

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\  
 Data File : VN064212.D  
 Acq On : 21 Oct 2020 10:58  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 10/22/2020 3:25:27 PM

Quant Time: Oct 21 12:16:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102120W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 21 12:00:10 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 287100   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 458231   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 413924   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 191248   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.98   | 65   | 23204    | 5.57 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =    | 11.14% |          |
| 35) Dibromofluoromethane    | 7.55   | 113  | 16180    | 5.11 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =    | 10.22% |          |
| 50) Toluene-d8              | 10.06  | 98   | 57596    | 4.83 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =    | 9.66%  |          |
| 62) 4-Bromofluorobenzene    | 12.37  | 95   | 23204    | 5.50 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =    | 11.00% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 12745    | 4.492  | ug/l   | 90     |
| 3) Chloromethane              | 2.04 | 50   | 14806    | 4.320  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.16 | 62   | 14992    | 3.645  | ug/l # | 87     |
| 5) Bromomethane               | 2.53 | 94   | 11118    | 3.730  | ug/l   | 95     |
| 6) Chloroethane               | 2.67 | 64   | 10403    | 3.293  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 2.98 | 101  | 26105    | 4.494  | ug/l   | 86     |
| 8) Diethyl Ether              | 3.37 | 74   | 9258     | 5.079  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101  | 14749    | 5.161  | ug/l   | 99     |
| 10) Methyl Iodide             | 3.91 | 142  | 17456    | 4.337  | ug/l # | 69     |
| 11) Tert butyl alcohol        | 4.72 | 59   | 14489    | 30.160 | ug/l   | 94     |
| 12) 1,1-Dichloroethene        | 3.70 | 96   | 13818    | 4.819  | ug/l   | 89     |
| 13) Acrolein                  | 3.56 | 56   | 6995     | 19.197 | ug/l   | 88     |
| 14) Allyl chloride            | 4.27 | 41   | 24829    | 5.305  | ug/l   | 93     |
| 15) Acrylonitrile             | 4.93 | 53   | 27724    | 21.496 | ug/l # | 87     |
| 16) Acetone                   | 3.77 | 43   | 29224    | 23.736 | ug/l   | 100    |
| 17) Carbon Disulfide          | 4.01 | 76   | 37016    | 4.526  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.27 | 43   | 14343    | 4.651  | ug/l # | 72     |
| 19) Methyl tert-butyl Ether   | 4.98 | 73   | 49148m   | 5.719  | ug/l   |        |
| 20) Methylene Chloride        | 4.50 | 84   | 16510    | 4.439  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96   | 14214m   | 4.414  | ug/l   |        |
| 22) Diisopropyl ether         | 5.90 | 45   | 49418    | 5.575  | ug/l   | 93     |
| 23) Vinyl Acetate             | 5.84 | 43   | 224561   | 28.300 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 5.79 | 63   | 29822    | 4.911  | ug/l   | 95     |
| 25) 2-Butanone                | 6.79 | 43   | 46899    | 24.826 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.77 | 77   | 30470    | 5.832  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96   | 17053    | 4.515  | ug/l   | 100    |
| 28) Bromochloromethane        | 7.15 | 49   | 14949    | 5.165  | ug/l # | 55     |
| 29) Tetrahydrofuran           | 7.16 | 42   | 28088    | 25.333 | ug/l   | 99     |
| 30) Chloroform                | 7.32 | 83   | 32518    | 5.054  | ug/l   | 99     |
| 31) Cyclohexane               | 7.61 | 56   | 30935    | 6.683  | ug/l # | 88     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97   | 29753    | 5.266  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.75 | 75   | 23626    | 5.304  | ug/l   | 97     |
| 37) Ethyl Acetate             | 6.87 | 43   | 19472    | 4.898  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 7.74 | 117  | 26975    | 5.541  | ug/l   | 94     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\  
 Data File : VN064212.D  
 Acq On : 21 Oct 2020 10:58  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 10/22/2020 3:25:27 PM

Quant Time: Oct 21 12:16:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102120W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 21 12:00:10 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 21738    | 5.724   | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 64265    | 4.840   | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.13  | 41   | 12763    | 7.347   | ug/l # | 81       |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 29337    | 6.036   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.12  | 43   | 41100    | 6.107   | ug/l # | 91       |
| 44) Trichloroethene            | 8.80  | 130  | 17276    | 4.923   | ug/l   | 88       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 17252    | 4.914   | ug/l   | 96       |
| 46) Dibromomethane             | 9.17  | 93   | 11227    | 4.521   | ug/l   | 91       |
| 47) Bromodichloromethane       | 9.37  | 83   | 26352    | 5.366   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.16  | 41   | 19729    | 6.257   | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.16  | 88   | 5022     | 108.565 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 103551   | 26.502  | ug/l   | 99       |
| 52) Toluene                    | 10.12 | 92   | 42040    | 5.142   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 28334    | 5.556   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.80  | 75   | 28779    | 5.176   | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 15749    | 4.671   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 22715    | 5.188   | ug/l   | 91       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 27737    | 4.957   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 64385    | 29.344  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.72 | 43   | 74546    | 27.088  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.87 | 129  | 19231    | 5.009   | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 10.97 | 107  | 16165    | 4.710   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 18520    | 5.868   | ug/l   | 95       |
| 65) Chlorobenzene              | 11.41 | 112  | 44969    | 5.150   | ug/l   | 92       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 16794    | 5.030   | ug/l   | 94       |
| 67) Ethyl Benzene              | 11.48 | 91   | 81802    | 5.532   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.59 | 106  | 60858    | 11.133  | ug/l   | 99       |
| 69) o-Xylene                   | 11.92 | 106  | 27752    | 5.270   | ug/l   | 87       |
| 70) Styrene                    | 11.94 | 104  | 47882    | 5.458   | ug/l   | 97       |
| 71) Bromoform                  | 12.10 | 173  | 12377    | 4.955   | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.22 | 105  | 77862    | 5.538   | ug/l   | 98       |
| 74) N-amyl acetate             | 12.04 | 43   | 32729    | 6.028   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 19181    | 4.079   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.52 | 75   | 22940m   | 5.045   | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 17897    | 4.782   | ug/l   | 96       |
| 78) n-propylbenzene            | 12.57 | 91   | 86973    | 5.541   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 53363    | 5.345   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 65158    | 5.755   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 8134     | 5.396   | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 56469    | 5.596   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 53728    | 5.739   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 63373    | 5.705   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.14 | 105  | 65831    | 5.482   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 59797    | 5.686   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.25 | 146  | 31878    | 5.086   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 32017    | 4.984   | ug/l   | 91       |
| 89) n-Butylbenzene             | 13.59 | 91   | 52499    | 5.868   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.85 | 117  | 11778    | 5.855   | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 30979    | 4.979   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 4798     | 5.084   | ug/l   | 91       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\  
Data File : VN064212.D  
Acq On : 21 Oct 2020 10:58  
Operator : JC/MD  
Sample : VSTDICC005  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

Manual Integrations  
APPROVED

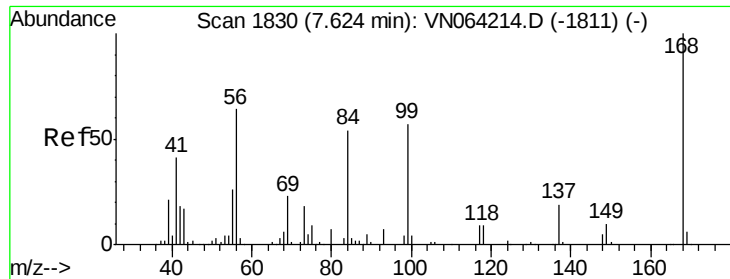
MMDadoda  
10/22/2020 3:25:27 PM

Quant Time: Oct 21 12:16:41 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102120W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 21 12:00:10 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 15858    | 5.977 | ug/l  | 94       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 9720     | 6.254 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 45599    | 5.763 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 16345    | 6.209 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 287100

Ion Ratio Lower Upper

168 100

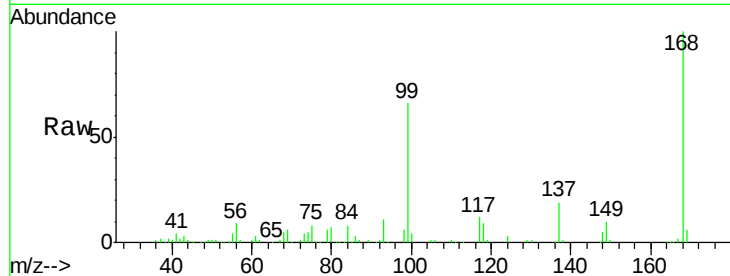
99 66.3 54.0 81.0

Manual Integrations

APPROVED

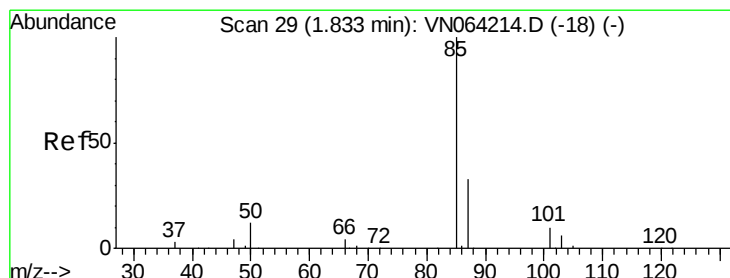
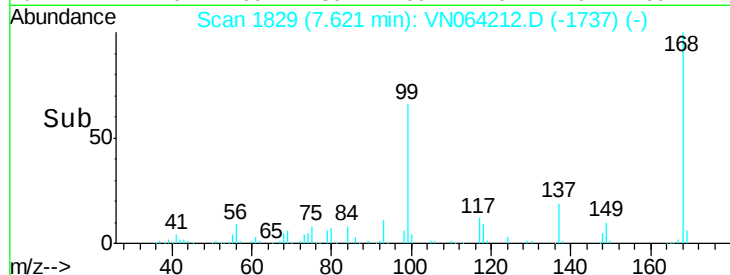
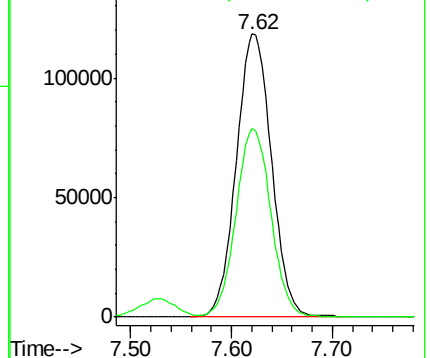
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10/22/2020 3:25:27 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 4.492 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064212.D

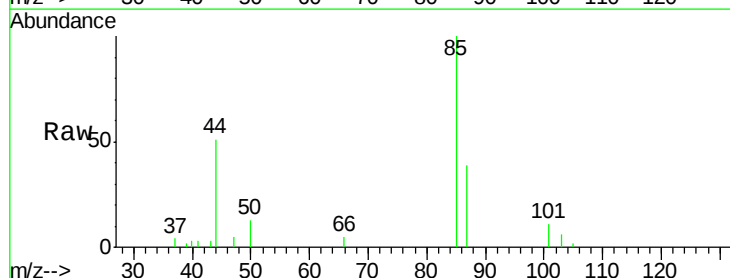
Acq: 21 Oct 2020 10:58

Tgt Ion: 85 Resp: 12745

Ion Ratio Lower Upper

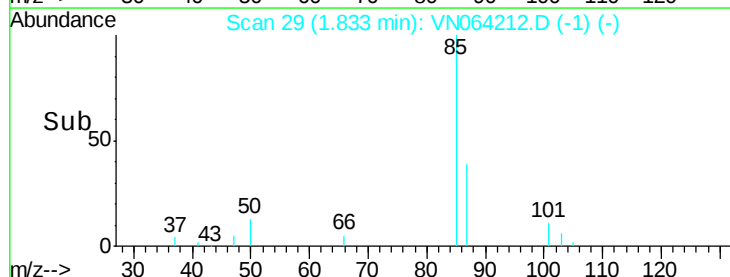
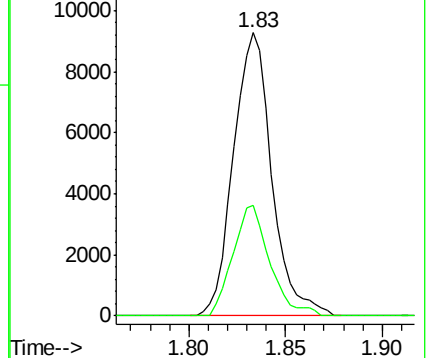
85 100

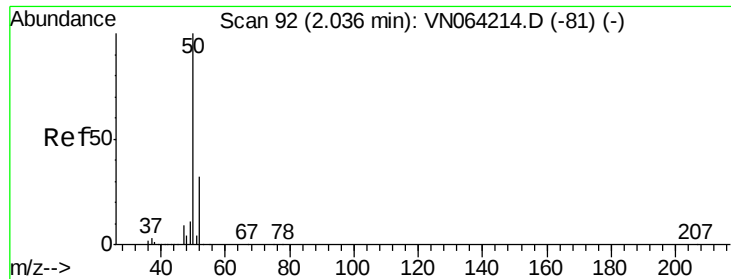
87 39.0 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 4.320 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 14806

Ion Ratio Lower Upper

50 100

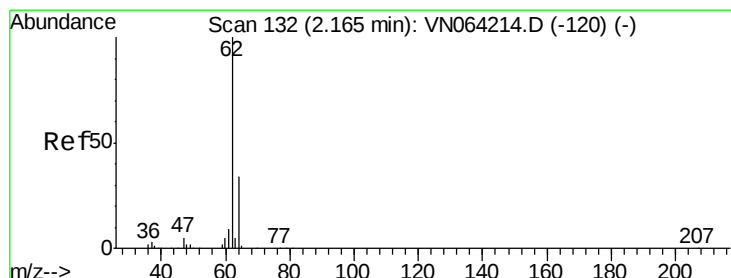
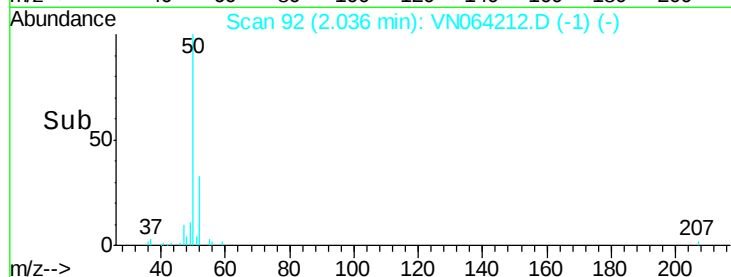
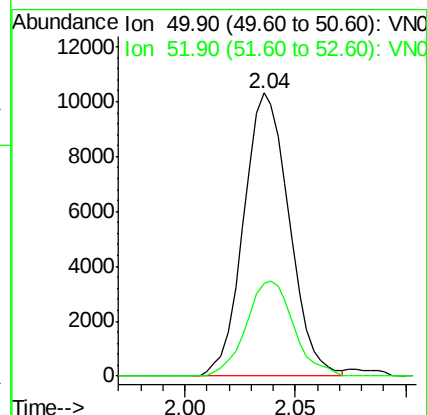
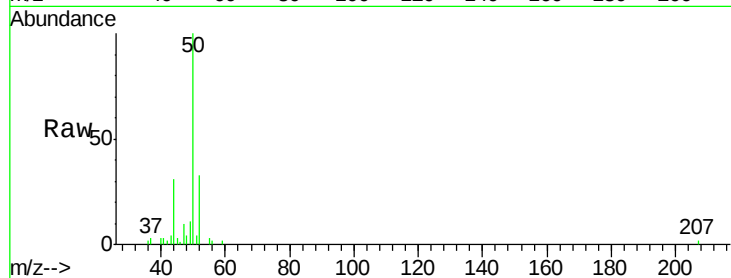
52 32.9 25.3 37.9

Manual Integrations

APPROVED

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10/22/2020 3:25:27 PM



#4

Vinyl Chloride

Concen: 3.645 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064212.D

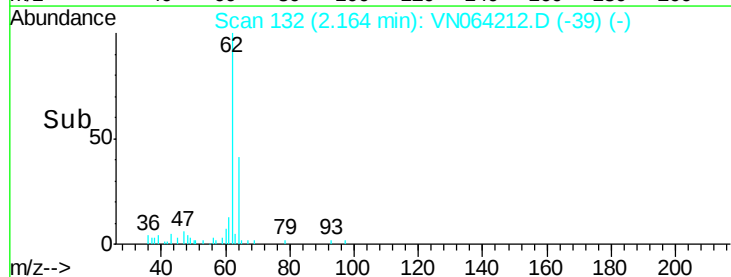
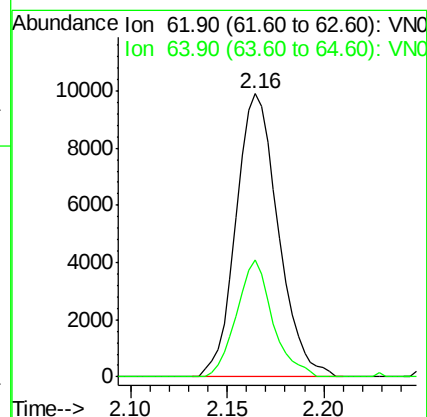
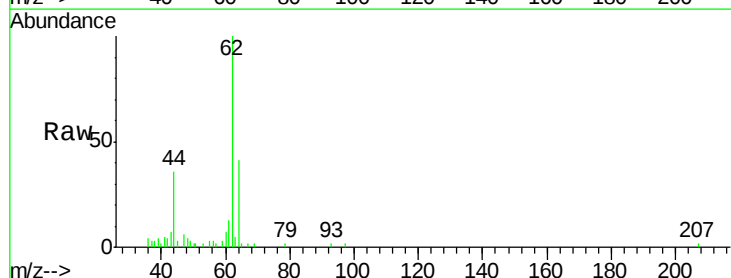
Acq: 21 Oct 2020 10:58

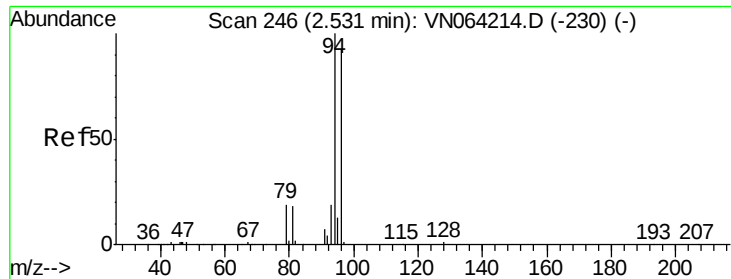
Tgt Ion: 62 Resp: 14992

Ion Ratio Lower Upper

62 100

64 41.1 26.8 40.2#





#5

Bromomethane

Concen: 3.730 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 11118

Ion Ratio Lower Upper

94 100

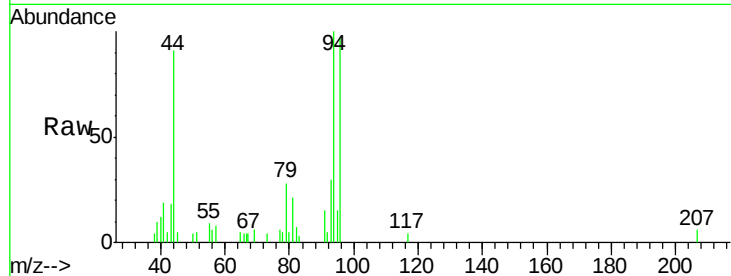
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Manual Integrations

APPROVED

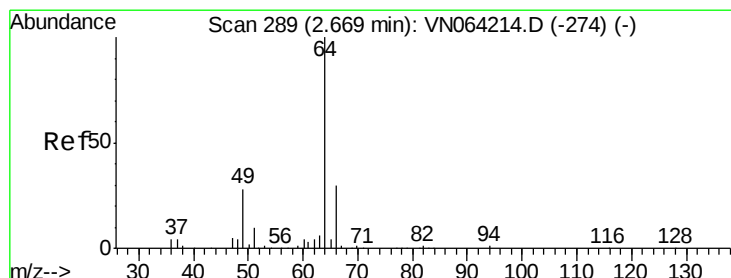
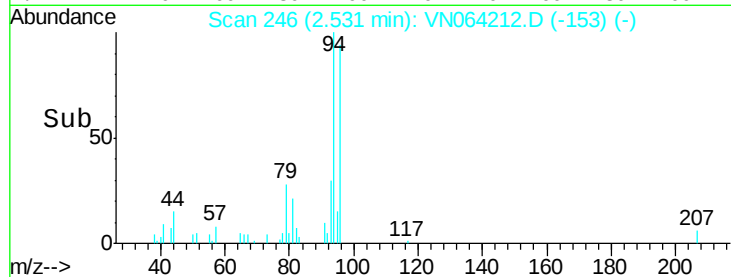
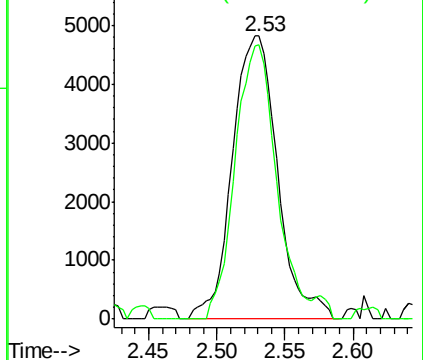
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 3.293 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN064212.D

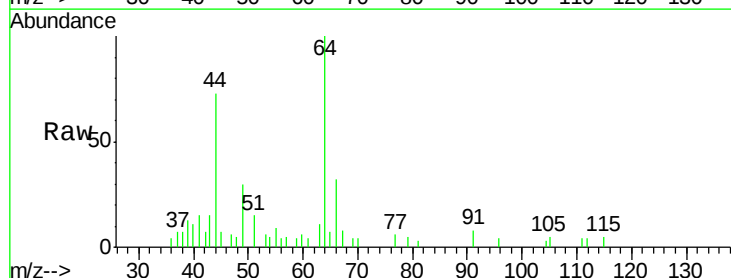
Acq: 21 Oct 2020 10:58

Tgt Ion: 64 Resp: 10403

Ion Ratio Lower Upper

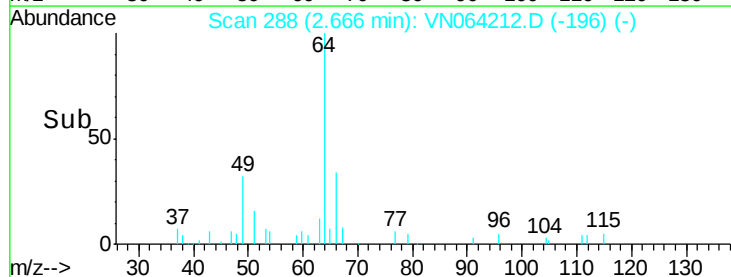
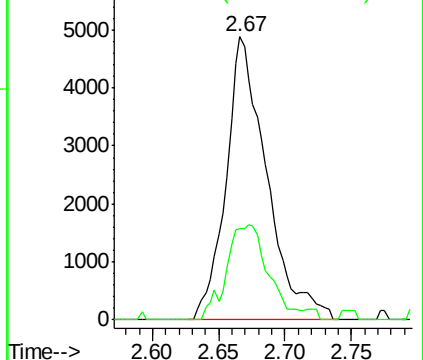
64 100

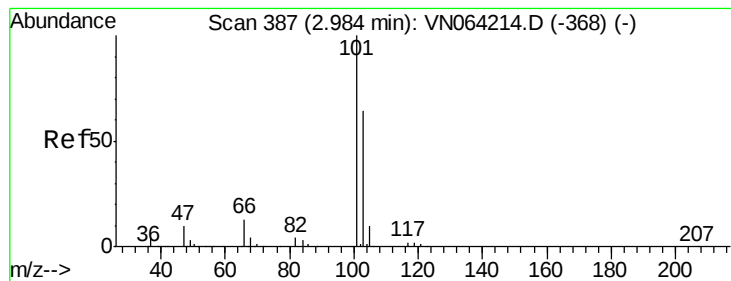
66 32.4 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

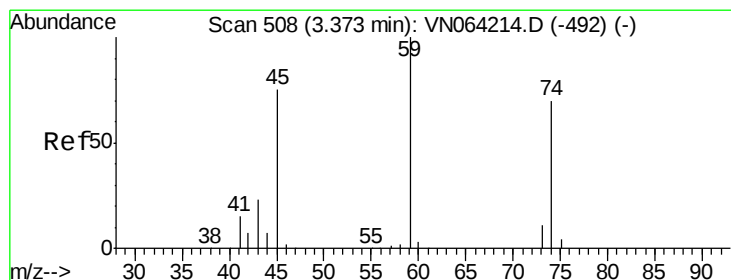
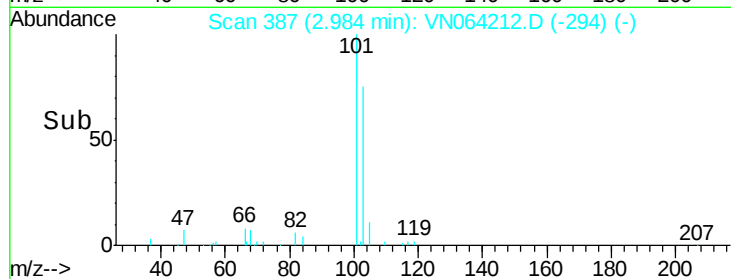
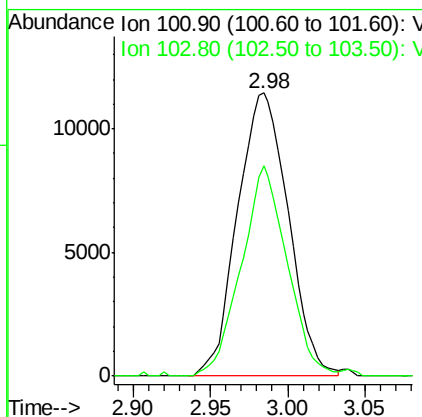
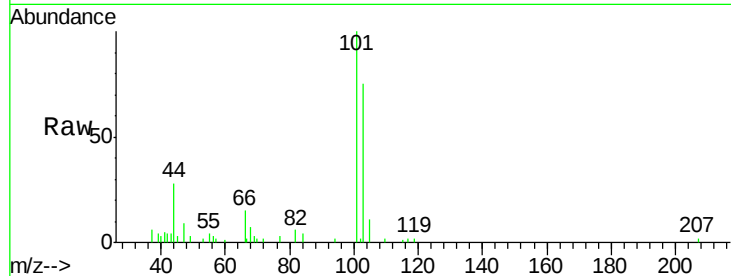
Trichlorofluoromethane  
Concen: 4.494 ug/l  
RT: 2.98 min Scan# 387  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 74.5  | 51.0  | 76.6  |

Manual Integrations  
APPROVED

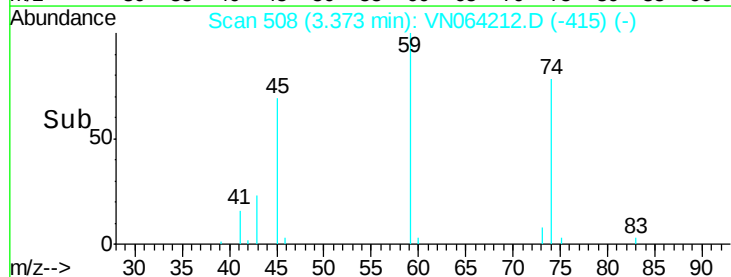
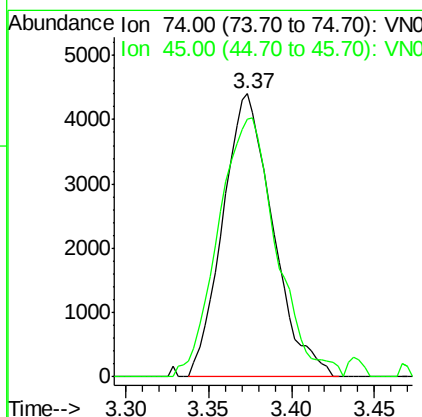
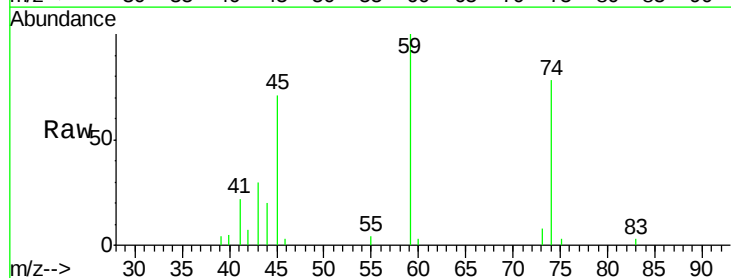
MMDadoda  
10/22/2020 3:25:27 PM

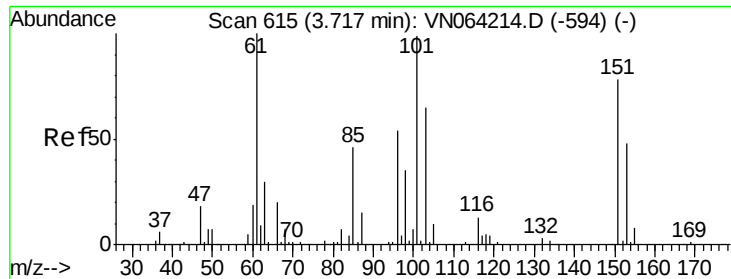


#8

Diethyl Ether  
Concen: 5.079 ug/l  
RT: 3.37 min Scan# 508  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 105.9 | 51.3  | 154.0 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.161 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

Instrument :

MSVOA\_N

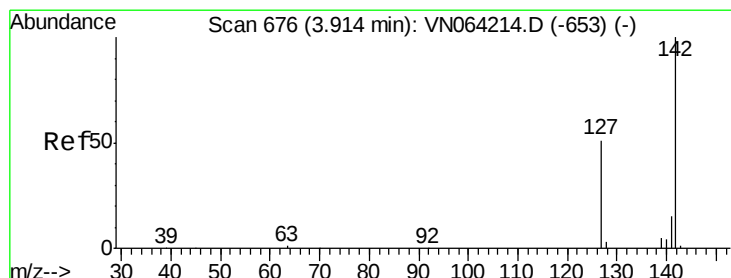
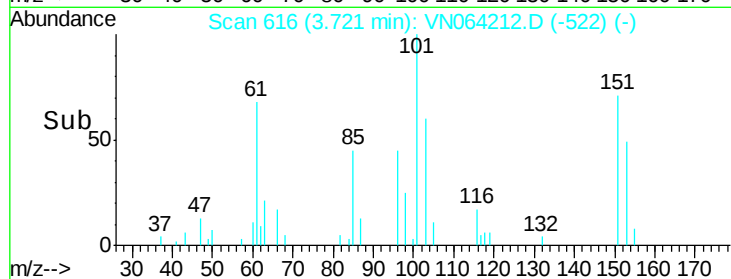
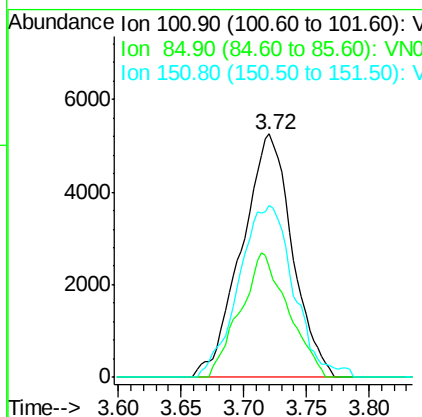
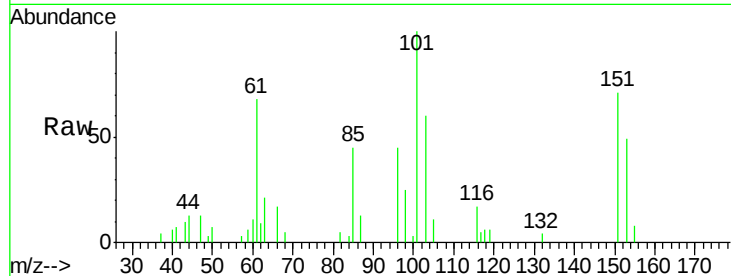
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 14749 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 48.3  | 37.8  | 56.8  |
| 151       | 76.1  | 61.4  | 92.2  |

Manual Integrations  
APPROVED

MMDadoda  
10/22/2020 3:25:27 PM



#10

Methyl Iodide

Concen: 4.337 ug/l

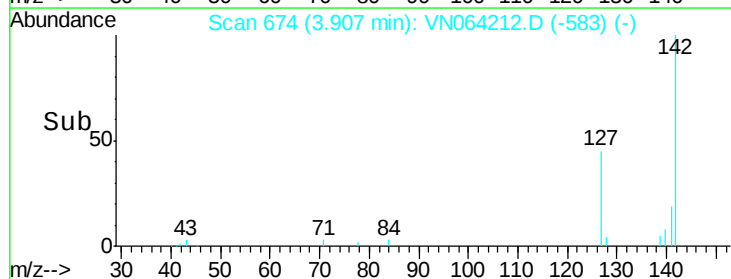
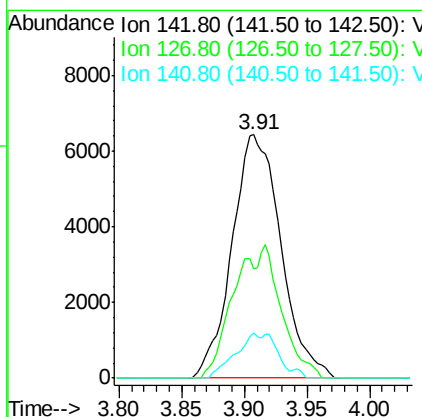
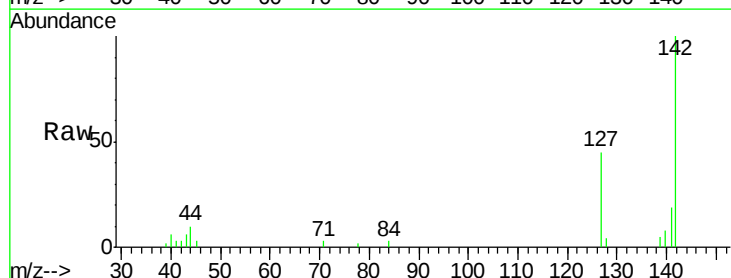
RT: 3.91 min Scan# 674

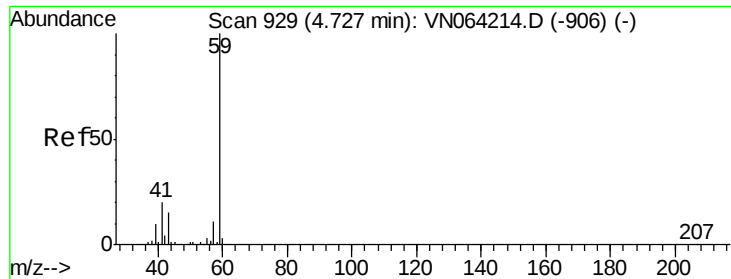
Delta R.T. -0.01 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 17456 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 25.3  | 41.0  | 61.6# |
| 141       | 9.8   | 11.3  | 16.9# |





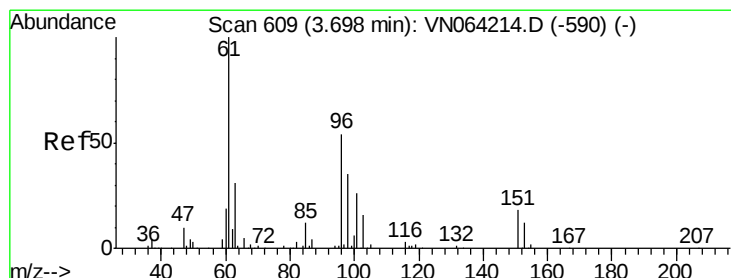
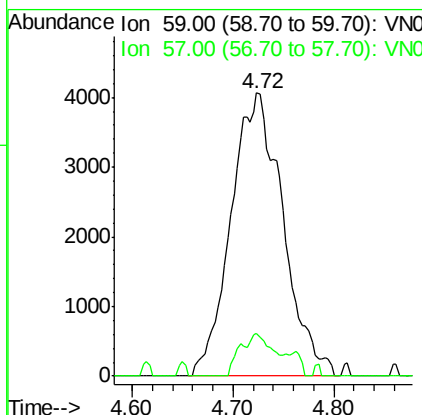
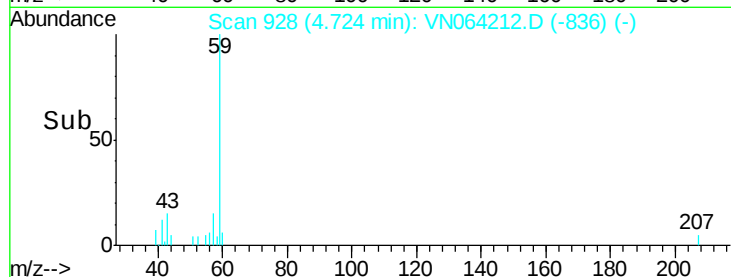
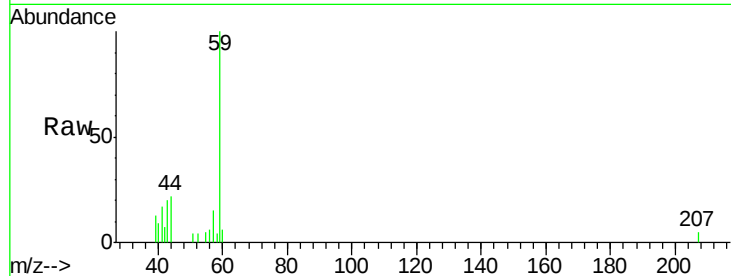
#11  
Tert butyl alcohol  
Concen: 30.160 ug/l  
RT: 4.72 min Scan# 928  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.4   | 9.2   | 13.8  |

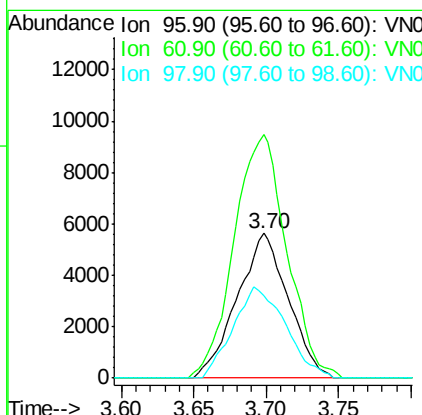
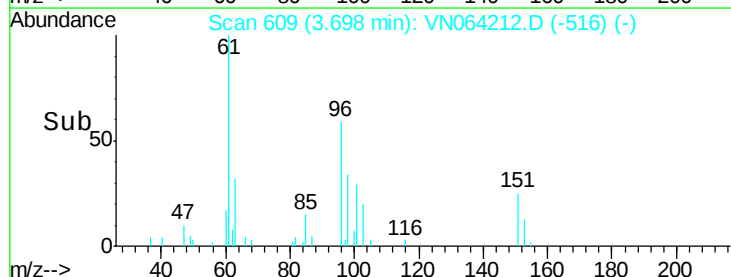
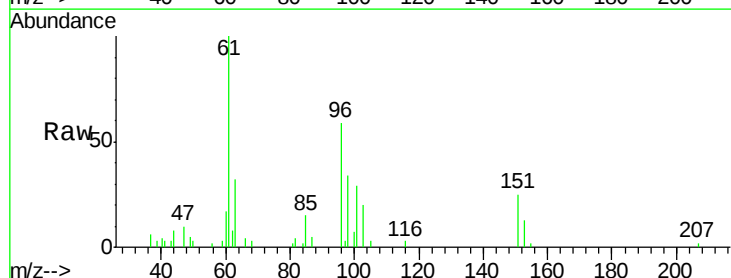
Manual Integrations  
APPROVED

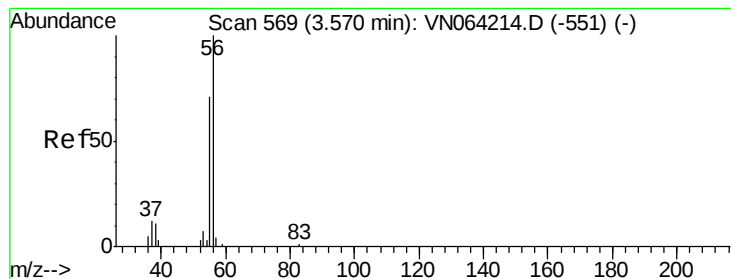
MMDadoda  
10/22/2020 3:25:27 PM



#12  
1,1-Dichloroethene  
Concen: 4.819 ug/l  
RT: 3.70 min Scan# 609  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 168.1 | 147.0 | 220.4 |
| 98      | 57.1  | 51.7  | 77.5  |





#13

Acrolein

Concen: 19.197 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 6995

Ion Ratio Lower Upper

56 100

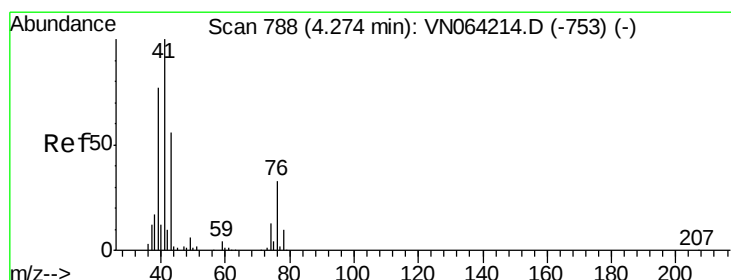
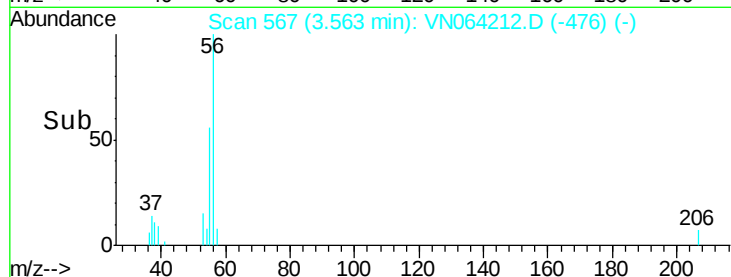
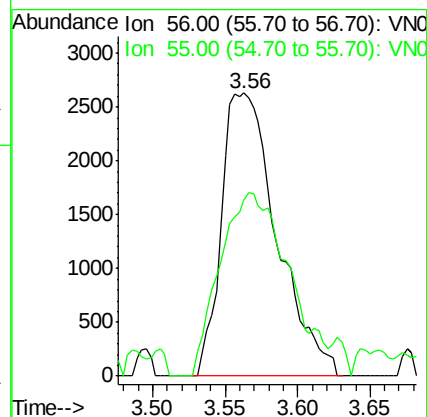
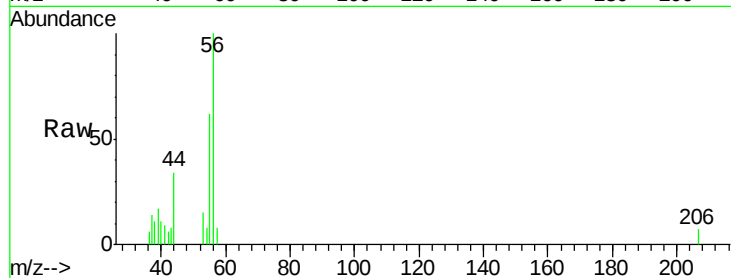
55 80.0 56.1 84.1

Manual Integrations

APPROVED

MMDadoda

10/22/2020 3:25:27 PM



#14

Allyl chloride

Concen: 5.305 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

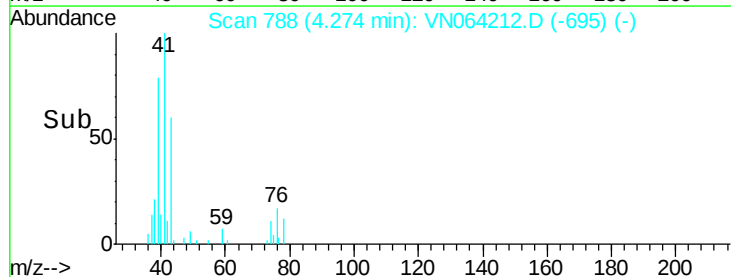
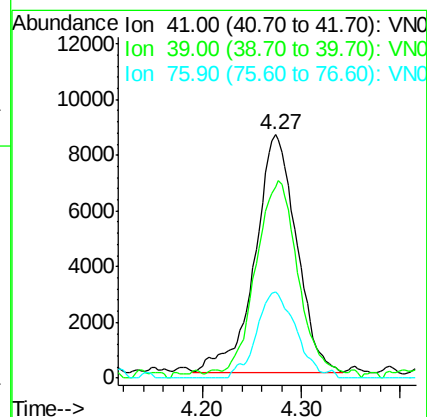
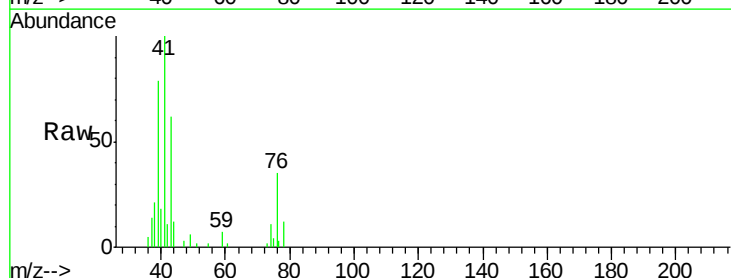
Tgt Ion: 41 Resp: 24829

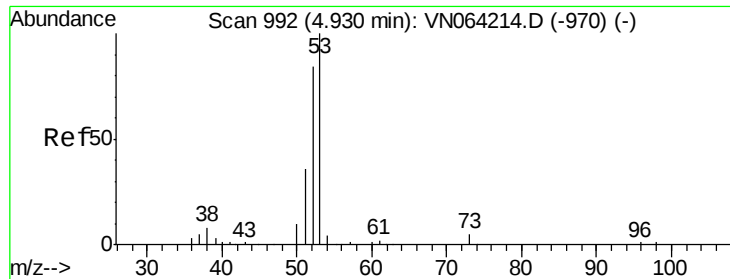
Ion Ratio Lower Upper

41 100

39 79.0 58.6 88.0

76 34.3 24.5 36.7





#15

Acrylonitrile

Concen: 21.496 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

Instrument :

MSVOA\_N

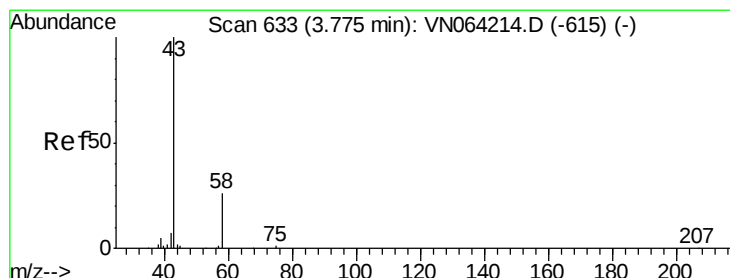
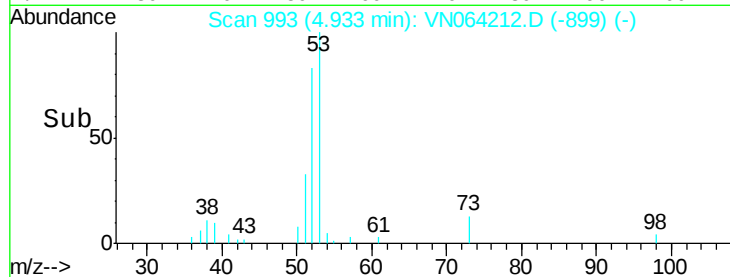
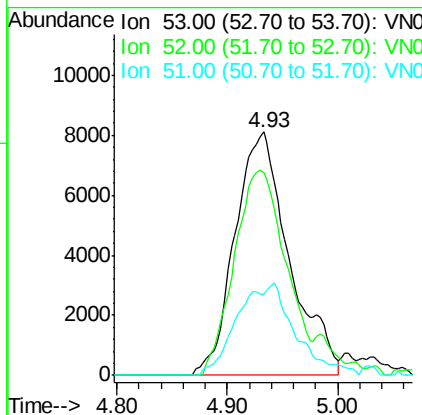
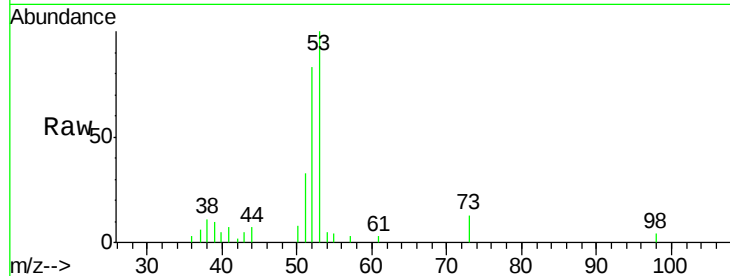
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 27724 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 79.8  | 66.8  | 100.2 |
| 51       | 17.8  | 30.7  | 46.1# |

Manual Integrations  
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10/22/2020 3:25:27 PM



#16

Acetone

Concen: 23.736 ug/l

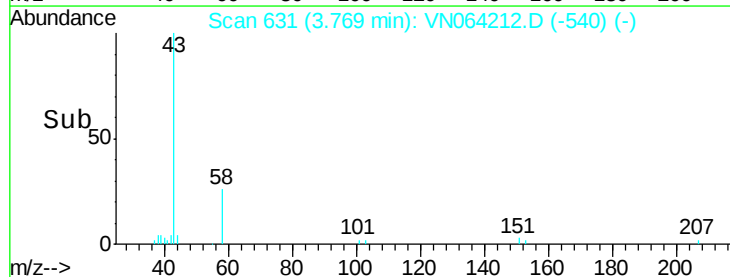
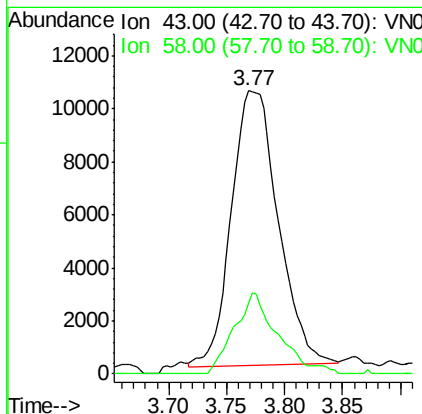
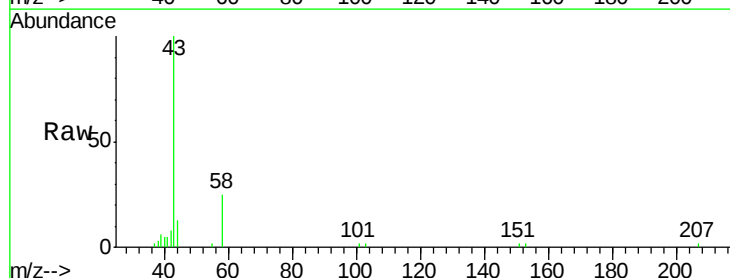
RT: 3.77 min Scan# 631

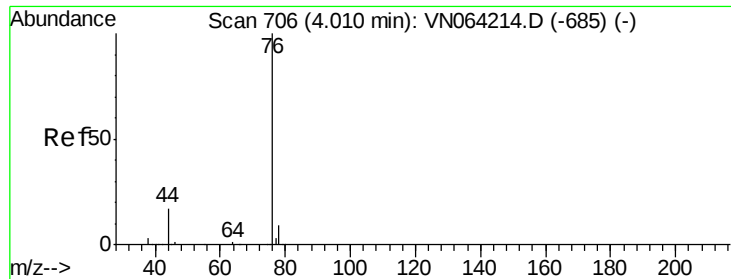
Delta R.T. -0.01 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 29224 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 26.2  | 21.0  | 31.4  |





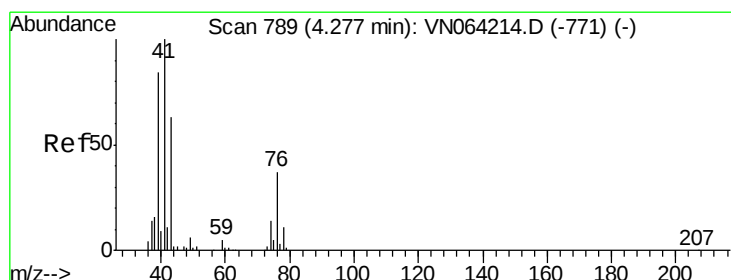
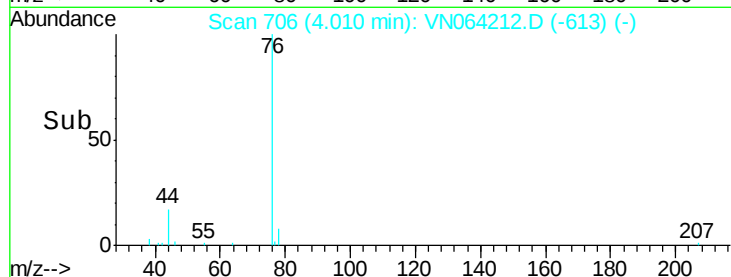
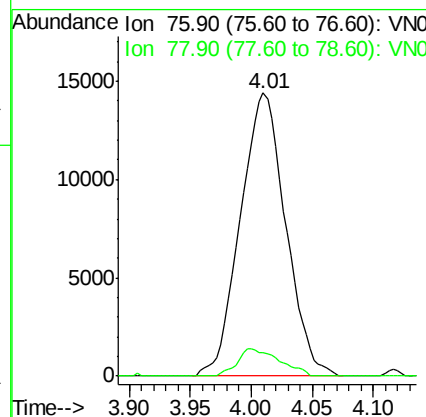
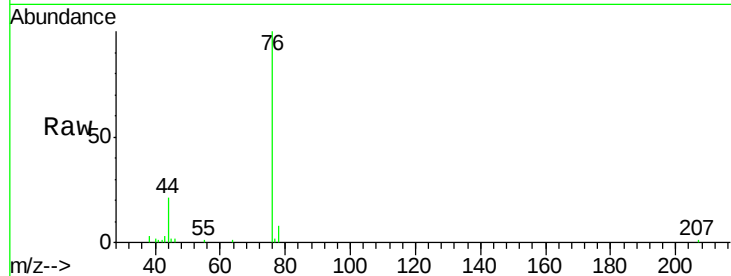
#17  
Carbon Disulfide  
Concen: 4.526 ug/l  
RT: 4.01 min Scan# 706  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion: 76 Resp: 37016  
Ion Ratio Lower Upper  
76 100  
78 8.1 7.1 10.7

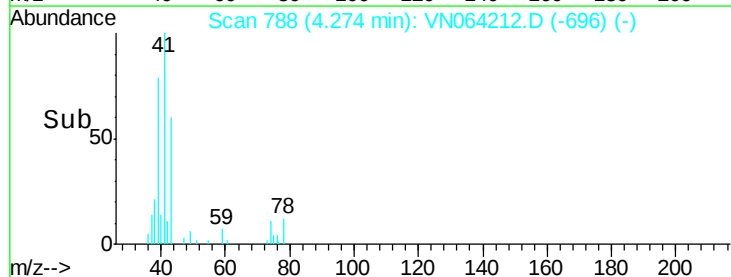
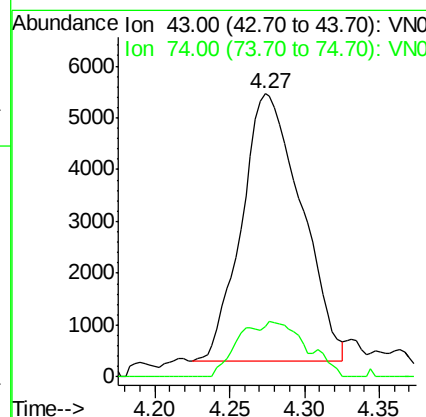
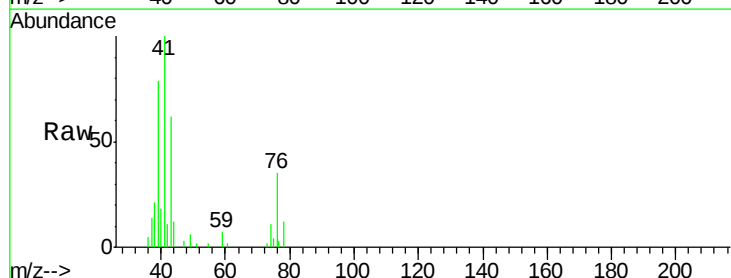
Manual Integrations  
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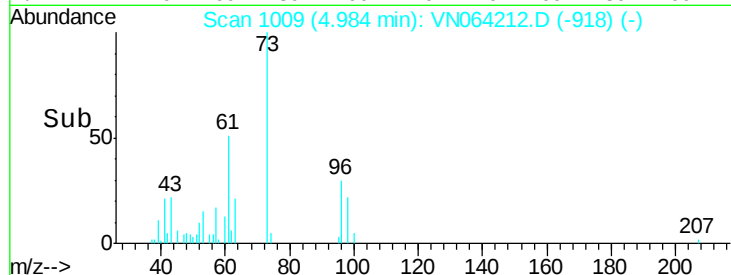
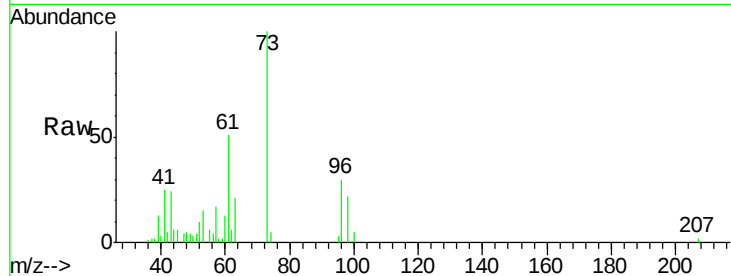
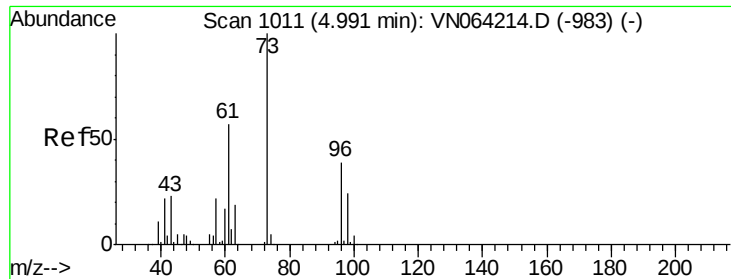
MMDadoda  
10/22/2020 3:25:27 PM



#18  
Methyl Acetate  
Concen: 4.651 ug/l  
RT: 4.27 min Scan# 788  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Tgt Ion: 43 Resp: 14343  
Ion Ratio Lower Upper  
43 100  
74 8.7 17.9 26.9#





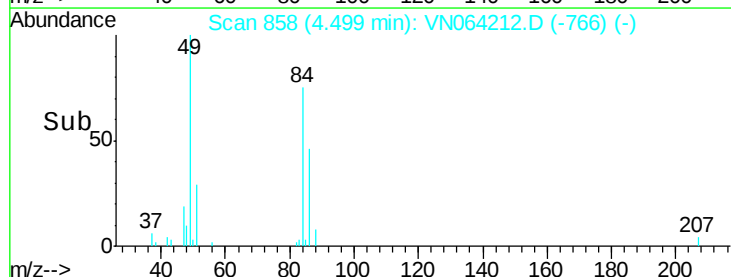
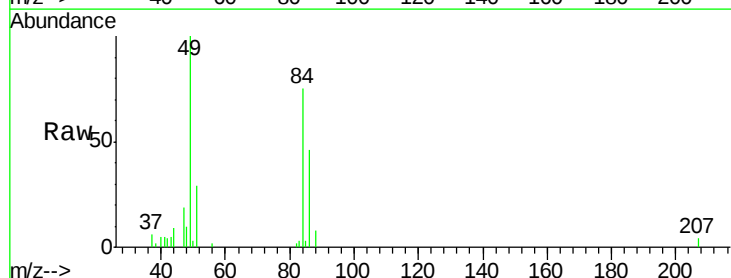
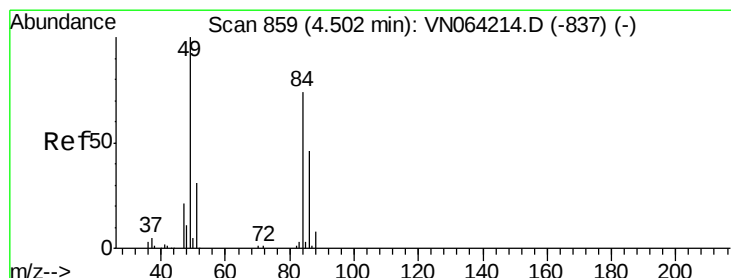
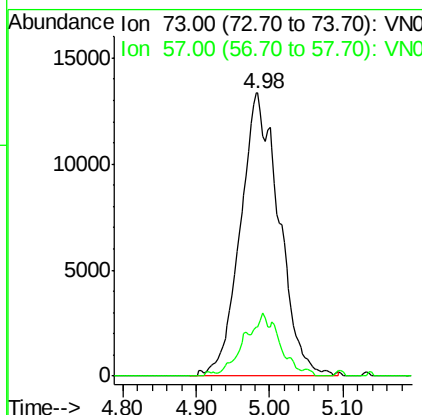
#19  
Methyl tert-butyl Ether  
Concen: 5.719 ug/l m  
RT: 4.98 min Scan# 1009  
Delta R.T. -0.01 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Tot Ion: 73 Resp: 49148  
Ion Ratio Lower Upper  
73 100  
57 17.5 18.0 27.0#

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

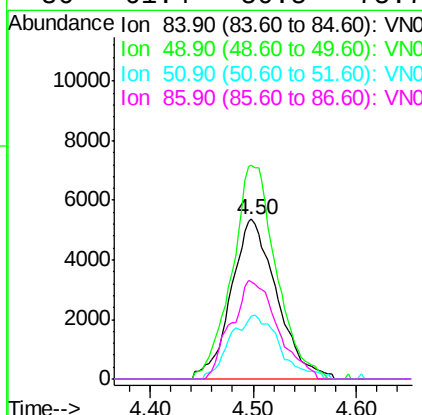
Manual Integrations  
APPROVED

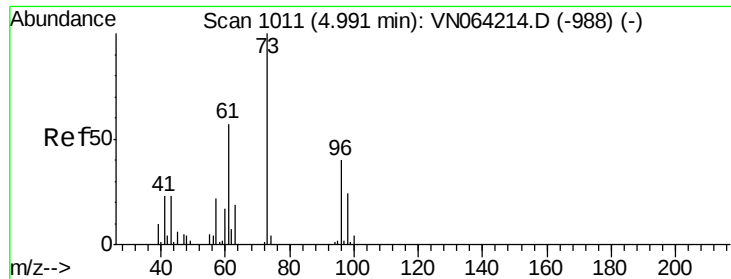
MMDadoda  
10/22/2020 3:25:27 PM



#20  
Methylene Chloride  
Concen: 4.439 ug/l  
RT: 4.50 min Scan# 858  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Tgt Ion: 84 Resp: 16510  
Ion Ratio Lower Upper  
84 100  
49 133.9 108.5 162.7  
51 39.0 33.8 50.8  
86 61.4 50.5 75.7





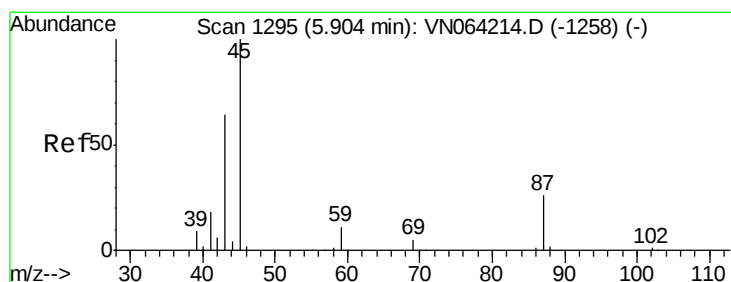
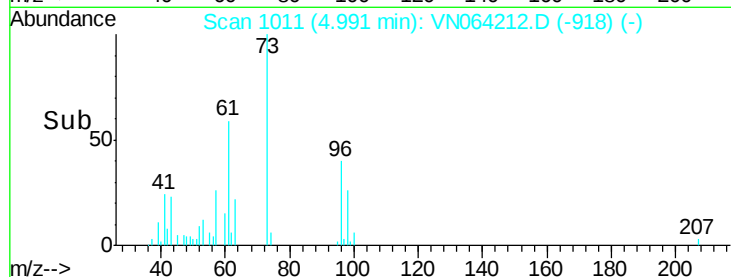
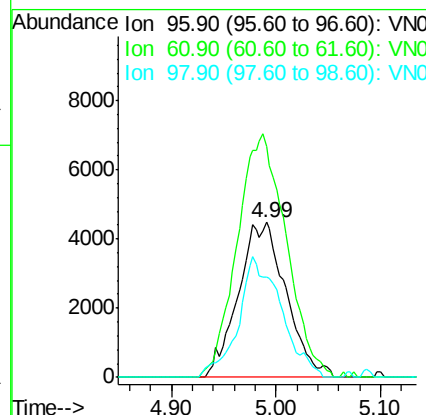
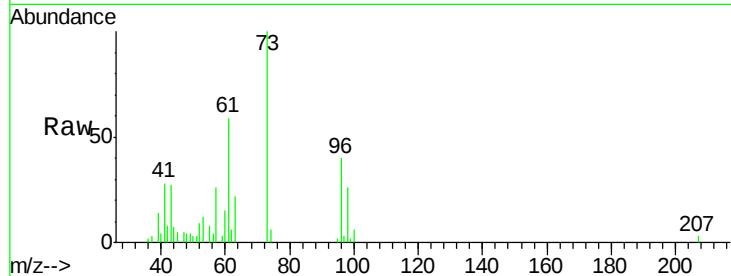
#21  
trans-1,2-Dichloroethene  
Concen: 4.414 ug/l m  
RT: 4.99 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 148.5 | 115.8 | 173.6 |
| 98      | 64.8  | 49.4  | 74.0  |

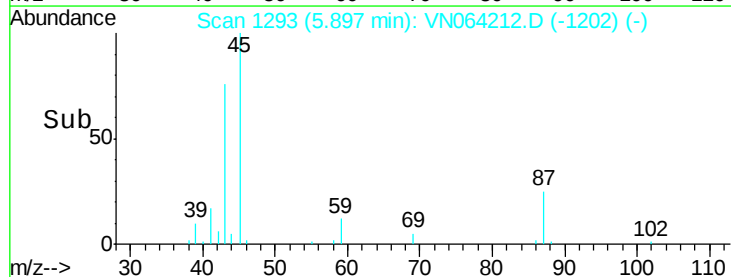
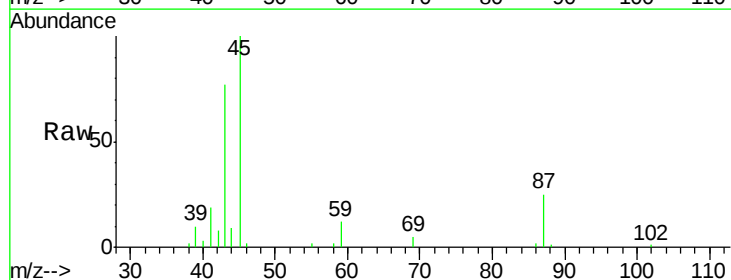
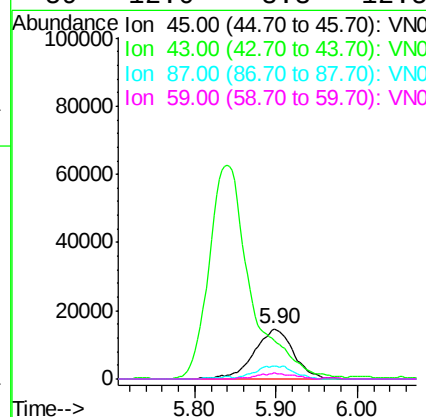
Manual Integrations  
APPROVED

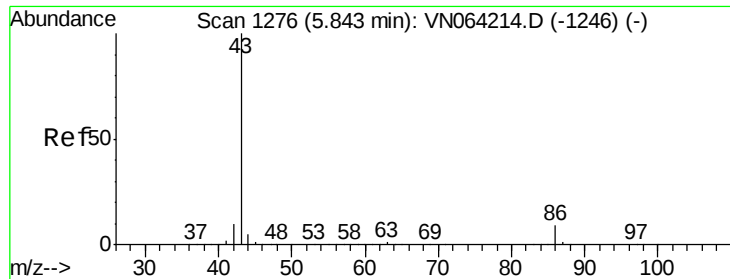
MMDadoda  
10/22/2020 3:25:27 PM



#22  
Diisopropyl ether  
Concen: 5.575 ug/l  
RT: 5.90 min Scan# 1293  
Delta R.T. -0.01 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 73.1  | 52.2  | 78.4  |
| 87      | 25.4  | 21.4  | 32.0  |
| 59      | 12.0  | 8.3   | 12.5  |





#23

Vinyl Acetate

Concen: 28.300 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 224561

Ion Ratio Lower Upper

43 100

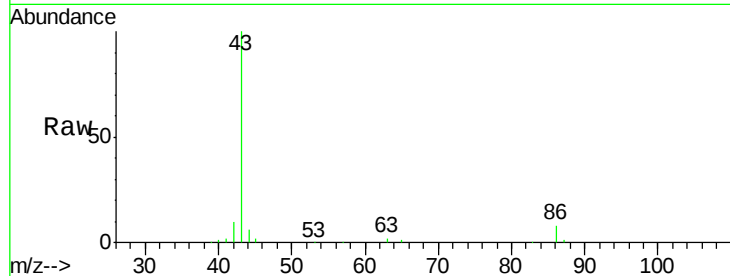
86 8.3 7.4 11.0

Manual Integrations

APPROVED

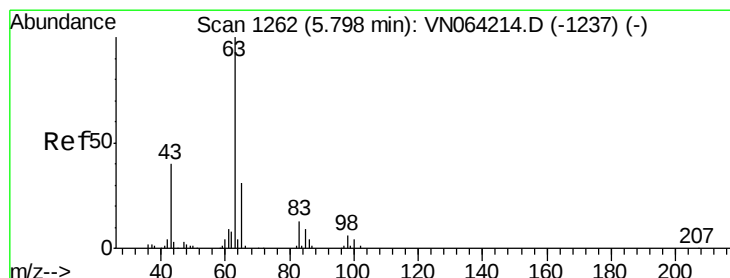
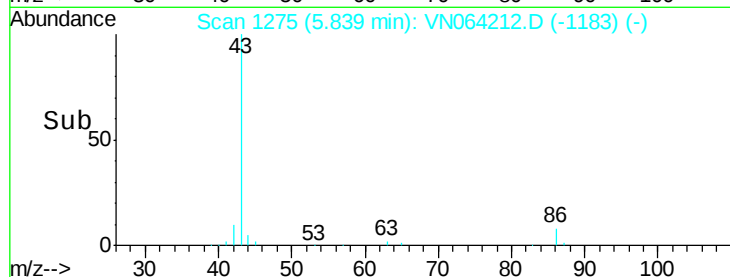
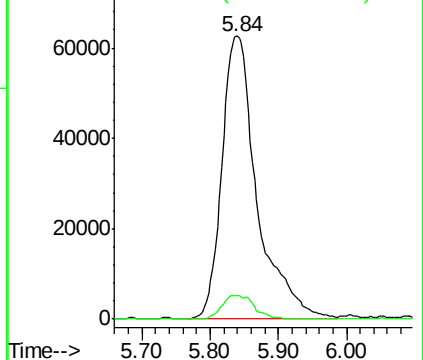
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 4.911 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

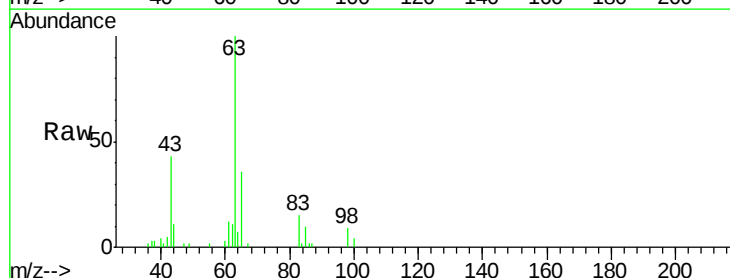
Tgt Ion: 63 Resp: 29822

Ion Ratio Lower Upper

63 100

98 8.6 2.9 8.7

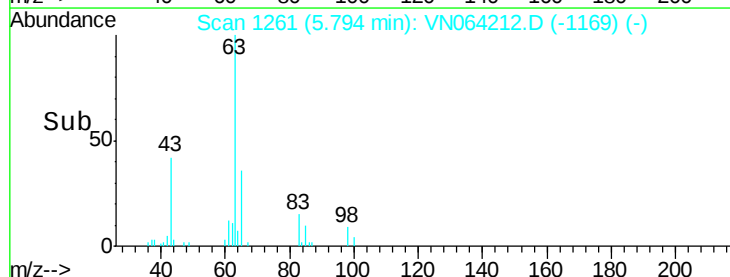
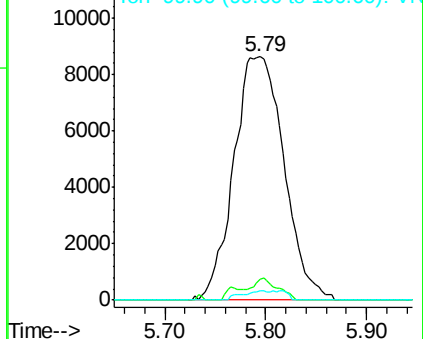
100 3.7 2.0 6.0

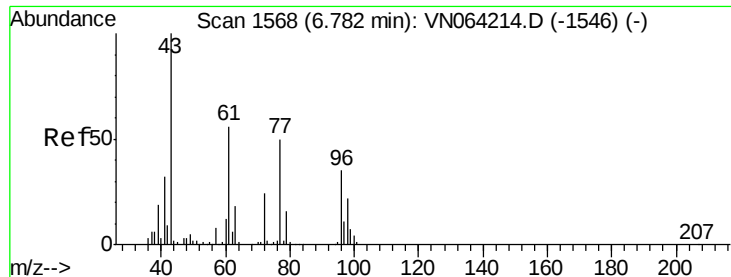


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





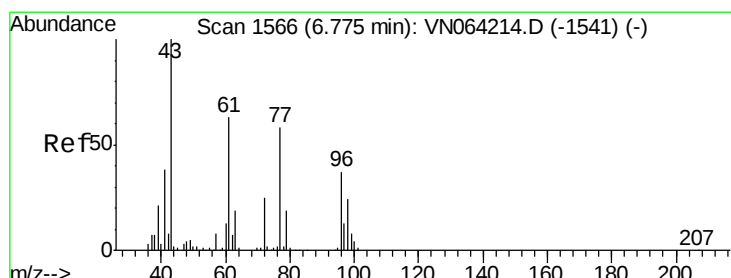
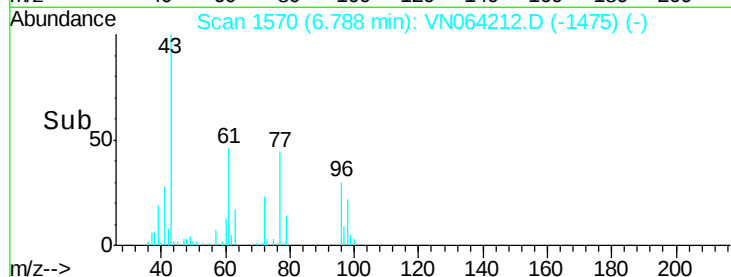
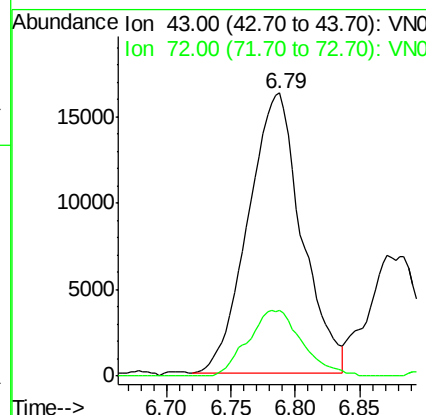
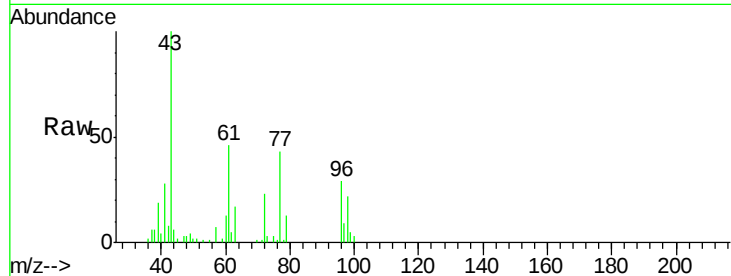
#25  
2-Butanone  
Concen: 24.826 ug/l  
RT: 6.79 min Scan# 1570  
Delta R.T. 0.01 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion: 43 Resp: 46899  
Ion Ratio Lower Upper  
43 100  
72 23.4 19.4 29.0

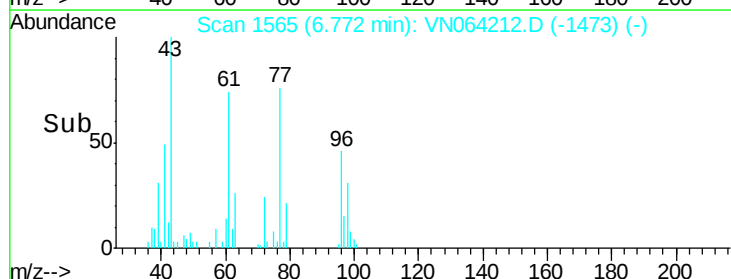
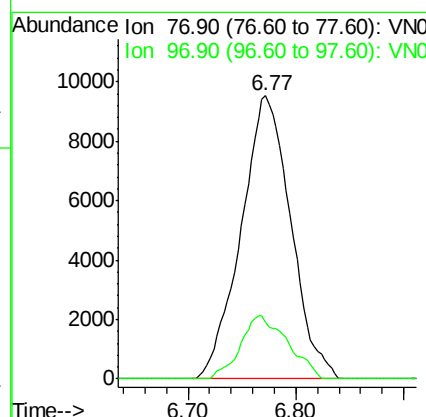
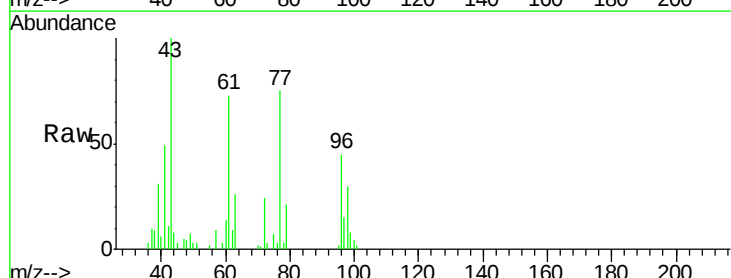
Manual Integrations  
APPROVED

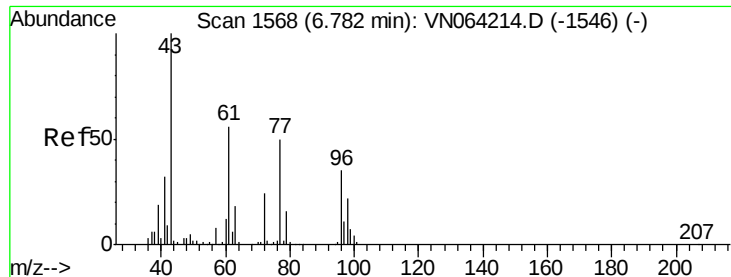
MMDadoda  
10/22/2020 3:25:27 PM



#26  
2,2-Dichloropropane  
Concen: 5.832 ug/l  
RT: 6.77 min Scan# 1565  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Tgt Ion: 77 Resp: 30470  
Ion Ratio Lower Upper  
77 100  
97 21.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 4.515 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

Instrument :

MSVOA\_N

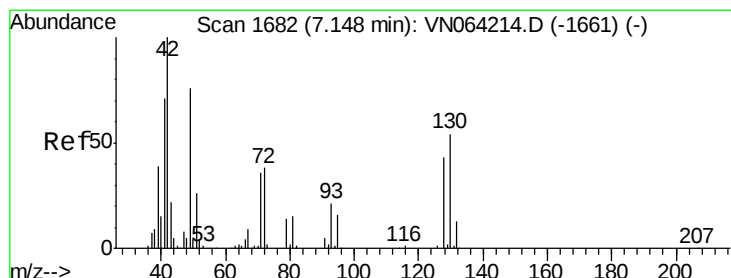
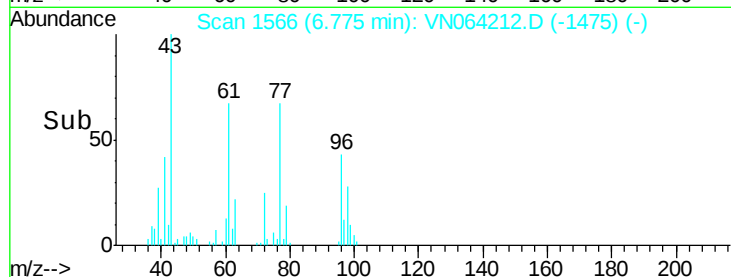
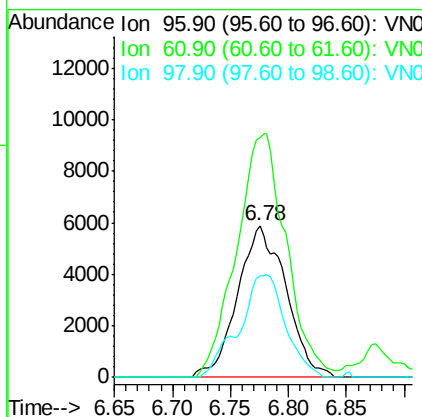
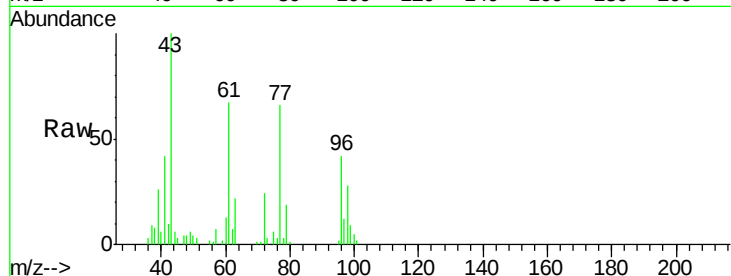
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 17053 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 165.0 | 0.0   | 330.0 |
| 98       | 65.3  | 0.0   | 130.6 |

Manual Integrations  
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#28

Bromochloromethane

Concen: 5.165 ug/l

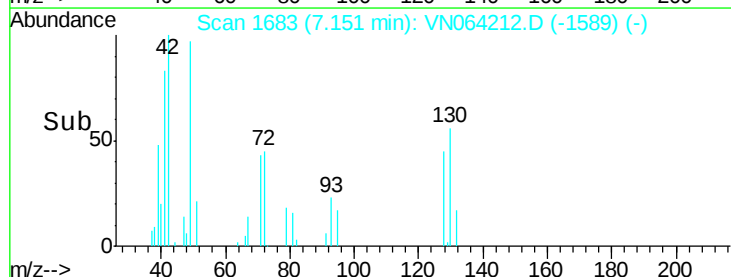
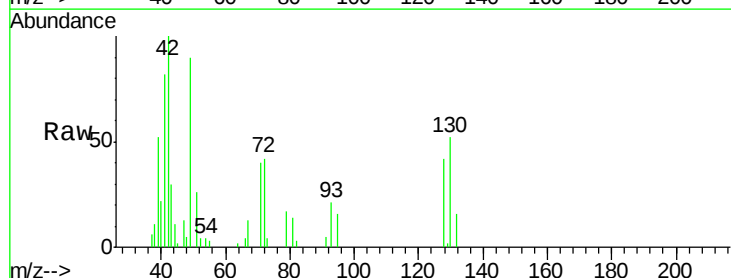
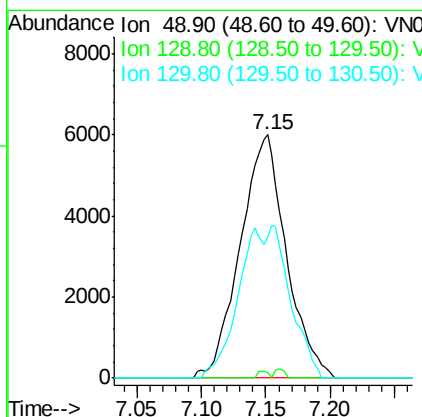
RT: 7.15 min Scan# 1683

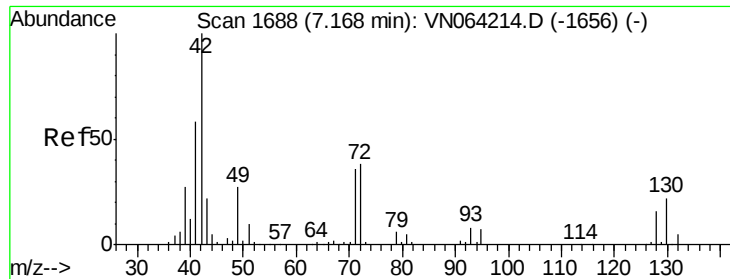
Delta R.T. 0.00 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 14949 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.6   | 0.0   | 2.8   |
| 130      | 35.3  | 58.8  | 88.2# |





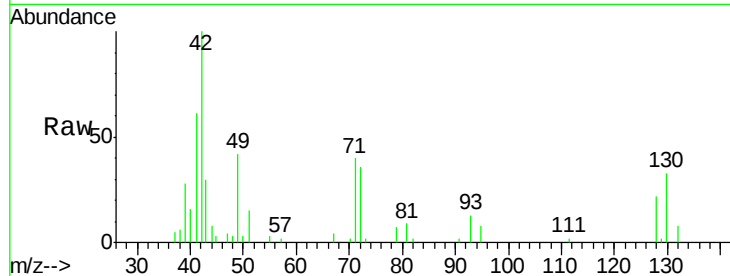
#29  
Tetrahydrofuran  
Concen: 25.333 ug/l  
RT: 7.16 min Scan# 1686  
Delta R.T. -0.01 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 38.6  | 30.8  | 46.2  |
| 71      | 37.8  | 29.0  | 43.6  |

Manual Integrations  
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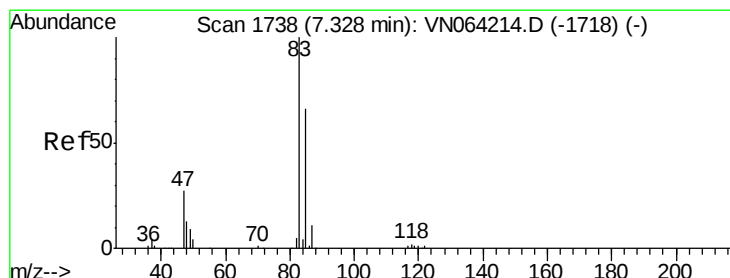
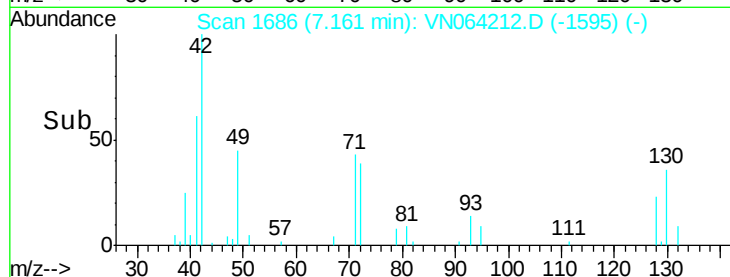
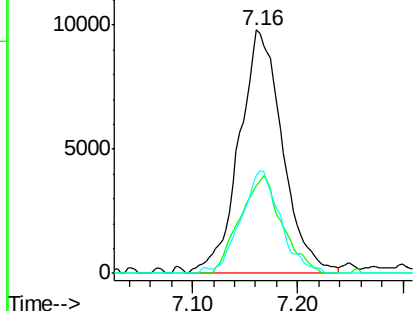
MMDadoda  
10/22/2020 3:25:27 PM



Abundance Ion 42.00 (41.70 to 42.70): VN064212.D (-1656) (-)

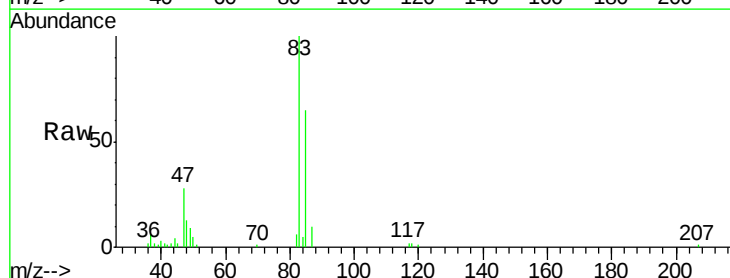
Ion 72.00 (71.70 to 72.70): VN064212.D (-1656) (-)

Ion 71.00 (70.70 to 71.70): VN064212.D (-1656) (-)



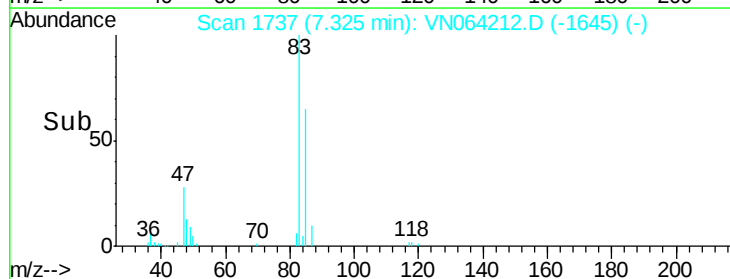
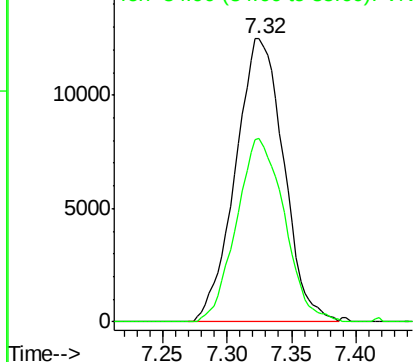
#30  
Chloroform  
Concen: 5.054 ug/l  
RT: 7.32 min Scan# 1737  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

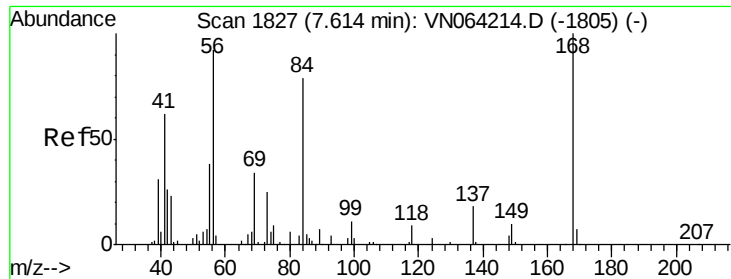
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.9  | 52.5  | 78.7  |



Abundance Ion 82.90 (82.60 to 83.60): VN064212.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN064212.D (-1645) (-)





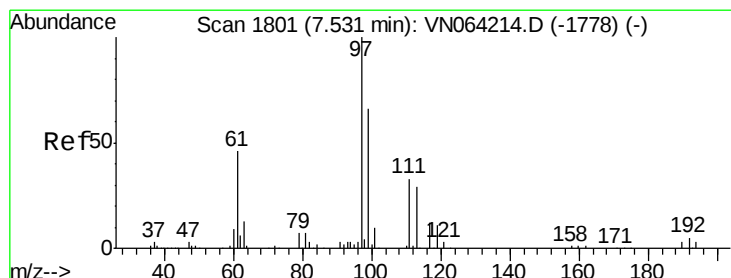
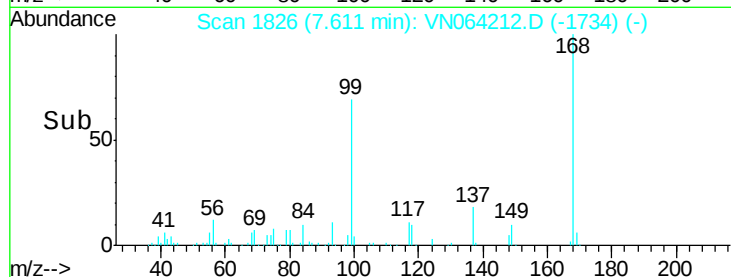
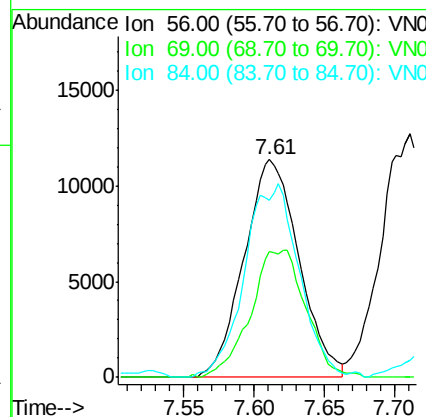
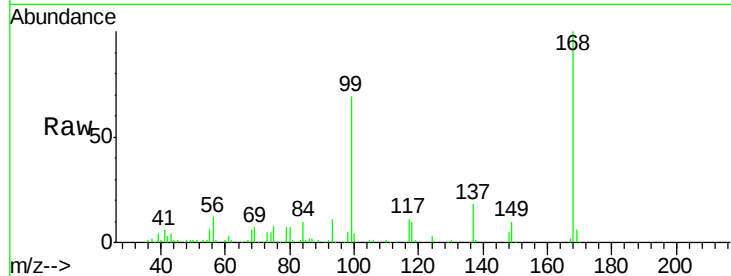
#31  
Cyclohexane  
Concen: 6.683 ug/l  
RT: 7.61 min Scan# 1826  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 56.3  | 29.8  | 44.6# |
| 84      | 81.5  | 68.1  | 102.1 |

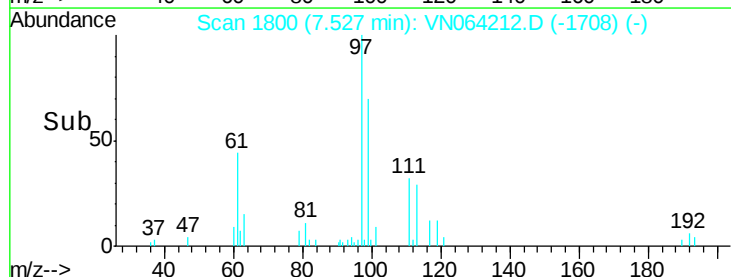
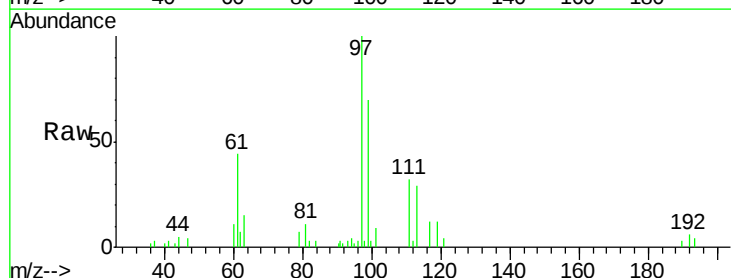
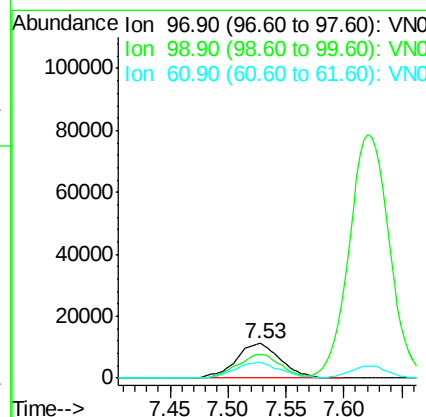
Manual Integrations  
APPROVED

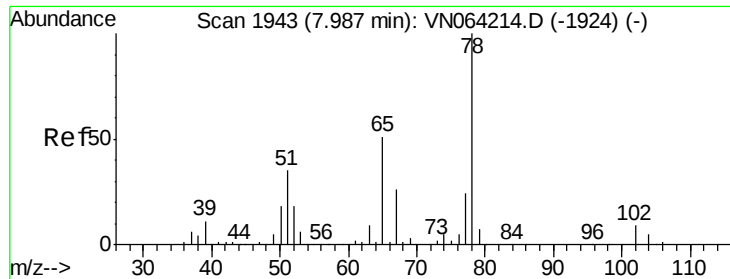
MMDadoda  
10/22/2020 3:25:27 PM



#32  
1,1,1-Trichloroethane  
Concen: 5.266 ug/l  
RT: 7.53 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 66.5  | 51.2  | 76.8  |
| 61      | 45.4  | 36.3  | 54.5  |





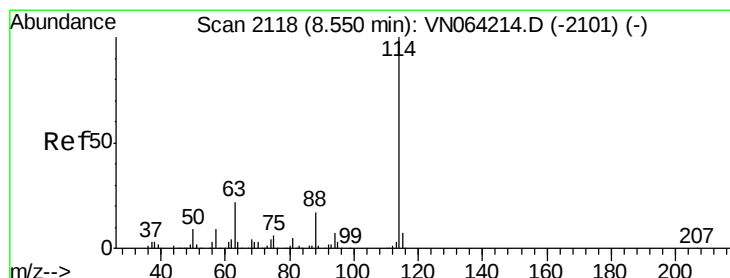
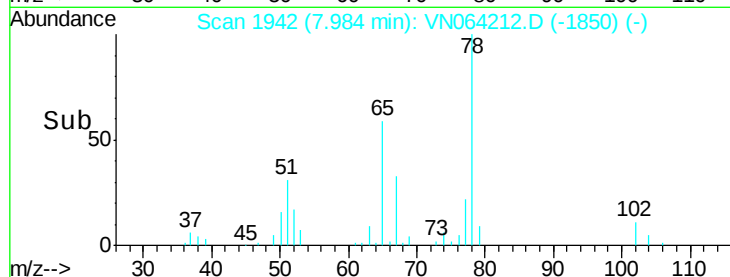
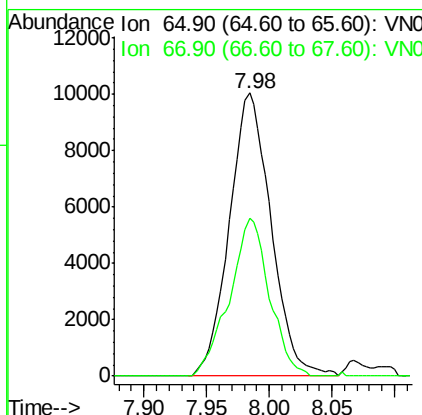
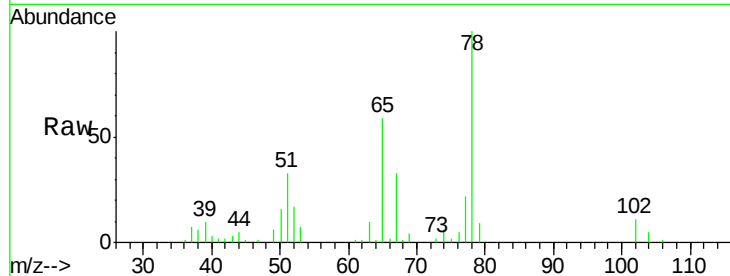
#33  
 1,2-Dichloroethane-d4  
 Concen: 5.572 ug/l  
 RT: 7.98 min Scan# 1942  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 23204 |       |       |
| 67      | 53.2  | 0.0   | 100.2 |       |

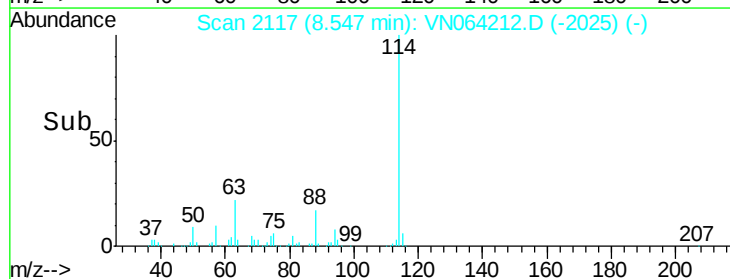
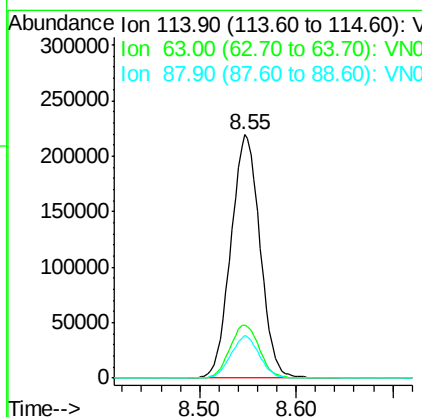
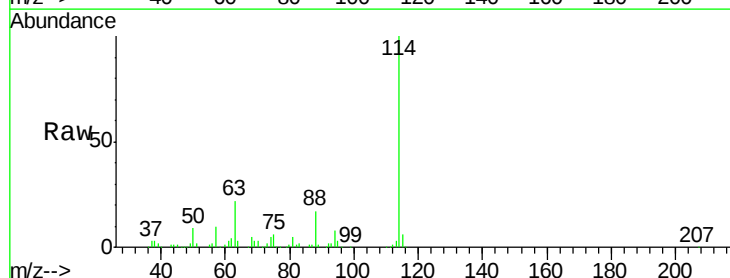
Manual Integrations  
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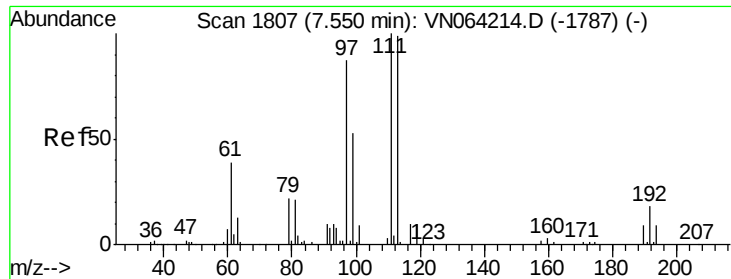
MMDadoda  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2117  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 458231 |       |       |
| 63      | 21.8  | 0.0    | 44.0  |       |
| 88      | 17.4  | 0.0    | 34.2  |       |





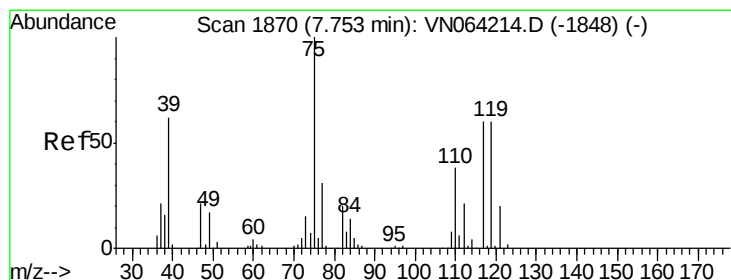
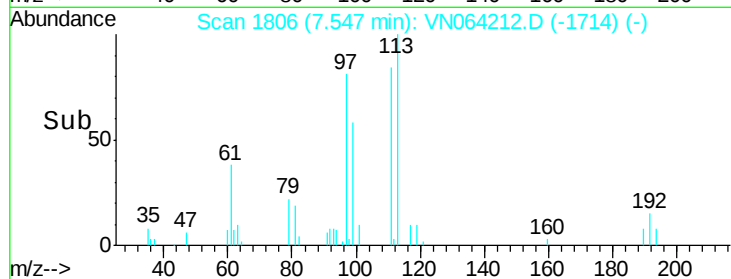
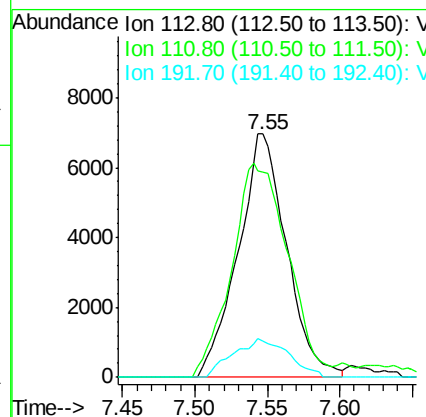
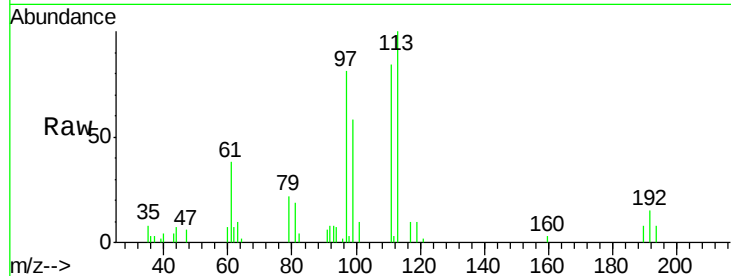
#35  
 Dibromofluoromethane  
 Concen: 5.110 ug/l  
 RT: 7.55 min Scan# 1806  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.8 | 84.2  | 126.2 |
| 192     | 18.0  | 15.2  | 22.8  |

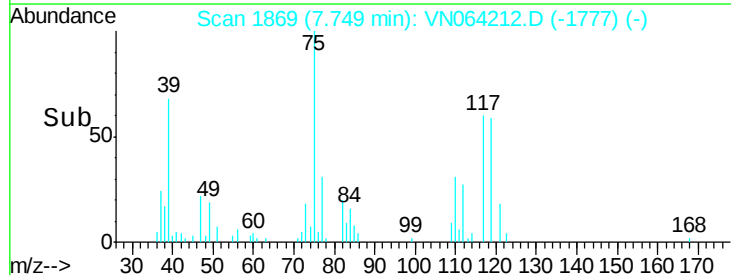
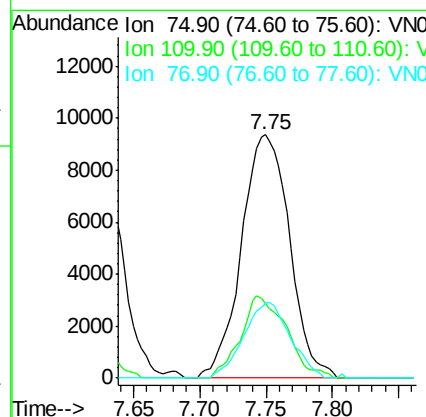
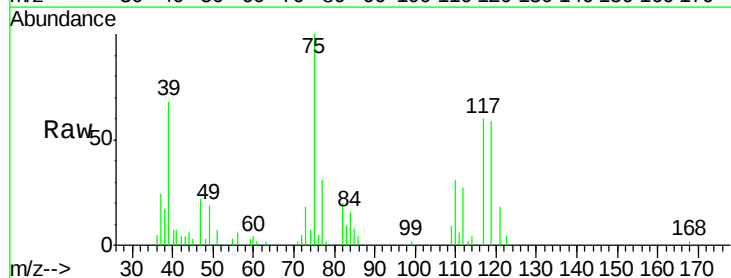
Manual Integrations  
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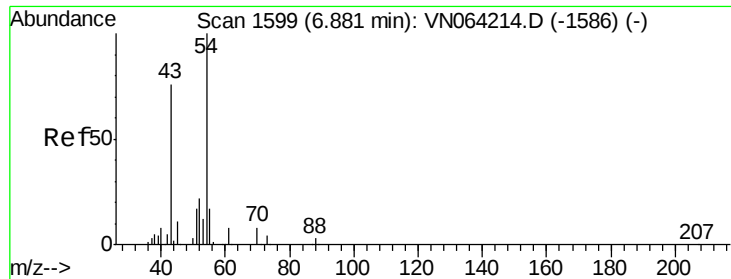
MMDadoda  
 10/22/2020 3:25:27 PM



#36  
 1,1-Dichloropropene  
 Concen: 5.304 ug/l  
 RT: 7.75 min Scan# 1869  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 32.1  | 17.2  | 51.6  |
| 77      | 30.1  | 24.9  | 37.3  |





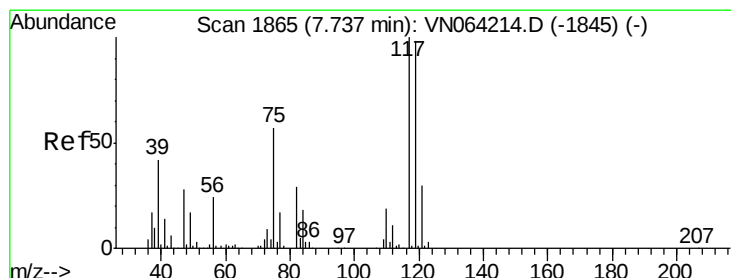
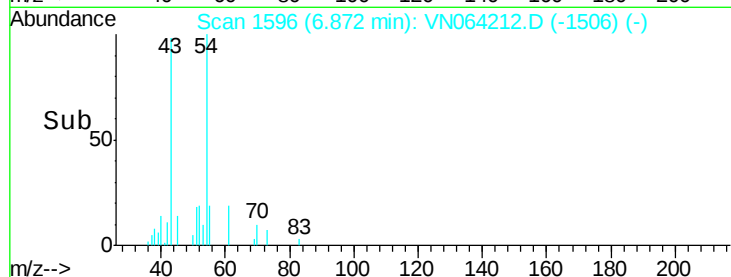
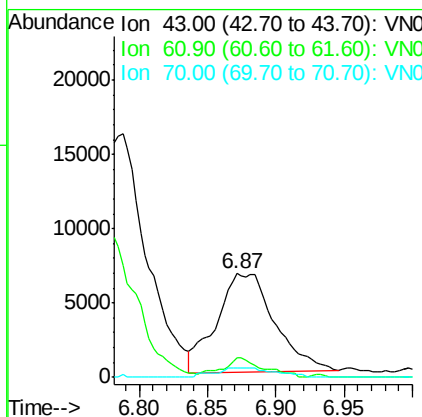
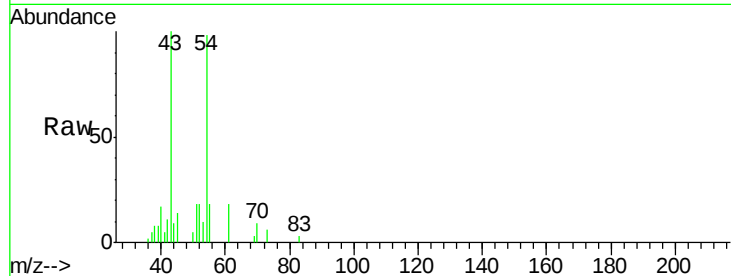
#37  
Ethyl Acetate  
Concen: 4.898 ug/l  
RT: 6.87 min Scan# 1596  
Delta R.T. -0.01 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.0  | 10.0  | 15.0  |
| 70      | 8.7   | 7.5   | 11.3  |

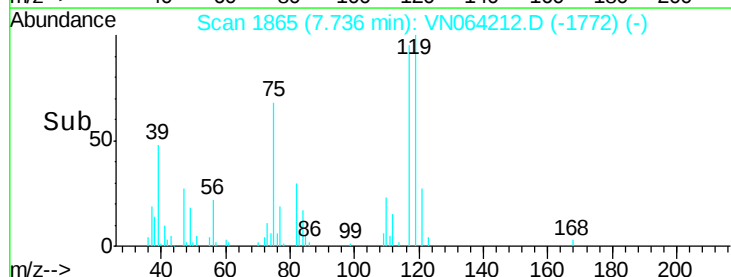
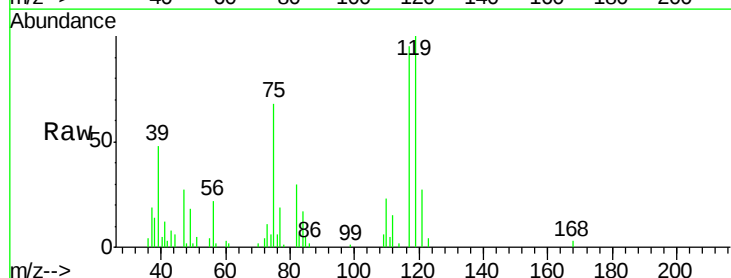
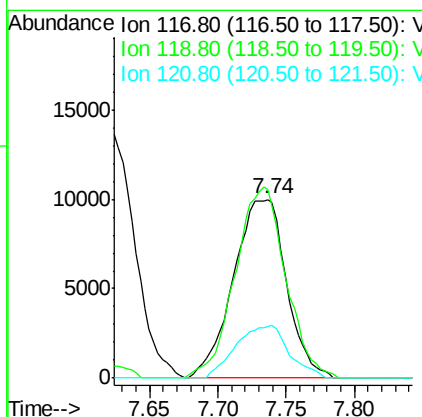
Manual Integrations  
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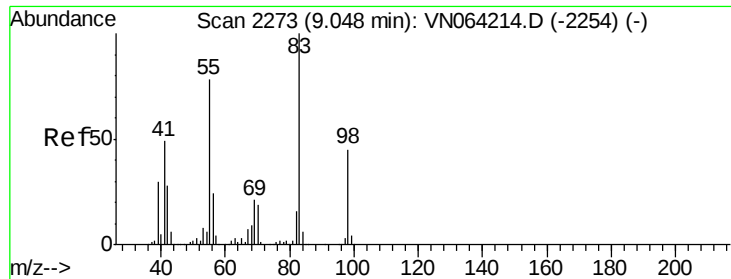
MMDadoda  
10/22/2020 3:25:27 PM



#38  
Carbon Tetrachloride  
Concen: 5.541 ug/l  
RT: 7.74 min Scan# 1865  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 105.2 | 78.5  | 117.7 |
| 121     | 28.6  | 24.3  | 36.5  |





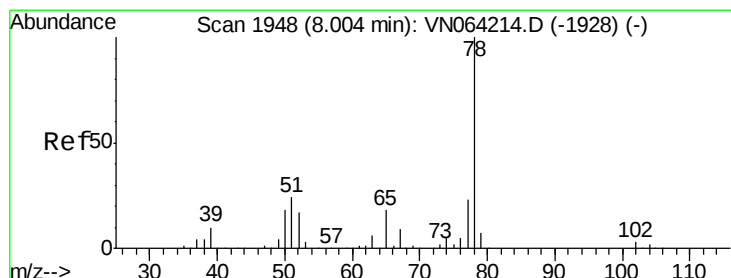
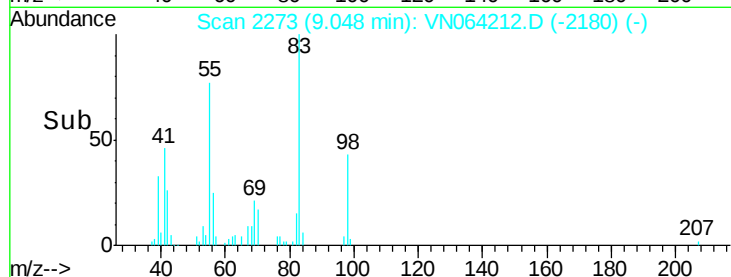
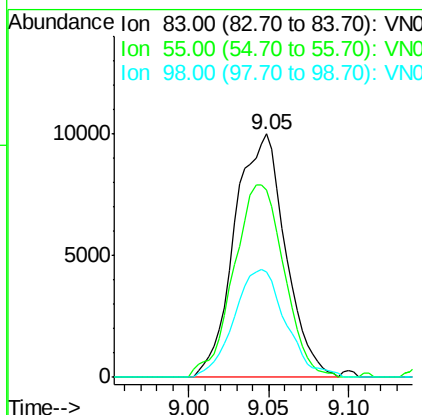
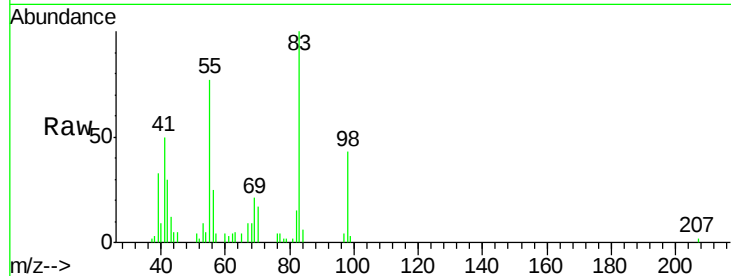
#39  
Methvlcvclohexane  
Concen: 5.724 ug/l  
RT: 9.05 min Scan# 2273  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 76.7  | 62.2  | 93.2  |
| 98      | 43.5  | 35.9  | 53.9  |

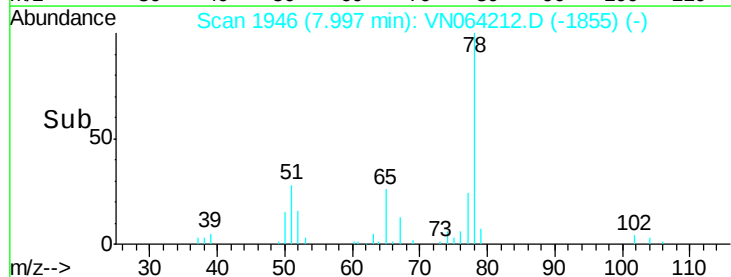
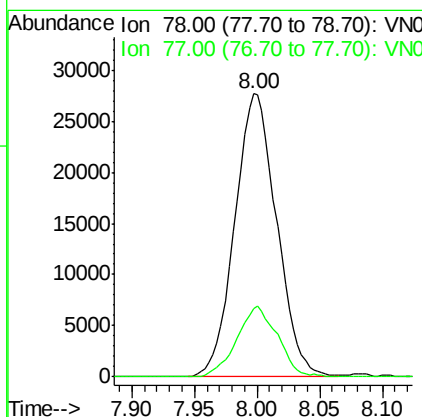
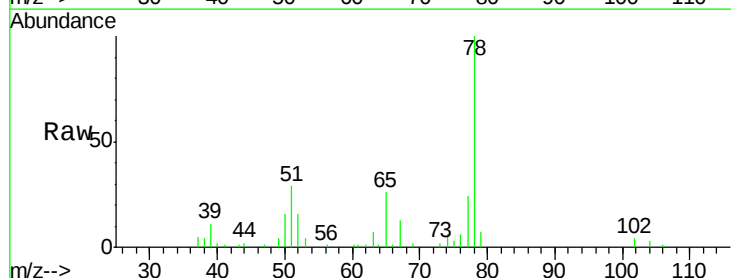
Manual Integrations  
APPROVED

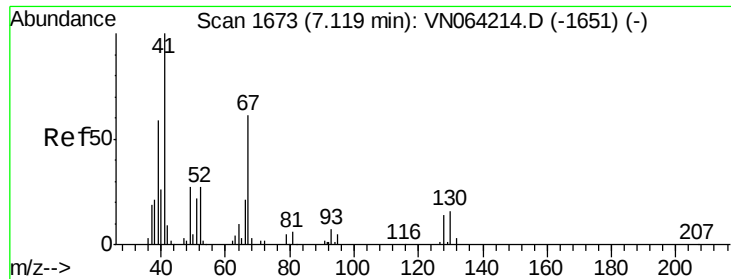
MMDadoda  
10/22/2020 3:25:27 PM



#40  
Benzene  
Concen: 4.840 ug/l  
RT: 8.00 min Scan# 1946  
Delta R.T. -0.01 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.2  | 18.3  | 27.5  |





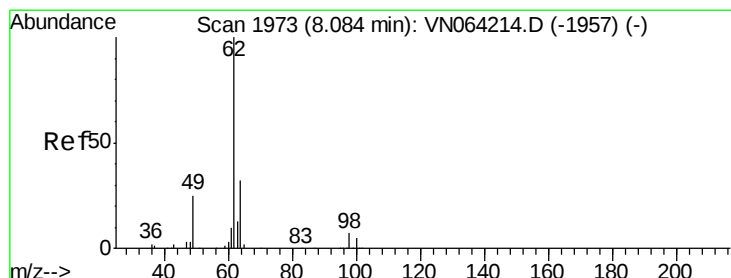
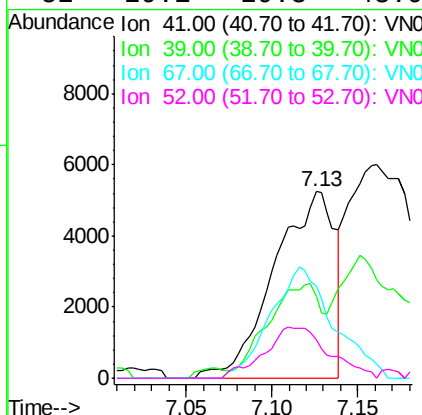
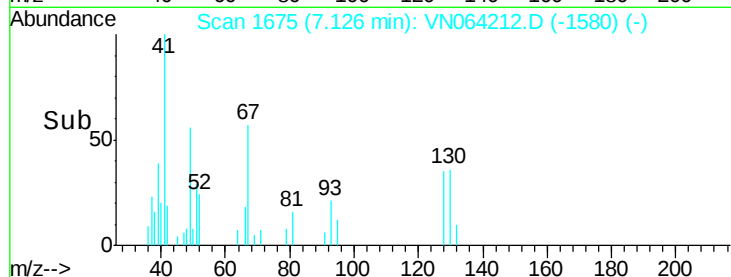
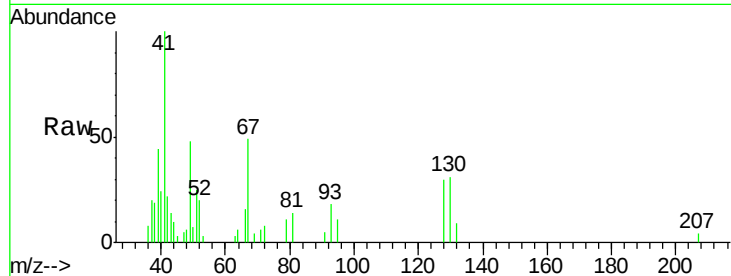
#41  
Methacrylonitrile  
Concen: 7.347 ug/l  
RT: 7.13 min Scan# 1675  
Delta R.T. 0.01 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 45.8 | 50.5  | 75.7# |       |
| 67      | 62.6 | 63.2  | 94.8# |       |
| 52      | 29.1 | 29.3  | 43.9# |       |

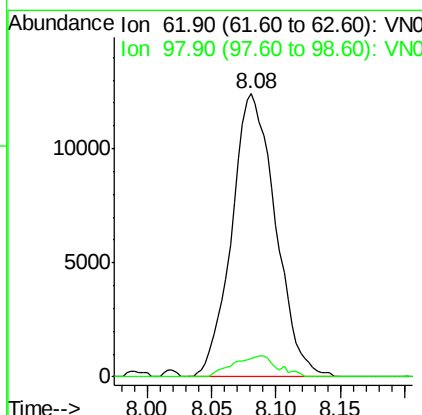
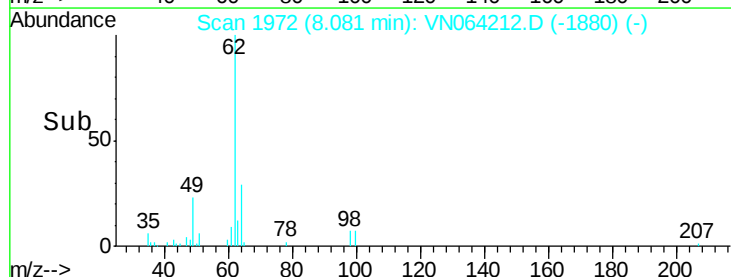
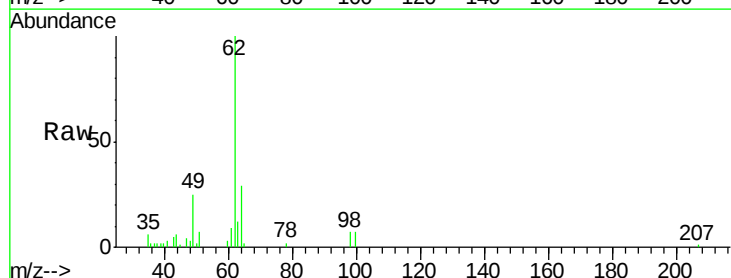
Manual Integrations  
APPROVED

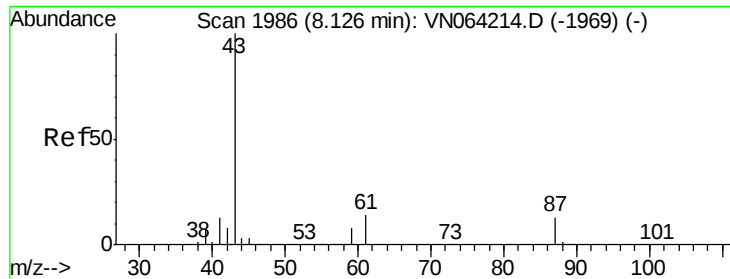
MMDadoda  
10/22/2020 3:25:27 PM



#42  
1,2-Dichloroethane  
Concen: 6.036 ug/l  
RT: 8.08 min Scan# 1972  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 7.5 | 0.0   | 15.0  |       |





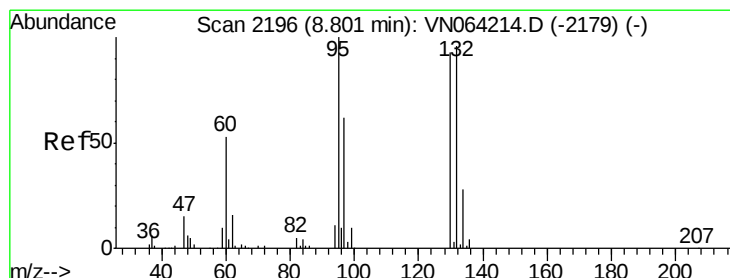
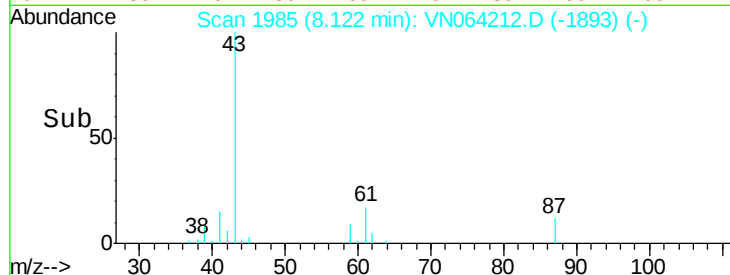
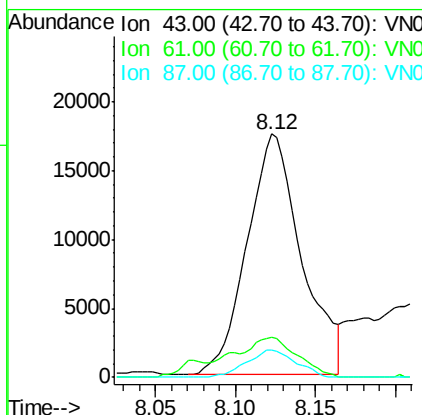
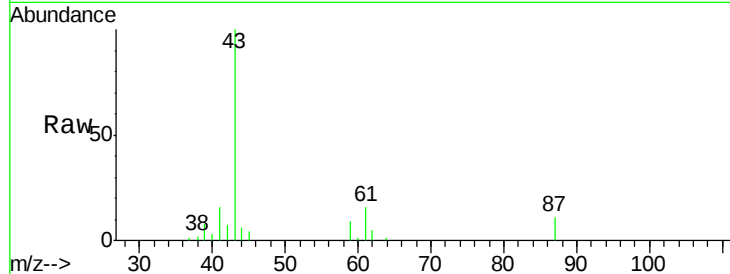
#43  
Isopropyl Acetate  
Concen: 6.107 ug/l  
RT: 8.12 min Scan# 1985  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 18.8  | 19.6  | 29.4# |
| 87      | 10.3  | 9.8   | 14.6  |

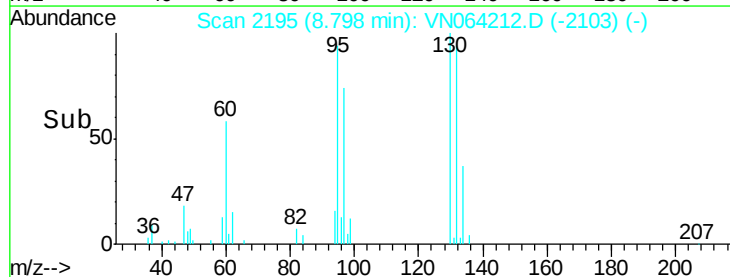
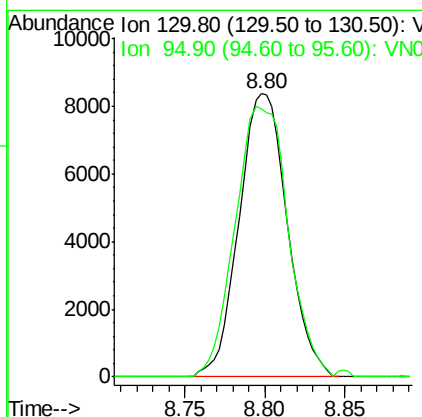
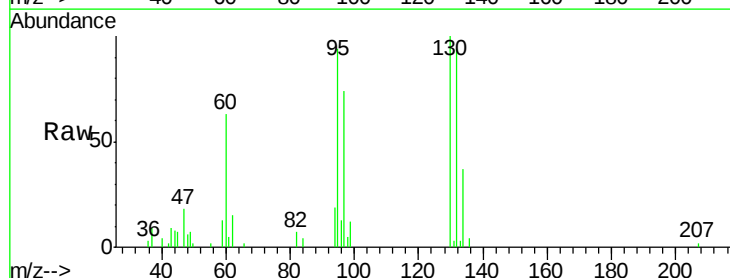
Manual Integrations  
APPROVED

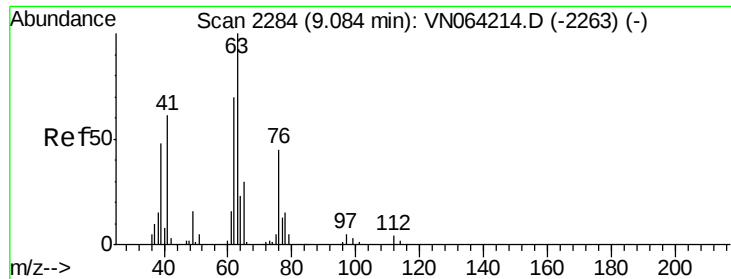
MMDadoda  
10/22/2020 3:25:27 PM



#44  
Trichloroethene  
Concen: 4.923 ug/l  
RT: 8.80 min Scan# 2195  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 94.5  | 0.0   | 214.0 |





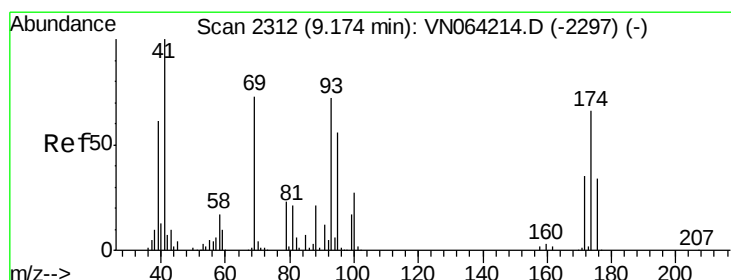
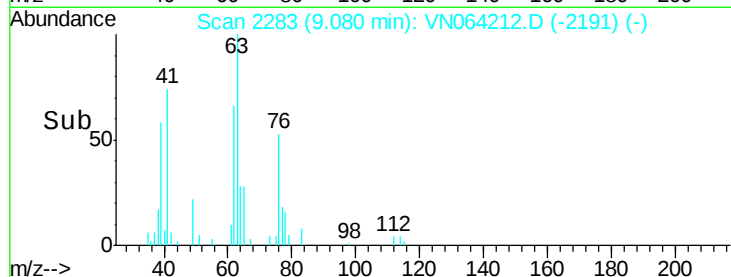
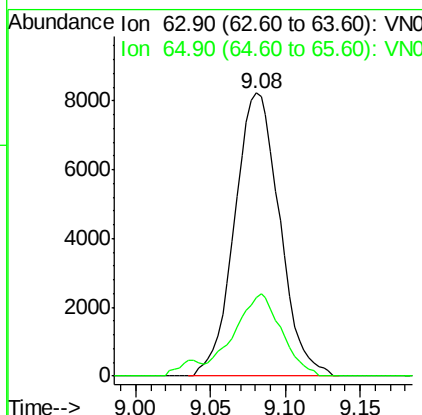
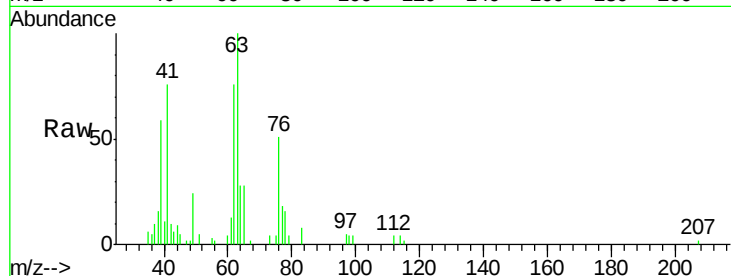
#45  
 1,2-Dichloropropane  
 Concen: 4.914 ug/l  
 RT: 9.08 min Scan# 2283  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tot Ion: 63 Resp: 17252  
 Ion Ratio Lower Upper  
 63 100  
 65 27.6 24.0 36.0

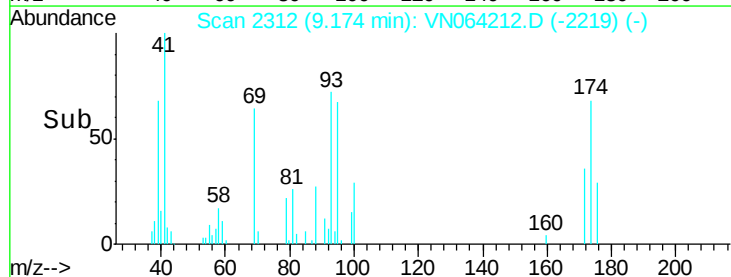
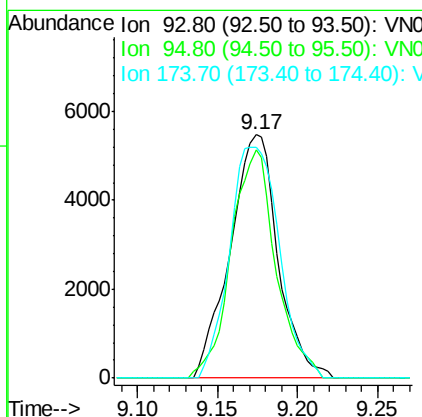
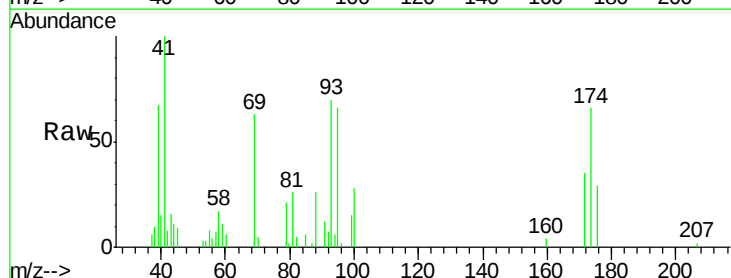
Manual Integrations  
 APPROVED

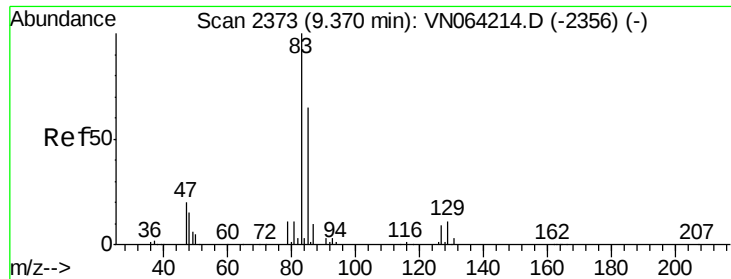
MMDadoda  
 10/22/2020 3:25:27 PM



#46  
 Dibromomethane  
 Concen: 4.521 ug/l  
 RT: 9.17 min Scan# 2312  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

Tgt Ion: 93 Resp: 11227  
 Ion Ratio Lower Upper  
 93 100  
 95 87.2 63.0 94.4  
 174 98.9 72.9 109.3





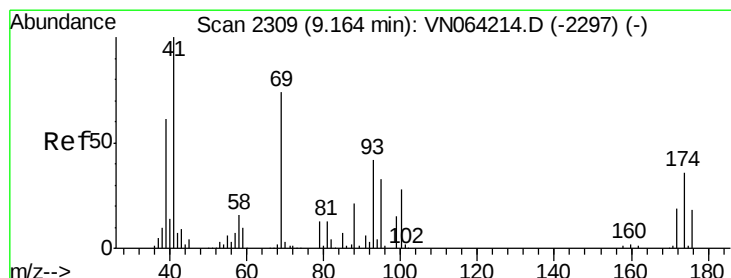
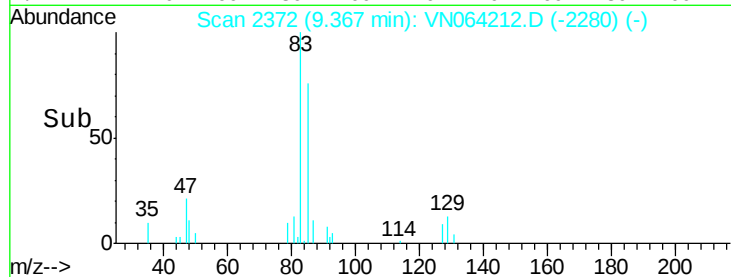
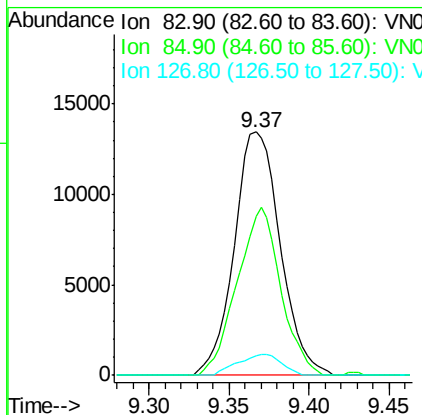
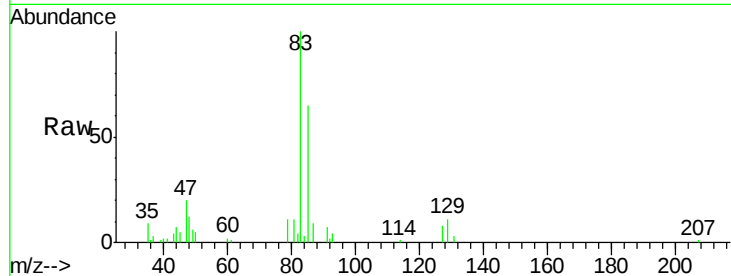
#47  
Bromodichloromethane  
Concen: 5.366 ug/l  
RT: 9.37 min Scan# 2372  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 83      | 100   | 26352 |       |       |
| 85      | 65.1  |       | 51.8  | 77.8  |
| 127     | 7.9   |       | 7.4   | 11.0  |

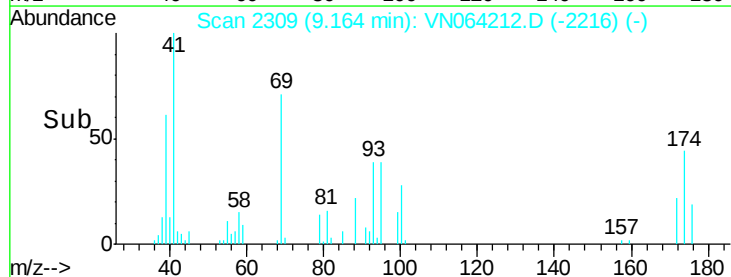
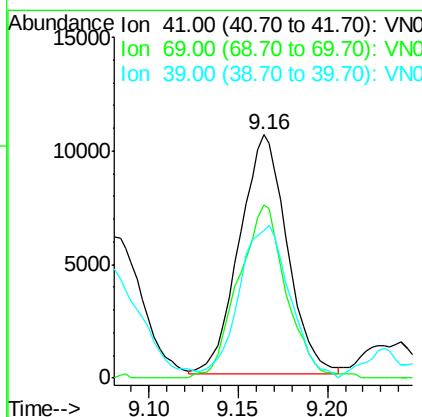
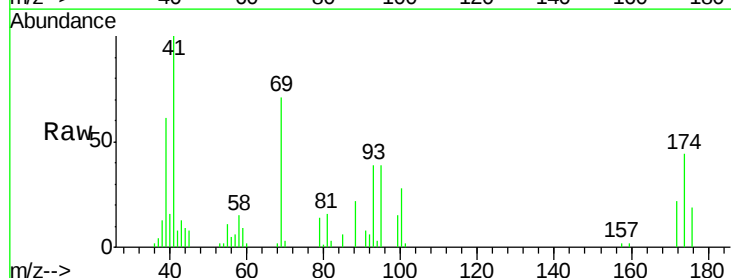
Manual Integrations  
APPROVED

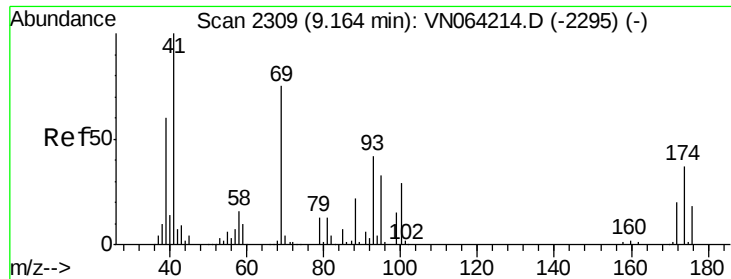
MMDadoda  
10/22/2020 3:25:27 PM



#48  
Methyl methacrylate  
Concen: 6.257 ug/l  
RT: 9.16 min Scan# 2309  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   | 19729 |       |       |
| 69      | 72.8  |       | 57.3  | 85.9  |
| 39      | 67.7  |       | 48.6  | 73.0  |





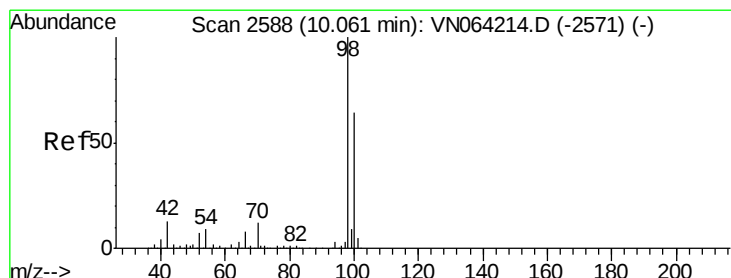
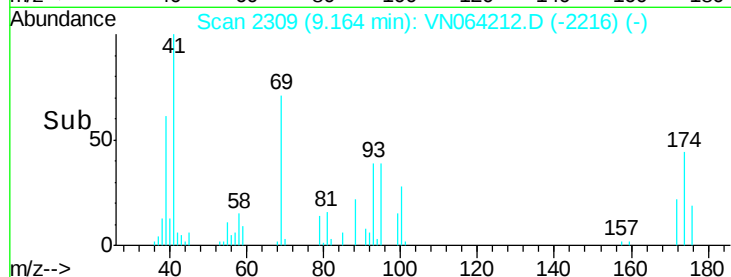
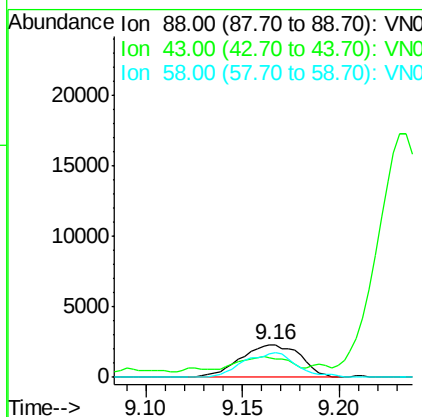
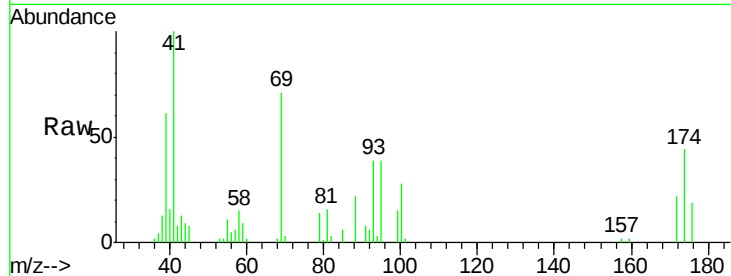
#49  
 1,4-Dioxane  
 Concen: 108.565 ug/l  
 RT: 9.16 min Scan# 2309  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | 88    | Resp  | 5022  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 32.0  | 34.6  | 52.0# |
| 58      | 67.3  | 59.0  | 88.6  |

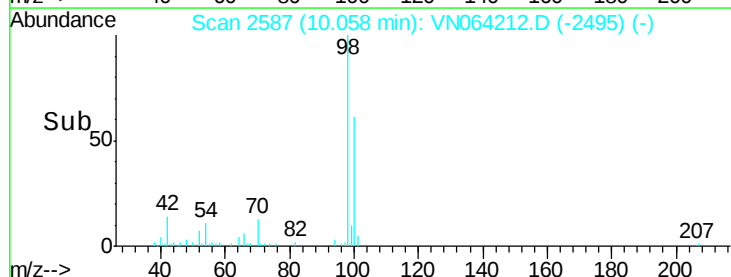
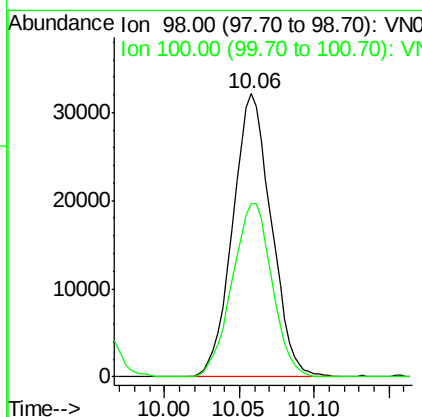
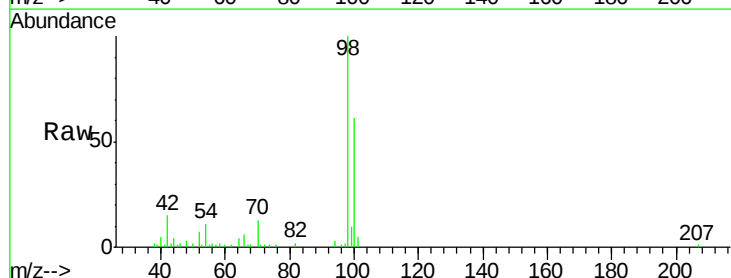
Manual Integrations  
 APPROVED

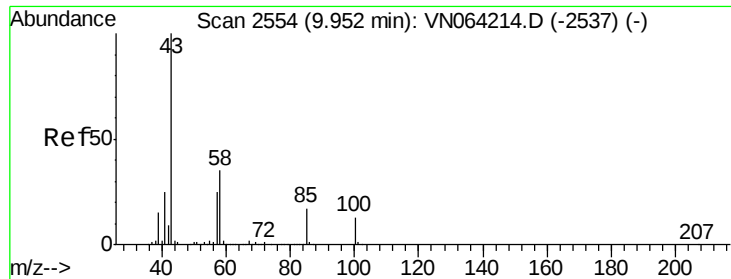
MMDadoda  
 10/22/2020 3:25:27 PM



#50  
 Toluene-d8  
 Concen: 4.834 ug/l  
 RT: 10.06 min Scan# 2587  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

| Tgt Ion | 98    | Resp  | 57596 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 98      | 100   |       |       |
| 100     | 63.3  | 50.8  | 76.2  |





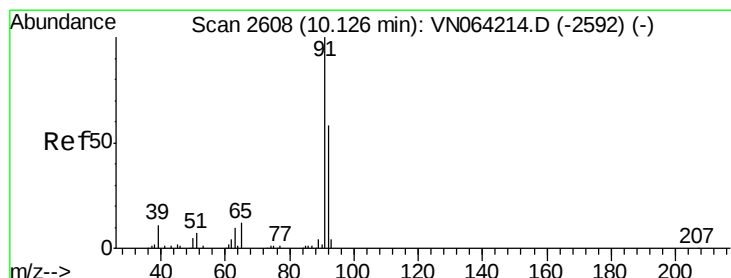
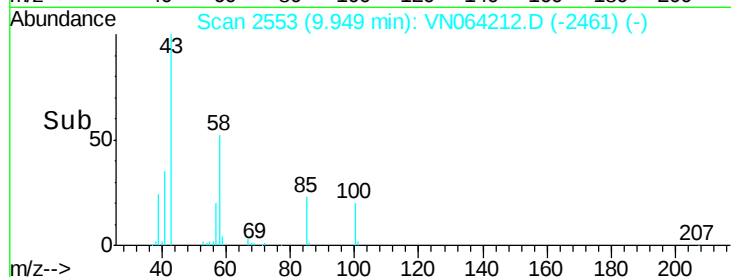
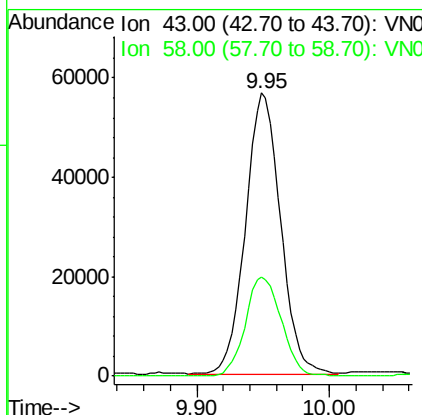
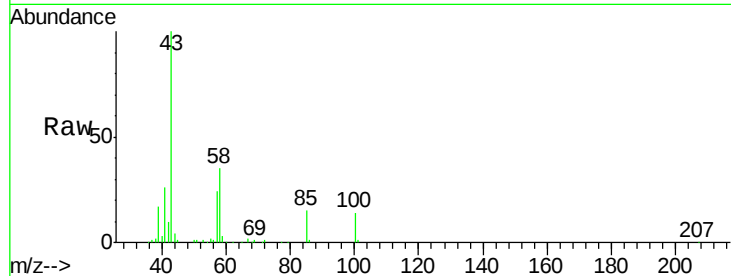
#51  
 4-Methyl-2-Pentanone  
 Concen: 26.502 ug/l  
 RT: 9.95 min Scan# 2553  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

| Tot Ion   | 43 | Resp | 103551      |
|-----------|----|------|-------------|
| Ion Ratio | 43 | 100  | Lower Upper |
|           | 58 | 36.2 | 28.6 42.8   |

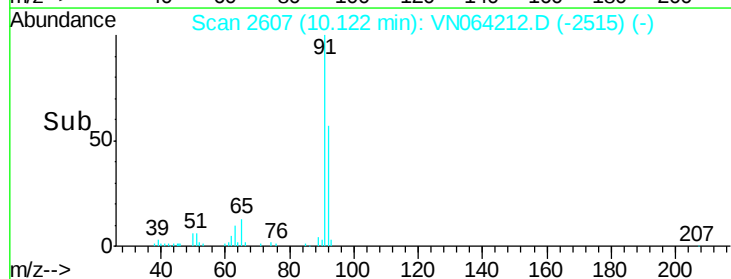
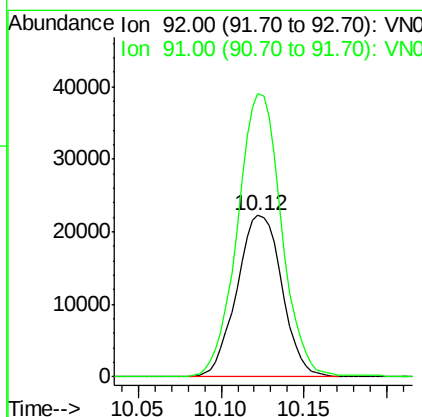
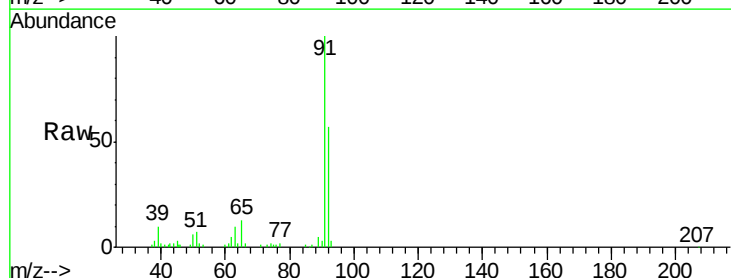
Manual Integrations  
 APPROVED

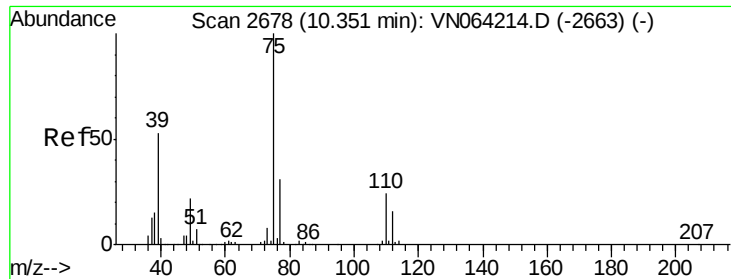
MMDadoda  
 10/22/2020 3:25:27 PM



#52  
 Toluene  
 Concen: 5.142 ug/l  
 RT: 10.12 min Scan# 2607  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

| Tgt Ion   | 92 | Resp  | 42040       |
|-----------|----|-------|-------------|
| Ion Ratio | 92 | 100   | Lower Upper |
|           | 91 | 171.0 | 137.4 206.2 |





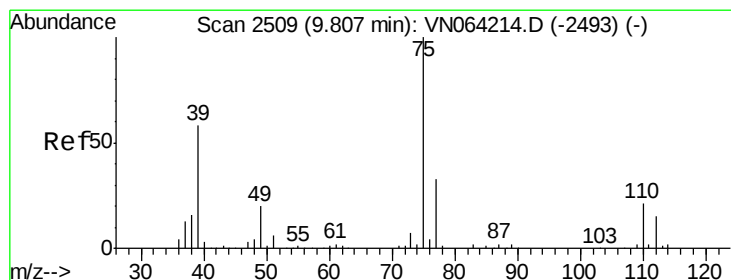
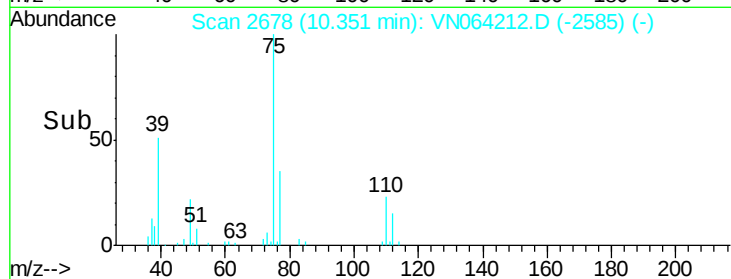
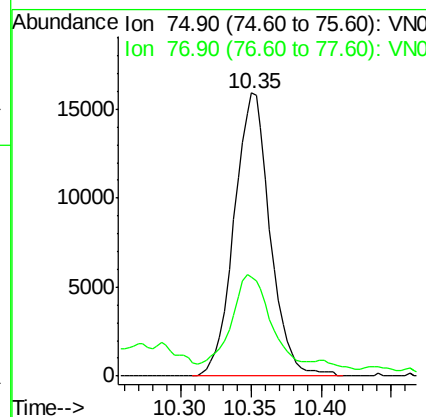
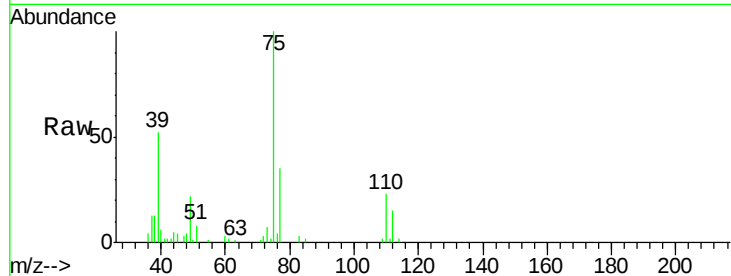
#53  
t-1,3-Dichloropropene  
Concen: 5.556 ug/l  
RT: 10.35 min Scan# 2678  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion: 75 Resp: 28334  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.4 38.2

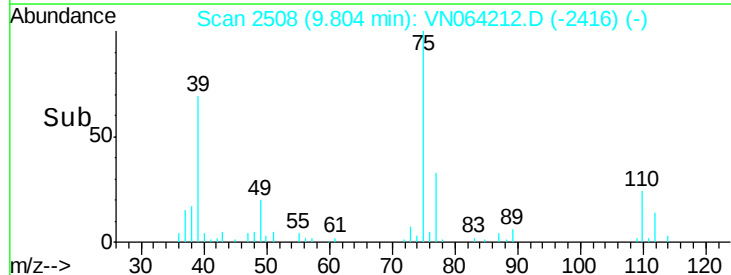
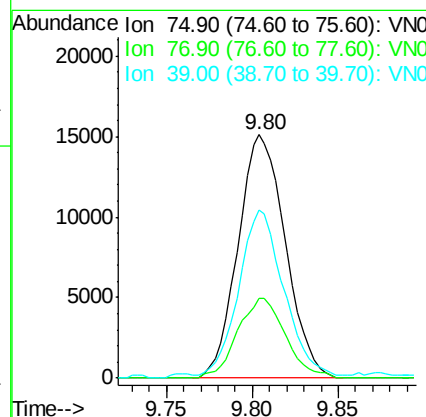
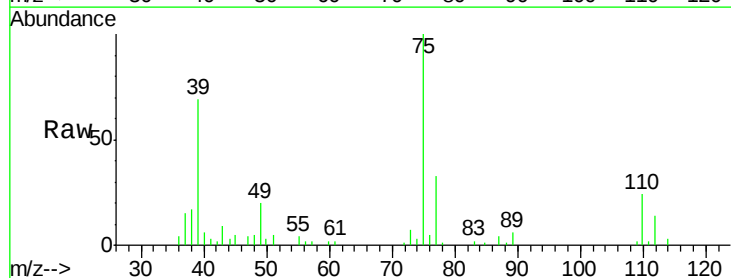
Manual Integrations  
APPROVED

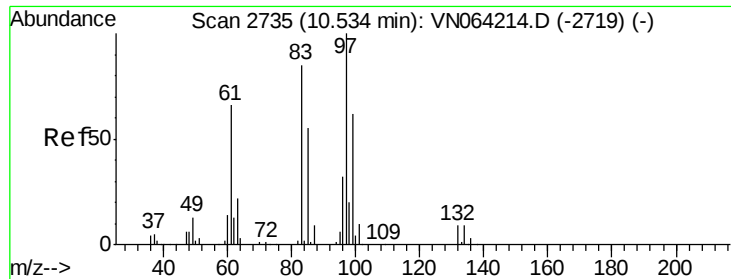
MMDadoda  
10/22/2020 3:25:27 PM



#54  
cis-1,3-Dichloropropene  
Concen: 5.176 ug/l  
RT: 9.80 min Scan# 2508  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Tgt Ion: 75 Resp: 28779  
Ion Ratio Lower Upper  
75 100  
77 32.6 26.6 39.8  
39 67.8 46.7 70.1





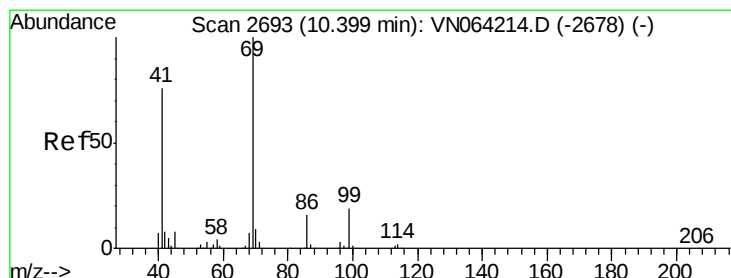
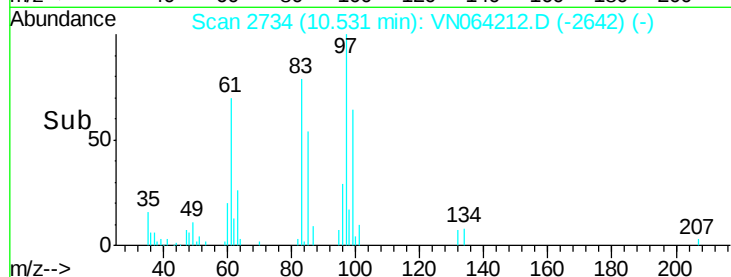
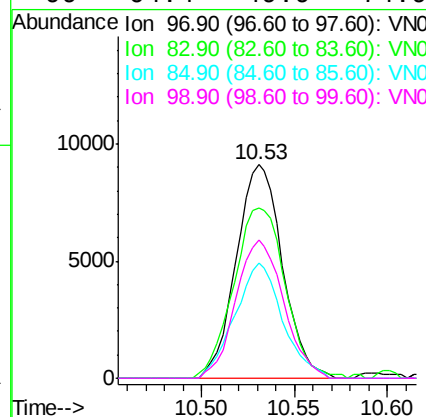
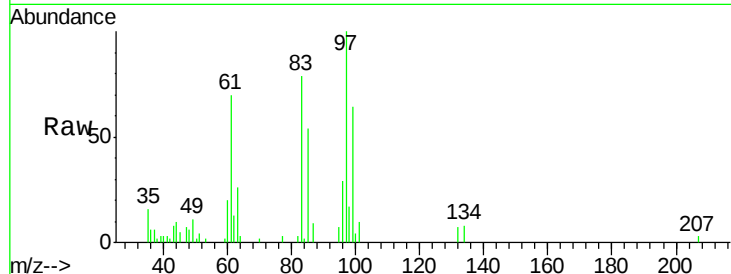
#55  
 1,1,2-Trichloroethane  
 Concen: 4.671 ug/l  
 RT: 10.53 min Scan# 2734  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 15749 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 79.4  | 67.8  | 101.6 |
| 85       | 53.9  | 43.6  | 65.4  |
| 99       | 64.4  | 49.9  | 74.9  |

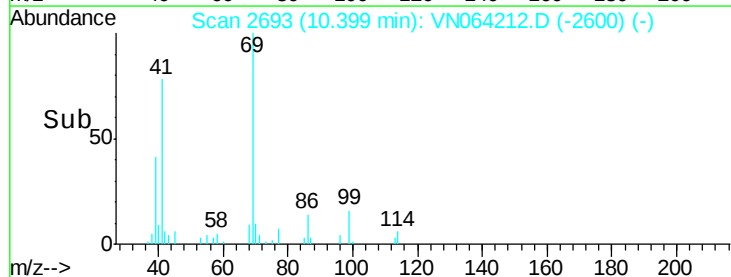
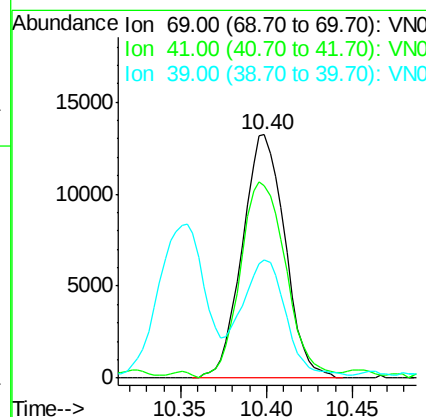
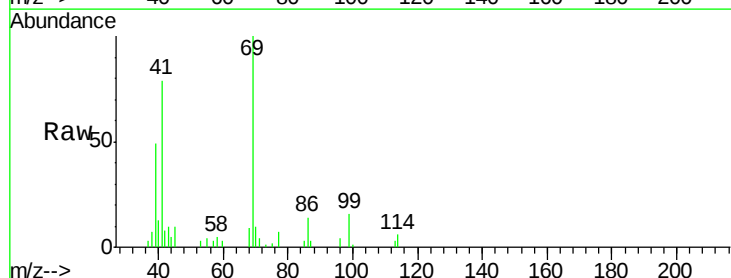
Manual Integrations  
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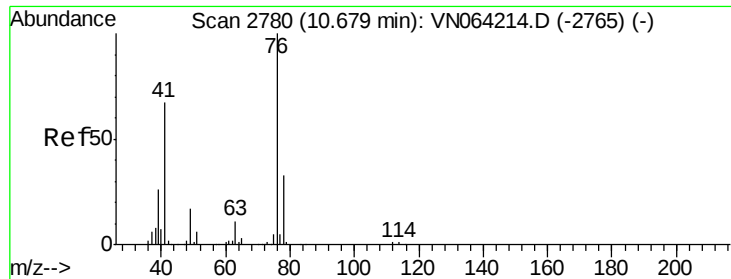
MMDadoda  
 10/22/2020 3:25:27 PM



#56  
 Ethyl methacrylate  
 Concen: 5.188 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 22715 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 86.7  | 61.4  | 92.2  |
| 39       | 47.6  | 36.0  | 54.0  |





#57

1,3-Dichloropropane

Concen: 4.957 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 27737

Ion Ratio Lower Upper

76 100

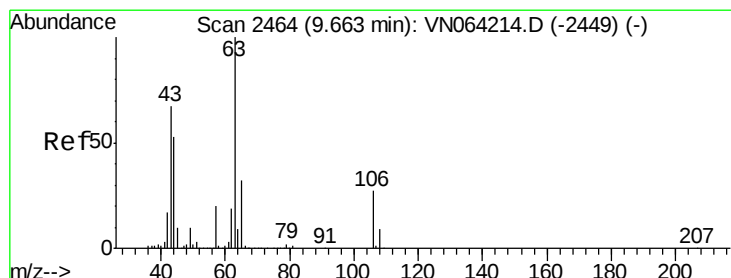
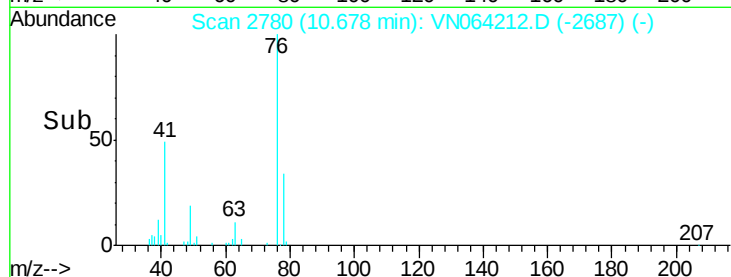
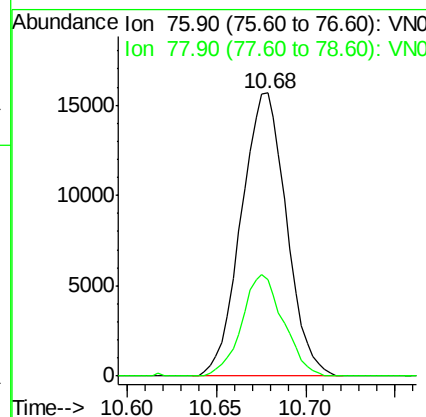
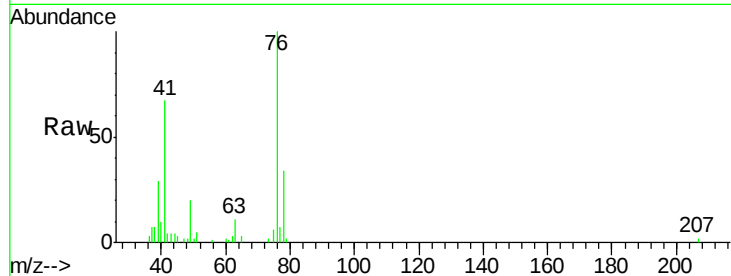
78 33.0 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 29.344 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064212.D

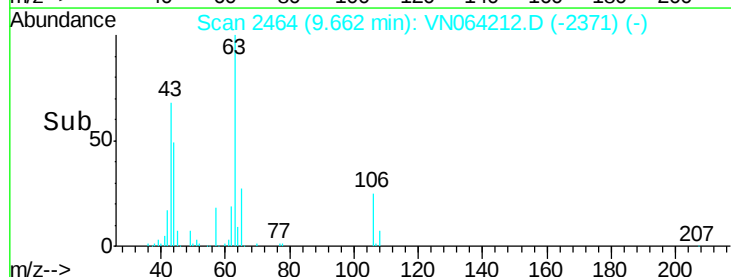
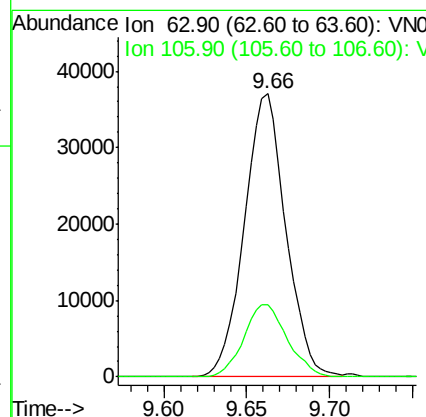
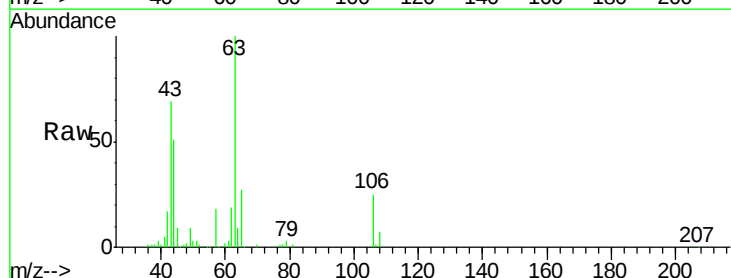
Acq: 21 Oct 2020 10:58

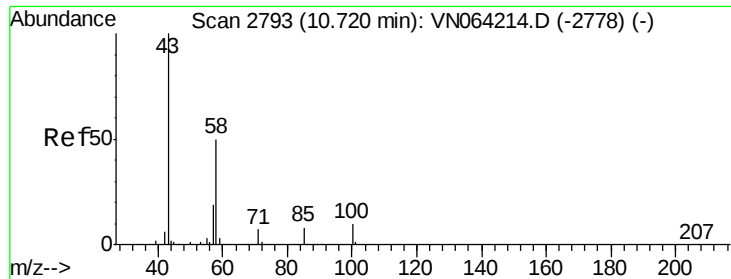
Tgt Ion: 63 Resp: 64385

Ion Ratio Lower Upper

63 100

106 26.7 21.3 31.9





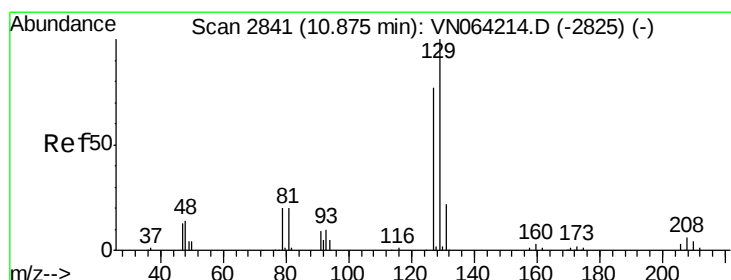
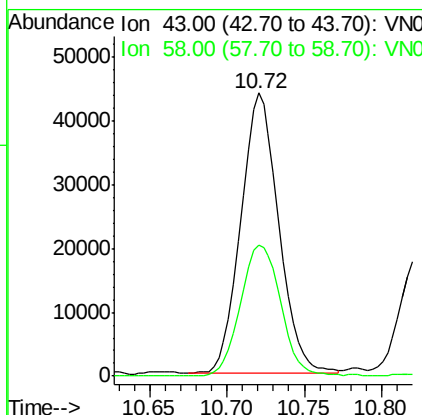
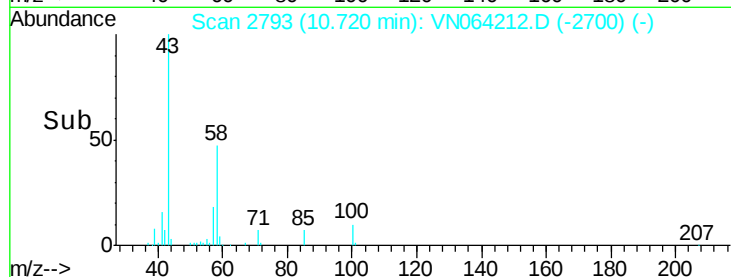
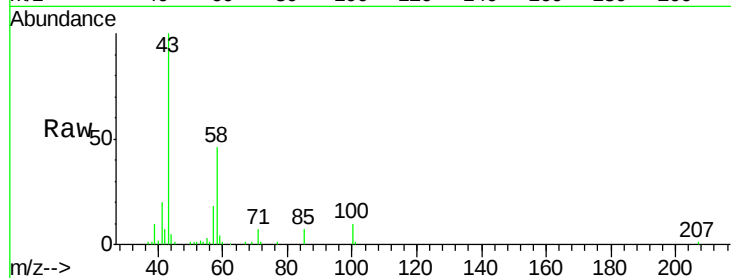
#59  
2-Hexanone  
Concen: 27.088 ug/l  
RT: 10.72 min Scan# 2793  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion: 43 Resp: 74546  
Ion Ratio Lower Upper  
43 100  
58 49.8 24.8 74.3

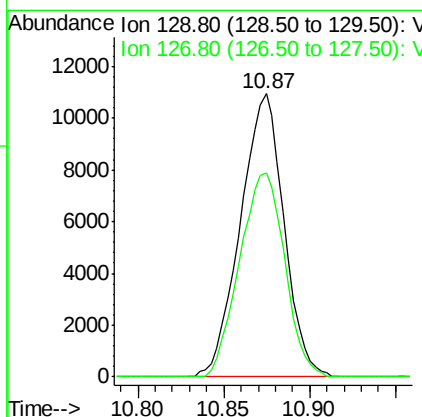
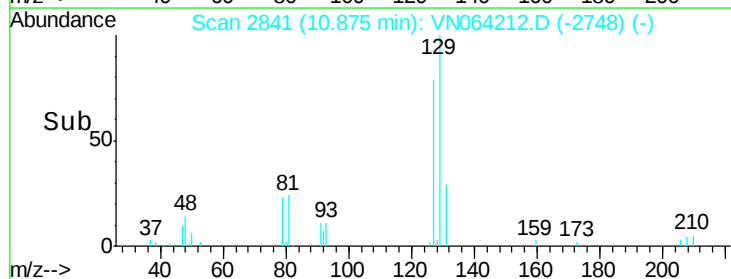
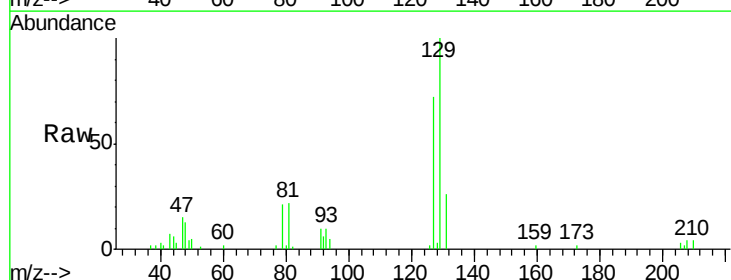
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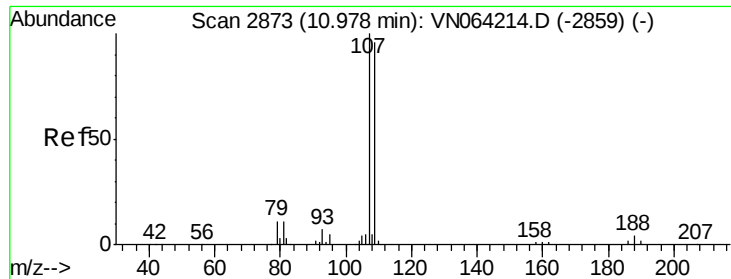
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#60  
Dibromochloromethane  
Concen: 5.009 ug/l  
RT: 10.87 min Scan# 2841  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Tgt Ion: 129 Resp: 19231  
Ion Ratio Lower Upper  
129 100  
127 74.7 38.8 116.3





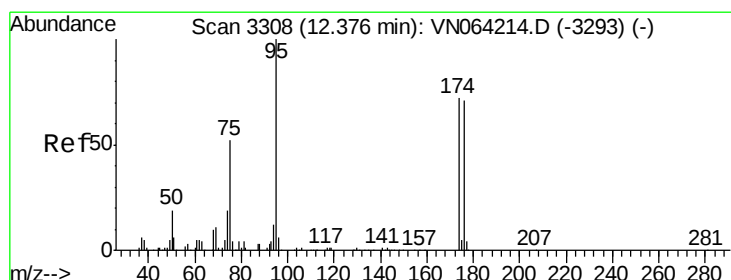
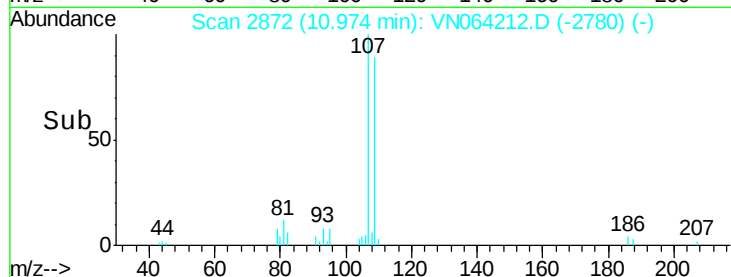
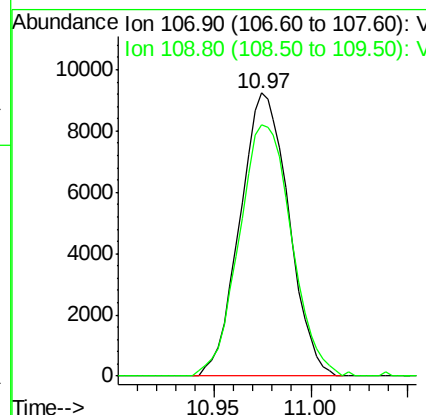
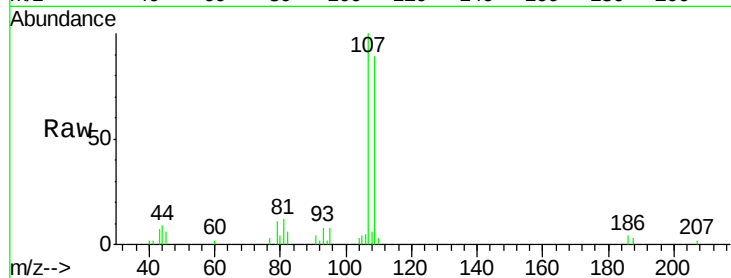
#61  
 1,2-Dibromoethane  
 Concen: 4.710 ug/l  
 RT: 10.97 min Scan# 2872  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 95.8  | 76.2  | 114.4 |

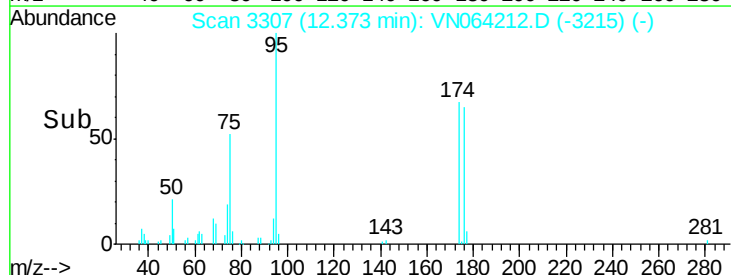
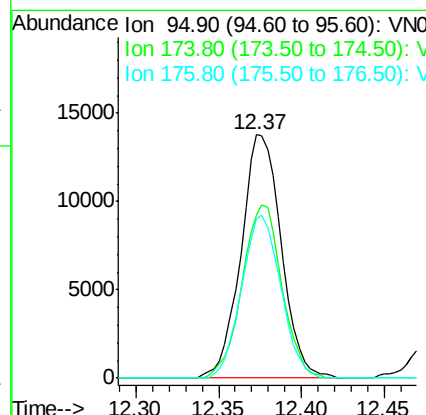
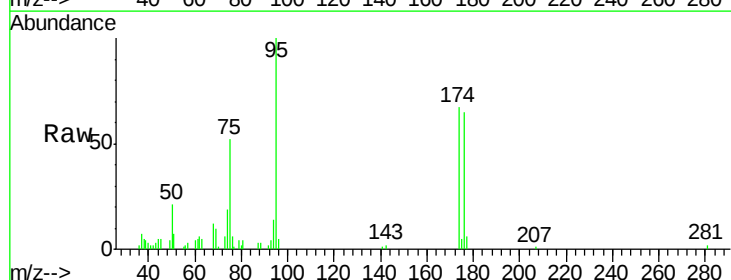
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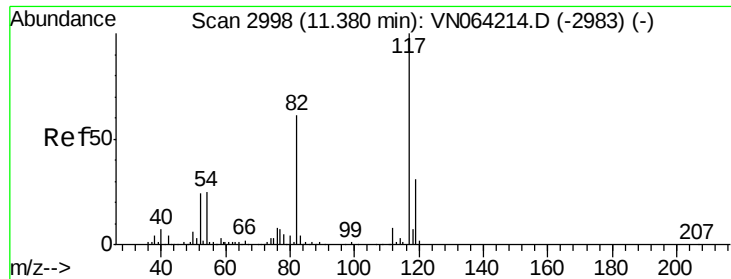
MMDadoda  
 10/22/2020 3:25:27 PM



#62  
 4-Bromofluorobenzene  
 Concen: 5.504 ug/l  
 RT: 12.37 min Scan# 3307  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 70.3  | 0.0   | 144.4 |
| 176     | 65.3  | 0.0   | 139.2 |





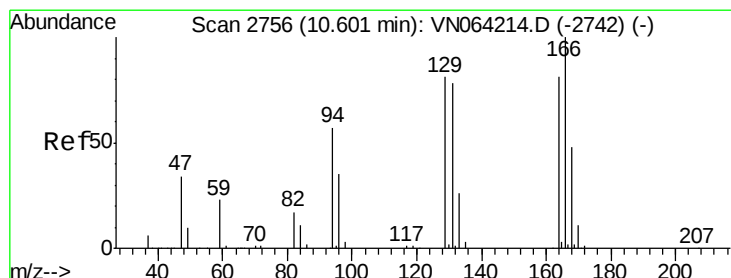
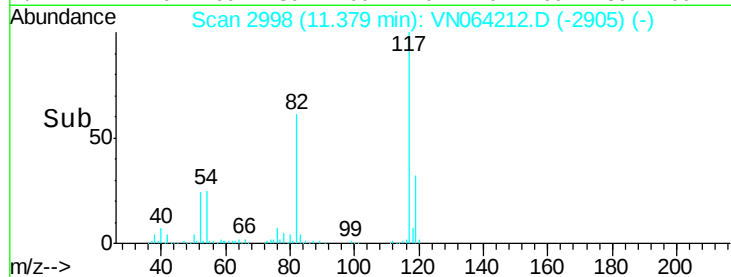
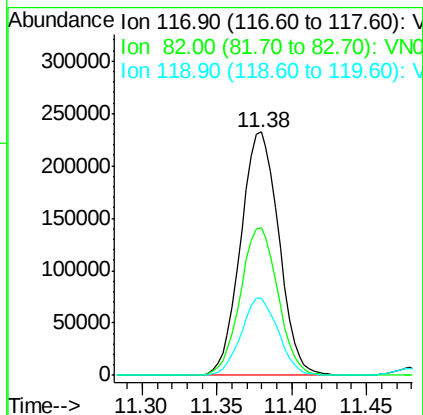
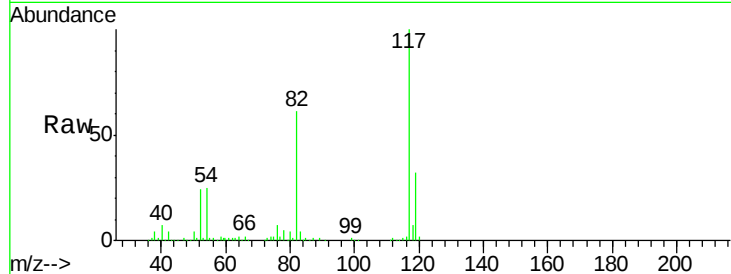
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 60.8  | 48.8  | 73.2  |
| 119     | 31.6  | 24.7  | 37.1  |

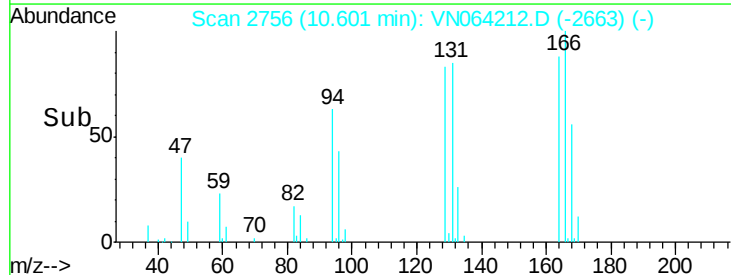
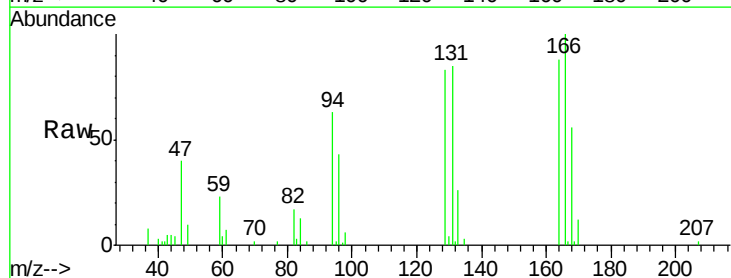
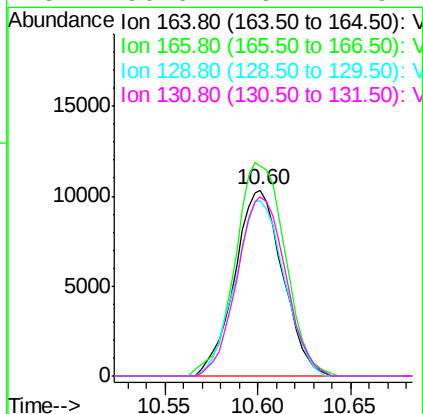
Manual Integrations  
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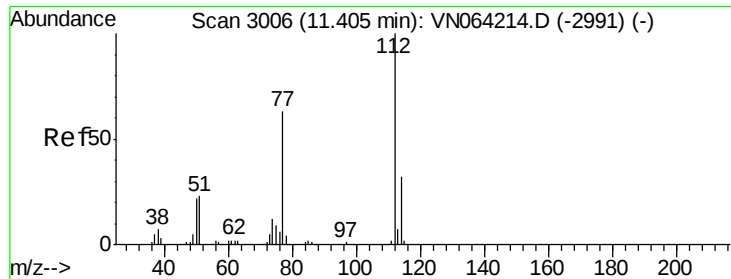
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 5.868 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 113.3 | 98.9  | 148.3 |
| 129     | 94.6  | 79.9  | 119.9 |
| 131     | 96.6  | 76.7  | 115.1 |





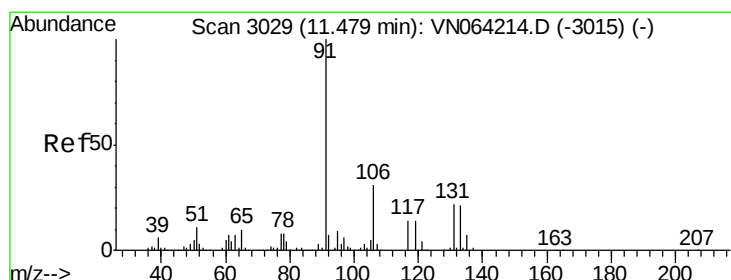
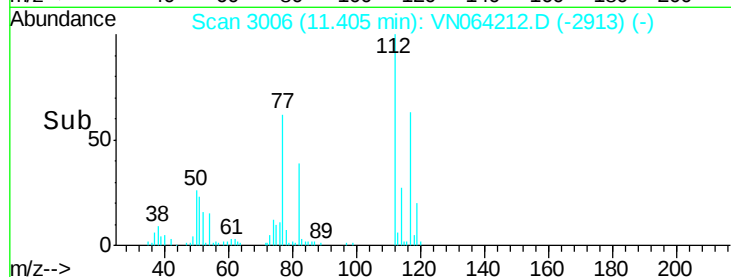
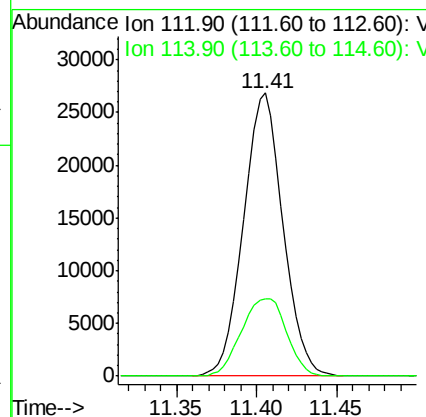
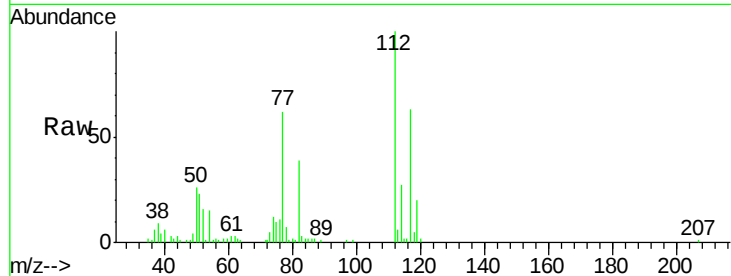
#65  
Chlorobenzene  
Concen: 5.150 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion:112 Resp: 44969  
Ion Ratio Lower Upper  
112 100  
114 27.4 25.7 38.5

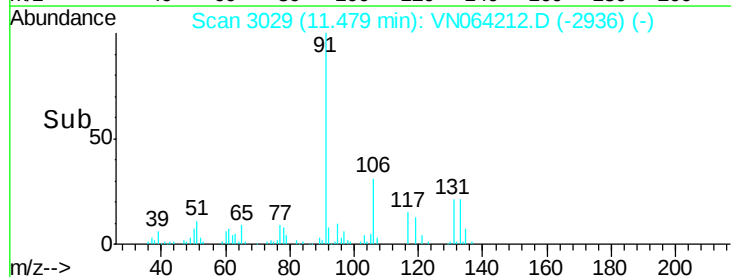
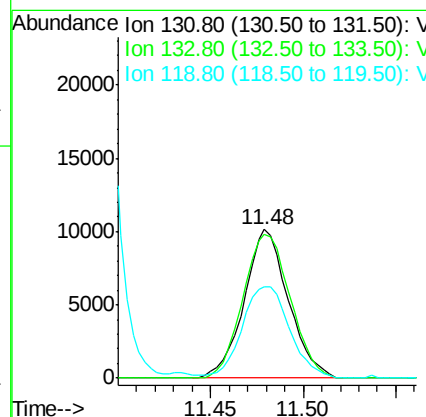
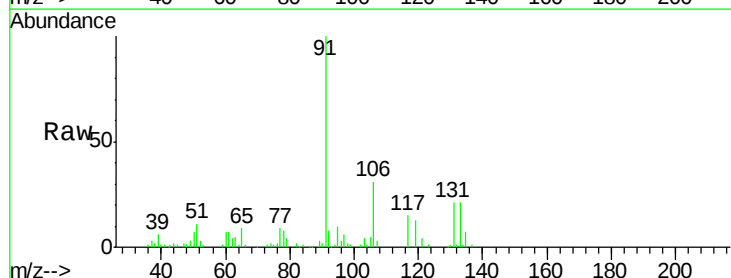
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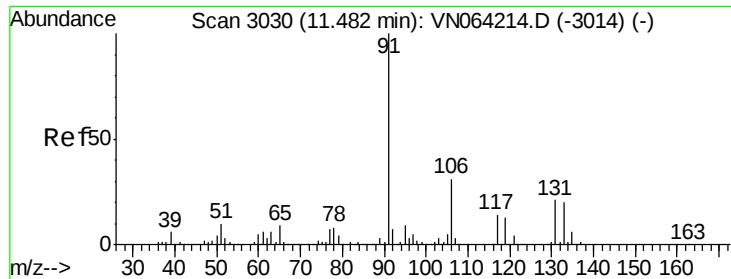
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 5.030 ug/l  
RT: 11.48 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Tgt Ion:131 Resp: 16794  
Ion Ratio Lower Upper  
131 100  
133 103.6 47.8 143.4  
119 66.5 32.2 96.6





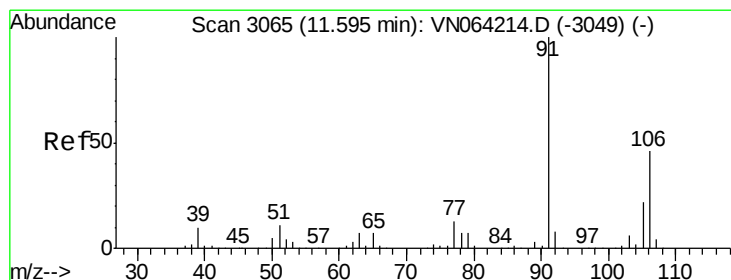
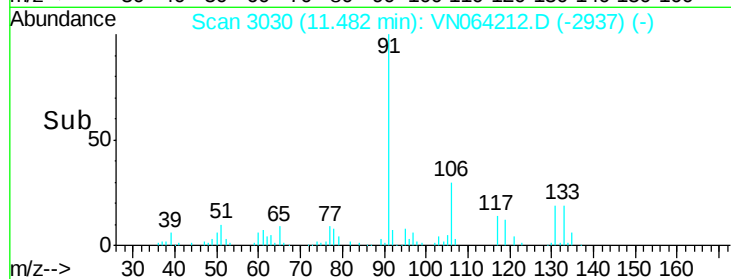
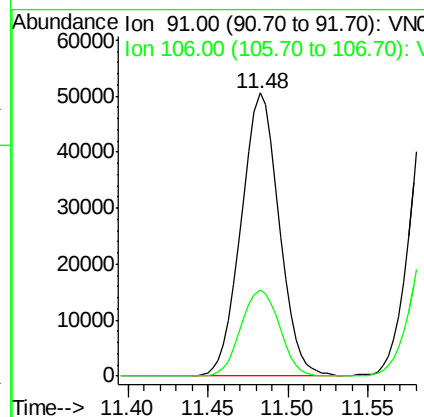
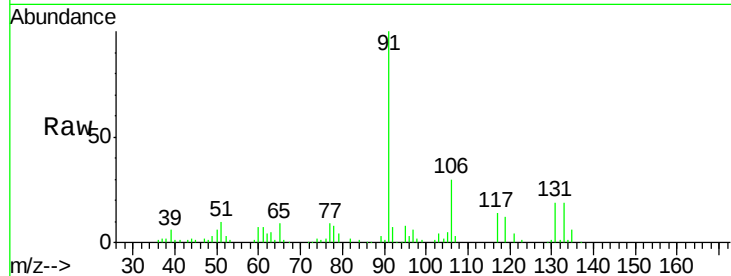
#67  
Ethyl Benzene  
Concen: 5.532 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tot Ion: 91 Resp: 81802  
Ion Ratio Lower Upper  
91 100  
106 30.3 24.8 37.2

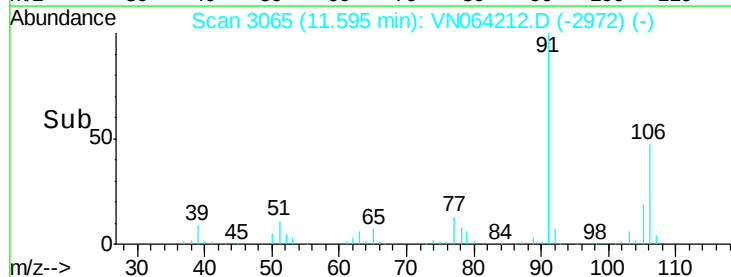
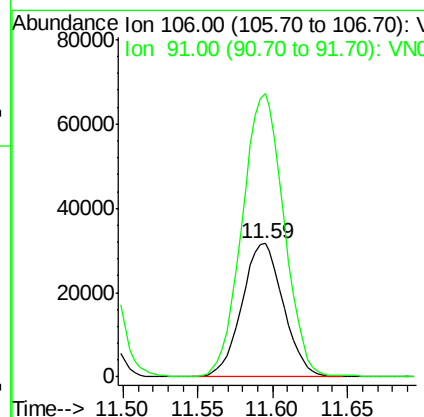
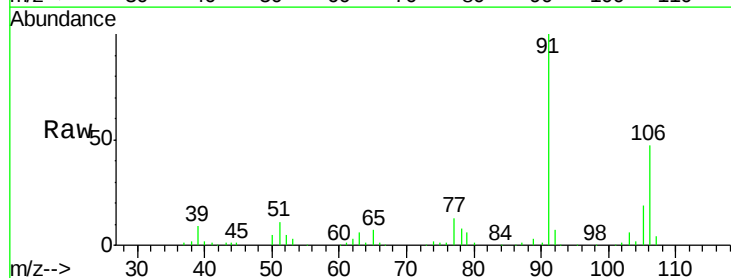
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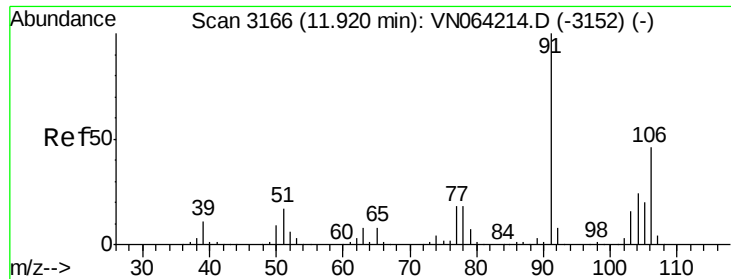
MMDadoda  
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#68  
m/p-Xylenes  
Concen: 11.133 ug/l  
RT: 11.59 min Scan# 3065  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Tgt Ion: 106 Resp: 60858  
Ion Ratio Lower Upper  
106 100  
91 214.4 172.2 258.2





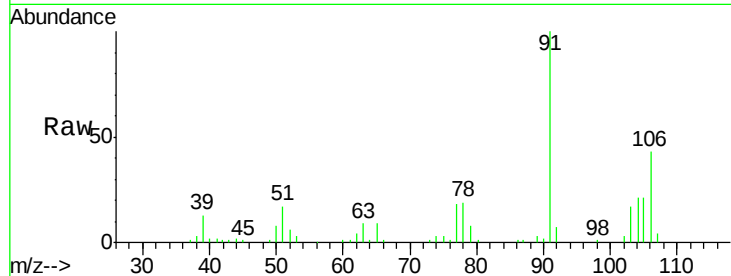
#69  
o-Xylene  
Concen: 5.270 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

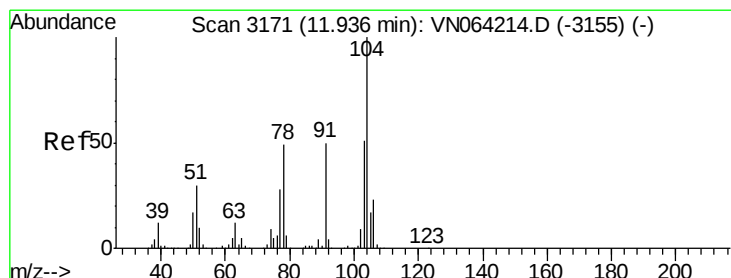
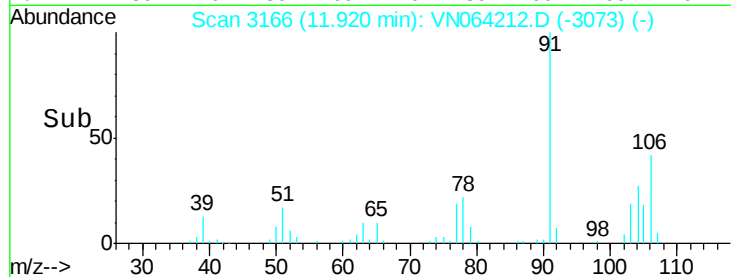
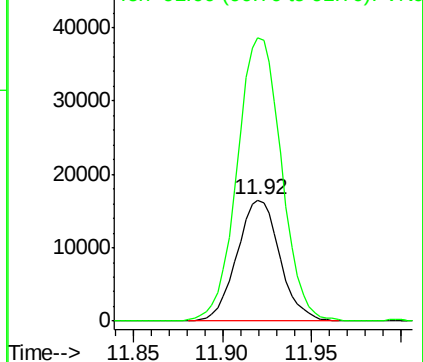
Tot Ion:106 Resp: 27752  
Ion Ratio Lower Upper  
106 100  
91 240.8 109.9 329.6

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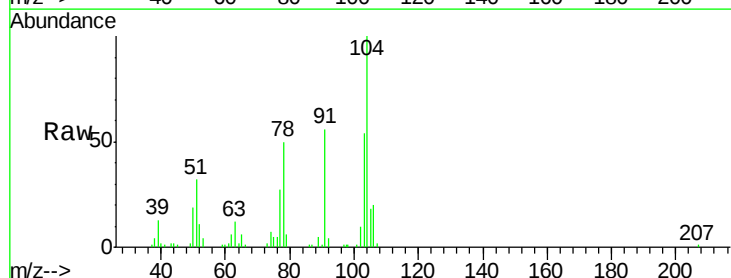


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

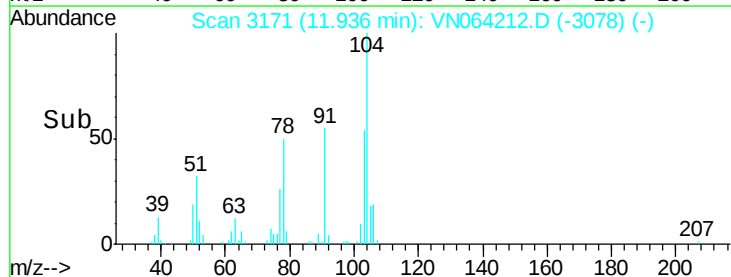
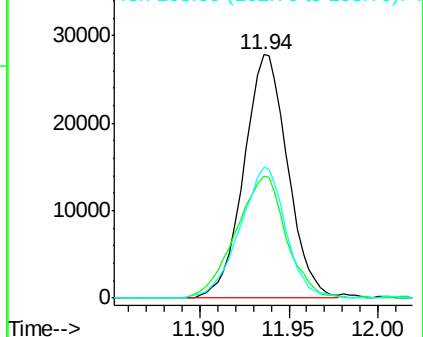


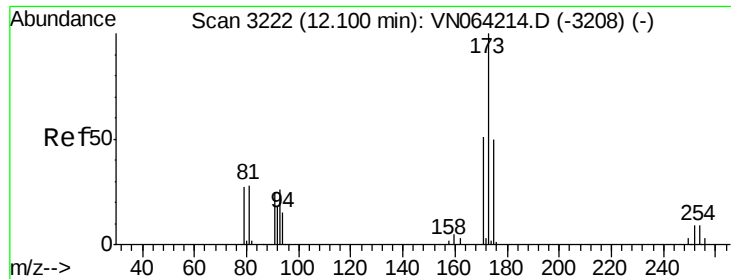
#70  
Styrene  
Concen: 5.458 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Tgt Ion:104 Resp: 47882  
Ion Ratio Lower Upper  
104 100  
78 57.3 43.8 65.6  
103 56.1 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VN  
Ion 103.00 (102.70 to 103.70): V





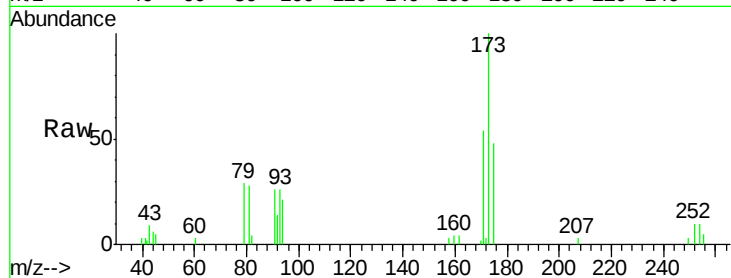
#71  
Bromoform  
Concen: 4.955 ug/l  
RT: 12.10 min Scan# 3222  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

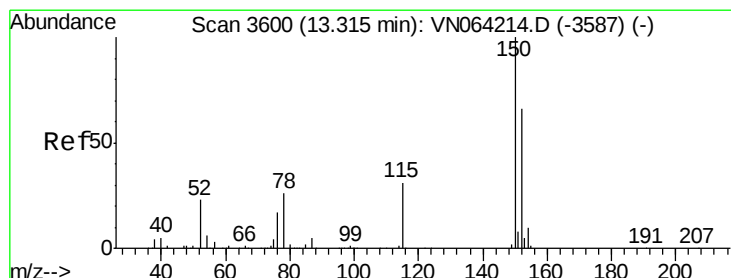
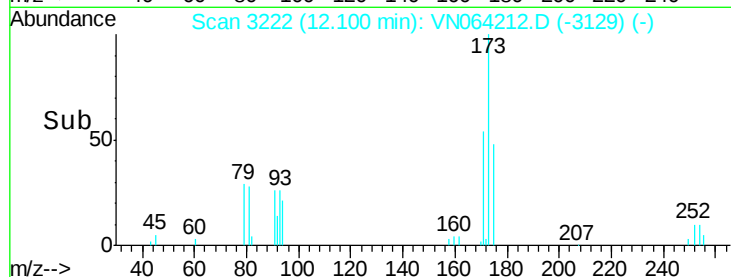
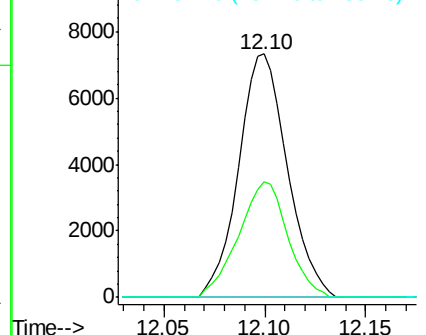
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.9  | 25.1  | 75.3  |
| 254     | 0.0   | 0.0   | 0.0   |

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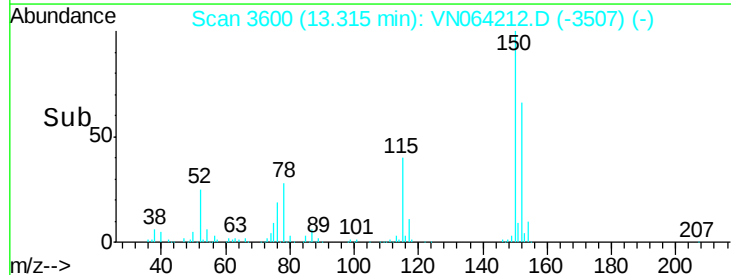
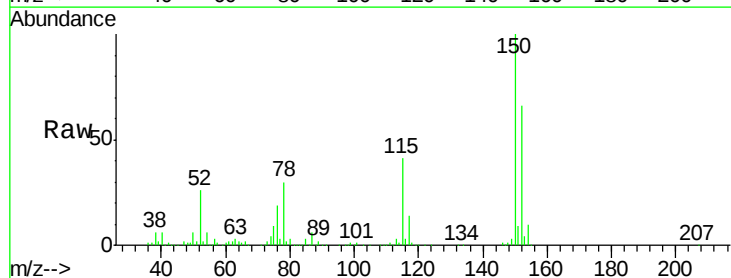
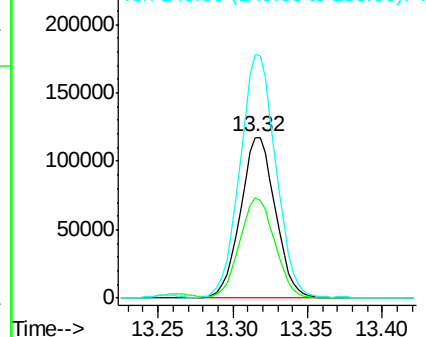
Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

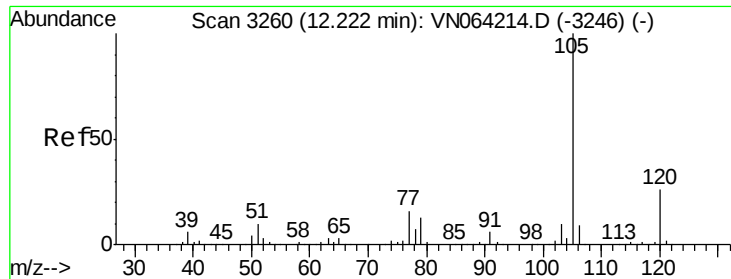


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3600  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 61.8  | 32.0  | 96.2  |
| 150     | 153.8 | 0.0   | 356.6 |

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: 5.538 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 77862

Ion Ratio Lower Upper

105 100

120 24.6

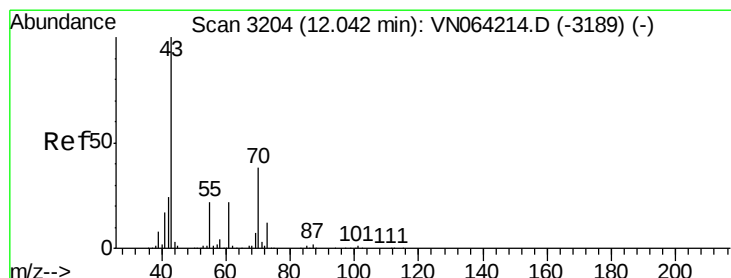
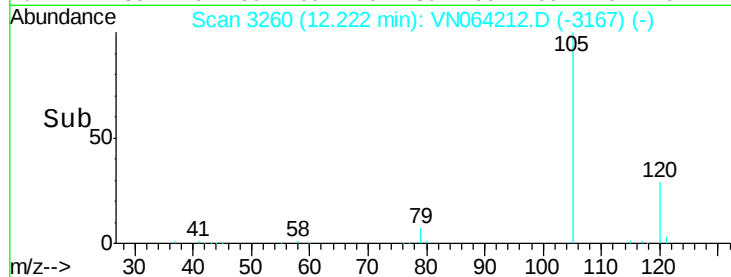
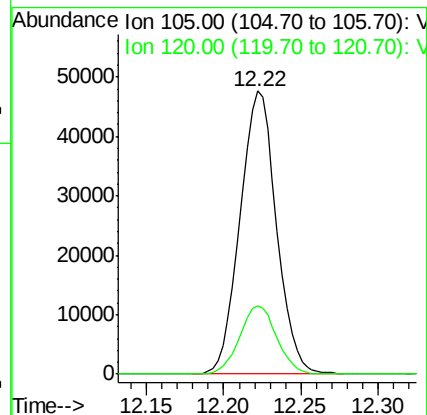
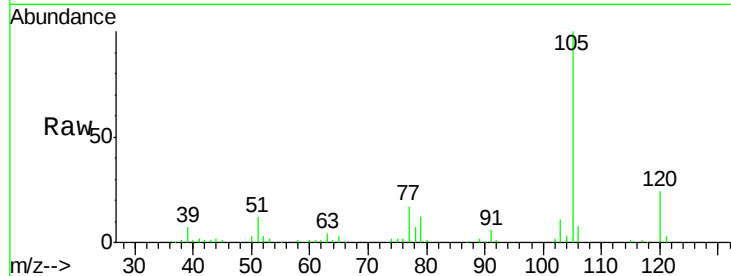
12.9 38.7

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#74

N-ethyl acetate

Concen: 6.028 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

Tgt Ion: 43 Resp: 32729

Ion Ratio Lower Upper

43 100

70 38.9

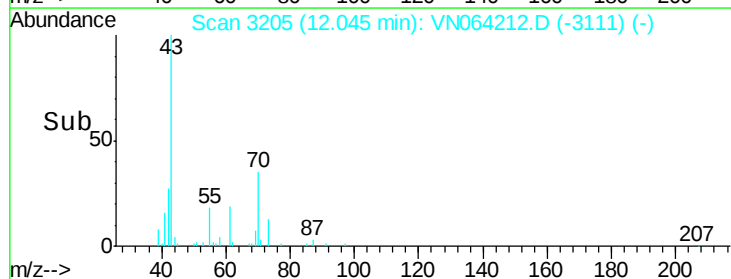
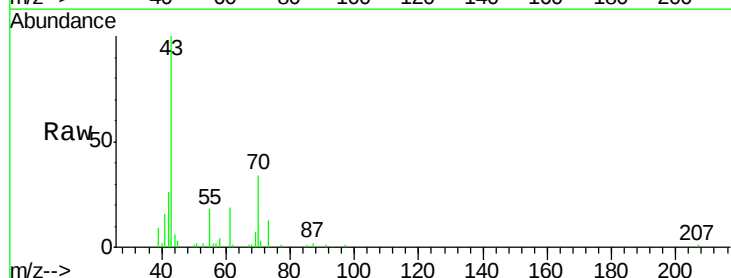
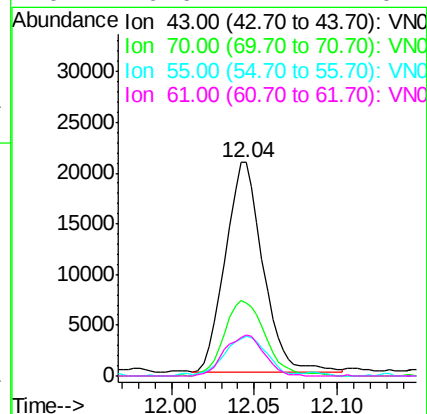
55 20.7

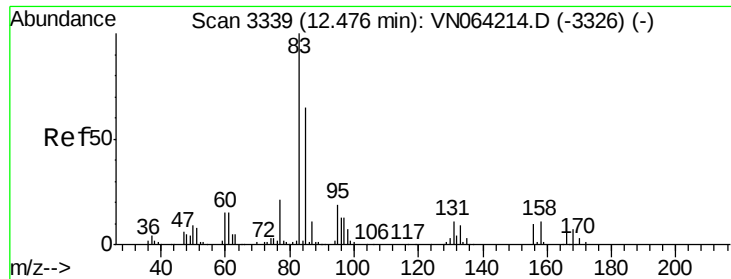
61 20.6

30.2 45.4

18.0 27.0

17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 4.079 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

Instrument :

MSVOA\_N

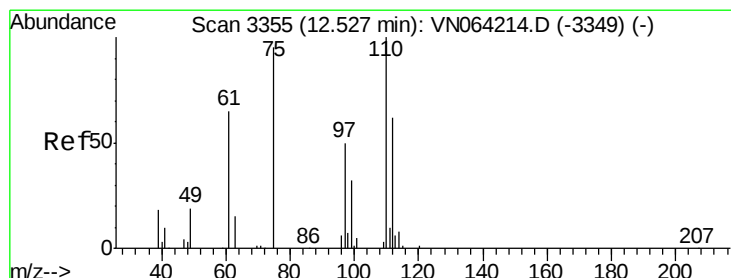
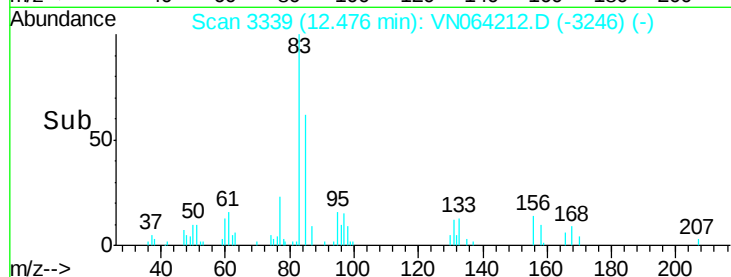
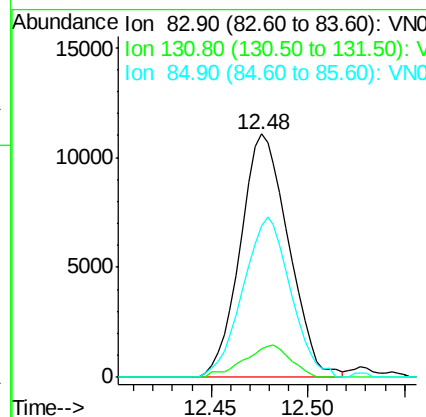
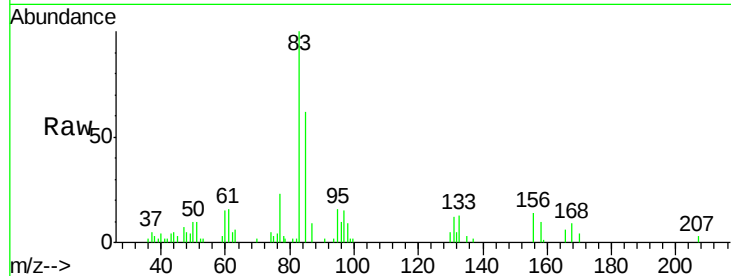
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 19181 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 12.8  | 5.5   | 16.7  |
| 85        | 65.0  | 32.4  | 97.0  |

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#76

1,2,3-Trichloropropane

Concen: 5.045 ug/l m

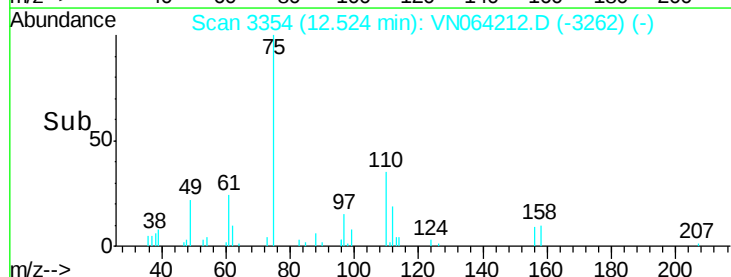
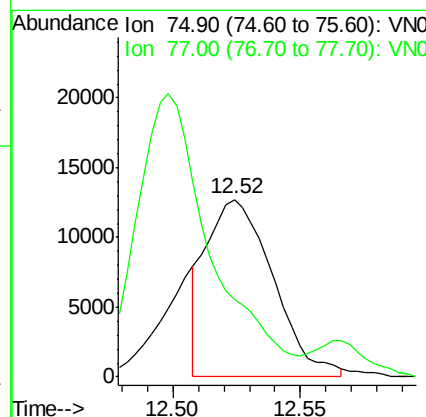
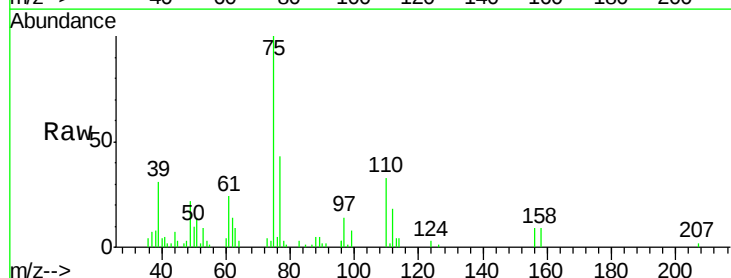
RT: 12.52 min Scan# 3354

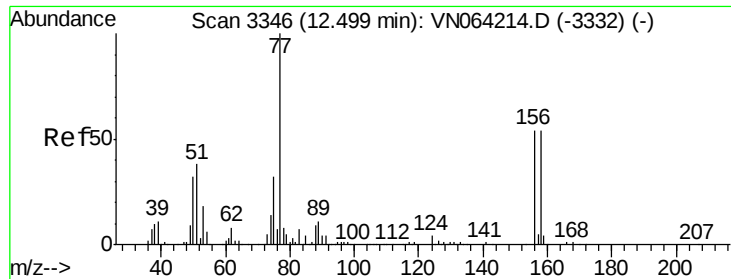
Delta R.T. -0.00 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 22940 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 4.782 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

Instrument :

MSVOA\_N

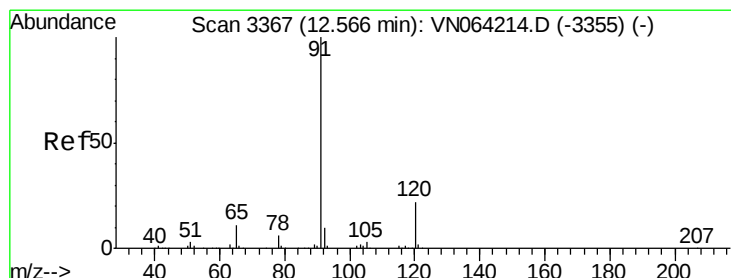
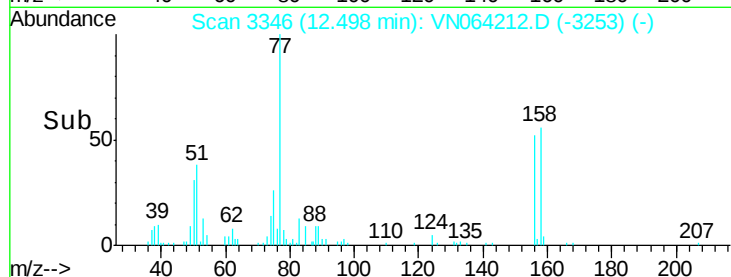
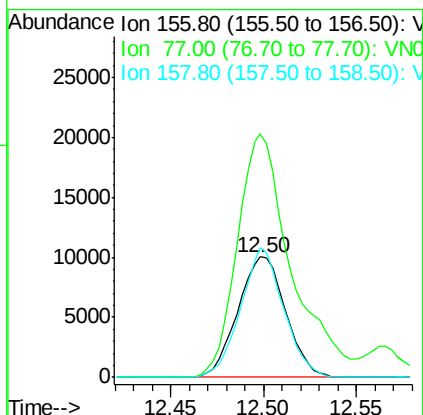
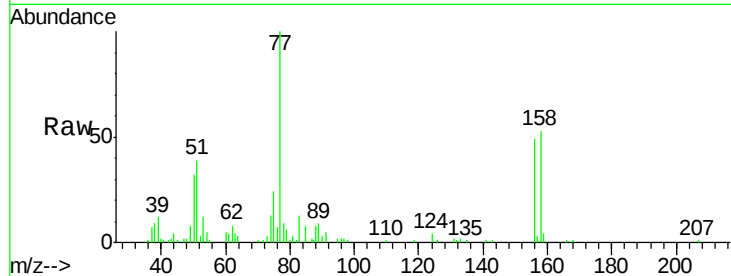
ClientSampleId :

VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 229.7 | 111.1 | 333.4 |
| 158     | 96.9  | 50.0  | 150.1 |

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#78

n-propylbenzene

Concen: 5.541 ug/l

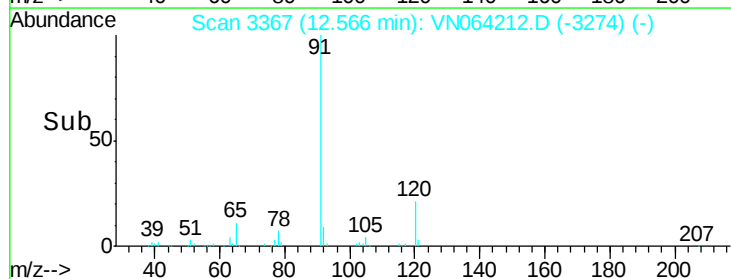
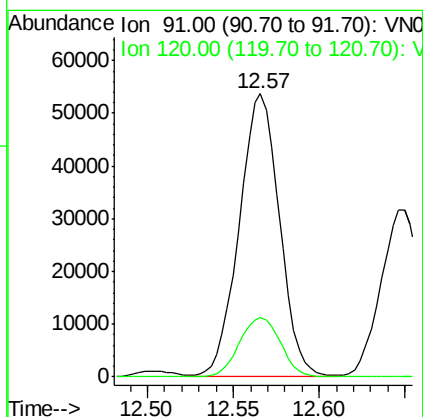
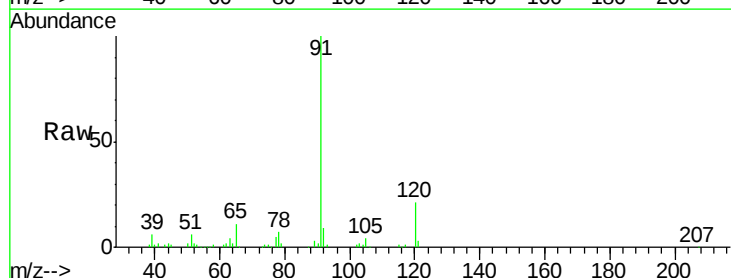
RT: 12.57 min Scan# 3367

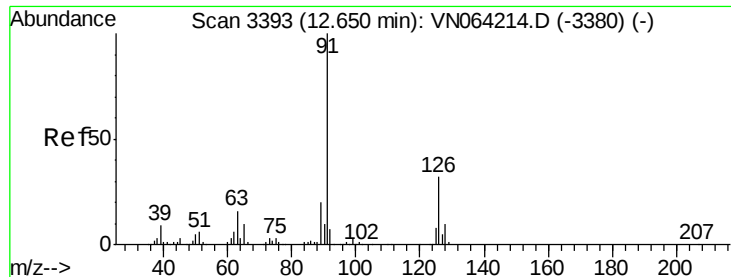
Delta R.T. -0.00 min

Lab File: VN064212.D

Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 21.4  | 11.1  | 33.1  |





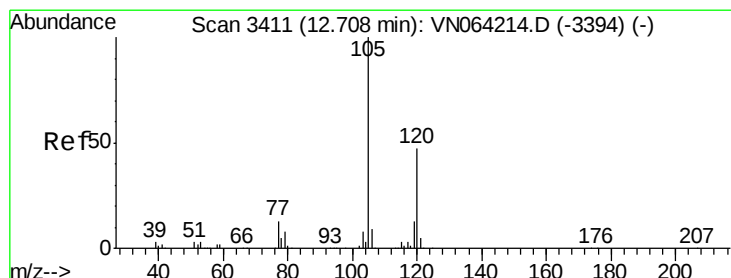
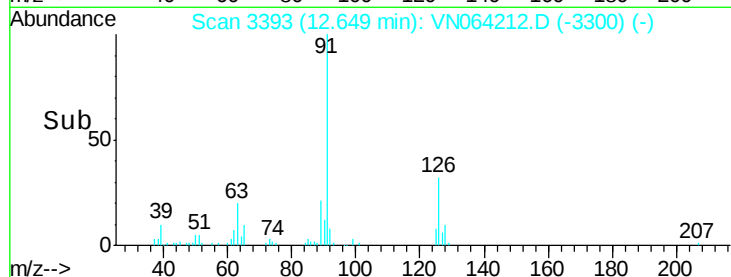
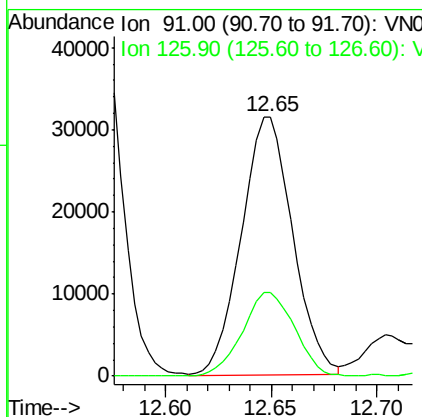
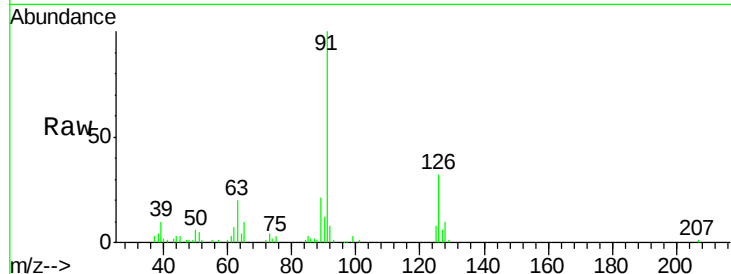
#79  
 2-Chlorotoluene  
 Concen: 5.345 ug/l  
 RT: 12.65 min Scan# 3393  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tot Ion: 91 Resp: 53363  
 Ion Ratio Lower Upper  
 91 100  
 126 32.8 16.0 48.0

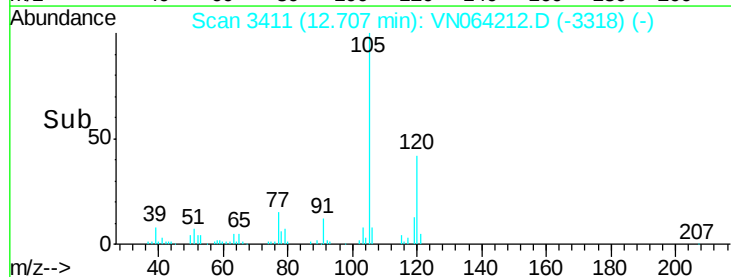
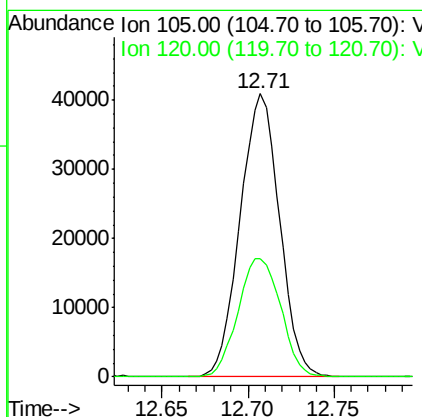
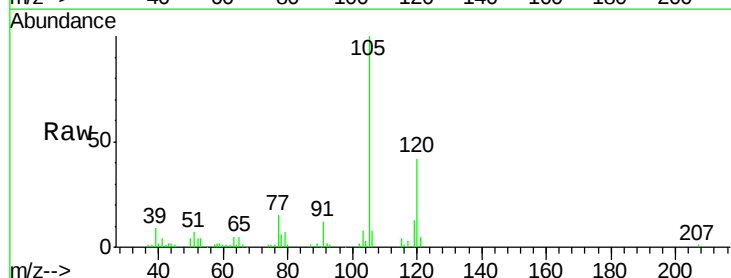
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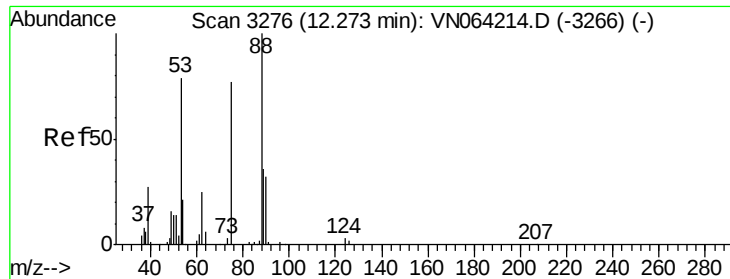
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 5.755 ug/l  
 RT: 12.71 min Scan# 3411  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

Tgt Ion: 105 Resp: 65158  
 Ion Ratio Lower Upper  
 105 100  
 120 45.1 23.4 70.0





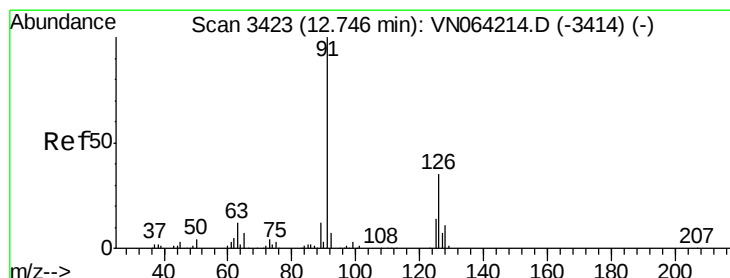
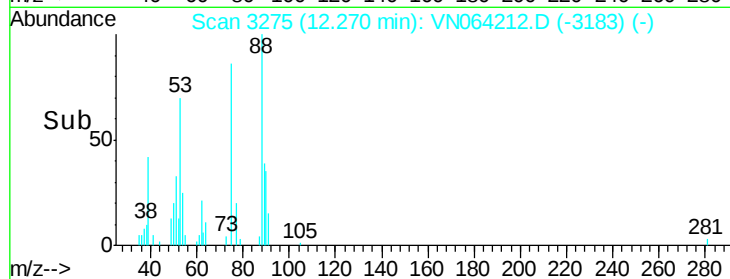
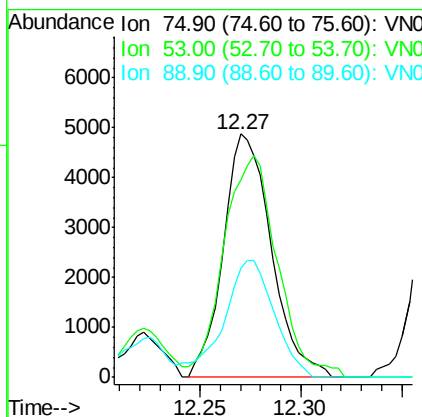
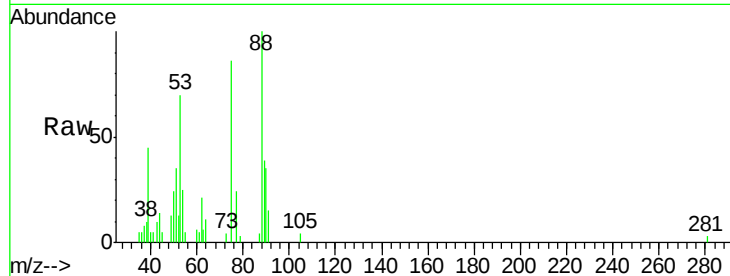
#81  
trans-1,4-Dichloro-2-butene  
Concen: 5.396 ug/l  
RT: 12.27 min Scan# 3275  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 100.9 | 81.0  | 121.4 |
| 89      | 50.1  | 38.7  | 58.1  |

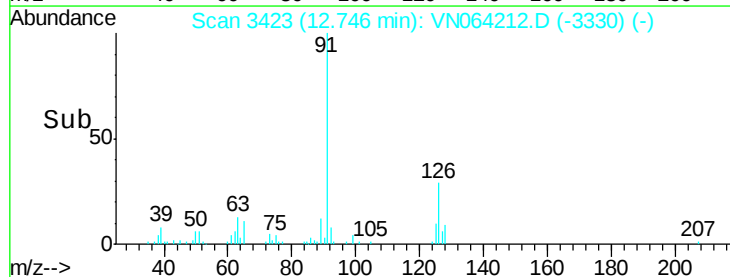
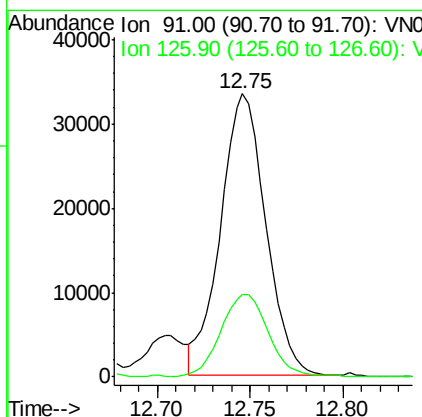
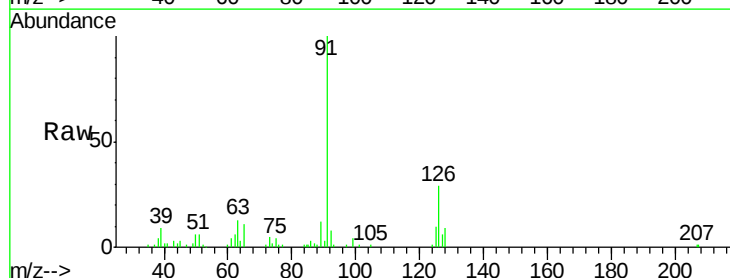
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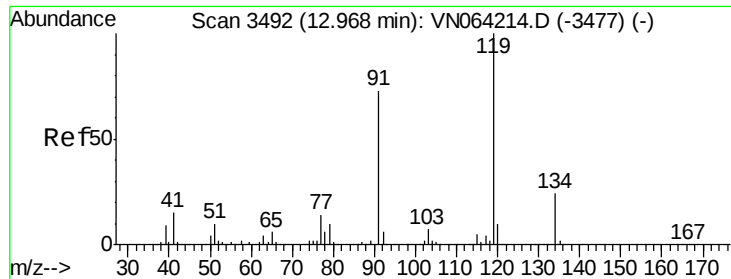
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#82  
4-Chlorotoluene  
Concen: 5.596 ug/l  
RT: 12.75 min Scan# 3423  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.8  | 15.8  | 47.3  |





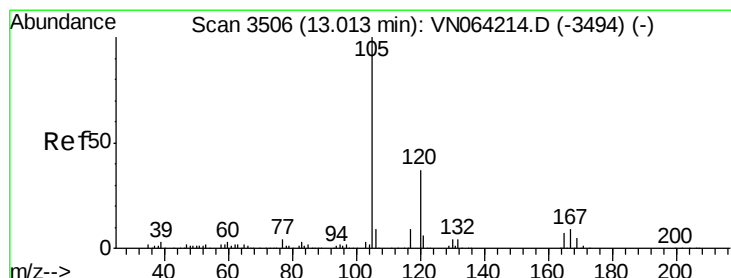
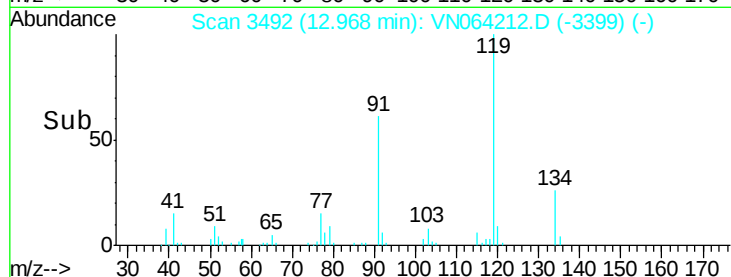
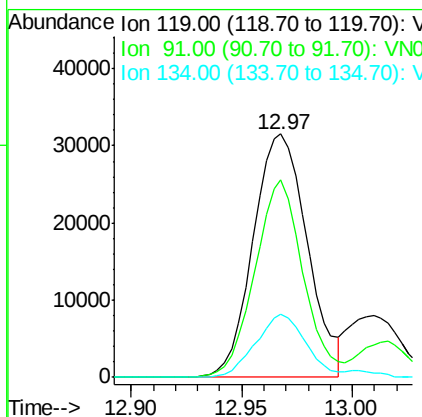
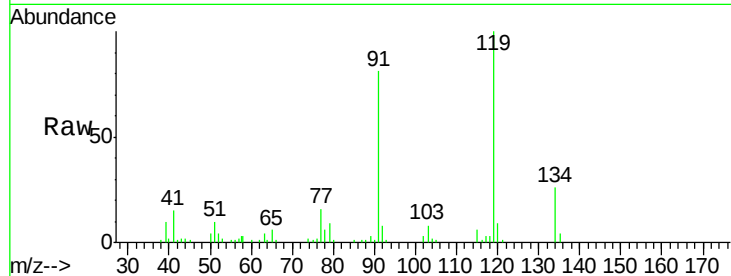
#83  
tert-Butylbenzene  
Concen: 5.739 ug/l  
RT: 12.97 min Scan# 3492  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 72.5  | 35.1  | 105.3 |
| 134     | 23.8  | 11.6  | 34.8  |

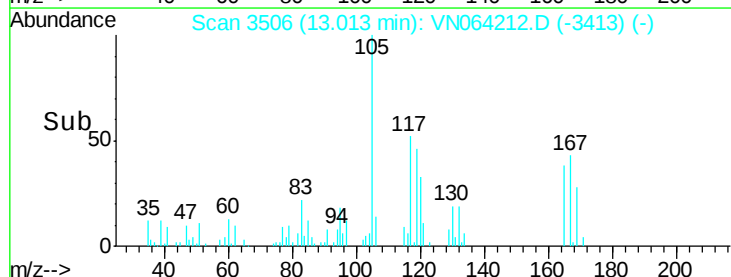
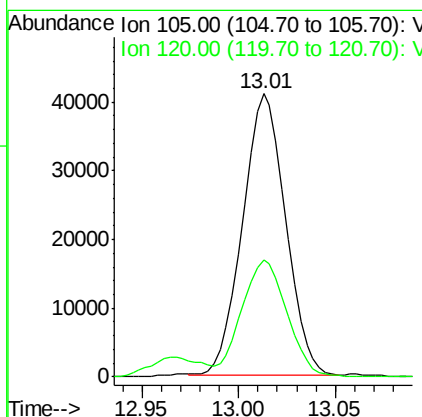
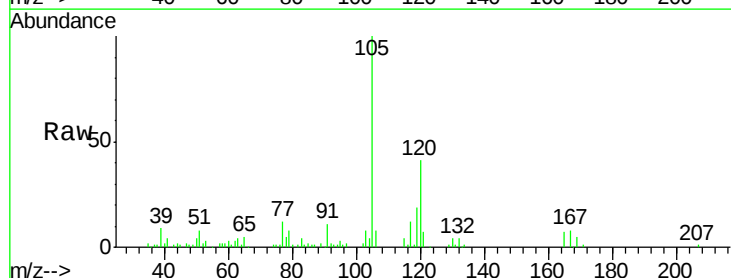
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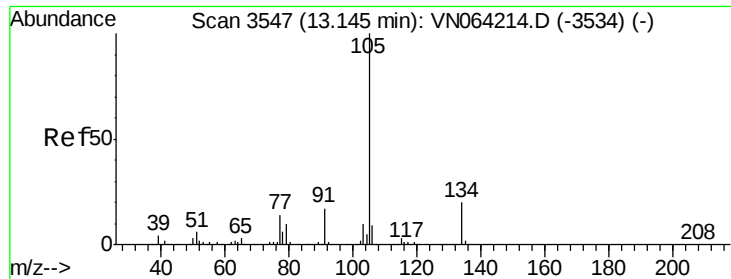
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#84  
1,2,4-Trimethylbenzene  
Concen: 5.705 ug/l  
RT: 13.01 min Scan# 3506  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.6  | 21.5  | 64.5  |





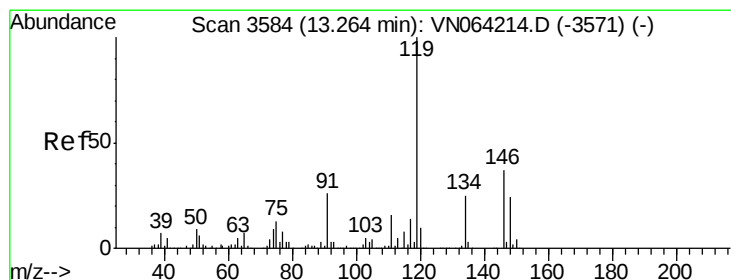
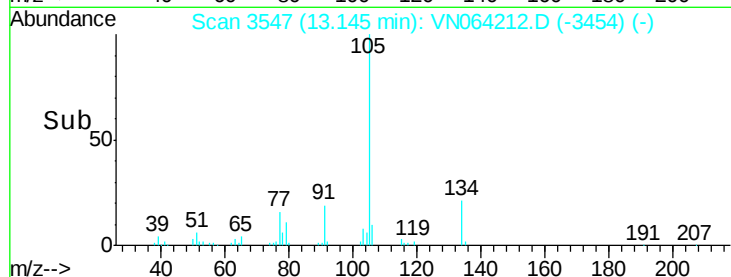
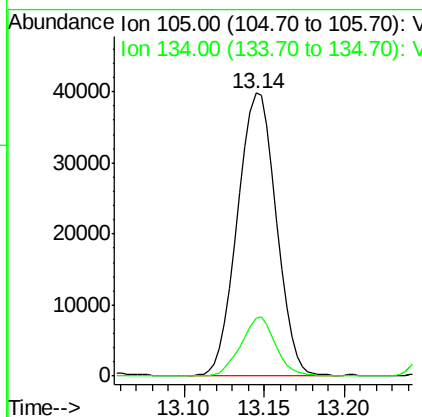
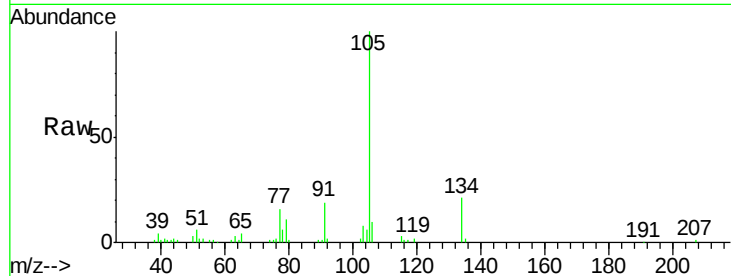
#85  
 sec-Butylbenzene  
 Concen: 5.482 ug/l  
 RT: 13.14 min Scan# 3547  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 18.6  | 9.7   | 29.1  |

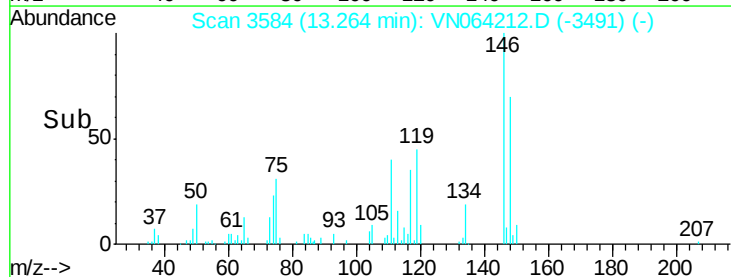
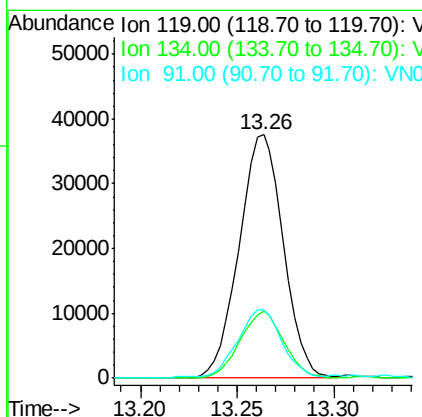
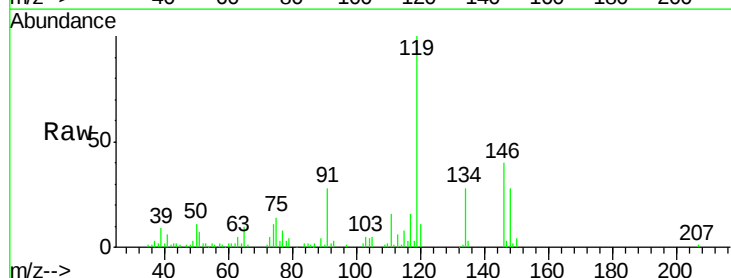
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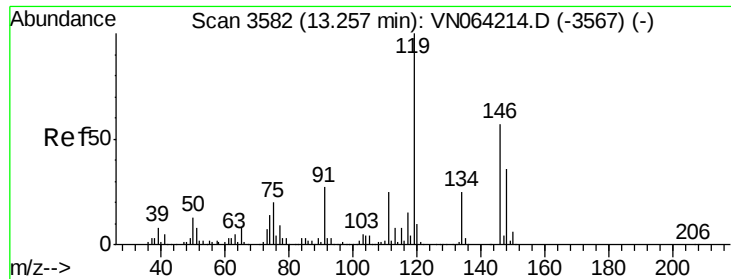
MMDadoda  
 10/22/2020 3:25:27 PM



#86  
 p-Isopropyltoluene  
 Concen: 5.686 ug/l  
 RT: 13.26 min Scan# 3584  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.9  | 13.1  | 39.3  |
| 91      | 28.5  | 13.4  | 40.2  |





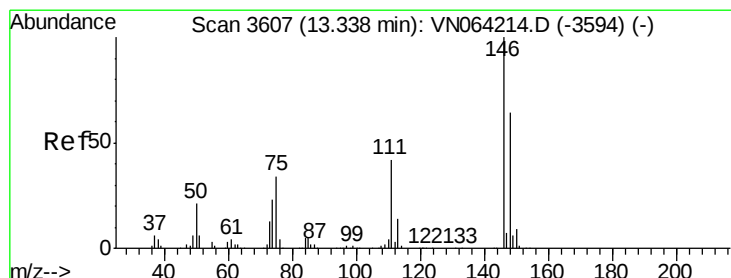
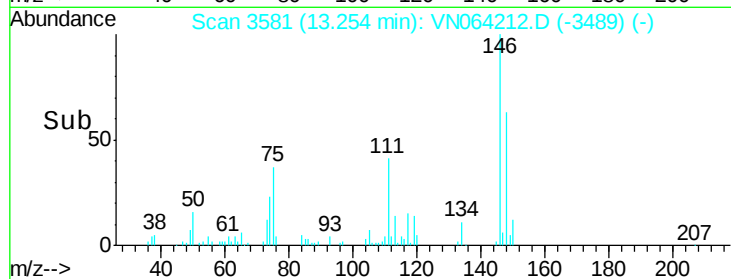
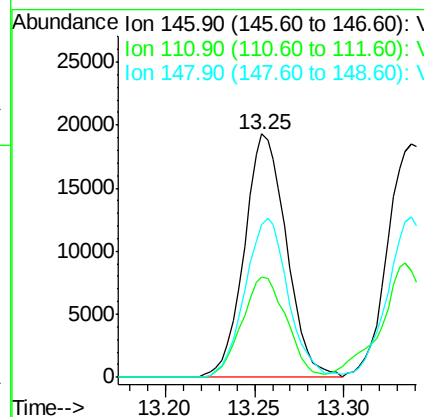
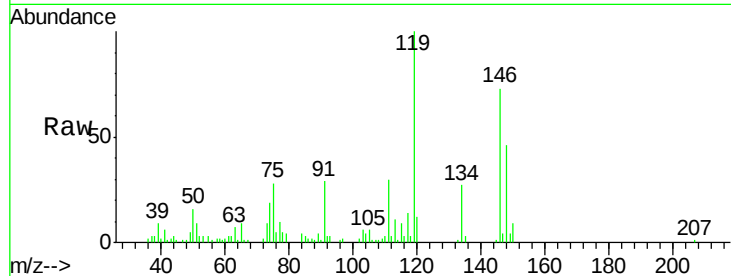
#87  
 1,3-Dichlorobenzene  
 Concen: 5.086 ug/l  
 RT: 13.25 min Scan# 3581  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.7  | 21.6  | 65.0  |
| 148     | 66.9  | 31.7  | 95.1  |

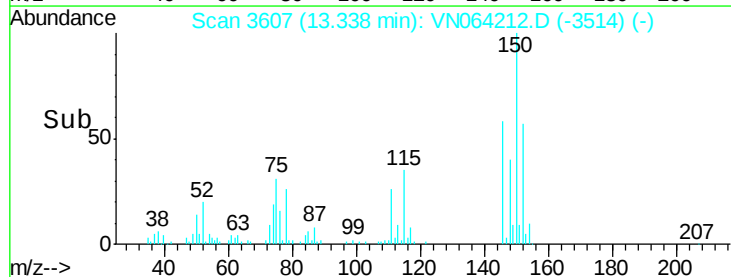
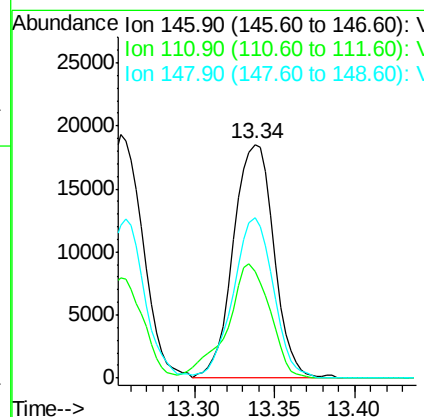
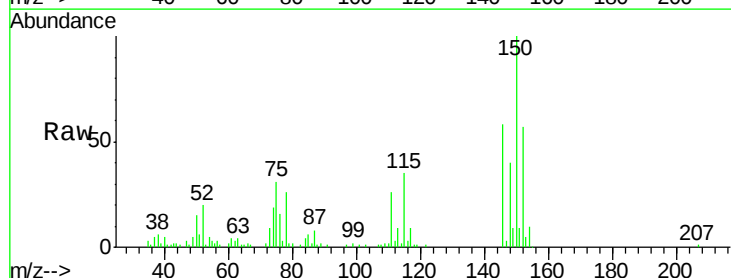
Manual Integrations  
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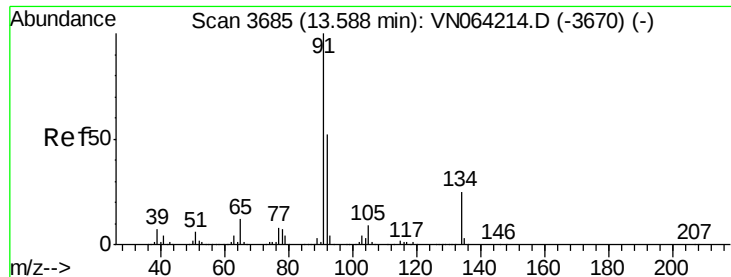
MMDadoda  
 10/22/2020 3:25:27 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 4.984 ug/l  
 RT: 13.34 min Scan# 3607  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 51.6  | 21.5  | 64.5  |
| 148     | 68.0  | 32.0  | 96.0  |





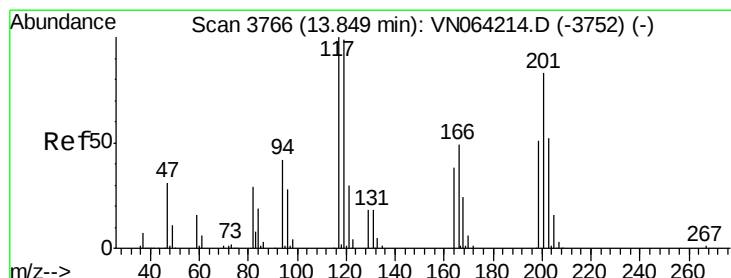
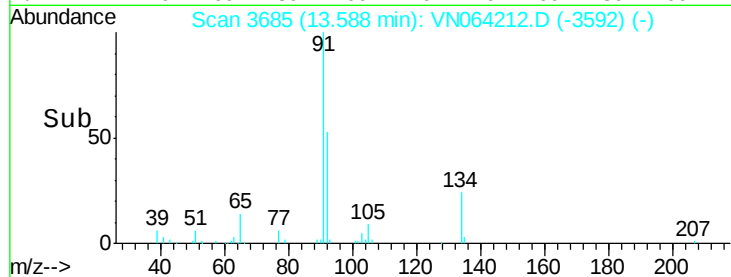
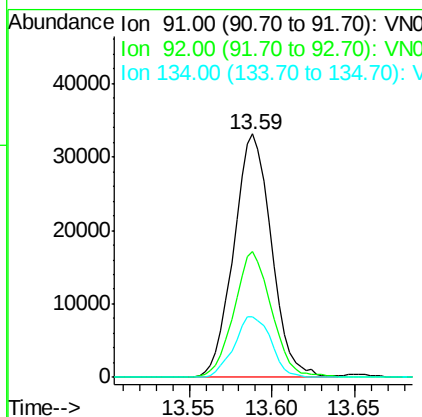
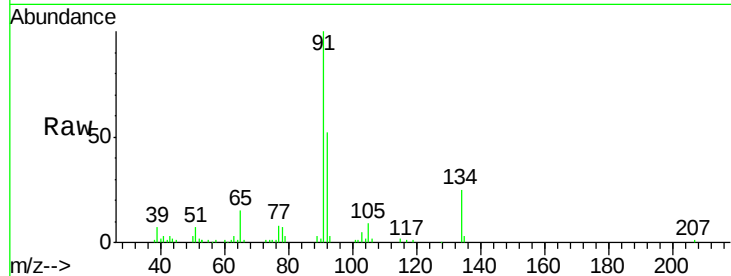
#89  
n-Butylbenzene  
Concen: 5.868 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.5  | 25.7  | 77.0  |
| 134     | 24.2  | 12.3  | 36.8  |

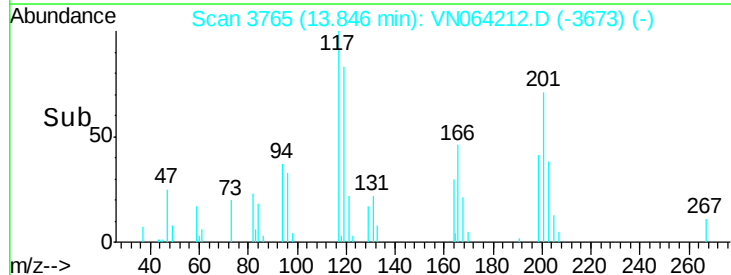
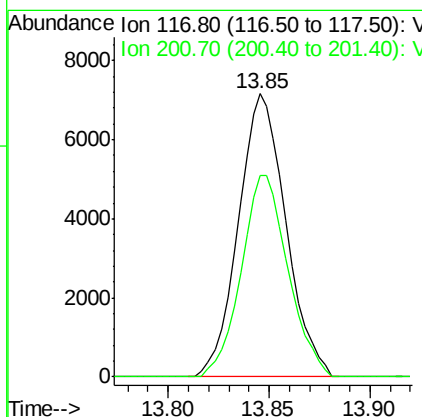
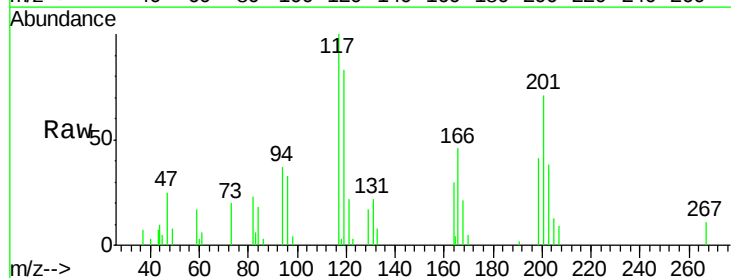
Manual Integrations  
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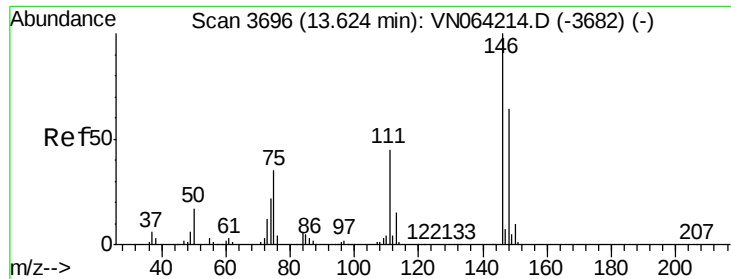
MMDadoda  
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#90  
Hexachloroethane  
Concen: 5.855 ug/l  
RT: 13.85 min Scan# 3765  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 70.0  | 40.1  | 120.3 |





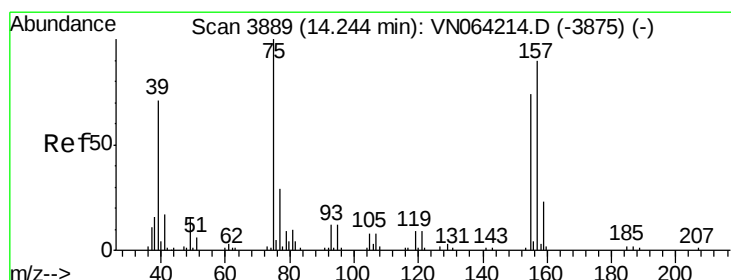
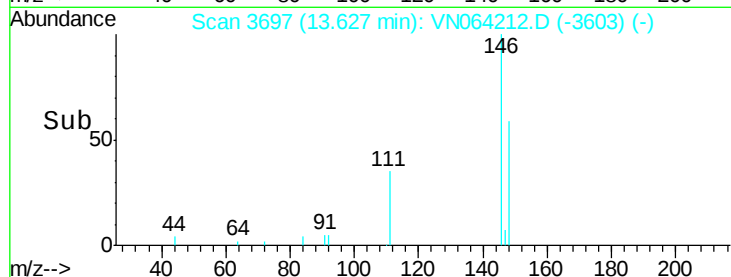
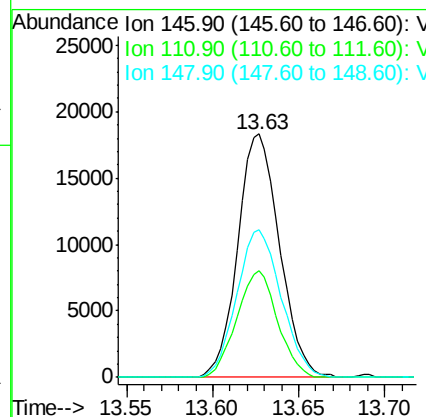
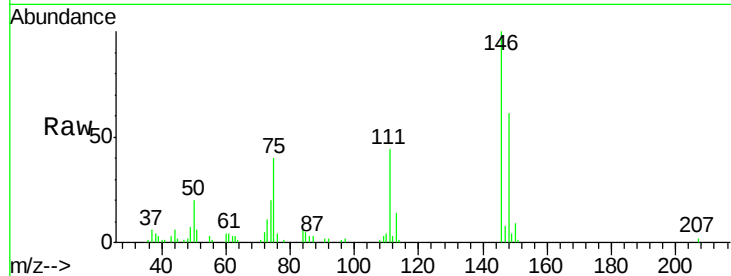
#91  
 1,2-Dichlorobenzene  
 Concen: 4.979 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. 0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.6  | 22.9  | 68.7  |
| 148     | 64.4  | 31.9  | 95.5  |

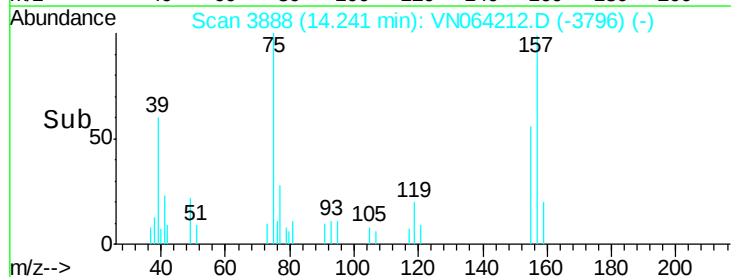
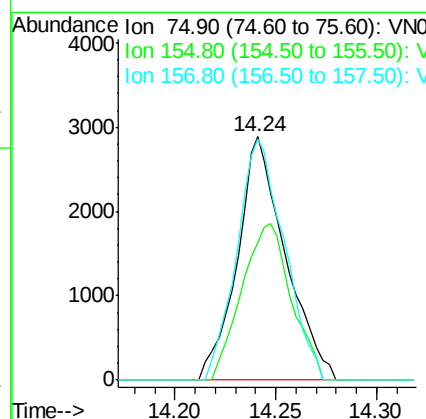
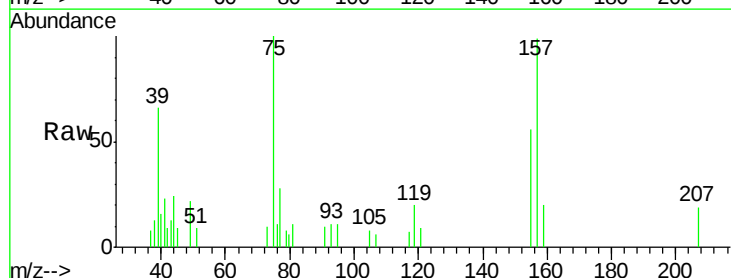
Manual Integrations  
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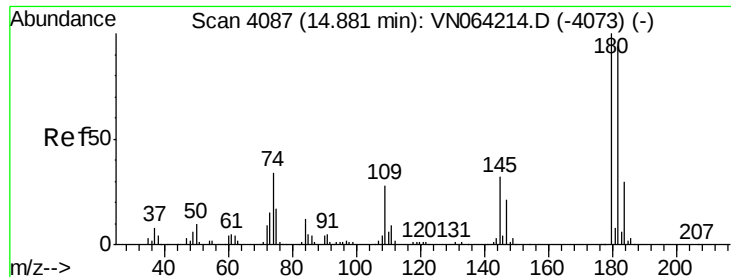
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 5.084 ug/l  
 RT: 14.24 min Scan# 3888  
 Delta R.T. -0.00 min  
 Lab File: VN064212.D  
 Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 66.3  | 36.9  | 110.7 |
| 157     | 97.8  | 44.6  | 133.8 |





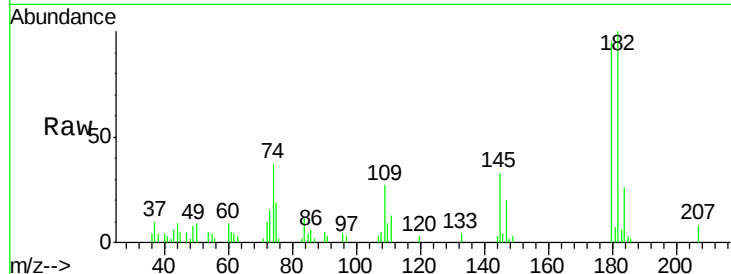
#93  
1,2,4-Trichlorobenzene  
Concen: 5.977 ug/l  
RT: 14.88 min Scan# 4087  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

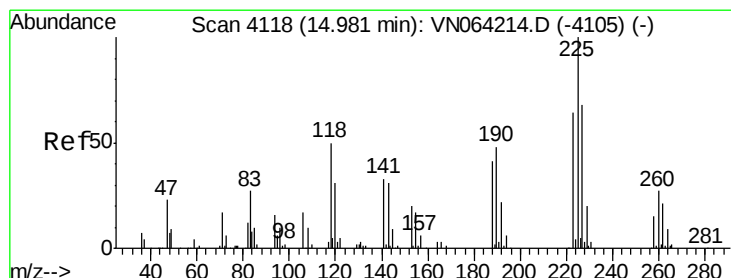
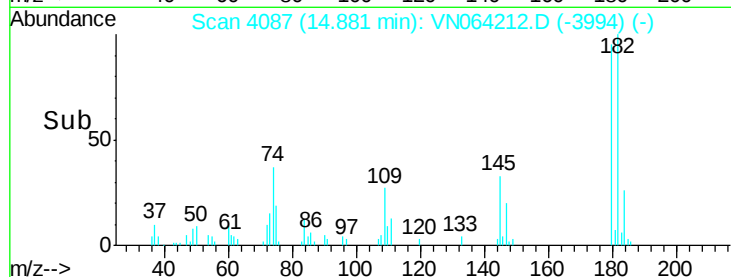
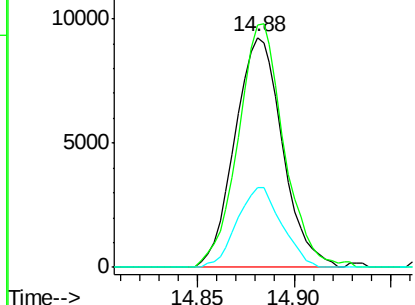
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 101.9 | 46.9 | 140.7 |       |
| 145     | 32.6  | 16.1 | 48.3  |       |

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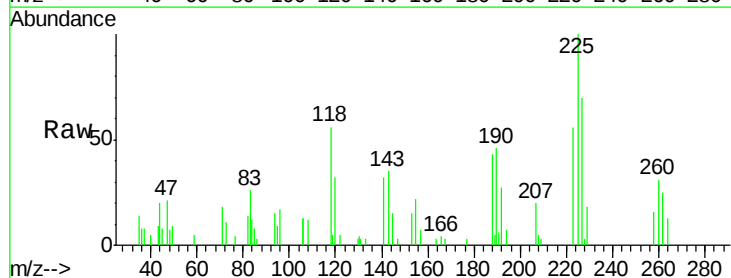


Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.80 (144.50 to 145.50): V

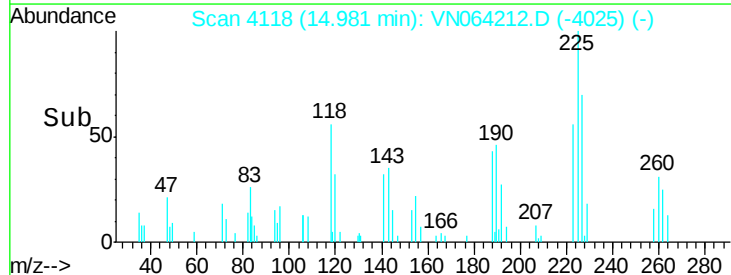
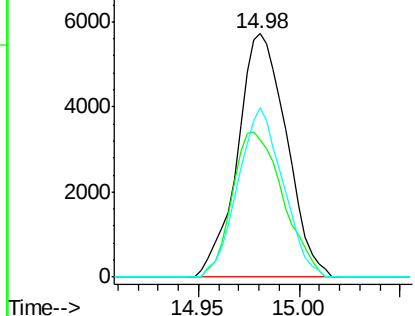


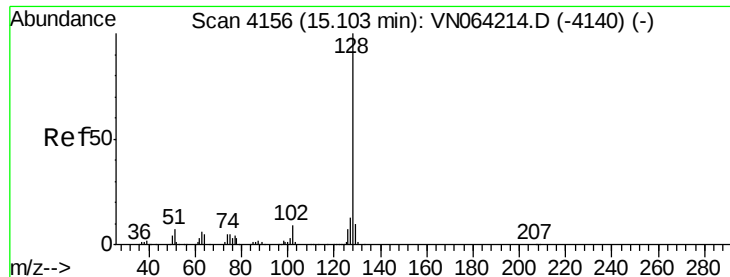
#94  
Hexachlorobutadiene  
Concen: 6.254 ug/l  
RT: 14.98 min Scan# 4118  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 61.4  | 31.5 | 94.5  |       |
| 227     | 63.9  | 32.1 | 96.5  |       |



Abundance Ion 224.70 (224.40 to 225.40): V  
Ion 222.70 (222.40 to 223.40): V  
Ion 226.70 (226.40 to 227.40): V





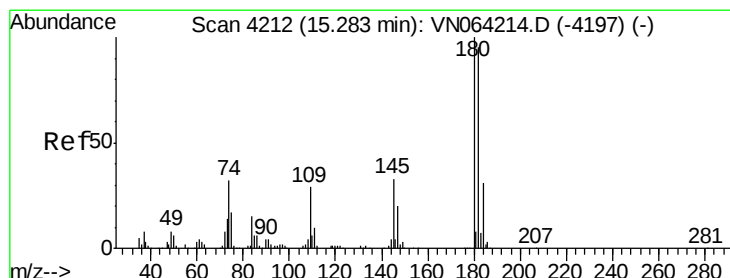
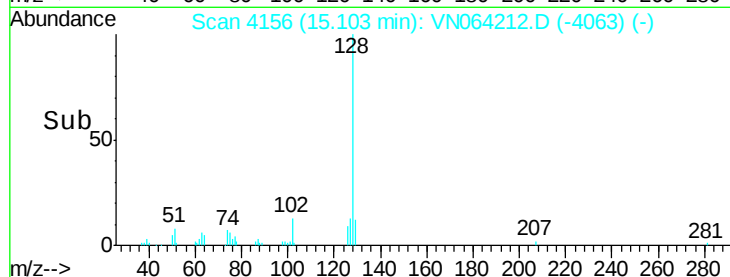
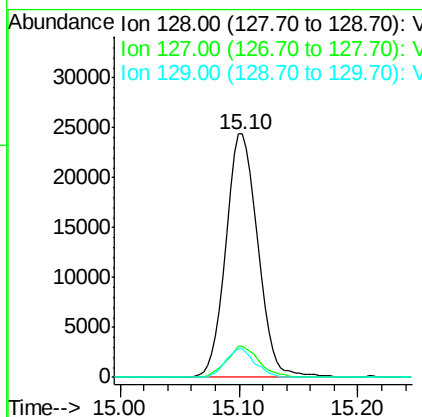
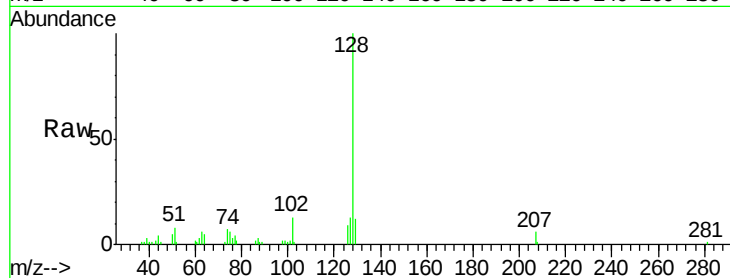
#95  
Naphthalene  
Concen: 5.763 ug/l  
RT: 15.10 min Scan# 4156  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.1  | 10.5  | 15.7  |
| 129     | 10.6  | 8.6   | 12.8  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 6.209 ug/l  
RT: 15.28 min Scan# 4212  
Delta R.T. -0.00 min  
Lab File: VN064212.D  
Acq: 21 Oct 2020 10:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.2  | 48.0  | 144.2 |
| 145     | 33.1  | 17.1  | 51.3  |

