

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\  
 Data File : VX017964.D  
 Acq On : 18 Aug 2020 18:12  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 8/19/2020 8:53:35 AM

Quant Time: Aug 19 03:06:30 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 19 02:55:45 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.62  | 168  | 489942   | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 740232   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 726790   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 359946   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.03   | 65   | 37598    | 5.93 | ug/l   | -0.01    |
| Spiked Amount               | 50.000 |      | Recovery | =    | 11.86% |          |
| 35) Dibromofluoromethane    | 5.46   | 113  | 28713    | 5.77 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =    | 11.54% |          |
| 50) Toluene-d8              | 8.70   | 98   | 97026    | 5.41 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =    | 10.82% |          |
| 62) 4-Bromofluorobenzene    | 11.12  | 95   | 34564    | 4.81 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =    | 9.62%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85   | 25257    | 4.532  | ug/l   | 90     |
| 3) Chloromethane              | 1.31 | 50   | 25006    | 3.749  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.39 | 62   | 23306    | 3.679  | ug/l   | 94     |
| 5) Bromomethane               | 1.62 | 94   | 14317    | 3.906  | ug/l   | 96     |
| 6) Chloroethane               | 1.70 | 64   | 15030    | 3.973  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 46232    | 4.644  | ug/l   | 88     |
| 8) Diethyl Ether              | 2.17 | 74   | 15920    | 4.624  | ug/l   | 89     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101  | 26210    | 4.983  | ug/l   | 99     |
| 10) Methyl Iodide             | 2.49 | 142  | 25361    | 3.772  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 3.02 | 59   | 34433    | 26.278 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 2.35 | 96   | 22997    | 4.647  | ug/l   | 88     |
| 13) Acrolein                  | 2.27 | 56   | 18638    | 21.686 | ug/l   | 97     |
| 14) Allyl chloride            | 2.70 | 41   | 39758    | 4.460  | ug/l   | 96     |
| 15) Acrylonitrile             | 3.12 | 53   | 69953    | 24.552 | ug/l   | 100    |
| 16) Acetone                   | 2.42 | 43   | 64071    | 23.053 | ug/l   | 99     |
| 17) Carbon Disulfide          | 2.54 | 76   | 45911    | 3.108  | ug/l   | 98     |
| 18) Methyl Acetate            | 2.75 | 43   | 31672    | 4.852  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73   | 74077    | 4.273  | ug/l   | 100    |
| 20) Methylene Chloride        | 2.84 | 84   | 28967    | 4.869  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 3.15 | 96   | 22913    | 4.351  | ug/l   | 91     |
| 22) Diisopropyl ether         | 3.82 | 45   | 75814    | 4.477  | ug/l # | 86     |
| 23) Vinyl Acetate             | 3.79 | 43   | 311933   | 21.400 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 3.67 | 63   | 48414    | 4.994  | ug/l   | 99     |
| 25) 2-Butanone                | 4.64 | 43   | 97036    | 24.391 | ug/l   | 95     |
| 26) 2,2-Dichloropropane       | 4.55 | 77   | 43986    | 5.043  | ug/l   | 95     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96   | 27317    | 4.673  | ug/l   | 97     |
| 28) Bromochloromethane        | 4.98 | 49   | 23277    | 5.216  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 5.09 | 42   | 55089    | 22.256 | ug/l   | 98     |
| 30) Chloroform                | 5.18 | 83   | 50310    | 5.036  | ug/l   | 96     |
| 31) Cyclohexane               | 5.55 | 56   | 29071    | 3.686  | ug/l   | 93     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97   | 45736    | 4.870  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 5.77 | 75   | 29867    | 4.236  | ug/l   | 92     |
| 37) Ethyl Acetate             | 4.80 | 43   | 40860    | 5.385  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 5.75 | 117  | 40112    | 4.636  | ug/l   | 94     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\  
 Data File : VX017964.D  
 Acq On : 18 Aug 2020 18:12  
 Operator : JC/SP  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 8/19/2020 8:53:35 AM

Quant Time: Aug 19 03:06:30 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 19 02:55:45 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 28203    | 3.389  | ug/l   | 96       |
| 40) Benzene                    | 6.11  | 78   | 98265    | 4.874  | ug/l   | 97       |
| 41) Methacrylonitrile          | 5.00  | 41   | 19356    | 4.366  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 40978    | 4.954  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 6.42  | 43   | 57272    | 4.613  | ug/l   | 97       |
| 44) Trichloroethene            | 7.19  | 130  | 28057    | 4.730  | ug/l   | 89       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 28484    | 5.026  | ug/l   | 99       |
| 46) Dibromomethane             | 7.64  | 93   | 20337    | 5.089  | ug/l   | 90       |
| 47) Bromodichloromethane       | 7.88  | 83   | 40384    | 4.927  | ug/l   | 95       |
| 48) Methyl methacrylate        | 7.74  | 41   | 25069    | 3.926  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 7.72  | 88   | 10568    | 86.032 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 187547   | 24.425 | ug/l   | 98       |
| 52) Toluene                    | 8.77  | 92   | 60157    | 4.624  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 40462    | 4.560  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 42247    | 4.646  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 28138    | 5.152  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 33451    | 4.120  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 43633    | 4.877  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 85857    | 20.432 | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.48  | 43   | 139599   | 24.292 | ug/l   | 94       |
| 60) Dibromochloromethane       | 9.57  | 129  | 33855    | 4.905  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 29506    | 5.031  | ug/l   | 97       |
| 64) Tetrachloroethene          | 9.32  | 164  | 29886    | 4.689  | ug/l   | 94       |
| 65) Chlorobenzene              | 10.12 | 112  | 73081    | 4.703  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 30618    | 4.858  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.24 | 91   | 108902   | 4.219  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.34 | 106  | 80032    | 8.065  | ug/l   | 99       |
| 69) o-Xylene                   | 10.68 | 106  | 38958    | 4.063  | ug/l   | 96       |
| 70) Styrene                    | 10.70 | 104  | 62168    | 3.803  | ug/l   | 94       |
| 71) Bromoform                  | 10.84 | 173  | 26130    | 4.801  | ug/l # | 96       |
| 73) Isopropylbenzene           | 11.01 | 105  | 106857   | 4.350  | ug/l   | 98       |
| 74) N-amyl acetate             | 10.88 | 43   | 44276    | 4.114  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 42780    | 5.478  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 38655m   | 5.211  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 32450    | 4.723  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.35 | 91   | 118357   | 4.253  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 77002    | 4.474  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 87369    | 4.179  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.05 | 75   | 14135    | 4.797  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 90554    | 4.492  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 87989    | 4.416  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 88113    | 4.170  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 98881    | 4.227  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 89038    | 4.009  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 57649    | 4.913  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 57609    | 4.727  | ug/l   | 94       |
| 89) n-Butylbenzene             | 12.37 | 91   | 81258    | 4.132  | ug/l   | 96       |
| 90) Hexachloroethane           | 12.58 | 117  | 22166    | 5.037  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 53903    | 4.653  | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 10512    | 4.940  | ug/l   | 90       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\  
Data File : VX017964.D  
Acq On : 18 Aug 2020 18:12  
Operator : JC/SP  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

Manual Integrations  
APPROVED

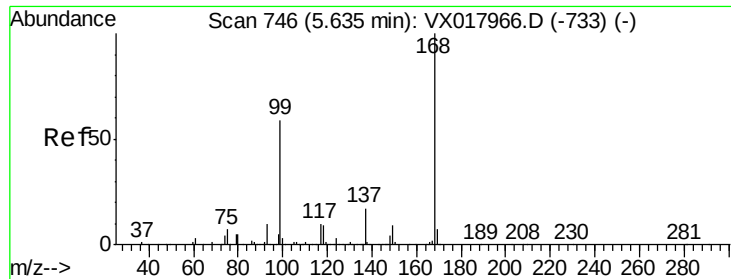
MMDadoda  
8/19/2020 8:53:35 AM

Quant Time: Aug 19 03:06:30 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 19 02:55:45 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 32687    | 4.221 | ug/l  | 95       |
| 94) Hexachlorobutadiene    | 13.76 | 225  | 15299    | 4.300 | ug/l  | 96       |
| 95) Naphthalene            | 13.82 | 128  | 90921    | 3.904 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 32753    | 4.233 | ug/l  | 99       |

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





#1

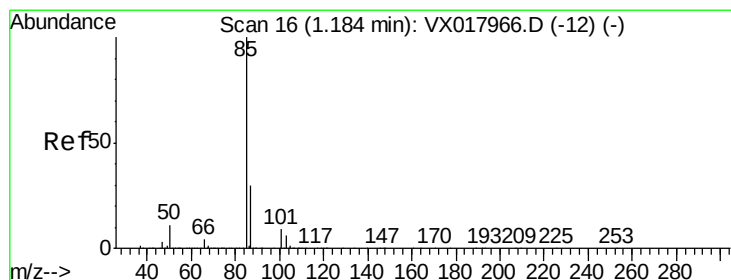
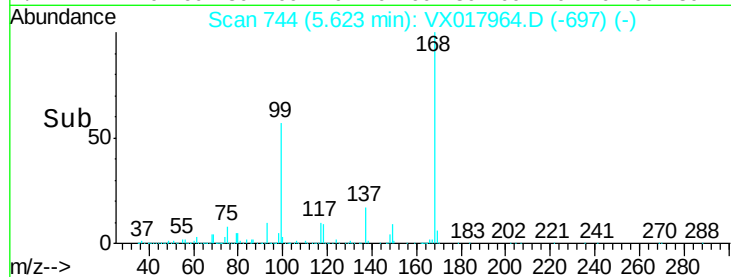
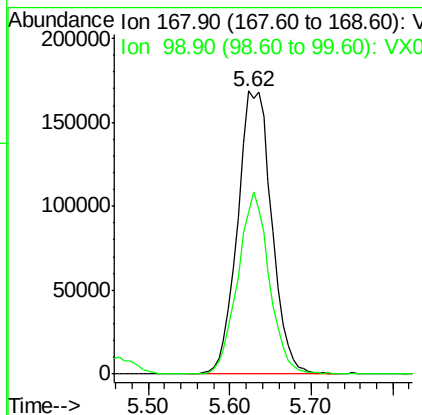
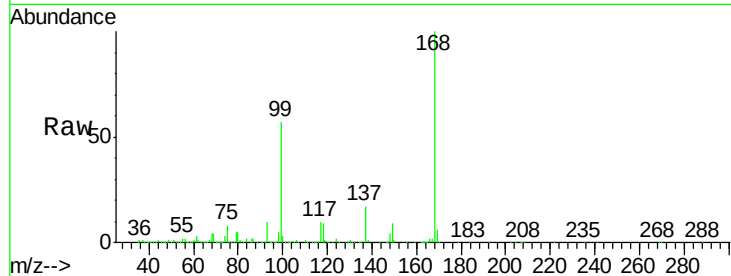
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.62 min Scan# 744  
Delta R.T. -0.01 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 57.4  | 47.4  | 71.2  |

Manual Integrations  
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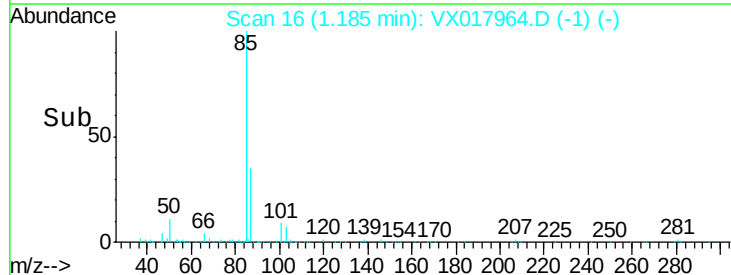
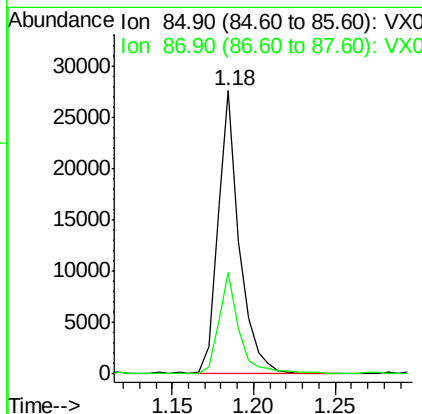
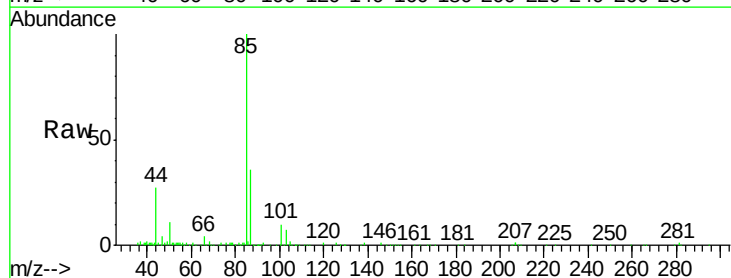
MMDadoda  
8/19/2020 8:53:35 AM

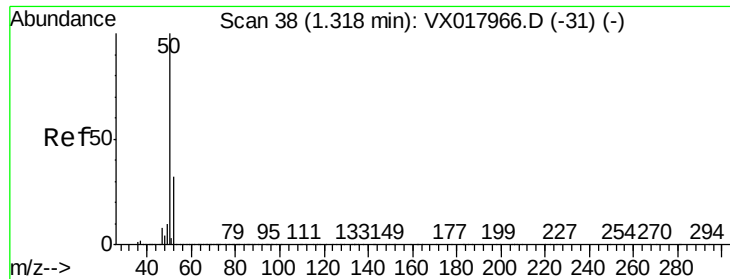


#2

Dichlorodifluoromethane  
Concen: 4.532 ug/l  
RT: 1.18 min Scan# 16  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 35.9  | 15.3  | 45.8  |





#3

Chloromethane

Concen: 3.749 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 25006

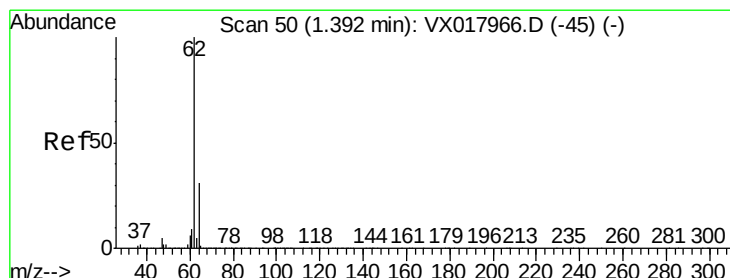
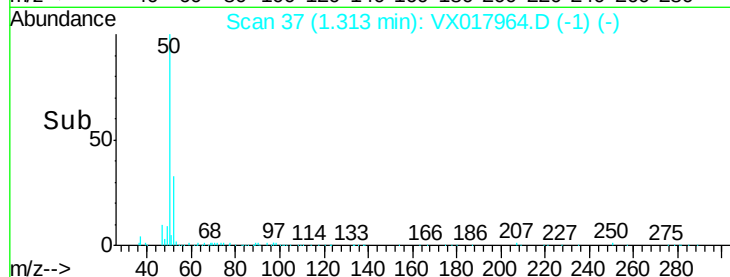
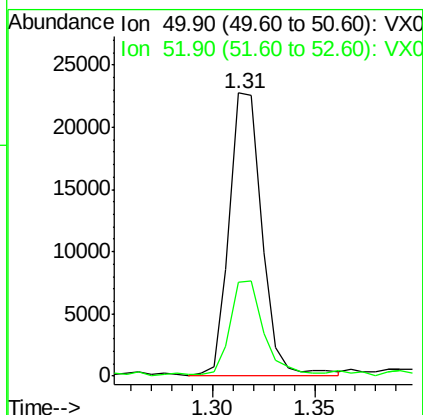
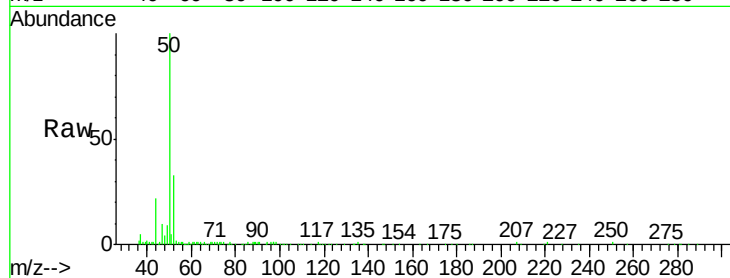
Ion Ratio Lower Upper

50 100

52 32.5 25.4 38.0

Manual Integrations  
APPROVED

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8/19/2020 8:53:35 AM



#4

Vinyl Chloride

Concen: 3.679 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017964.D

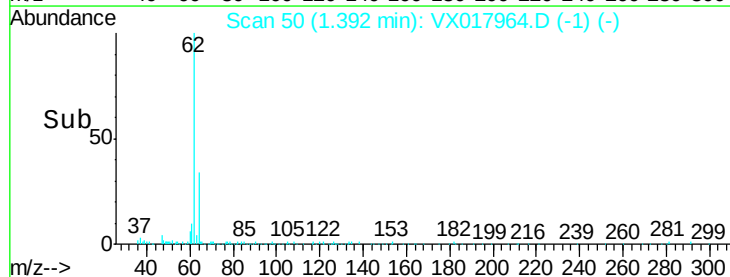
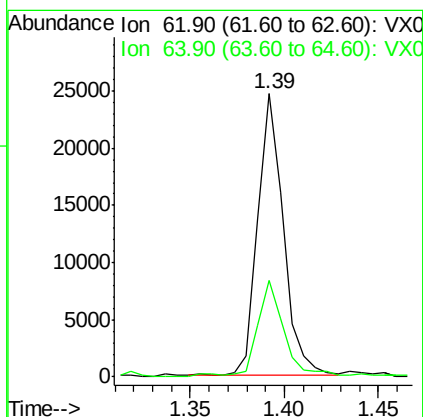
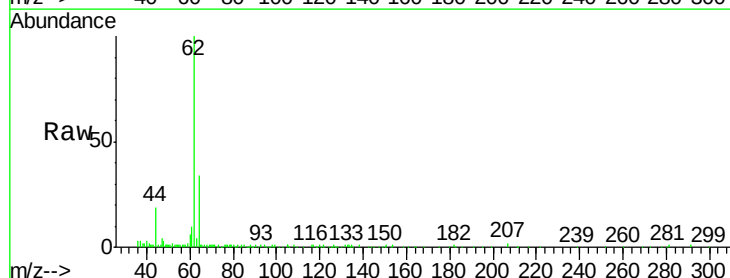
Acq: 18 Aug 2020 18:12

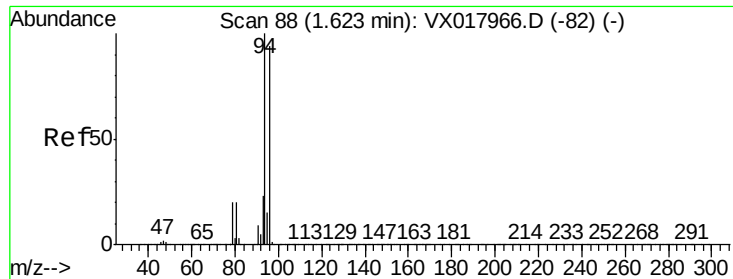
Tgt Ion: 62 Resp: 23306

Ion Ratio Lower Upper

62 100

64 34.1 24.7 37.1





#5

Bromomethane

Concen: 3.906 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 14317

Ion Ratio Lower Upper

94 100

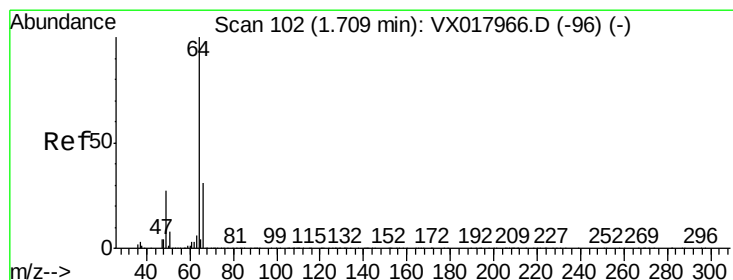
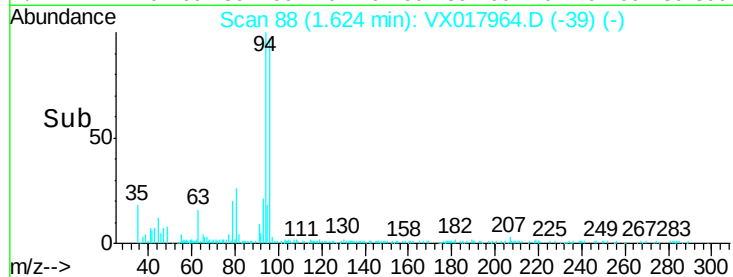
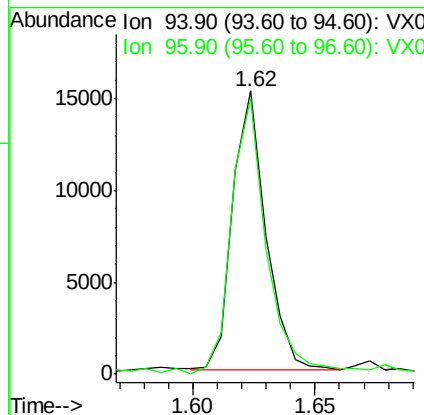
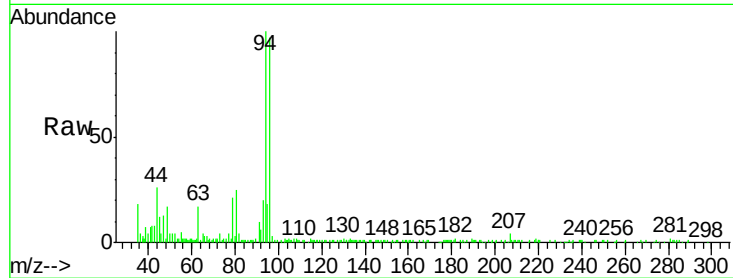
96 98.7 75.5 113.3

Manual Integrations

APPROVED

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8/19/2020 8:53:35 AM



#6

Chloroethane

Concen: 3.973 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017964.D

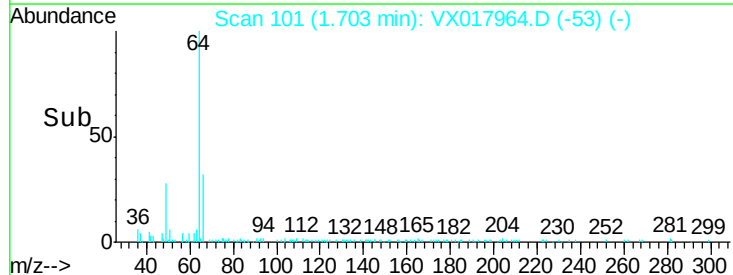
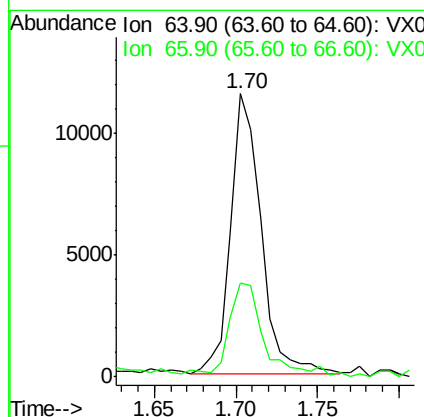
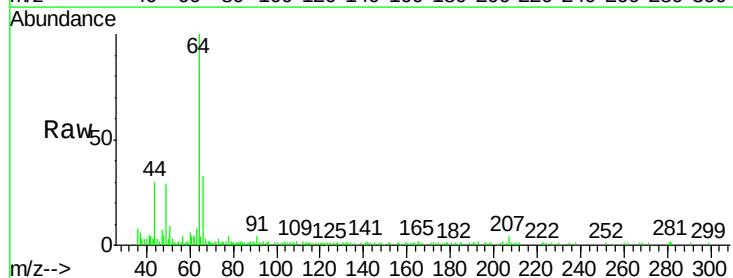
Acq: 18 Aug 2020 18:12

Tgt Ion: 64 Resp: 15030

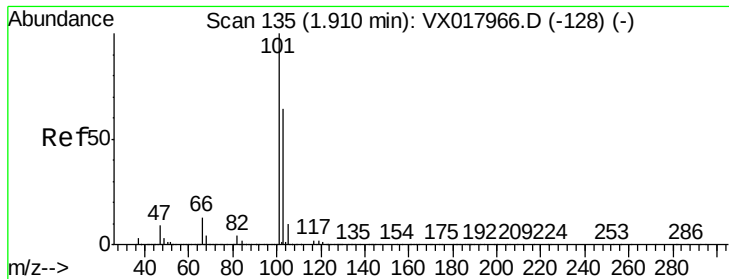
Ion Ratio Lower Upper

64 100

66 30.3 25.0 37.4







#7

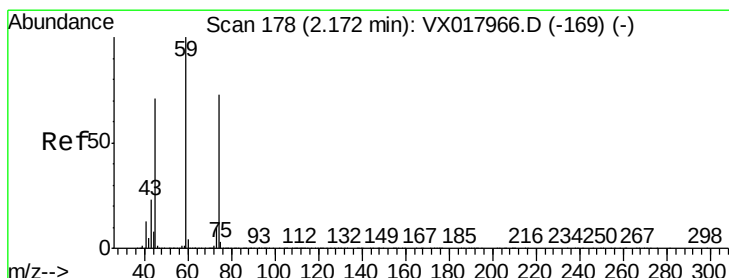
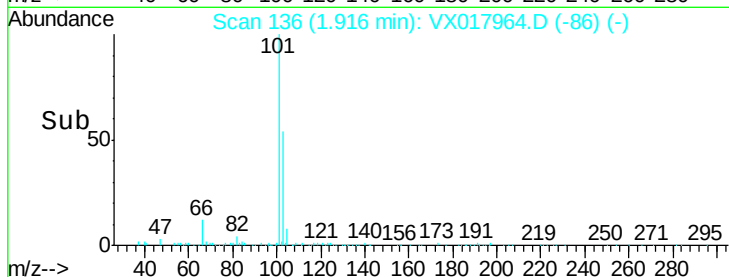
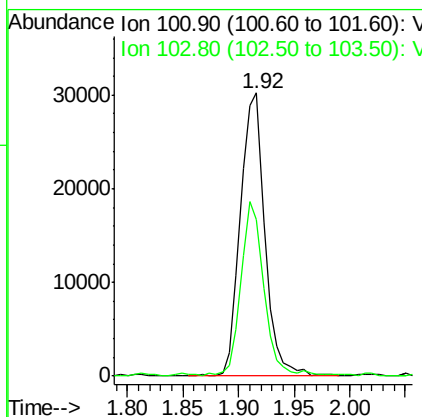
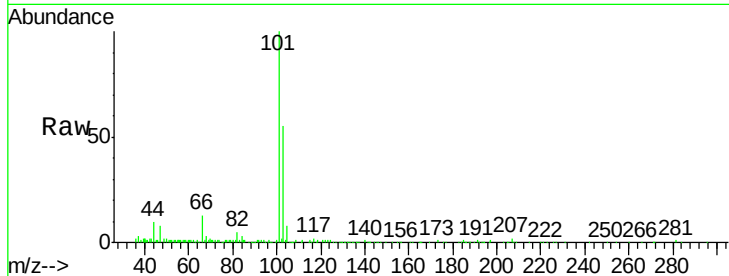
Trichlorofluoromethane  
Concen: 4.644 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. 0.01 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 54.6  | 51.2  | 76.8  |

Manual Integrations  
APPROVED

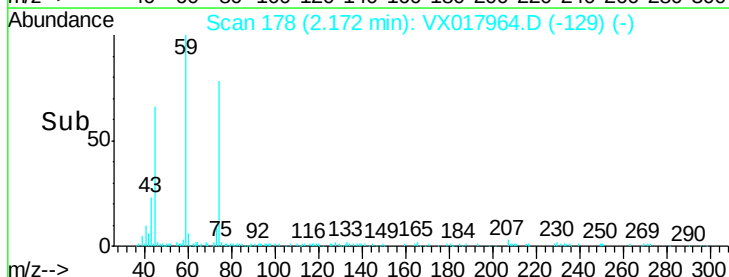
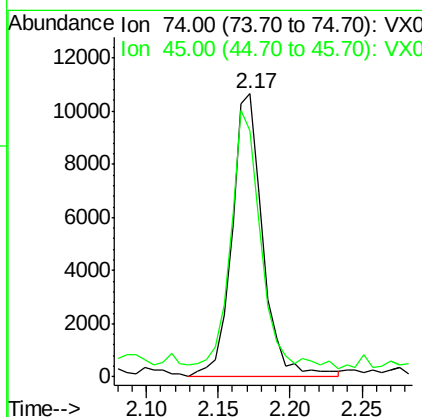
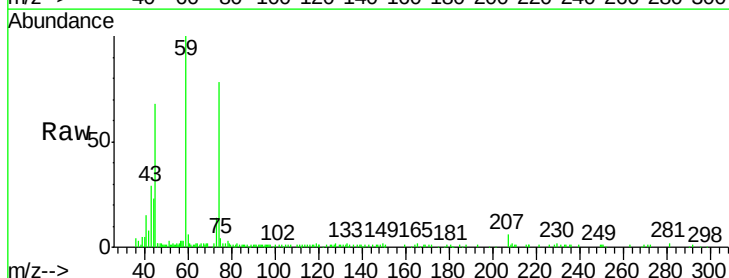
MMDadoda  
8/19/2020 8:53:35 AM



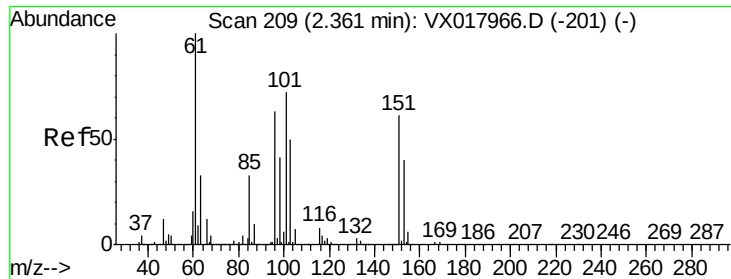
#8

Diethyl Ether  
Concen: 4.624 ug/l  
RT: 2.17 min Scan# 178  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 90.2  | 50.5  | 151.6 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.983 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX017964.D

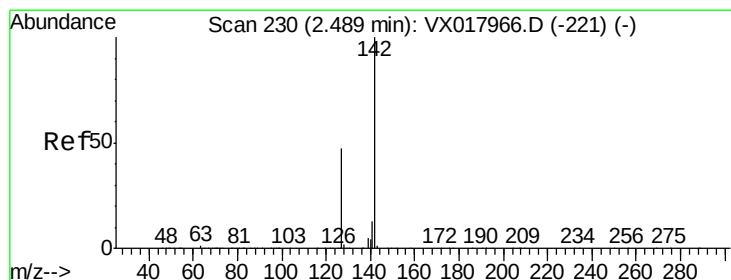
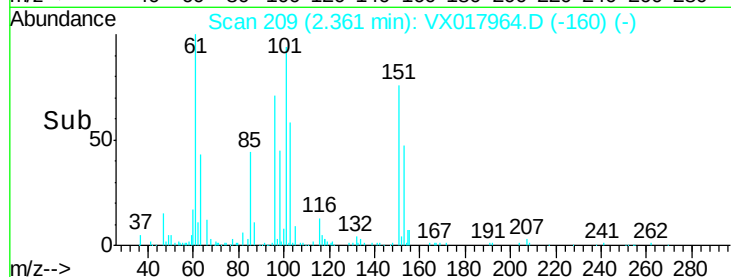
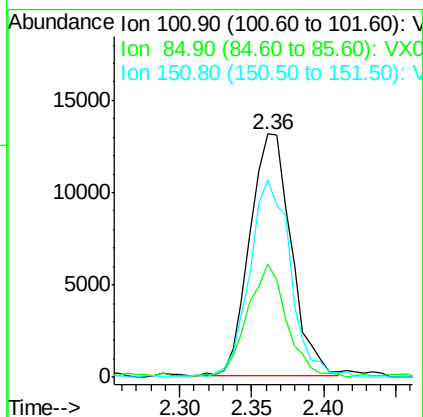
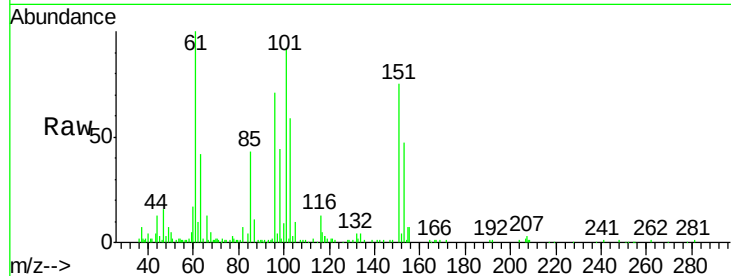
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 101     | 100   | 26210 |       |       |
| 85      | 43.6  |       | 35.4  | 53.2  |
| 151     | 81.0  |       | 65.4  | 98.0  |

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#10

Methyl Iodide

Concen: 3.772 ug/l

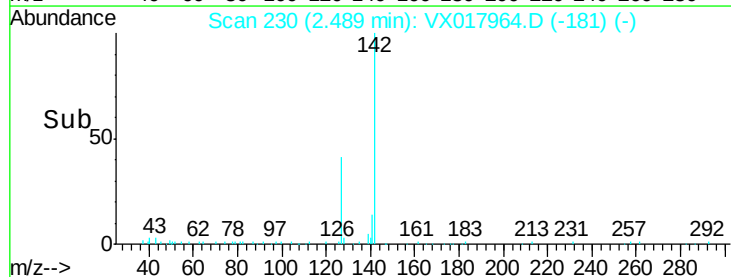
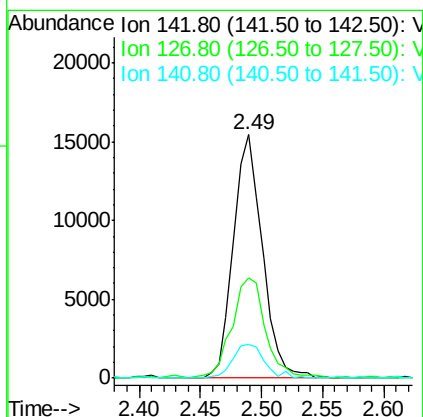
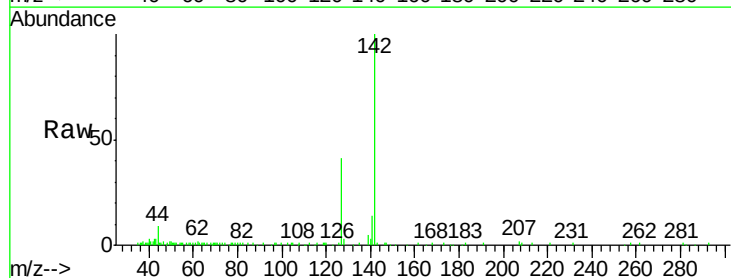
RT: 2.49 min Scan# 230

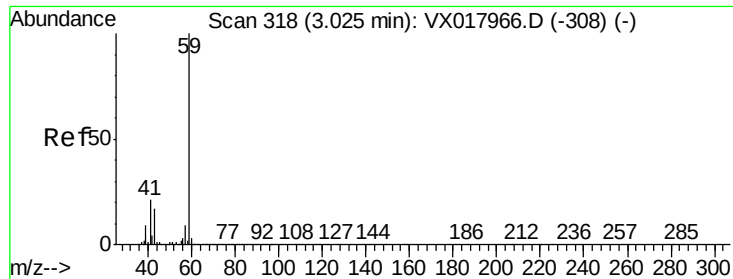
Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 142     | 100   | 25361 |       |       |
| 127     | 47.8  |       | 38.0  | 57.0  |
| 141     | 15.2  |       | 11.2  | 16.8  |





#11

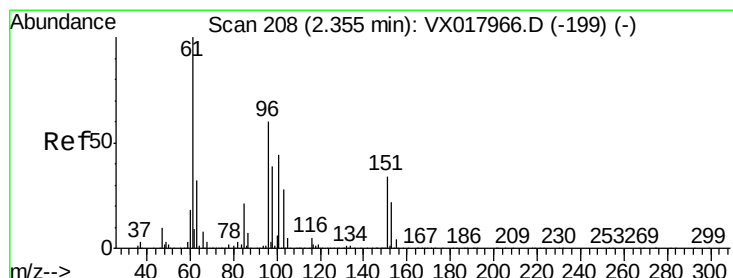
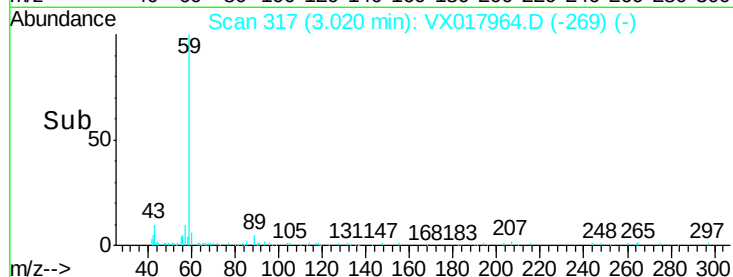
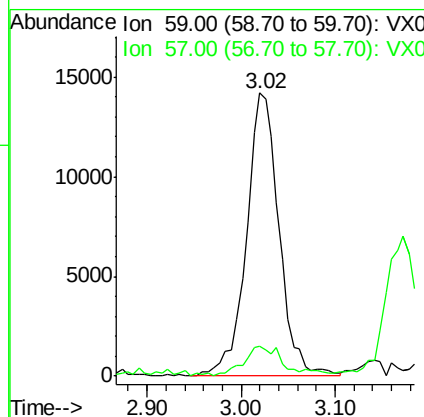
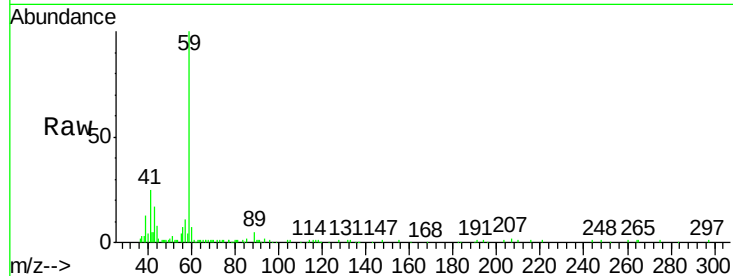
Tert butyl alcohol  
Concen: 26.278 ug/l  
RT: 3.02 min Scan# 317  
Delta R.T. -0.01 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion   | 59   | Resp  | 34433 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 11.6 | 8.6   | 13.0  |

Manual Integrations  
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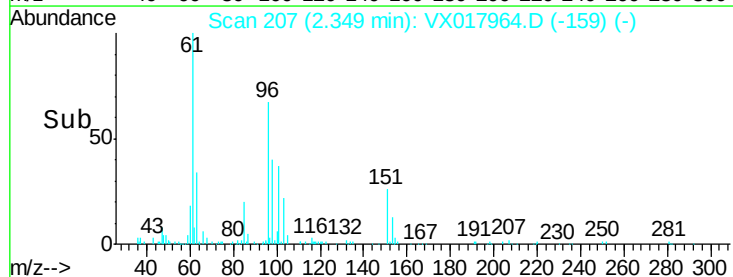
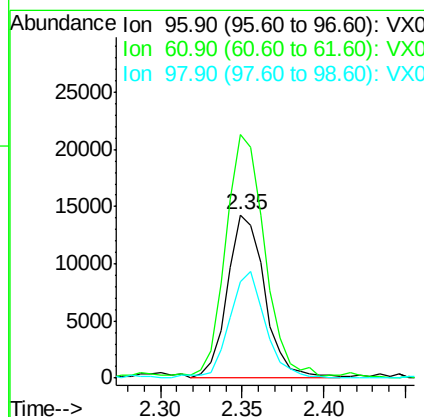
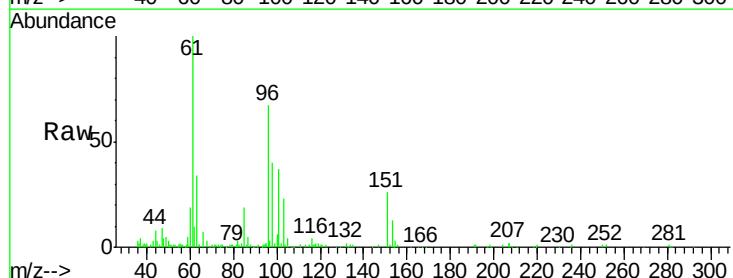
MMDadoda  
8/19/2020 8:53:35 AM

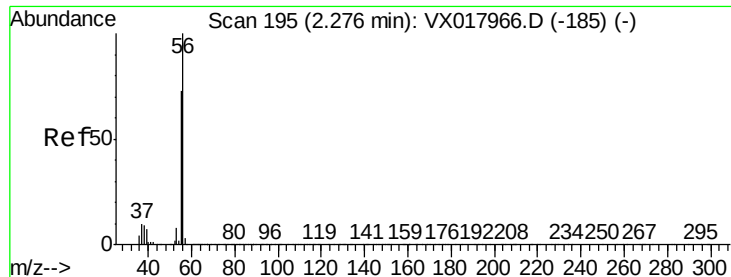


#12

1,1-Dichloroethene  
Concen: 4.647 ug/l  
RT: 2.35 min Scan# 207  
Delta R.T. -0.01 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion   | 96    | Resp  | 22997 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 61        | 147.5 | 132.9 | 199.3 |
| 98        | 59.3  | 51.6  | 77.4  |





#13

Acrolein

Concen: 21.686 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 18638

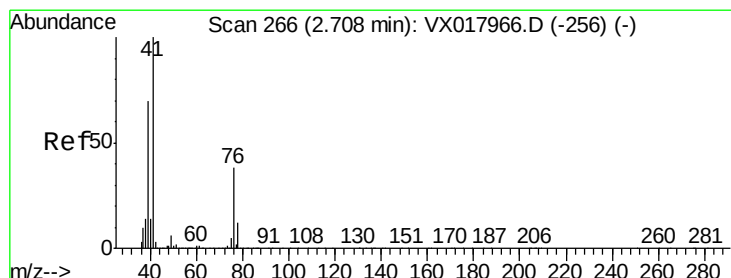
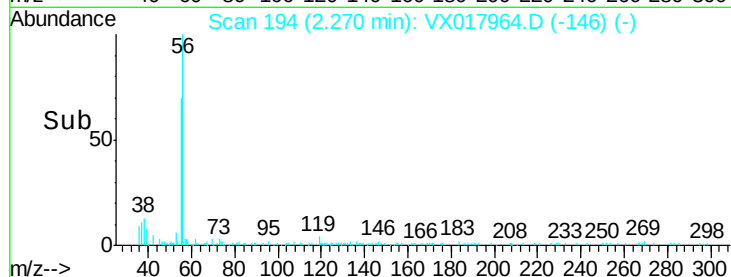
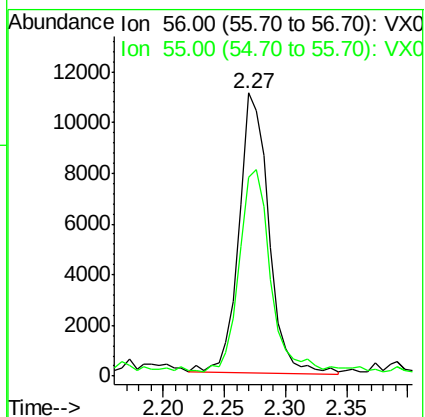
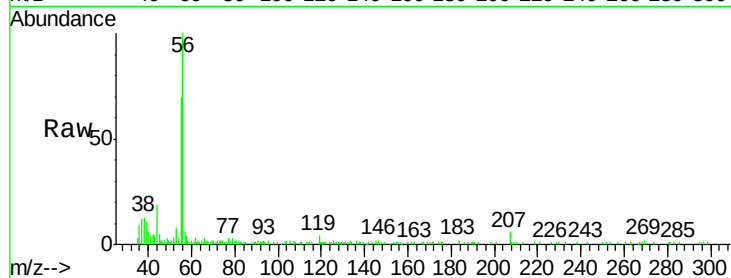
Ion Ratio Lower Upper

56 100

55 75.5 58.2 87.4

Manual Integrations  
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8/19/2020 8:53:35 AM



#14

Allyl chloride

Concen: 4.460 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

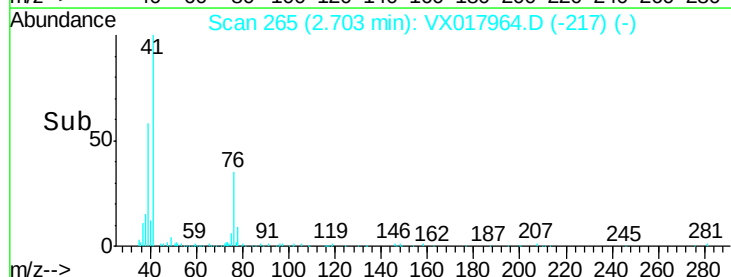
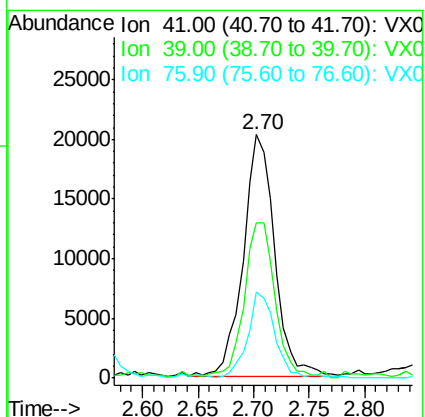
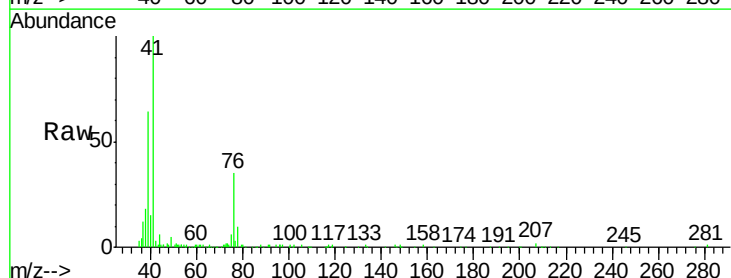
Tgt Ion: 41 Resp: 39758

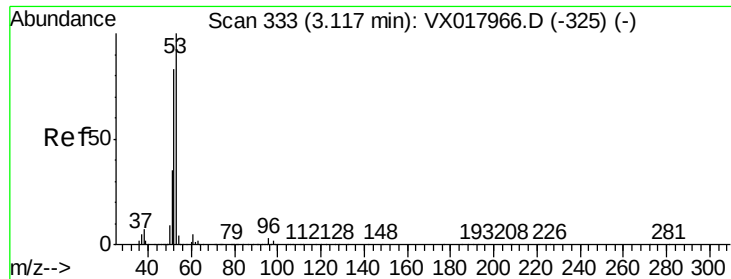
Ion Ratio Lower Upper

41 100

39 61.3 51.7 77.5

76 31.6 26.3 39.5





#15

Acrylonitrile

Concen: 24.552 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA\_X

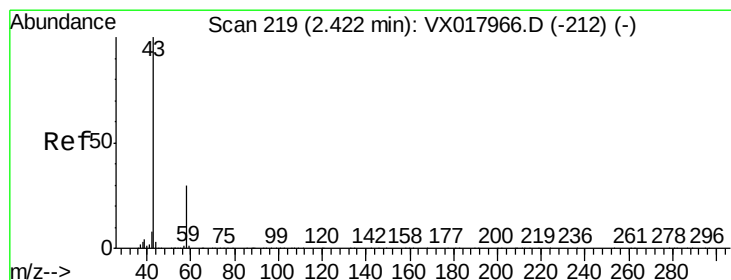
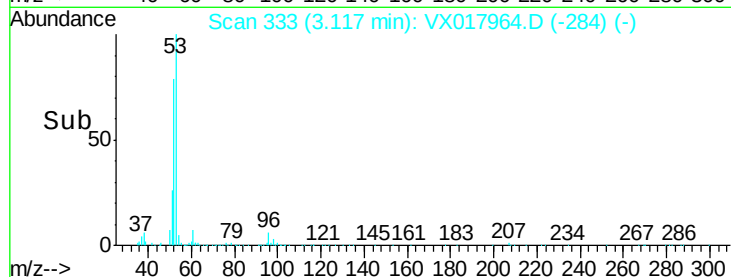
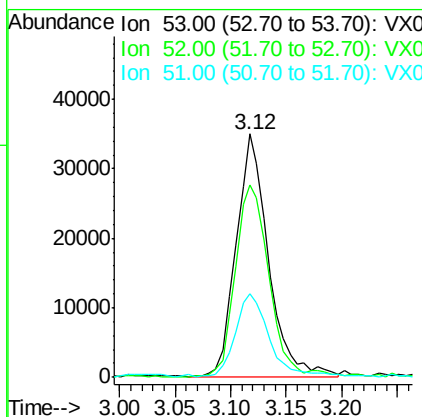
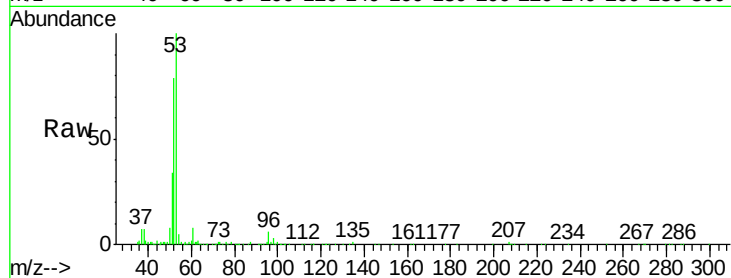
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 53    | Resp: | 69953 |
| Ion Ratio | Lower | Upper |       |
| 53        | 100   |       |       |
| 52        | 83.9  | 67.1  | 100.7 |
| 51        | 35.8  | 29.2  | 43.8  |

Manual Integrations  
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#16

Acetone

Concen: 23.053 ug/l

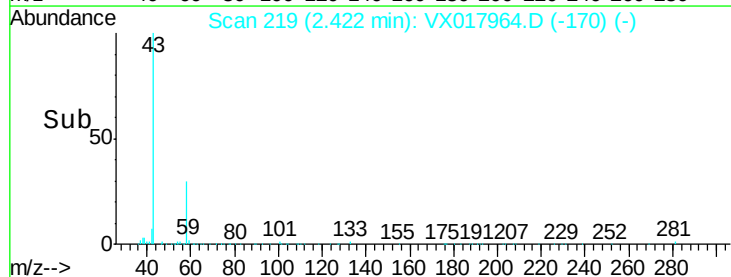
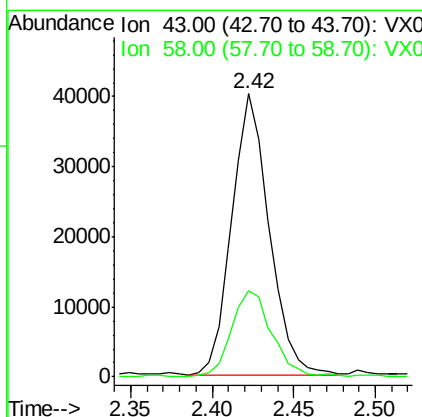
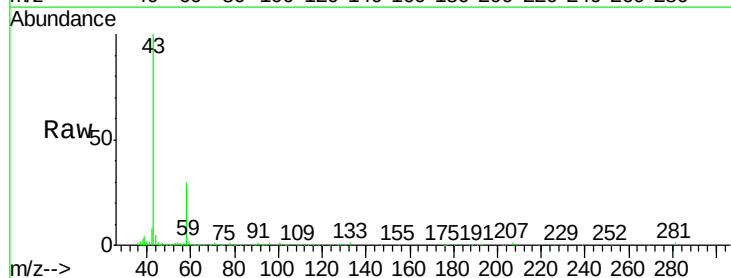
RT: 2.42 min Scan# 219

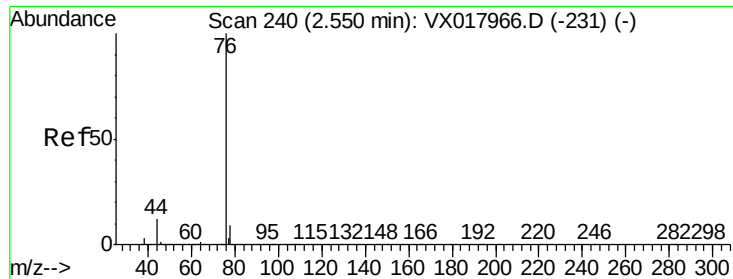
Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 64071 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 30.4  | 23.8  | 35.8  |





#17

Carbon Disulfide

Concen: 3.108 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 45911

Ion Ratio Lower Upper

76 100

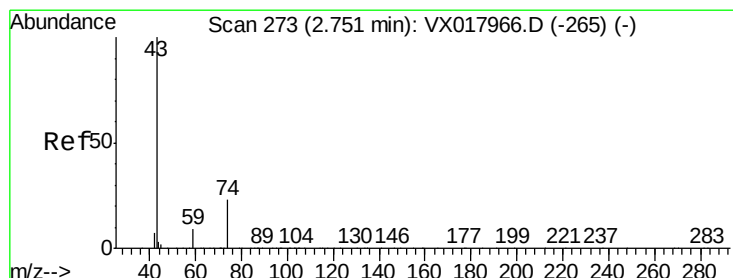
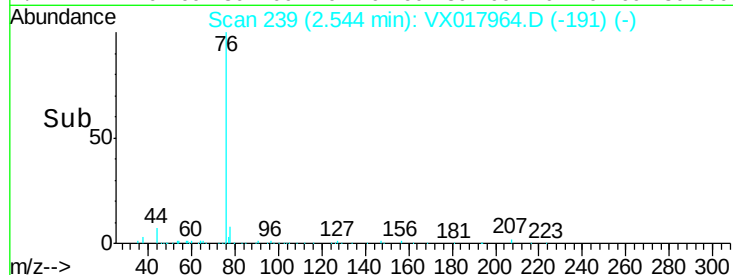
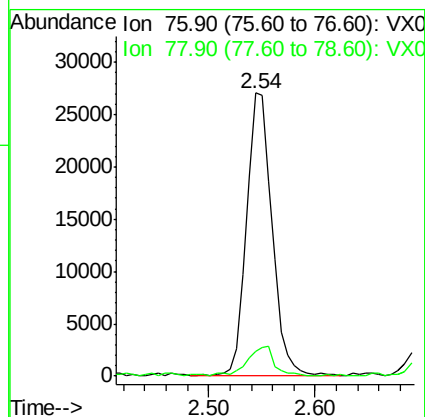
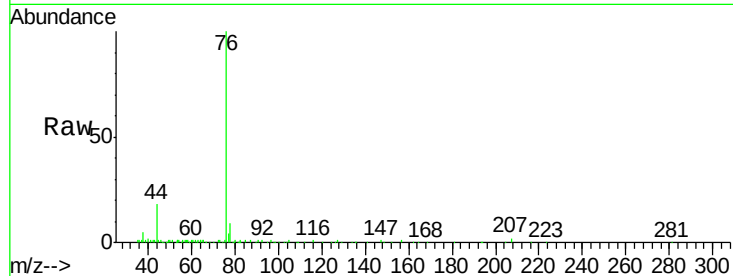
78 8.4 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 4.852 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017964.D

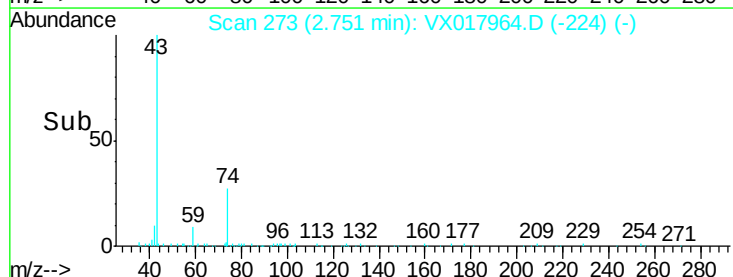
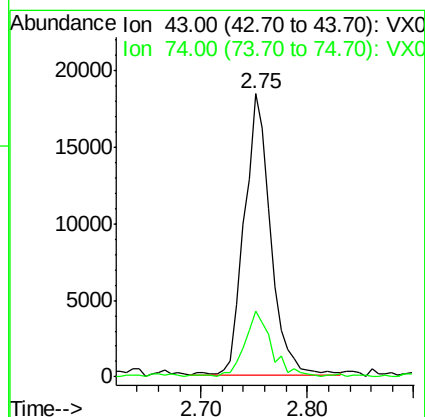
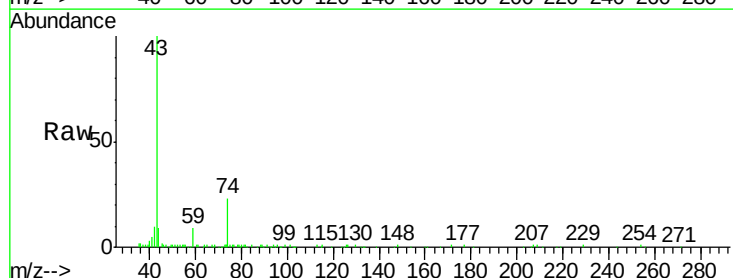
Acq: 18 Aug 2020 18:12

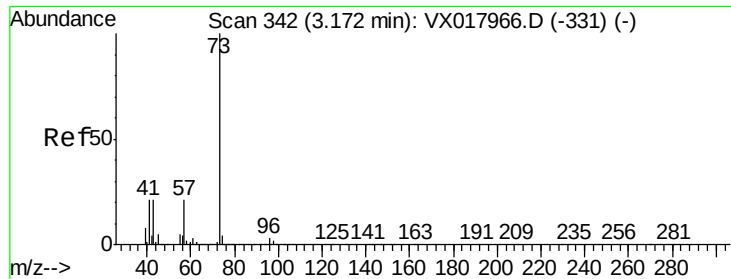
Tgt Ion: 43 Resp: 31672

Ion Ratio Lower Upper

43 100

74 24.3 19.7 29.5





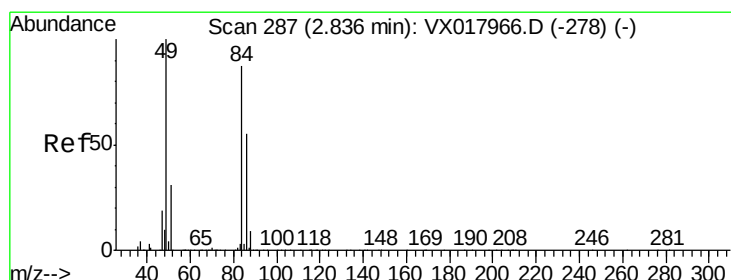
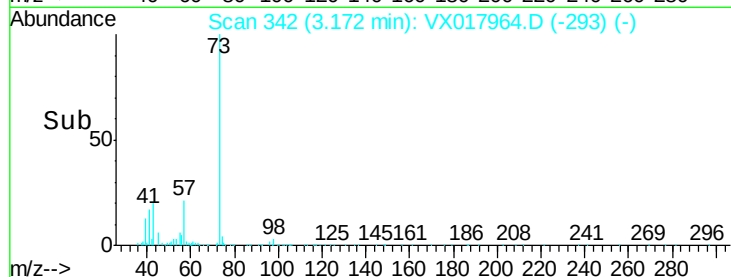
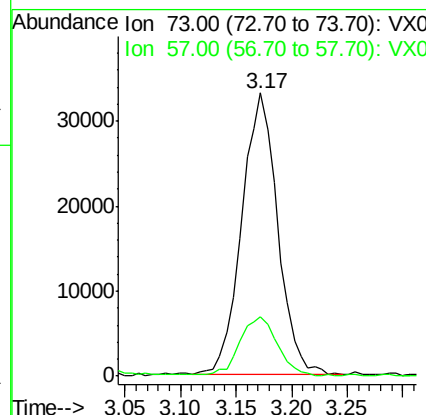
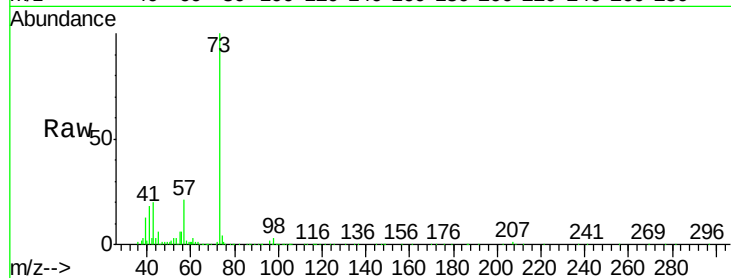
#19  
Methyl tert-butyl Ether  
Concen: 4.273 ug/l  
RT: 3.17 min Scan# 342  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.1  | 16.9  | 25.3  |

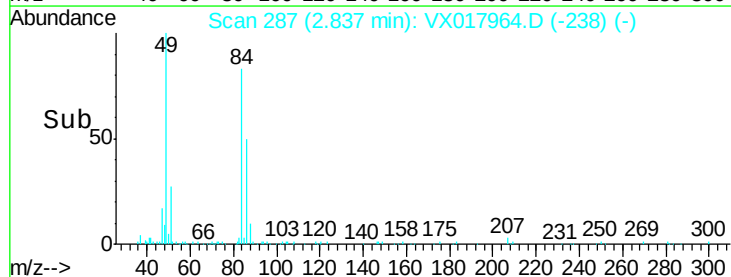
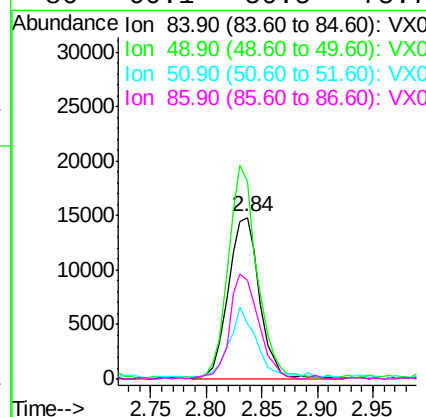
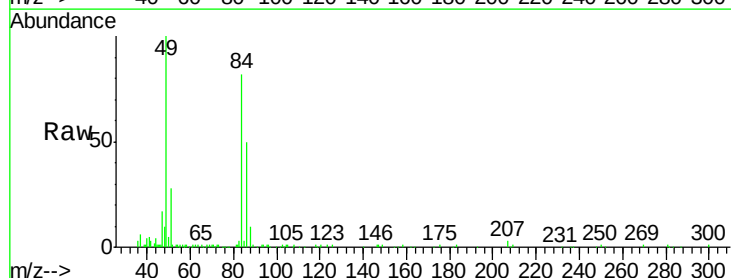
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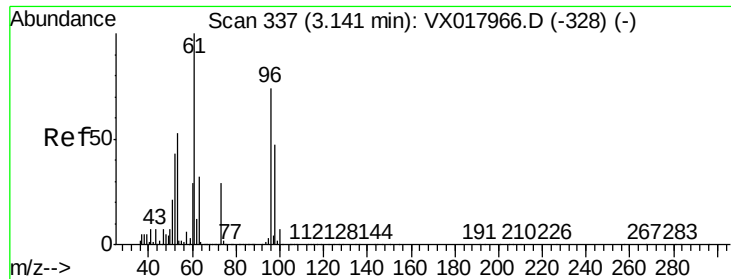
MMDadoda  
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#20  
Methylene Chloride  
Concen: 4.869 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 121.3 | 91.8  | 137.6 |
| 51      | 32.8  | 27.8  | 41.8  |
| 86      | 60.1  | 50.5  | 75.7  |





#21

trans-1,2-Dichloroethene

Concen: 4.351 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA\_X

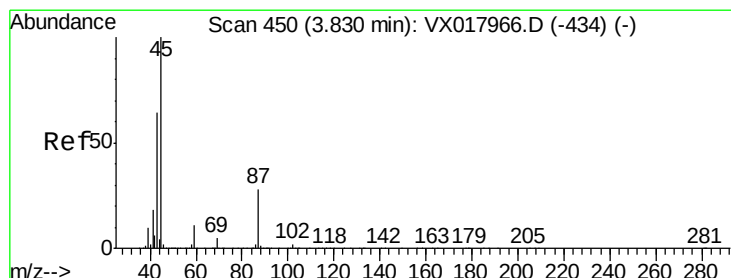
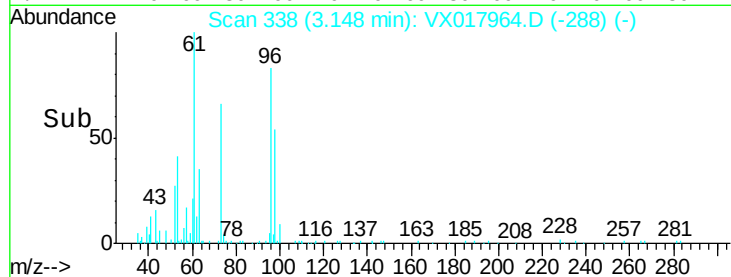
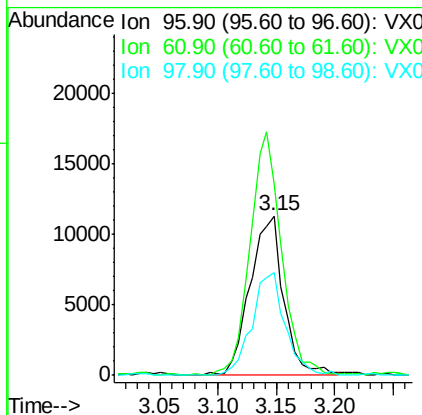
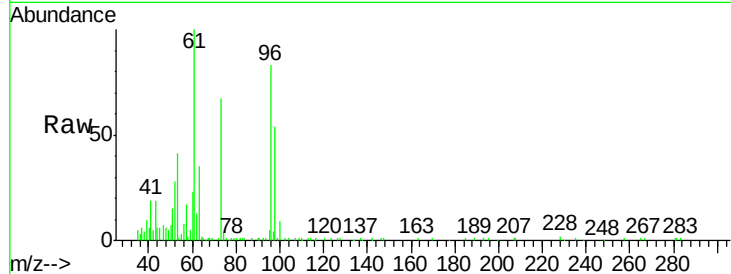
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 22913 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 120.0 | 108.6 | 163.0 |
| 98       | 64.6  | 51.4  | 77.0  |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 4.477 ug/l

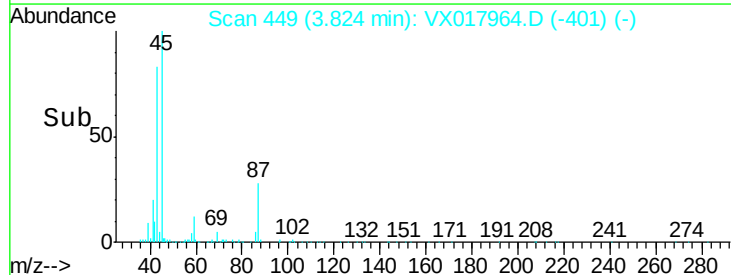
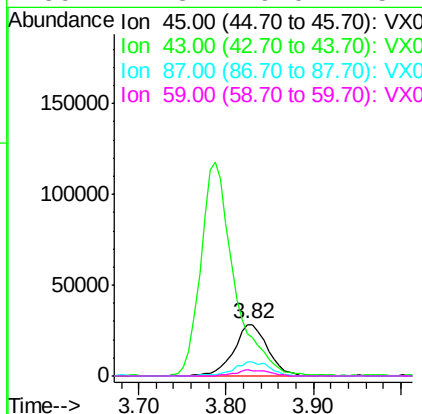
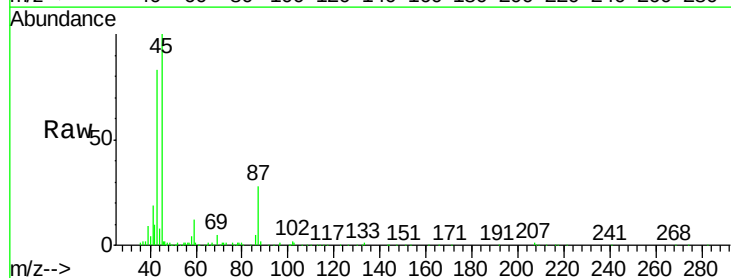
RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

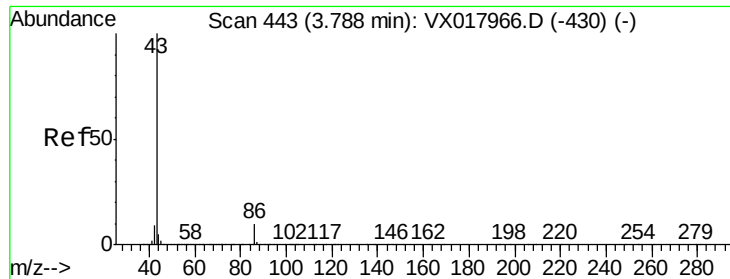
Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 75814 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 82.4  | 51.5  | 77.3# |
| 87       | 27.9  | 22.6  | 33.8  |
| 59       | 11.3  | 9.0   | 13.4  |







#23

Vinyl Acetate

Concen: 21.400 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 311933

Ion Ratio Lower Upper

43 100

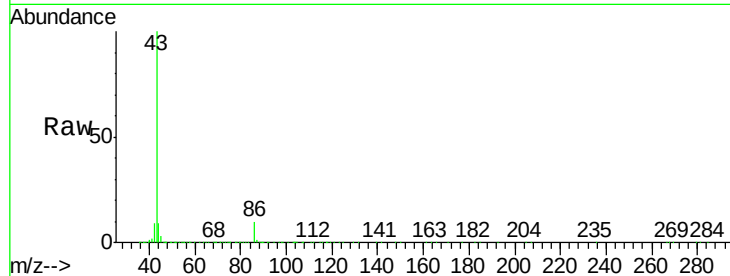
86 9.8 8.1 12.1

Manual Integrations

APPROVED

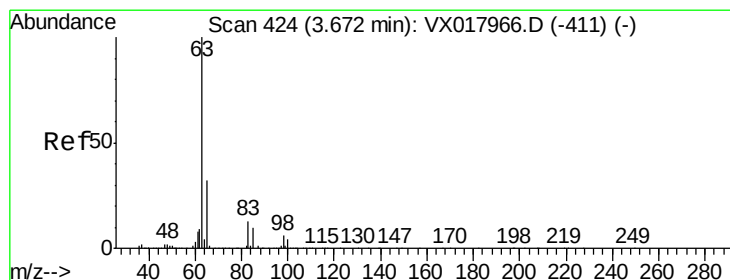
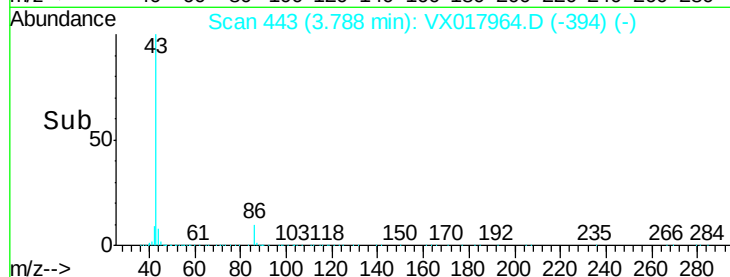
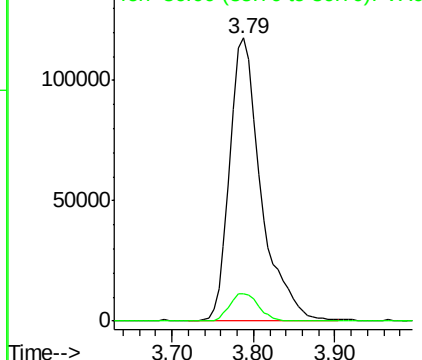
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 4.994 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

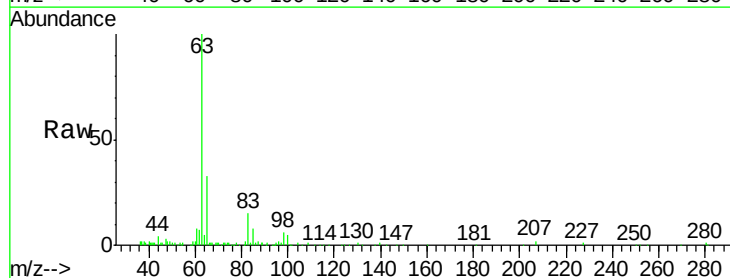
Tgt Ion: 63 Resp: 48414

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.0

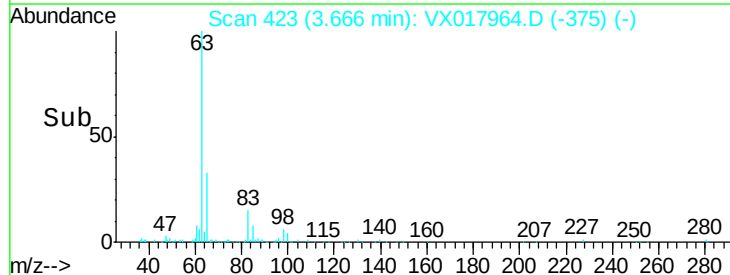
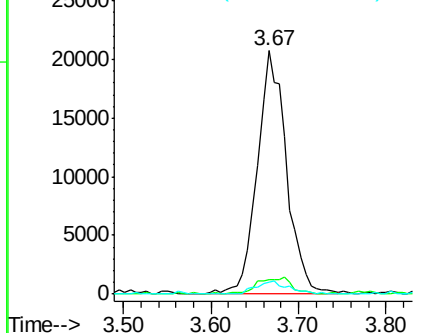
100 4.7 2.0 5.8

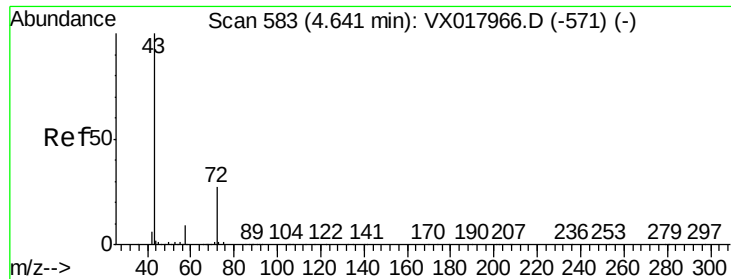


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





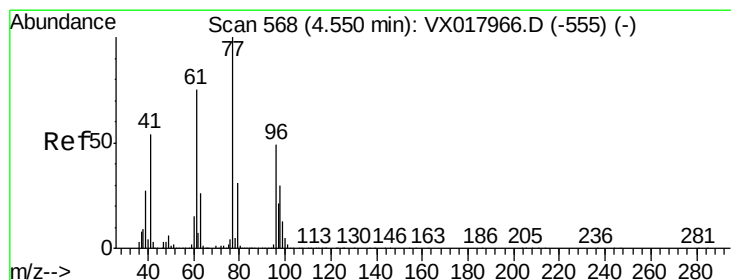
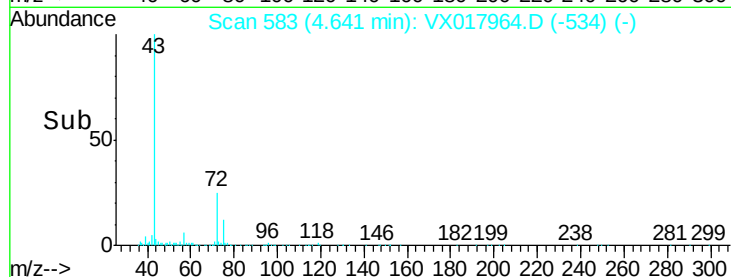
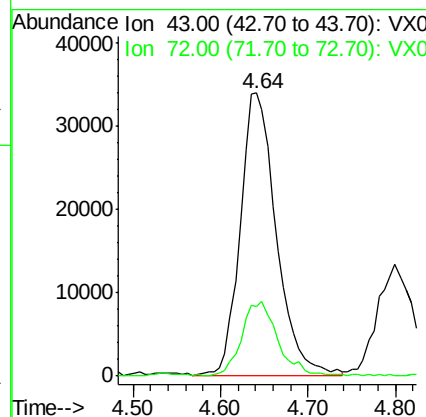
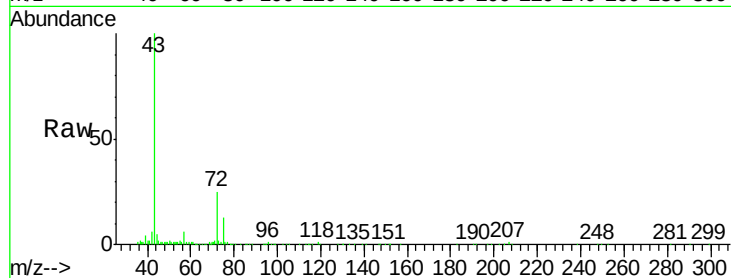
#25  
2-Butanone  
Concen: 24.391 ug/l  
RT: 4.64 min Scan# 583  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 72      | 24.0  | 21.4  | 32.2  |

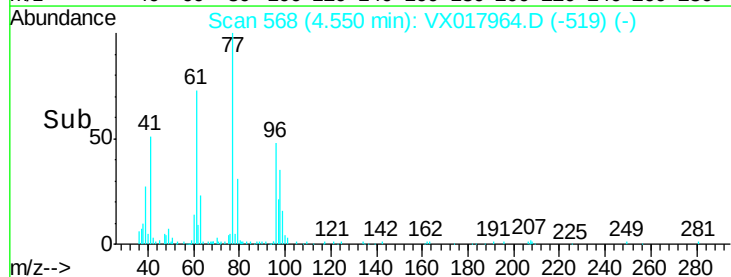
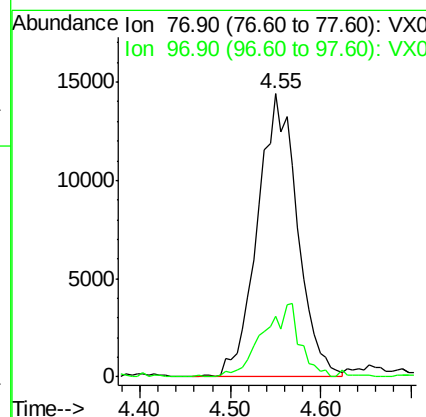
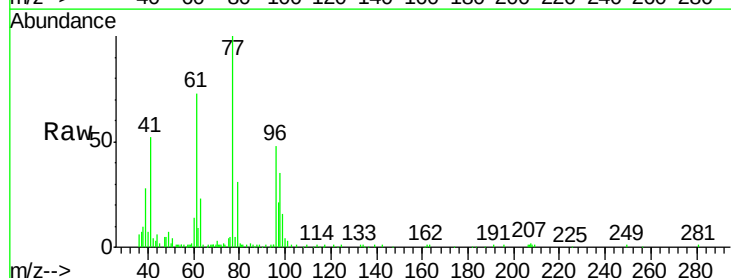
Manual Integrations  
APPROVED

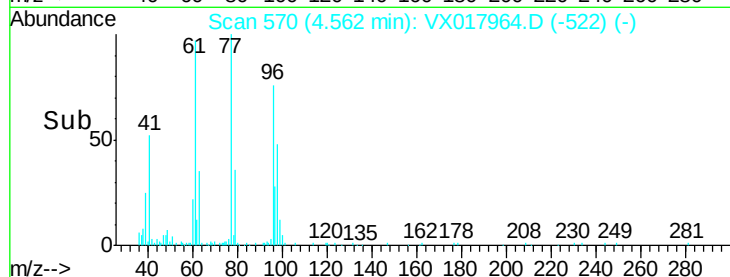
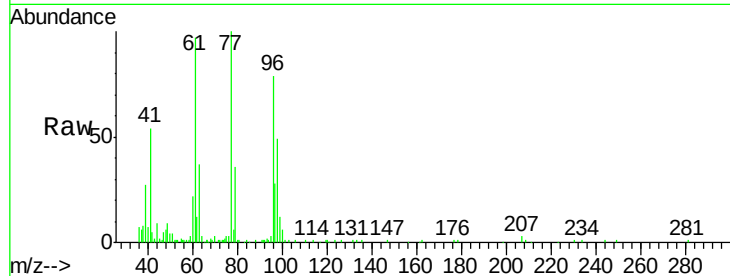
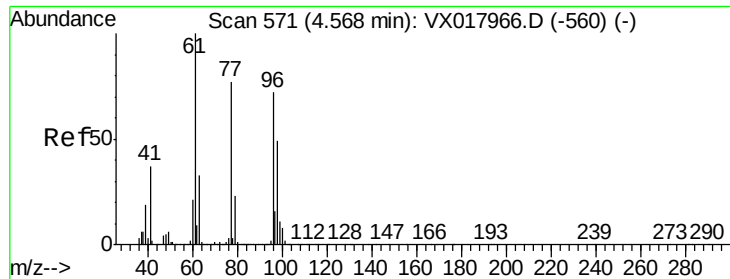
MMDadoda  
8/19/2020 8:53:35 AM



#26  
2,2-Dichloropropane  
Concen: 5.043 ug/l  
RT: 4.55 min Scan# 568  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 97      | 24.1  | 10.9  | 32.9  |





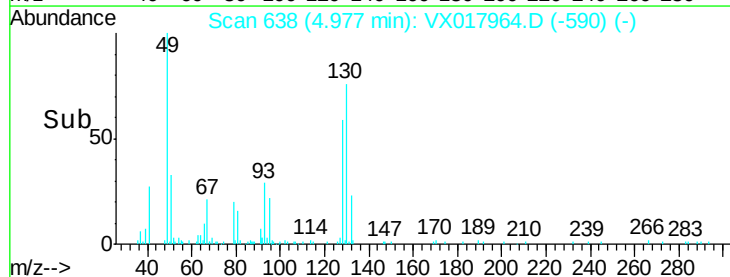
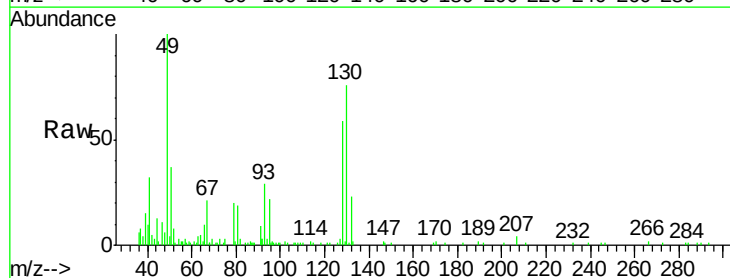
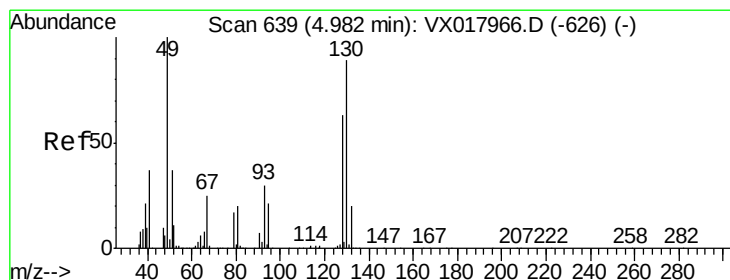
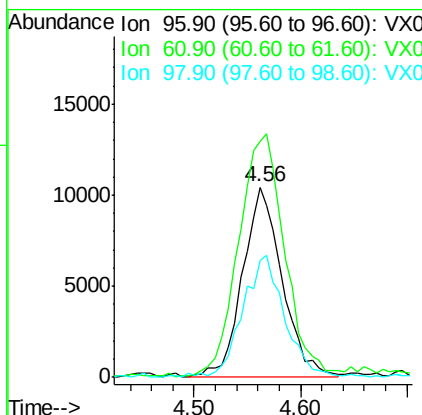
#27  
 cis-1,2-Dichloroethene  
 Concen: 4.673 ug/l  
 RT: 4.56 min Scan# 570  
 Delta R.T. -0.01 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 27317 |       |       |
| 61      | 145.9 | 0.0   | 298.8 |       |
| 98      | 67.9  | 0.0   | 130.2 |       |

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

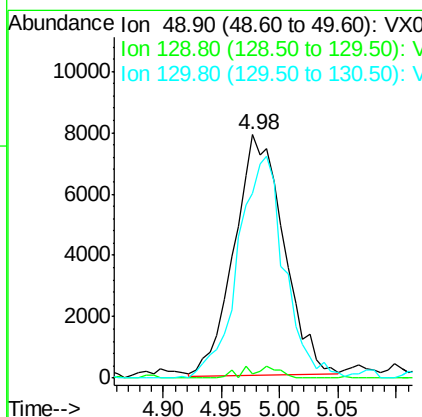
Manual Integrations  
 APPROVED

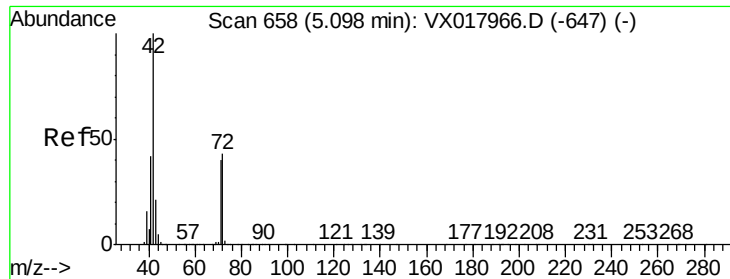
MMDadoda  
 8/19/2020 8:53:35 AM



#28  
 Bromochloromethane  
 Concen: 5.216 ug/l  
 RT: 4.98 min Scan# 638  
 Delta R.T. -0.01 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 23277 |       |       |
| 129     | 3.3   | 0.0   | 3.6   |       |
| 130     | 86.3  | 68.5  | 102.7 |       |





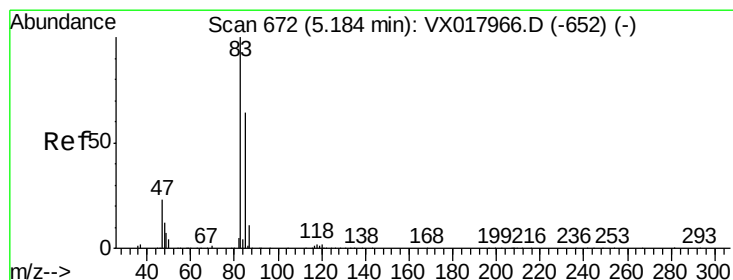
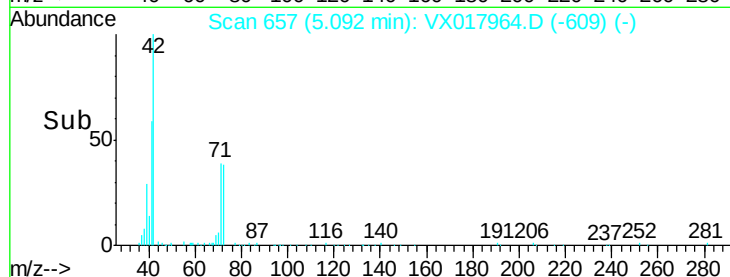
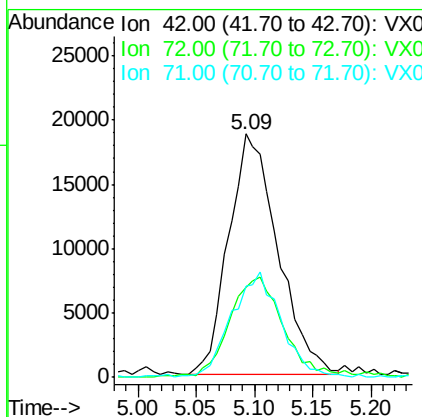
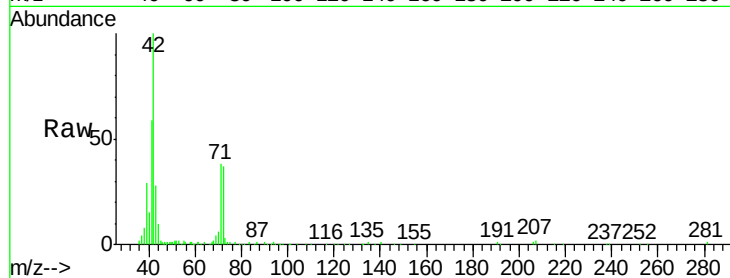
#29  
Tetrahydrofuran  
Concen: 22.256 ug/l  
RT: 5.09 min Scan# 657  
Delta R.T. -0.01 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 42    | Resp: | 55089 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 46.2  | 35.9  | 53.9  |
| 71       | 43.1  | 33.0  | 49.4  |

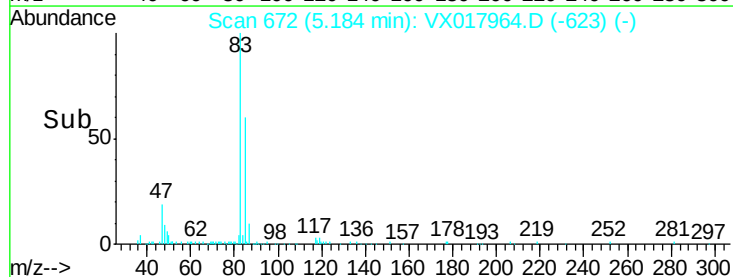
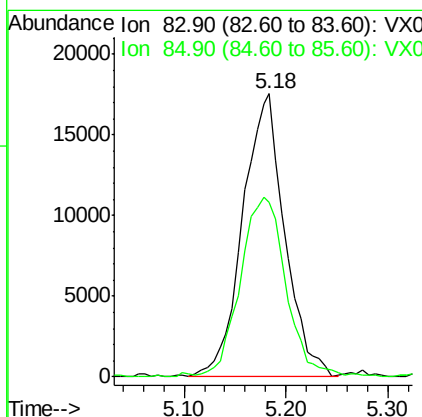
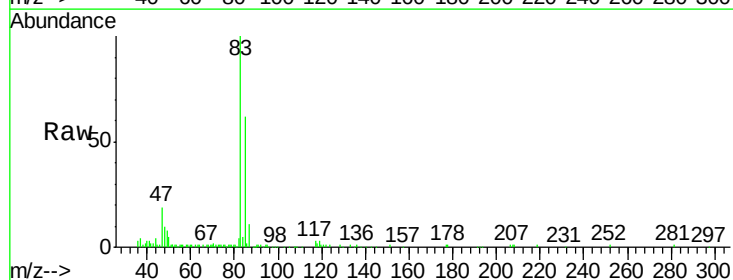
Manual Integrations  
APPROVED

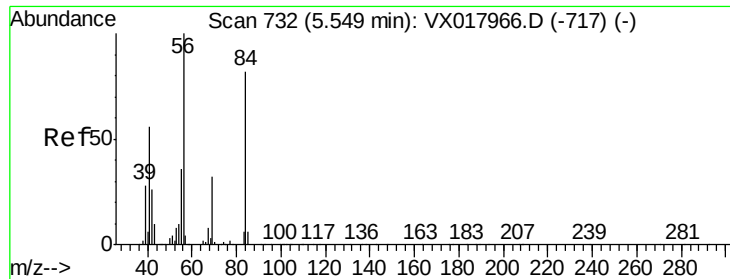
MMDadoda  
8/19/2020 8:53:35 AM



#30  
Chloroform  
Concen: 5.036 ug/l  
RT: 5.18 min Scan# 672  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 50310 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 61.0  | 51.3  | 76.9  |





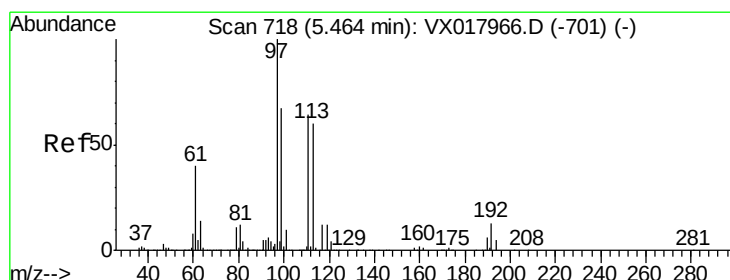
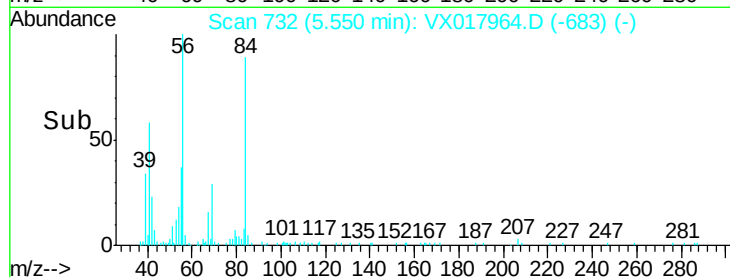
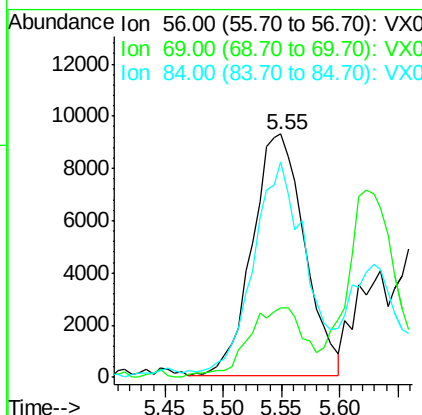
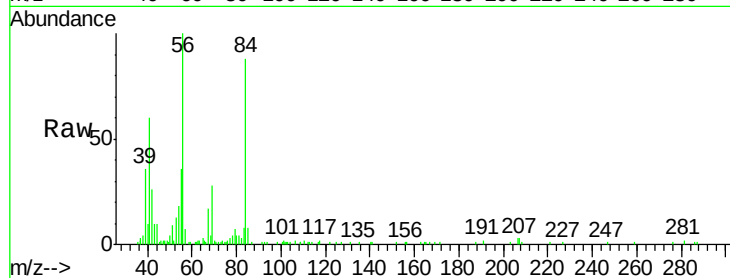
#31  
Cyclohexane  
Concen: 3.686 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 27.8  | 25.3  | 37.9  |
| 84      | 87.7  | 65.3  | 97.9  |

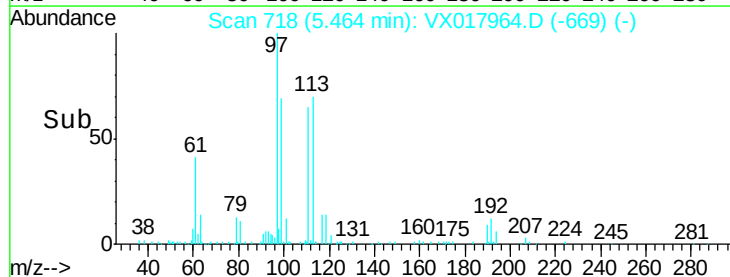
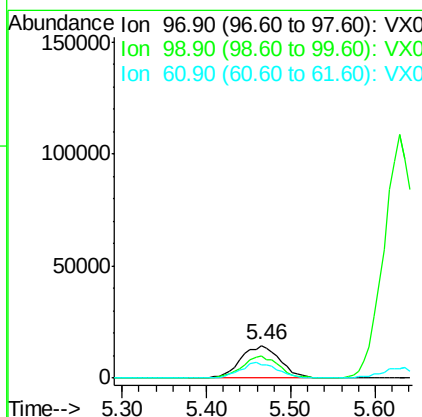
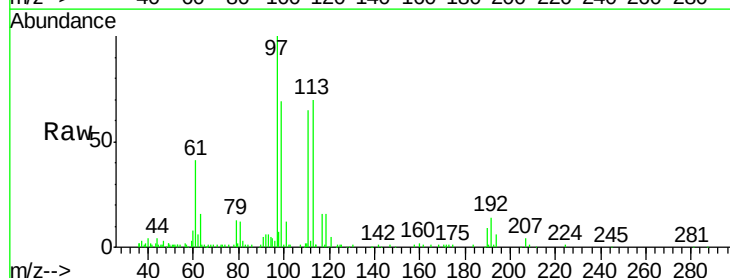
Manual Integrations  
APPROVED

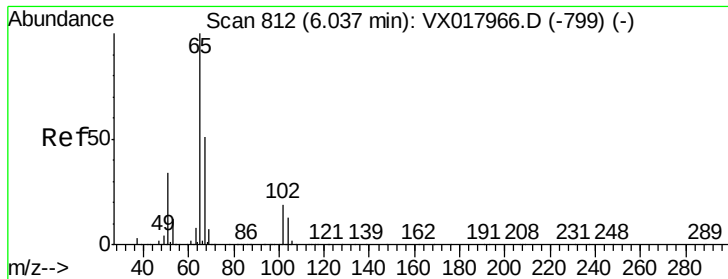
MMDadoda  
8/19/2020 8:53:35 AM



#32  
1,1,1-Trichloroethane  
Concen: 4.870 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.6  | 51.4  | 77.0  |
| 61      | 44.5  | 33.7  | 50.5  |





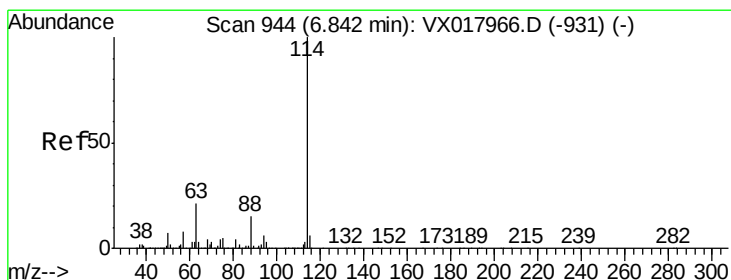
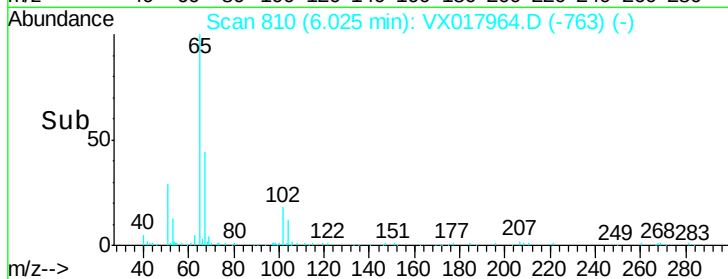
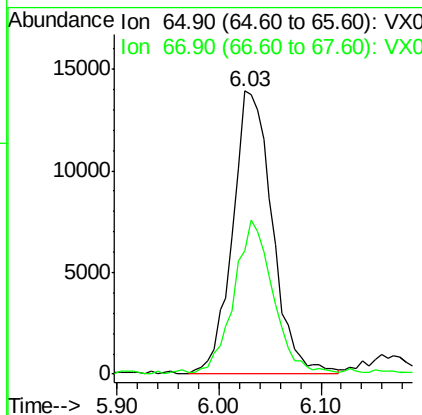
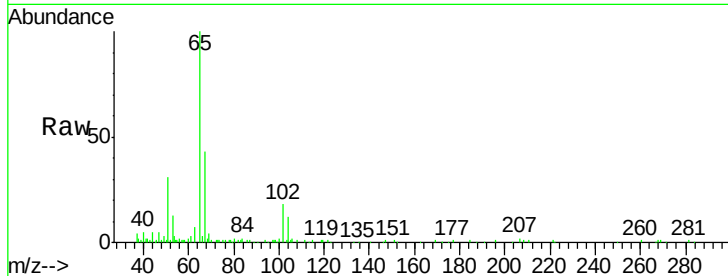
#33  
 1,2-Dichloroethane-d4  
 Concen: 5.927 ug/l  
 RT: 6.03 min Scan# 810  
 Delta R.T. -0.01 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 37598 |       |       |
| 67      | 51.7  | 0.0   | 103.0 |       |

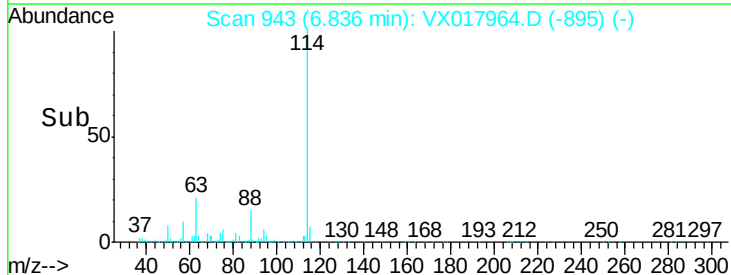
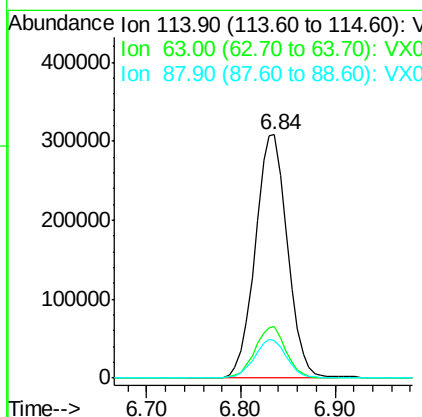
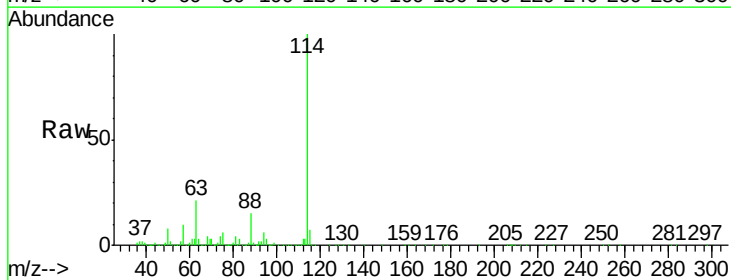
Manual Integrations  
 APPROVED

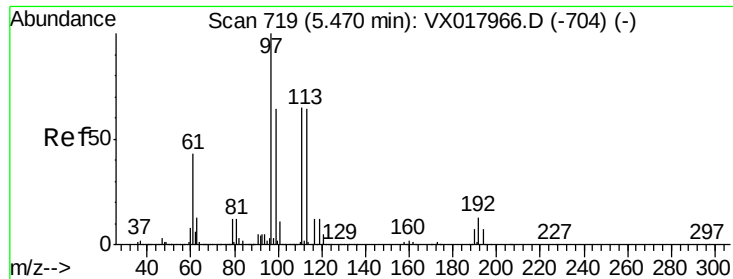
MMDadoda  
 8/19/2020 8:53:35 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.84 min Scan# 943  
 Delta R.T. -0.01 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 740232 |       |       |
| 63      | 20.9  | 0.0    | 42.6  |       |
| 88      | 15.3  | 0.0    | 30.2  |       |





#35

Dibromofluoromethane

Concen: 5.769 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA\_X

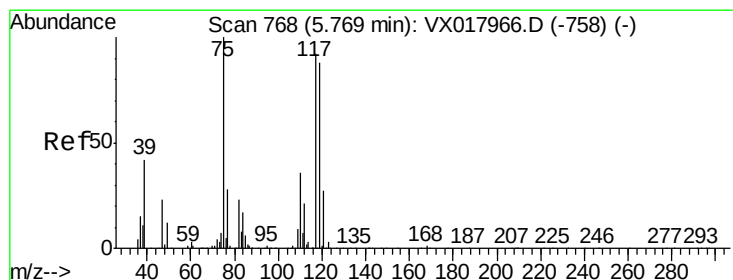
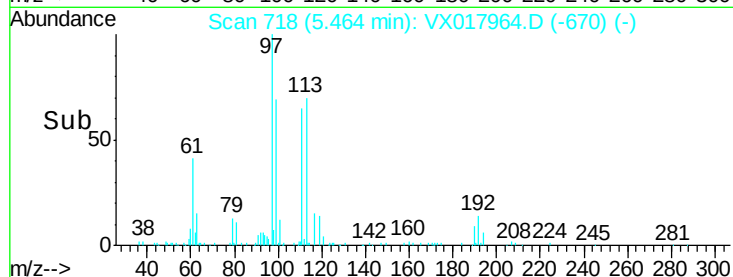
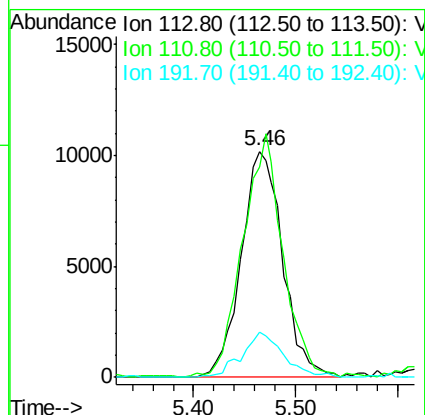
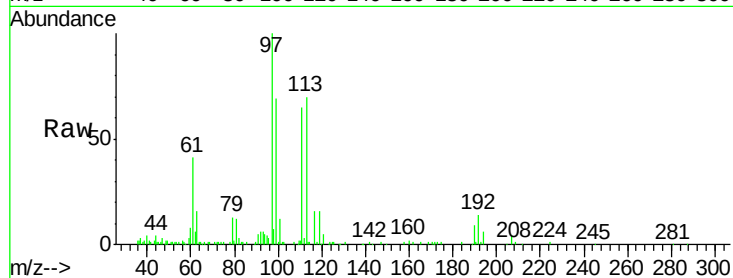
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 28713 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 104.6 | 83.5  | 125.3 |
| 192       | 20.2  | 16.2  | 24.4  |

Manual Integrations  
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#36

1,1-Dichloropropene

Concen: 4.236 ug/l

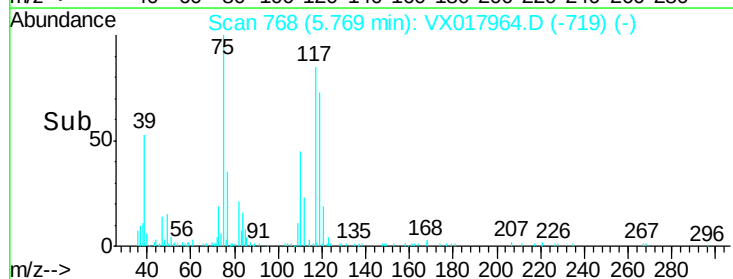
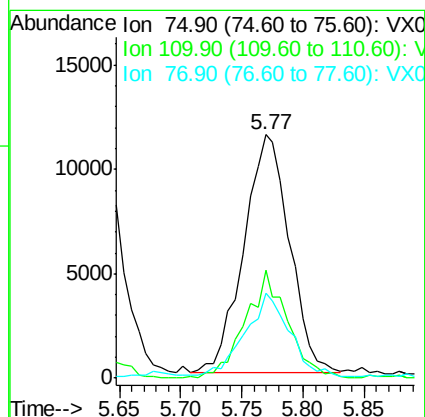
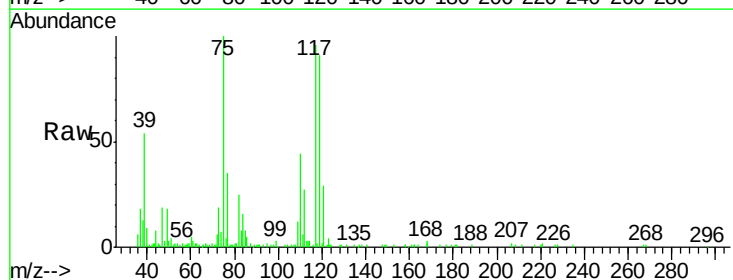
RT: 5.77 min Scan# 768

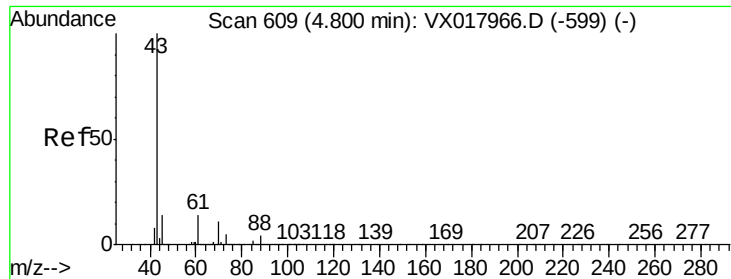
Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 29867 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 41.4  | 18.7  | 56.1  |
| 77        | 35.8  | 24.4  | 36.6  |





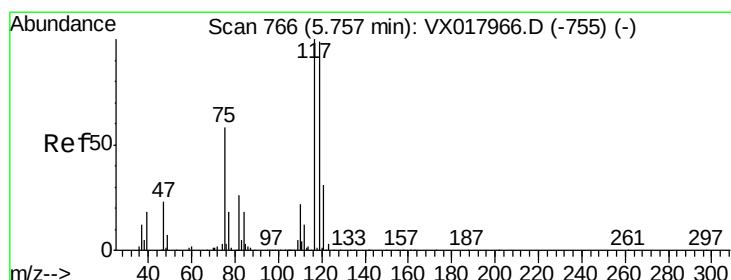
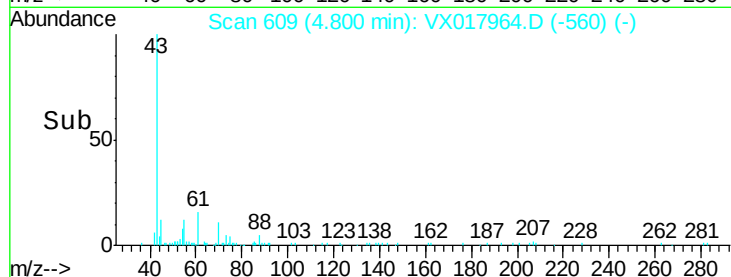
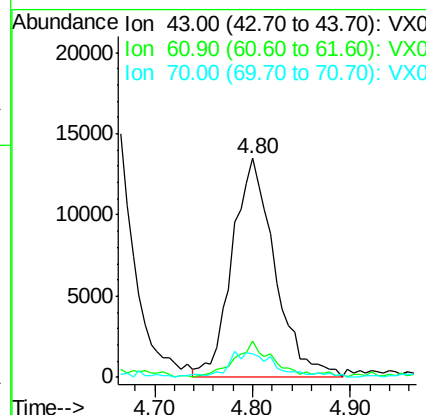
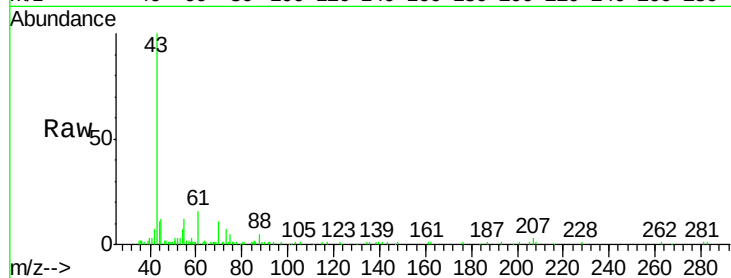
#37  
Ethyl Acetate  
Concen: 5.385 ug/l  
RT: 4.80 min Scan# 609  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 40860 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.4  | 11.3  | 16.9  |
| 70       | 10.7  | 8.5   | 12.7  |

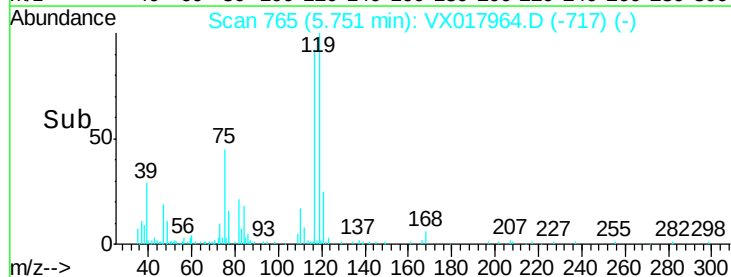
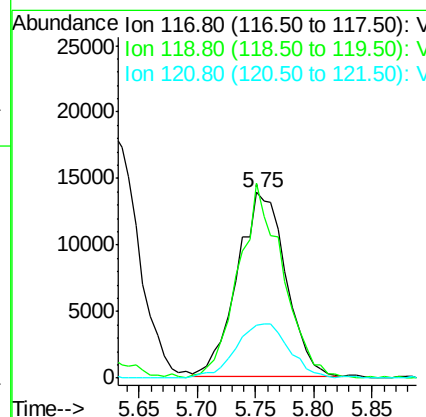
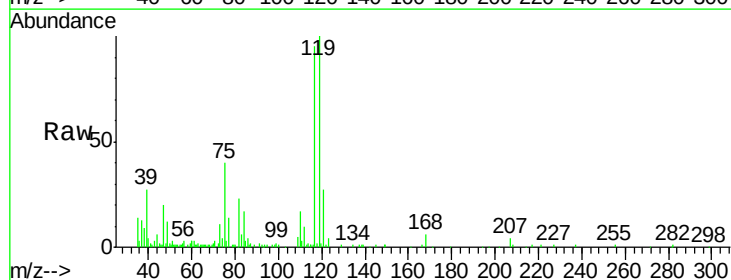
Manual Integrations  
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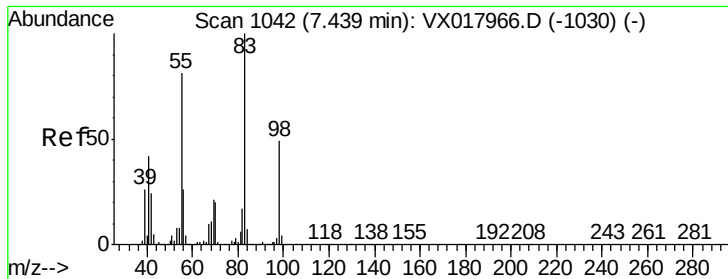


#38  
Carbon Tetrachloride  
Concen: 4.636 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.01 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 40112 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 105.0 | 79.0  | 118.6 |
| 121      | 27.8  | 24.7  | 37.1  |







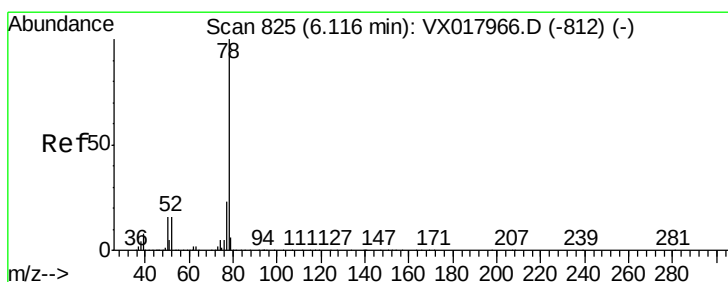
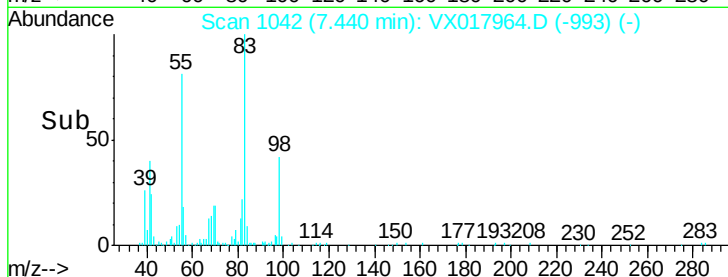
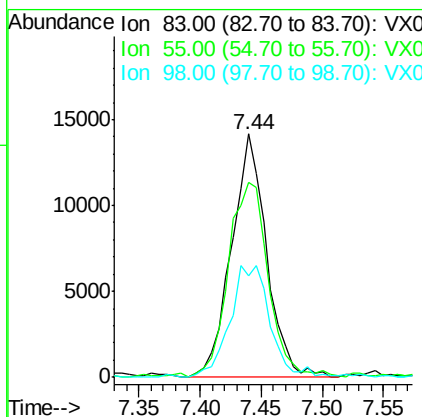
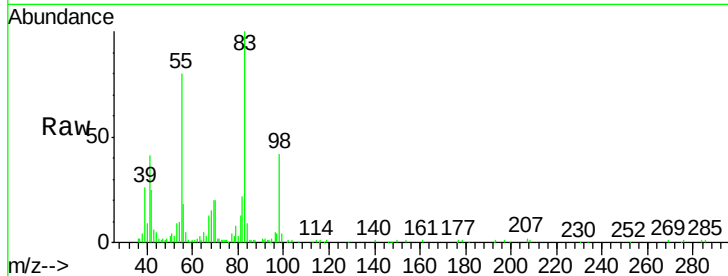
#39  
Methylvlcyclohexane  
Concen: 3.389 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 80.2  | 64.5  | 96.7  |
| 98      | 41.9  | 39.0  | 58.6  |

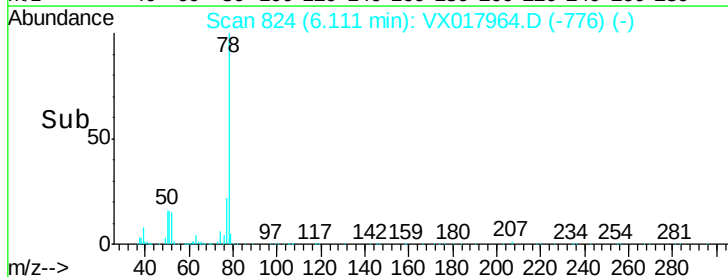
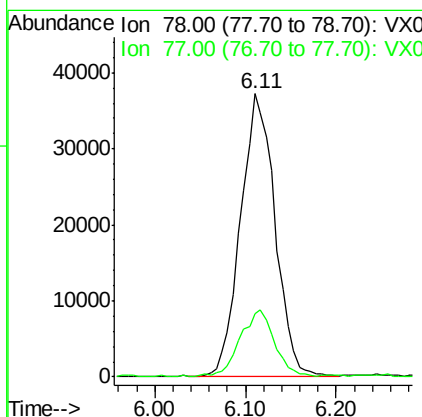
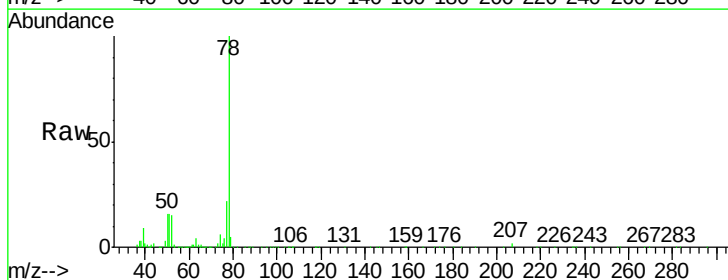
Manual Integrations  
APPROVED

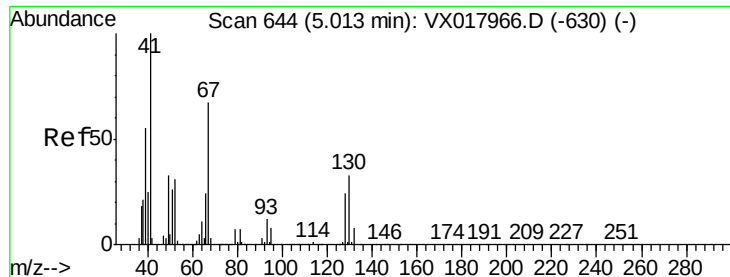
MMDadoda  
8/19/2020 8:53:35 AM



#40  
Benzene  
Concen: 4.874 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.1  | 18.8  | 28.2  |





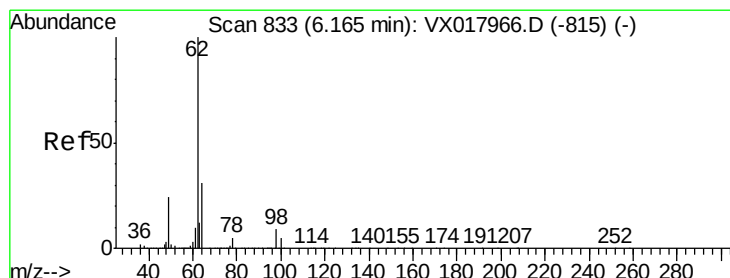
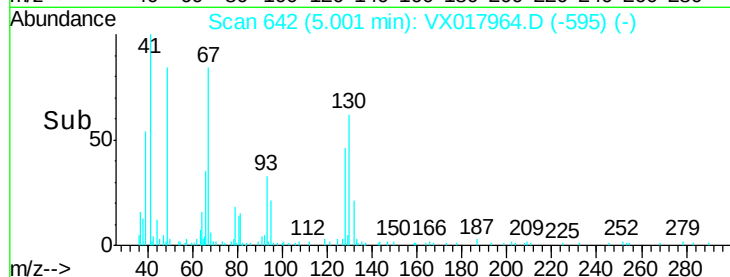
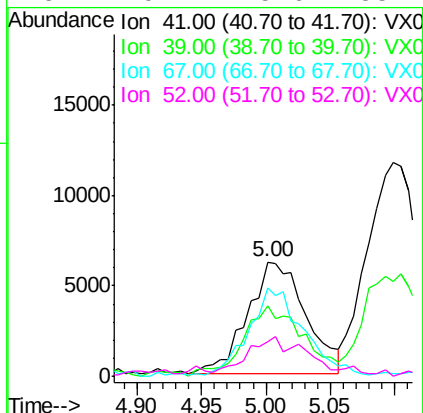
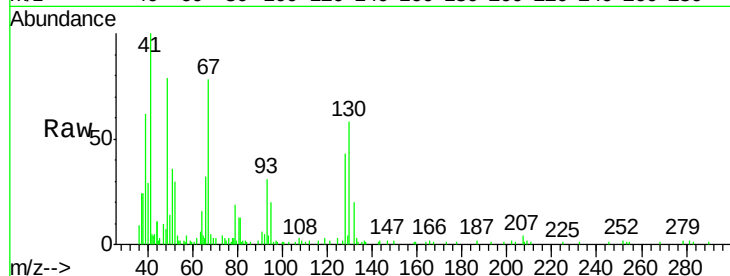
#41  
Methacrylonitrile  
Concen: 4.366 ug/l  
RT: 5.00 min Scan# 642  
Delta R.T. -0.01 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 65.1  | 44.8  | 67.2  |
| 67      | 72.4  | 57.5  | 86.3  |
| 52      | 29.1  | 25.6  | 38.4  |

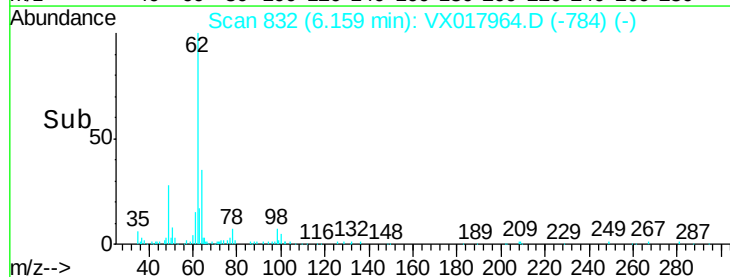
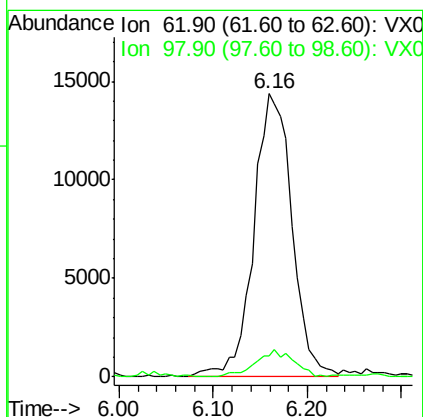
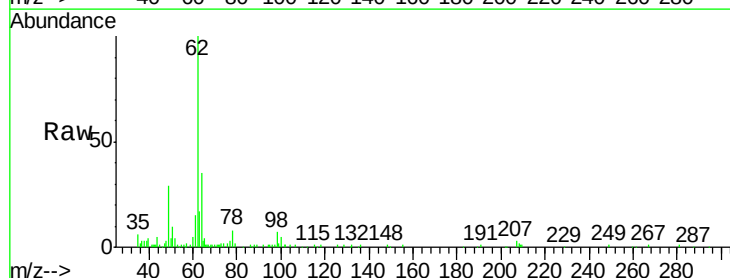
Manual Integrations  
APPROVED

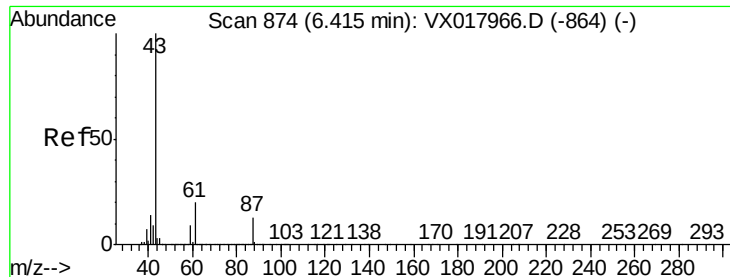
MMDadoda  
8/19/2020 8:53:35 AM



#42  
1,2-Dichloroethane  
Concen: 4.954 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.5   | 0.0   | 17.2  |





#43

Isopropyl Acetate

Concen: 4.613 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA\_X

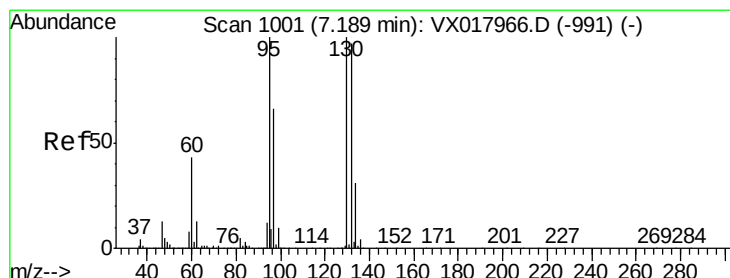
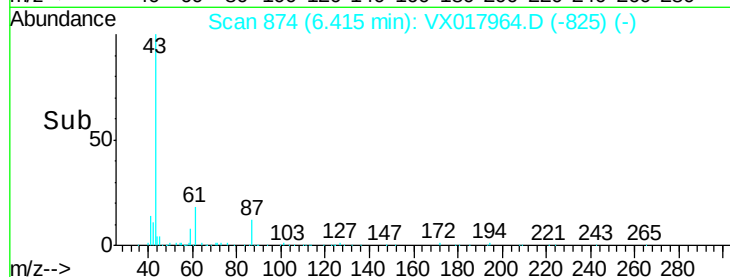
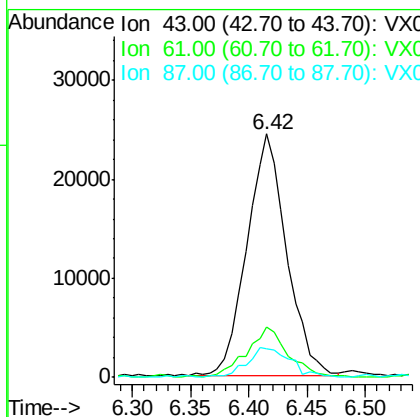
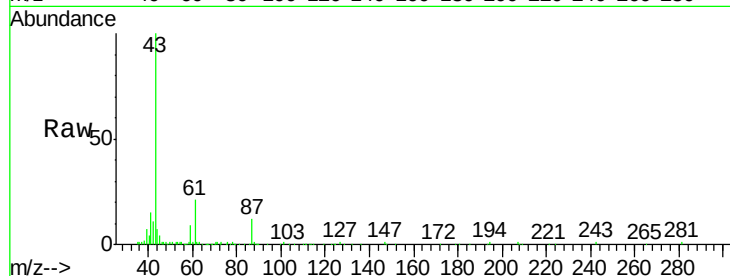
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 57272 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 22.3  | 16.2  | 24.4  |
| 87       | 13.7  | 10.8  | 16.2  |

Manual Integrations  
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MMDadoda  
8/19/2020 8:53:35 AM



#44

Trichloroethene

Concen: 4.730 ug/l

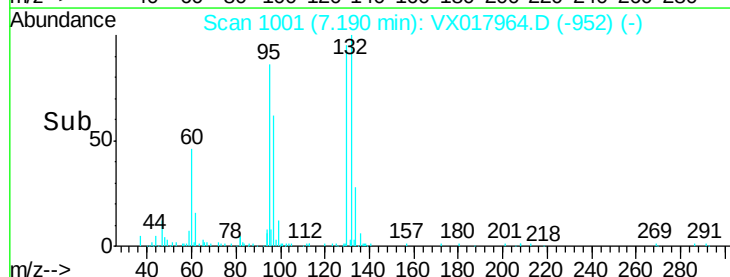
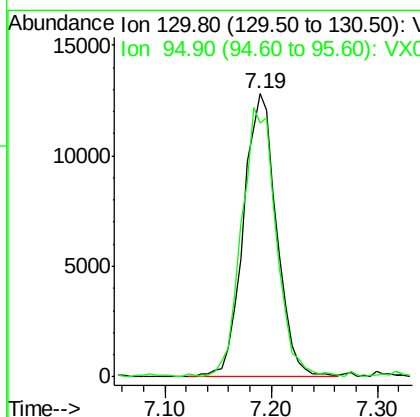
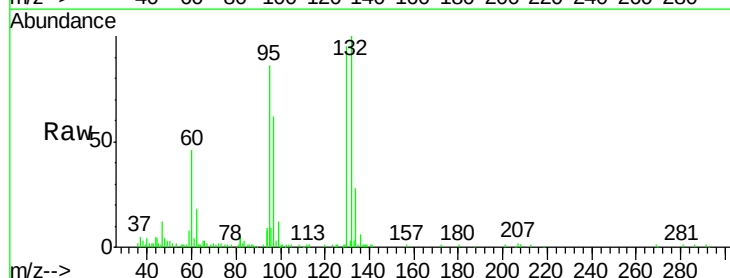
RT: 7.19 min Scan# 1001

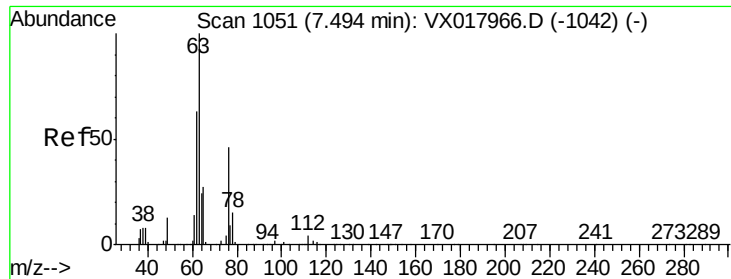
Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 28057 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 89.2  | 0.0   | 200.6 |





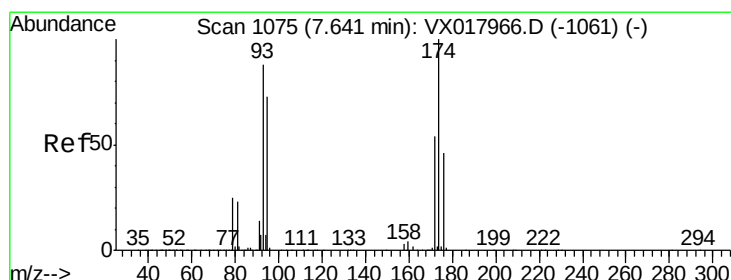
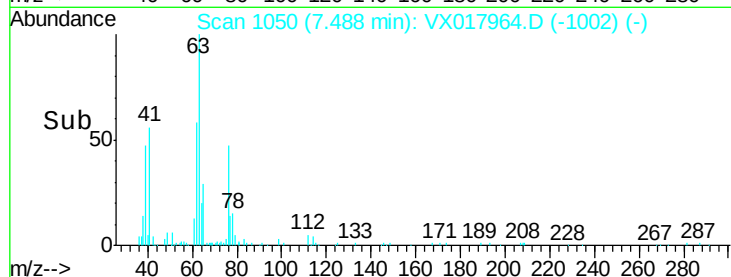
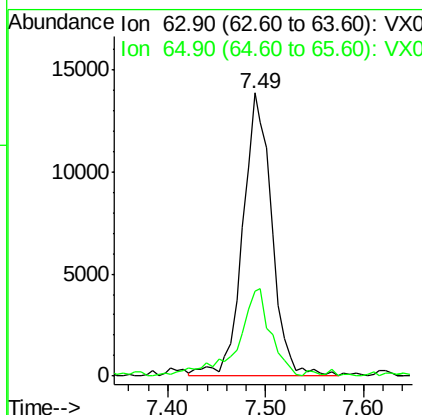
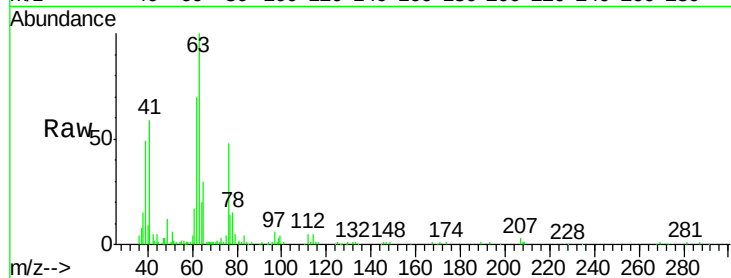
#45  
 1,2-Dichloropropane  
 Concen: 5.026 ug/l  
 RT: 7.49 min Scan# 1050  
 Delta R.T. -0.01 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 29.4  | 23.8  | 35.8  |

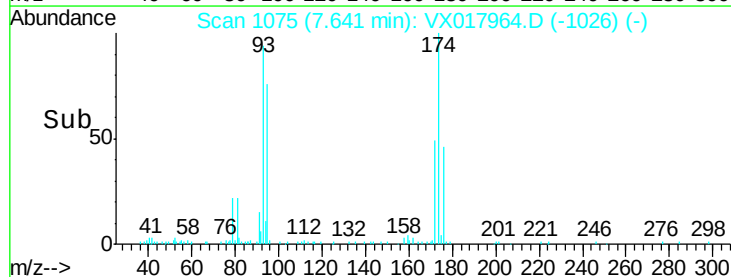
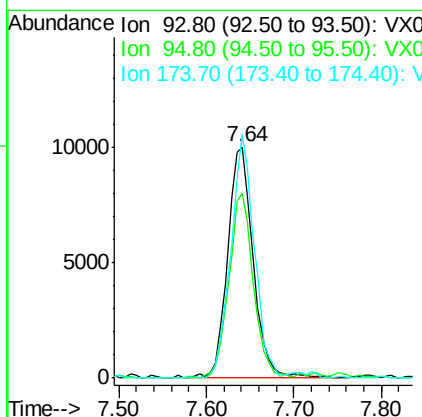
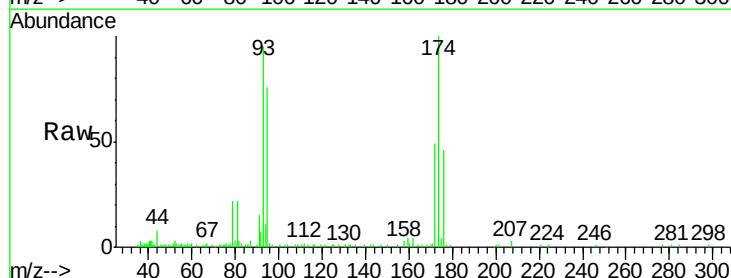
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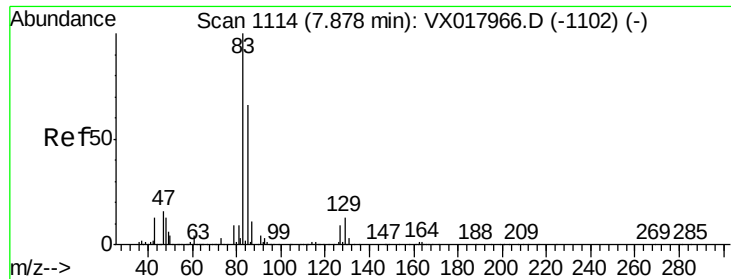
MMDadoda  
 8/19/2020 8:53:35 AM



#46  
 Dibromomethane  
 Concen: 5.089 ug/l  
 RT: 7.64 min Scan# 1075  
 Delta R.T. 0.00 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 77.3  | 66.8  | 100.2 |
| 174     | 97.1  | 88.3  | 132.5 |





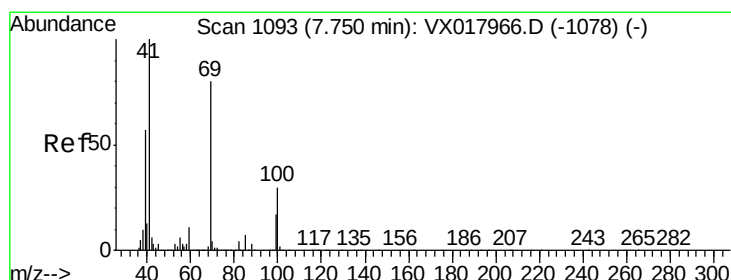
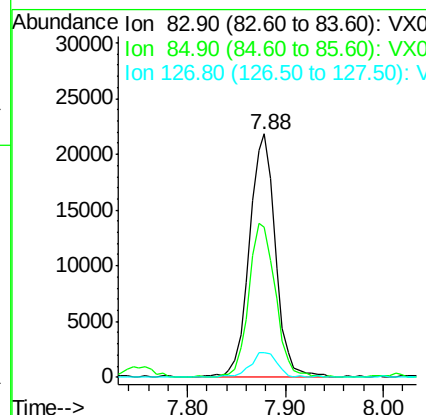
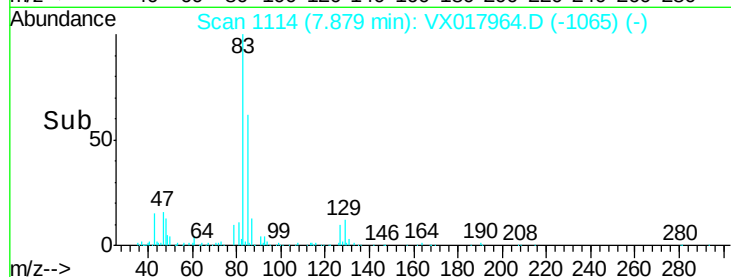
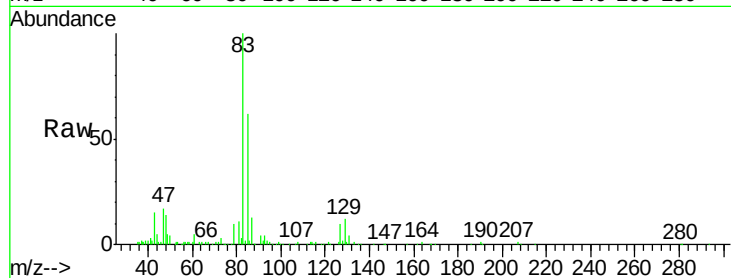
#47  
Bromodichloromethane  
Concen: 4.927 ug/l  
RT: 7.88 min Scan# 1114  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 40384 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 61.7  | 52.4  | 78.6  |
| 127      | 10.0  | 7.0   | 10.6  |

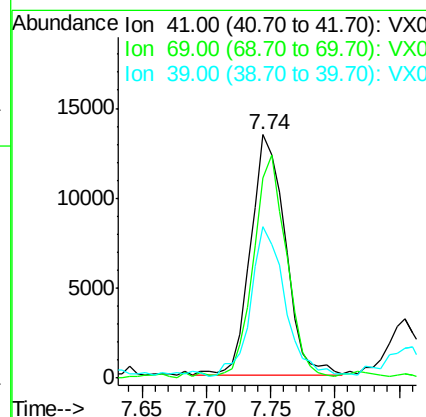
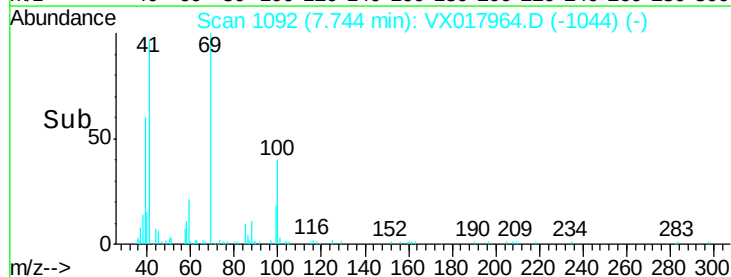
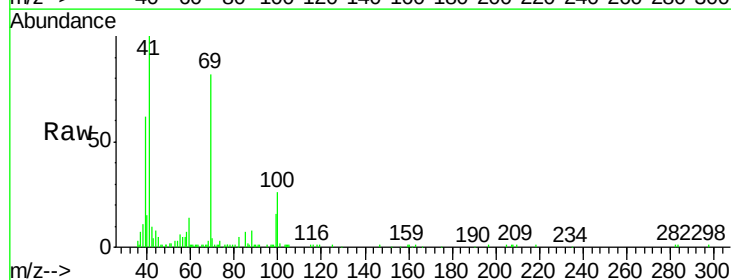
Manual Integrations  
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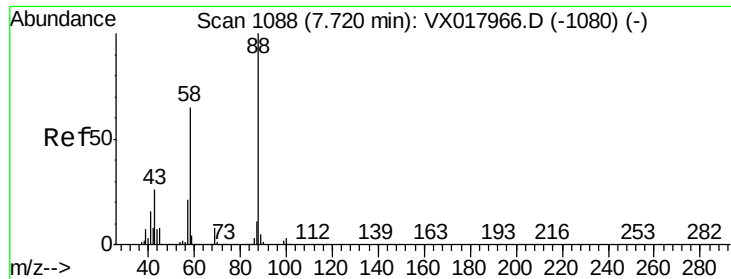
MMDadoda  
8/19/2020 8:53:35 AM



#48  
Methyl methacrylate  
Concen: 3.926 ug/l  
RT: 7.74 min Scan# 1092  
Delta R.T. -0.01 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 25069 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 85.3  | 64.3  | 96.5  |
| 39       | 60.8  | 45.3  | 67.9  |





#49

1,4-Dioxane

Concen: 86.032 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA\_X

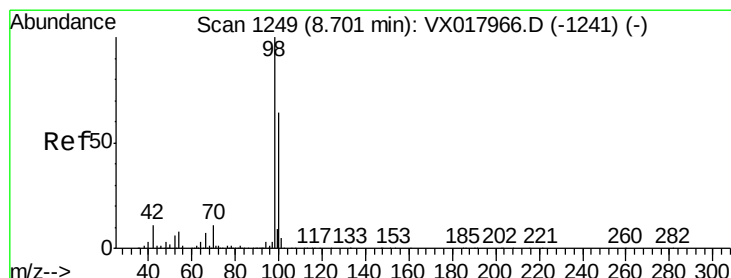
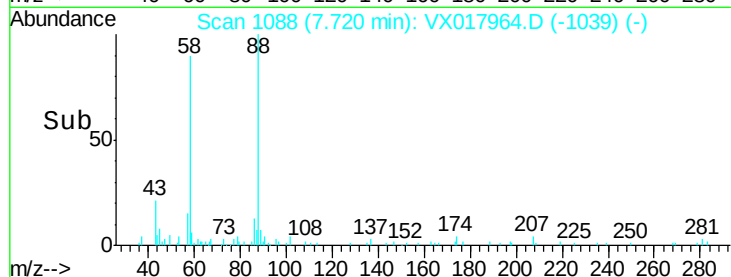
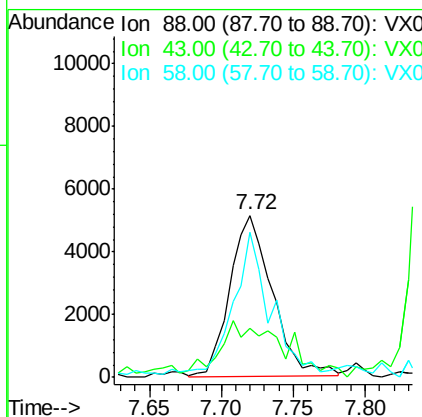
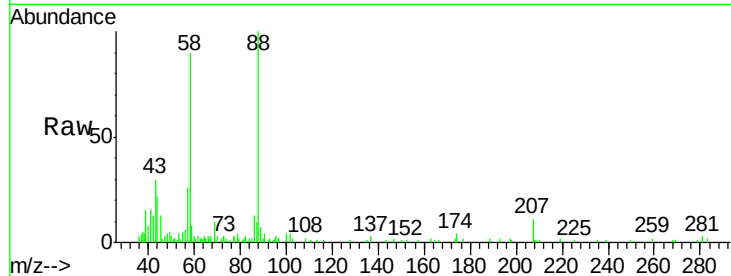
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 88    | Resp: | 10568 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 53.3  | 27.3  | 40.9# |
| 58        | 83.0  | 57.7  | 86.5  |

Manual Integrations  
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8/19/2020 8:53:35 AM



#50

Toluene-d8

Concen: 5.411 ug/l

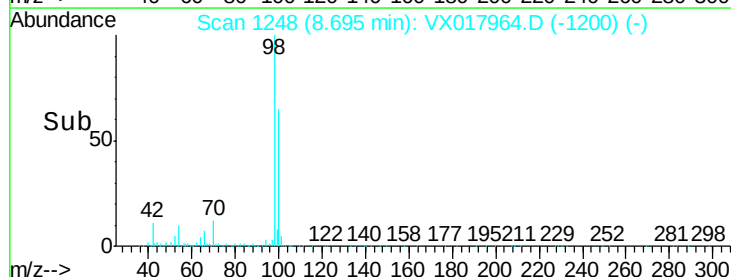
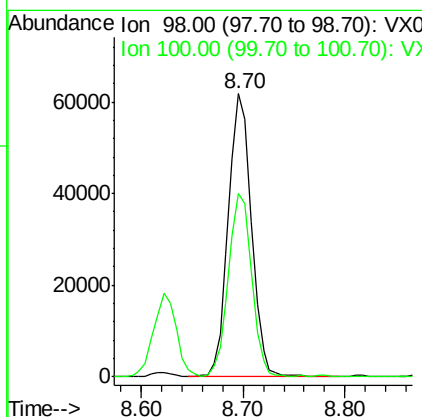
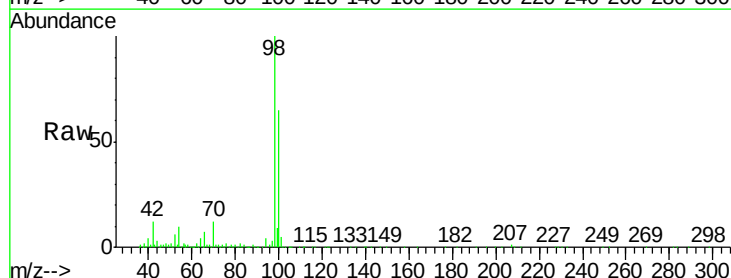
RT: 8.70 min Scan# 1248

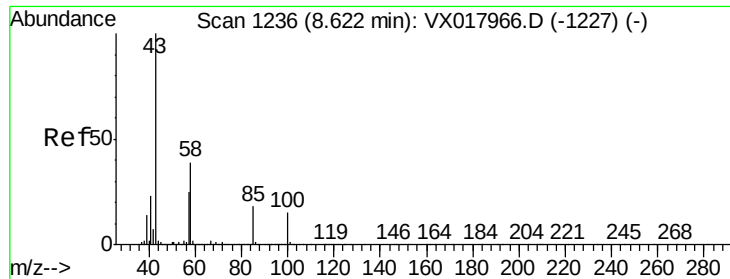
Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 98    | Resp: | 97026 |
| Ion Ratio | Lower | Upper |       |
| 98        | 100   |       |       |
| 100       | 64.5  | 51.4  | 77.2  |





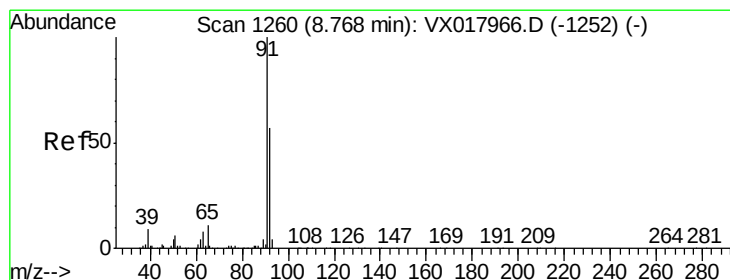
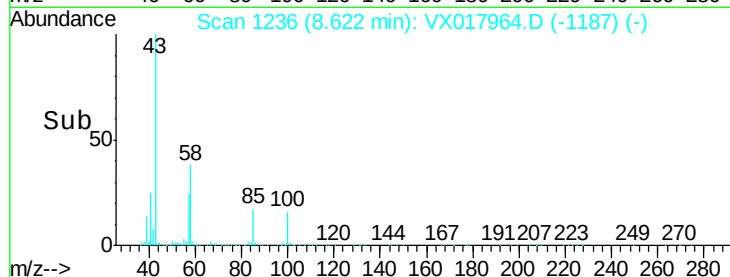
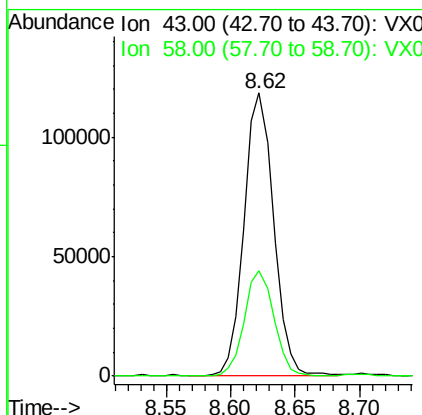
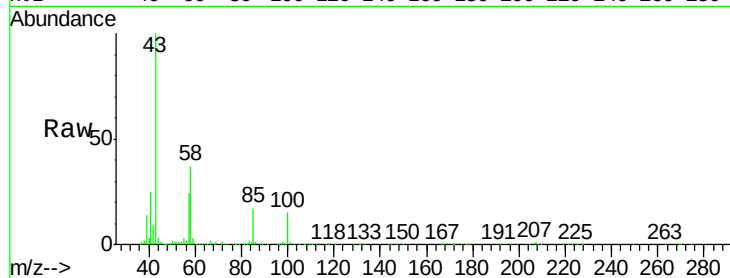
#51  
4-Methyl-2-Pentanone  
Concen: 24.425 ug/l  
RT: 8.62 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion   | 43 | Resp | 187547 |
|-----------|----|------|--------|
| Ion Ratio | 43 | 100  |        |
| Lower     | 58 | 37.3 | 31.0   |
| Upper     |    |      | 46.4   |

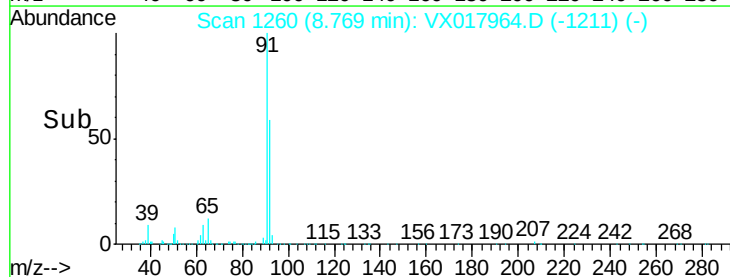
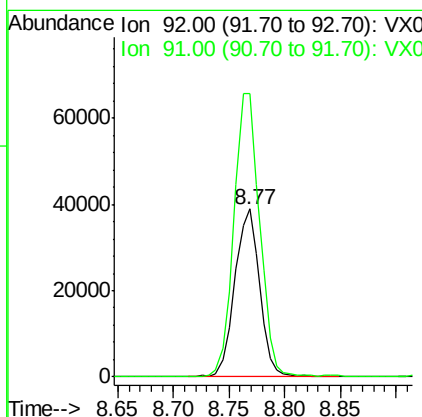
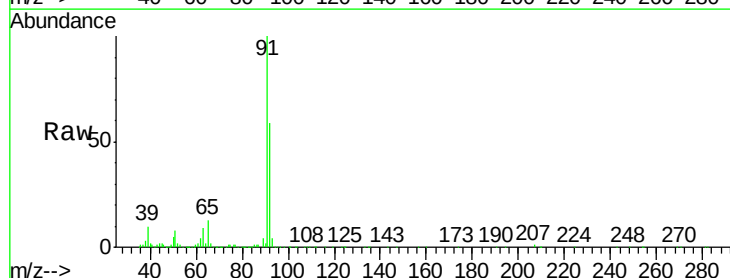
Manual Integrations  
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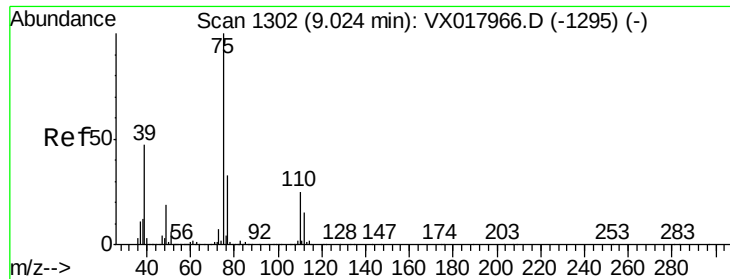
MMDadoda  
8/19/2020 8:53:35 AM



#52  
Toluene  
Concen: 4.624 ug/l  
RT: 8.77 min Scan# 1260  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion   | 92 | Resp  | 60157 |
|-----------|----|-------|-------|
| Ion Ratio | 92 | 100   |       |
| Lower     | 91 | 174.5 | 138.4 |
| Upper     |    |       | 207.6 |





#53

t-1,3-Dichloropropene

Concen: 4.560 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 40462

Ion Ratio Lower Upper

75 100

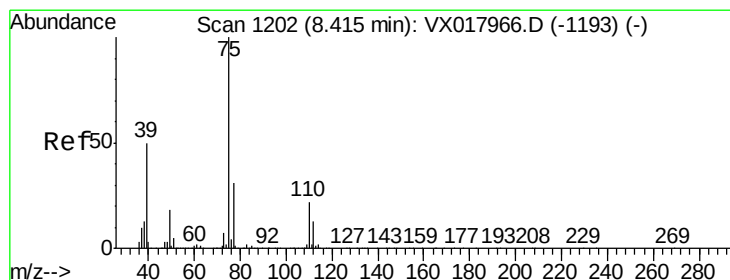
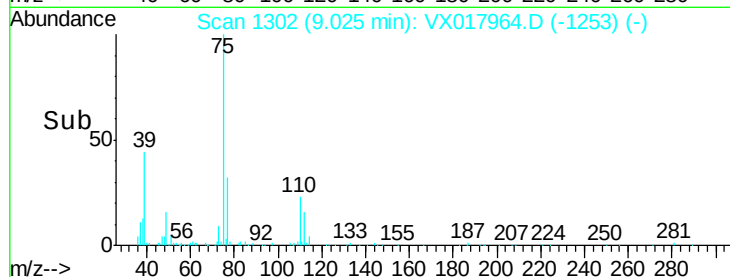
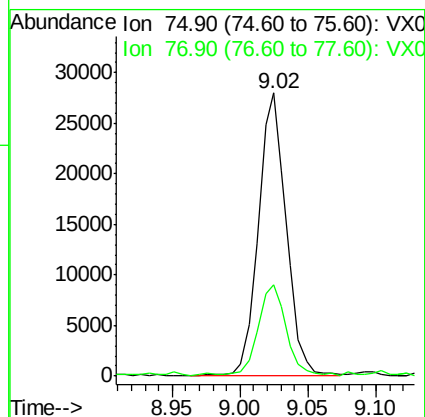
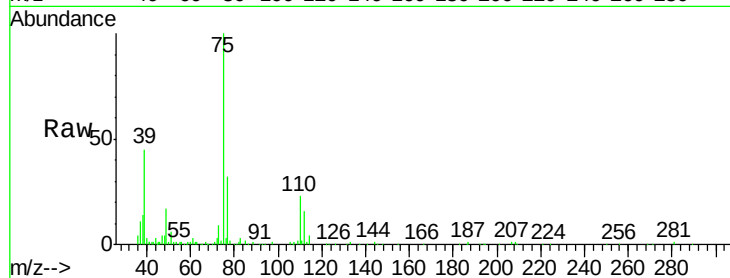
77 32.1 26.1 39.1

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 4.646 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

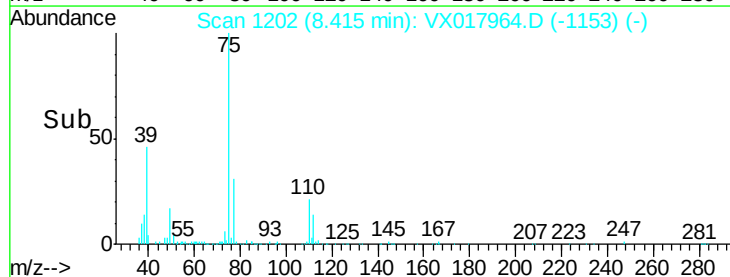
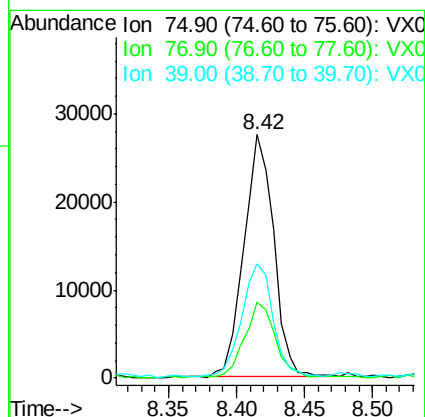
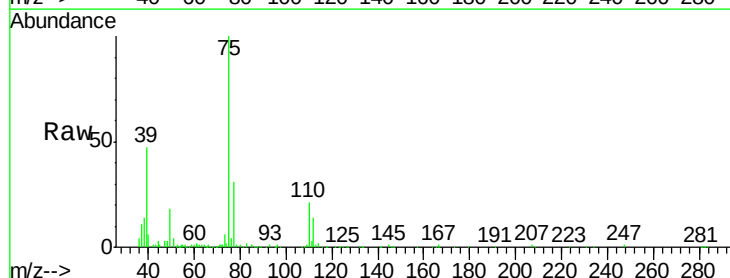
Tgt Ion: 75 Resp: 42247

Ion Ratio Lower Upper

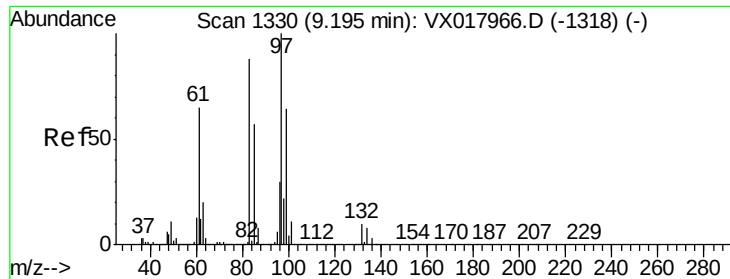
75 100

77 30.9 24.6 36.8

39 46.6 39.7 59.5







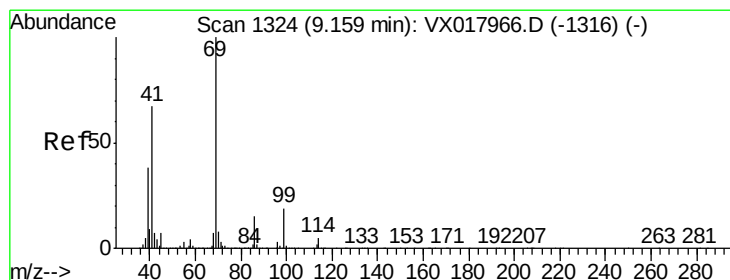
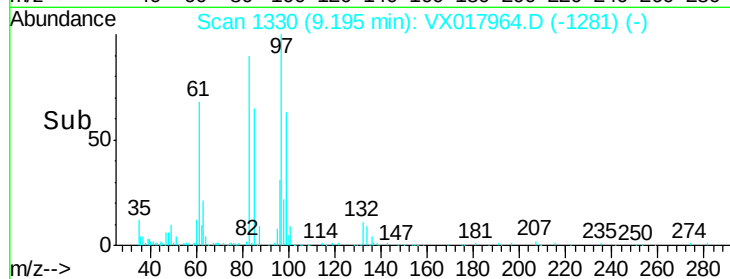
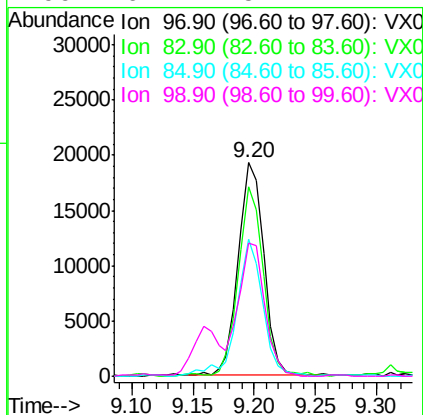
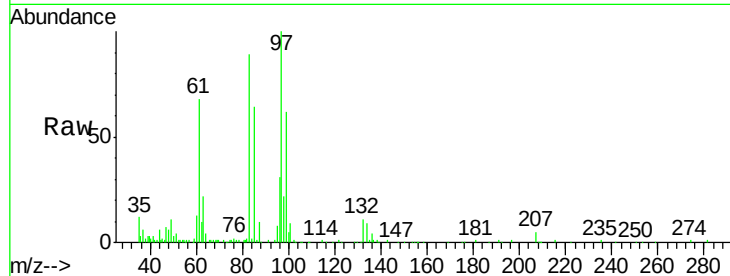
#55  
1,1,2-Trichloroethane  
Concen: 5.152 ug/l  
RT: 9.20 min Scan# 1330  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 28138 |       |       |
| 83      | 88.3 | 70.1  | 105.1 |       |       |
| 85      | 63.6 | 45.8  | 68.8  |       |       |
| 99      | 62.1 | 51.4  | 77.2  |       |       |

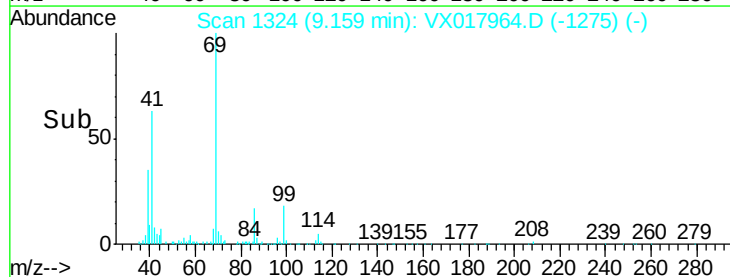
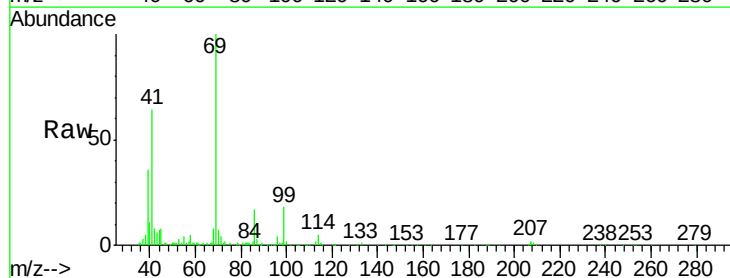
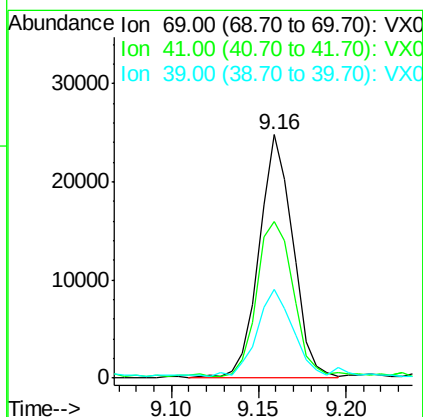
Manual Integrations  
APPROVED

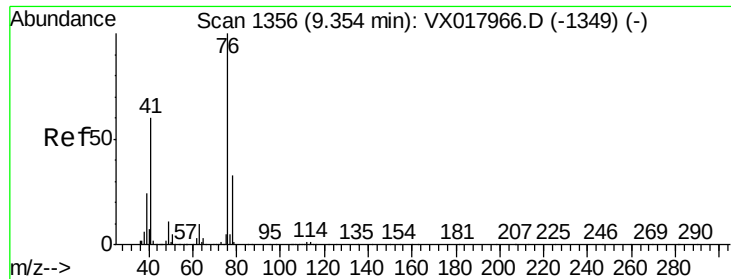
MMDadoda  
8/19/2020 8:53:35 AM



#56  
Ethyl methacrylate  
Concen: 4.120 ug/l  
RT: 9.16 min Scan# 1324  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 69      | 100  |       | 33451 |       |       |
| 41      | 68.2 | 52.3  | 78.5  |       |       |
| 39      | 37.0 | 29.2  | 43.8  |       |       |





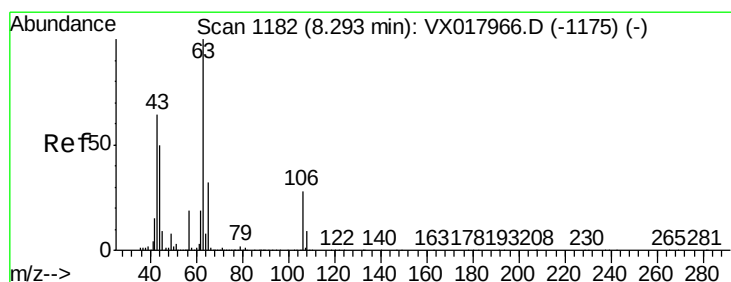
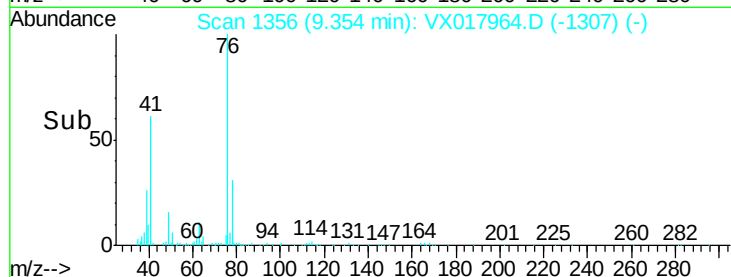
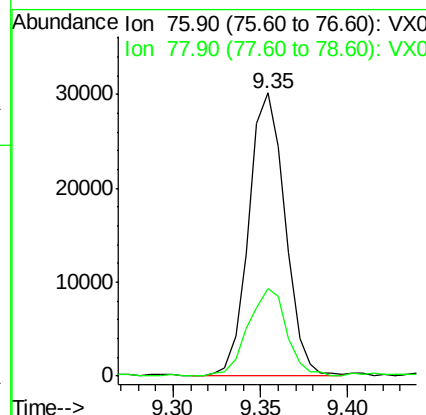
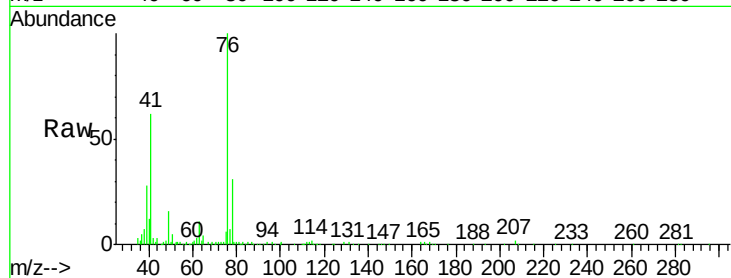
#57  
 1,3-Dichloropropane  
 Concen: 4.877 ug/l  
 RT: 9.35 min Scan# 1356  
 Delta R.T. 0.00 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.4  | 26.4  | 39.6  |

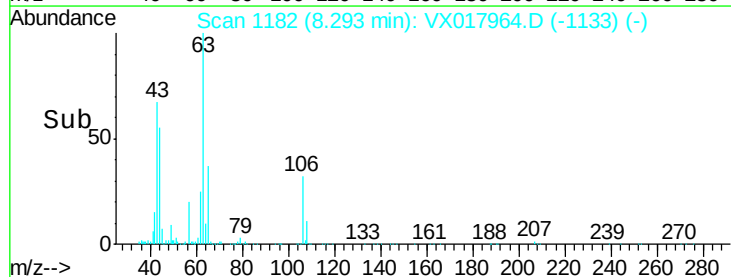
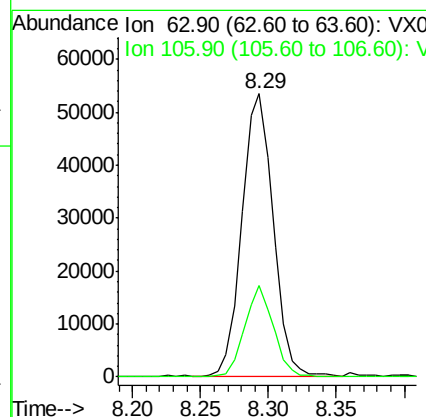
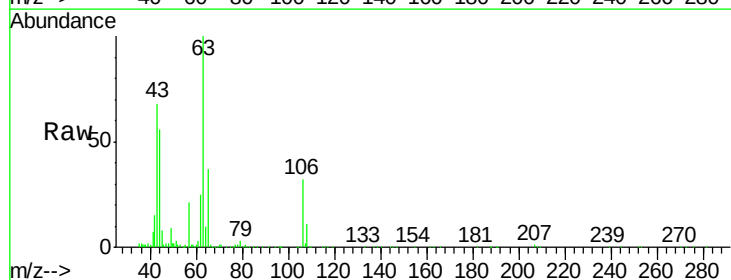
Manual Integrations  
 APPROVED

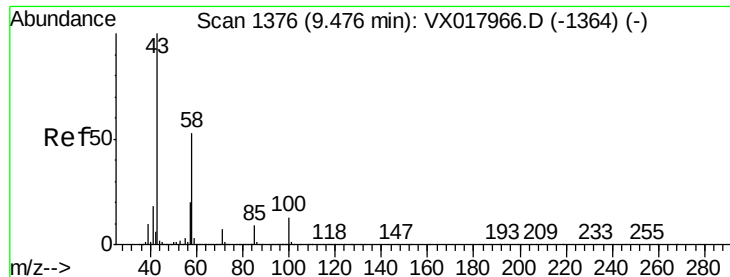
MMDadoda  
 8/19/2020 8:53:35 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 20.432 ug/l  
 RT: 8.29 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 29.8  | 23.0  | 34.4  |





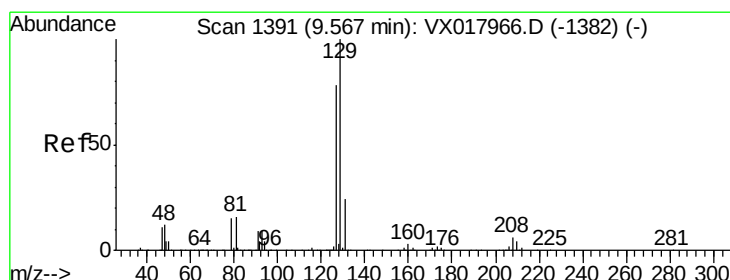
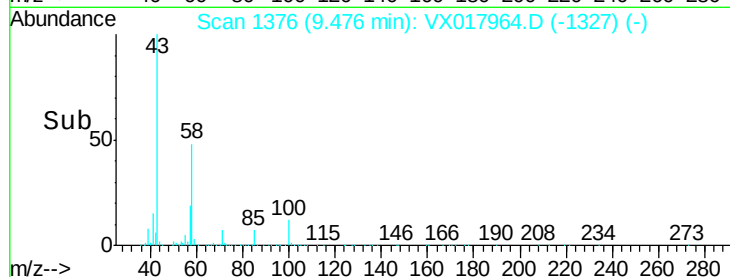
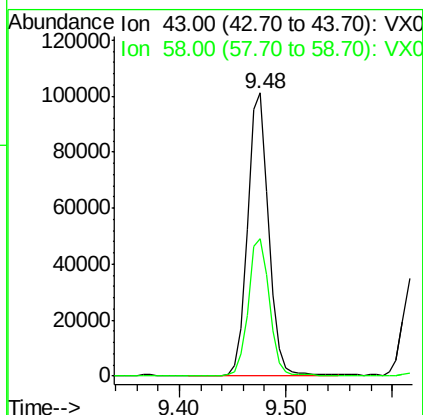
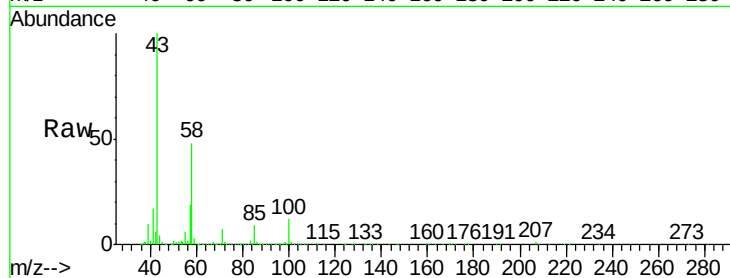
#59  
2-Hexanone  
Concen: 24.292 ug/l  
RT: 9.48 min Scan# 1376  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 48.6  | 26.4  | 79.0  |

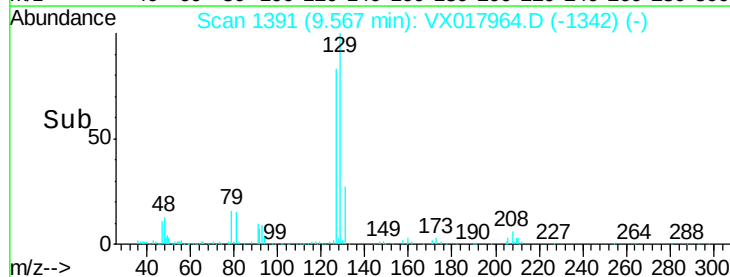
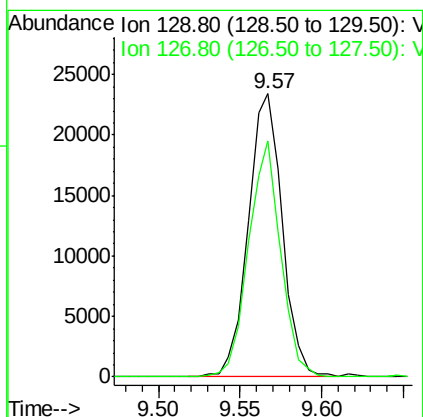
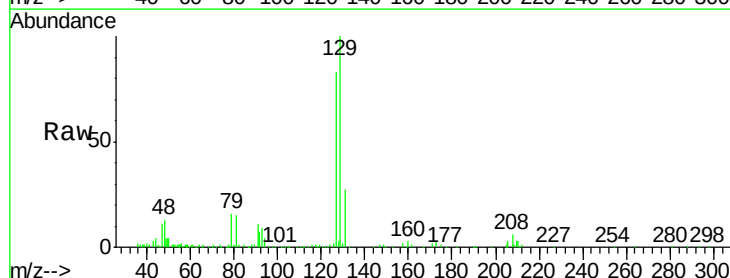
Manual Integrations  
APPROVED

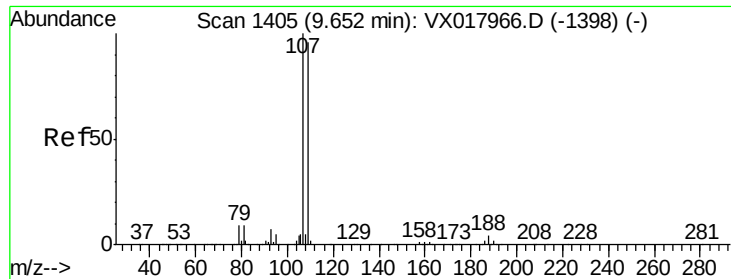
MMDadoda  
8/19/2020 8:53:35 AM



#60  
Dibromochloromethane  
Concen: 4.905 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 79.1  | 39.5  | 118.3 |





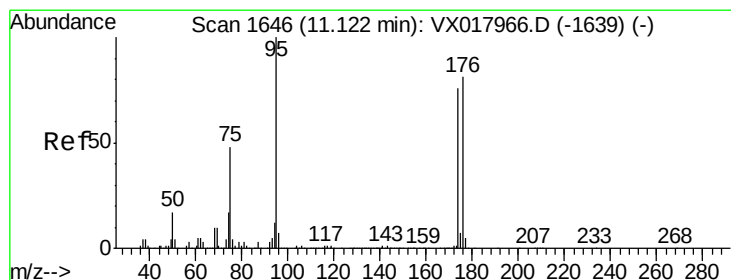
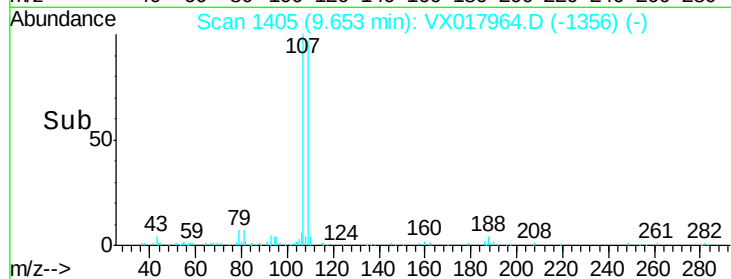
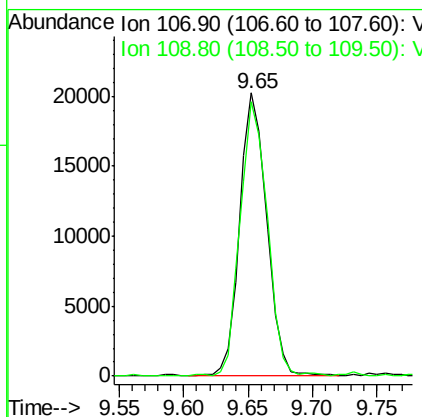
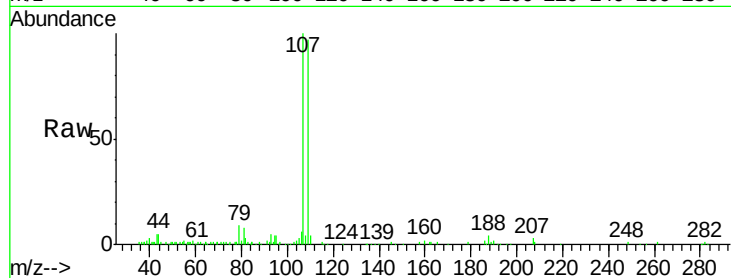
#61  
 1,2-Dibromoethane  
 Concen: 5.031 ug/l  
 RT: 9.65 min Scan# 1405  
 Delta R.T. 0.00 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 97.7  | 75.5  | 113.3 |

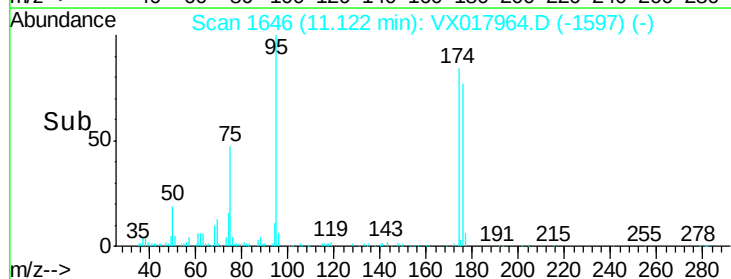
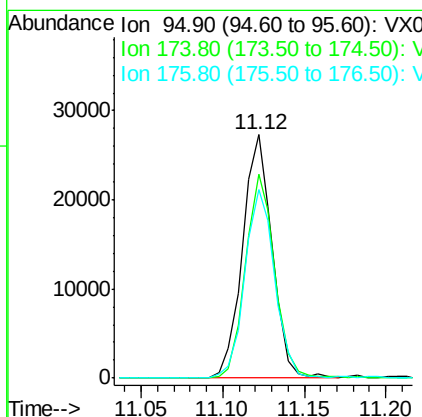
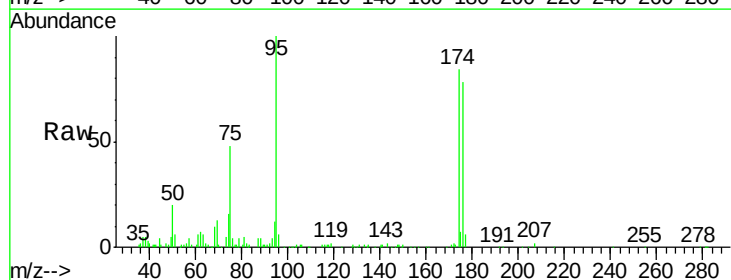
Manual Integrations  
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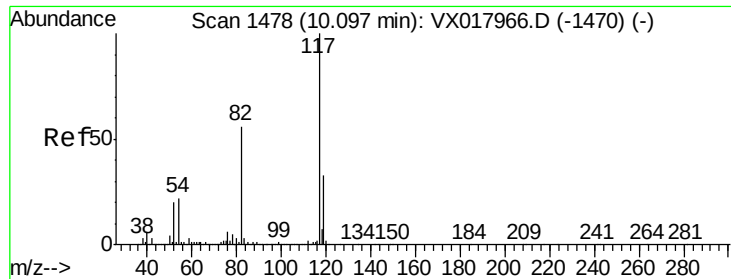
MMDadoda  
 8/19/2020 8:53:35 AM



#62  
 4-Bromofluorobenzene  
 Concen: 4.814 ug/l  
 RT: 11.12 min Scan# 1646  
 Delta R.T. 0.00 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 83.0  | 0.0   | 166.0 |
| 176     | 78.0  | 0.0   | 161.0 |





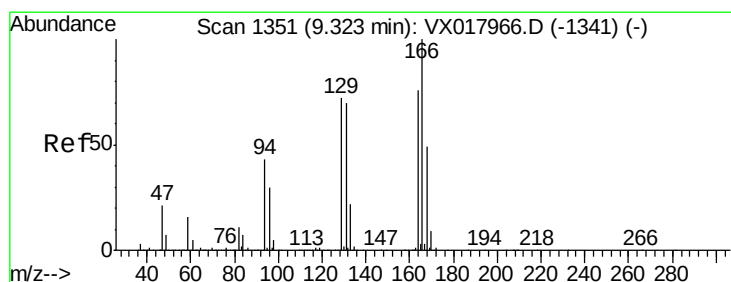
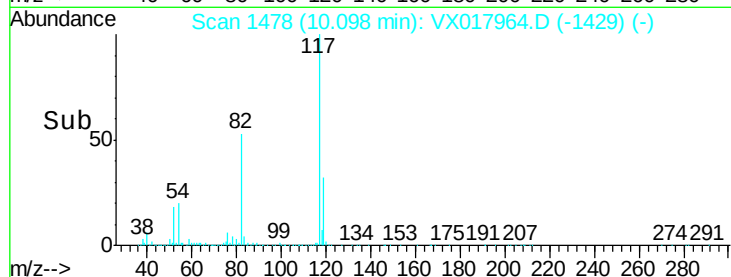
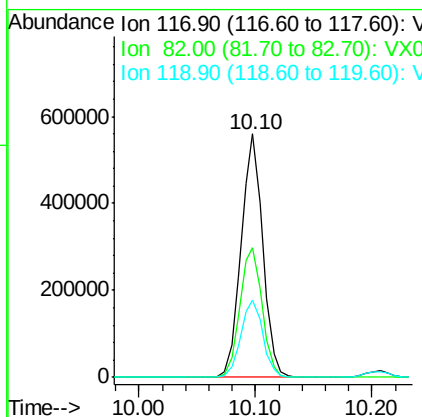
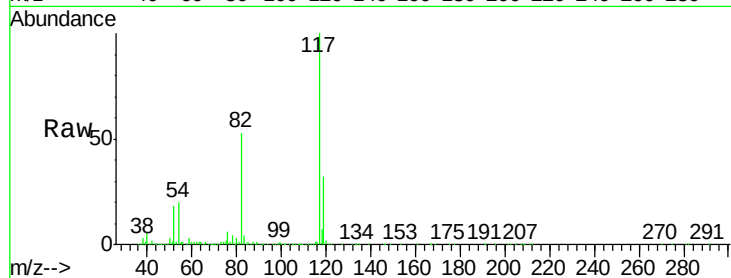
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 726790 |       |       |
| 82      | 53.5  |        | 44.6  | 66.8  |
| 119     | 31.6  |        | 26.2  | 39.4  |

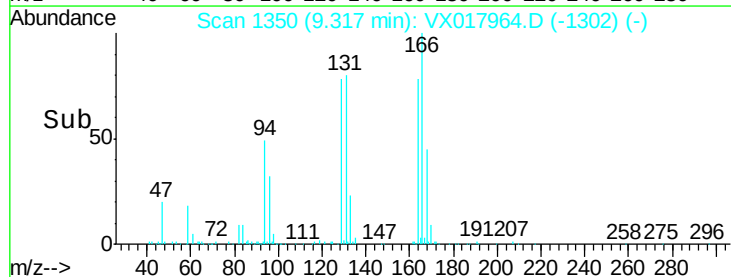
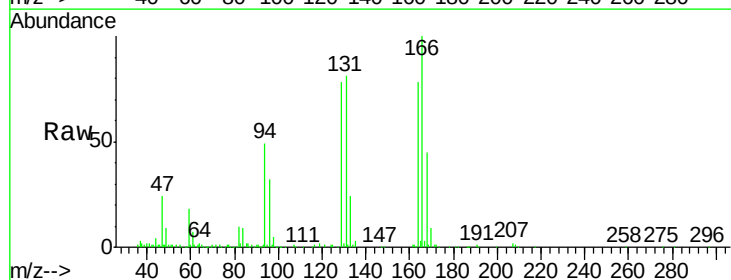
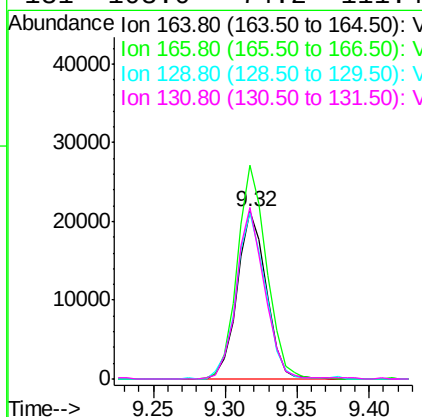
Manual Integrations  
APPROVED

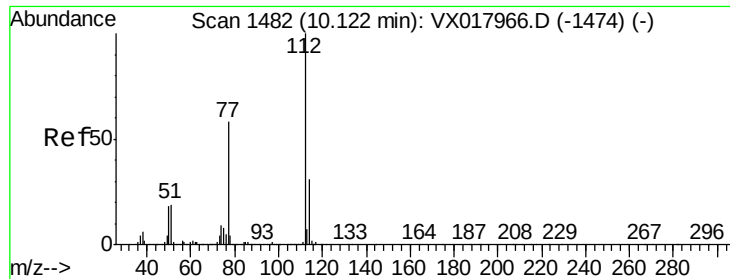
MMDadoda  
8/19/2020 8:53:35 AM



#64  
Tetrachloroethene  
Concen: 4.689 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.01 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 29886 |       |       |
| 166     | 127.8 |       | 105.7 | 158.5 |
| 129     | 98.9  |       | 75.8  | 113.8 |
| 131     | 103.0 |       | 74.2  | 111.4 |





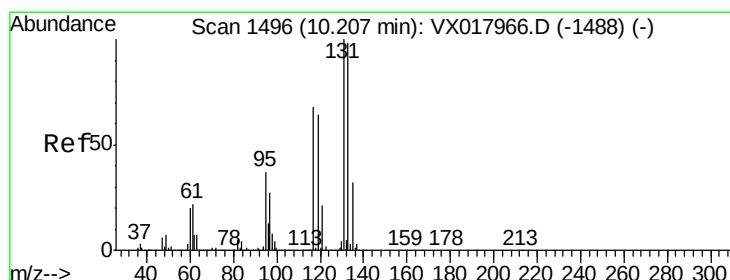
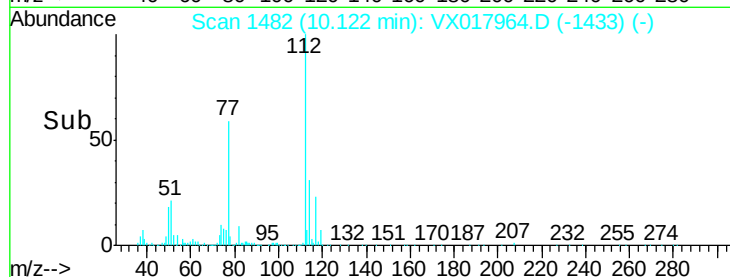
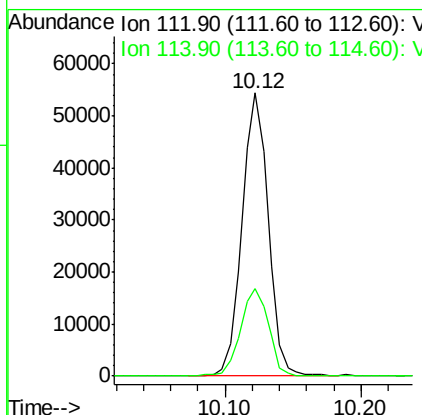
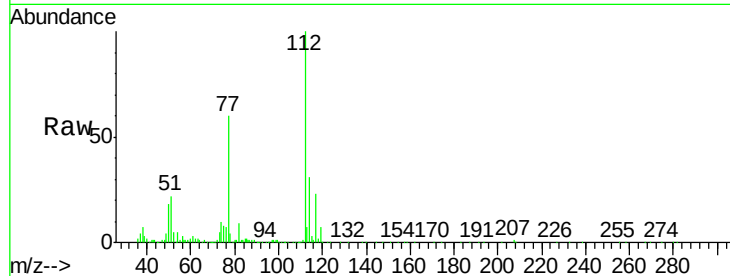
#65  
Chlorobenzene  
Concen: 4.703 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 30.7  | 25.0  | 37.6  |

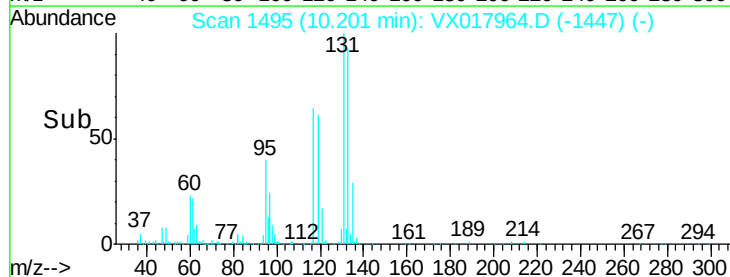
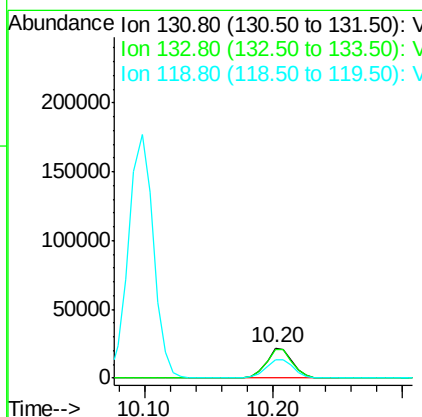
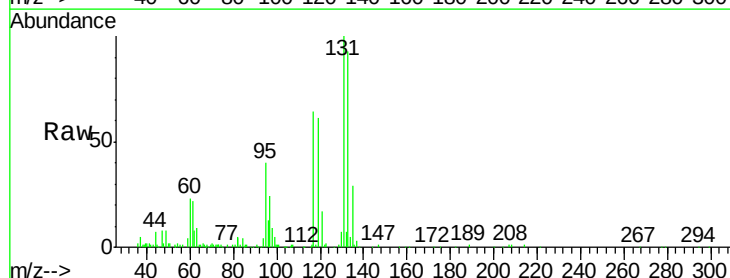
Manual Integrations  
APPROVED

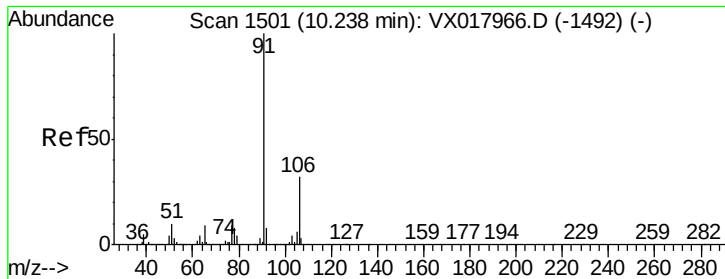
MMDadoda  
8/19/2020 8:53:35 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.858 ug/l  
RT: 10.20 min Scan# 1495  
Delta R.T. -0.01 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 97.1  | 48.4  | 145.3 |
| 119     | 67.0  | 31.6  | 94.8  |





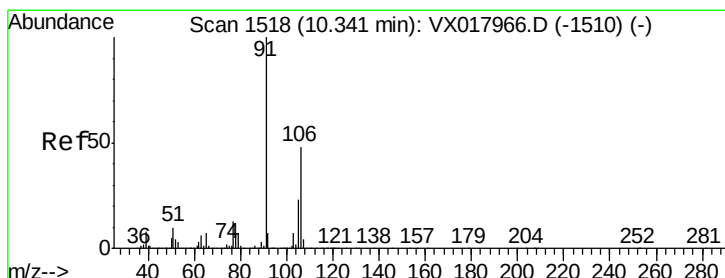
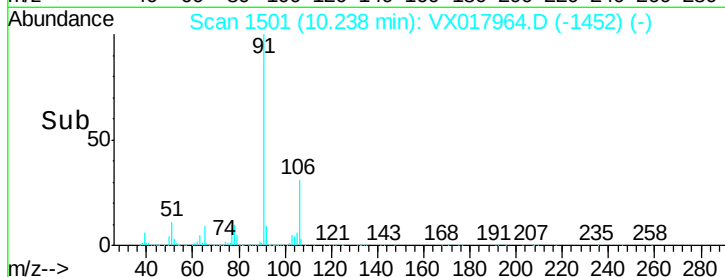
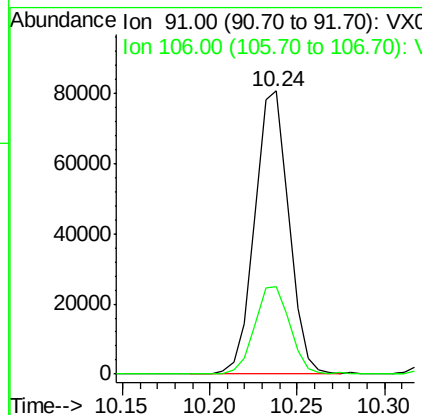
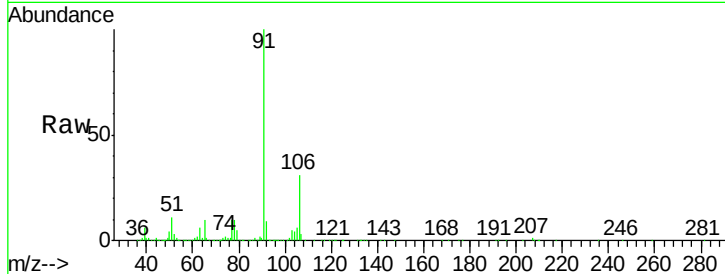
#67  
Ethyl Benzene  
Concen: 4.219 ug/l  
RT: 10.24 min Scan# 1501  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 30.9  | 25.4  | 38.0  |

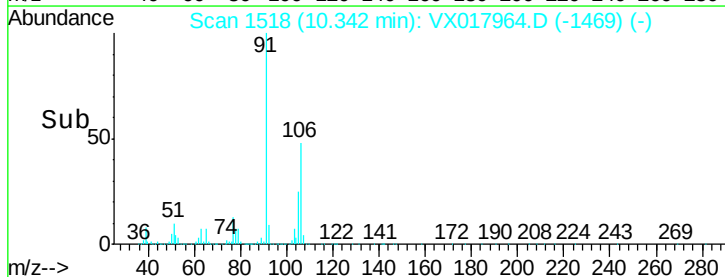
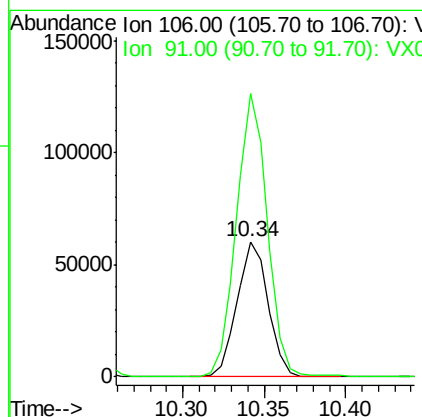
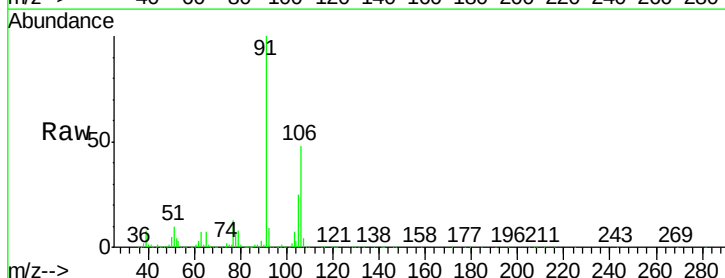
Manual Integrations  
APPROVED

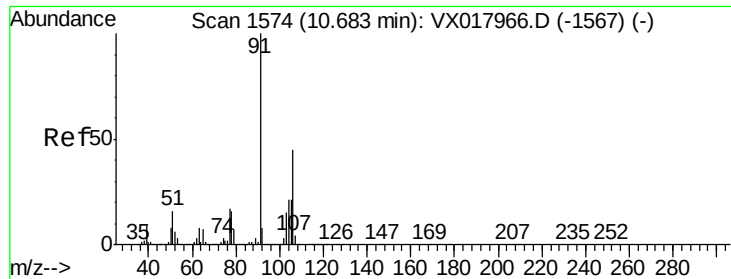
MMDadoda  
8/19/2020 8:53:35 AM



#68  
m/p-Xylenes  
Concen: 8.065 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 208.5 | 167.4 | 251.2 |





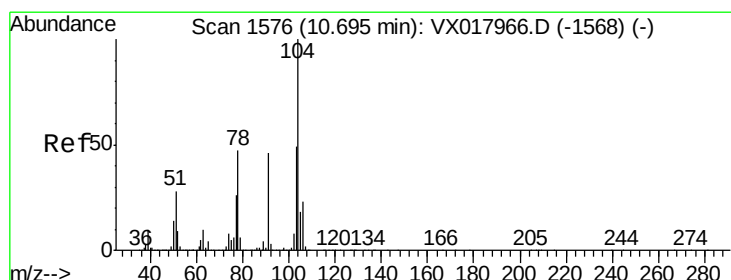
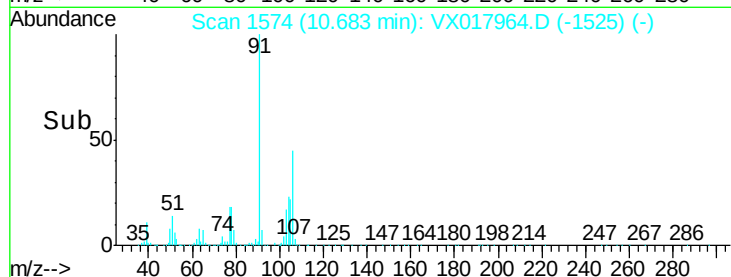
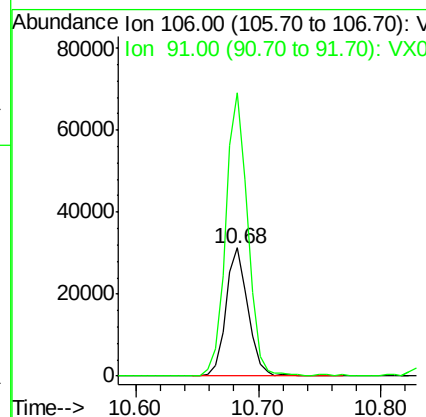
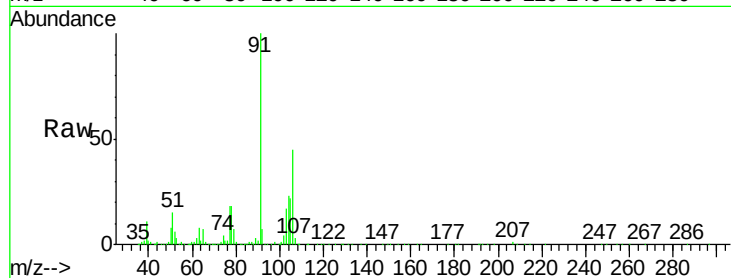
#69  
o-Xylene  
Concen: 4.063 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 222.4 | 108.1 | 324.2 |

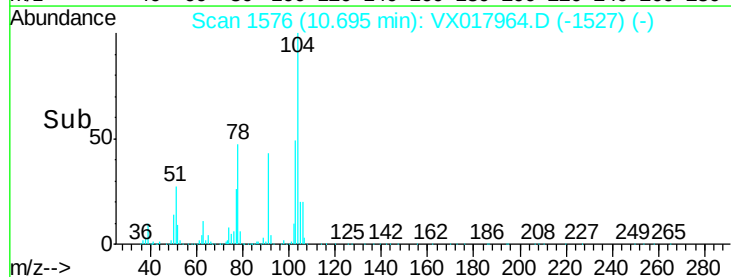
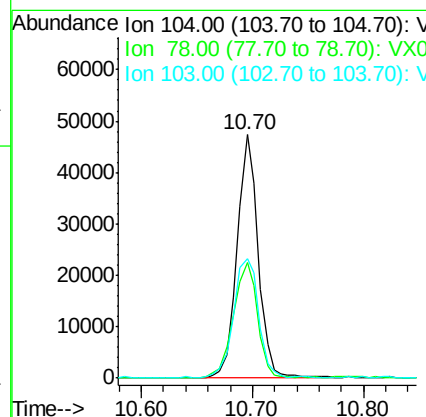
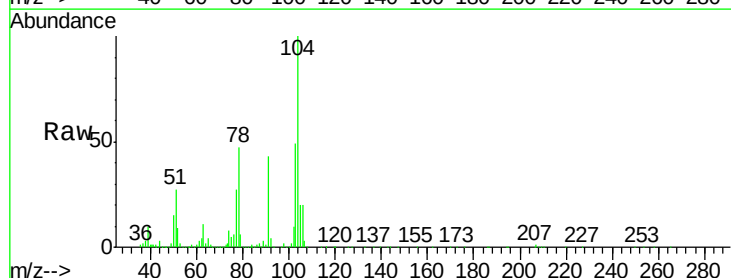
Manual Integrations  
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8/19/2020 8:53:35 AM

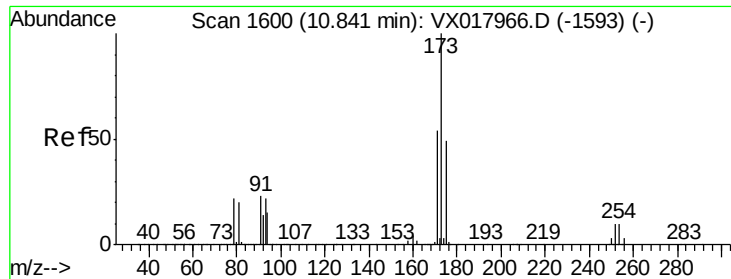


#70  
Styrene  
Concen: 3.803 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 54.9  | 41.3  | 61.9  |
| 103     | 58.6  | 42.9  | 64.3  |







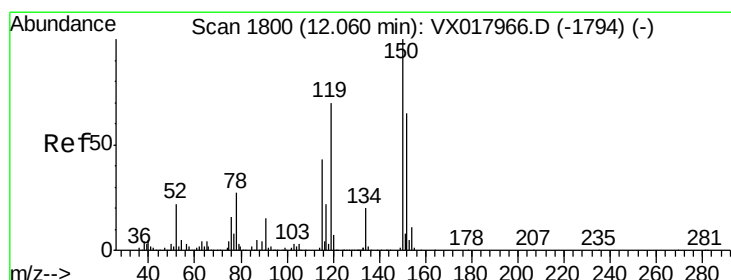
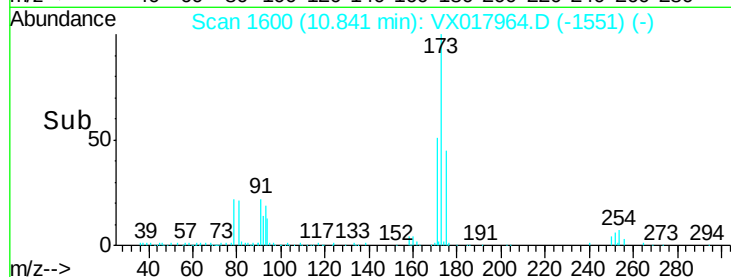
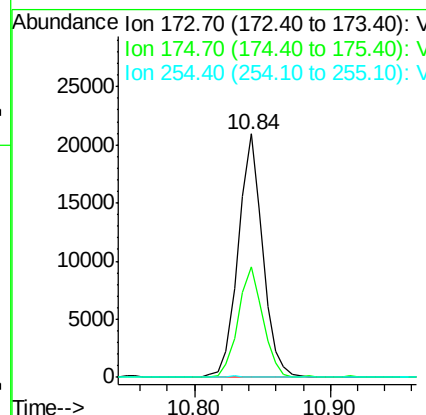
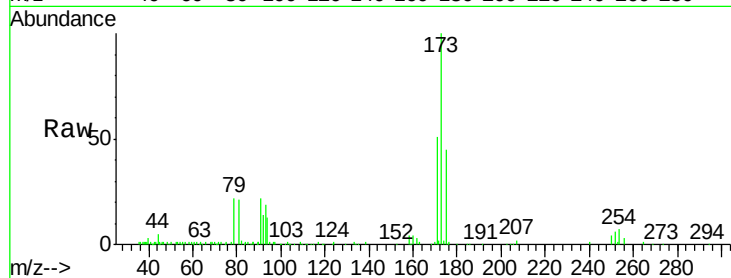
#71  
Bromoform  
Concen: 4.801 ug/l  
RT: 10.84 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 46.1  | 24.4  | 73.2  |
| 254     | 0.1   | 0.2   | 0.2   |

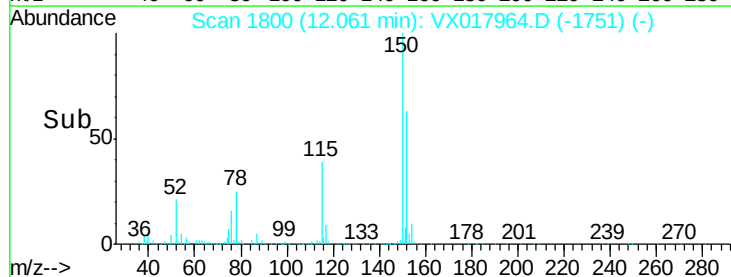
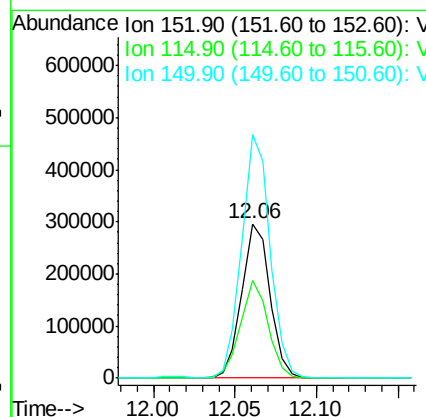
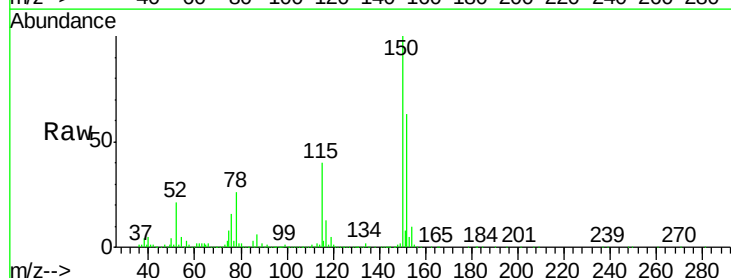
Manual Integrations  
APPROVED

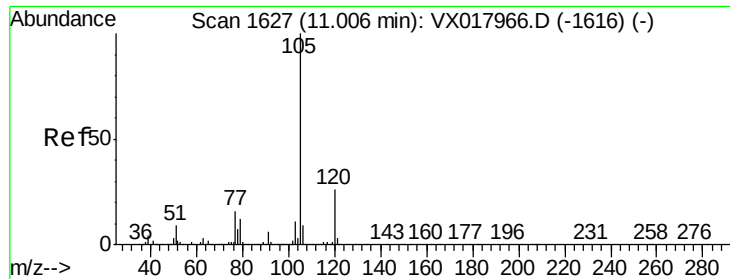
MMDadoda  
8/19/2020 8:53:35 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 61.9  | 40.6  | 121.7 |
| 150     | 157.7 | 0.0   | 346.4 |





#73

Isopropylbenzene

Concen: 4.350 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 106857

Ion Ratio Lower Upper

105 100

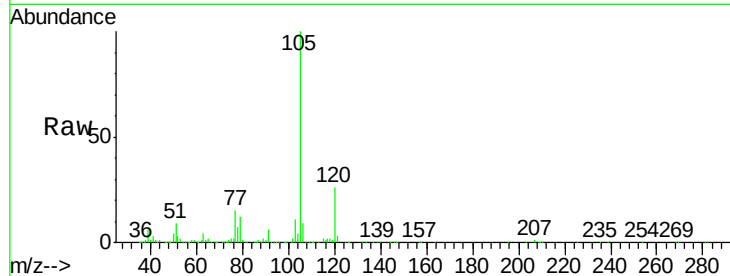
120 27.8 13.5 40.4

Manual Integrations

APPROVED

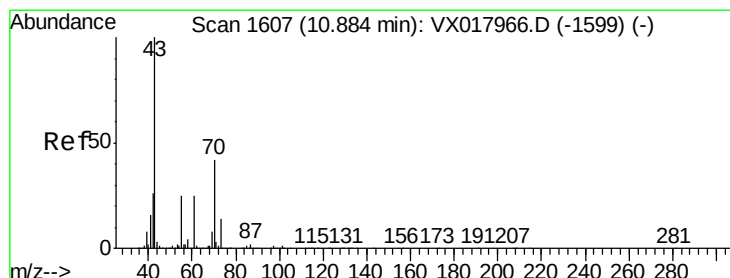
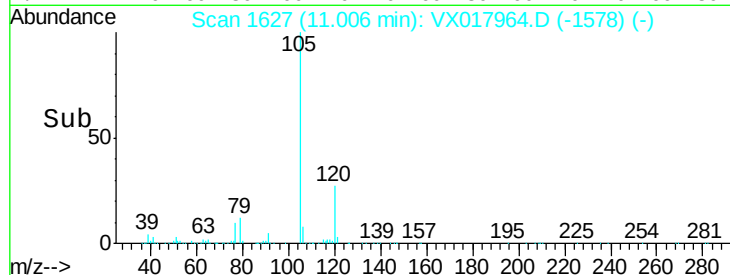
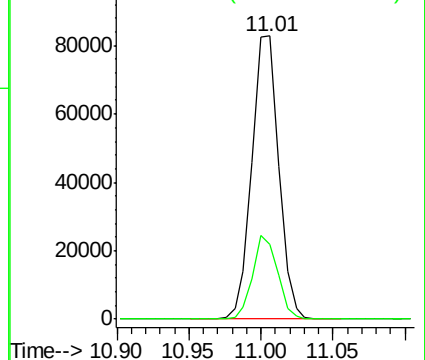
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.114 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Tgt Ion: 43 Resp: 44276

Ion Ratio Lower Upper

43 100

70 41.4 32.9 49.3

55 25.7 19.3 28.9

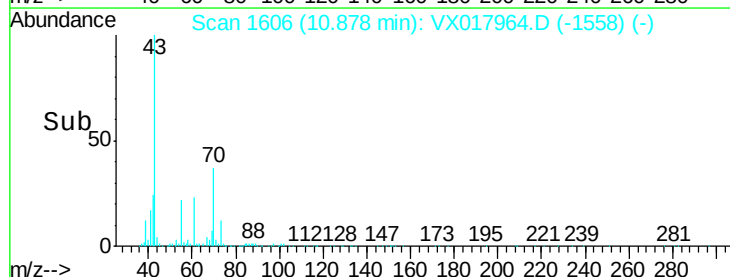
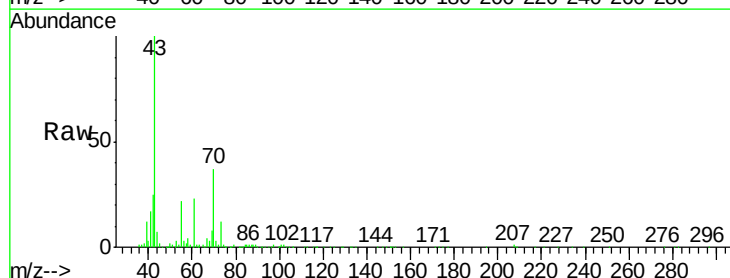
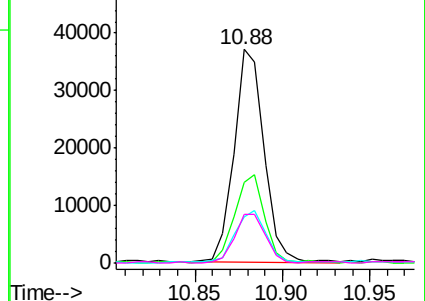
61 23.1 19.6 29.4

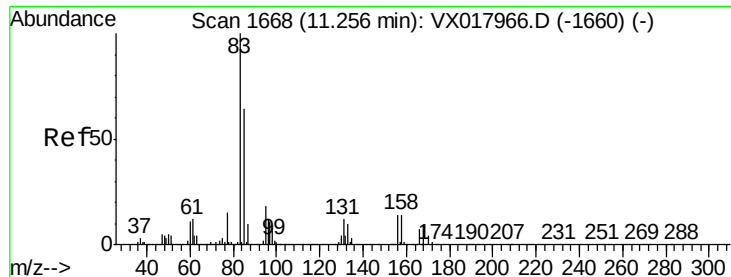
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.478 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA\_X

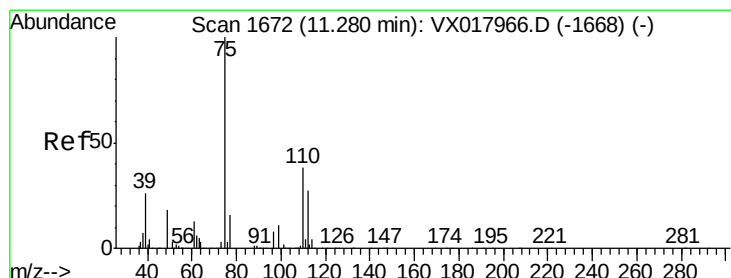
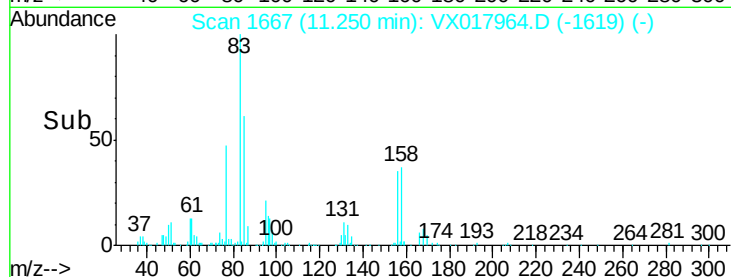
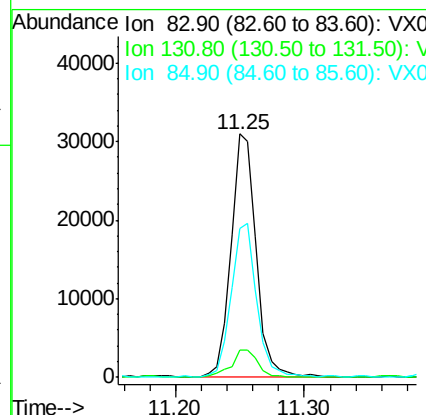
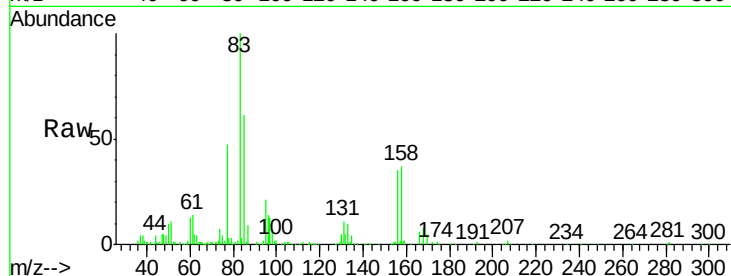
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 42780 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 12.2  | 5.7   | 17.0  |
| 85        | 64.1  | 32.2  | 96.6  |

Manual Integrations  
APPROVED

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#76

1,2,3-Trichloropropane

Concen: 5.211 ug/l m

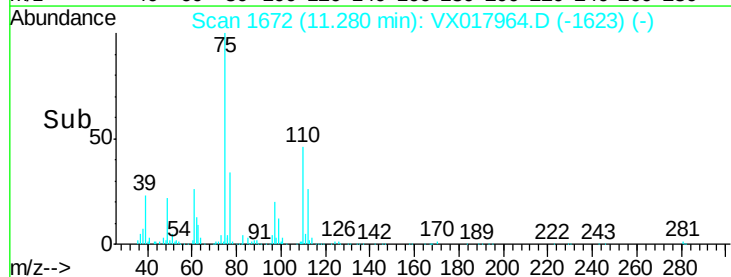
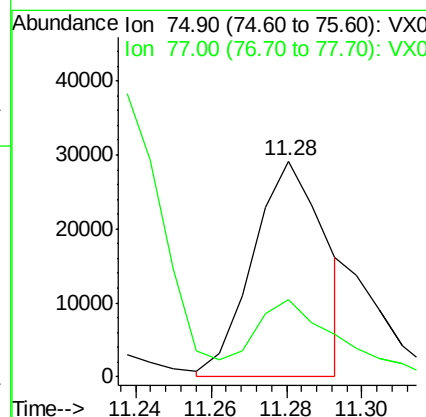
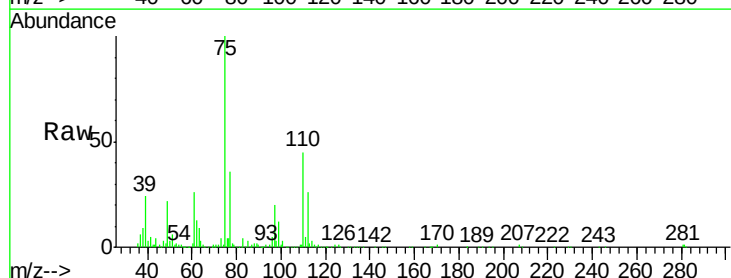
RT: 11.28 min Scan# 1672

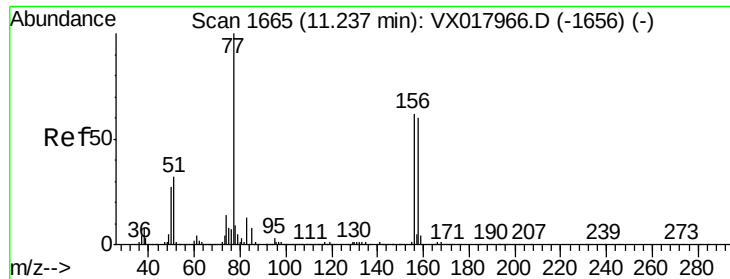
Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 38655 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 41.8  | 21.1  | 63.1  |





#77

Bromobenzene

Concen: 4.723 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA\_X

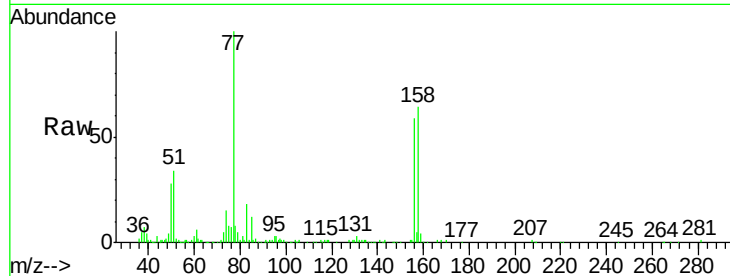
ClientSampleId :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 32450 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 153.2 | 78.0  | 234.0 |
| 158       | 98.3  | 49.2  | 147.6 |

Manual Integrations  
APPROVED

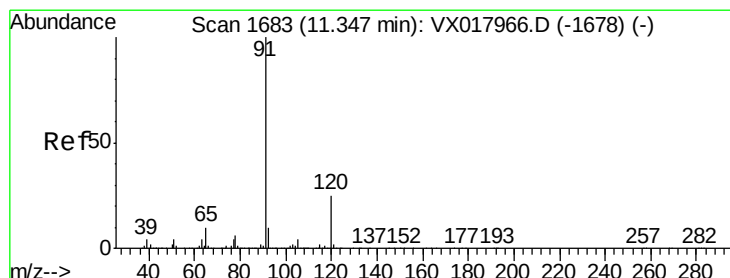
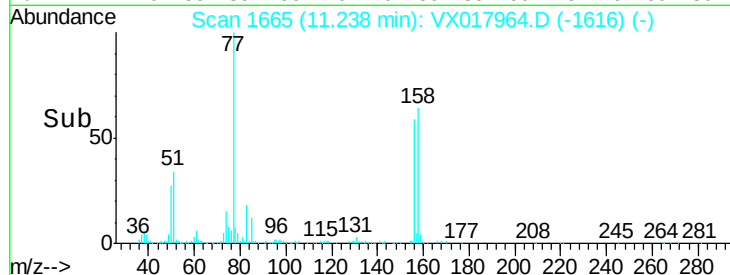
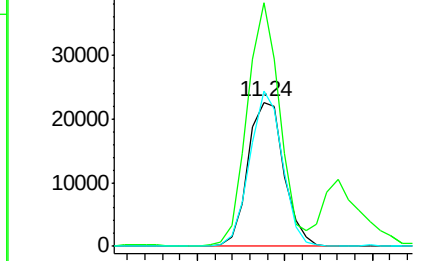
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.253 ug/l

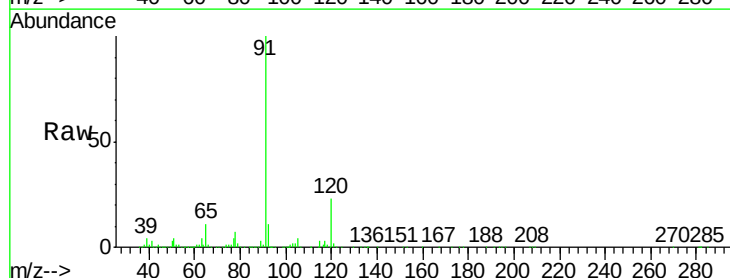
RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX017964.D

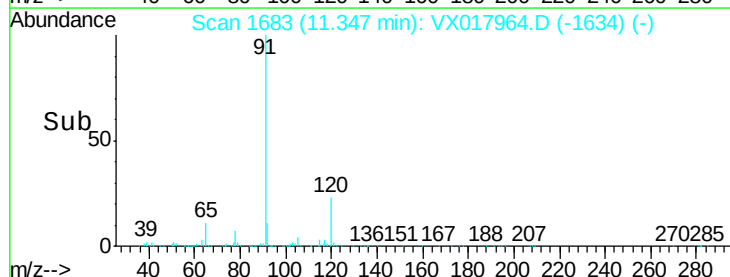
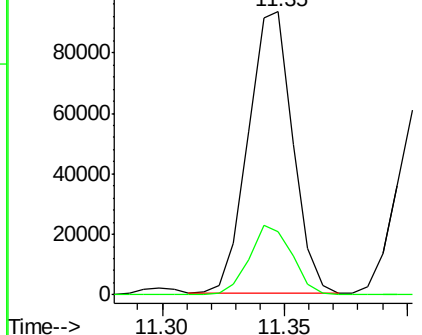
Acq: 18 Aug 2020 18:12

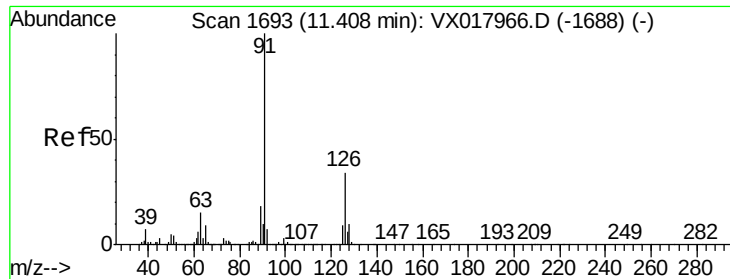
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 118357 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.9  | 12.0  | 36.1   |



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





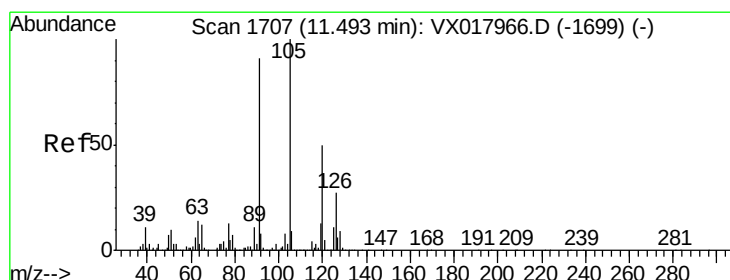
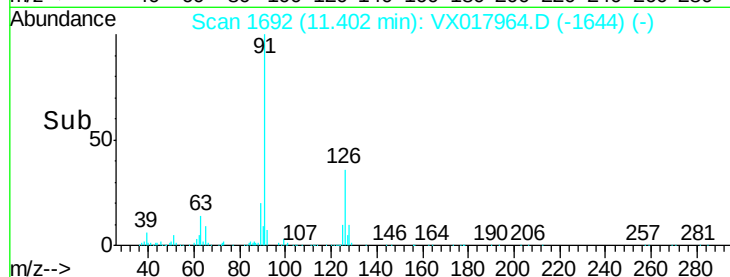
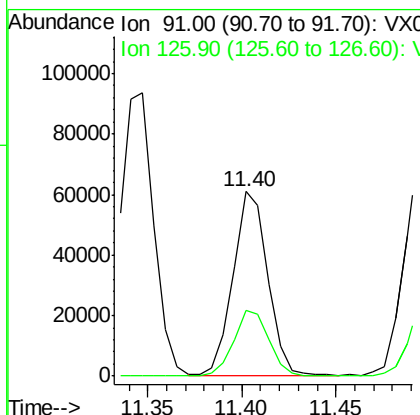
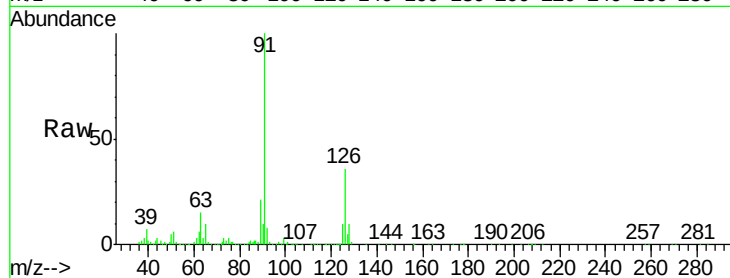
#79  
 2-Chlorotoluene  
 Concen: 4.474 ug/l  
 RT: 11.40 min Scan# 1692  
 Delta R.T. -0.01 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC005

Tot Ion: 91 Resp: 77002  
 Ion Ratio Lower Upper  
 91 100  
 126 36.8 17.1 51.2

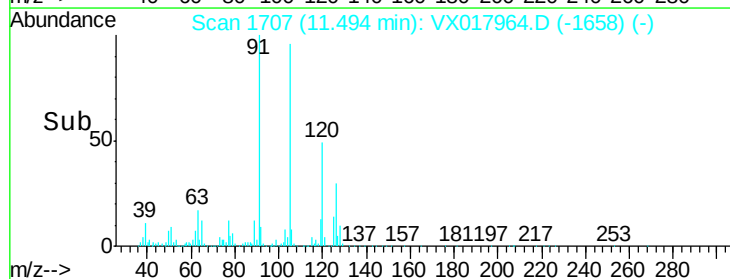
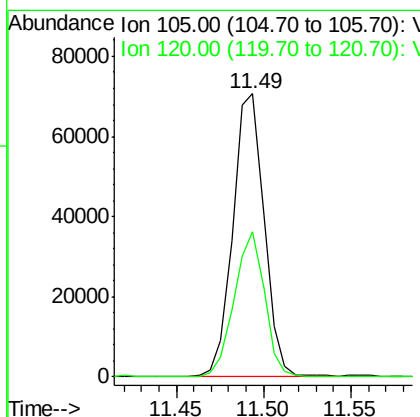
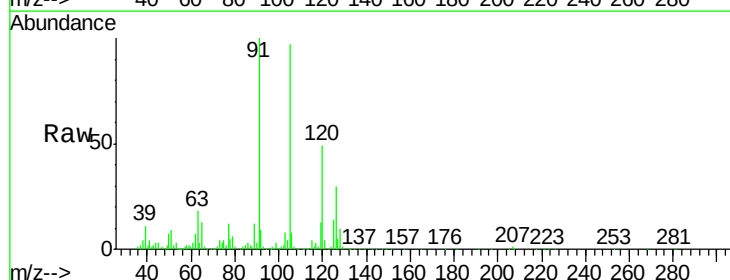
Manual Integrations  
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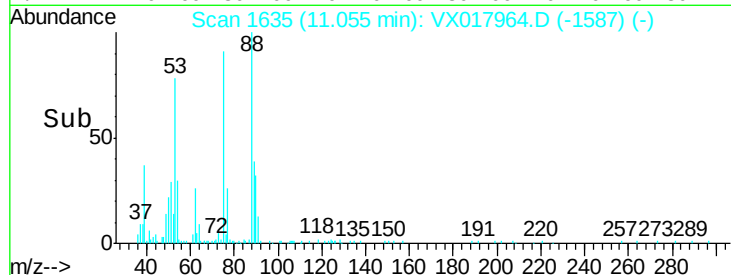
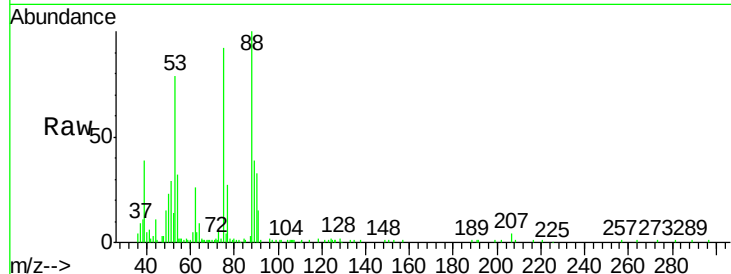
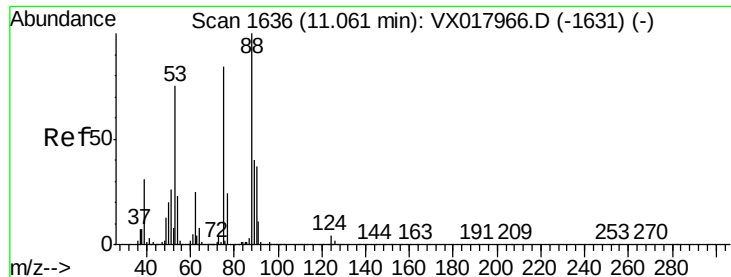
MMDadoda  
 8/19/2020 8:53:35 AM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 4.179 ug/l  
 RT: 11.49 min Scan# 1707  
 Delta R.T. 0.00 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

Tgt Ion: 105 Resp: 87369  
 Ion Ratio Lower Upper  
 105 100  
 120 49.9 24.1 72.4





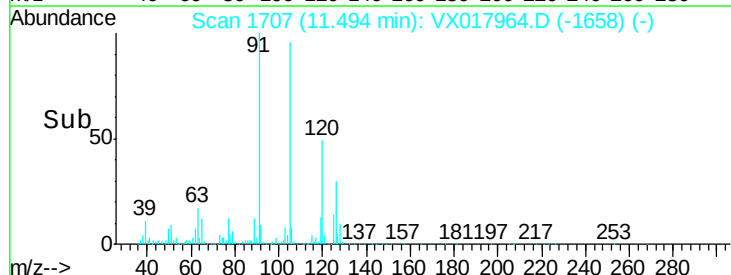
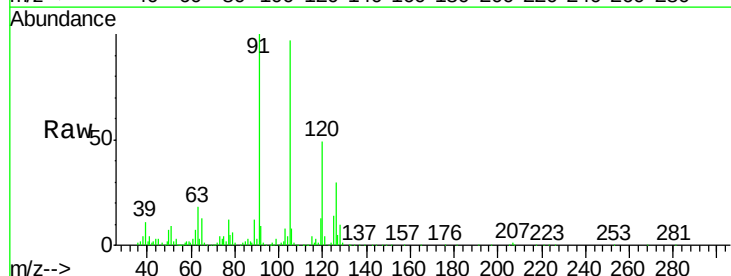
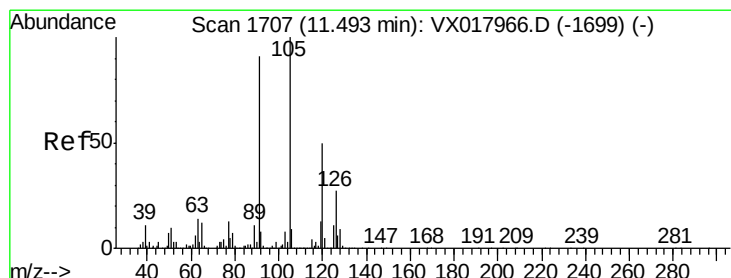
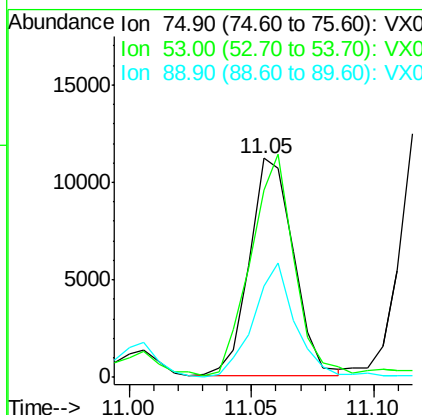
#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.797 ug/l  
RT: 11.05 min Scan# 1635  
Delta R.T. -0.01 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 101.2 | 75.2  | 112.8 |
| 89      | 50.7  | 38.4  | 57.6  |

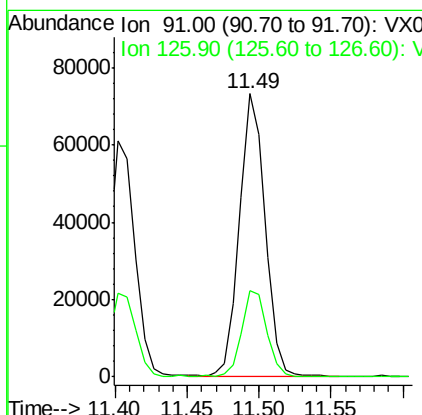
Manual Integrations  
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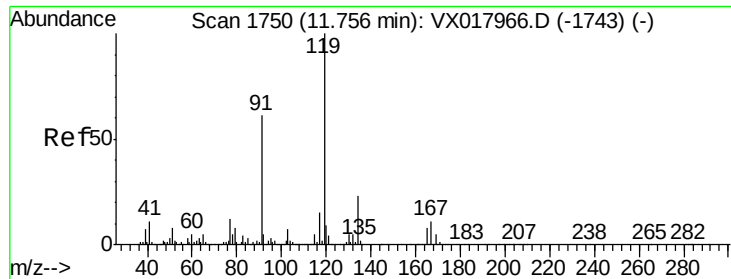
MMDadoda  
8/19/2020 8:53:35 AM



#82  
4-Chlorotoluene  
Concen: 4.492 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.0  | 15.0  | 45.0  |





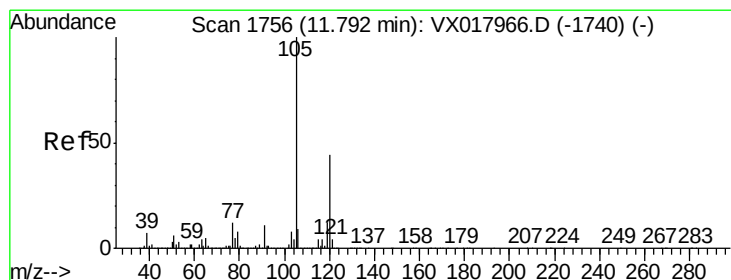
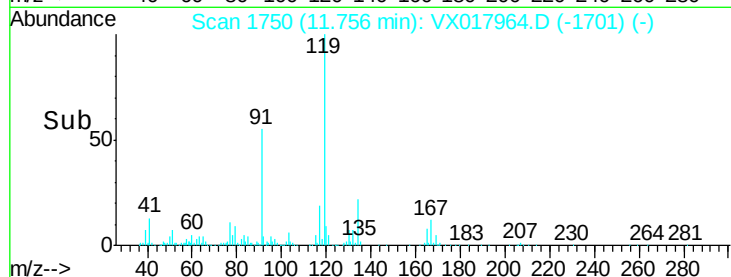
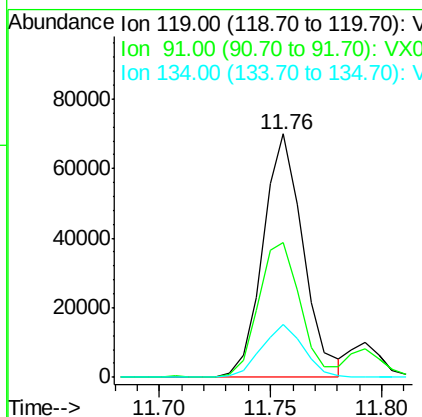
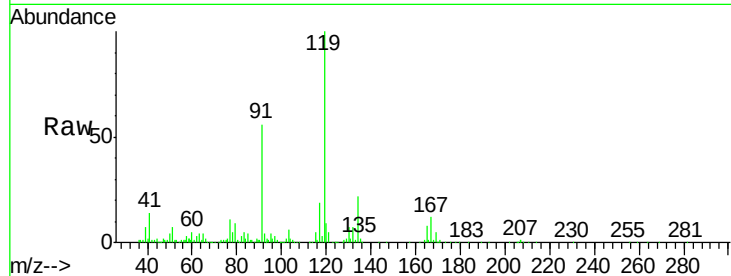
#83  
tert-Butylbenzene  
Concen: 4.416 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 119     | 100   | 87989 |       |       |
| 91      | 57.2  | 30.1  | 90.5  |       |
| 134     | 22.6  | 11.1  | 33.1  |       |

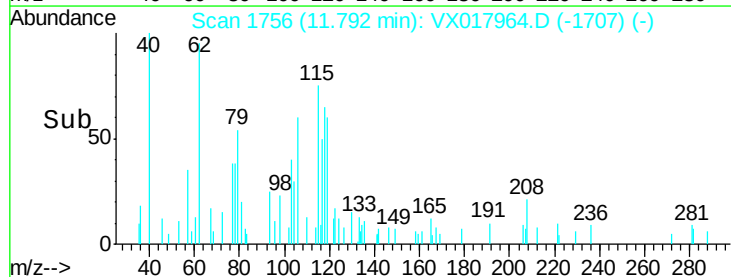
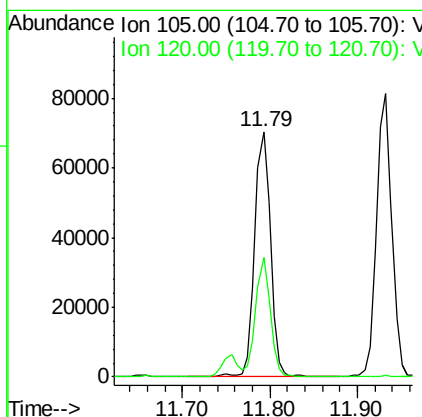
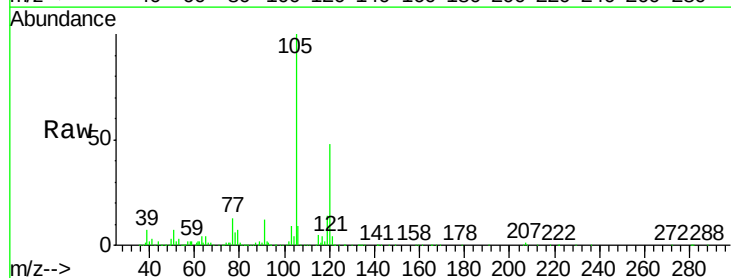
Manual Integrations  
APPROVED

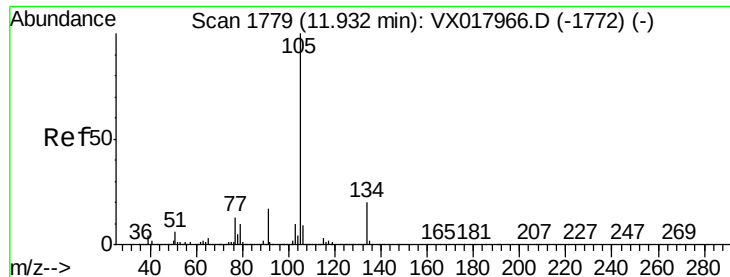
MMDadoda  
8/19/2020 8:53:35 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 4.170 ug/l  
RT: 11.79 min Scan# 1756  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 88113 |       |       |
| 120     | 44.3  | 22.1  | 66.1  |       |





#85

sec-Butylbenzene

Concen: 4.227 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 98881

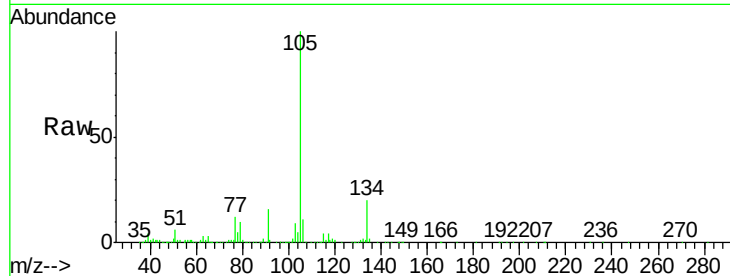
Ion Ratio Lower Upper

105 100

134 20.9 10.3 30.9

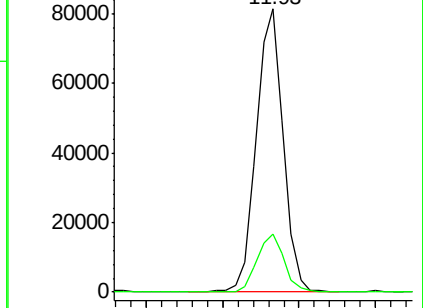
Manual Integrations  
APPROVED

MMDadoda  
8/19/2020 8:53:35 AM

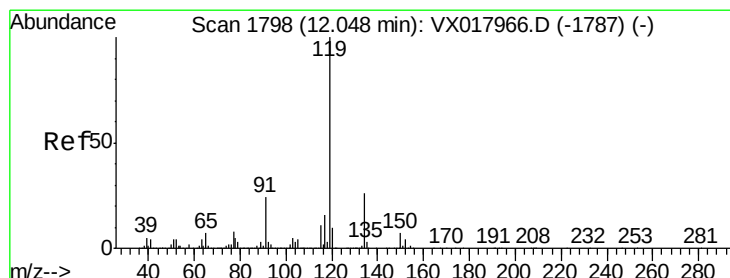
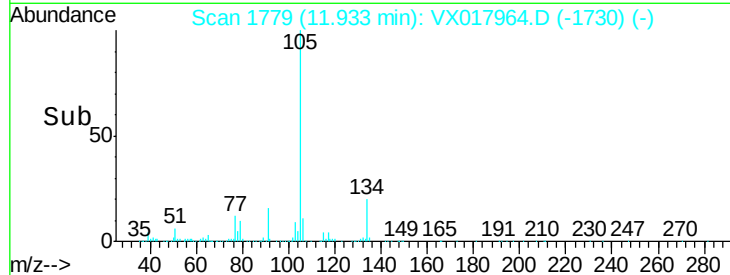


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 4.009 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017964.D

Acq: 18 Aug 2020 18:12

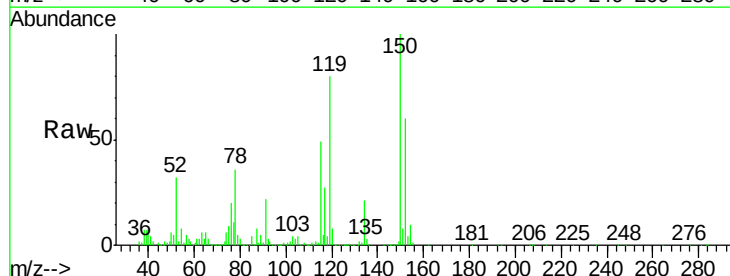
Tgt Ion:119 Resp: 89038

Ion Ratio Lower Upper

119 100

134 26.6 12.7 38.0

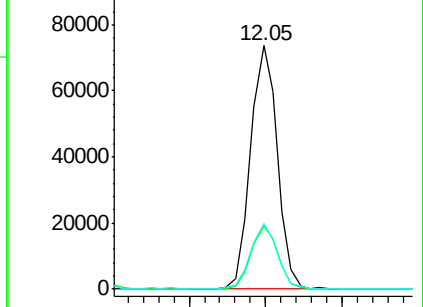
91 27.2 12.2 36.4



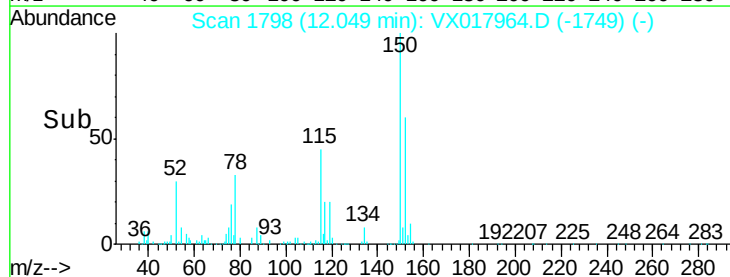
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

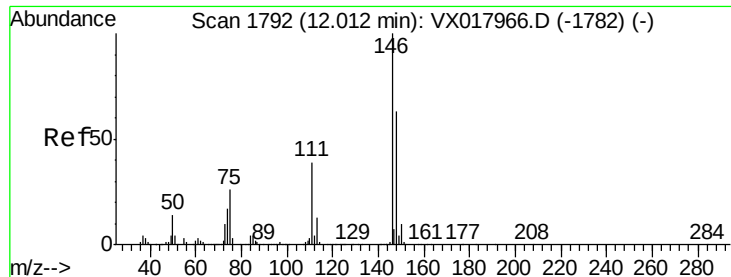
Ion 91.00 (90.70 to 91.70): V



Time-->







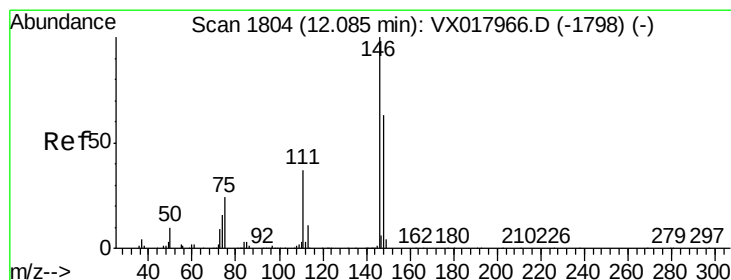
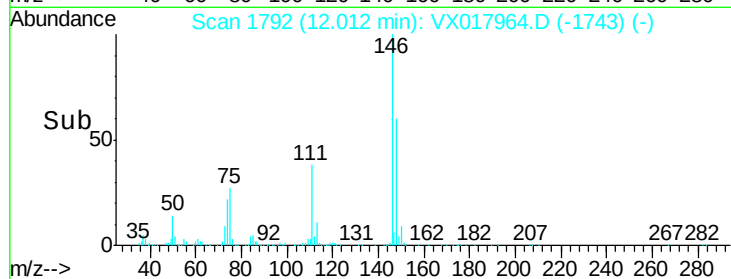
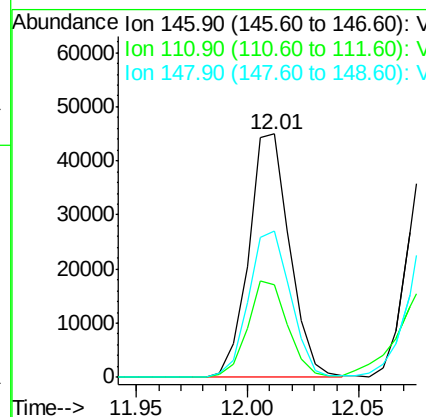
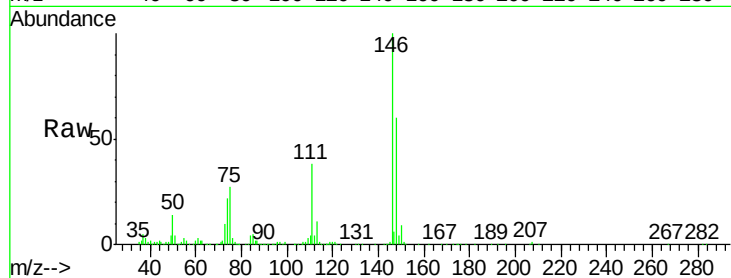
#87  
 1,3-Dichlorobenzene  
 Concen: 4.913 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.8  | 20.1  | 60.3  |
| 148     | 62.5  | 31.6  | 95.0  |

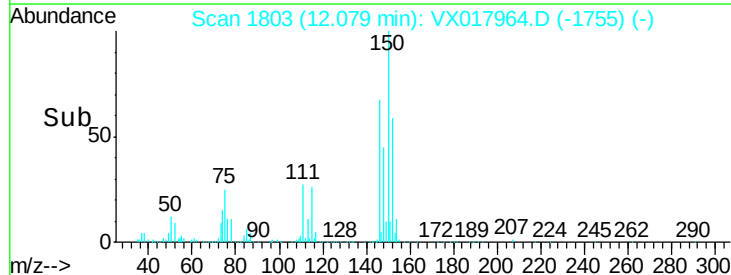
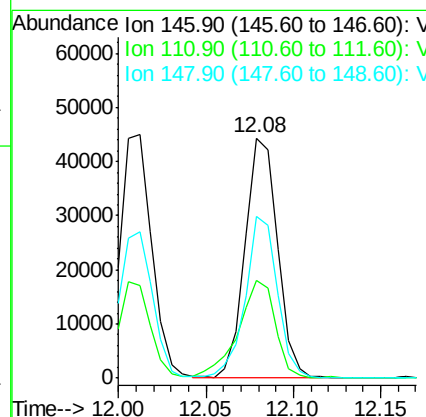
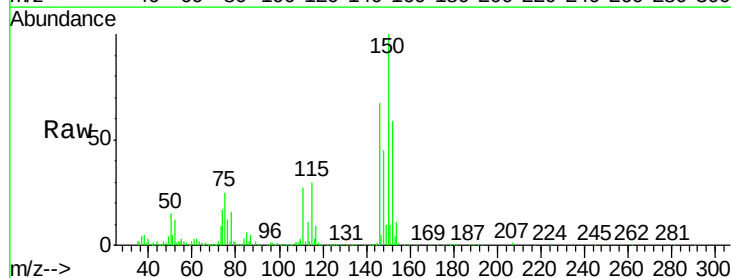
Manual Integrations  
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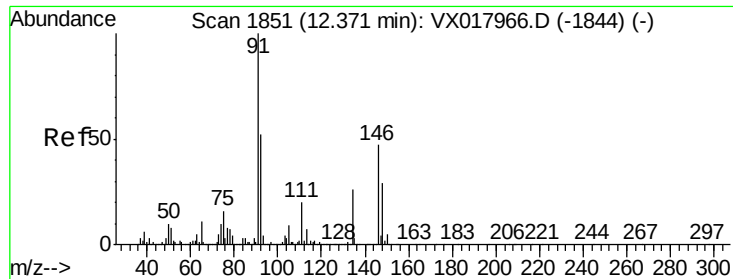
MMDadoda  
 8/19/2020 8:53:35 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 4.727 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.01 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 45.7  | 19.7  | 59.1  |
| 148     | 66.2  | 31.9  | 95.7  |





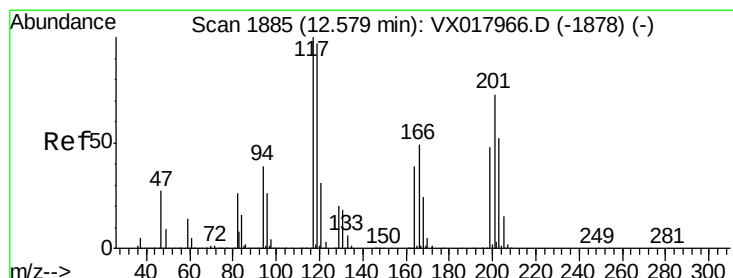
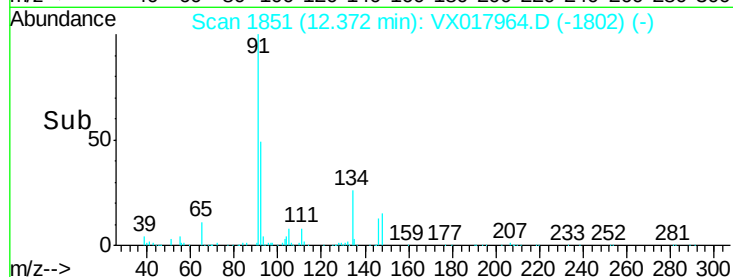
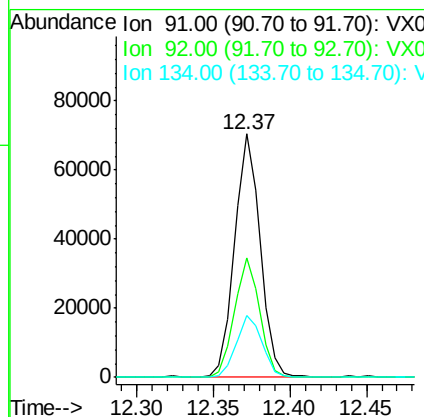
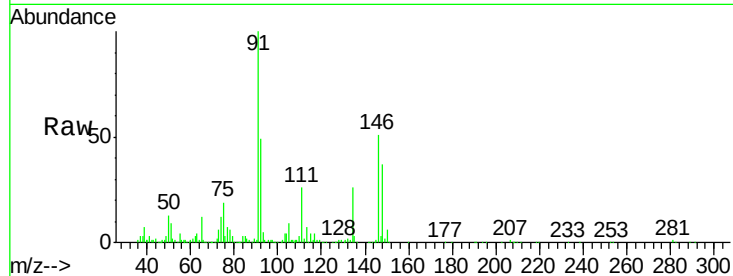
#89  
n-Butylbenzene  
Concen: 4.132 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 48.4  | 25.7  | 77.0  |
| 134     | 25.6  | 13.4  | 40.2  |

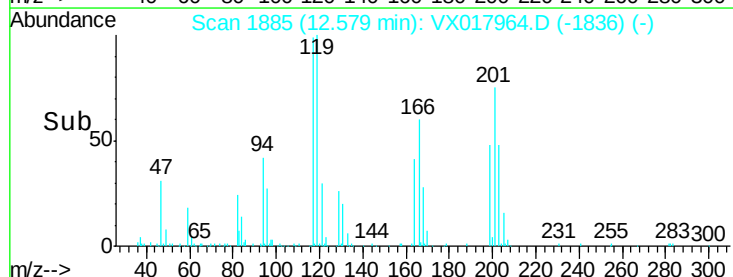
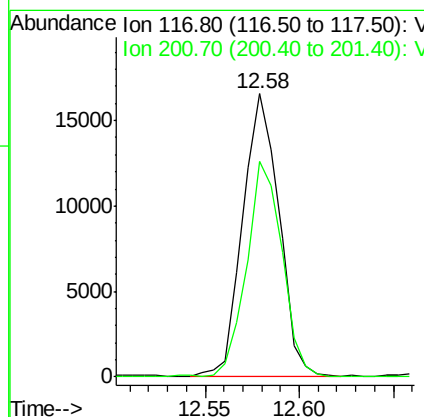
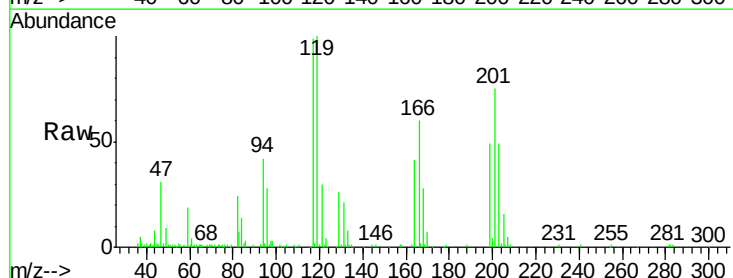
Manual Integrations  
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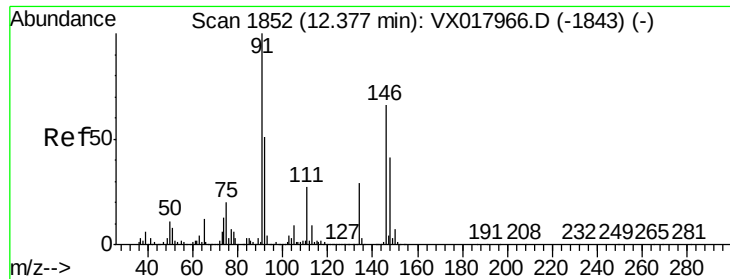
MMDadoda  
8/19/2020 8:53:35 AM



#90  
Hexachloroethane  
Concen: 5.037 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 74.6  | 40.8  | 122.2 |





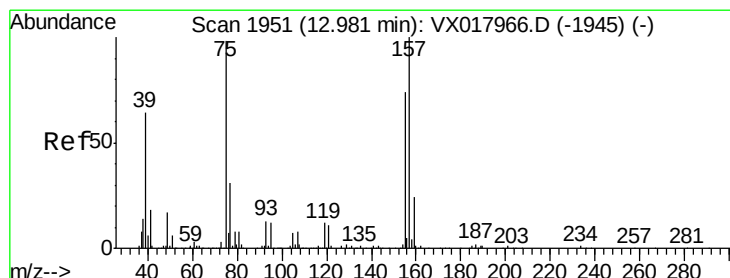
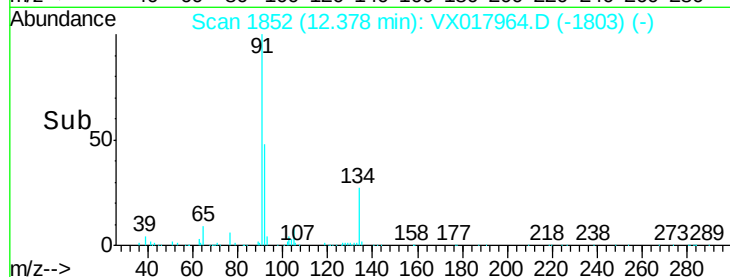
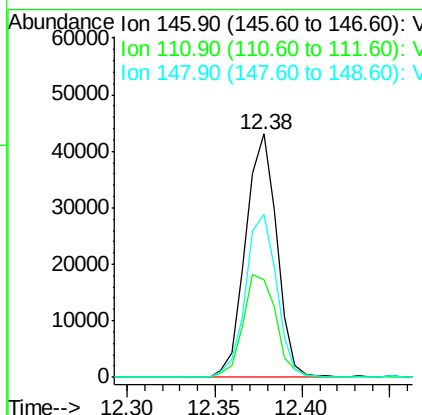
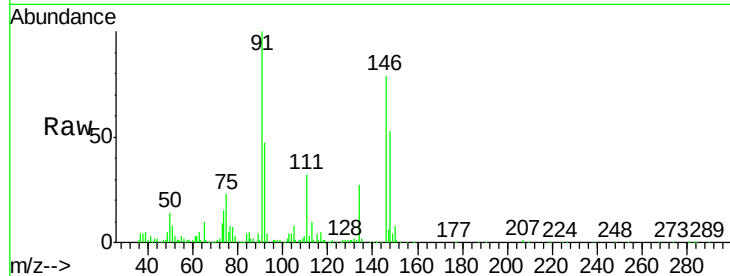
#91  
 1,2-Dichlorobenzene  
 Concen: 4.653 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. 0.00 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.5  | 20.6  | 61.9  |
| 148     | 67.0  | 31.2  | 93.6  |

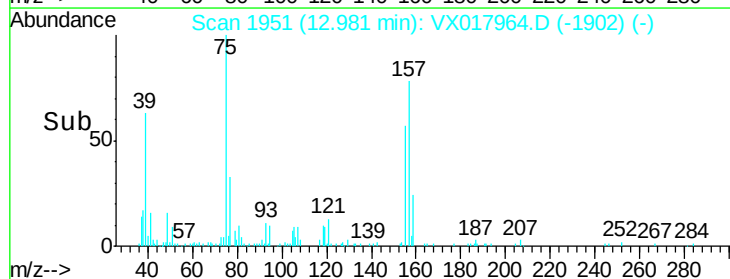
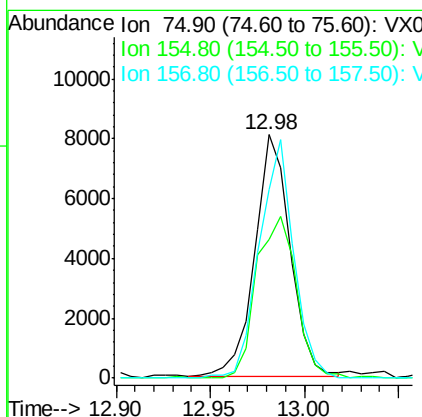
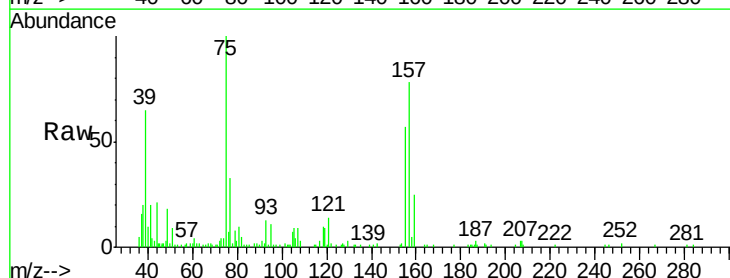
Manual Integrations  
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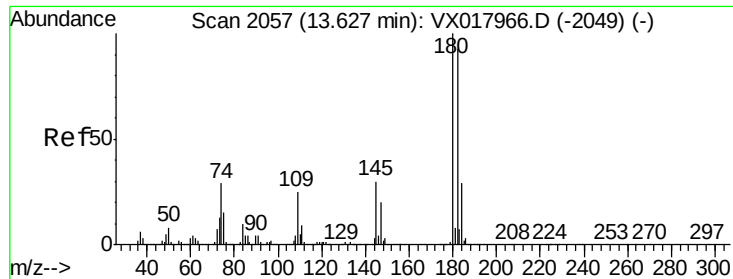
MMDadoda  
 8/19/2020 8:53:35 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 4.940 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. 0.00 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 75.7  | 40.5  | 121.5 |
| 157     | 95.3  | 54.4  | 163.2 |





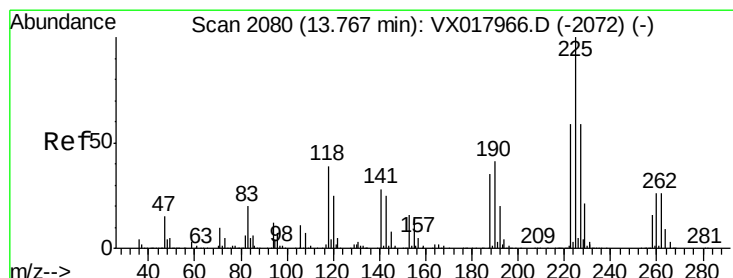
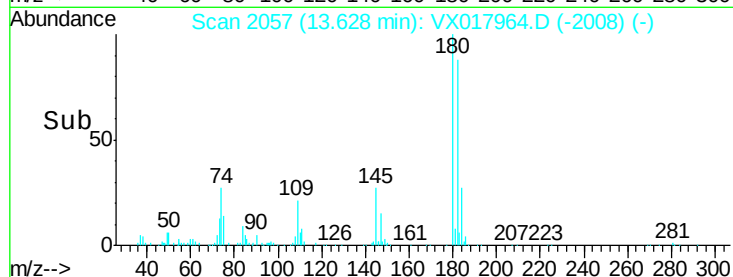
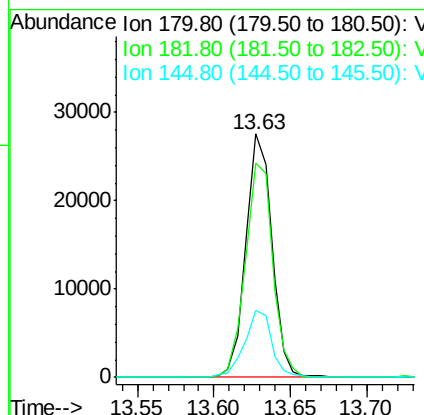
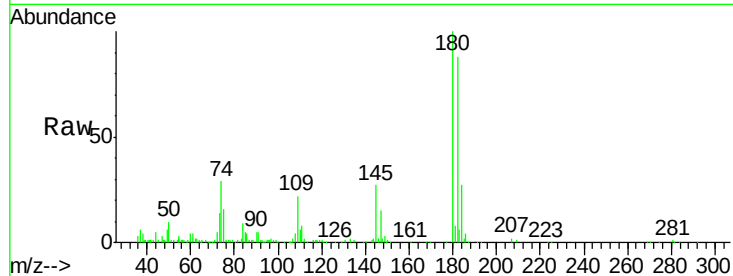
#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.221 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 180   | Resp: | 32687 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 92.5  | 48.8  | 146.4 |
| 145       | 28.7  | 16.0  | 48.0  |

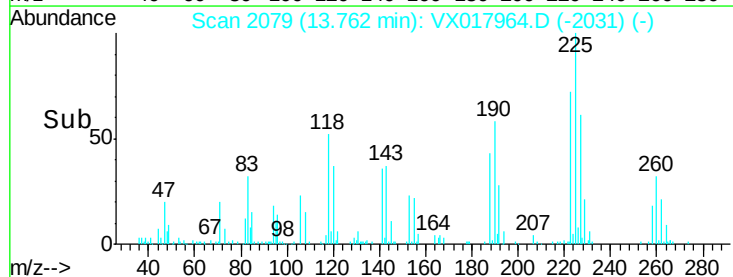
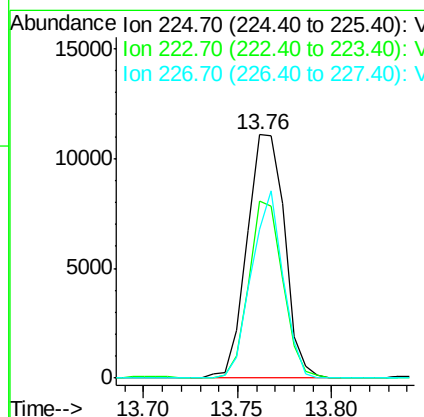
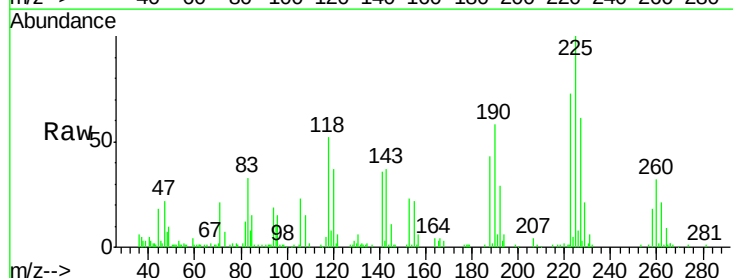
Manual Integrations  
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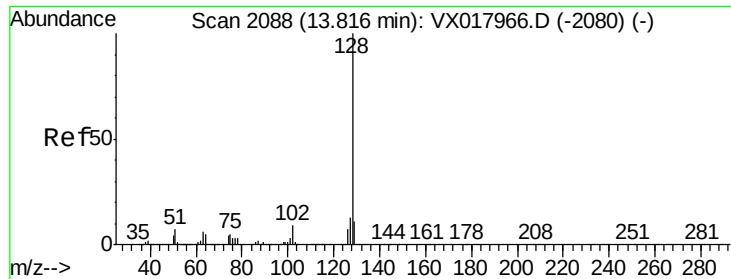
MMDadoda  
 8/19/2020 8:53:35 AM



#94  
 Hexachlorobutadiene  
 Concen: 4.300 ug/l  
 RT: 13.76 min Scan# 2079  
 Delta R.T. -0.01 min  
 Lab File: VX017964.D  
 Acq: 18 Aug 2020 18:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 15299 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 66.0  | 32.1  | 96.3  |
| 227       | 64.3  | 29.8  | 89.5  |





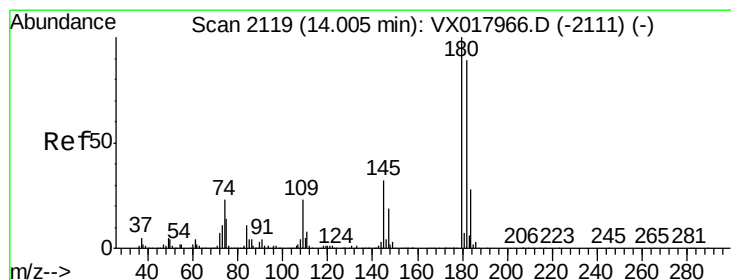
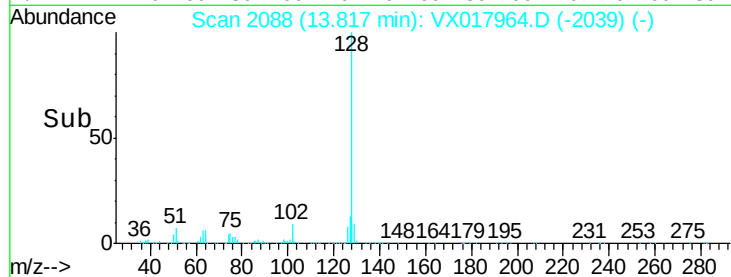
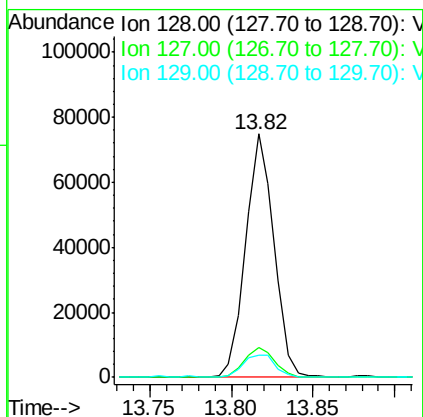
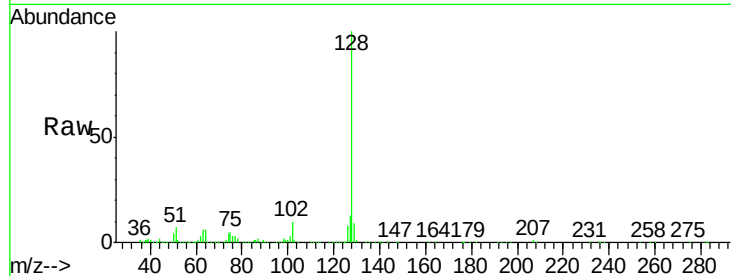
#95  
Naphthalene  
Concen: 3.904 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

|             |       |       |
|-------------|-------|-------|
| Tot Ion:128 | Resp: | 90921 |
| Ion Ratio   | Lower | Upper |
| 128 100     |       |       |
| 127 13.3    | 10.7  | 16.1  |
| 129 10.7    | 8.6   | 13.0  |

Manual Integrations  
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8/19/2020 8:53:35 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 4.233 ug/l  
RT: 14.00 min Scan# 2118  
Delta R.T. -0.01 min  
Lab File: VX017964.D  
Acq: 18 Aug 2020 18:12

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:180 | Resp: | 32753 |
| Ion Ratio   | Lower | Upper |
| 180 100     |       |       |
| 182 94.0    | 46.6  | 139.8 |
| 145 33.2    | 16.8  | 50.4  |

