

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\  
 Data File : VX017058.D  
 Acq On : 30 Jun 2020 20:12  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 7/1/2020 10:49:45 AM

Quant Time: Jul 01 09:21:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062920W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 29 17:10:38 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 243789   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 384867   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 373535   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 198340   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 150563   | 50.10 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.20% |      |
| 35) Dibromofluoromethane  | 5.47   | 113 | 124613   | 51.19 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.38% |      |
| 50) Toluene-d8            | 8.70   | 98  | 450350   | 50.03 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.06% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 181074   | 51.45 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.90% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 126024  | 53.434  | ug/l | 98     |
| 3) Chloromethane              | 1.31 | 50  | 137916  | 48.309  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.39 | 62  | 134633  | 50.829  | ug/l | 99     |
| 5) Bromomethane               | 1.62 | 94  | 77679   | 55.508  | ug/l | 97     |
| 6) Chloroethane               | 1.71 | 64  | 80305   | 51.334  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 210044  | 53.618  | ug/l | 99     |
| 8) Diethyl Ether              | 2.17 | 74  | 73724   | 55.889  | ug/l | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 120830  | 51.463  | ug/l | 97     |
| 10) Methyl Iodide             | 2.49 | 142 | 146200  | 48.257  | ug/l | 98     |
| 11) Tert butyl alcohol        | 3.01 | 59  | 152403  | 265.813 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 125751  | 52.137  | ug/l | 98     |
| 13) Acrolein                  | 2.27 | 56  | 82967   | 242.073 | ug/l | 100    |
| 14) Allyl chloride            | 2.71 | 41  | 221850  | 49.770  | ug/l | 99     |
| 15) Acrylonitrile             | 3.12 | 53  | 373399  | 270.912 | ug/l | 99     |
| 16) Acetone                   | 2.42 | 43  | 303582  | 270.018 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.55 | 76  | 358751  | 53.300  | ug/l | 100    |
| 18) Methyl Acetate            | 2.75 | 43  | 160802  | 54.788  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 440483  | 54.414  | ug/l | 99     |
| 20) Methylene Chloride        | 2.84 | 84  | 142562  | 55.372  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 140602  | 52.529  | ug/l | 99     |
| 22) Diisopropyl ether         | 3.82 | 45  | 434918  | 52.717  | ug/l | 96     |
| 23) Vinyl Acetate             | 3.79 | 43  | 1945097 | 274.370 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 248366  | 52.909  | ug/l | 99     |
| 25) 2-Butanone                | 4.64 | 43  | 506136  | 270.173 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 185911  | 44.604  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.57 | 96  | 152390  | 50.247  | ug/l | 99     |
| 28) Bromochloromethane        | 4.98 | 49  | 114336  | 50.053  | ug/l | 96     |
| 29) Tetrahydrofuran           | 5.09 | 42  | 334074  | 269.897 | ug/l | 99     |
| 30) Chloroform                | 5.18 | 83  | 250531  | 52.063  | ug/l | 97     |
| 31) Cyclohexane               | 5.55 | 56  | 208024  | 51.268  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 232298  | 52.417  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 186407  | 51.246  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.79 | 43  | 199255  | 53.990  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 213665  | 53.331  | ug/l | 97     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\  
 Data File : VX017058.D  
 Acq On : 30 Jun 2020 20:12  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 7/1/2020 10:49:45 AM

Quant Time: Jul 01 09:21:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062920W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 29 17:10:38 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 210858   | 52.101  | ug/l   | 98       |
| 40) Benzene                    | 6.11  | 78   | 551863   | 51.636  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.01  | 41   | 110829   | 53.356  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 208489   | 54.007  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.42  | 43   | 327989   | 53.482  | ug/l   | 99       |
| 44) Trichloroethene            | 7.19  | 130  | 160005   | 54.280  | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 143971   | 52.449  | ug/l   | 98       |
| 46) Dibromomethane             | 7.64  | 93   | 100846   | 53.811  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.88  | 83   | 210486   | 54.500  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.74  | 41   | 165374   | 56.759  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 65223    | 988.119 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 1023475  | 279.967 | ug/l   | 99       |
| 52) Toluene                    | 8.76  | 92   | 353944   | 53.044  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 224730   | 52.739  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 237440   | 51.980  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 144951   | 53.169  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 222360   | 57.304  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 240616   | 52.159  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 567240   | 293.722 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 773148   | 289.581 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 176121   | 55.621  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 158033   | 53.928  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.32  | 164  | 148478   | 49.252  | ug/l   | 96       |
| 65) Chlorobenzene              | 10.12 | 112  | 389323   | 50.499  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 154620   | 52.040  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.23 | 91   | 682029   | 52.973  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.34 | 106  | 529278   | 107.064 | ug/l   | 99       |
| 69) o-Xylene                   | 10.68 | 106  | 250252   | 53.213  | ug/l   | 97       |
| 70) Styrene                    | 10.70 | 104  | 445628   | 55.645  | ug/l   | 99       |
| 71) Bromoform                  | 10.84 | 173  | 134116   | 56.923  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 676850   | 52.100  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 296405   | 53.470  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 210207   | 51.439  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 203708m  | 52.230  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 184260   | 51.606  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.34 | 91   | 754790   | 51.377  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 457622   | 51.469  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 577580   | 53.598  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.05 | 75   | 75309    | 50.003  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 549184   | 51.669  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 563205   | 53.241  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 588496   | 53.831  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 644977   | 51.870  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 617967   | 53.385  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 319817   | 49.318  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 318895   | 52.154  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.37 | 91   | 514462   | 49.774  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.58 | 117  | 117570   | 51.504  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 305063   | 50.327  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 49245    | 50.514  | ug/l   | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\  
Data File : VX017058.D  
Acq On : 30 Jun 2020 20:12  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

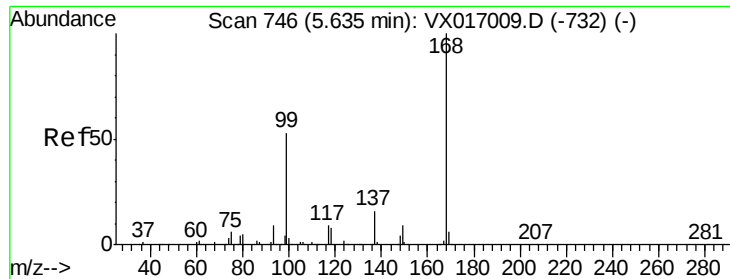
MMDadoda  
7/1/2020 10:49:45 AM

Quant Time: Jul 01 09:21:52 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062920W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 29 17:10:38 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 207244   | 50.091 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 75035    | 47.824 | ug/l  | 100      |
| 95) Naphthalene            | 13.82 | 128  | 686766   | 54.600 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 207254   | 51.762 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 243789

Ion Ratio Lower Upper

168 100

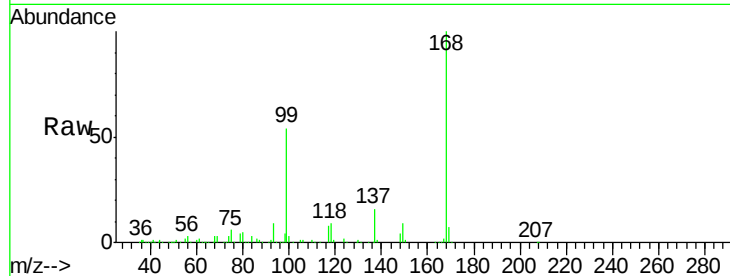
99 54.0 42.6 64.0

Manual Integrations

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7/1/2020 10:49:45 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

40000

20000

0

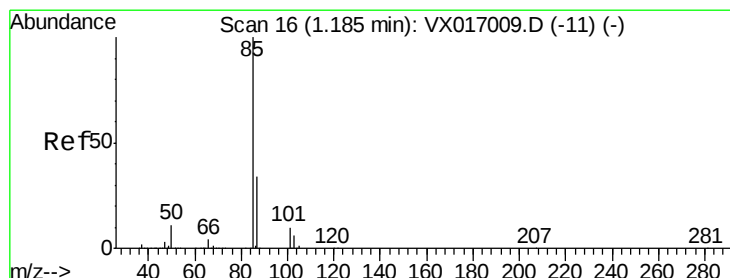
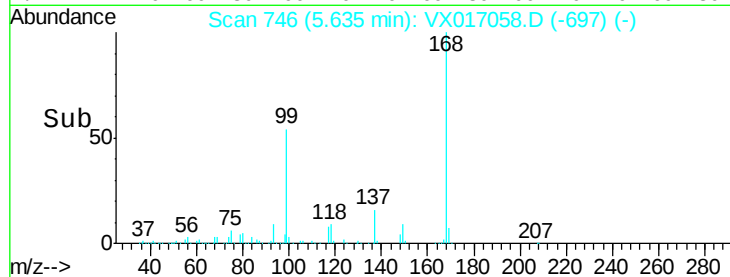
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.434 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017058.D

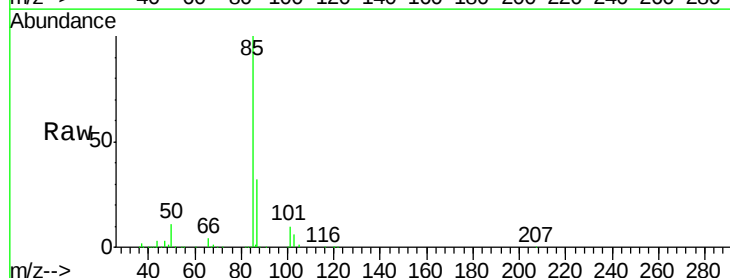
Acq: 30 Jun 2020 20:12

Tgt Ion: 85 Resp: 126024

Ion Ratio Lower Upper

85 100

87 32.5 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

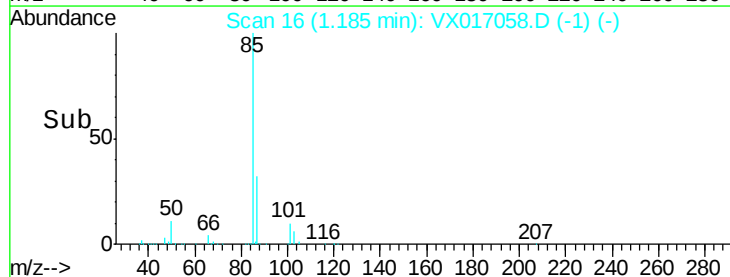
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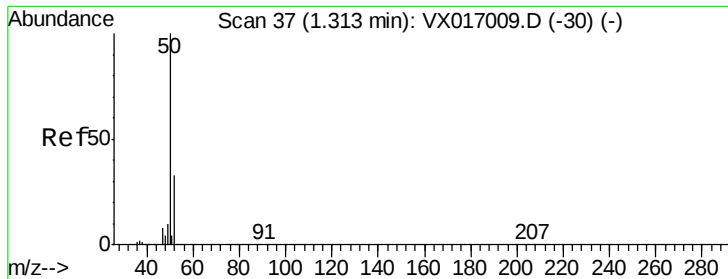
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 48.309 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 137916

Ion Ratio Lower Upper

50 100

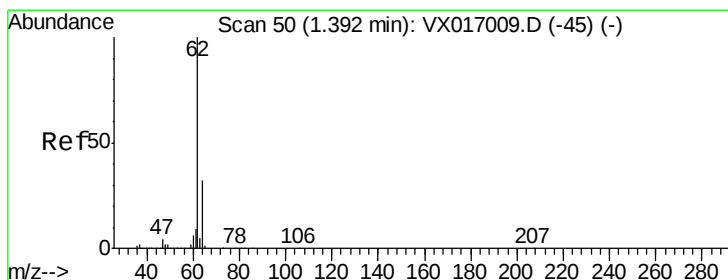
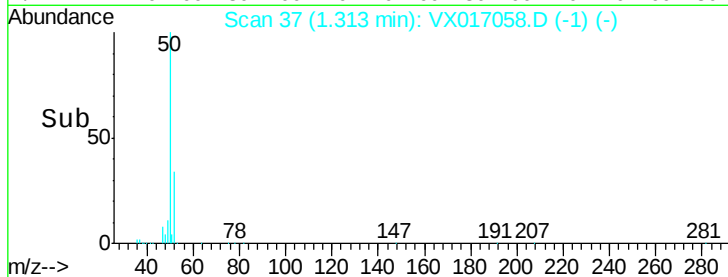
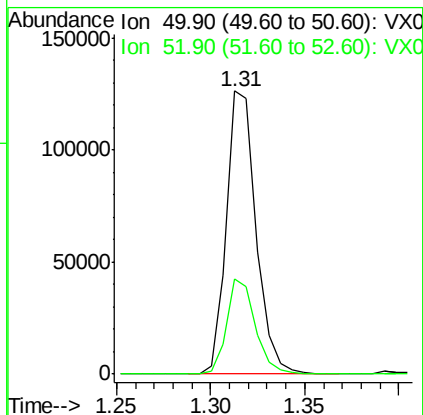
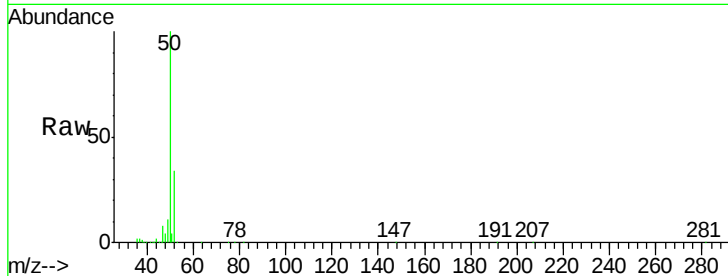
52 33.6 26.1 39.1

Manual Integrations

APPROVED

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7/1/2020 10:49:45 AM



#4

Vinyl Chloride

Concen: 50.829 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017058.D

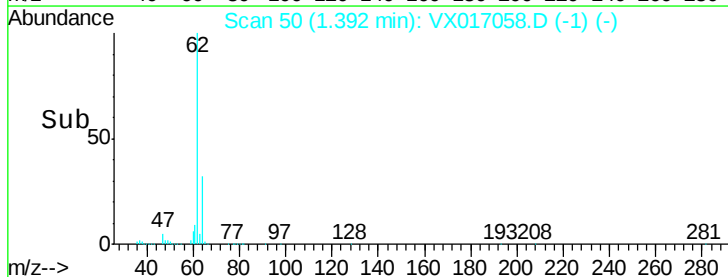
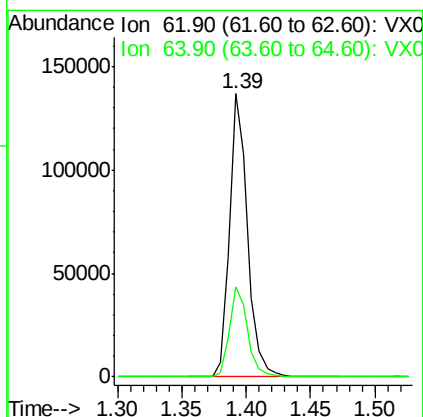
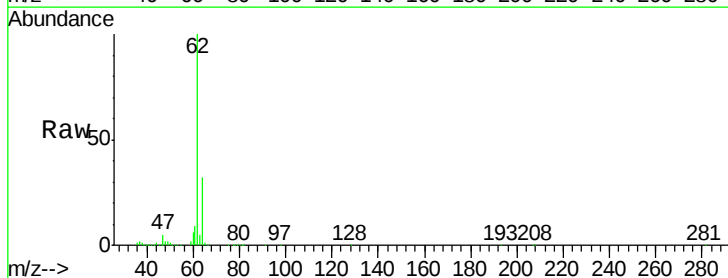
Acq: 30 Jun 2020 20:12

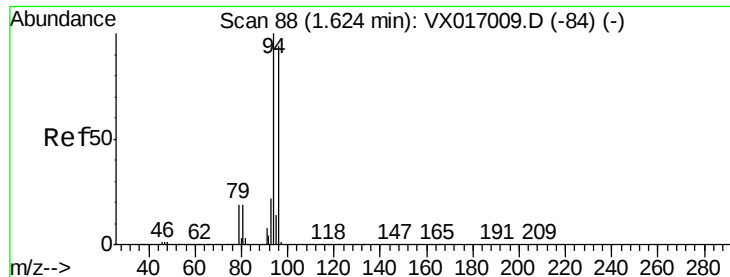
Tgt Ion: 62 Resp: 134633

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9





#5

Bromomethane

Concen: 55.508 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 77679

Ion Ratio Lower Upper

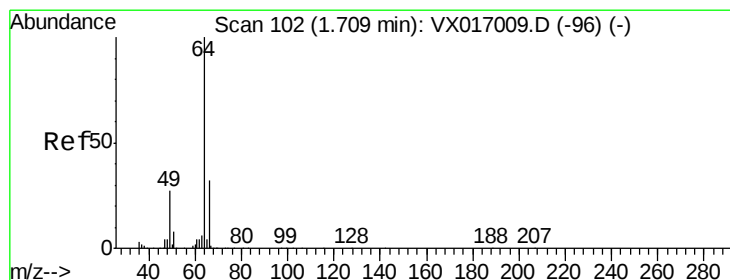
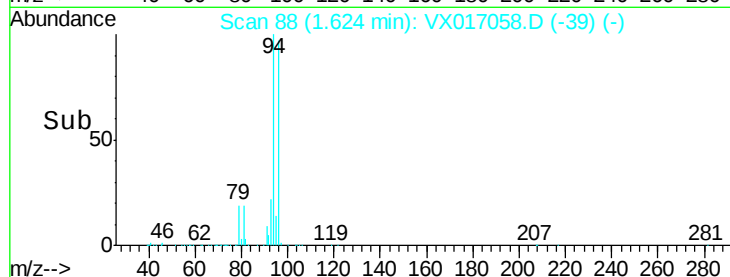
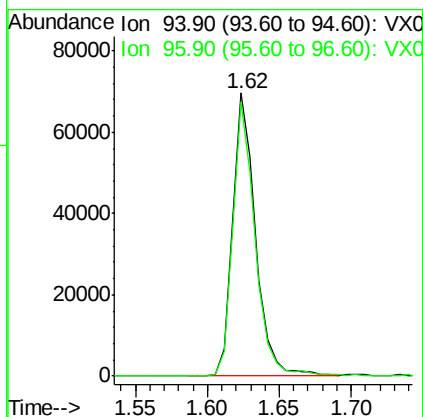
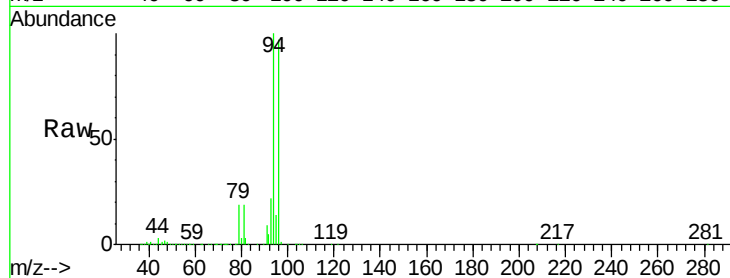
94 100

96 96.9 75.0 112.4

Manual Integrations  
APPROVED

MMDadoda

7/1/2020 10:49:45 AM



#6

Chloroethane

Concen: 51.334 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017058.D

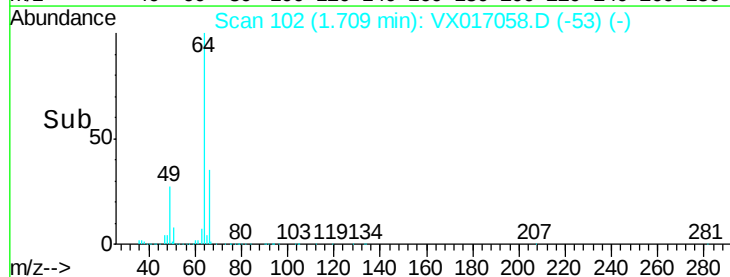
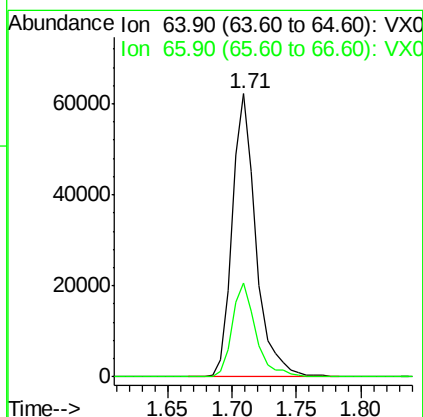
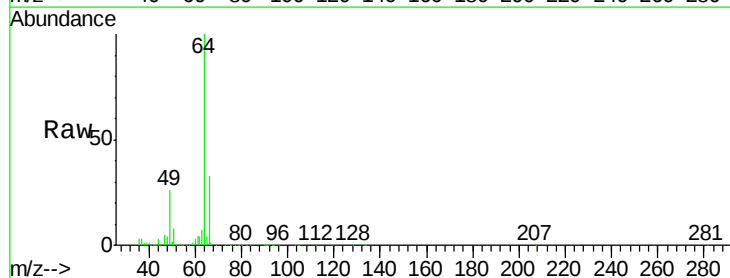
Acq: 30 Jun 2020 20:12

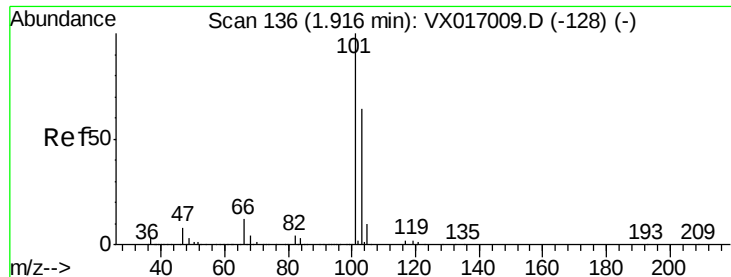
Tgt Ion: 64 Resp: 80305

Ion Ratio Lower Upper

64 100

66 33.1 25.5 38.3





#7

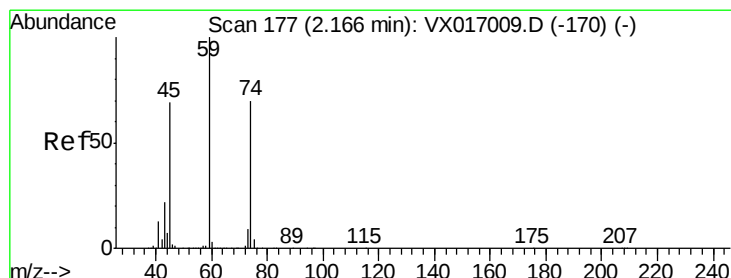
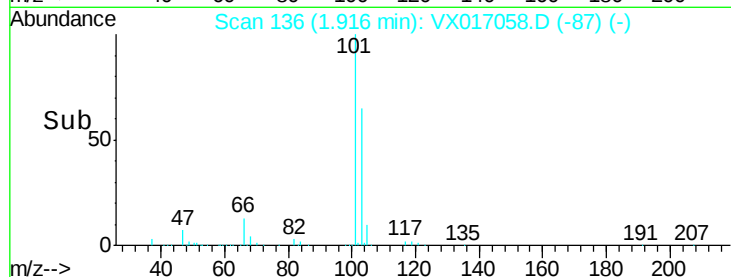
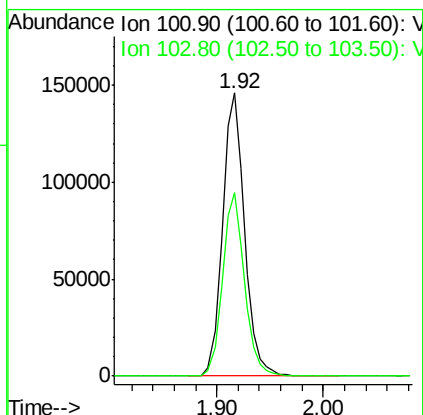
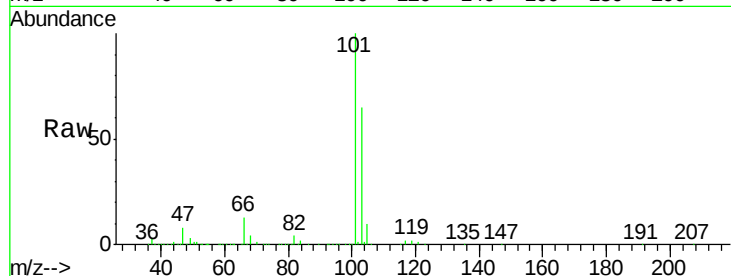
Trichlorofluoromethane  
Concen: 53.618 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.8  | 51.5  | 77.3  |

Manual Integrations  
APPROVED

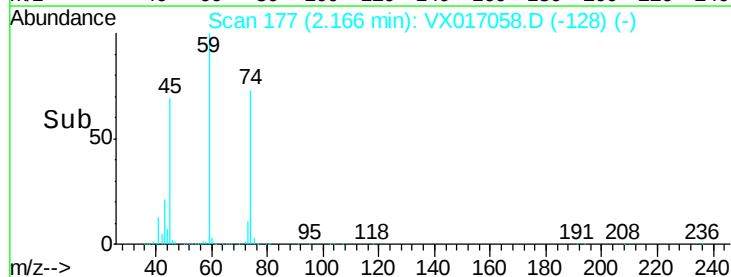
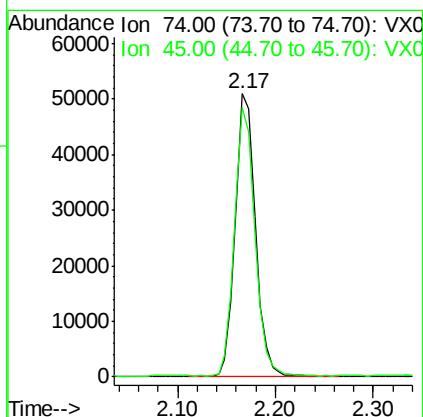
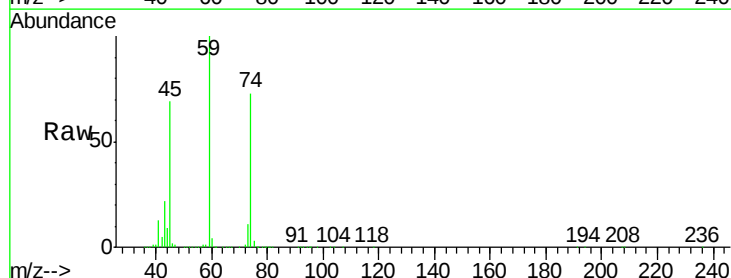
MMDadoda  
7/1/2020 10:49:45 AM

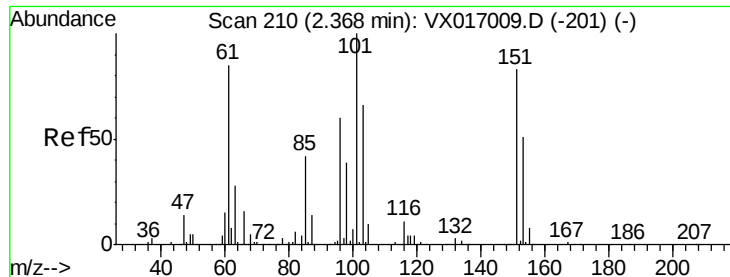


#8

Diethyl Ether  
Concen: 55.889 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. 0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 95.7  | 49.8  | 149.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.463 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

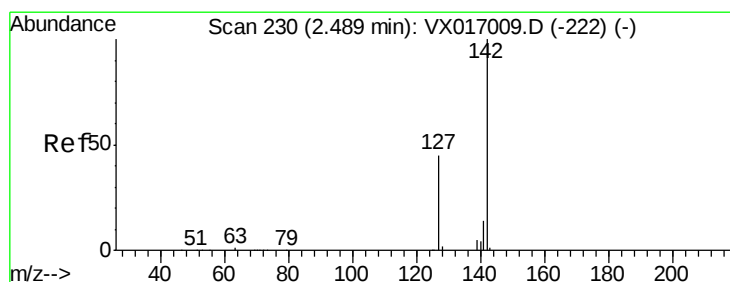
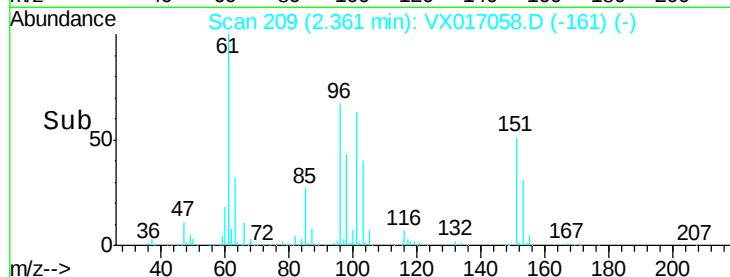
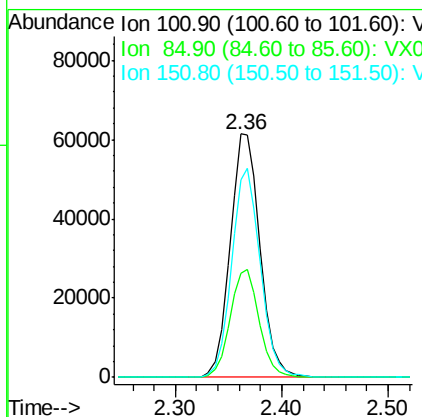
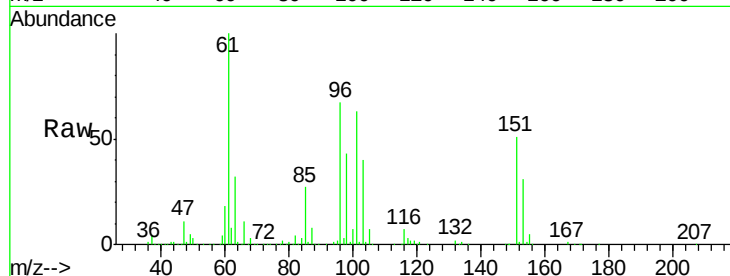
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 120830 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.1  | 33.5  | 50.3   |
| 151       | 82.6  | 63.8  | 95.6   |

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7/1/2020 10:49:45 AM



#10

Methyl Iodide

Concen: 48.257 ug/l

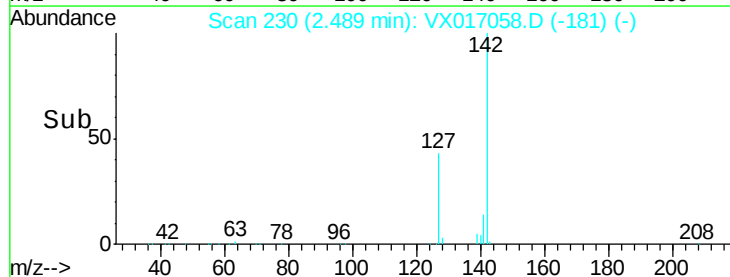
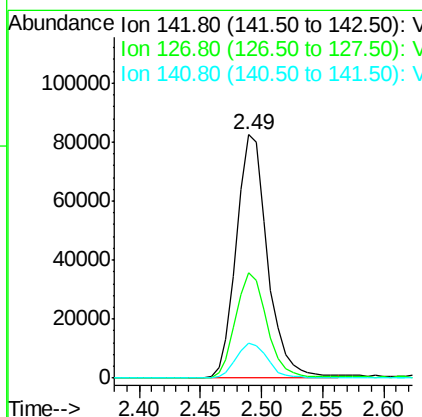
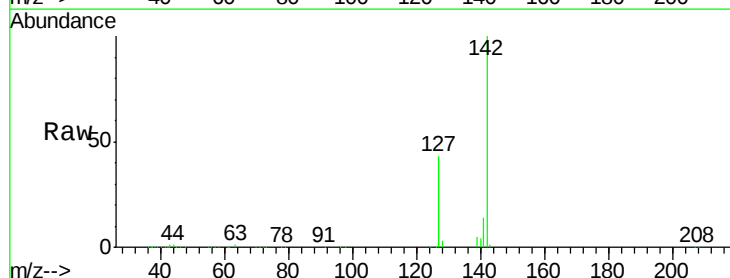
RT: 2.49 min Scan# 230

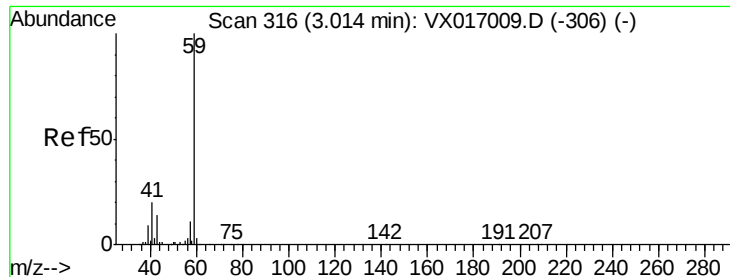
Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 146200 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 44.0  | 36.6  | 54.8   |
| 141       | 14.9  | 11.6  | 17.4   |





#11

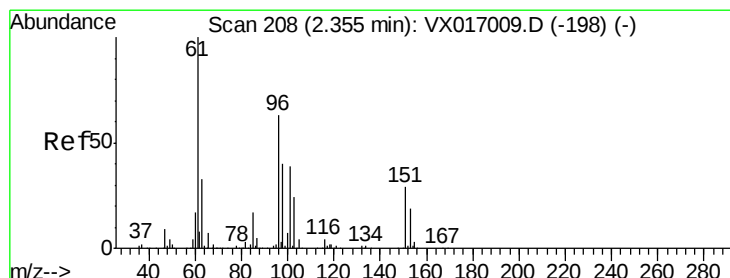
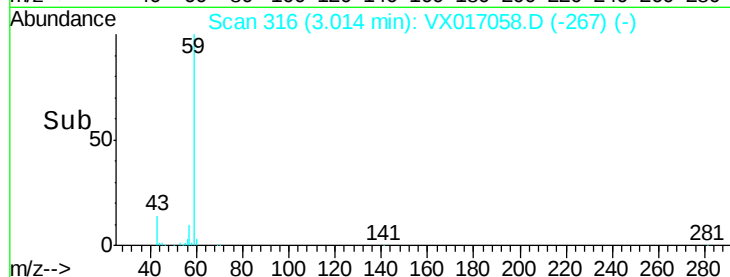
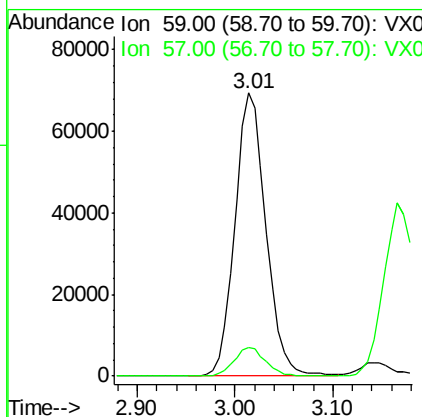
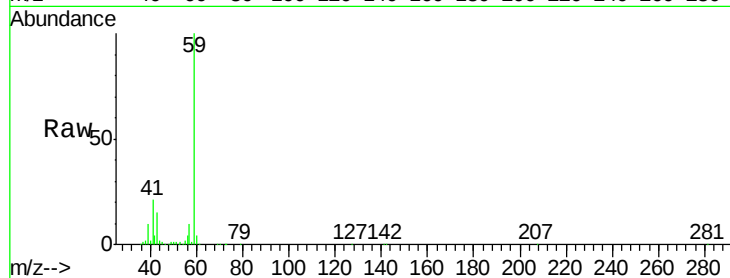
Tert butyl alcohol  
Concen: 265.813 ug/l  
RT: 3.01 min Scan# 316  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.4  | 8.2   | 12.2  |

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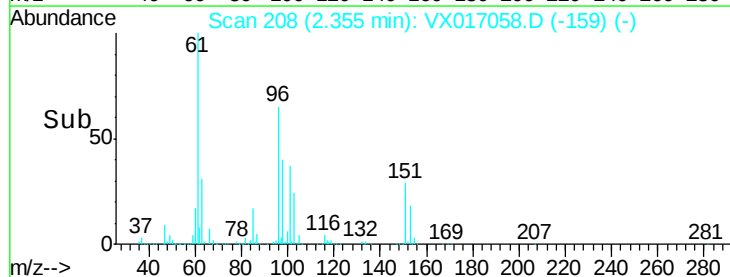
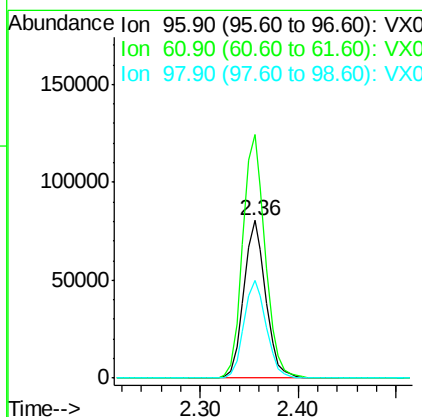
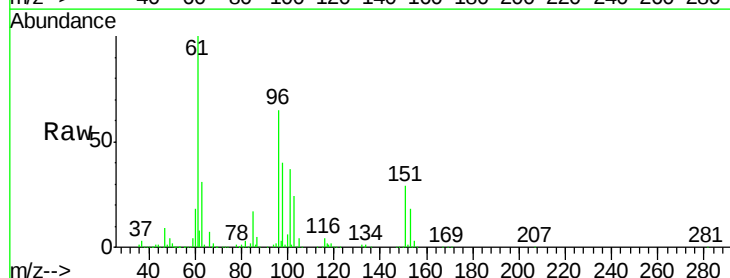
MMDadoda  
7/1/2020 10:49:45 AM

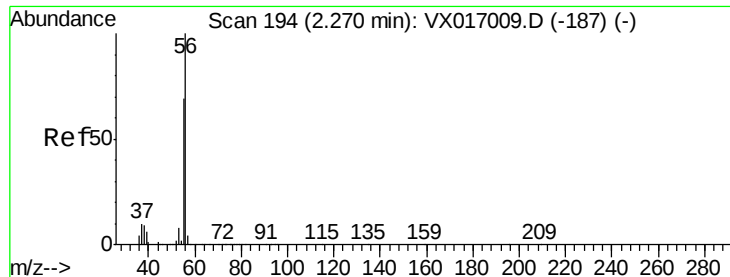


#12

1,1-Dichloroethene  
Concen: 52.137 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 154.5 | 126.3 | 189.5 |
| 98      | 62.4  | 51.0  | 76.6  |





#13

Acrolein

Concen: 242.073 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 82967

Ion Ratio Lower Upper

56 100

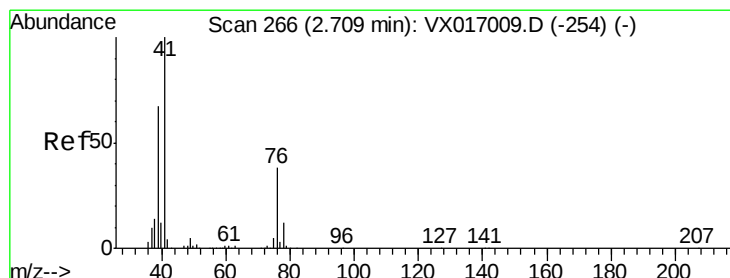
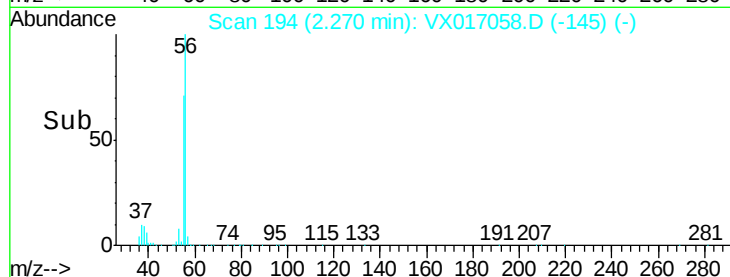
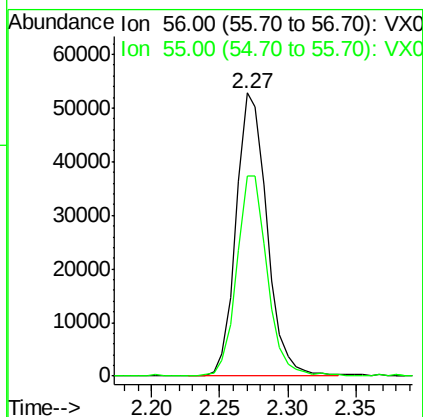
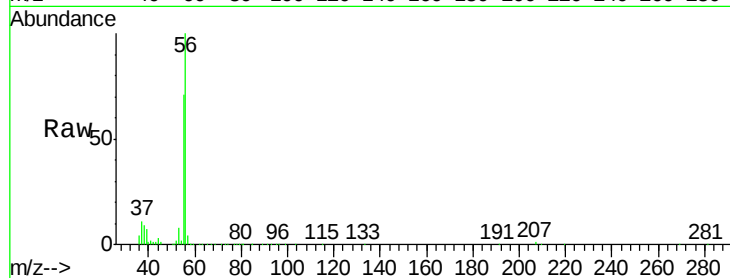
55 69.9 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 49.770 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

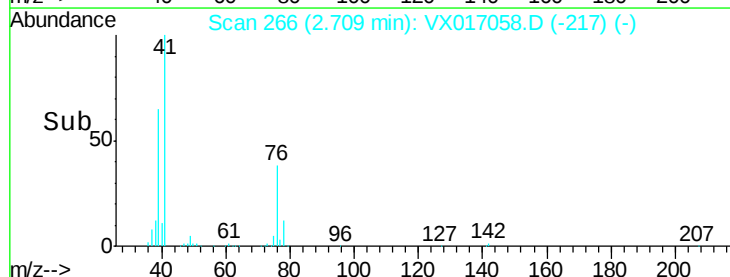
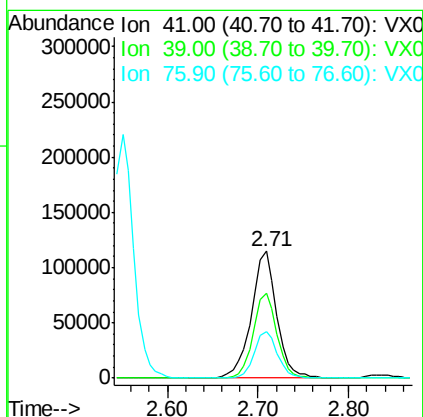
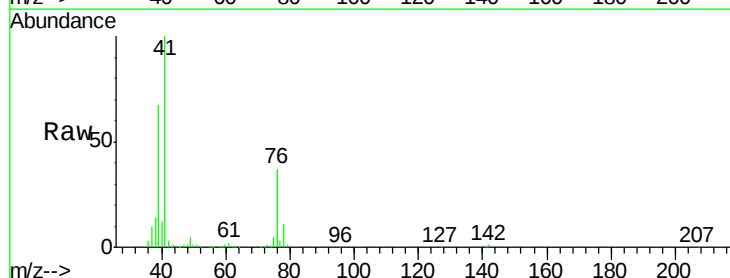
Tgt Ion: 41 Resp: 221850

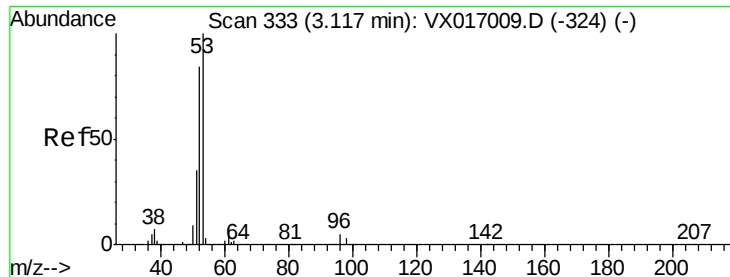
Ion Ratio Lower Upper

41 100

39 63.1 49.4 74.2

76 33.6 26.8 40.2





#15

Acrylonitrile

Concen: 270.912 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

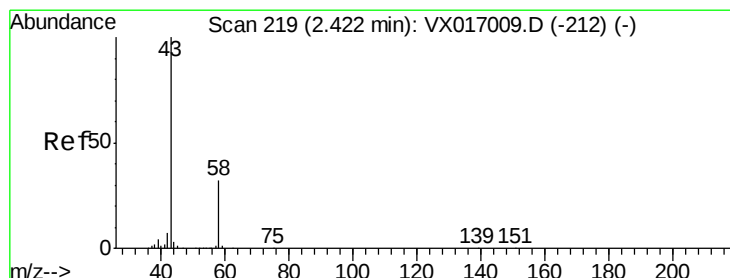
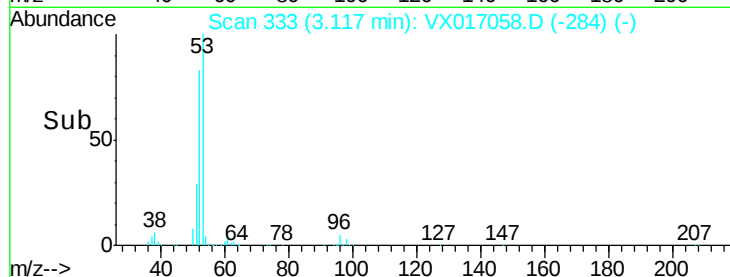
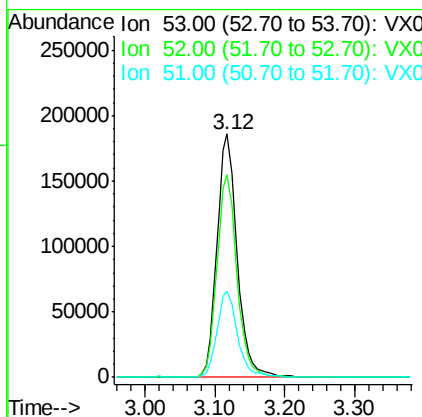
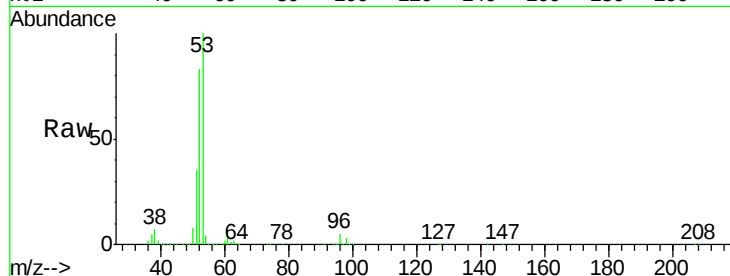
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 373399 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.3  | 65.6  | 98.4   |
| 51       | 36.2  | 28.3  | 42.5   |

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#16

Acetone

Concen: 270.018 ug/l

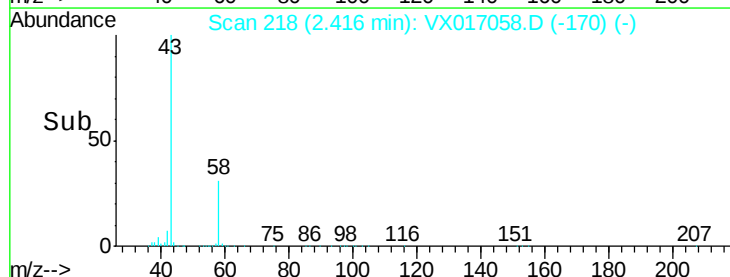
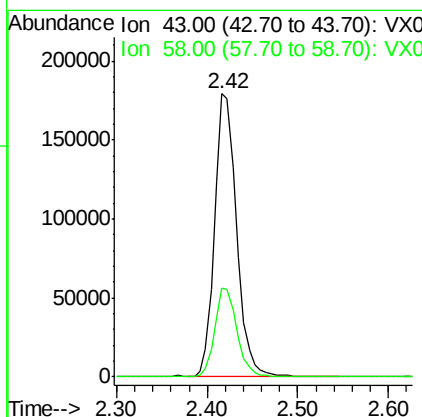
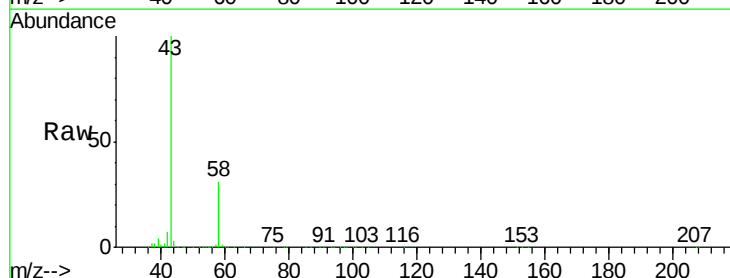
RT: 2.42 min Scan# 218

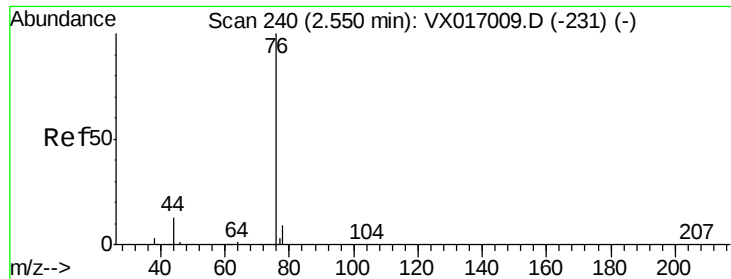
Delta R.T. -0.01 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 303582 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 31.3  | 25.7  | 38.5   |





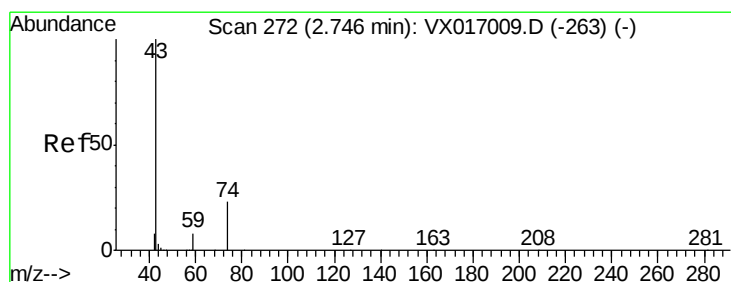
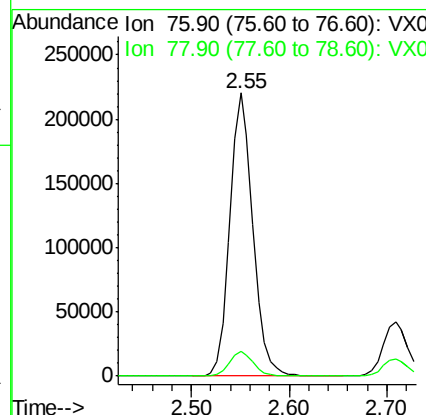
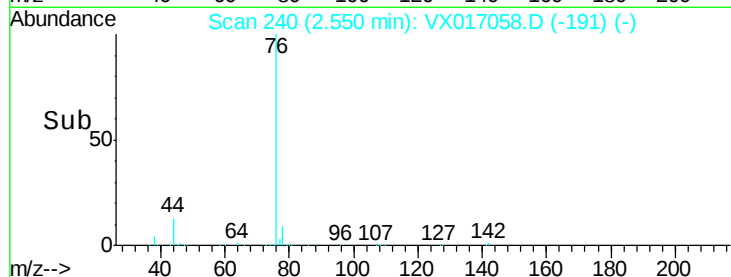
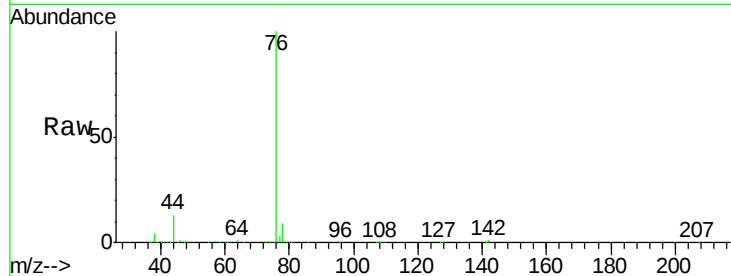
#17  
Carbon Disulfide  
Concen: 53.300 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. 0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.9   | 7.2   | 10.8  |

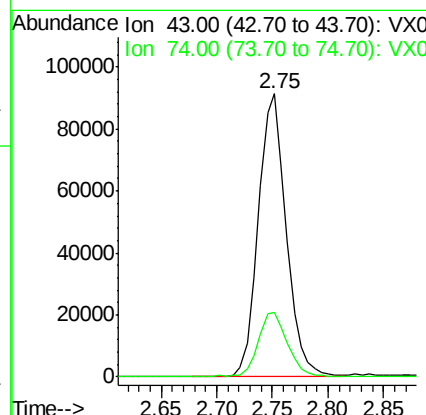
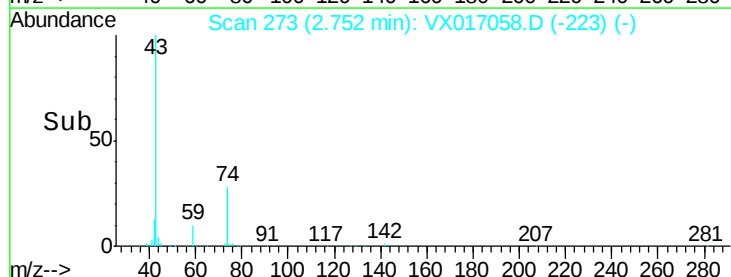
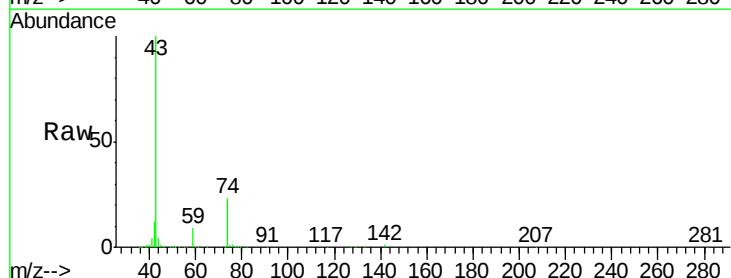
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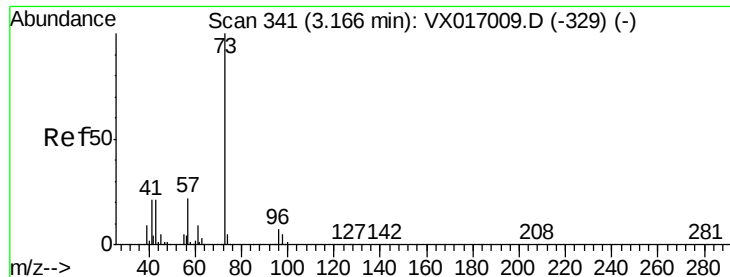
MMDadoda  
7/1/2020 10:49:45 AM



#18  
Methyl Acetate  
Concen: 54.788 ug/l  
RT: 2.75 min Scan# 273  
Delta R.T. 0.01 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.1  | 19.3  | 28.9  |





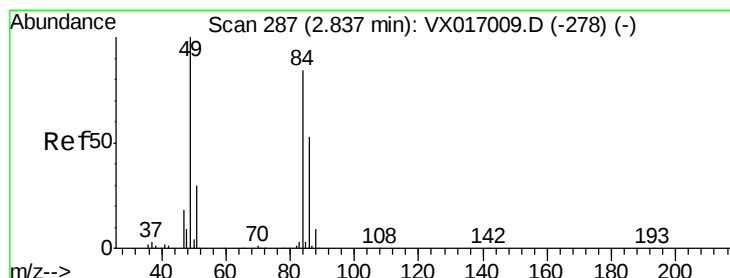
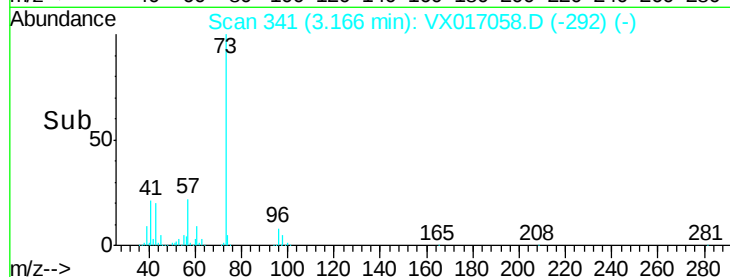
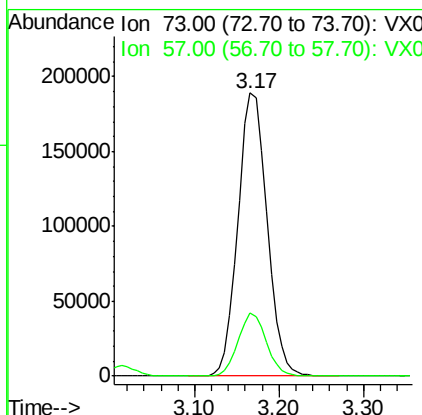
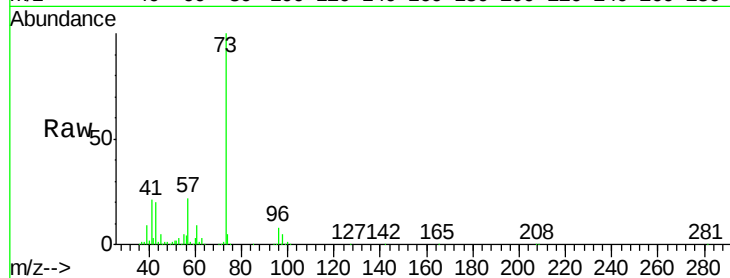
#19  
Methvl tert-butvl Ether  
Concen: 54.414 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 440483  
Ion Ratio Lower Upper  
73 100  
57 22.5 17.6 26.4

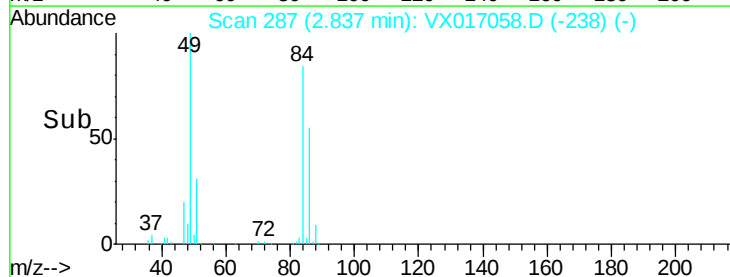
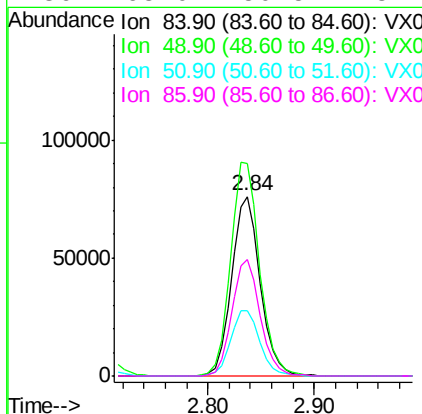
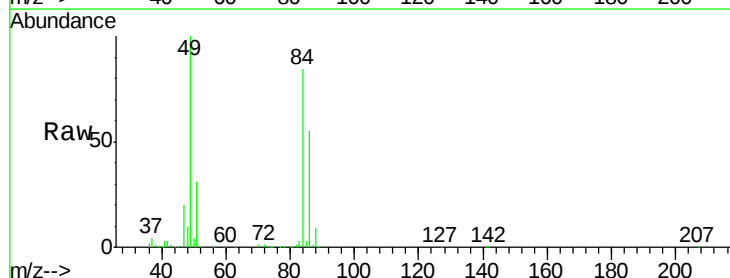
Manual Integrations  
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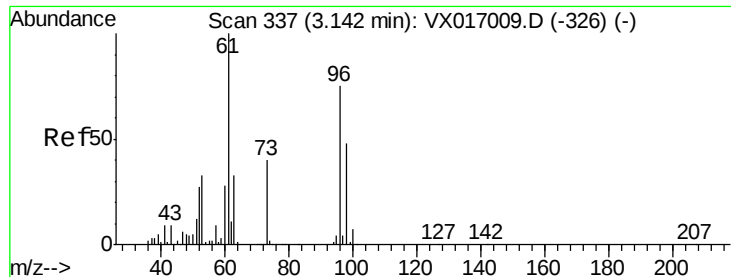
MMDadoda  
7/1/2020 10:49:45 AM



#20  
Methylene Chloride  
Concen: 55.372 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Tgt Ion: 84 Resp: 142562  
Ion Ratio Lower Upper  
84 100  
49 118.6 94.7 142.1  
51 36.2 28.6 42.8  
86 65.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 52.529 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 140602

Ion Ratio Lower Upper

96 100

61 133.5 107.0 160.6

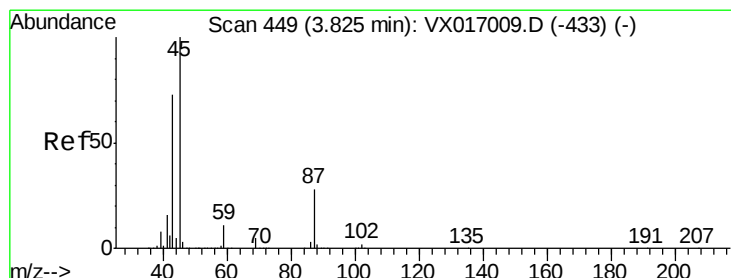
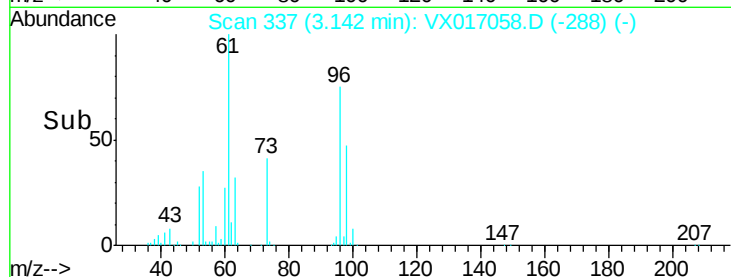
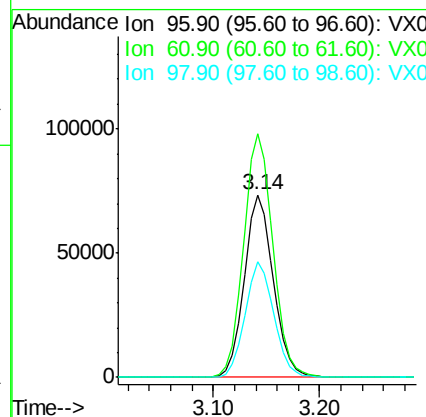
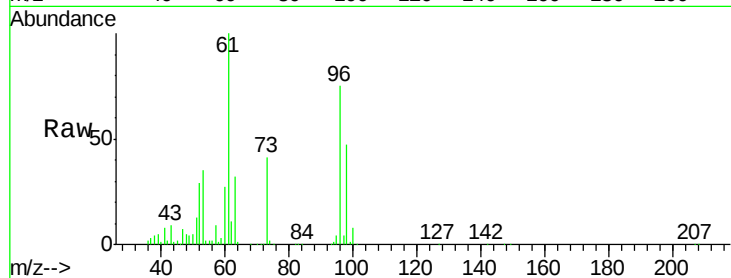
98 63.4 51.6 77.4

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#22

Diisopropyl ether

Concen: 52.717 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Tgt Ion: 45 Resp: 434918

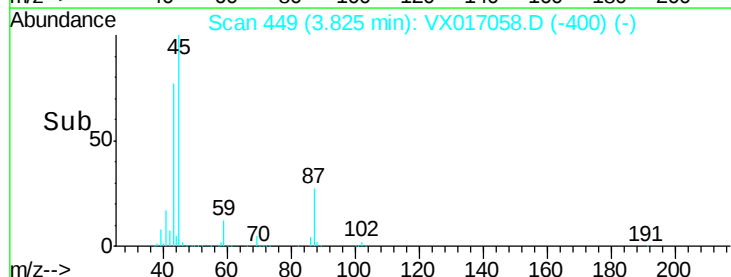
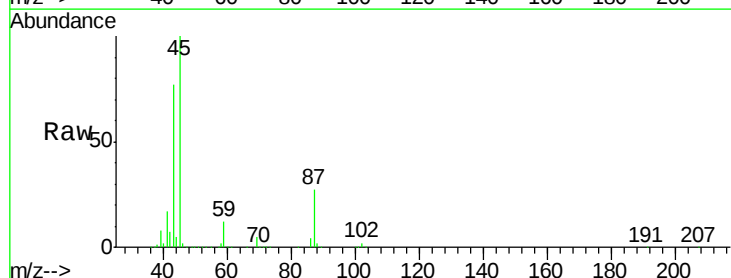
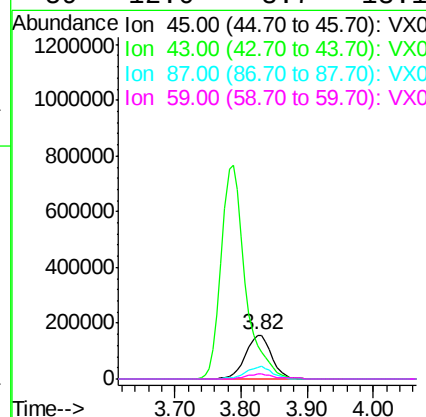
Ion Ratio Lower Upper

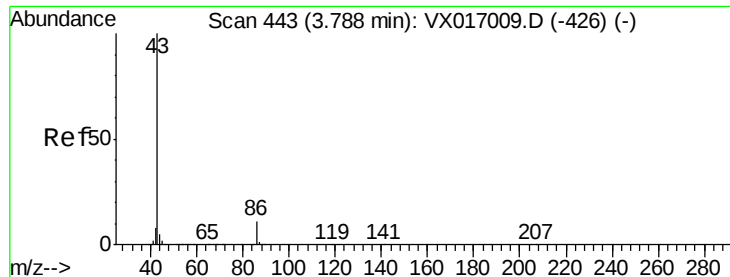
45 100

43 77.0 58.6 88.0

87 27.2 22.6 34.0

59 12.0 8.7 13.1





#23

Vinyl Acetate

Concen: 274.370 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1945097

Ion Ratio Lower Upper

43 100

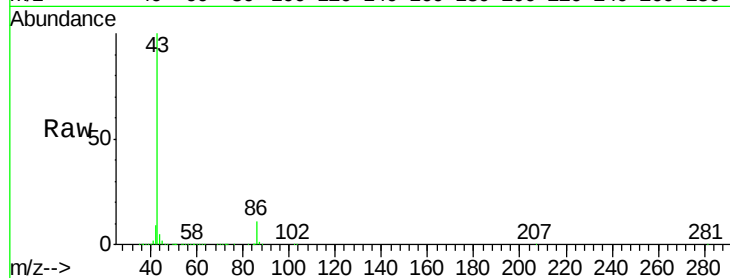
86 11.0 8.6 13.0

Manual Integrations

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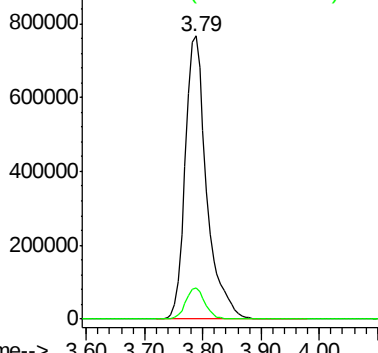
MMDadoda

7/1/2020 10:49:45 AM

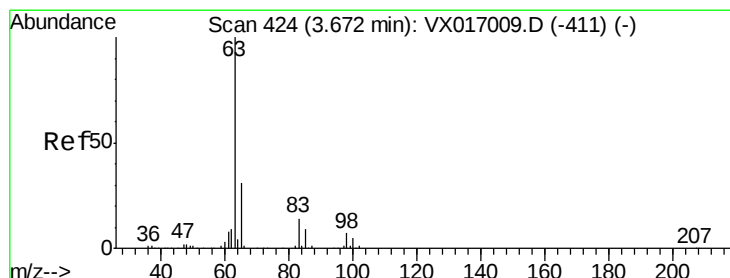
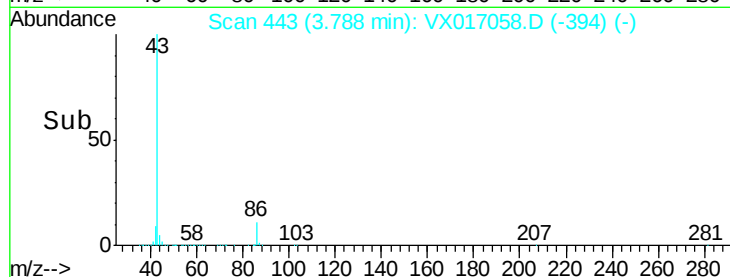


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 52.909 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

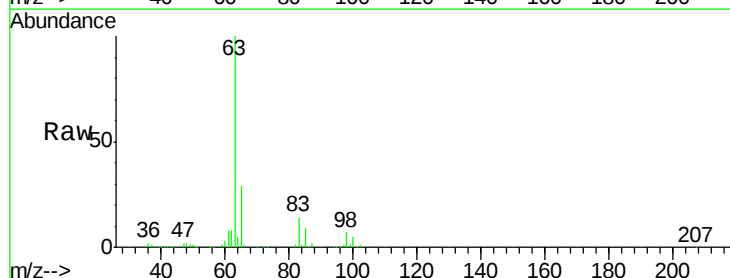
Tgt Ion: 63 Resp: 248366

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

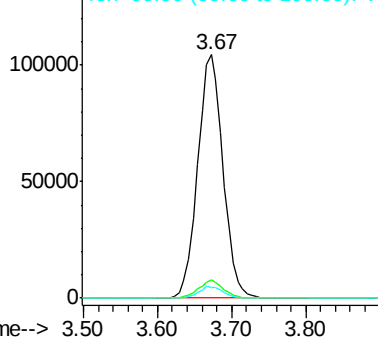
100 4.5 2.4 7.1



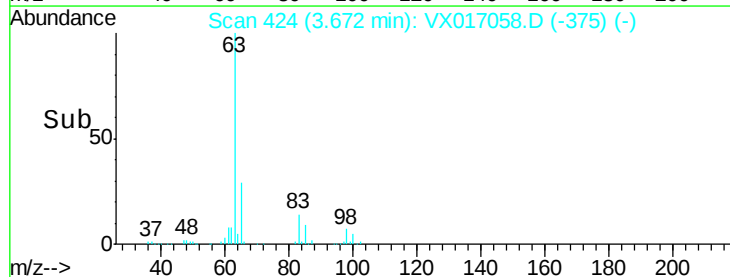
Abundance Ion 62.90 (62.60 to 63.60): VX0

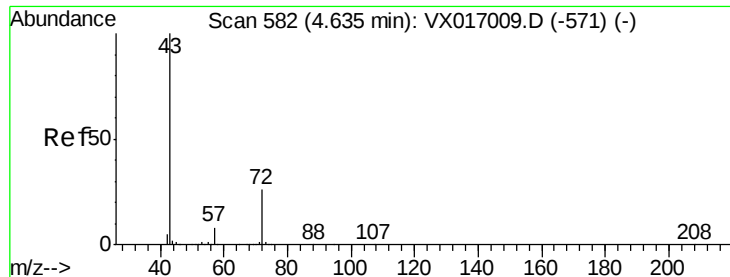
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time--> 3.50 3.60 3.70 3.80





#25

2-Butanone

Concen: 270.173 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 506136

Ion Ratio Lower Upper

43 100

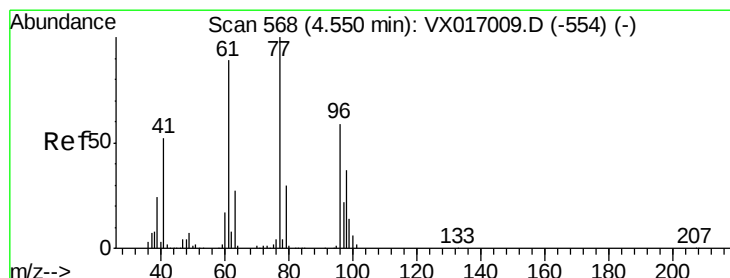
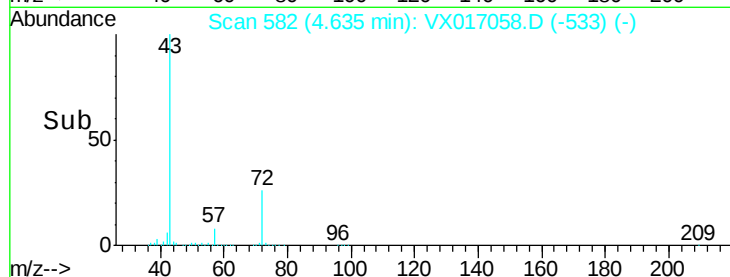
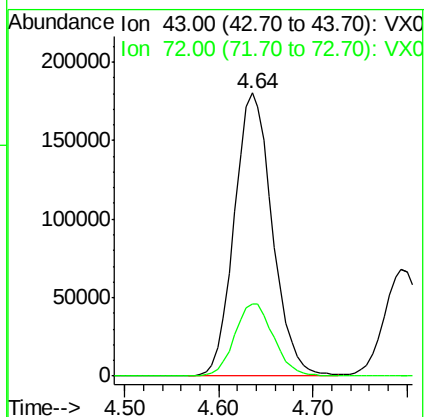
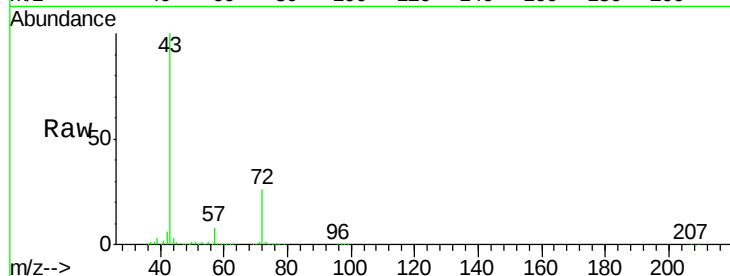
72 25.5 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.604 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017058.D

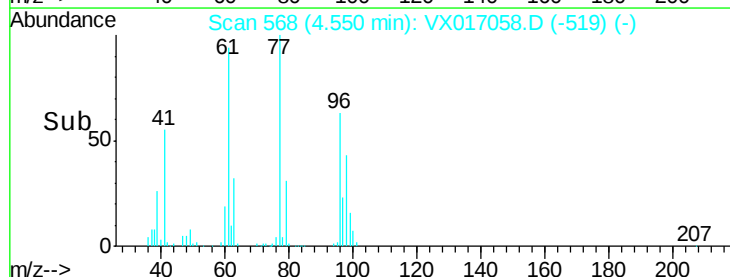
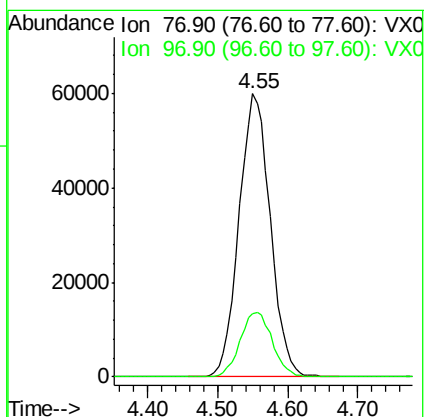
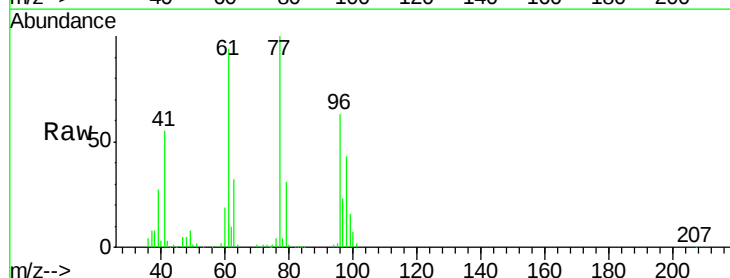
Acq: 30 Jun 2020 20:12

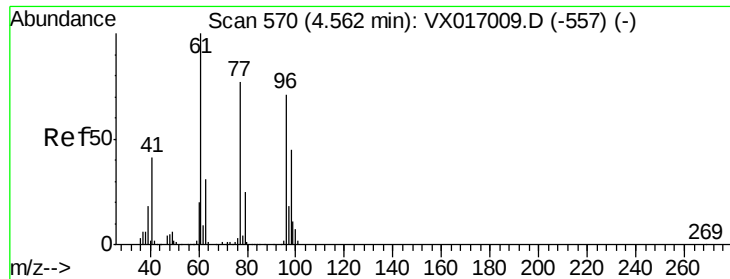
Tgt Ion: 77 Resp: 185911

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.2





#27

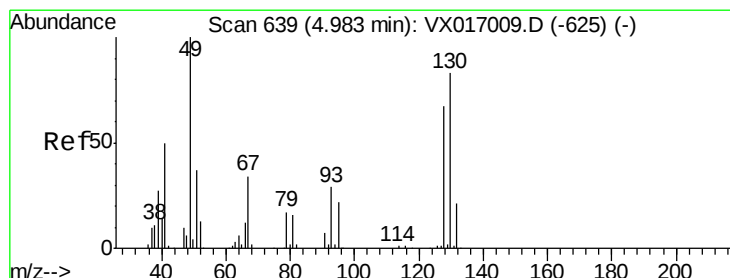
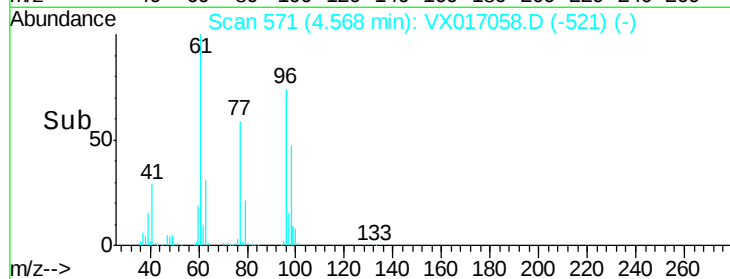
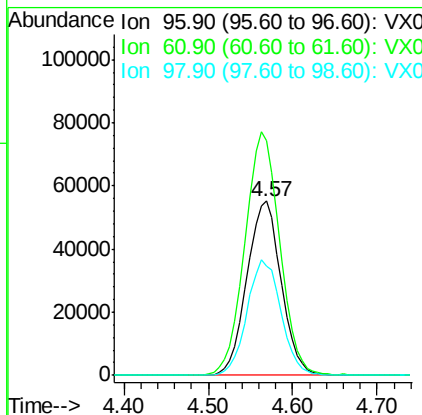
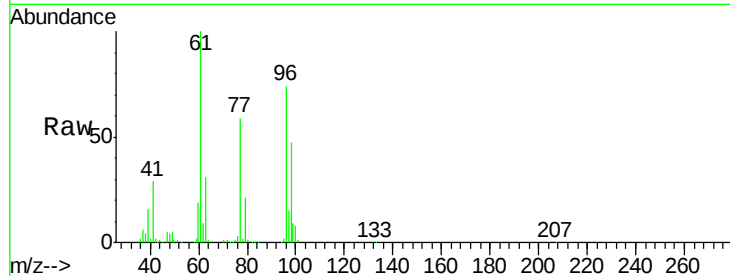
cis-1,2-Dichloroethene  
Concen: 50.247 ug/l  
RT: 4.57 min Scan# 571  
Delta R.T. 0.01 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 152390 |       |       |
| 61      | 142.4 | 0.0    | 282.8 |       |
| 98      | 65.8  | 0.0    | 127.6 |       |

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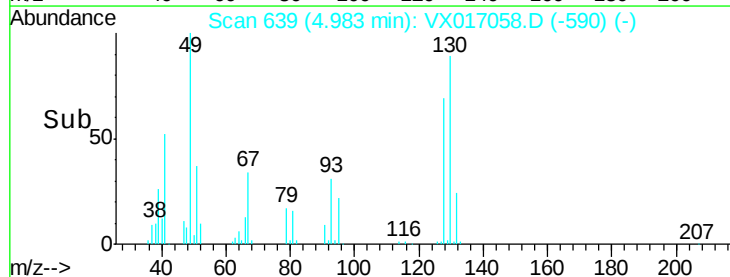
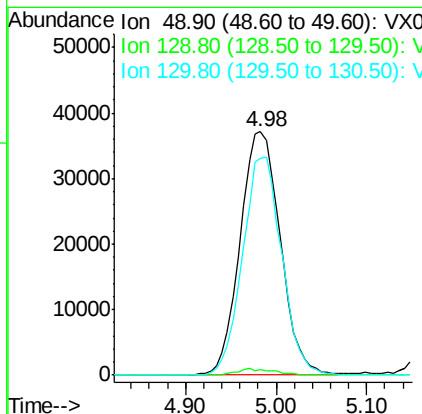
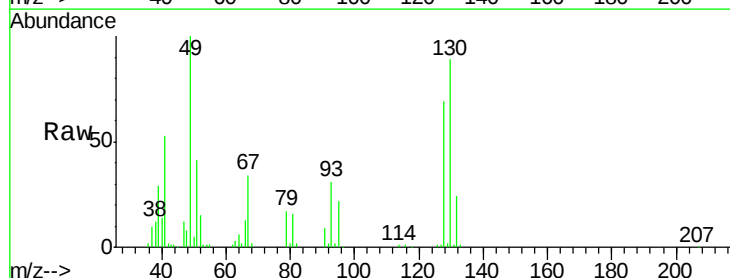
MMDadoda  
7/1/2020 10:49:45 AM

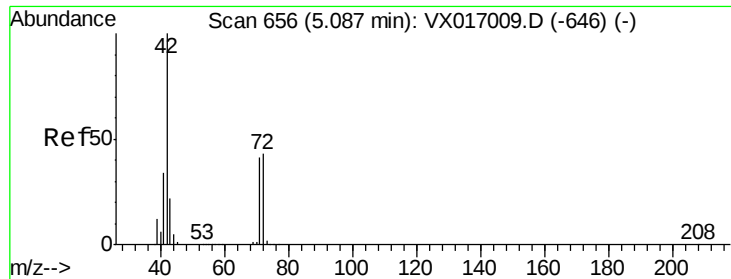


#28

Bromochloromethane  
Concen: 50.053 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 114336 |       |       |
| 129     | 2.2   | 0.0    | 4.2   |       |
| 130     | 87.3  | 66.6   | 100.0 |       |





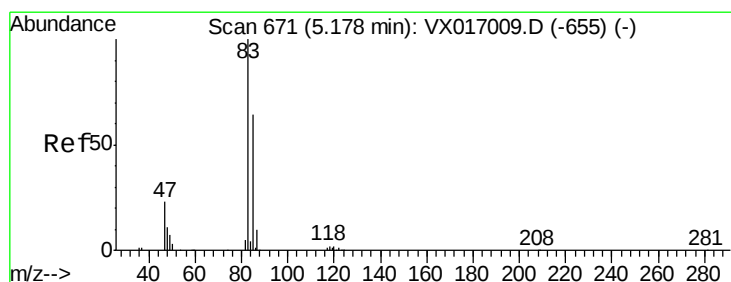
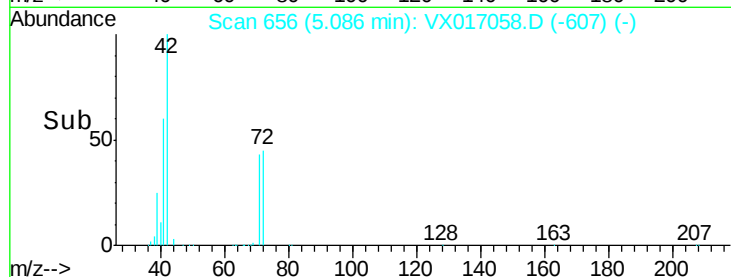
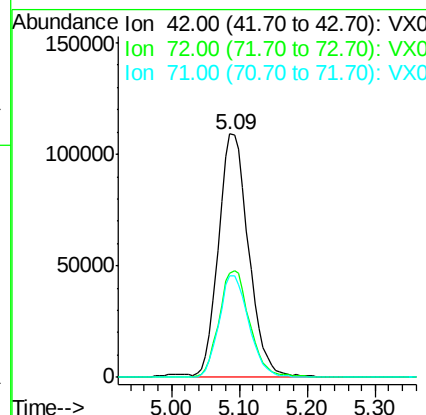
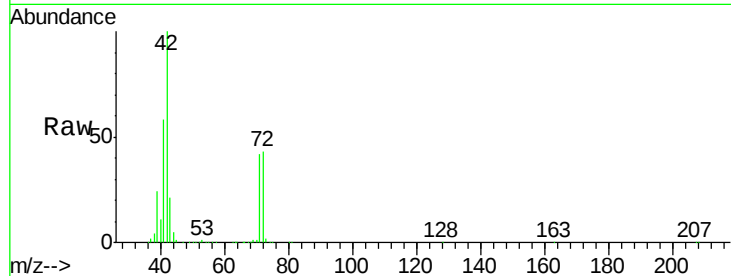
#29  
Tetrahydrofuran  
Concen: 269.897 ug/l  
RT: 5.09 min Scan# 656  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.9  | 35.3  | 52.9  |
| 71      | 41.8  | 33.1  | 49.7  |

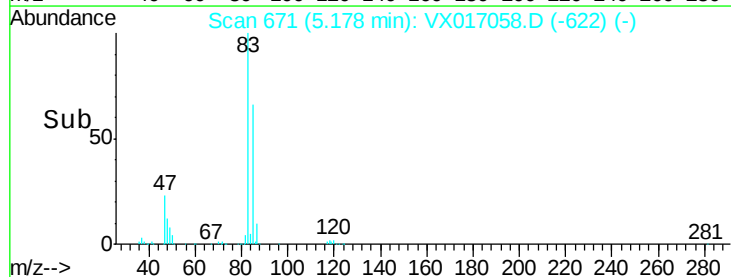
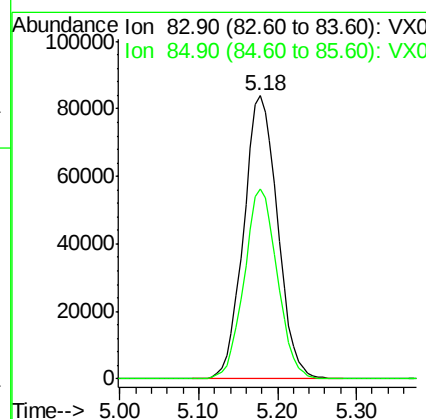
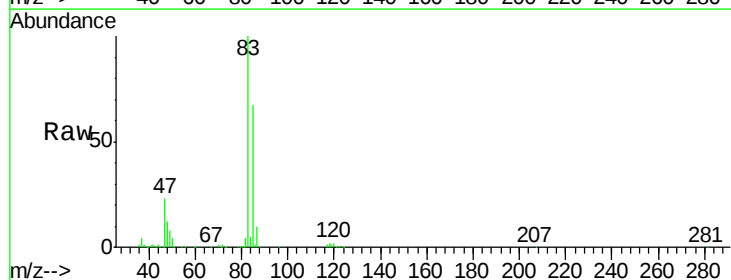
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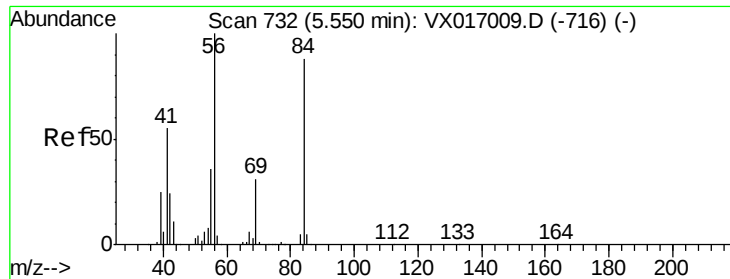
MMDadoda  
7/1/2020 10:49:45 AM



#30  
Chloroform  
Concen: 52.063 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.9  | 51.4  | 77.2  |





#31

Cyclohexane

Concen: 51.268 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

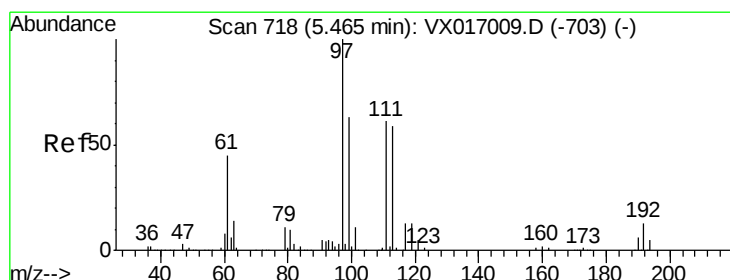
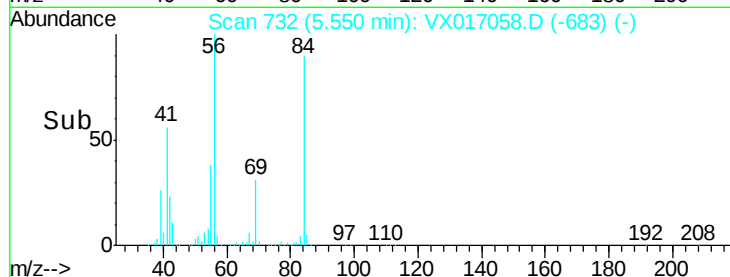
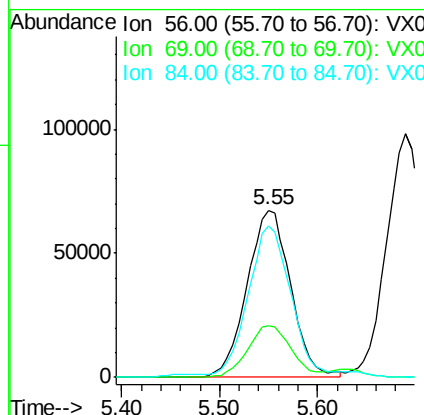
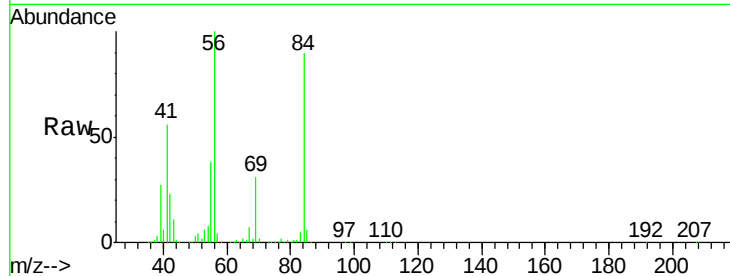
ClientSampled :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 56    | Resp: | 208024 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 31.1  | 25.0  | 37.4   |
| 84        | 88.0  | 69.1  | 103.7  |

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#32

1,1,1-Trichloroethane

Concen: 52.417 ug/l

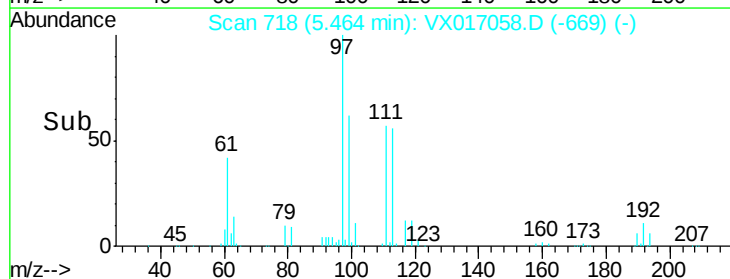
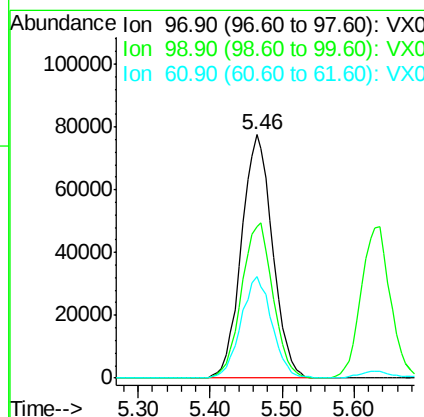
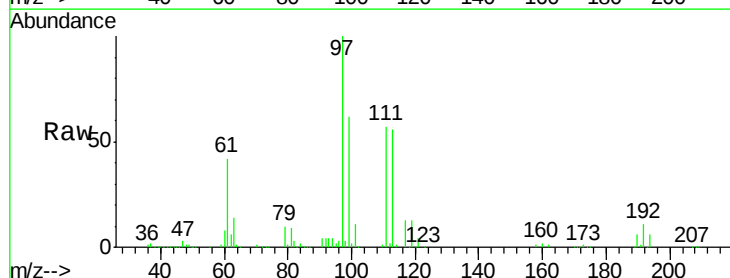
RT: 5.46 min Scan# 718

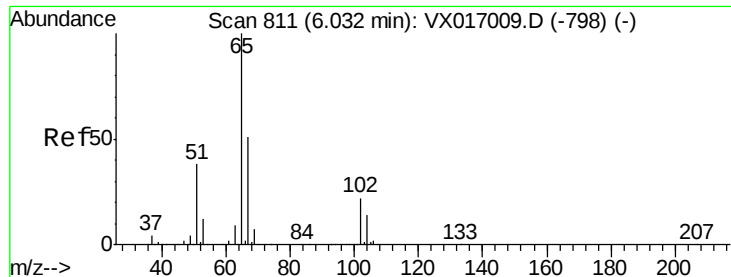
Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 232298 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 64.3  | 50.8  | 76.2   |
| 61        | 41.6  | 33.7  | 50.5   |





#33

1,2-Dichloroethane-d4

Concen: 50.097 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 150563

Ion Ratio Lower Upper

65 100

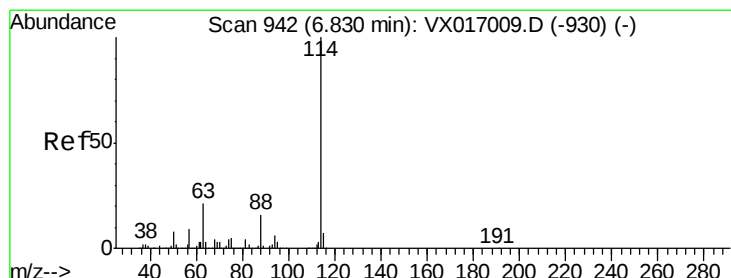
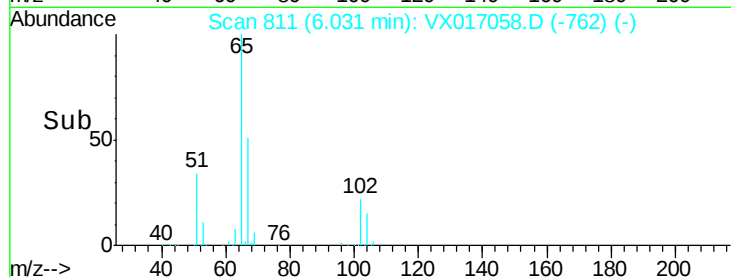
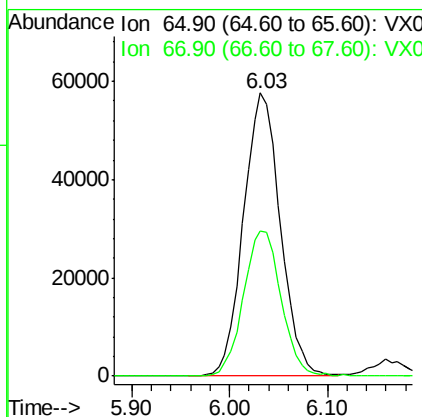
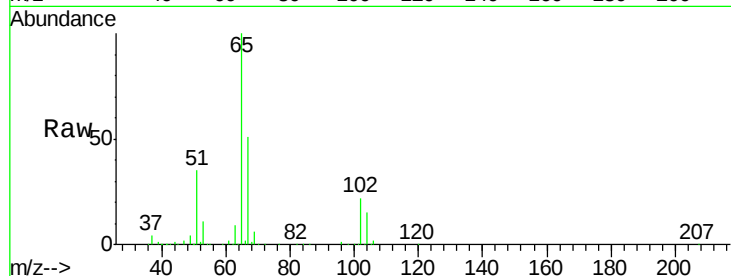
67 52.3 0.0 103.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

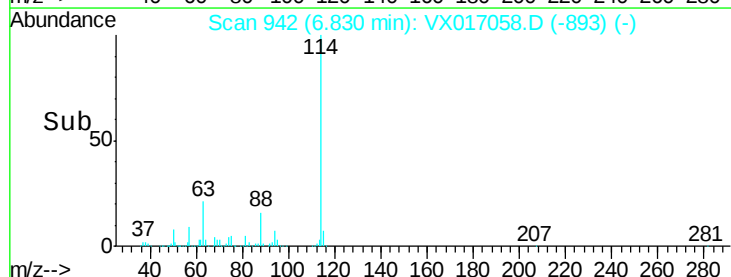
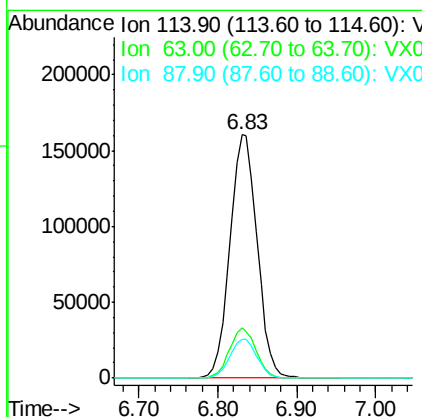
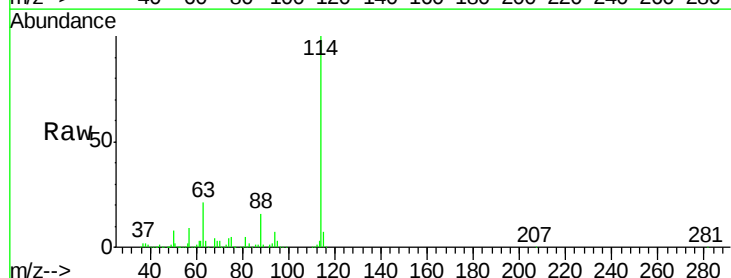
Tgt Ion: 114 Resp: 384867

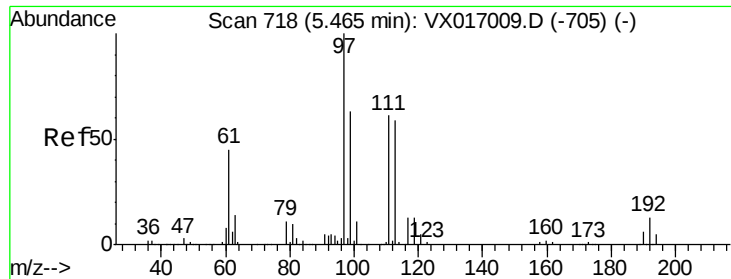
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

88 15.9 0.0 32.4





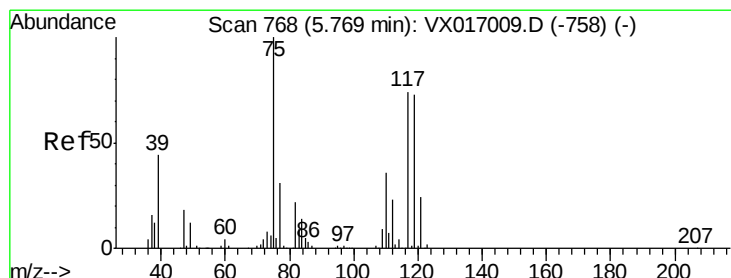
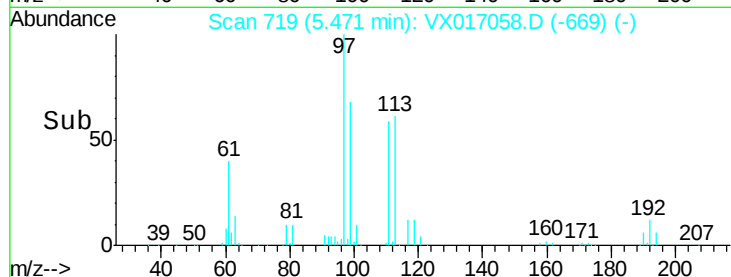
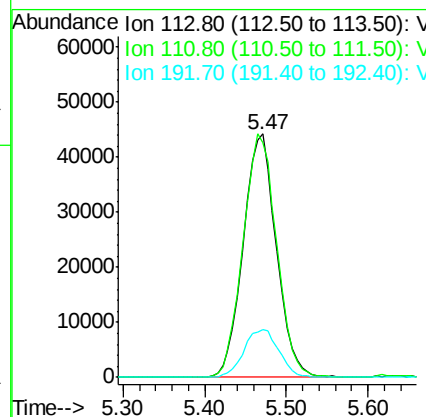
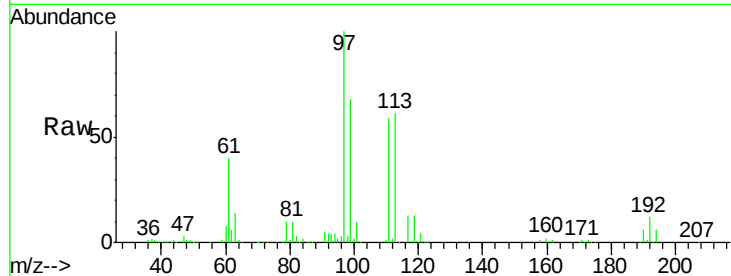
#35  
Dibromofluoromethane  
Concen: 51.185 ug/l  
RT: 5.47 min Scan# 719  
Delta R.T. 0.01 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 124613 |       |       |
| 111     | 101.6 | 81.9   | 122.9 |       |
| 192     | 20.8  | 16.7   | 25.1  |       |

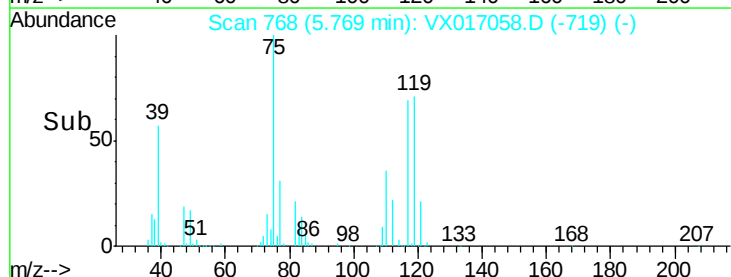
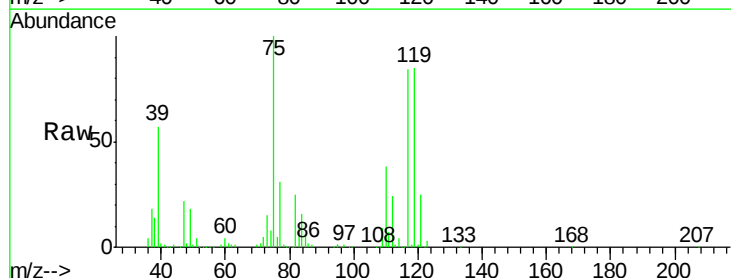
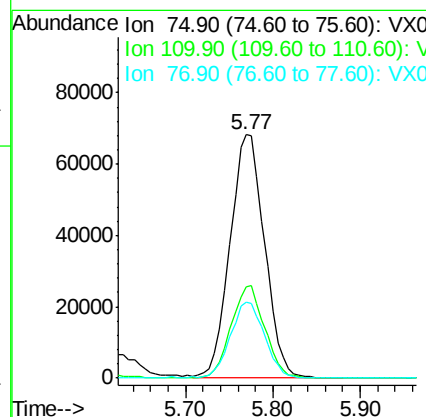
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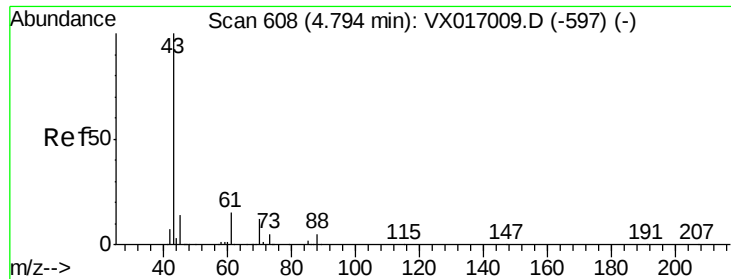
MMDadoda  
7/1/2020 10:49:45 AM



#36  
1,1-Dichloropropene  
Concen: 51.246 ug/l  
RT: 5.77 min Scan# 768  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 186407 |       |       |
| 110     | 37.0  | 18.1   | 54.1  |       |
| 77      | 31.0  | 24.6   | 37.0  |       |





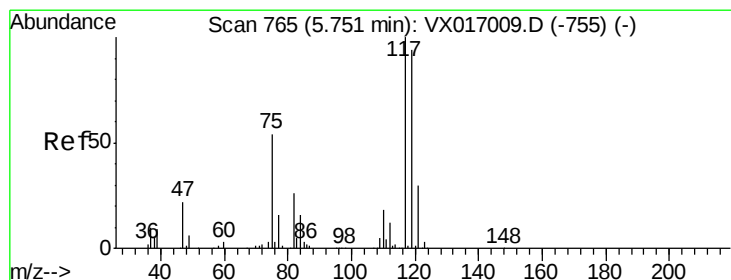
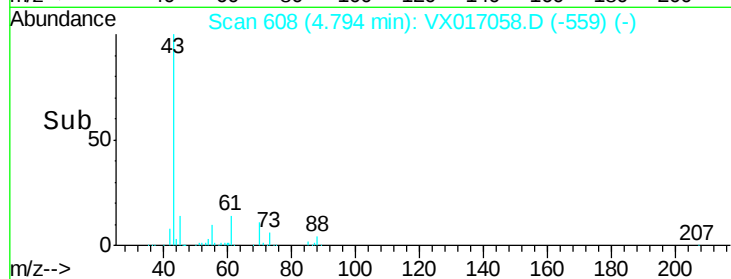
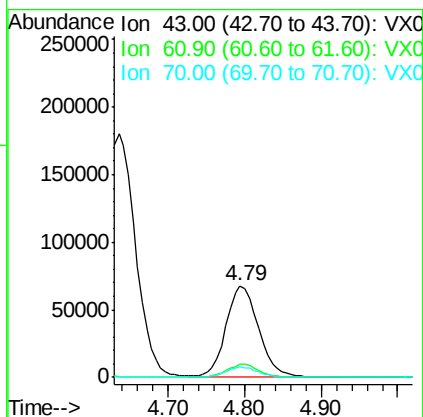
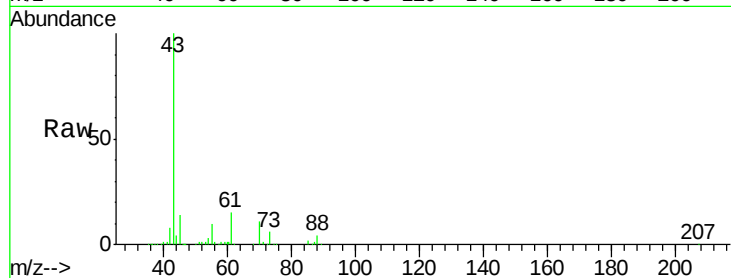
#37  
Ethyl Acetate  
Concen: 53.990 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.3  | 11.0  | 16.4  |
| 70      | 11.5  | 8.9   | 13.3  |

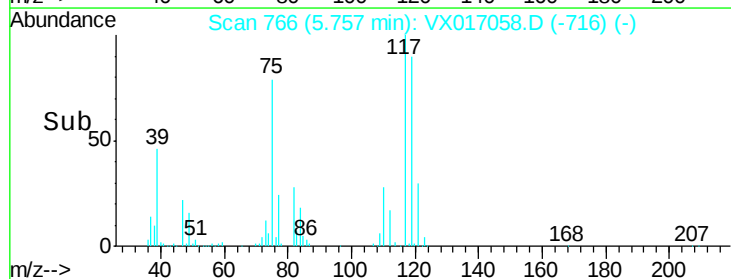
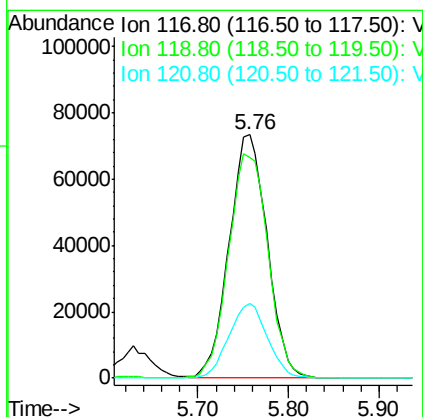
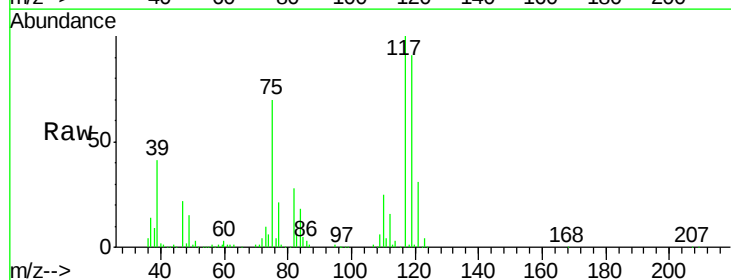
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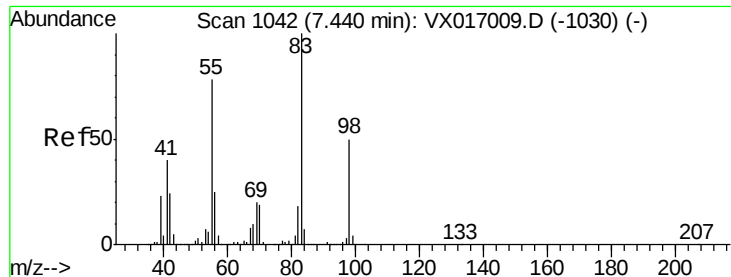
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 53.331 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. 0.01 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 90.7  | 75.4  | 113.0 |
| 121     | 30.7  | 23.8  | 35.6  |





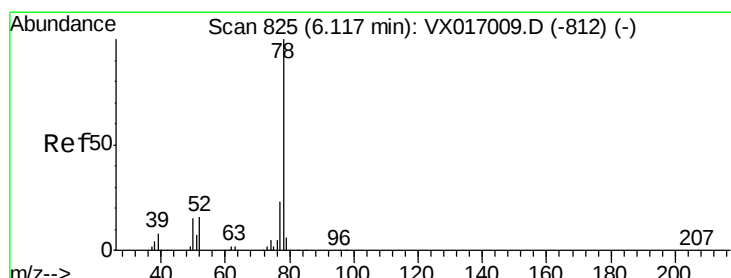
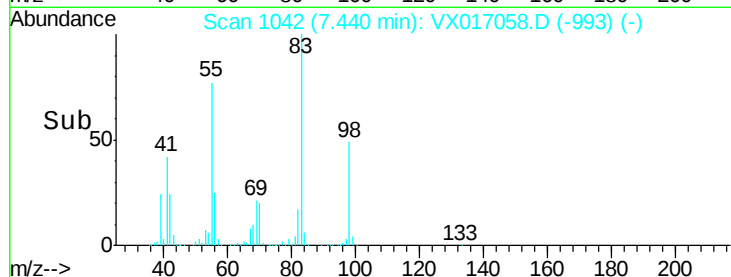
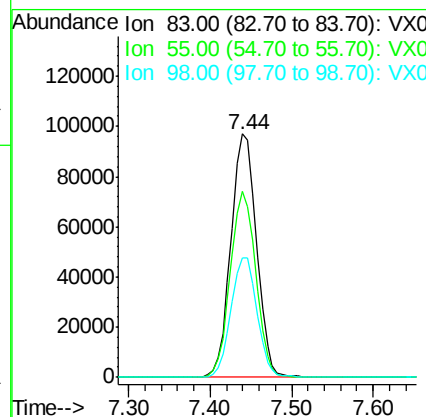
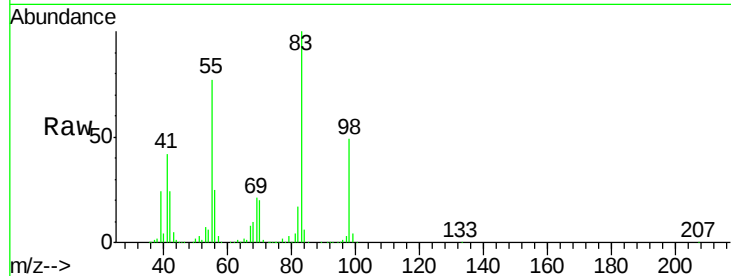
#39  
Methvlcvclohexane  
Concen: 52.101 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 210858 |       |       |
| 55      | 76.6  |        | 62.5  | 93.7  |
| 98      | 49.2  |        | 40.1  | 60.1  |

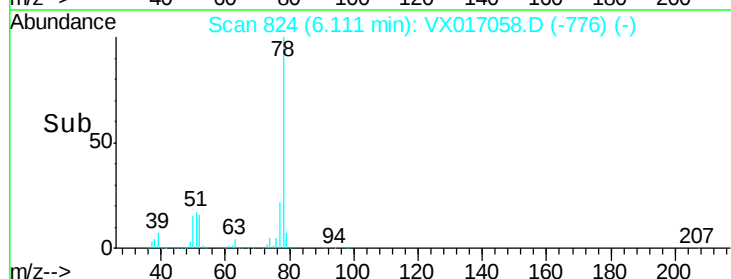
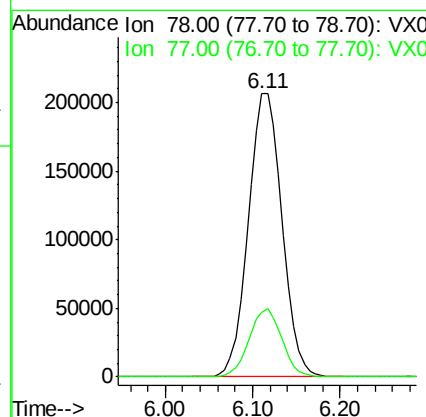
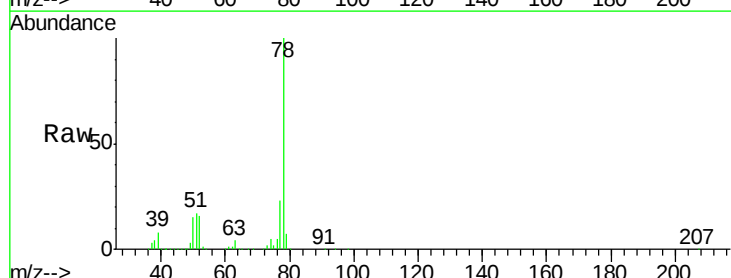
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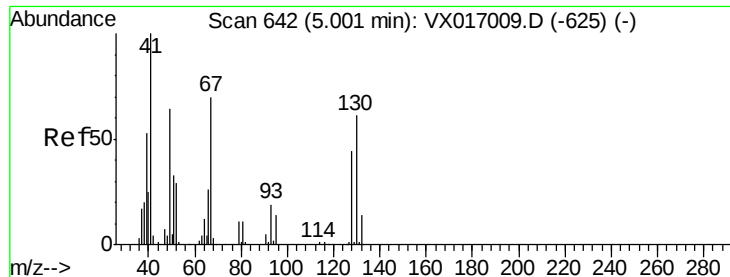
MMDadoda  
7/1/2020 10:49:45 AM



#40  
Benzene  
Concen: 51.636 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 551863 |       |       |
| 77      | 22.9  |        | 18.3  | 27.5  |





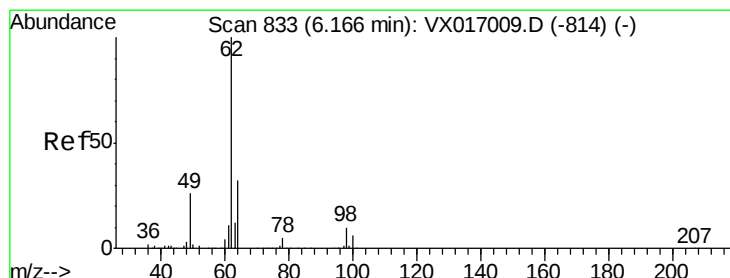
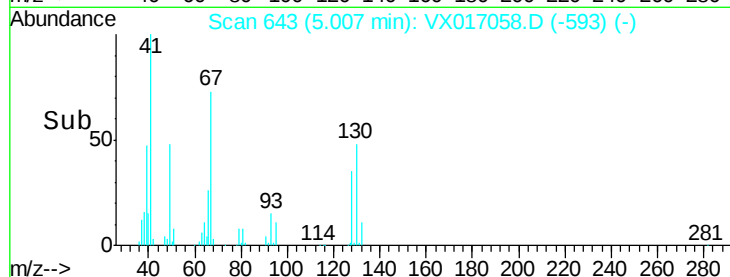
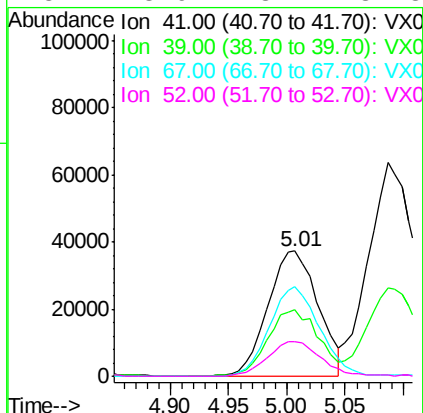
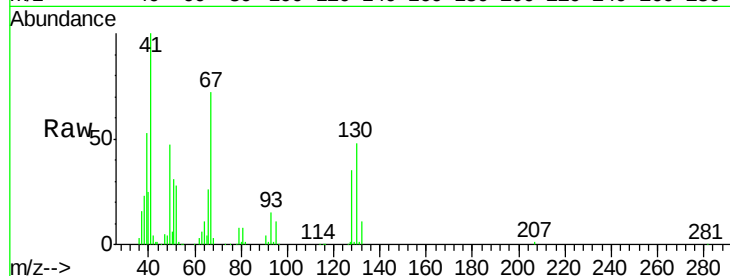
#41  
Methacrylonitrile  
Concen: 53.356 ug/l  
RT: 5.01 min Scan# 643  
Delta R.T. 0.01 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 53.4 | 44.4  | 66.6  |       |
| 67      | 71.8 | 57.1  | 85.7  |       |
| 52      | 28.9 | 23.2  | 34.8  |       |

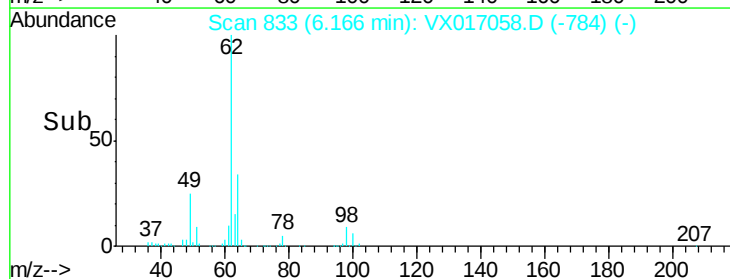
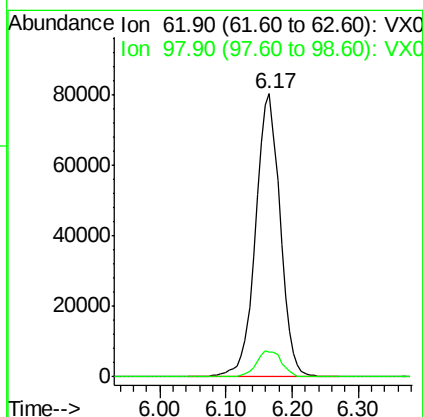
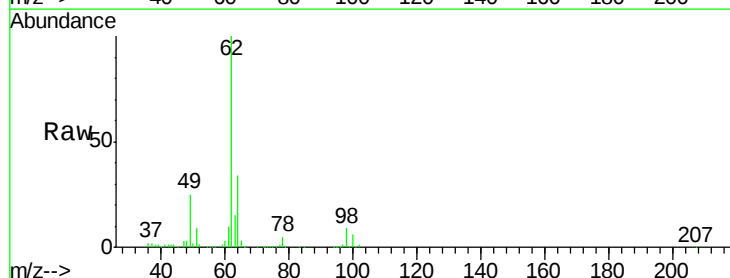
Manual Integrations  
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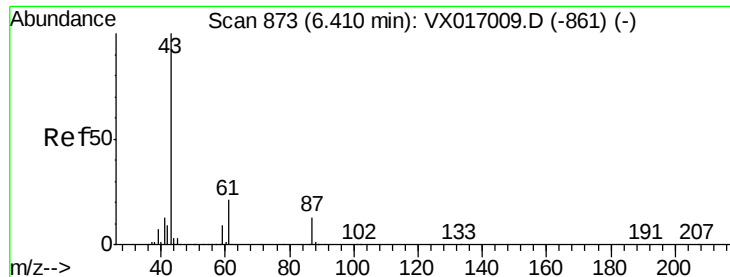
MMDadoda  
7/1/2020 10:49:45 AM



#42  
1,2-Dichloroethane  
Concen: 54.007 ug/l  
RT: 6.17 min Scan# 833  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.6 | 0.0   | 19.2  |       |





#43

Isopropyl Acetate

Concen: 53.482 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

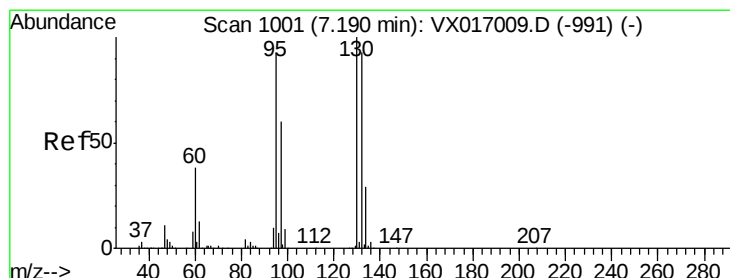
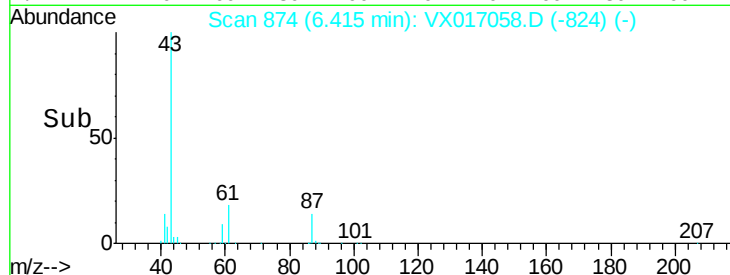
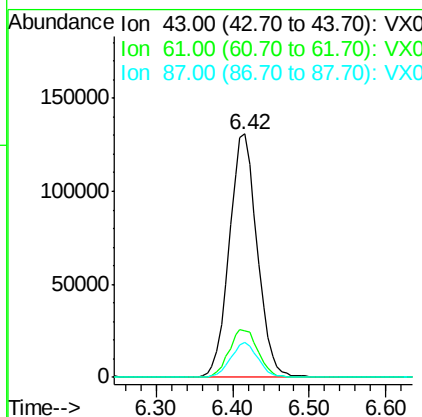
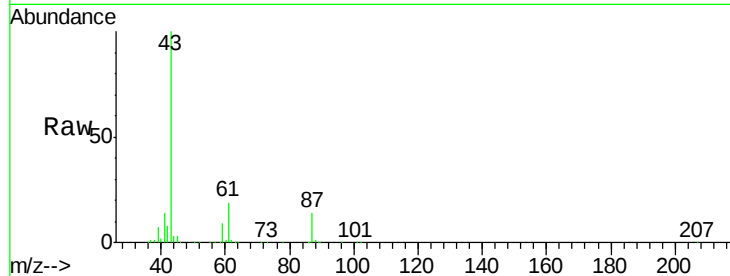
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 327989 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 20.5  | 16.2  | 24.2   |
| 87       | 13.8  | 10.7  | 16.1   |

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#44

Trichloroethene

Concen: 54.280 ug/l

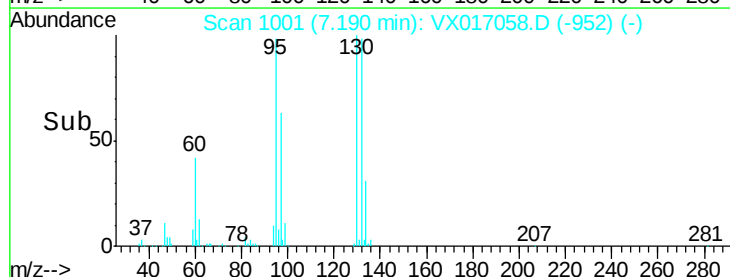
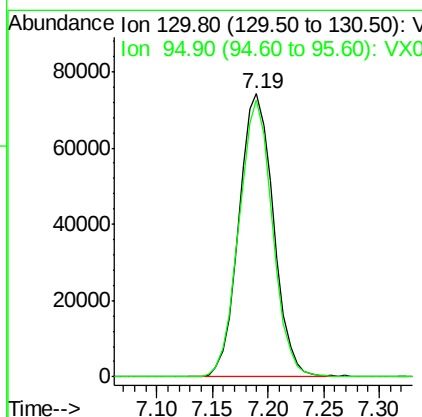
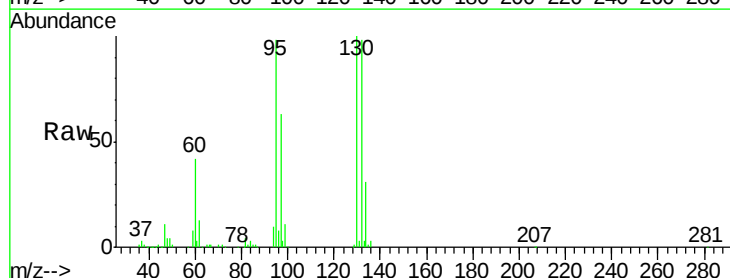
RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 160005 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 98.0  | 0.0   | 185.0  |





#45

1,2-Dichloropropane

Concen: 52.449 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 143971

Ion Ratio Lower Upper

63 100

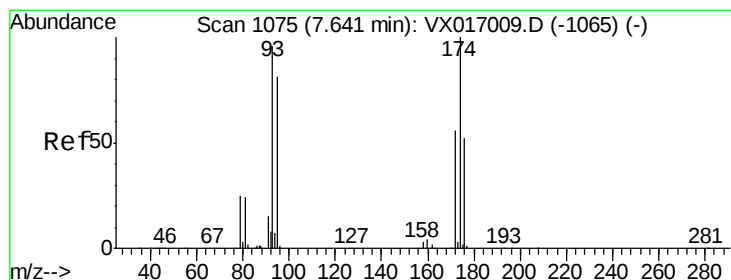
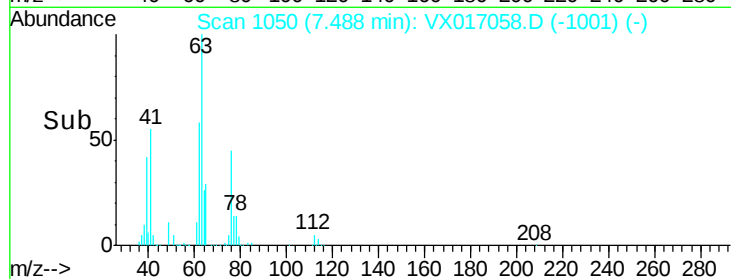
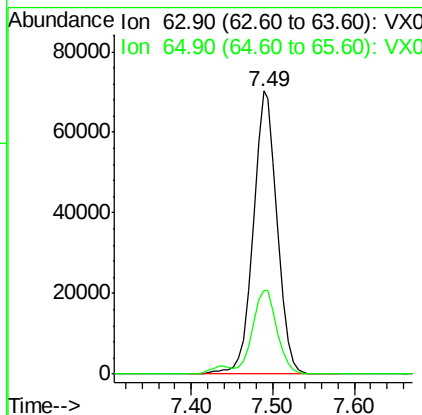
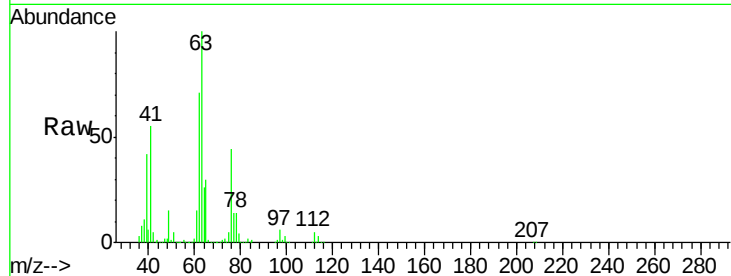
65 29.8 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 53.811 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

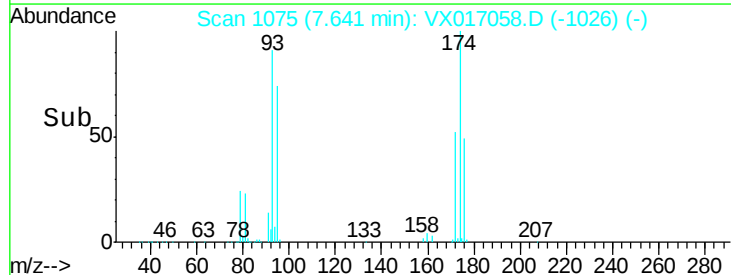
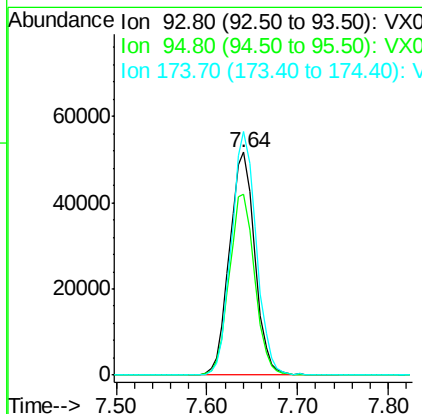
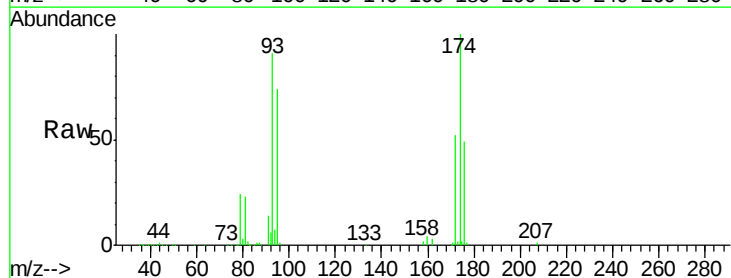
Tgt Ion: 93 Resp: 100846

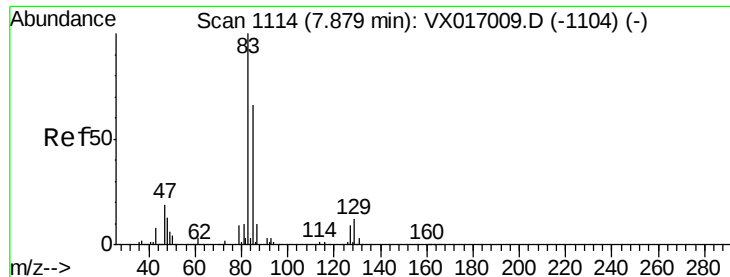
Ion Ratio Lower Upper

93 100

95 81.0 67.4 101.0

174 106.9 84.3 126.5





#47

Bromodichloromethane

Concen: 54.500 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

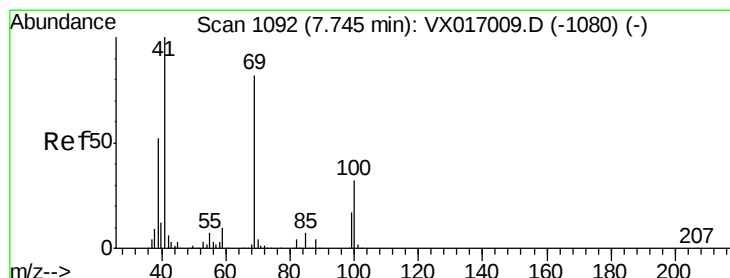
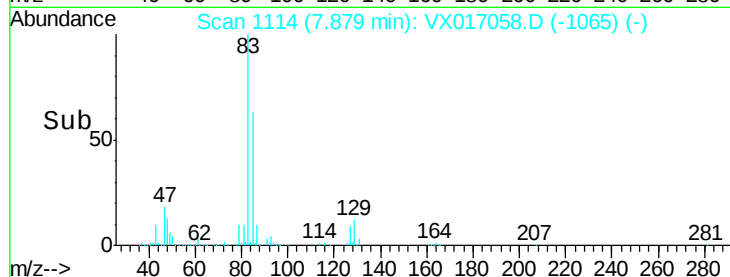
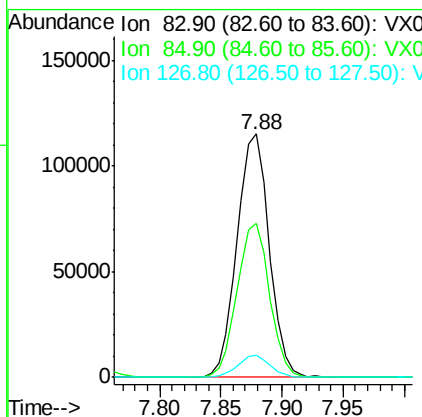
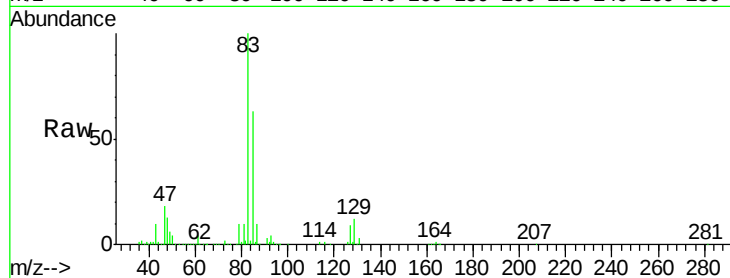
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 210486 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.3  | 53.0  | 79.4   |
| 127      | 9.2   | 7.5   | 11.3   |

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#48

Methyl methacrylate

Concen: 56.759 ug/l

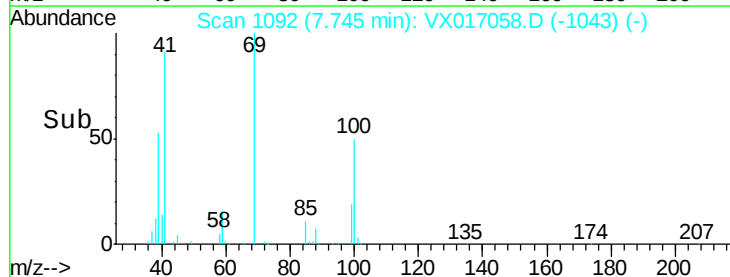
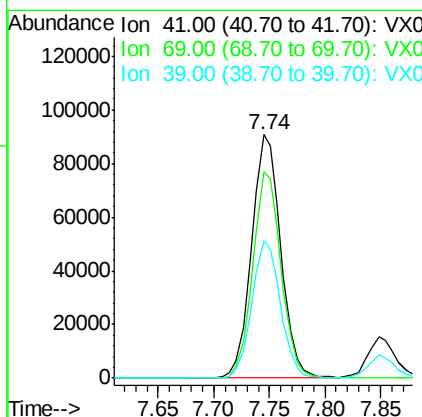
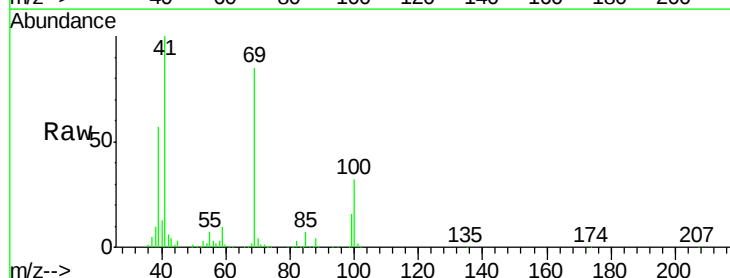
RT: 7.74 min Scan# 1092

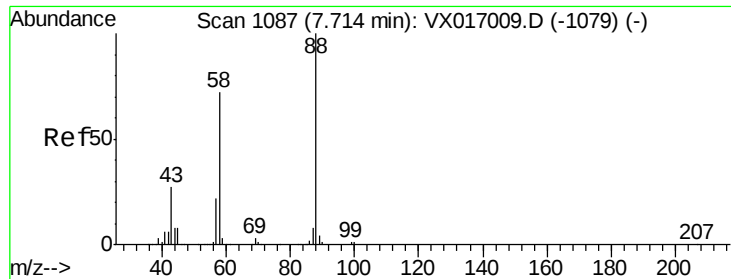
Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 165374 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 82.9  | 65.8  | 98.8   |
| 39       | 55.2  | 42.5  | 63.7   |





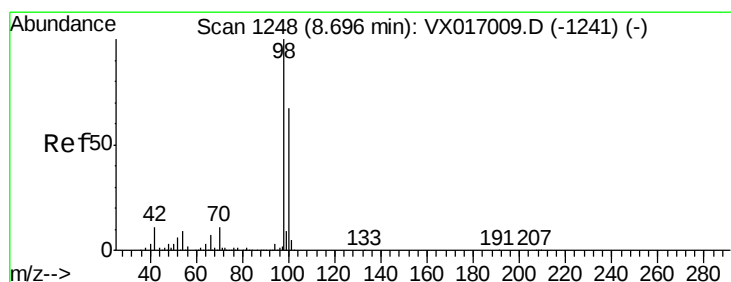
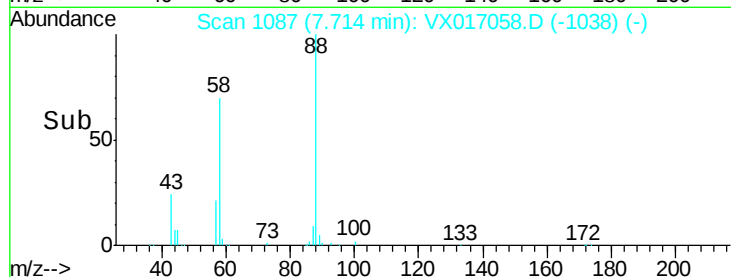
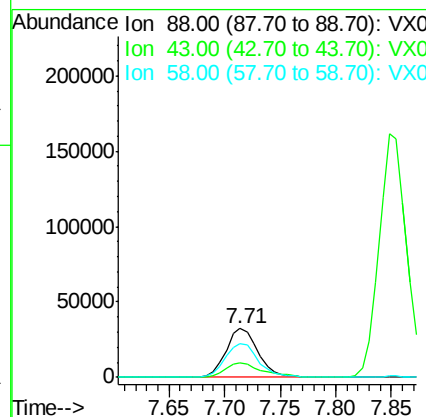
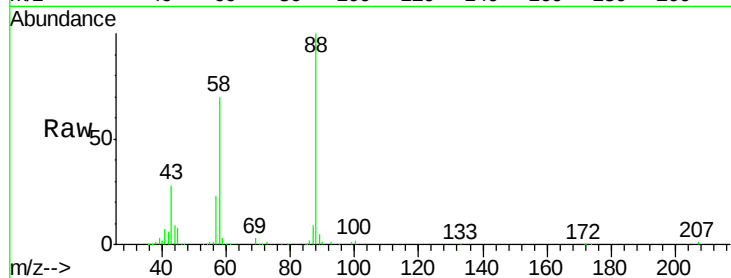
#49  
1,4-Dioxane  
Concen: 988.119 ug/l  
RT: 7.71 min Scan# 1087  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 35.9  | 25.8  | 38.8  |
| 58      | 72.1  | 54.8  | 82.2  |

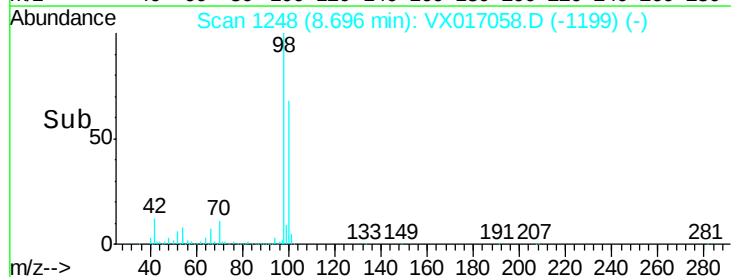
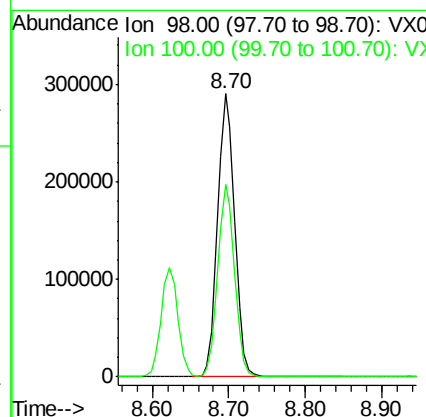
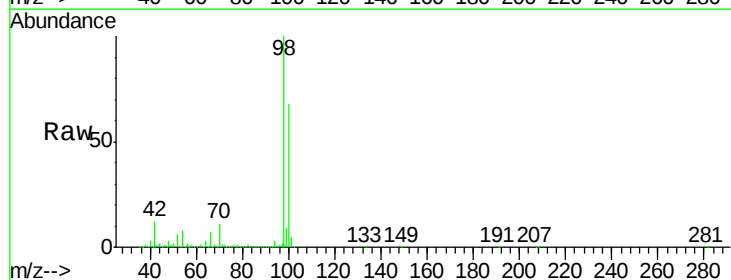
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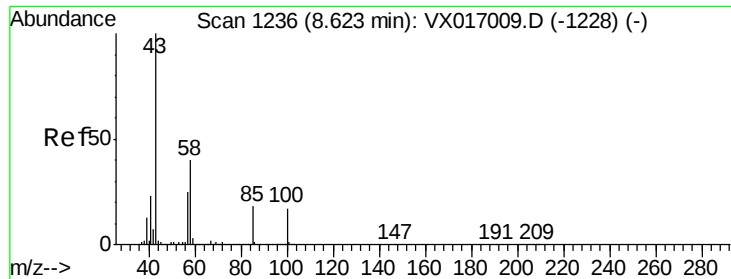
MMDadoda  
7/1/2020 10:49:45 AM



#50  
Toluene-d8  
Concen: 50.025 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 67.0  | 53.8  | 80.6  |





#51

4-Methyl-2-Pentanone

Concen: 279.967 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1023475

Ion Ratio Lower Upper

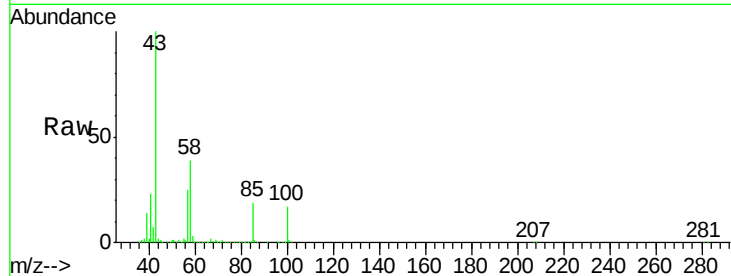
43 100

58 39.5 31.9 47.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

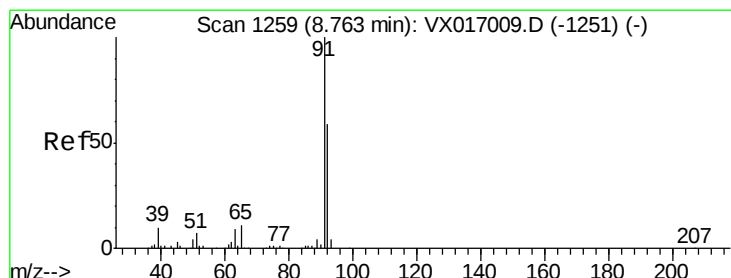
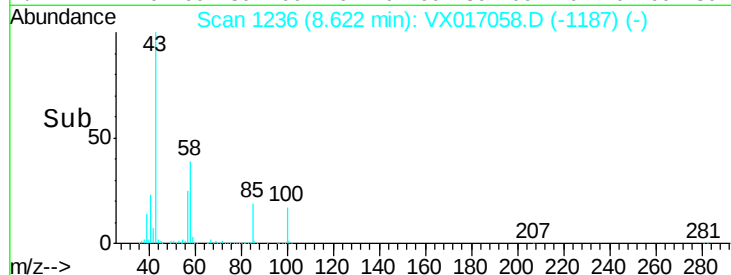
600000

400000

200000

0

Time--> 8.50 8.60 8.70



#52

Toluene

Concen: 53.044 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017058.D

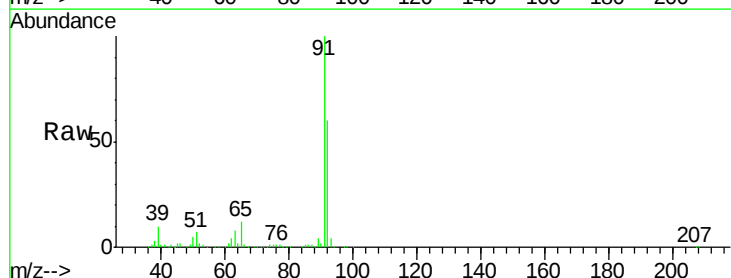
Acq: 30 Jun 2020 20:12

Tgt Ion: 92 Resp: 353944

Ion Ratio Lower Upper

92 100

91 169.3 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

400000

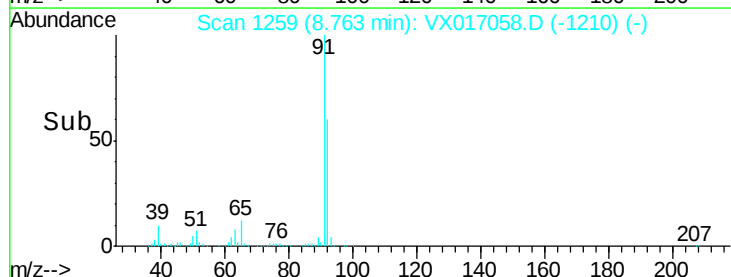
300000

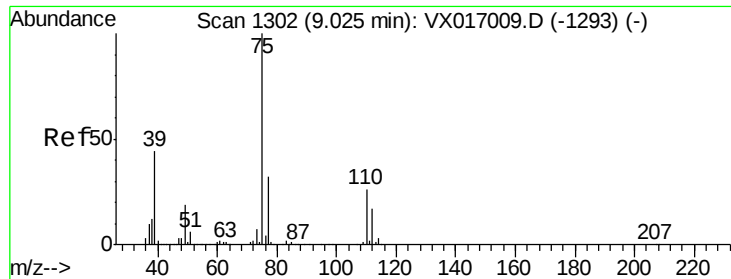
200000

100000

0

Time--> 8.70 8.80 8.90





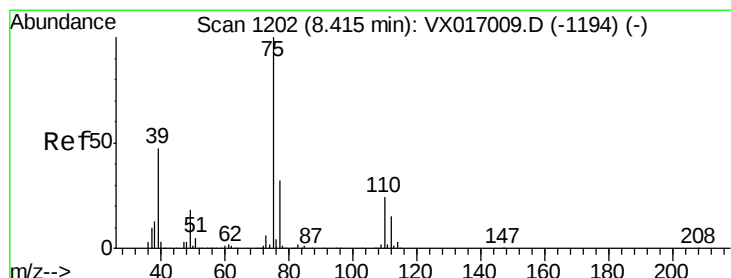
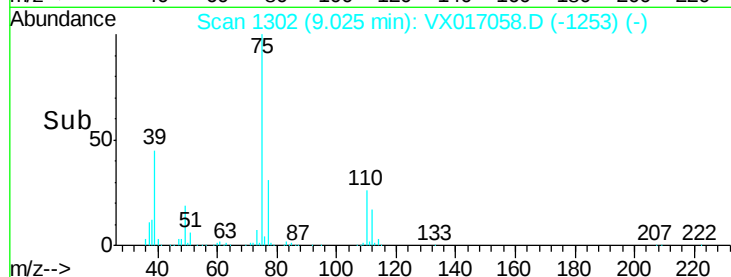
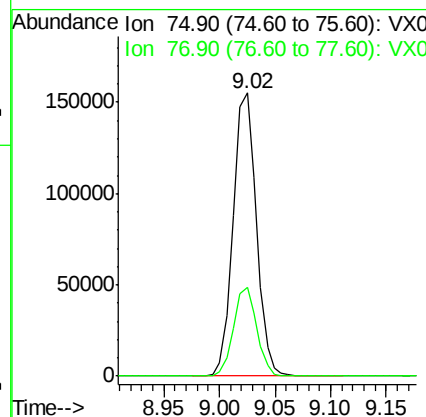
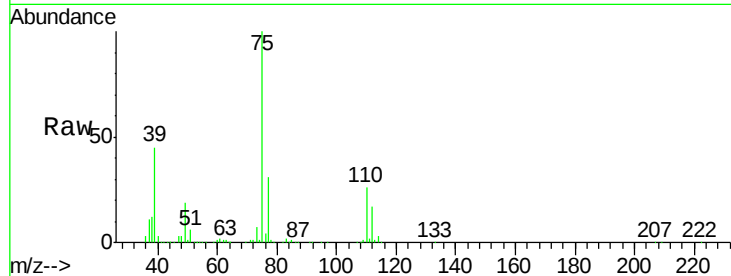
#53  
t-1,3-Dichloropropene  
Concen: 52.739 ug/l  
RT: 9.02 min Scan# 1302  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 75 Resp: 224730  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.6 38.4

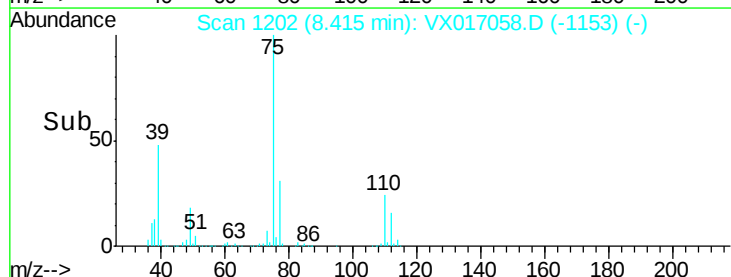
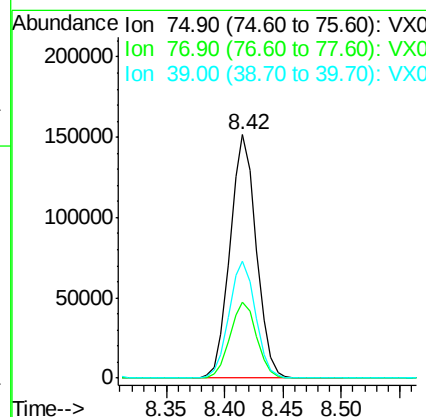
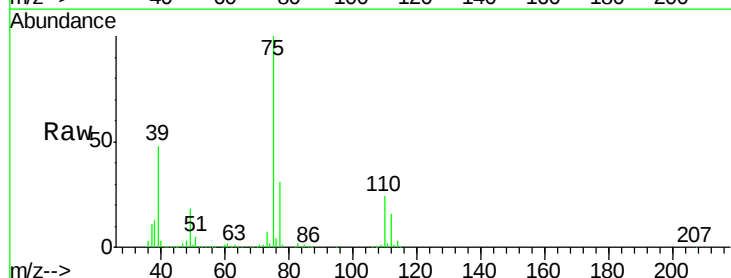
Manual Integrations  
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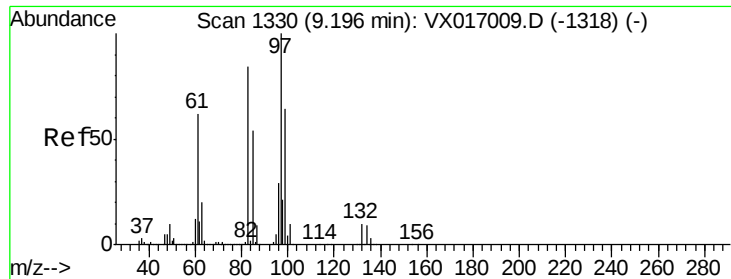
MMDadoda  
7/1/2020 10:49:45 AM



#54  
cis-1,3-Dichloropropene  
Concen: 51.980 ug/l  
RT: 8.42 min Scan# 1202  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Tgt Ion: 75 Resp: 237440  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.2 37.8  
39 48.1 37.4 56.2





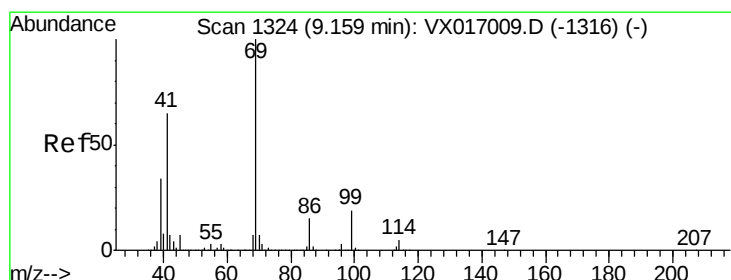
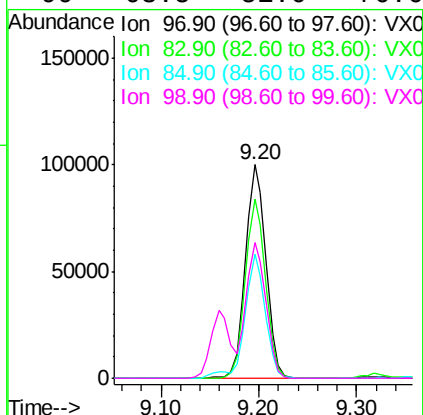
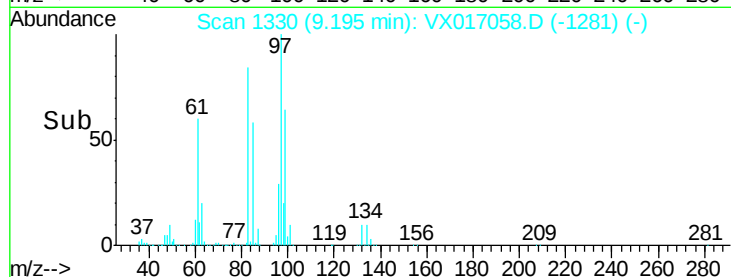
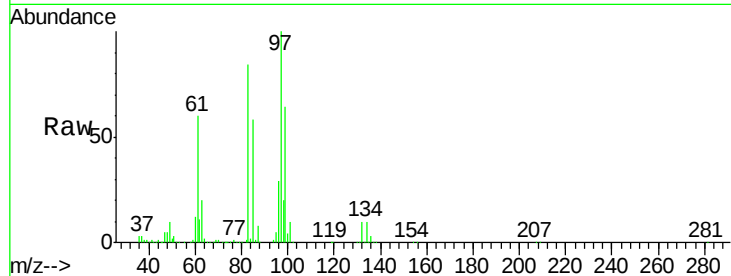
#55  
 1,1,2-Trichloroethane  
 Concen: 53.169 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX017058.D  
 Acq: 30 Jun 2020 20:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 144951 |       |       |
| 83      | 83.9 | 67.0  | 100.6  |       |       |
| 85      | 58.3 | 43.5  | 65.3   |       |       |
| 99      | 63.5 | 51.0  | 76.6   |       |       |

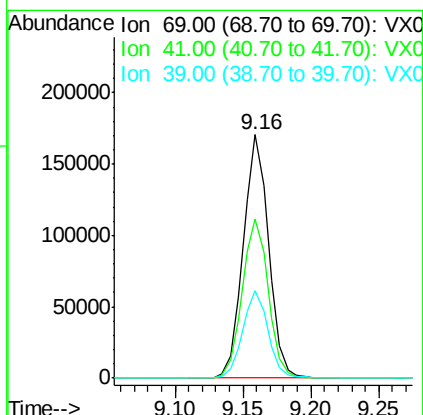
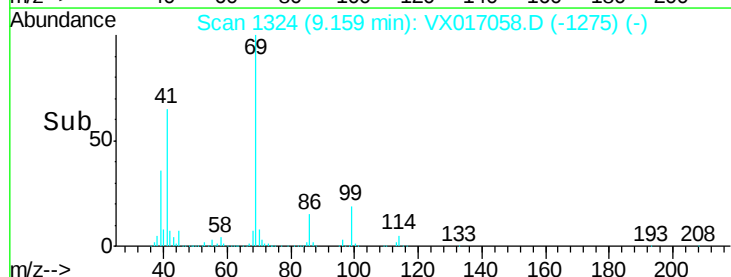
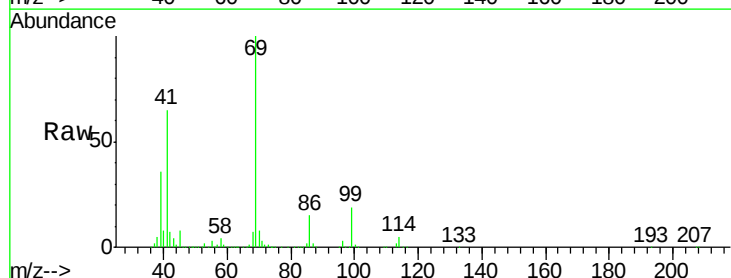
Manual Integrations  
 APPROVED

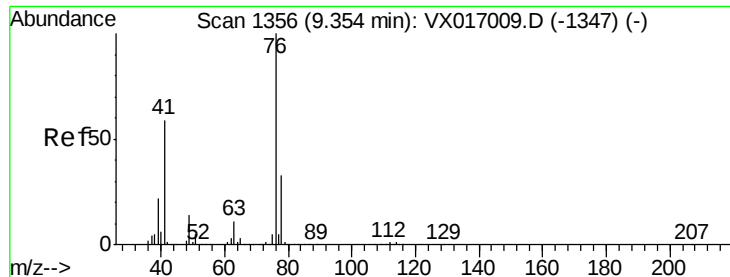
MMDadoda  
 7/1/2020 10:49:45 AM



#56  
 Ethyl methacrylate  
 Concen: 57.304 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX017058.D  
 Acq: 30 Jun 2020 20:12

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 222360 |       |       |
| 41      | 66.6 | 53.6  | 80.4   |       |       |
| 39      | 35.6 | 28.2  | 42.2   |       |       |





#57

1,3-Dichloropropane

Concen: 52.159 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 240616

Ion Ratio Lower Upper

76 100

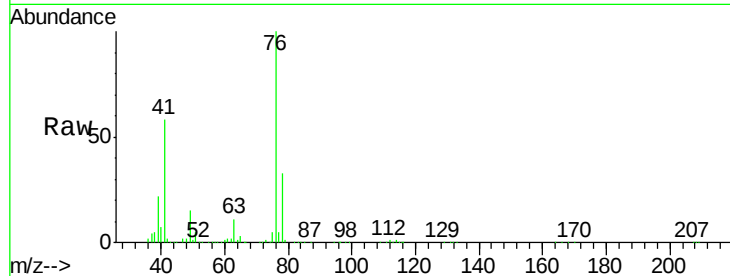
78 32.8 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

7/1/2020 10:49:45 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

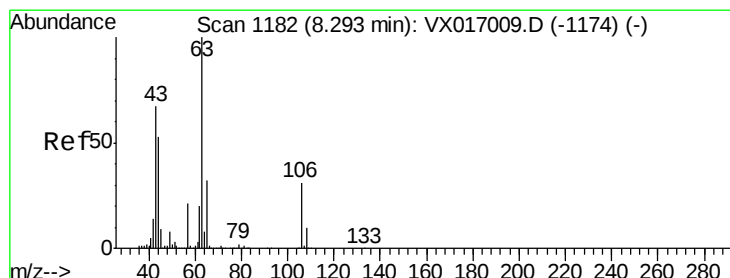
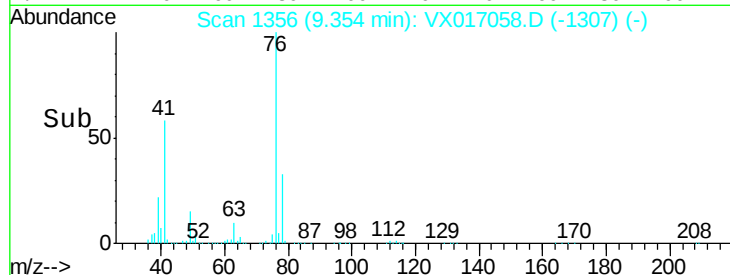
100000

50000

0

9.25 9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 293.722 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017058.D

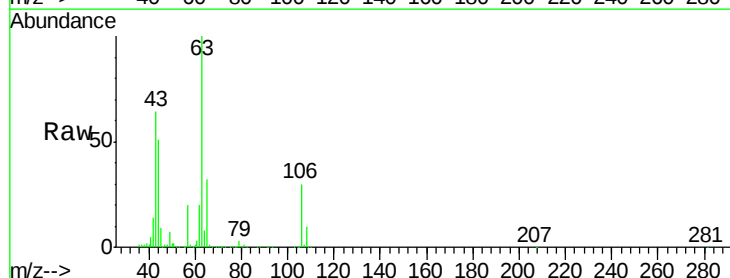
Acq: 30 Jun 2020 20:12

Tgt Ion: 63 Resp: 567240

Ion Ratio Lower Upper

63 100

106 29.9 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

400000

300000

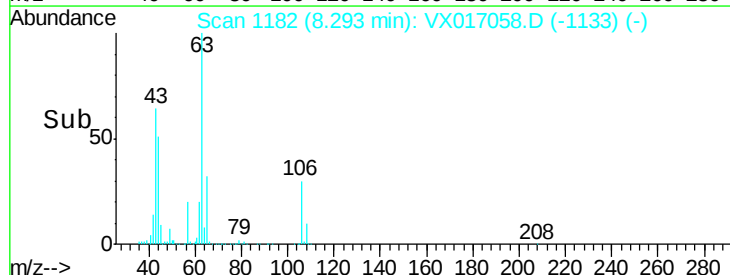
200000

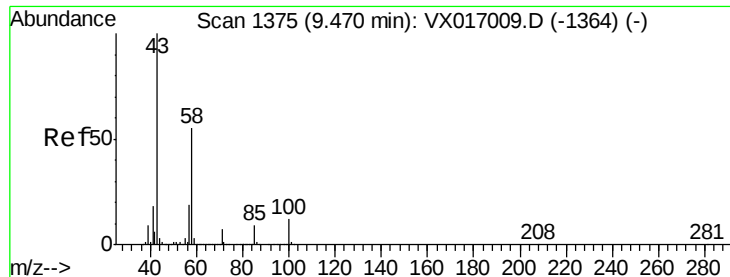
100000

0

8.20 8.25 8.30 8.35 8.40

Time-->





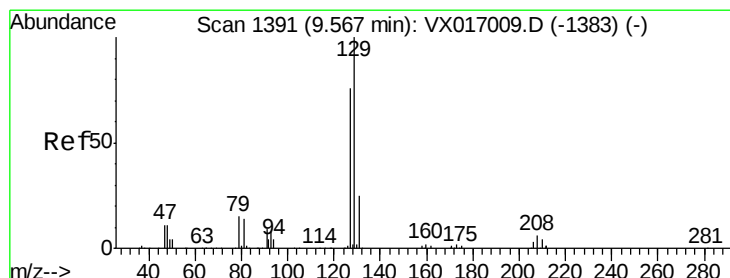
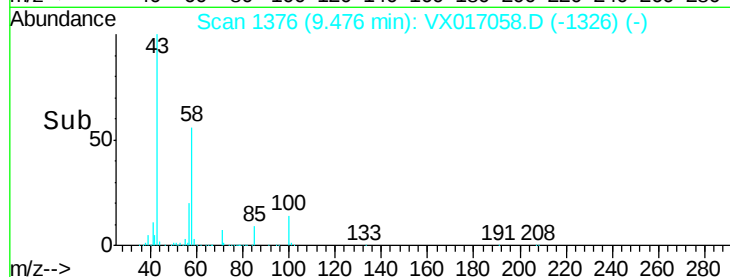
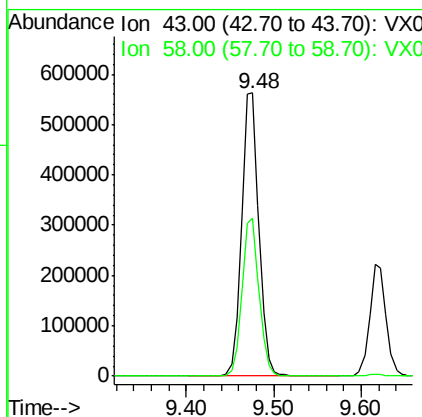
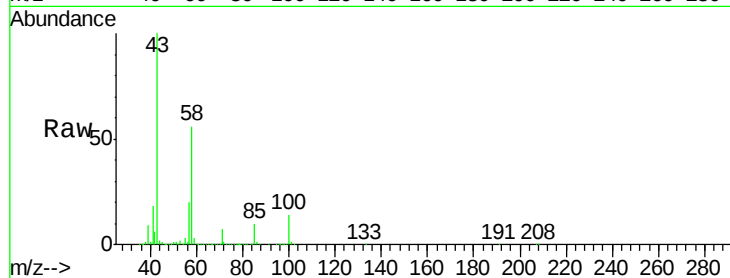
#59  
2-Hexanone  
Concen: 289.581 ug/l  
RT: 9.48 min Scan# 1376  
Delta R.T. 0.01 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 773148  
Ion Ratio Lower Upper  
43 100  
58 55.0 27.9 83.6

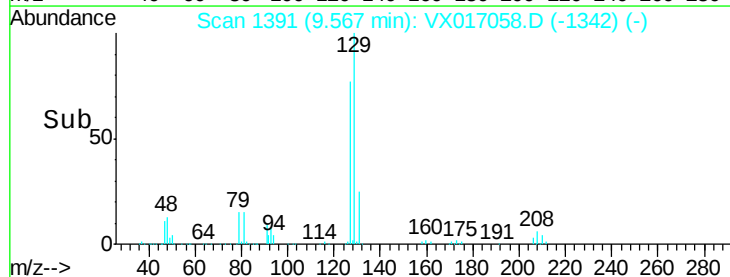
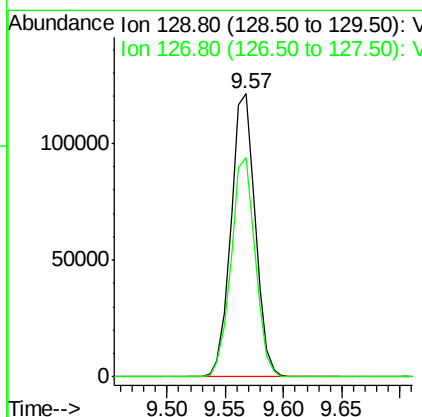
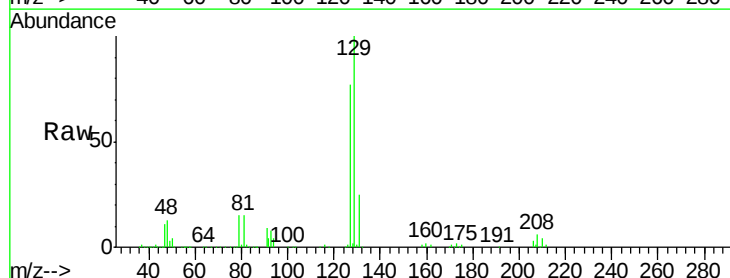
Manual Integrations  
APPROVED

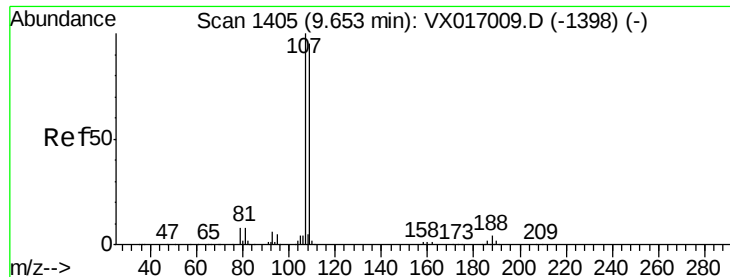
MMDadoda  
7/1/2020 10:49:45 AM



#60  
Dibromochloromethane  
Concen: 55.621 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Tgt Ion: 129 Resp: 176121  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 53.928 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 158033

Ion Ratio Lower Upper

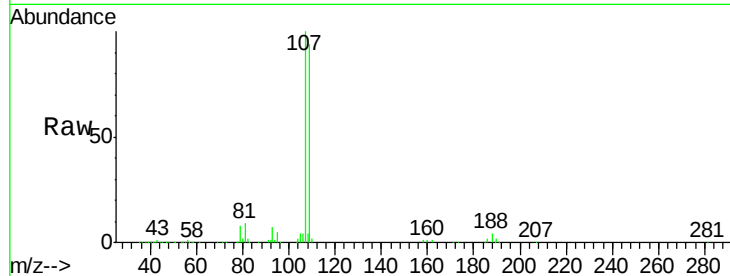
107 100

109 95.0 75.8 113.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

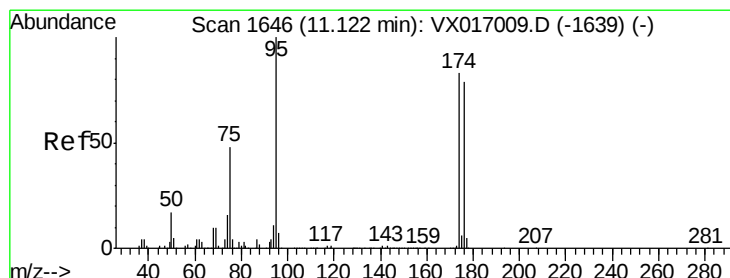
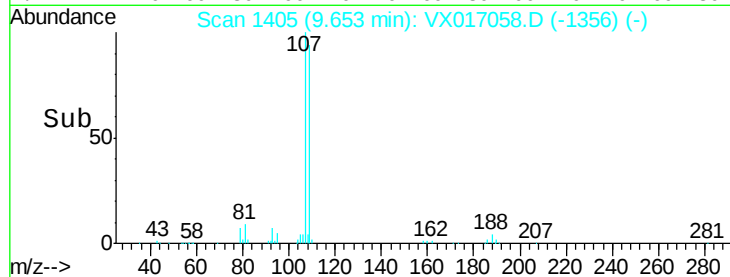
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.453 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

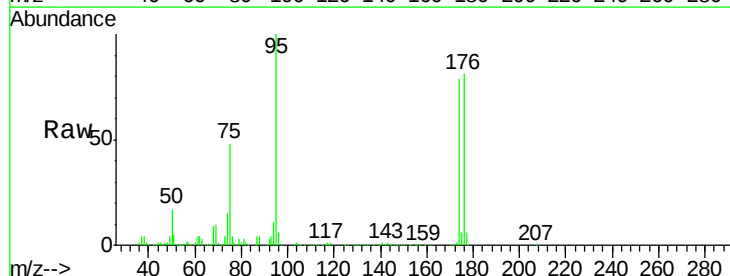
Tgt Ion: 95 Resp: 181074

Ion Ratio Lower Upper

95 100

174 81.7 0.0 164.0

176 80.8 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

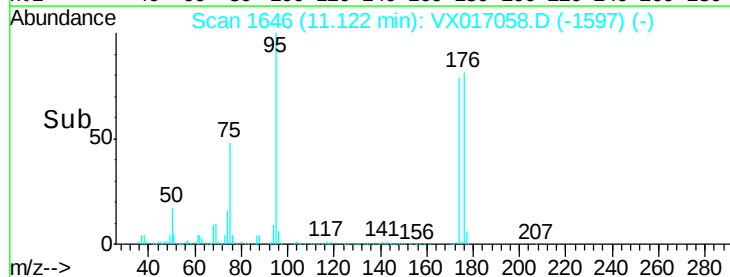
150000

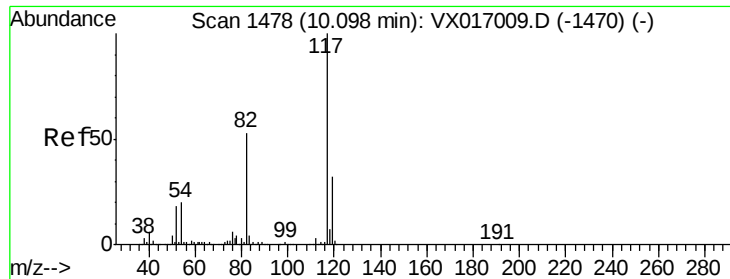
100000

50000

0

Time-->





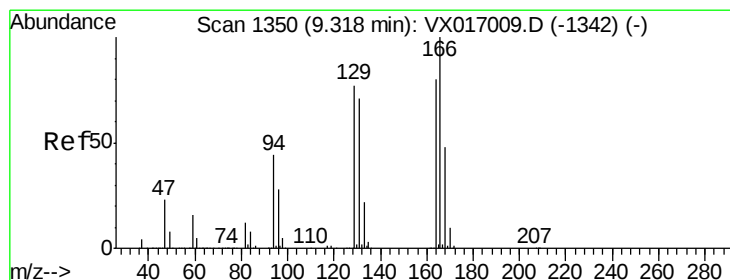
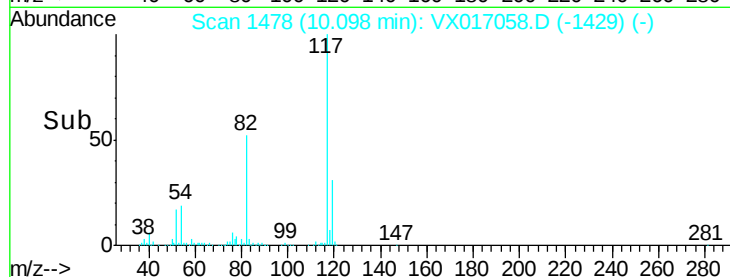
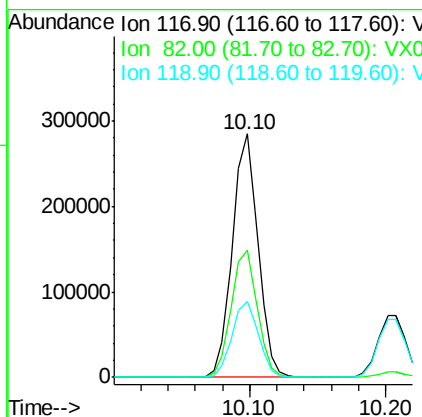
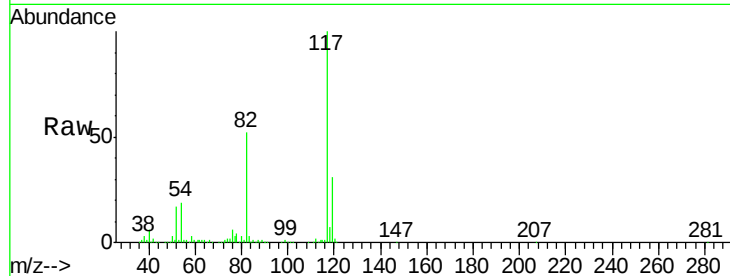
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.1  | 42.6  | 63.8  |
| 119     | 31.3  | 25.4  | 38.2  |

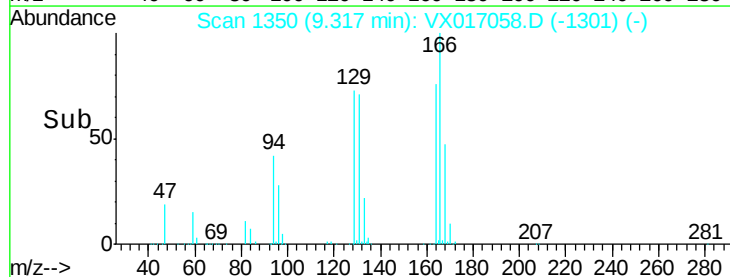
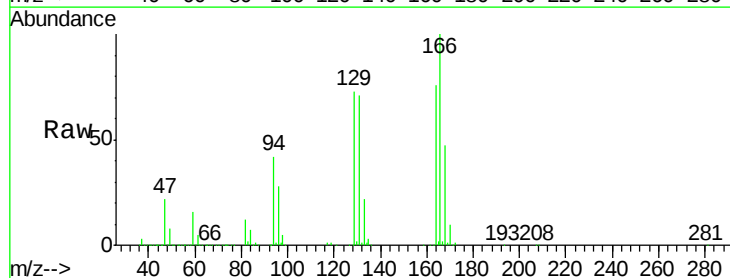
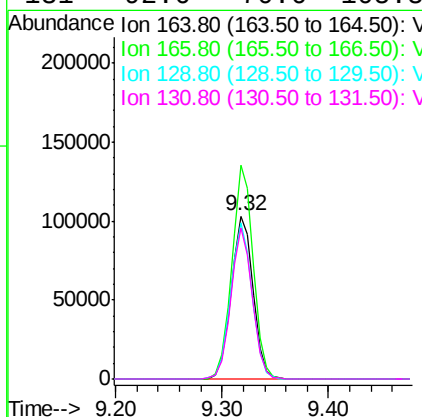
Manual Integrations  
APPROVED

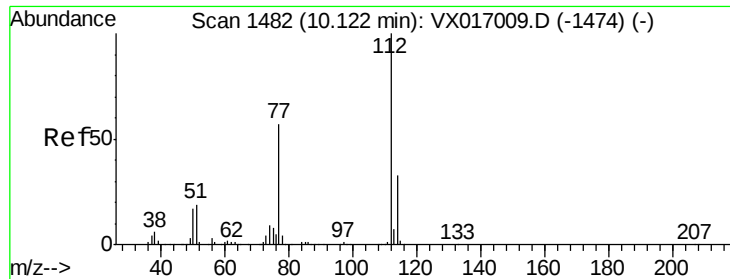
MMDadoda  
7/1/2020 10:49:45 AM



#64  
Tetrachloroethene  
Concen: 49.252 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 131.2 | 99.4  | 149.0 |
| 129     | 95.7  | 76.3  | 114.5 |
| 131     | 92.6  | 70.6  | 105.8 |





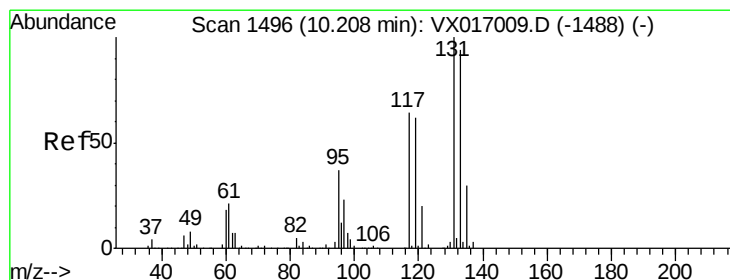
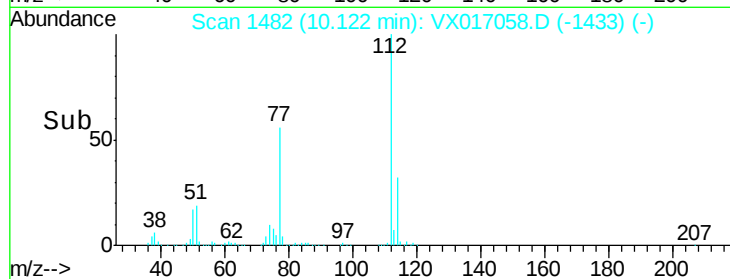
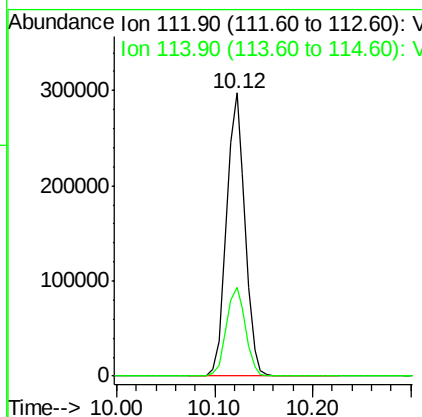
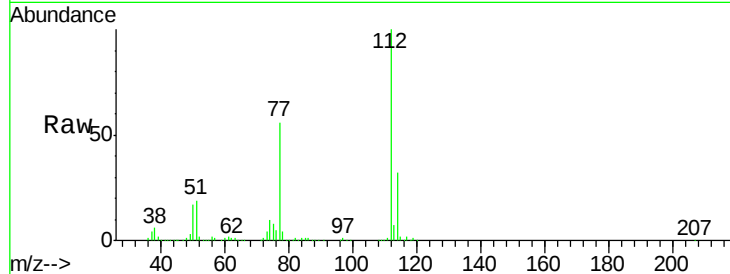
#65  
Chlorobenzene  
Concen: 50.499 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.6  | 26.2  | 39.4  |

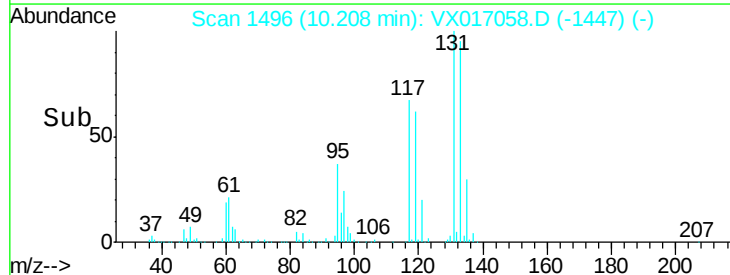
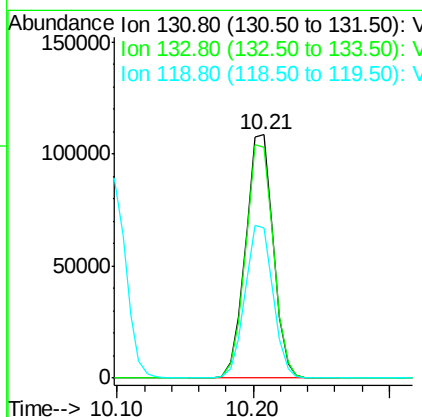
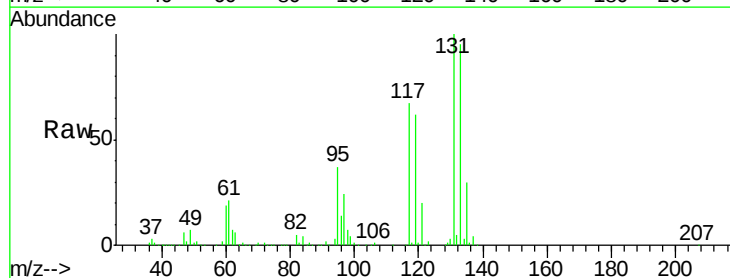
Manual Integrations  
APPROVED

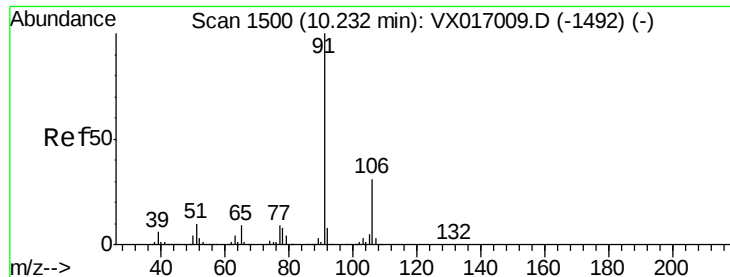
MMDadoda  
7/1/2020 10:49:45 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.040 ug/l  
RT: 10.21 min Scan# 1496  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 97.2  | 47.3  | 141.9 |
| 119     | 63.6  | 31.9  | 95.5  |





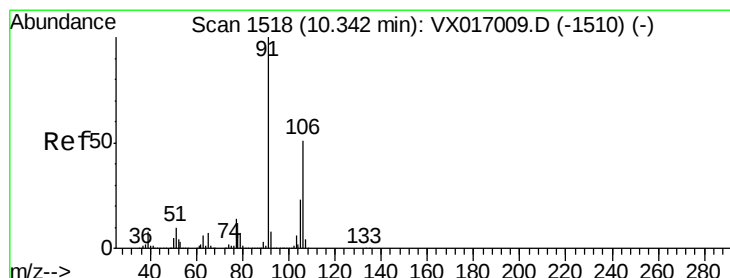
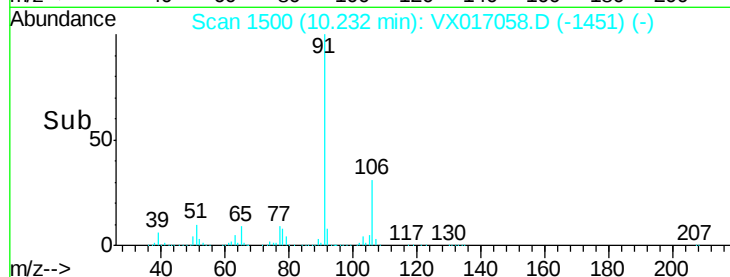
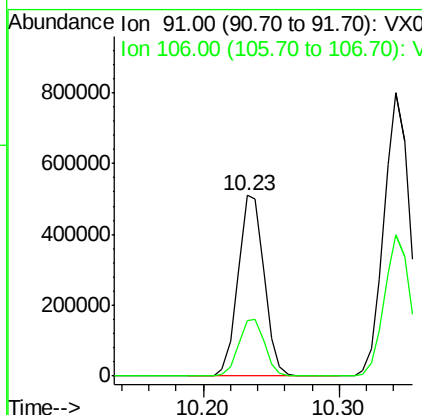
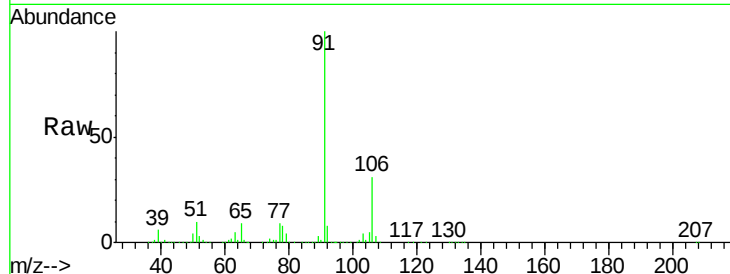
#67  
Ethyl Benzene  
Concen: 52.973 ug/l  
RT: 10.23 min Scan# 1500  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 682029  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.7 37.1

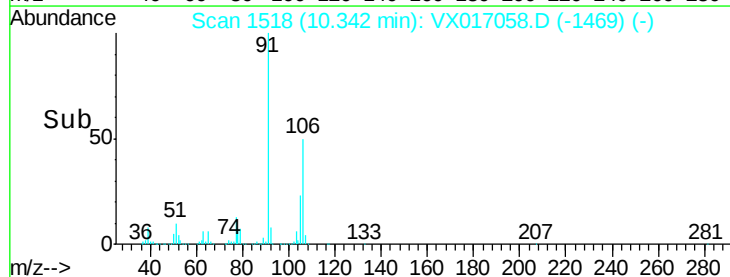
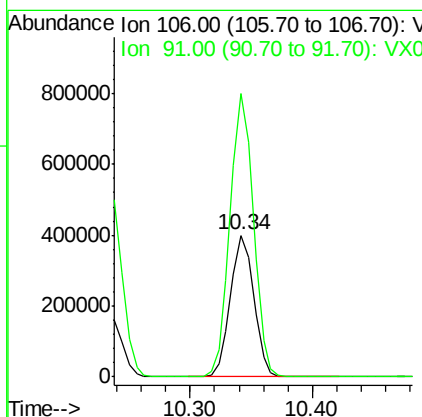
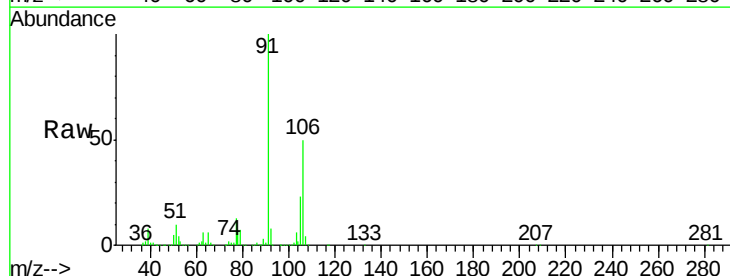
Manual Integrations  
APPROVED

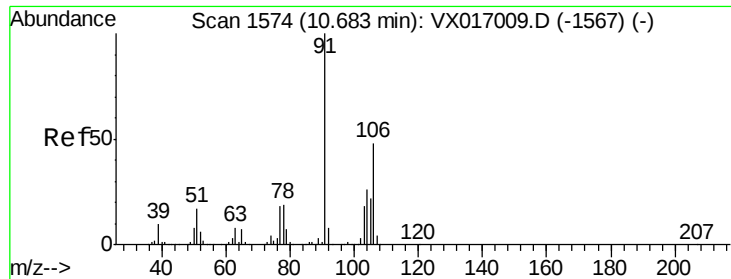
MMDadoda  
7/1/2020 10:49:45 AM



#68  
m/p-Xylenes  
Concen: 107.064 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Tgt Ion: 106 Resp: 529278  
Ion Ratio Lower Upper  
106 100  
91 199.7 158.6 238.0





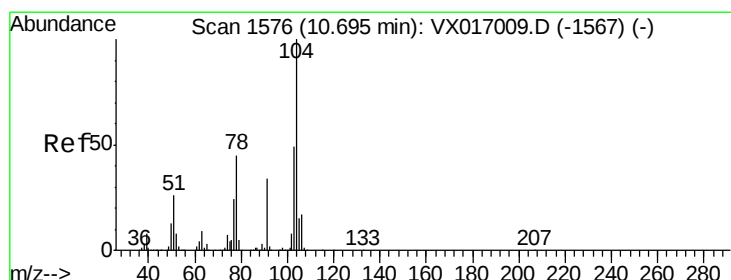
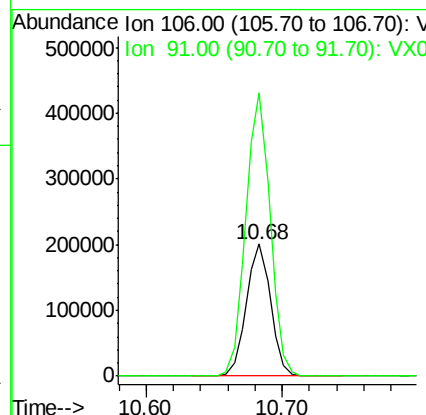
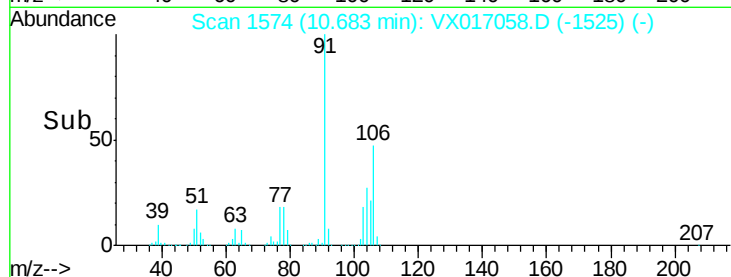
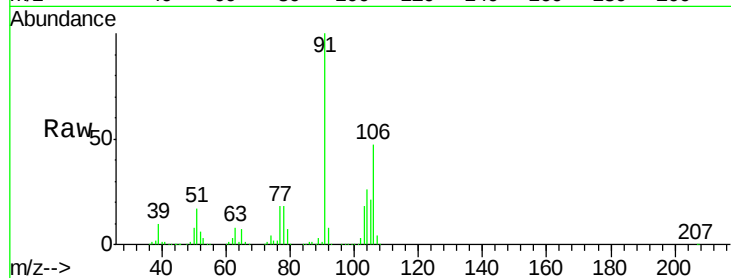
#69  
o-Xylene  
Concen: 53.213 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 215.2 | 105.6 | 316.7 |

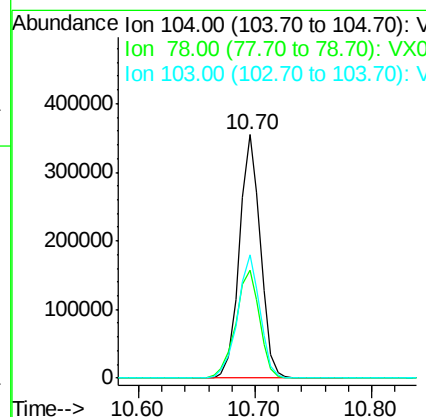
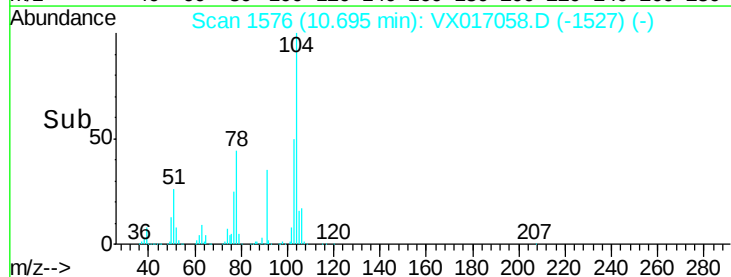
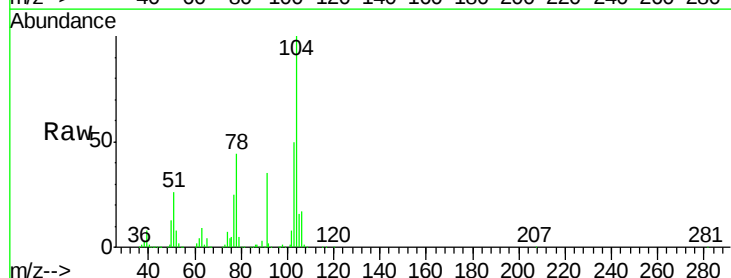
Manual Integrations  
APPROVED

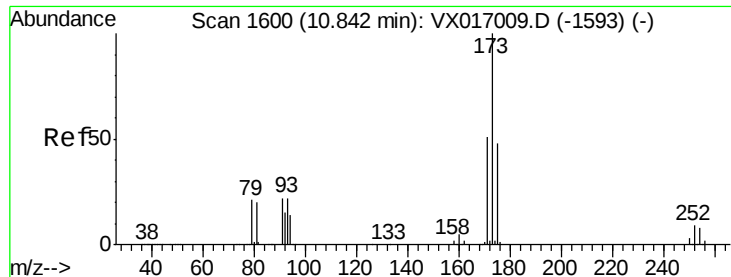
MMDadoda  
7/1/2020 10:49:45 AM



#70  
Styrene  
Concen: 55.645 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 50.3  | 39.5  | 59.3  |
| 103     | 54.1  | 43.0  | 64.6  |





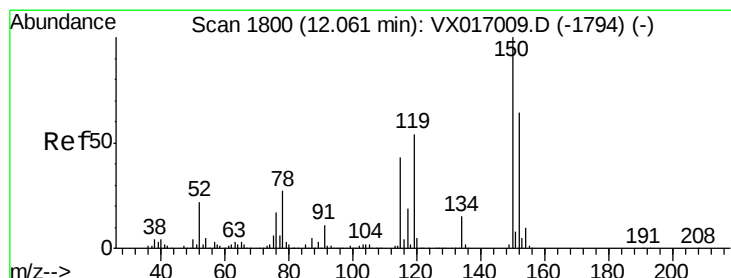
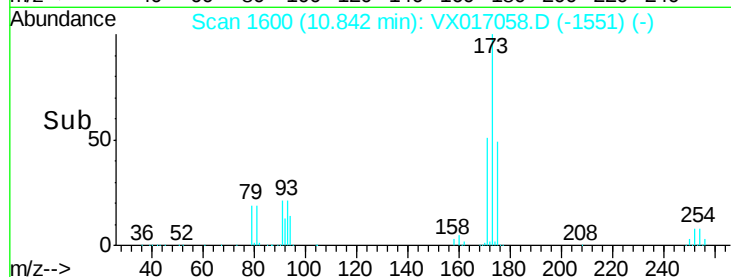
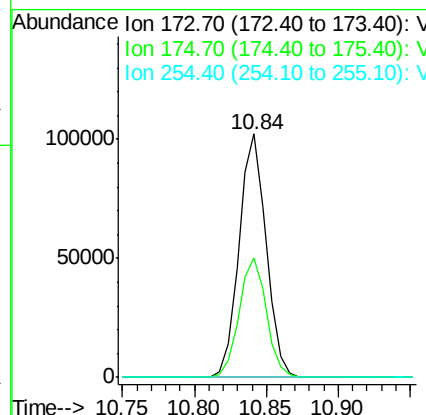
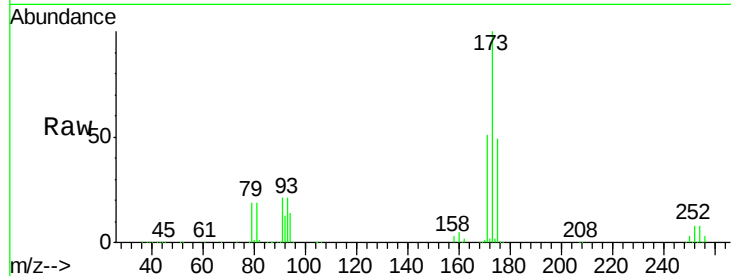
#71  
Bromoform  
Concen: 56.923 ug/l  
RT: 10.84 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.5  | 24.5  | 73.5  |
| 254     | 0.1   | 0.1   | 0.1   |

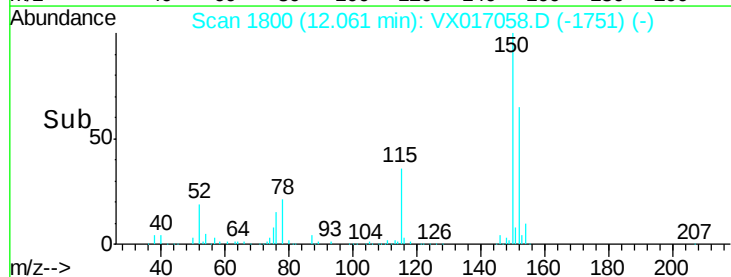
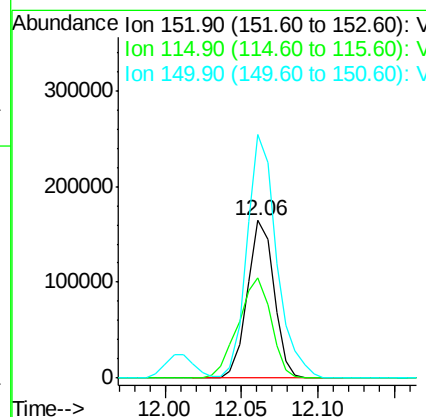
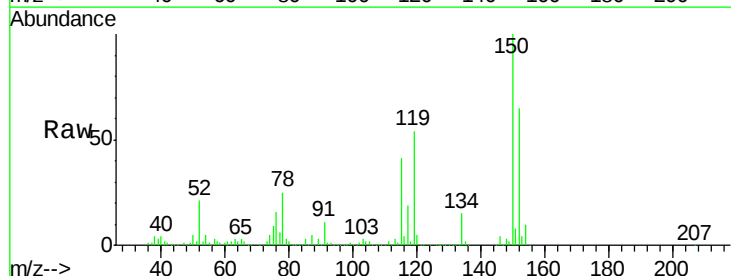
Manual Integrations  
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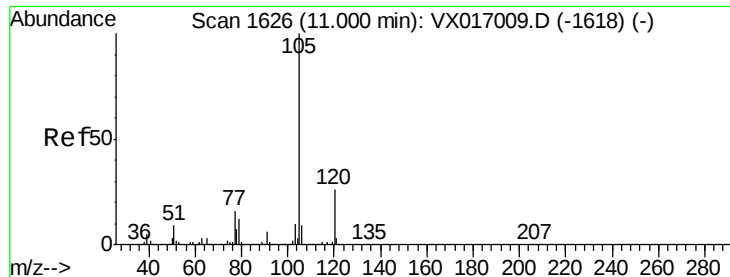
MMDadoda  
7/1/2020 10:49:45 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 78.5  | 40.9  | 122.7 |
| 150     | 171.9 | 0.0   | 351.6 |





#73

Isopropylbenzene

Concen: 52.100 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 676850

Ion Ratio Lower Upper

105 100

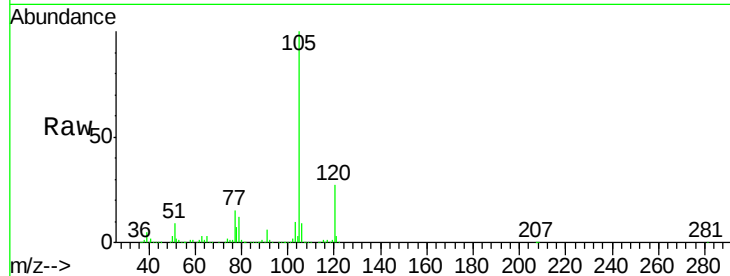
120 27.0 13.4 40.2

Manual Integrations

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7/1/2020 10:49:45 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

600000

500000

400000

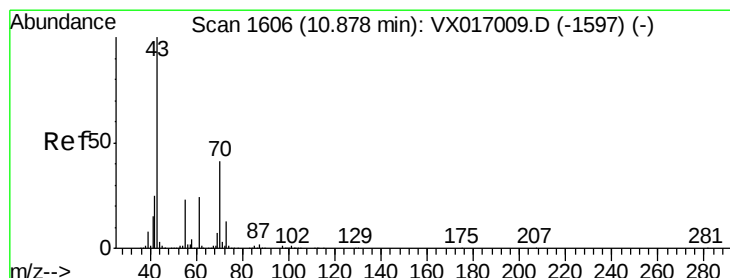
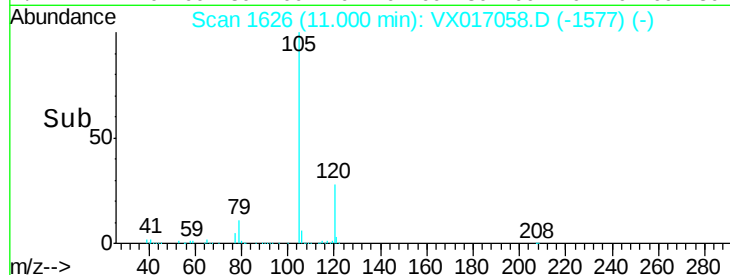
300000

200000

100000

0

Time--> 10.90 10.95 11.00 11.05



#74

N-ethyl acetate

Concen: 53.470 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Tgt Ion: 43 Resp: 296405

Ion Ratio Lower Upper

43 100

70 44.1 34.2 51.2

55 24.4 19.2 28.8

61 24.7 19.6 29.4

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

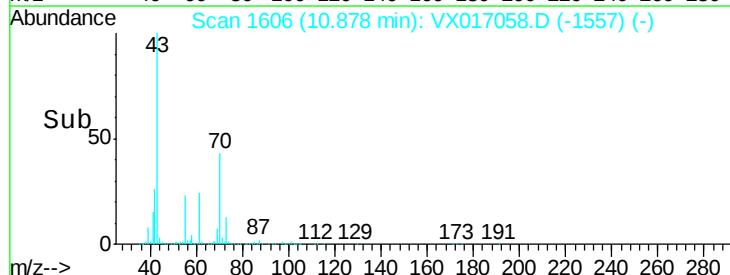
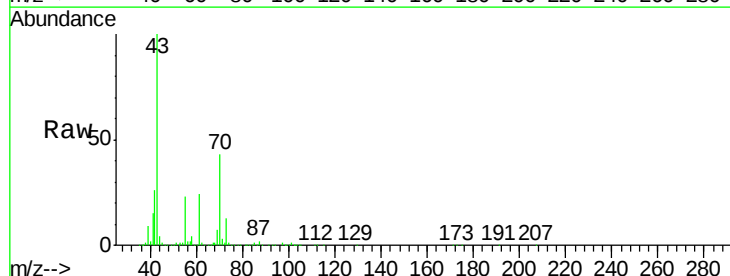
300000

200000

100000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 51.439 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

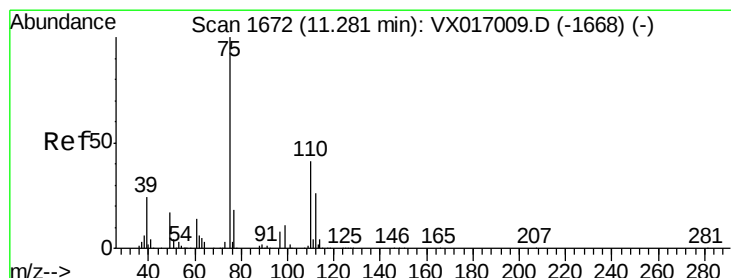
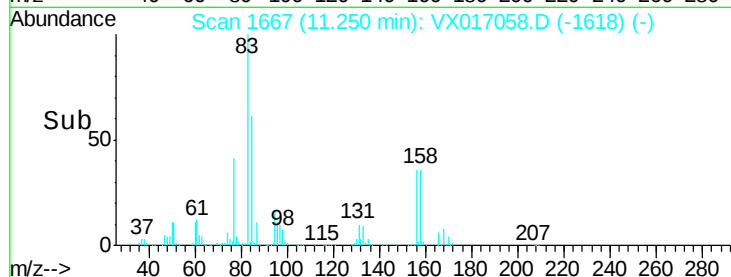
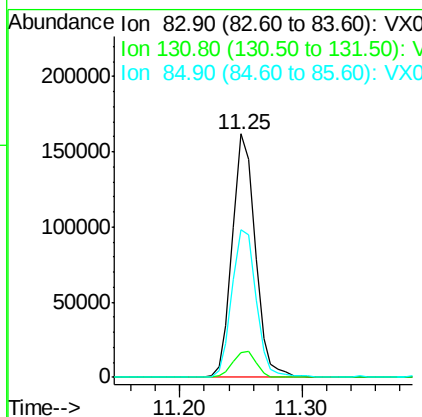
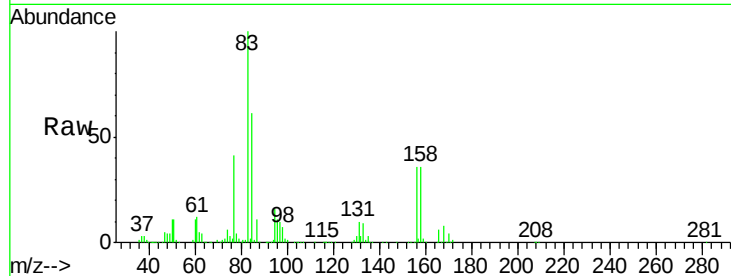
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 210207 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.1  | 5.4   | 16.2   |
| 85        | 64.2  | 31.9  | 95.9   |

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7/1/2020 10:49:45 AM



#76

1,2,3-Trichloropropane

Concen: 52.230 ug/l m

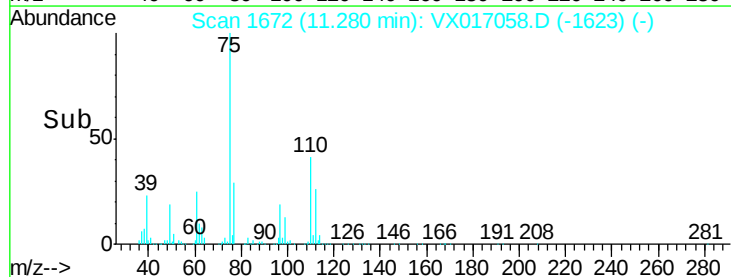
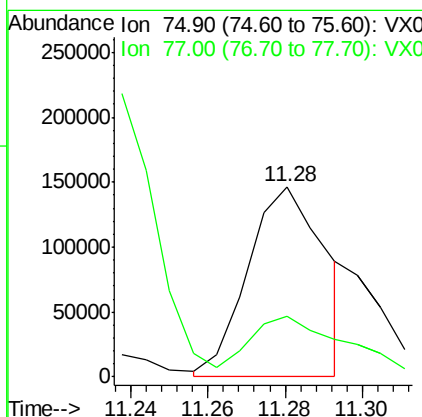
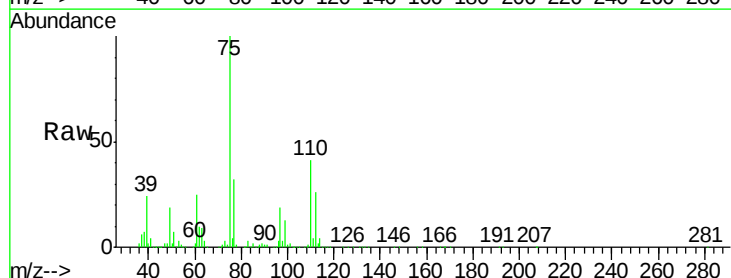
RT: 11.28 min Scan# 1672

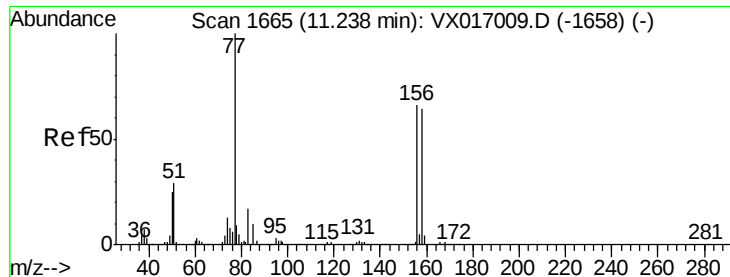
Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 203708 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 40.4  | 20.2  | 60.6   |





#77

Bromobenzene

Concen: 51.606 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

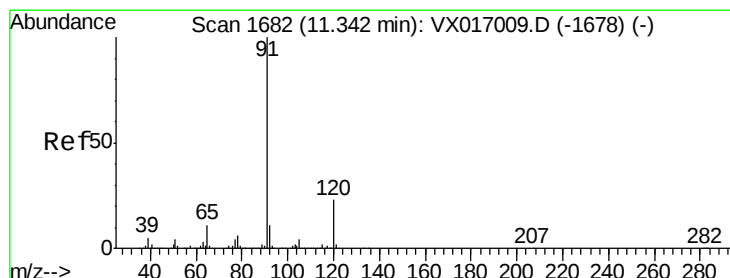
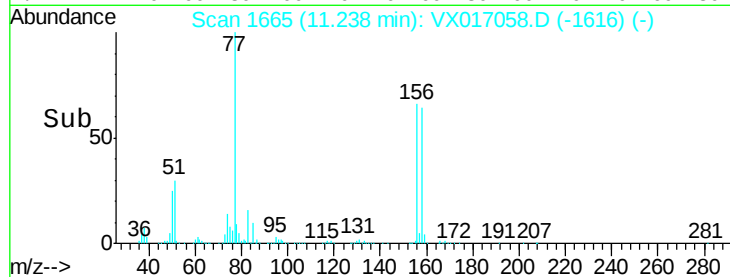
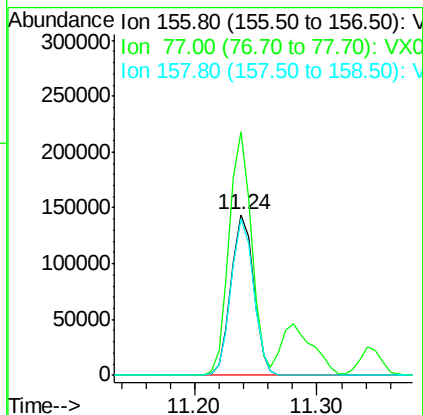
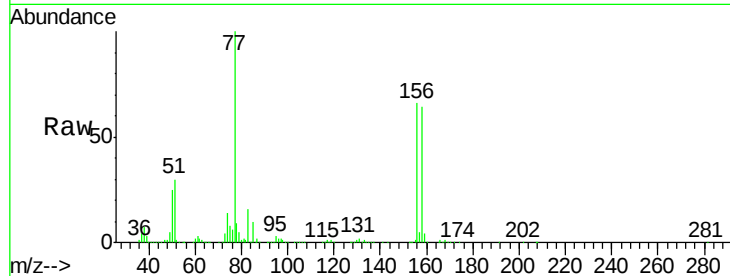
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 184260 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 150.0 | 76.9  | 230.7  |
| 158       | 96.9  | 47.9  | 143.6  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 51.377 ug/l

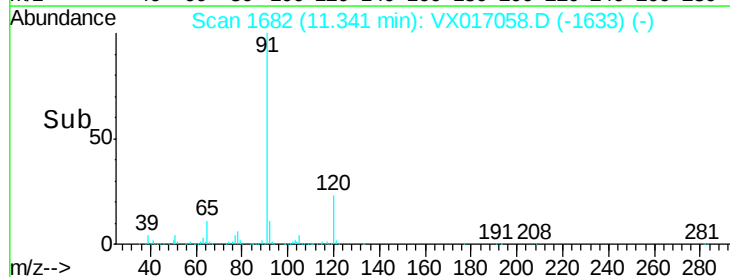
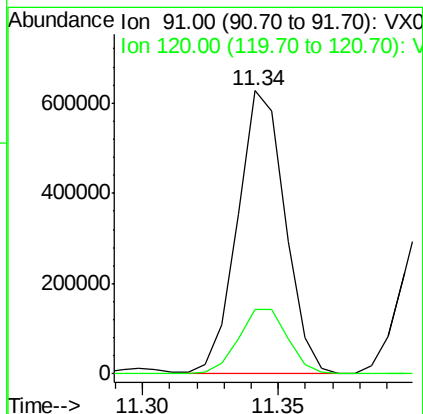
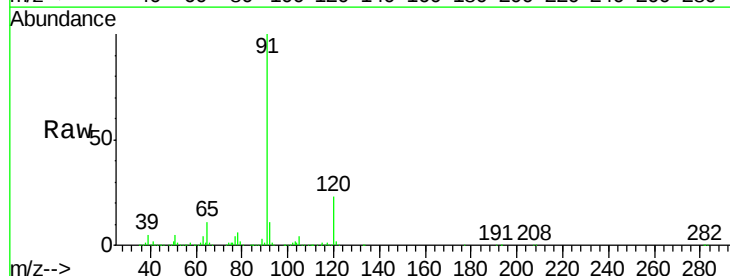
RT: 11.34 min Scan# 1682

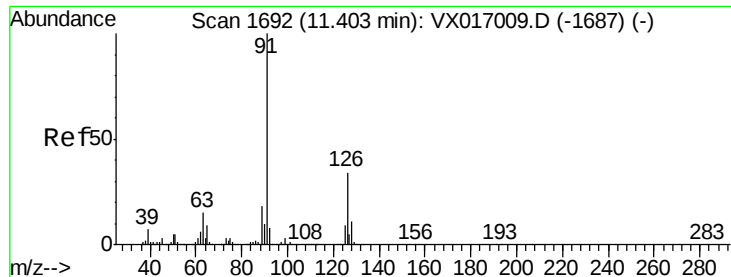
Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 754790 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 24.1  | 11.9  | 35.9   |





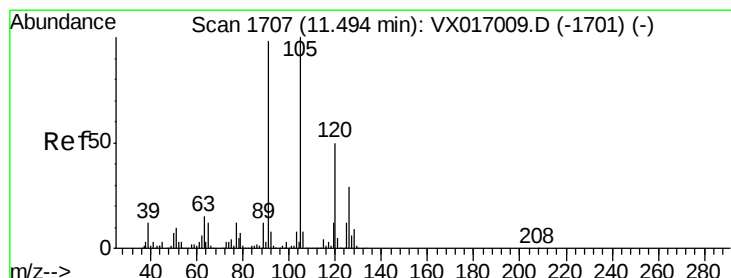
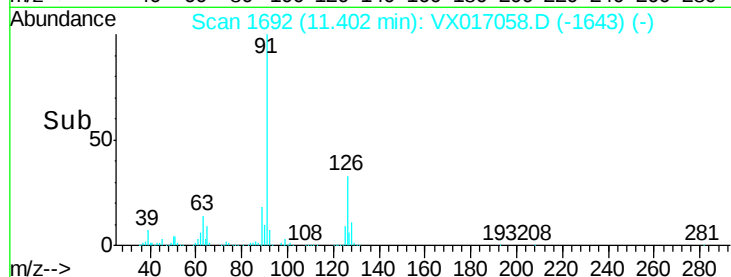
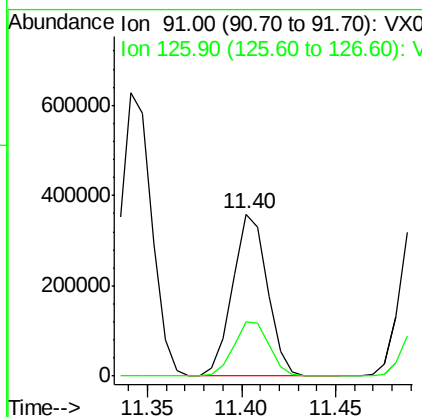
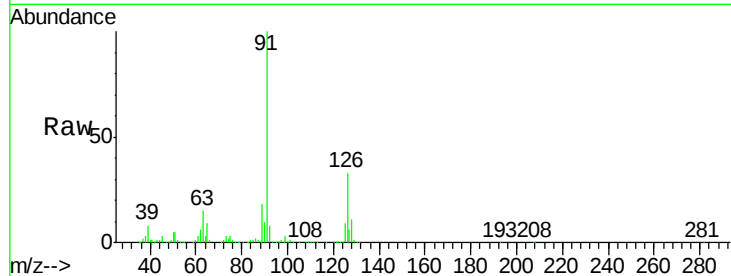
#79  
 2-Chlorotoluene  
 Concen: 51.469 ug/l  
 RT: 11.40 min Scan# 1692  
 Delta R.T. -0.00 min  
 Lab File: VX017058.D  
 Acq: 30 Jun 2020 20:12

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

Tot Ion: 91 Resp: 457622  
 Ion Ratio Lower Upper  
 91 100  
 126 34.5 17.4 52.3

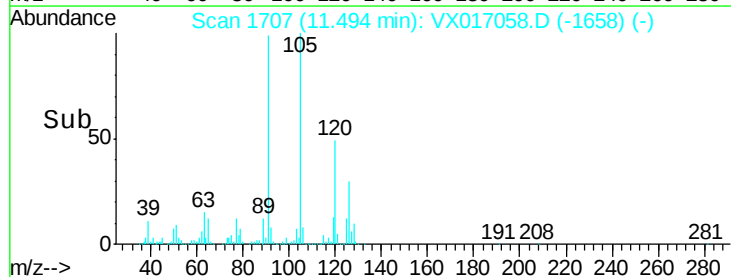
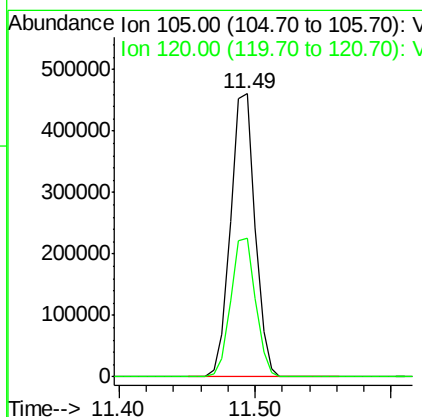
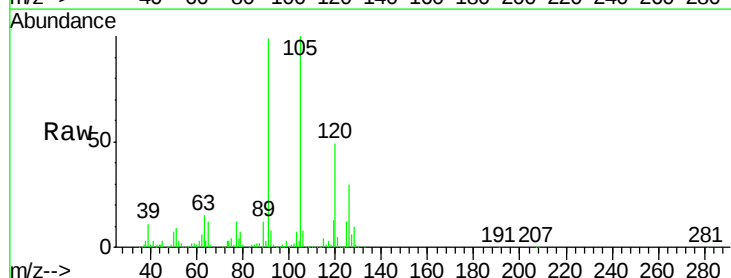
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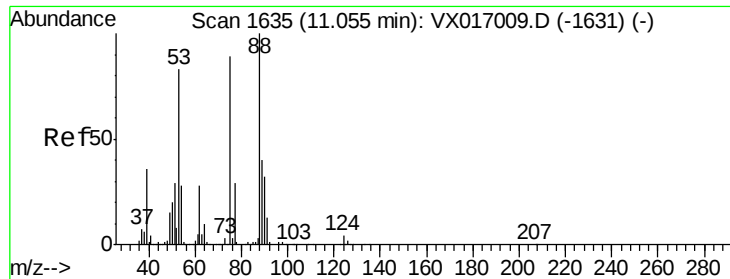
MMDadoda  
 7/1/2020 10:49:45 AM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 53.598 ug/l  
 RT: 11.49 min Scan# 1707  
 Delta R.T. -0.00 min  
 Lab File: VX017058.D  
 Acq: 30 Jun 2020 20:12

Tgt Ion: 105 Resp: 577580  
 Ion Ratio Lower Upper  
 105 100  
 120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.003 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 75309

Ion Ratio Lower Upper

75 100

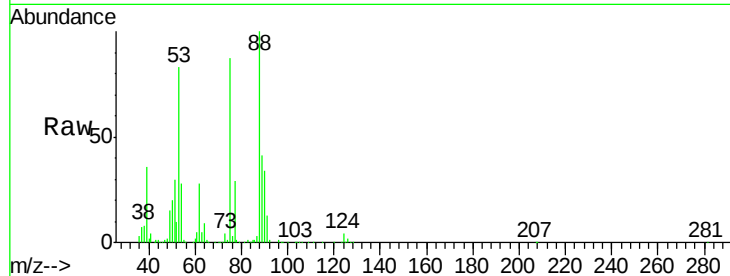
53 93.5 72.4 108.6

89 47.4 37.0 55.4

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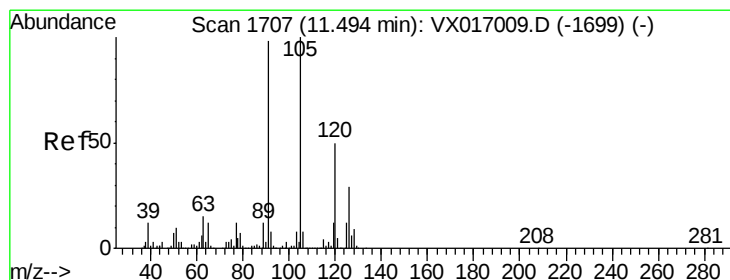
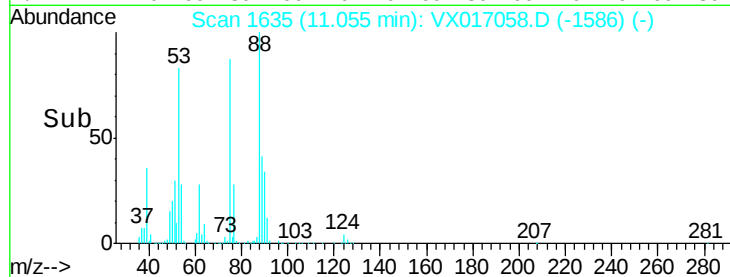
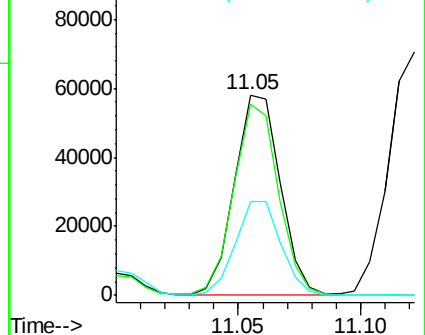
7/1/2020 10:49:45 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.669 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017058.D

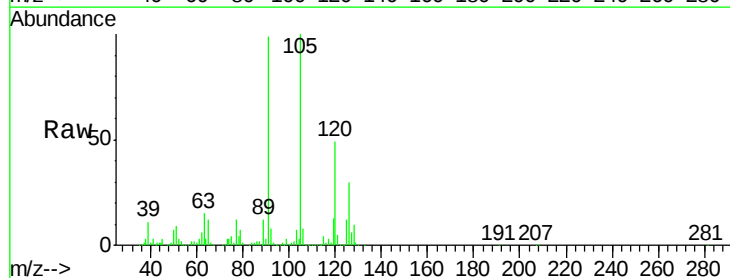
Acq: 30 Jun 2020 20:12

Tgt Ion: 91 Resp: 549184

Ion Ratio Lower Upper

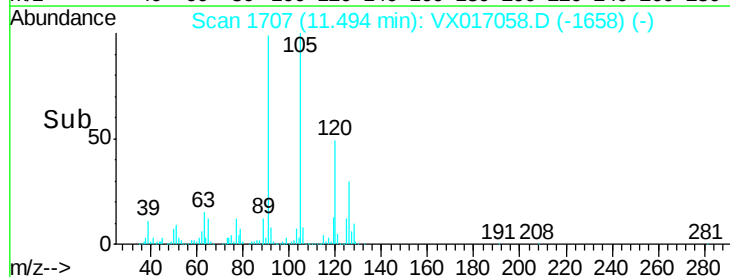
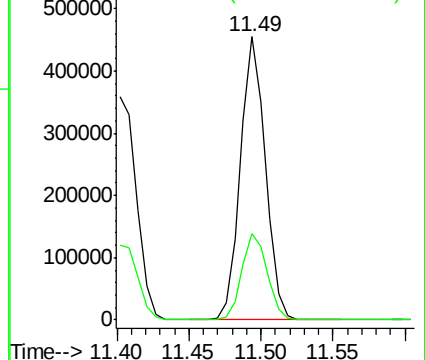
91 100

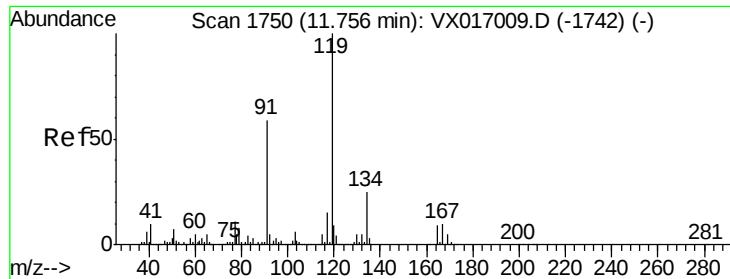
126 31.1 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





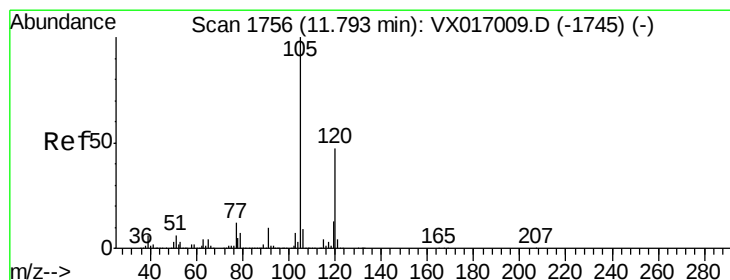
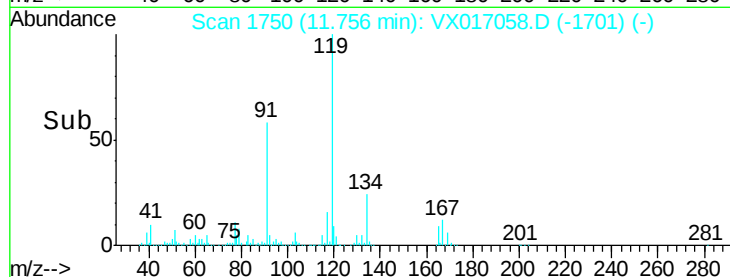
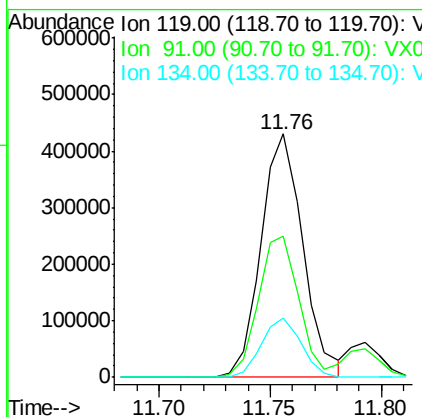
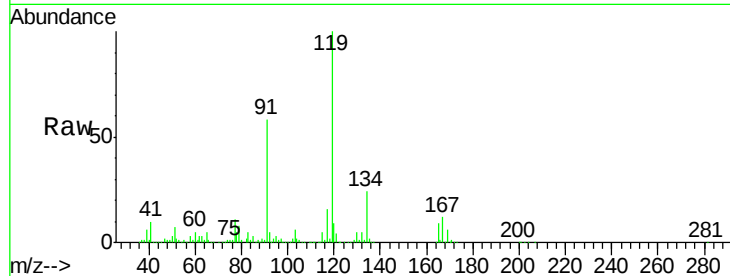
#83  
tert-Butylbenzene  
Concen: 53.241 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 563205 |       |       |
| 91      | 55.9  | 28.3   | 84.9  |       |
| 134     | 23.2  | 11.7   | 35.1  |       |

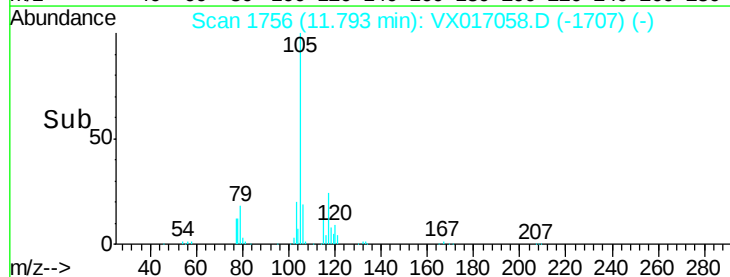
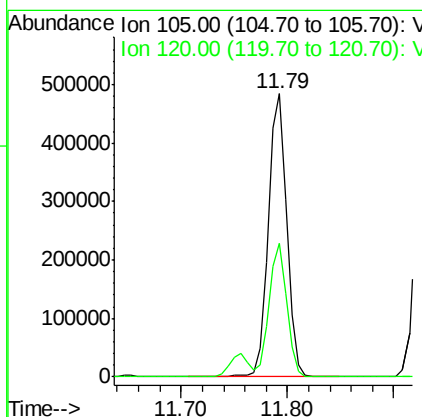
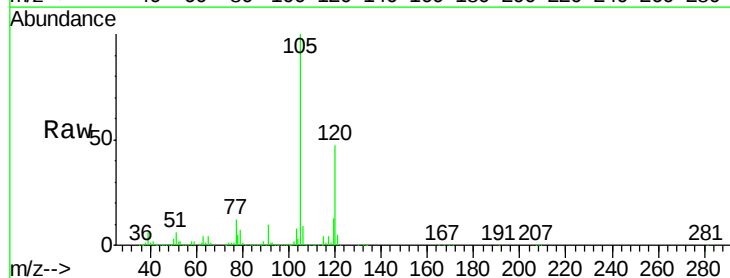
Manual Integrations  
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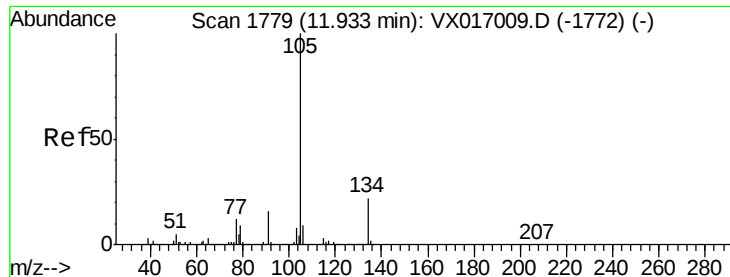
MMDadoda  
7/1/2020 10:49:45 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 53.831 ug/l  
RT: 11.79 min Scan# 1756  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 588496 |       |       |
| 120     | 45.5  | 22.9   | 68.5  |       |





#85

sec-Butylbenzene

Concen: 51.870 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 644977

Ion Ratio Lower Upper

105 100

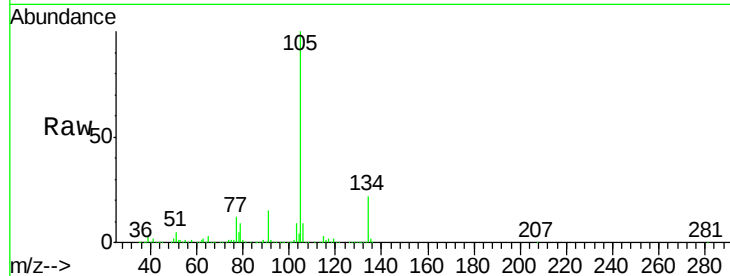
134 20.9 10.5 31.6

Manual Integrations

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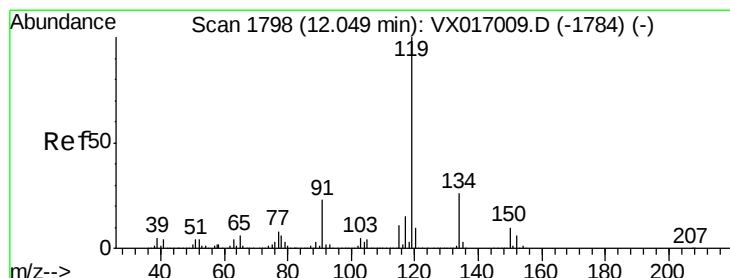
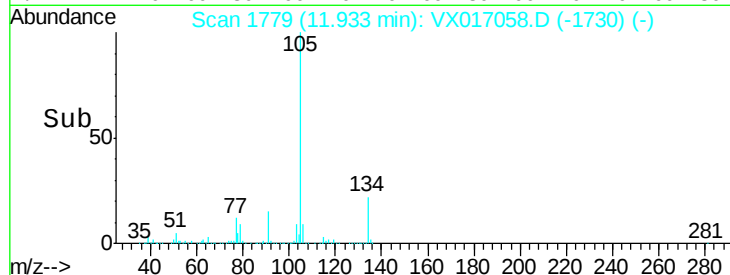
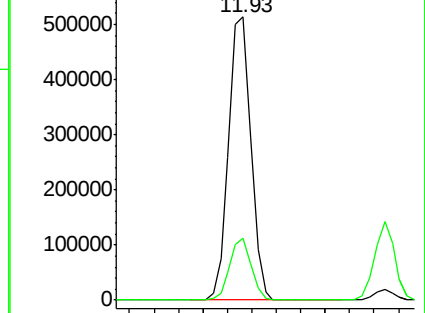
MMDadoda

7/1/2020 10:49:45 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.385 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

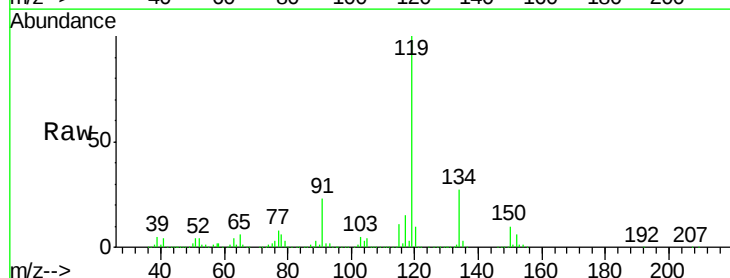
Tgt Ion:119 Resp: 617967

Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

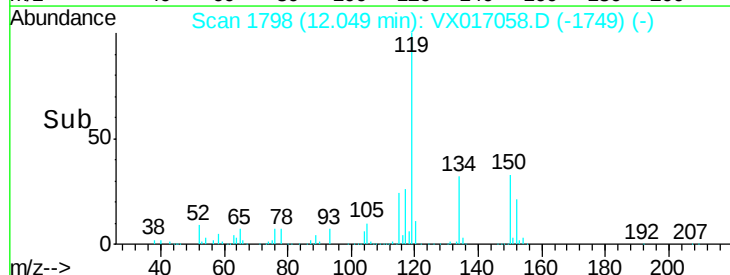
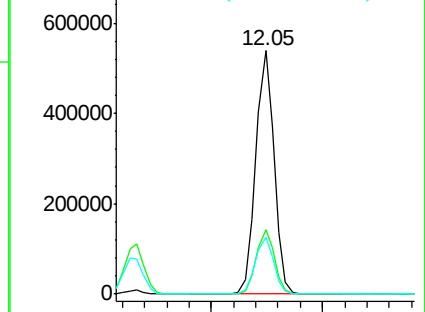
91 23.4 11.8 35.4

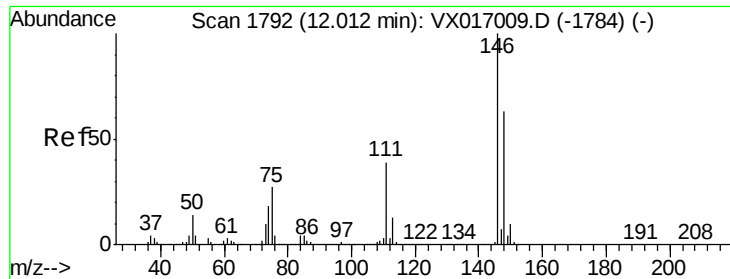


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





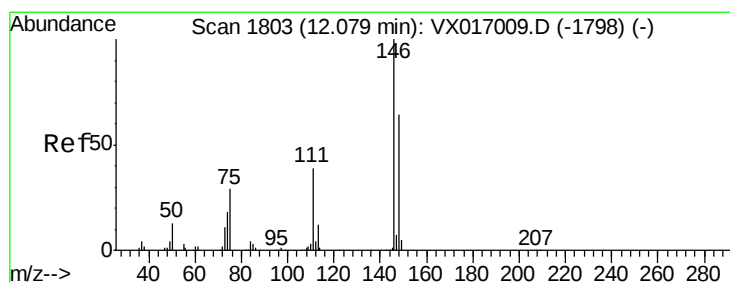
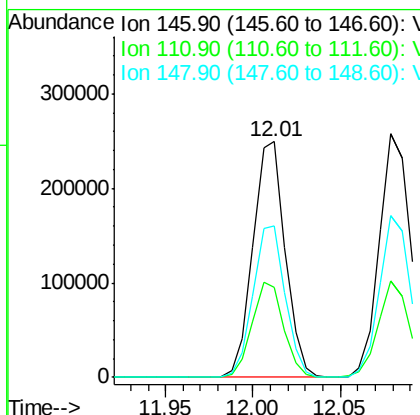
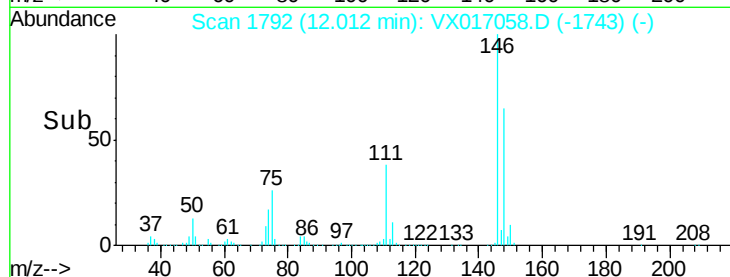
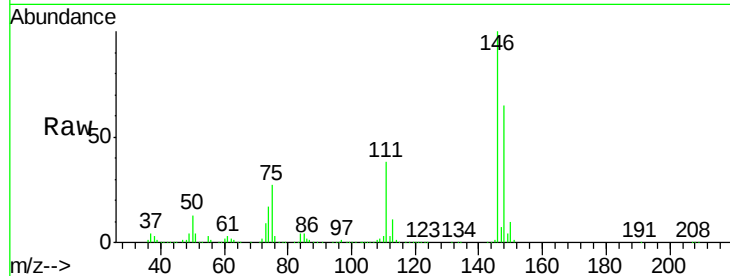
#87  
 1,3-Dichlorobenzene  
 Concen: 49.318 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX017058.D  
 Acq: 30 Jun 2020 20:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.9  | 20.4  | 61.2  |
| 148     | 64.4  | 32.5  | 97.5  |

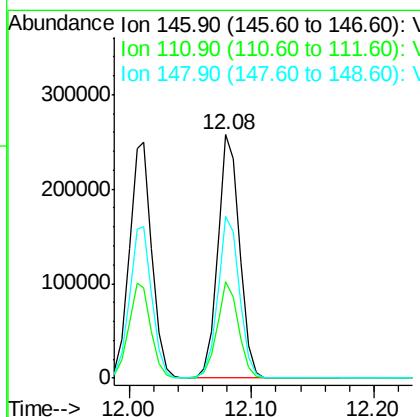
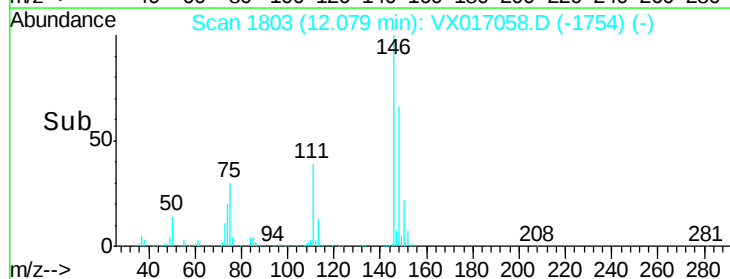
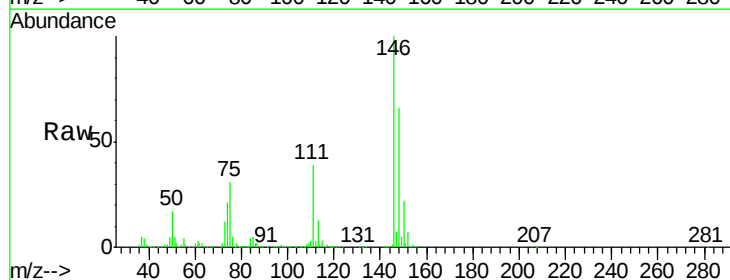
Manual Integrations  
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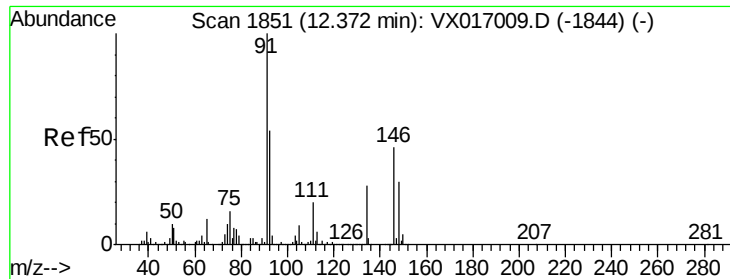
MMDadoda  
 7/1/2020 10:49:45 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 52.154 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. 0.00 min  
 Lab File: VX017058.D  
 Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.9  | 19.5  | 58.5  |
| 148     | 65.8  | 31.9  | 95.7  |





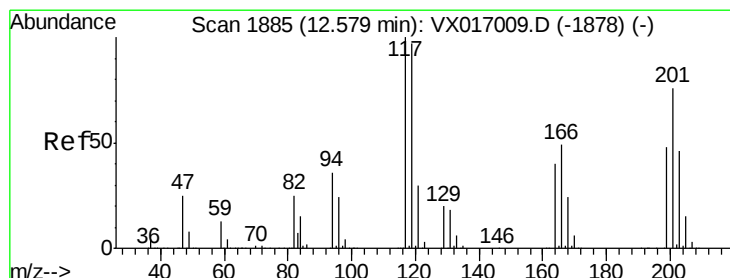
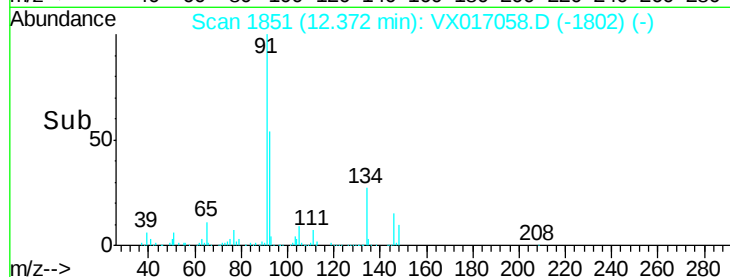
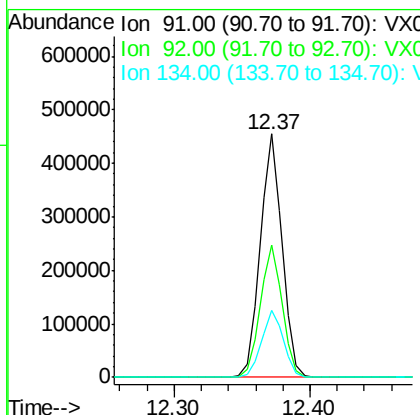
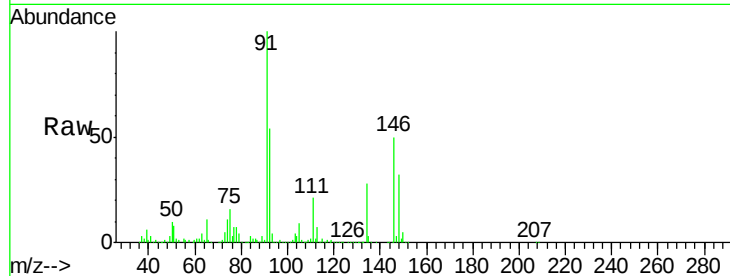
#89  
n-Butylbenzene  
Concen: 49.774 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.4  | 27.2  | 81.6  |
| 134     | 27.7  | 13.6  | 40.7  |

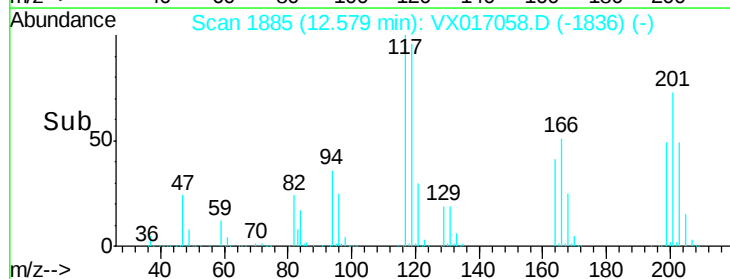
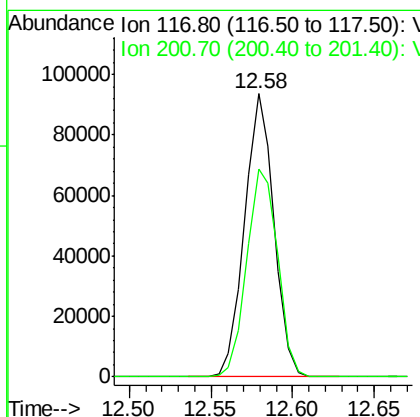
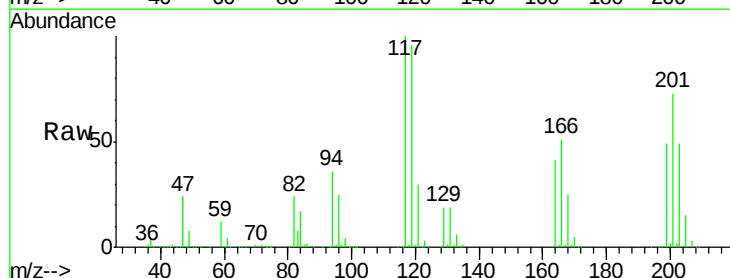
Manual Integrations  
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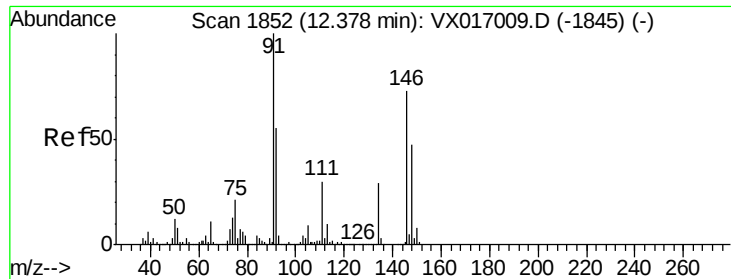
MMDadoda  
7/1/2020 10:49:45 AM



#90  
Hexachloroethane  
Concen: 51.504 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 77.3  | 39.4  | 118.2 |





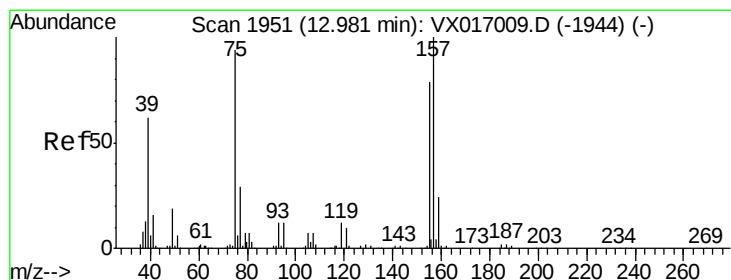
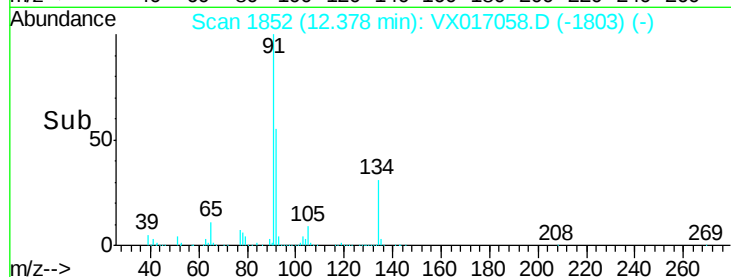
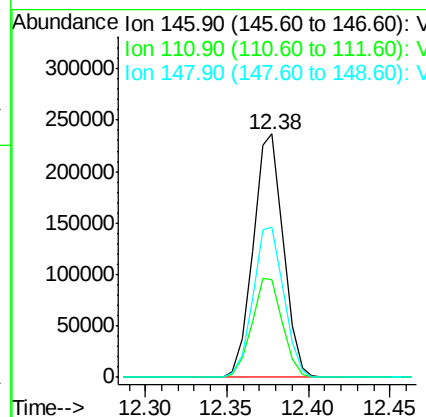
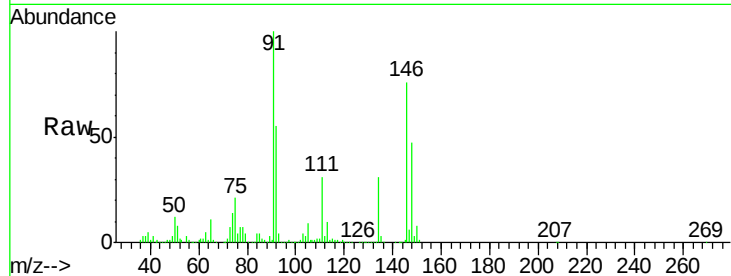
#91  
 1,2-Dichlorobenzene  
 Concen: 50.327 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: VX017058.D  
 Acq: 30 Jun 2020 20:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.3  | 20.6  | 61.9  |
| 148     | 63.1  | 32.4  | 97.2  |

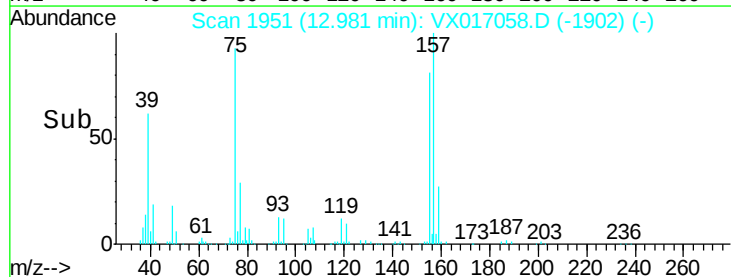
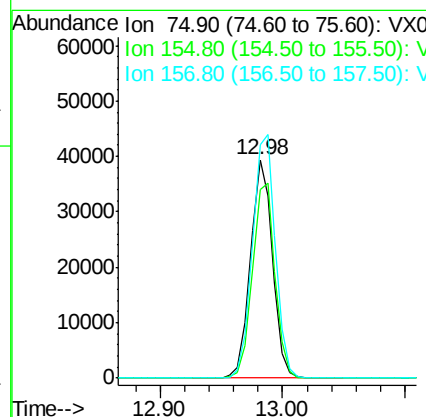
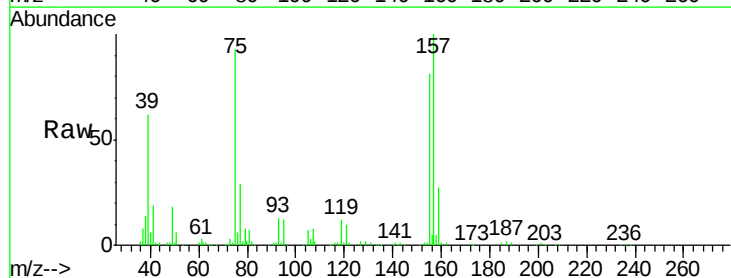
Manual Integrations  
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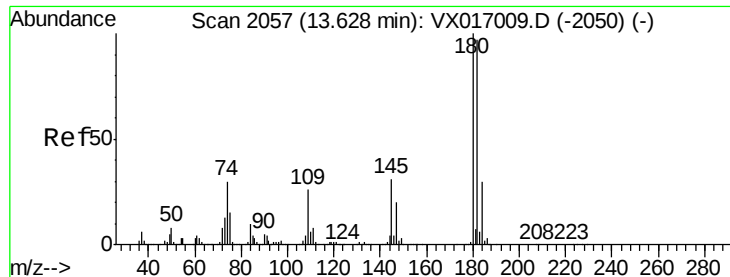
MMDadoda  
 7/1/2020 10:49:45 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.514 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. -0.00 min  
 Lab File: VX017058.D  
 Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 91.4  | 45.1  | 135.2 |
| 157     | 116.3 | 56.5  | 169.3 |





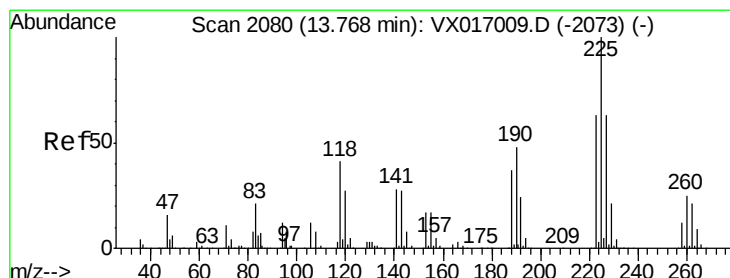
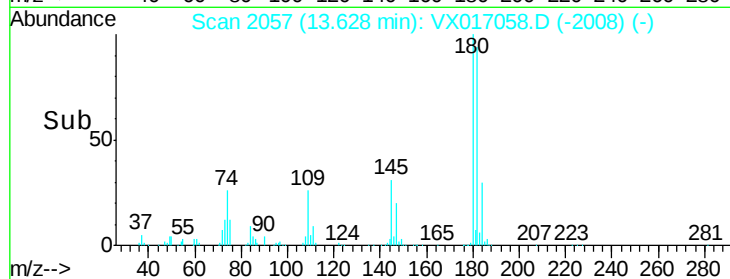
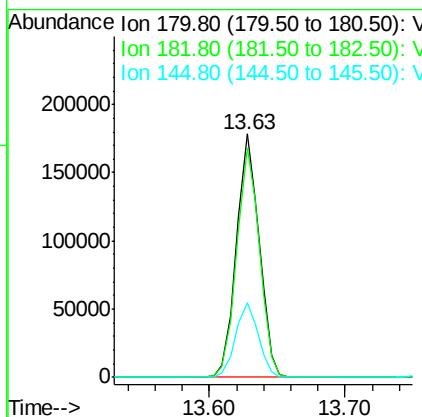
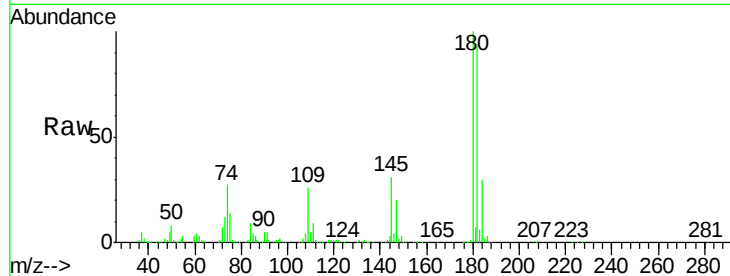
#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.091 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX017058.D  
 Acq: 30 Jun 2020 20:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 207244 |       |       |
| 182     | 94.3  | 47.3   | 141.9 |       |
| 145     | 30.8  | 15.4   | 46.2  |       |

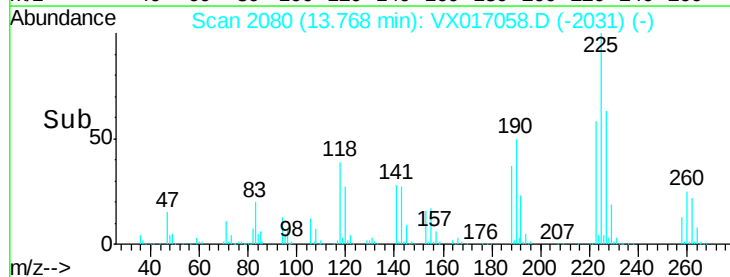
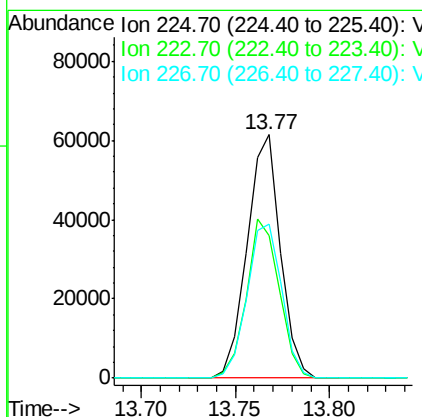
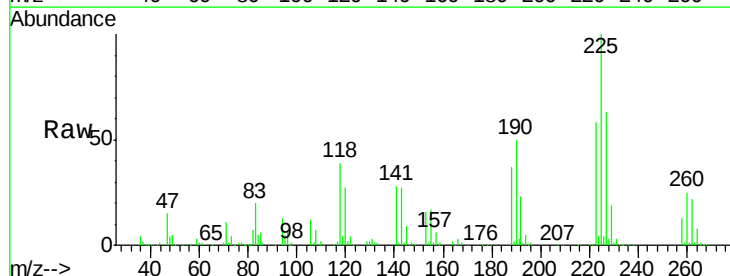
Manual Integrations  
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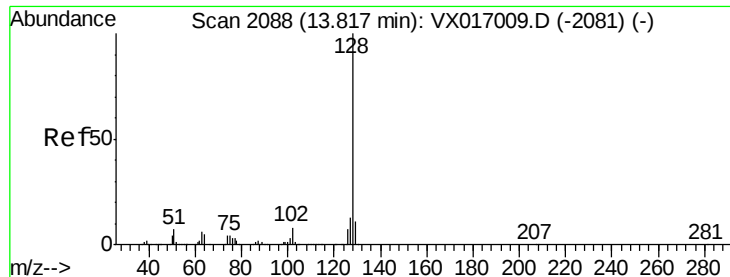
MMDadoda  
 7/1/2020 10:49:45 AM



#94  
 Hexachlorobutadiene  
 Concen: 47.824 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX017058.D  
 Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 75035 |       |       |
| 223     | 64.4  | 32.5  | 97.5  |       |
| 227     | 65.9  | 33.1  | 99.2  |       |





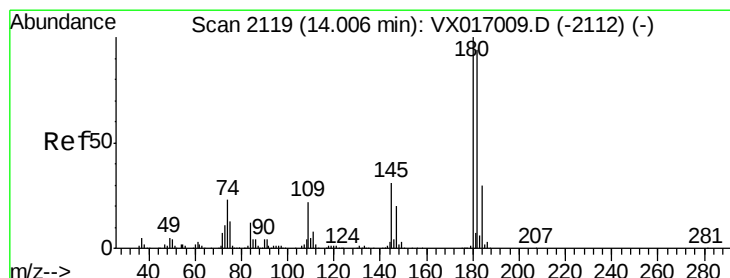
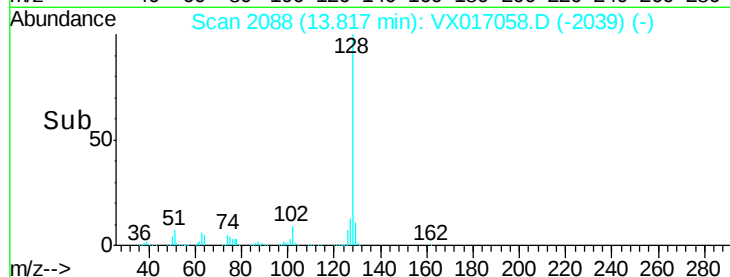
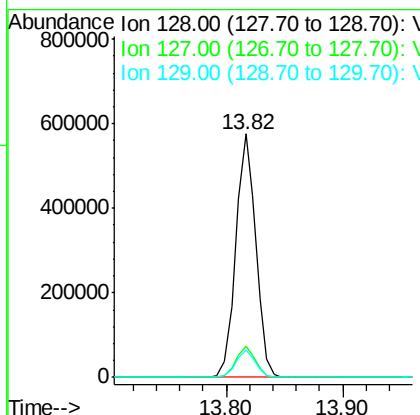
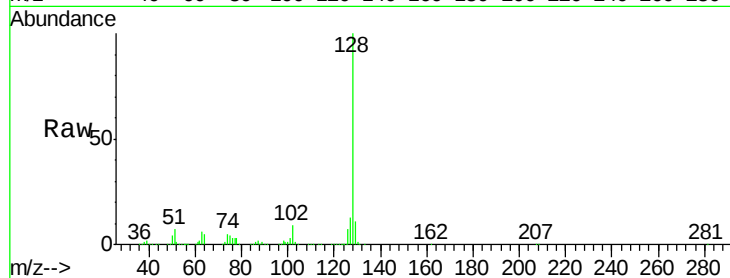
#95  
Naphthalene  
Concen: 54.600 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. -0.00 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.5  | 10.2  | 15.4  |
| 129     | 10.8  | 8.7   | 13.1  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 51.762 ug/l  
RT: 14.00 min Scan# 2118  
Delta R.T. -0.01 min  
Lab File: VX017058.D  
Acq: 30 Jun 2020 20:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 47.1  | 141.4 |
| 145     | 32.1  | 16.6  | 49.7  |

