

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\  
 Data File : VN064701.D  
 Acq On : 18 Nov 2020 12:13  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 11/19/2020 2:09:59 PM

Quant Time: Nov 18 13:57:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 18 13:40:14 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 283454   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 503689   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 458317   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 198237   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |      |        |      |
|---------------------------|--------|-----|----------|------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 7.98   | 65  | 28063    | 5.68 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 11.36% |      |
| 35) Dibromofluoromethane  | 7.54   | 113 | 16294    | 4.90 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 9.80%  |      |
| 50) Toluene-d8            | 10.06  | 98  | 66503    | 5.03 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 10.06% |      |
| 62) 4-Bromofluorobenzene  | 12.37  | 95  | 23026    | 4.63 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 9.26%  |      |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 17574  | 4.870  | ug/l   | 96     |
| 3) Chloromethane              | 2.04 | 50  | 18218  | 4.198  | ug/l   | 94     |
| 4) Vinyl Chloride             | 2.17 | 62  | 20025  | 4.481  | ug/l   | 99     |
| 5) Bromomethane               | 2.54 | 94  | 15192  | 5.229  | ug/l   | 92     |
| 6) Chloroethane               | 2.68 | 64  | 14123  | 4.871  | ug/l   | 90     |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 37210  | 5.479  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.37 | 74  | 11212  | 4.735  | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101 | 16299  | 5.114  | ug/l # | 75     |
| 10) Methyl Iodide             | 3.91 | 142 | 15760  | 4.250  | ug/l # | 97     |
| 11) Tert butyl alcohol        | 4.75 | 59  | 11059m | 21.124 | ug/l   |        |
| 12) 1,1-Dichloroethene        | 3.70 | 96  | 14471  | 4.826  | ug/l   | 87     |
| 13) Acrolein                  | 3.57 | 56  | 2592   | 8.774  | ug/l   | 87     |
| 14) Allyl chloride            | 4.27 | 41  | 26505  | 4.601  | ug/l   | 95     |
| 15) Acrylonitrile             | 4.92 | 53  | 31676  | 21.511 | ug/l # | 78     |
| 16) Acetone                   | 3.77 | 43  | 26582  | 15.278 | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.01 | 76  | 45408  | 5.093  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.28 | 43  | 16654  | 4.559  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 43575  | 4.059  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.51 | 84  | 18174  | 4.918  | ug/l   | 90     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 15189  | 4.475  | ug/l   | 95     |
| 22) Diisopropyl ether         | 5.90 | 45  | 48253  | 3.951  | ug/l # | 92     |
| 23) Vinyl Acetate             | 5.84 | 43  | 190640 | 19.273 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.79 | 63  | 32143  | 4.744  | ug/l   | 97     |
| 25) 2-Butanone                | 6.78 | 43  | 41528  | 18.226 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 6.77 | 77  | 28692  | 4.629  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.77 | 96  | 17550  | 4.481  | ug/l   | 90     |
| 28) Bromochloromethane        | 7.15 | 49  | 16409  | 4.792  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 25253  | 17.674 | ug/l # | 82     |
| 30) Chloroform                | 7.32 | 83  | 32360  | 4.520  | ug/l   | 97     |
| 31) Cyclohexane               | 7.61 | 56  | 29537  | 5.097  | ug/l # | 80     |
| 32) 1,1,1-Trichloroethane     | 7.52 | 97  | 30061  | 4.713  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 23938  | 4.579  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 19488  | 4.238  | ug/l # | 88     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 25682  | 4.563  | ug/l   | 95     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\  
 Data File : VN064701.D  
 Acq On : 18 Nov 2020 12:13  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 11/19/2020 2:09:59 PM

Quant Time: Nov 18 13:57:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 18 13:40:14 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 20091    | 4.307  | ug/l   | 96       |
| 40) Benzene                    | 8.00  | 78   | 68798    | 4.486  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.12  | 41   | 8707     | 3.744  | ug/l   | 92       |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 29093    | 4.669  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.12  | 43   | 38844    | 4.600  | ug/l   | 95       |
| 44) Trichloroethene            | 8.80  | 130  | 20030    | 5.118  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 17263    | 4.230  | ug/l   | 95       |
| 46) Dibromomethane             | 9.17  | 93   | 13254    | 4.856  | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.37  | 83   | 26429    | 4.528  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.16  | 41   | 16650    | 3.917  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.16  | 88   | 3917     | 70.965 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 94241    | 19.245 | ug/l   | 98       |
| 52) Toluene                    | 10.12 | 92   | 37785    | 4.034  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 27297    | 4.433  | ug/l   | 92       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 28213    | 4.307  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 16356    | 4.455  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 19151    | 3.618  | ug/l   | 93       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 28049    | 4.392  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 49421    | 18.525 | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.72 | 43   | 65297    | 18.452 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.87 | 129  | 18624    | 4.533  | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 10.97 | 107  | 17211    | 4.615  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.60 | 164  | 20780    | 5.794  | ug/l   | 92       |
| 65) Chlorobenzene              | 11.40 | 112  | 44720    | 4.507  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 17716    | 4.803  | ug/l   | 91       |
| 67) Ethyl Benzene              | 11.48 | 91   | 74683    | 4.261  | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.59 | 106  | 51386    | 8.059  | ug/l   | 98       |
| 69) o-Xylene                   | 11.92 | 106  | 25095    | 4.078  | ug/l   | 98       |
| 70) Styrene                    | 11.93 | 104  | 40069    | 3.863  | ug/l   | 98       |
| 71) Bromoform                  | 12.10 | 173  | 10410    | 4.190  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.22 | 105  | 63008    | 4.106  | ug/l   | 97       |
| 74) N-amyl acetate             | 12.04 | 43   | 28757    | 4.292  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.47 | 83   | 18059    | 3.865  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.52 | 75   | 20781m   | 4.437  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 16409    | 4.349  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.56 | 91   | 75112    | 4.285  | ug/l   | 94       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 47401    | 4.245  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.70 | 105  | 51041    | 4.015  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 5728     | 3.435  | ug/l # | 80       |
| 82) 4-Chlorotoluene            | 12.74 | 91   | 50125    | 4.290  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 12.96 | 119  | 39359    | 3.957  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 49781    | 3.903  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.14 | 105  | 53698    | 4.260  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 47525    | 4.179  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 28721    | 4.390  | ug/l   | 92       |
| 88) 1,4-Dichlorobenzene        | 13.33 | 146  | 30643    | 4.530  | ug/l   | 93       |
| 89) n-Butylbenzene             | 13.59 | 91   | 44434    | 4.515  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 8508     | 3.964  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene        | 13.62 | 146  | 29275    | 4.666  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 4491     | 4.709  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\  
Data File : VN064701.D  
Acq On : 18 Nov 2020 12:13  
Operator : JC/MD  
Sample : VSTDICC005  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

Manual Integrations  
APPROVED

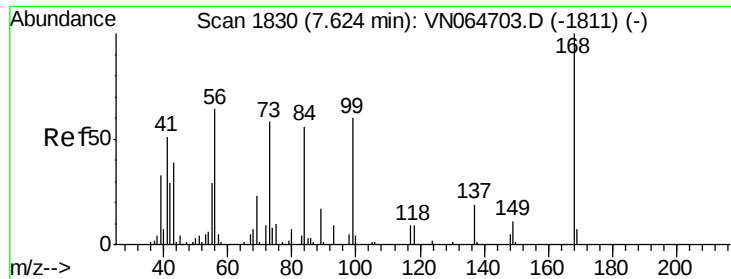
MMDadoda  
11/19/2020 2:09:59 PM

Quant Time: Nov 18 13:57:58 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111820W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 18 13:40:14 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 14497    | 5.513 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 7869     | 6.063 | ug/l  | 98       |
| 95) Naphthalene            | 15.10 | 128  | 42411    | 4.893 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 13826    | 5.268 | ug/l  | 95       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 283454

Ion Ratio Lower Upper

168 100

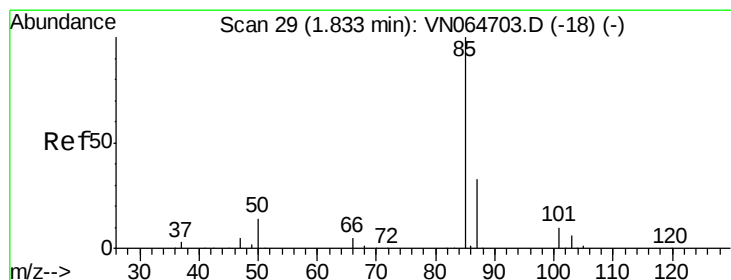
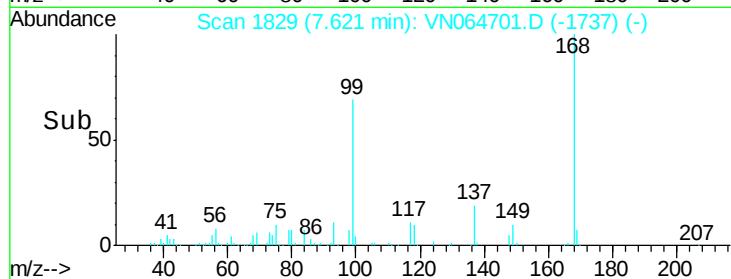
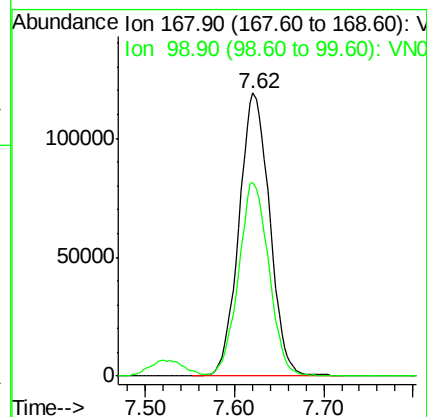
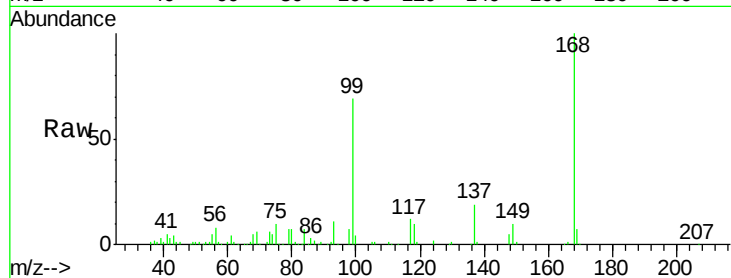
99 68.5 55.7 83.5

Manual Integrations

APPROVED

MMDadoda

11/19/2020 2:09:59 PM



#2

Dichlorodifluoromethane

Concen: 4.870 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064701.D

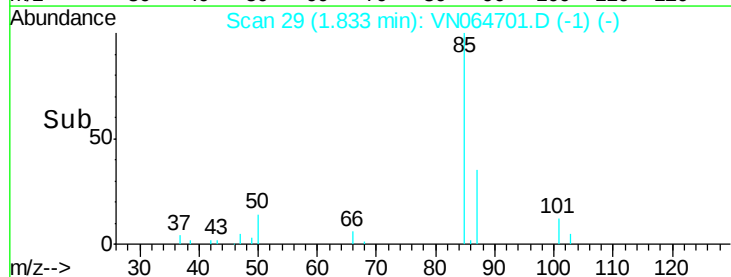
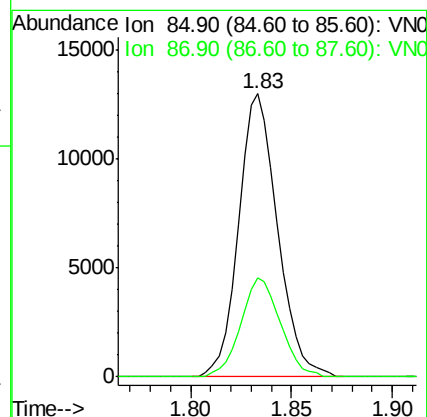
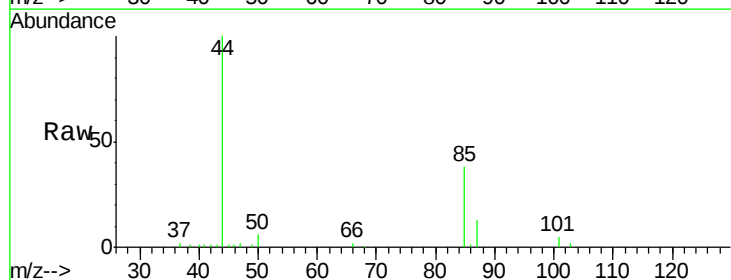
Acq: 18 Nov 2020 12:13

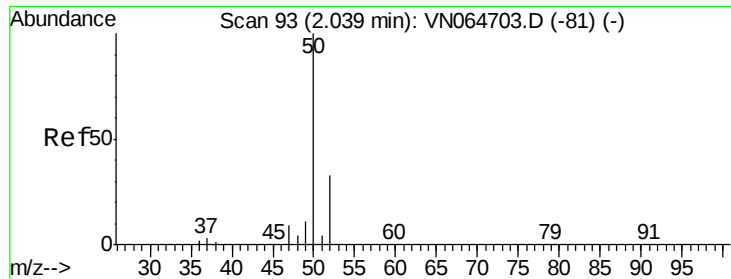
Tgt Ion: 85 Resp: 17574

Ion Ratio Lower Upper

85 100

87 35.1 16.4 49.2





#3

Chloromethane

Concen: 4.198 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 18218

Ion Ratio Lower Upper

50 100

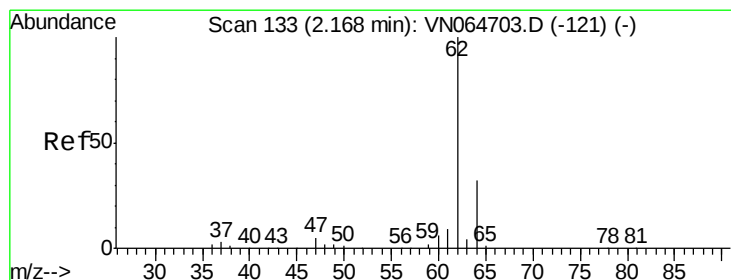
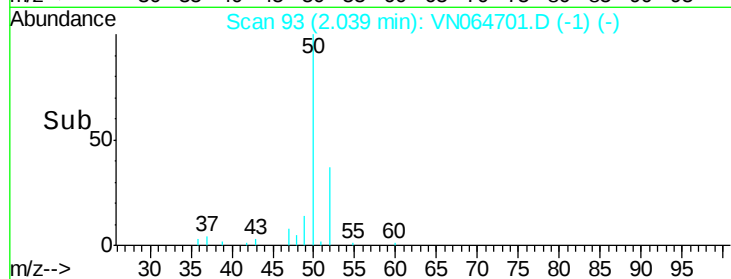
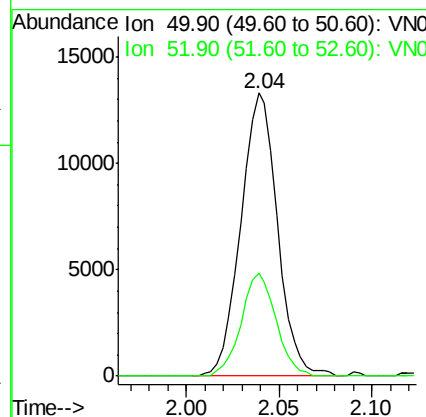
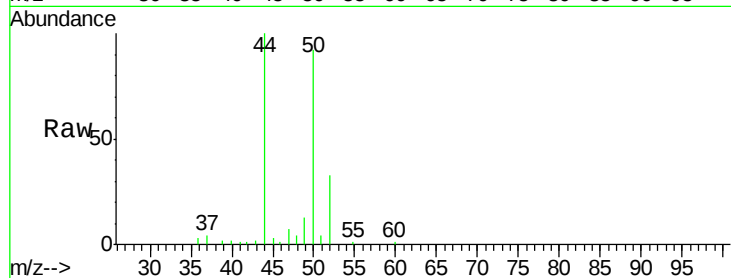
52 36.2 26.4 39.6

Manual Integrations

APPROVED

MMDadoda

11/19/2020 2:09:59 PM



#4

Vinyl Chloride

Concen: 4.481 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064701.D

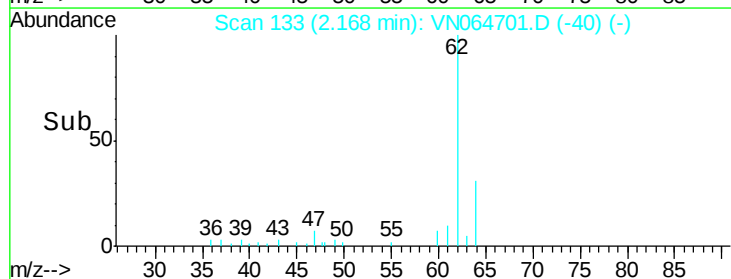
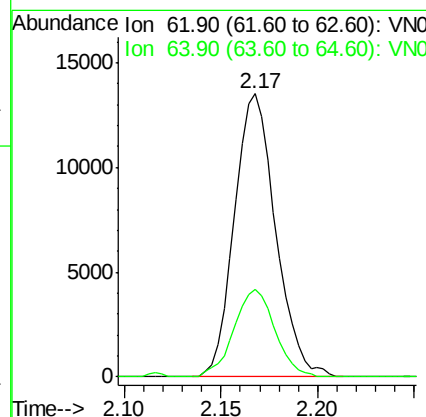
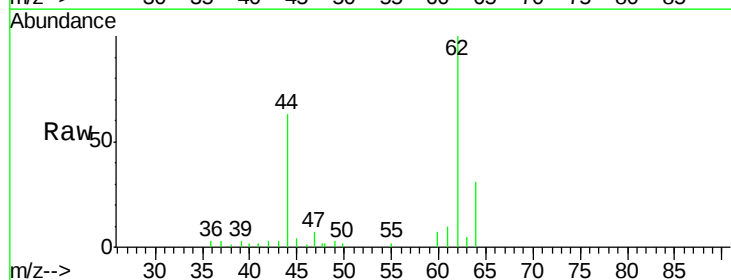
Acq: 18 Nov 2020 12:13

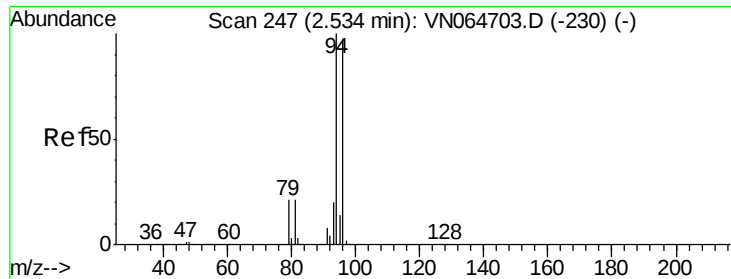
Tgt Ion: 62 Resp: 20025

Ion Ratio Lower Upper

62 100

64 30.8 25.2 37.8





#5

Bromomethane

Concen: 5.229 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 15192

Ion Ratio Lower Upper

94 100

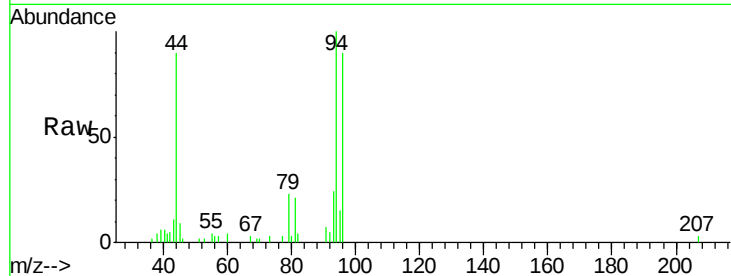
96 89.8 77.8 116.8

Manual Integrations

APPROVED

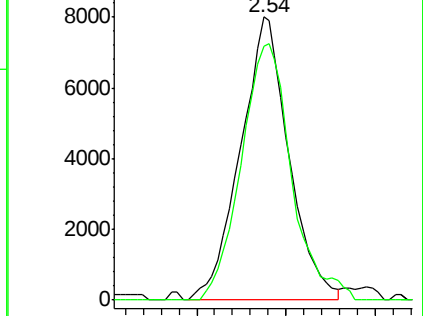
MMDadoda

11/19/2020 2:09:59 PM

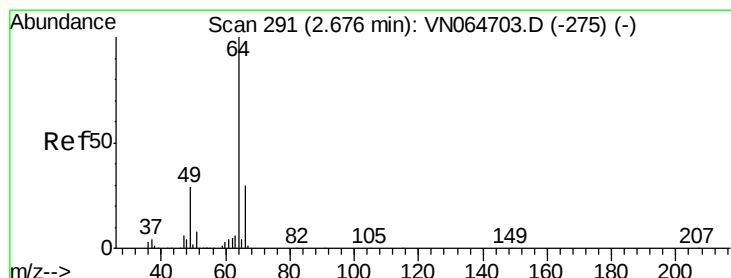
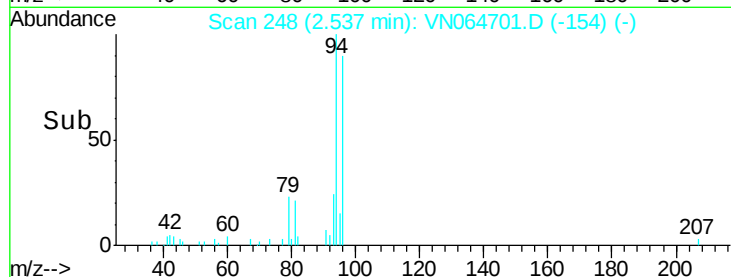


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



Time-->



#6

Chloroethane

Concen: 4.871 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064701.D

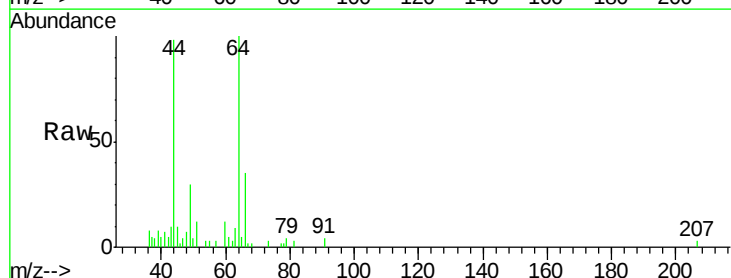
Acq: 18 Nov 2020 12:13

Tgt Ion: 64 Resp: 14123

Ion Ratio Lower Upper

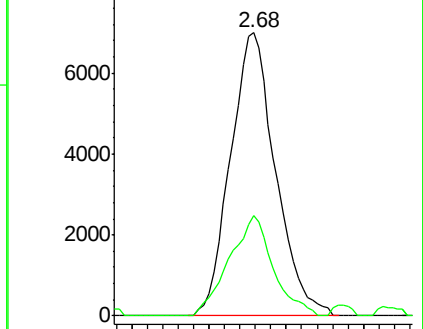
64 100

66 35.4 24.2 36.2

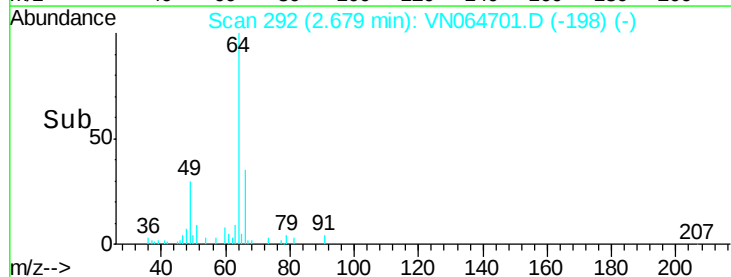


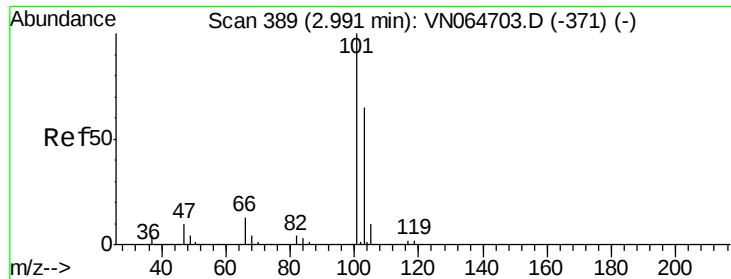
Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



Time-->





#7

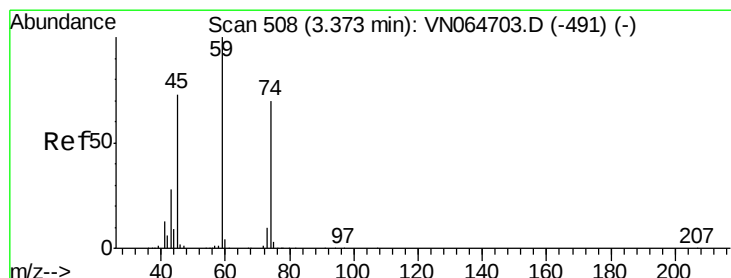
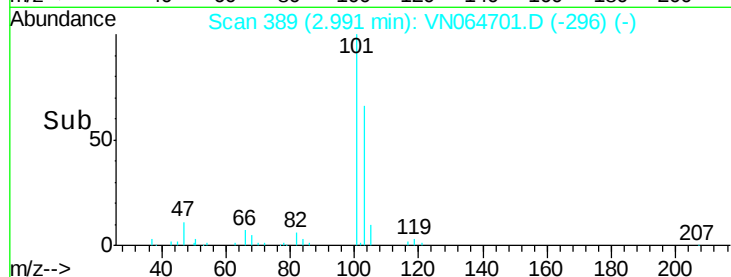
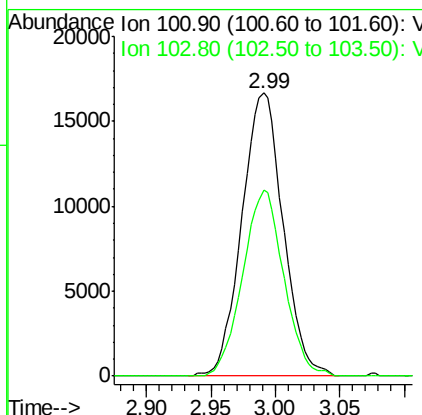
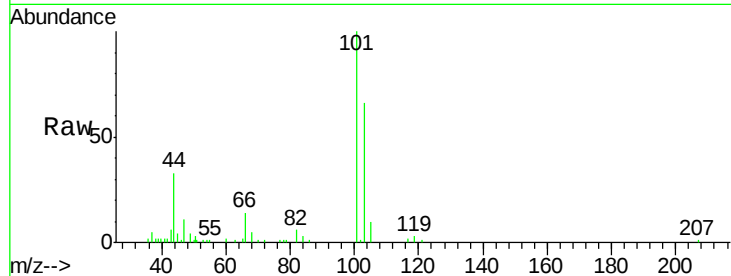
Trichlorofluoromethane  
Concen: 5.479 ug/l  
RT: 2.99 min Scan# 389  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 101     | 100  |       | 37210 |       |       |
| 103     | 65.6 | 51.8  |       | 77.6  |       |

Manual Integrations  
APPROVED

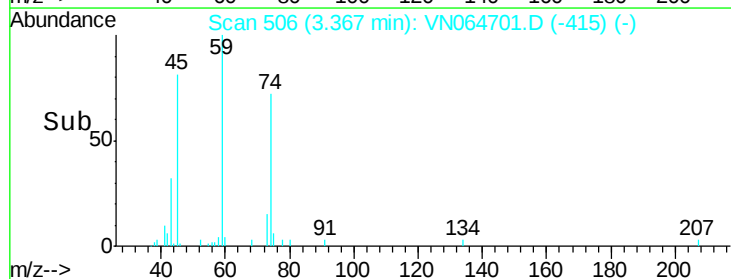
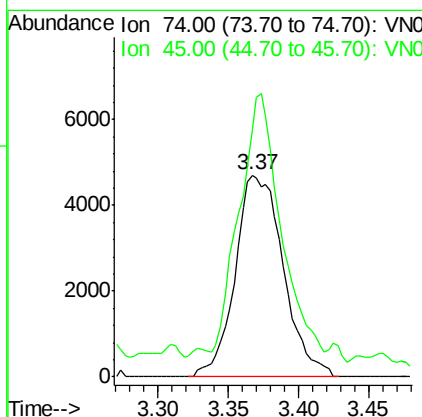
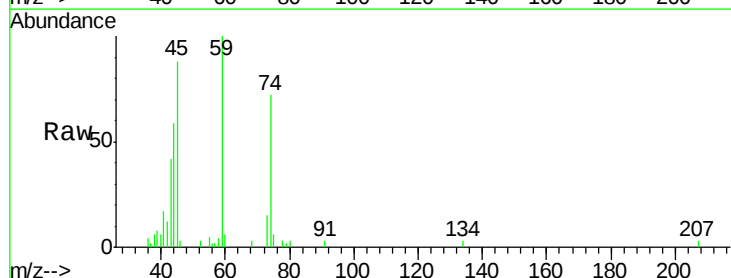
MMDadoda  
11/19/2020 2:09:59 PM

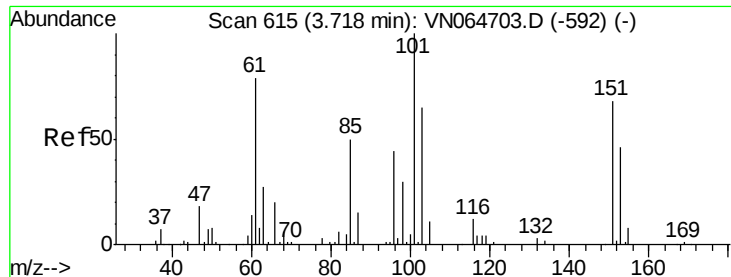


#8

Diethyl Ether  
Concen: 4.735 ug/l  
RT: 3.37 min Scan# 506  
Delta R.T. -0.01 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 74      | 100   |       | 11212 |       |       |
| 45      | 108.1 | 52.8  |       | 158.5 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.114 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.01 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

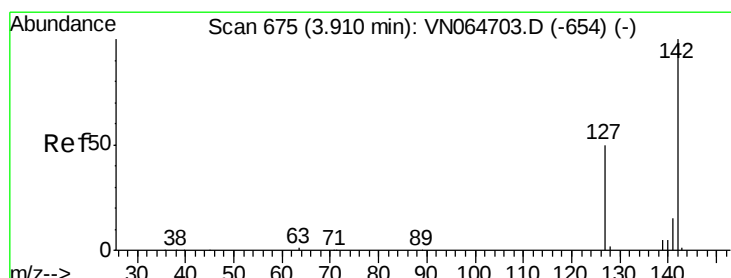
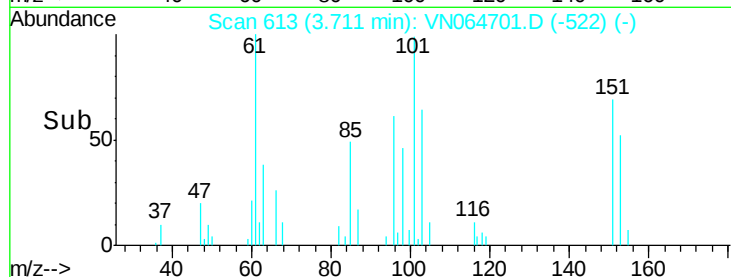
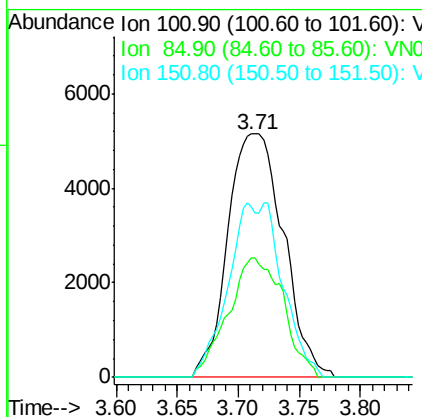
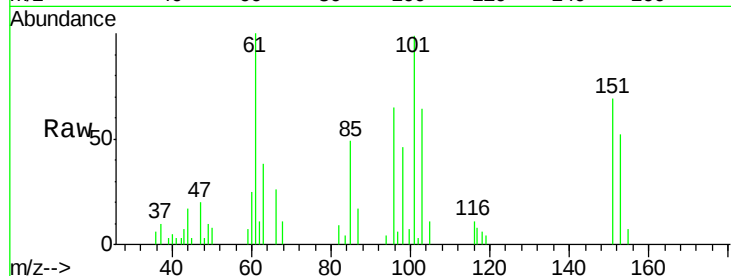
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 16299 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 48.5  | 39.0  | 58.4  |
| 151       | 36.6  | 57.2  | 85.8# |

Manual Integrations  
APPROVED

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11/19/2020 2:09:59 PM



#10

Methyl Iodide

Concen: 4.250 ug/l

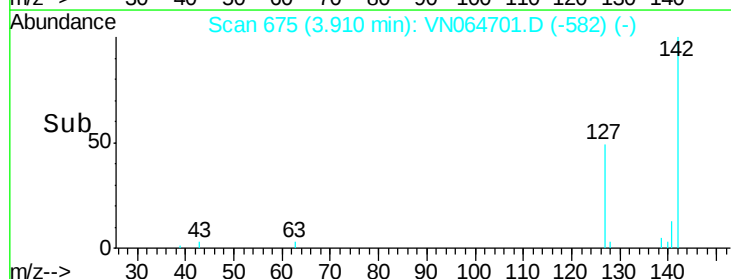
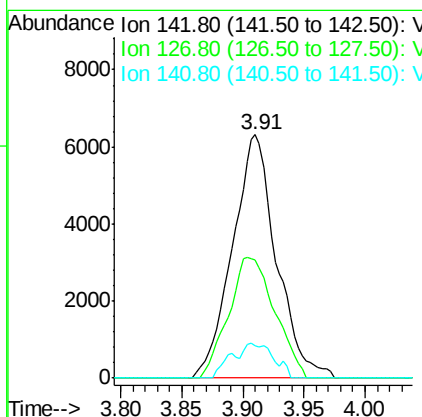
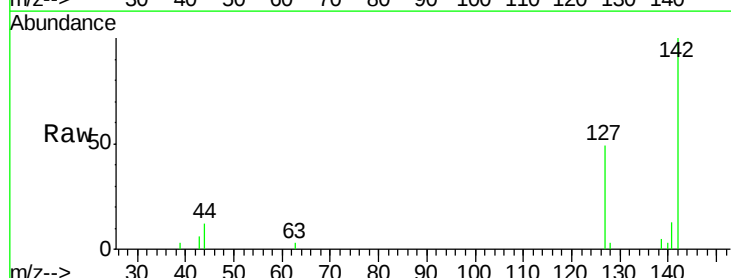
RT: 3.91 min Scan# 675

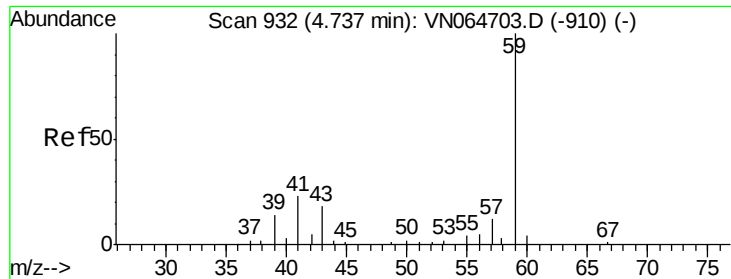
Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 15760 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 52.2  | 42.0  | 63.0  |
| 141       | 9.6   | 12.1  | 18.1# |





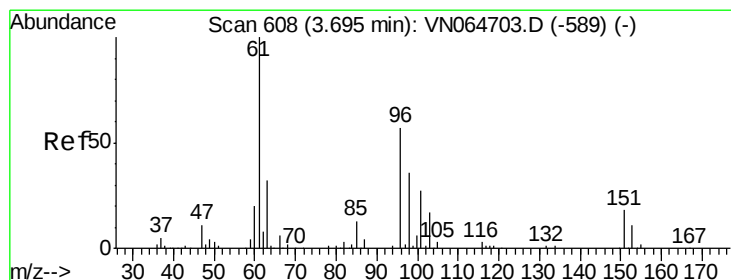
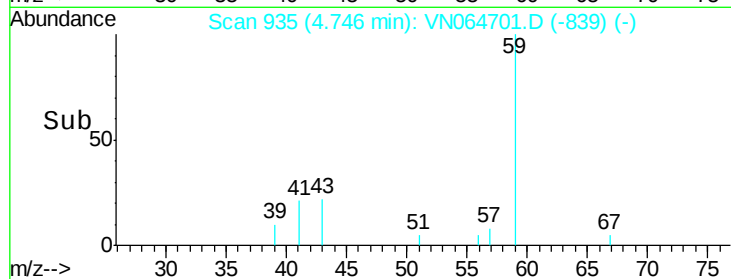
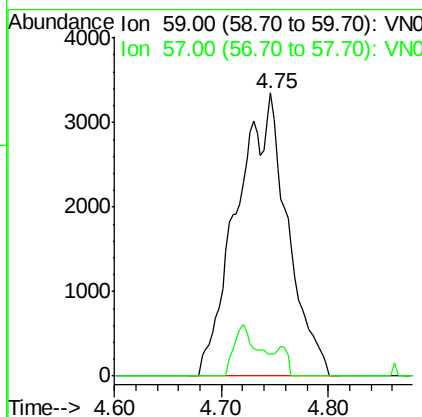
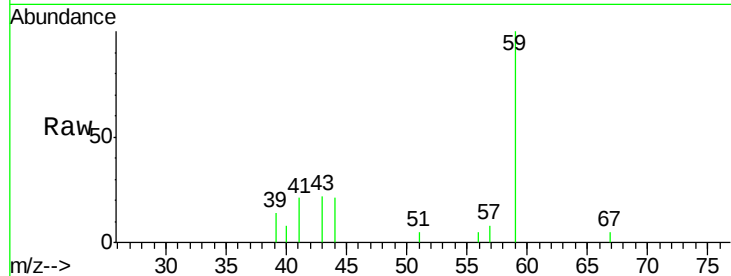
#11  
Tert butyl alcohol  
Concen: 21.124 ug/l m  
RT: 4.75 min Scan# 935  
Delta R.T. 0.01 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion: 59 Resp: 11059  
Ion Ratio Lower Upper  
59 100  
57 8.4 9.1 13.7#

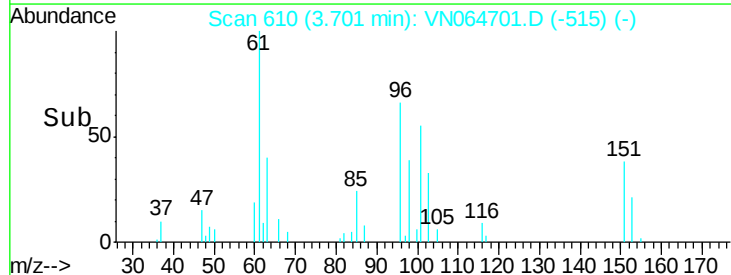
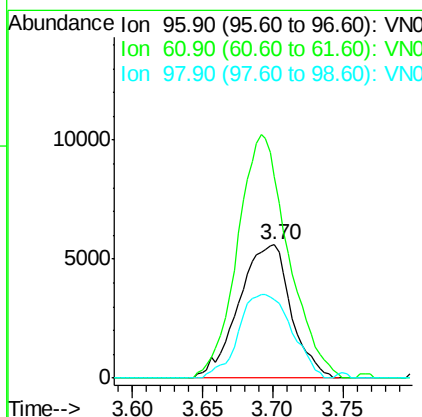
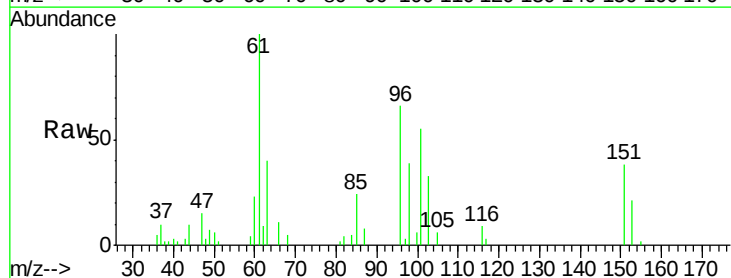
Manual Integrations  
APPROVED

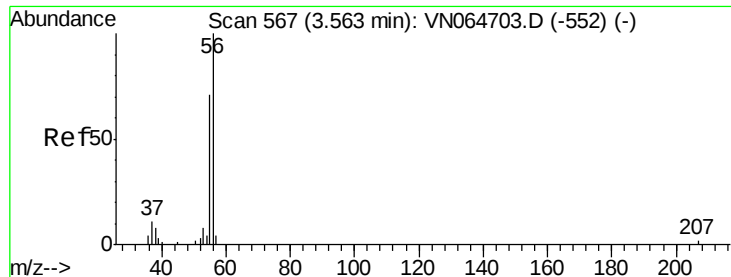
MMDadoda  
11/19/2020 2:09:59 PM



#12  
1,1-Dichloroethene  
Concen: 4.826 ug/l  
RT: 3.70 min Scan# 610  
Delta R.T. 0.01 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Tgt Ion: 96 Resp: 14471  
Ion Ratio Lower Upper  
96 100  
61 151.4 139.1 208.7  
98 58.9 50.2 75.2





#13

Acrolein

Concen: 8.774 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 2592

Ion Ratio Lower Upper

56 100

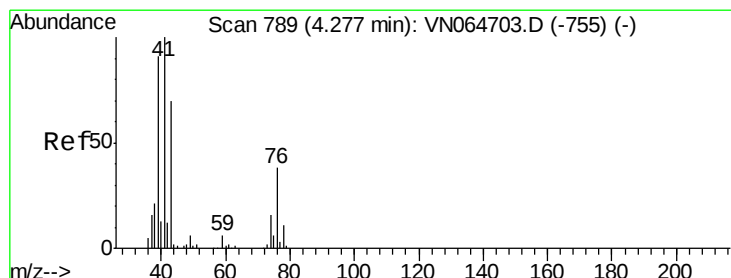
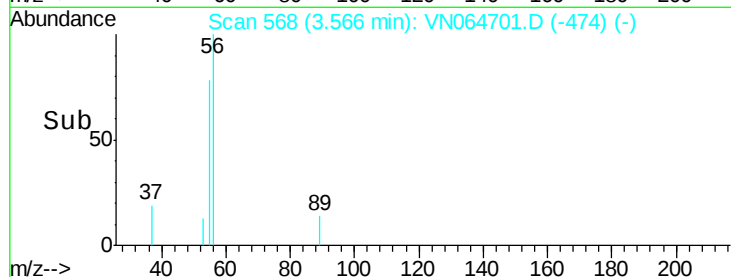
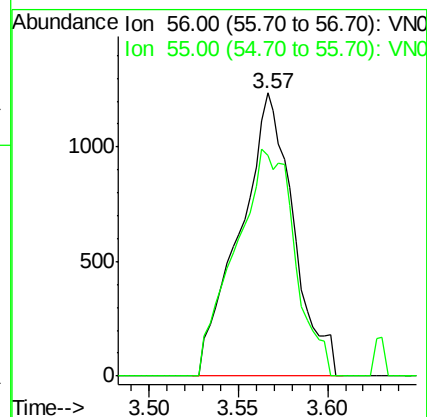
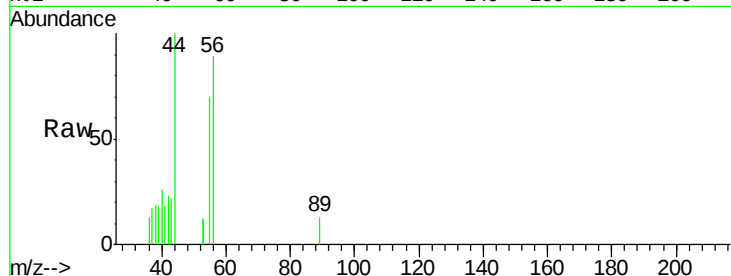
55 88.7 61.8 92.6

Manual Integrations

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MMDadoda

11/19/2020 2:09:59 PM



#14

Allyl chloride

Concen: 4.601 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.01 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

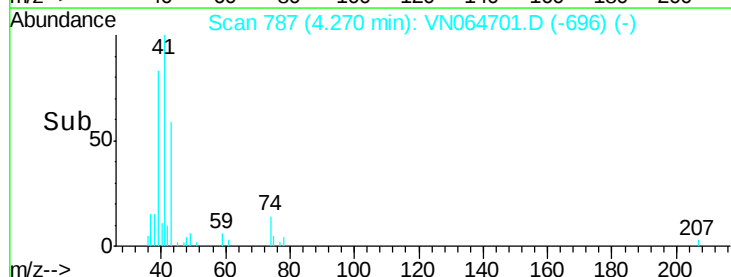
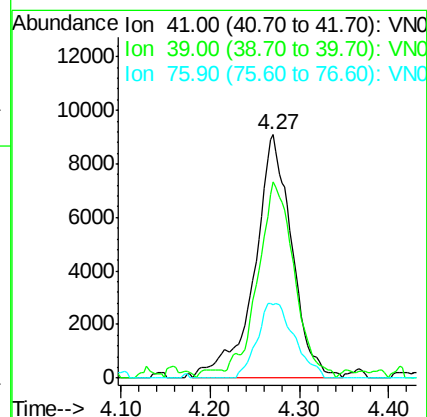
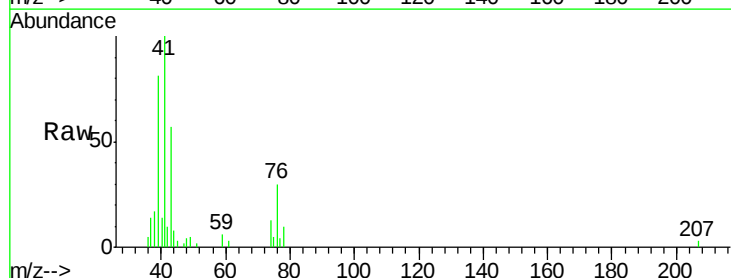
Tgt Ion: 41 Resp: 26505

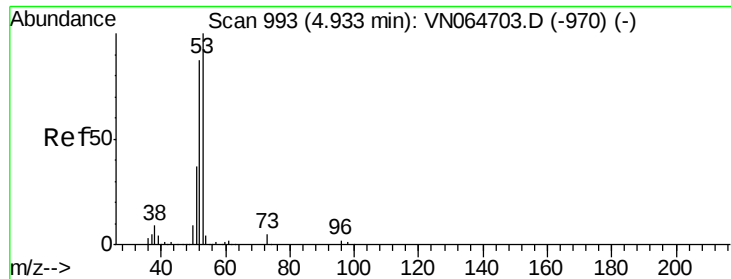
Ion Ratio Lower Upper

41 100

39 78.5 66.1 99.1

76 30.5 26.6 40.0





#15

Acrylonitrile

Concen: 21.511 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

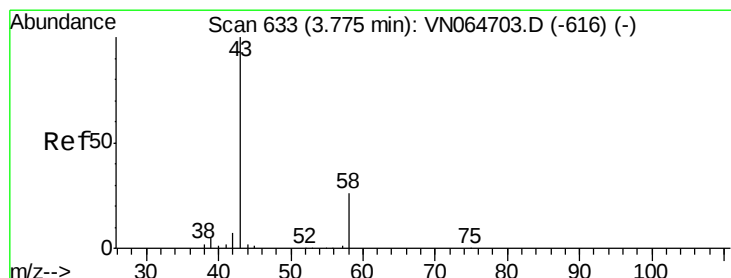
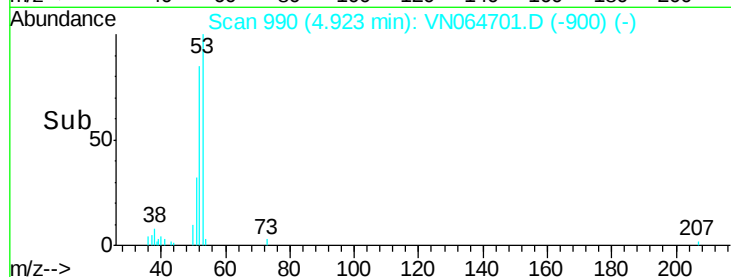
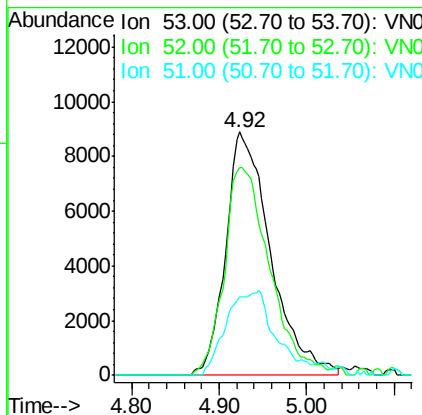
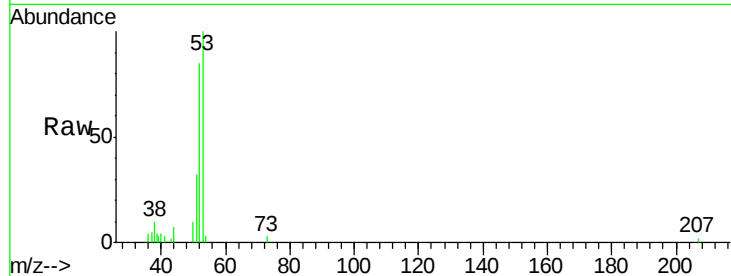
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 31676 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 86.1  | 67.2  | 100.8 |
| 51       | 0.0   | 31.0  | 46.6# |

Manual Integrations  
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MMDadoda  
11/19/2020 2:09:59 PM



#16

Acetone

Concen: 15.278 ug/l

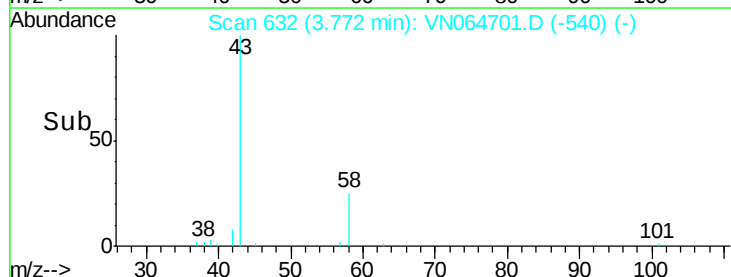
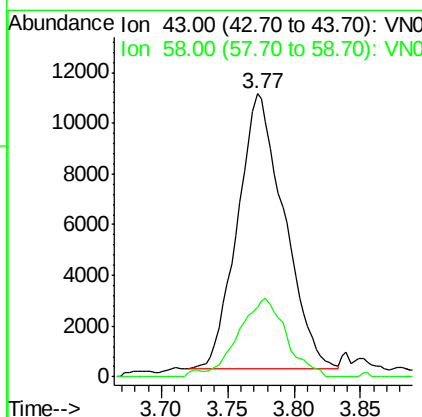
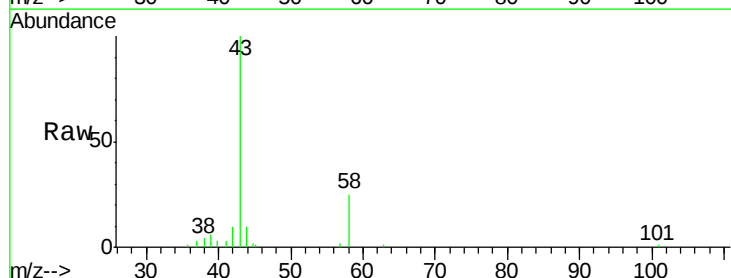
RT: 3.77 min Scan# 632

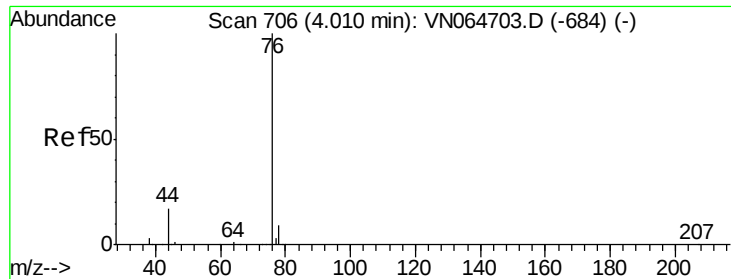
Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 26582 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 25.3  | 21.2  | 31.8  |





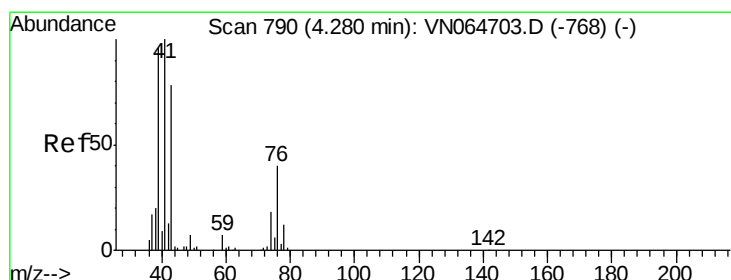
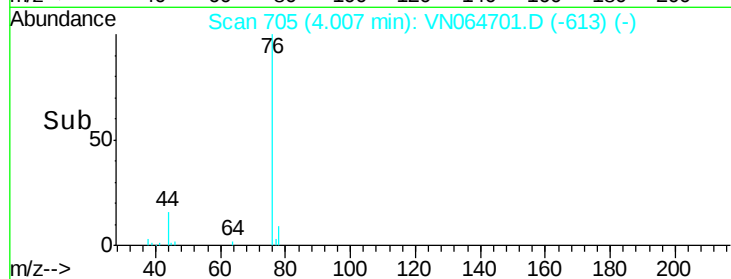
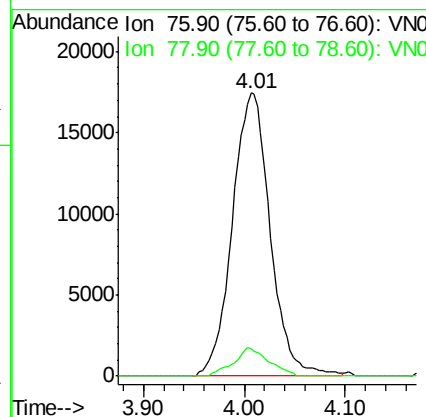
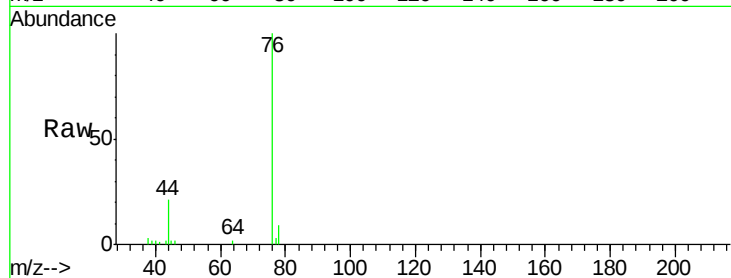
#17  
Carbon Disulfide  
Concen: 5.093 ug/l  
RT: 4.01 min Scan# 705  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.5   | 7.1   | 10.7  |

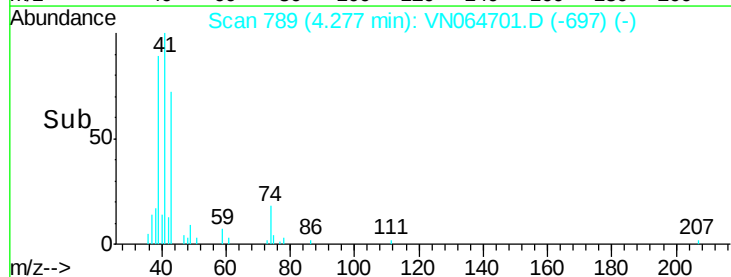
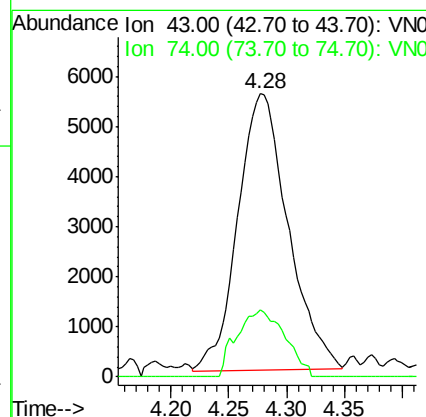
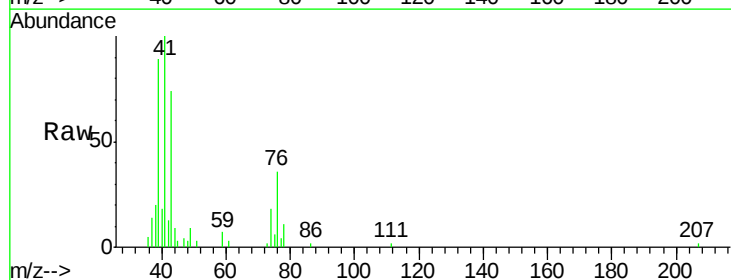
Manual Integrations  
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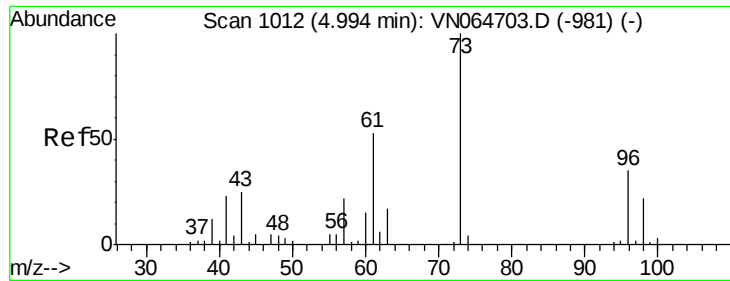
MMDadoda  
11/19/2020 2:09:59 PM



#18  
Methyl Acetate  
Concen: 4.559 ug/l  
RT: 4.28 min Scan# 789  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.1  | 17.6  | 26.4  |





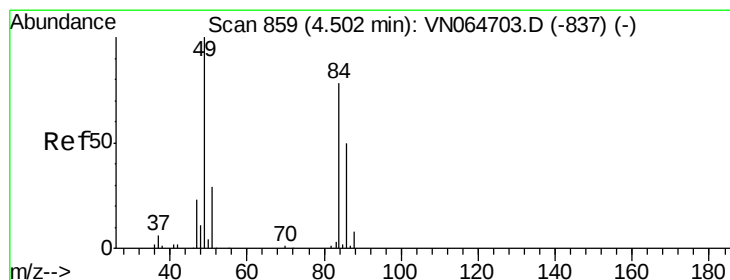
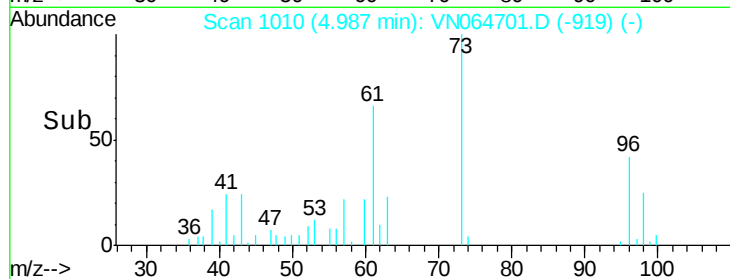
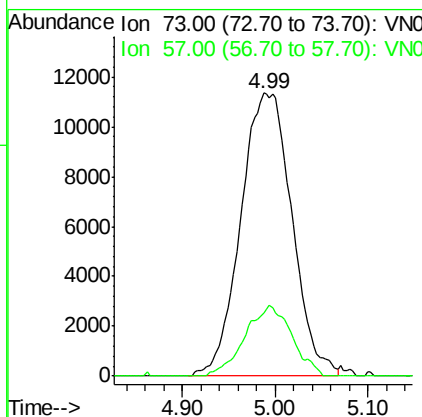
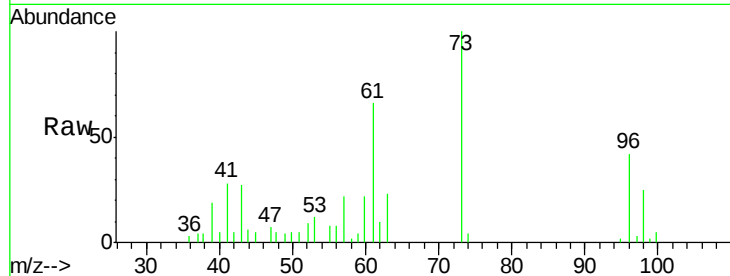
#19  
Methvl tert-butvl Ether  
Concen: 4.059 ug/l  
RT: 4.99 min Scan# 1010  
Delta R.T. -0.01 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion: 73 Resp: 43575  
Ion Ratio Lower Upper  
73 100  
57 22.3 17.3 25.9

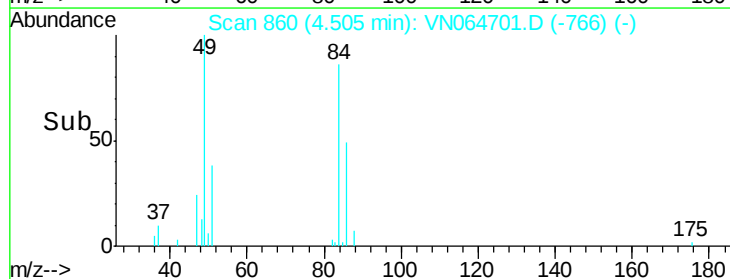
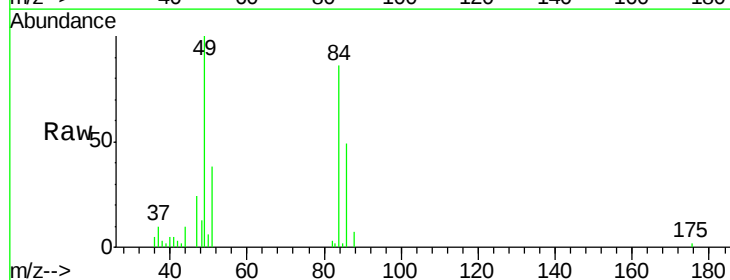
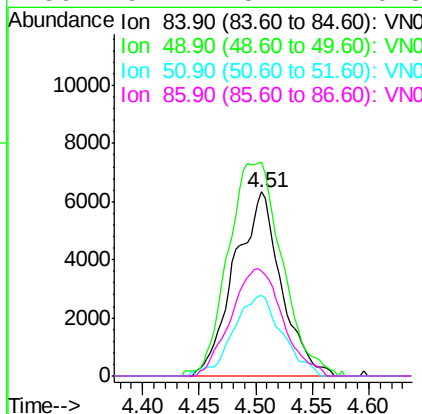
Manual Integrations  
APPROVED

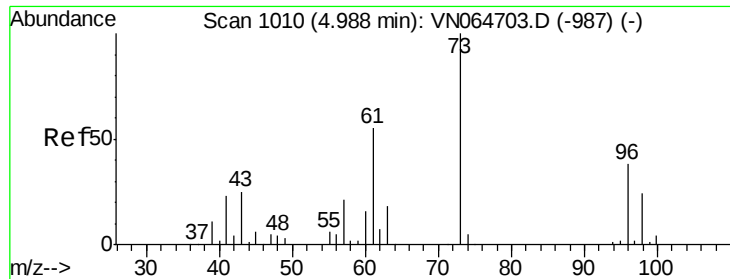
MMDadoda  
11/19/2020 2:09:59 PM



#20  
Methylene Chloride  
Concen: 4.918 ug/l  
RT: 4.51 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Tgt Ion: 84 Resp: 18174  
Ion Ratio Lower Upper  
84 100  
49 116.2 102.4 153.6  
51 44.0 29.4 44.2  
86 57.1 51.2 76.8





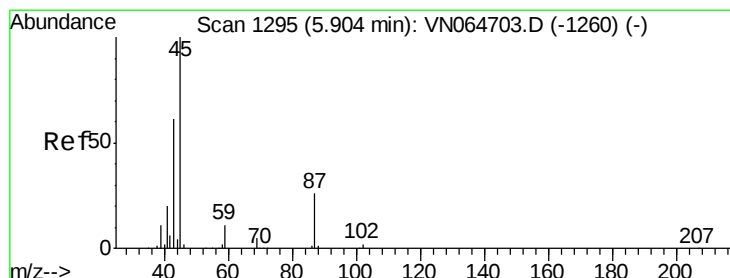
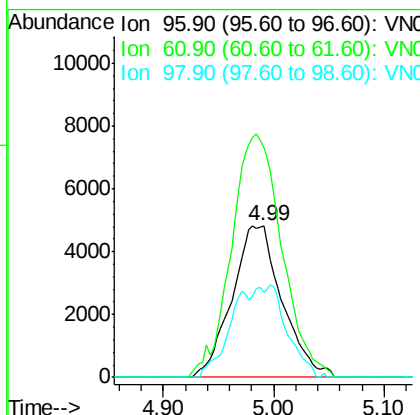
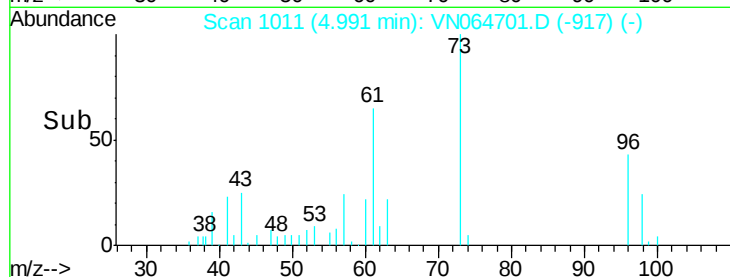
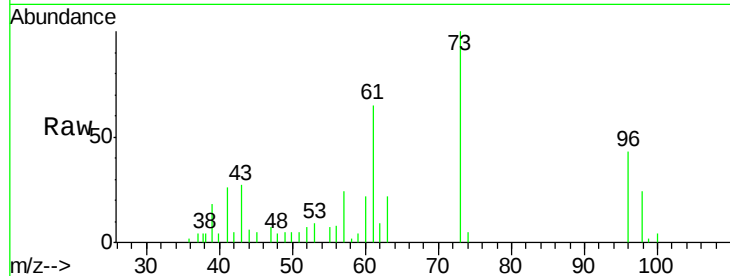
#21  
trans-1,2-Dichloroethene  
Concen: 4.475 ug/l  
RT: 4.99 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 151.4 | 117.9 | 176.9 |
| 98      | 55.8  | 51.1  | 76.7  |

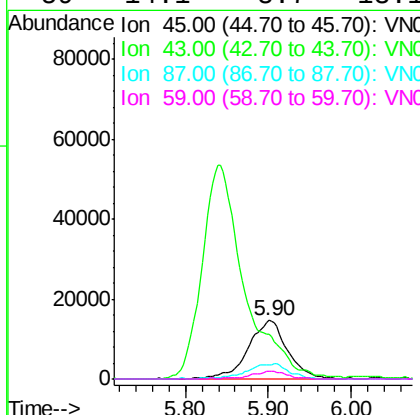
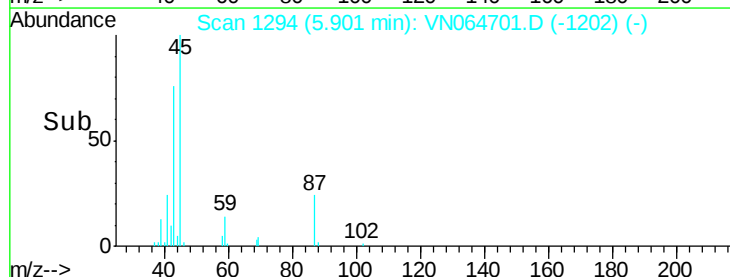
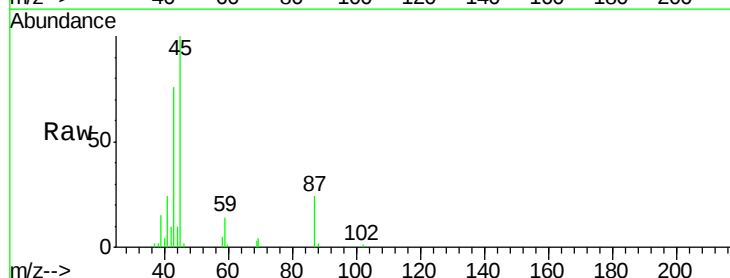
Manual Integrations  
APPROVED

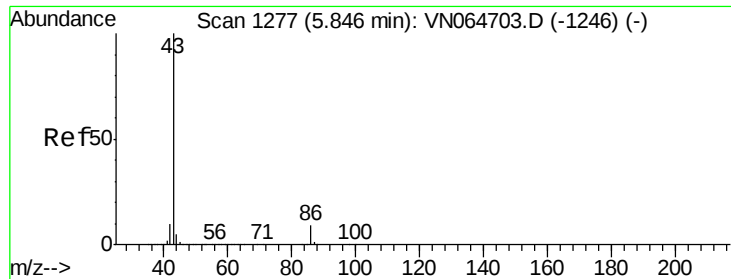
MMDadoda  
11/19/2020 2:09:59 PM



#22  
Diisopropyl ether  
Concen: 3.951 ug/l  
RT: 5.90 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 71.6  | 52.3  | 78.5  |
| 87      | 23.5  | 21.6  | 32.4  |
| 59      | 14.1  | 8.7   | 13.1# |





#23

Vinyl Acetate

Concen: 19.273 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 190640

Ion Ratio Lower Upper

43 100

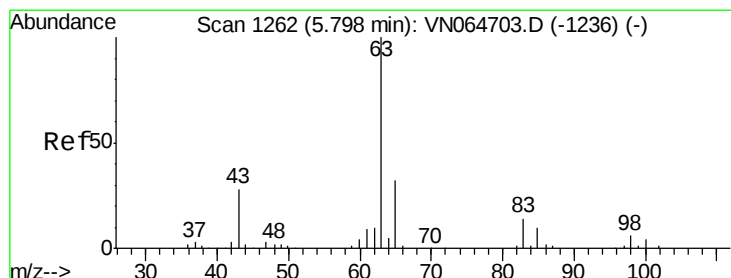
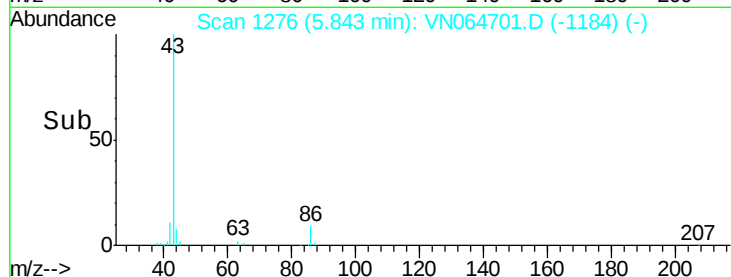
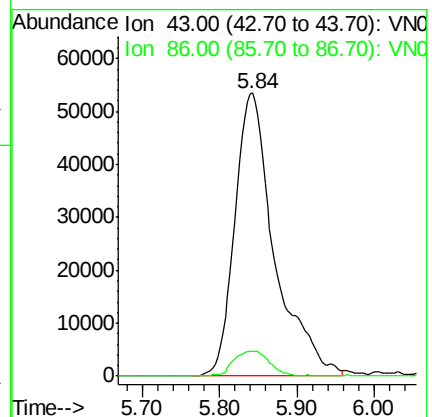
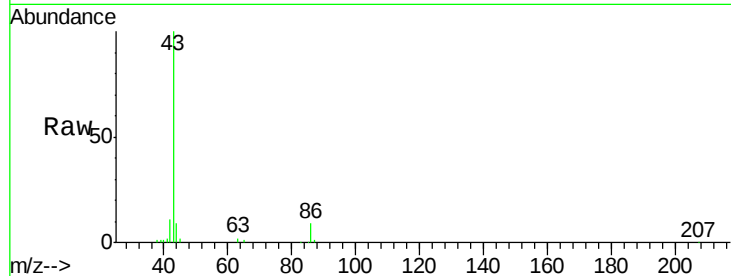
86 8.8 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 4.744 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

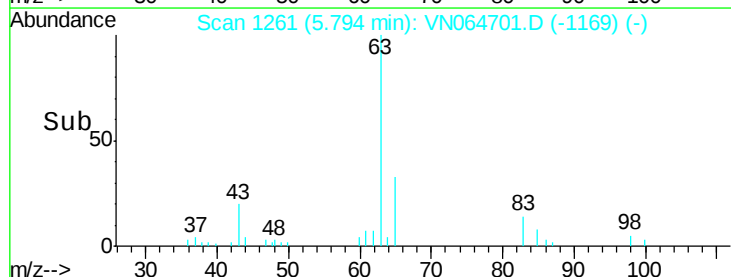
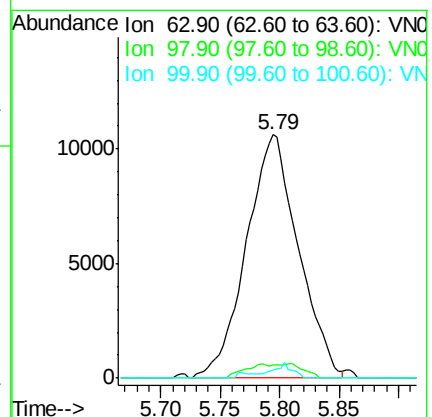
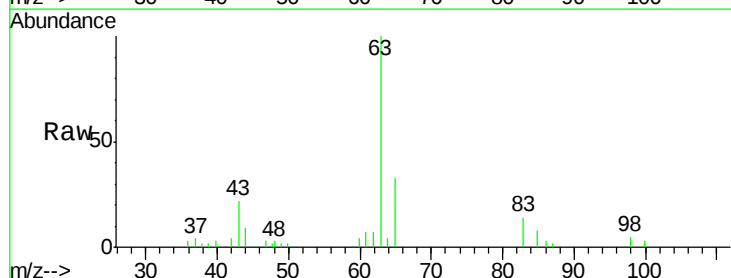
Tgt Ion: 63 Resp: 32143

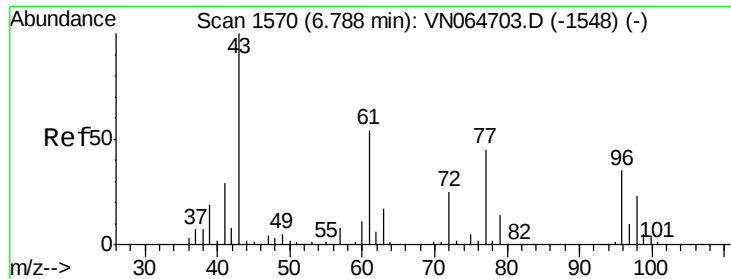
Ion Ratio Lower Upper

63 100

98 5.3 3.2 9.6

100 3.2 1.9 5.7





#25

2-Butanone

Concen: 18.226 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 41528

Ion Ratio Lower Upper

43 100

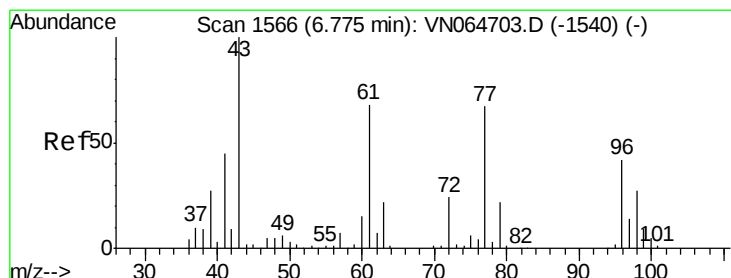
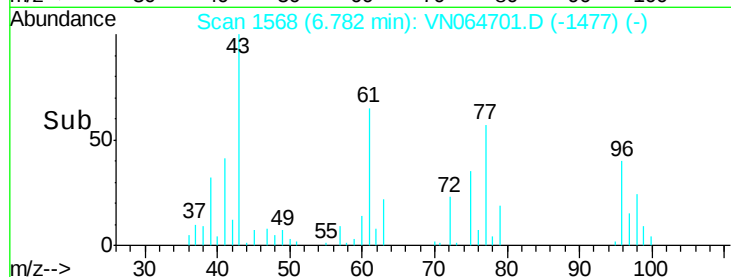
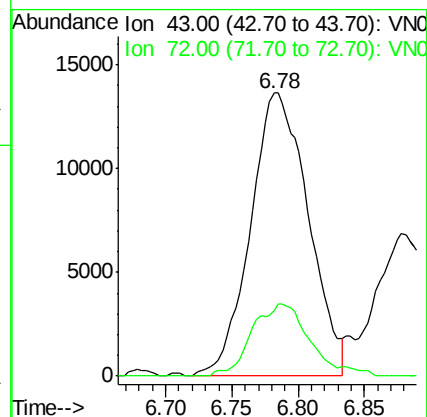
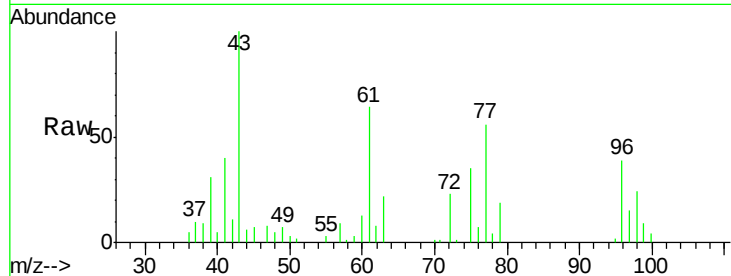
72 23.1 19.7 29.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 4.629 ug/l

RT: 6.77 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN064701.D

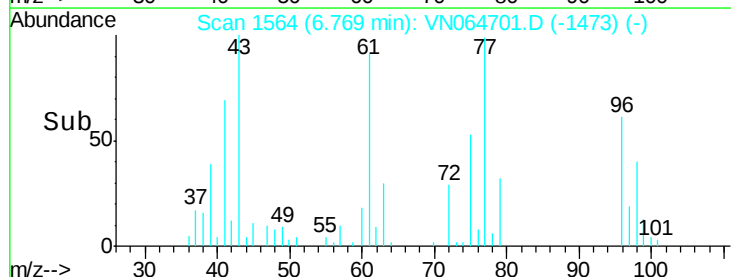
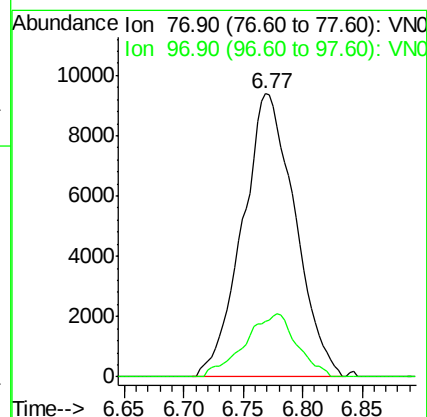
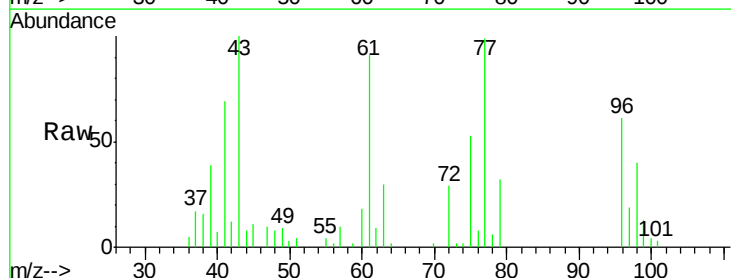
Acq: 18 Nov 2020 12:13

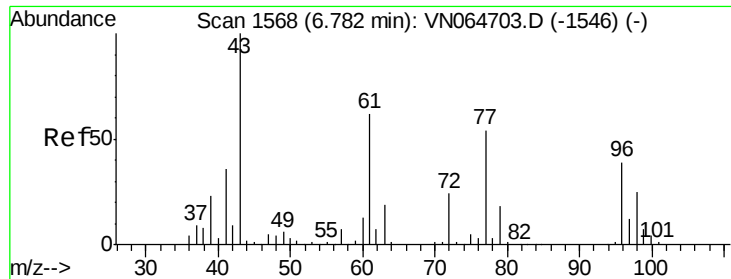
Tgt Ion: 77 Resp: 28692

Ion Ratio Lower Upper

77 100

97 22.1 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 4.481 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 96 Resp: 17550

Ion Ratio Lower Upper

96 100

61 157.7 0.0 322.6

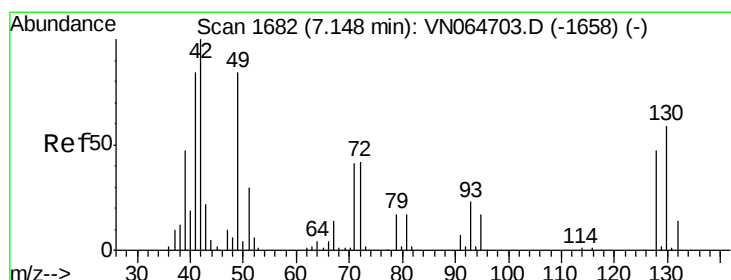
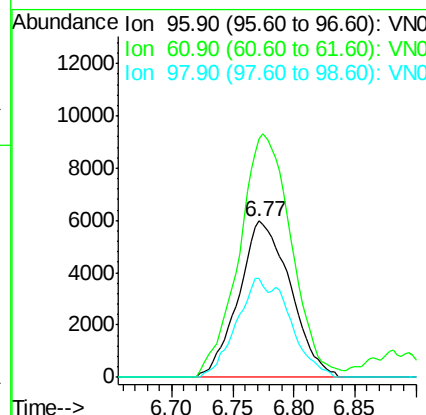
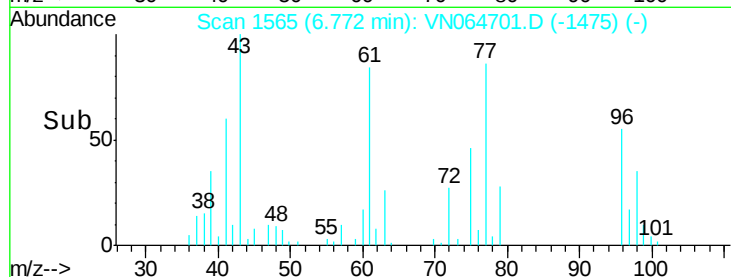
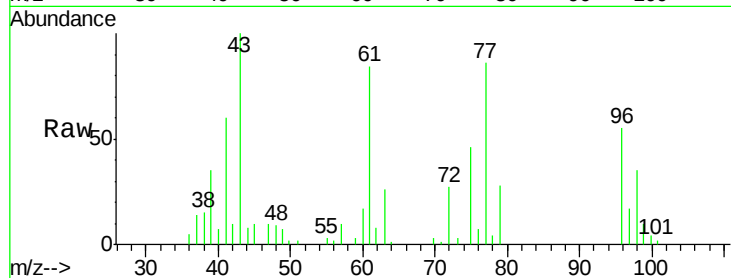
98 41.0 0.0 128.6

Manual Integrations

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#28

Bromochloromethane

Concen: 4.792 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

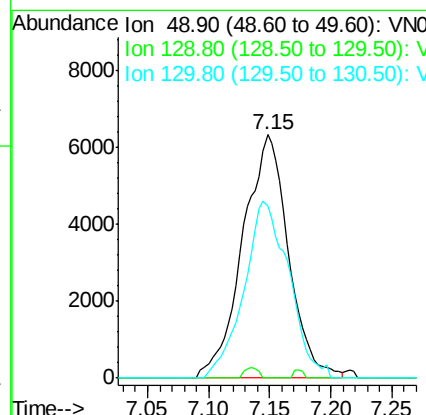
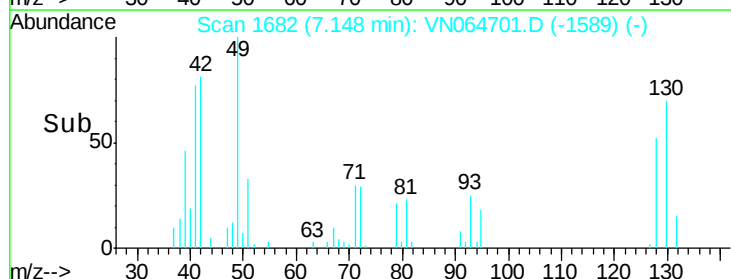
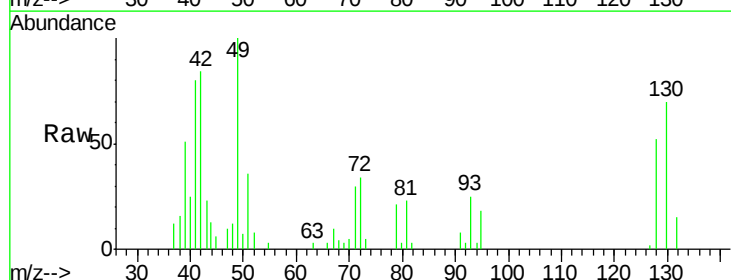
Tgt Ion: 49 Resp: 16409

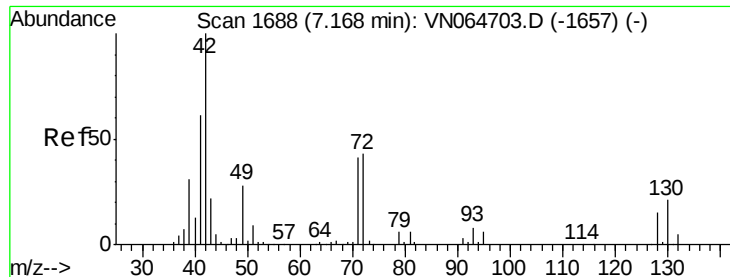
Ion Ratio Lower Upper

49 100

129 1.3 0.0 3.8

130 71.3 56.2 84.4





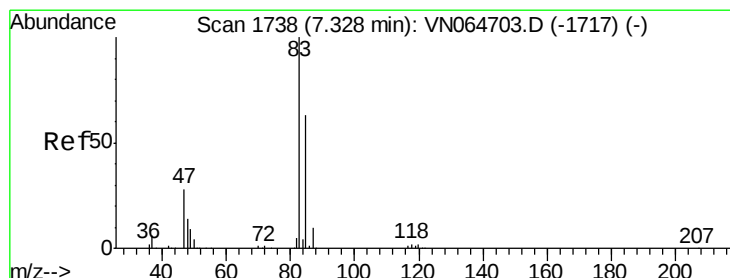
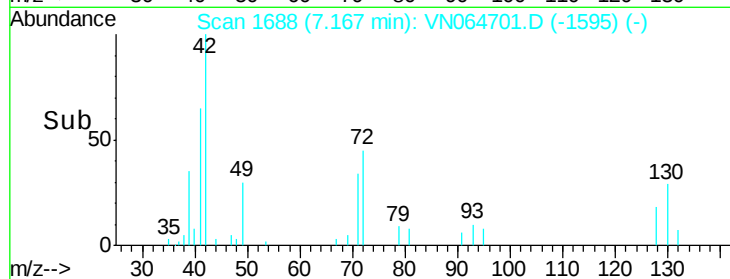
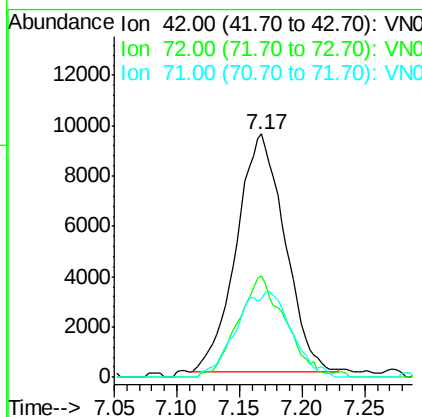
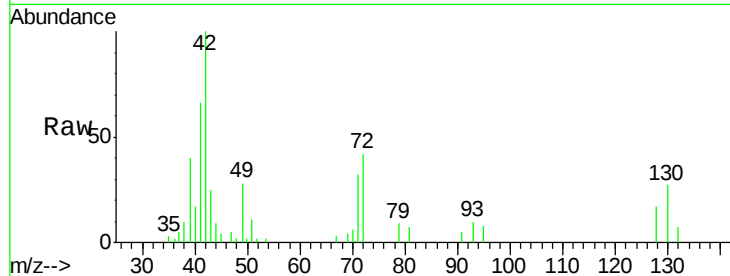
#29  
Tetrahydrofuran  
Concen: 17.674 ug/l  
RT: 7.17 min Scan# 1688  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 41.9  | 33.0  | 49.4  |
| 71      | 17.9  | 31.8  | 47.6  |

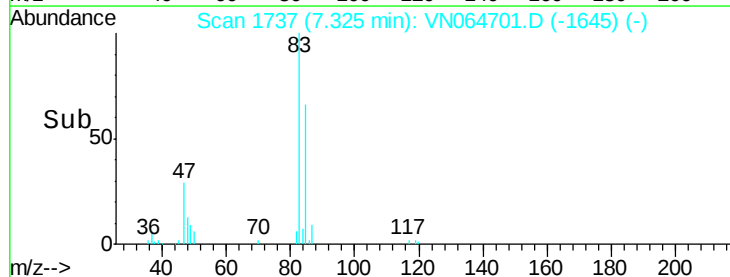
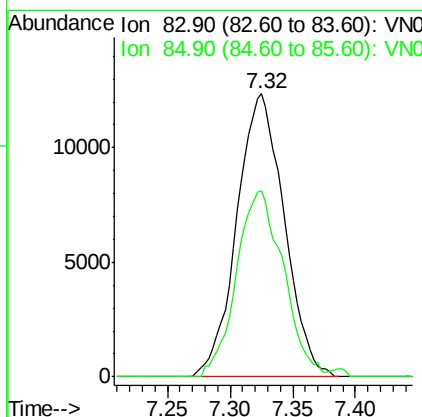
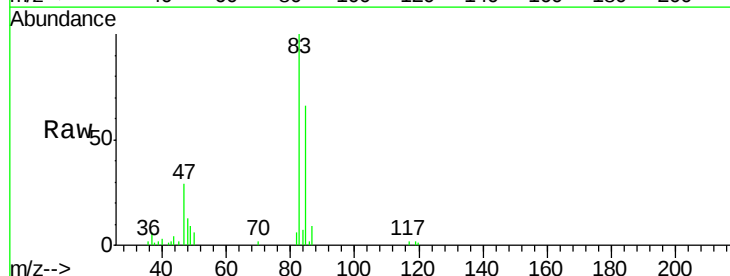
Manual Integrations  
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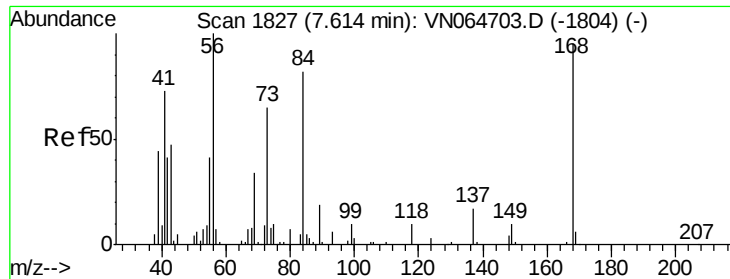
MMDadoda  
11/19/2020 2:09:59 PM



#30  
Chloroform  
Concen: 4.520 ug/l  
RT: 7.32 min Scan# 1737  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.9  | 50.6  | 75.8  |





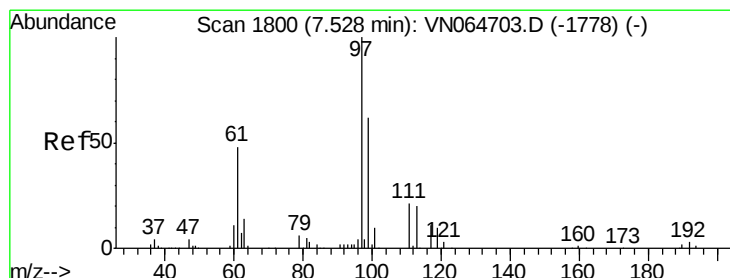
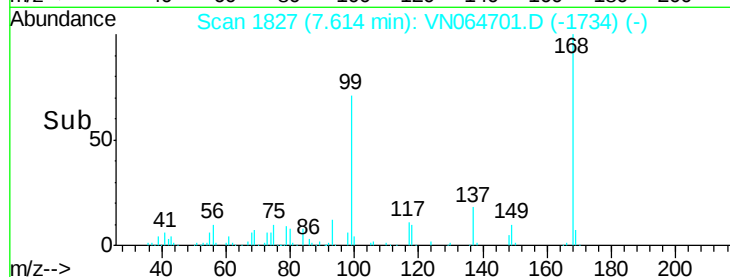
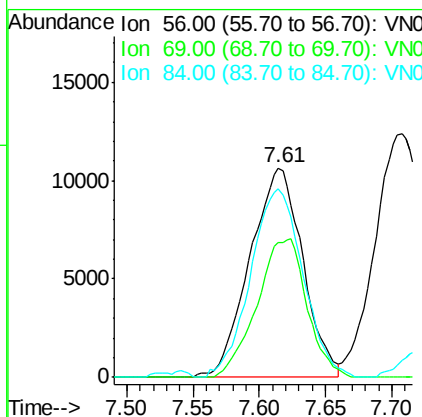
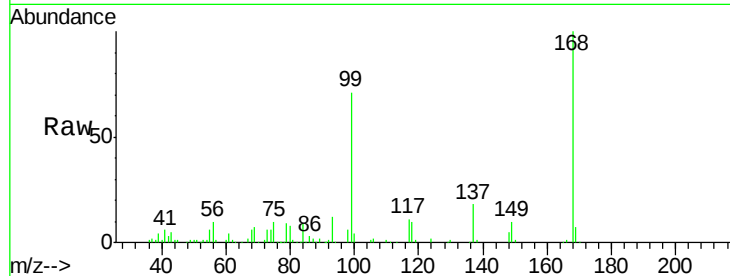
#31  
Cyclohexane  
Concen: 5.097 ug/l  
RT: 7.61 min Scan# 1827  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 64.6  | 27.2  | 40.8# |
| 84      | 87.9  | 65.9  | 98.9  |

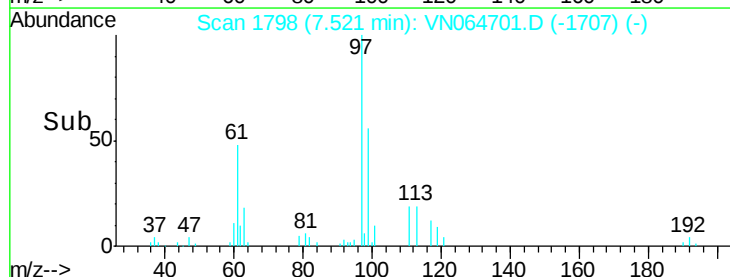
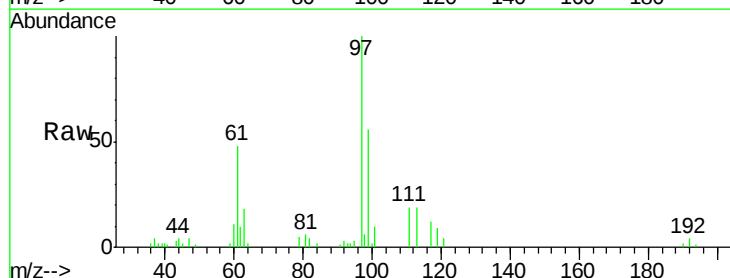
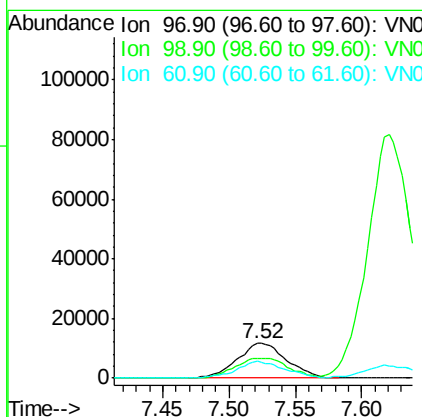
Manual Integrations  
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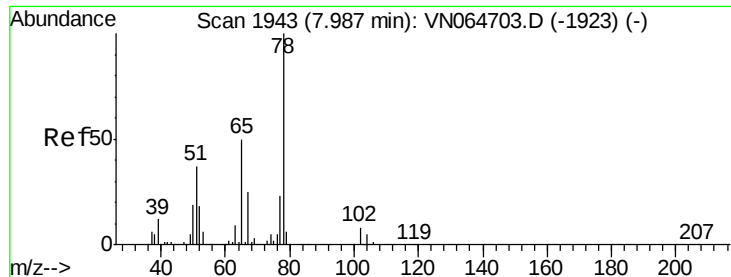
MMDadoda  
11/19/2020 2:09:59 PM



#32  
1,1,1-Trichloroethane  
Concen: 4.713 ug/l  
RT: 7.52 min Scan# 1798  
Delta R.T. -0.01 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 61.4  | 50.6  | 76.0  |
| 61      | 48.1  | 38.3  | 57.5  |





#33

1,2-Dichloroethane-d4

Concen: 5.677 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 28063

Ion Ratio Lower Upper

65 100

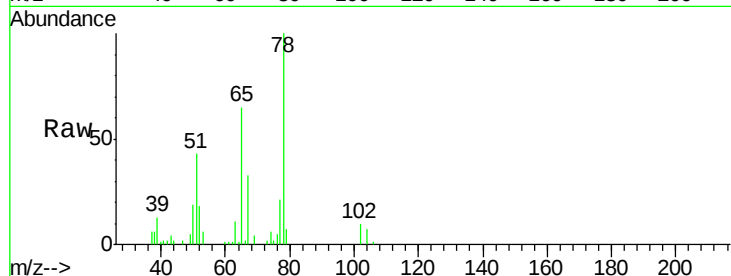
67 48.6 0.0 99.8

Manual Integrations

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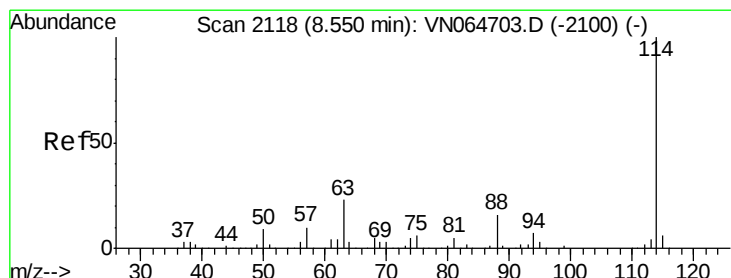
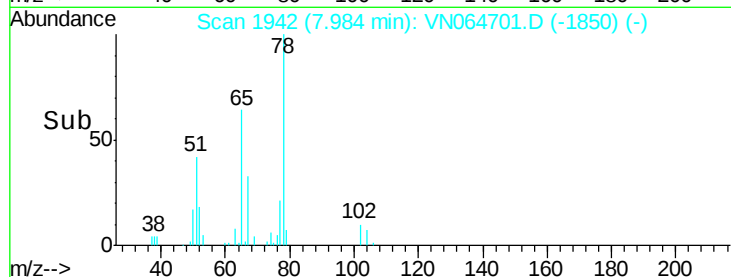
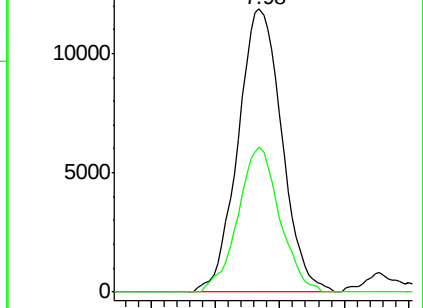
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Abundance Ion 64.90 (64.60 to 65.60): VN064703.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN064703.D (-1923) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

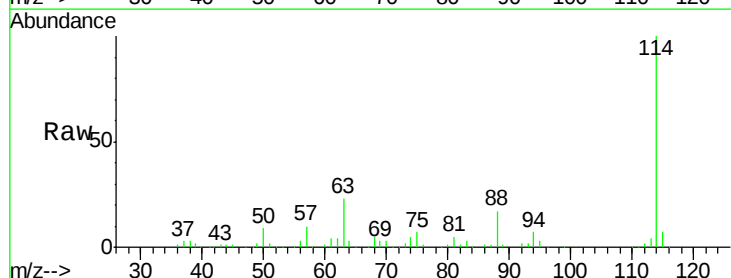
Tgt Ion: 114 Resp: 503689

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.0

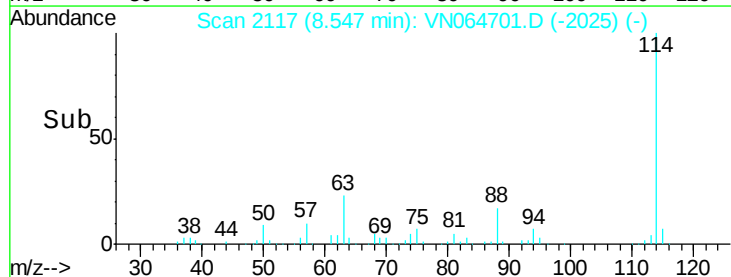
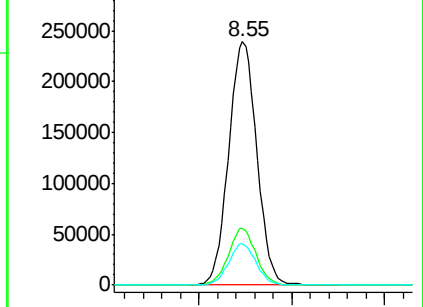
88 17.0 0.0 31.2

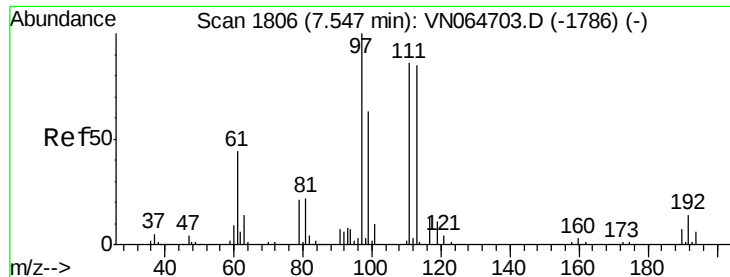


Abundance Ion 113.90 (113.60 to 114.60): VN064703.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064703.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064703.D (-2100) (-)





#35

Dibromofluoromethane

Concen: 4.899 ug/l

RT: 7.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

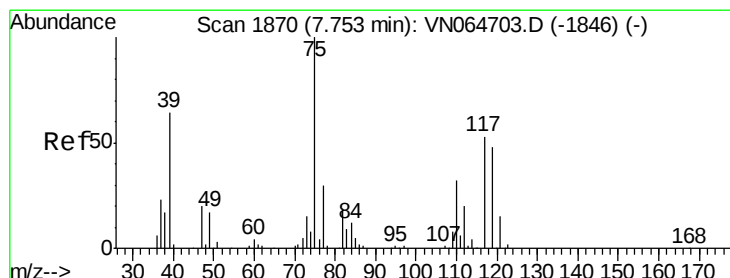
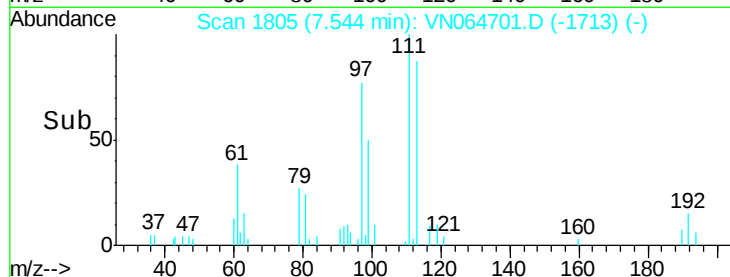
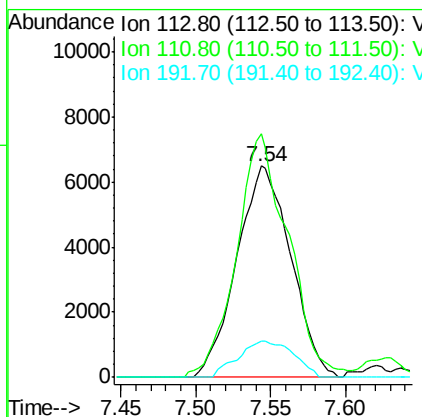
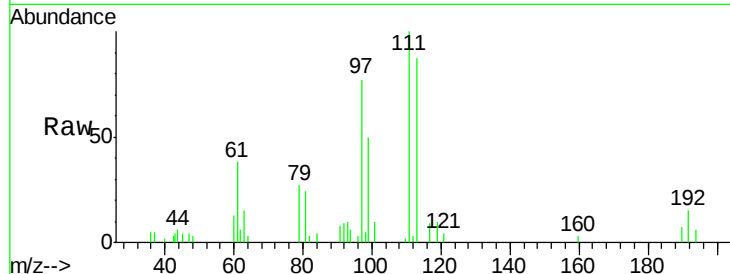
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 16294 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 110.4 | 82.2  | 123.4 |
| 192      | 17.6  | 12.7  | 19.1  |

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#36

1,1-Dichloropropene

Concen: 4.579 ug/l

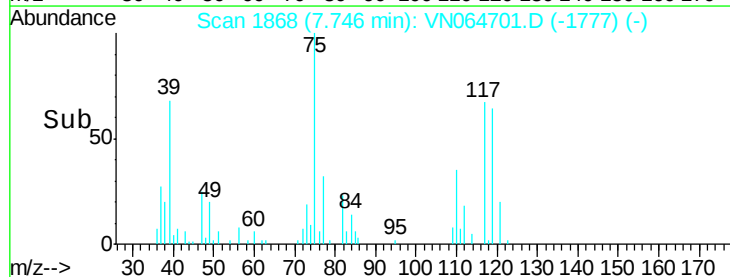
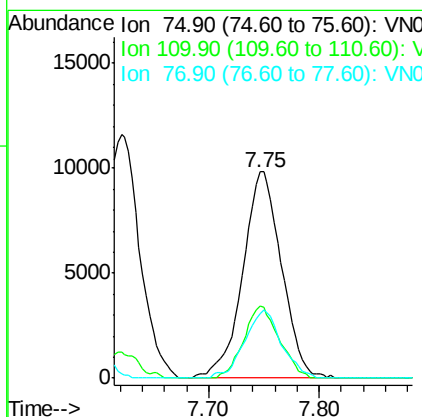
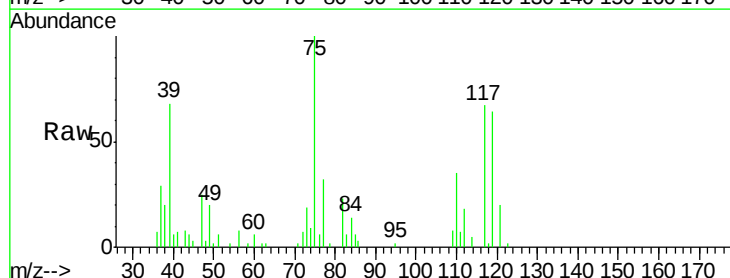
RT: 7.75 min Scan# 1868

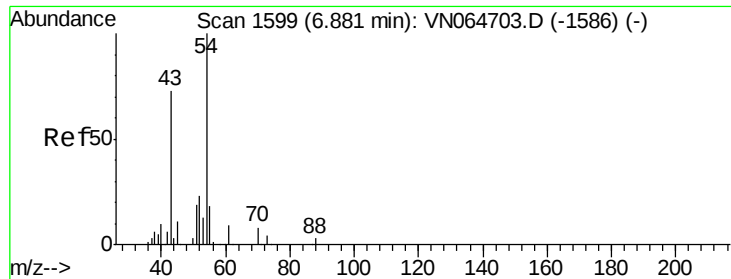
Delta R.T. -0.01 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 23938 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 31.9  | 16.2  | 48.6  |
| 77       | 31.3  | 24.4  | 36.6  |





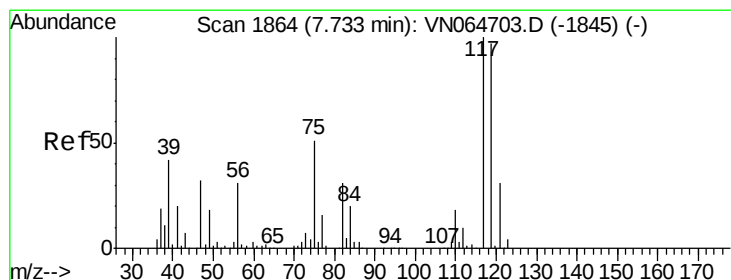
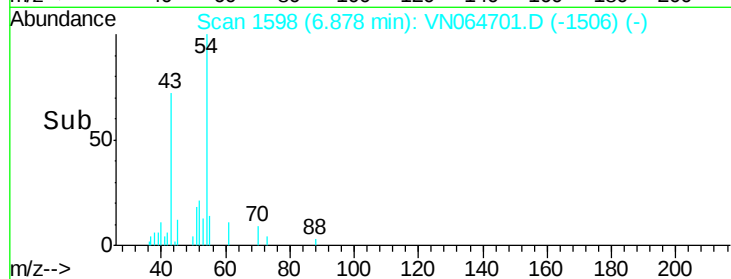
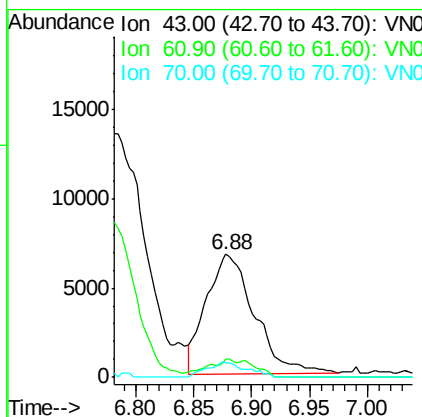
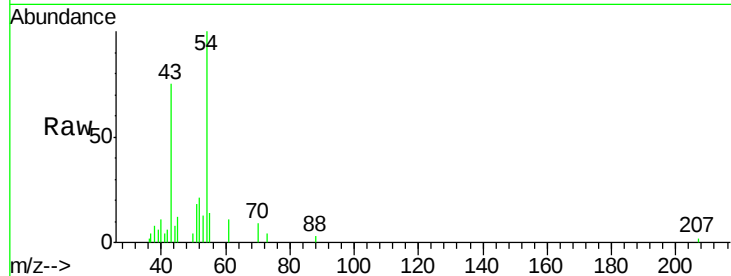
#37  
Ethyl Acetate  
Concen: 4.238 ug/l  
RT: 6.88 min Scan# 1598  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion   | 43   | Resp  | 19488 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 43        | 100  |       |       |
| 61        | 5.6  | 10.4  | 15.6# |
| 70        | 10.6 | 7.6   | 11.4  |

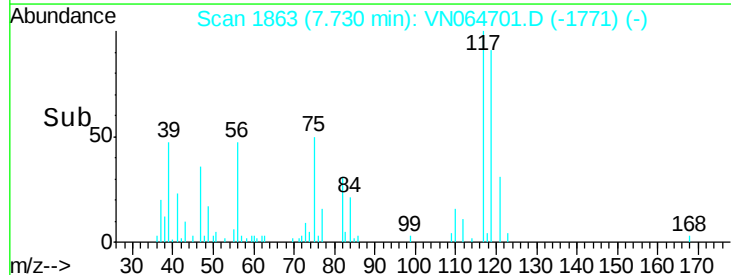
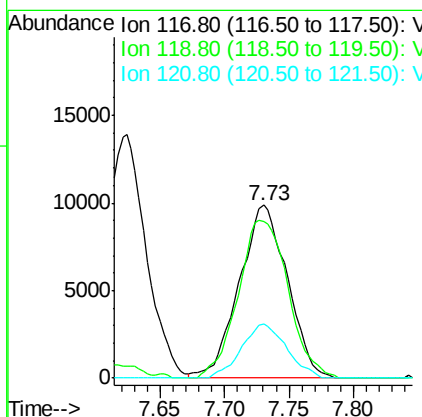
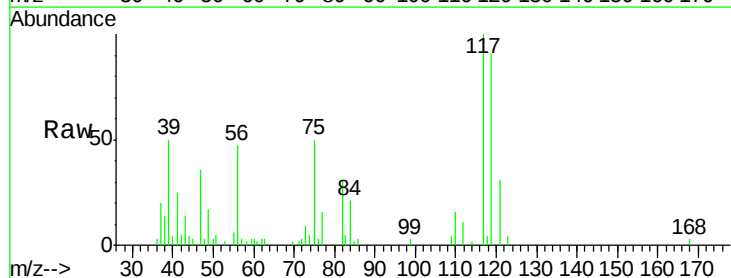
Manual Integrations  
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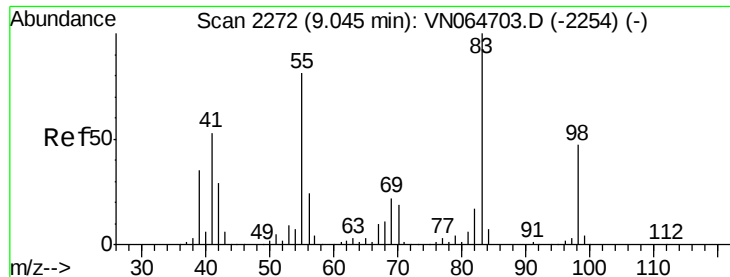
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 4.563 ug/l  
RT: 7.73 min Scan# 1863  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

| Tgt Ion   | 117  | Resp  | 25682 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 117       | 100  |       |       |
| 119       | 90.8 | 77.8  | 116.6 |
| 121       | 31.2 | 24.9  | 37.3  |





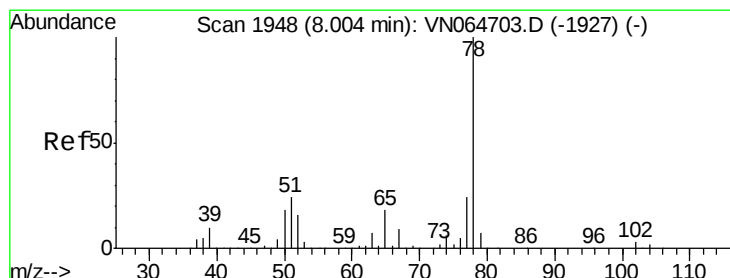
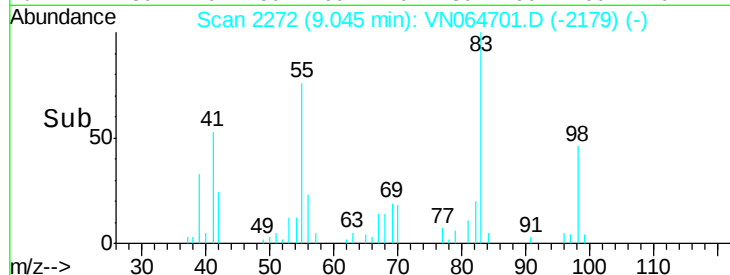
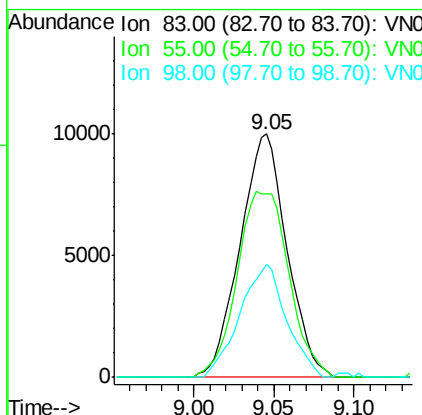
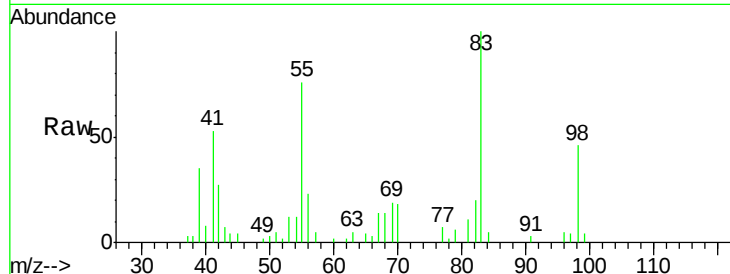
#39  
Methvlcvclohexane  
Concen: 4.307 ug/l  
RT: 9.05 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 75.5  | 64.6  | 97.0  |
| 98      | 46.5  | 37.7  | 56.5  |

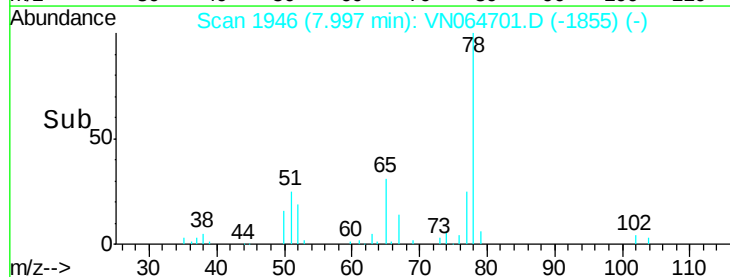
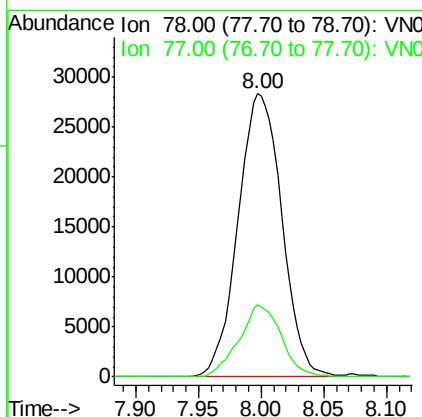
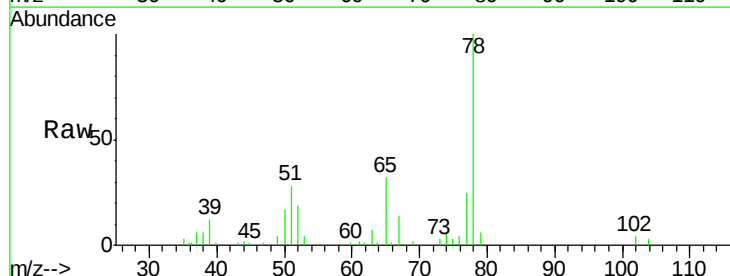
Manual Integrations  
APPROVED

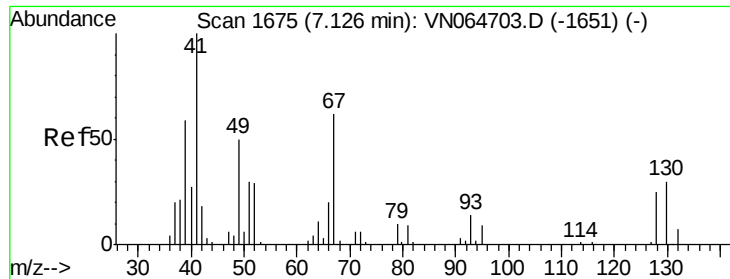
MMDadoda  
11/19/2020 2:09:59 PM



#40  
Benzene  
Concen: 4.486 ug/l  
RT: 8.00 min Scan# 1946  
Delta R.T. -0.01 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 25.5  | 19.2  | 28.8  |





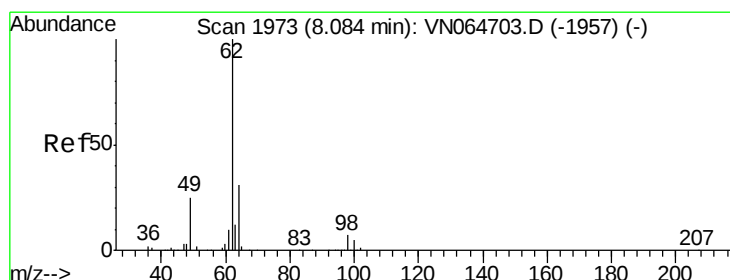
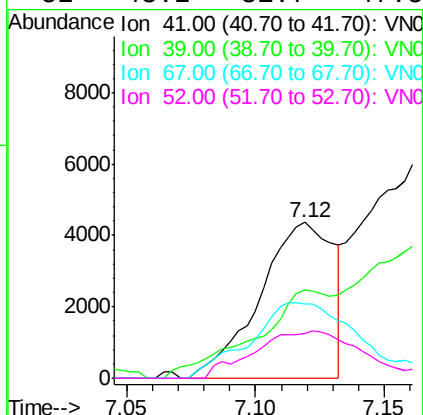
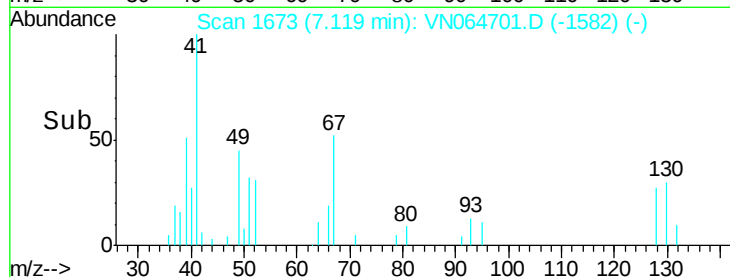
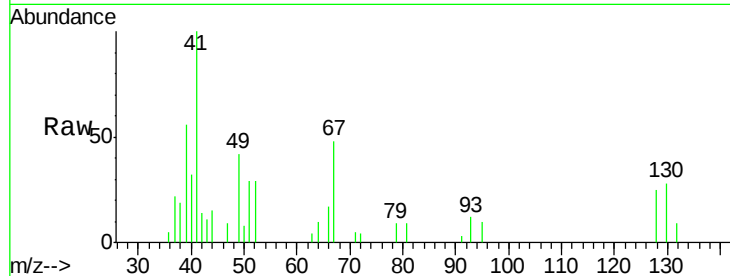
#41  
Methacrylonitrile  
Concen: 3.744 ug/l  
RT: 7.12 min Scan# 1673  
Delta R.T. -0.01 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 8707  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.6  | 46.0  | 69.0  |
| 67       | 72.0  | 67.0  | 100.4 |
| 52       | 43.2  | 31.7  | 47.5  |

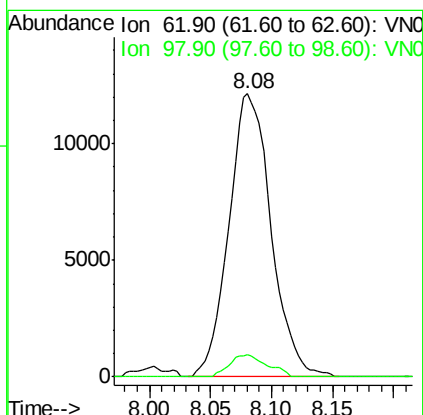
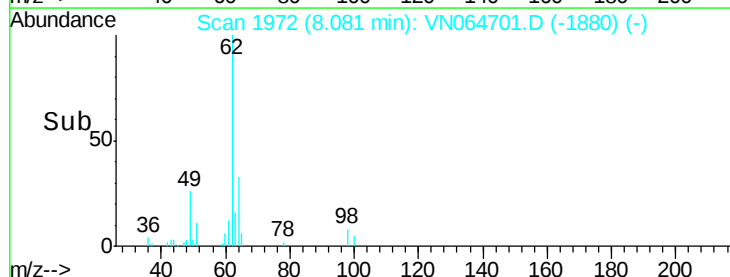
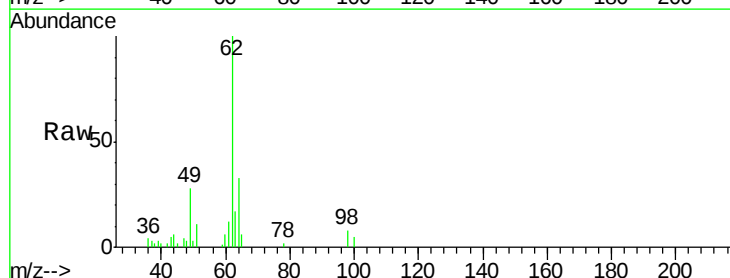
Manual Integrations  
APPROVED

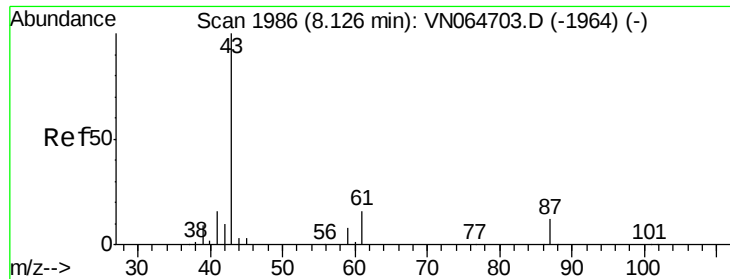
MMDadoda  
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#42  
1,2-Dichloroethane  
Concen: 4.669 ug/l  
RT: 8.08 min Scan# 1972  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 29093 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 7.0   | 0.0   | 13.6  |





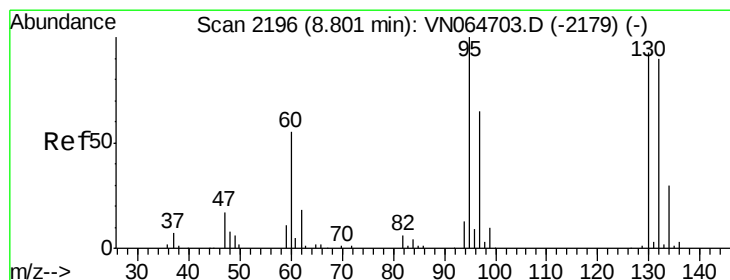
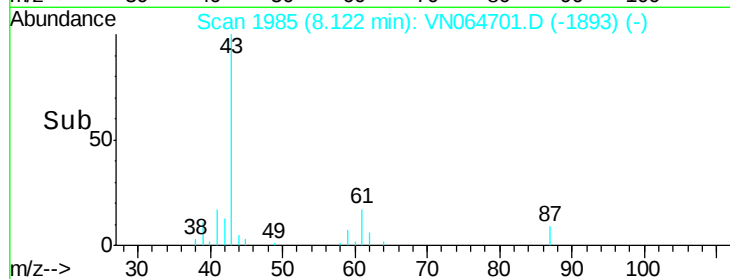
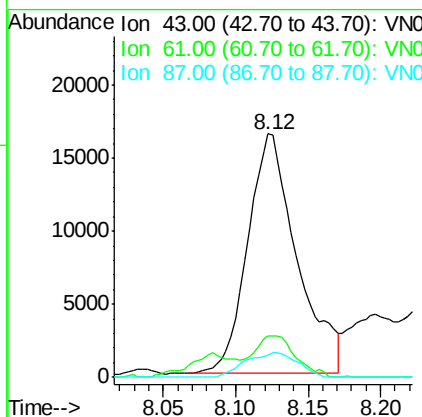
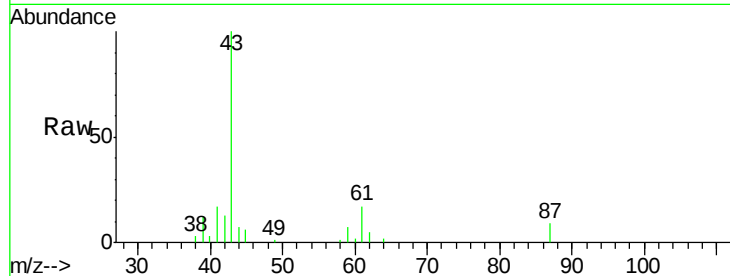
#43  
Isopropyl Acetate  
Concen: 4.600 ug/l  
RT: 8.12 min Scan# 1985  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.2  | 14.1  | 21.1  |
| 87      | 10.9  | 9.1   | 13.7  |

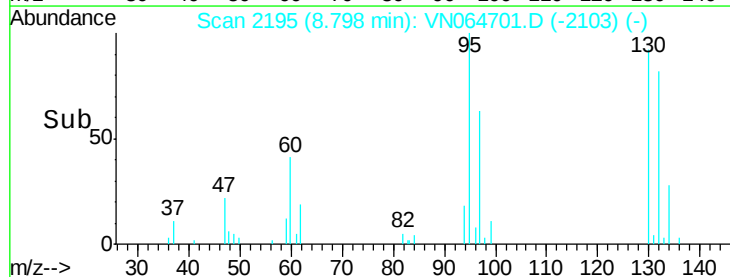
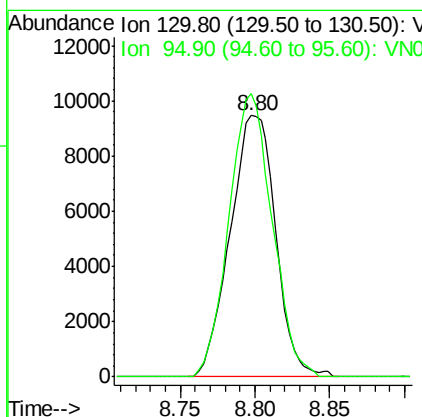
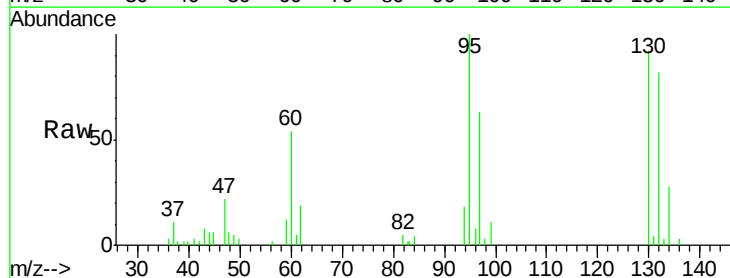
Manual Integrations  
APPROVED

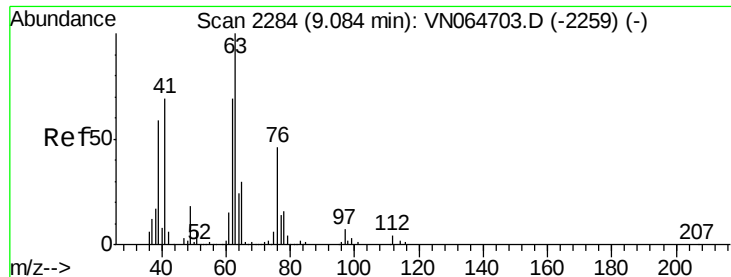
MMDadoda  
11/19/2020 2:09:59 PM



#44  
Trichloroethene  
Concen: 5.118 ug/l  
RT: 8.80 min Scan# 2195  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 108.3 | 0.0   | 214.2 |





#45

1,2-Dichloropropane

Concen: 4.230 ug/l

RT: 9.08 min Scan# 2282

Delta R.T. -0.01 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 17263

Ion Ratio Lower Upper

63 100

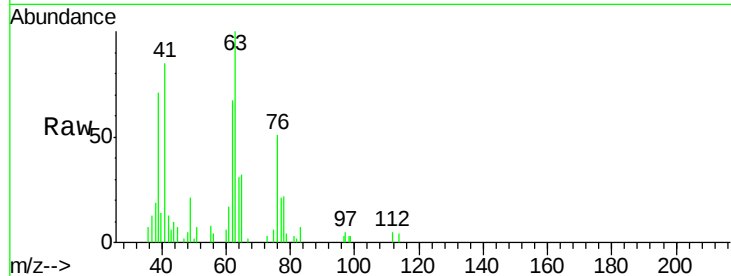
65 32.5 24.0 36.0

Manual Integrations

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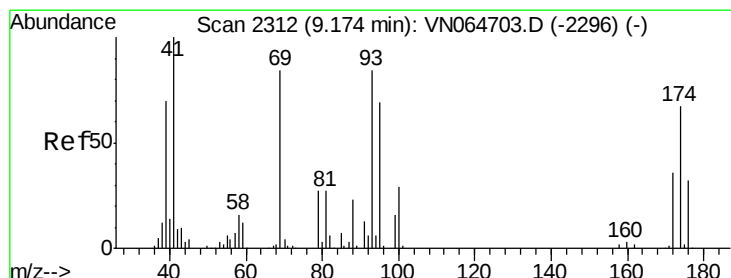
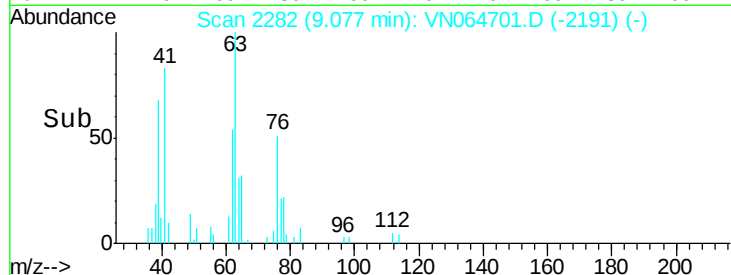
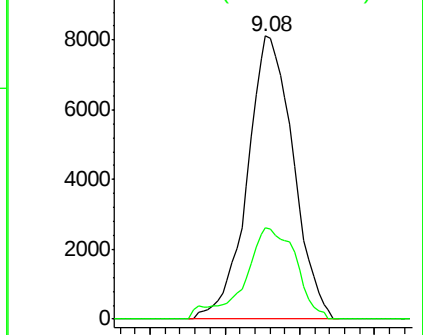
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 4.856 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

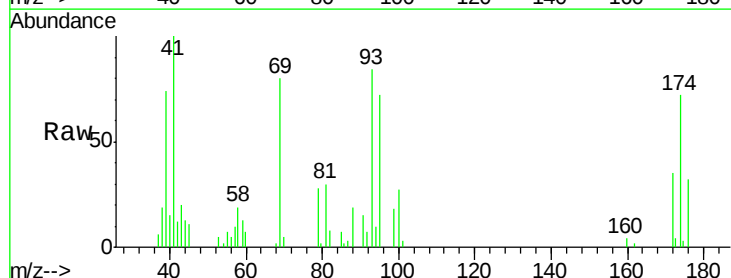
Tgt Ion: 93 Resp: 13254

Ion Ratio Lower Upper

93 100

95 82.7 64.6 97.0

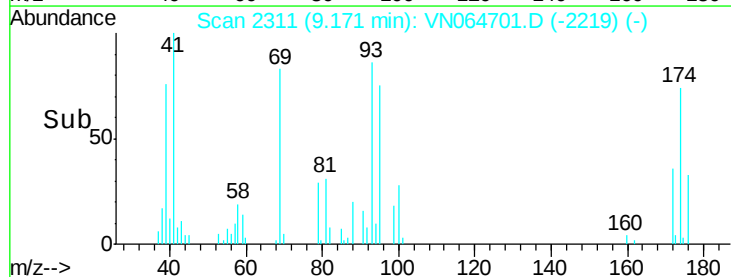
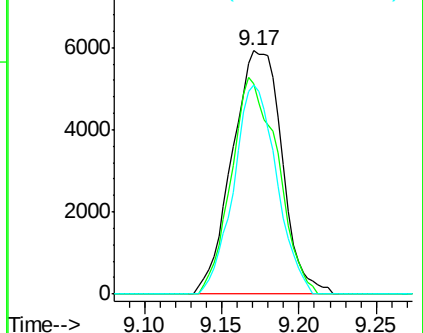
174 74.3 64.3 96.5

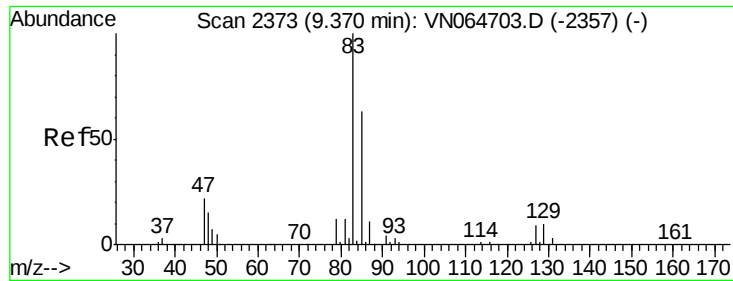


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 4.528 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

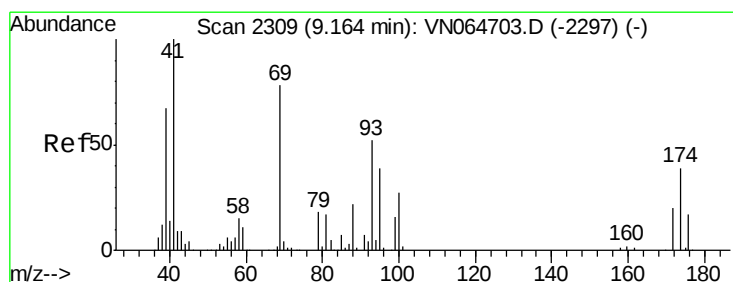
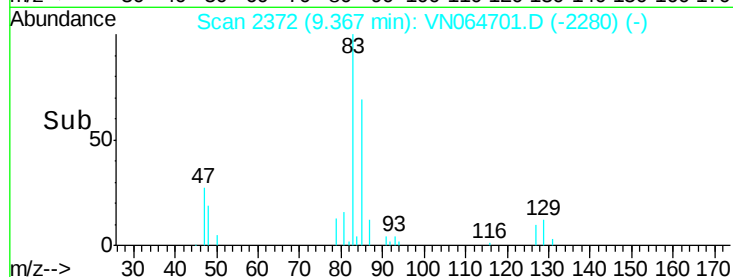
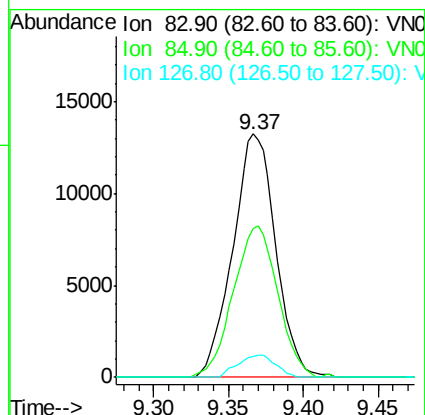
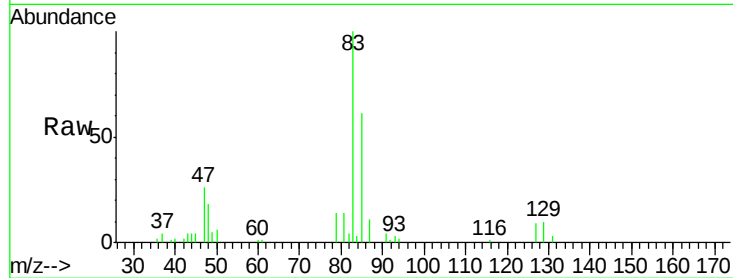
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 26429 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 61.0  | 50.8  | 76.2  |
| 127       | 8.6   | 7.0   | 10.4  |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 3.917 ug/l

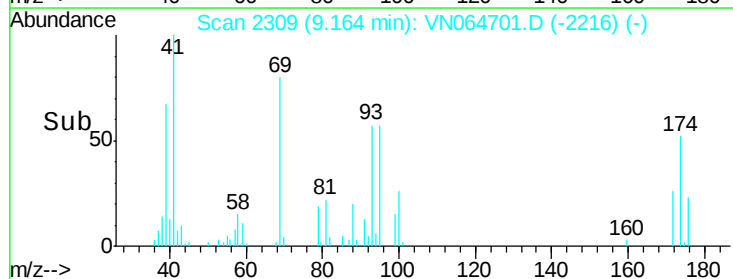
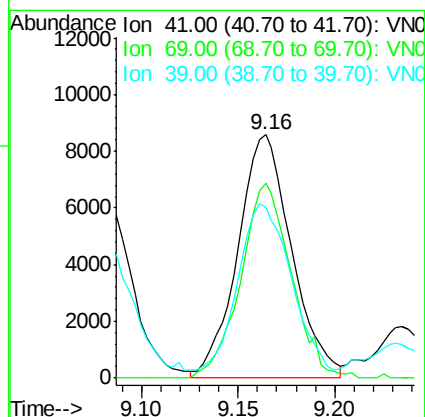
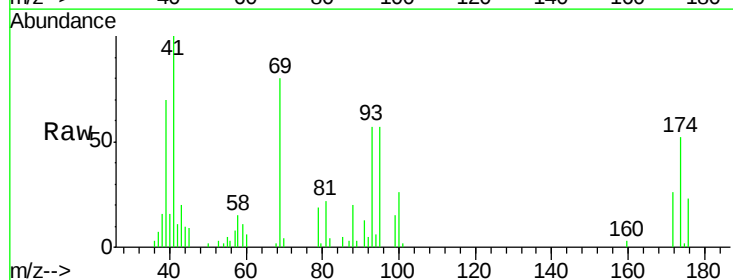
RT: 9.16 min Scan# 2309

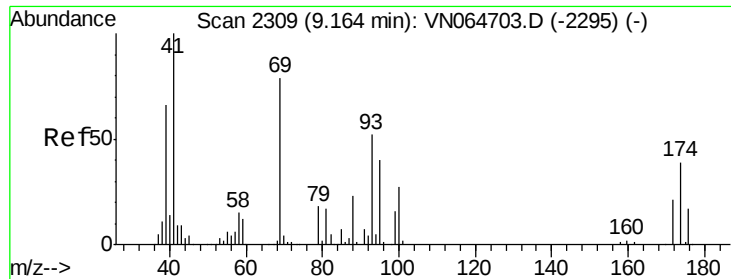
Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 16650 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 75.1  | 62.3  | 93.5  |
| 39        | 67.2  | 55.1  | 82.7  |





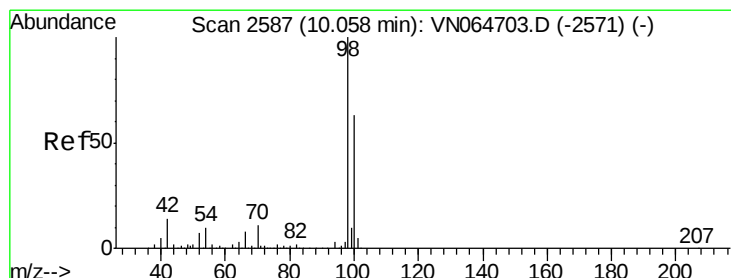
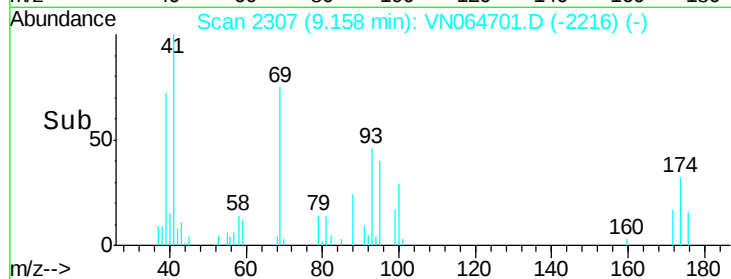
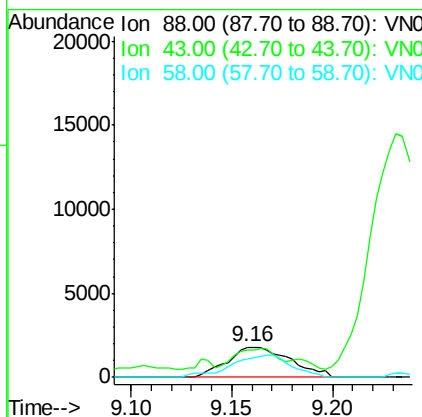
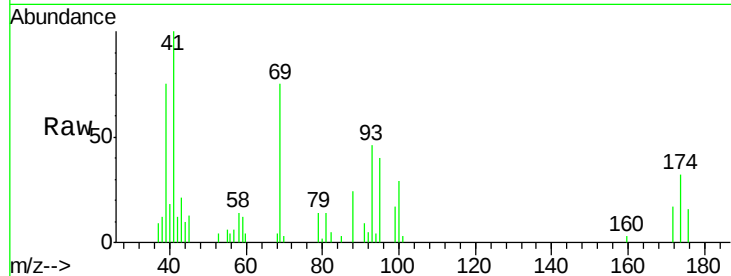
#49  
1,4-Dioxane  
Concen: 70.965 ug/l  
RT: 9.16 min Scan# 2307  
Delta R.T. -0.01 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 42.4  | 31.3  | 46.9  |
| 58      | 70.0  | 55.7  | 83.5  |

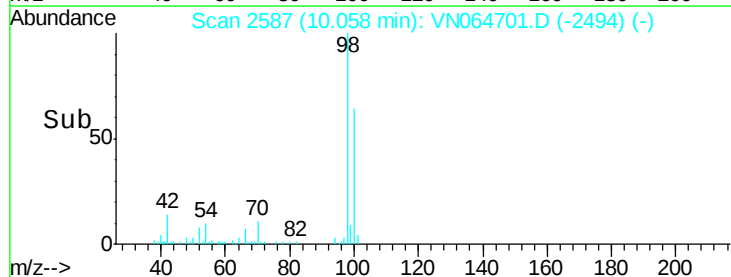
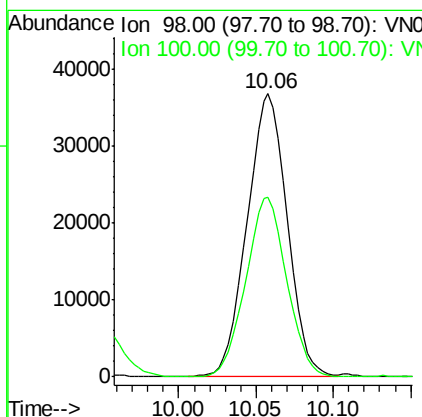
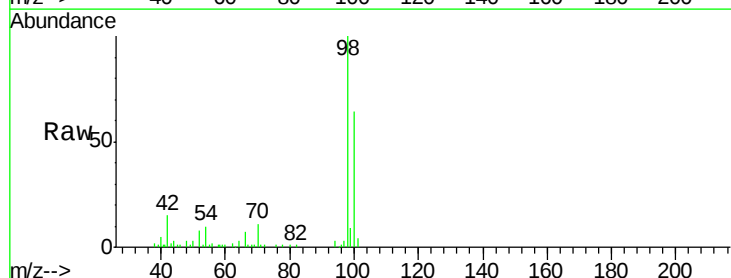
Manual Integrations  
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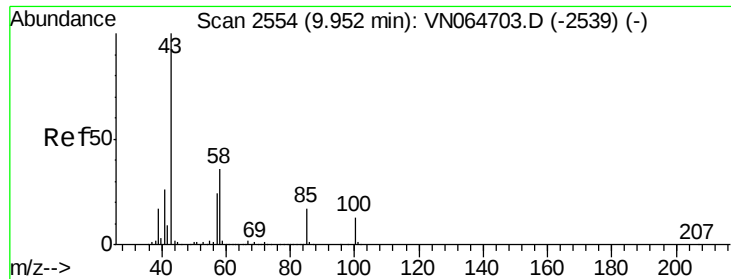
MMDadoda  
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#50  
Toluene-d8  
Concen: 5.030 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.7  | 50.4  | 75.6  |





#51

4-Methyl-2-Pentanone

Concen: 19.245 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 94241

Ion Ratio Lower Upper

43 100

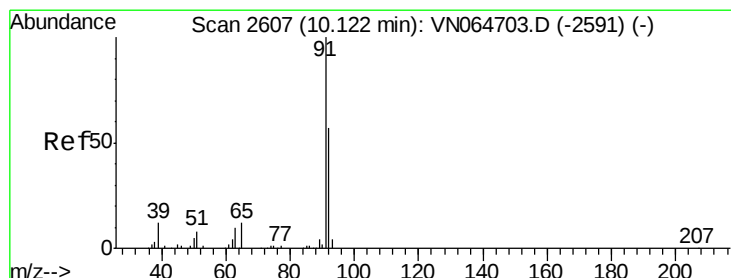
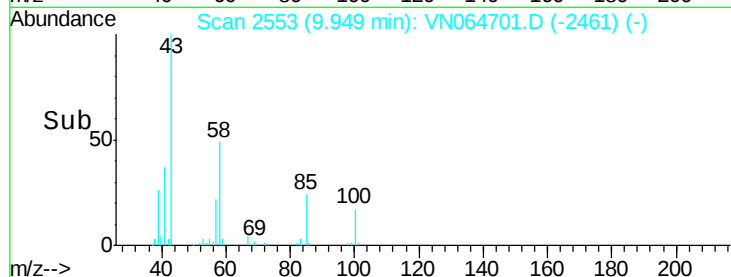
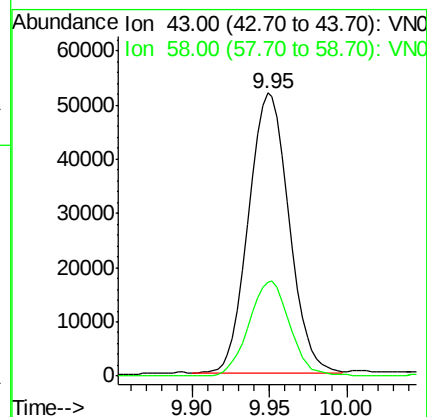
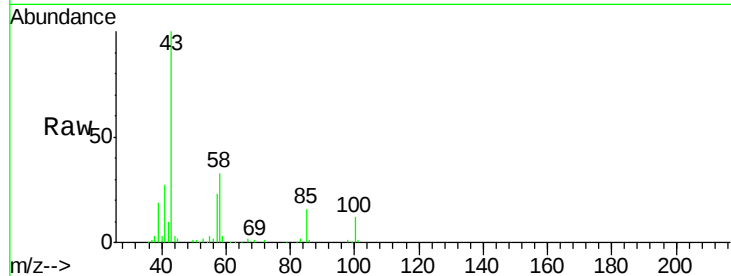
58 34.3 28.5 42.7

Manual Integrations

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#52

Toluene

Concen: 4.034 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN064701.D

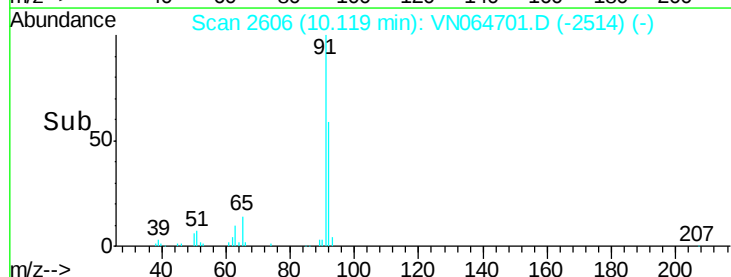
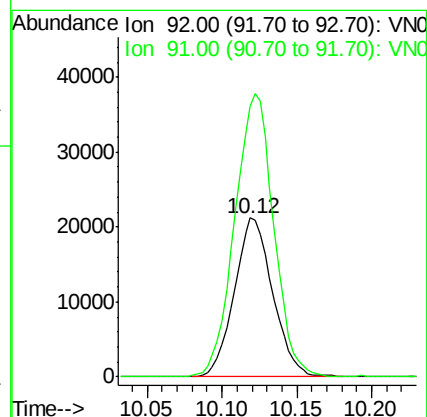
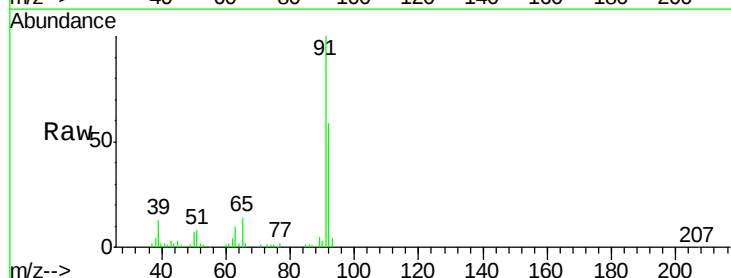
Acq: 18 Nov 2020 12:13

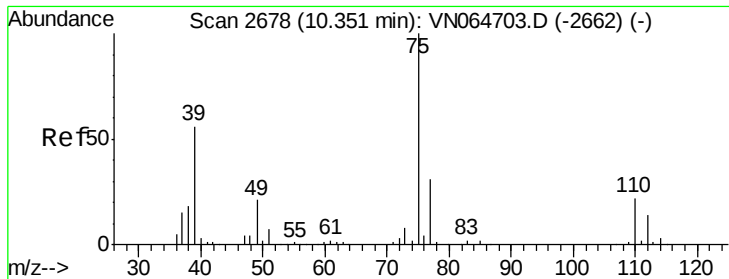
Tgt Ion: 92 Resp: 37785

Ion Ratio Lower Upper

92 100

91 180.9 141.2 211.8





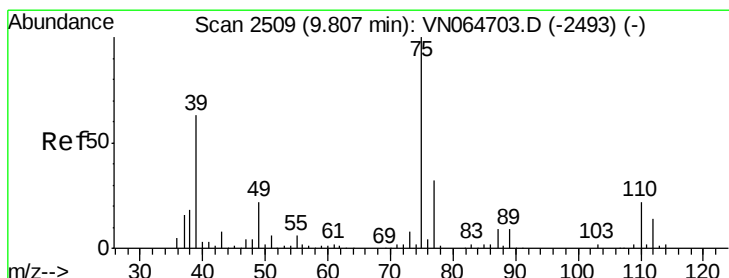
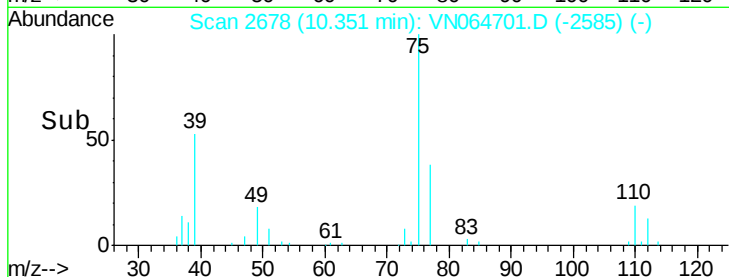
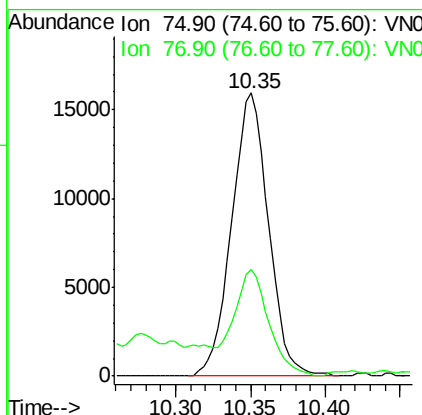
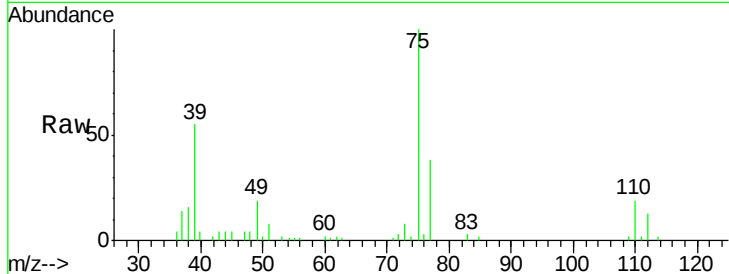
#53  
 t-1,3-Dichloropropene  
 Concen: 4.433 ug/l  
 RT: 10.35 min Scan# 2678  
 Delta R.T. -0.00 min  
 Lab File: VN064701.D  
 Acq: 18 Nov 2020 12:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tot Ion: 75 Resp: 27297  
 Ion Ratio Lower Upper  
 75 100  
 77 36.2 25.4 38.0

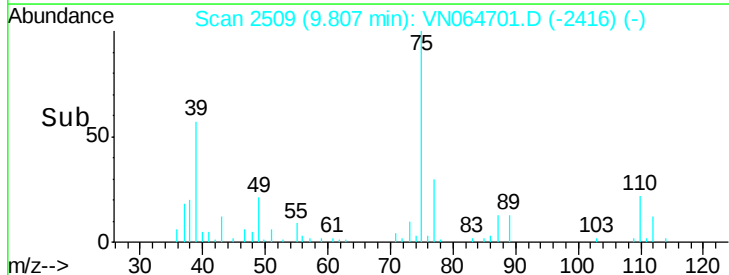
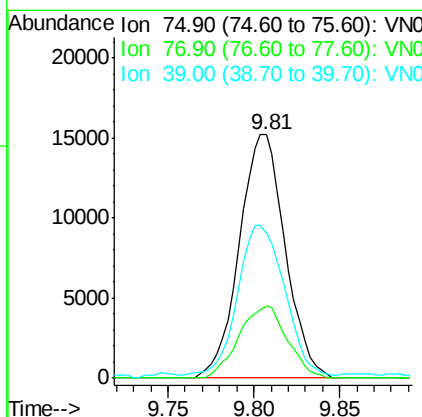
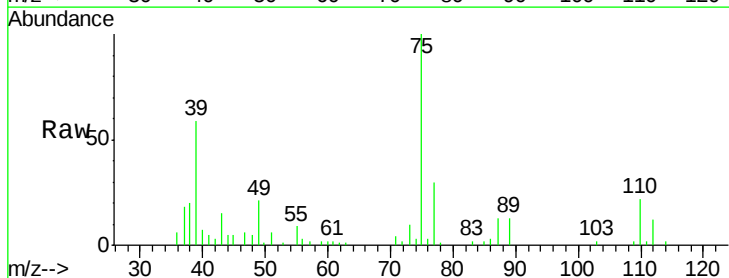
Manual Integrations  
 APPROVED

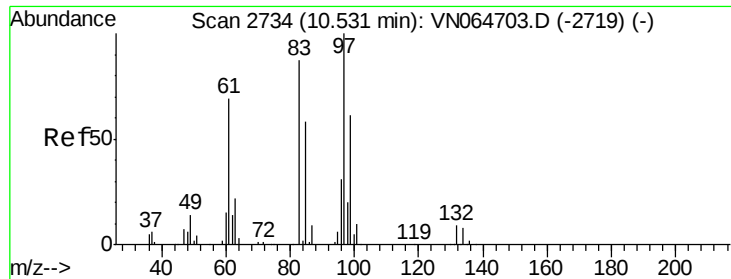
MMDadoda  
 11/19/2020 2:09:59 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 4.307 ug/l  
 RT: 9.81 min Scan# 2509  
 Delta R.T. -0.00 min  
 Lab File: VN064701.D  
 Acq: 18 Nov 2020 12:13

Tgt Ion: 75 Resp: 28213  
 Ion Ratio Lower Upper  
 75 100  
 77 29.8 25.8 38.8  
 39 58.2 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 4.455 ug/l

RT: 10.53 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

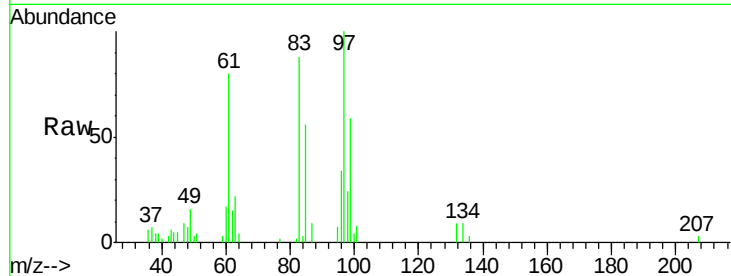
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 16356 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.2  | 69.6  | 104.4 |
| 85       | 55.9  | 46.6  | 70.0  |
| 99       | 59.3  | 48.9  | 73.3  |

Manual Integrations  
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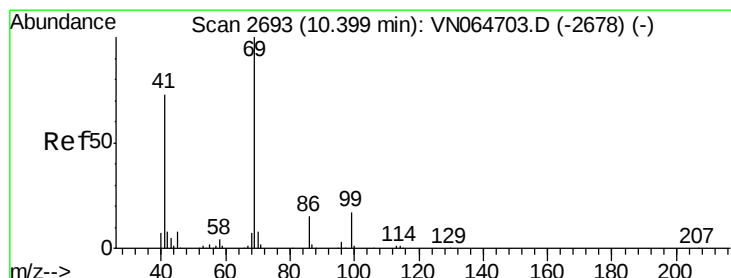
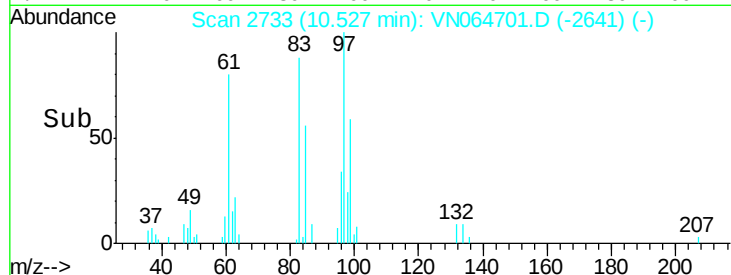
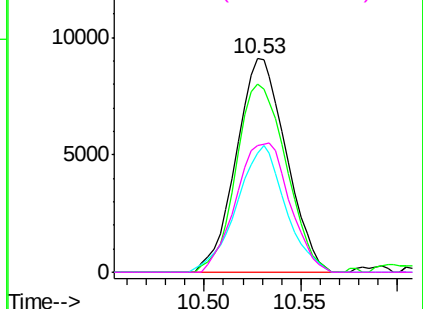


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 3.618 ug/l

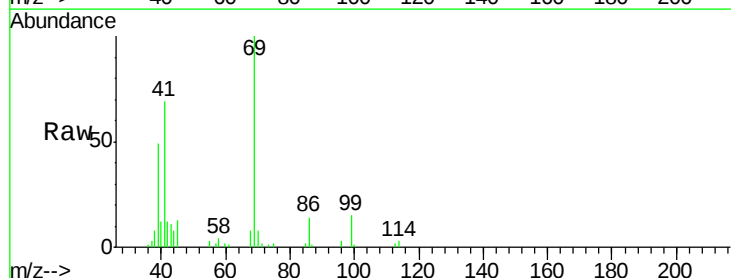
RT: 10.40 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

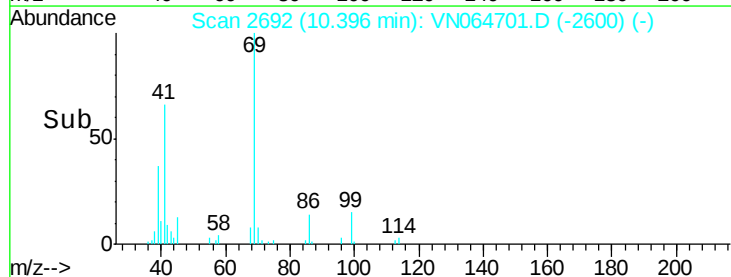
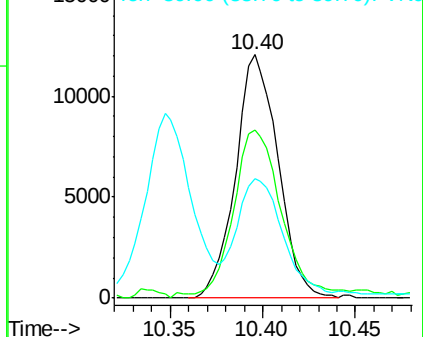
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 19151 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 79.4  | 59.0  | 88.4  |
| 39       | 52.6  | 38.4  | 57.6  |

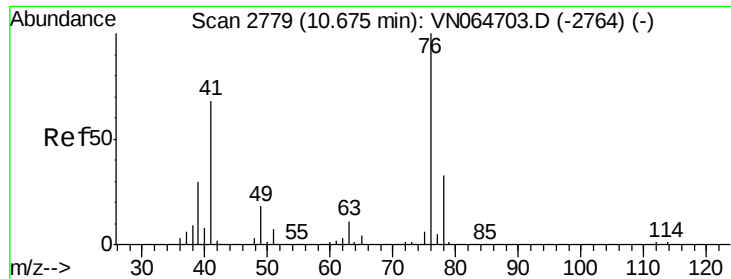


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





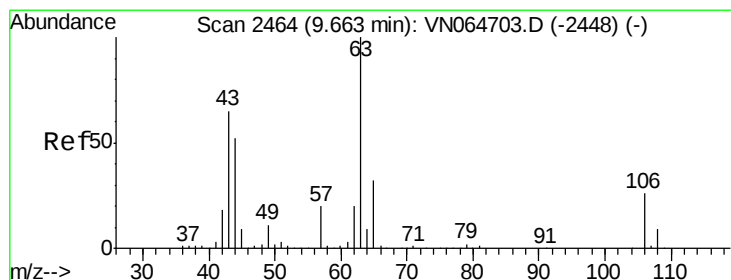
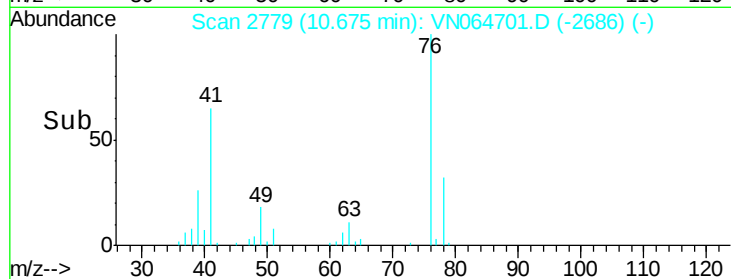
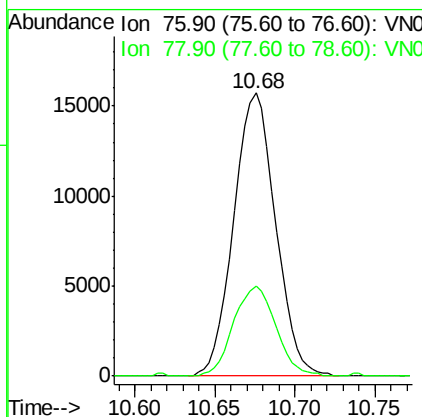
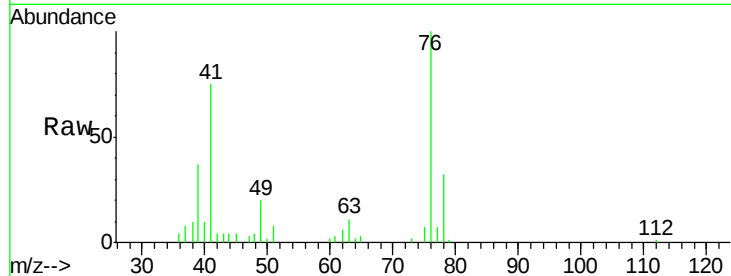
#57  
 1,3-Dichloropropane  
 Concen: 4.392 ug/l  
 RT: 10.68 min Scan# 2779  
 Delta R.T. -0.00 min  
 Lab File: VN064701.D  
 Acq: 18 Nov 2020 12:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tot Ion: 76 Resp: 28049  
 Ion Ratio Lower Upper  
 76 100  
 78 32.2 26.4 39.6

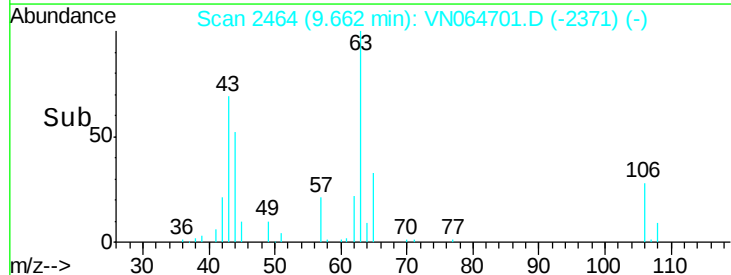
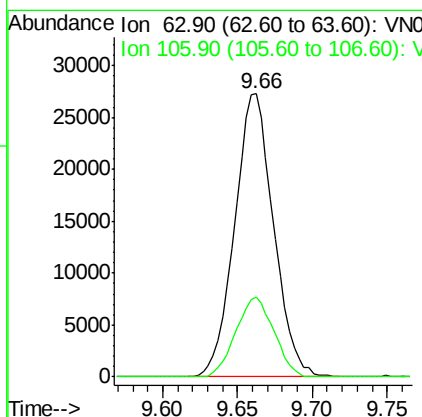
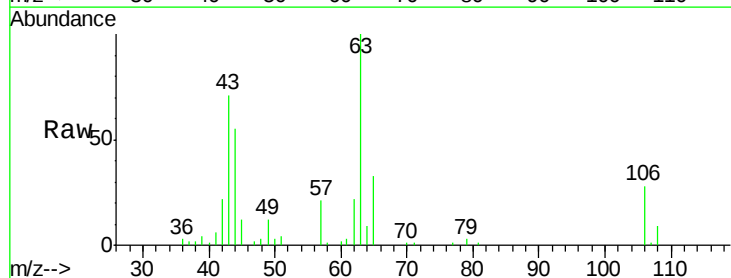
Manual Integrations  
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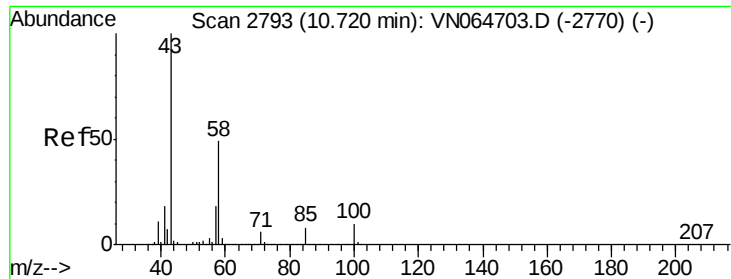
MMDadoda  
 11/19/2020 2:09:59 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 18.525 ug/l  
 RT: 9.66 min Scan# 2464  
 Delta R.T. -0.00 min  
 Lab File: VN064701.D  
 Acq: 18 Nov 2020 12:13

Tgt Ion: 63 Resp: 49421  
 Ion Ratio Lower Upper  
 63 100  
 106 27.4 20.9 31.3





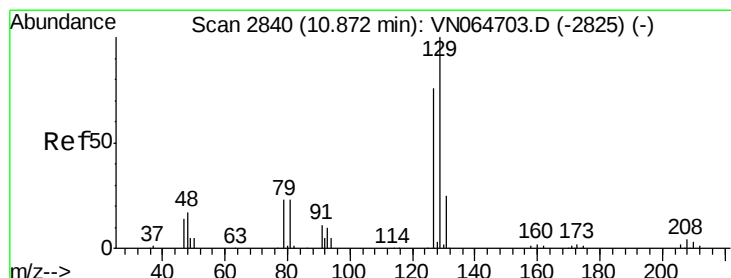
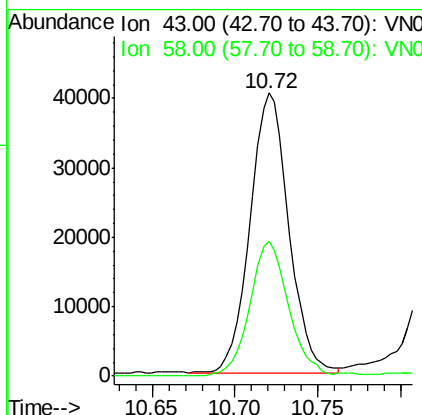
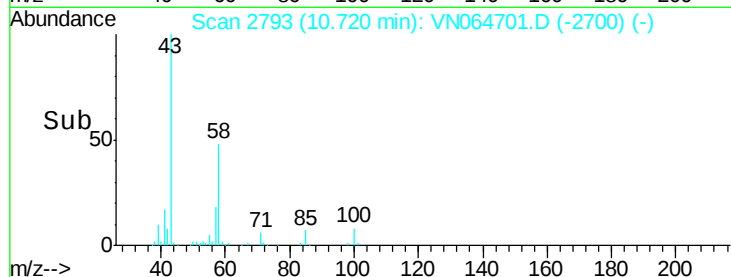
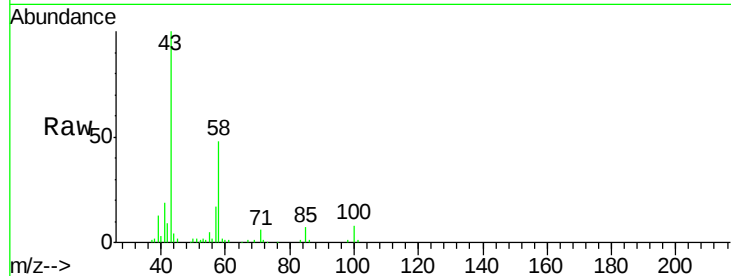
#59  
2-Hexanone  
Concen: 18.452 ug/l  
RT: 10.72 min Scan# 2793  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion: 43 Resp: 65297  
Ion Ratio Lower Upper  
43 100  
58 48.2 24.4 73.4

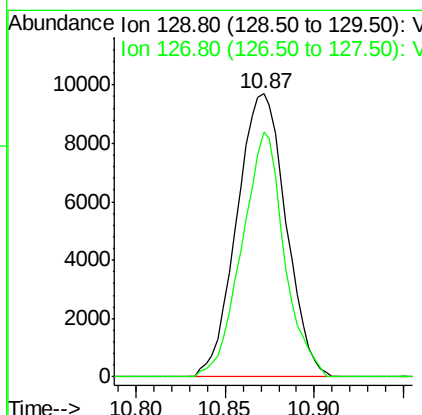
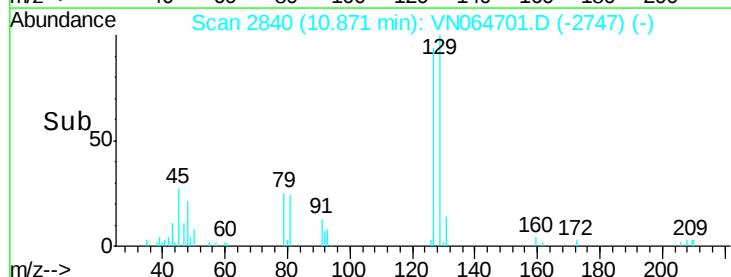
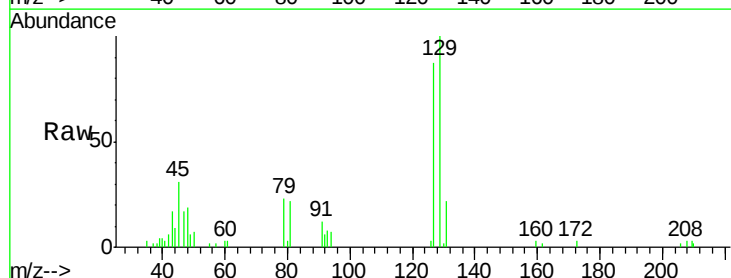
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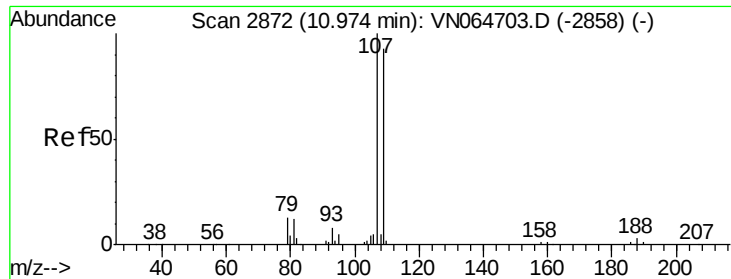
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#60  
Dibromochloromethane  
Concen: 4.533 ug/l  
RT: 10.87 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Tgt Ion: 129 Resp: 18624  
Ion Ratio Lower Upper  
129 100  
127 74.5 38.8 116.4





#61

1,2-Dibromoethane

Concen: 4.615 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 107 Resp: 17211

Ion Ratio Lower Upper

107 100

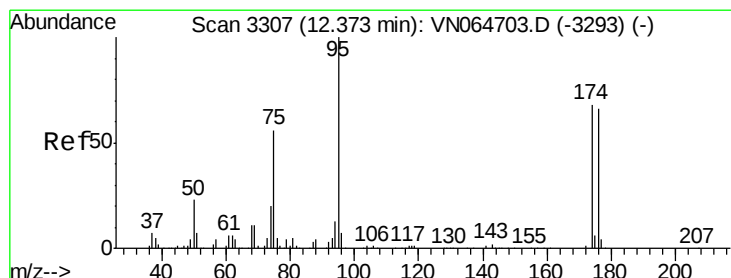
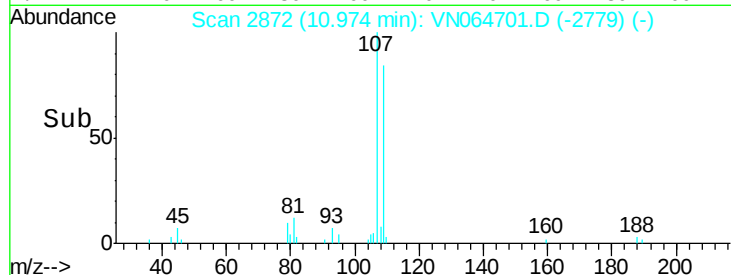
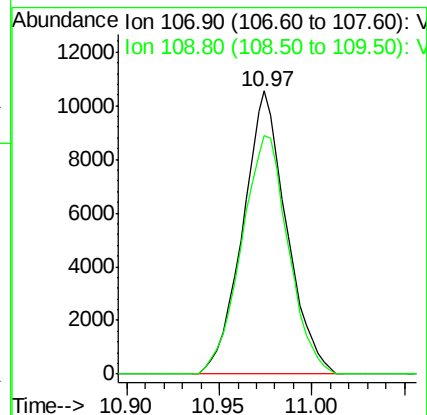
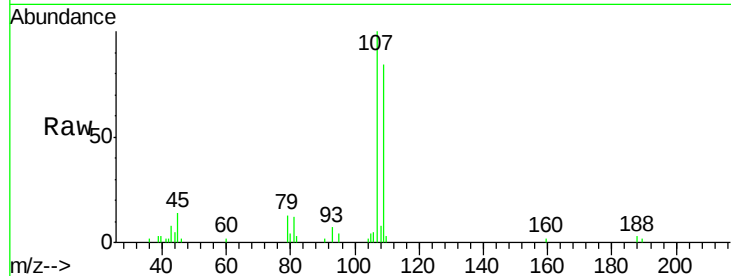
109 90.2 74.2 111.4

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 4.625 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

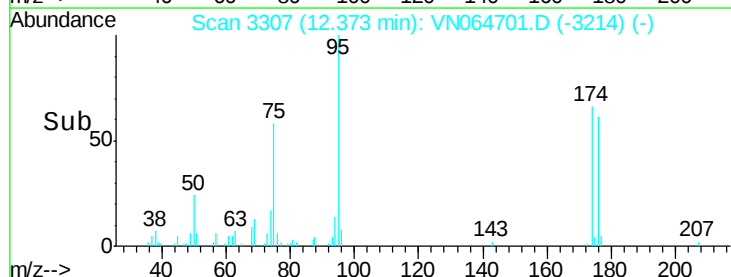
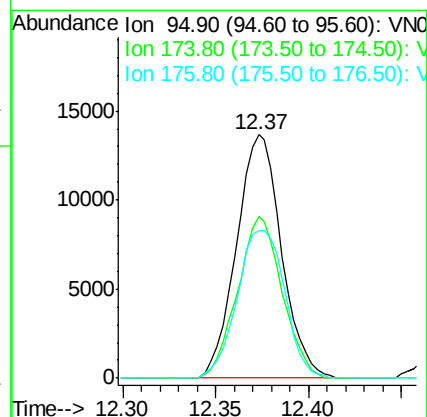
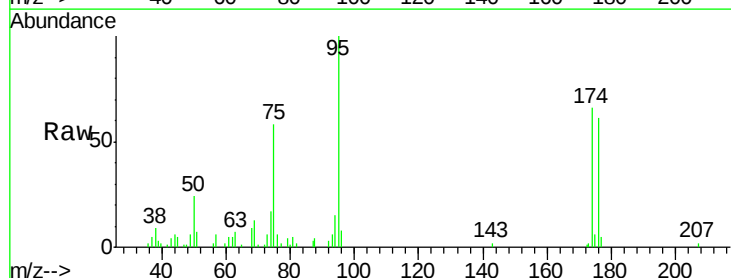
Tgt Ion: 95 Resp: 23026

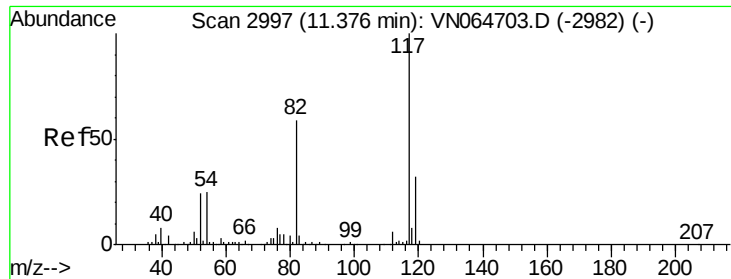
Ion Ratio Lower Upper

95 100

174 65.7 0.0 136.8

176 64.7 0.0 134.2





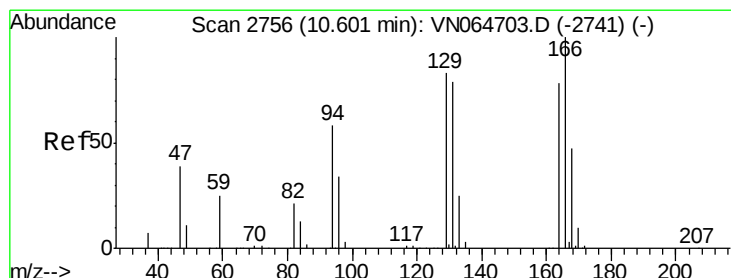
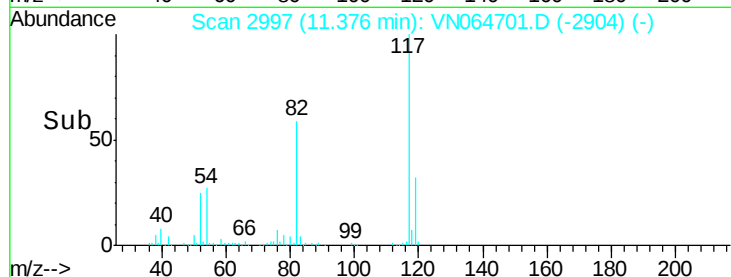
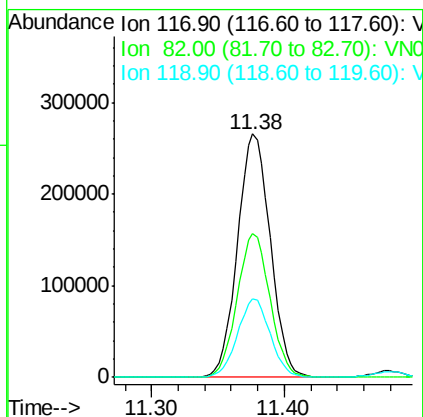
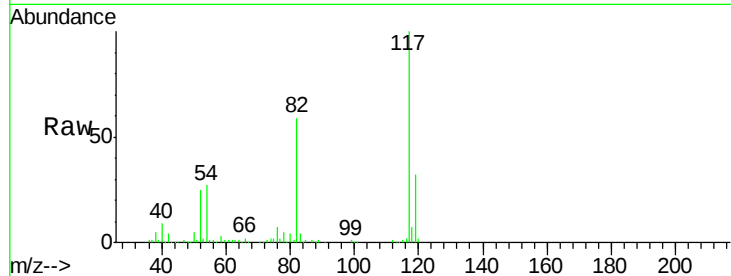
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2997  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 458317 |       |       |
| 82      | 59.2  | 47.0   | 70.6  |       |
| 119     | 32.1  | 25.4   | 38.2  |       |

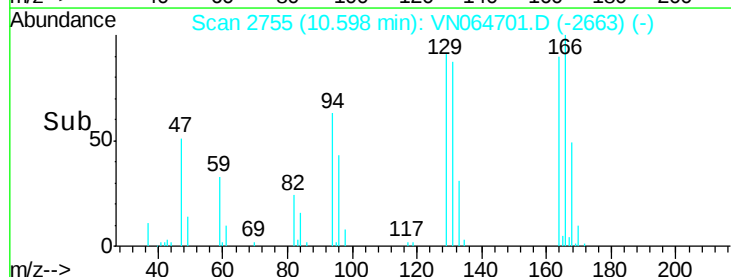
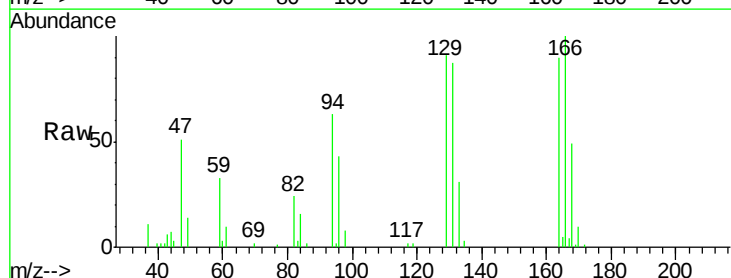
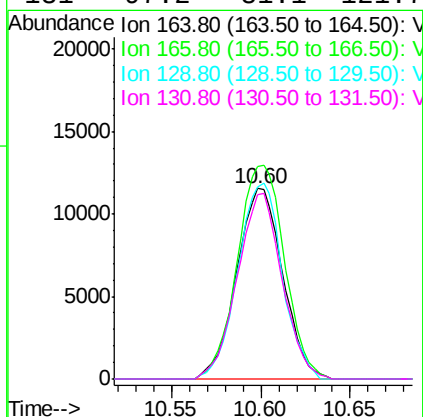
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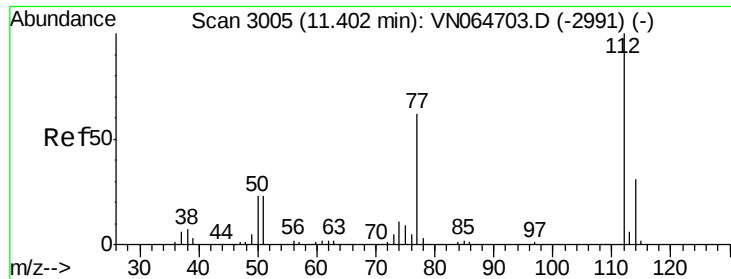
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#64  
Tetrachloroethene  
Concen: 5.794 ug/l  
RT: 10.60 min Scan# 2755  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 20780 |       |       |
| 166     | 111.7 | 102.2 | 153.4 |       |
| 129     | 101.3 | 84.7  | 127.1 |       |
| 131     | 97.2  | 81.1  | 121.7 |       |





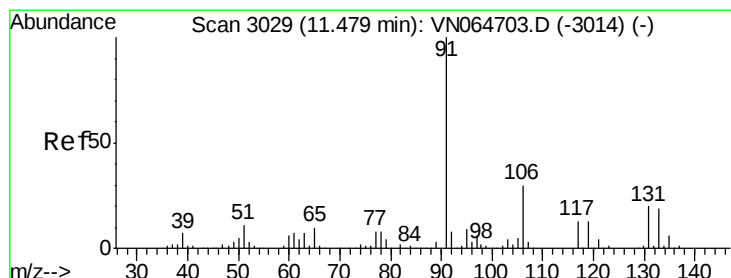
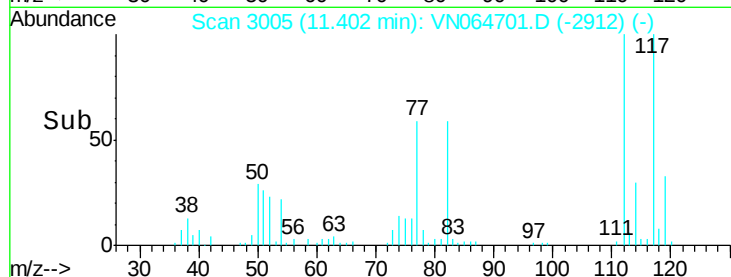
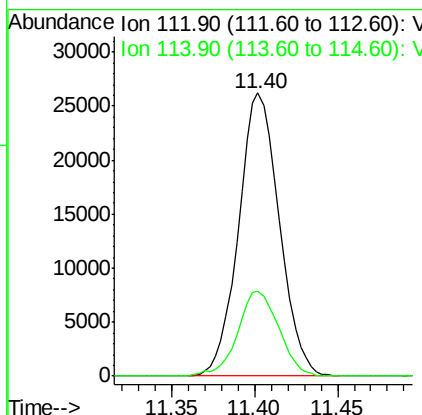
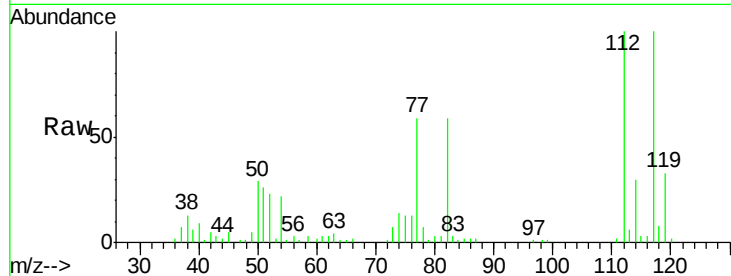
#65  
Chlorobenzene  
Concen: 4.507 ug/l  
RT: 11.40 min Scan# 3005  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion:112 Resp: 44720  
Ion Ratio Lower Upper  
112 100  
114 30.2 24.7 37.1

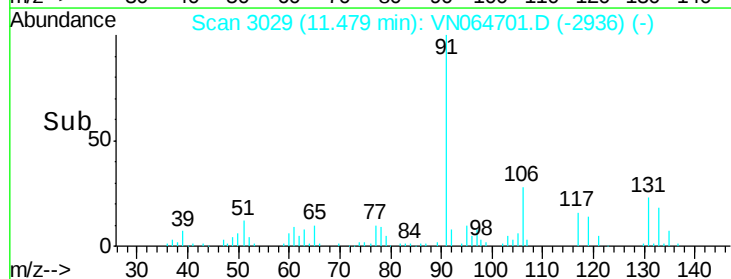
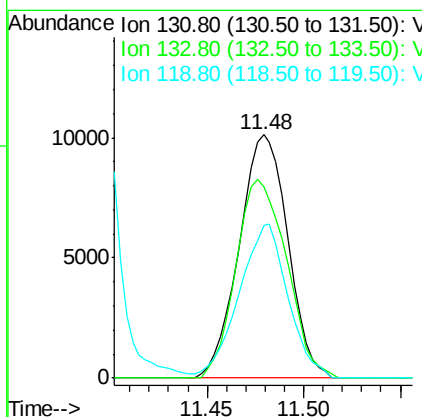
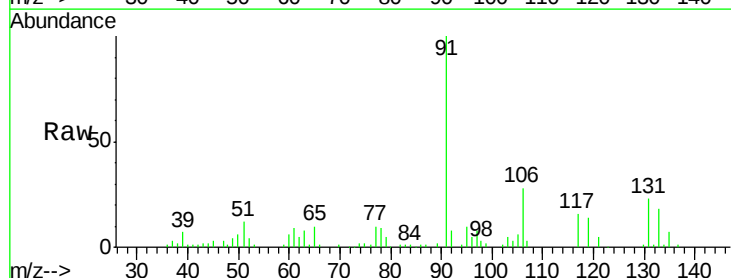
Manual Integrations  
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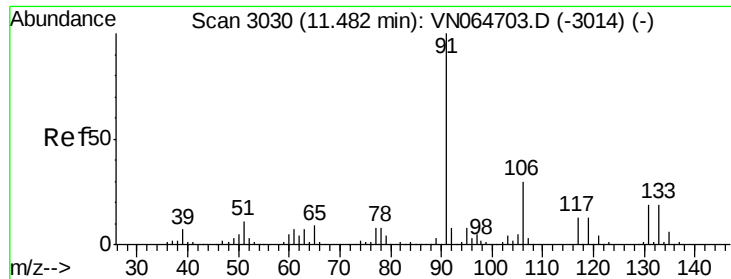
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.803 ug/l  
RT: 11.48 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Tgt Ion:131 Resp: 17716  
Ion Ratio Lower Upper  
131 100  
133 85.1 48.8 146.4  
119 63.8 33.5 100.4





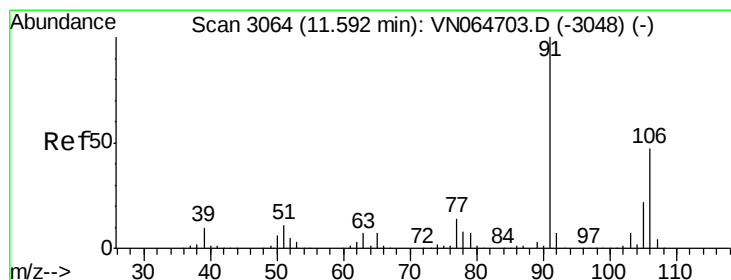
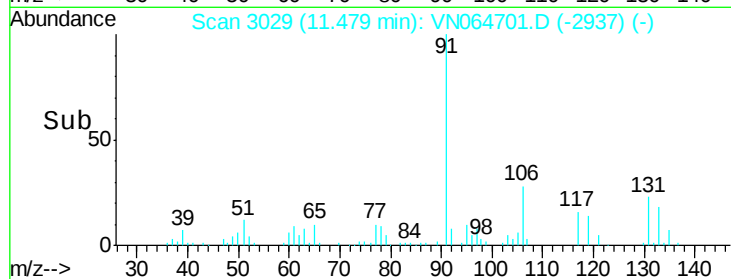
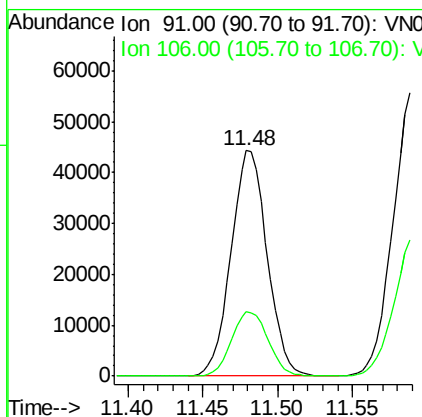
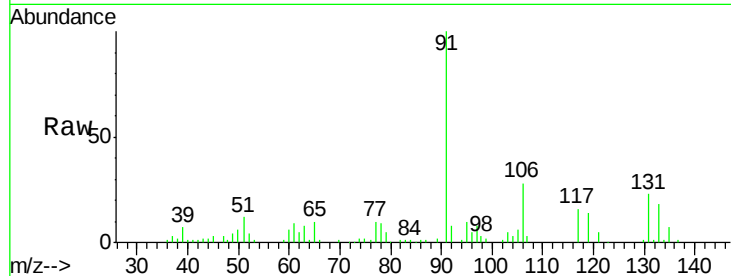
#67  
Ethyl Benzene  
Concen: 4.261 ug/l  
RT: 11.48 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion: 91 Resp: 74683  
Ion Ratio Lower Upper  
91 100  
106 28.4 23.9 35.9

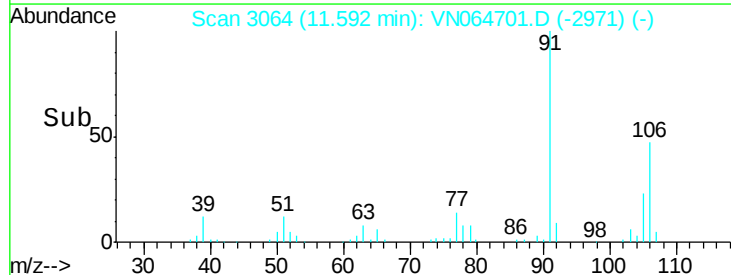
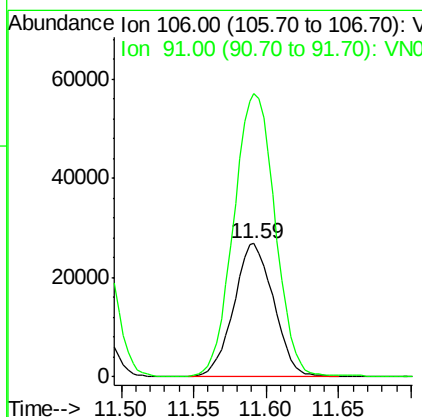
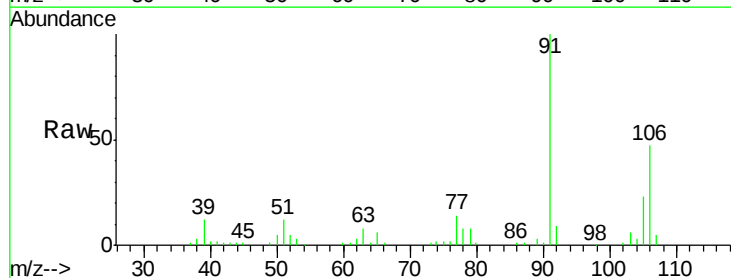
Manual Integrations  
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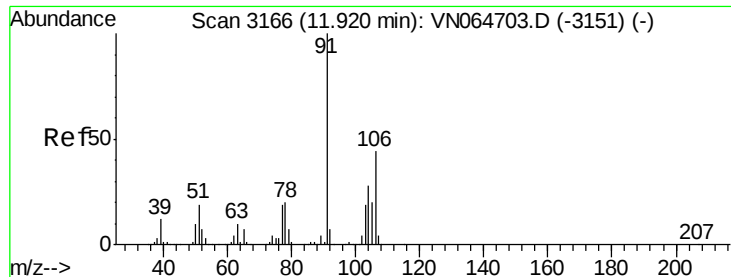
MMDadoda  
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#68  
m/p-Xylenes  
Concen: 8.059 ug/l  
RT: 11.59 min Scan# 3064  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Tgt Ion: 106 Resp: 51386  
Ion Ratio Lower Upper  
106 100  
91 218.2 171.9 257.9





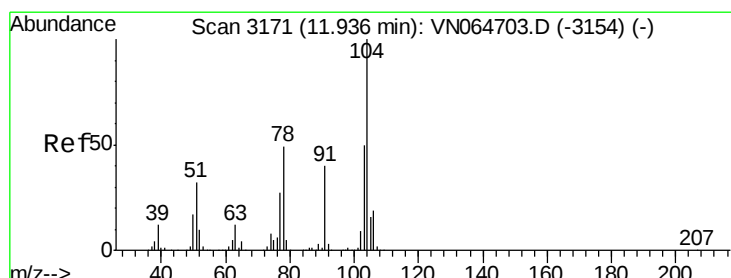
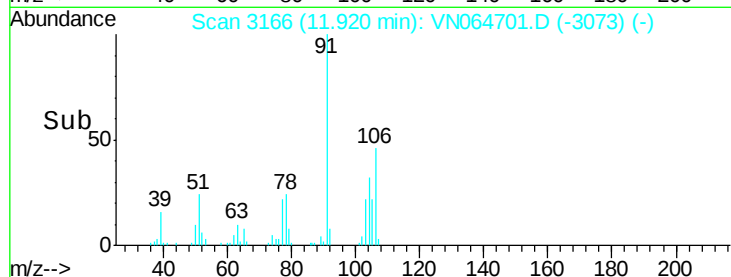
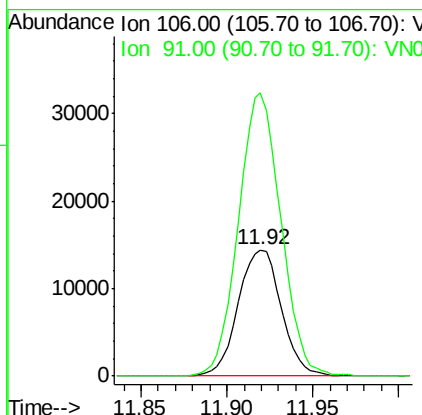
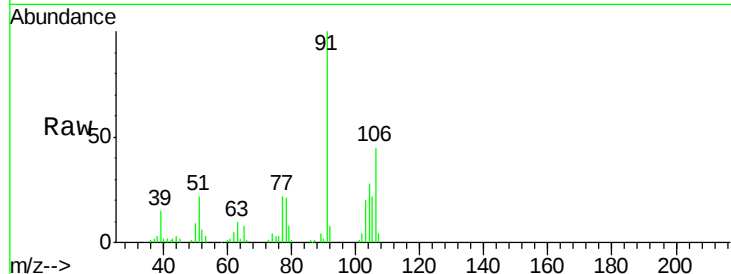
#69  
o-Xylene  
Concen: 4.078 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 221.5 | 112.1 | 336.3 |

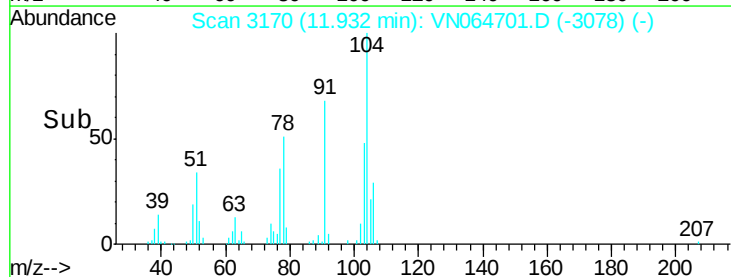
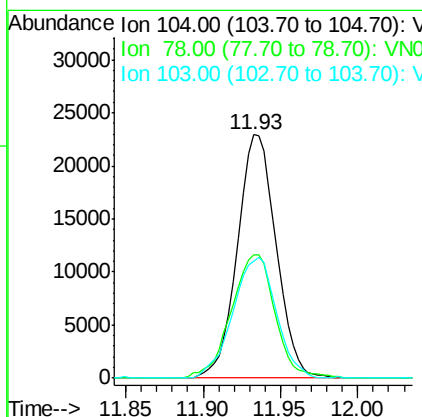
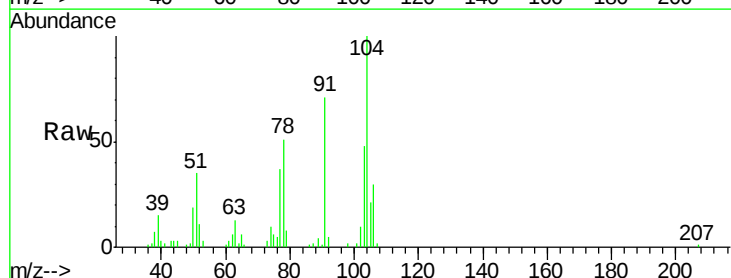
Manual Integrations  
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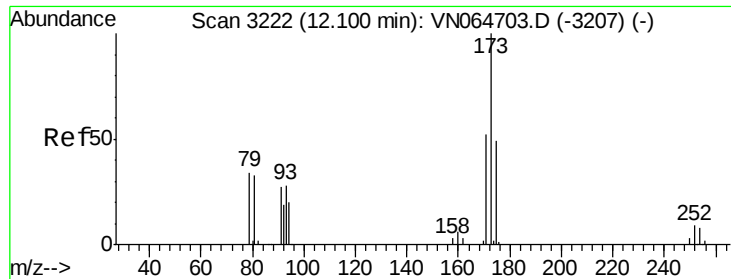
MMDadoda  
11/19/2020 2:09:59 PM



#70  
Styrene  
Concen: 3.863 ug/l  
RT: 11.93 min Scan# 3170  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 57.3  | 44.1  | 66.1  |
| 103     | 55.4  | 43.7  | 65.5  |





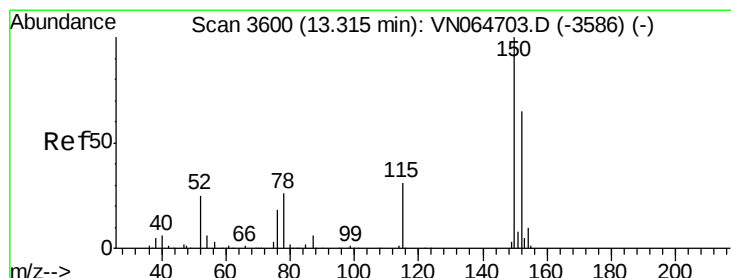
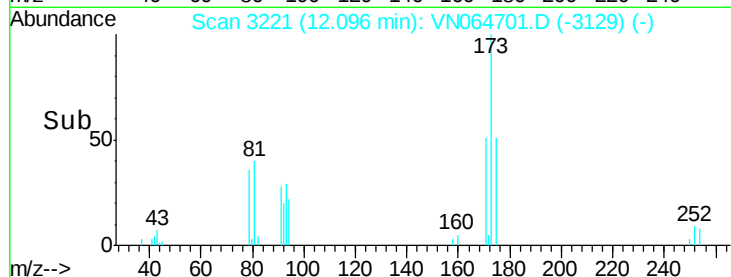
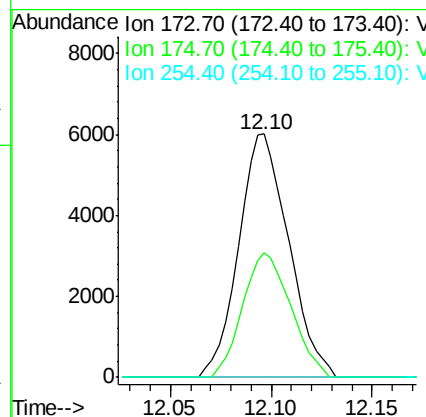
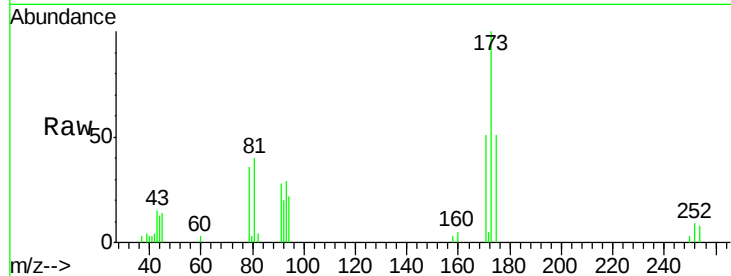
#71  
Bromoform  
Concen: 4.190 ug/l  
RT: 12.10 min Scan# 3221  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.4  | 24.3  | 72.9  |
| 254     | 0.0   | 0.1   | 0.1#  |

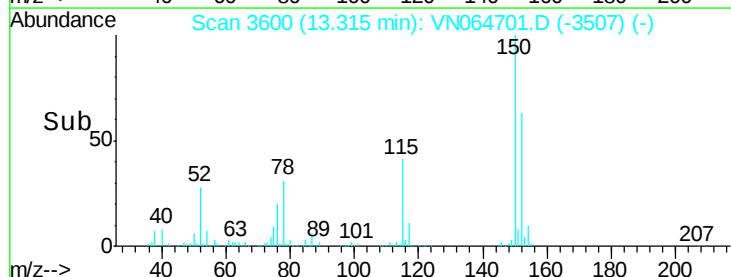
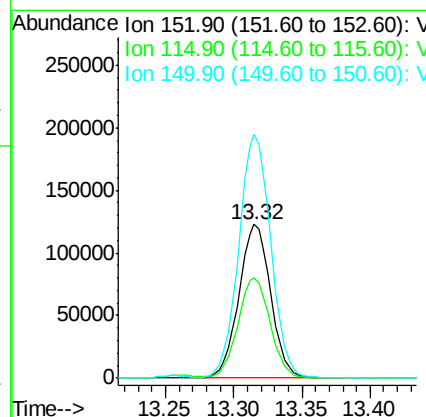
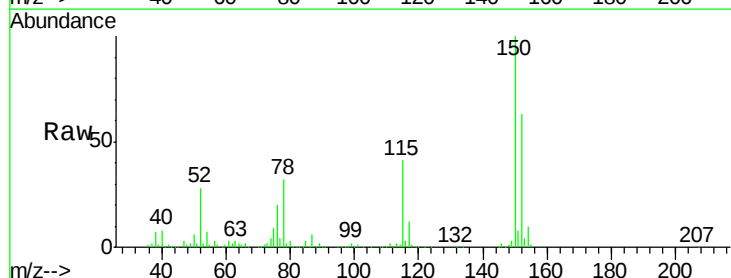
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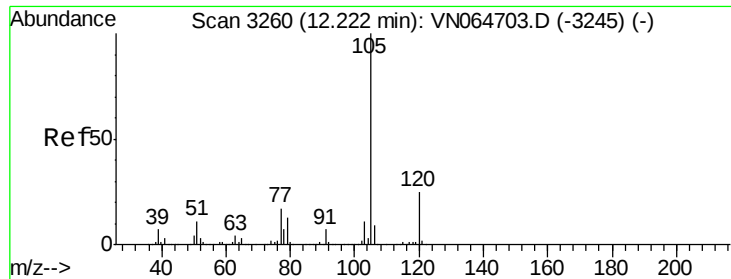
MMDadoda  
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3600  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 65.8  | 32.1  | 96.3  |
| 150     | 159.4 | 0.0   | 344.8 |





#73

Isopropylbenzene

Concen: 4.106 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 63008

Ion Ratio Lower Upper

105 100

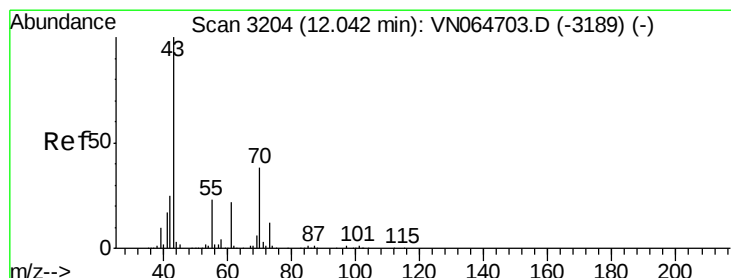
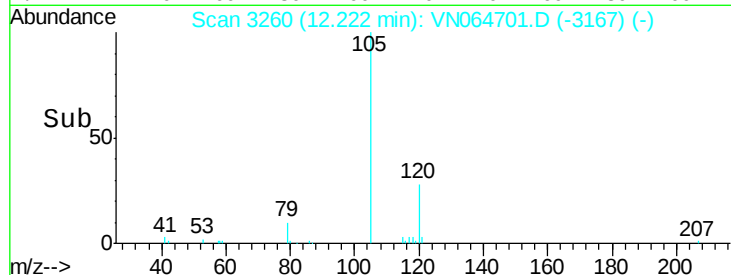
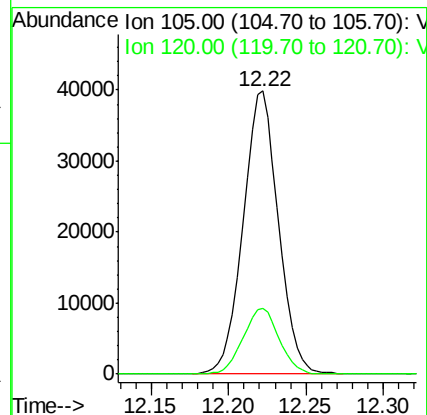
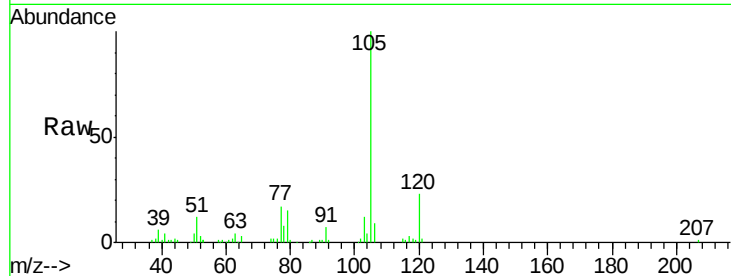
120 23.8 12.8 38.3

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#74

N-ethyl acetate

Concen: 4.292 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Tgt Ion: 43 Resp: 28757

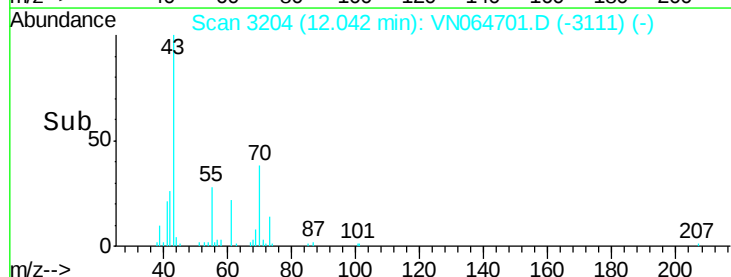
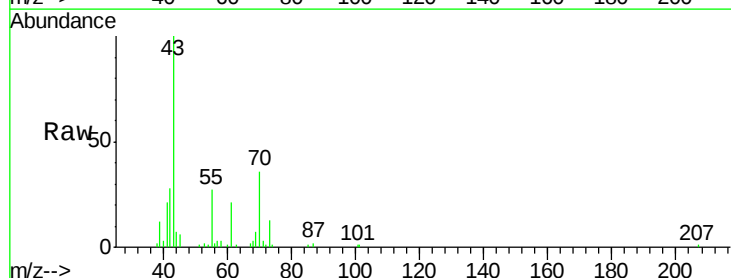
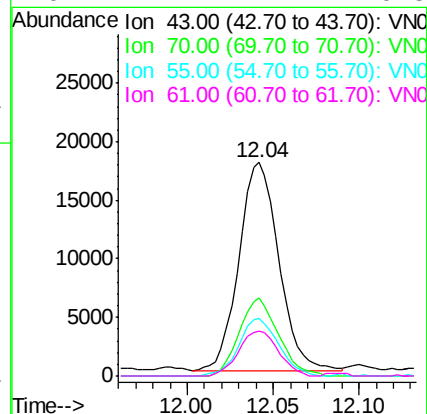
Ion Ratio Lower Upper

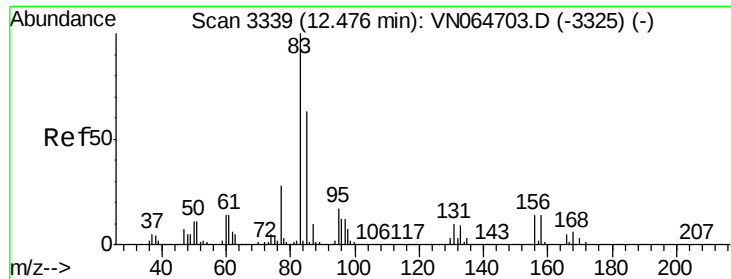
43 100

70 36.6 30.3 45.5

55 27.4 18.9 28.3

61 21.4 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 3.865 ug/l

RT: 12.47 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

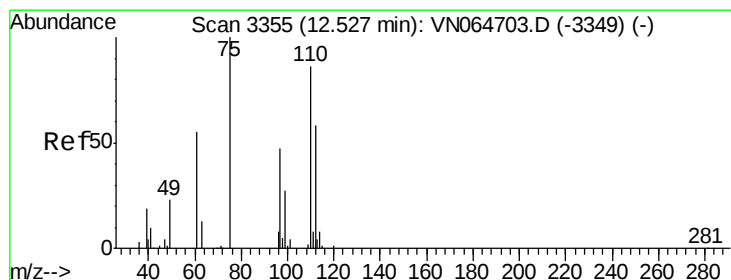
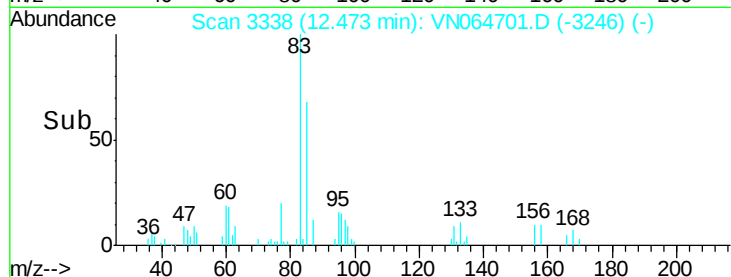
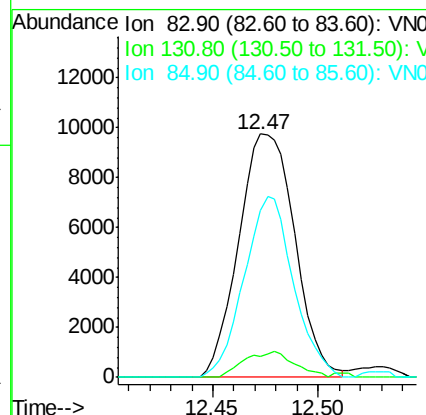
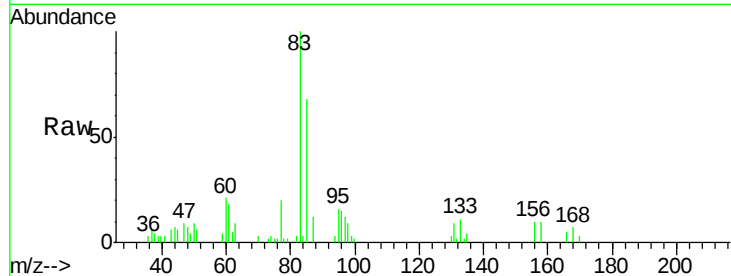
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 18059 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 9.6   | 5.0   | 15.0  |
| 85        | 65.3  | 31.8  | 95.4  |

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#76

1,2,3-Trichloropropane

Concen: 4.437 ug/l m

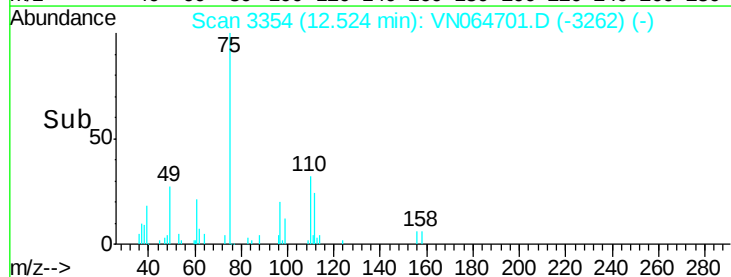
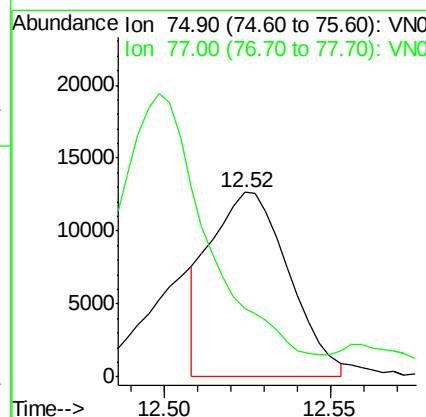
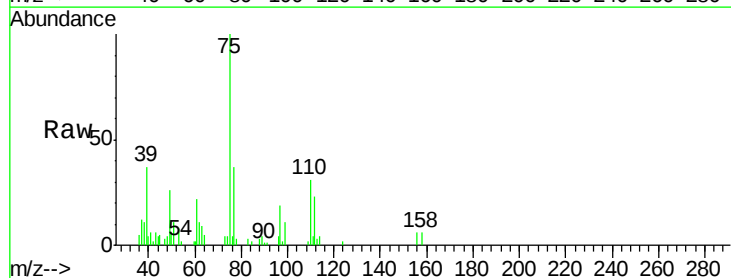
RT: 12.52 min Scan# 3354

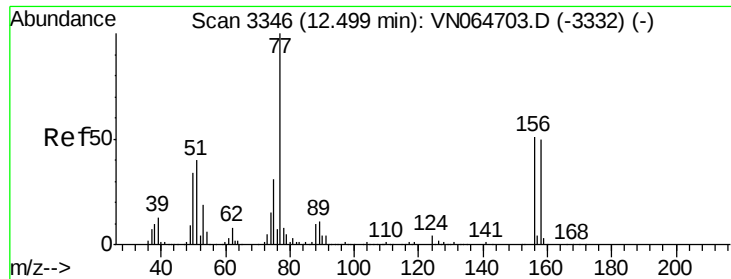
Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 20781 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 4.349 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

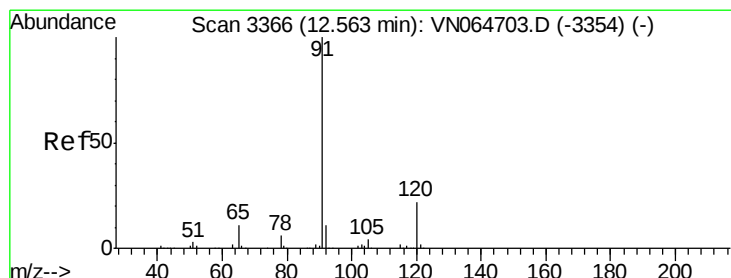
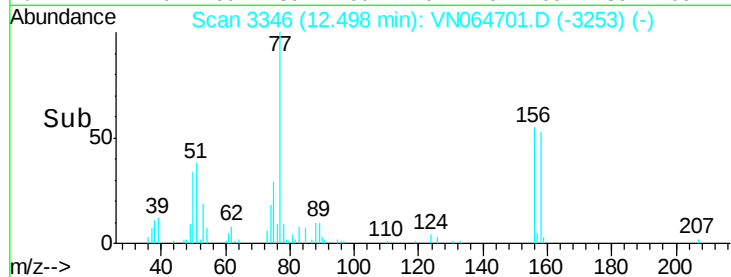
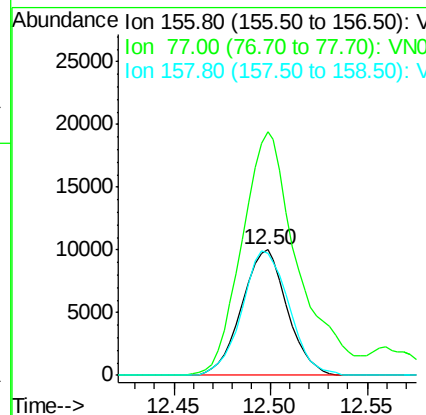
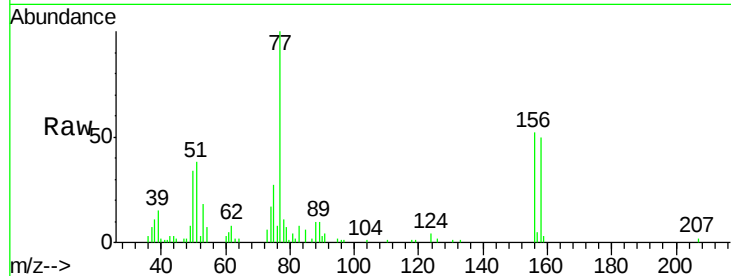
ClientSampleId :

VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 238.7 | 117.3 | 351.9 |
| 158     | 102.0 | 49.0  | 147.2 |

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#78

n-propylbenzene

Concen: 4.285 ug/l

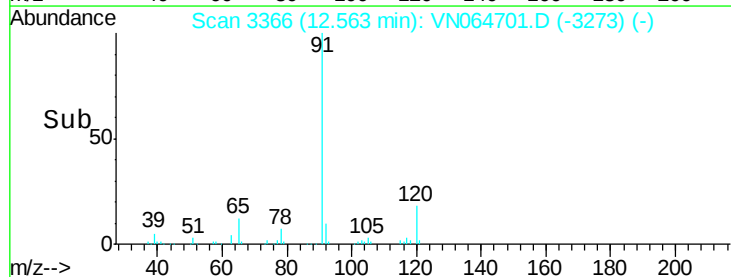
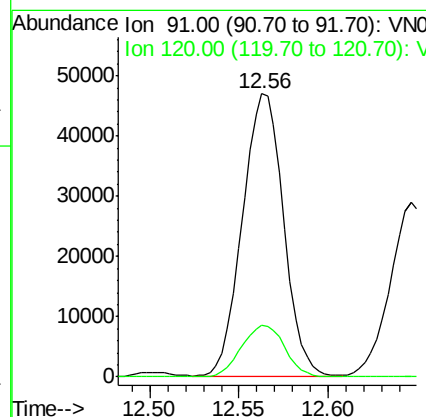
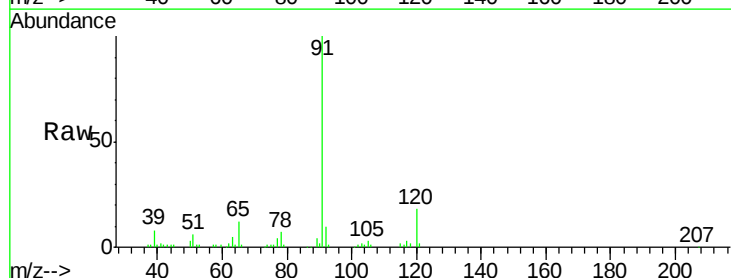
RT: 12.56 min Scan# 3366

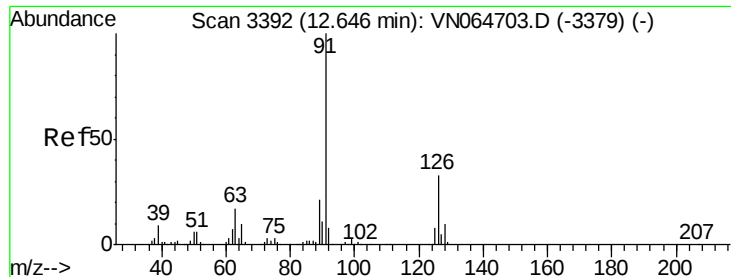
Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 19.1  | 10.9  | 32.9  |





#79

2-Chlorotoluene

Concen: 4.245 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 47401

Ion Ratio Lower Upper

91 100

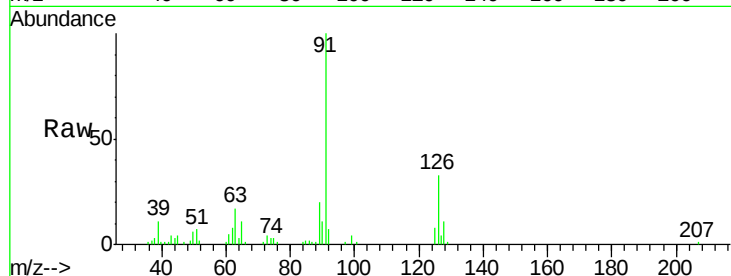
126 31.7 16.0 48.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN064701.D (-3392) (-)

Ion 125.90 (125.60 to 126.60): VN064701.D (-3392) (-)

12.65

12.65

12.65

12.65

12.65

12.65

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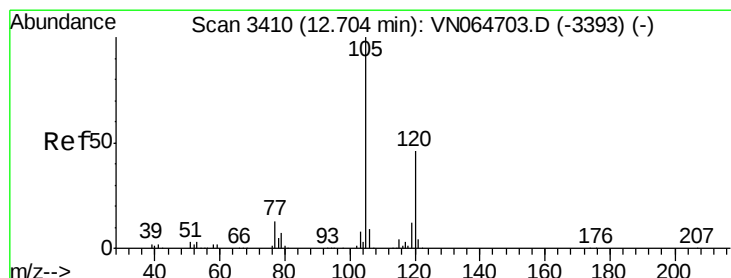
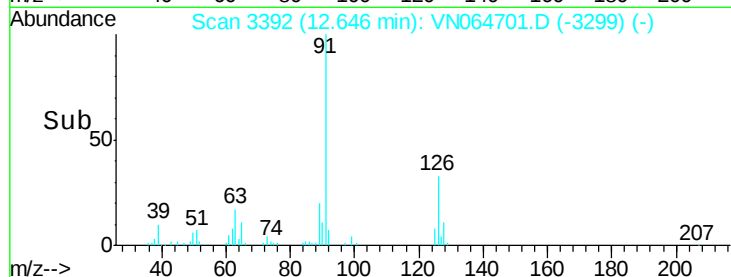
12.65

12.65

12.65

12.65

12.65



#80

1,3,5-Trimethylbenzene

Concen: 4.015 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064701.D

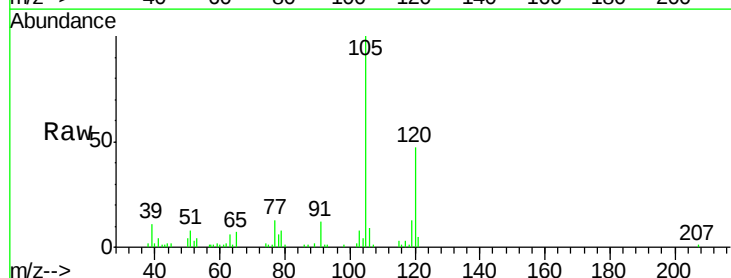
Acq: 18 Nov 2020 12:13

Tgt Ion:105 Resp: 51041

Ion Ratio Lower Upper

105 100

120 45.3 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064701.D (-3410) (-)

Ion 120.00 (119.70 to 120.70): VN064701.D (-3410) (-)

12.70

12.70

12.70

12.70

12.70

12.70

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12.70

12.70

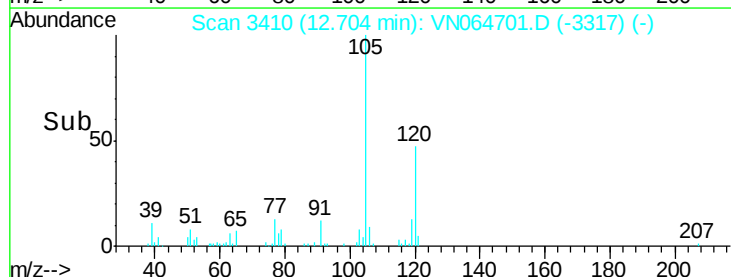
12.70

12.70

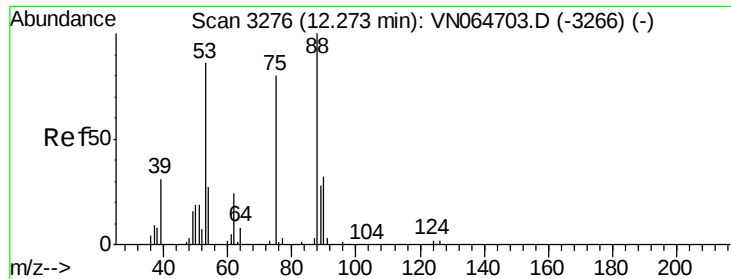
12.70

12.70

12.70



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 3.435 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

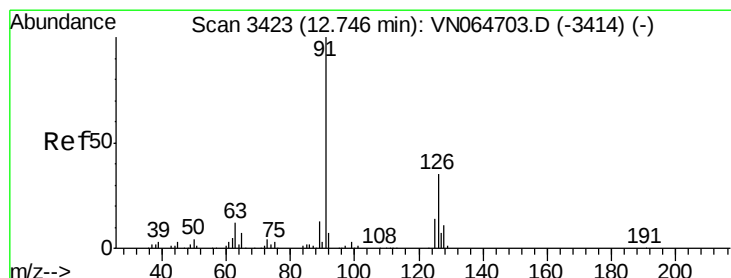
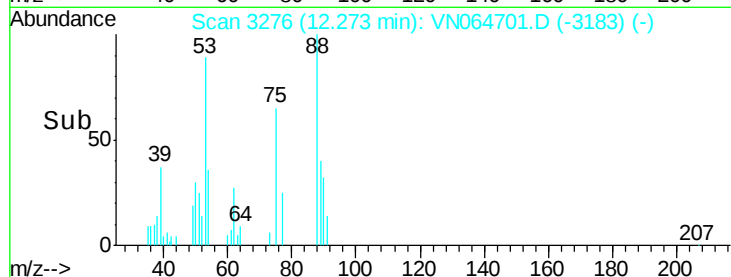
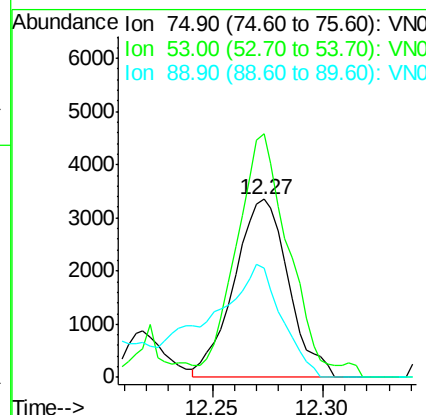
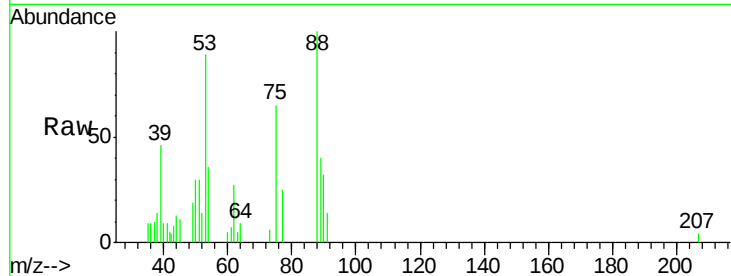
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 5728  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 120.1 | 88.8  | 133.2 |
| 89       | 84.1  | 43.1  | 64.7# |

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#82

4-Chlorotoluene

Concen: 4.290 ug/l

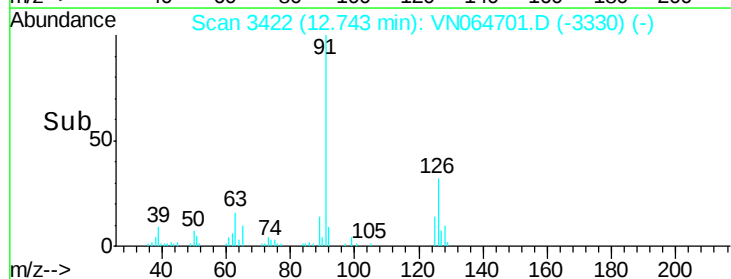
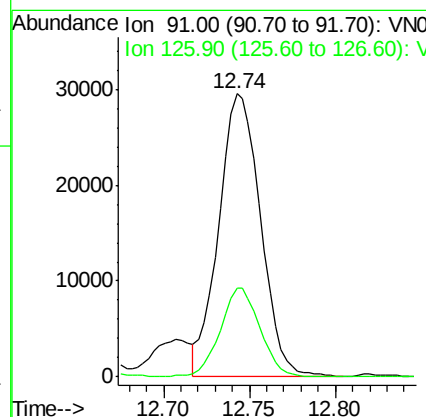
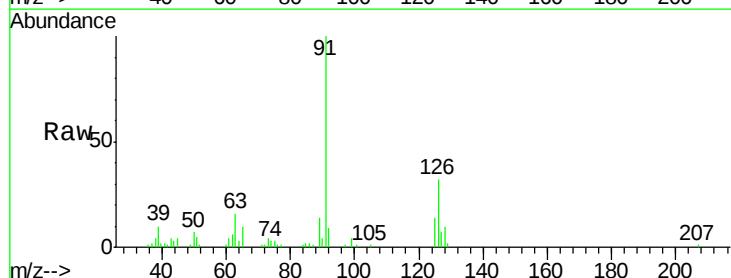
RT: 12.74 min Scan# 3422

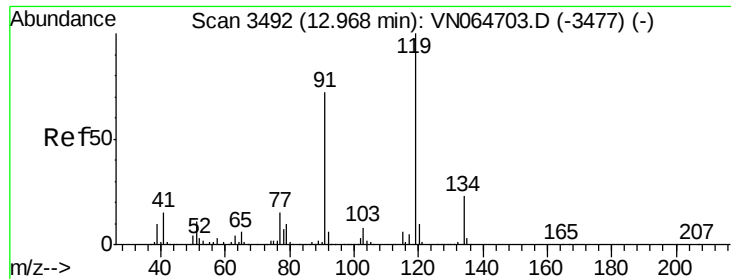
Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 50125 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 126      | 29.8  | 15.9  | 47.7  |





#83

tert-Butylbenzene

Concen: 3.957 ug/l

RT: 12.96 min Scan# 3491

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

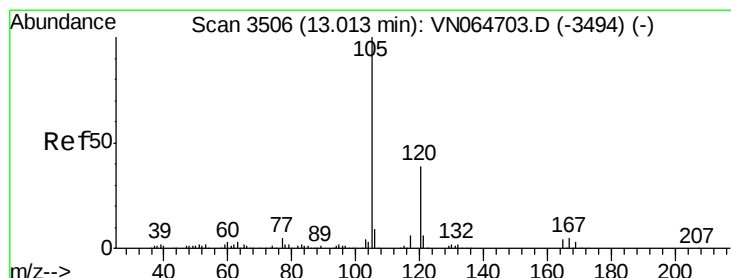
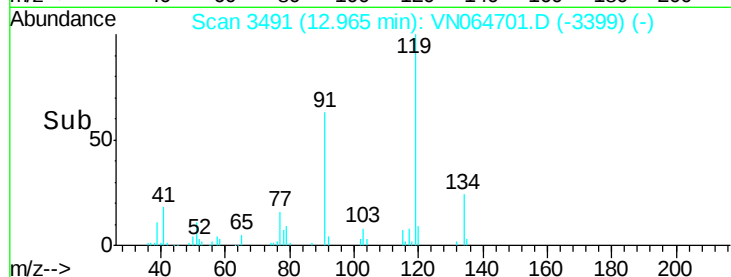
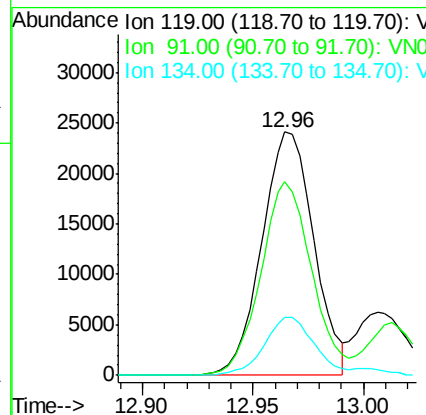
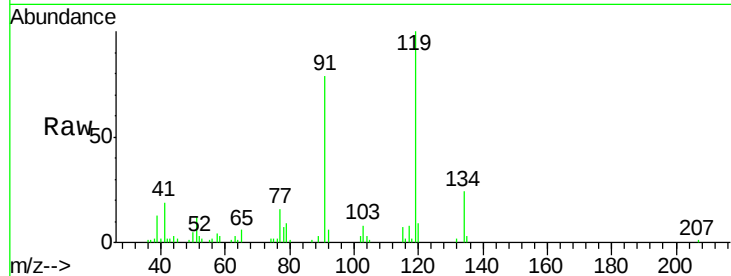
ClientSampleId :

VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 78.0  | 35.8  | 107.4 |
| 134     | 22.8  | 12.0  | 36.1  |

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#84

1,2,4-Trimethylbenzene

Concen: 3.903 ug/l

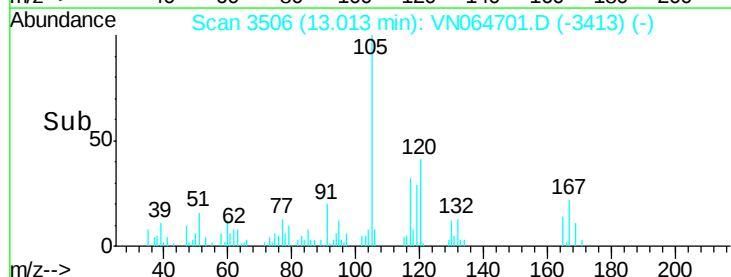
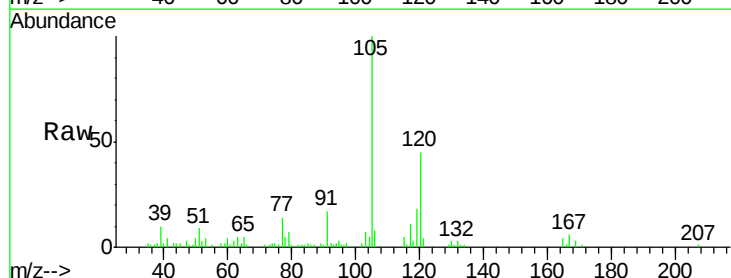
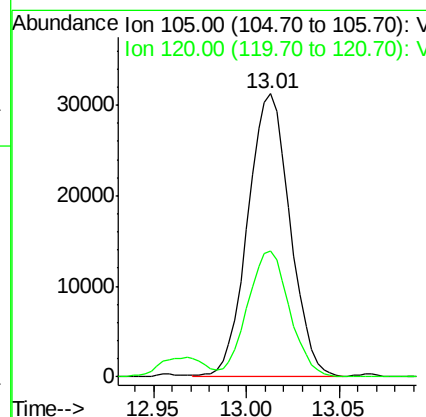
RT: 13.01 min Scan# 3506

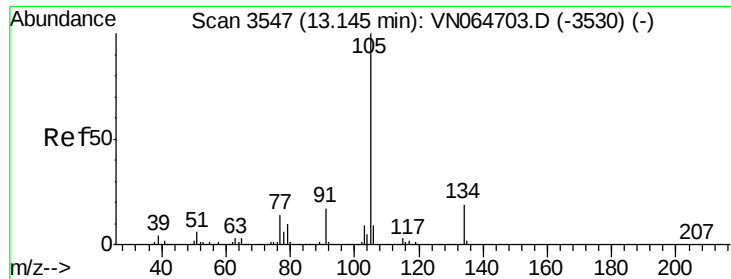
Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.2  | 22.0  | 66.0  |





#85

sec-Butylbenzene

Concen: 4.260 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 53698

Ion Ratio Lower Upper

105 100

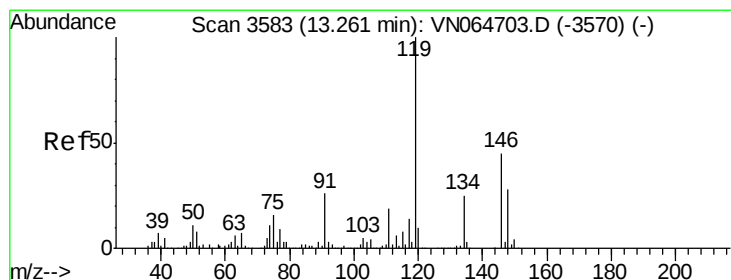
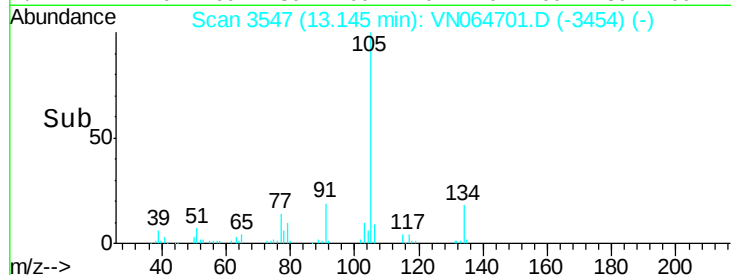
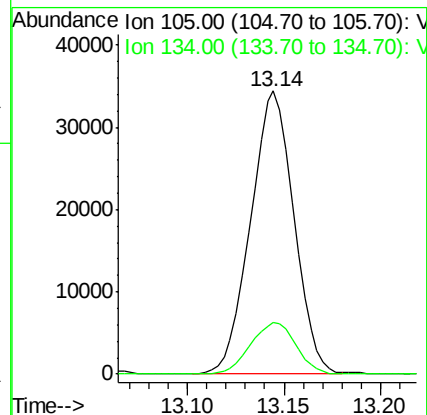
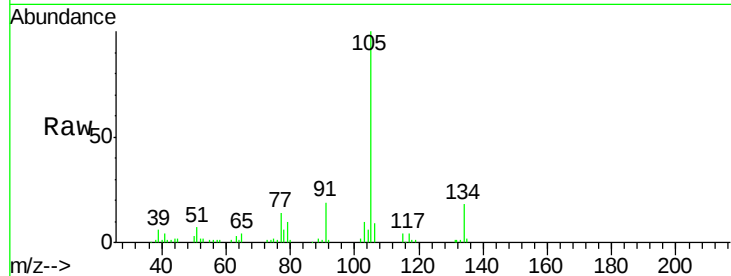
134 18.9 9.5 28.5

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#86

p-Isopropyltoluene

Concen: 4.179 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

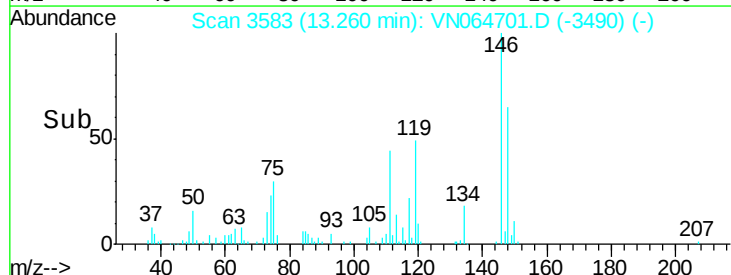
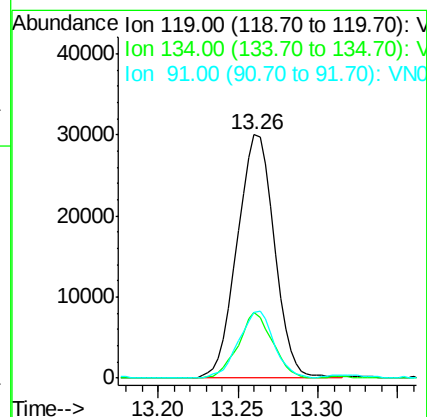
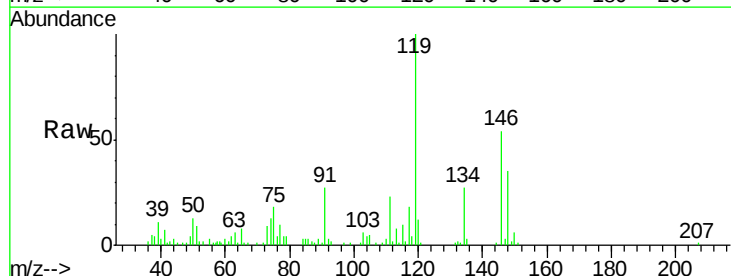
Tgt Ion:119 Resp: 47525

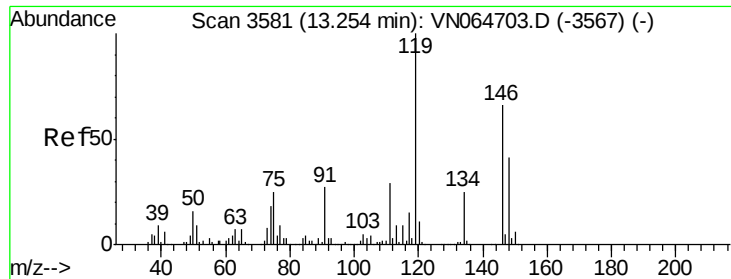
Ion Ratio Lower Upper

119 100

134 24.6 12.7 38.0

91 26.1 13.3 39.8





#87

1,3-Dichlorobenzene

Concen: 4.390 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064701.D

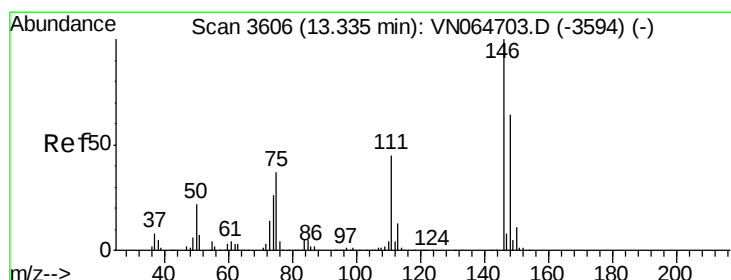
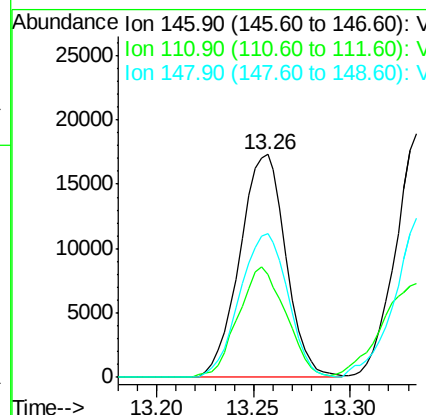
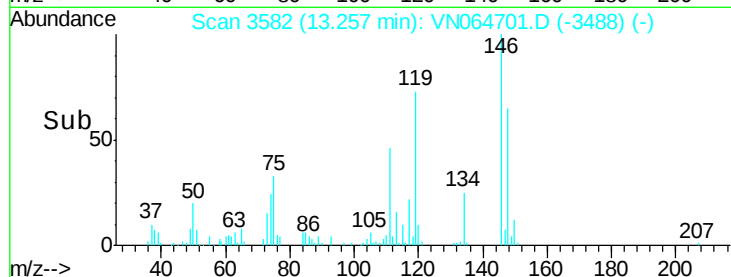
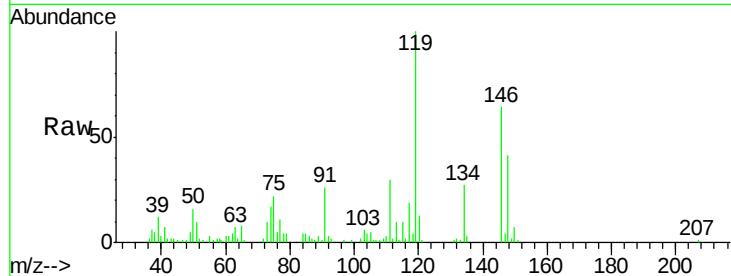
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 51.1  | 21.8  | 65.4  |
| 148     | 67.1  | 31.5  | 94.5  |

Manual Integrations  
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#88

1,4-Dichlorobenzene

Concen: 4.530 ug/l

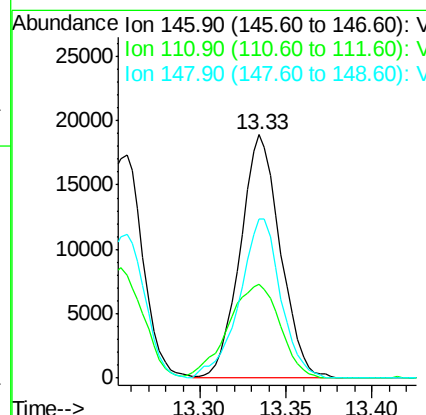
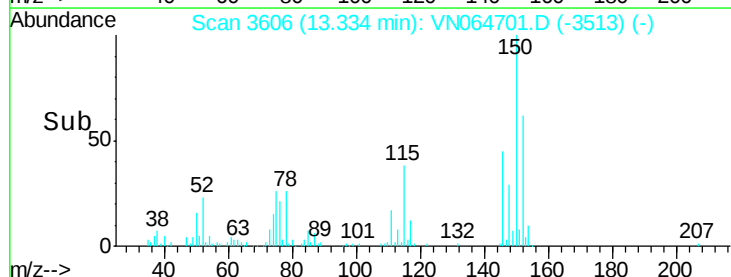
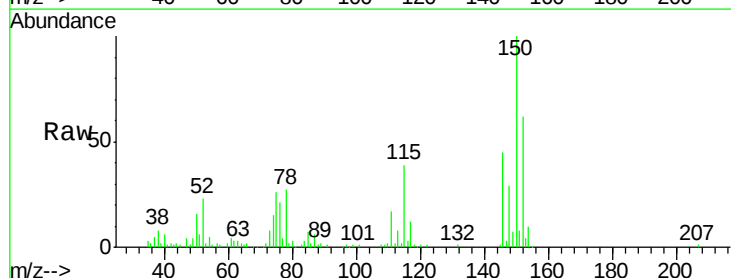
RT: 13.33 min Scan# 3606

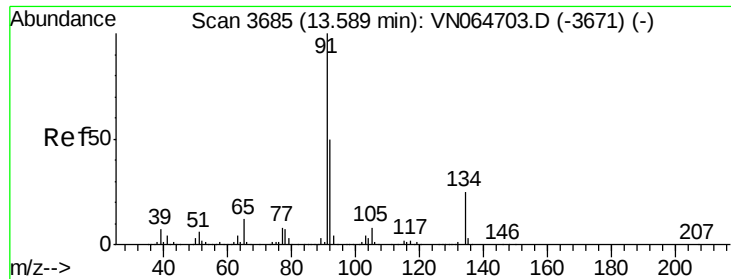
Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 50.0  | 22.3  | 66.8  |
| 148     | 67.3  | 31.6  | 94.7  |





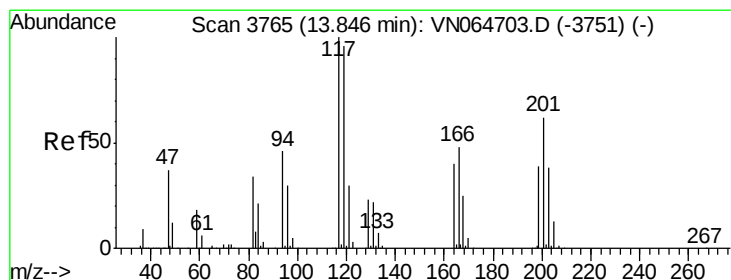
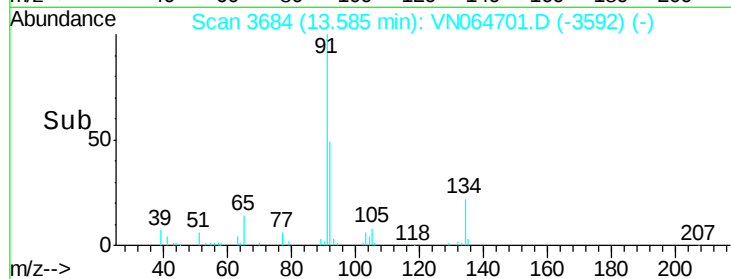
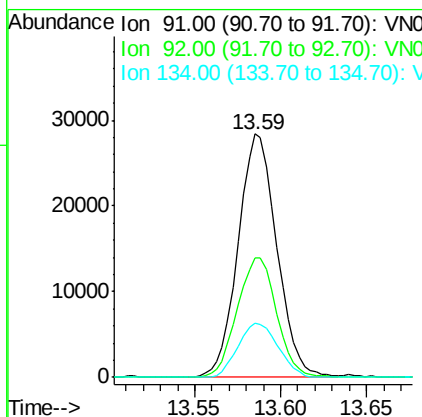
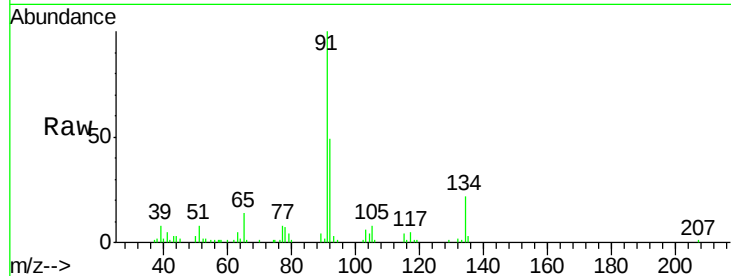
#89  
n-Butylbenzene  
Concen: 4.515 ug/l  
RT: 13.59 min Scan# 3684  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 49.9  | 24.9  | 74.8  |
| 134     | 22.9  | 12.0  | 36.0  |

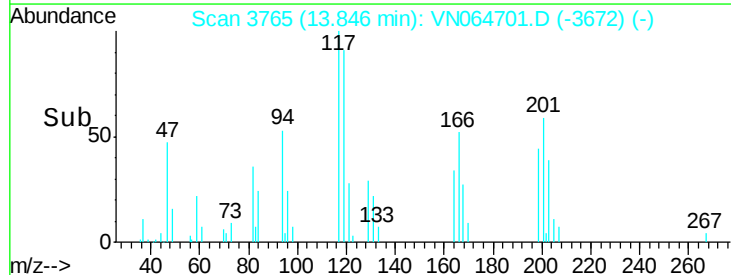
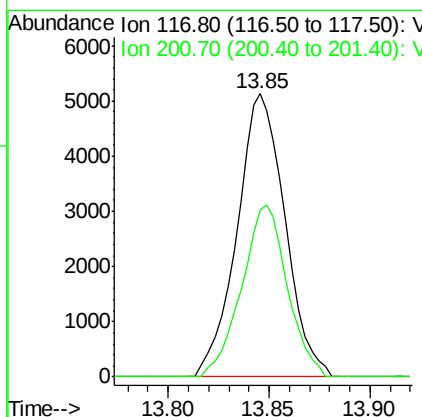
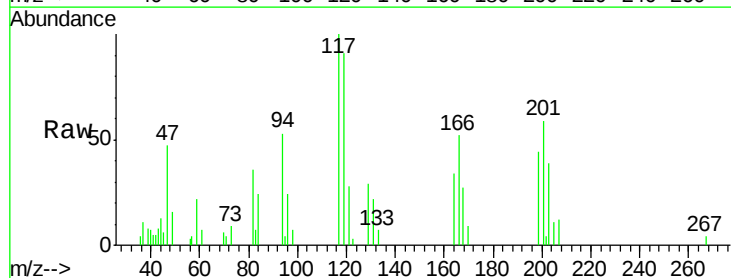
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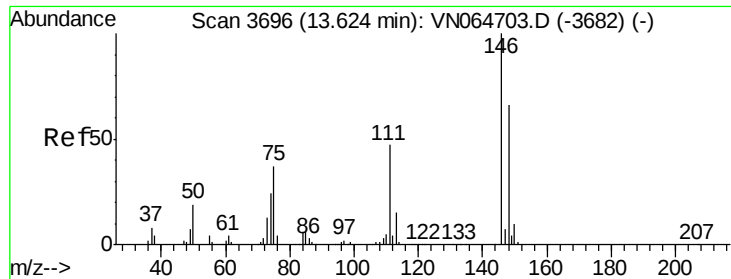
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#90  
Hexachloroethane  
Concen: 3.964 ug/l  
RT: 13.85 min Scan# 3765  
Delta R.T. -0.00 min  
Lab File: VN064701.D  
Acq: 18 Nov 2020 12:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 57.8  | 31.9  | 95.5  |





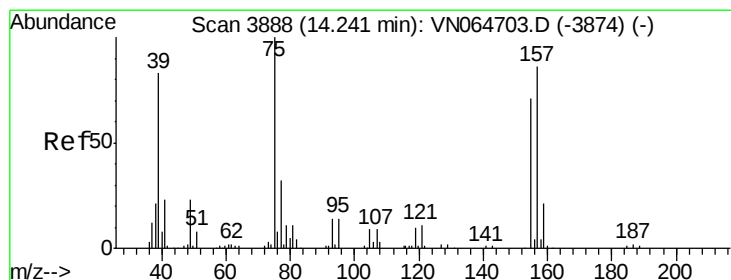
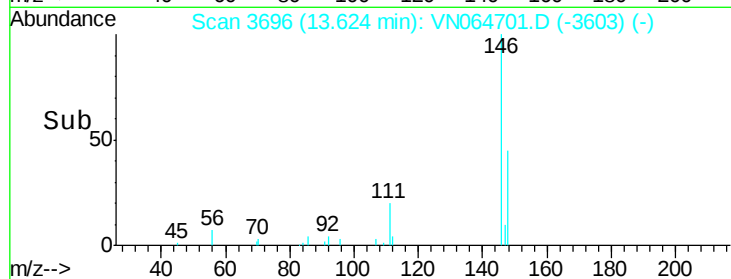
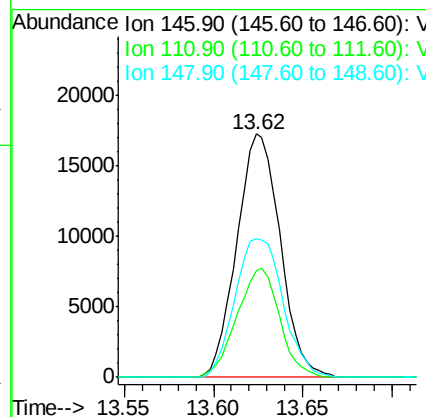
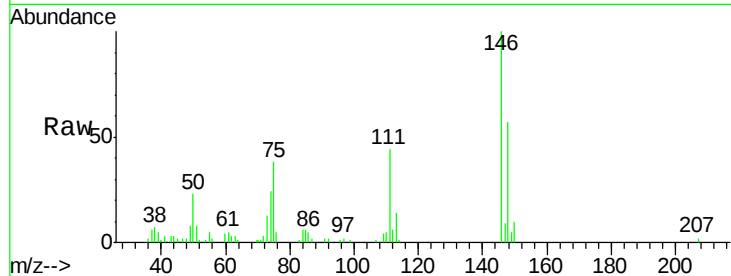
#91  
 1,2-Dichlorobenzene  
 Concen: 4.666 ug/l  
 RT: 13.62 min Scan# 3696  
 Delta R.T. -0.00 min  
 Lab File: VN064701.D  
 Acq: 18 Nov 2020 12:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.9  | 23.1  | 69.3  |
| 148     | 63.0  | 32.2  | 96.6  |

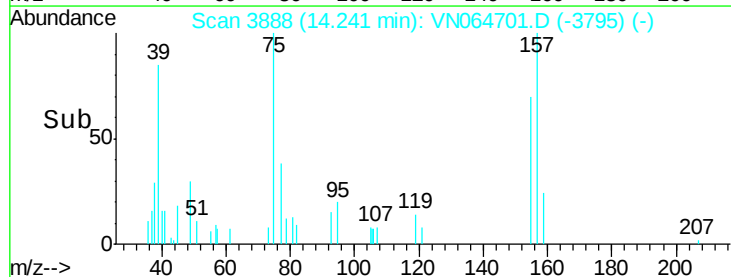
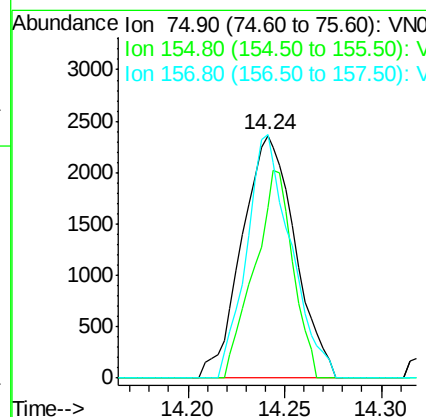
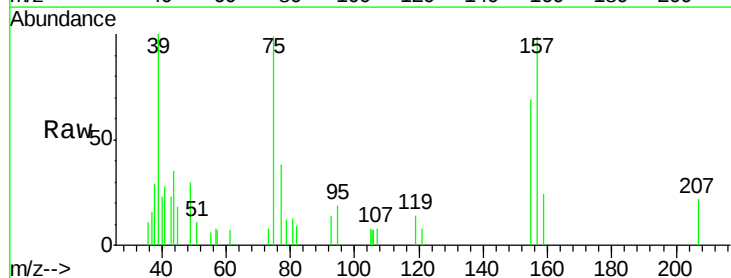
Manual Integrations  
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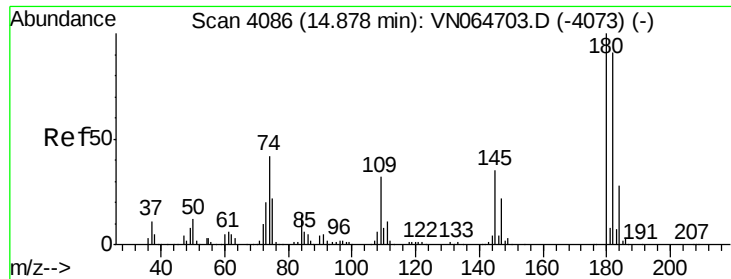
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 4.709 ug/l  
 RT: 14.24 min Scan# 3888  
 Delta R.T. -0.00 min  
 Lab File: VN064701.D  
 Acq: 18 Nov 2020 12:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 62.5  | 33.6  | 100.6 |
| 157     | 84.2  | 42.4  | 127.2 |





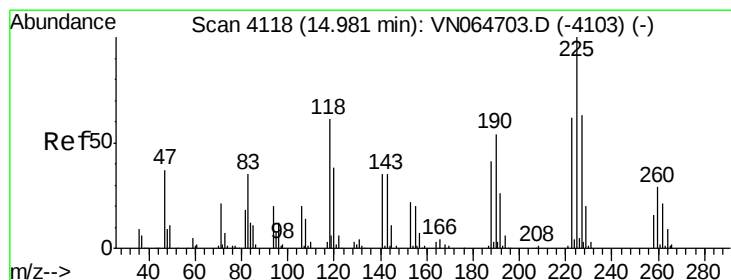
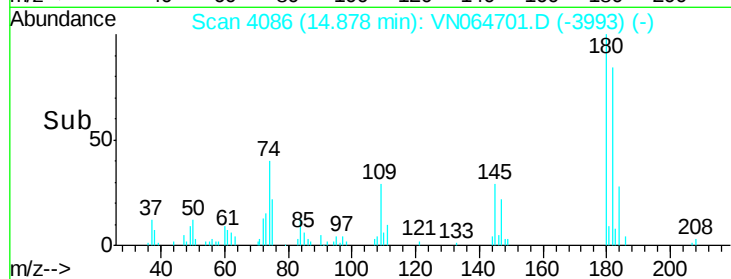
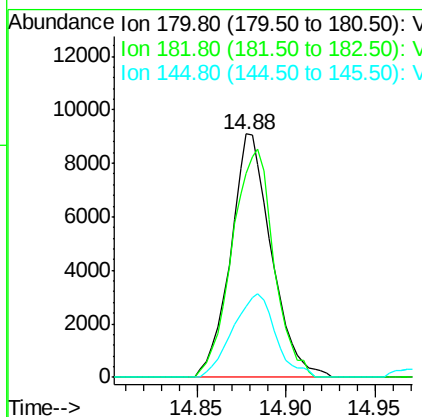
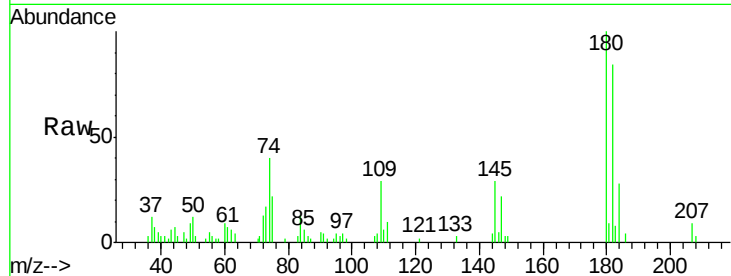
#93  
 1,2,4-Trichlorobenzene  
 Concen: 5.513 ug/l  
 RT: 14.88 min Scan# 4086  
 Delta R.T. -0.00 min  
 Lab File: VN064701.D  
 Acq: 18 Nov 2020 12:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.9  | 47.3  | 141.8 |
| 145     | 36.0  | 17.5  | 52.5  |

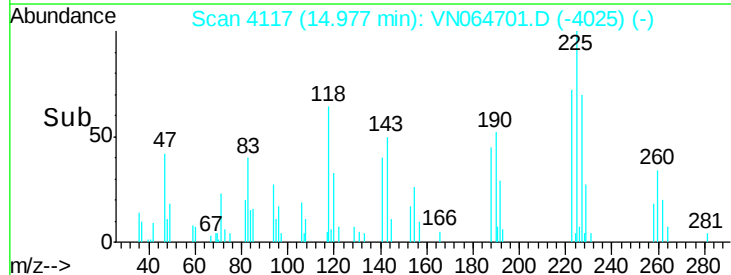
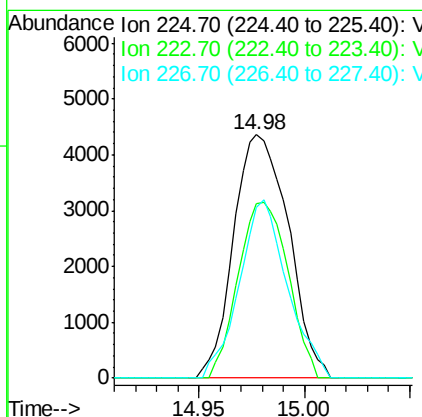
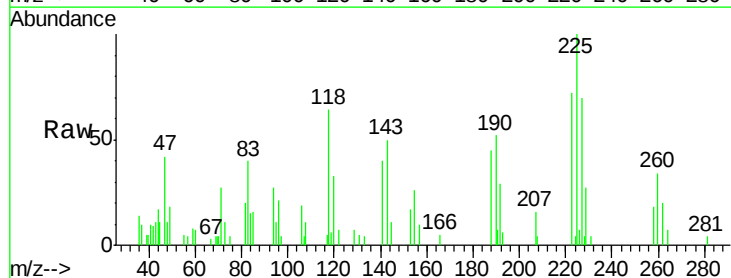
Manual Integrations  
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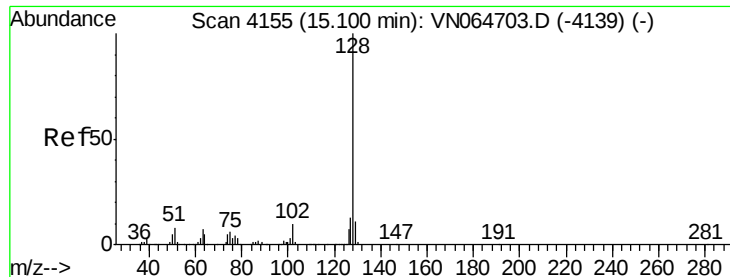
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#94  
 Hexachlorobutadiene  
 Concen: 6.063 ug/l  
 RT: 14.98 min Scan# 4117  
 Delta R.T. -0.00 min  
 Lab File: VN064701.D  
 Acq: 18 Nov 2020 12:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.6  | 31.2  | 93.6  |
| 227     | 64.2  | 32.1  | 96.3  |





#95

Naphthalene

Concen: 4.893 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

Instrument :

MSVOA\_N

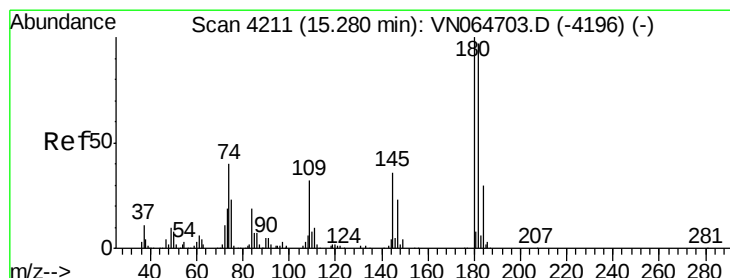
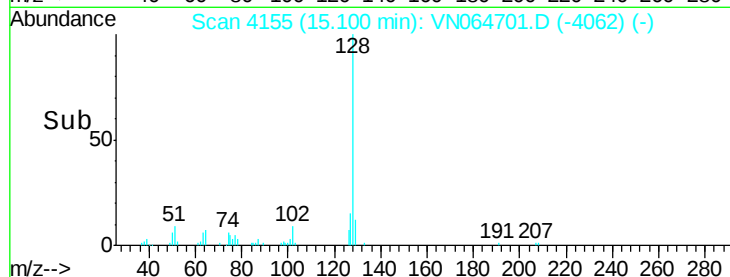
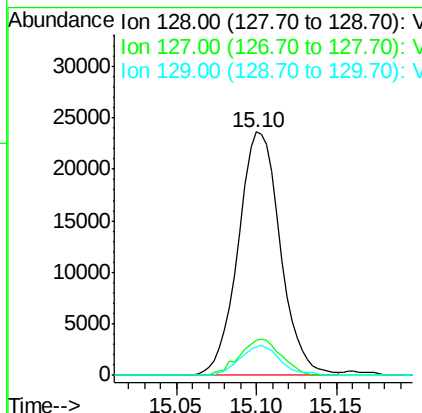
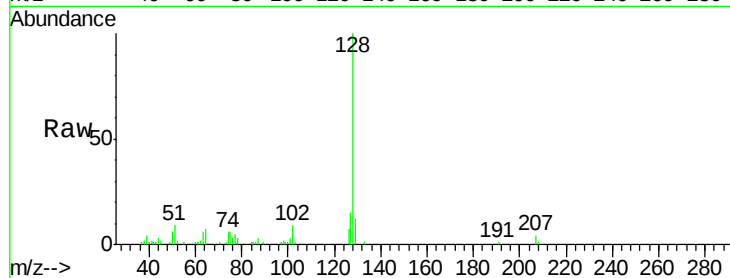
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 128   | Resp: | 42411 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 14.7  | 10.8  | 16.2  |
| 129      | 11.7  | 8.9   | 13.3  |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 5.268 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064701.D

Acq: 18 Nov 2020 12:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 13826 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 100.4 | 47.5  | 142.5 |
| 145      | 37.9  | 18.1  | 54.1  |

