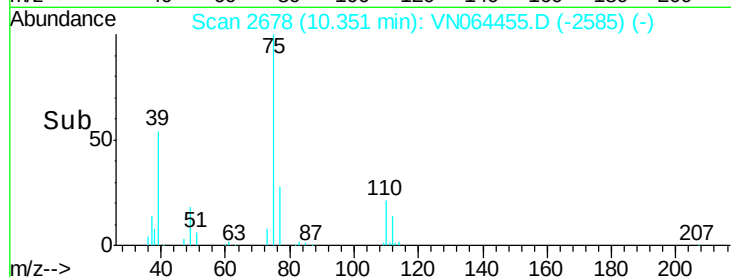
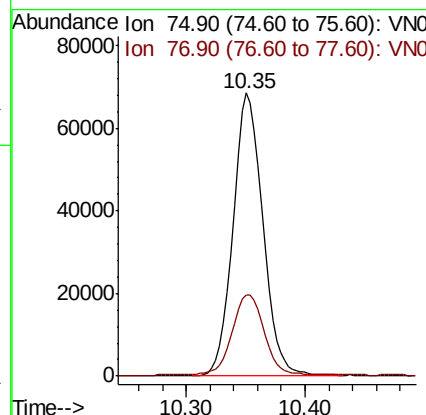
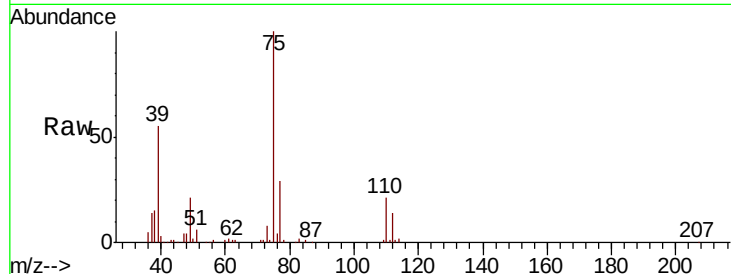
#53  
t-1,3-Dichloropropene  
Concen: 18.331 ug/l  
RT: 10.35 min Scan# 2678  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

Tot Ion: 75 Resp: 119302  
Ion Ratio Lower Upper  
75 100  
77 28.1 24.8 37.2

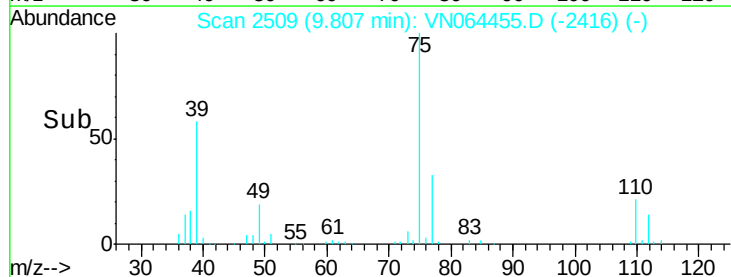
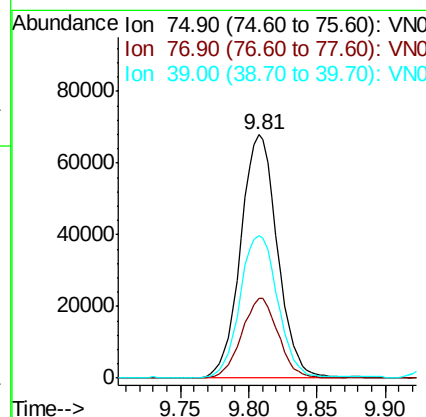
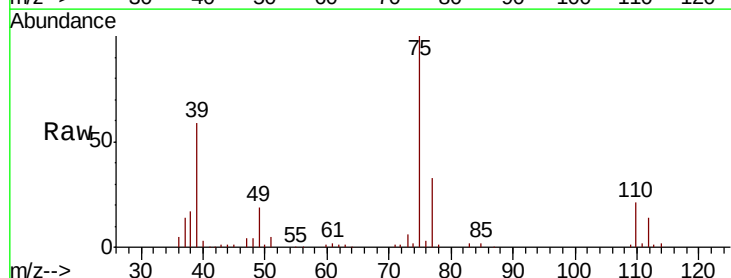
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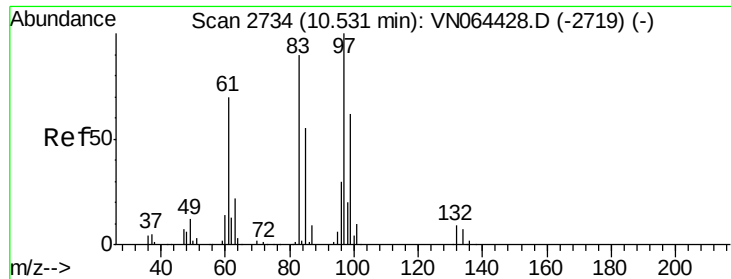


#54  
cis-1,3-Dichloropropene  
Concen: 18.283 ug/l  
RT: 9.81 min Scan# 2509  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Tgt Ion: 75 Resp: 127221  
Ion Ratio Lower Upper  
75 100  
77 32.6 24.9 37.3  
39 58.6 47.1 70.7







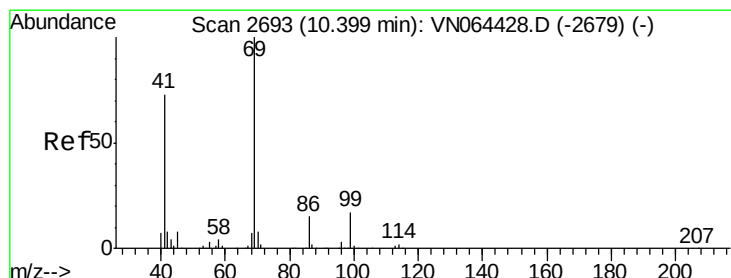
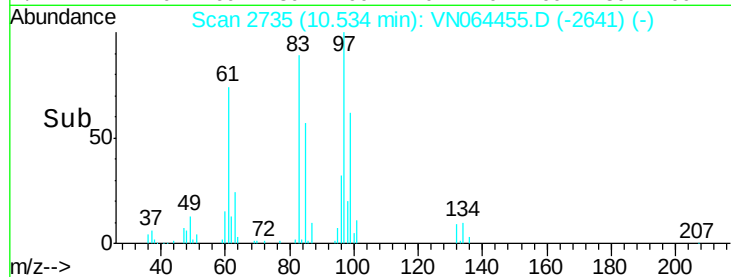
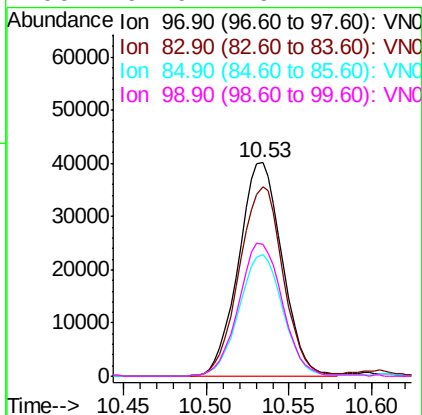
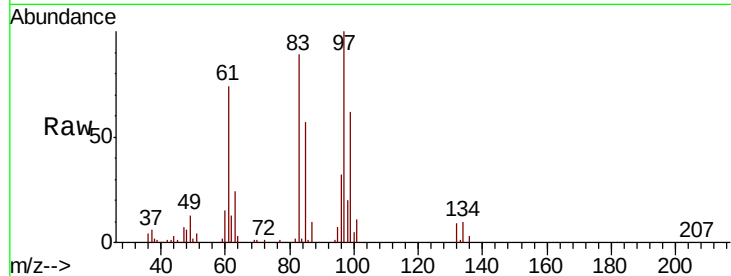
#55  
 1,1,2-Trichloroethane  
 Concen: 18.945 ug/l  
 RT: 10.53 min Scan# 2735  
 Delta R.T. 0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 88.7  | 71.7  | 107.5 |
| 85      | 56.8  | 44.3  | 66.5  |
| 99      | 61.6  | 49.4  | 74.2  |

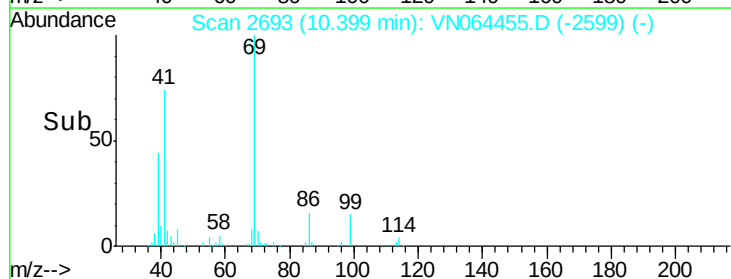
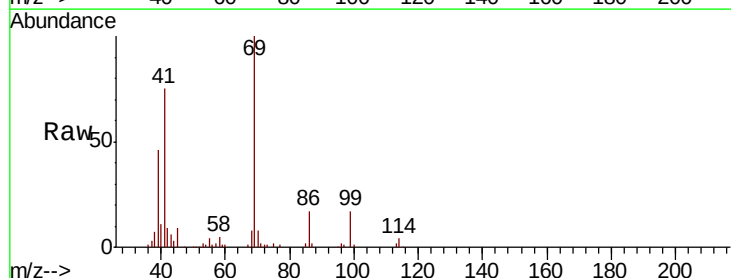
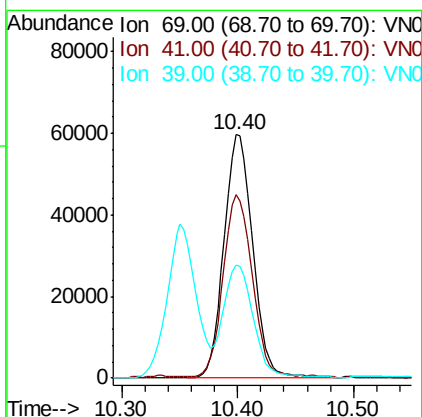
Manual Integrations  
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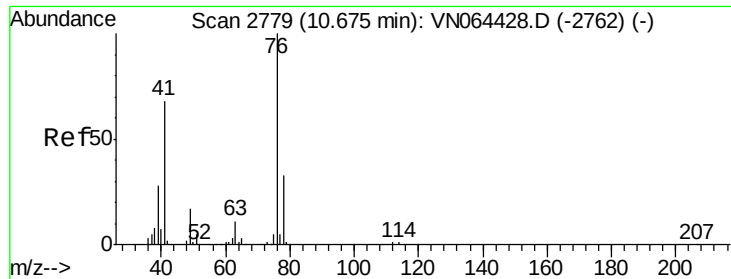
MMDadoda  
 11/6/2020 8:51:12 AM



#56  
 Ethyl methacrylate  
 Concen: 17.355 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. 0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 74.8  | 59.3  | 88.9  |
| 39      | 48.7  | 35.4  | 53.0  |





#57

1,3-Dichloropropane

Concen: 19.260 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

Instrument :

MSVOA\_N

ClientSampleId :

VN1105WBSD01

Tot Ion: 76 Resp: 129977

Ion Ratio Lower Upper

76 100

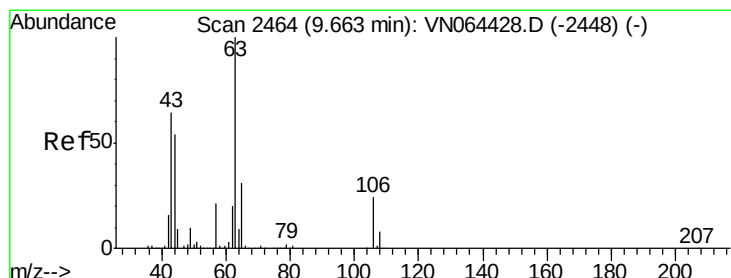
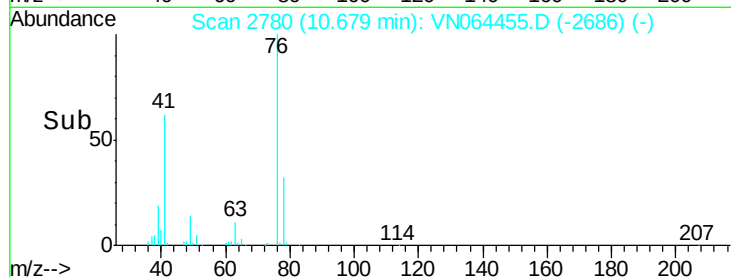
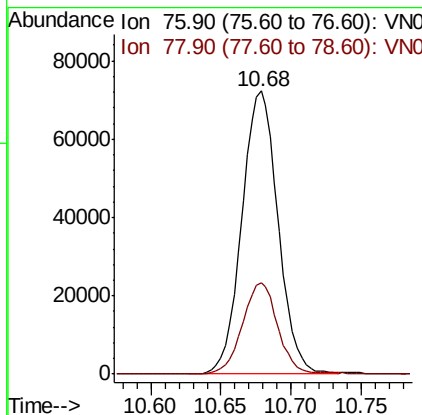
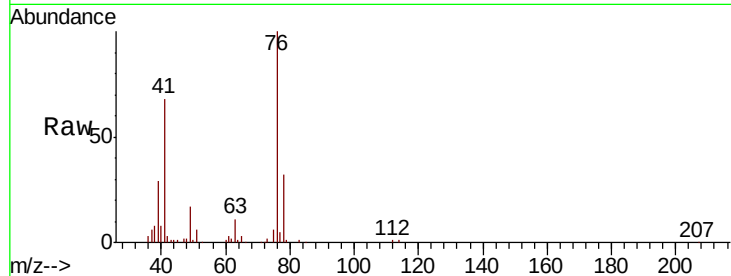
78 31.4 25.8 38.6

Manual Integrations

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11/6/2020 8:51:12 AM



#58

2-Chloroethyl Vinyl ether

Concen: 104.649 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064455.D

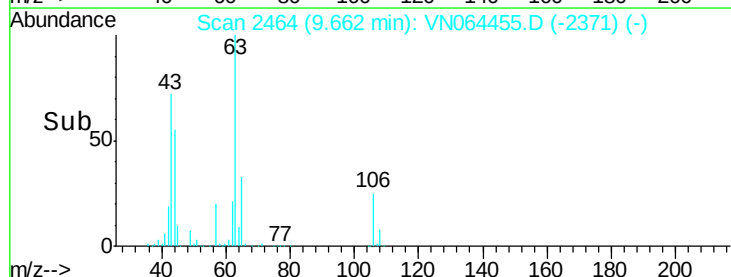
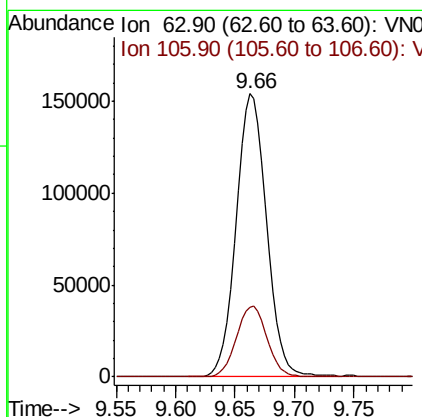
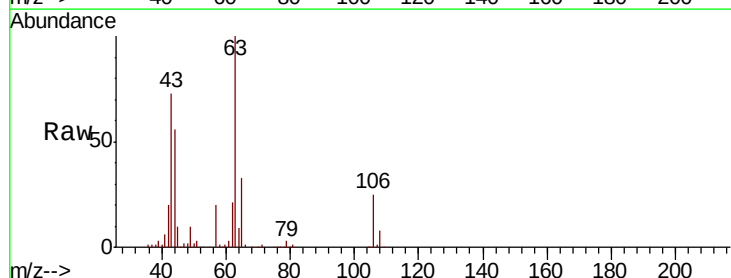
Acq: 5 Nov 2020 12:52

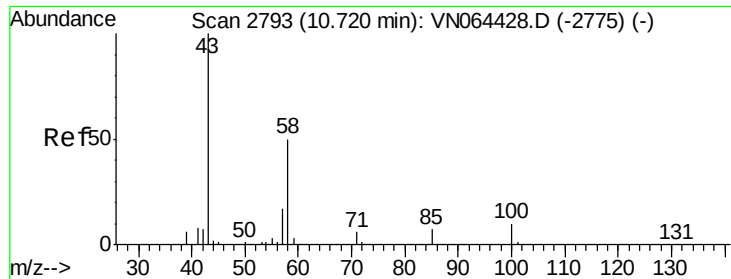
Tgt Ion: 63 Resp: 273363

Ion Ratio Lower Upper

63 100

106 25.2 19.5 29.3





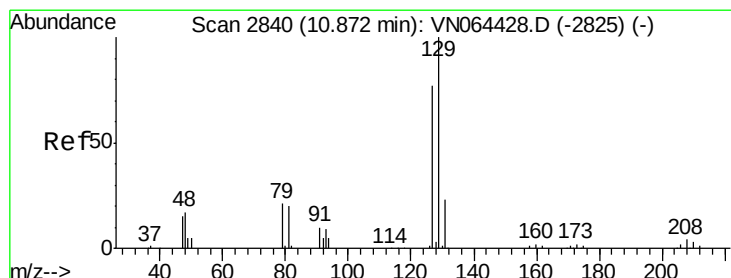
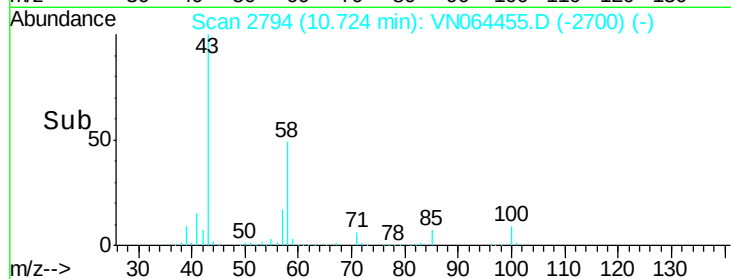
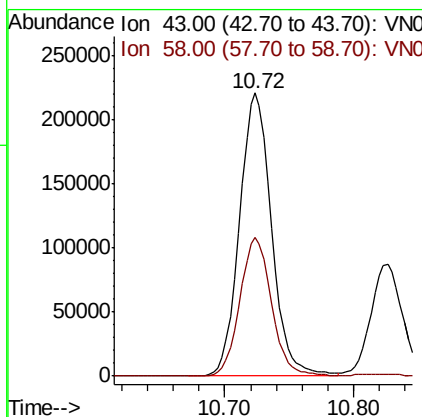
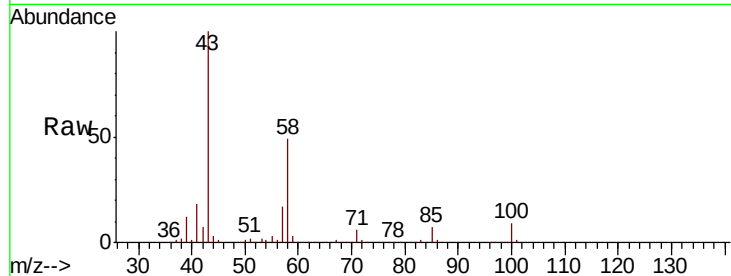
#59  
2-Hexanone  
Concen: 91.303 ug/l  
RT: 10.72 min Scan# 2794  
Delta R.T. 0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

Tot Ion: 43 Resp: 378129  
Ion Ratio Lower Upper  
43 100  
58 48.8 24.7 74.1

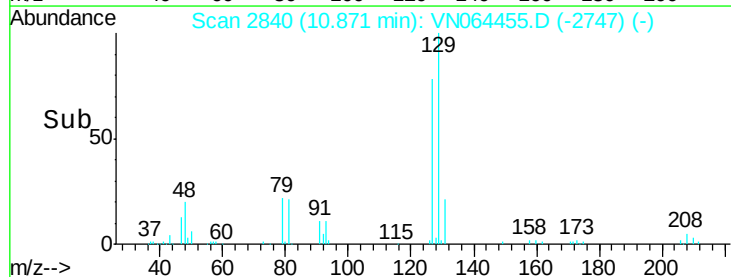
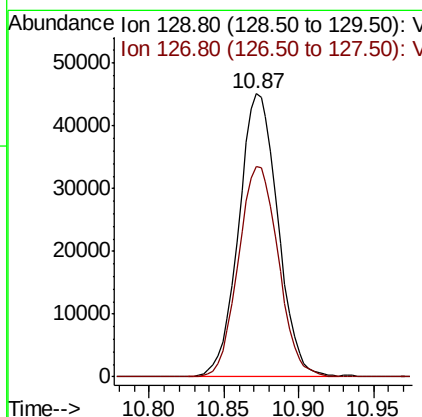
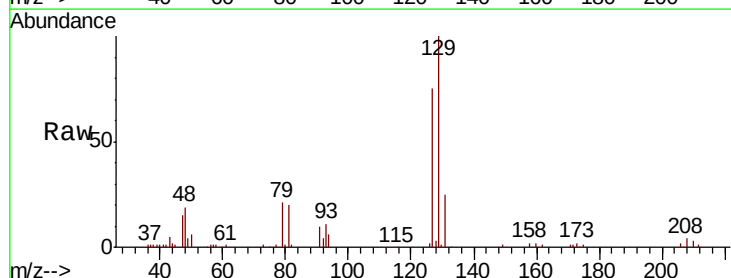
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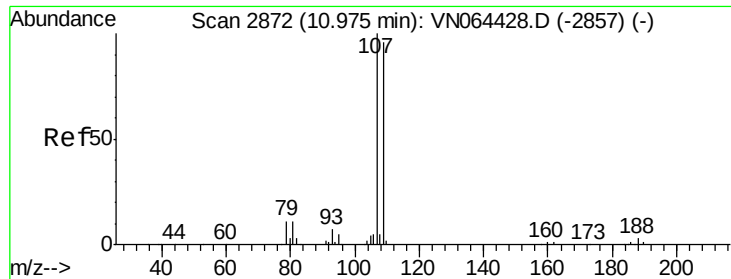
MMDadoda  
11/6/2020 8:51:12 AM



#60  
Dibromochloromethane  
Concen: 18.990 ug/l  
RT: 10.87 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Tgt Ion: 129 Resp: 82203  
Ion Ratio Lower Upper  
129 100  
127 75.9 38.9 116.7





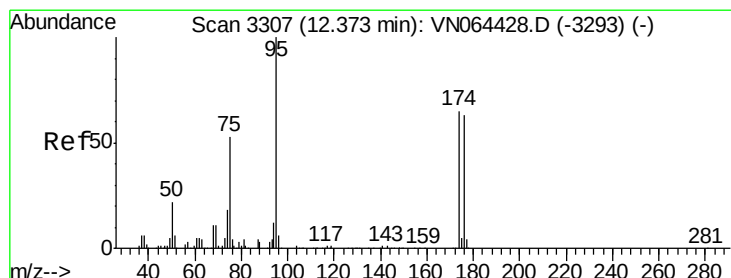
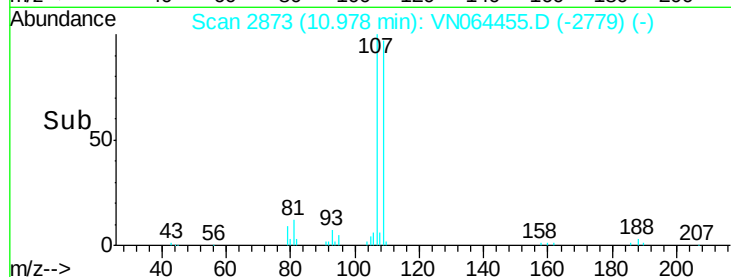
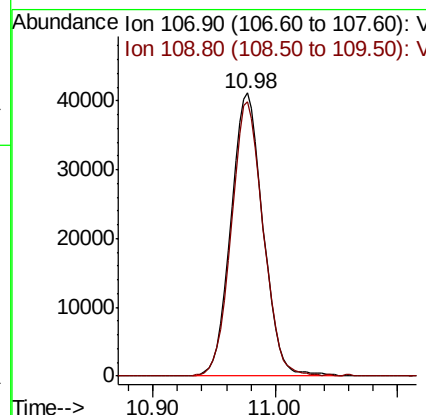
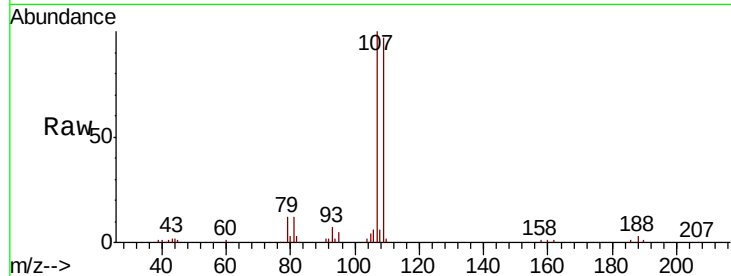
#61  
 1,2-Dibromoethane  
 Concen: 19.260 ug/l  
 RT: 10.98 min Scan# 2873  
 Delta R.T. 0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 96.1  | 75.9  | 113.9 |

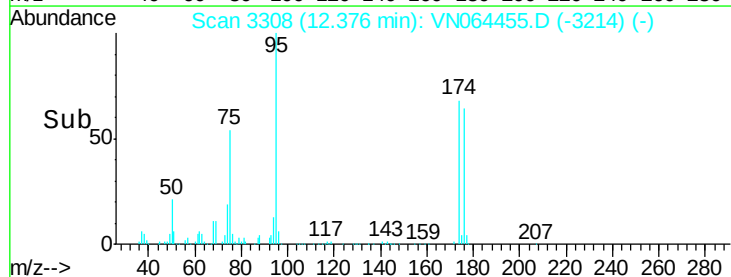
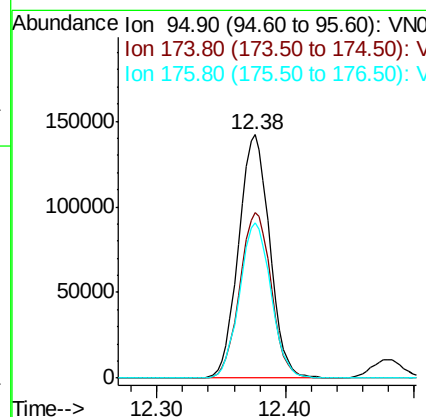
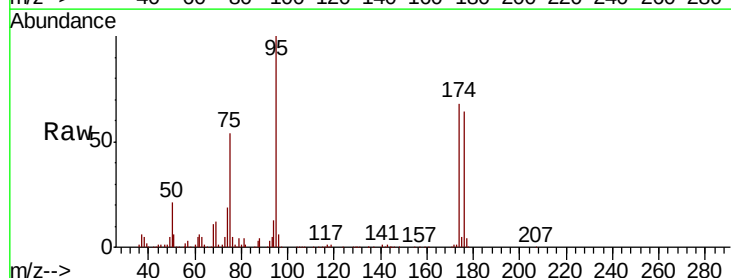
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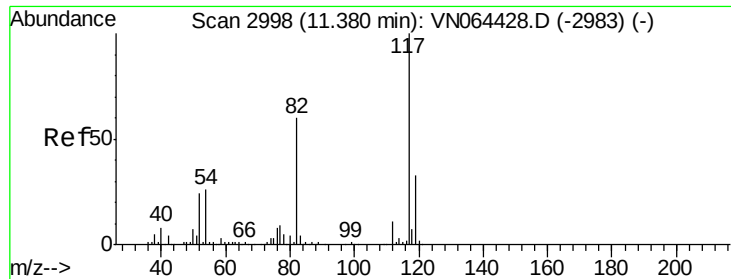
MMDadoda  
 11/6/2020 8:51:12 AM



#62  
 4-Bromofluorobenzene  
 Concen: 45.712 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. 0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 68.7  | 0.0   | 132.6 |
| 176     | 64.5  | 0.0   | 129.2 |





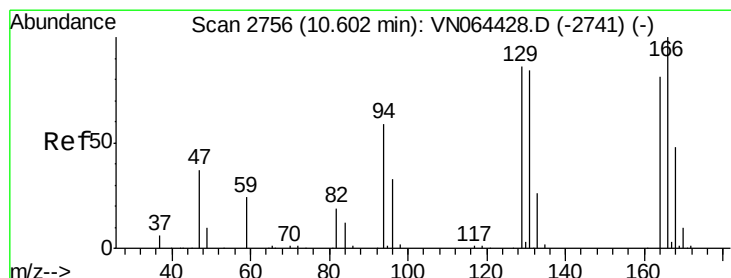
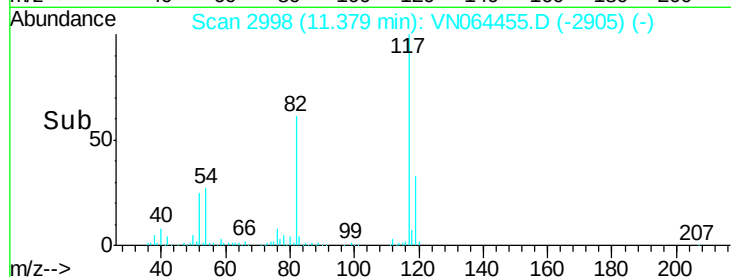
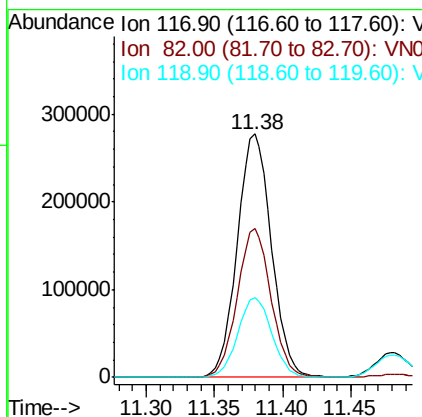
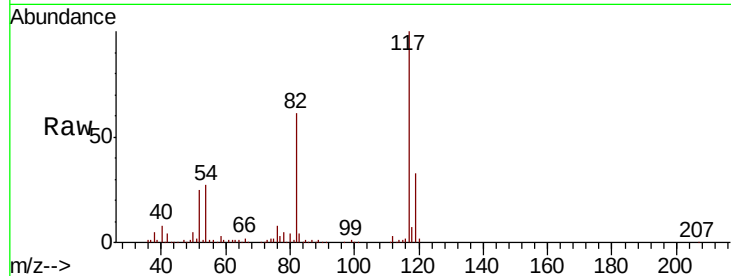
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 483139 |       |       |
| 82      | 61.1  | 48.1   | 72.1  |       |
| 119     | 32.5  | 26.2   | 39.4  |       |

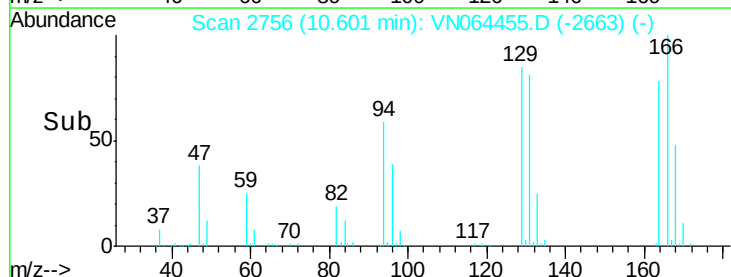
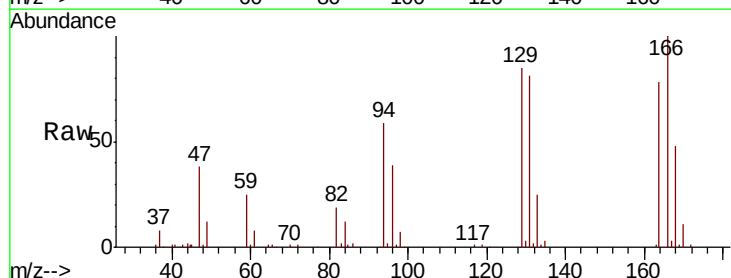
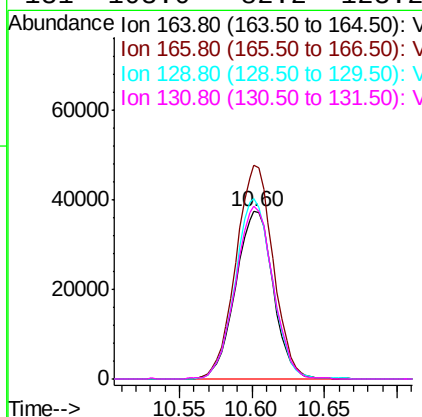
Manual Integrations  
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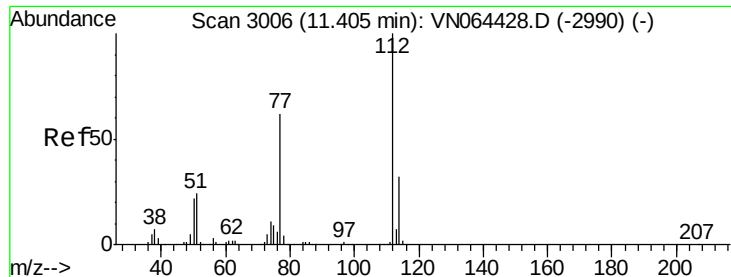
MMDadoda  
11/6/2020 8:51:12 AM



#64  
Tetrachloroethene  
Concen: 18.129 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 67468 |       |       |
| 166     | 127.5 | 98.2  | 147.2 |       |
| 129     | 107.9 | 84.6  | 127.0 |       |
| 131     | 103.0 | 82.2  | 123.2 |       |





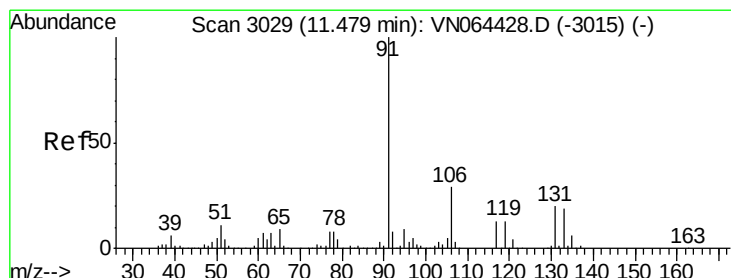
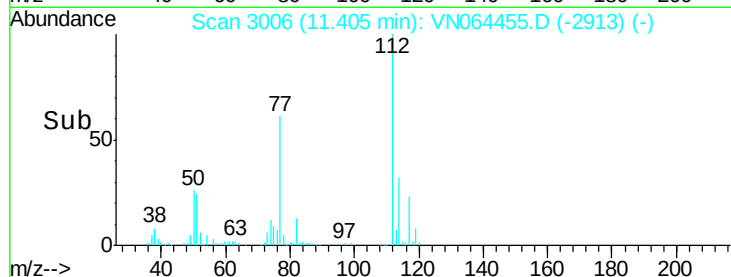
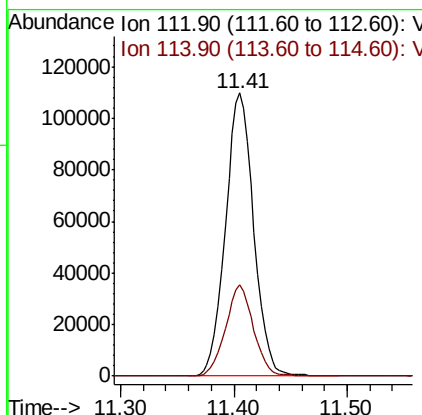
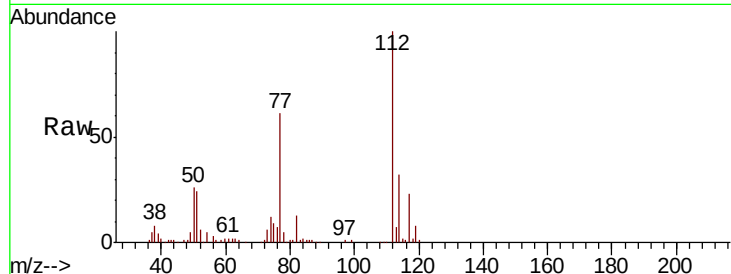
#65  
Chlorobenzene  
Concen: 17.923 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.1  | 25.6  | 38.4  |

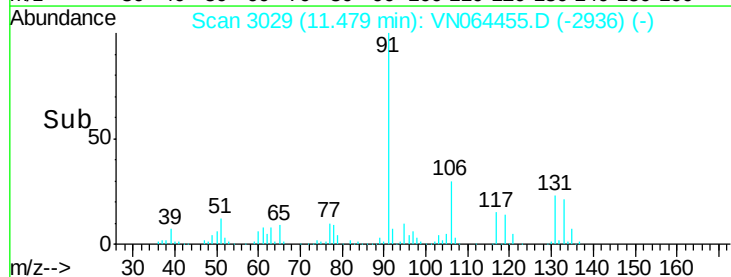
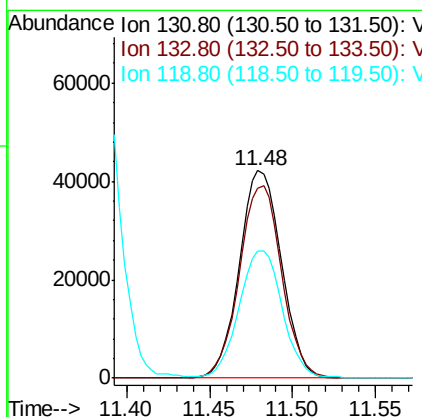
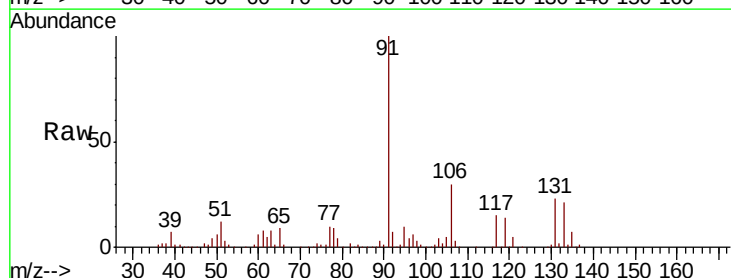
Manual Integrations  
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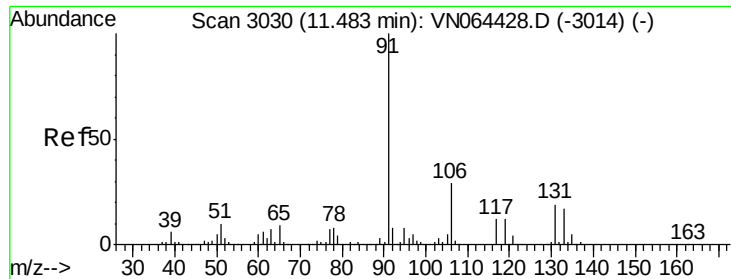
MMDadoda  
11/6/2020 8:51:12 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.823 ug/l  
RT: 11.48 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 93.3  | 46.9  | 140.7 |
| 119     | 63.7  | 32.1  | 96.5  |





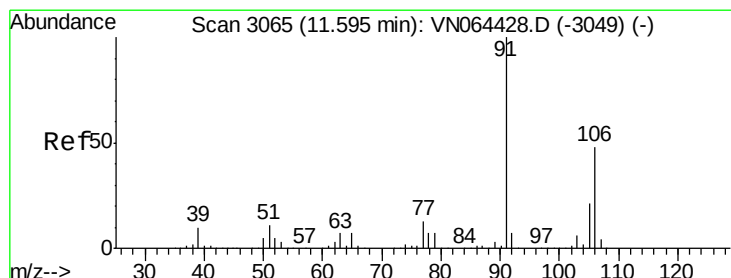
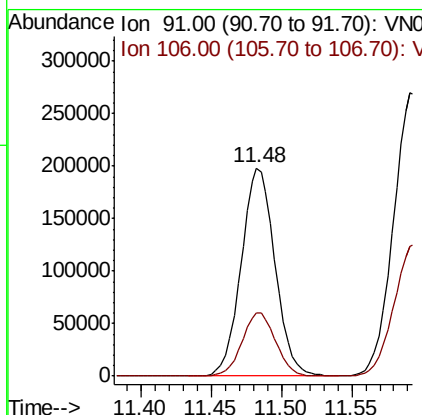
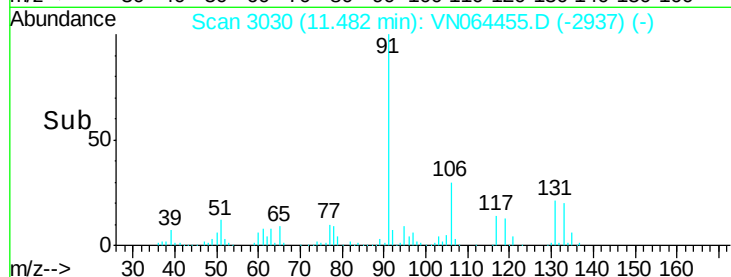
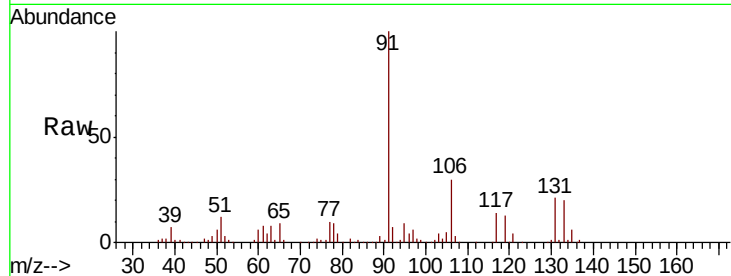
#67  
Ethyl Benzene  
Concen: 17.716 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

Tot Ion: 91 Resp: 333751  
Ion Ratio Lower Upper  
91 100  
106 30.3 23.6 35.4

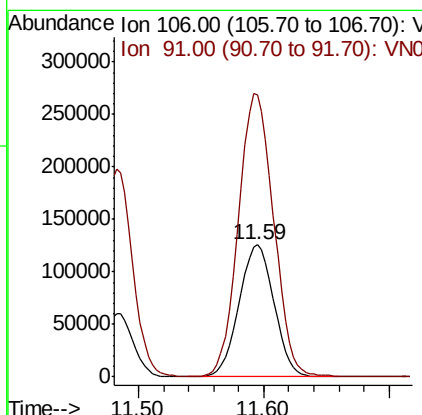
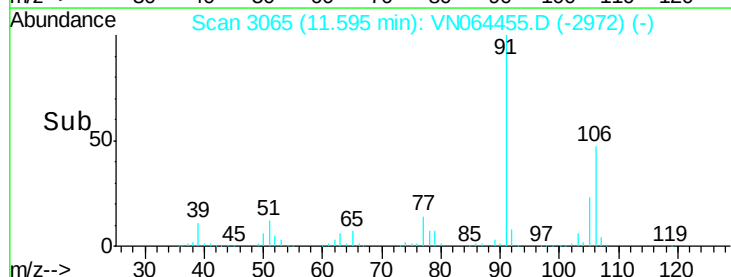
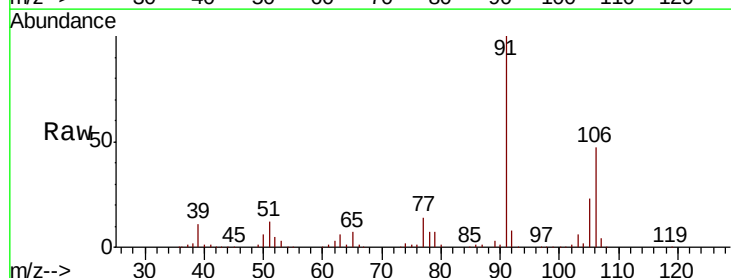
Manual Integrations  
APPROVED

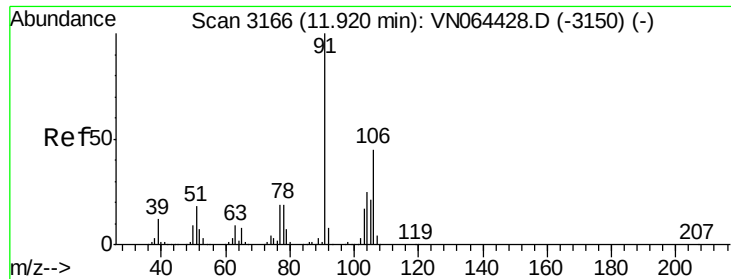
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#68  
m/p-Xylenes  
Concen: 35.662 ug/l  
RT: 11.59 min Scan# 3065  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Tgt Ion: 106 Resp: 243653  
Ion Ratio Lower Upper  
106 100  
91 215.5 169.4 254.2





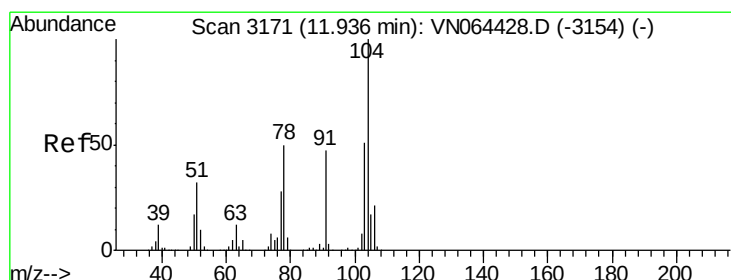
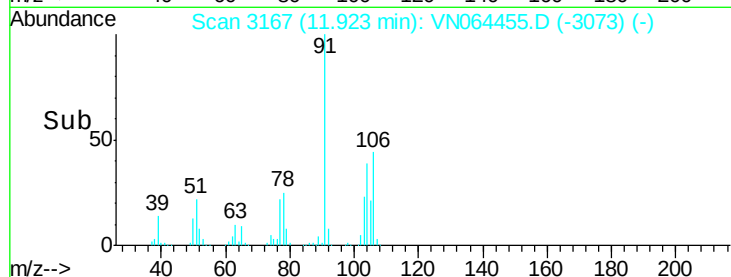
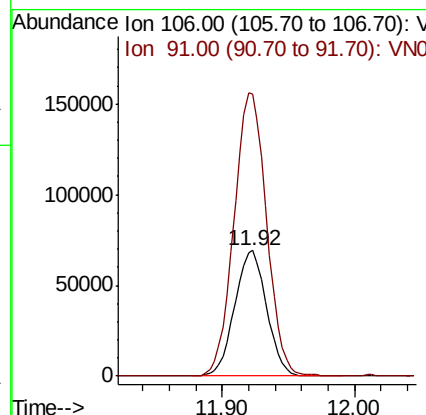
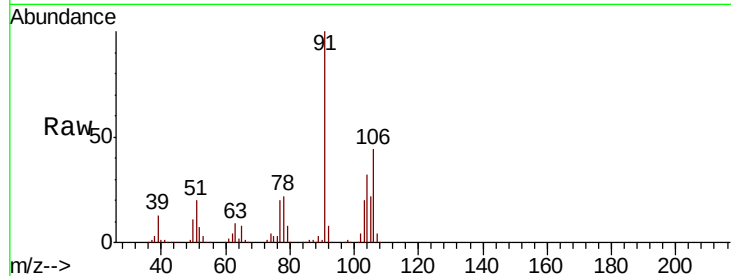
#69  
o-Xylene  
Concen: 17.590 ug/l  
RT: 11.92 min Scan# 3167  
Delta R.T. 0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

Tot Ion:106 Resp: 116132  
Ion Ratio Lower Upper  
106 100  
91 229.0 111.7 334.9

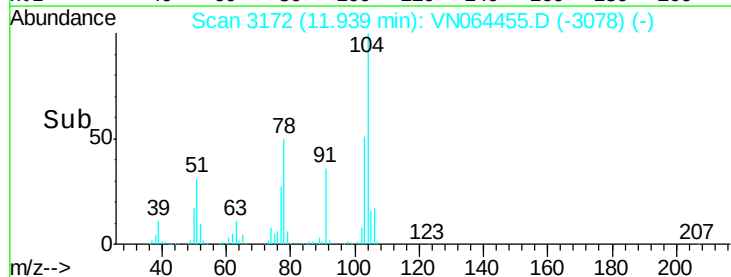
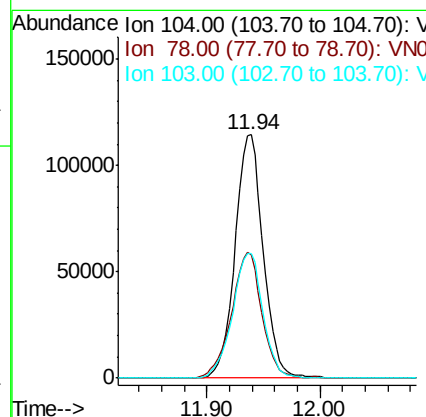
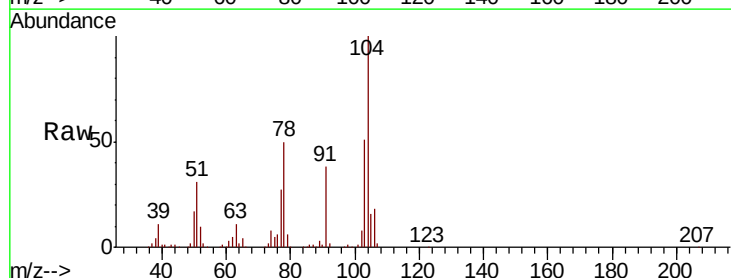
Manual Integrations  
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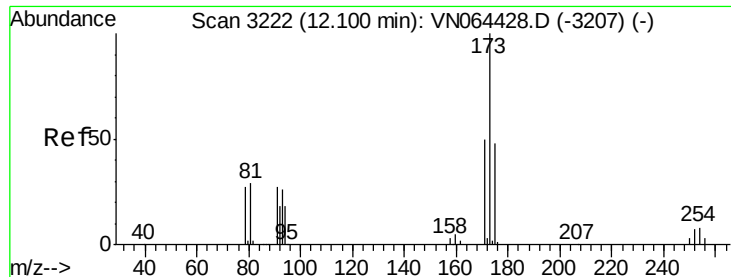


#70  
Styrene  
Concen: 17.837 ug/l  
RT: 11.94 min Scan# 3172  
Delta R.T. 0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Tgt Ion:104 Resp: 198163  
Ion Ratio Lower Upper  
104 100  
78 55.5 44.0 66.0  
103 55.5 43.8 65.6







#71

Bromoform

Concen: 18.074 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

Instrument :

MSVOA\_N

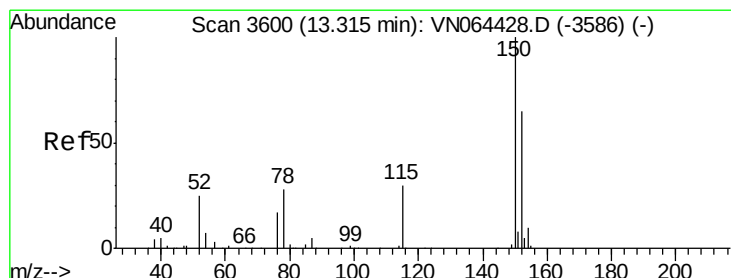
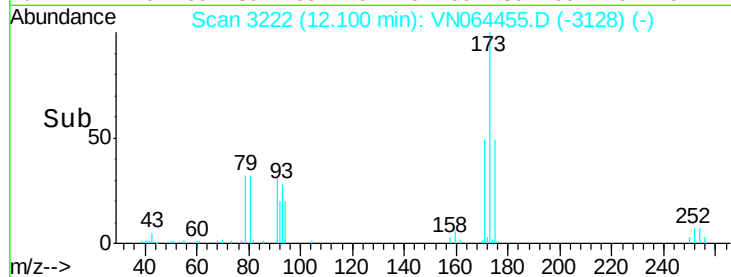
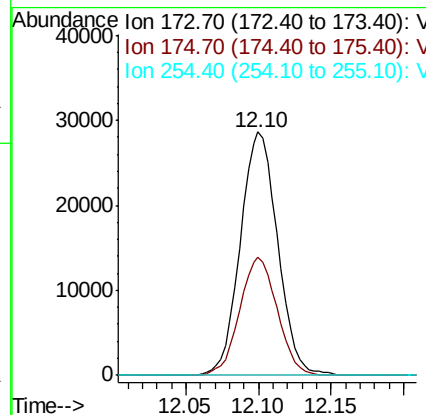
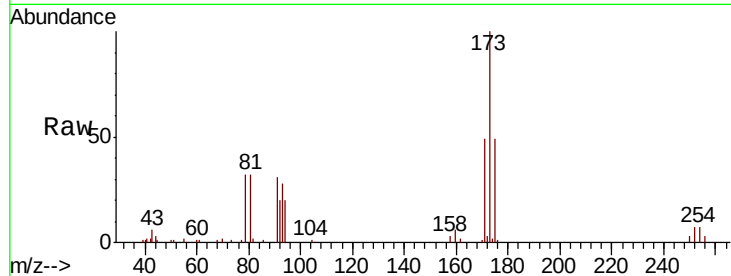
ClientSampleId :

VN1105WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 173   | Resp: | 51146 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.7  | 23.7  | 71.1  |
| 254       | 0.0   | 0.0   | 0.0   |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

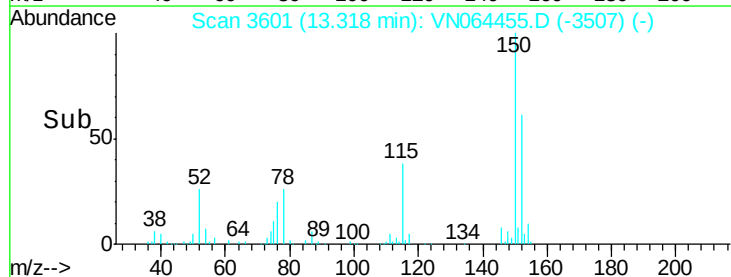
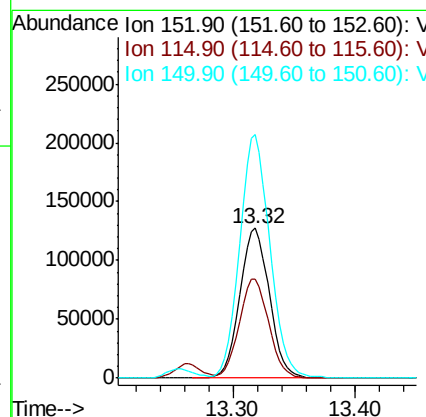
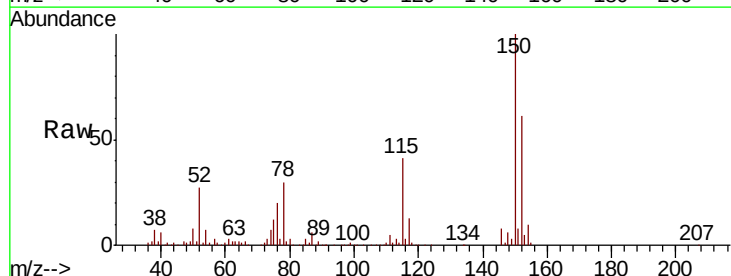
RT: 13.32 min Scan# 3601

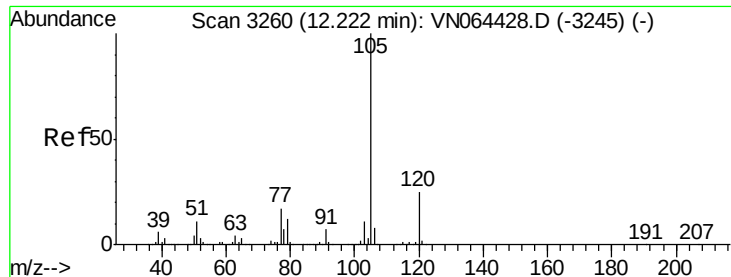
Delta R.T. 0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 213182 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 65.4  | 32.0  | 96.0   |
| 150       | 165.5 | 0.0   | 353.8  |





#73

Isopropylbenzene

Concen: 17.963 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

Instrument :

MSVOA\_N

ClientSampleId :

VN1105WBSD01

Tot Ion: 105 Resp: 304369

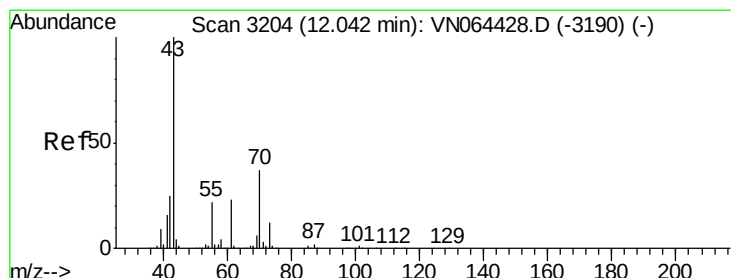
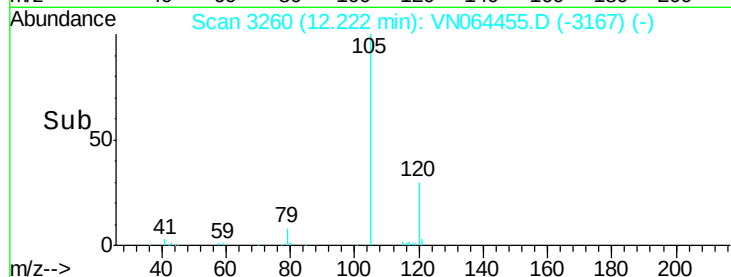
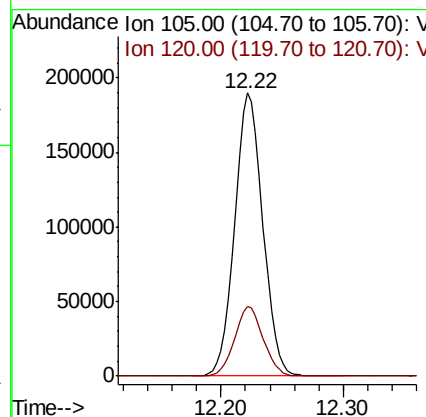
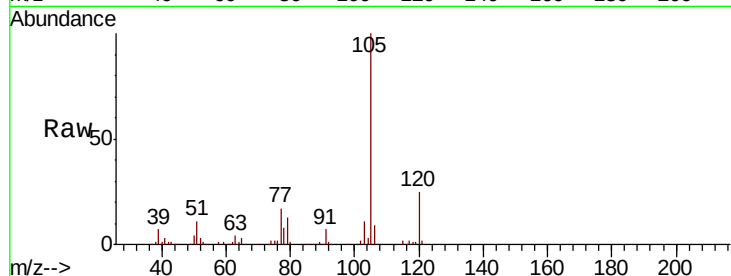
Ion Ratio Lower Upper

105 100

120 25.0 12.8 38.3

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#74

N-ethyl acetate

Concen: 17.855 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

Tgt Ion: 43 Resp: 140153

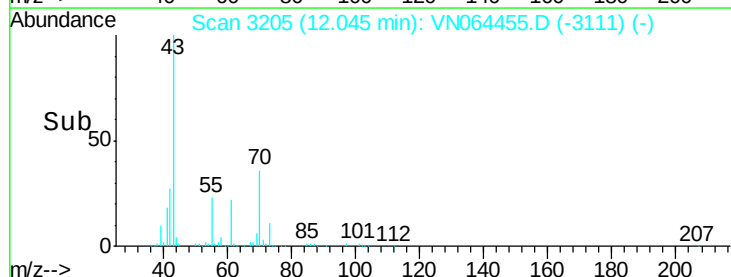
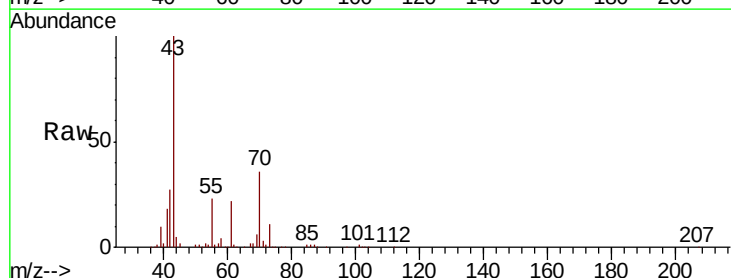
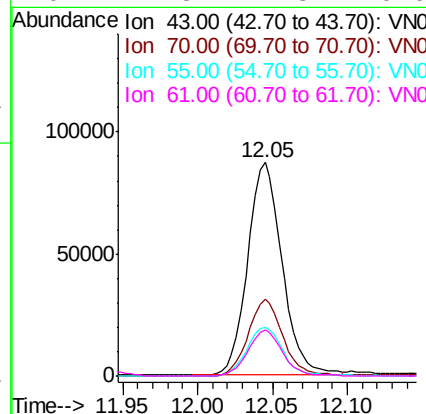
Ion Ratio Lower Upper

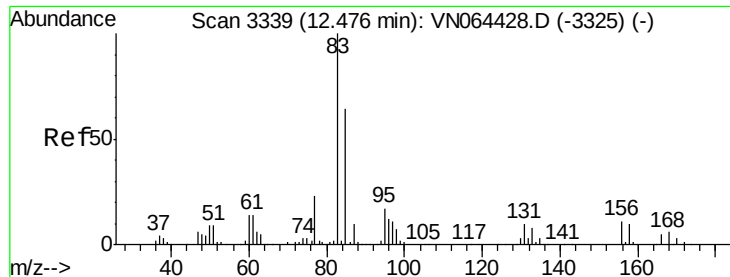
43 100

70 36.6 29.6 44.4

55 24.0 18.4 27.6

61 21.8 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.751 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

Instrument :

MSVOA\_N

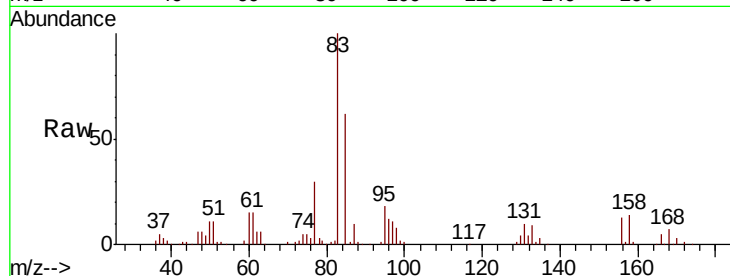
ClientSampleId :

VN1105WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 102793 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.8   | 4.9   | 14.7   |
| 85        | 63.0  | 32.1  | 96.5   |

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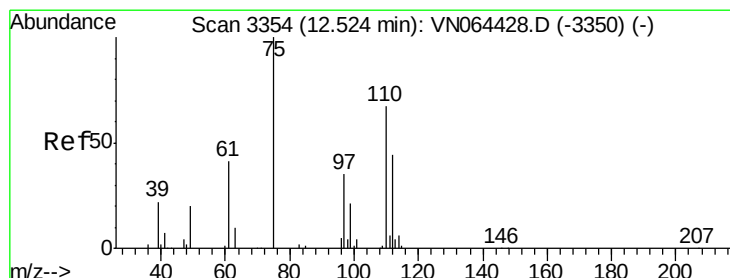
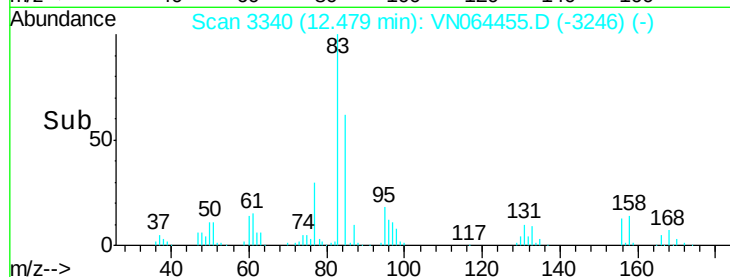
Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064428.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-3325) (-)

12.48

Time-->



#76

1,2,3-Trichloropropane

Concen: 19.499 ug/l m

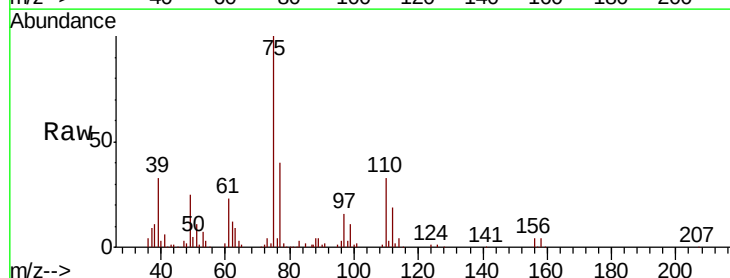
RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 100715 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |

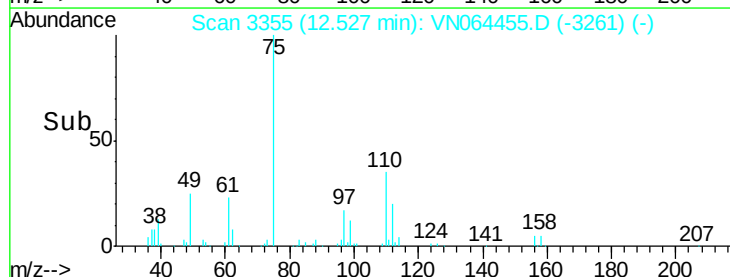


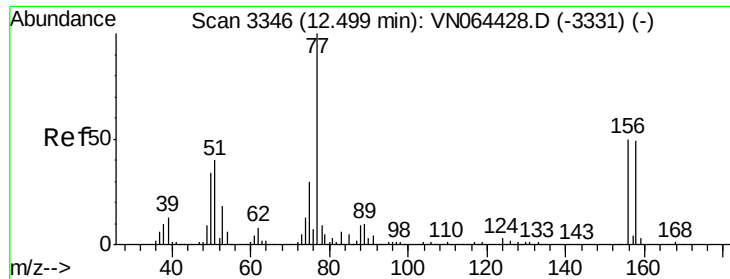
Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064428.D (-3350) (-)

12.53

Time-->





#77

Bromobenzene

Concen: 18.150 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

Instrument :

MSVOA\_N

ClientSampleId :

VN1105WBSD01

Tot Ion:156 Resp: 75083

Ion Ratio Lower Upper

156 100

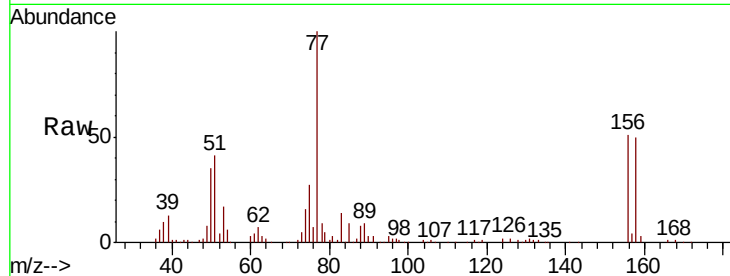
77 242.9 119.0 357.0

158 98.4 48.4 145.3

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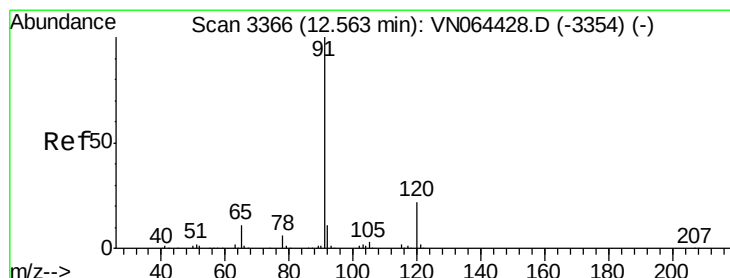
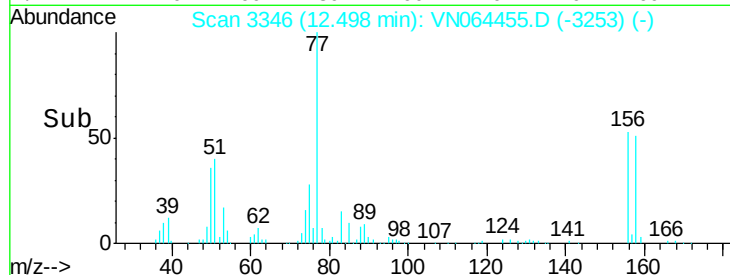
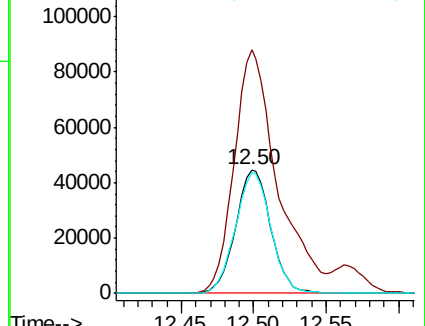
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.693 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064455.D

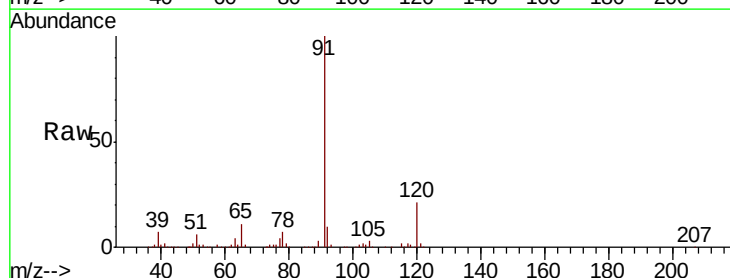
Acq: 5 Nov 2020 12:52

Tgt Ion: 91 Resp: 361109

Ion Ratio Lower Upper

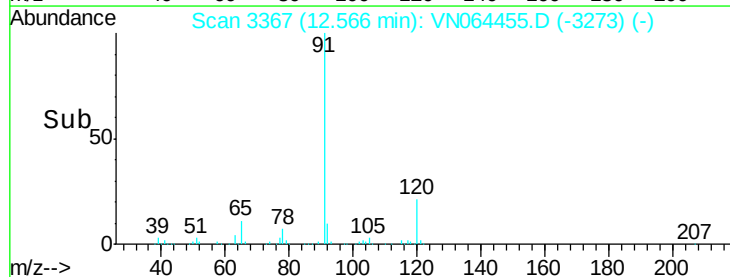
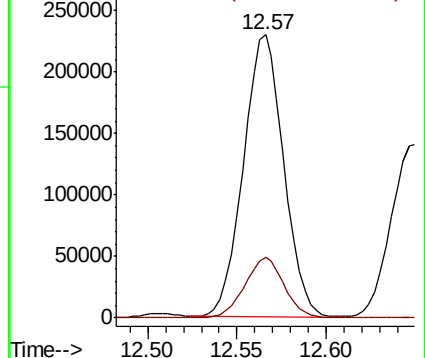
91 100

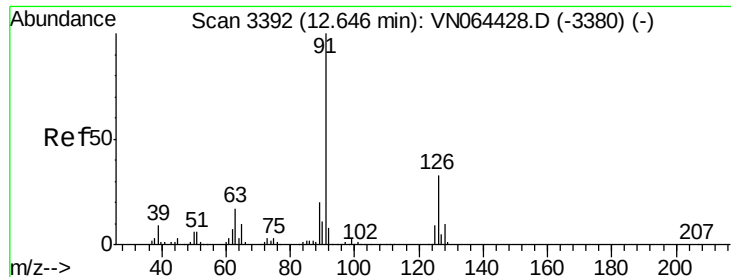
120 21.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.700 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

Instrument :

MSVOA\_N

ClientSampleId :

VN1105WBSD01

Tot Ion: 91 Resp: 229116

Ion Ratio Lower Upper

91 100

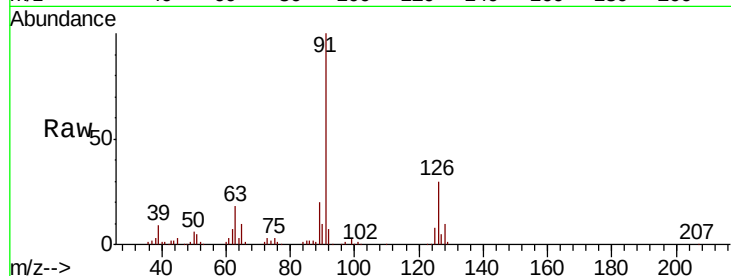
126 31.7 16.4 49.1

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Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3380) (-)

250000

200000

150000

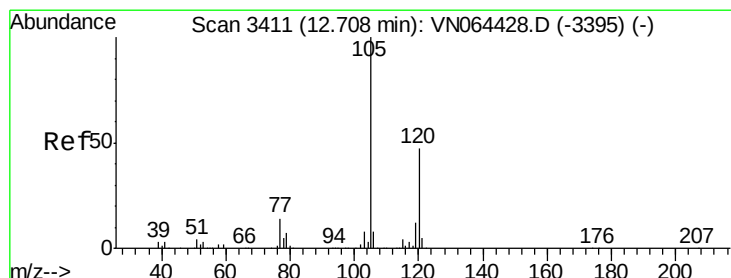
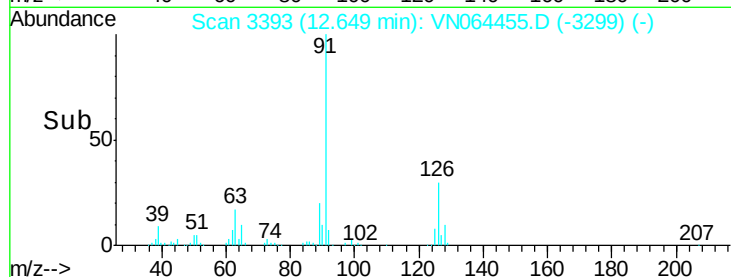
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.278 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064455.D

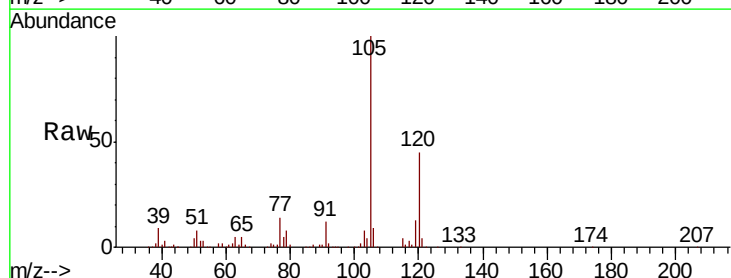
Acq: 5 Nov 2020 12:52

Tgt Ion: 105 Resp: 255507

Ion Ratio Lower Upper

105 100

120 45.6 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)

150000

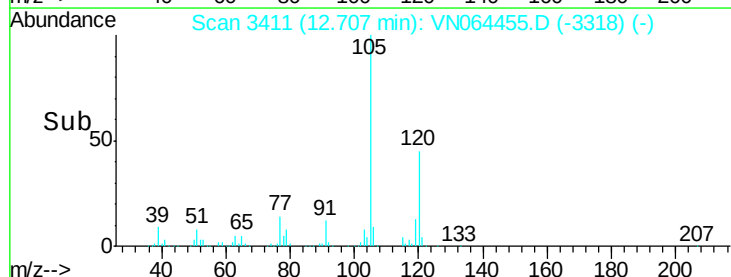
100000

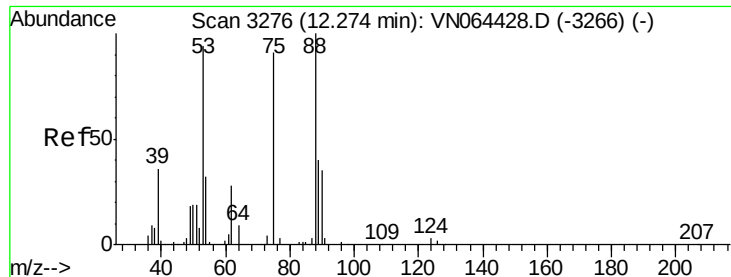
50000

0

12.65 12.70 12.75 12.80

Time-->





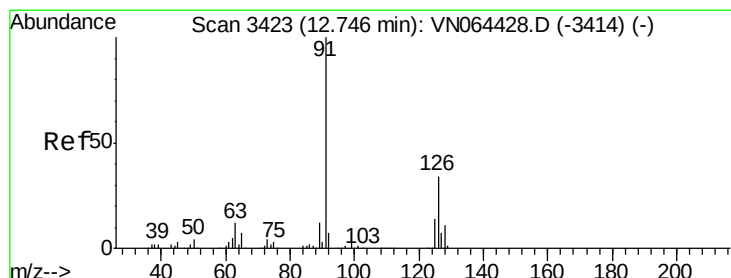
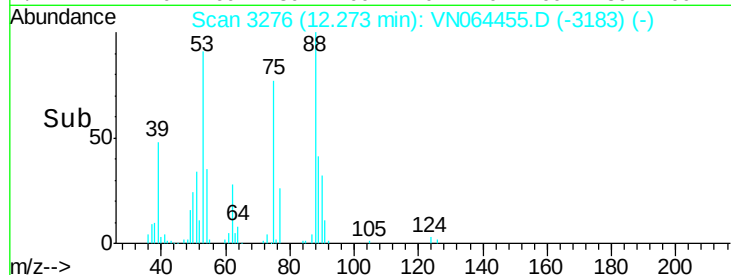
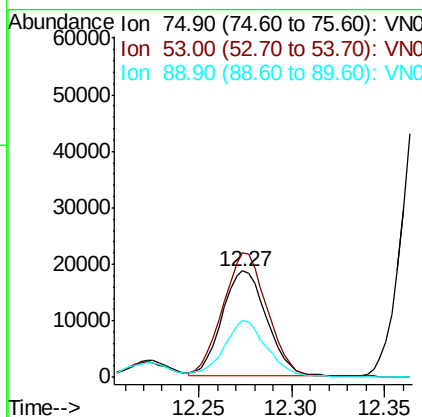
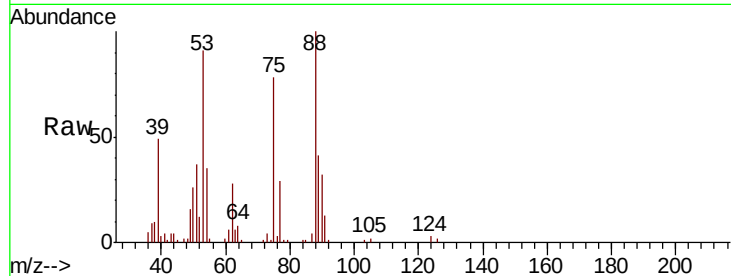
#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.903 ug/l  
RT: 12.27 min Scan# 3276  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 115.6 | 84.0  | 126.0 |
| 89      | 51.9  | 36.3  | 54.5  |

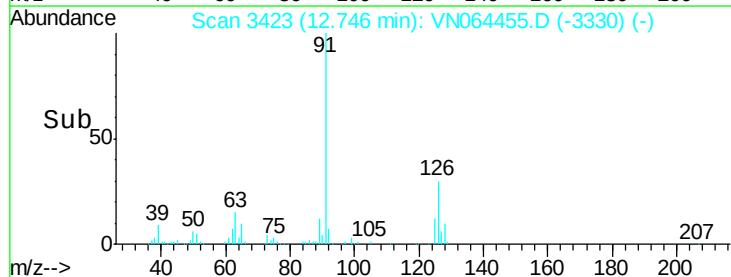
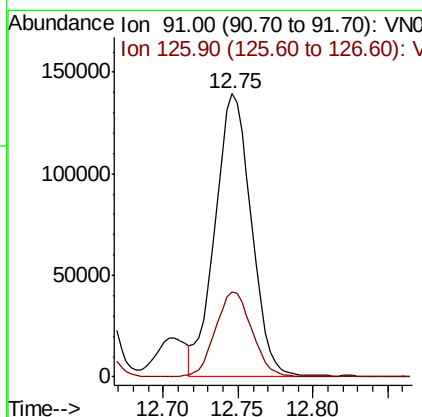
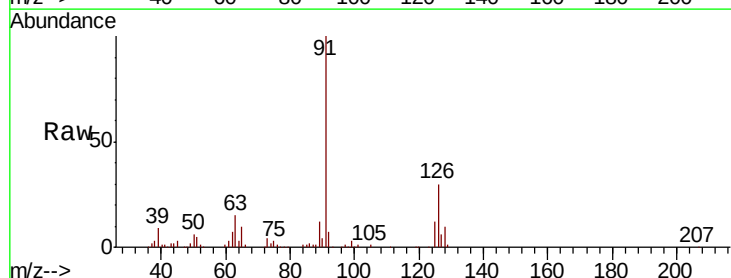
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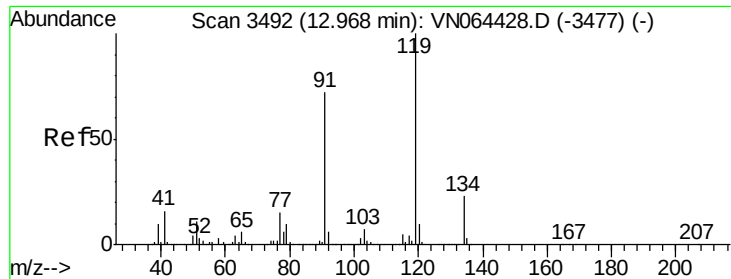
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 18.169 ug/l  
RT: 12.75 min Scan# 3423  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.7  | 15.4  | 46.2  |





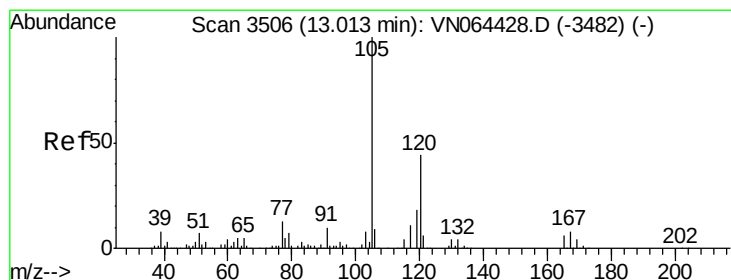
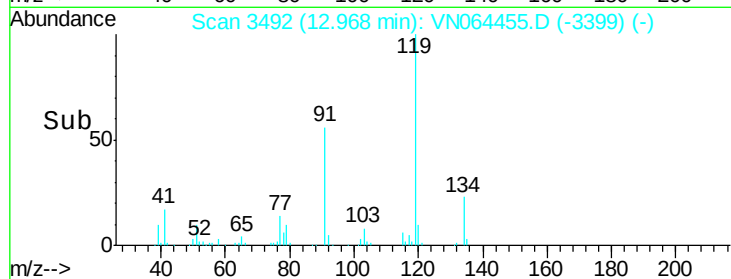
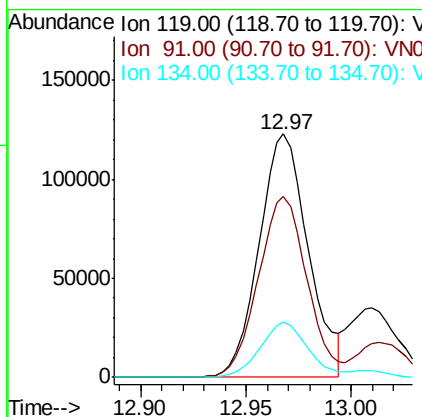
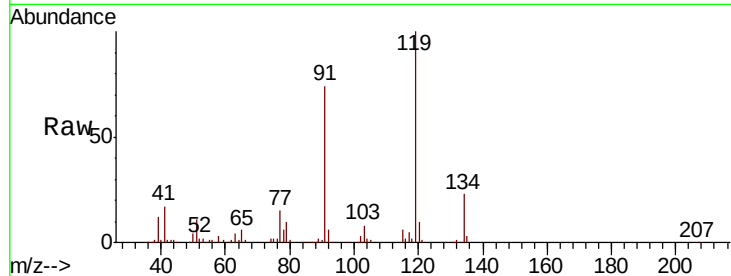
#83  
 tert-Butylbenzene  
 Concen: 18.267 ug/l  
 RT: 12.97 min Scan# 3492  
 Delta R.T. -0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1105WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 199433 |       |       |
| 91      | 73.9  | 36.1   | 108.3 |       |
| 134     | 22.1  | 11.7   | 35.1  |       |

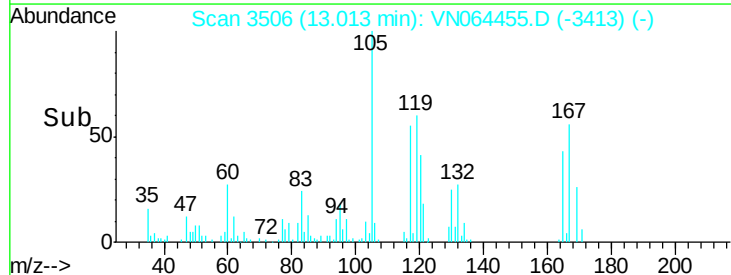
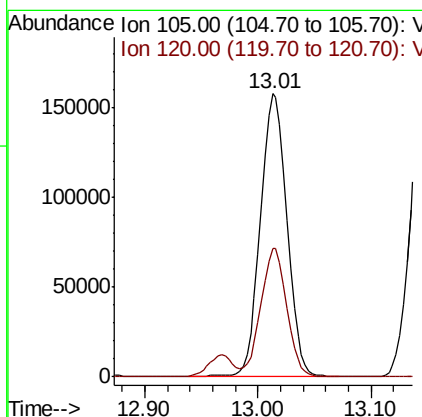
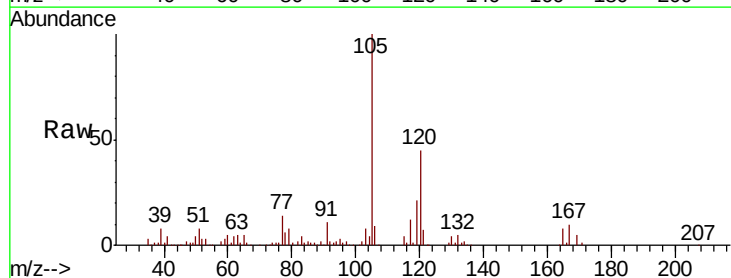
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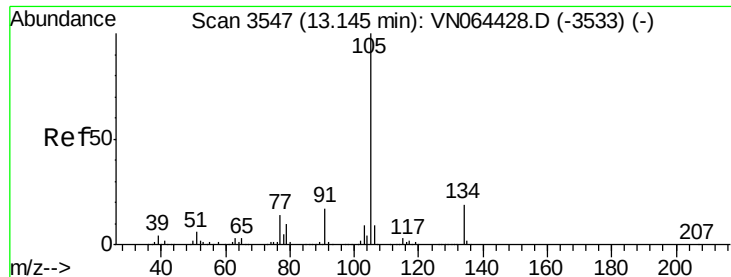
MMDadoda  
 11/6/2020 8:51:12 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 18.406 ug/l  
 RT: 13.01 min Scan# 3506  
 Delta R.T. -0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 258653 |       |       |
| 120     | 43.9  | 21.9   | 65.7  |       |





#85

sec-Butylbenzene

Concen: 18.856 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

Instrument :

MSVOA\_N

ClientSampleId :

VN1105WBSD01

Tot Ion:105 Resp: 260714

Ion Ratio Lower Upper

105 100

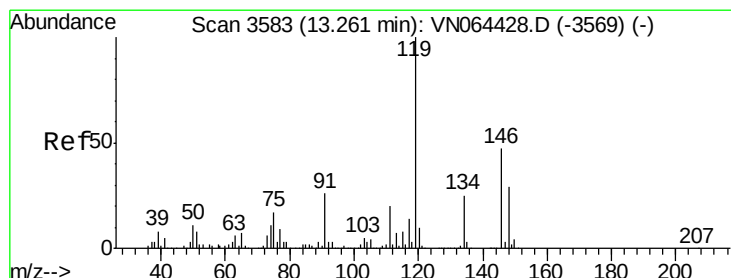
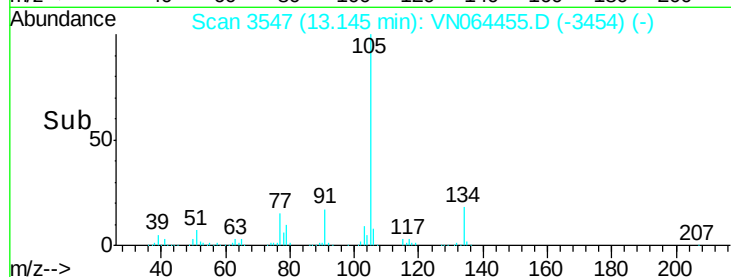
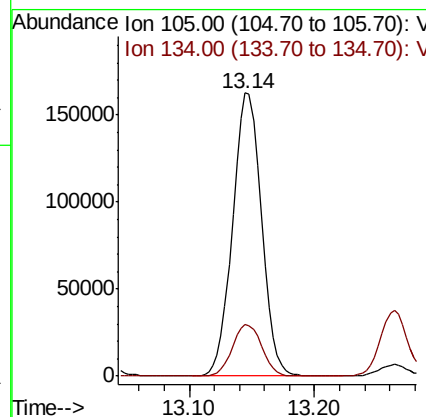
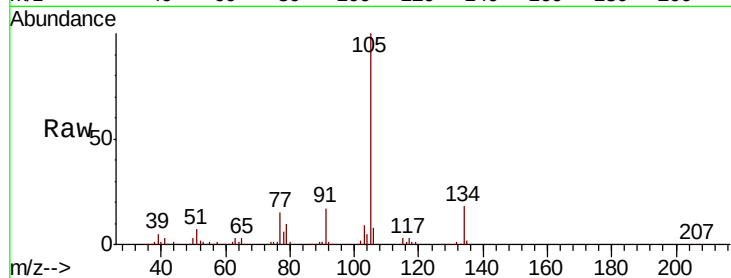
134 18.6 9.4 28.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 18.324 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064455.D

Acq: 5 Nov 2020 12:52

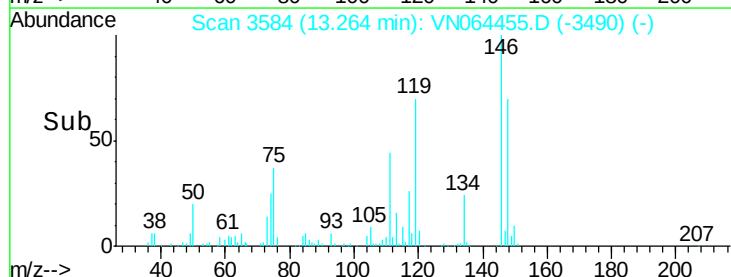
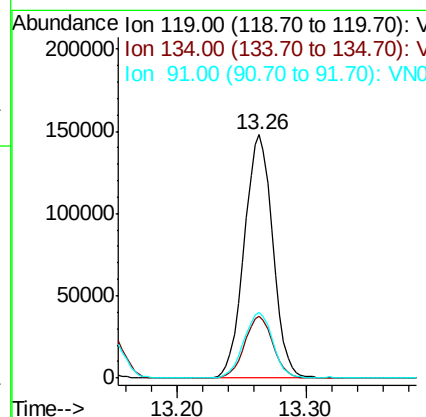
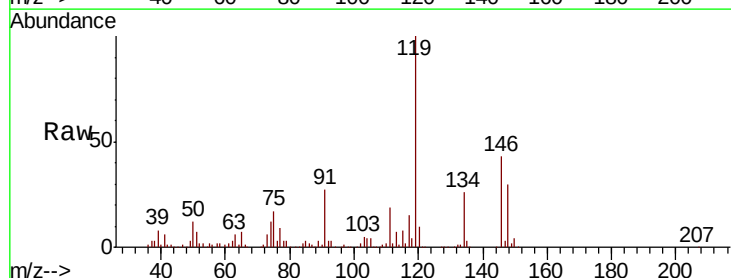
Tgt Ion:119 Resp: 227898

Ion Ratio Lower Upper

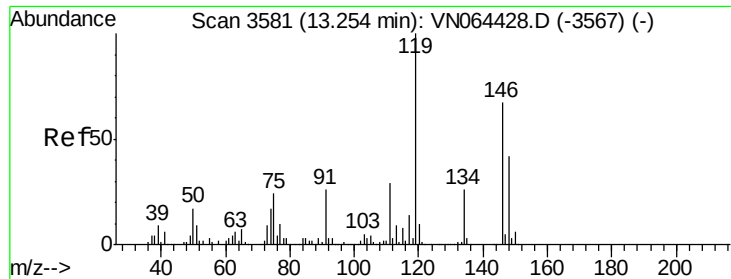
119 100

134 25.3 12.6 37.6

91 27.4 12.8 38.3







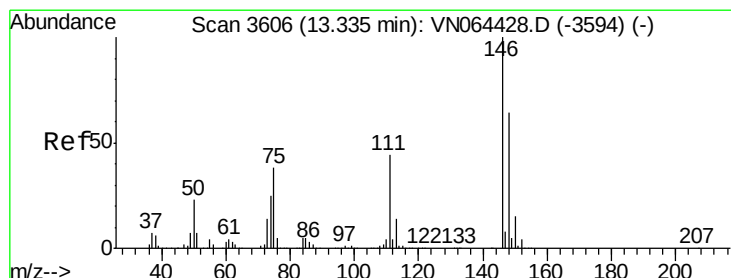
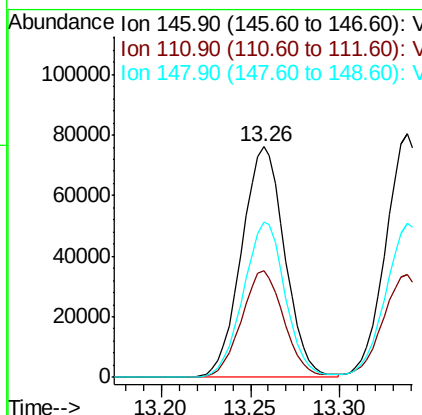
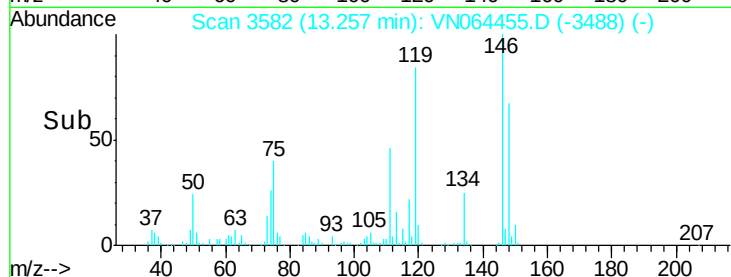
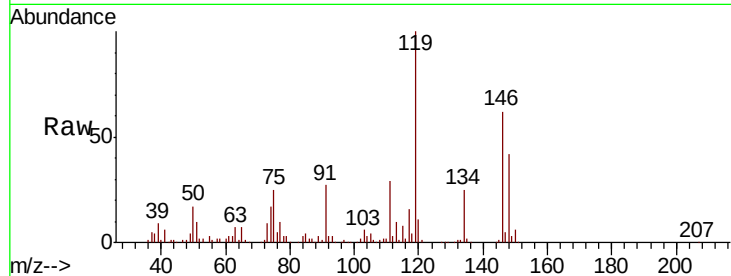
#87  
 1,3-Dichlorobenzene  
 Concen: 17.963 ug/l  
 RT: 13.26 min Scan# 3582  
 Delta R.T. 0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 45.4  | 22.1  | 66.1  |
| 148     | 65.5  | 31.7  | 95.1  |

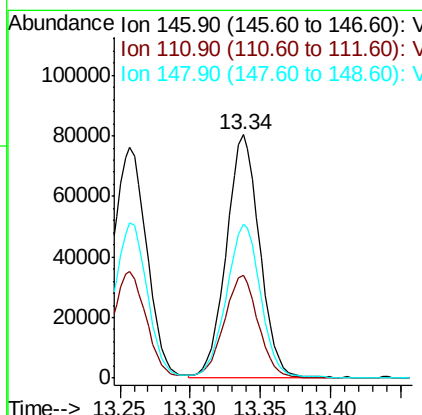
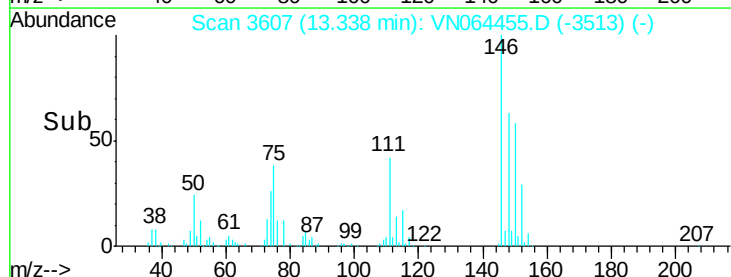
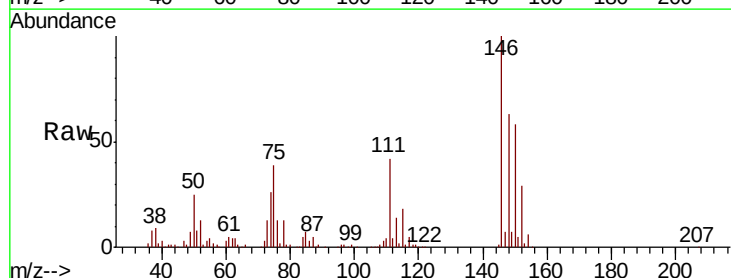
Manual Integrations  
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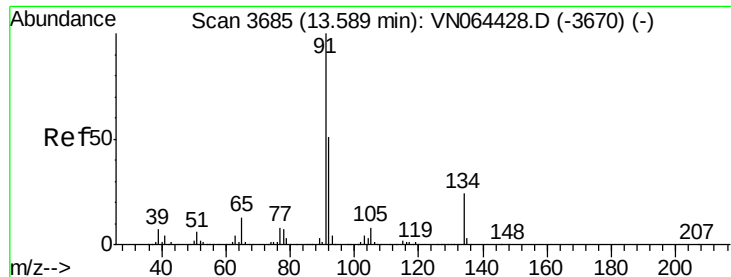
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 17.888 ug/l  
 RT: 13.34 min Scan# 3607  
 Delta R.T. 0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.3  | 21.8  | 65.3  |
| 148     | 64.6  | 32.4  | 97.2  |





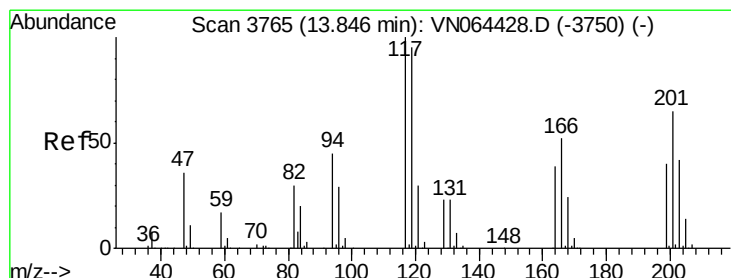
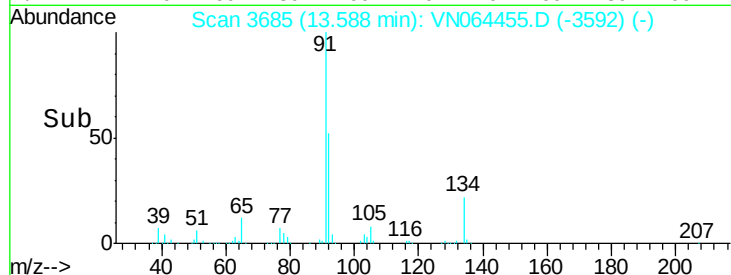
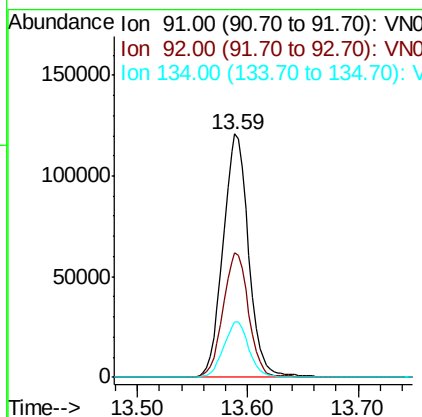
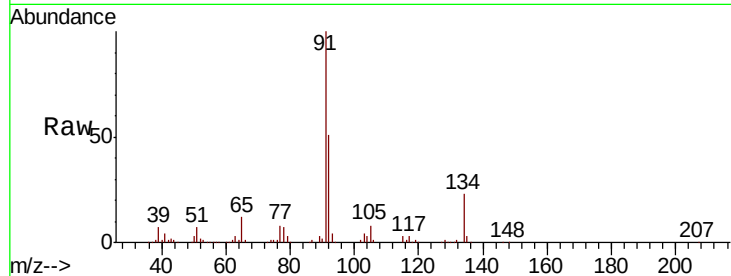
#89  
n-Butylbenzene  
Concen: 18.218 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 91      | 100  |       | 194803 |       |       |
| 92      | 50.5 | 25.3  | 75.9   |       |       |
| 134     | 22.4 | 11.8  | 35.4   |       |       |

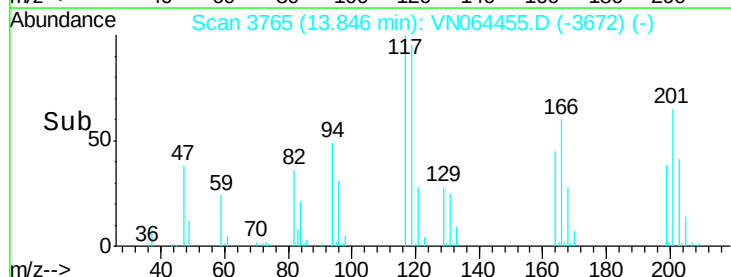
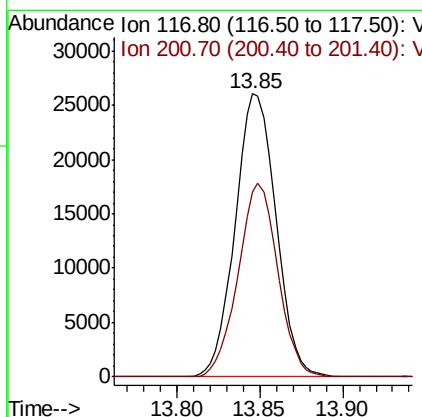
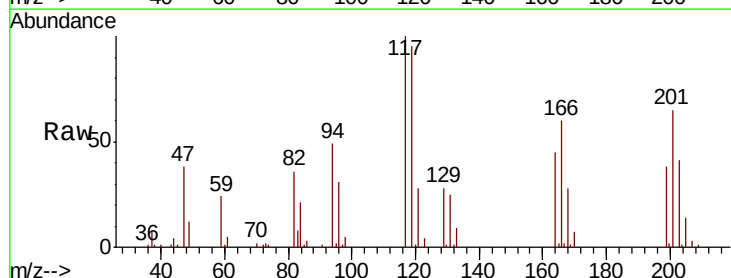
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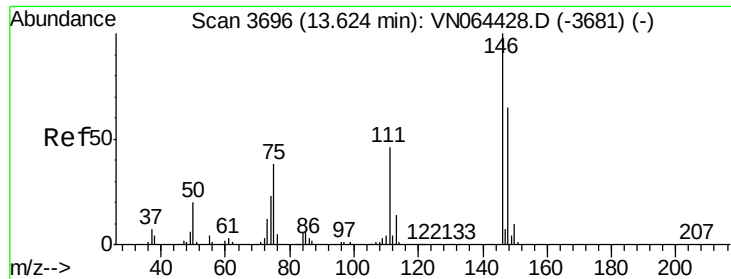
MMDadoda  
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#90  
Hexachloroethane  
Concen: 18.623 ug/l  
RT: 13.85 min Scan# 3765  
Delta R.T. -0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 117     | 100  |       | 44678 |       |       |
| 201     | 66.3 | 32.5  | 97.5  |       |       |





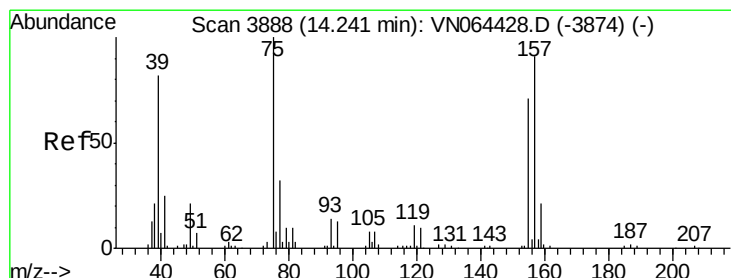
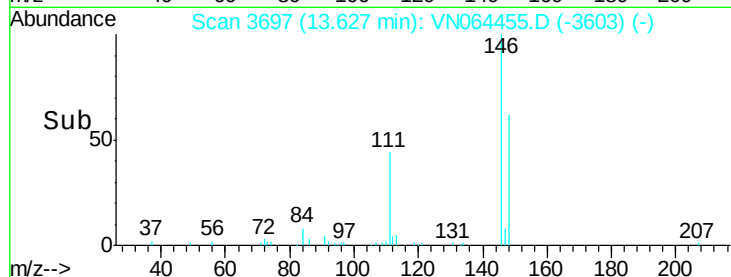
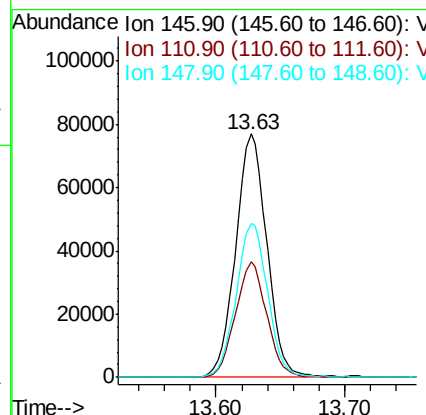
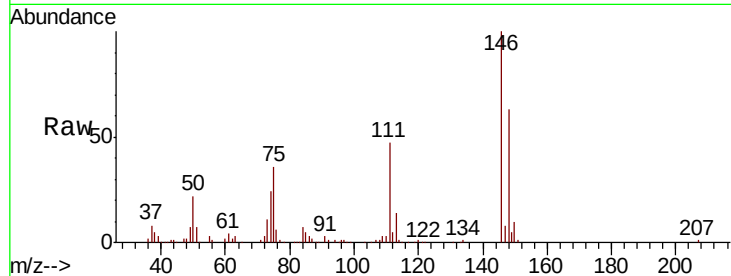
#91  
 1,2-Dichlorobenzene  
 Concen: 18.841 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. 0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 47.2  | 22.9  | 68.7  |
| 148     | 64.0  | 32.0  | 96.2  |

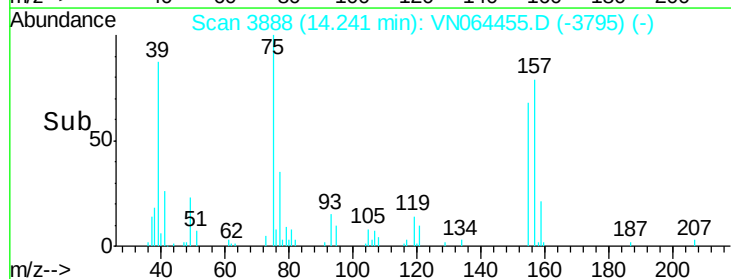
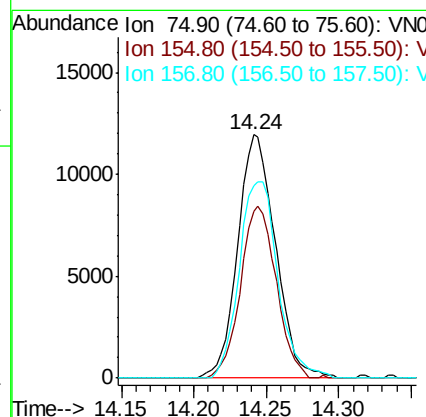
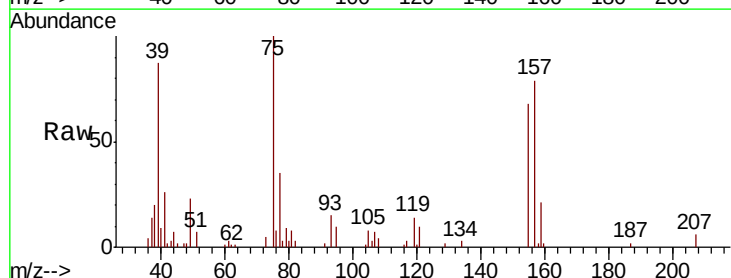
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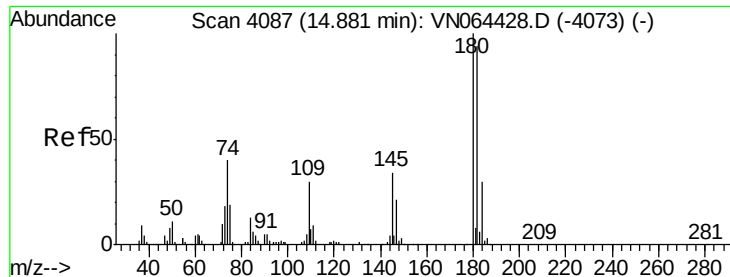
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.896 ug/l  
 RT: 14.24 min Scan# 3888  
 Delta R.T. -0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 66.7  | 34.6  | 103.9 |
| 157     | 82.8  | 43.0  | 128.8 |





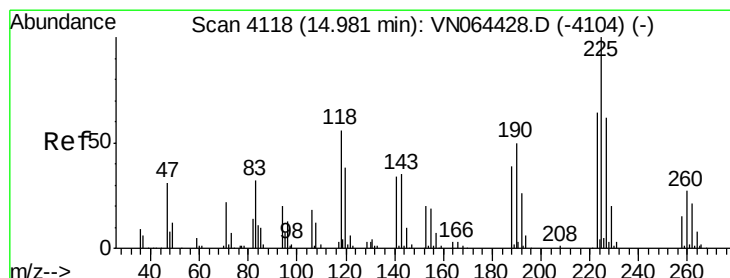
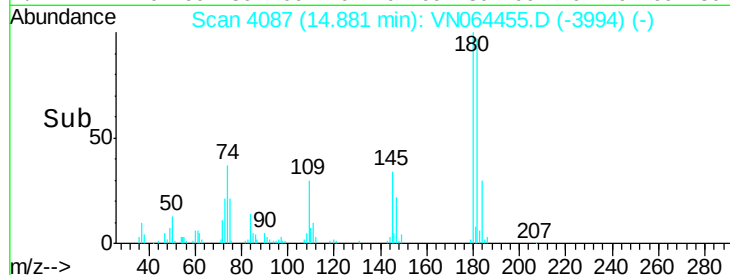
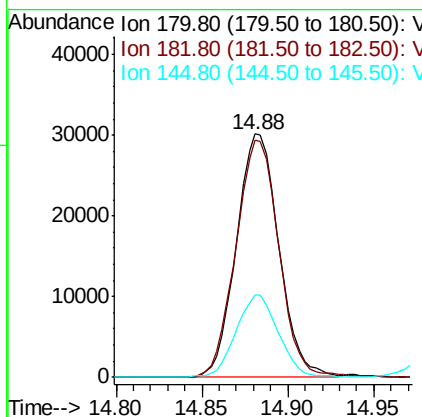
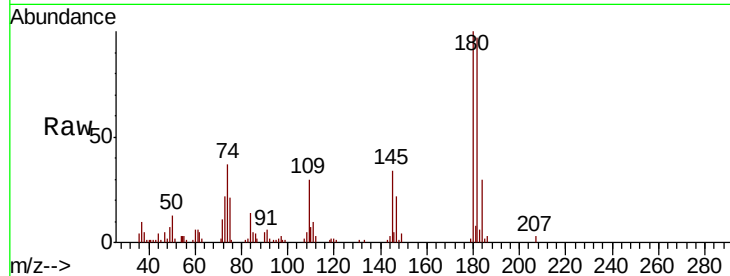
#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.957 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. -0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.5  | 47.3  | 142.0 |
| 145     | 33.8  | 16.7  | 50.1  |

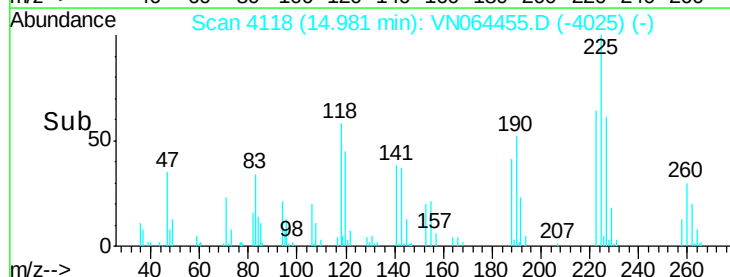
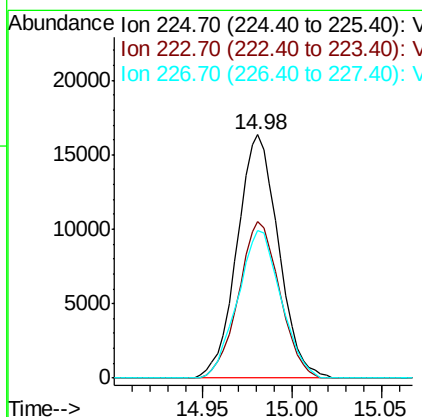
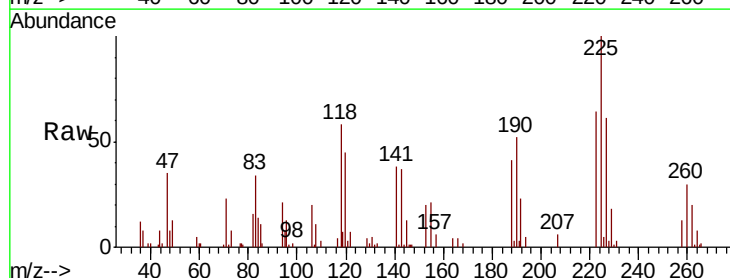
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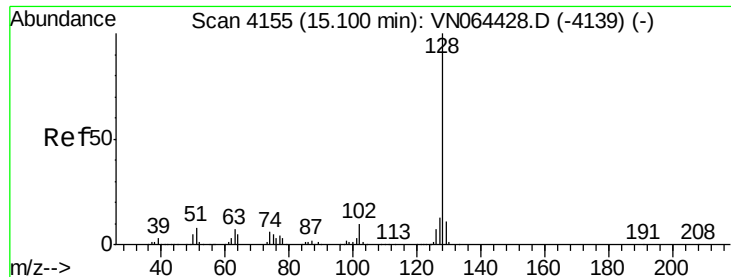
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#94  
 Hexachlorobutadiene  
 Concen: 18.818 ug/l  
 RT: 14.98 min Scan# 4118  
 Delta R.T. -0.00 min  
 Lab File: VN064455.D  
 Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.0  | 31.8  | 95.4  |
| 227     | 63.2  | 31.8  | 95.4  |





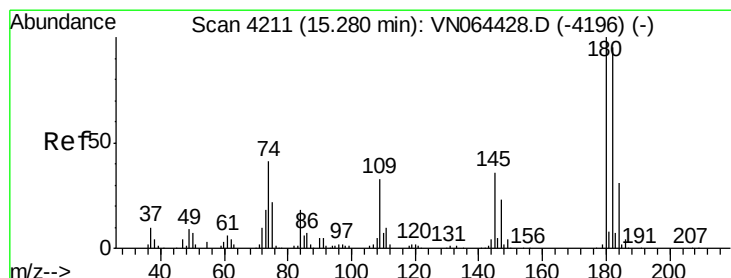
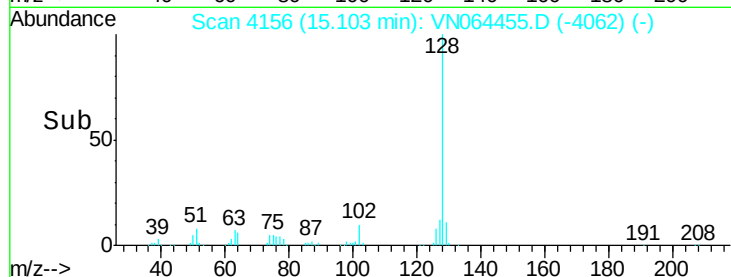
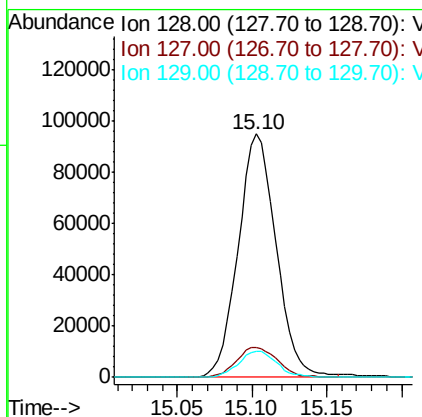
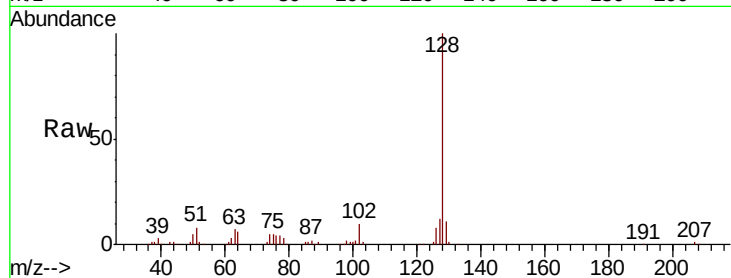
#95  
Naphthalene  
Concen: 16.915 ug/l  
RT: 15.10 min Scan# 4156  
Delta R.T. 0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1105WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.4  | 10.5  | 15.7  |
| 129     | 11.0  | 8.8   | 13.2  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 18.698 ug/l  
RT: 15.28 min Scan# 4212  
Delta R.T. 0.00 min  
Lab File: VN064455.D  
Acq: 5 Nov 2020 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 89.8  | 47.7  | 143.1 |
| 145     | 34.5  | 18.3  | 54.8  |

