

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\  
 Data File : VN064330.D  
 Acq On : 27 Oct 2020 16:51  
 Operator : JC/MD  
 Sample : VN1027WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1027WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 10/28/2020 12:36:15 PM

Quant Time: Oct 28 04:40:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 27 12:23:17 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 252011   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 421361   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 379771   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 176759   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 201402   | 49.73 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.46% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 136339   | 48.52 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.04% |      |
| 50) Toluene-d8            | 10.06  | 98  | 491838   | 47.32 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.64% |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 192621   | 47.53 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.06% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 53183  | 18.359  | ug/l   | 96     |
| 3) Chloromethane              | 2.04 | 50  | 58364  | 18.638  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.16 | 62  | 58120  | 19.188  | ug/l   | 96     |
| 5) Bromomethane               | 2.53 | 94  | 37441  | 19.130  | ug/l   | 98     |
| 6) Chloroethane               | 2.67 | 64  | 34575  | 19.103  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 95671  | 18.854  | ug/l   | 96     |
| 8) Diethyl Ether              | 3.38 | 74  | 30290  | 18.870  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 48993  | 19.210  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.91 | 142 | 62864  | 18.471  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 4.73 | 59  | 51653  | 87.862  | ug/l # | 89     |
| 12) 1,1-Dichloroethene        | 3.70 | 96  | 44664  | 18.551  | ug/l   | 94     |
| 13) Acrolein                  | 3.58 | 56  | 12727  | 110.384 | ug/l   | 86     |
| 14) Allyl chloride            | 4.28 | 41  | 91539  | 18.620  | ug/l   | 99     |
| 15) Acrylonitrile             | 4.93 | 53  | 112853 | 89.265  | ug/l   | 97     |
| 16) Acetone                   | 3.78 | 43  | 119360 | 81.499  | ug/l   | 95     |
| 17) Carbon Disulfide          | 4.01 | 76  | 130768 | 18.357  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.28 | 43  | 53805  | 17.686  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 177479 | 19.185  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.51 | 84  | 53634  | 18.674  | ug/l   | 93     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 50257  | 18.712  | ug/l   | 93     |
| 22) Diisopropyl ether         | 5.90 | 45  | 181303 | 18.868  | ug/l   | 97     |
| 23) Vinyl Acetate             | 5.85 | 43  | 786909 | 96.795  | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 103121 | 19.178  | ug/l   | 98     |
| 25) 2-Butanone                | 6.78 | 43  | 175390 | 86.254  | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 95586  | 18.164  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 60291  | 19.614  | ug/l   | 96     |
| 28) Bromochloromethane        | 7.15 | 49  | 42032  | 16.407  | ug/l   | 94     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 115269 | 87.320  | ug/l   | 99     |
| 30) Chloroform                | 7.33 | 83  | 105690 | 18.415  | ug/l   | 97     |
| 31) Cyclohexane               | 7.61 | 56  | 89849  | 19.116  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 102714 | 18.637  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 80178  | 18.854  | ug/l   | 98     |
| 37) Ethyl Acetate             | 6.88 | 43  | 76114  | 17.720  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 90160  | 18.288  | ug/l   | 98     |

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 Operator : JC/MD  
 Sample : VN1027WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN1027WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 10/28/2020 12:36:15 PM

Quant Time: Oct 28 04:40:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 27 12:23:17 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 77876    | 18.469  | ug/l   | 97       |
| 40) Benzene                    | 8.00  | 78   | 216312   | 18.274  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.14  | 41   | 39163m   | 18.367  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 95686    | 18.713  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 131576   | 17.919  | ug/l # | 93       |
| 44) Trichloroethene            | 8.80  | 130  | 56298    | 18.156  | ug/l   | 87       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 57099    | 18.014  | ug/l   | 95       |
| 46) Dibromomethane             | 9.18  | 93   | 40828    | 18.412  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.37  | 83   | 87985    | 17.904  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.16  | 41   | 65776    | 17.362  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.16  | 88   | 17970    | 321.822 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 374463   | 87.733  | ug/l   | 100      |
| 52) Toluene                    | 10.13 | 92   | 137000   | 18.342  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 94109    | 18.111  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 99866    | 18.670  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 53616    | 18.185  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 80856    | 18.116  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 93665    | 18.623  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 202122   | 82.989  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 275925   | 87.775  | ug/l   | 97       |
| 60) Dibromochloromethane       | 10.87 | 129  | 64368    | 18.464  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 58983    | 19.633  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 60992    | 19.540  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.41 | 112  | 145687   | 18.922  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 57142    | 18.362  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.48 | 91   | 268574   | 18.763  | ug/l   | 95       |
| 68) m/p-Xylenes                | 11.59 | 106  | 196842   | 37.108  | ug/l   | 99       |
| 69) o-Xylene                   | 11.92 | 106  | 94845    | 18.559  | ug/l   | 98       |
| 70) Styrene                    | 11.94 | 104  | 153856   | 18.362  | ug/l   | 97       |
| 71) Bromoform                  | 12.10 | 173  | 42654    | 17.464  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.22 | 105  | 253912   | 19.180  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.05 | 43   | 109282   | 18.754  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 69721    | 18.118  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 77636m   | 18.341  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 63581    | 19.613  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.57 | 91   | 286465   | 19.113  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 179733   | 18.759  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 212961   | 19.011  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 25923    | 17.641  | ug/l   | 91       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 185191   | 18.974  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.97 | 119  | 177567   | 19.317  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 213459   | 19.071  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.14 | 105  | 222378   | 18.695  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 206759   | 19.294  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 106137   | 18.702  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 107677   | 18.628  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 172158   | 18.236  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 39554    | 19.653  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 104743   | 18.564  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 17402    | 18.225  | ug/l   | 99       |

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Acq On : 27 Oct 2020 16:51  
Operator : JC/MD  
Sample : VN1027WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD01

Manual Integrations  
APPROVED

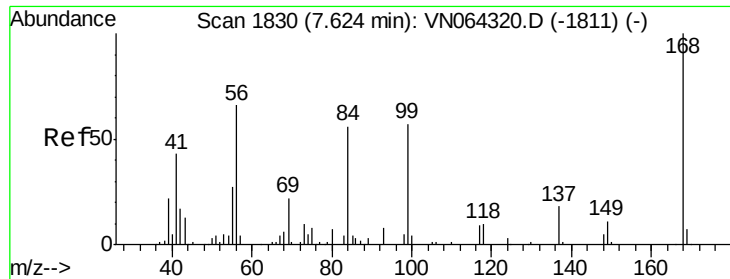
MMDadoda  
10/28/2020 12:36:15 PM

Quant Time: Oct 28 04:40:32 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102720W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 27 12:23:17 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 54699    | 18.205 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 31053    | 17.935 | ug/l  | 96       |
| 95) Naphthalene            | 15.10 | 128  | 165958   | 18.206 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 53640    | 18.594 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

ClientSampleId :

VN1027WBSD01

Tot Ion:168 Resp: 252011

Ion Ratio Lower Upper

168 100

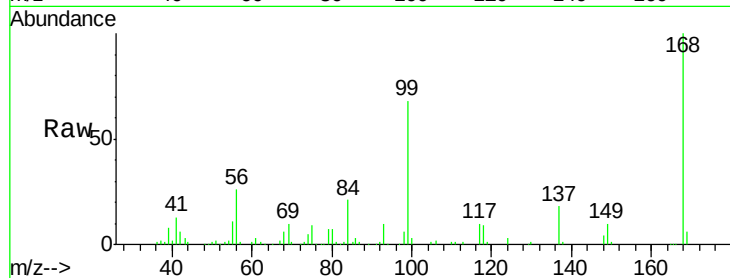
99 67.3 52.7 79.1

Manual Integrations

APPROVED

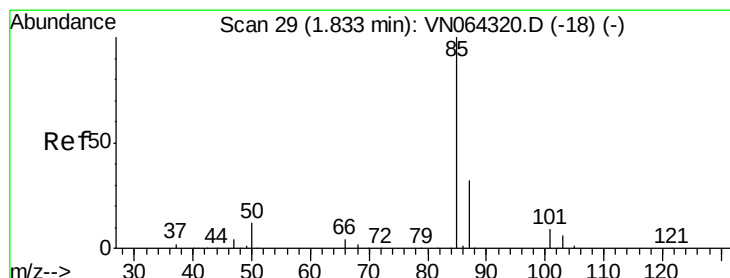
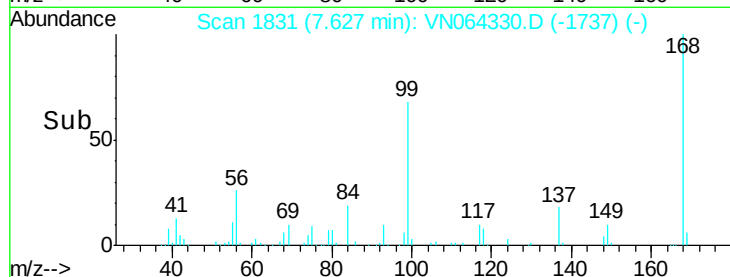
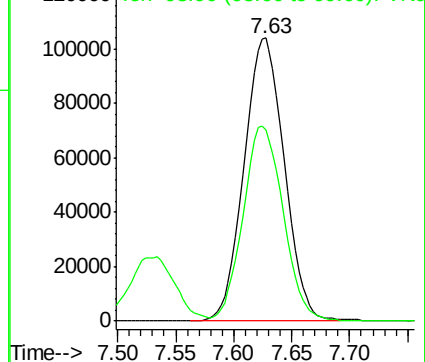
MMDadoda

10/28/2020 12:36:15 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.359 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064330.D

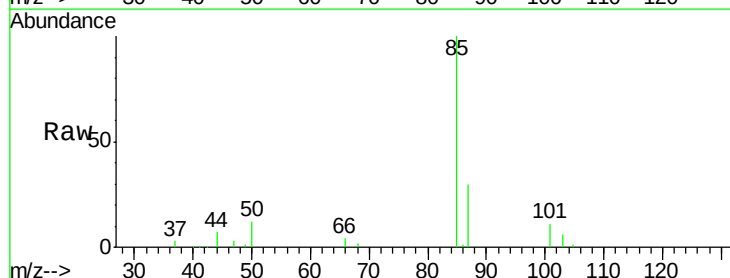
Acq: 27 Oct 2020 16:51

Tgt Ion: 85 Resp: 53183

Ion Ratio Lower Upper

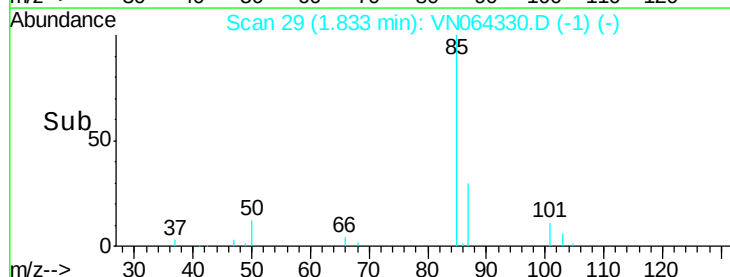
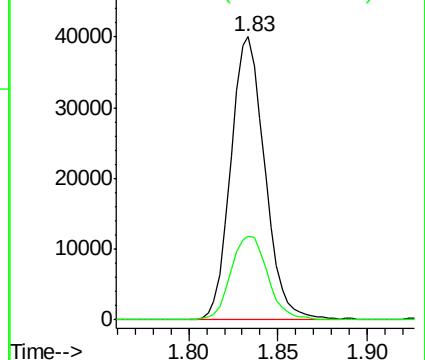
85 100

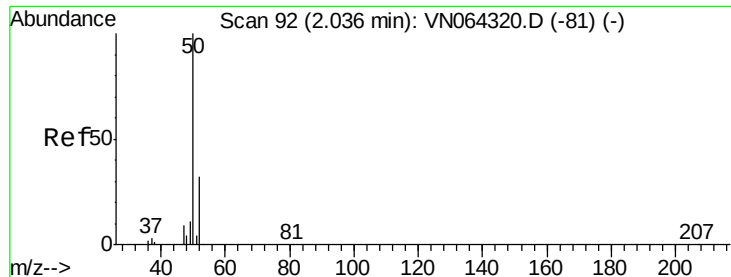
87 29.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 18.638 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

ClientSampleId :

VN1027WBSD01

Tot Ion: 50 Resp: 58364

Ion Ratio Lower Upper

50 100

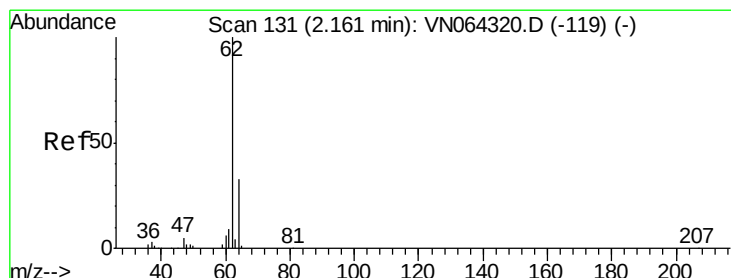
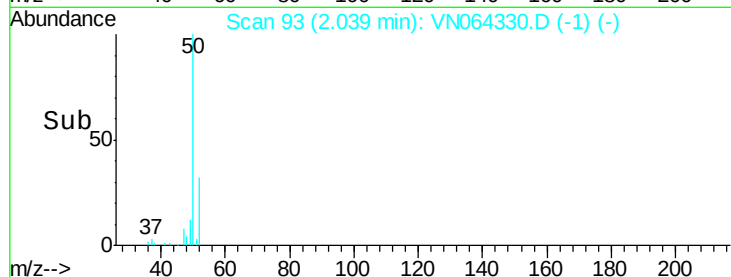
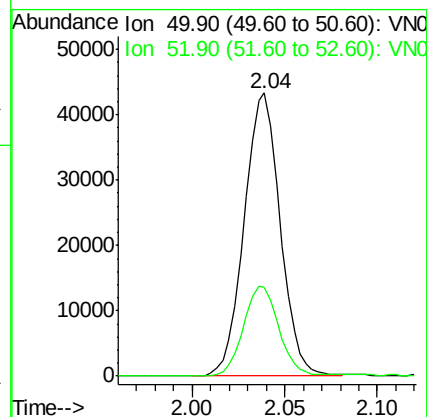
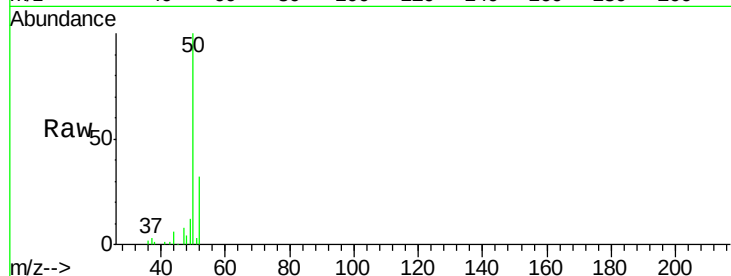
52 31.5 25.6 38.4

Manual Integrations

APPROVED

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10/28/2020 12:36:15 PM



#4

Vinyl Chloride

Concen: 19.188 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064330.D

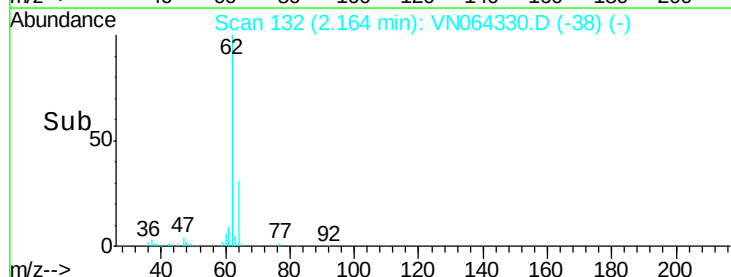
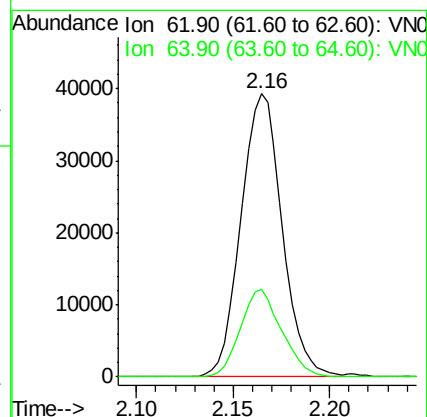
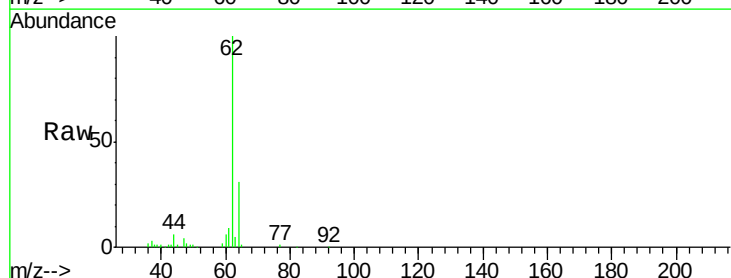
Acq: 27 Oct 2020 16:51

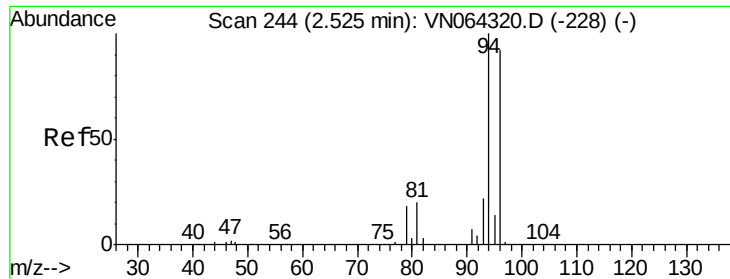
Tgt Ion: 62 Resp: 58120

Ion Ratio Lower Upper

62 100

64 30.7 26.2 39.4





#5

Bromomethane

Concen: 19.130 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

ClientSampleId :

VN1027WBSD01

Tot Ion: 94 Resp: 37441

Ion Ratio Lower Upper

94 100

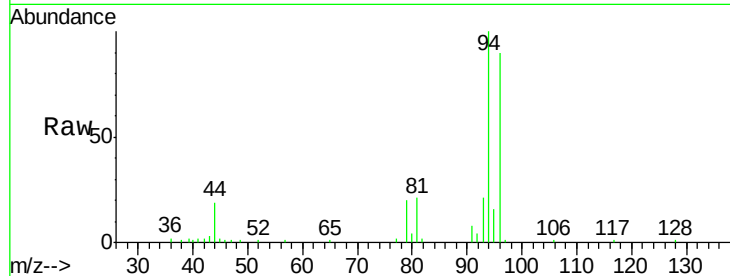
96 89.9 73.6 110.4

Manual Integrations

APPROVED

MMDadoda

10/28/2020 12:36:15 PM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

20000

15000

10000

5000

0

Time-->

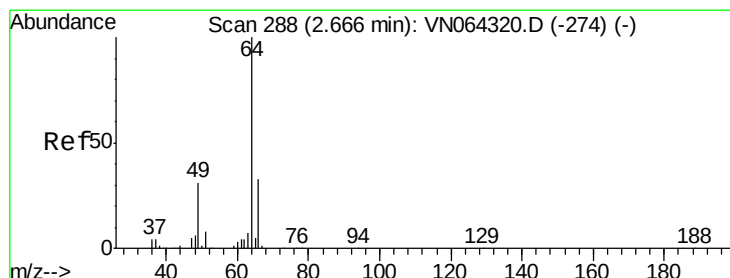
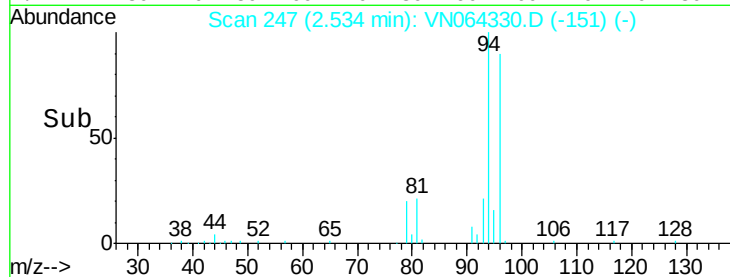
2.45

2.50

2.53

2.55

2.60



#6

Chloroethane

Concen: 19.103 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.01 min

Lab File: VN064330.D

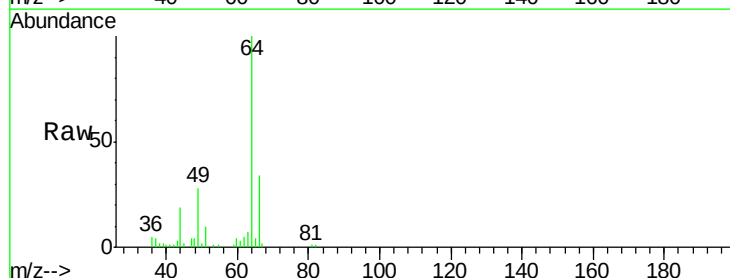
Acq: 27 Oct 2020 16:51

Tgt Ion: 64 Resp: 34575

Ion Ratio Lower Upper

64 100

66 34.2 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

20000

15000

10000

5000

0

Time-->

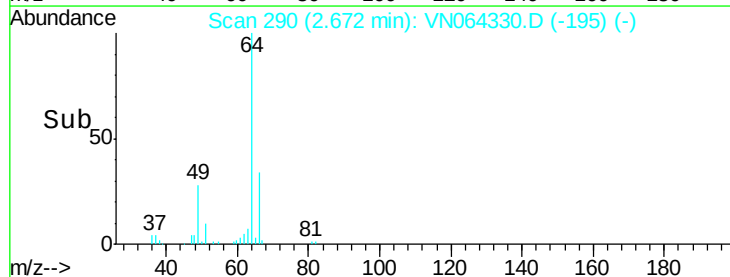
2.60

2.65

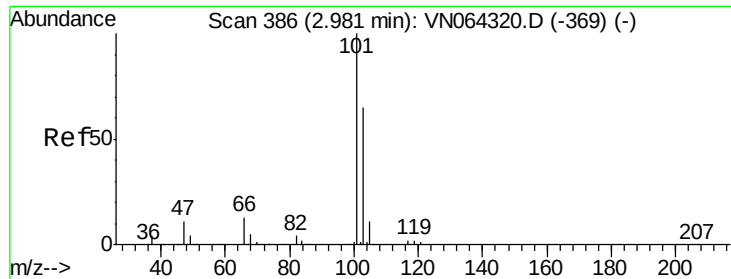
2.67

2.70

2.75







#7

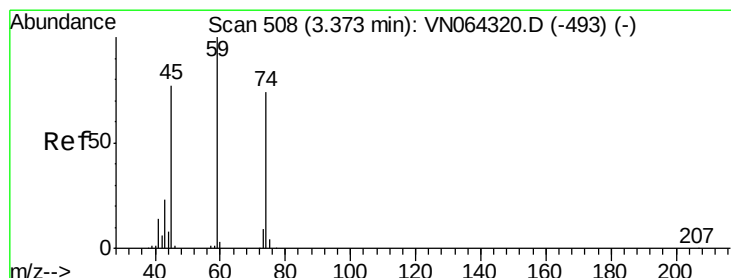
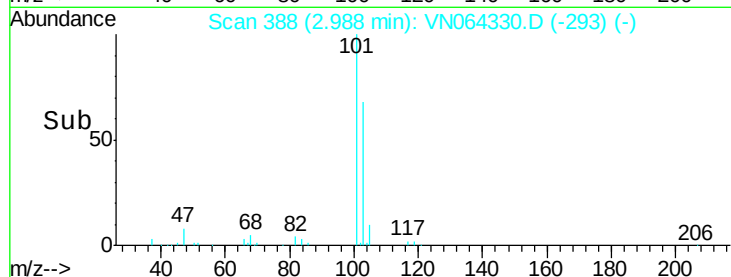
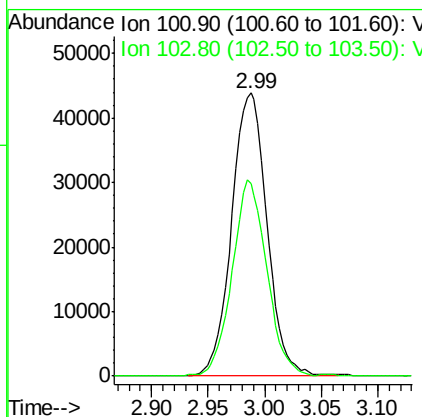
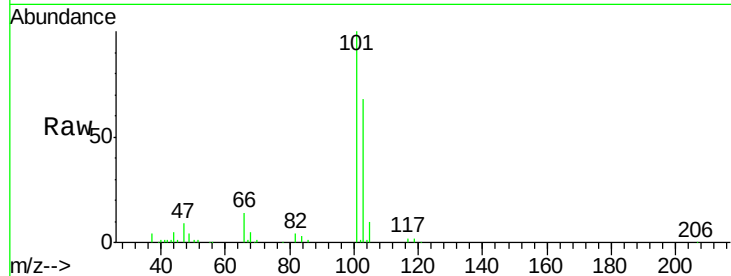
Trichlorofluoromethane  
 Concen: 18.854 ug/l  
 RT: 2.99 min Scan# 388  
 Delta R.T. 0.01 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1027WBSD01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 101     | 100  |       | 95671 |       |       |
| 103     | 67.8 | 51.7  | 77.5  |       |       |

Manual Integrations  
 APPROVED

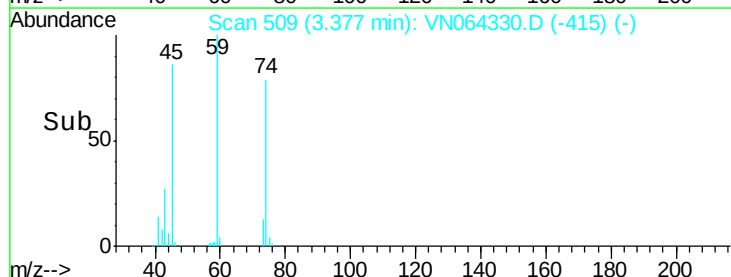
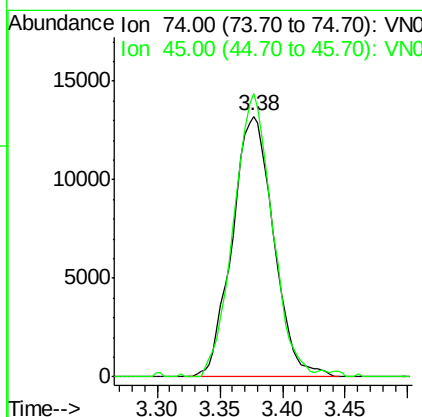
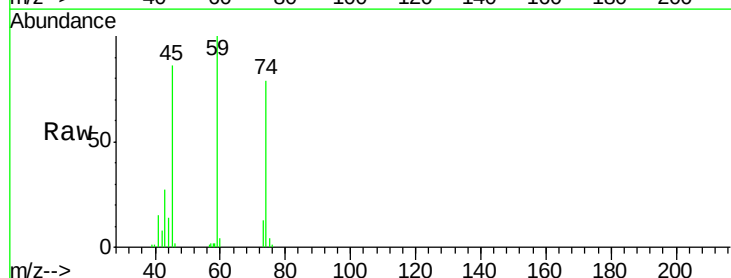
MMDadoda  
 10/28/2020 12:36:15 PM



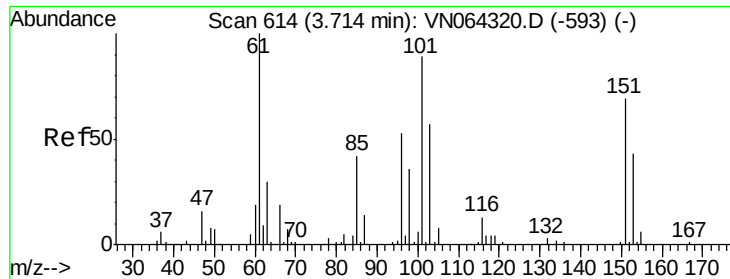
#8

Diethyl Ether  
 Concen: 18.870 ug/l  
 RT: 3.38 min Scan# 509  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 74      | 100   |       | 30290 |       |       |
| 45      | 101.6 | 51.3  | 154.0 |       |       |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.210 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

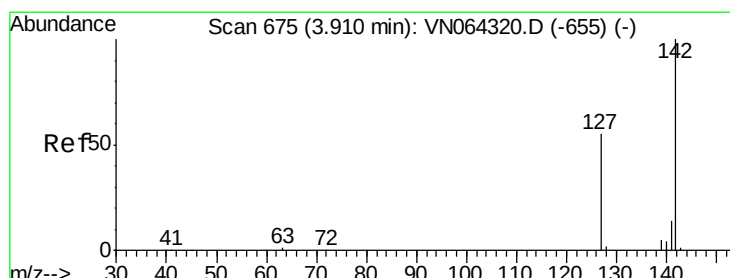
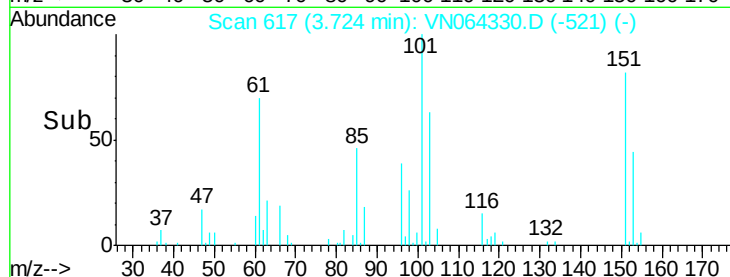
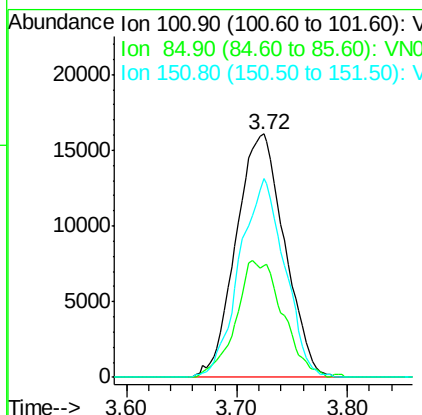
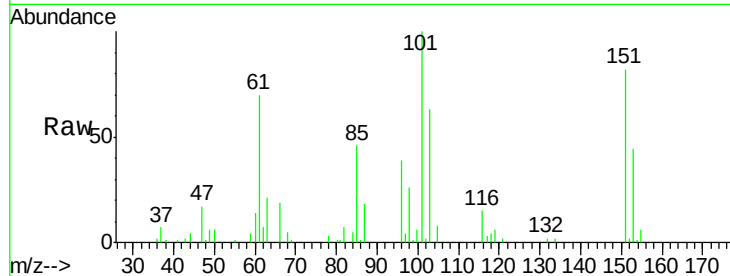
ClientSampleId :

VN1027WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 48993 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 46.2  | 38.4  | 57.6  |
| 151       | 76.0  | 62.0  | 93.0  |

Manual Integrations  
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10/28/2020 12:36:15 PM



#10

Methyl Iodide

Concen: 18.471 ug/l

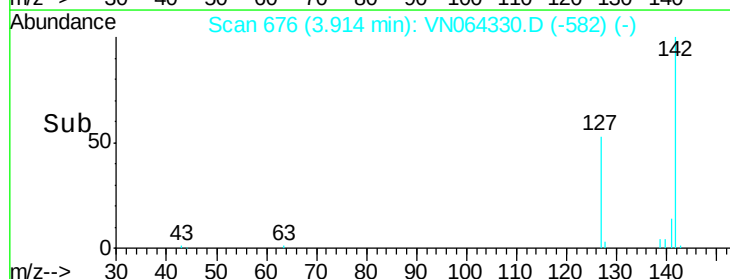
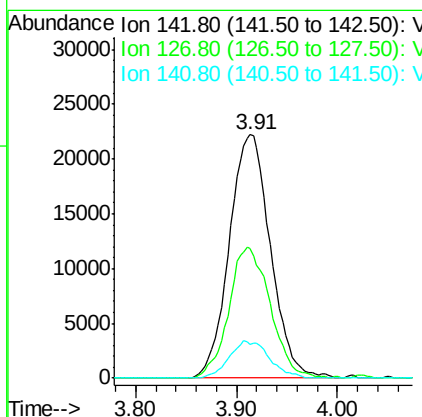
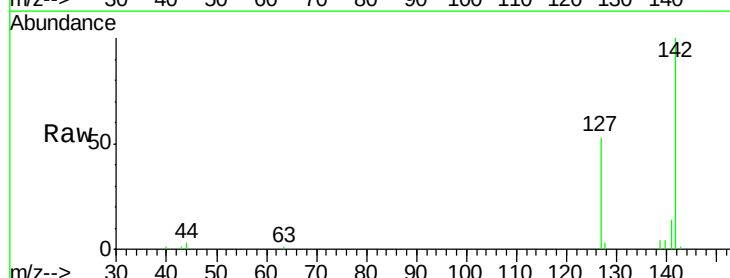
RT: 3.91 min Scan# 676

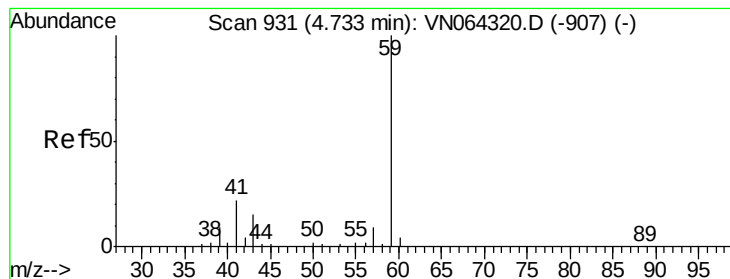
Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 62864 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 54.2  | 43.3  | 64.9  |
| 141       | 14.9  | 11.5  | 17.3  |





#11

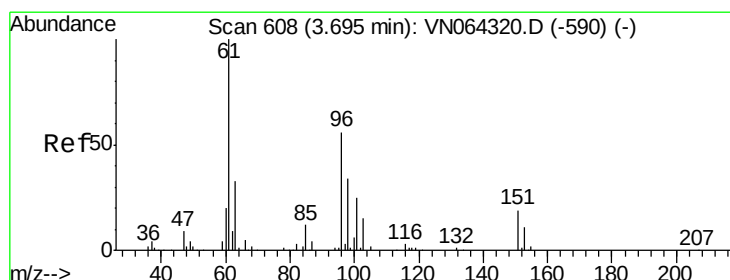
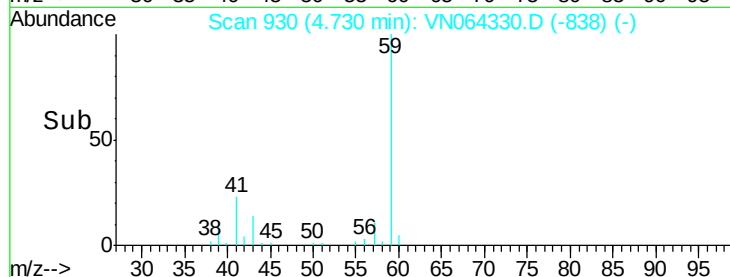
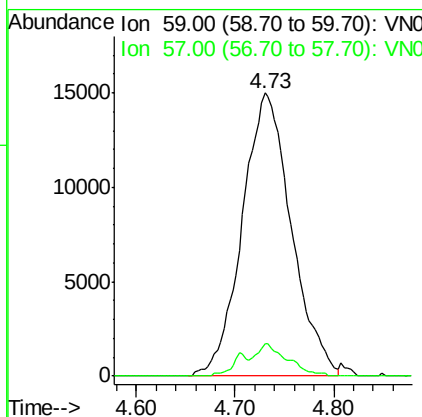
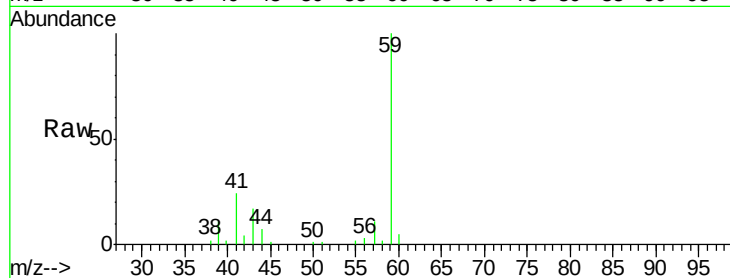
Tert butyl alcohol  
Concen: 87.862 ug/l  
RT: 4.73 min Scan# 930  
Delta R.T. -0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 7.4   | 9.4   | 14.0# |

Manual Integrations  
APPROVED

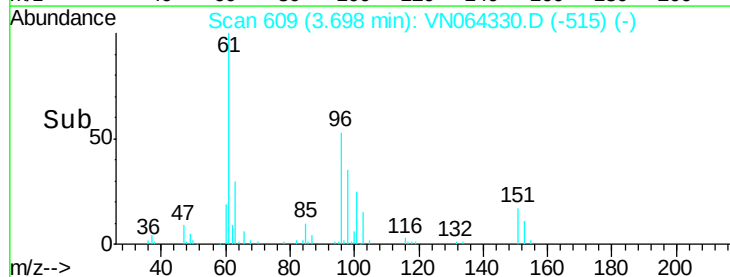
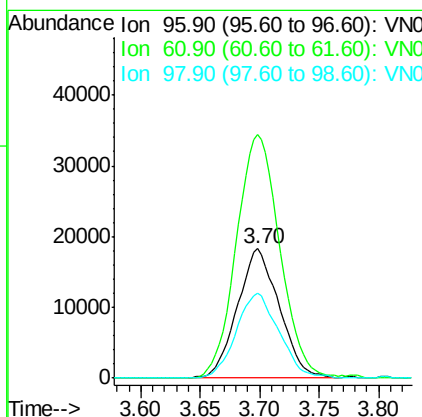
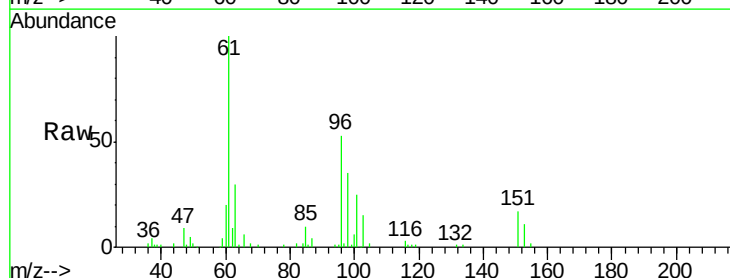
MMDadoda  
10/28/2020 12:36:15 PM

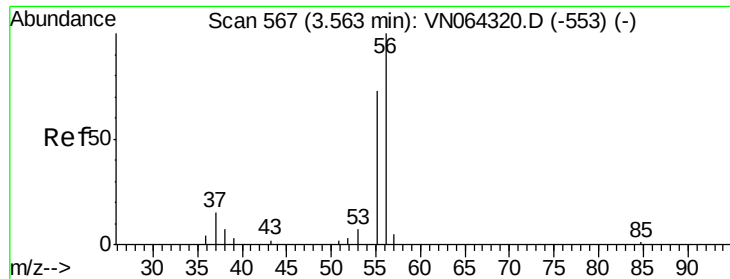


#12

1,1-Dichloroethene  
Concen: 18.551 ug/l  
RT: 3.70 min Scan# 609  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 188.3 | 143.6 | 215.4 |
| 98      | 65.4  | 48.6  | 73.0  |





#13

Acrolein

Concen: 110.384 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

ClientSampleId :

VN1027WBSD01

Tot Ion: 56 Resp: 12727

Ion Ratio Lower Upper

56 100

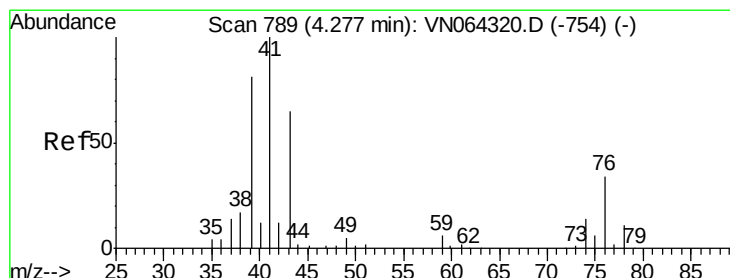
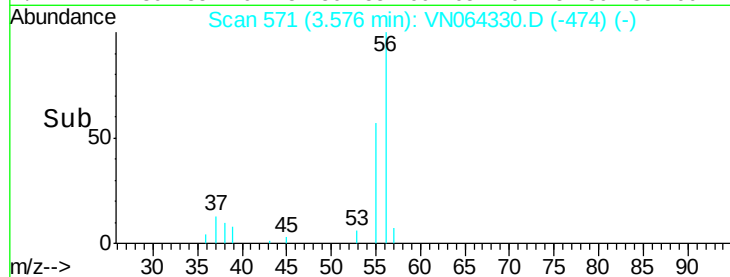
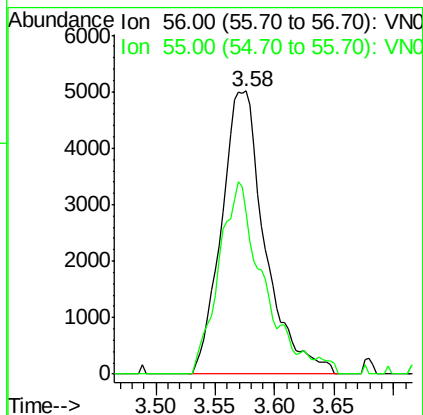
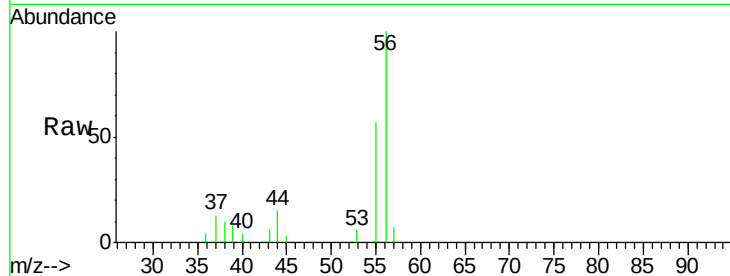
55 66.1 62.6 94.0

Manual Integrations

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#14

Allyl chloride

Concen: 18.620 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

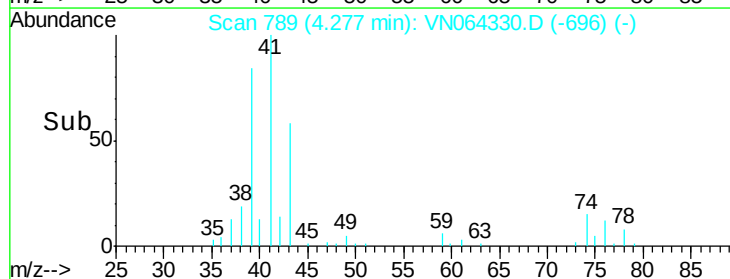
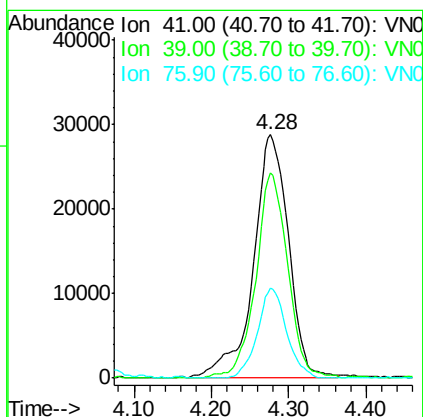
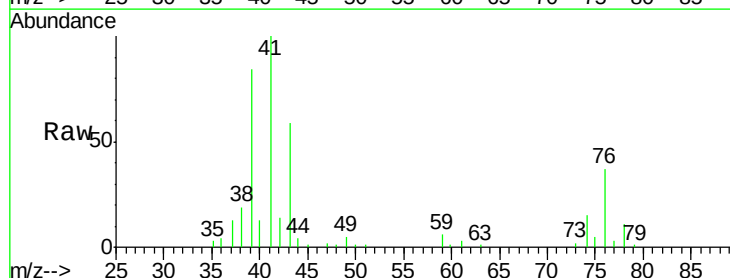
Tgt Ion: 41 Resp: 91539

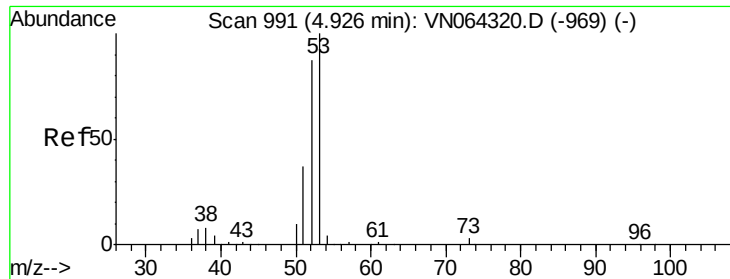
Ion Ratio Lower Upper

41 100

39 76.4 61.7 92.5

76 30.6 24.0 36.0





#15

Acrylonitrile

Concen: 89.265 ug/l

RT: 4.93 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

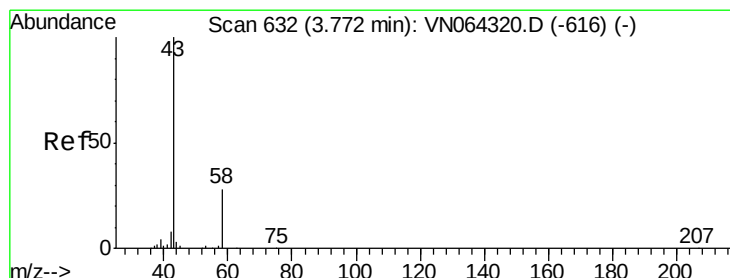
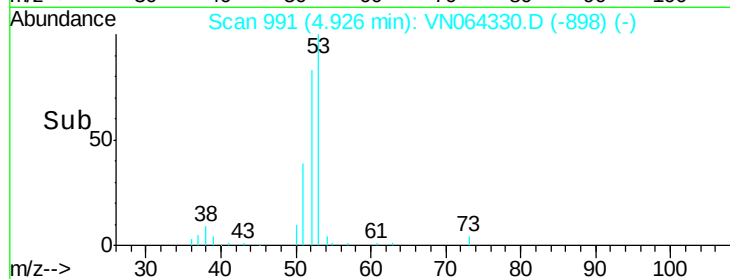
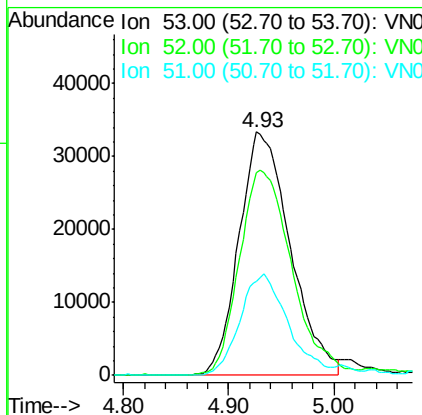
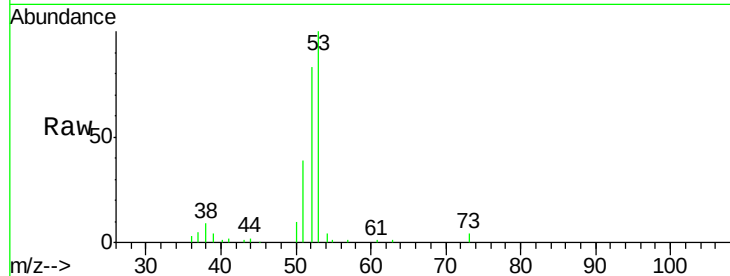
ClientSampleId :

VN1027WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 112853 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 86.3  | 65.9  | 98.9   |
| 51       | 38.9  | 30.4  | 45.6   |

Manual Integrations  
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#16

Acetone

Concen: 81.499 ug/l

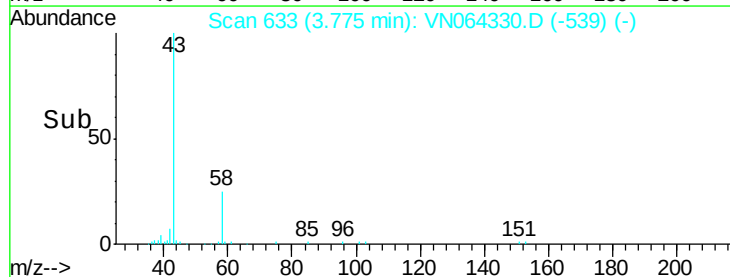
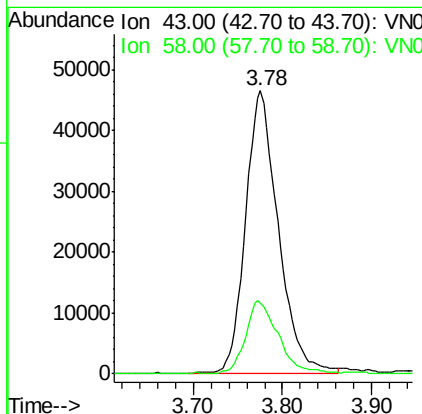
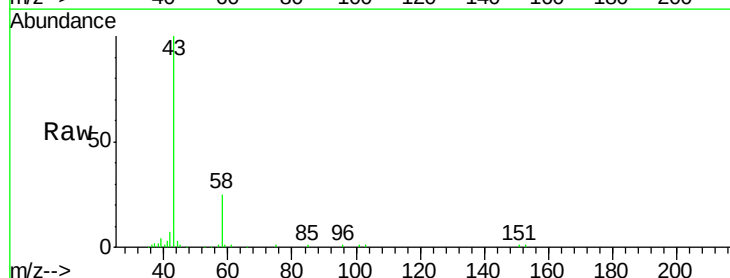
RT: 3.78 min Scan# 633

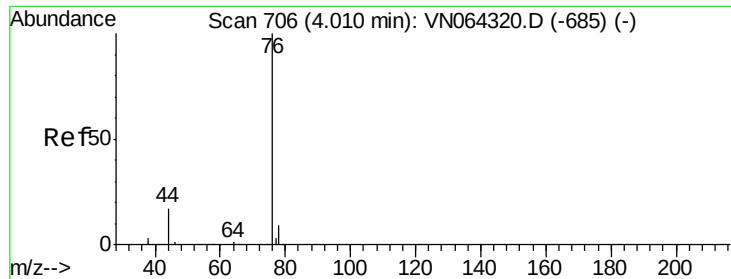
Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 119360 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 25.2  | 22.1  | 33.1   |





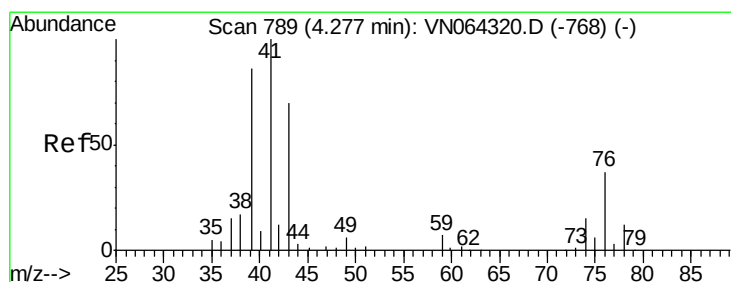
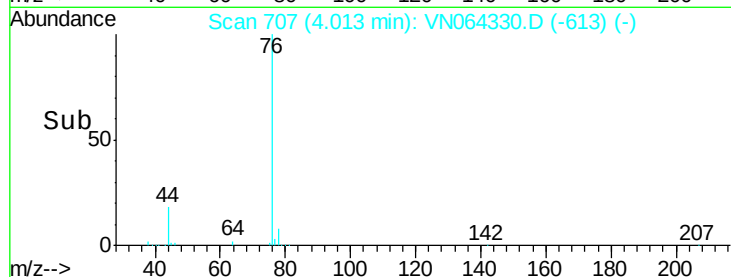
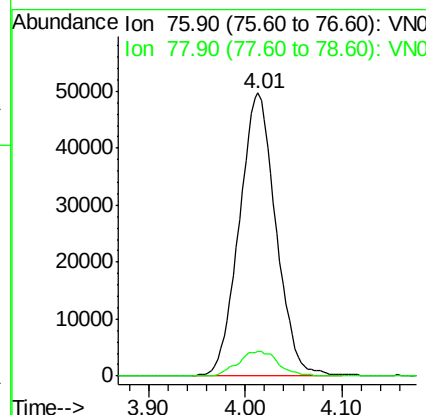
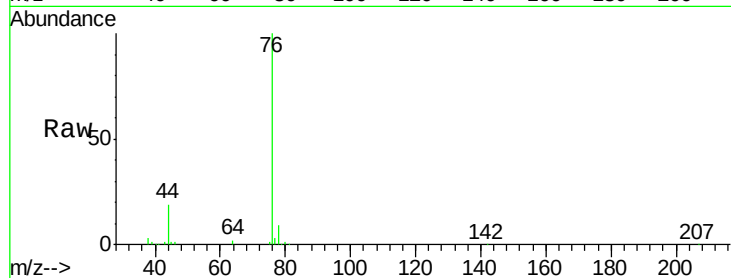
#17  
Carbon Disulfide  
Concen: 18.357 ug/l  
RT: 4.01 min Scan# 707  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.8   | 7.3   | 10.9  |

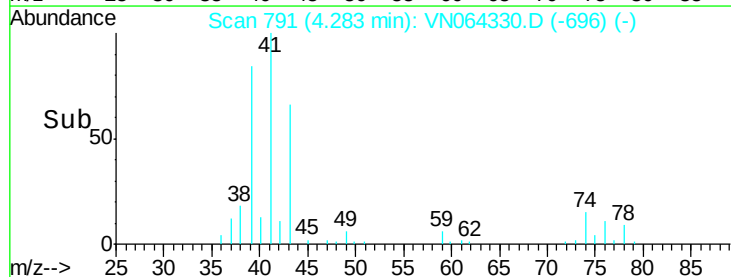
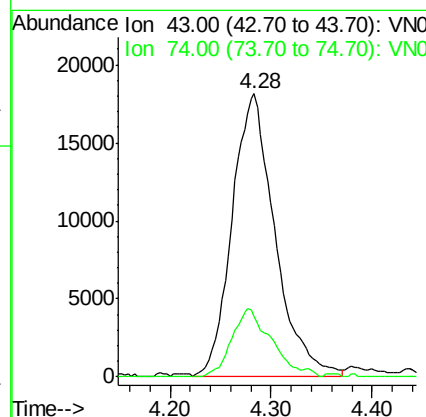
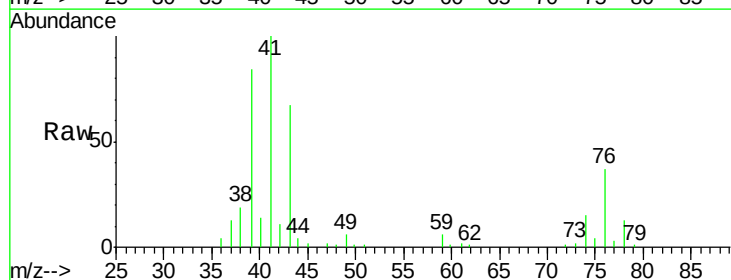
Manual Integrations  
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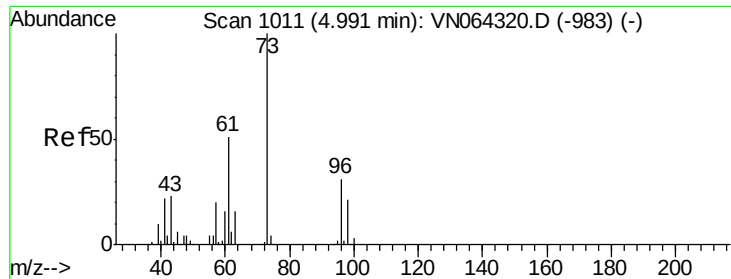
MMDadoda  
10/28/2020 12:36:15 PM



#18  
Methyl Acetate  
Concen: 17.686 ug/l  
RT: 4.28 min Scan# 791  
Delta R.T. 0.01 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.8  | 16.7  | 25.1  |





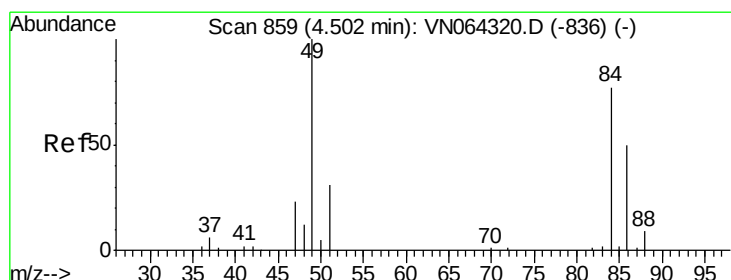
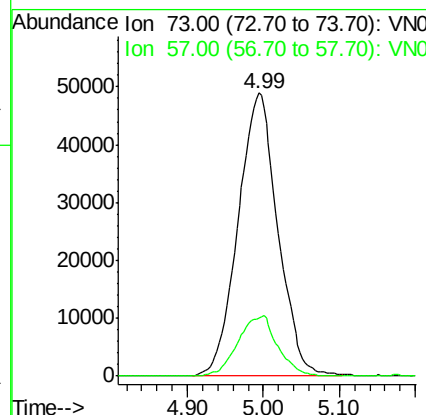
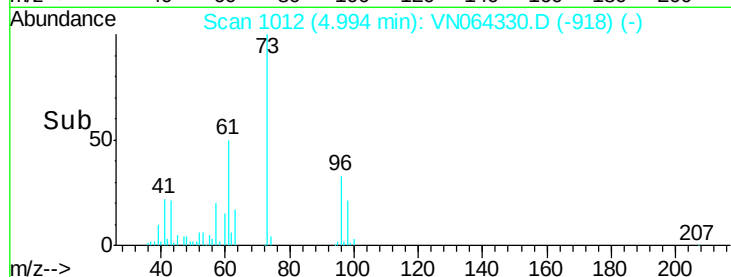
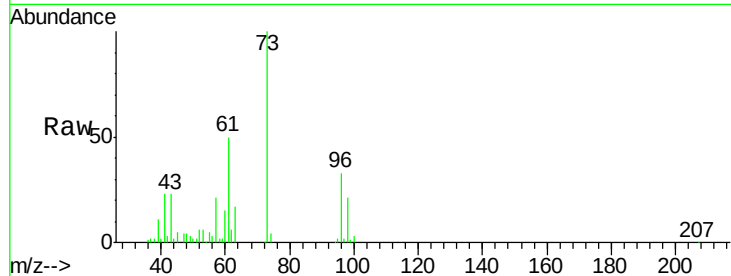
#19  
Methyl tert-butyl Ether  
Concen: 19.185 ug/l  
RT: 4.99 min Scan# 1012  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD01

Tot Ion: 73 Resp: 177479  
Ion Ratio Lower Upper  
73 100  
57 20.5 16.1 24.1

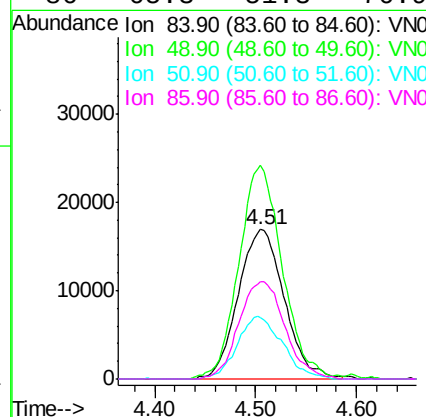
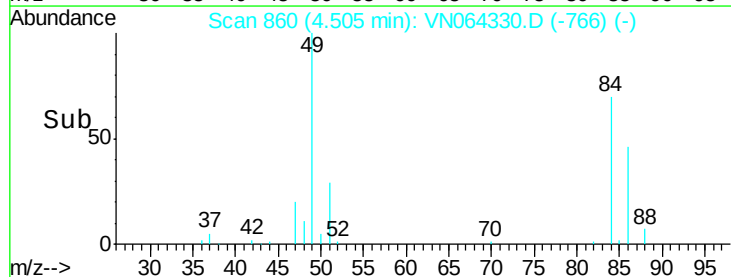
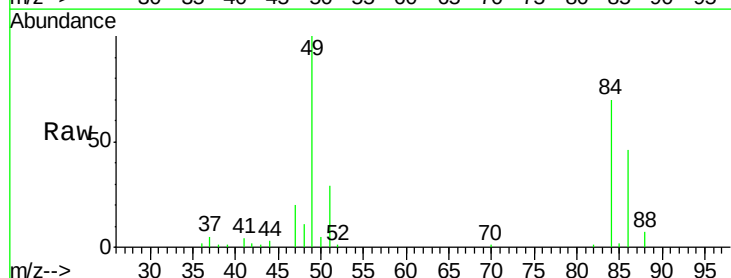
Manual Integrations  
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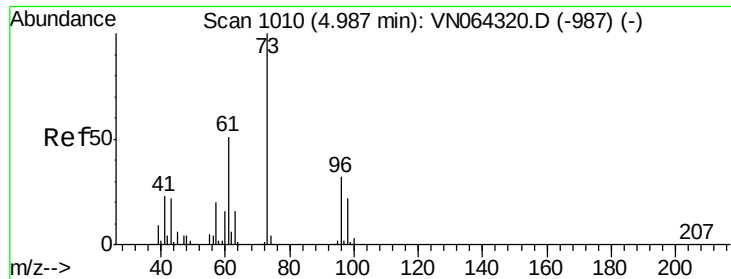
MMDadoda  
10/28/2020 12:36:15 PM



#20  
Methylene Chloride  
Concen: 18.674 ug/l  
RT: 4.51 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Tgt Ion: 84 Resp: 53634  
Ion Ratio Lower Upper  
84 100  
49 141.9 103.6 155.4  
51 41.4 31.8 47.8  
86 65.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.712 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

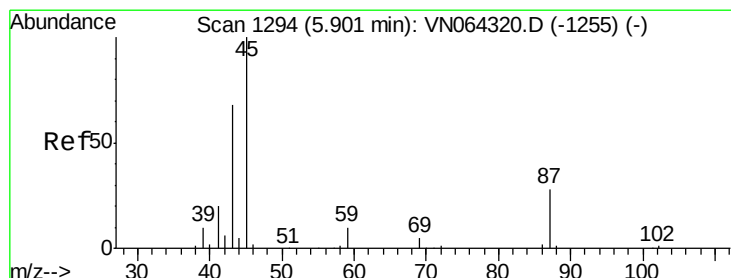
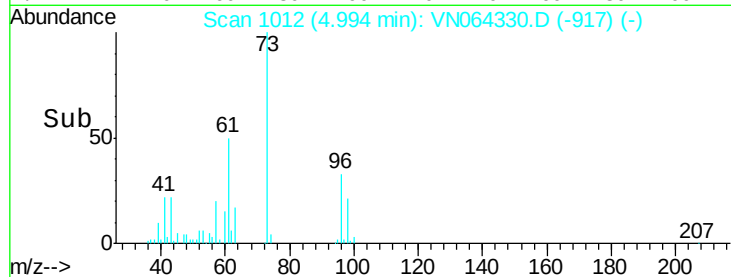
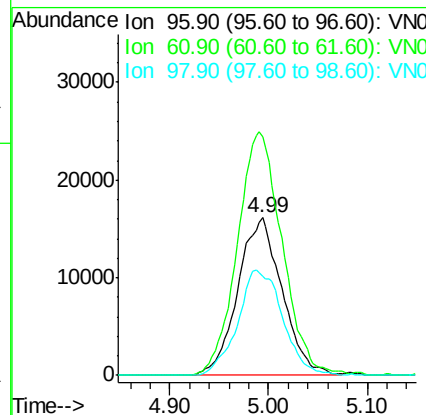
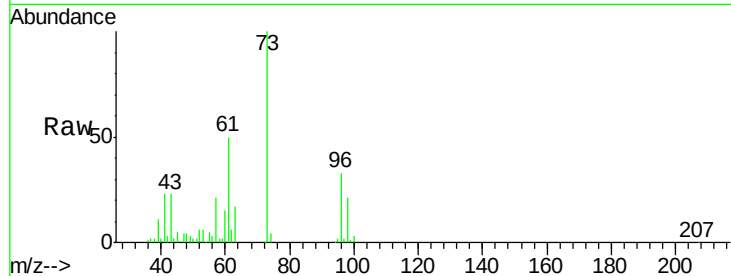
ClientSampleId :

VN1027WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 50257 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 151.4 | 128.2 | 192.2 |
| 98       | 62.6  | 56.1  | 84.1  |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 18.868 ug/l

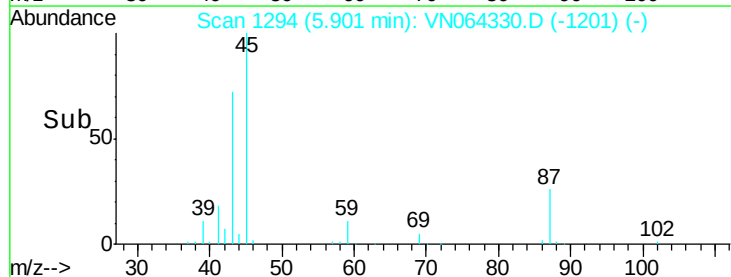
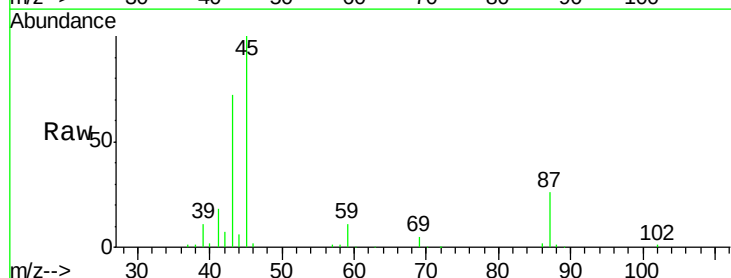
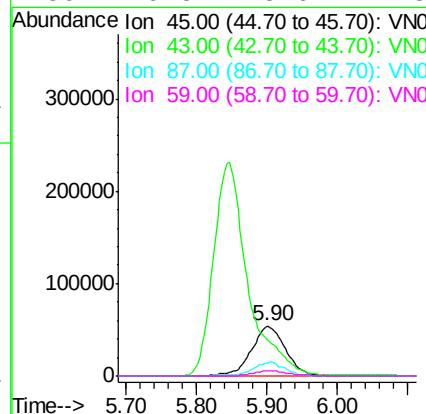
RT: 5.90 min Scan# 1294

Delta R.T. 0.00 min

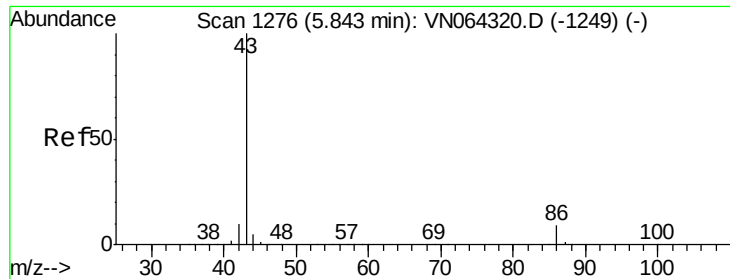
Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 181303 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 70.2  | 54.6  | 82.0   |
| 87       | 25.7  | 22.6  | 33.8   |
| 59       | 10.8  | 8.6   | 12.8   |







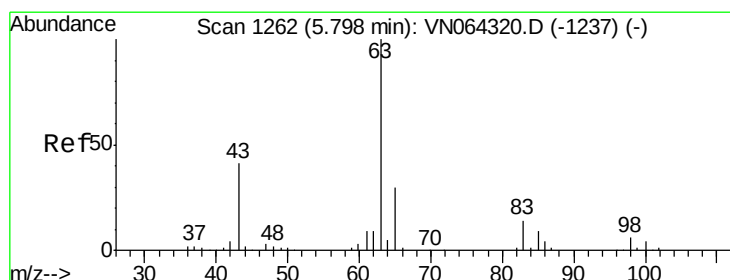
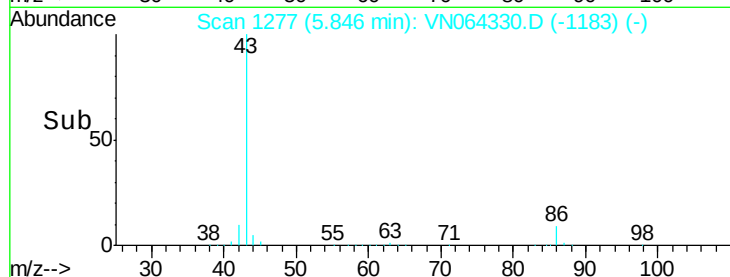
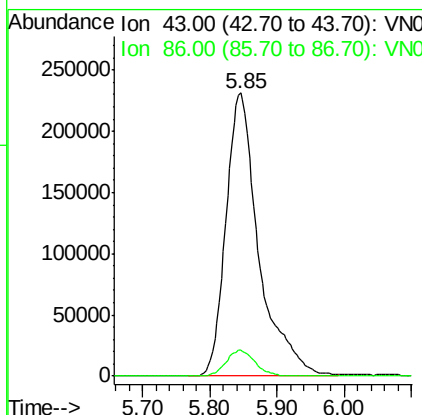
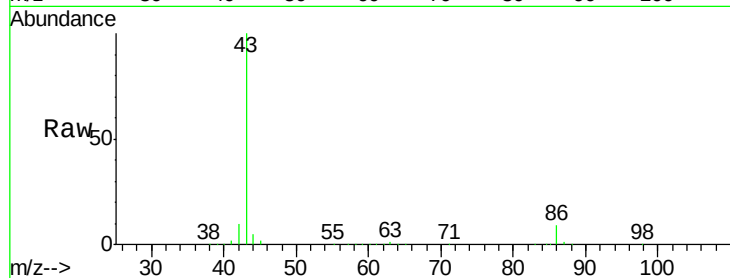
#23  
 Vinyl Acetate  
 Concen: 96.795 ug/l  
 RT: 5.85 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1027WBSD01

| Tot Ion   | 43  | Resp  | 786909 |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | Upper  |
| 43        | 100 |       |        |
| 86        | 9.3 | 7.3   | 10.9   |

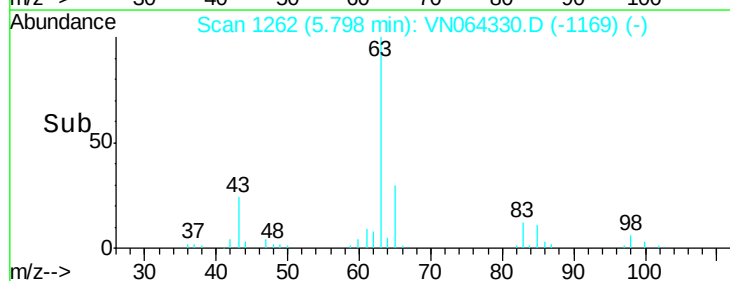
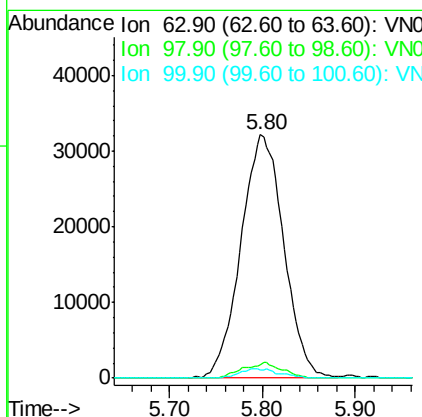
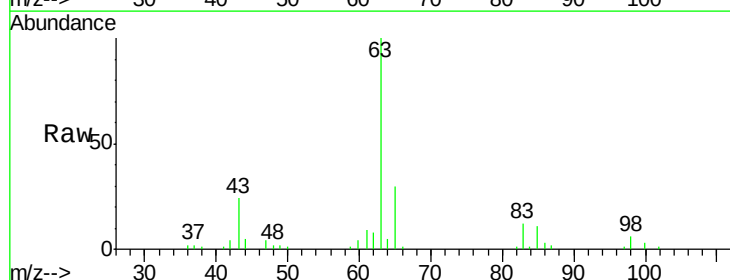
Manual Integrations  
 APPROVED

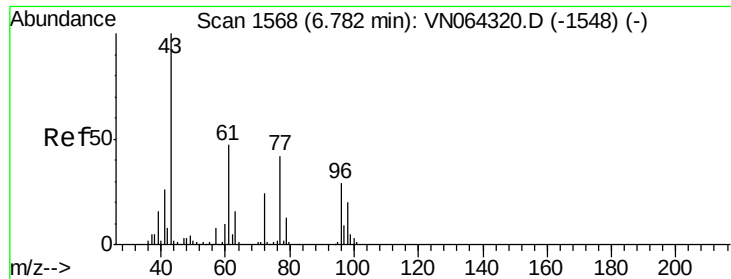
MMDadoda  
 10/28/2020 12:36:15 PM



#24  
 1,1-Dichloroethane  
 Concen: 19.178 ug/l  
 RT: 5.80 min Scan# 1262  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

| Tgt Ion   | 63  | Resp  | 103121 |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | Upper  |
| 63        | 100 |       |        |
| 98        | 5.6 | 3.1   | 9.4    |
| 100       | 3.4 | 2.0   | 5.8    |





#25

2-Butanone

Concen: 86.254 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

ClientSampleId :

VN1027WBSD01

Tot Ion: 43 Resp: 175390

Ion Ratio Lower Upper

43 100

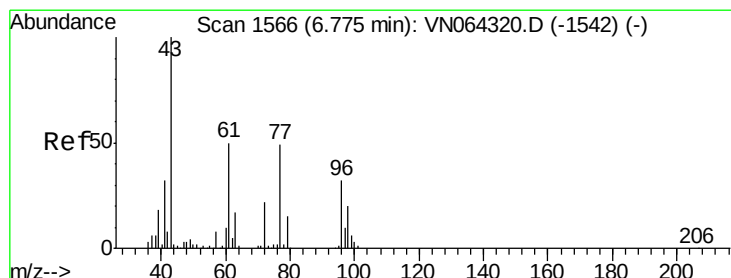
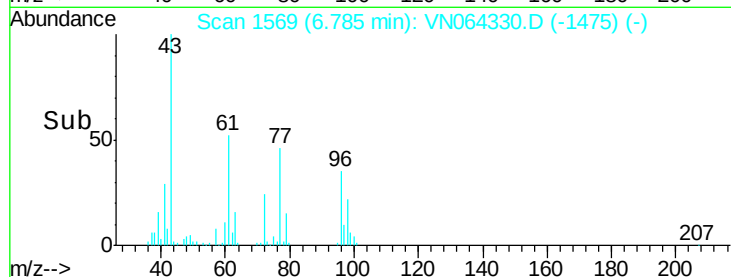
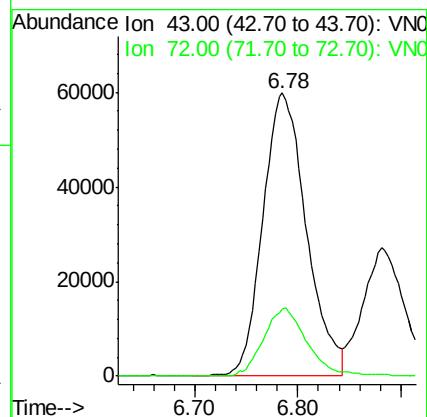
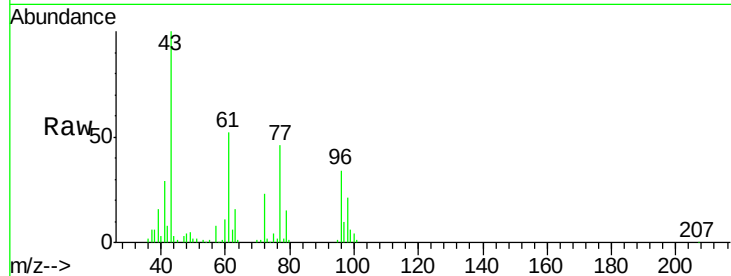
72 23.5 18.8 28.2

Manual Integrations

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10/28/2020 12:36:15 PM



#26

2,2-Dichloropropane

Concen: 18.164 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064330.D

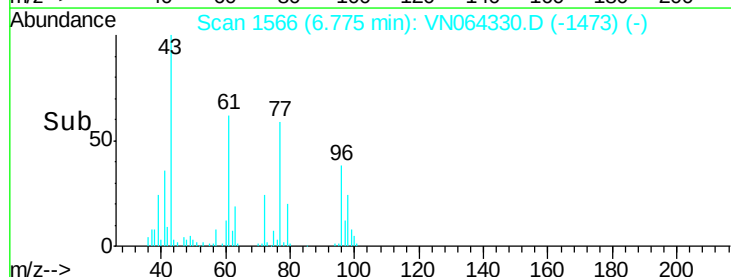
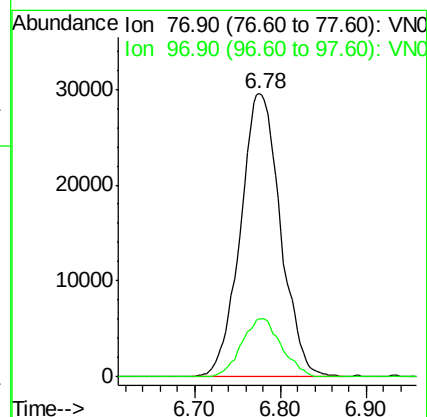
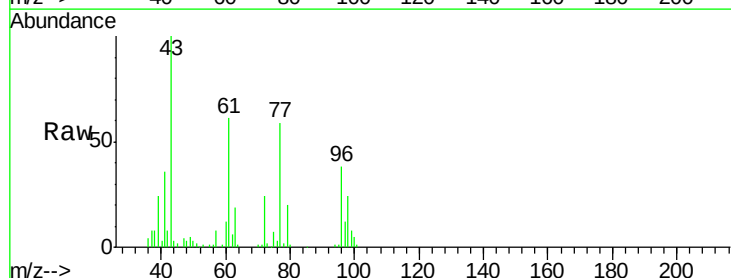
Acq: 27 Oct 2020 16:51

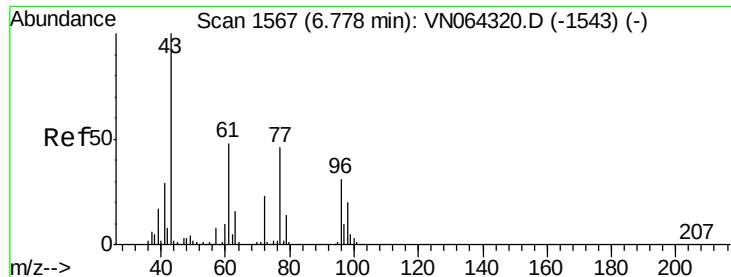
Tgt Ion: 77 Resp: 95586

Ion Ratio Lower Upper

77 100

97 20.4 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 19.614 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

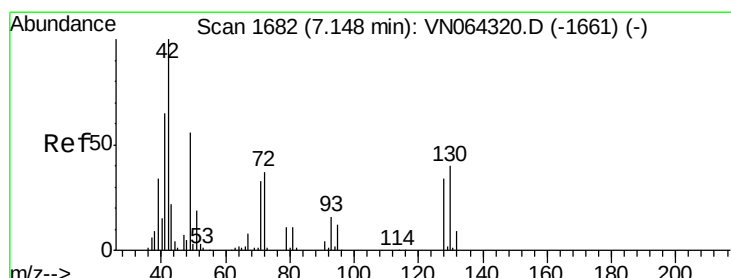
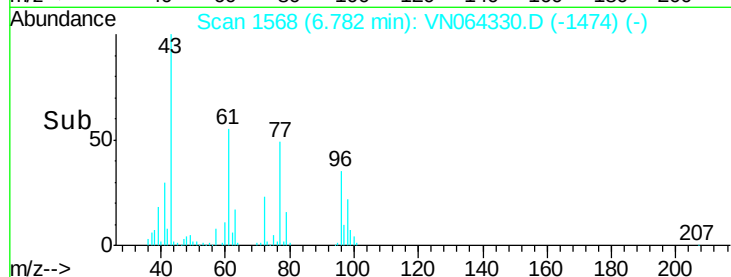
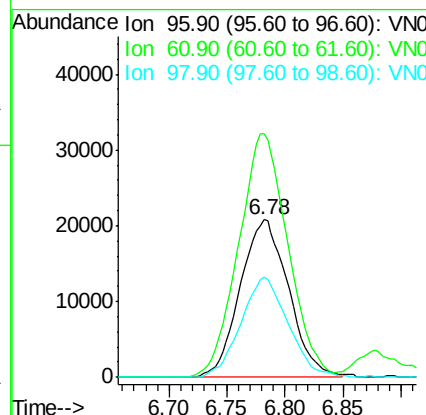
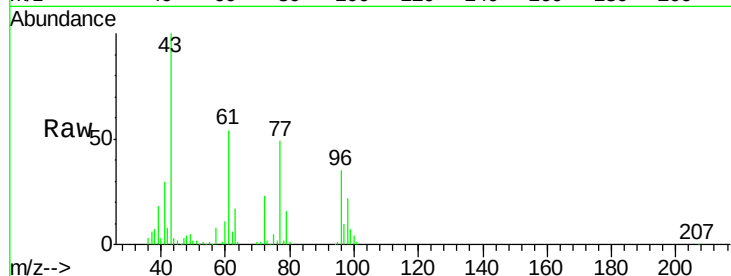
ClientSampleId :

VN1027WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 60291 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 157.3 | 0.0   | 325.0 |
| 98       | 61.9  | 0.0   | 128.4 |

Manual Integrations  
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#28

Bromochloromethane

Concen: 16.407 ug/l

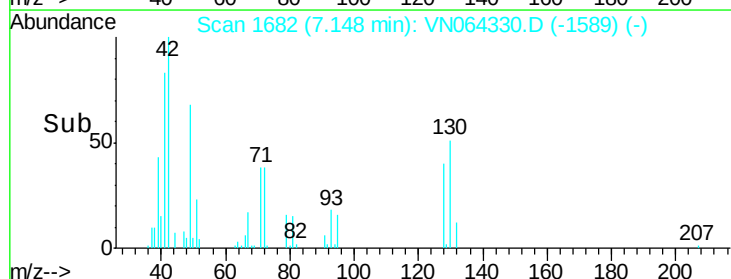
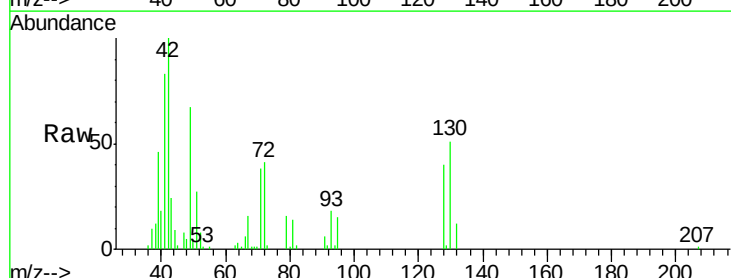
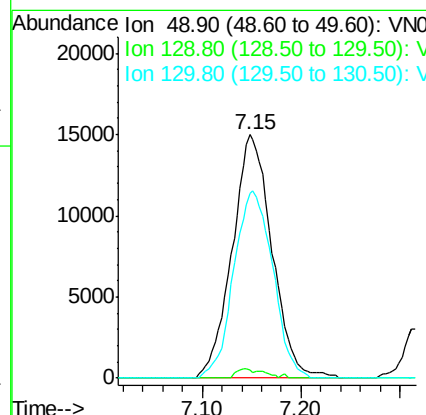
RT: 7.15 min Scan# 1682

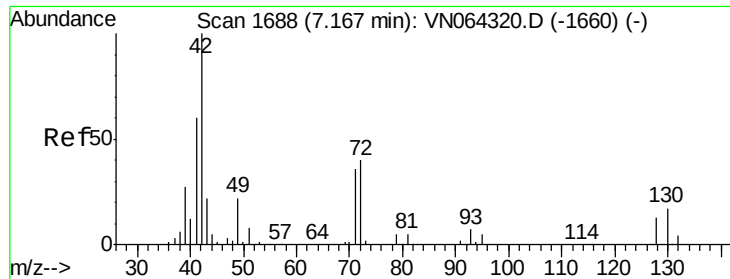
Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 42032 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.7   | 0.0   | 2.8   |
| 130      | 75.3  | 56.2  | 84.2  |





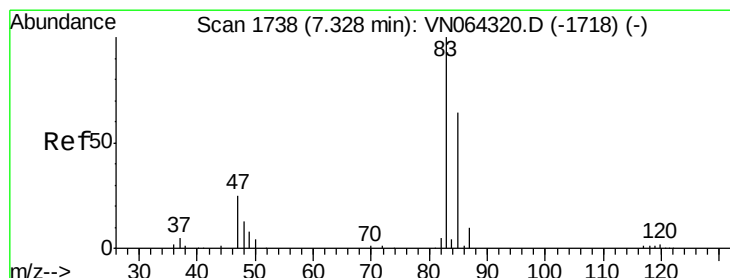
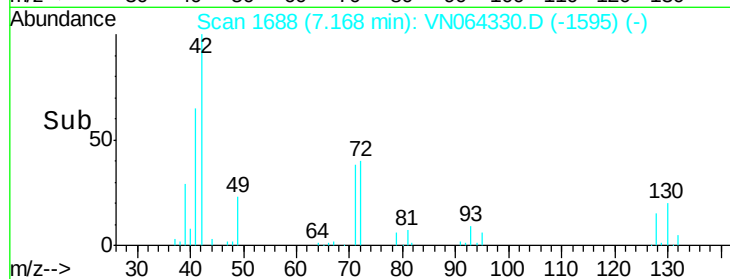
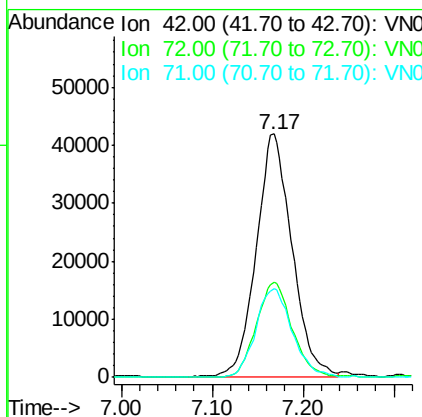
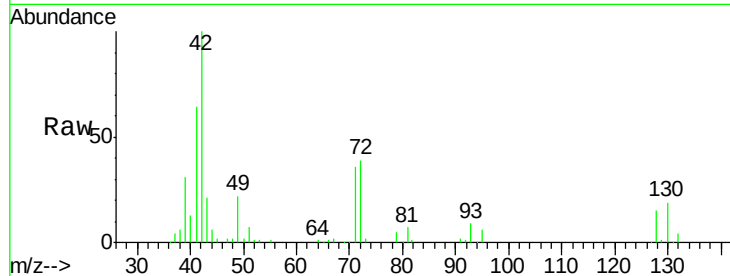
#29  
Tetrahydrofuran  
Concen: 87.320 ug/l  
RT: 7.17 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 39.0  | 31.6  | 47.4  |
| 71      | 36.8  | 29.4  | 44.0  |

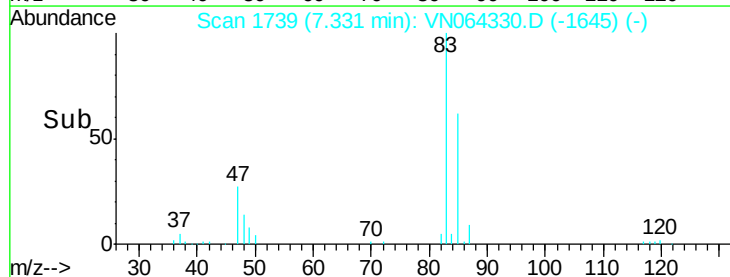
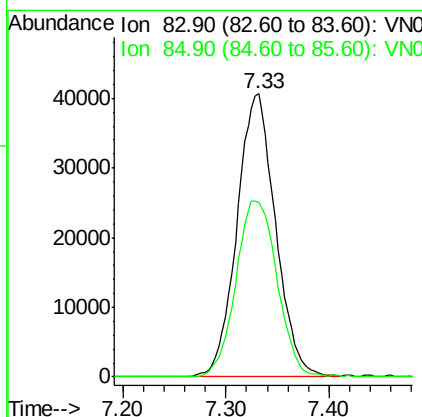
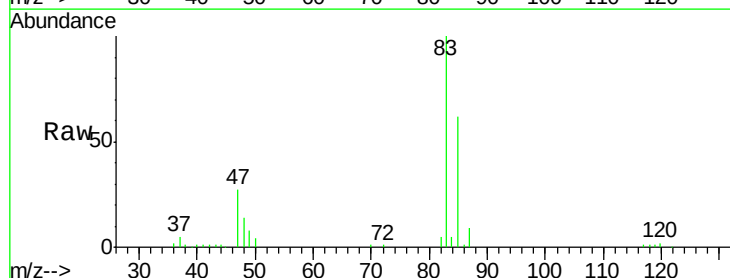
Manual Integrations  
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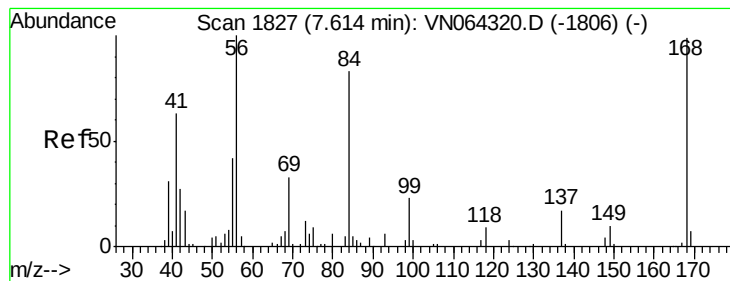
MMDadoda  
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#30  
Chloroform  
Concen: 18.415 ug/l  
RT: 7.33 min Scan# 1739  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 61.5  | 51.1  | 76.7  |





#31

Cyclohexane

Concen: 19.116 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

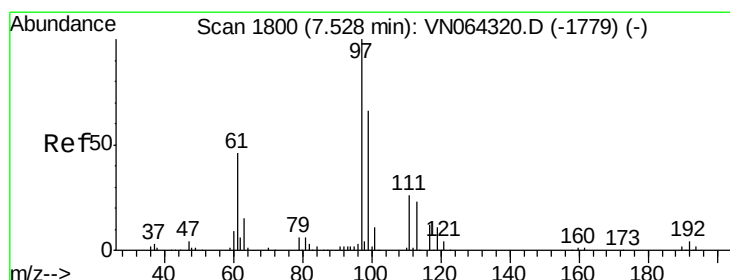
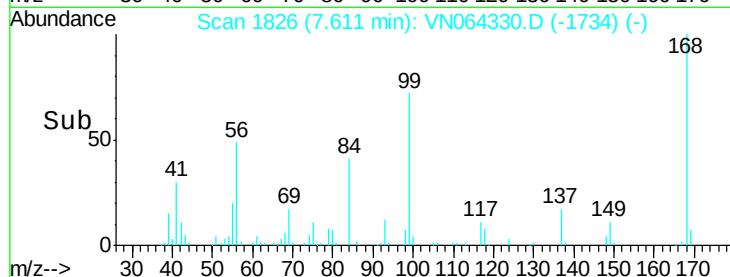
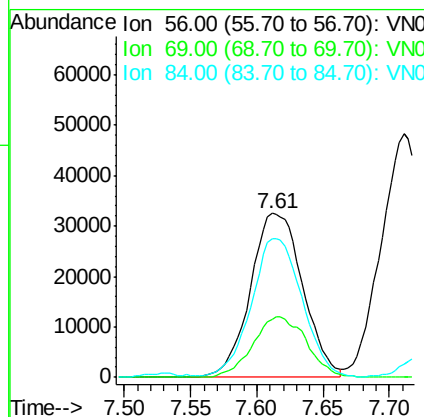
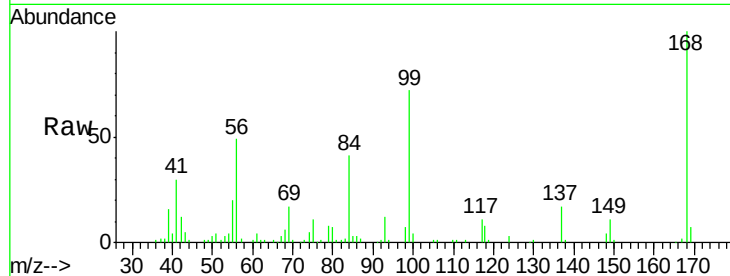
ClientSampleId :

VN1027WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 56    | Resp: | 89849 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 35.4  | 25.8  | 38.8  |
| 84        | 82.7  | 66.3  | 99.5  |

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#32

1,1,1-Trichloroethane

Concen: 18.637 ug/l

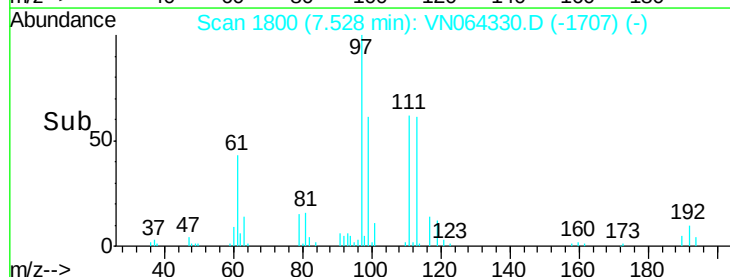
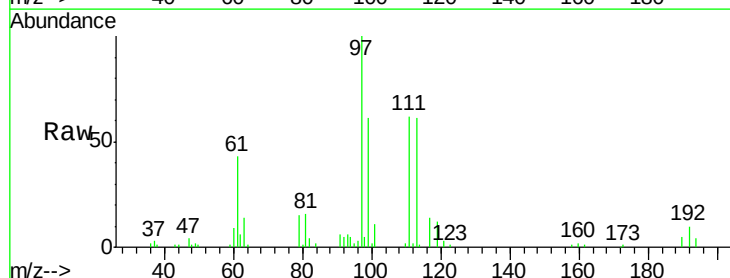
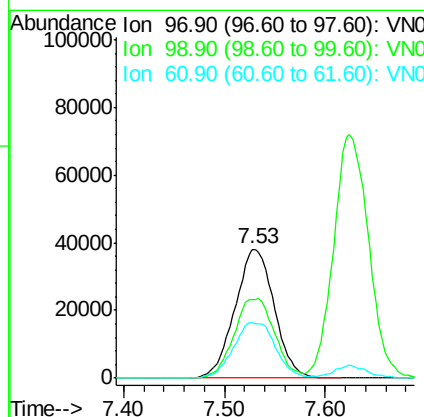
RT: 7.53 min Scan# 1800

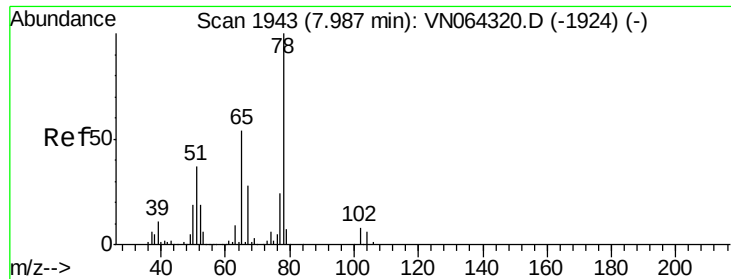
Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 102714 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 63.9  | 50.6  | 76.0   |
| 61        | 46.3  | 35.8  | 53.6   |





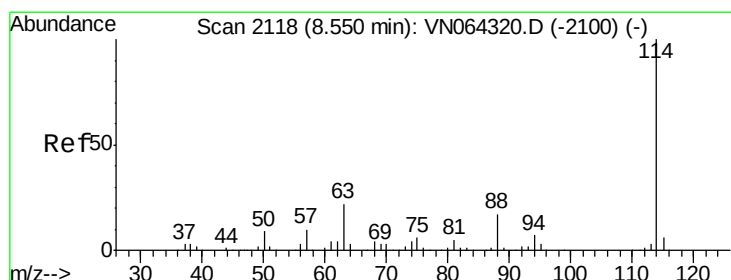
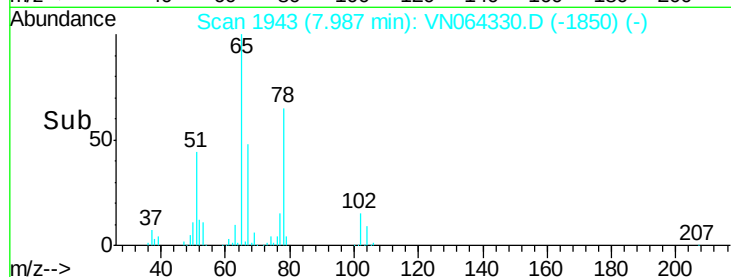
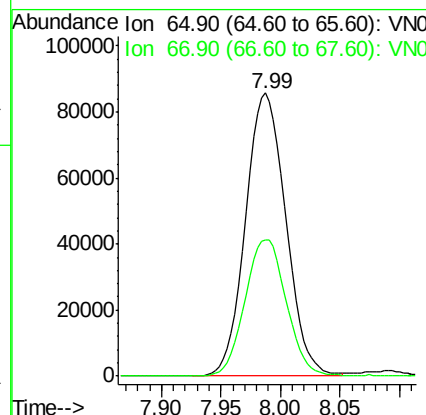
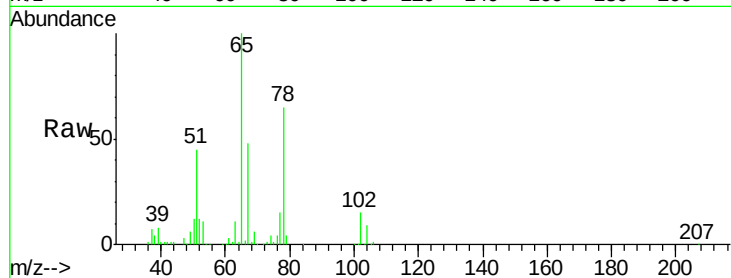
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.732 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1027WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 201402 |       |       |
| 67      | 49.3  | 0.0    | 99.2  |       |

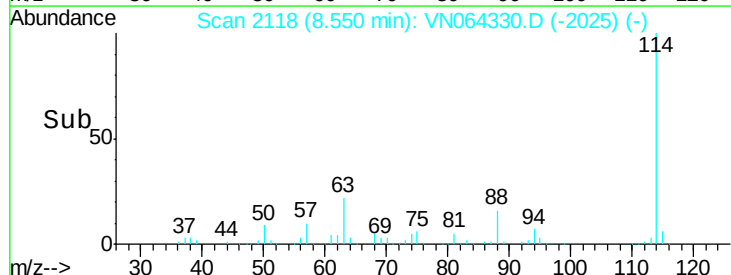
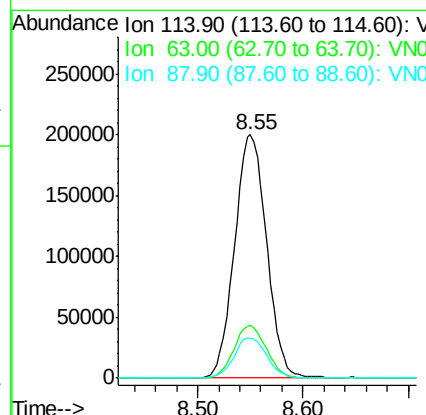
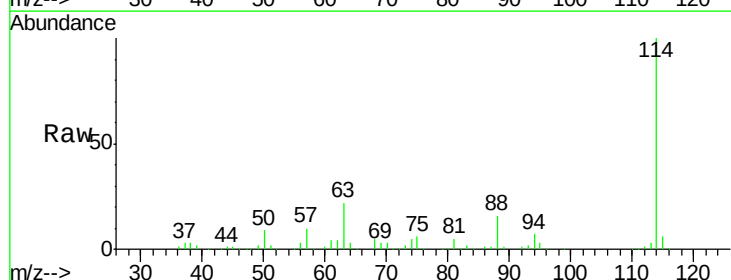
Manual Integrations  
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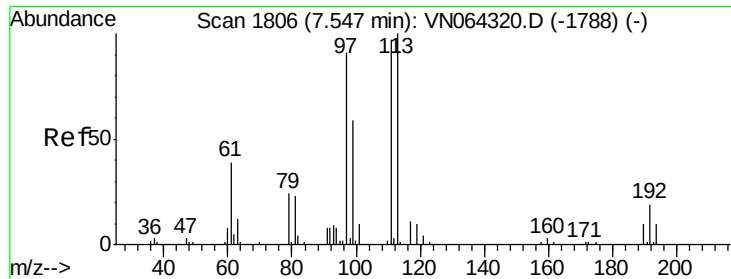
MMDadoda  
 10/28/2020 12:36:15 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 421361 |       |       |
| 63      | 21.5  | 0.0    | 44.6  |       |
| 88      | 16.4  | 0.0    | 33.4  |       |





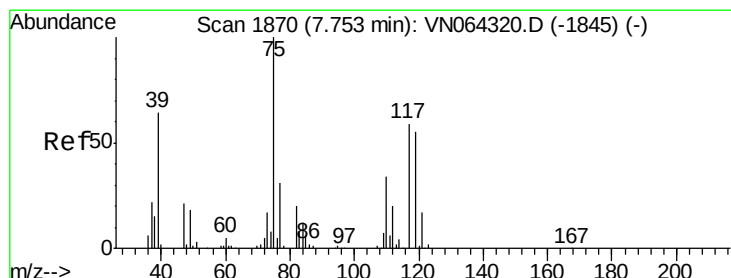
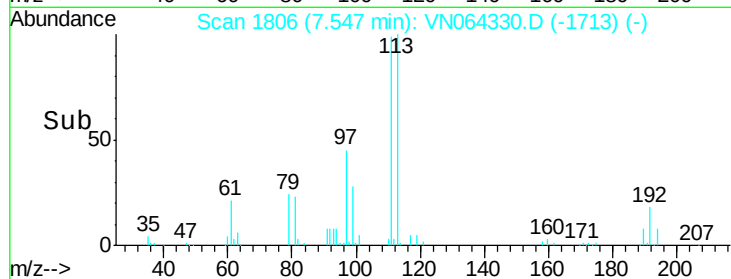
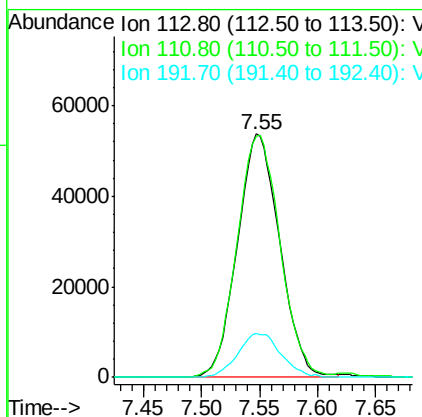
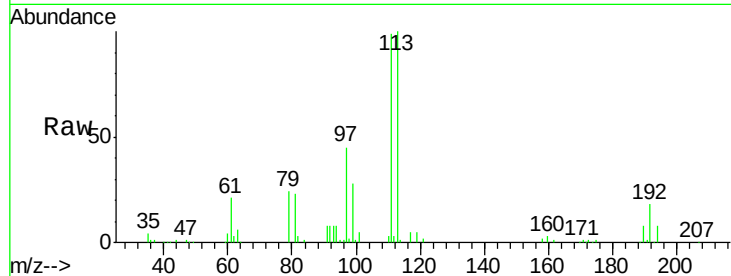
#35  
 Dibromofluoromethane  
 Concen: 48.520 ug/l  
 RT: 7.55 min Scan# 1806  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1027WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.5 | 81.5  | 122.3 |
| 192     | 18.4  | 15.0  | 22.4  |

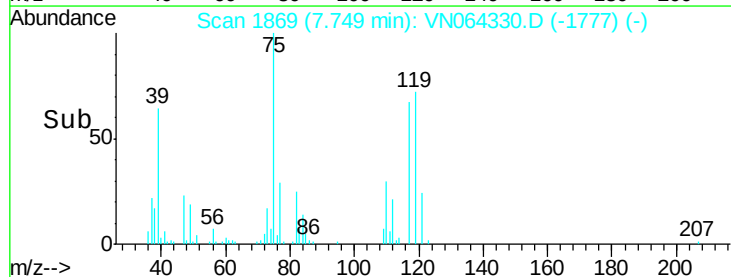
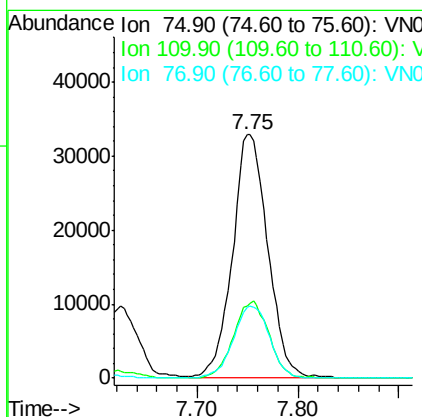
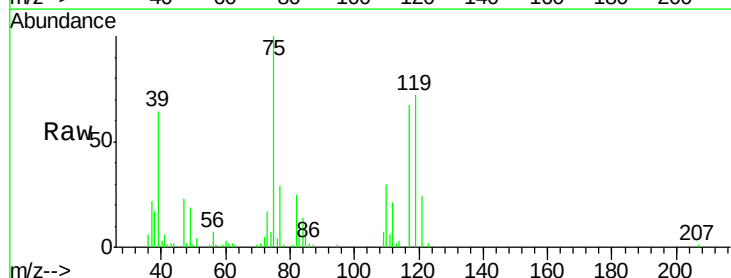
Manual Integrations  
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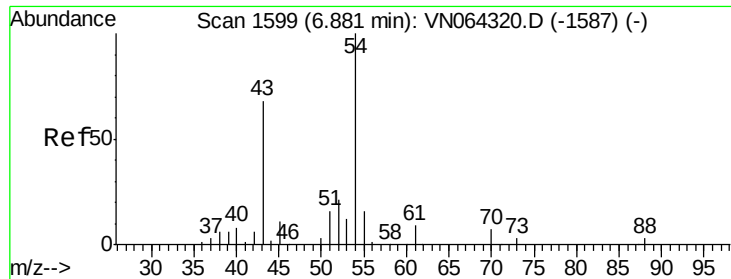
MMDadoda  
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#36  
 1,1-Dichloropropene  
 Concen: 18.854 ug/l  
 RT: 7.75 min Scan# 1869  
 Delta R.T. -0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 31.3  | 16.8  | 50.3  |
| 77      | 30.3  | 24.2  | 36.4  |





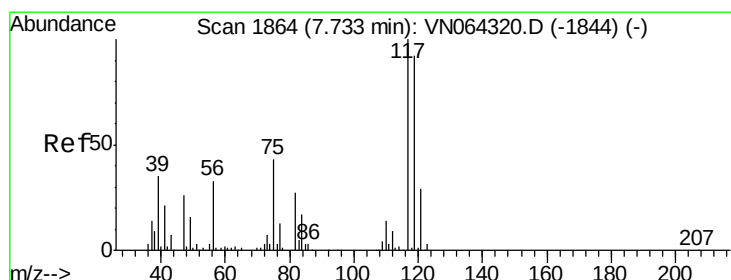
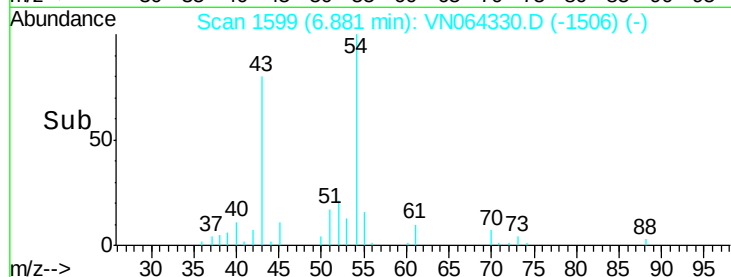
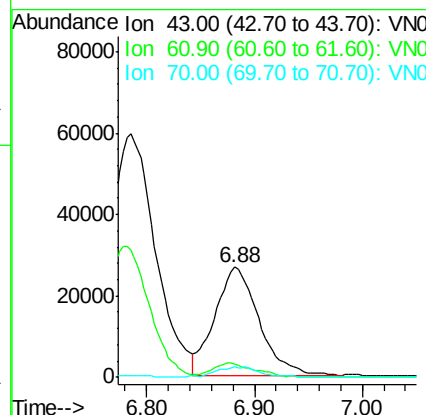
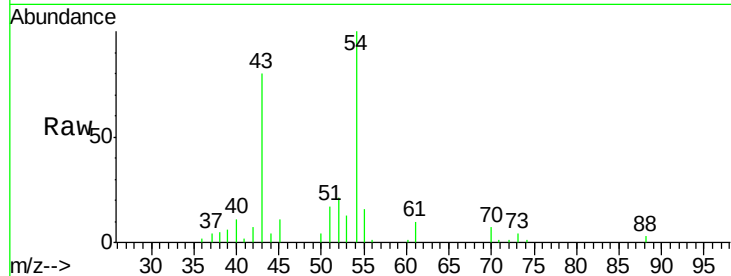
#37  
Ethyl Acetate  
Concen: 17.720 ug/l  
RT: 6.88 min Scan# 1599  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 12.8  | 10.0  | 15.0  |
| 70      | 9.4   | 7.1   | 10.7  |

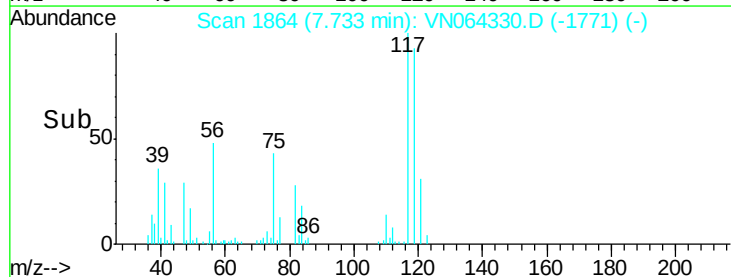
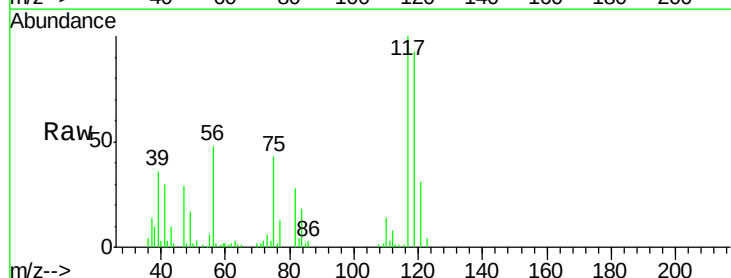
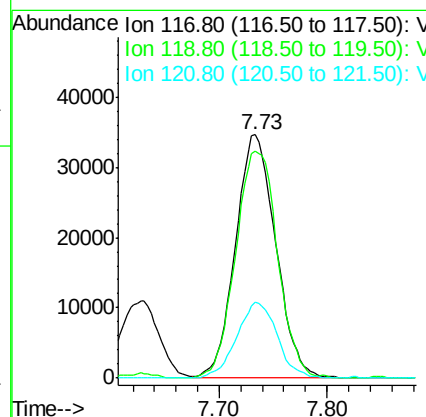
Manual Integrations  
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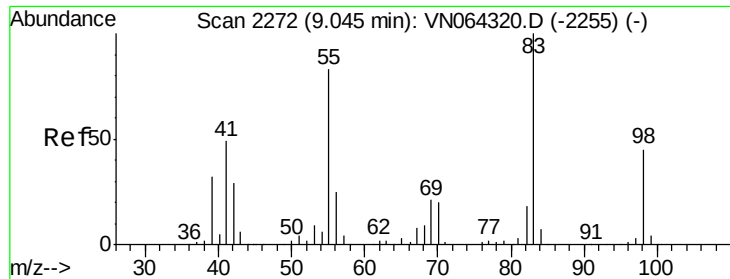


#38  
Carbon Tetrachloride  
Concen: 18.288 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.4  | 73.7  | 110.5 |
| 121     | 31.0  | 22.8  | 34.2  |







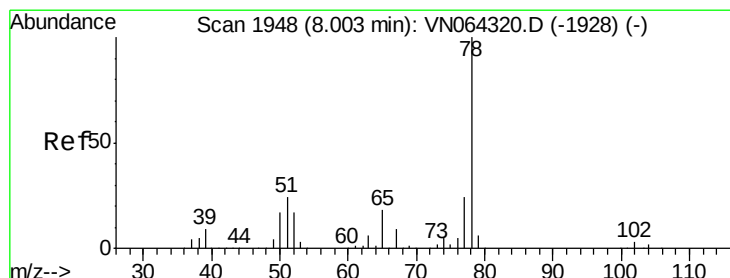
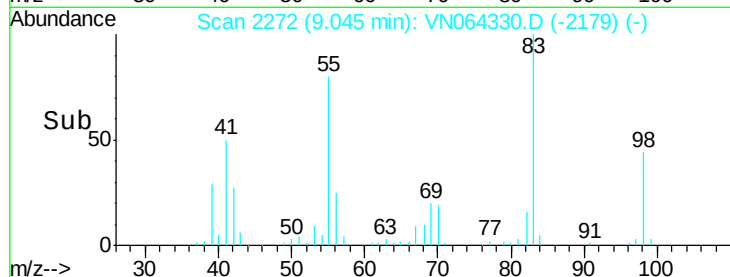
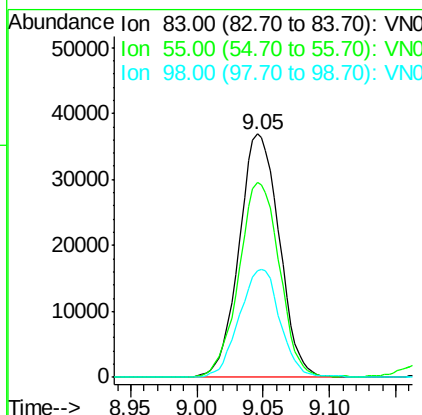
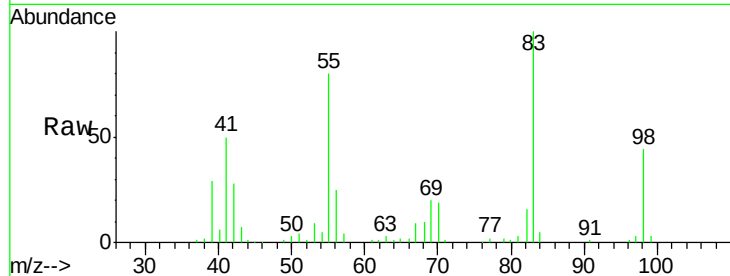
#39  
Methylvlcyclohexane  
Concen: 18.469 ug/l  
RT: 9.05 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD01

| Tot Ion   | 83   | Resp  | 77876 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 55        | 80.0 | 66.2  | 99.4  |
| 98        | 43.9 | 36.0  | 54.0  |

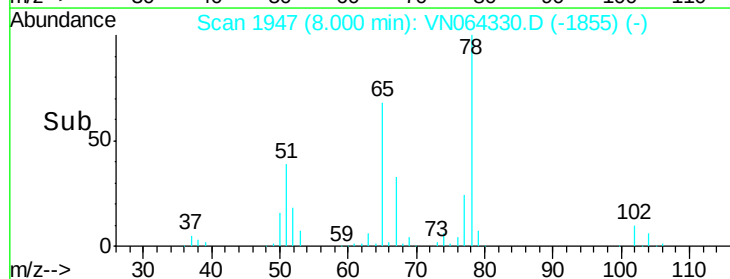
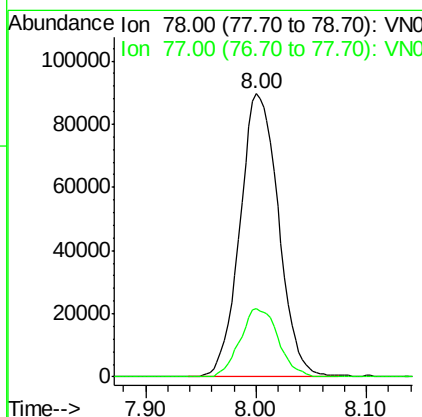
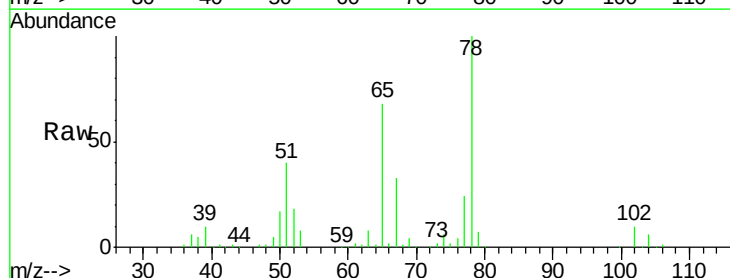
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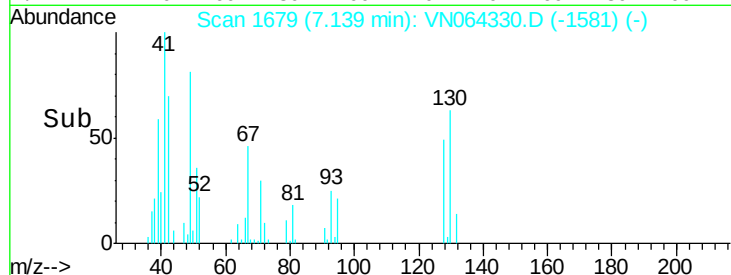
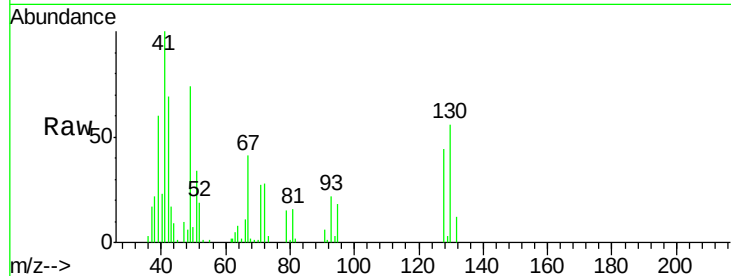
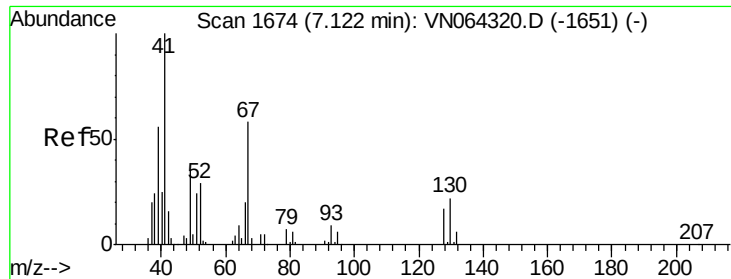
MMDadoda  
10/28/2020 12:36:15 PM



#40  
Benzene  
Concen: 18.274 ug/l  
RT: 8.00 min Scan# 1947  
Delta R.T. -0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

| Tgt Ion   | 78   | Resp  | 216312 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 78        | 100  |       |        |
| 77        | 24.3 | 18.8  | 28.2   |





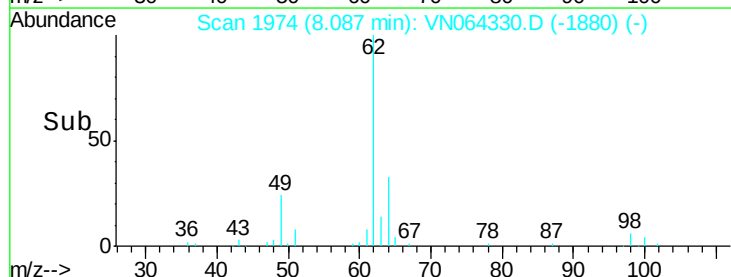
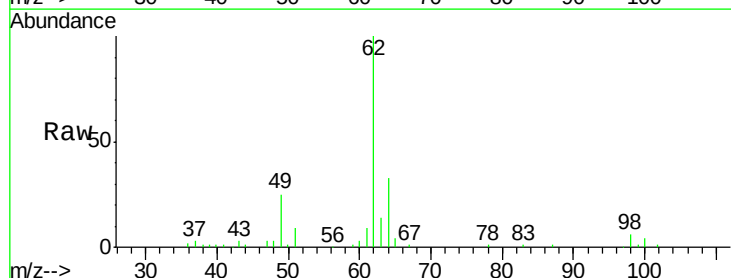
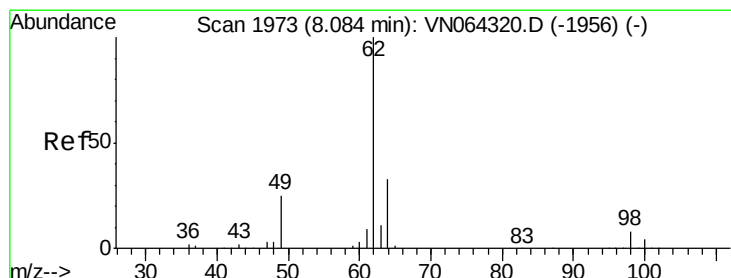
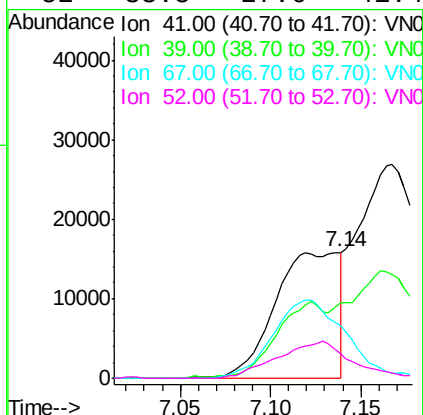
#41  
Methacrylonitrile  
Concen: 18.367 ug/l m  
RT: 7.14 min Scan# 1679  
Delta R.T. 0.02 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

| Tot Ion   | 41    | Resp  | 39163 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 45.9  | 48.6  | 72.8# |
| 67        | 70.6  | 61.4  | 92.2  |
| 52        | 33.5  | 27.6  | 41.4  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD01

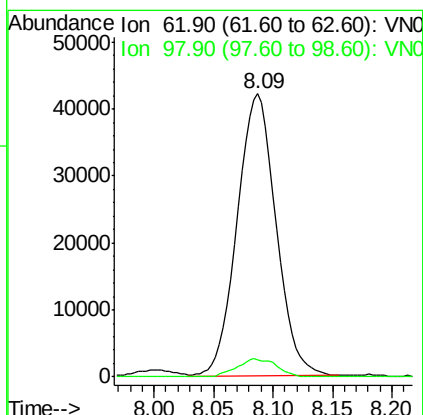
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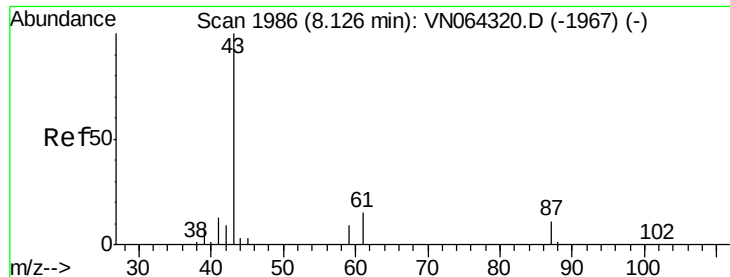
MMDadoda  
10/28/2020 12:36:15 PM



#42  
1,2-Dichloroethane  
Concen: 18.713 ug/l  
RT: 8.09 min Scan# 1974  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

| Tgt Ion   | 62    | Resp  | 95686 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 6.4   | 0.0   | 14.2  |





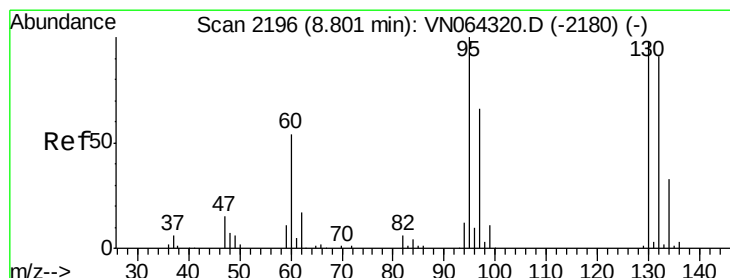
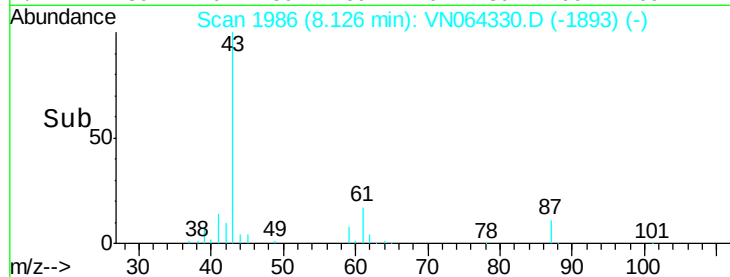
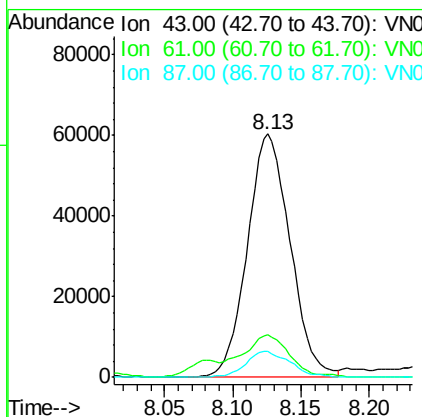
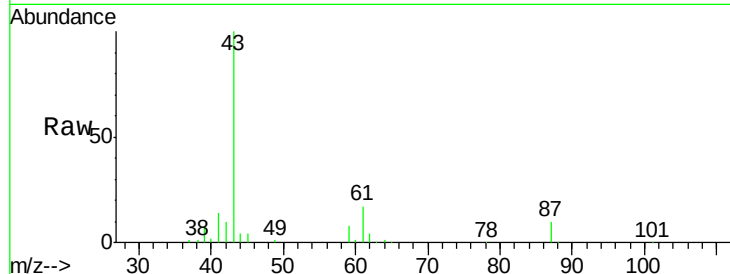
#43  
Isopropyl Acetate  
Concen: 17.919 ug/l  
RT: 8.13 min Scan# 1986  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 18.8  | 19.1  | 28.7# |
| 87      | 11.0  | 9.3   | 13.9  |

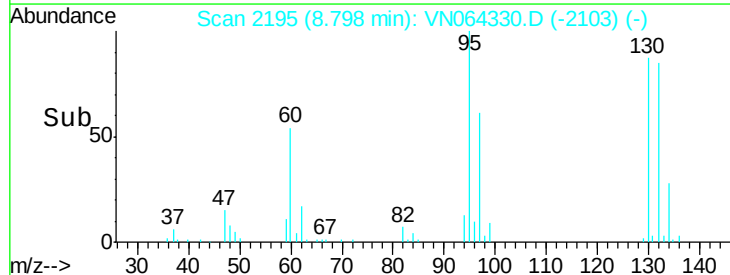
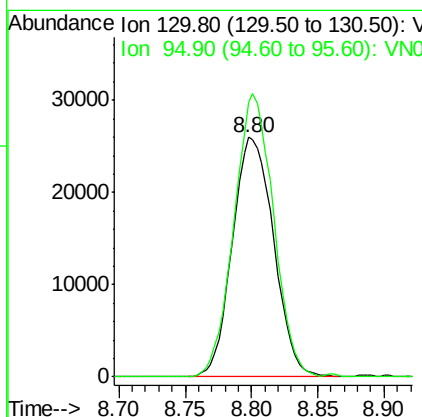
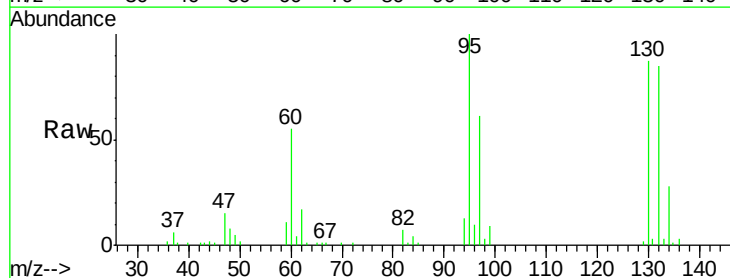
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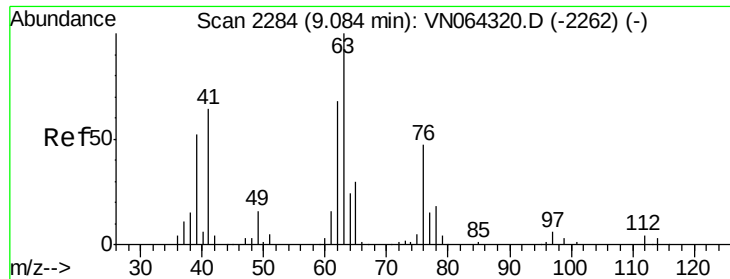
MMDadoda  
10/28/2020 12:36:15 PM



#44  
Trichloroethene  
Concen: 18.156 ug/l  
RT: 8.80 min Scan# 2195  
Delta R.T. -0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 114.9 | 0.0   | 203.6 |





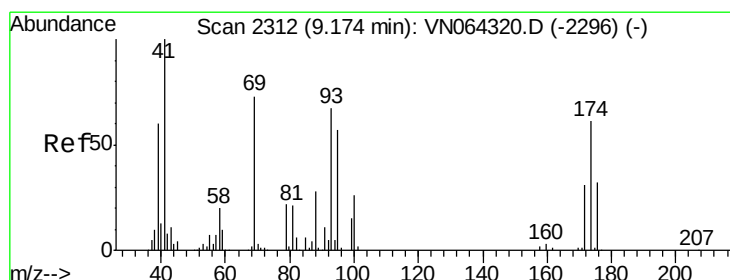
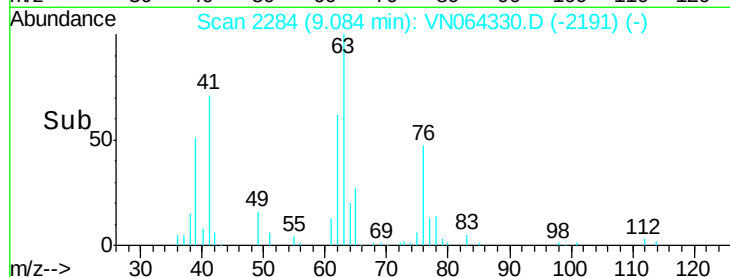
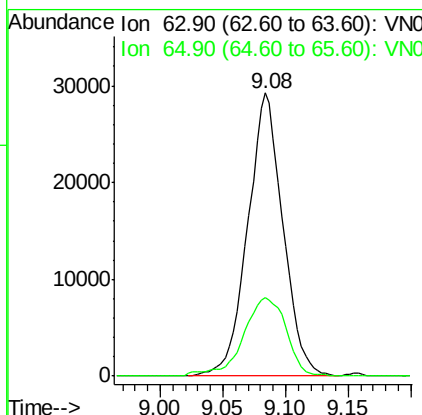
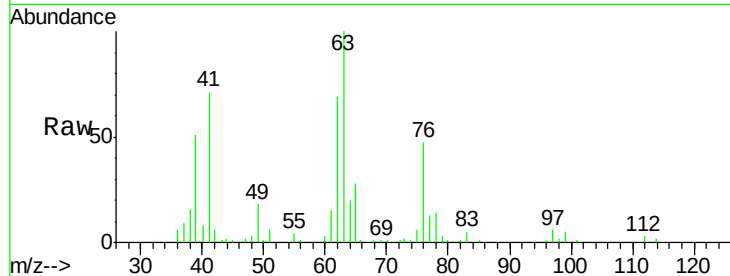
#45  
 1,2-Dichloropropane  
 Concen: 18.014 ug/l  
 RT: 9.08 min Scan# 2284  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1027WBSD01

Tot Ion: 63 Resp: 57099  
 Ion Ratio Lower Upper  
 63 100  
 65 27.9 24.3 36.5

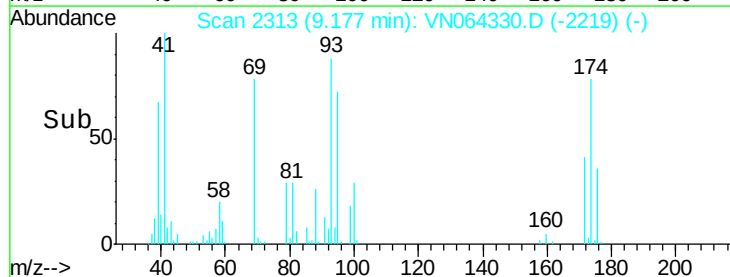
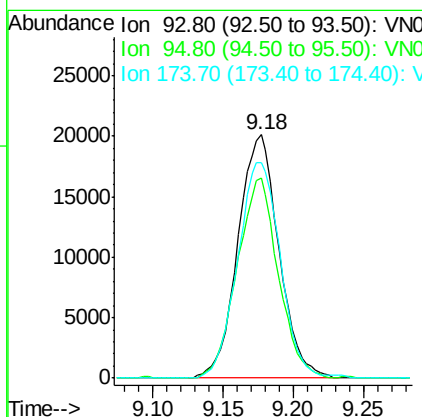
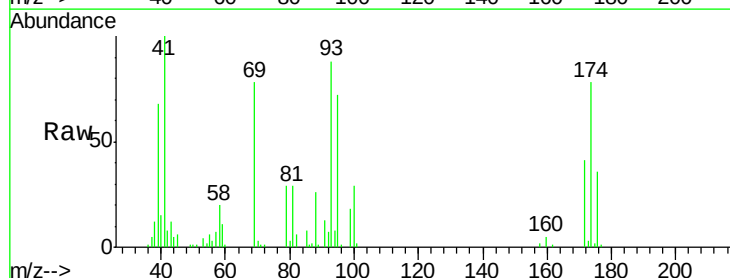
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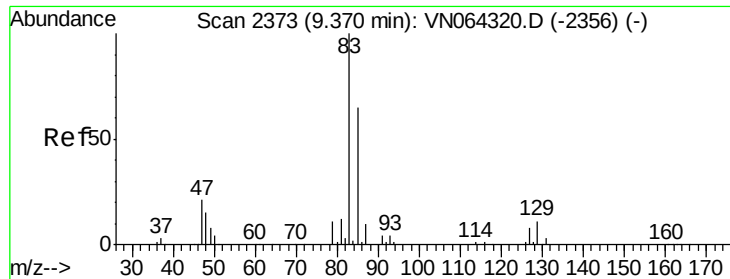
MMDadoda  
 10/28/2020 12:36:15 PM



#46  
 Dibromomethane  
 Concen: 18.412 ug/l  
 RT: 9.18 min Scan# 2313  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

Tgt Ion: 93 Resp: 40828  
 Ion Ratio Lower Upper  
 93 100  
 95 82.4 64.4 96.6  
 174 92.3 71.4 107.0





#47

Bromodichloromethane

Concen: 17.904 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

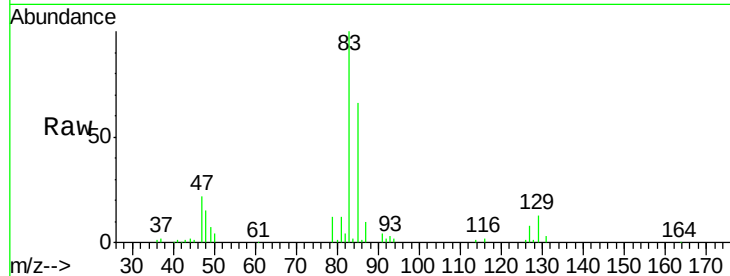
ClientSampleId :

VN1027WBSD01

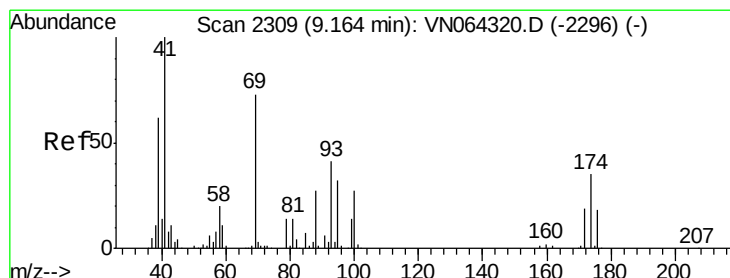
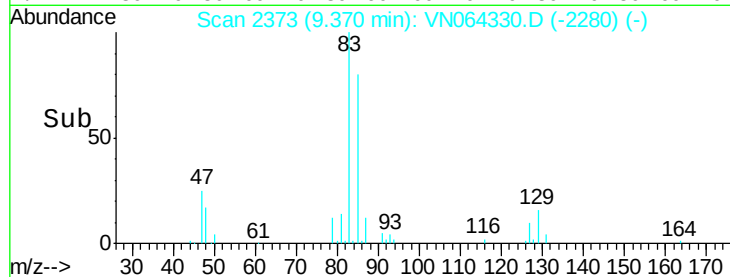
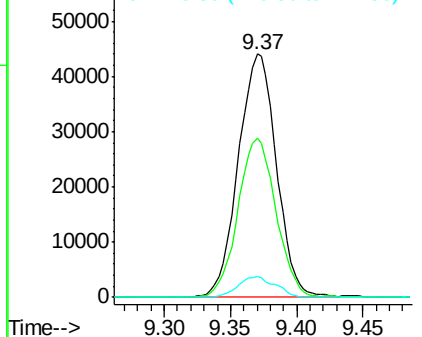
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 87985 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.5  | 52.1  | 78.1  |
| 127      | 8.4   | 6.7   | 10.1  |

Manual Integrations  
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10/28/2020 12:36:15 PM



Abundance Ion 82.90 (82.60 to 83.60): VN064330.D (-2280) (-)



#48

Methyl methacrylate

Concen: 17.362 ug/l

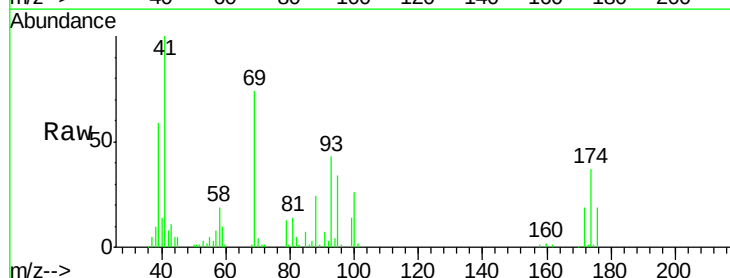
RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

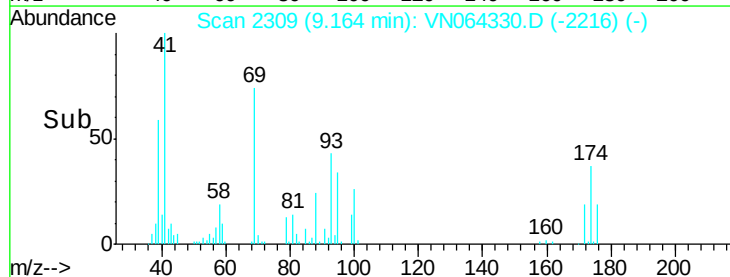
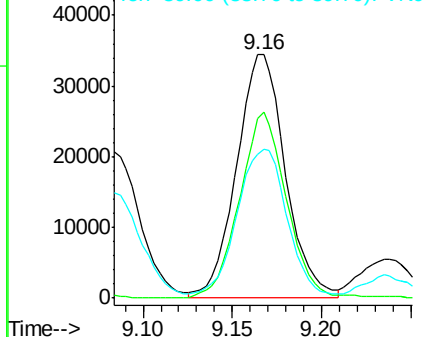
Lab File: VN064330.D

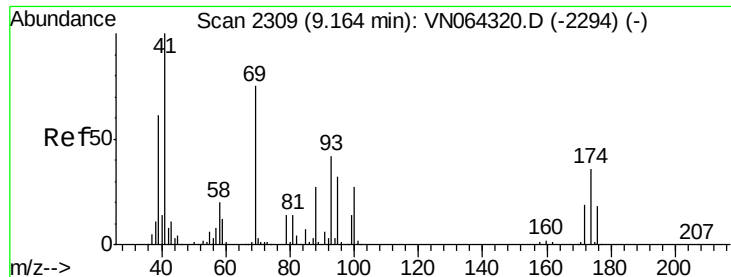
Acq: 27 Oct 2020 16:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 65776 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 73.3  | 59.1  | 88.7  |
| 39       | 63.6  | 51.3  | 76.9  |



Abundance Ion 41.00 (40.70 to 41.70): VN064330.D (-2216) (-)





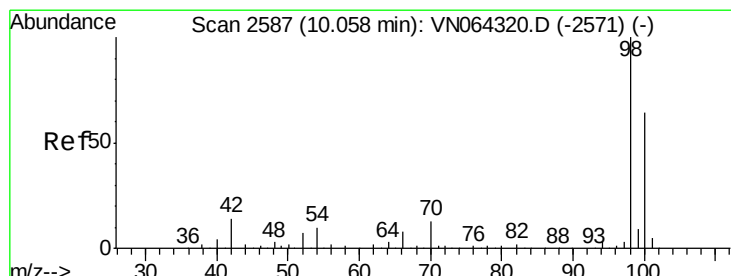
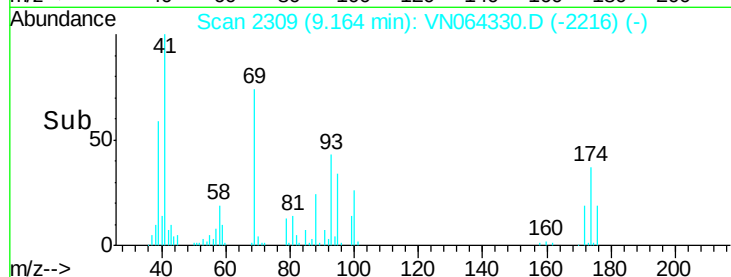
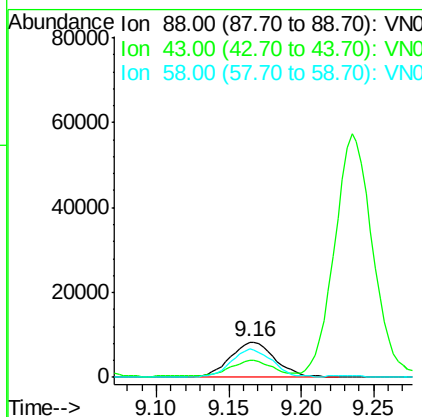
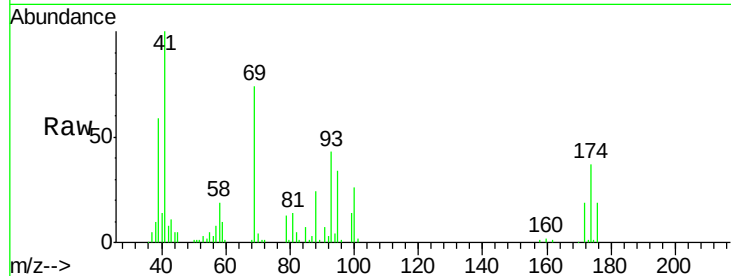
#49  
1,4-Dioxane  
Concen: 321.822 ug/l  
RT: 9.16 min Scan# 2309  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD01

| Tot Ion   | 88    | Resp  | 17970 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 40.1  | 31.8  | 47.8  |
| 58        | 73.5  | 60.3  | 90.5  |

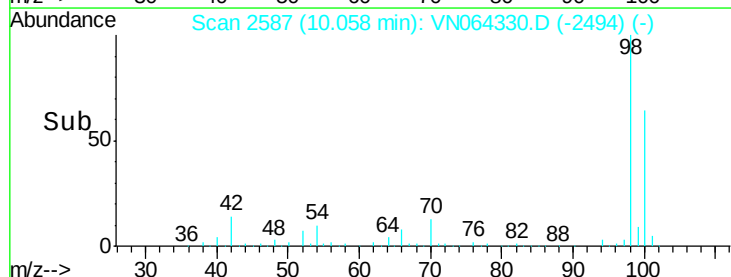
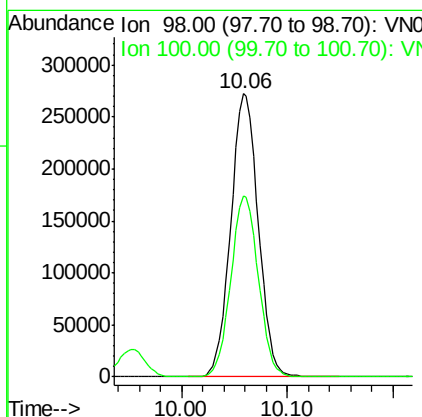
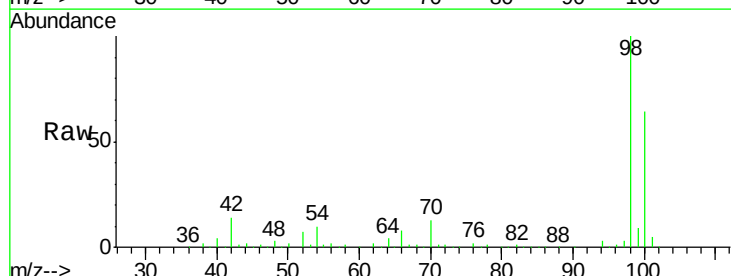
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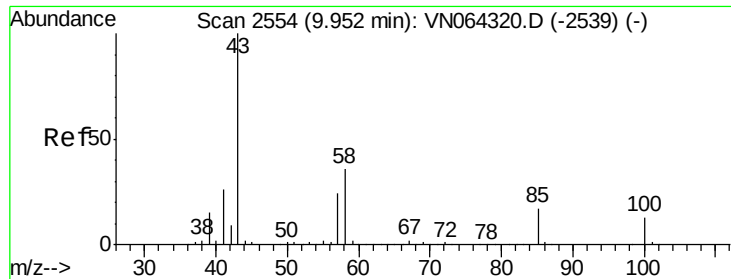
MMDadoda  
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#50  
Toluene-d8  
Concen: 47.321 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

| Tgt Ion   | 98    | Resp  | 491838 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 63.8  | 50.9  | 76.3   |





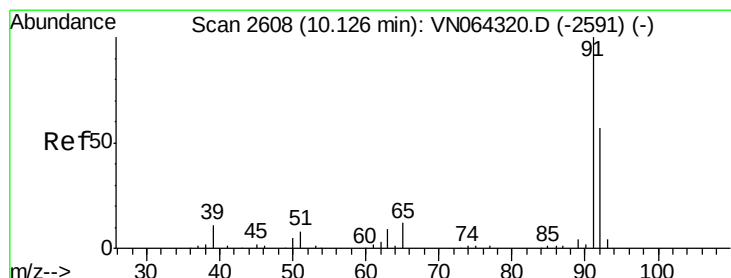
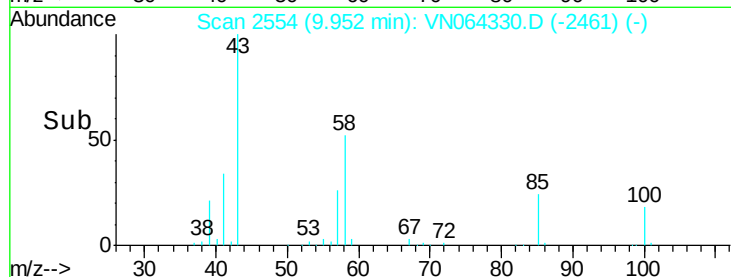
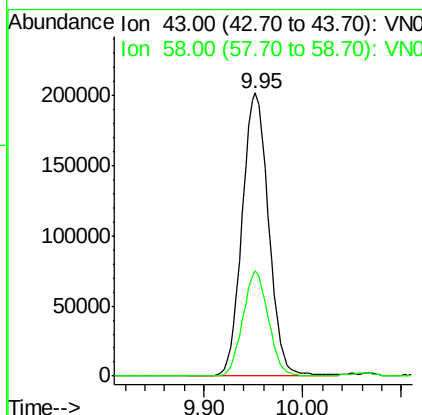
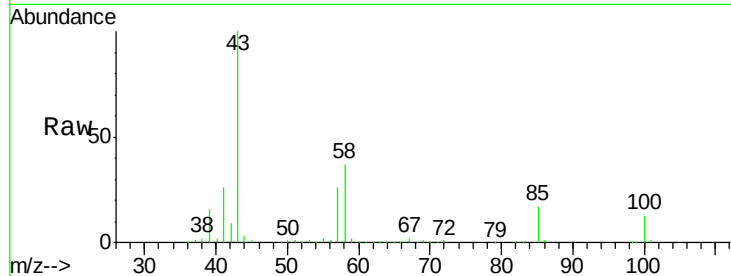
#51  
4-Methyl-2-Pentanone  
Concen: 87.733 ug/l  
RT: 9.95 min Scan# 2554  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD01

| Tot Ion | 43  | 58   | Ratio | Lower | Upper |
|---------|-----|------|-------|-------|-------|
| 374463  | 100 | 35.6 |       | 28.6  | 42.8  |

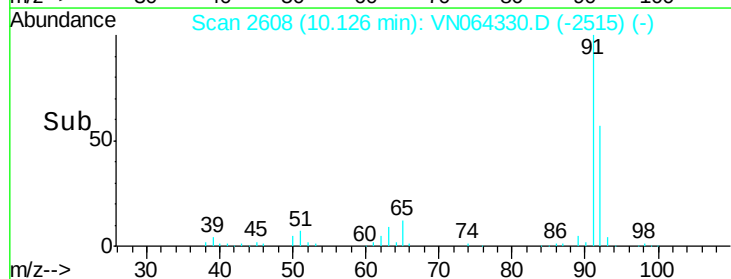
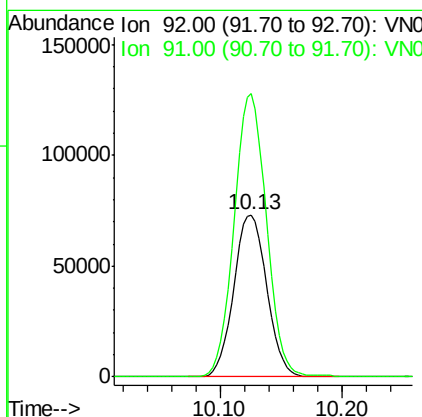
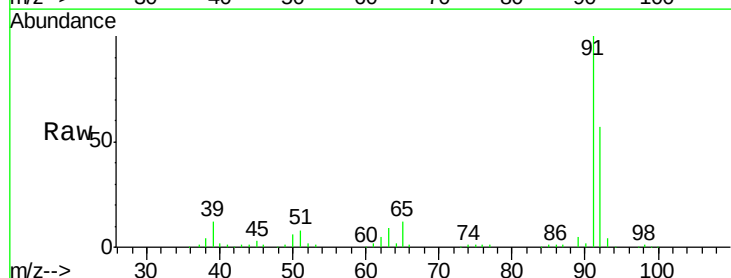
Manual Integrations  
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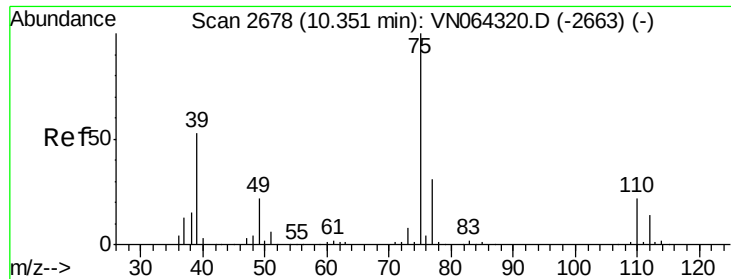
MMDadoda  
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#52  
Toluene  
Concen: 18.342 ug/l  
RT: 10.13 min Scan# 2608  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

| Tgt Ion | 92  | 91    | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 137000  | 100 | 171.4 |       | 139.9 | 209.9 |





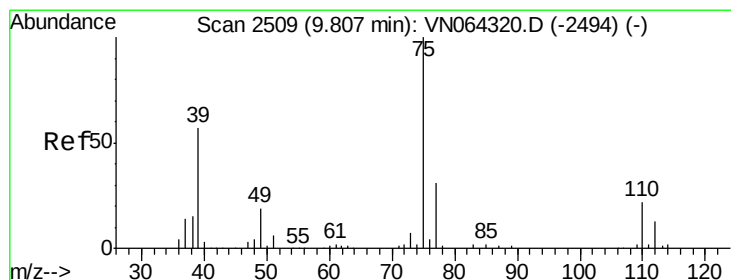
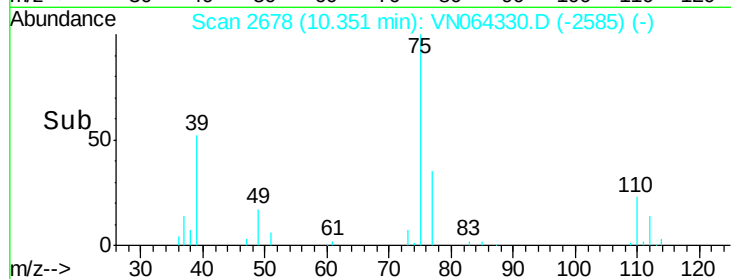
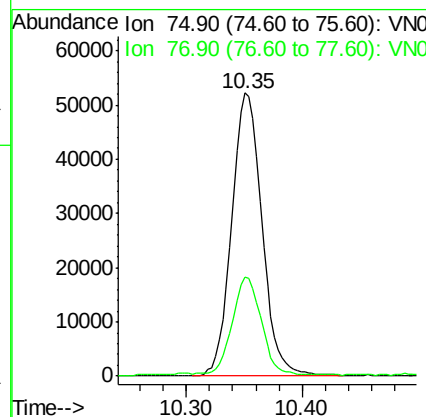
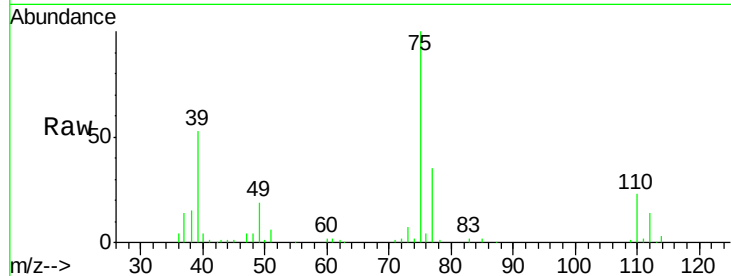
#53  
 t-1,3-Dichloropropene  
 Concen: 18.111 ug/l  
 RT: 10.35 min Scan# 2678  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1027WBSD01

Tot Ion: 75 Resp: 94109  
 Ion Ratio Lower Upper  
 75 100  
 77 34.8 24.8 37.2

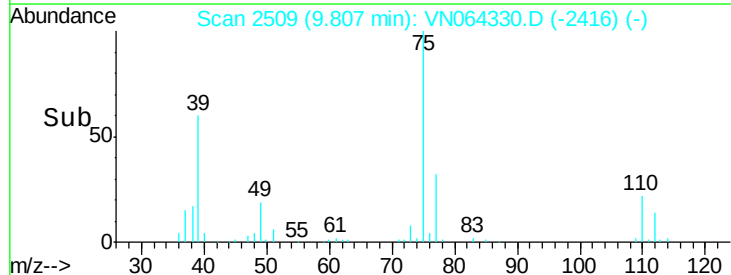
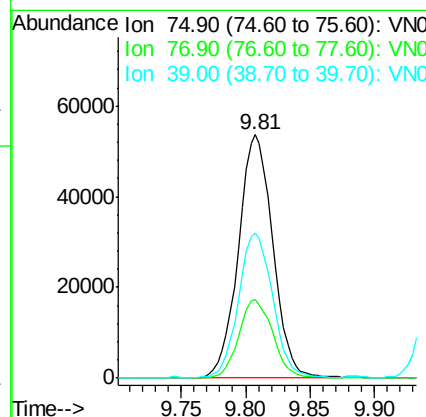
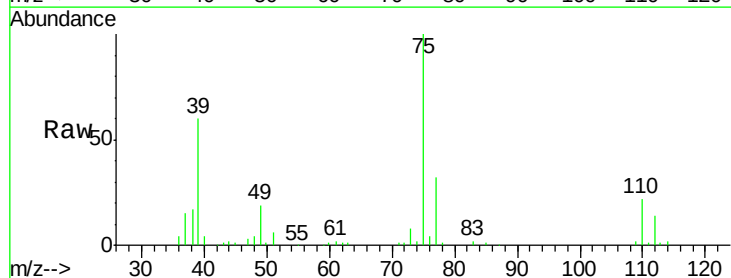
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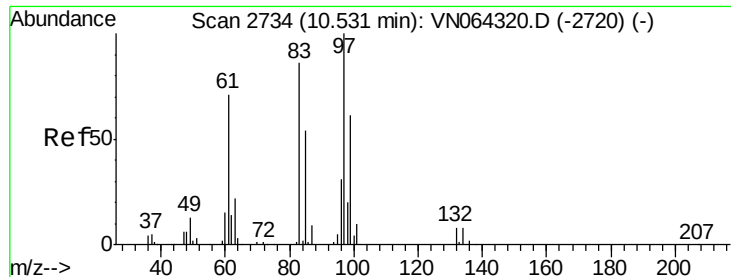


#54  
 cis-1,3-Dichloropropene  
 Concen: 18.670 ug/l  
 RT: 9.81 min Scan# 2509  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

Tgt Ion: 75 Resp: 99866  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 25.0 37.4  
 39 59.6 45.5 68.3







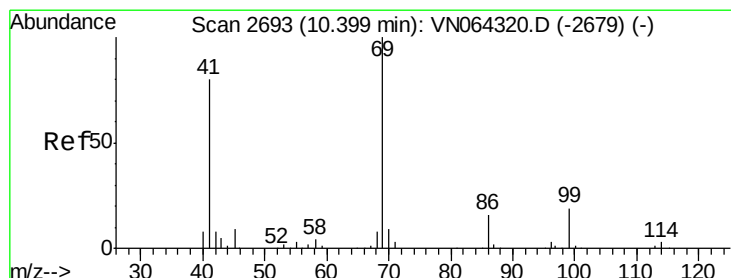
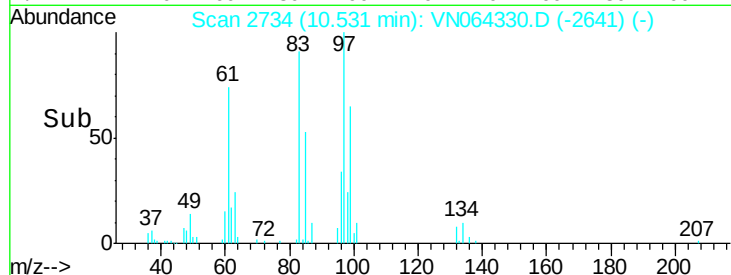
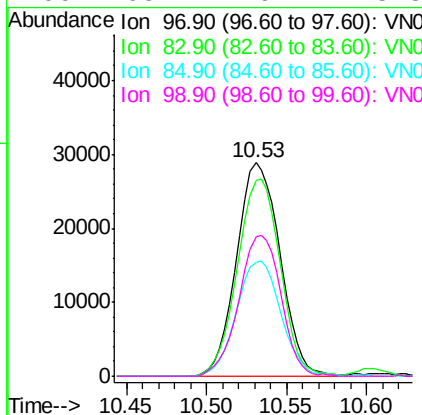
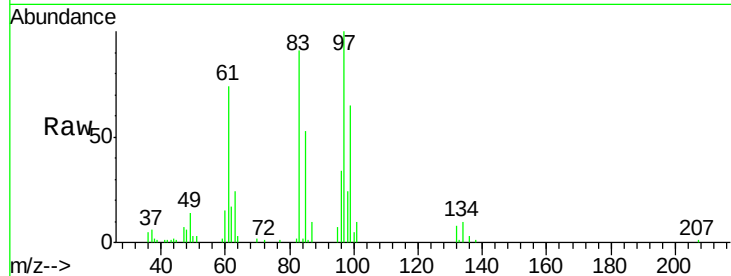
#55  
 1,1,2-Trichloroethane  
 Concen: 18.185 ug/l  
 RT: 10.53 min Scan# 2734  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1027WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 53616 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 91.5  | 68.9  | 103.3 |
| 85       | 53.4  | 43.6  | 65.4  |
| 99       | 65.2  | 49.2  | 73.8  |

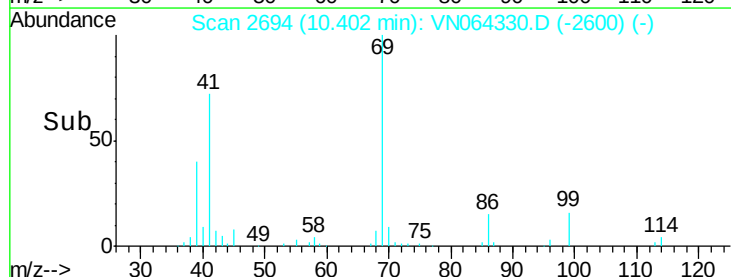
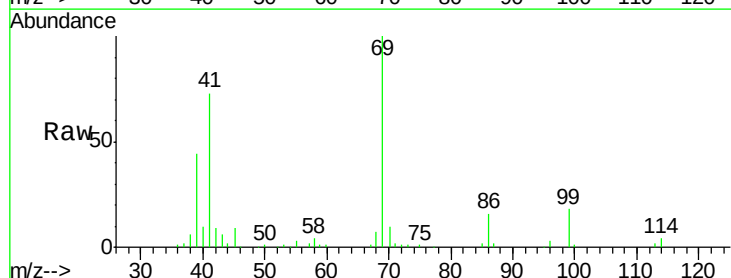
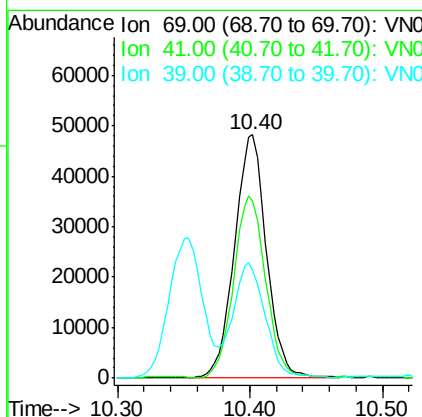
Manual Integrations  
 APPROVED

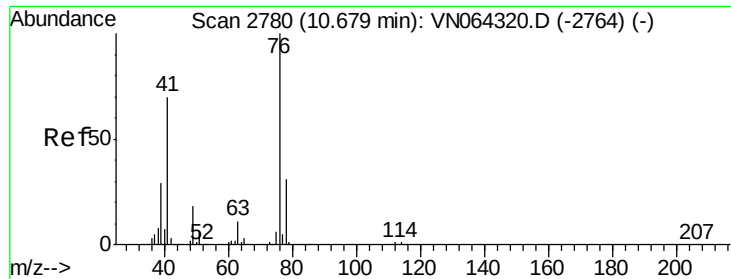
MMDadoda  
 10/28/2020 12:36:15 PM



#56  
 Ethyl methacrylate  
 Concen: 18.116 ug/l  
 RT: 10.40 min Scan# 2694  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 80856 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 75.3  | 61.4  | 92.2  |
| 39       | 47.5  | 36.5  | 54.7  |





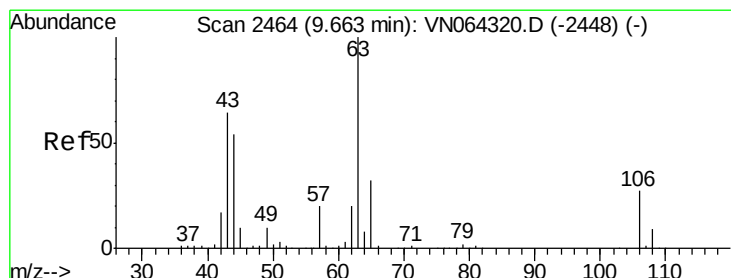
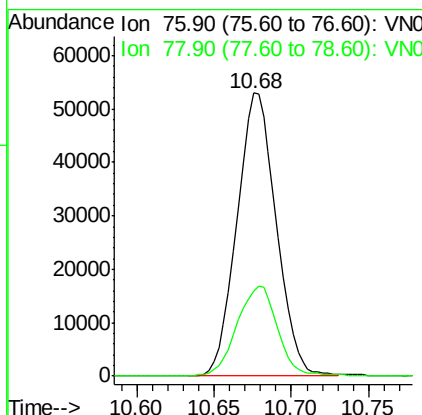
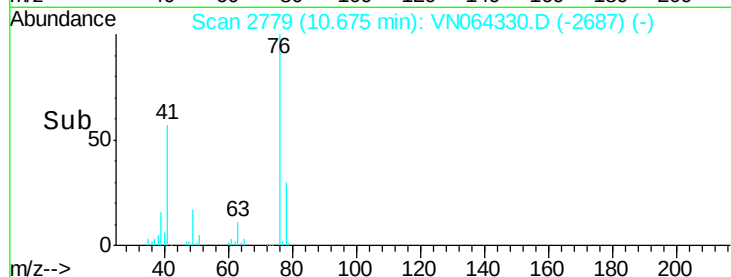
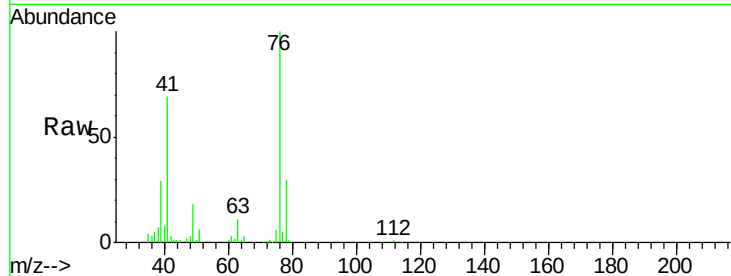
#57  
 1,3-Dichloropropane  
 Concen: 18.623 ug/l  
 RT: 10.68 min Scan# 2779  
 Delta R.T. -0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1027WBSD01

Tot Ion: 76 Resp: 93665  
 Ion Ratio Lower Upper  
 76 100  
 78 33.0 25.8 38.6

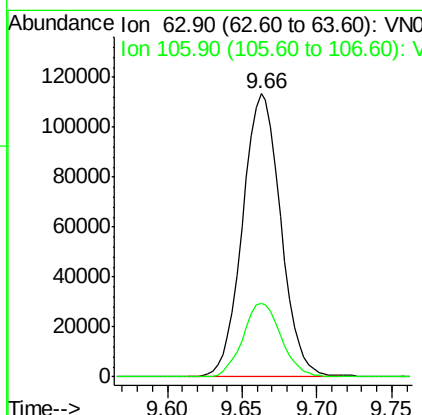
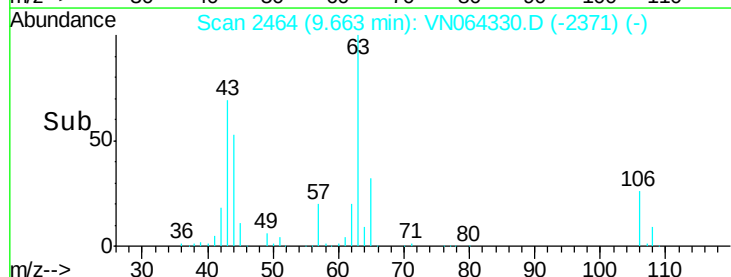
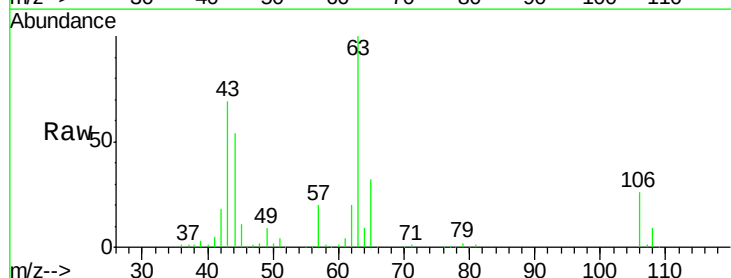
Manual Integrations  
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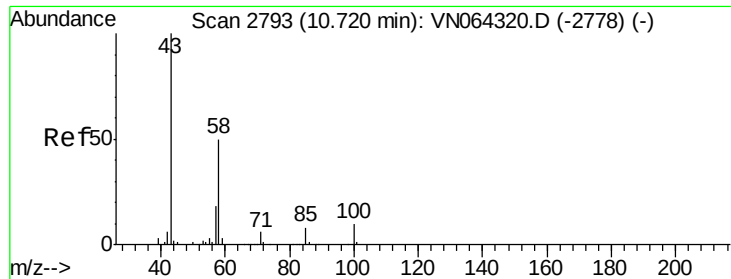
MMDadoda  
 10/28/2020 12:36:15 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 82.989 ug/l  
 RT: 9.66 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

Tgt Ion: 63 Resp: 202122  
 Ion Ratio Lower Upper  
 63 100  
 106 26.1 21.0 31.4





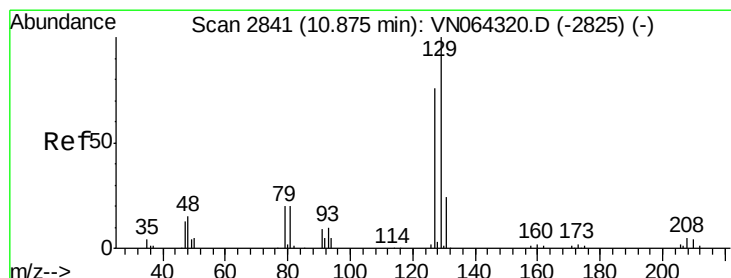
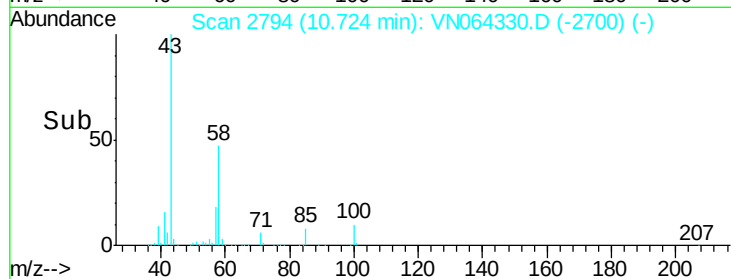
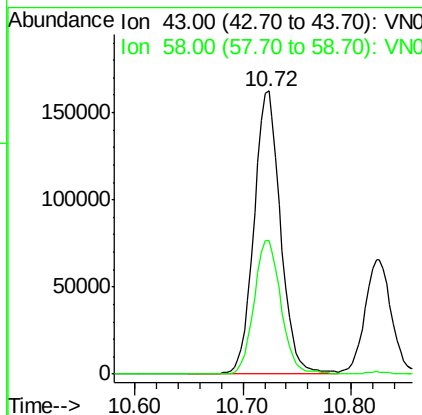
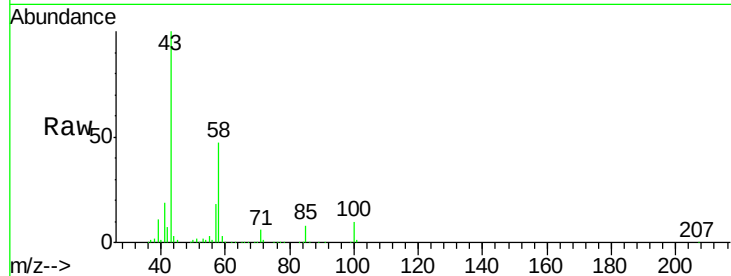
#59  
2-Hexanone  
Concen: 87.775 ug/l  
RT: 10.72 min Scan# 2794  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD01

Tot Ion: 43 Resp: 275925  
Ion Ratio Lower Upper  
43 100  
58 47.9 25.0 75.0

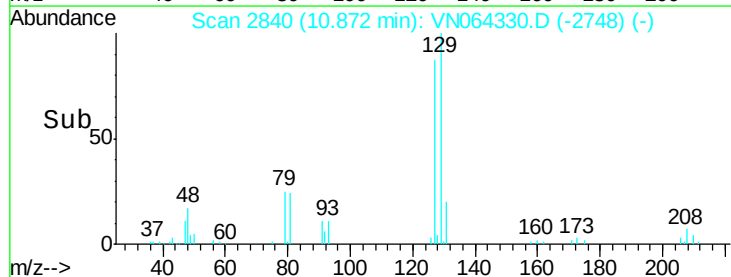
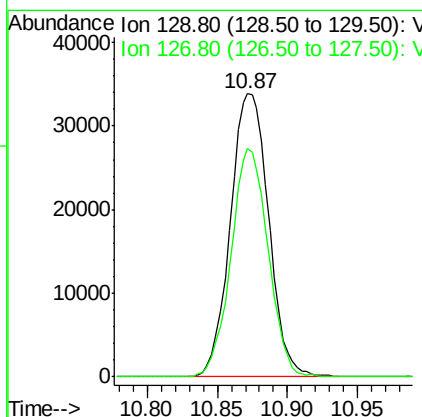
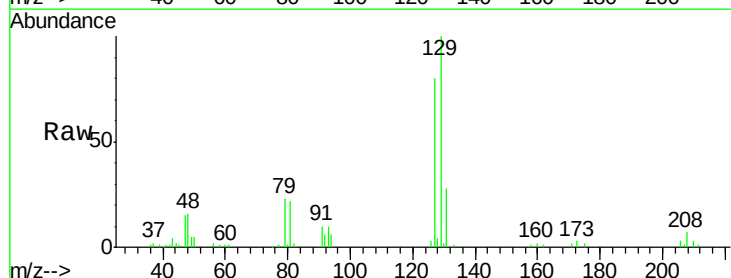
Manual Integrations  
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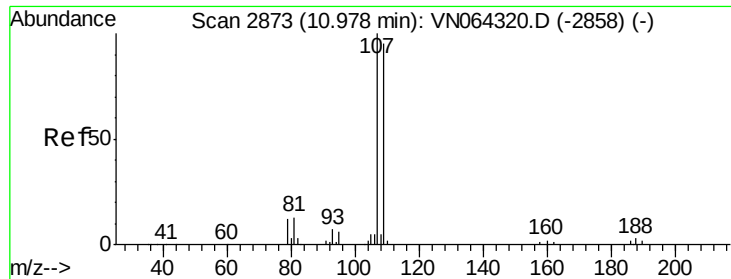
MMDadoda  
10/28/2020 12:36:15 PM



#60  
Dibromochloromethane  
Concen: 18.464 ug/l  
RT: 10.87 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Tgt Ion: 129 Resp: 64368  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.5 115.3





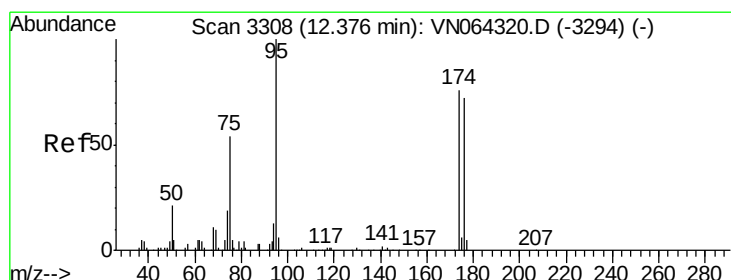
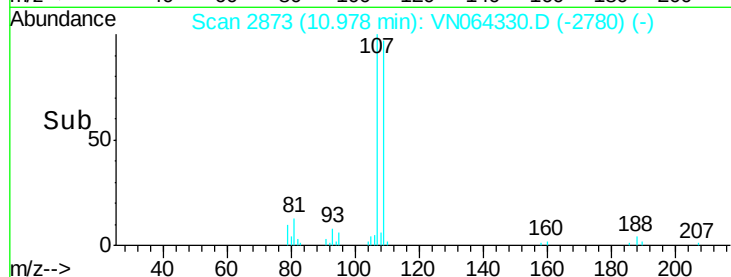
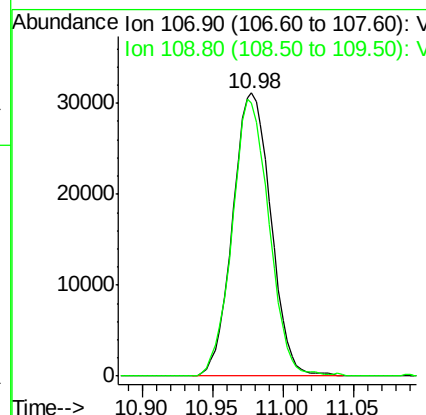
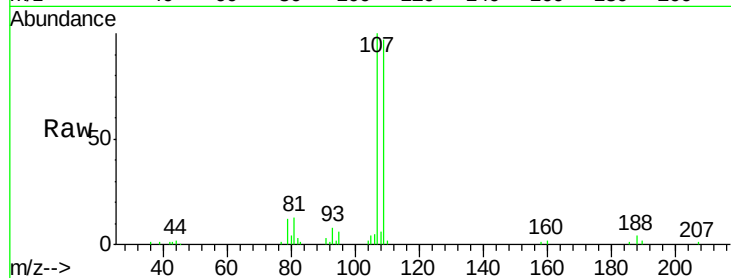
#61  
 1,2-Dibromoethane  
 Concen: 19.633 ug/l  
 RT: 10.98 min Scan# 2873  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1027WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.2  | 75.8  | 113.8 |

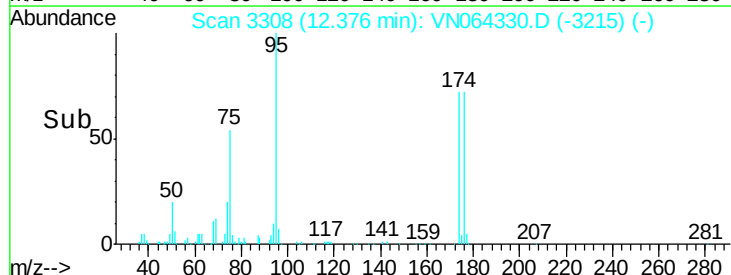
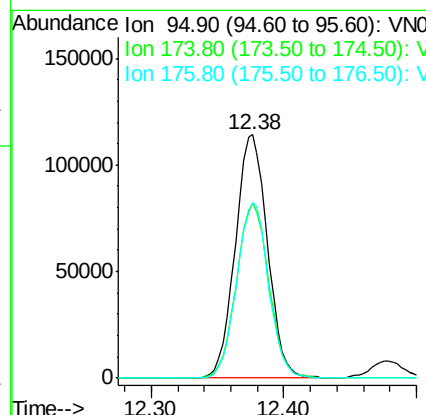
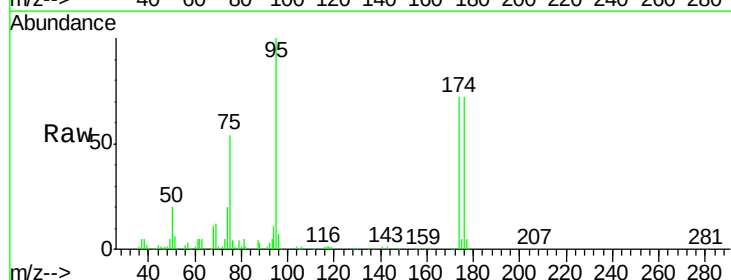
Manual Integrations  
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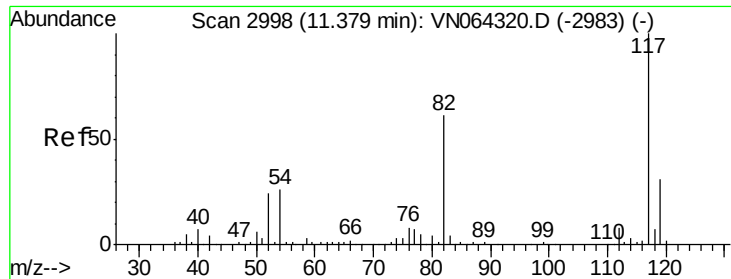
MMDadoda  
 10/28/2020 12:36:15 PM



#62  
 4-Bromofluorobenzene  
 Concen: 47.532 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 72.4  | 0.0   | 147.4 |
| 176     | 71.2  | 0.0   | 143.6 |





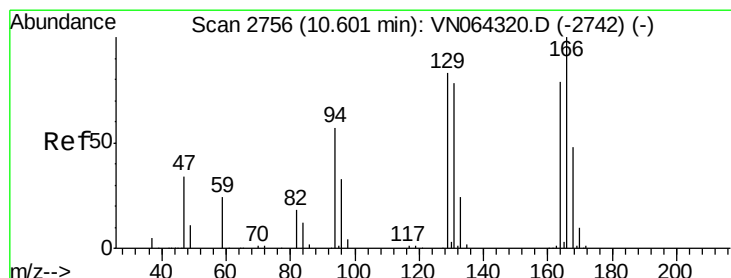
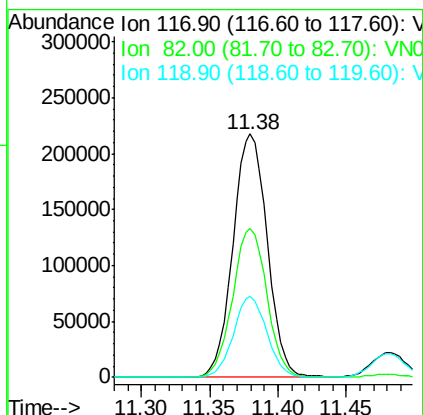
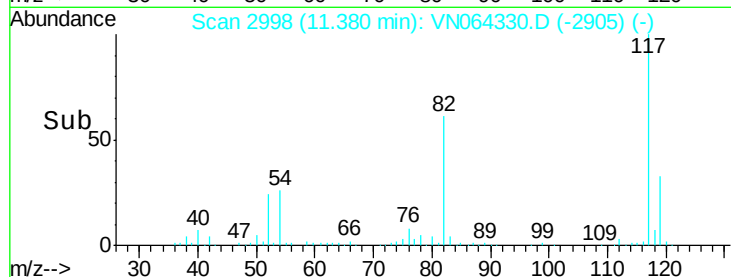
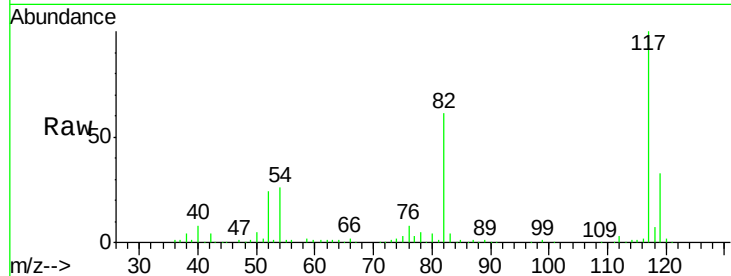
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 61.3  | 48.8  | 73.2  |
| 119     | 33.1  | 25.1  | 37.7  |

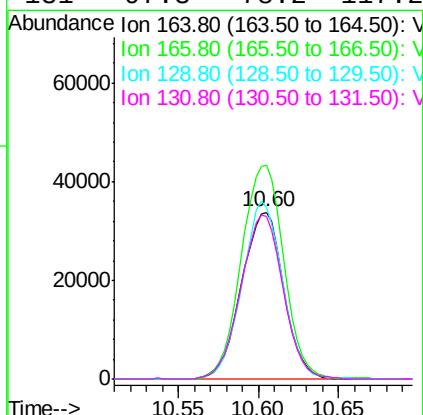
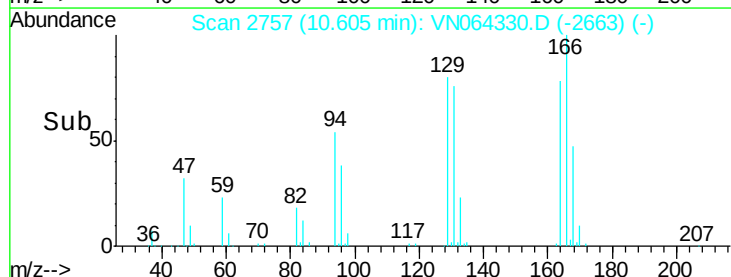
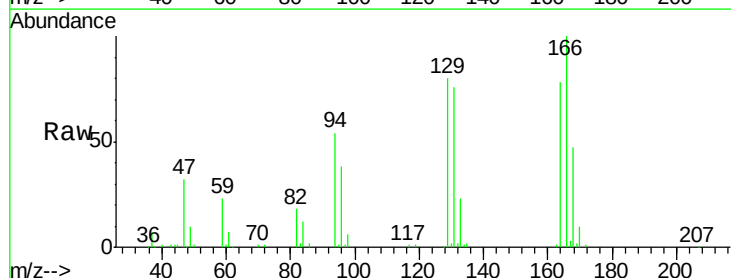
Manual Integrations  
APPROVED

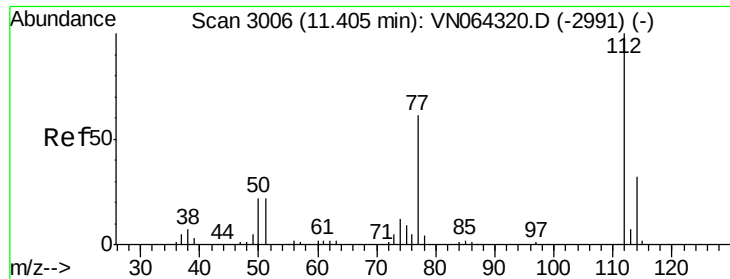
MMDadoda  
10/28/2020 12:36:15 PM



#64  
Tetrachloroethene  
Concen: 19.540 ug/l  
RT: 10.60 min Scan# 2757  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.2 | 100.7 | 151.1 |
| 129     | 102.9 | 83.7  | 125.5 |
| 131     | 97.3  | 78.2  | 117.2 |





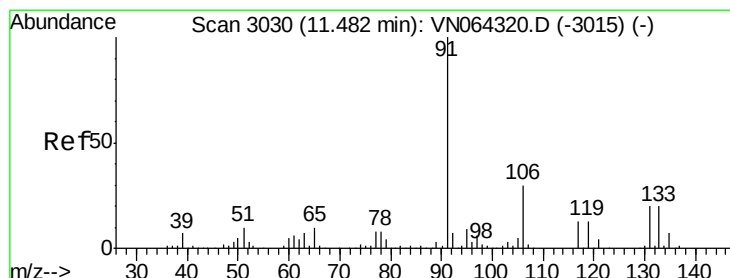
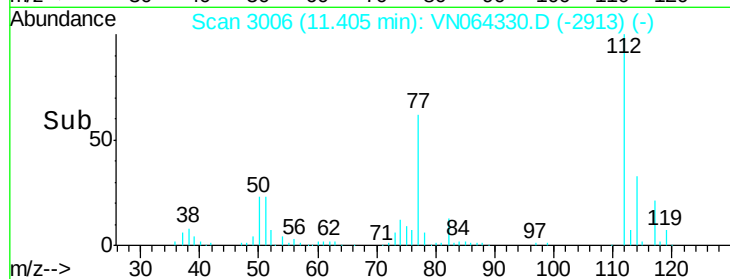
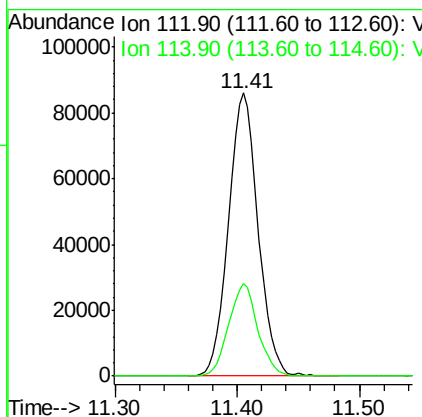
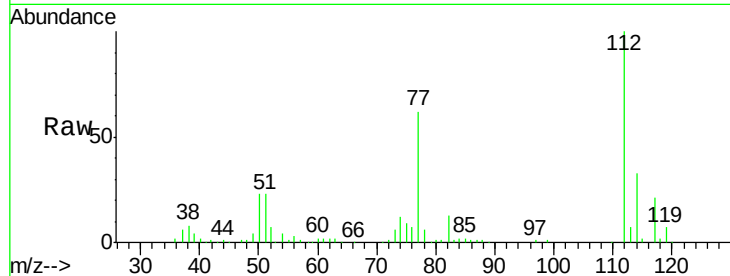
#65  
Chlorobenzene  
Concen: 18.922 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD01

Tot Ion:112 Resp: 145687  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.4 38.0

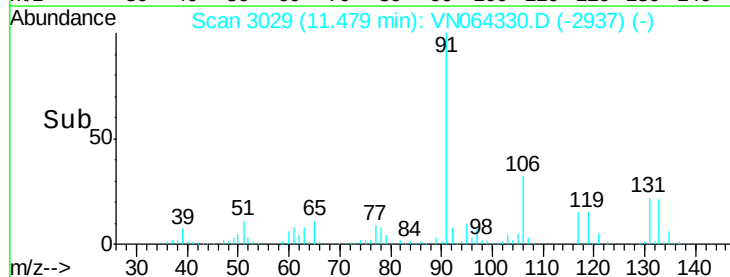
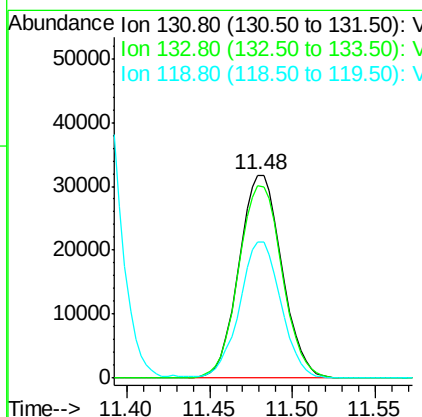
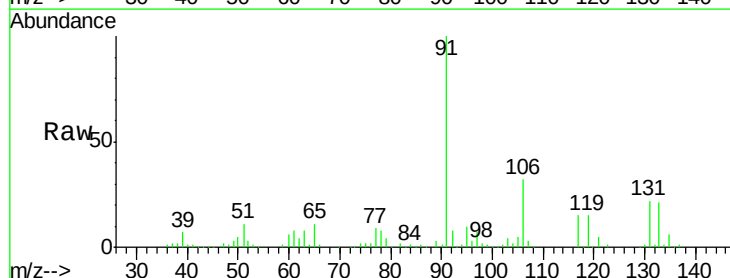
Manual Integrations  
APPROVED

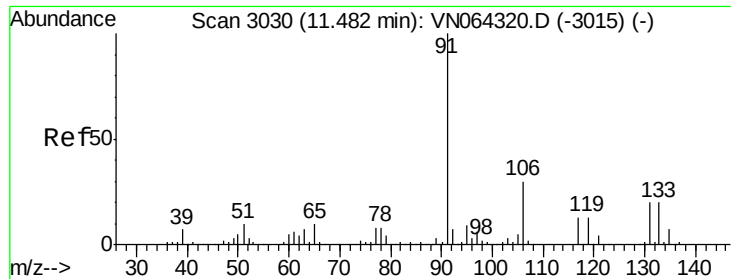
MMDadoda  
10/28/2020 12:36:15 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.362 ug/l  
RT: 11.48 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Tgt Ion:131 Resp: 57142  
Ion Ratio Lower Upper  
131 100  
133 96.3 49.3 147.8  
119 65.2 32.3 96.9





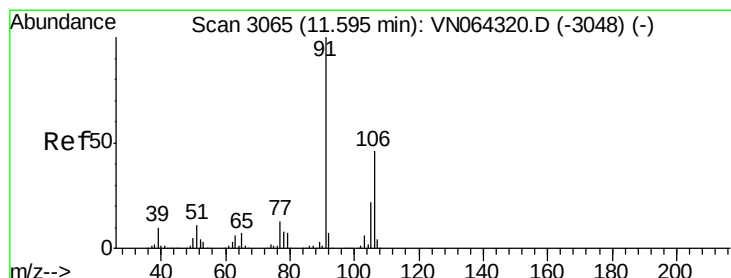
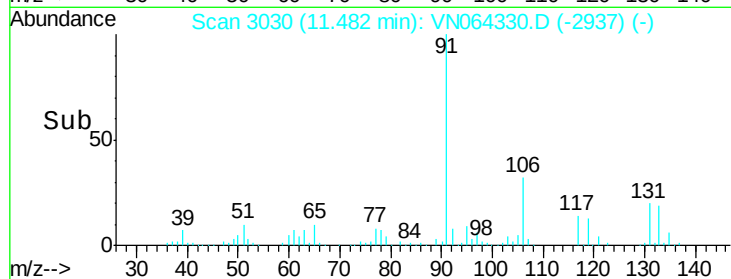
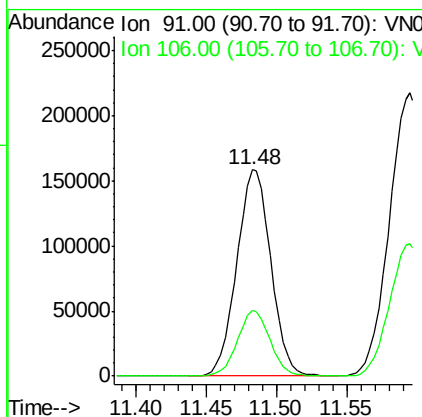
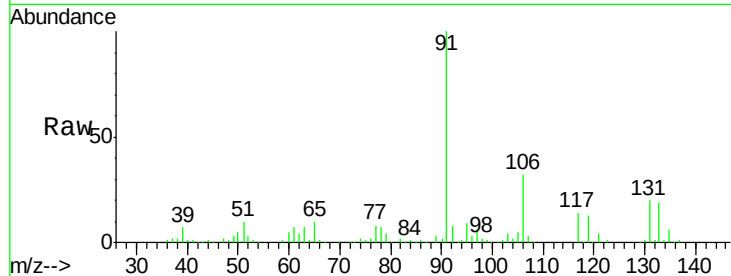
#67  
Ethyl Benzene  
Concen: 18.763 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD01

Tot Ion: 91 Resp: 268574  
Ion Ratio Lower Upper  
91 100  
106 32.2 23.7 35.5

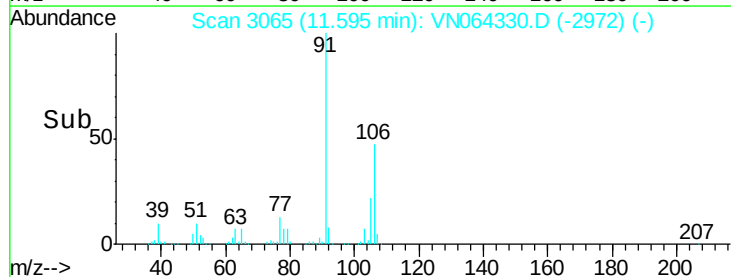
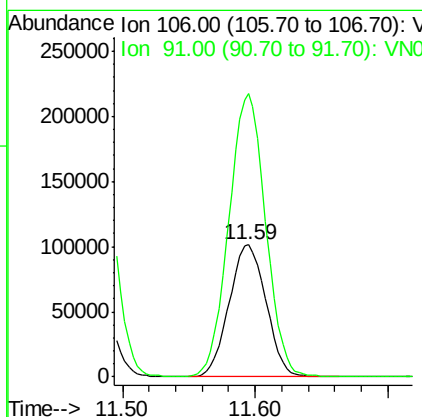
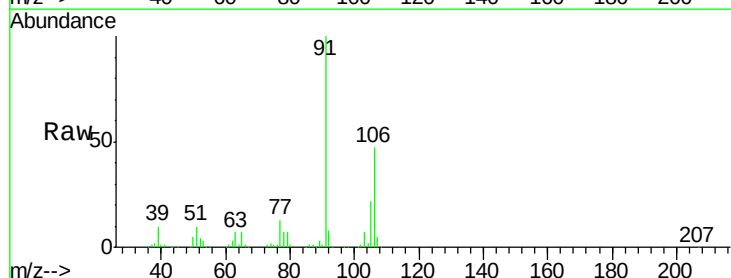
Manual Integrations  
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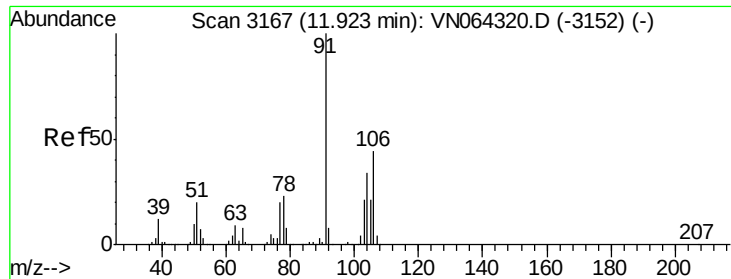
MMDadoda  
10/28/2020 12:36:15 PM



#68  
m/p-Xylenes  
Concen: 37.108 ug/l  
RT: 11.59 min Scan# 3065  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Tgt Ion: 106 Resp: 196842  
Ion Ratio Lower Upper  
106 100  
91 211.5 170.2 255.4





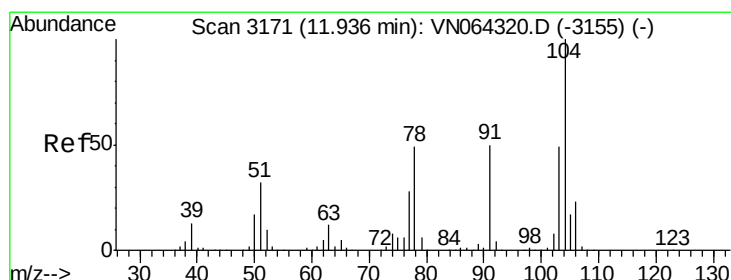
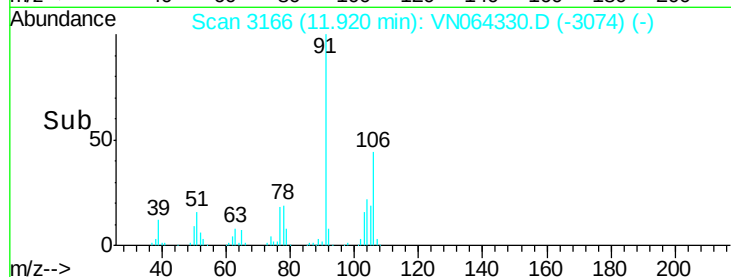
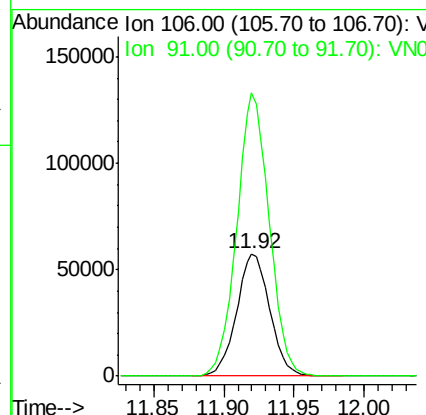
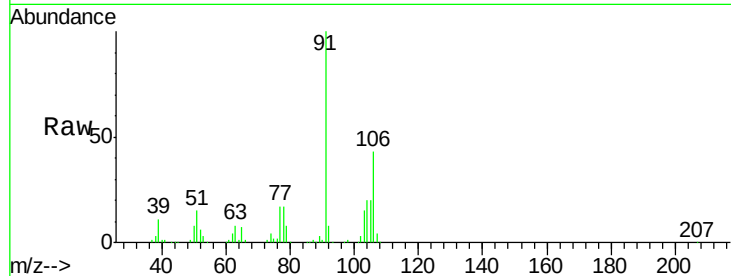
#69  
o-Xylene  
Concen: 18.559 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. -0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD01

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 106     | 100   |       | 94845 |       |       |
| 91      | 226.2 | 114.5 | 343.5 |       |       |

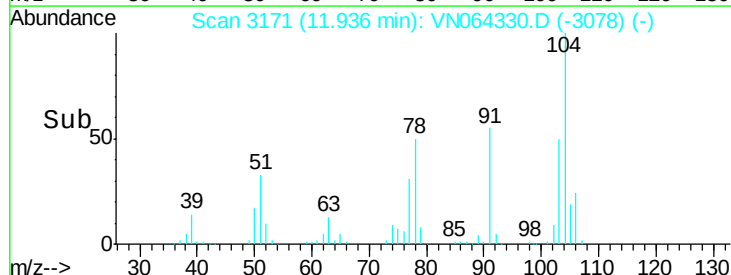
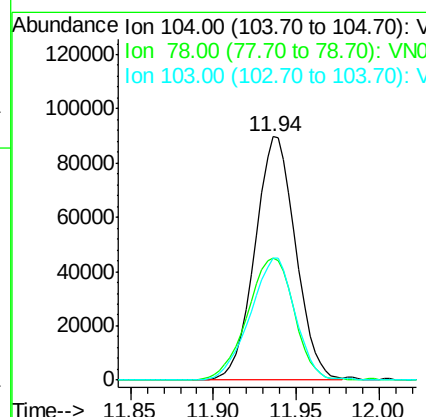
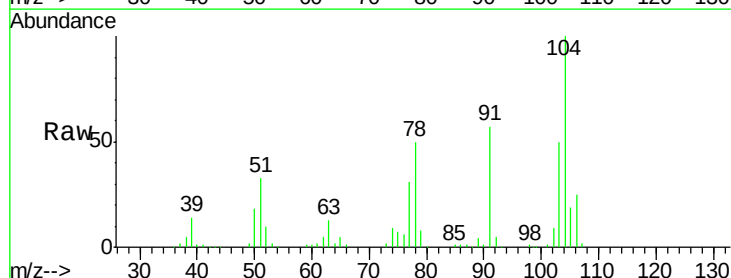
Manual Integrations  
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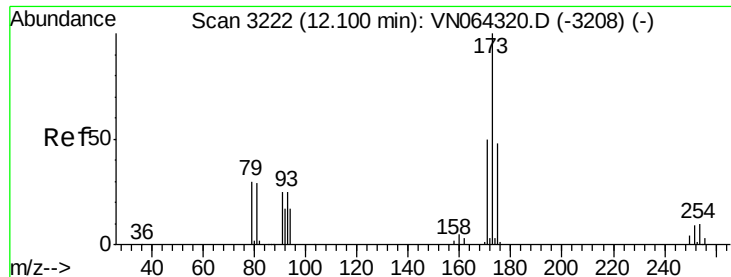


#70  
Styrene  
Concen: 18.362 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       | 153856 |       |       |
| 78      | 57.7 | 43.7  | 65.5   |       |       |
| 103     | 55.7 | 43.3  | 64.9   |       |       |







#71

Bromoform

Concen: 17.464 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

ClientSampleId :

VN1027WBSD01

Tot Ion:173 Resp: 42654

Ion Ratio Lower Upper

173 100

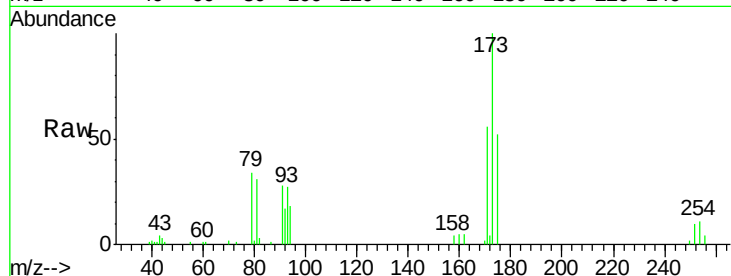
175 50.9 25.4 76.0

254 0.0 0.0 0.0

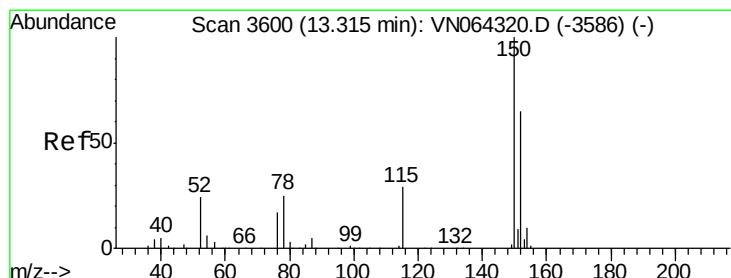
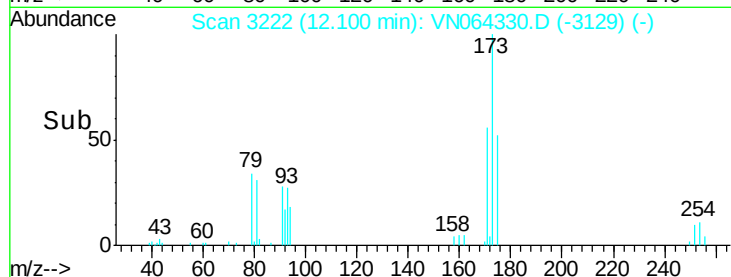
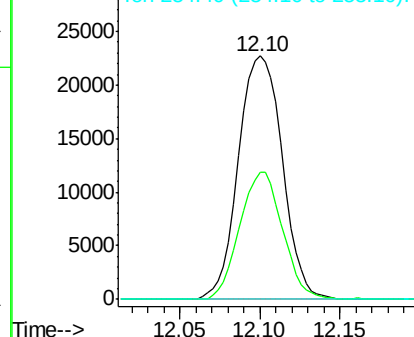
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

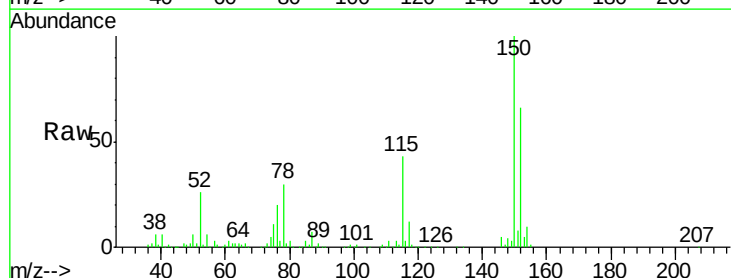
Tgt Ion:152 Resp: 176759

Ion Ratio Lower Upper

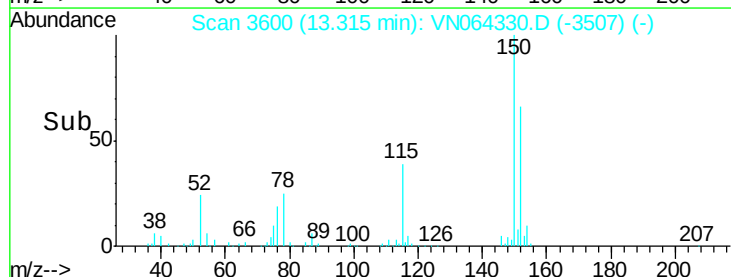
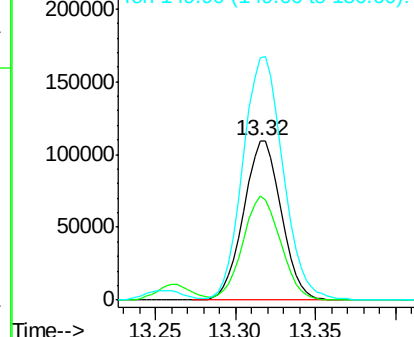
152 100

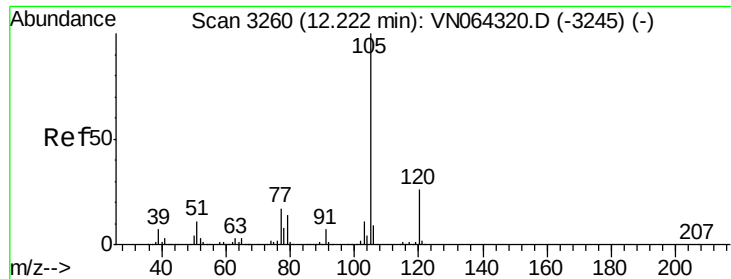
115 65.5 31.5 94.5

150 161.7 0.0 346.2



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.180 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

ClientSampleId :

VN1027WBSD01

Tot Ion:105 Resp: 253912

Ion Ratio Lower Upper

105 100

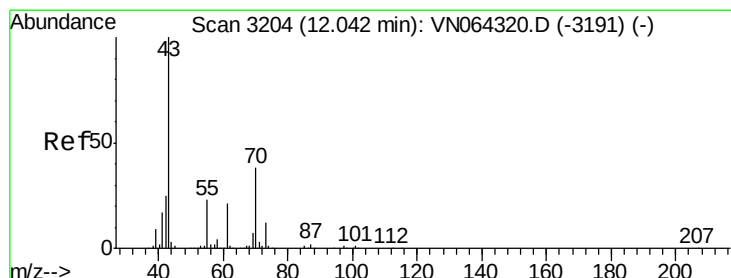
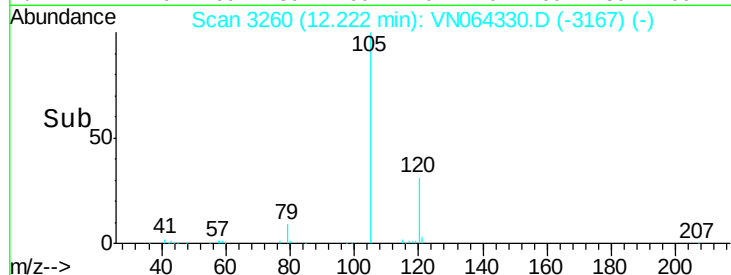
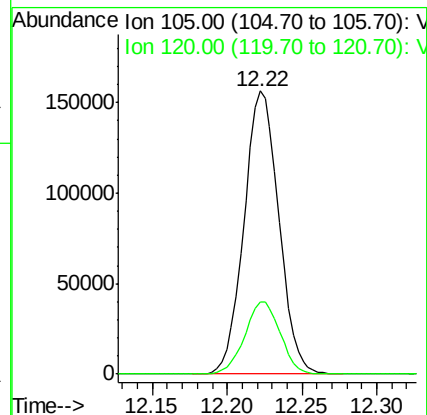
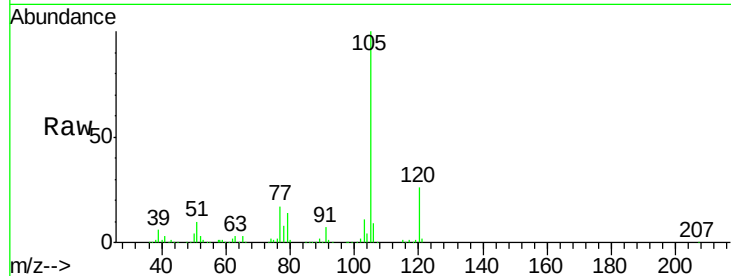
120 26.0 13.2 39.5

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#74

N-ethyl acetate

Concen: 18.754 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Tgt Ion: 43 Resp: 109282

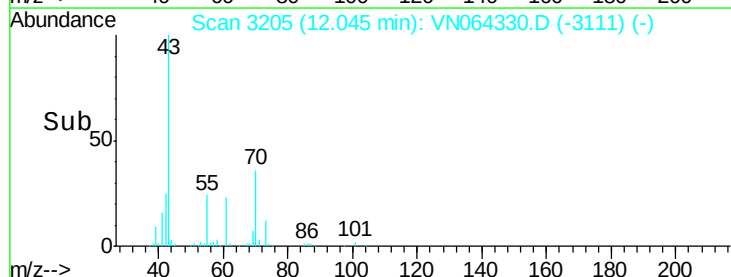
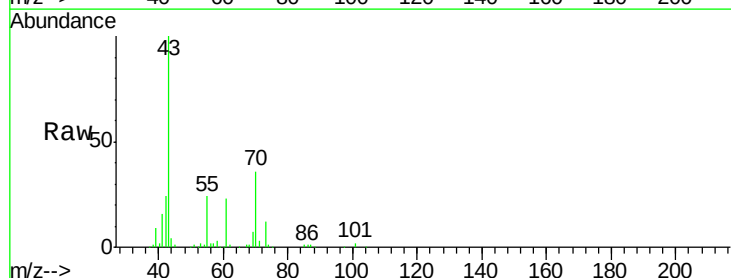
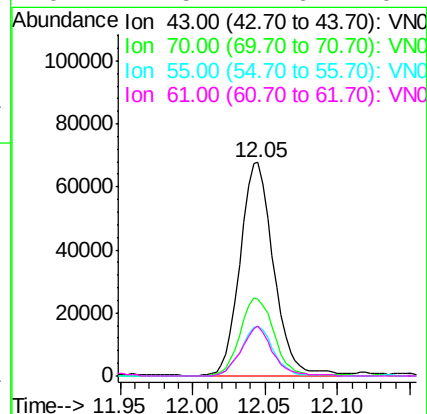
Ion Ratio Lower Upper

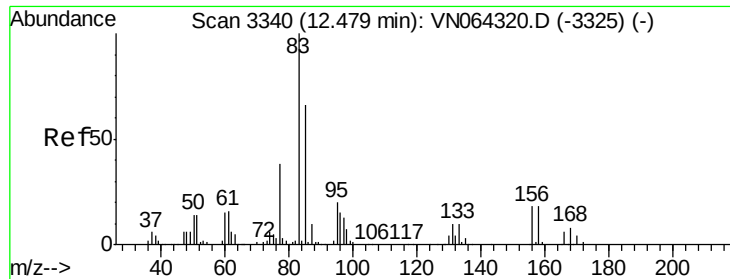
43 100

70 36.7 30.6 45.8

55 22.3 18.2 27.4

61 21.5 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.118 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

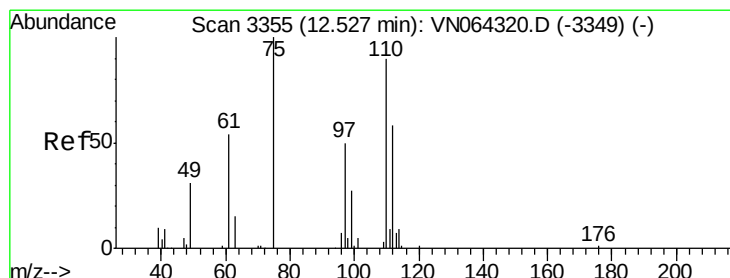
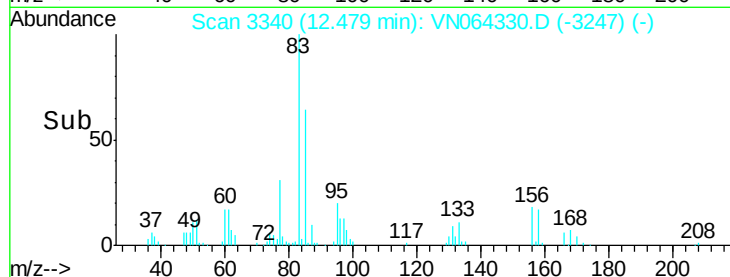
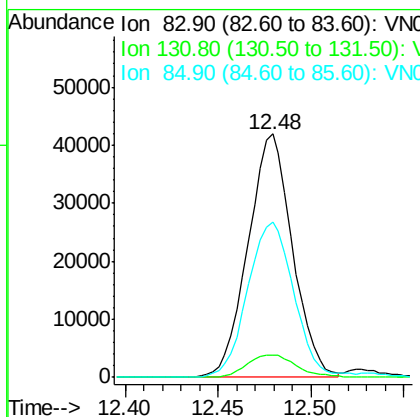
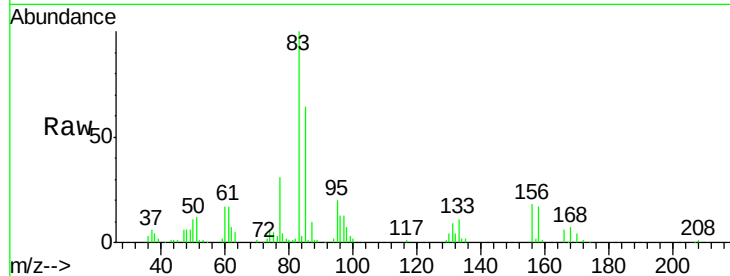
ClientSampleId :

VN1027WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 69721 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.3  | 5.4   | 16.2  |
| 85        | 66.6  | 33.0  | 98.9  |

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#76

1,2,3-Trichloropropane

Concen: 18.341 ug/l m

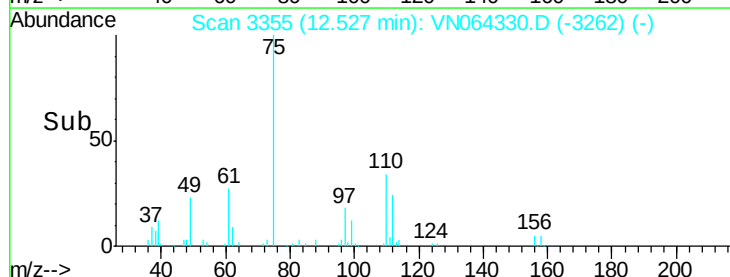
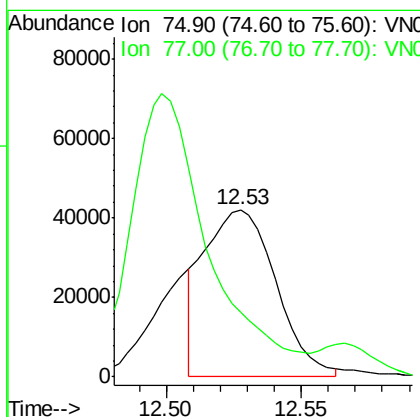
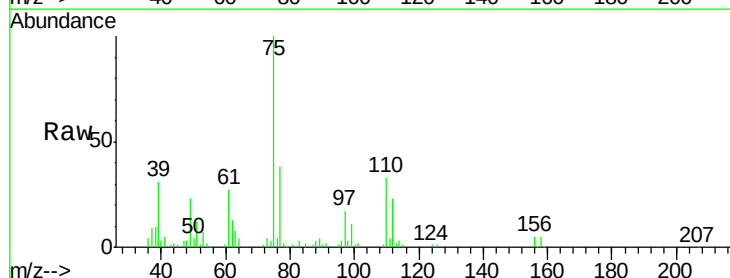
RT: 12.53 min Scan# 3355

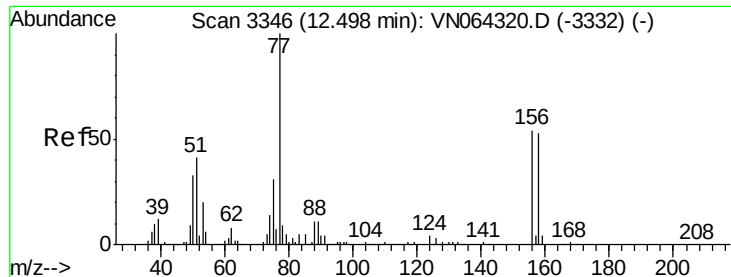
Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 77636 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 19.613 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

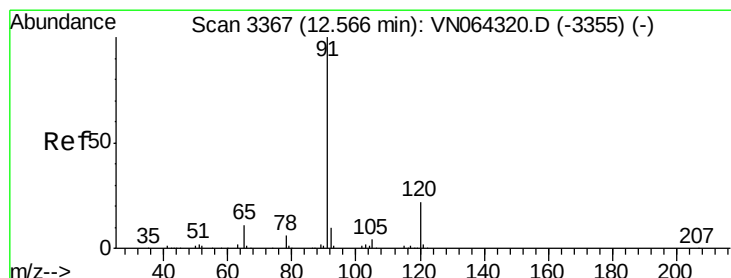
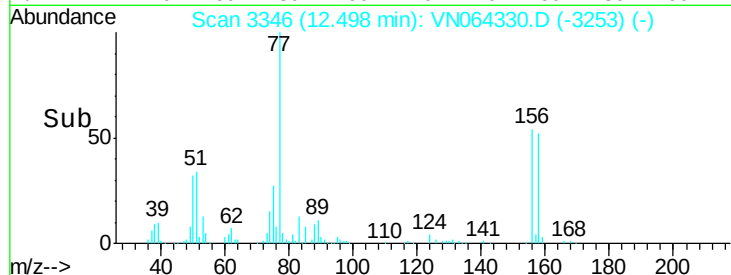
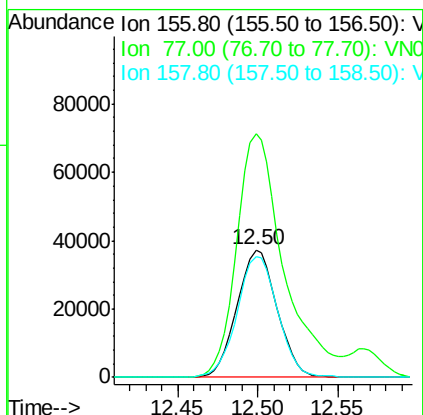
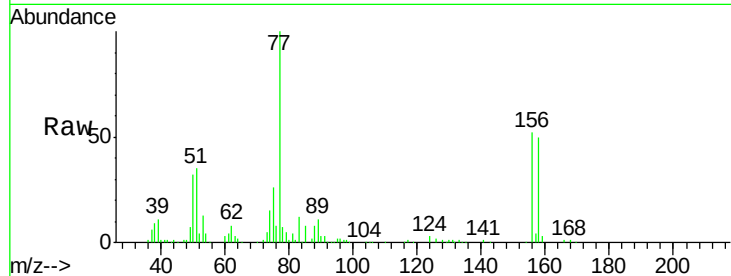
ClientSampleId :

VN1027WBSD01

| Tot Ion   | 156   | Resp  | 63581 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 226.4 | 111.9 | 335.7 |
| 158       | 96.3  | 49.0  | 147.0 |

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#78

n-propylbenzene

Concen: 19.113 ug/l

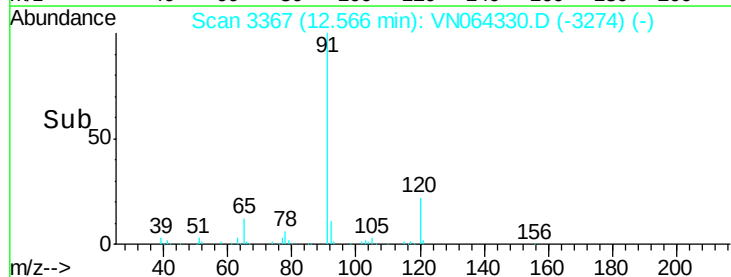
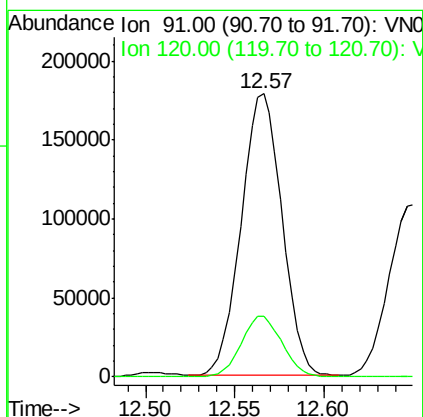
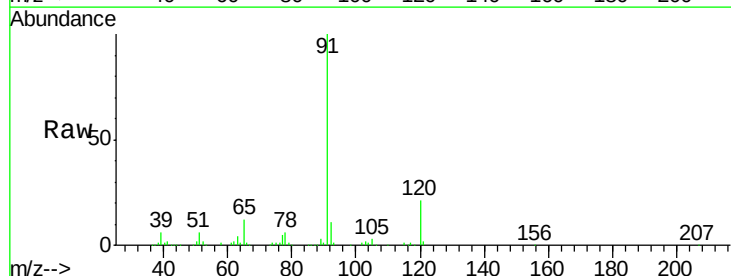
RT: 12.57 min Scan# 3367

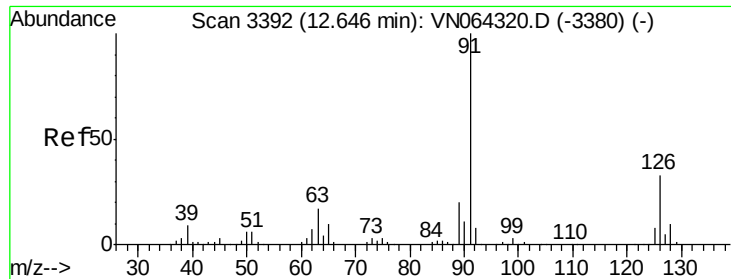
Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

| Tgt Ion   | 91    | Resp  | 286465 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 21.6  | 11.2  | 33.5   |





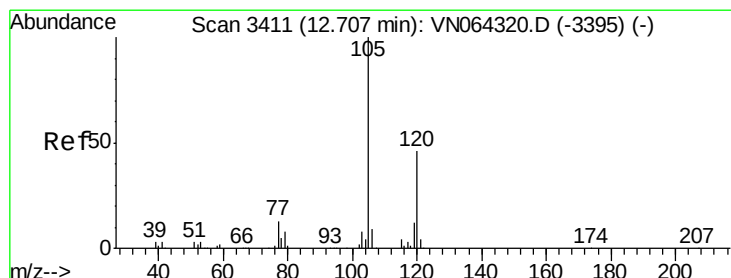
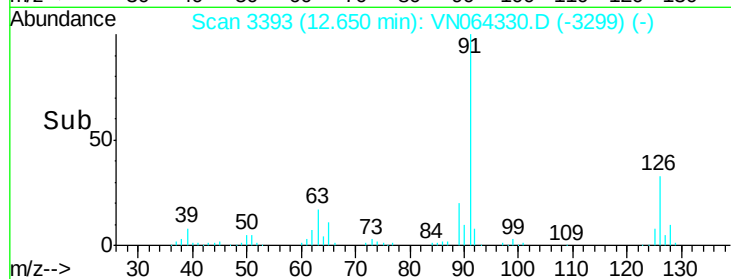
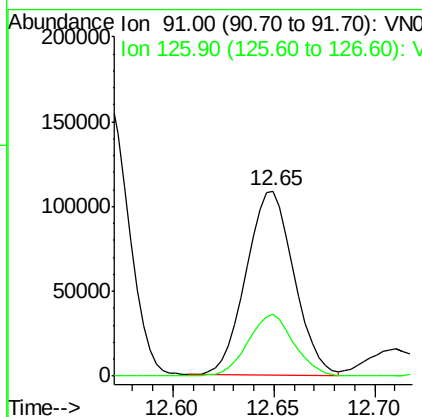
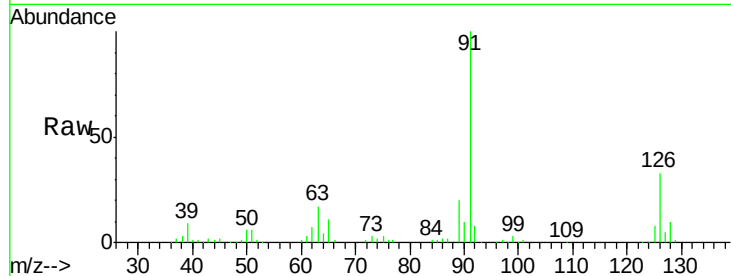
#79  
 2-Chlorotoluene  
 Concen: 18.759 ug/l  
 RT: 12.65 min Scan# 3393  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN1027WBSD01

Tot Ion: 91 Resp: 179733  
 Ion Ratio Lower Upper  
 91 100  
 126 32.3 16.2 48.5

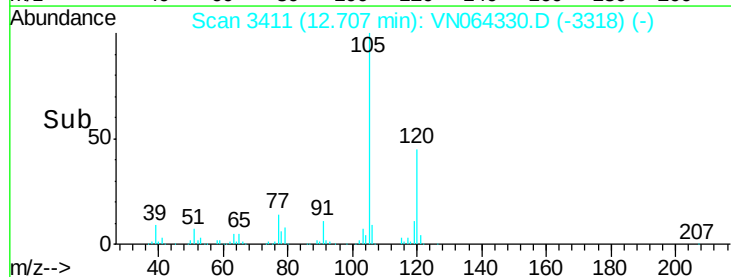
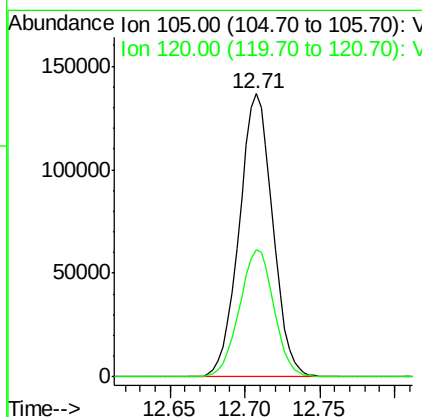
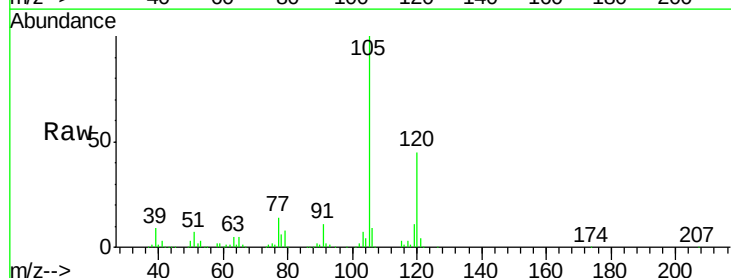
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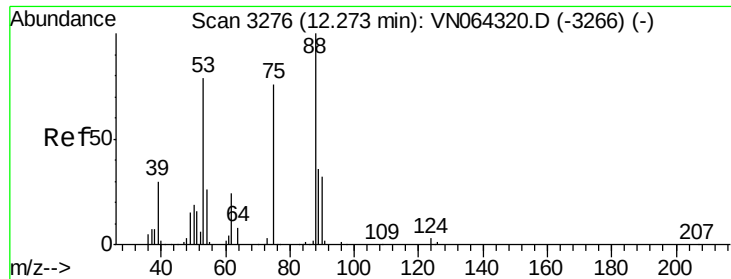
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.011 ug/l  
 RT: 12.71 min Scan# 3411  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

Tgt Ion: 105 Resp: 212961  
 Ion Ratio Lower Upper  
 105 100  
 120 46.2 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.641 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

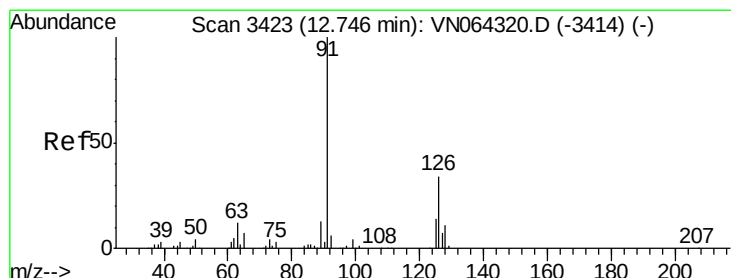
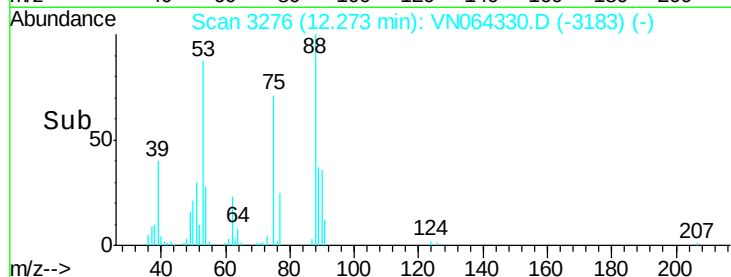
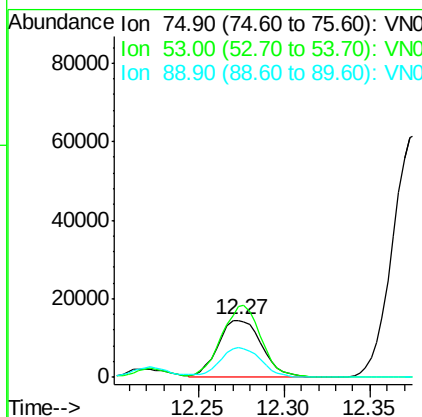
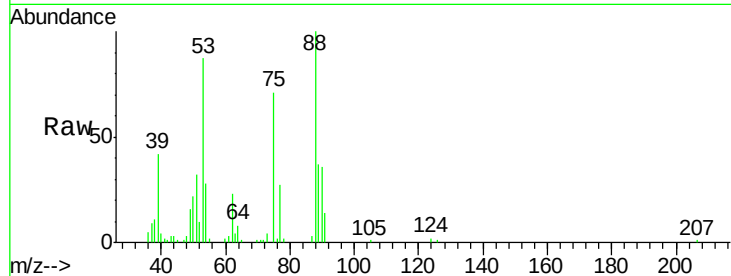
ClientSampleId :

VN1027WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 25923 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 114.5 | 81.8  | 122.8 |
| 89       | 48.8  | 39.9  | 59.9  |

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#82

4-Chlorotoluene

Concen: 18.974 ug/l

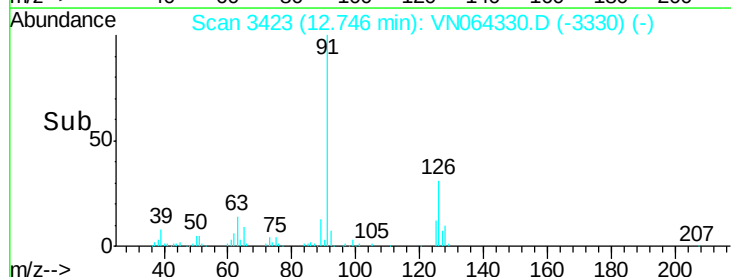
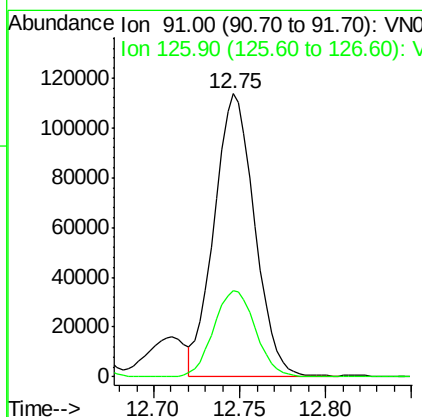
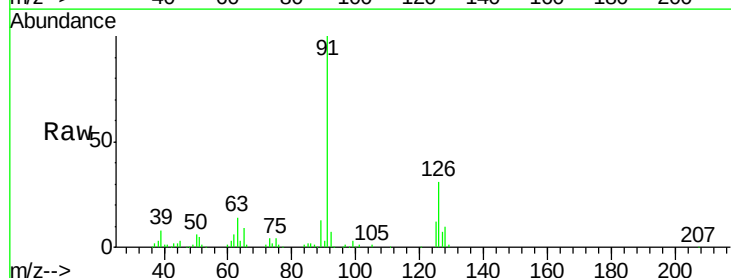
RT: 12.75 min Scan# 3423

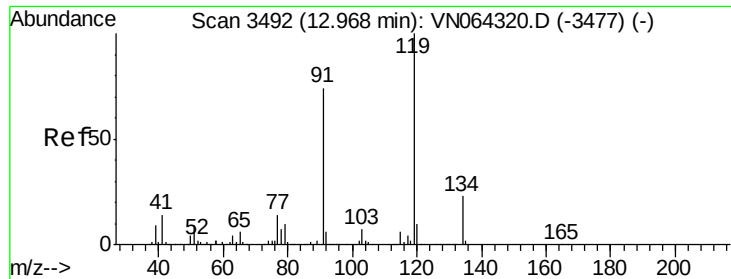
Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 185191 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 31.5  | 15.8  | 47.3   |





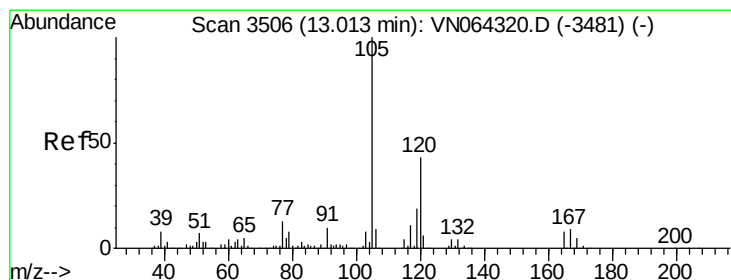
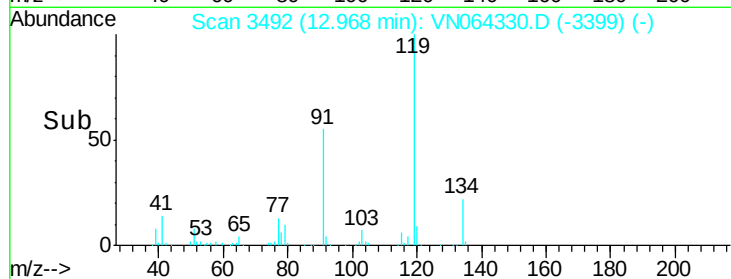
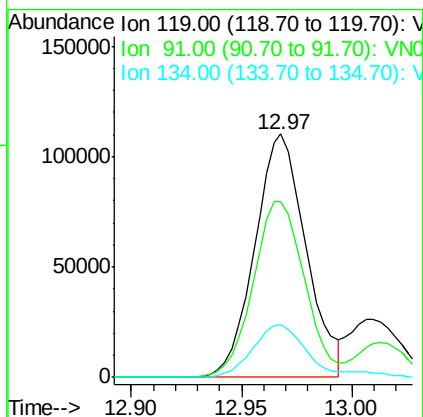
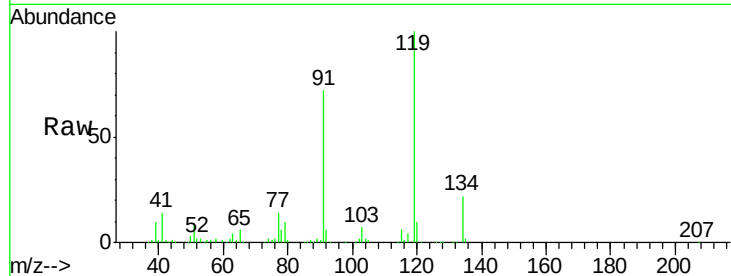
#83  
 tert-Butylbenzene  
 Concen: 19.317 ug/l  
 RT: 12.97 min Scan# 3492  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1027WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 177567 |       |       |
| 91      | 72.3  | 36.4   | 109.1 |       |
| 134     | 23.8  | 12.0   | 36.1  |       |

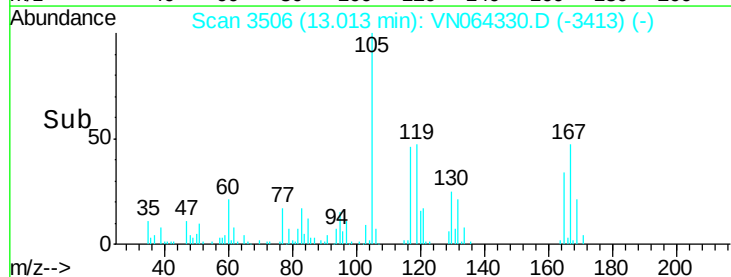
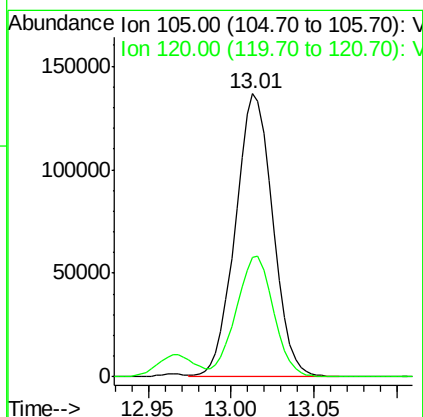
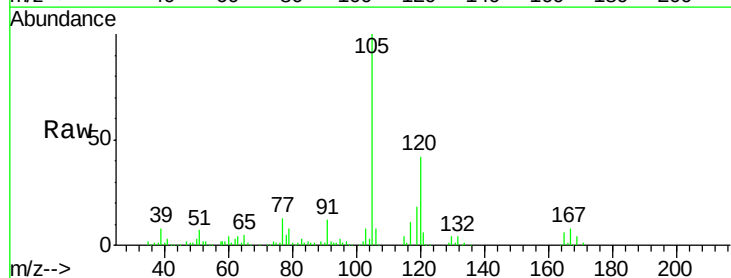
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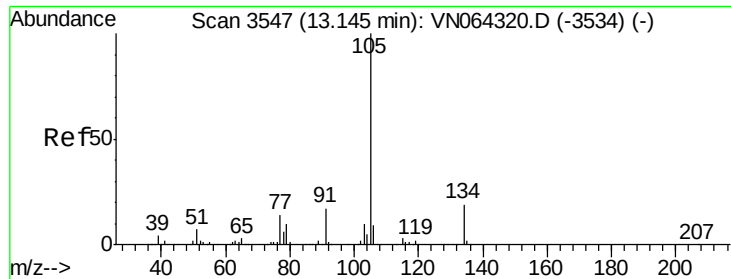
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.071 ug/l  
 RT: 13.01 min Scan# 3506  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 213459 |       |       |
| 120     | 43.2  | 21.3   | 64.0  |       |





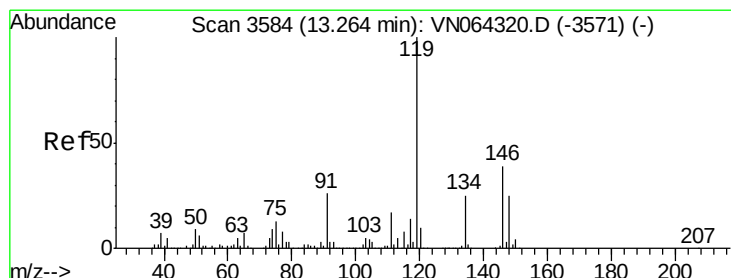
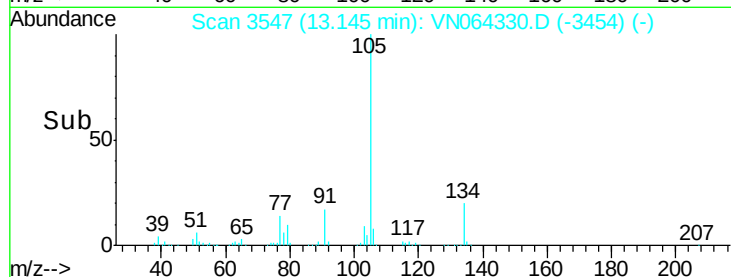
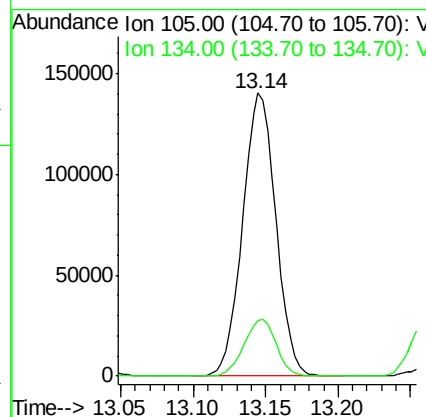
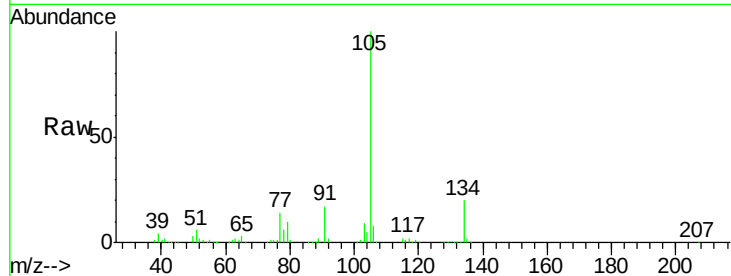
#85  
 sec-Butylbenzene  
 Concen: 18.695 ug/l  
 RT: 13.14 min Scan# 3547  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1027WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 19.6  | 9.6   | 28.8  |

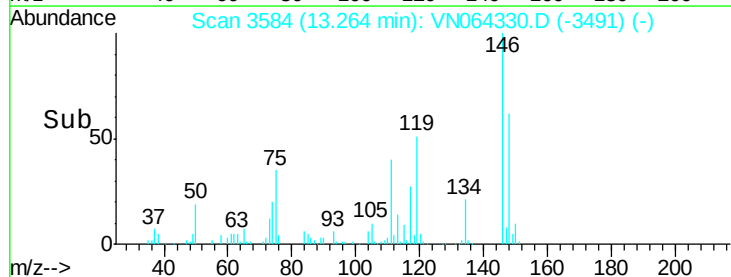
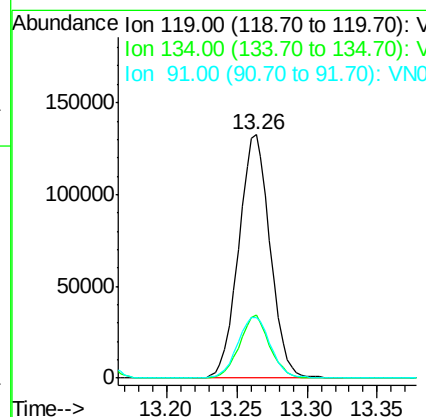
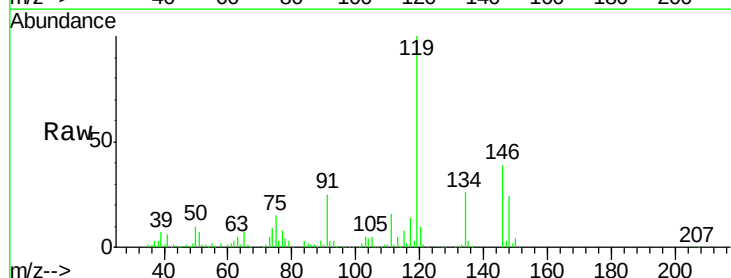
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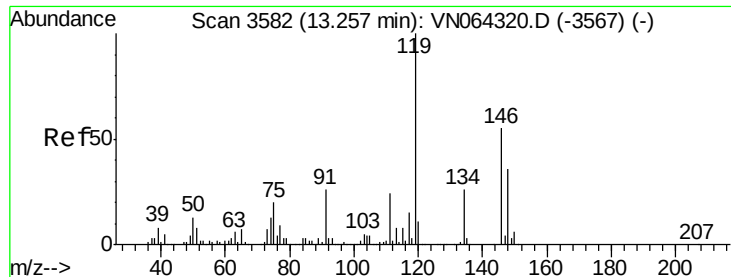


#86  
 p-Isopropyltoluene  
 Concen: 19.294 ug/l  
 RT: 13.26 min Scan# 3584  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 24.9  | 12.8  | 38.4  |
| 91      | 26.4  | 13.0  | 38.9  |







#87

1,3-Dichlorobenzene

Concen: 18.702 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

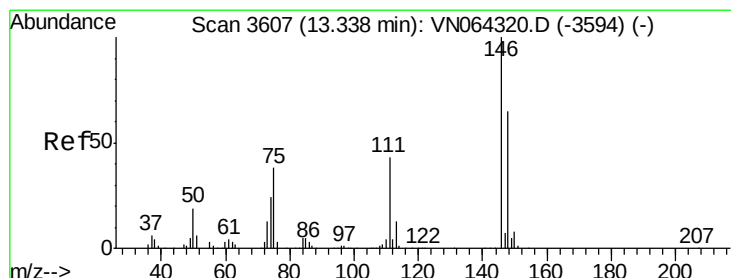
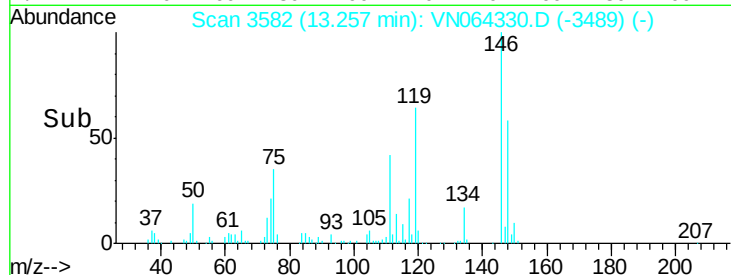
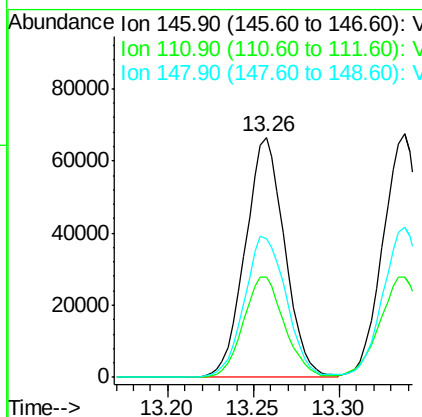
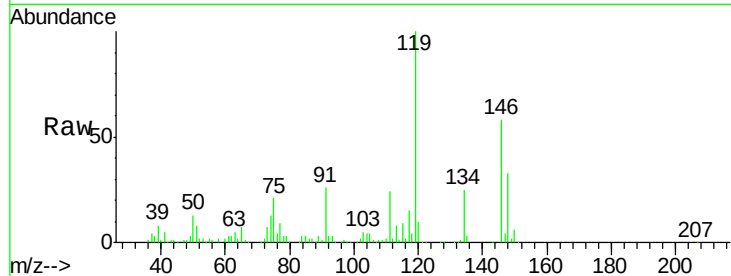
ClientSampleId :

VN1027WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 106137 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 43.3  | 21.9  | 65.5   |
| 148       | 62.5  | 32.6  | 98.0   |

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#88

1,4-Dichlorobenzene

Concen: 18.628 ug/l

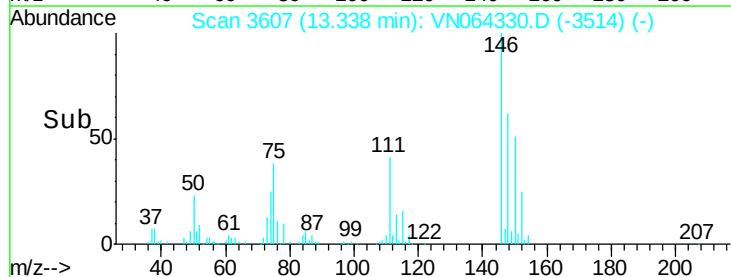
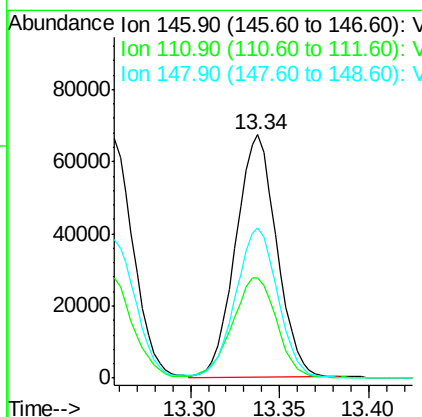
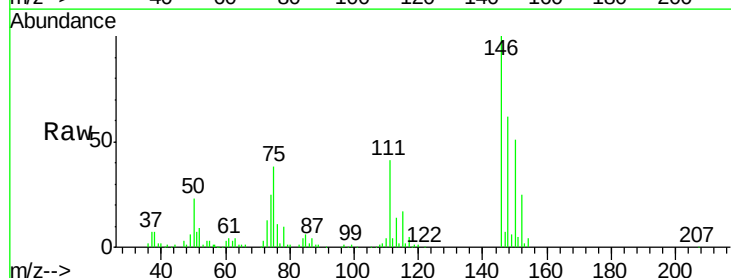
RT: 13.34 min Scan# 3607

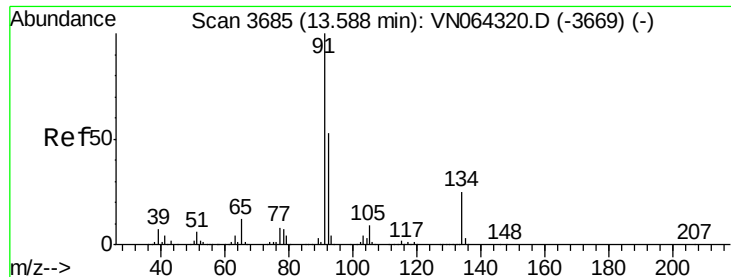
Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 107677 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 45.2  | 21.8  | 65.4   |
| 148       | 63.3  | 31.8  | 95.3   |





#89

n-Butylbenzene

Concen: 18.236 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

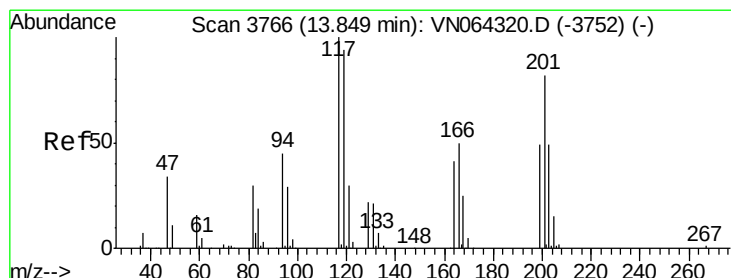
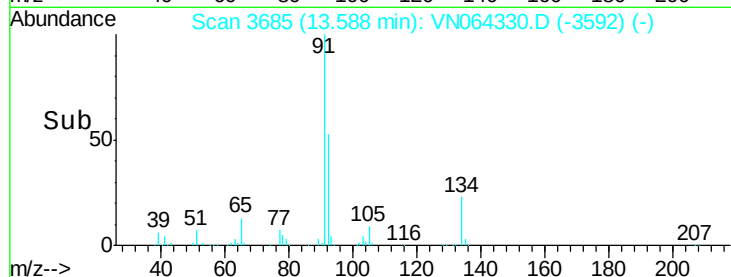
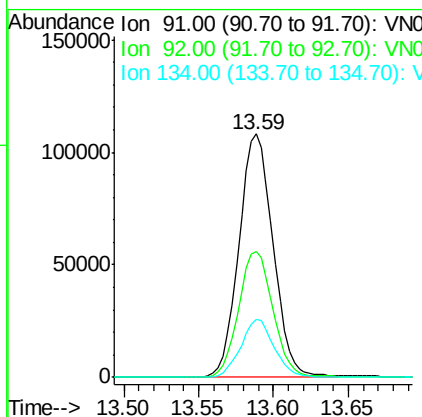
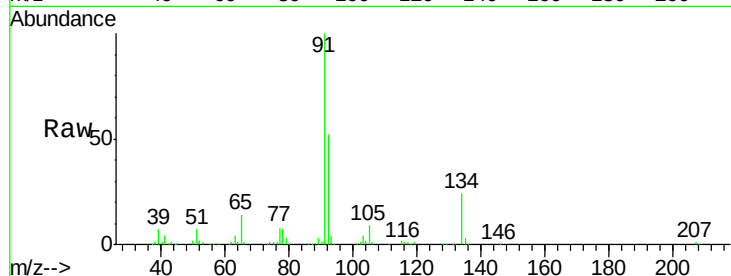
ClientSampleId :

VN1027WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 91    | Resp: | 172158 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 52.4  | 26.2  | 78.5   |
| 134      | 23.4  | 12.4  | 37.4   |

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#90

Hexachloroethane

Concen: 19.653 ug/l

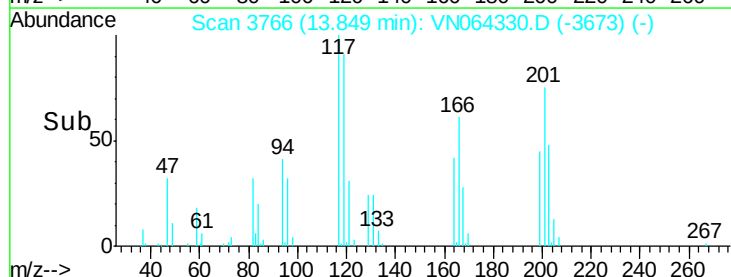
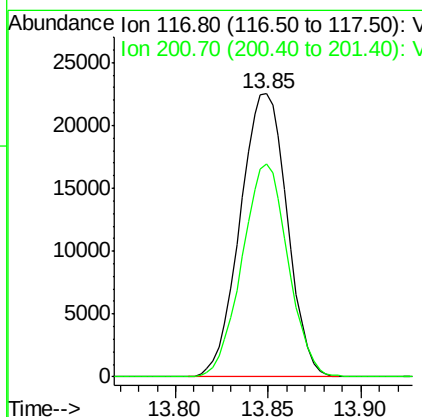
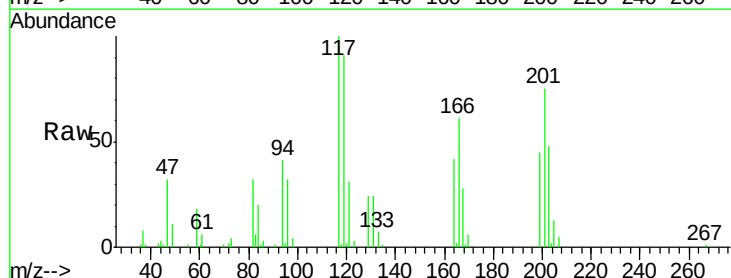
RT: 13.85 min Scan# 3766

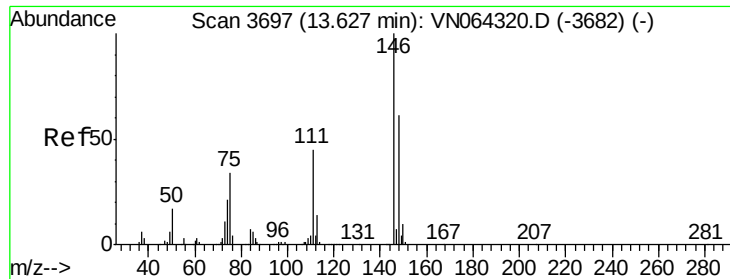
Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 39554 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 73.8  | 39.8  | 119.3 |





#91

1,2-Dichlorobenzene

Concen: 18.564 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA\_N

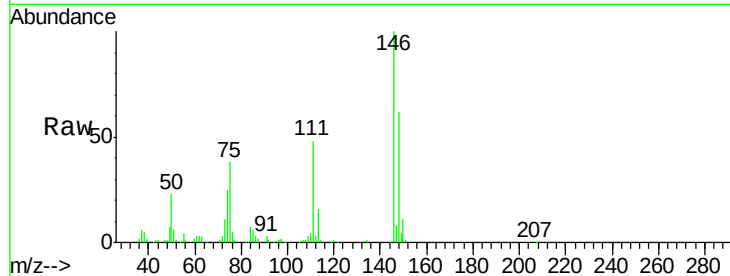
ClientSampleId :

VN1027WBSD01

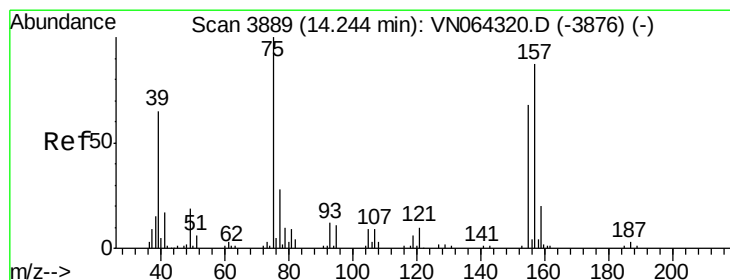
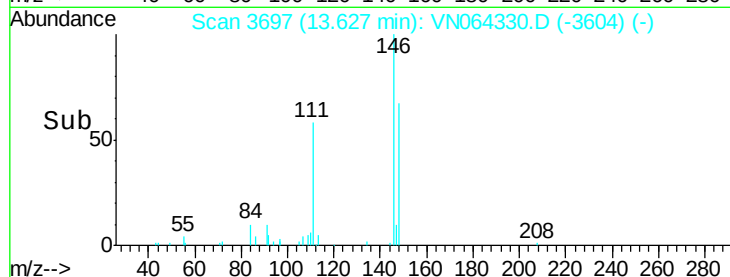
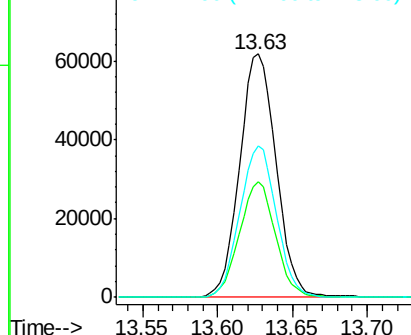
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 104743 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 46.9  | 23.0  | 69.0   |
| 148       | 62.3  | 32.1  | 96.3   |

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Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.225 ug/l

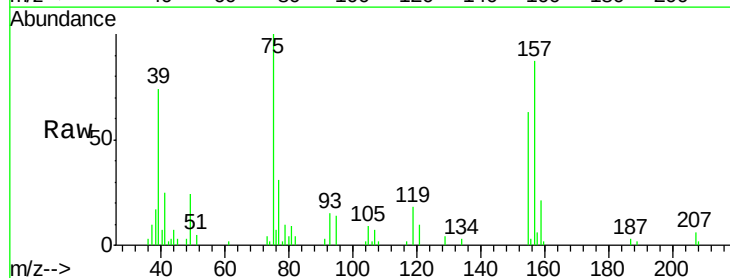
RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

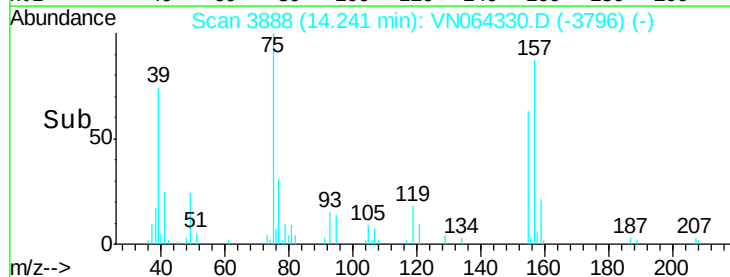
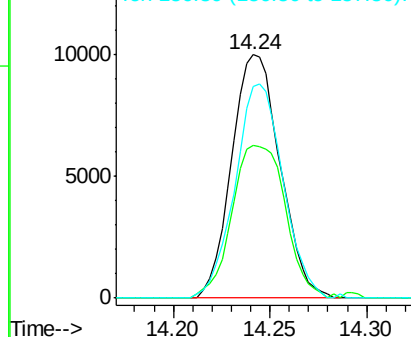
Lab File: VN064330.D

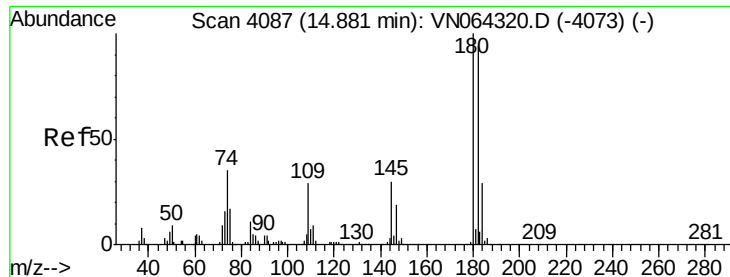
Acq: 27 Oct 2020 16:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 17402 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 69.0  | 35.1  | 105.5 |
| 157       | 87.3  | 43.2  | 129.6 |



Abundance Ion 74.90 (74.60 to 75.60): V  
Ion 154.80 (154.50 to 155.50): V  
Ion 156.80 (156.50 to 157.50): V





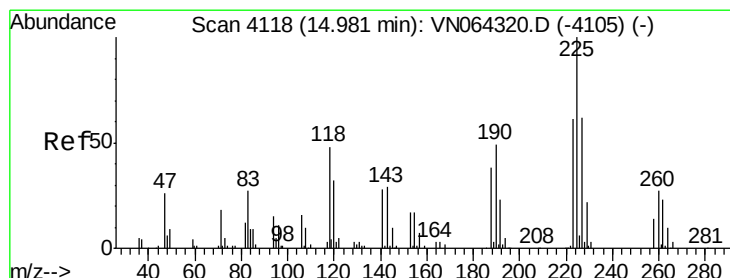
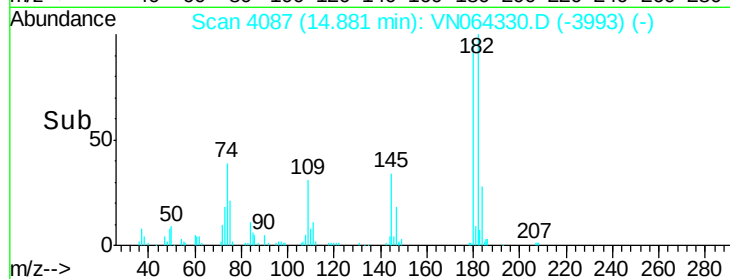
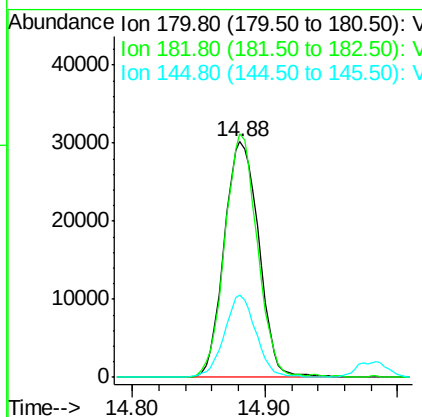
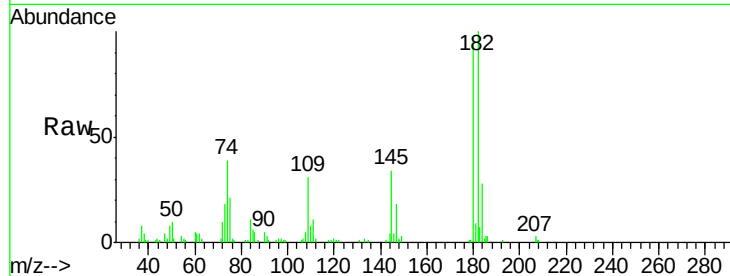
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.205 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1027WBSD01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 54699 |       |       |
| 182     | 97.3  | 46.6  | 139.7 |       |
| 145     | 31.9  | 15.3  | 45.9  |       |

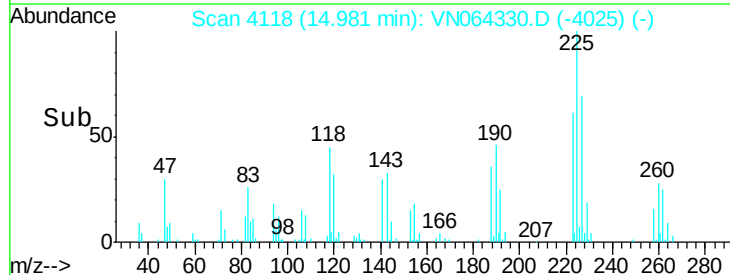
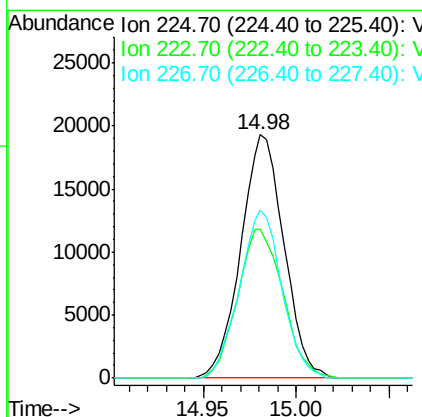
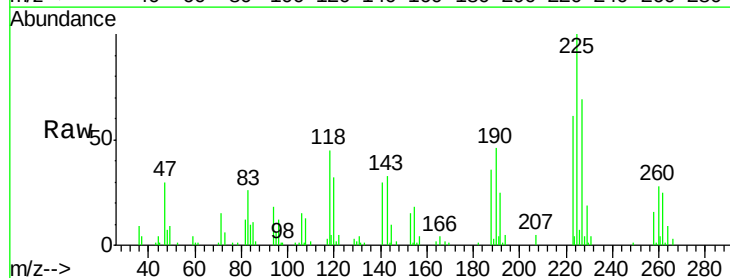
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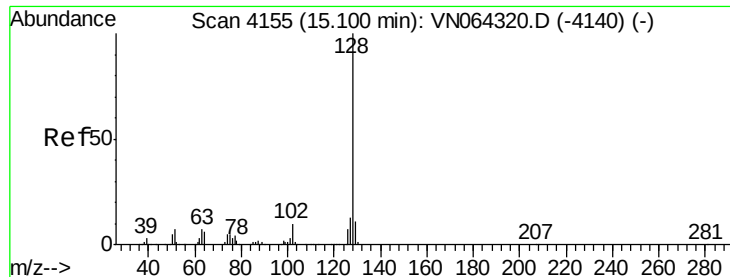
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#94  
 Hexachlorobutadiene  
 Concen: 17.935 ug/l  
 RT: 14.98 min Scan# 4118  
 Delta R.T. 0.00 min  
 Lab File: VN064330.D  
 Acq: 27 Oct 2020 16:51

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 31053 |       |       |
| 223     | 64.5  | 31.3  | 93.8  |       |
| 227     | 68.0  | 32.3  | 96.9  |       |





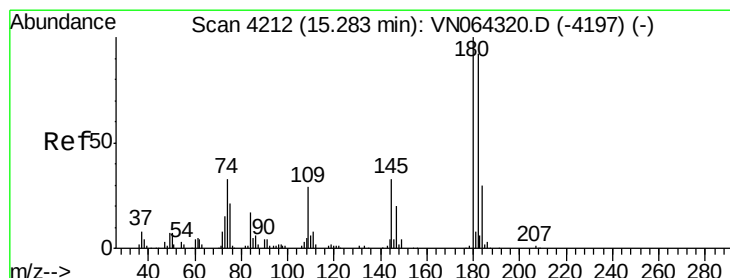
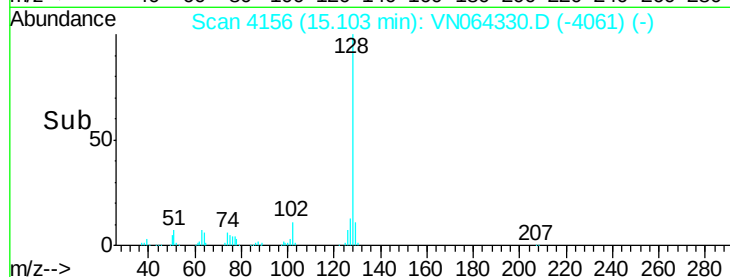
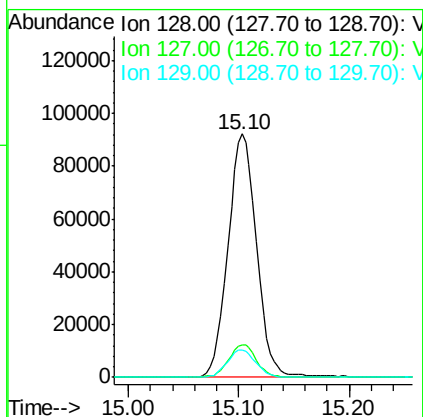
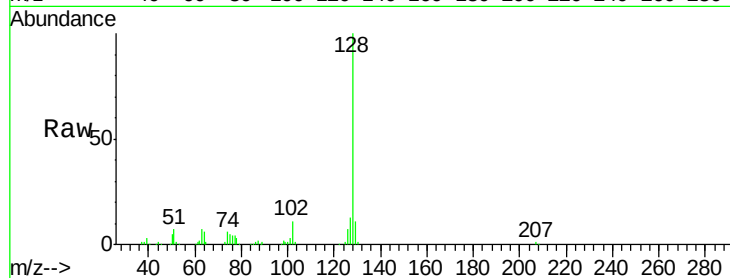
#95  
Naphthalene  
Concen: 18.206 ug/l  
RT: 15.10 min Scan# 4156  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.9  | 10.4  | 15.6  |
| 129     | 11.4  | 8.6   | 13.0  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 18.594 ug/l  
RT: 15.28 min Scan# 4212  
Delta R.T. 0.00 min  
Lab File: VN064330.D  
Acq: 27 Oct 2020 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 46.1  | 138.3 |
| 145     | 32.6  | 16.2  | 48.5  |

