

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\  
 Data File : VX017995.D  
 Acq On : 19 Aug 2020 19:07  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 8/20/2020 9:17:14 AM

Quant Time: Aug 20 05:29:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 19 05:36:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 459220   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 692731   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 683166   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 344616   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.04   | 65  | 298468   | 44.34 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 88.68% |      |
| 35) Dibromofluoromethane  | 5.47   | 113 | 228625   | 44.32 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 88.64% |      |
| 50) Toluene-d8            | 8.70   | 98  | 826749   | 45.34 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.68% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 319671   | 47.47 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.94% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 326191  | 47.065  | ug/l | 98     |
| 3) Chloromethane              | 1.31 | 50  | 301759  | 48.050  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.39 | 62  | 304141  | 46.921  | ug/l | 99     |
| 5) Bromomethane               | 1.62 | 94  | 188064  | 53.512  | ug/l | 99     |
| 6) Chloroethane               | 1.71 | 64  | 171304  | 49.740  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 466697  | 48.531  | ug/l | 100    |
| 8) Diethyl Ether              | 2.17 | 74  | 131727  | 47.001  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 210570  | 46.557  | ug/l | 99     |
| 10) Methyl Iodide             | 2.49 | 142 | 232942  | 39.940  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.02 | 59  | 309672  | 238.257 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 194026  | 46.875  | ug/l | 96     |
| 13) Acrolein                  | 2.28 | 56  | 124870  | 181.871 | ug/l | 99     |
| 14) Allyl chloride            | 2.71 | 41  | 338537  | 45.858  | ug/l | 99     |
| 15) Acrylonitrile             | 3.12 | 53  | 699502  | 246.435 | ug/l | 99     |
| 16) Acetone                   | 2.42 | 43  | 580124  | 219.049 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.55 | 76  | 488670  | 48.658  | ug/l | 100    |
| 18) Methyl Acetate            | 2.75 | 43  | 312828  | 46.942  | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 815416  | 51.526  | ug/l | 100    |
| 20) Methylene Chloride        | 2.84 | 84  | 218718  | 44.825  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 209049  | 49.127  | ug/l | 96     |
| 22) Diisopropyl ether         | 3.82 | 45  | 769471  | 49.722  | ug/l | 89     |
| 23) Vinyl Acetate             | 3.79 | 43  | 2828732 | 239.191 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 406859  | 47.426  | ug/l | 98     |
| 25) 2-Butanone                | 4.64 | 43  | 956842  | 238.648 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 4.56 | 77  | 348200  | 44.572  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.57 | 96  | 254110  | 50.623  | ug/l | 98     |
| 28) Bromochloromethane        | 4.98 | 49  | 194279  | 43.821  | ug/l | 98     |
| 29) Tetrahydrofuran           | 5.10 | 42  | 582171  | 233.793 | ug/l | 98     |
| 30) Chloroform                | 5.18 | 83  | 432455  | 46.120  | ug/l | 98     |
| 31) Cyclohexane               | 5.56 | 56  | 363770  | 52.292  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 398472  | 46.844  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 293816  | 50.674  | ug/l | 98     |
| 37) Ethyl Acetate             | 4.80 | 43  | 326677  | 47.089  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 374991  | 49.971  | ug/l | 100    |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 8/20/2020 9:17:14 AM

Quant Time: Aug 20 05:29:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 19 05:36:51 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 350925   | 47.300  | ug/l   | 97       |
| 40) Benzene                    | 6.11  | 78   | 835302   | 47.831  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.01  | 41   | 196772   | 49.486  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 367340   | 49.520  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.42  | 43   | 582461   | 52.010  | ug/l   | 99       |
| 44) Trichloroethene            | 7.19  | 130  | 243662   | 47.049  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 235252   | 47.016  | ug/l   | 99       |
| 46) Dibromomethane             | 7.63  | 93   | 166845   | 47.777  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.88  | 83   | 355969   | 46.955  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.74  | 41   | 278307   | 50.129  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.72  | 88   | 99592    | 876.224 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 1747406  | 231.745 | ug/l   | 100      |
| 52) Toluene                    | 8.77  | 92   | 530547   | 46.435  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 381182   | 47.540  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 426487   | 51.013  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 248949   | 47.428  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 374816   | 50.505  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 433897   | 52.049  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 799325   | 222.417 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 1392860  | 243.783 | ug/l   | 97       |
| 60) Dibromochloromethane       | 9.57  | 129  | 315634   | 48.148  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 9.66  | 107  | 274872   | 47.277  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 246294   | 47.208  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.12 | 112  | 700154   | 51.631  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 294489   | 51.337  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.24 | 91   | 1187220  | 53.107  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.34 | 106  | 900981   | 104.686 | ug/l   | 96       |
| 69) o-Xylene                   | 10.68 | 106  | 420247   | 50.636  | ug/l   | 97       |
| 70) Styrene                    | 10.70 | 104  | 746440   | 52.132  | ug/l   | 99       |
| 71) Bromoform                  | 10.84 | 173  | 248669   | 48.298  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.01 | 105  | 1124609  | 50.701  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 487325   | 49.394  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 394692   | 51.008  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 372091m  | 50.772  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 328542   | 53.386  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.34 | 91   | 1306418  | 50.356  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 792138   | 50.102  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 990621   | 50.878  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 136218   | 48.829  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 943572   | 50.749  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 984761   | 53.557  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 1008994  | 50.057  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 1130873  | 50.949  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 1084017  | 52.501  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 556369   | 49.672  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 543230   | 49.505  | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.37 | 91   | 987671   | 57.796  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 222167   | 54.101  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 578080   | 55.908  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 94994    | 48.194  | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

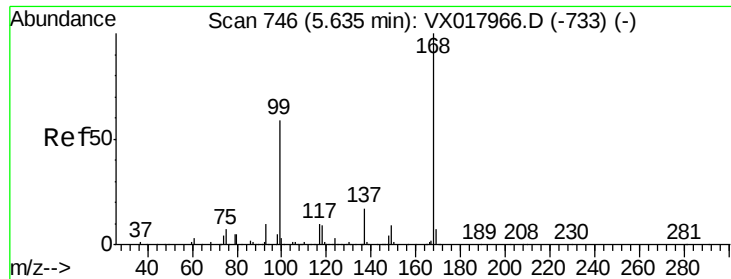
MMDadoda  
8/20/2020 9:17:14 AM

Quant Time: Aug 20 05:29:52 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 19 05:36:51 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 380705   | 55.968 | ug/l  | 95       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 147913   | 50.953 | ug/l  | 97       |
| 95) Naphthalene            | 13.82 | 128  | 1183532  | 55.120 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 372941   | 53.917 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 459220

Ion Ratio Lower Upper

168 100

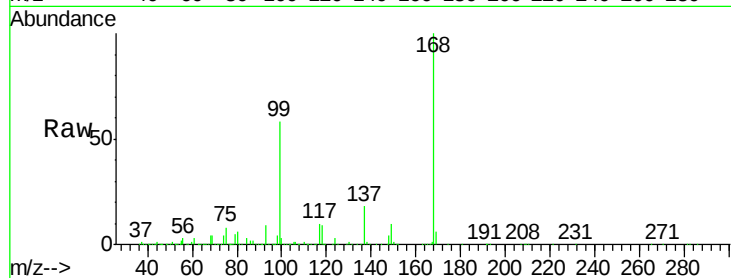
99 57.6 47.4 71.2

Manual Integrations

APPROVED

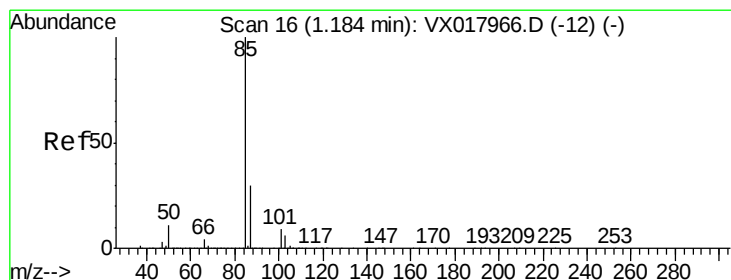
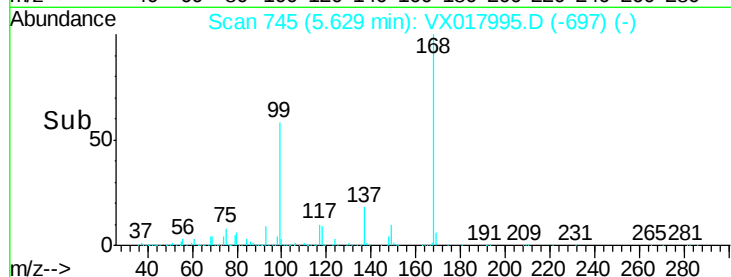
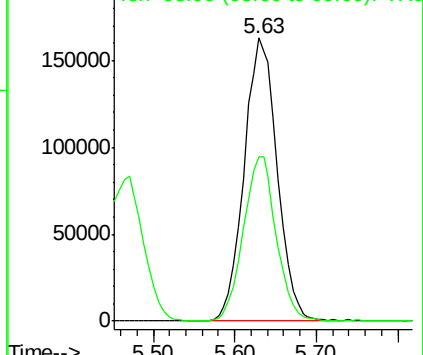
MMDadoda

8/20/2020 9:17:14 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.065 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017995.D

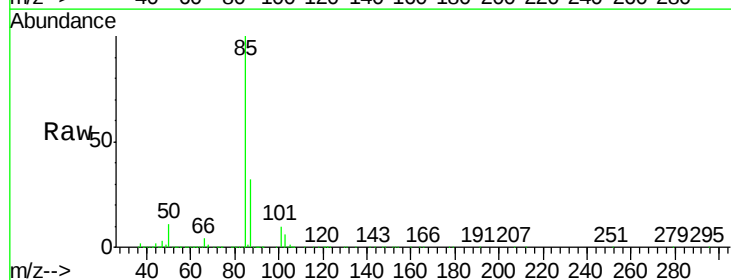
Acq: 19 Aug 2020 19:07

Tgt Ion: 85 Resp: 326191

Ion Ratio Lower Upper

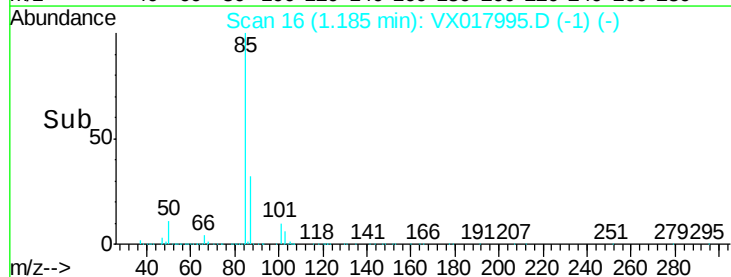
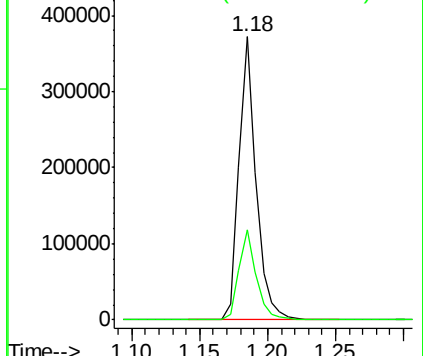
85 100

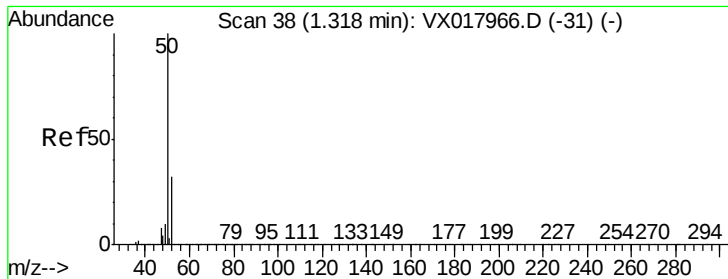
87 31.8 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.050 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 301759

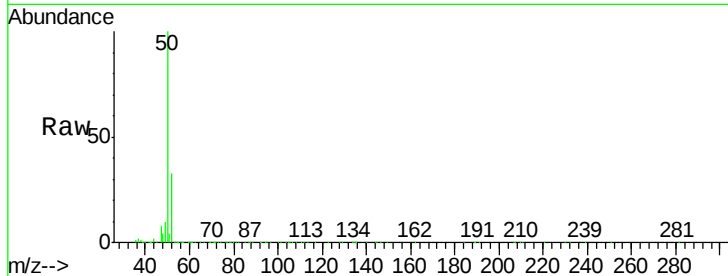
Ion Ratio Lower Upper

50 100

52 33.1 25.4 38.0

Manual Integrations  
APPROVED

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8/20/2020 9:17:14 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

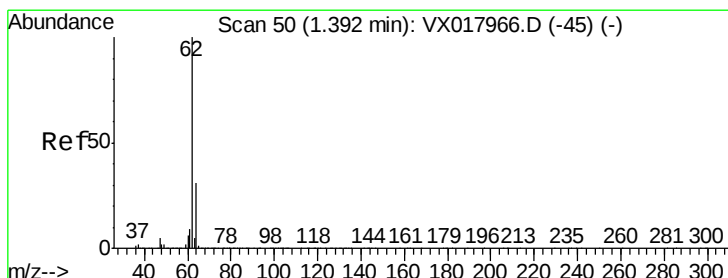
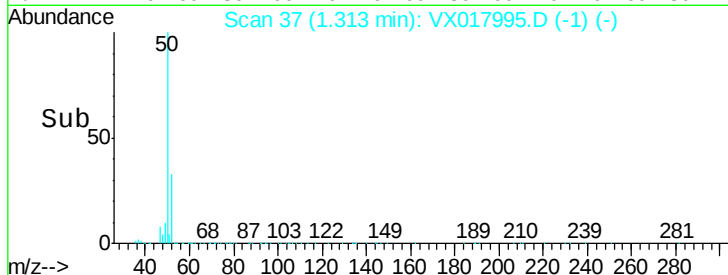
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 46.921 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017995.D

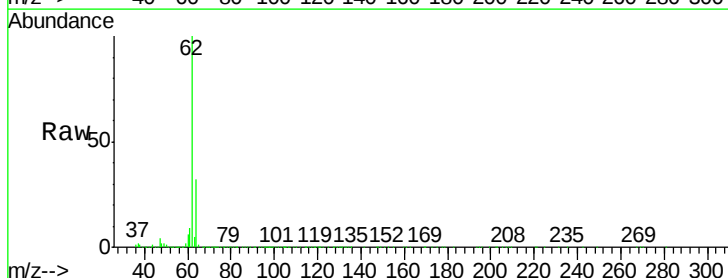
Acq: 19 Aug 2020 19:07

Tgt Ion: 62 Resp: 304141

Ion Ratio Lower Upper

62 100

64 31.5 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

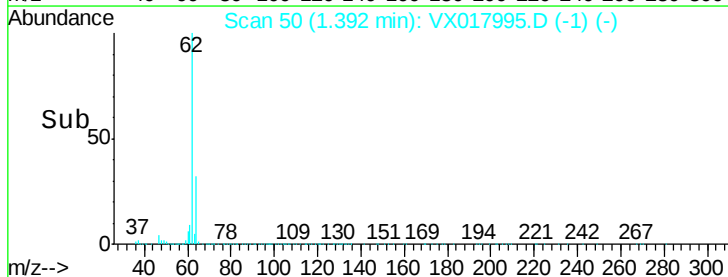
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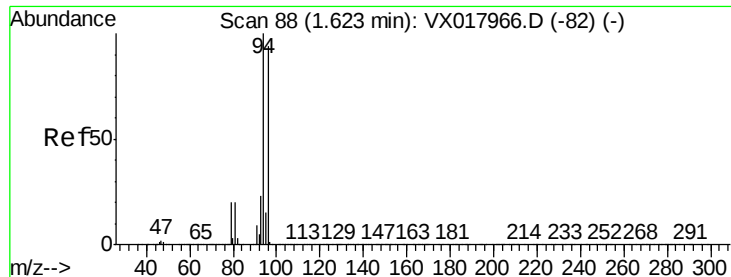
200000

100000

0

Time-->





#5

Bromomethane

Concen: 53.512 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 188064

Ion Ratio Lower Upper

94 100

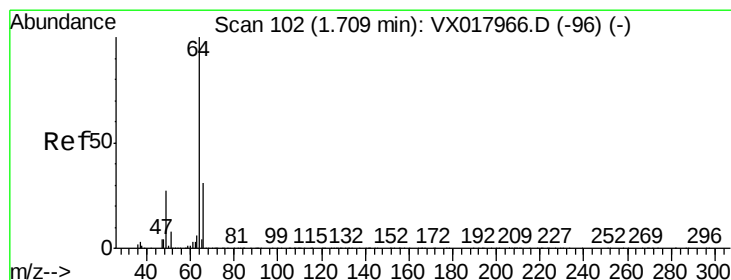
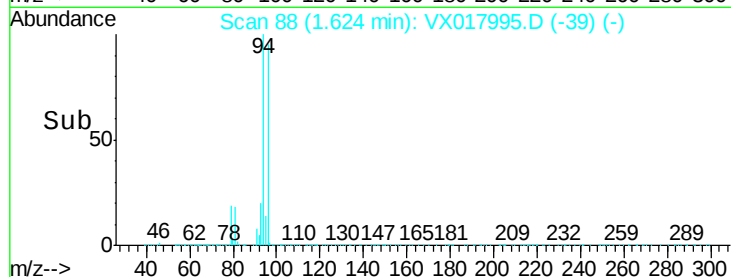
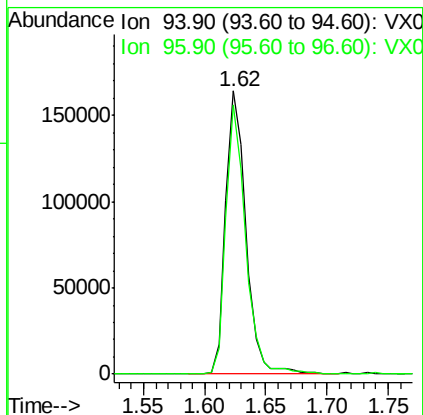
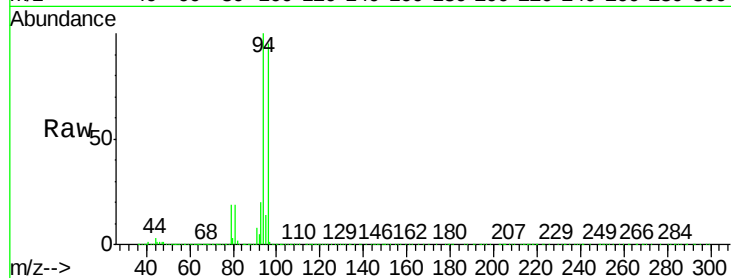
96 95.3 75.5 113.3

Manual Integrations

APPROVED

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8/20/2020 9:17:14 AM



#6

Chloroethane

Concen: 49.740 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017995.D

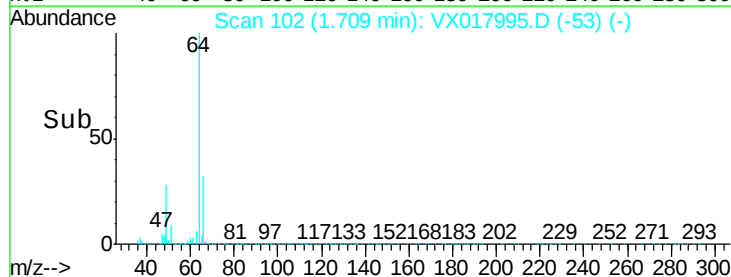
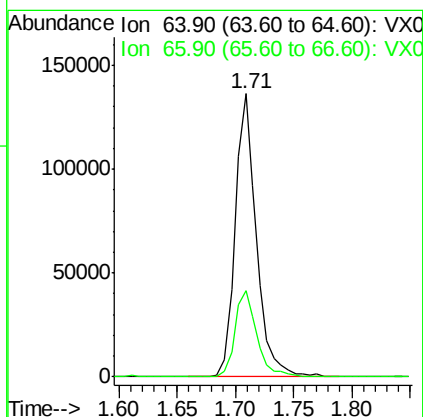
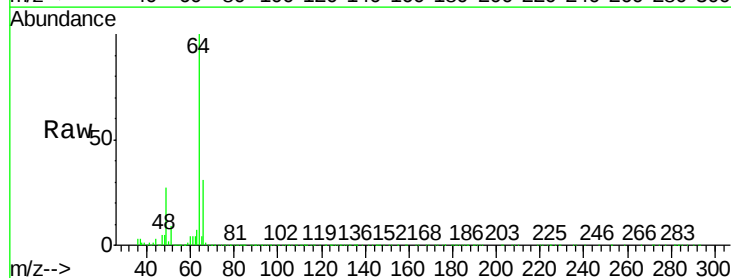
Acq: 19 Aug 2020 19:07

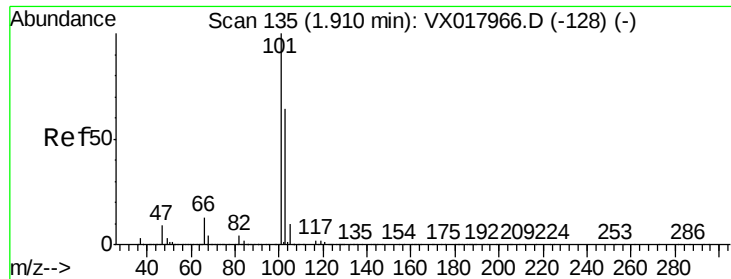
Tgt Ion: 64 Resp: 171304

Ion Ratio Lower Upper

64 100

66 30.5 25.0 37.4





#7

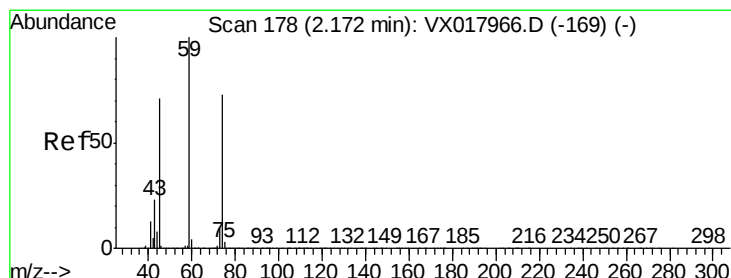
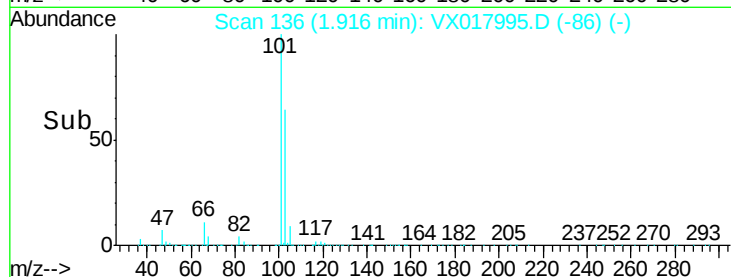
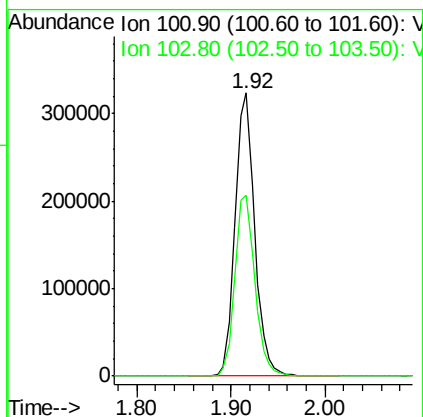
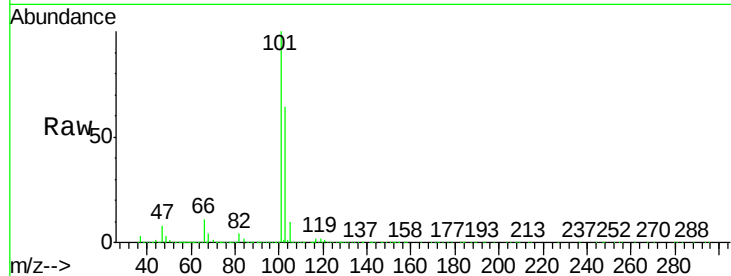
Trichlorofluoromethane  
Concen: 48.531 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. 0.01 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 466697 |       |       |
| 103     | 64.0  | 51.2   | 76.8  |       |

Manual Integrations  
APPROVED

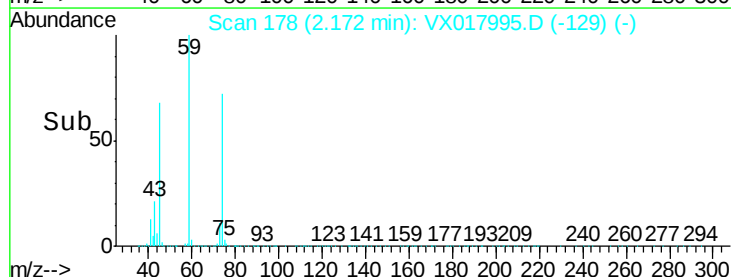
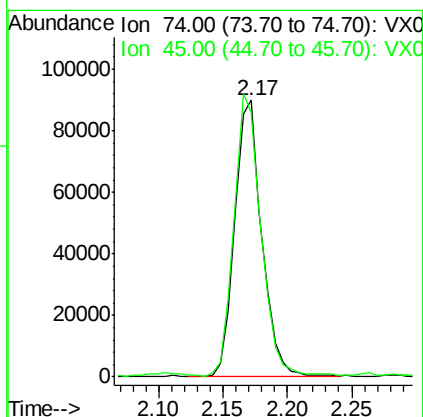
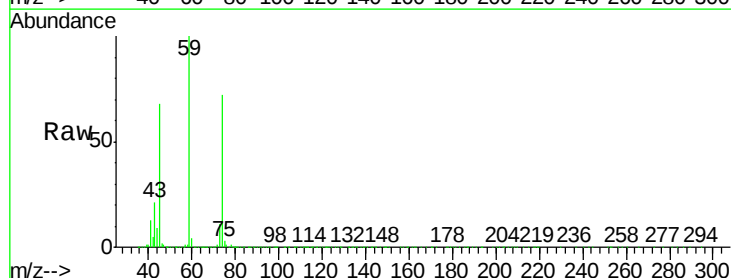
MMDadoda  
8/20/2020 9:17:14 AM

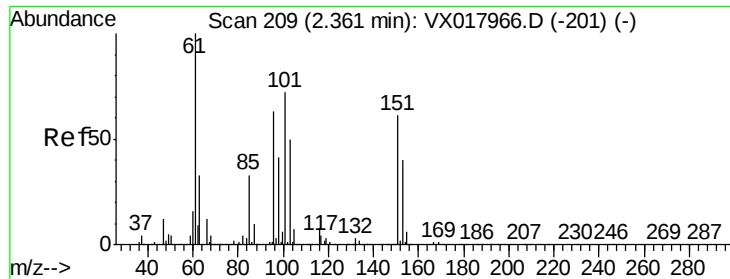


#8

Diethyl Ether  
Concen: 47.001 ug/l  
RT: 2.17 min Scan# 178  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 74      | 100   | 131727 |       |       |
| 45      | 101.2 | 50.5   | 151.6 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.557 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

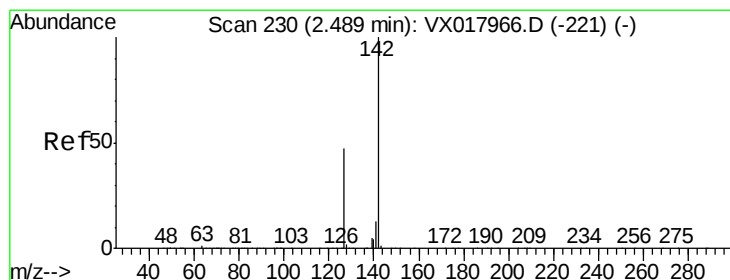
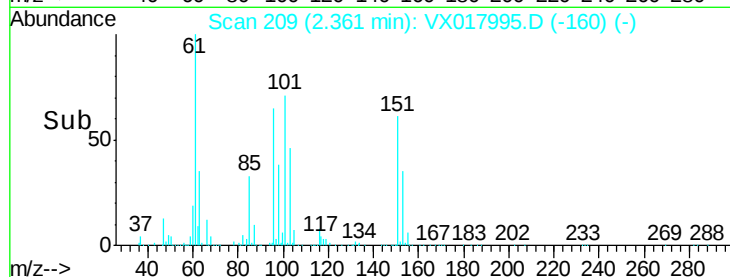
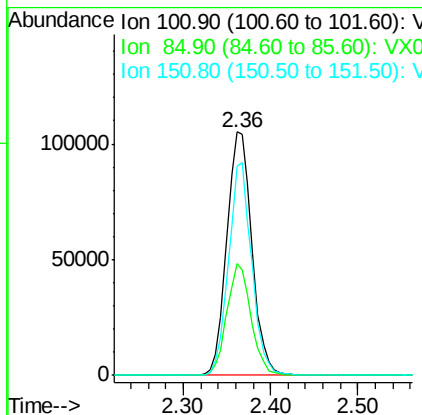
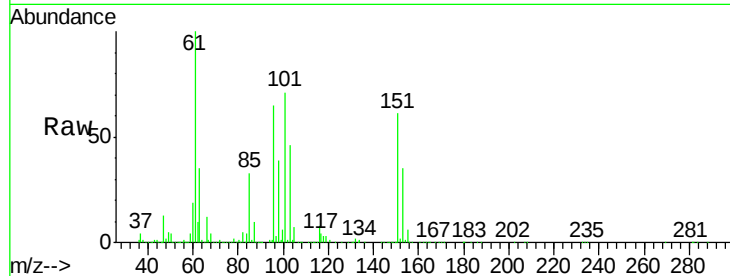
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 210570 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.1  | 35.4  | 53.2   |
| 151       | 80.9  | 65.4  | 98.0   |

Manual Integrations  
APPROVED

MMDadoda  
8/20/2020 9:17:14 AM



#10

Methyl Iodide

Concen: 39.940 ug/l

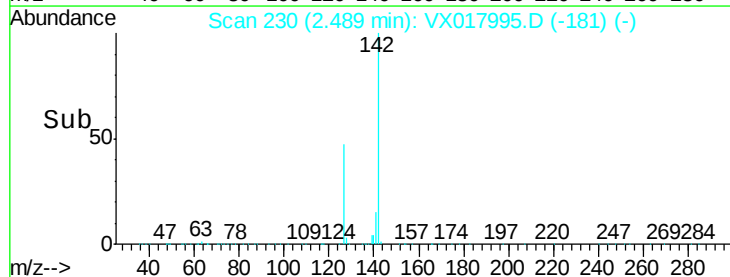
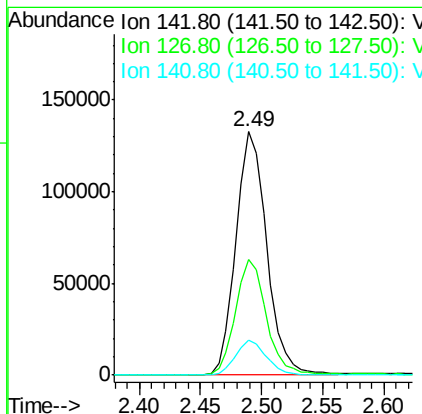
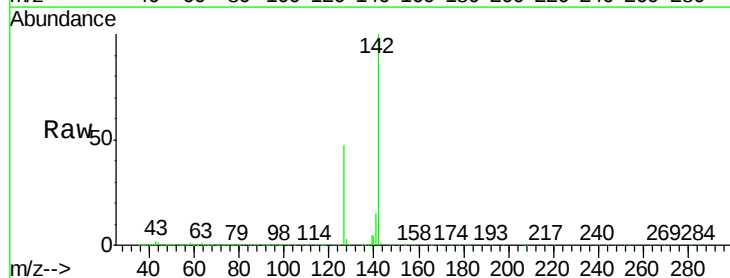
RT: 2.49 min Scan# 230

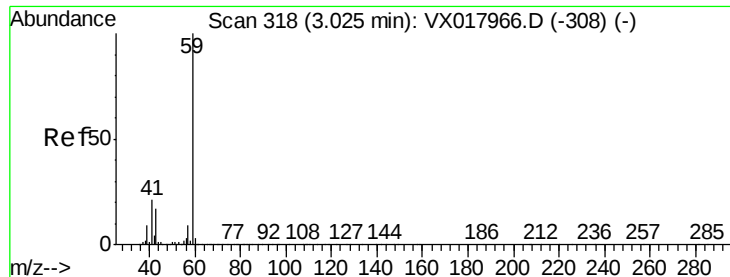
Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 232942 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 47.5  | 38.0  | 57.0   |
| 141       | 14.7  | 11.2  | 16.8   |





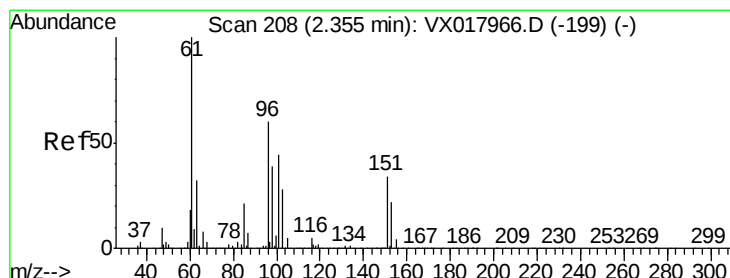
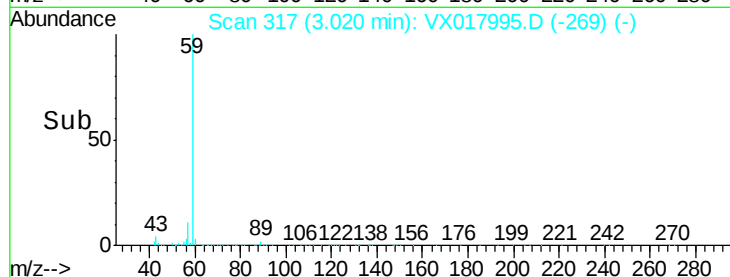
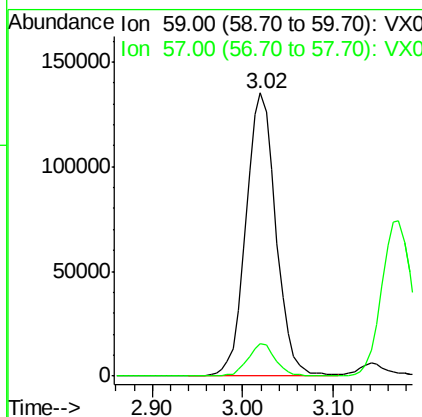
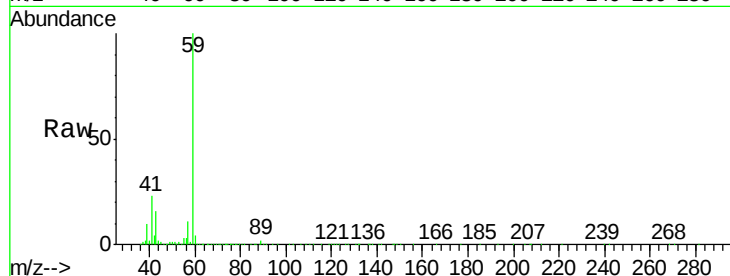
#11  
Tert butyl alcohol  
Concen: 238.257 ug/l  
RT: 3.02 min Scan# 317  
Delta R.T. -0.01 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.4  | 8.6   | 13.0  |

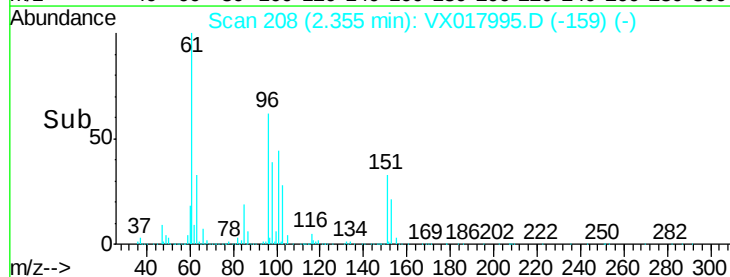
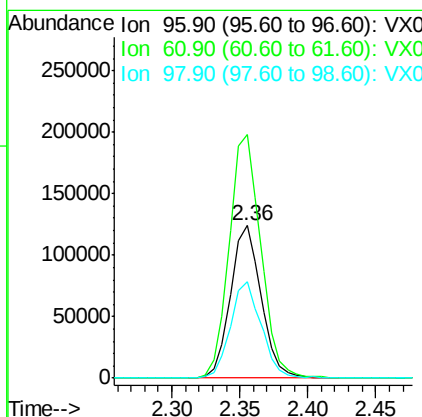
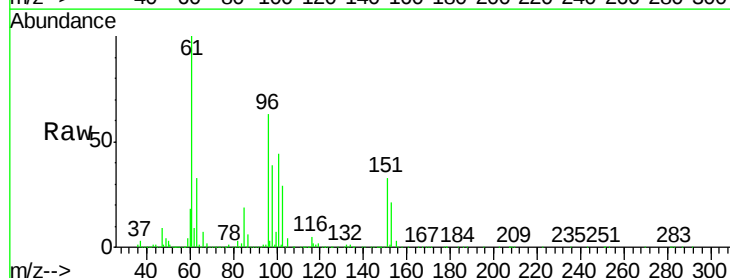
Manual Integrations  
APPROVED

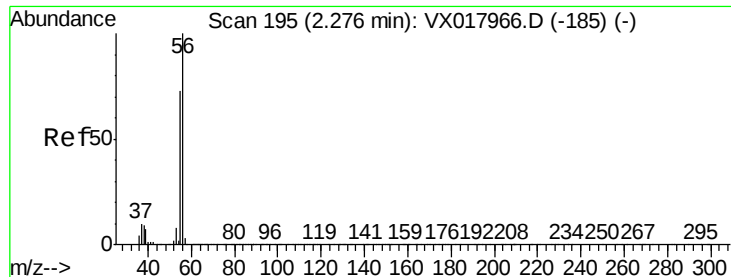
MMDadoda  
8/20/2020 9:17:14 AM



#12  
1,1-Dichloroethene  
Concen: 46.875 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 159.6 | 132.9 | 199.3 |
| 98      | 63.1  | 51.6  | 77.4  |





#13

Acrolein

Concen: 181.871 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 124870

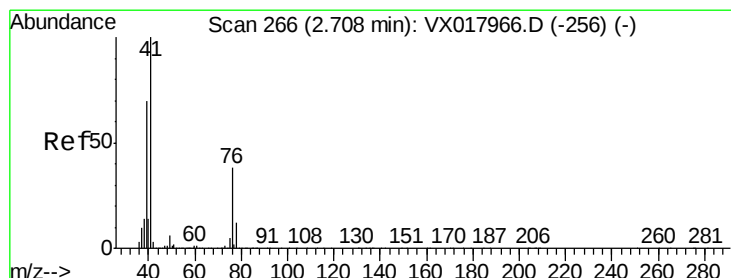
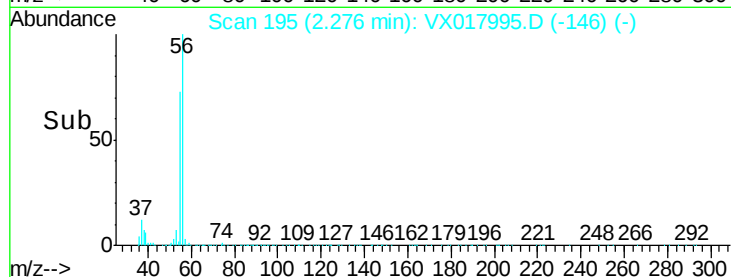
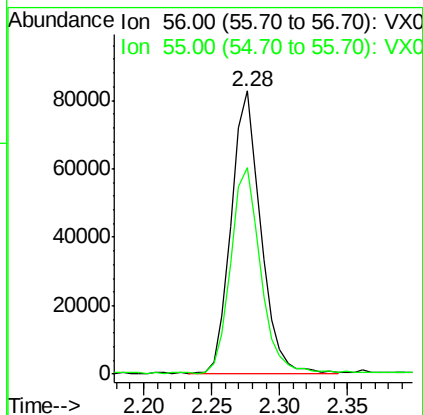
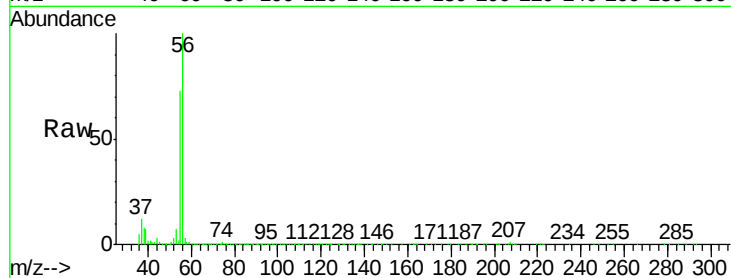
Ion Ratio Lower Upper

56 100

55 74.0 58.2 87.4

Manual Integrations  
APPROVED

MMDadoda  
8/20/2020 9:17:14 AM



#14

Allyl chloride

Concen: 45.858 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

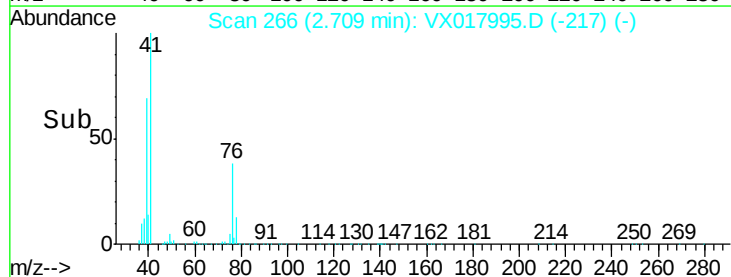
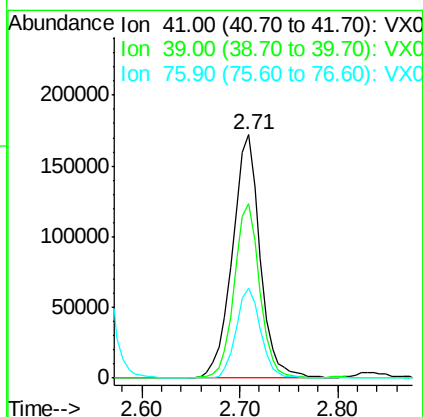
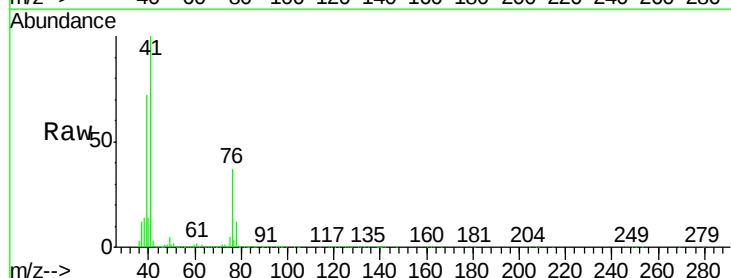
Tgt Ion: 41 Resp: 338537

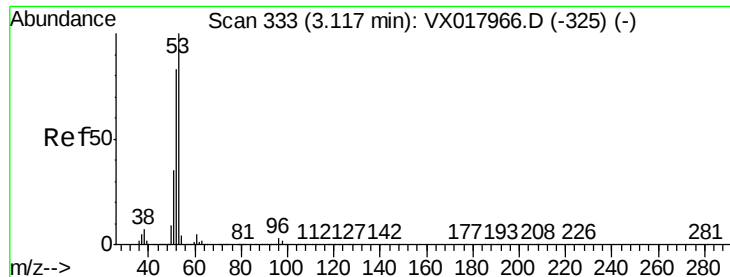
Ion Ratio Lower Upper

41 100

39 66.2 51.7 77.5

76 32.9 26.3 39.5





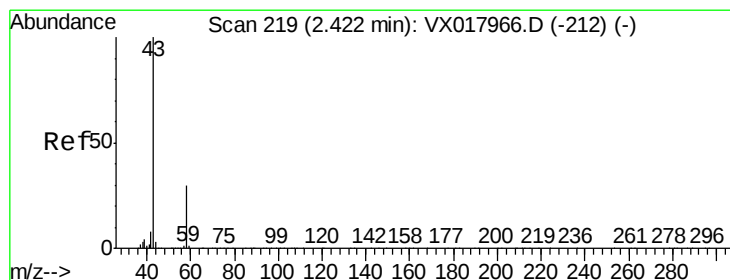
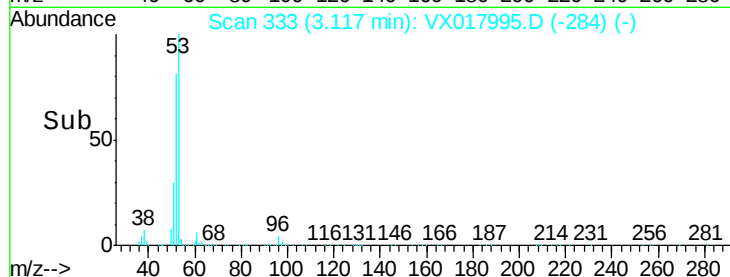
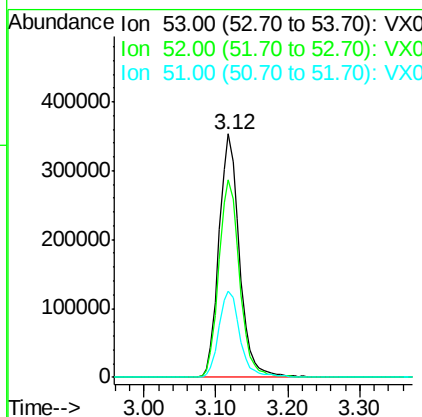
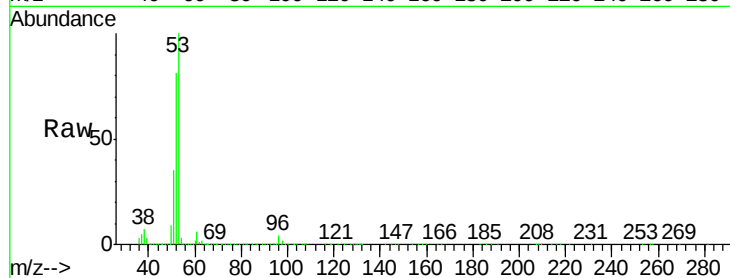
#15  
 Acrylonitrile  
 Concen: 246.435 ug/l  
 RT: 3.12 min Scan# 333  
 Delta R.T. 0.00 min  
 Lab File: VX017995.D  
 Acq: 19 Aug 2020 19:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 699502 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 82.2 | 67.1  | 100.7  |
| 51        | 36.5 | 29.2  | 43.8   |

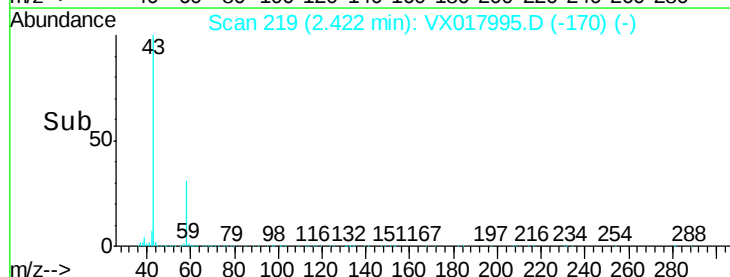
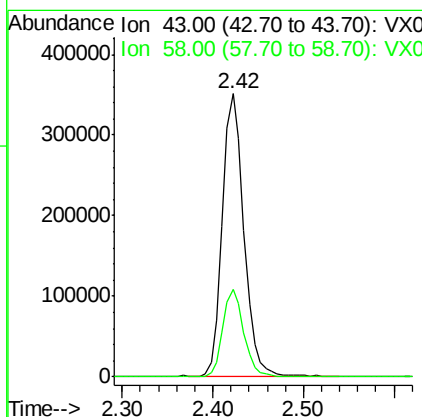
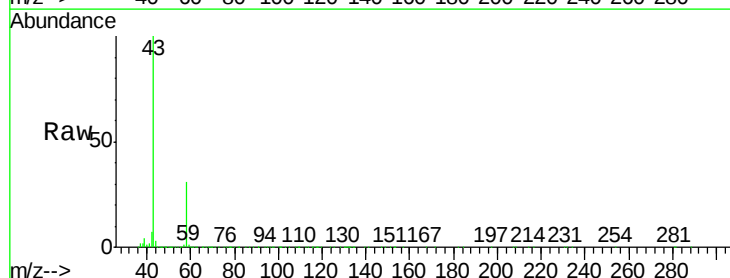
Manual Integrations  
 APPROVED

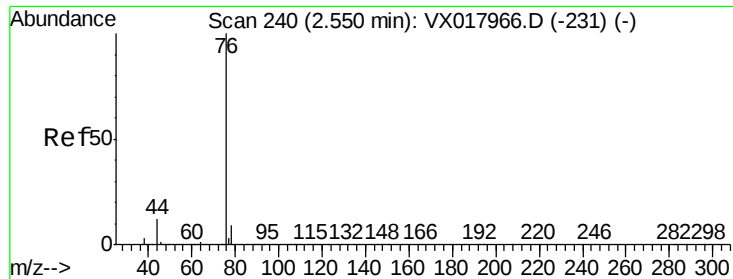
MMDadoda  
 8/20/2020 9:17:14 AM



#16  
 Acetone  
 Concen: 219.049 ug/l  
 RT: 2.42 min Scan# 219  
 Delta R.T. 0.00 min  
 Lab File: VX017995.D  
 Acq: 19 Aug 2020 19:07

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 580124 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 31.1 | 23.8  | 35.8   |





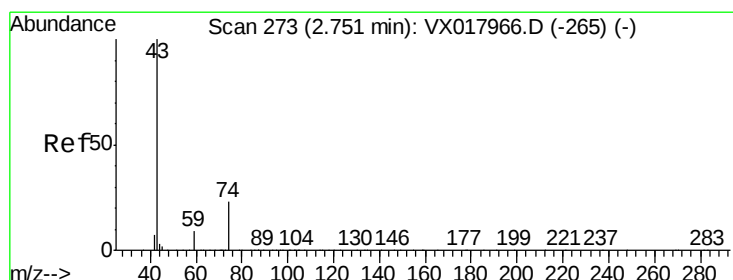
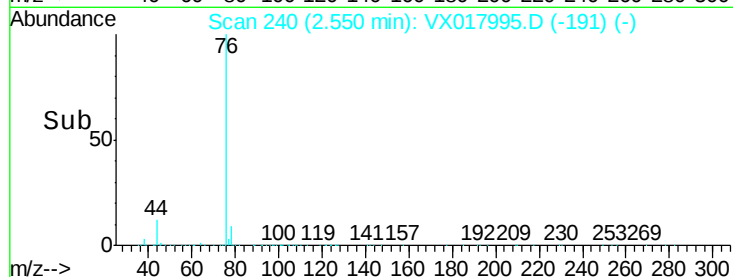
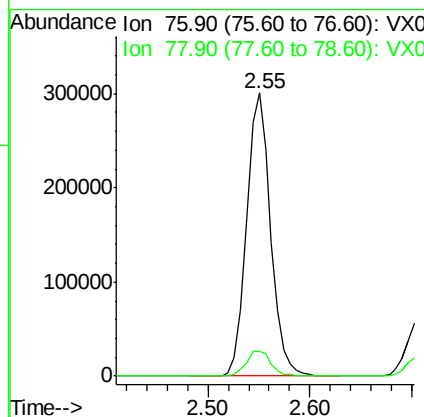
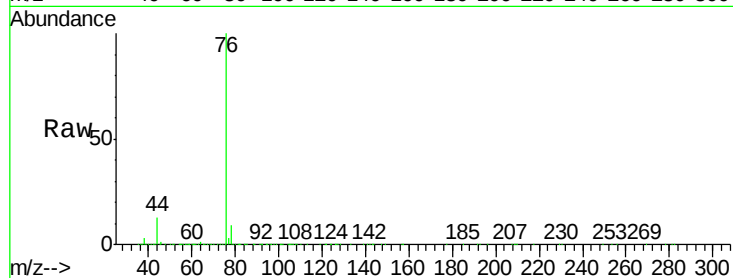
#17  
Carbon Disulfide  
Concen: 48.658 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.9   | 7.3   | 10.9  |

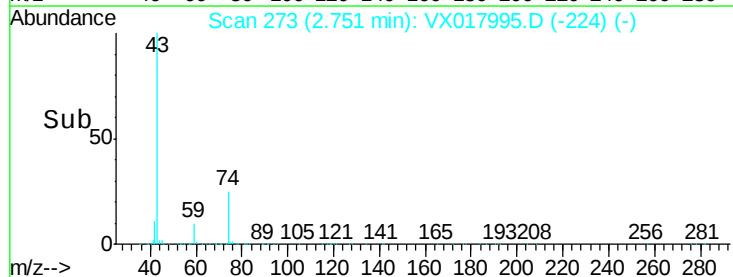
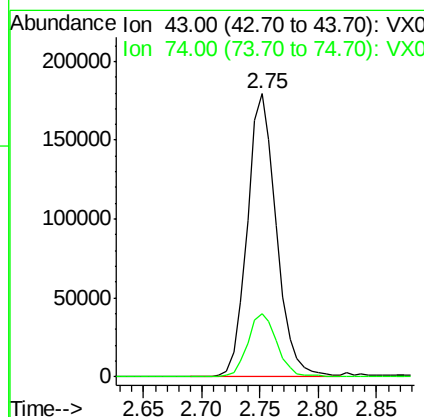
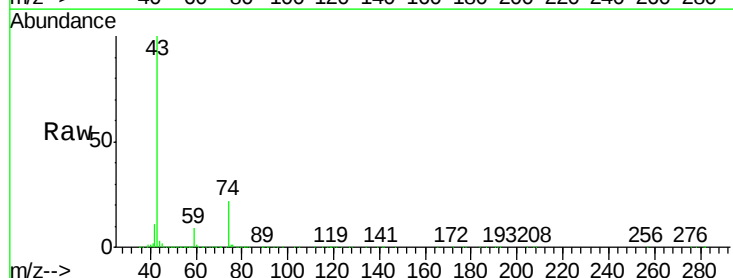
Manual Integrations  
APPROVED

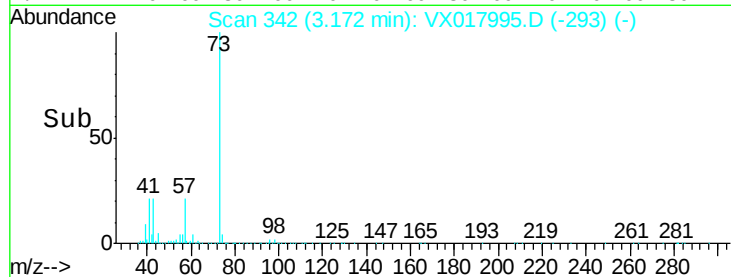
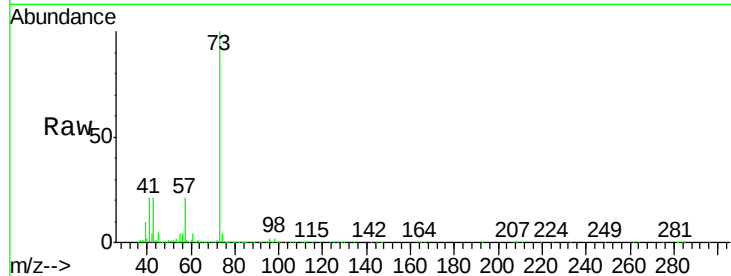
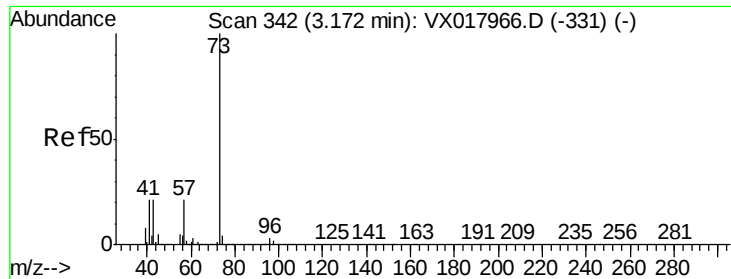
MMDadoda  
8/20/2020 9:17:14 AM



#18  
Methyl Acetate  
Concen: 46.942 ug/l  
RT: 2.75 min Scan# 273  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.0  | 19.7  | 29.5  |





#19

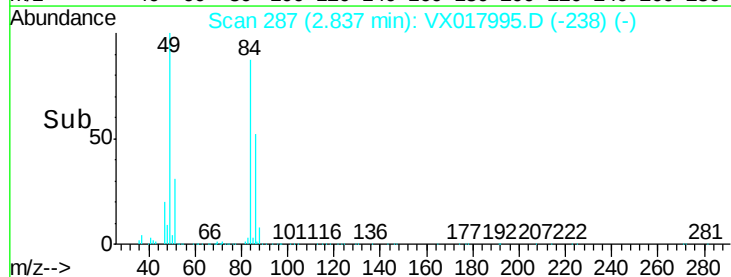
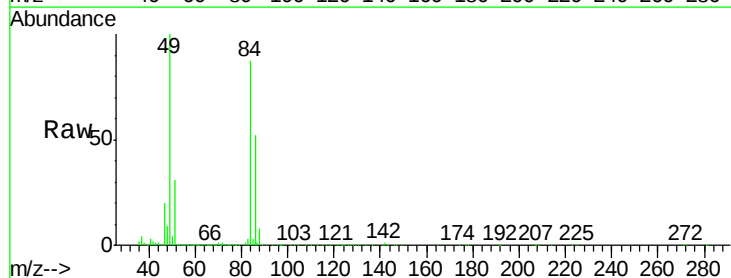
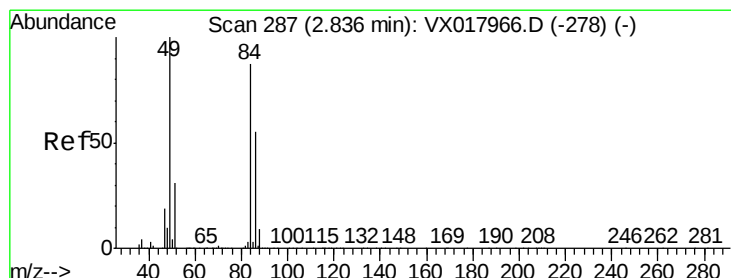
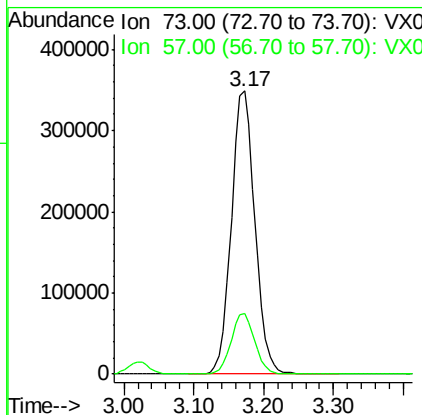
Methyl tert-butyl Ether  
Concen: 51.526 ug/l  
RT: 3.17 min Scan# 342  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

| Tot Ion   | 73   | Resp  | 815416 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 73        | 100  |       |        |
| 57        | 21.2 | 16.9  | 25.3   |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

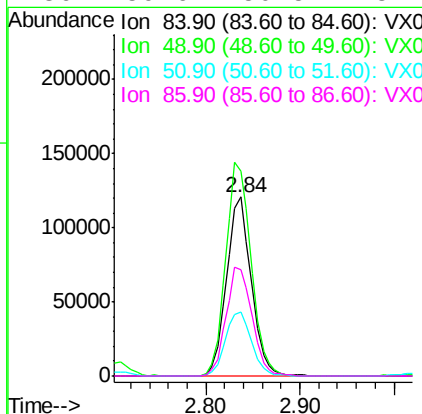
MMDadoda  
8/20/2020 9:17:14 AM

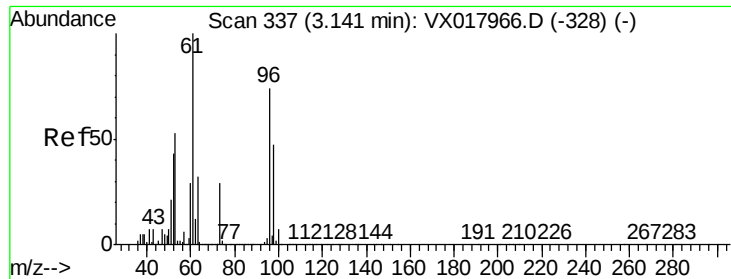


#20

Methylene Chloride  
Concen: 44.825 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

| Tgt Ion   | 84    | Resp  | 218718 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 84        | 100   |       |        |
| 49        | 114.2 | 91.8  | 137.6  |
| 51        | 35.8  | 27.8  | 41.8   |
| 86        | 59.6  | 50.5  | 75.7   |





#21

trans-1,2-Dichloroethene

Concen: 49.127 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

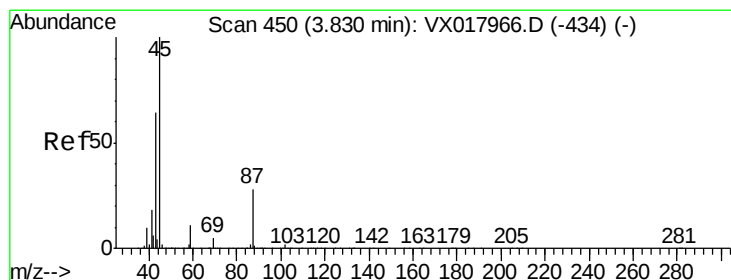
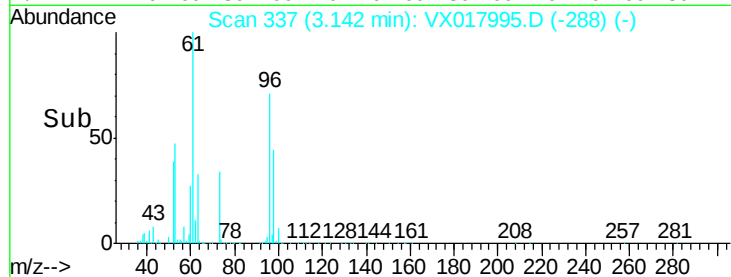
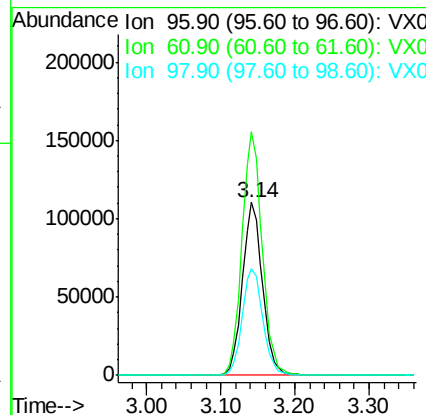
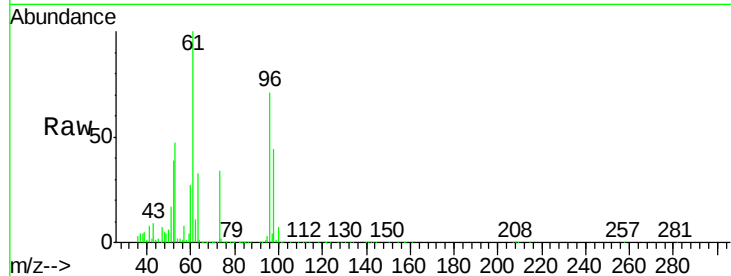
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 209049 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 140.7 | 108.6 | 163.0  |
| 98        | 61.6  | 51.4  | 77.0   |

Manual Integrations  
APPROVED

MMDadoda  
8/20/2020 9:17:14 AM



#22

Diisopropyl ether

Concen: 49.722 ug/l

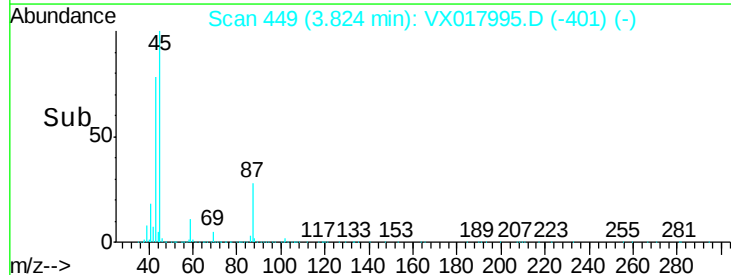
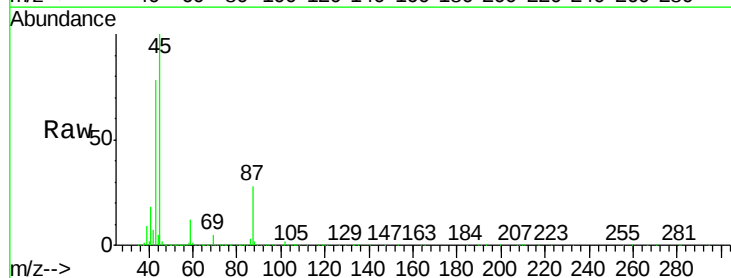
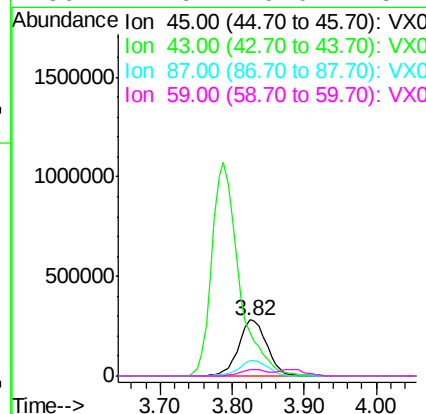
RT: 3.82 min Scan# 449

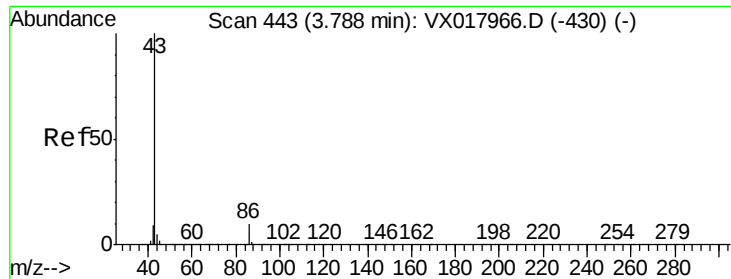
Delta R.T. -0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 769471 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 77.2  | 51.5  | 77.3   |
| 87        | 27.5  | 22.6  | 33.8   |
| 59        | 11.5  | 9.0   | 13.4   |





#23

Vinyl Acetate

Concen: 239.191 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2828732

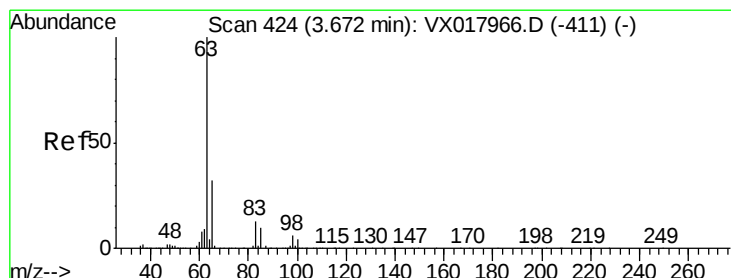
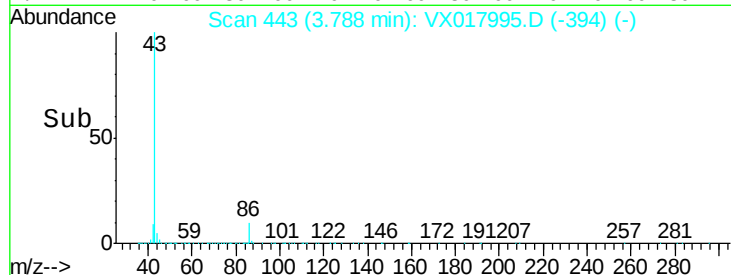
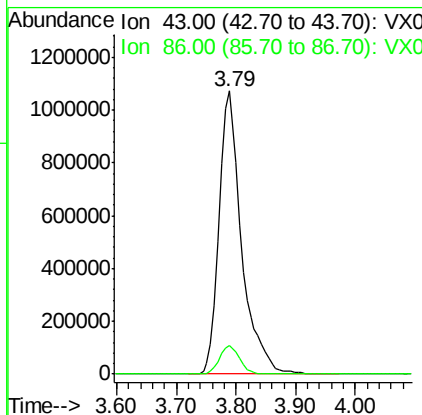
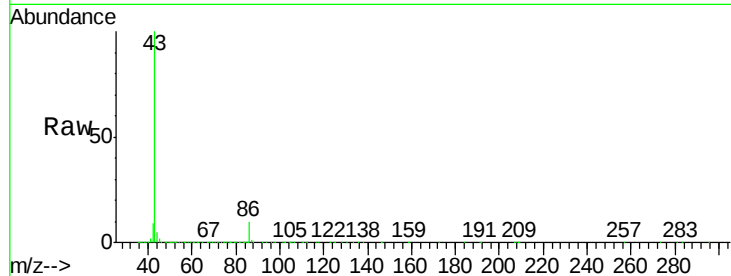
Ion Ratio Lower Upper

43 100

86 10.2 8.1 12.1

Manual Integrations  
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#24

1,1-Dichloroethane

Concen: 47.426 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

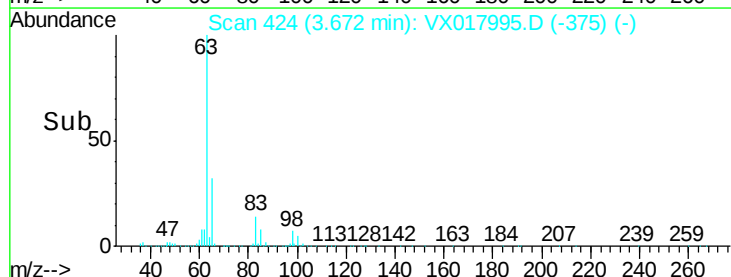
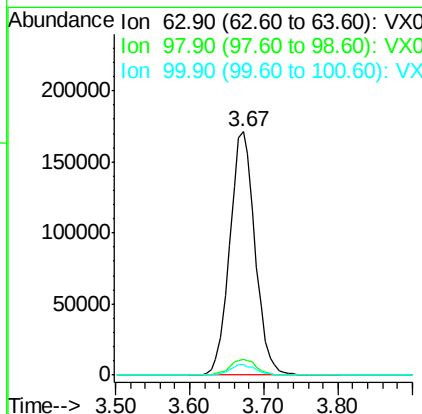
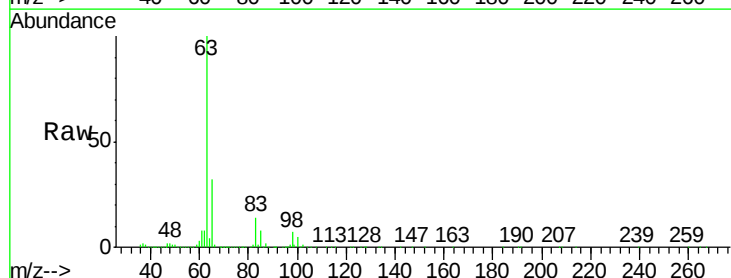
Tgt Ion: 63 Resp: 406859

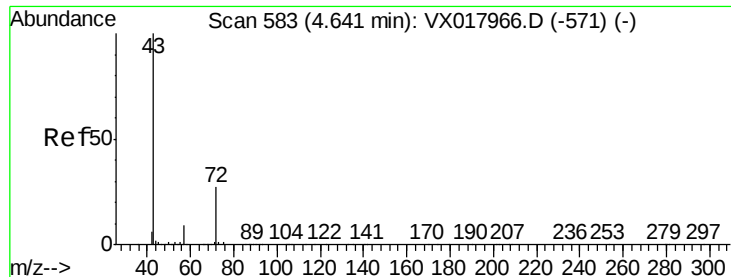
Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.0

100 4.6 2.0 5.8





#25

2-Butanone

Concen: 238.648 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 956842

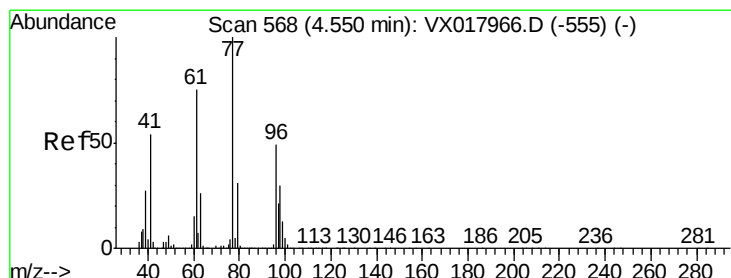
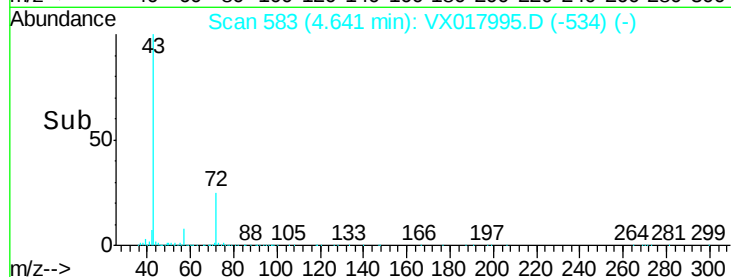
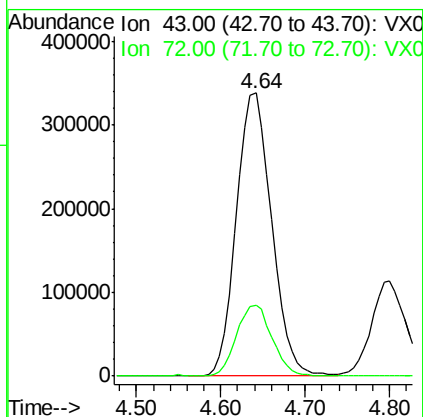
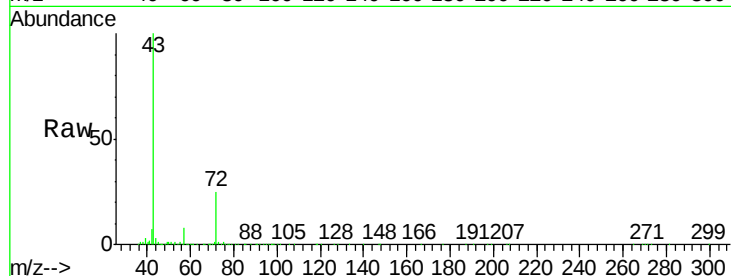
Ion Ratio Lower Upper

43 100

72 25.2 21.4 32.2

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#26

2,2-Dichloropropane

Concen: 44.572 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017995.D

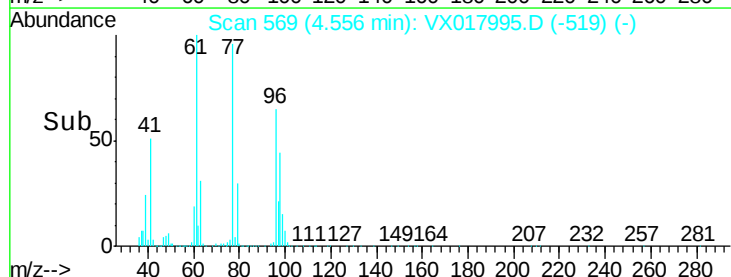
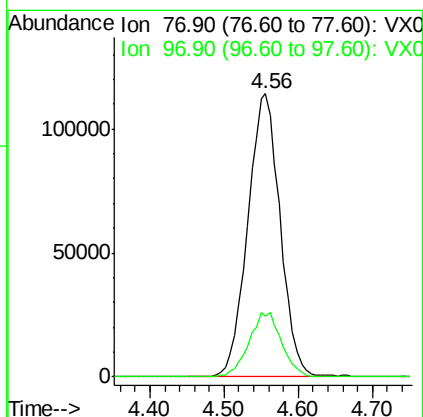
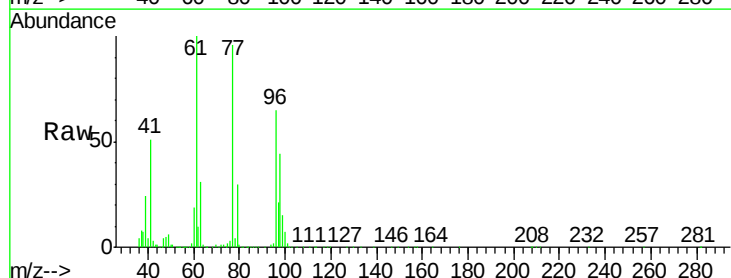
Acq: 19 Aug 2020 19:07

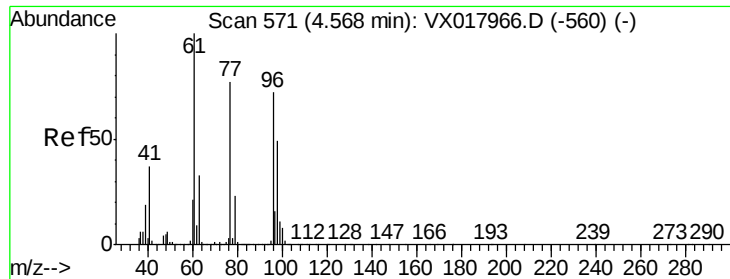
Tgt Ion: 77 Resp: 348200

Ion Ratio Lower Upper

77 100

97 22.9 10.9 32.9





#27

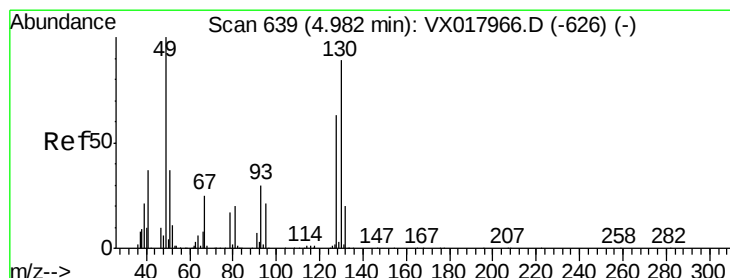
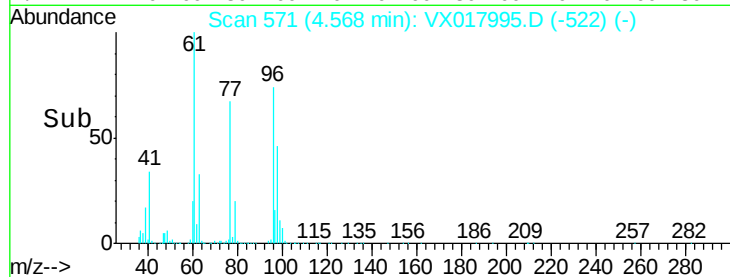
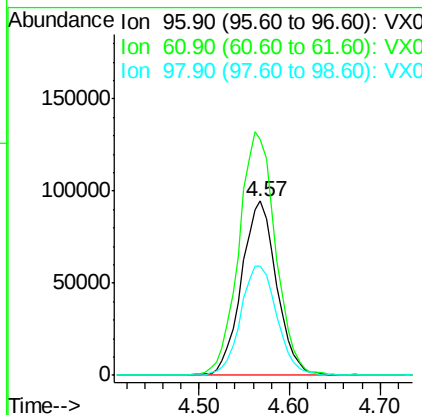
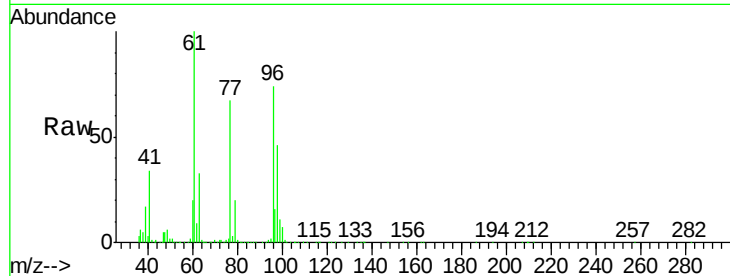
cis-1,2-Dichloroethene  
Concen: 50.623 ug/l  
RT: 4.57 min Scan# 571  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 254110 |       |       |
| 61      | 145.5 | 0.0    | 298.8 |       |
| 98      | 64.9  | 0.0    | 130.2 |       |

Manual Integrations  
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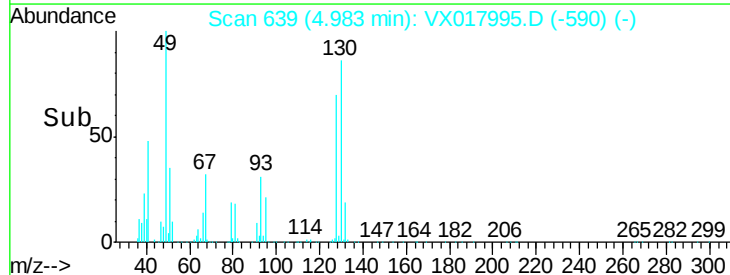
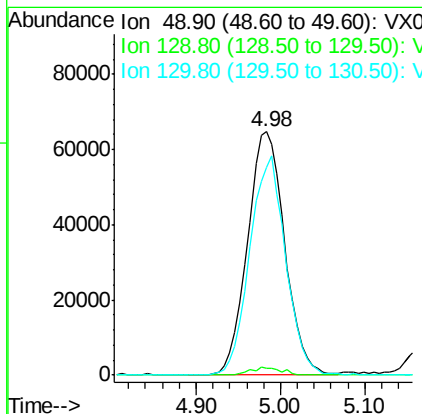
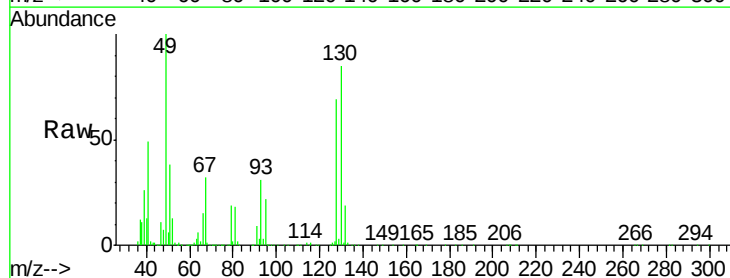
MMDadoda  
8/20/2020 9:17:14 AM

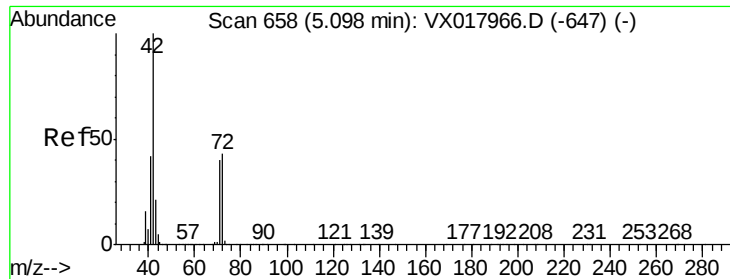


#28

Bromochloromethane  
Concen: 43.821 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 194279 |       |       |
| 129     | 2.8   | 0.0    | 3.6   |       |
| 130     | 87.0  | 68.5   | 102.7 |       |





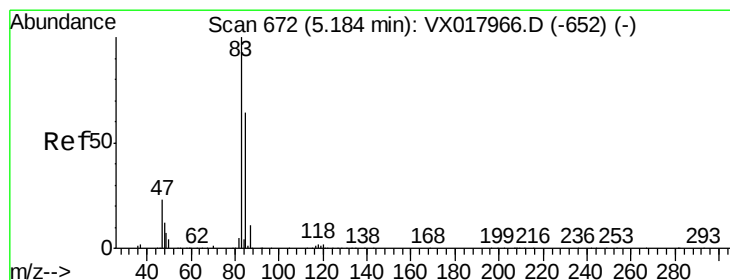
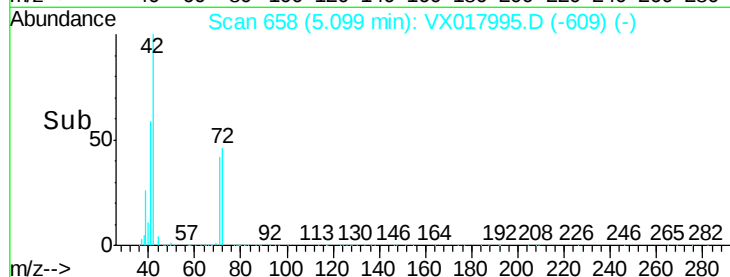
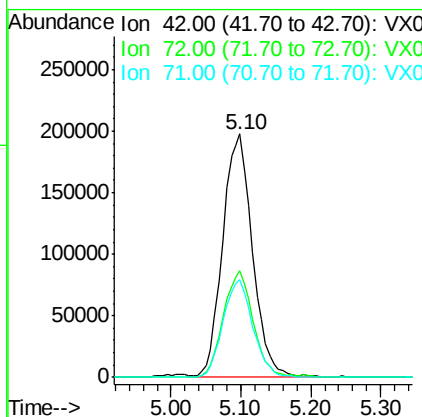
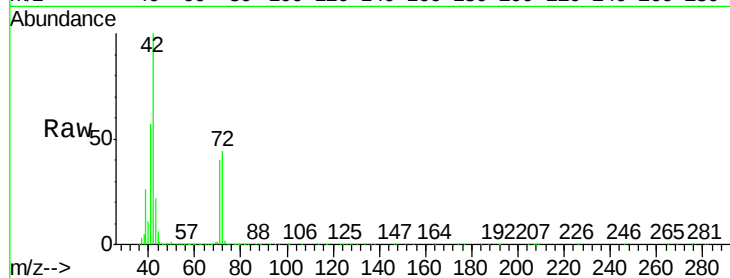
#29  
Tetrahydrofuran  
Concen: 233.793 ug/l  
RT: 5.10 min Scan# 658  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.8  | 35.9  | 53.9  |
| 71      | 40.3  | 33.0  | 49.4  |

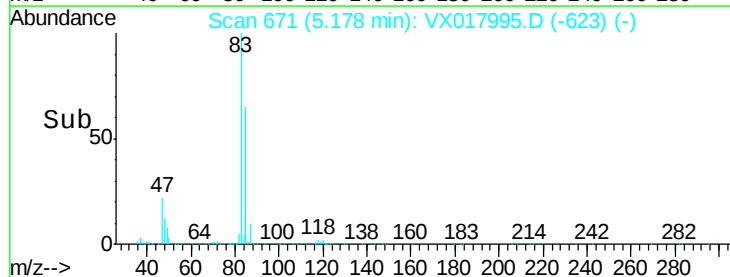
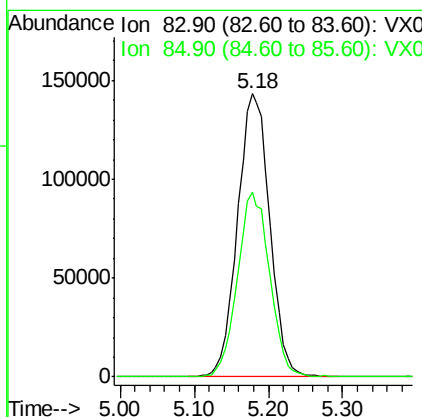
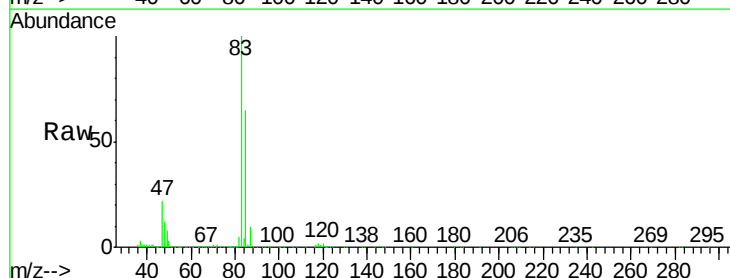
Manual Integrations  
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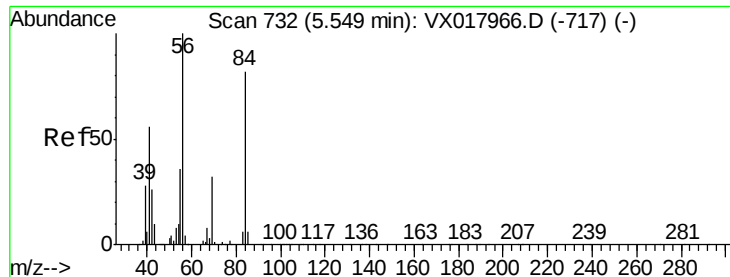
MMDadoda  
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#30  
Chloroform  
Concen: 46.120 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. -0.01 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.4  | 51.3  | 76.9  |





#31

Cyclohexane

Concen: 52.292 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

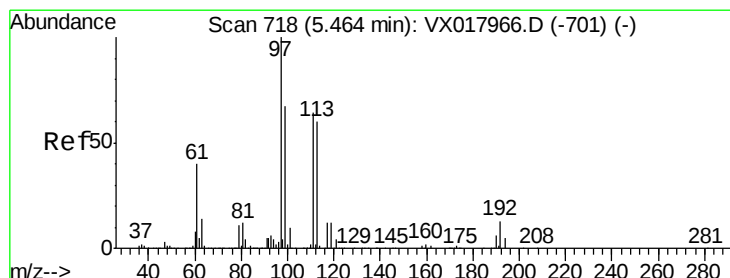
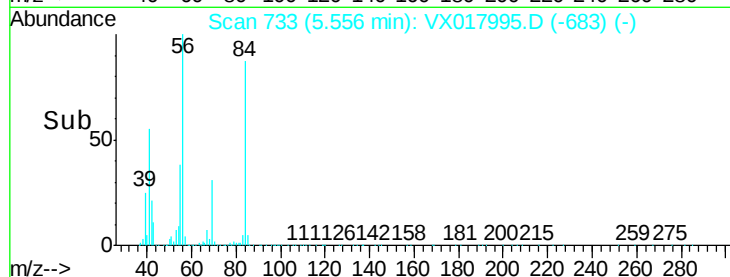
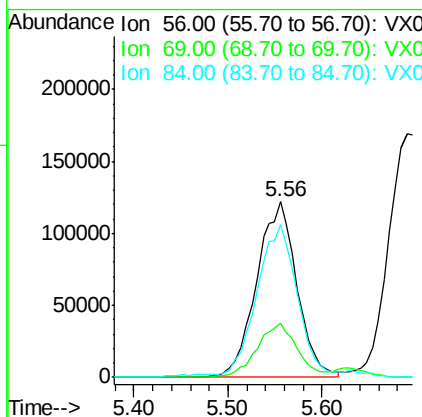
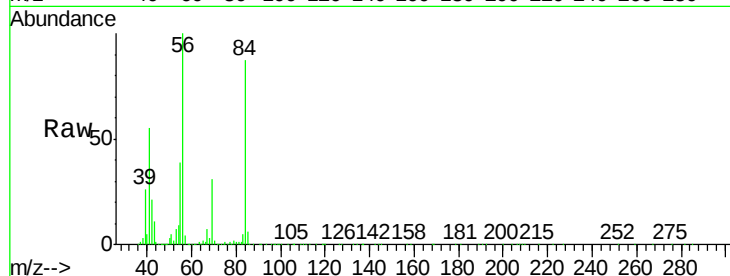
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 69      | 31.0 | 25.3  | 37.9  |       |
| 84      | 85.8 | 65.3  | 97.9  |       |

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#32

1,1,1-Trichloroethane

Concen: 46.844 ug/l

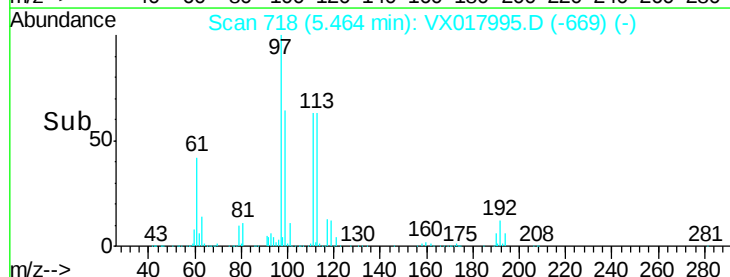
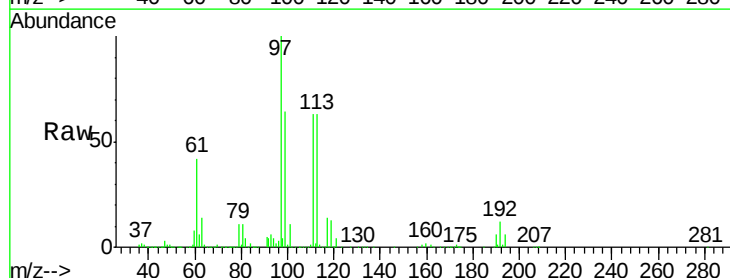
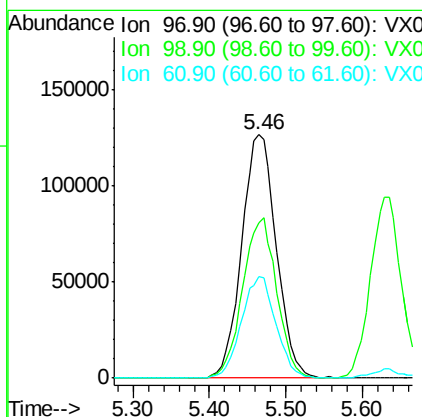
RT: 5.46 min Scan# 718

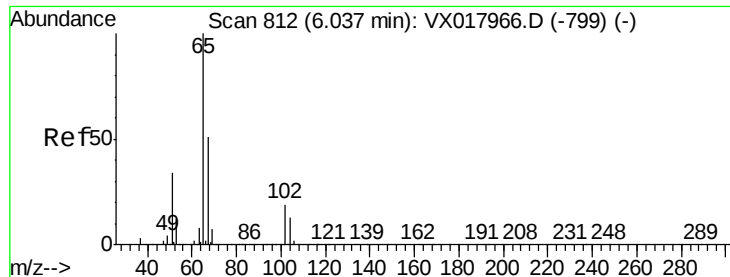
Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 97      | 100  |       |       |       |
| 99      | 64.8 | 51.4  | 77.0  |       |
| 61      | 41.4 | 33.7  | 50.5  |       |





#33

1,2-Dichloroethane-d4

Concen: 44.337 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 298468

Ion Ratio Lower Upper

65 100

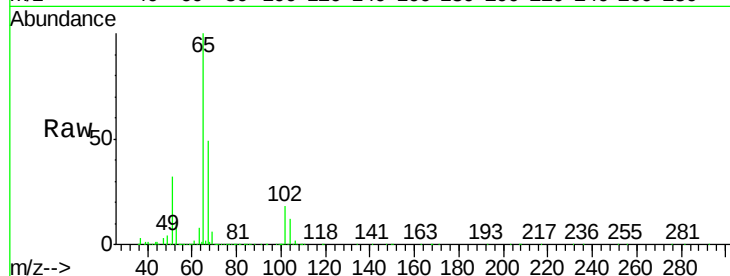
67 50.8 0.0 103.0

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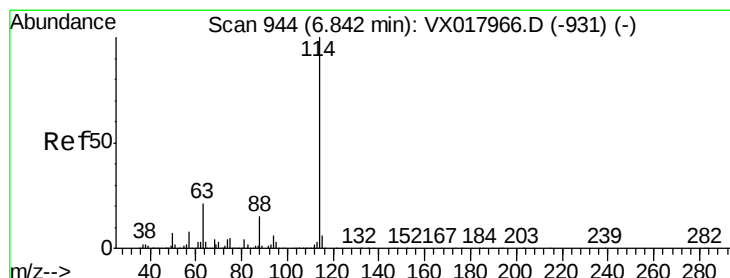
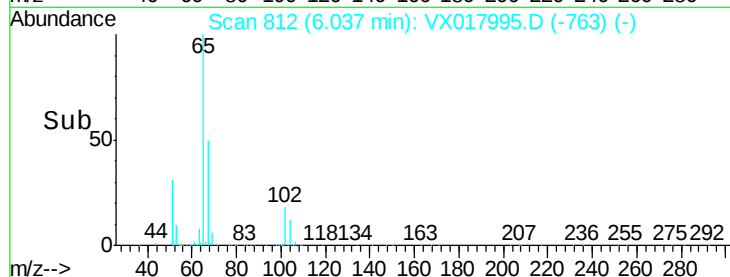
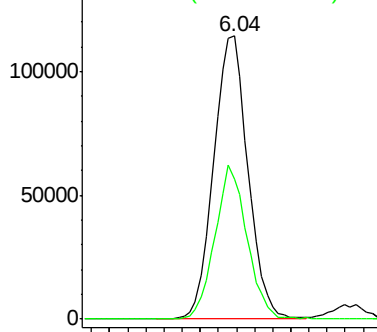
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

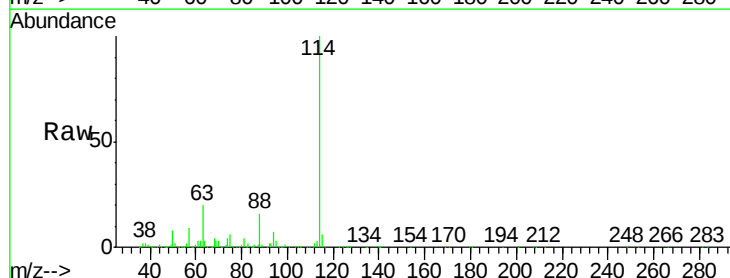
Tgt Ion: 114 Resp: 692731

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

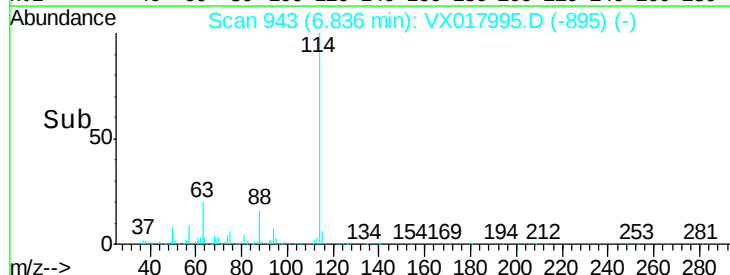
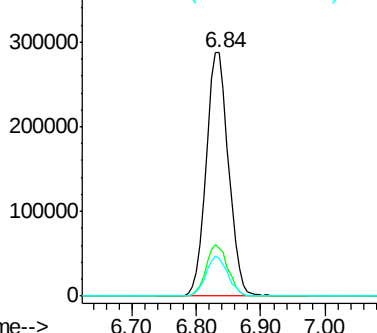
88 15.6 0.0 30.2

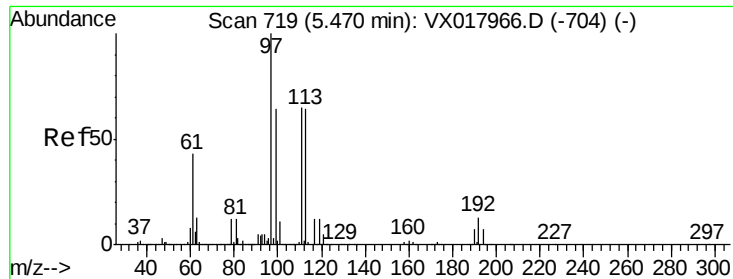


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





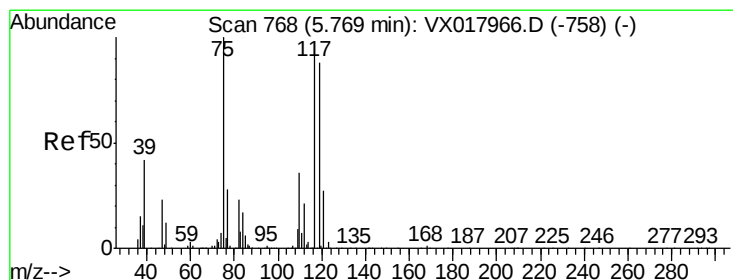
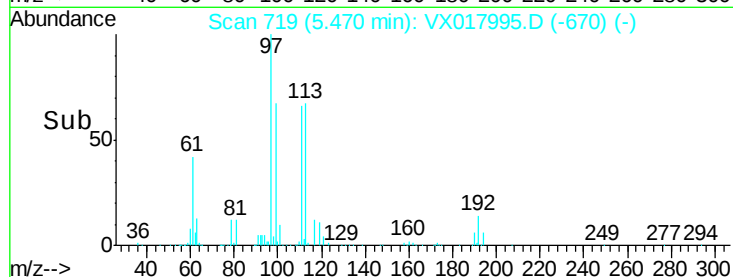
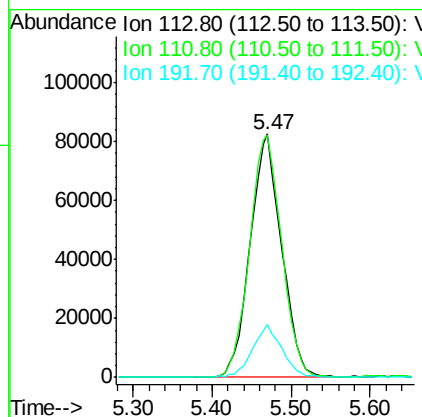
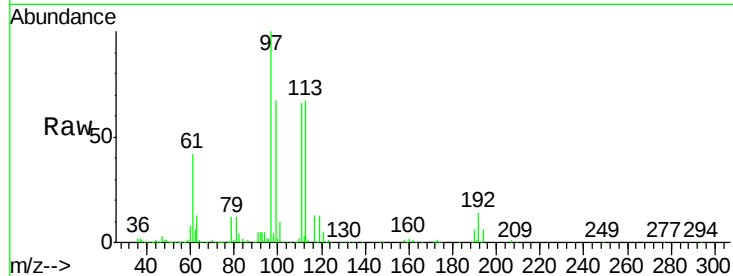
#35  
 Dibromofluoromethane  
 Concen: 44.319 ug/l  
 RT: 5.47 min Scan# 719  
 Delta R.T. 0.00 min  
 Lab File: VX017995.D  
 Acq: 19 Aug 2020 19:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 228625 |       |       |
| 111     | 101.7 | 83.5   | 125.3 |       |
| 192     | 20.3  | 16.2   | 24.4  |       |

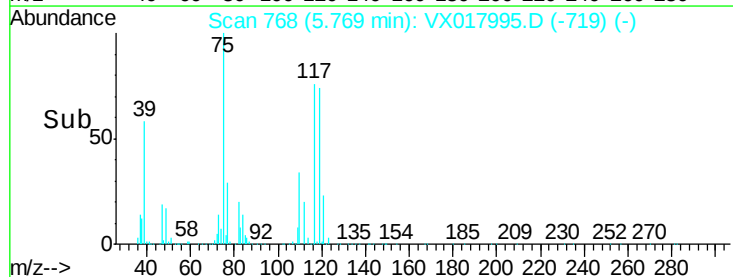
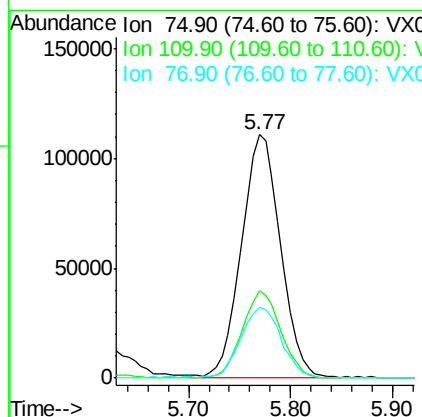
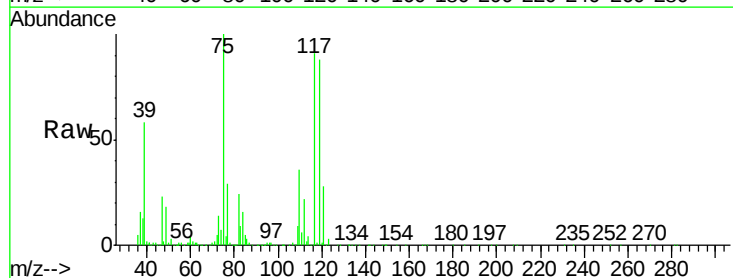
Manual Integrations  
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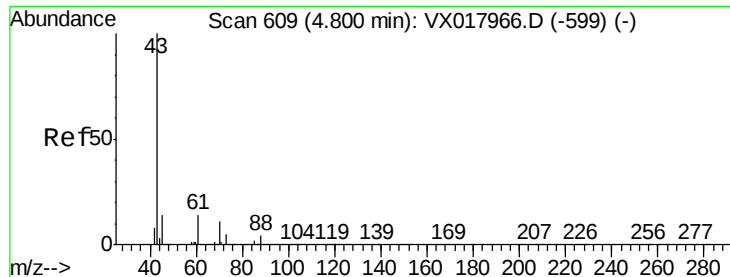
MMDadoda  
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#36  
 1,1-Dichloropropene  
 Concen: 50.674 ug/l  
 RT: 5.77 min Scan# 768  
 Delta R.T. 0.00 min  
 Lab File: VX017995.D  
 Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 293816 |       |       |
| 110     | 35.7  | 18.7   | 56.1  |       |
| 77      | 30.5  | 24.4   | 36.6  |       |





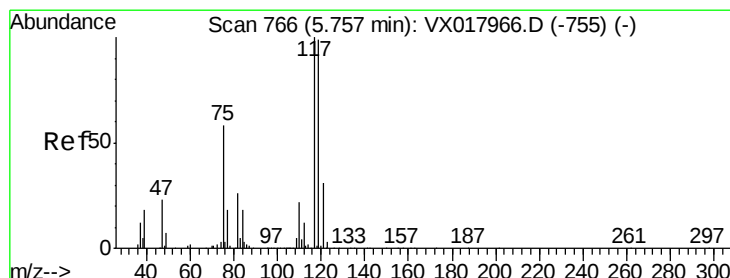
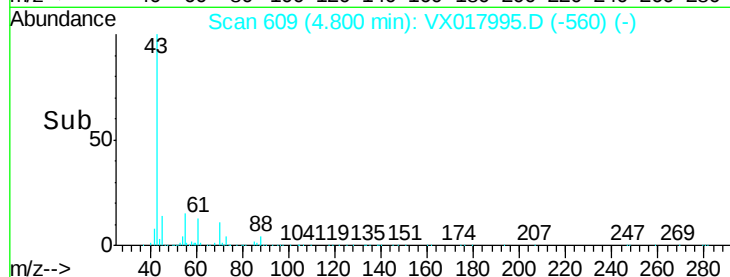
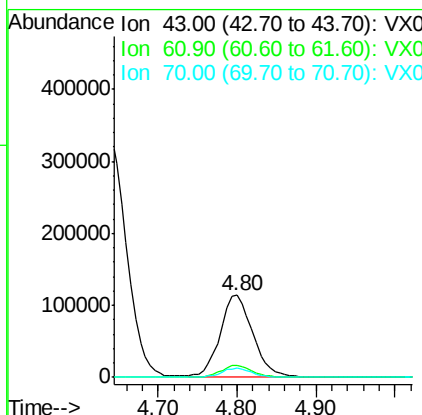
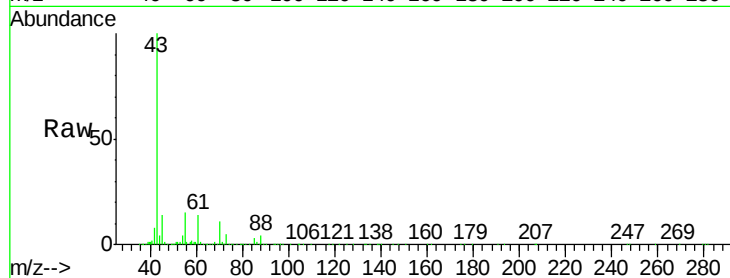
#37  
Ethyl Acetate  
Concen: 47.089 ug/l  
RT: 4.80 min Scan# 609  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 43    | Resp  | 326677 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 14.0  | 11.3  | 16.9   |
| 70        | 10.7  | 8.5   | 12.7   |

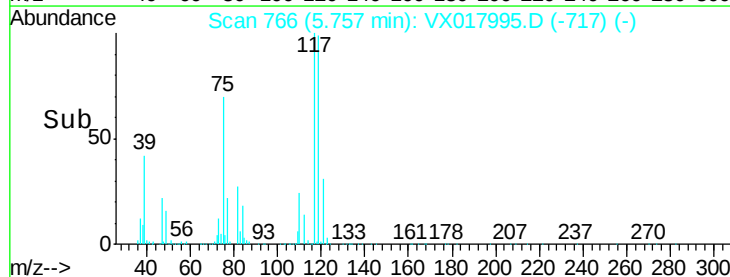
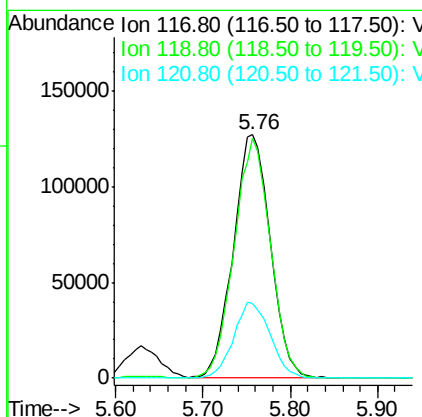
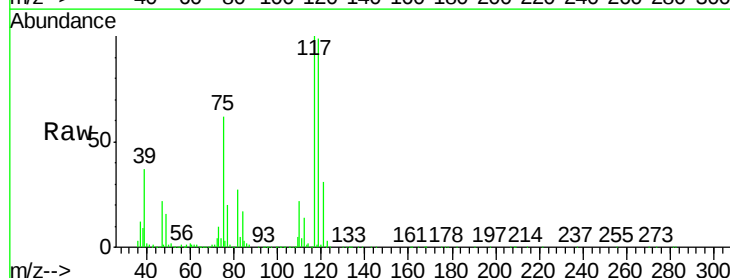
Manual Integrations  
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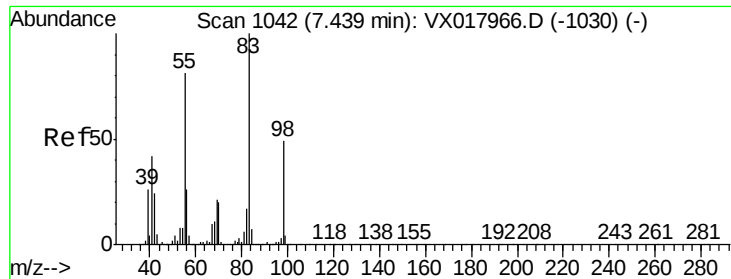
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#38  
Carbon Tetrachloride  
Concen: 49.971 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

| Tgt Ion   | 117   | Resp  | 374991 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 98.5  | 79.0  | 118.6  |
| 121       | 30.7  | 24.7  | 37.1   |





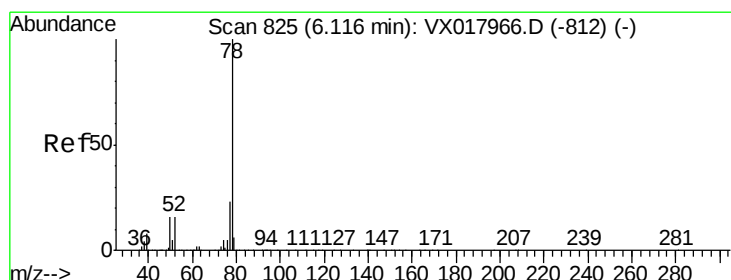
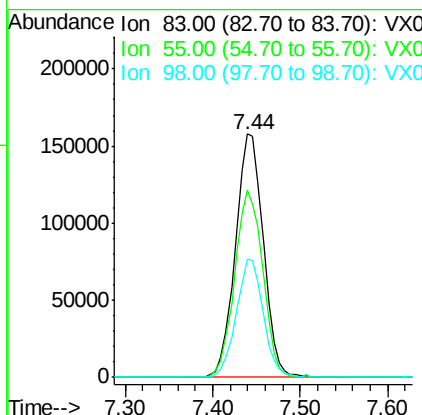
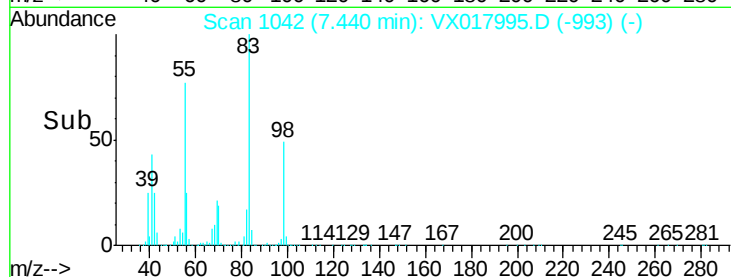
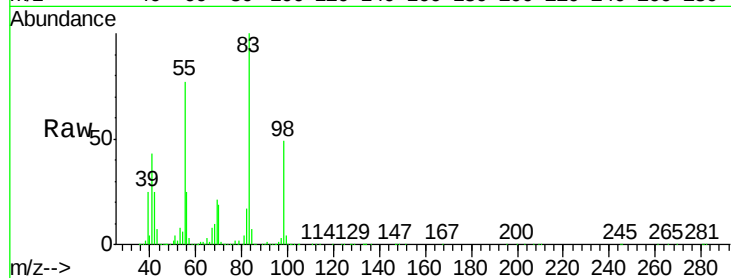
#39  
Methvlcvclohexane  
Concen: 47.300 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 76.8  | 64.5  | 96.7  |
| 98      | 48.5  | 39.0  | 58.6  |

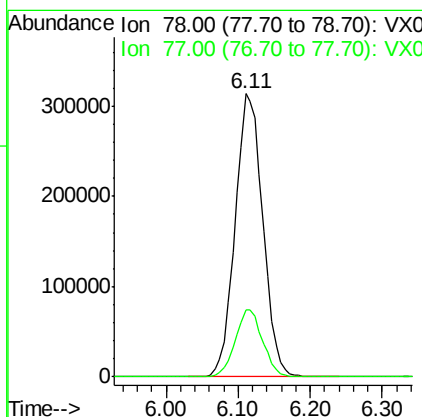
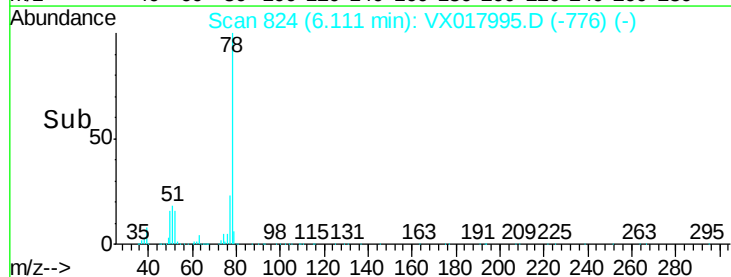
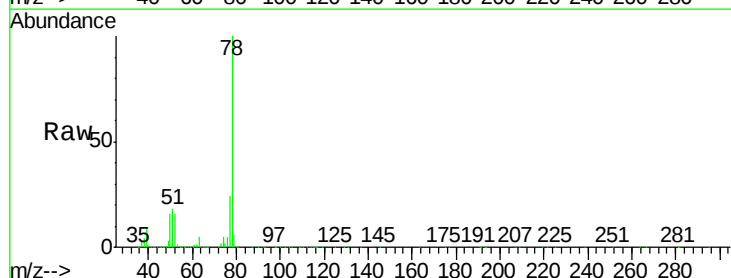
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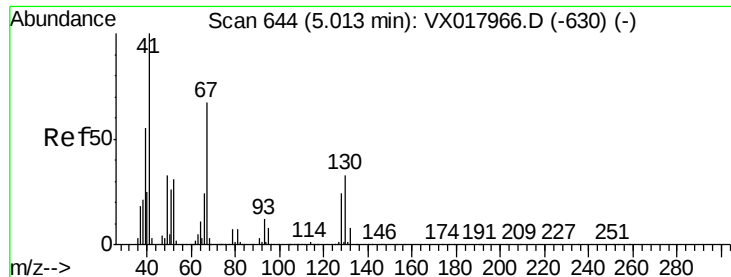
MMDadoda  
8/20/2020 9:17:14 AM



#40  
Benzene  
Concen: 47.831 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.5  | 18.8  | 28.2  |





#41

Methacrylonitrile

Concen: 49.486 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

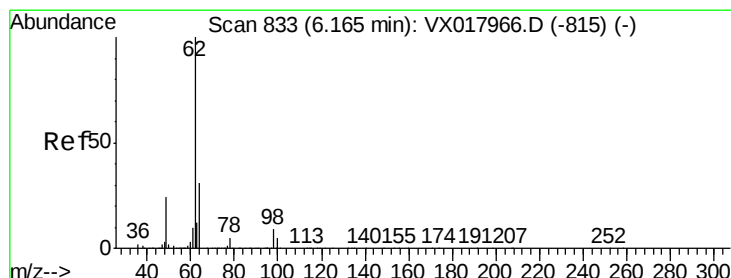
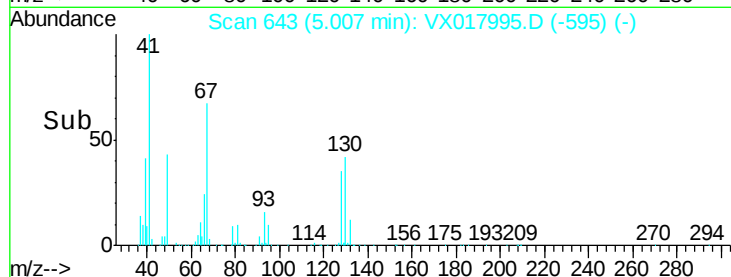
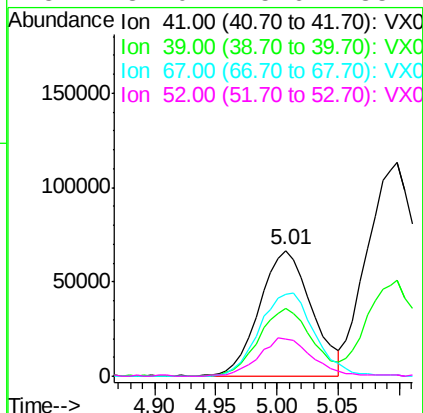
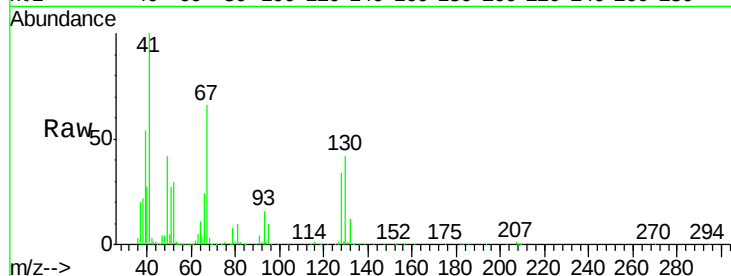
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 196772  | 41  | 100   |       |       |
|         | 39  | 54.5  | 44.8  | 67.2  |
|         | 67  | 70.6  | 57.5  | 86.3  |
|         | 52  | 31.0  | 25.6  | 38.4  |

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#42

1,2-Dichloroethane

Concen: 49.520 ug/l

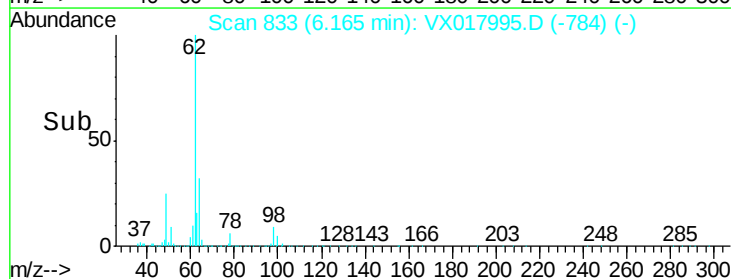
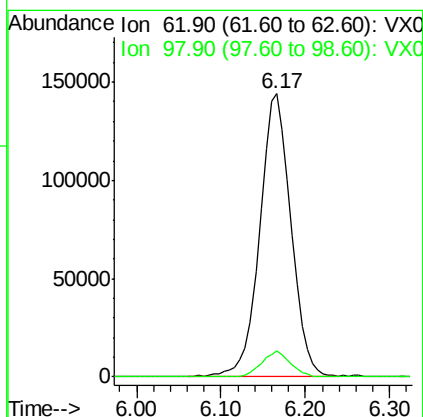
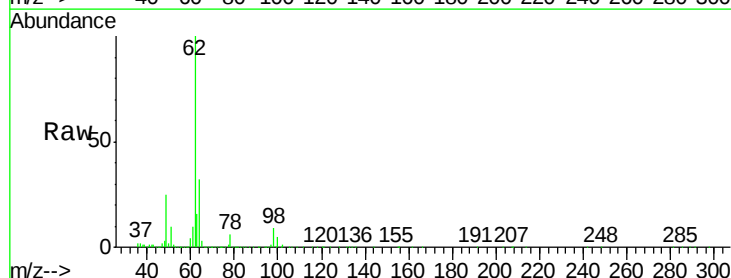
RT: 6.17 min Scan# 833

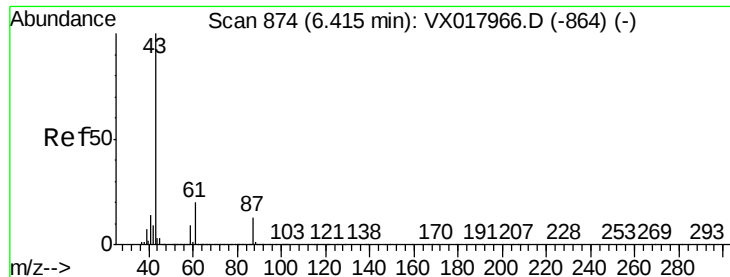
Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 367340  | 62  | 100   |       |       |
|         | 98  | 8.5   | 0.0   | 17.2  |





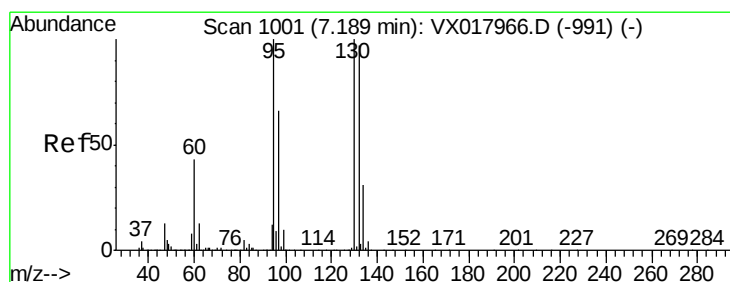
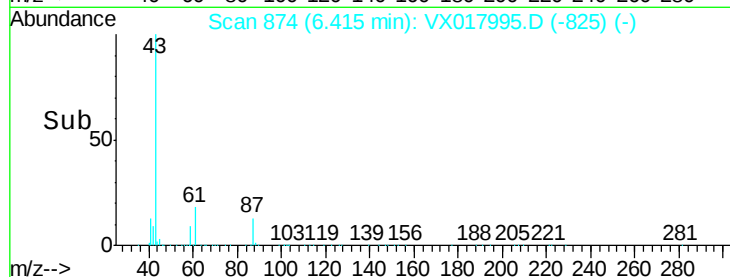
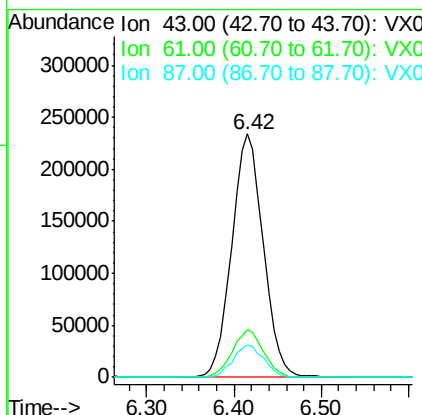
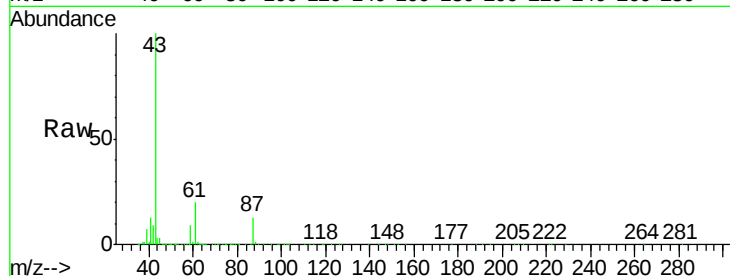
#43  
Isopropyl Acetate  
Concen: 52.010 ug/l  
RT: 6.42 min Scan# 874  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 582461 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 19.6  | 16.2  | 24.4   |
| 87       | 13.3  | 10.8  | 16.2   |

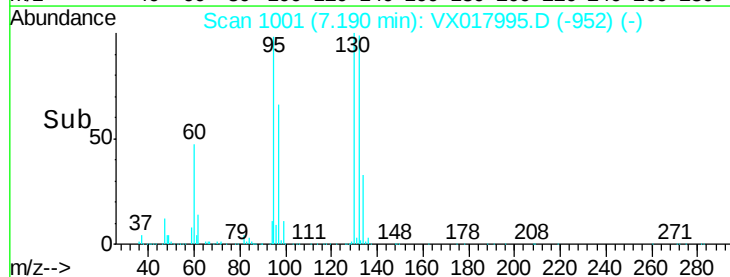
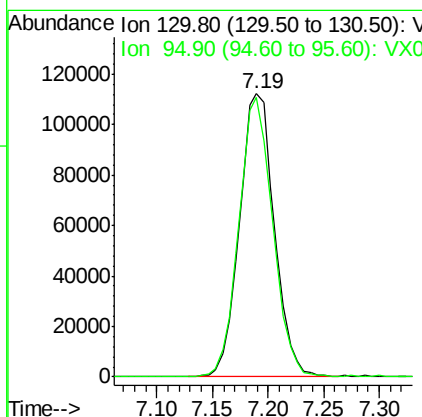
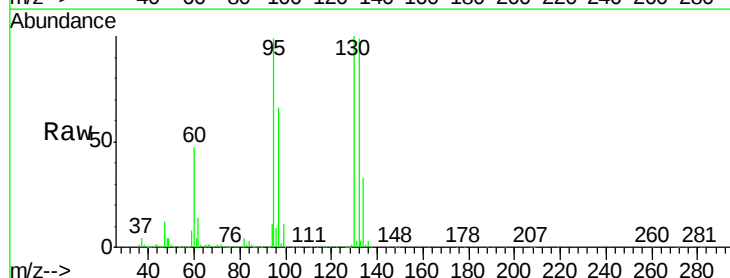
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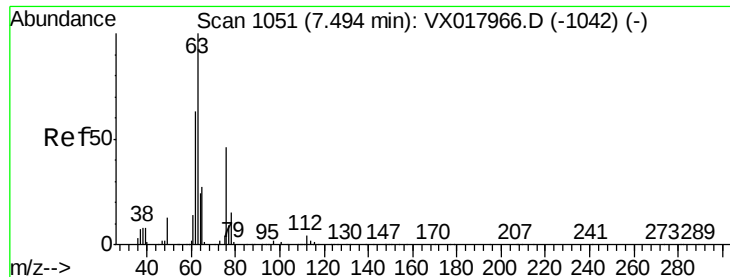
MMDadoda  
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#44  
Trichloroethene  
Concen: 47.049 ug/l  
RT: 7.19 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 243662 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 98.6  | 0.0   | 200.6  |





#45

1,2-Dichloropropane

Concen: 47.016 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 235252

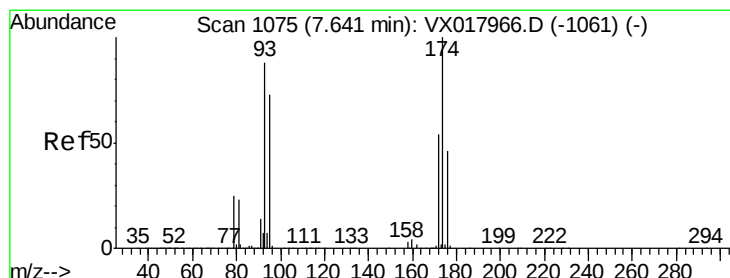
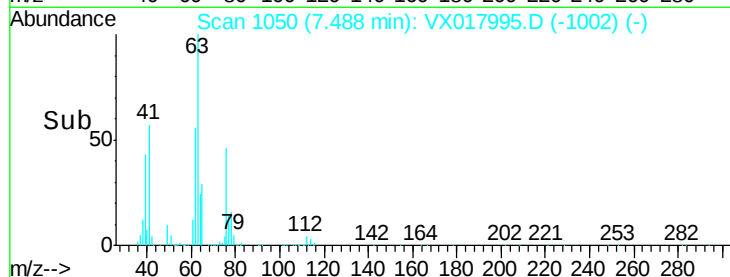
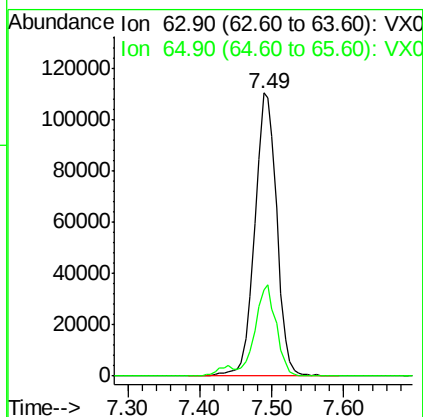
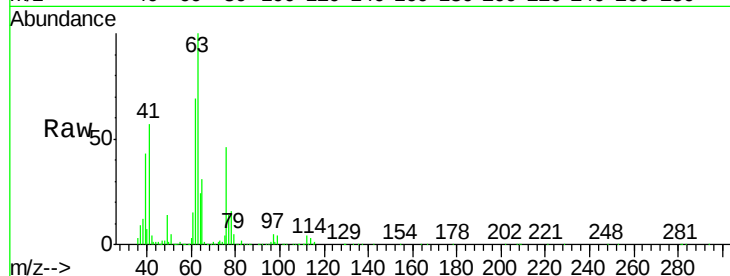
Ion Ratio Lower Upper

63 100

65 30.5 23.8 35.8

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#46

Dibromomethane

Concen: 47.777 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

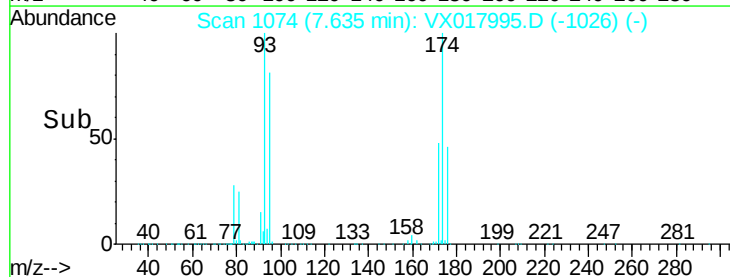
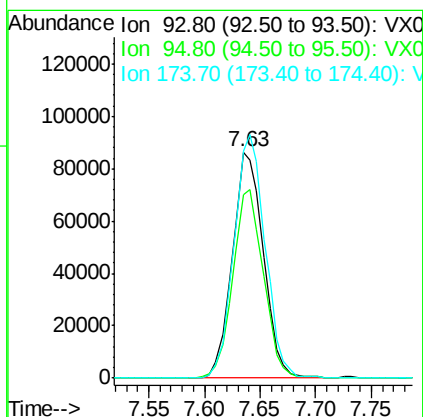
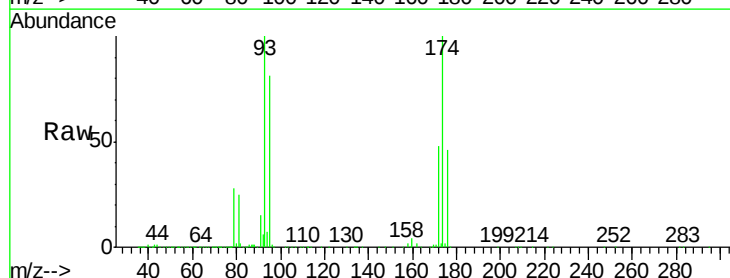
Tgt Ion: 93 Resp: 166845

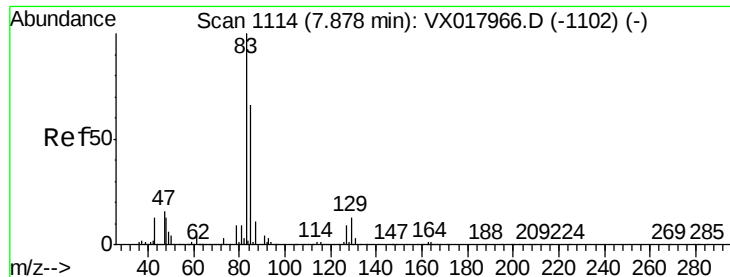
Ion Ratio Lower Upper

93 100

95 82.2 66.8 100.2

174 108.1 88.3 132.5





#47

Bromodichloromethane

Concen: 46.955 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

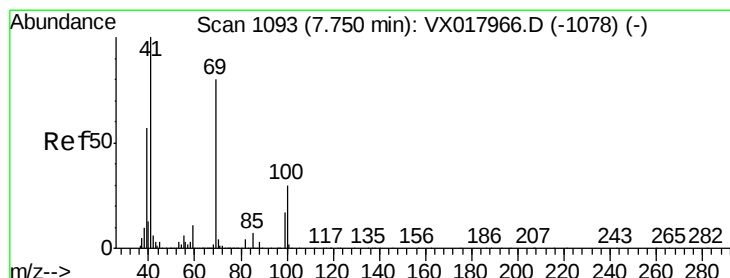
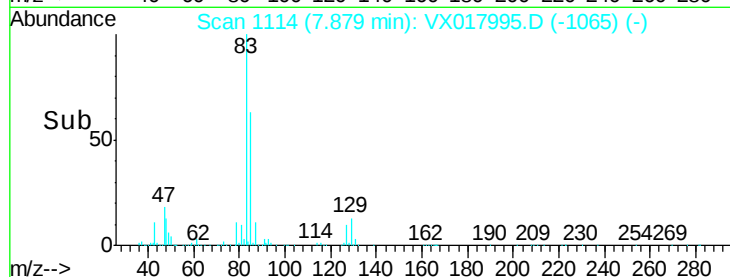
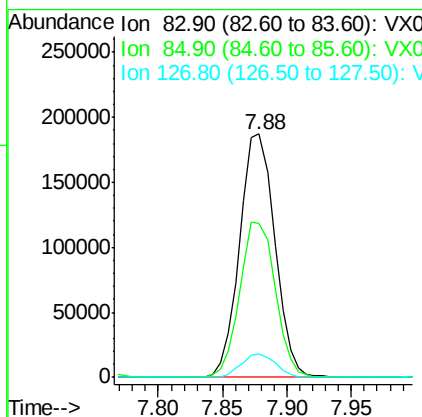
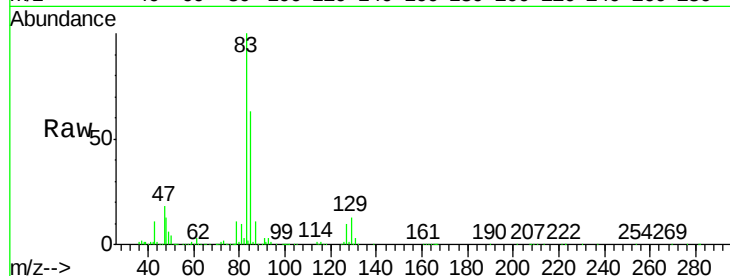
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 355969 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.9  | 52.4  | 78.6   |
| 127      | 9.7   | 7.0   | 10.6   |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 50.129 ug/l

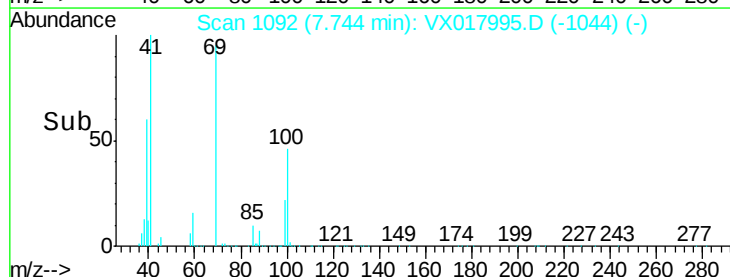
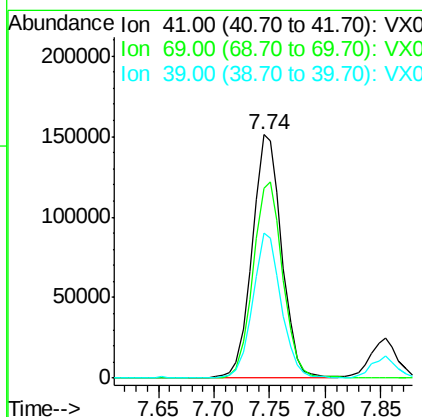
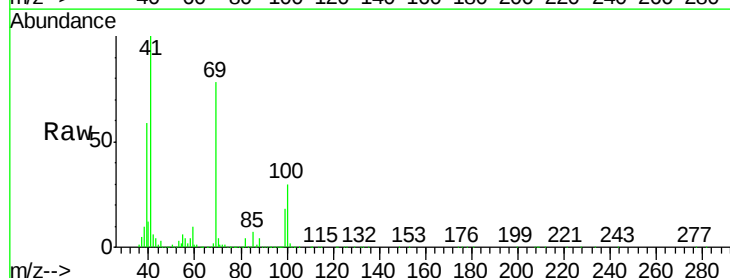
RT: 7.74 min Scan# 1092

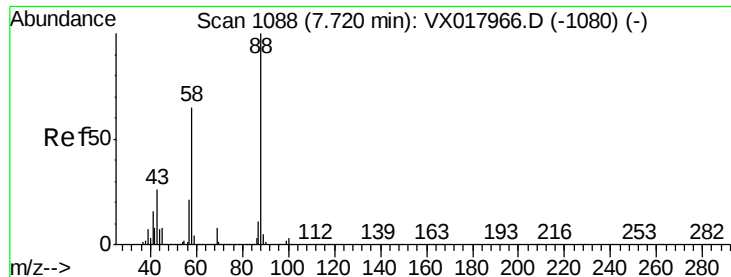
Delta R.T. -0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 278307 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 81.4  | 64.3  | 96.5   |
| 39       | 57.2  | 45.3  | 67.9   |





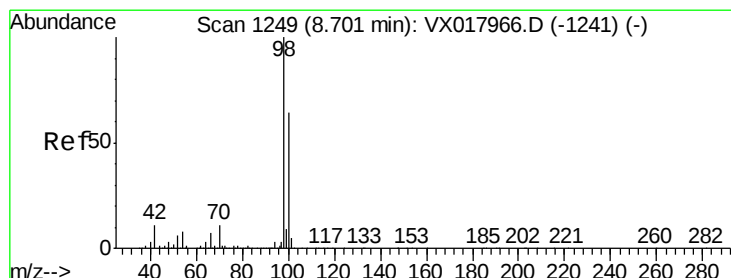
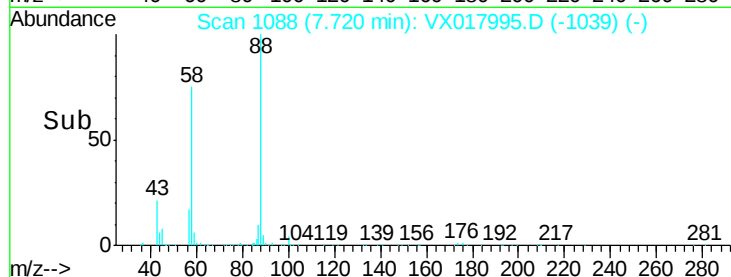
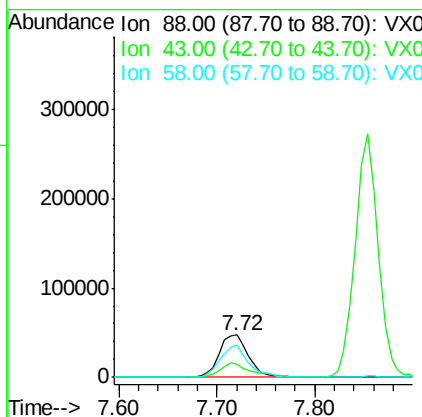
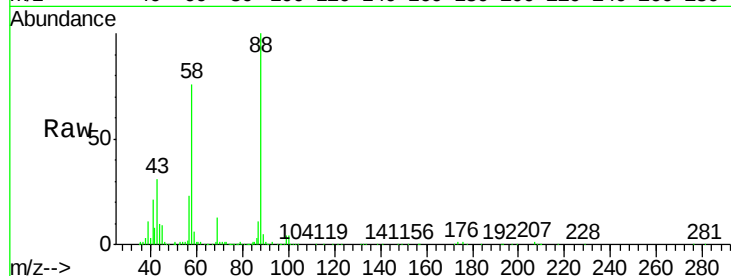
#49  
1,4-Dioxane  
Concen: 876.224 ug/l  
RT: 7.72 min Scan# 1088  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 35.5  | 27.3  | 40.9  |
| 58      | 74.1  | 57.7  | 86.5  |

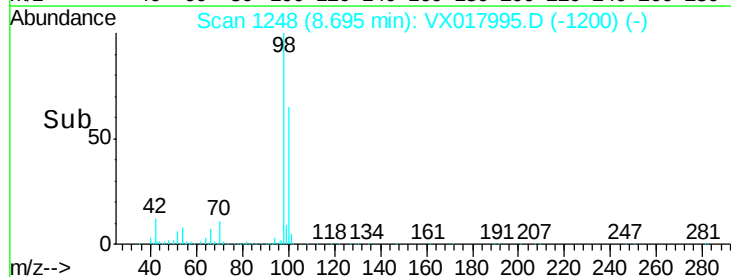
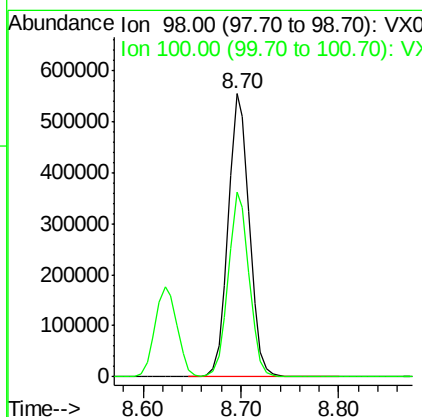
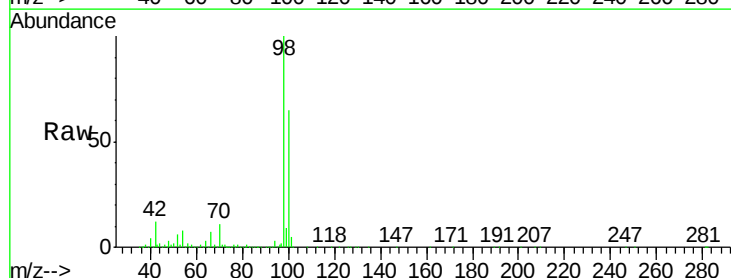
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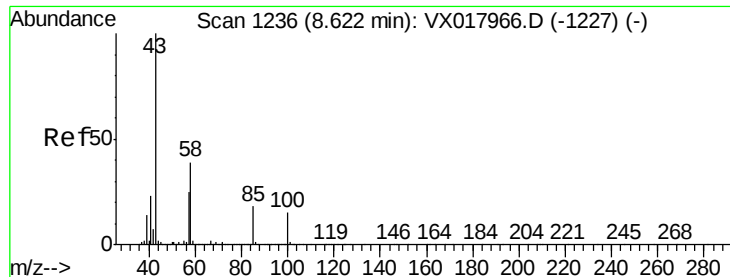
MMDadoda  
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#50  
Toluene-d8  
Concen: 45.339 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.01 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

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





#51

4-Methyl-2-Pentanone

Concen: 231.745 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1747406

Ion Ratio Lower Upper

43 100

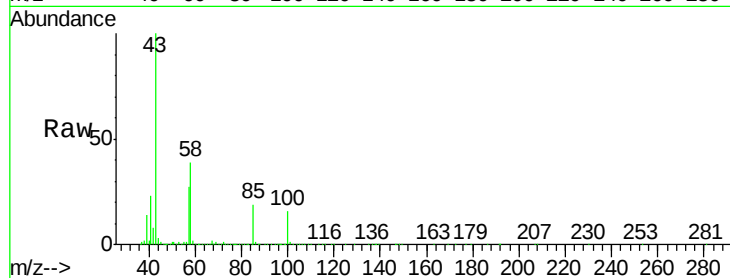
58 38.8 31.0 46.4

Manual Integrations

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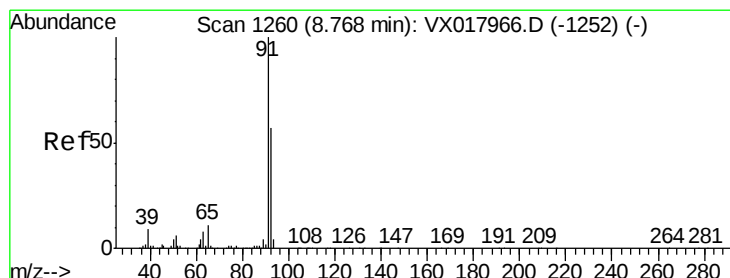
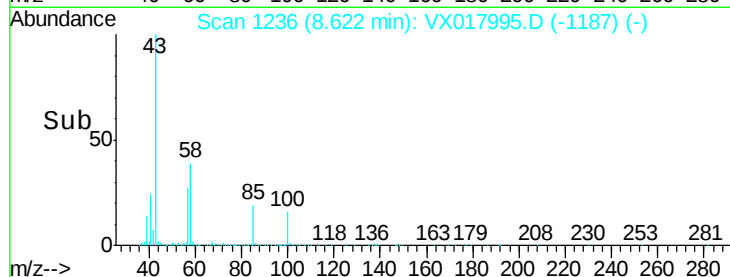
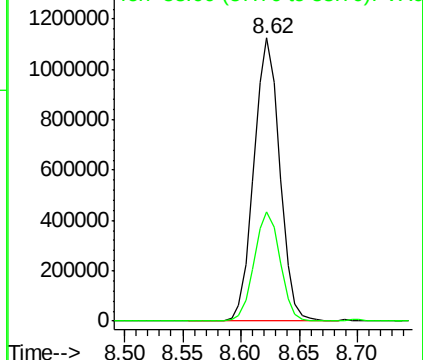
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.435 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX017995.D

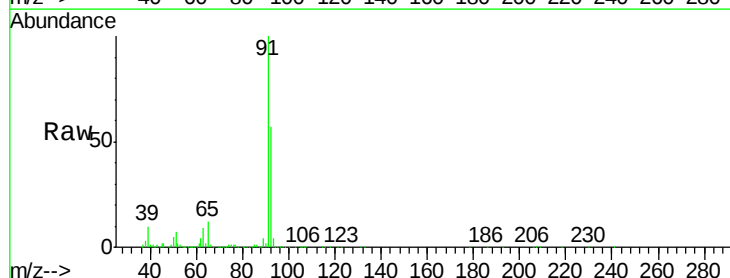
Acq: 19 Aug 2020 19:07

Tgt Ion: 92 Resp: 530547

Ion Ratio Lower Upper

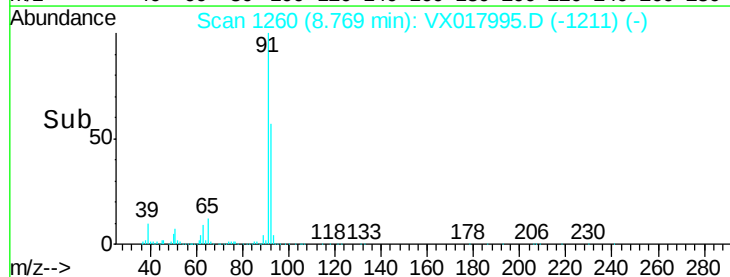
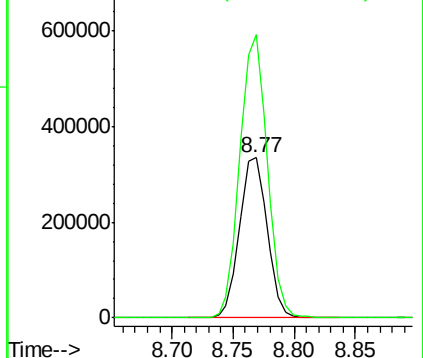
92 100

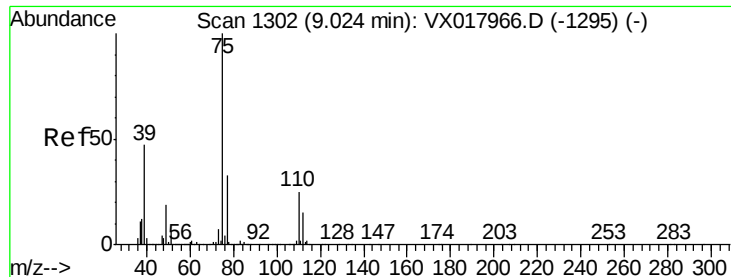
91 173.8 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 47.540 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 381182

Ion Ratio Lower Upper

75 100

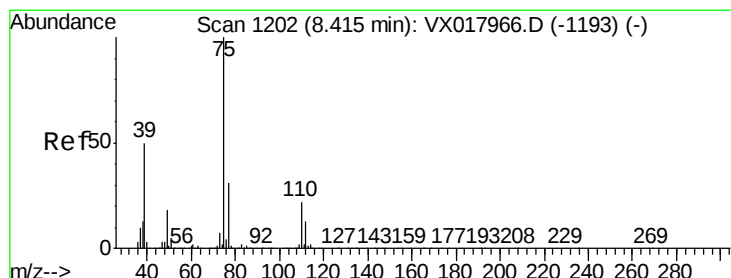
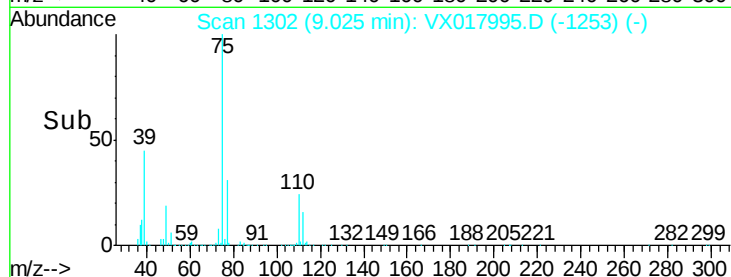
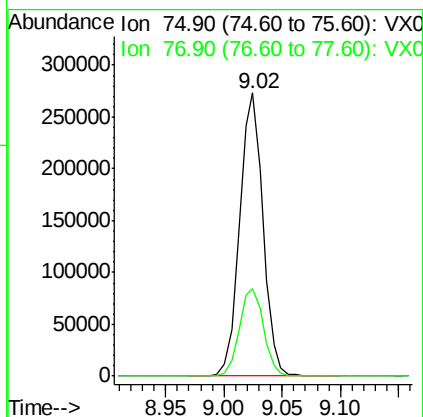
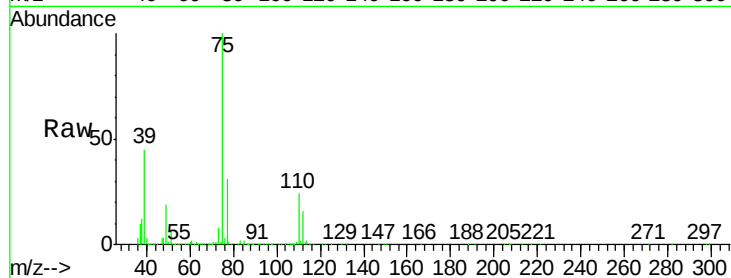
77 31.1 26.1 39.1

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#54

cis-1,3-Dichloropropene

Concen: 51.013 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

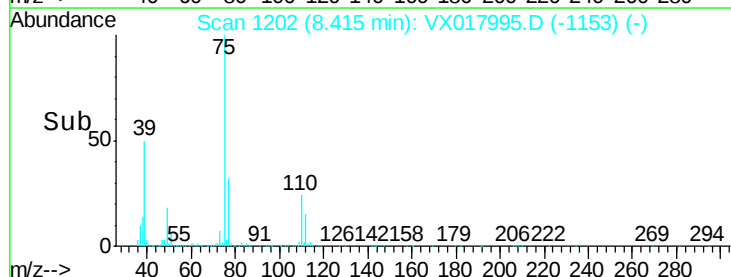
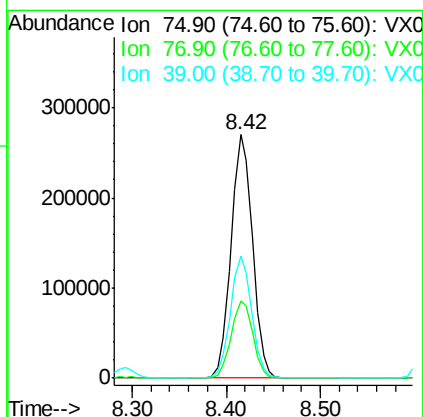
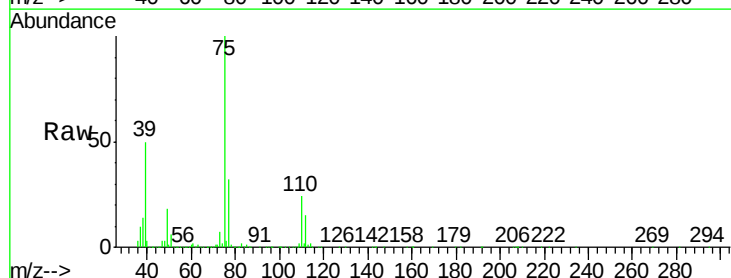
Tgt Ion: 75 Resp: 426487

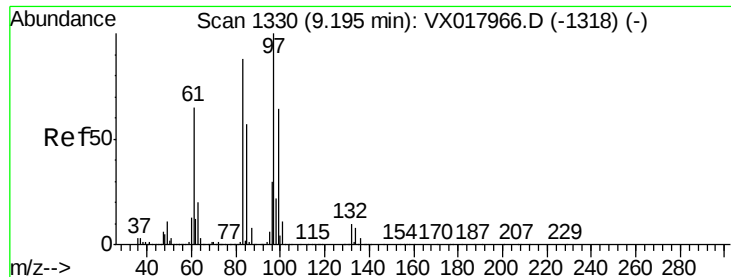
Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

39 49.9 39.7 59.5





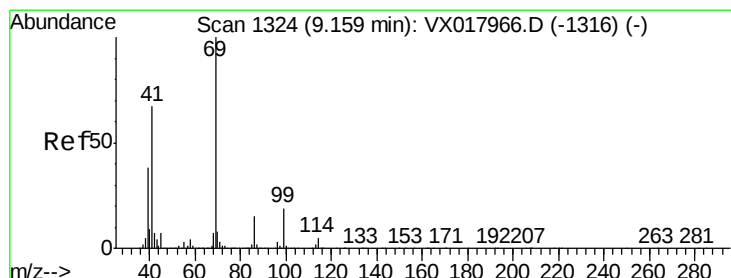
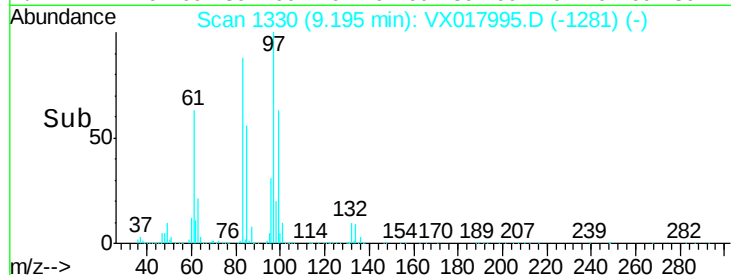
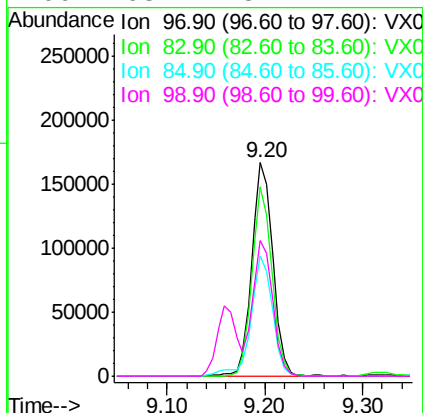
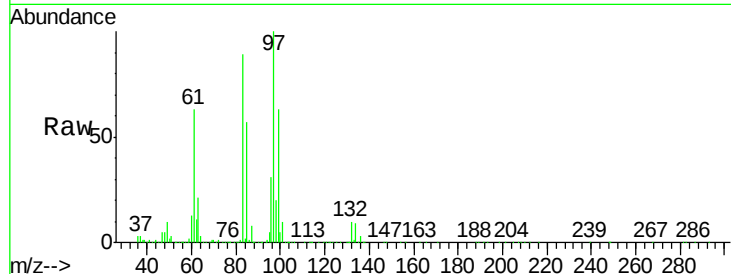
#55  
 1,1,2-Trichloroethane  
 Concen: 47.428 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. 0.00 min  
 Lab File: VX017995.D  
 Acq: 19 Aug 2020 19:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 248949 |       |       |
| 83      | 88.4 | 70.1  | 105.1  |       |       |
| 85      | 56.4 | 45.8  | 68.8   |       |       |
| 99      | 63.4 | 51.4  | 77.2   |       |       |

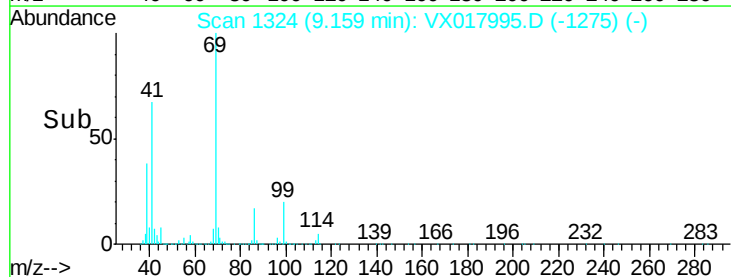
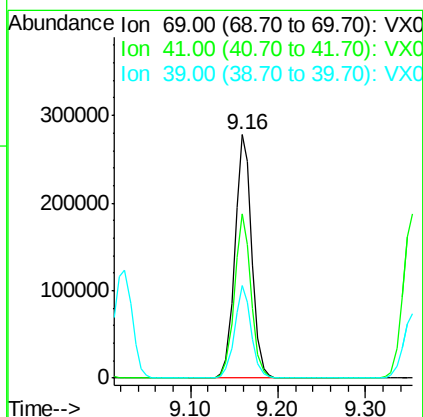
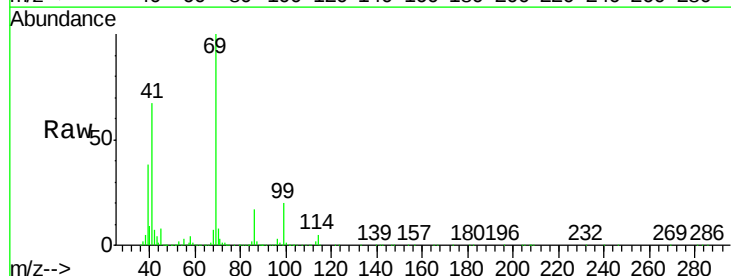
Manual Integrations  
 APPROVED

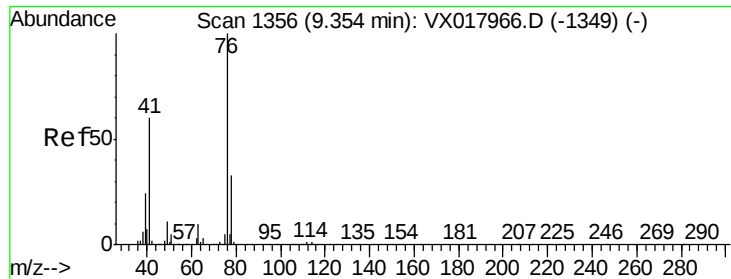
MMDadoda  
 8/20/2020 9:17:14 AM



#56  
 Ethyl methacrylate  
 Concen: 50.505 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. 0.00 min  
 Lab File: VX017995.D  
 Acq: 19 Aug 2020 19:07

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 374816 |       |       |
| 41      | 66.1 | 52.3  | 78.5   |       |       |
| 39      | 37.2 | 29.2  | 43.8   |       |       |





#57

1,3-Dichloropropane

Concen: 52.049 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 433897

Ion Ratio Lower Upper

76 100

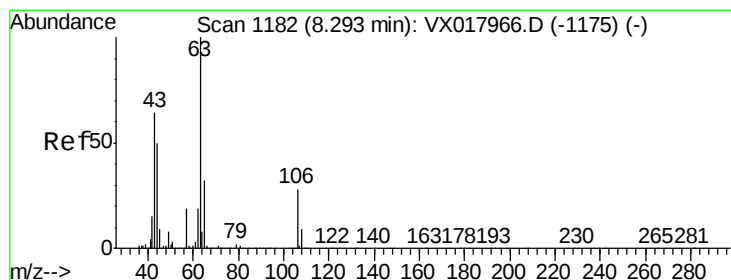
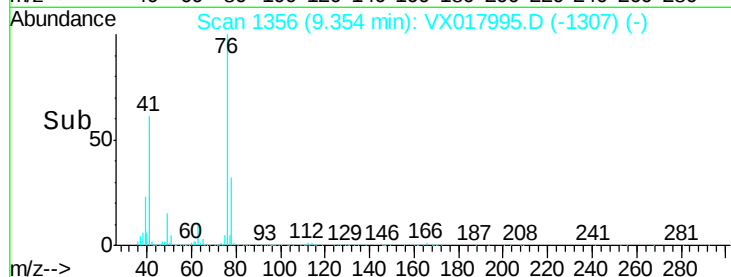
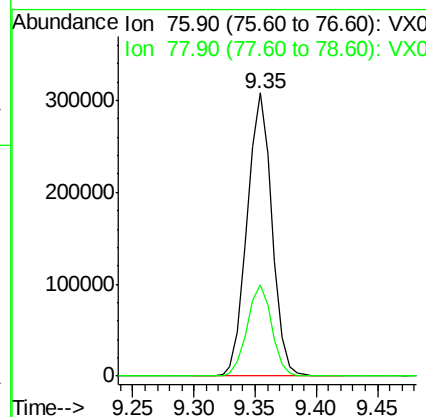
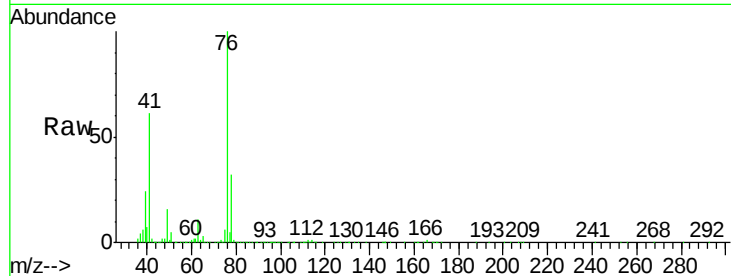
78 32.3 26.4 39.6

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8/20/2020 9:17:14 AM



#58

2-Chloroethyl Vinyl ether

Concen: 222.417 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017995.D

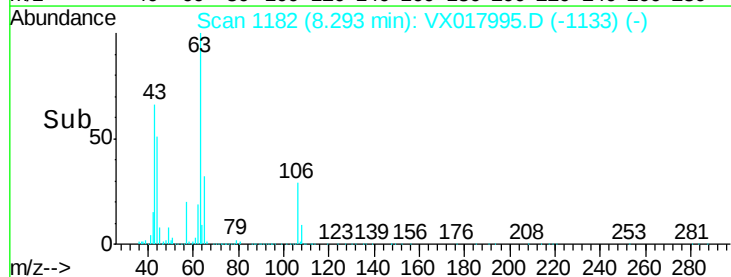
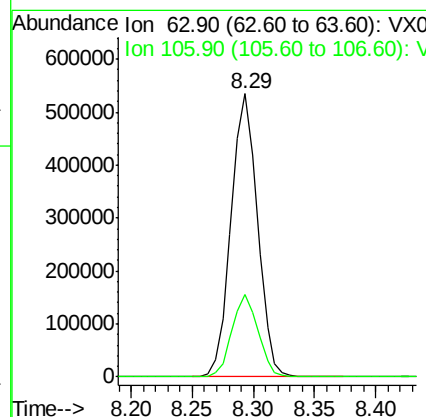
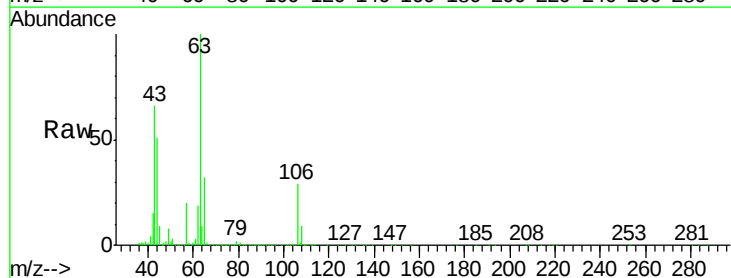
Acq: 19 Aug 2020 19:07

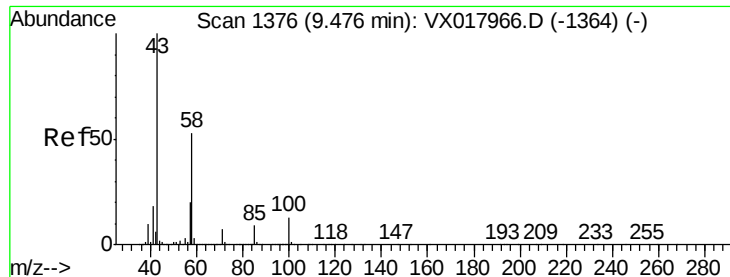
Tgt Ion: 63 Resp: 799325

Ion Ratio Lower Upper

63 100

106 28.9 23.0 34.4





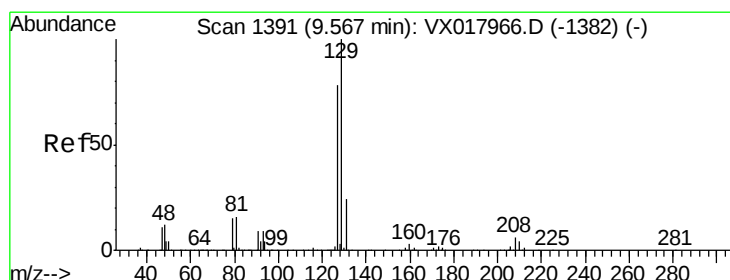
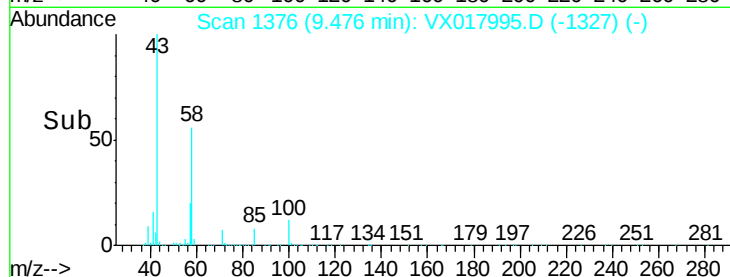
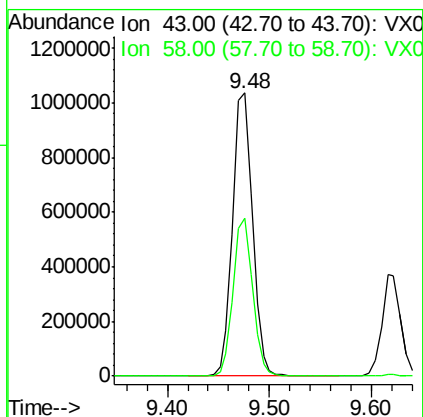
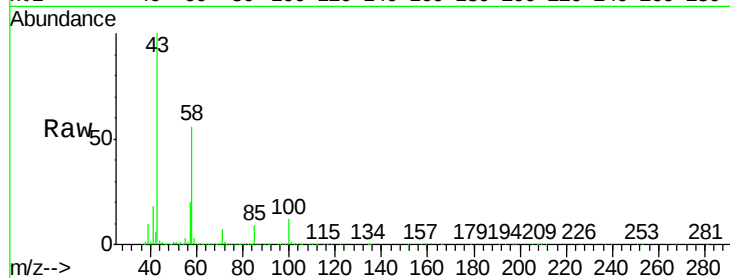
#59  
2-Hexanone  
Concen: 243.783 ug/l  
RT: 9.48 min Scan# 1376  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 1392860  
Ion Ratio Lower Upper  
43 100  
58 54.6 26.4 79.0

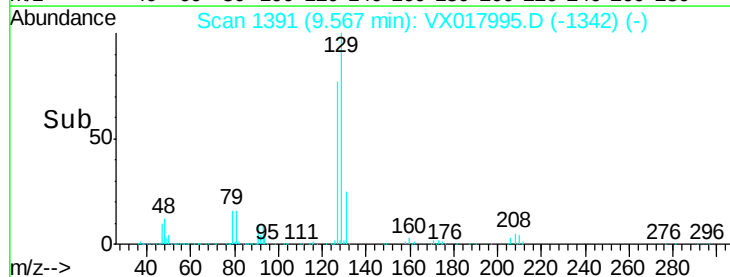
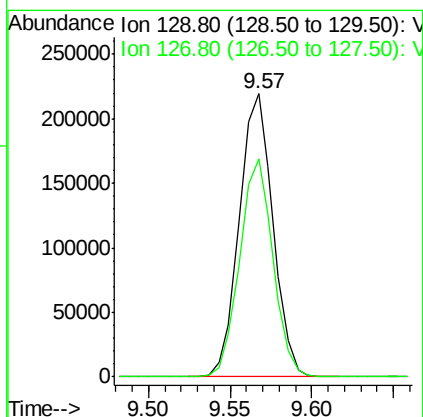
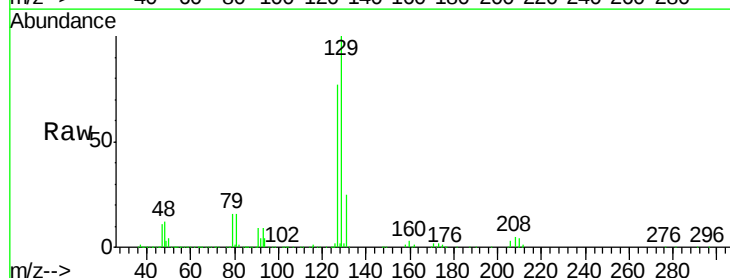
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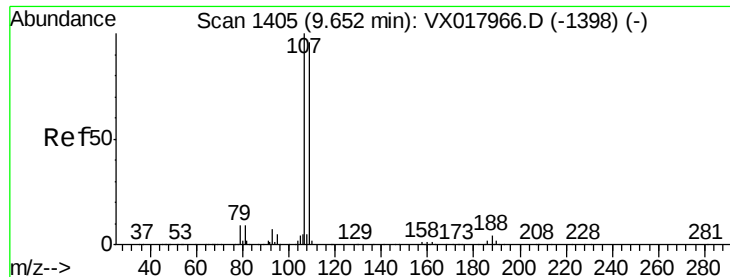
MMDadoda  
8/20/2020 9:17:14 AM



#60  
Dibromochloromethane  
Concen: 48.148 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Tgt Ion: 129 Resp: 315634  
Ion Ratio Lower Upper  
129 100  
127 76.0 39.5 118.3





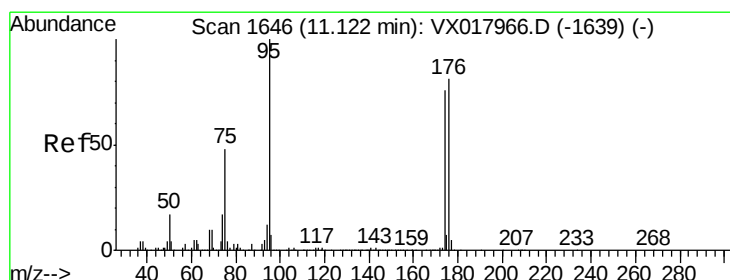
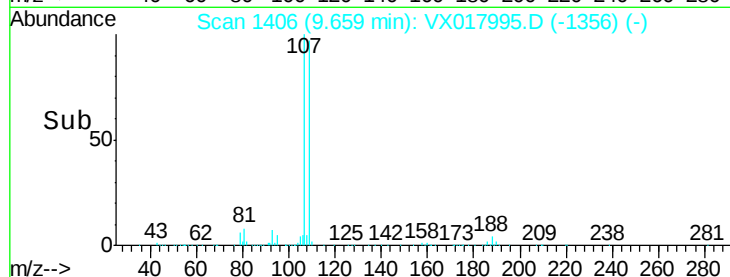
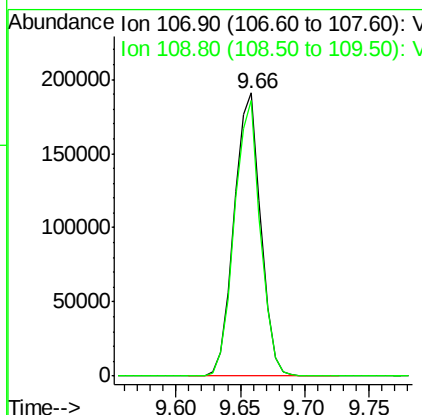
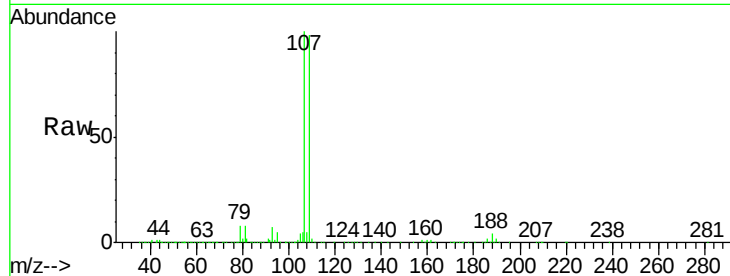
#61  
 1,2-Dibromoethane  
 Concen: 47.277 ug/l  
 RT: 9.66 min Scan# 1406  
 Delta R.T. 0.01 min  
 Lab File: VX017995.D  
 Acq: 19 Aug 2020 19:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 274872 |       |       |
| 109     | 95.1  | 75.5   | 113.3 |       |

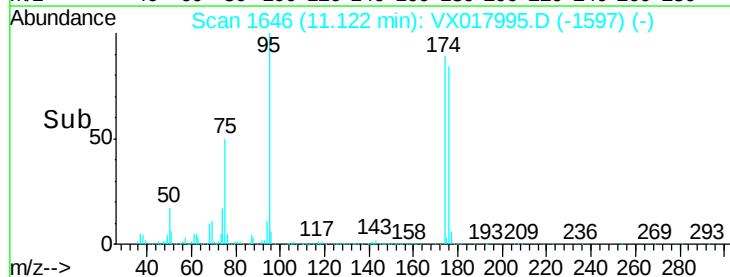
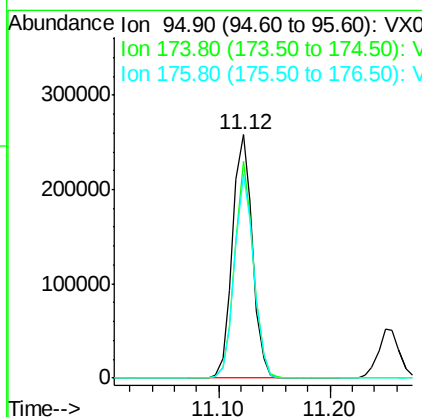
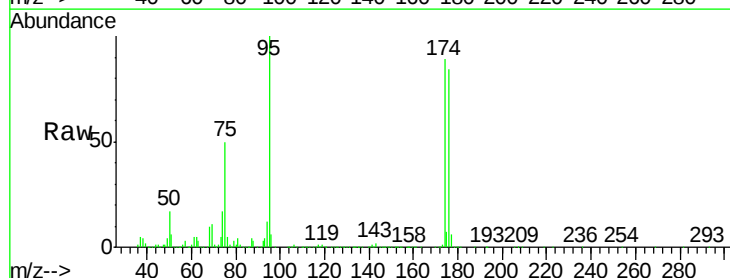
Manual Integrations  
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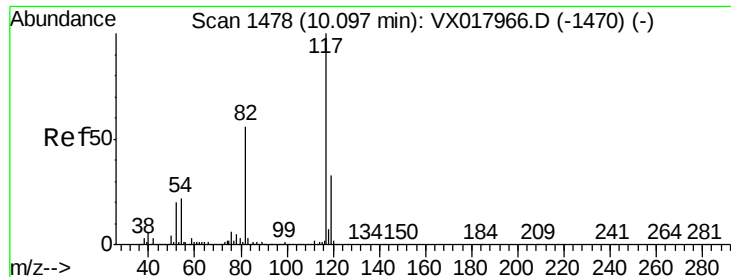
MMDadoda  
 8/20/2020 9:17:14 AM



#62  
 4-Bromofluorobenzene  
 Concen: 47.465 ug/l  
 RT: 11.12 min Scan# 1646  
 Delta R.T. 0.00 min  
 Lab File: VX017995.D  
 Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 319671 |       |       |
| 174     | 83.4  | 0.0    | 166.0 |       |
| 176     | 81.1  | 0.0    | 161.0 |       |





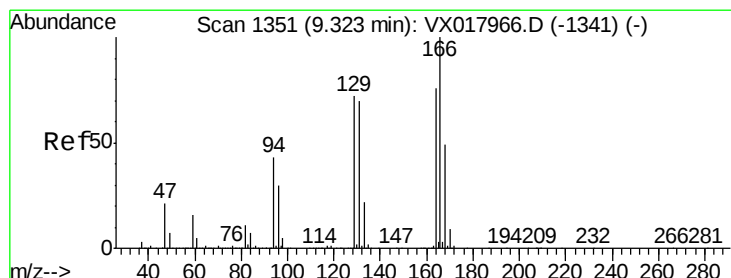
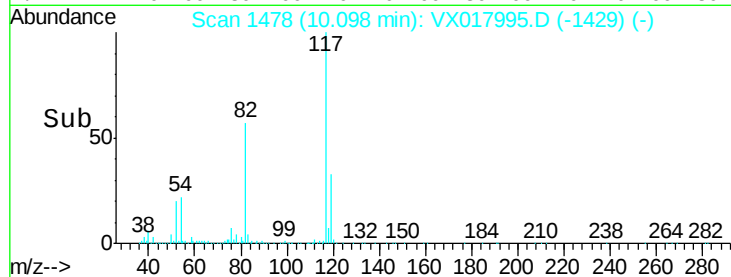
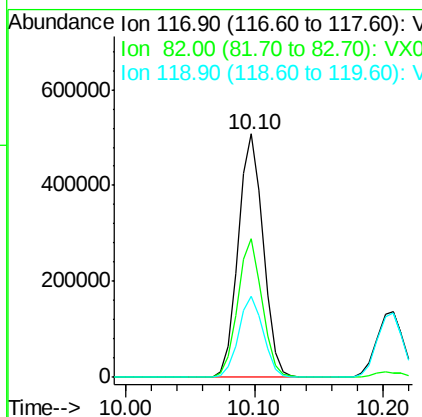
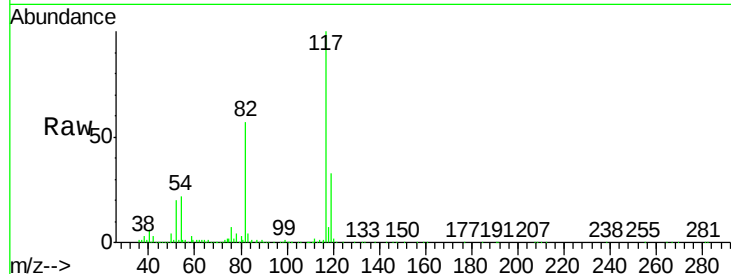
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 683166 |       |       |
| 82      | 57.2  | 44.6   | 66.8  |       |
| 119     | 33.4  | 26.2   | 39.4  |       |

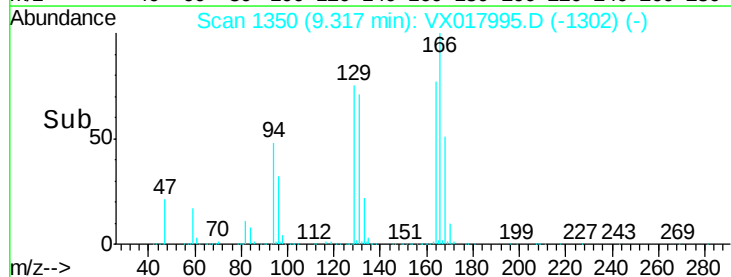
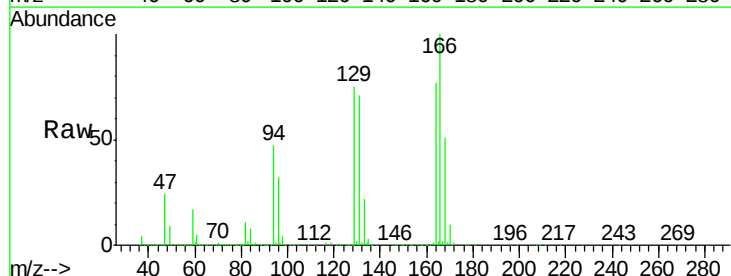
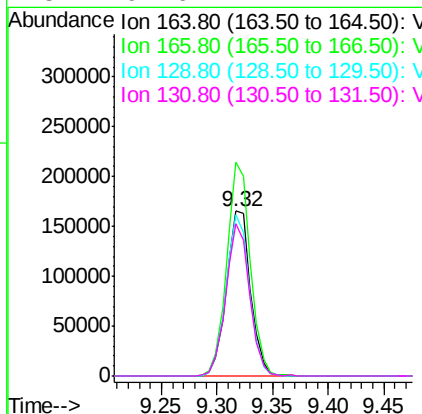
Manual Integrations  
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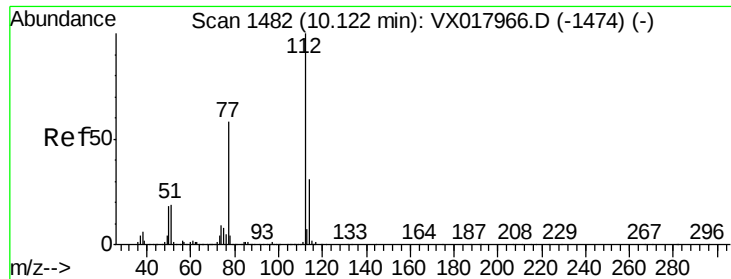
MMDadoda  
8/20/2020 9:17:14 AM



#64  
Tetrachloroethene  
Concen: 47.208 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.01 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 246294 |       |       |
| 166     | 129.7 | 105.7  | 158.5 |       |
| 129     | 97.7  | 75.8   | 113.8 |       |
| 131     | 92.6  | 74.2   | 111.4 |       |





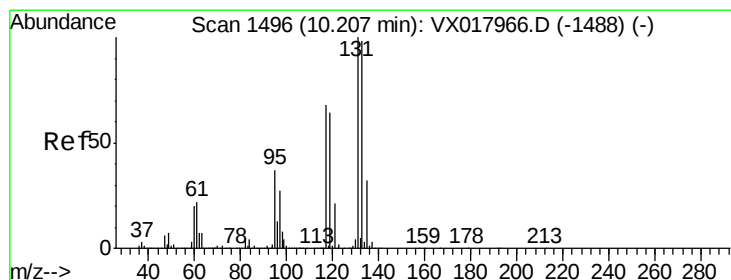
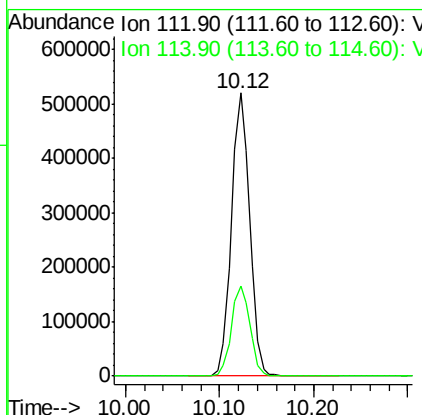
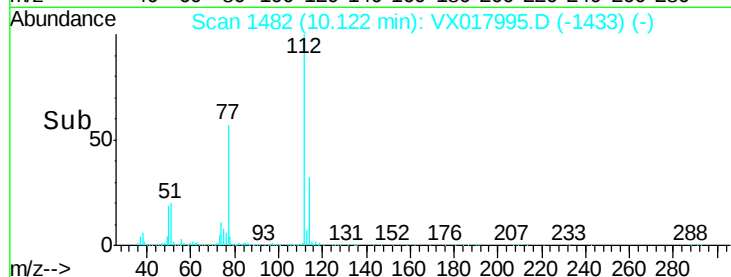
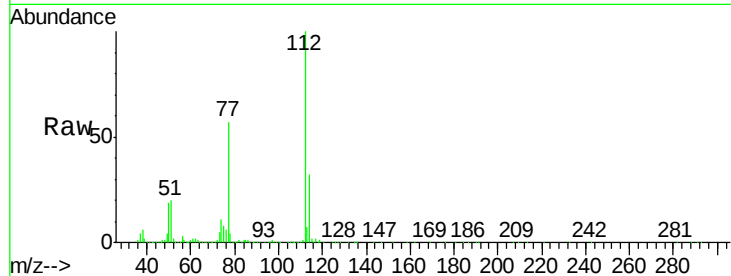
#65  
Chlorobenzene  
Concen: 51.631 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.9  | 25.0  | 37.6  |

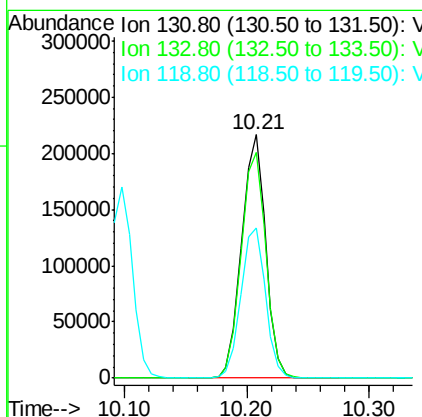
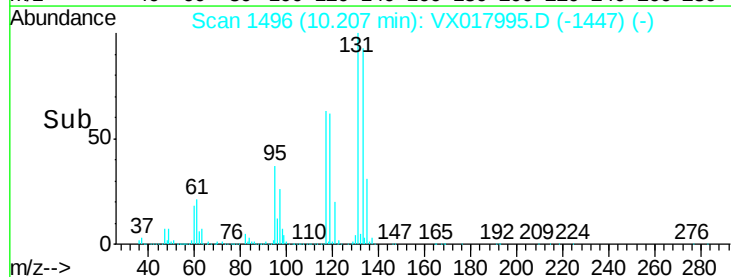
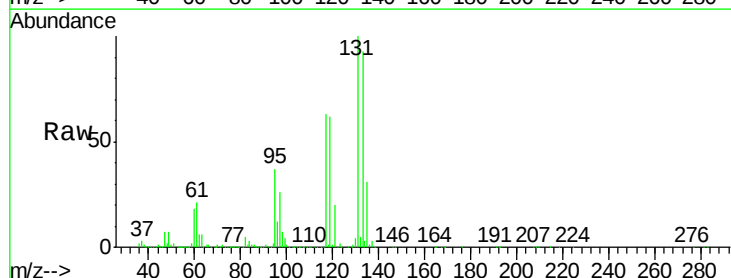
Manual Integrations  
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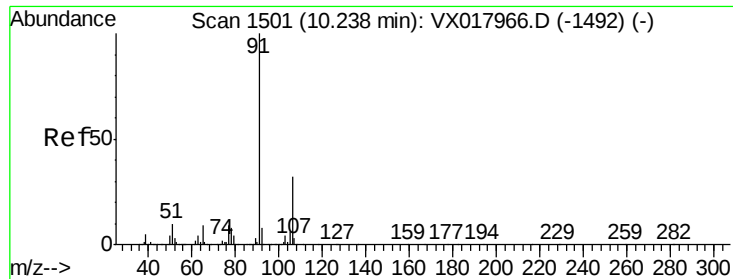
MMDadoda  
8/20/2020 9:17:14 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.337 ug/l  
RT: 10.21 min Scan# 1496  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.4  | 48.4  | 145.3 |
| 119     | 63.1  | 31.6  | 94.8  |





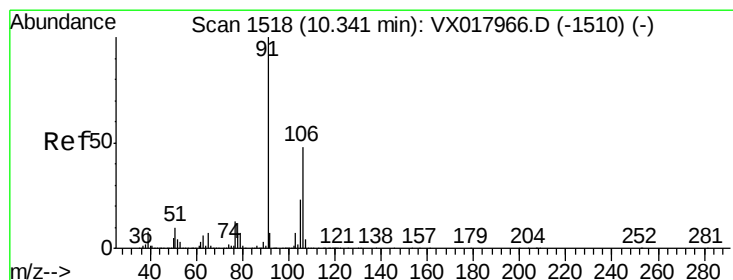
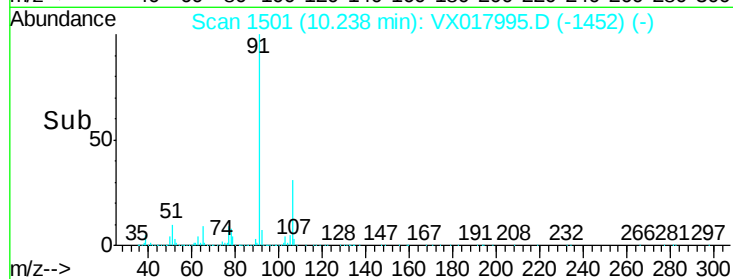
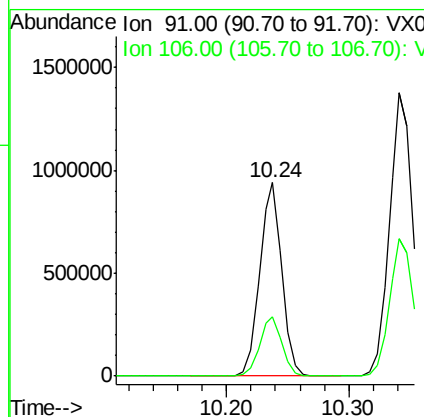
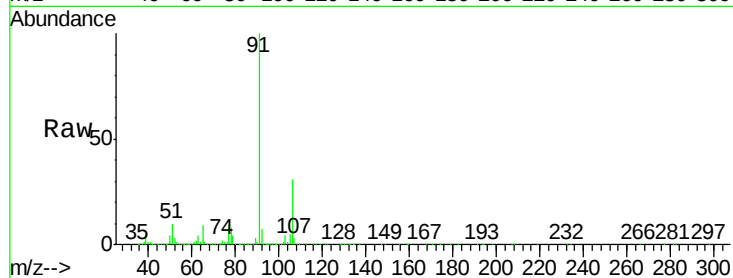
#67  
Ethyl Benzene  
Concen: 53.107 ug/l  
RT: 10.24 min Scan# 1501  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 1187220  
Ion Ratio Lower Upper  
91 100  
106 30.6 25.4 38.0

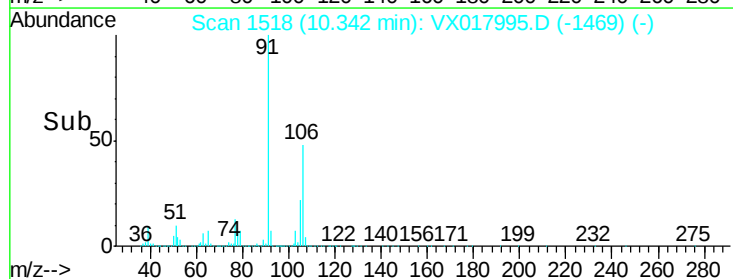
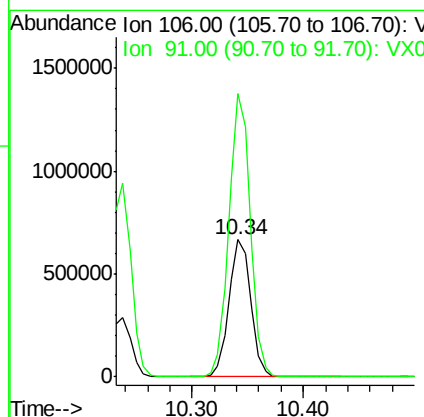
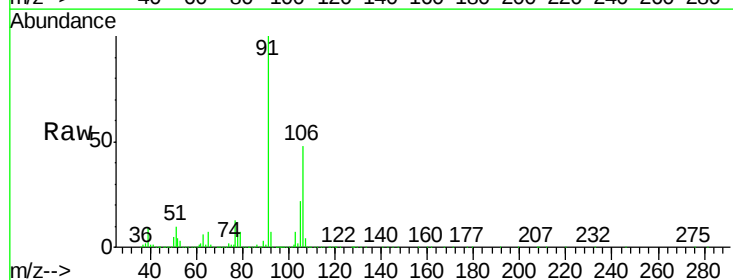
Manual Integrations  
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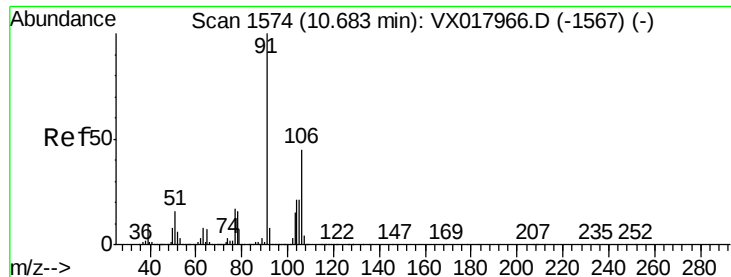
MMDadoda  
8/20/2020 9:17:14 AM



#68  
m/p-Xylenes  
Concen: 104.686 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Tgt Ion: 106 Resp: 900981  
Ion Ratio Lower Upper  
106 100  
91 202.9 167.4 251.2





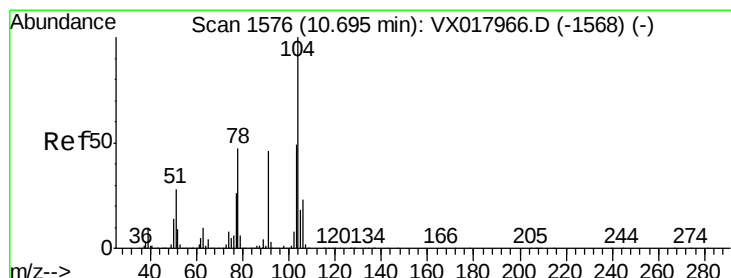
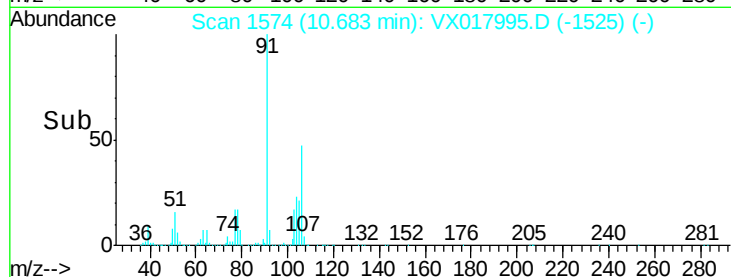
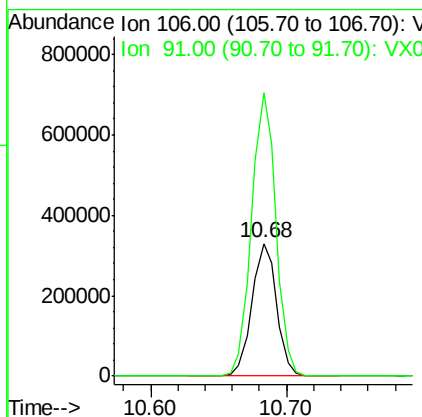
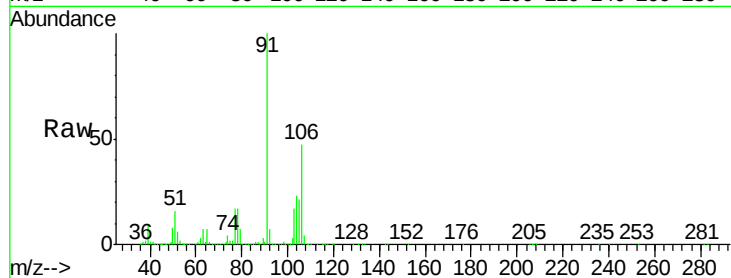
#69  
o-Xylene  
Concen: 50.636 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 211.6 | 108.1 | 324.2 |

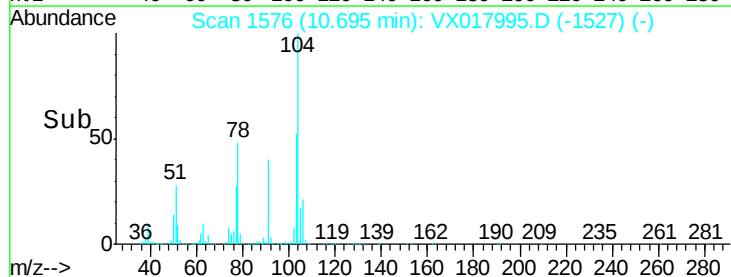
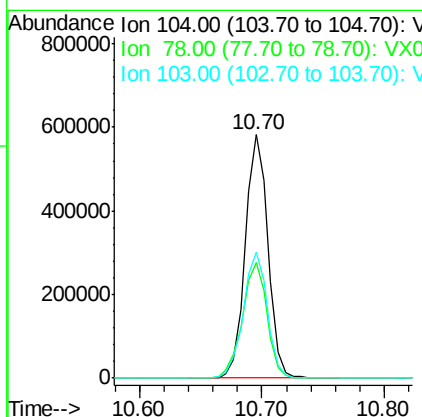
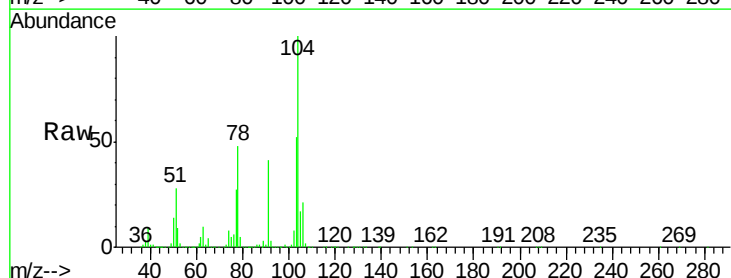
Manual Integrations  
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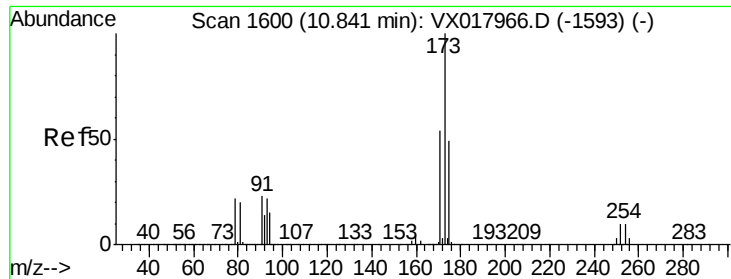
MMDadoda  
8/20/2020 9:17:14 AM



#70  
Styrene  
Concen: 52.132 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 52.0  | 41.3  | 61.9  |
| 103     | 54.9  | 42.9  | 64.3  |





#71

Bromoform

Concen: 48.298 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

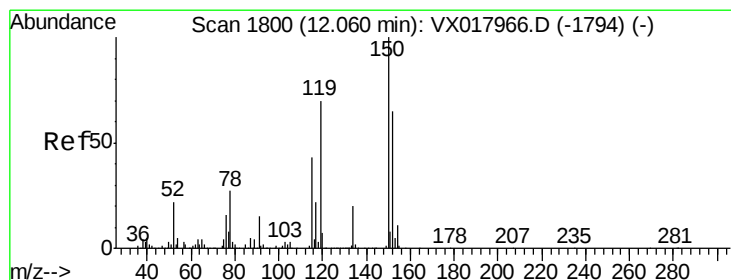
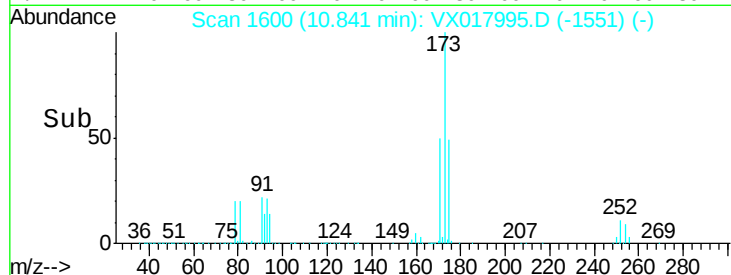
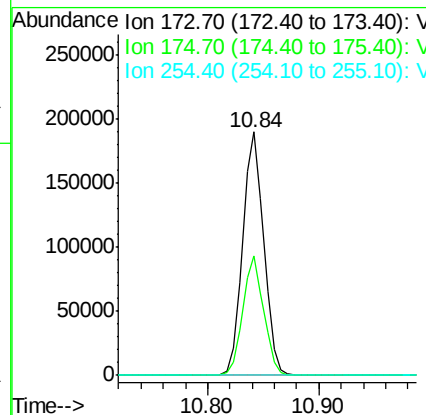
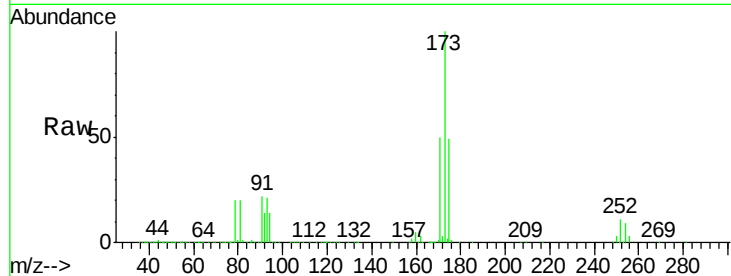
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.4  | 24.4  | 73.2  |
| 254     | 0.1   | 0.2   | 0.2   |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

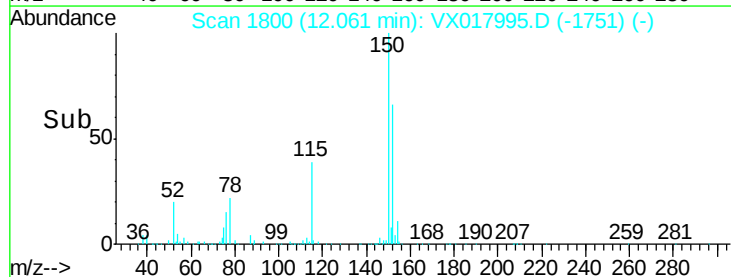
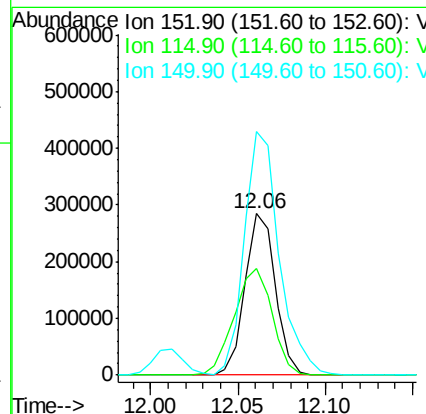
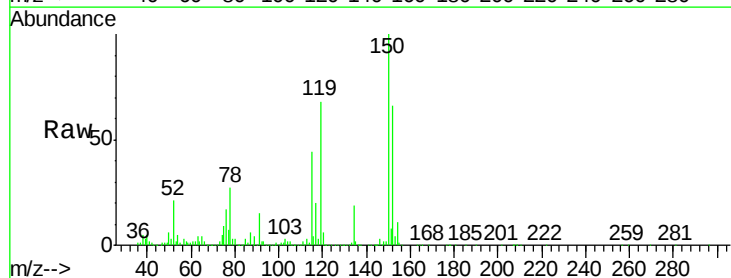
RT: 12.06 min Scan# 1800

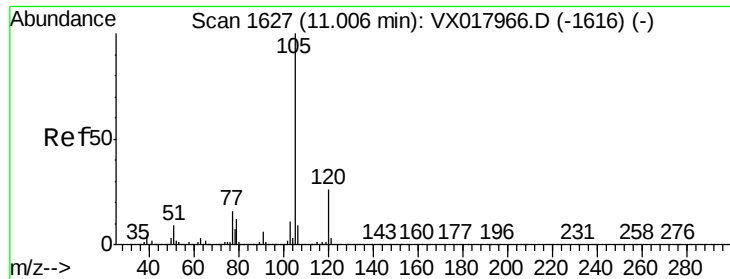
Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 82.3  | 40.6  | 121.7 |
| 150     | 172.6 | 0.0   | 346.4 |





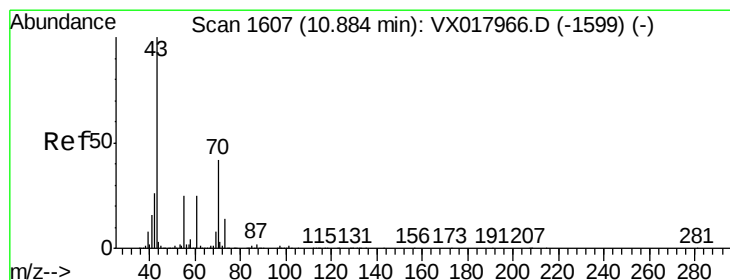
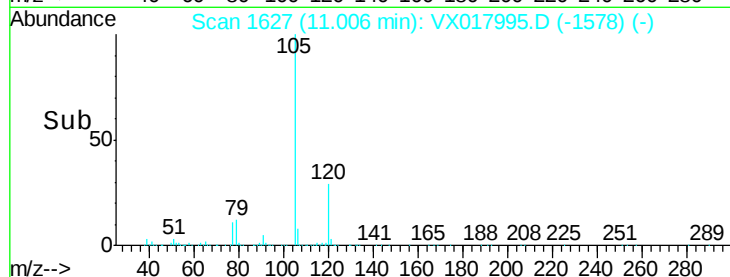
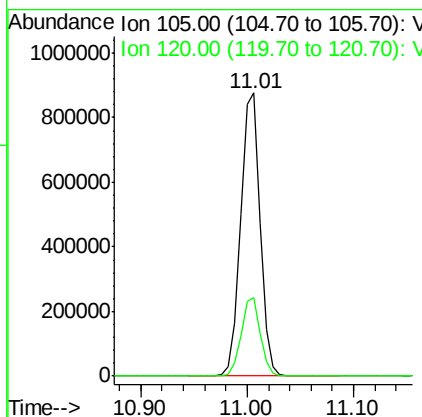
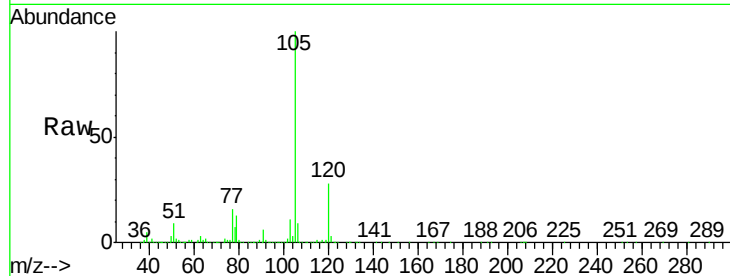
#73  
Isopropylbenzene  
Concen: 50.701 ug/l  
RT: 11.01 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 105 Resp: 1124609  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.5 40.4

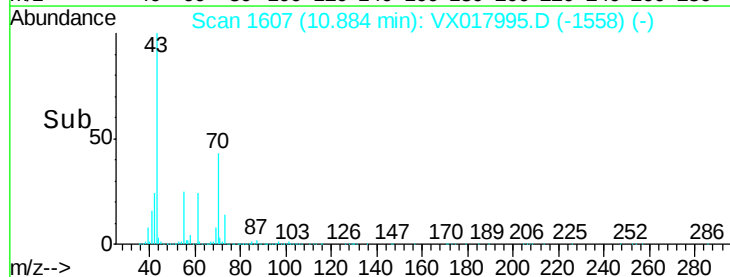
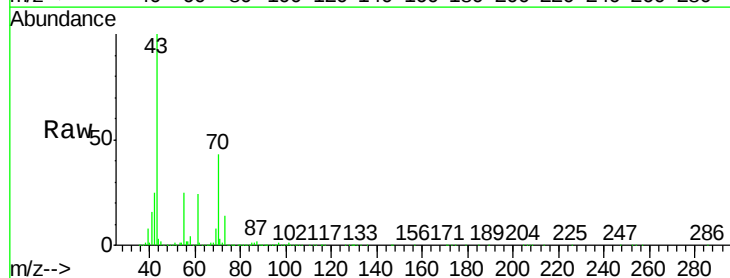
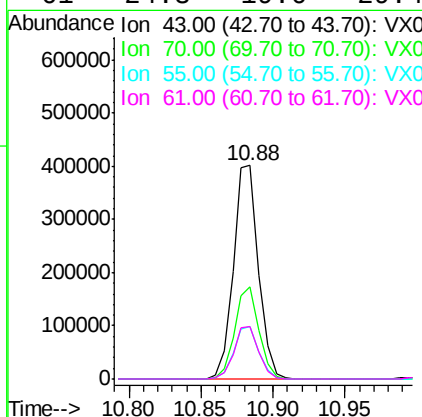
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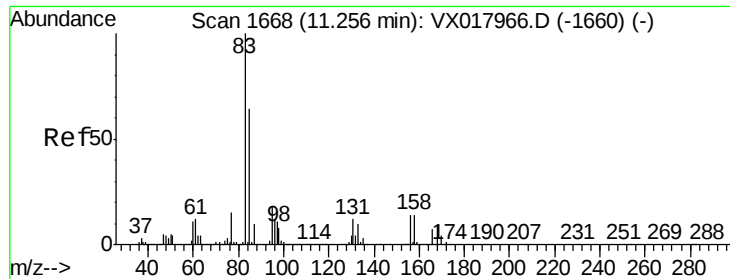
MMDadoda  
8/20/2020 9:17:14 AM



#74  
N-ethyl acetate  
Concen: 49.394 ug/l  
RT: 10.88 min Scan# 1607  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Tgt Ion: 43 Resp: 487325  
Ion Ratio Lower Upper  
43 100  
70 41.8 32.9 49.3  
55 24.6 19.3 28.9  
61 24.3 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.008 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

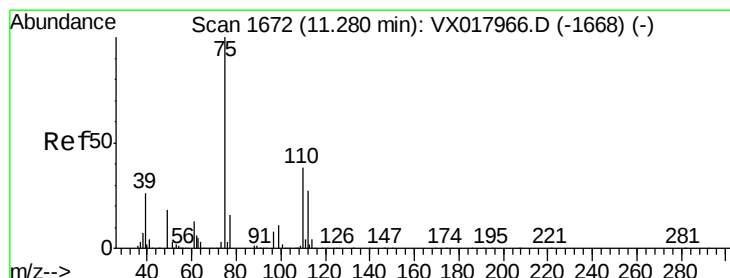
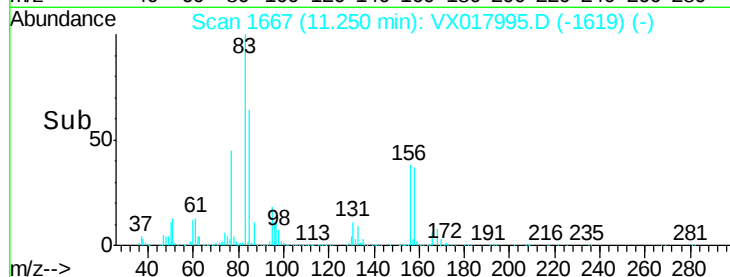
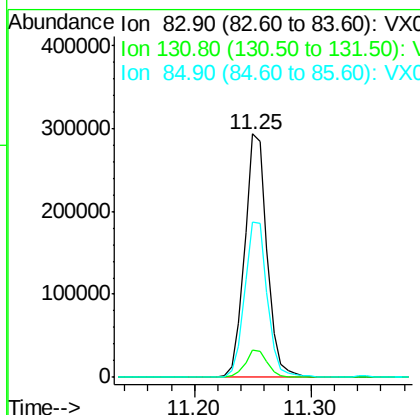
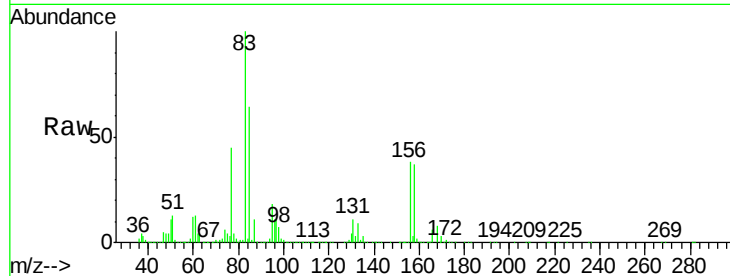
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 394692 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.0  | 5.7   | 17.0   |
| 85        | 64.7  | 32.2  | 96.6   |

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#76

1,2,3-Trichloropropane

Concen: 50.772 ug/l m

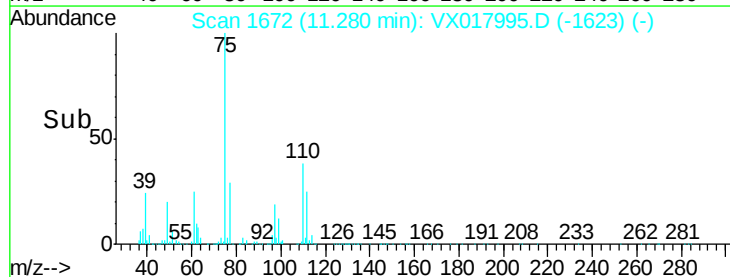
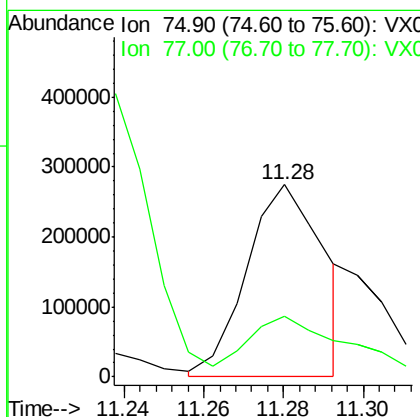
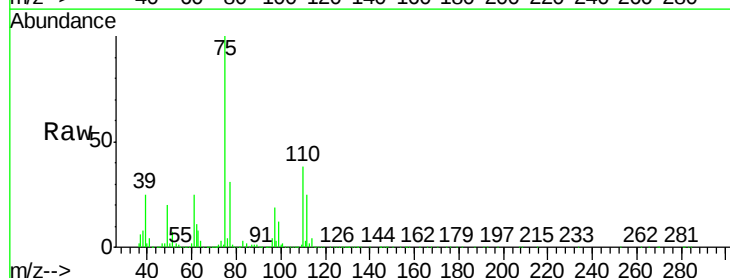
RT: 11.28 min Scan# 1672

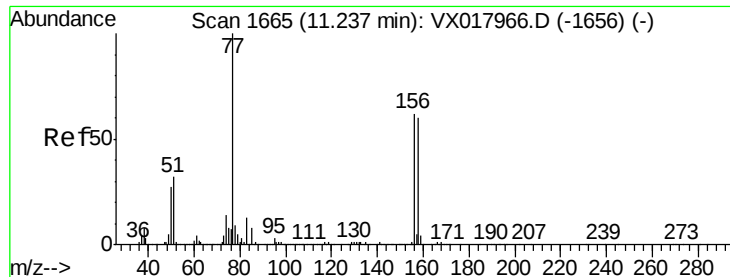
Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 372091 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 40.8  | 21.1  | 63.1   |





#77

Bromobenzene

Concen: 53.386 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

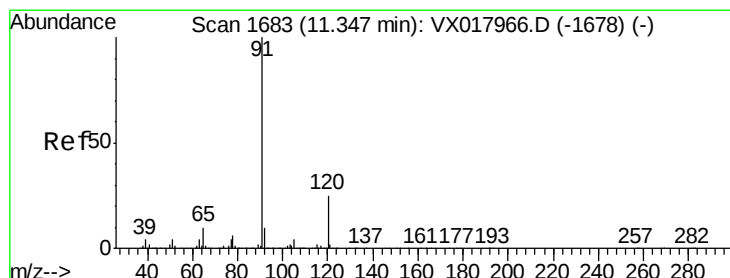
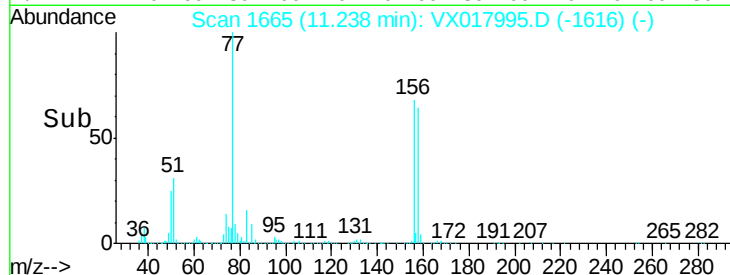
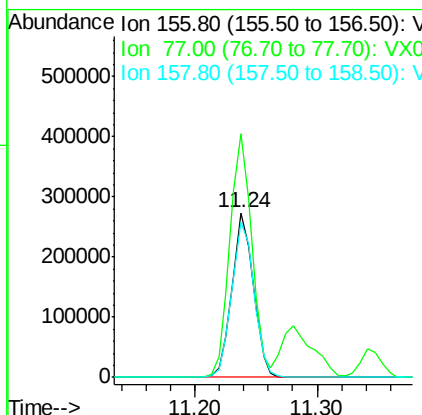
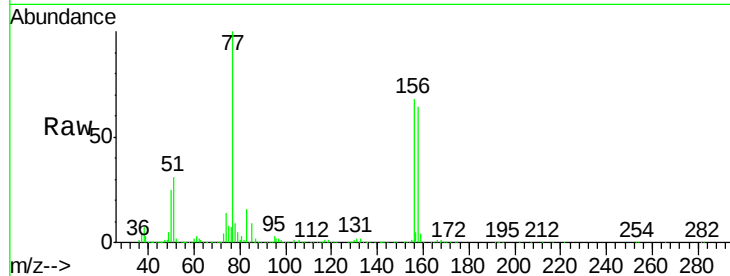
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 152.1 | 78.0  | 234.0 |
| 158     | 98.4  | 49.2  | 147.6 |

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#78

n-propylbenzene

Concen: 50.356 ug/l

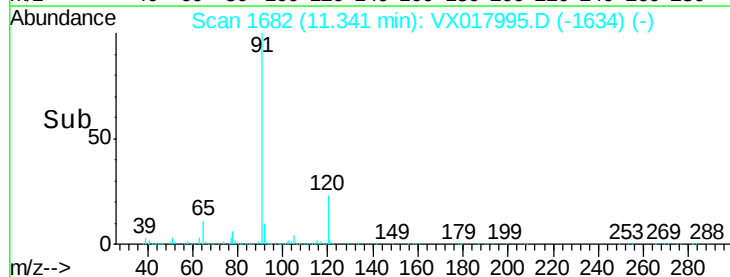
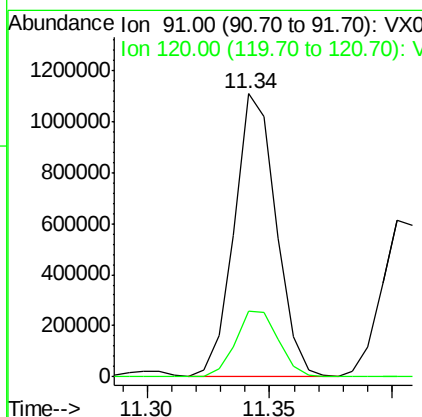
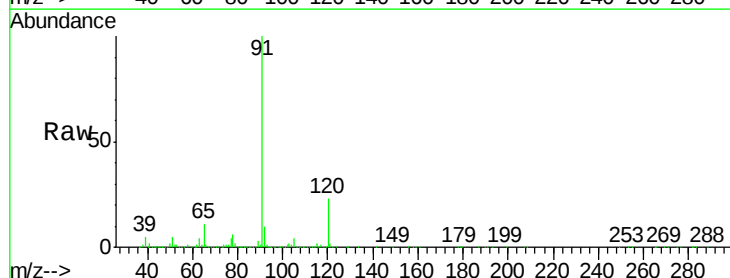
RT: 11.34 min Scan# 1682

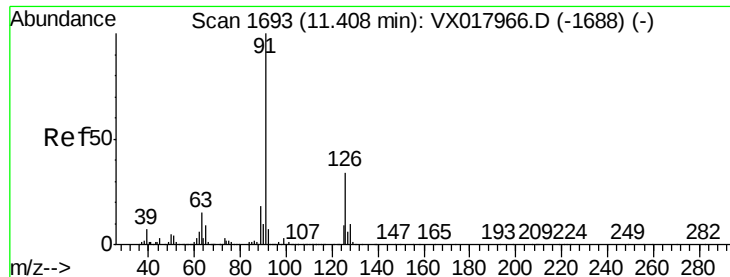
Delta R.T. -0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.2  | 12.0  | 36.1  |





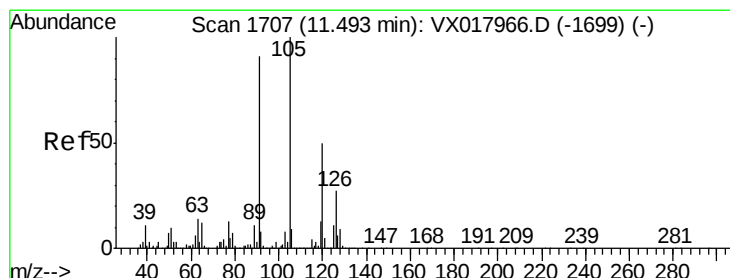
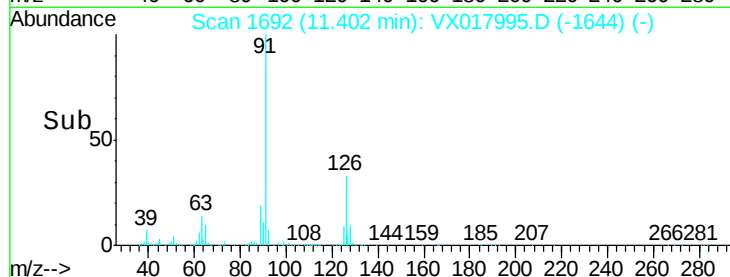
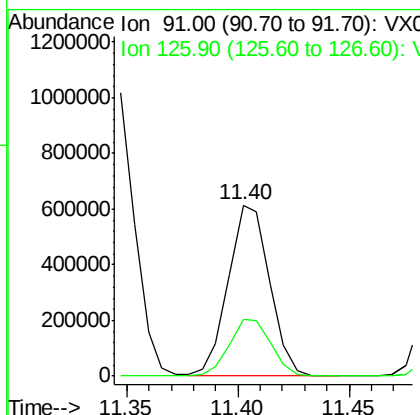
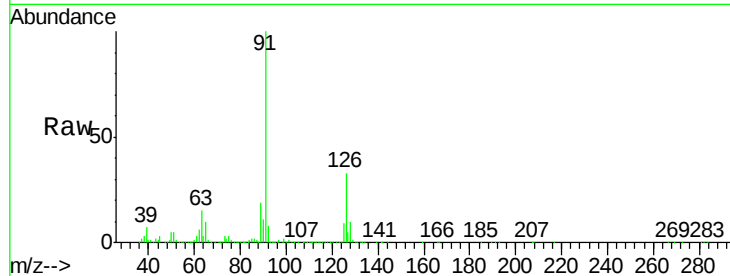
#79  
 2-Chlorotoluene  
 Concen: 50.102 ug/l  
 RT: 11.40 min Scan# 1692  
 Delta R.T. -0.01 min  
 Lab File: VX017995.D  
 Acq: 19 Aug 2020 19:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.8  | 17.1  | 51.2  |

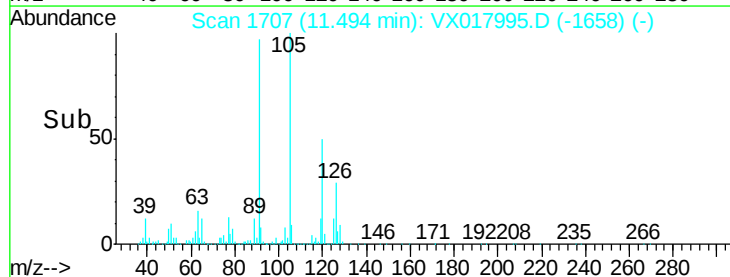
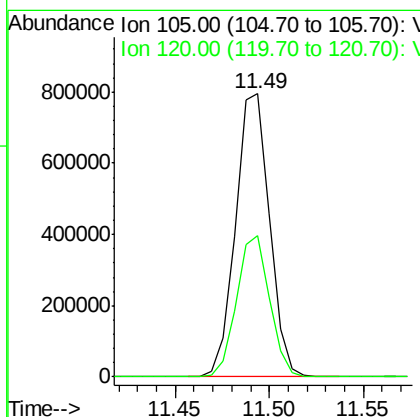
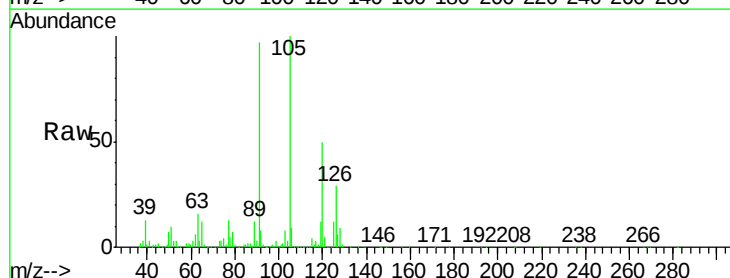
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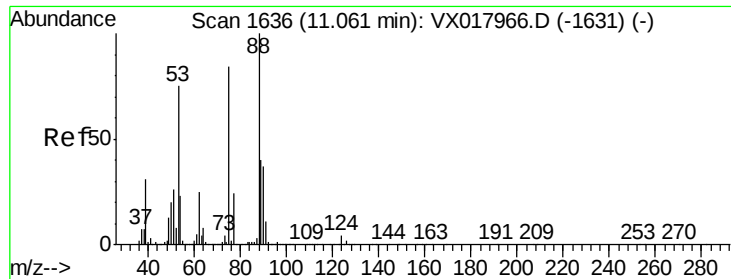
MMDadoda  
 8/20/2020 9:17:14 AM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 50.878 ug/l  
 RT: 11.49 min Scan# 1707  
 Delta R.T. 0.00 min  
 Lab File: VX017995.D  
 Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 48.6  | 24.1  | 72.4  |





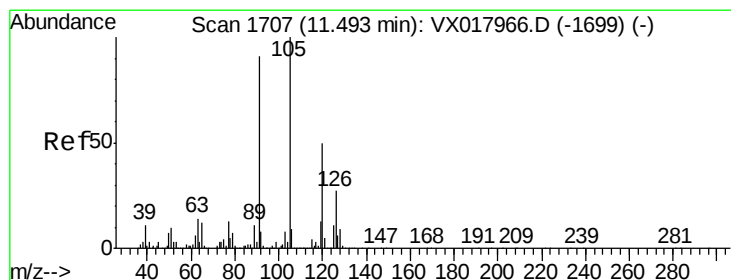
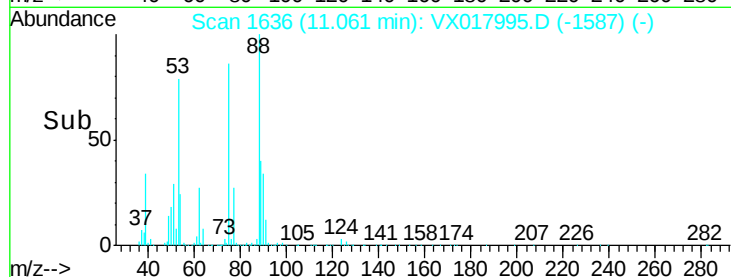
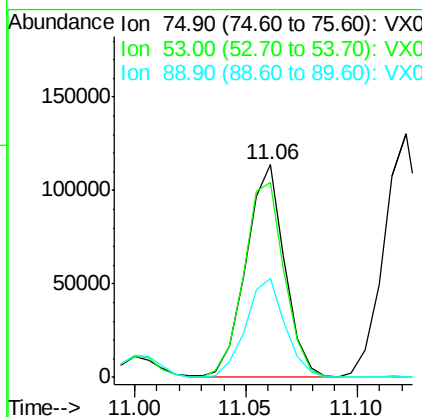
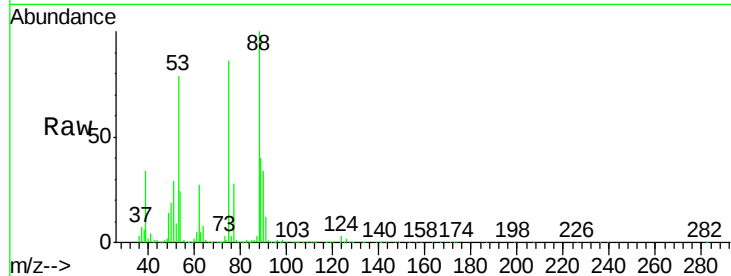
#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.829 ug/l  
RT: 11.06 min Scan# 1636  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 96.5  | 75.2  | 112.8 |
| 89      | 47.7  | 38.4  | 57.6  |

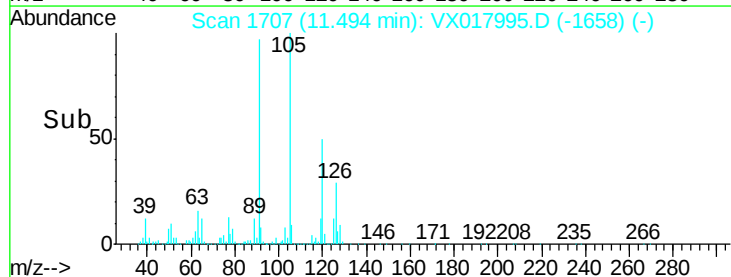
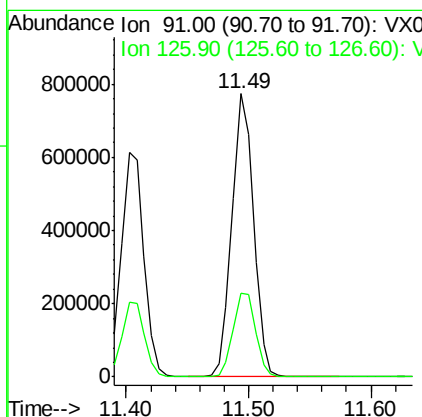
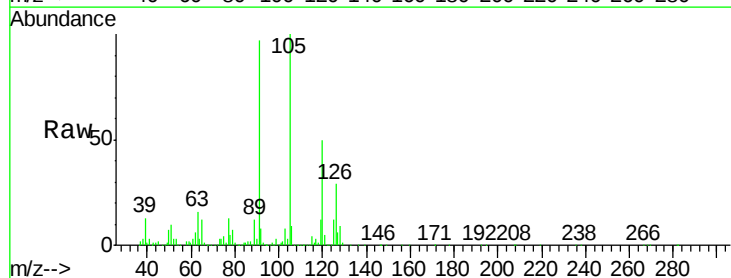
Manual Integrations  
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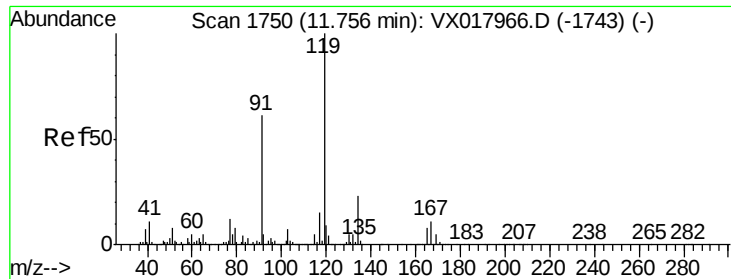
MMDadoda  
8/20/2020 9:17:14 AM



#82  
4-Chlorotoluene  
Concen: 50.749 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.6  | 15.0  | 45.0  |





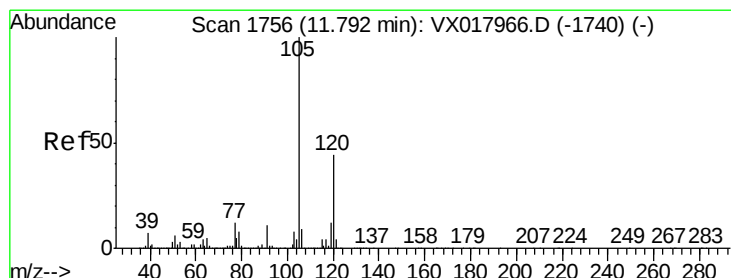
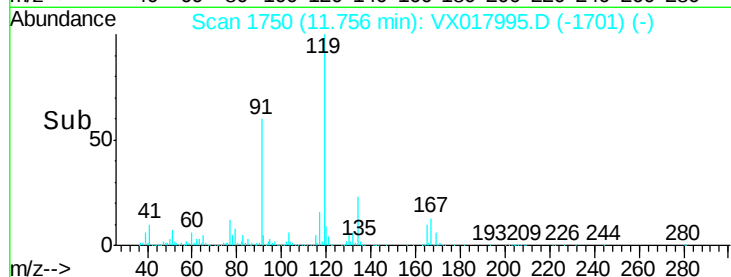
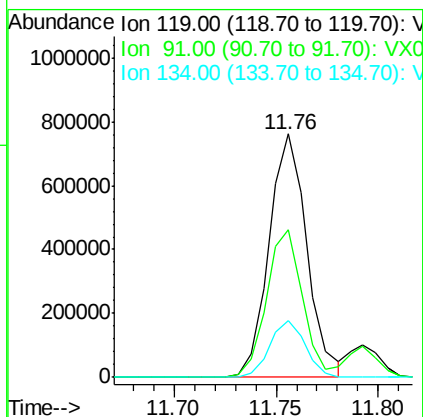
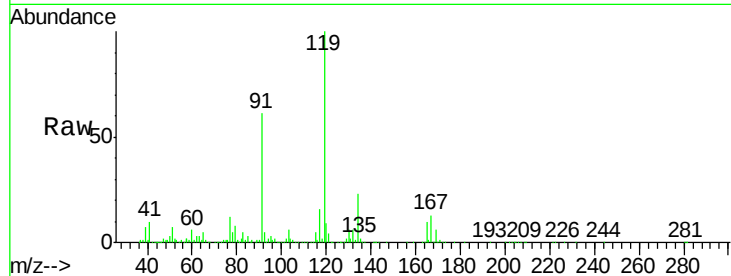
#83  
tert-Butylbenzene  
Concen: 53.557 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 57.3  | 30.1  | 90.5  |
| 134     | 22.2  | 11.1  | 33.1  |

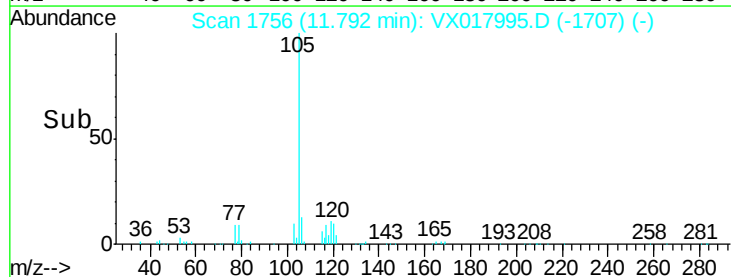
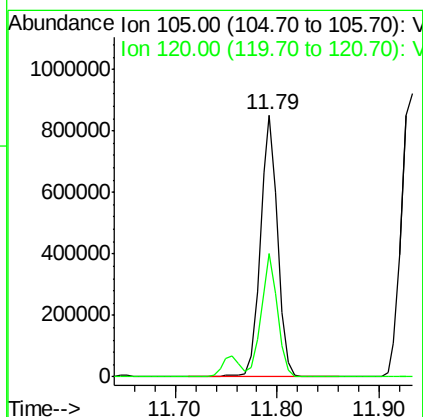
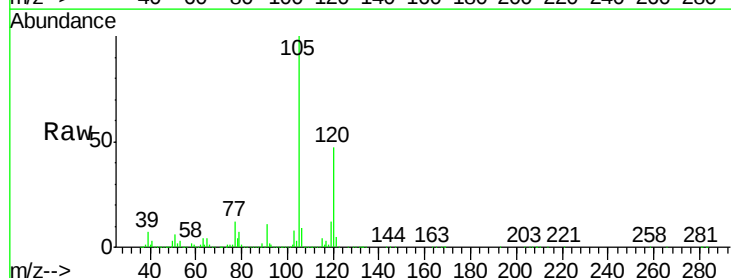
Manual Integrations  
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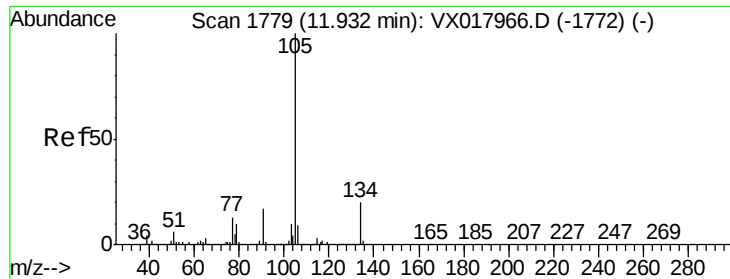
MMDadoda  
8/20/2020 9:17:14 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 50.057 ug/l  
RT: 11.79 min Scan# 1756  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.8  | 22.1  | 66.1  |





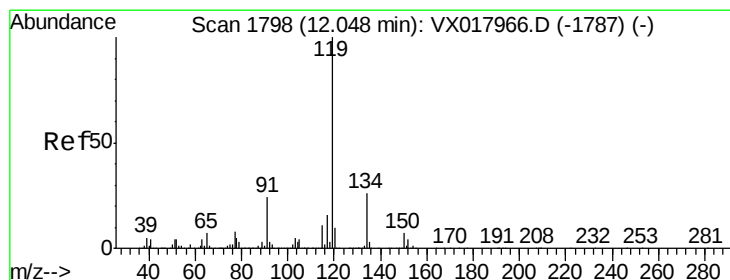
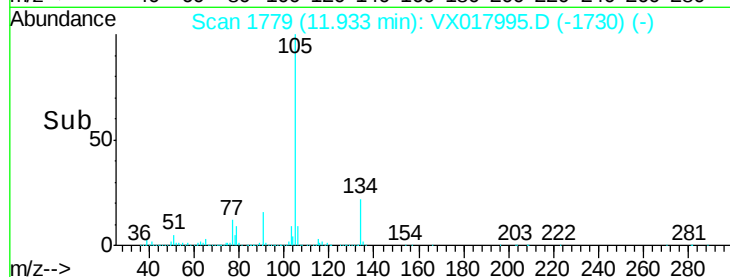
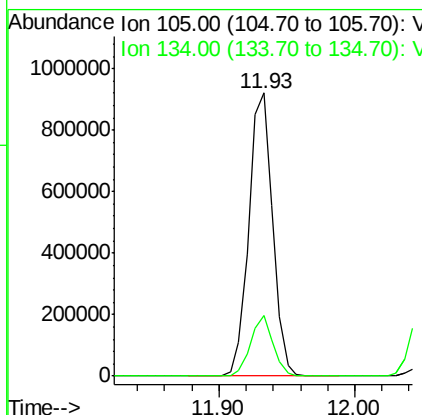
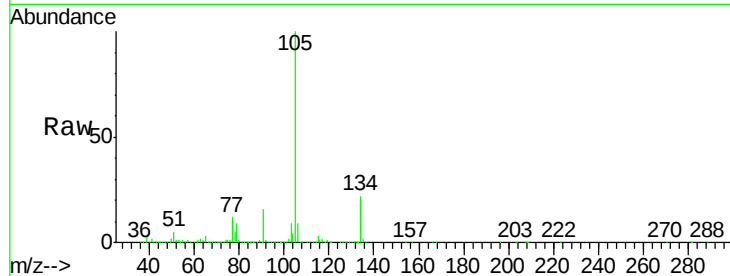
#85  
 sec-Butylbenzene  
 Concen: 50.949 ug/l  
 RT: 11.93 min Scan# 1779  
 Delta R.T. 0.00 min  
 Lab File: VX017995.D  
 Acq: 19 Aug 2020 19:07

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Tot Ion:105 Resp: 1130873  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.3 30.9

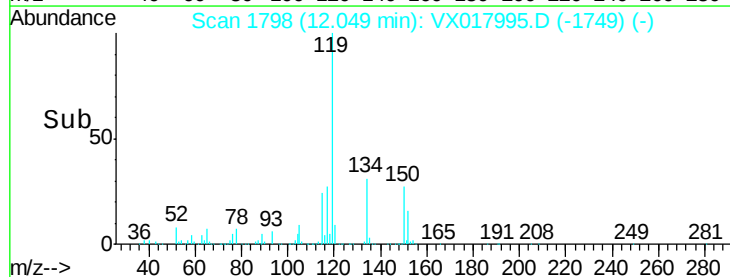
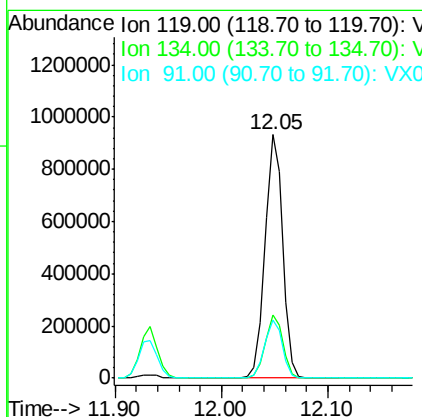
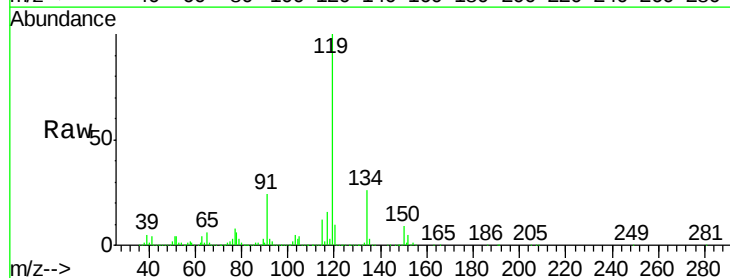
Manual Integrations  
 APPROVED

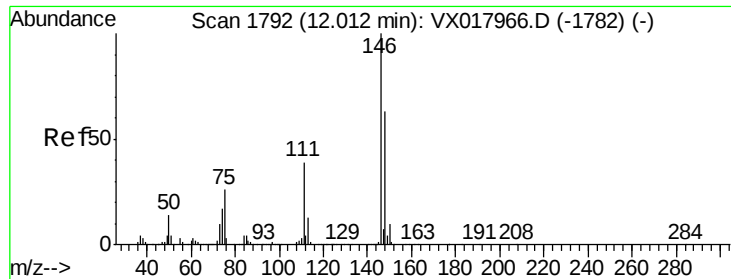
MMDadoda  
 8/20/2020 9:17:14 AM



#86  
 p-Isopropyltoluene  
 Concen: 52.501 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. 0.00 min  
 Lab File: VX017995.D  
 Acq: 19 Aug 2020 19:07

Tgt Ion:119 Resp: 1084017  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 12.7 38.0  
 91 23.9 12.2 36.4





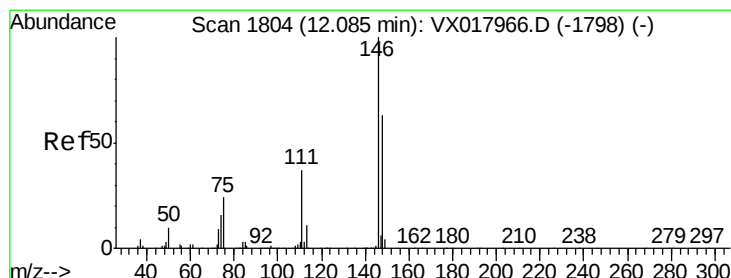
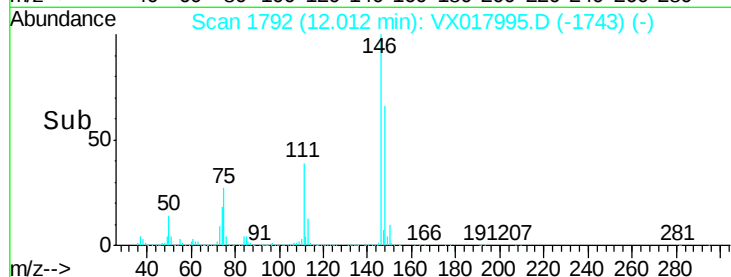
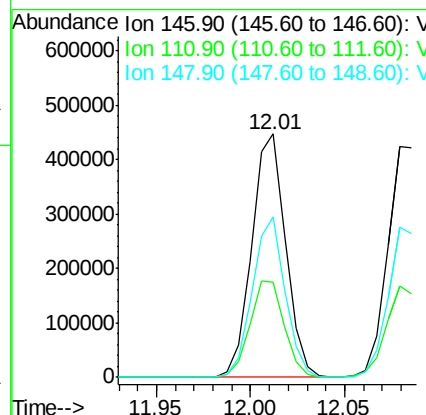
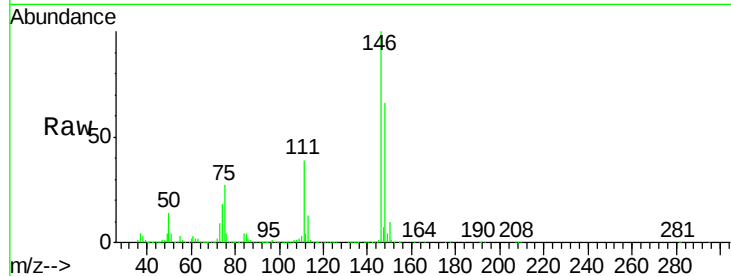
#87  
 1,3-Dichlorobenzene  
 Concen: 49.672 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX017995.D  
 Acq: 19 Aug 2020 19:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.2  | 20.1  | 60.3  |
| 148     | 63.7  | 31.6  | 95.0  |

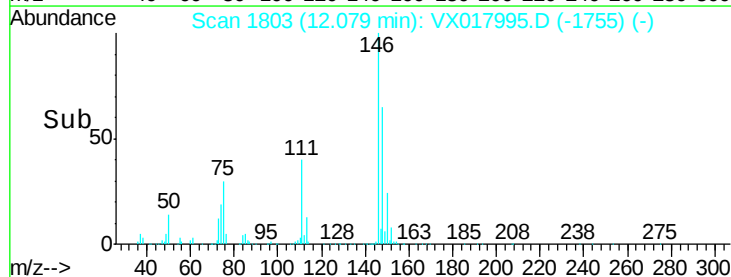
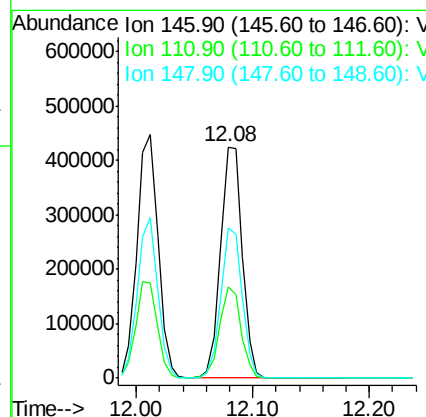
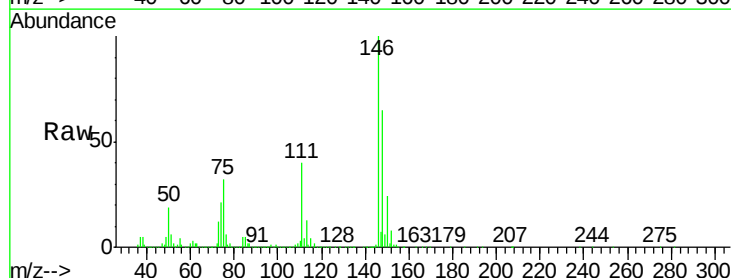
Manual Integrations  
 APPROVED

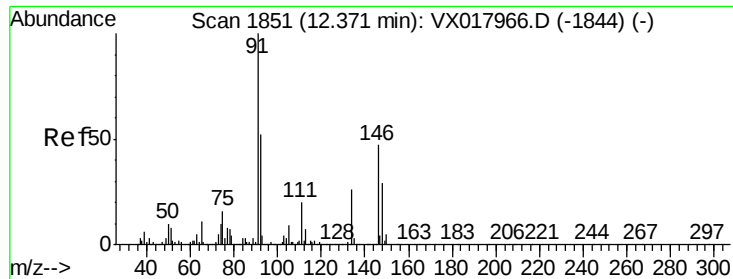
MMDadoda  
 8/20/2020 9:17:14 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 49.505 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.01 min  
 Lab File: VX017995.D  
 Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.0  | 19.7  | 59.1  |
| 148     | 63.7  | 31.9  | 95.7  |





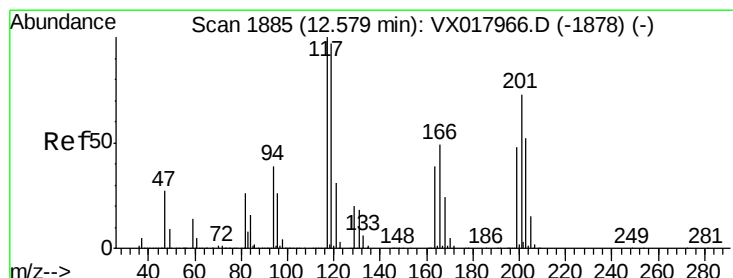
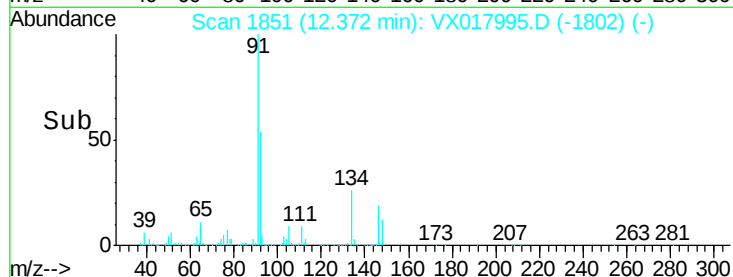
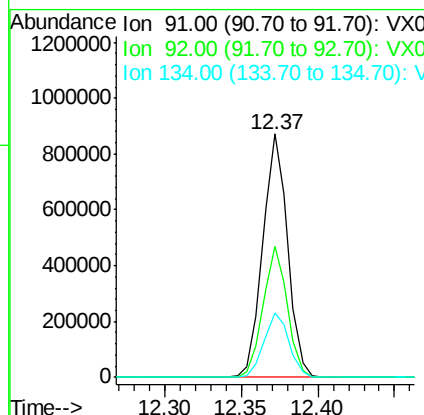
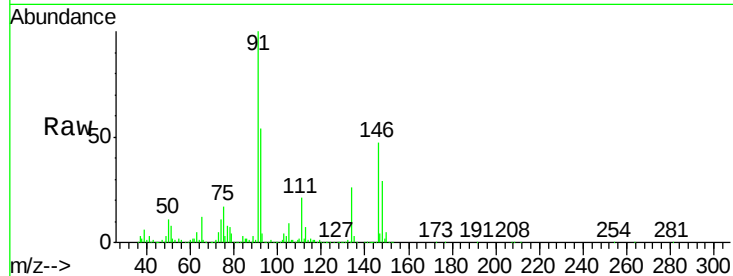
#89  
n-Butylbenzene  
Concen: 57.796 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.7  | 25.7  | 77.0  |
| 134     | 27.0  | 13.4  | 40.2  |

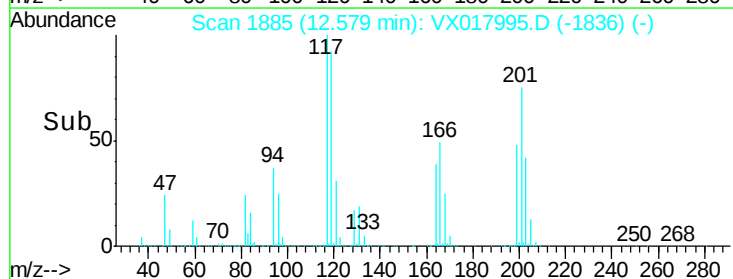
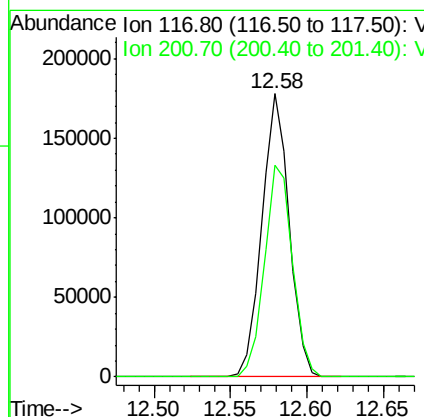
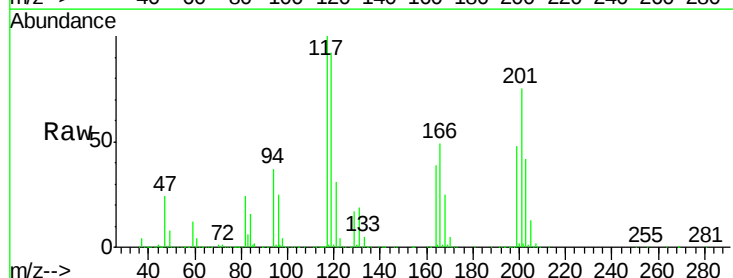
Manual Integrations  
APPROVED

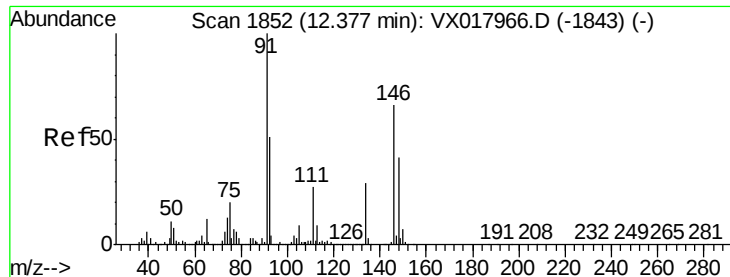
MMDadoda  
8/20/2020 9:17:14 AM



#90  
Hexachloroethane  
Concen: 54.101 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 76.9  | 40.8  | 122.2 |





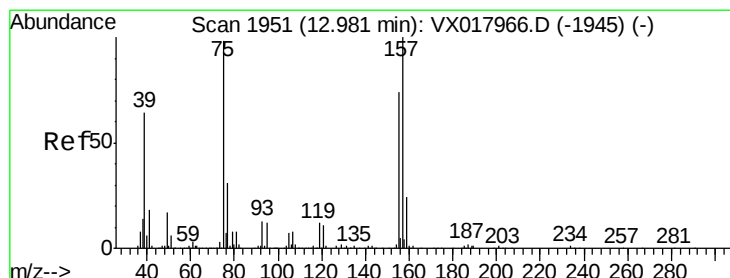
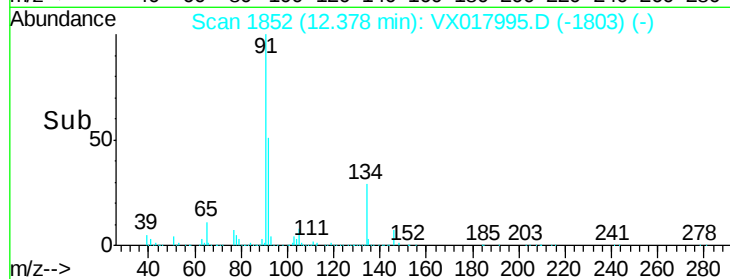
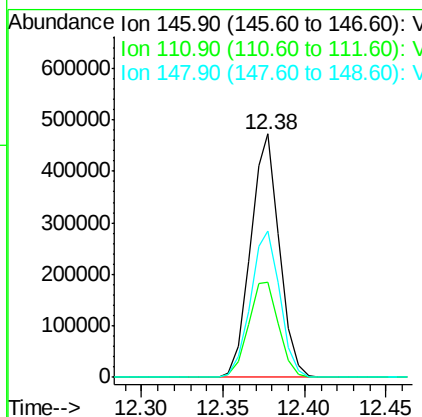
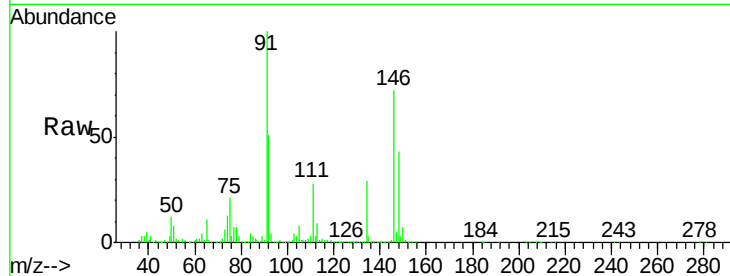
#91  
 1,2-Dichlorobenzene  
 Concen: 55.908 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. 0.00 min  
 Lab File: VX017995.D  
 Acq: 19 Aug 2020 19:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.5  | 20.6  | 61.9  |
| 148     | 61.5  | 31.2  | 93.6  |

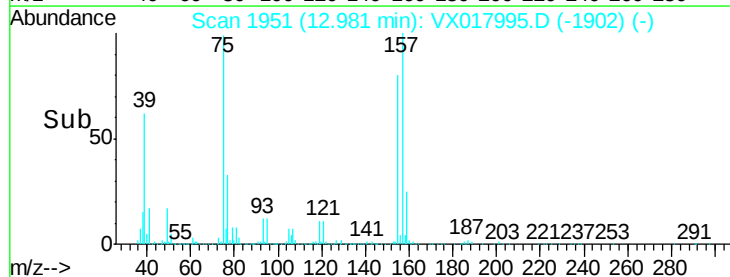
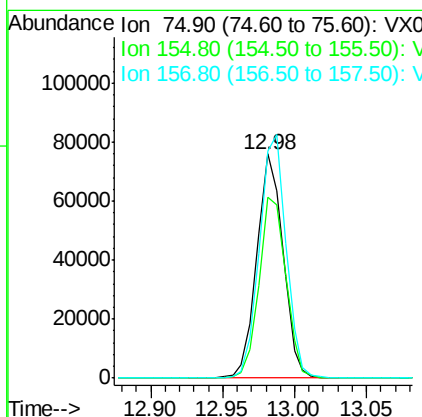
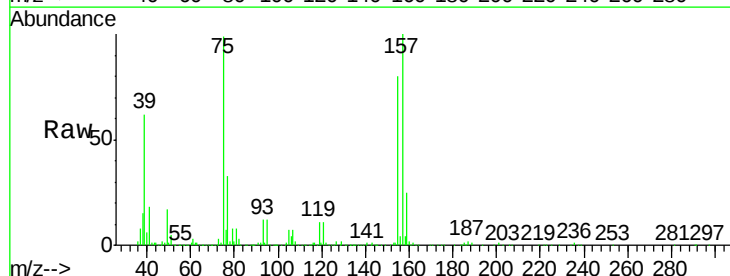
Manual Integrations  
 APPROVED

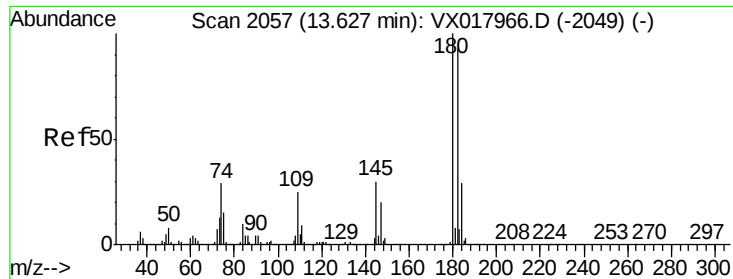
MMDadoda  
 8/20/2020 9:17:14 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.194 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. 0.00 min  
 Lab File: VX017995.D  
 Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 82.8  | 40.5  | 121.5 |
| 157     | 110.3 | 54.4  | 163.2 |





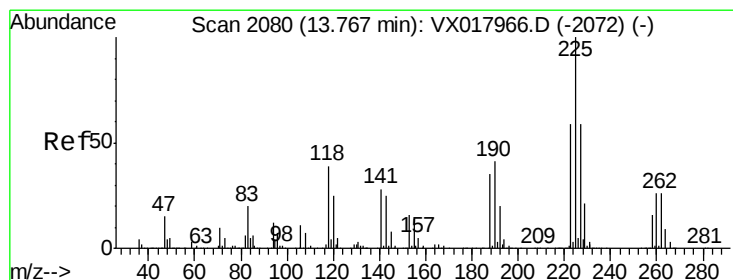
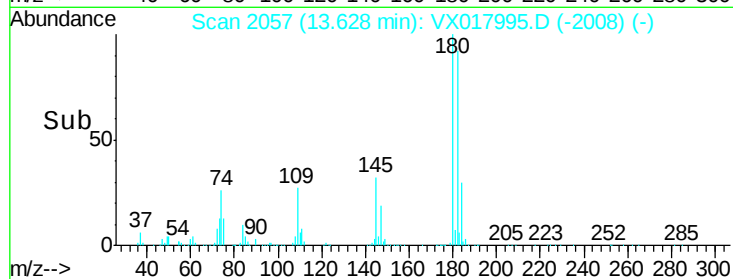
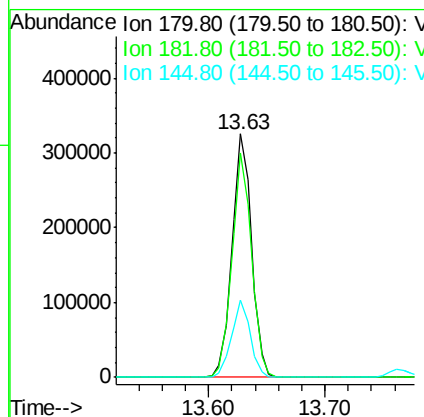
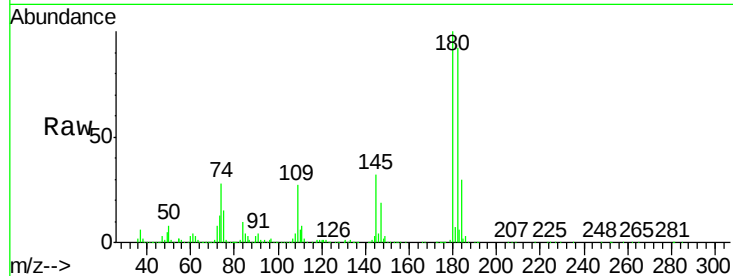
#93  
1,2,4-Trichlorobenzene  
Concen: 55.968 ug/l  
RT: 13.63 min Scan# 2057  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 380705 |       |       |
| 182     | 92.3  | 48.8   | 146.4 |       |
| 145     | 30.5  | 16.0   | 48.0  |       |

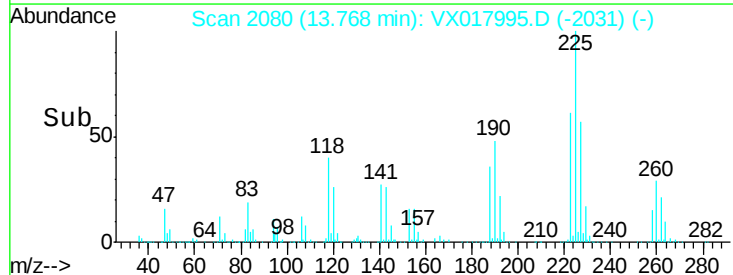
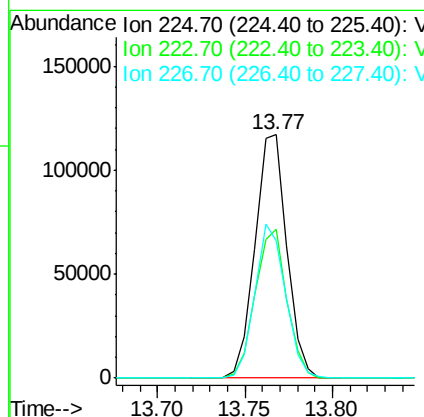
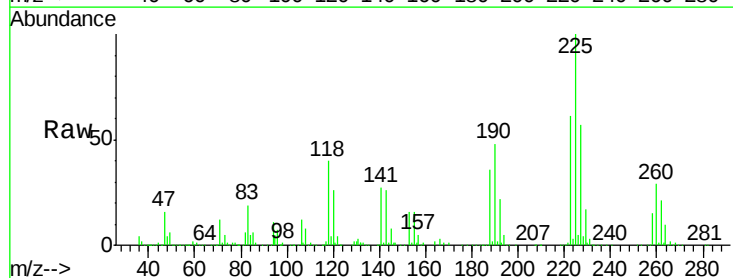
Manual Integrations  
APPROVED

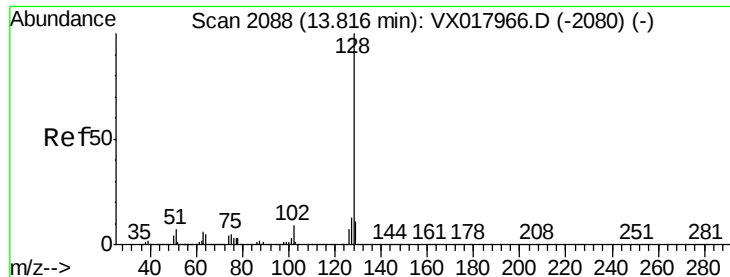
MMDadoda  
8/20/2020 9:17:14 AM



#94  
Hexachlorobutadiene  
Concen: 50.953 ug/l  
RT: 13.77 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX017995.D  
Acq: 19 Aug 2020 19:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 147913 |       |       |
| 223     | 60.9  | 32.1   | 96.3  |       |
| 227     | 60.9  | 29.8   | 89.5  |       |





#95

Naphthalene

Concen: 55.120 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1183532

Ion Ratio Lower Upper

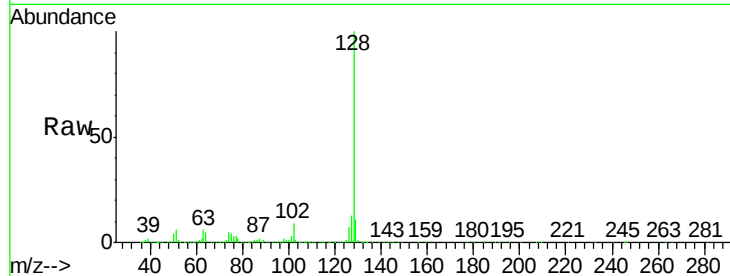
128 100

127 13.1 10.7 16.1

129 10.7 8.6 13.0

Manual Integrations  
APPROVED

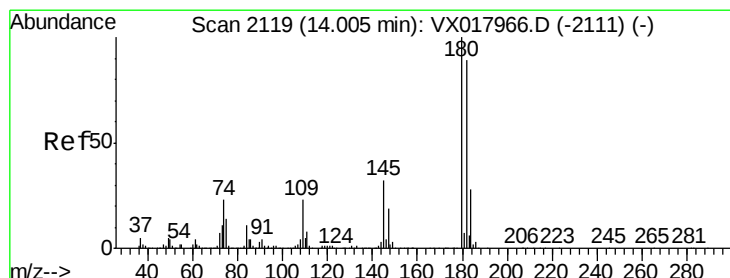
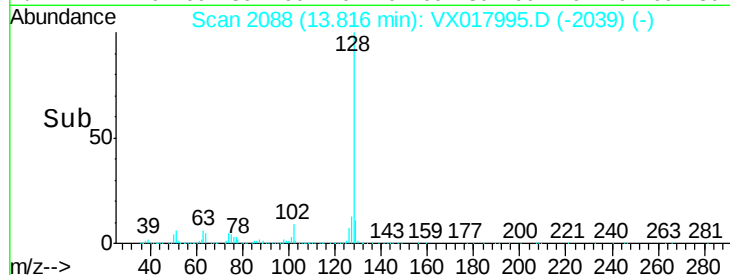
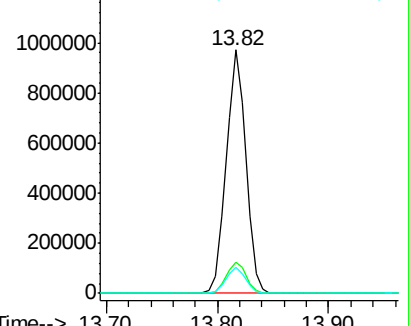
MMDadoda  
8/20/2020 9:17:14 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.917 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

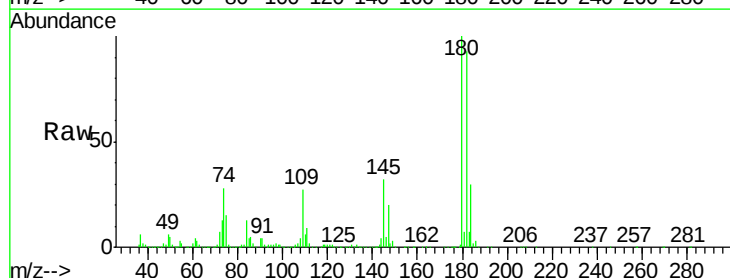
Tgt Ion:180 Resp: 372941

Ion Ratio Lower Upper

180 100

182 96.0 46.6 139.8

145 32.7 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

