

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX061120\  
 Data File : VX016709.D  
 Acq On : 11 Jun 2020 17:05  
 Operator : JC/SP  
 Sample : L2963-18MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF014RW131-200608MS

Manual Integrations  
 APPROVED

MMDadoda  
 6/12/2020 5:45:30 PM

Quant Time: Jun 12 07:41:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052720W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 27 16:31:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 209893   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 318100   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 302412   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 160308   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 126245   | 48.43 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.86%  |      |
| 35) Dibromofluoromethane  | 5.47   | 113 | 103745   | 52.97 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.94% |      |
| 50) Toluene-d8            | 8.70   | 98  | 380335   | 49.89 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.78%  |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 149998   | 50.92 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.84% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 86704   | 41.976  | ug/l | 98     |
| 3) Chloromethane              | 1.31 | 50  | 95191   | 38.135  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.39 | 62  | 138049  | 52.296  | ug/l | 100    |
| 5) Bromomethane               | 1.62 | 94  | 60172   | 46.881  | ug/l | 100    |
| 6) Chloroethane               | 1.70 | 64  | 71578   | 46.483  | ug/l | 95     |
| 7) Trichlorofluoromethane     | 1.91 | 101 | 177799  | 51.287  | ug/l | 96     |
| 8) Diethyl Ether              | 2.17 | 74  | 67622   | 46.779  | ug/l | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 95531   | 50.069  | ug/l | 96     |
| 10) Methyl Iodide             | 2.49 | 142 | 101841  | 45.001  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.02 | 59  | 148434  | 222.069 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 97970   | 48.509  | ug/l | 98     |
| 13) Acrolein                  | 2.27 | 56  | 67915   | 238.856 | ug/l | 98     |
| 14) Allyl chloride            | 2.70 | 41  | 156296  | 42.081  | ug/l | 96     |
| 15) Acrylonitrile             | 3.12 | 53  | 317529  | 231.908 | ug/l | 100    |
| 16) Acetone                   | 2.42 | 43  | 266760  | 233.588 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.55 | 76  | 244420  | 40.753  | ug/l | 99     |
| 18) Methyl Acetate            | 2.75 | 43  | 140474  | 47.959  | ug/l | 95     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 361325  | 49.823  | ug/l | 95     |
| 20) Methylene Chloride        | 2.83 | 84  | 112585  | 47.650  | ug/l | 95     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 106207  | 47.543  | ug/l | 94     |
| 22) Diisopropyl ether         | 3.82 | 45  | 313785  | 43.978  | ug/l | 97     |
| 23) Vinyl Acetate             | 3.78 | 43  | 1359316 | 217.651 | ug/l | 97     |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 189444  | 47.042  | ug/l | 99     |
| 25) 2-Butanone                | 4.64 | 43  | 426142  | 220.218 | ug/l | 94     |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 164539  | 49.931  | ug/l | 90     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 333136  | 128.904 | ug/l | 91     |
| 28) Bromochloromethane        | 4.98 | 49  | 78996   | 42.212  | ug/l | 83     |
| 29) Tetrahydrofuran           | 5.09 | 42  | 271735  | 217.360 | ug/l | 93     |
| 30) Chloroform                | 5.18 | 83  | 204187  | 50.320  | ug/l | 97     |
| 31) Cyclohexane               | 5.55 | 56  | 145074  | 40.043  | ug/l | 93     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 188424  | 51.290  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 141132  | 46.860  | ug/l | 98     |
| 37) Ethyl Acetate             | 4.79 | 43  | 155822  | 43.093  | ug/l | 97     |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 165976  | 52.440  | ug/l | 99     |

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 Sample : L2963-18MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF014RW131-200608MS

Manual Integrations  
 APPROVED

MMDadoda  
 6/12/2020 5:45:30 PM

Quant Time: Jun 12 07:41:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052720W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 27 16:31:05 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 147489   | 45.085  | ug/l   | 96       |
| 40) Benzene                    | 6.12  | 78   | 432367   | 48.207  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.01  | 41   | 86683    | 43.643  | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 159810   | 50.103  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.41  | 43   | 247903   | 43.953  | ug/l   | 97       |
| 44) Trichloroethene            | 7.19  | 130  | 139127   | 48.891  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 108879   | 47.685  | ug/l   | 99       |
| 46) Dibromomethane             | 7.64  | 93   | 77482    | 50.522  | ug/l   | 96       |
| 47) Bromodichloromethane       | 7.88  | 83   | 164446   | 51.786  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.74  | 41   | 122053   | 45.196  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 57061    | 902.876 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 815412   | 232.183 | ug/l   | 97       |
| 52) Toluene                    | 8.76  | 92   | 280400   | 49.577  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 181218   | 50.187  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 184251   | 48.208  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 119128   | 52.975  | ug/l   | 94       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 179170   | 48.922  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 193349   | 50.092  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.48  | 43   | 637174   | 233.305 | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.57  | 129  | 140771   | 55.626  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 124524   | 51.711  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 155183   | 45.867  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.12 | 112  | 383705   | 62.236  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 124274   | 52.804  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.24 | 91   | 537228   | 48.941  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.34 | 106  | 409142   | 100.528 | ug/l   | 100      |
| 69) o-Xylene                   | 10.68 | 106  | 195725   | 49.657  | ug/l   | 98       |
| 70) Stvrene                    | 10.70 | 104  | 354637   | 52.345  | ug/l   | 99       |
| 71) Bromoform                  | 10.84 | 173  | 110643   | 55.627  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 526852   | 47.432  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 206435   | 40.405  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 147763   | 53.081  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 166420m  | 47.229  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 142661   | 48.969  | ug/l   | 95       |
| 78) n-propylbenzene            | 11.34 | 91   | 582867   | 46.970  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.41 | 91   | 360144   | 47.546  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 450296   | 48.552  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 64002    | 44.680  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 431246   | 48.212  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 396084   | 49.981  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 460470   | 49.093  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 482728   | 48.558  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 464221   | 49.850  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 249749   | 49.483  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 256525   | 49.695  | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.37 | 91   | 371239   | 47.861  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 82882    | 51.527  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 246219   | 50.352  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 43064    | 47.760  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene     | 13.63 | 180  | 164212   | 50.564  | ug/l   | 98       |

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Sample : L2963-18MS  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
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LF014RW131-200608MS

Manual Integrations  
APPROVED

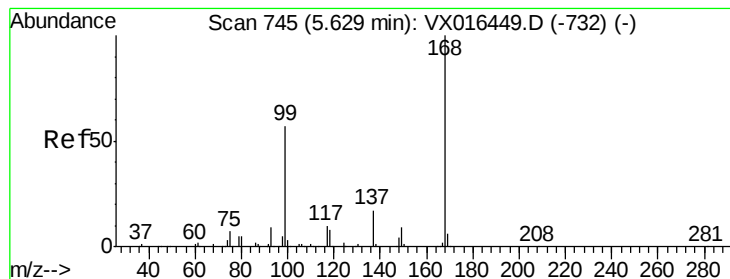
MMDadoda  
6/12/2020 5:45:30 PM

Quant Time: Jun 12 07:41:37 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052720W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 27 16:31:05 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 94) Hexachlorobutadiene    | 13.77 | 225  | 68238    | 53.517 | ug/l  | 97       |
| 95) Naphthalene            | 13.82 | 128  | 558102   | 50.130 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 159985   | 50.284 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

LF014RW131-200608MS

Tot Ion:168 Resp: 209893

Ion Ratio Lower Upper

168 100

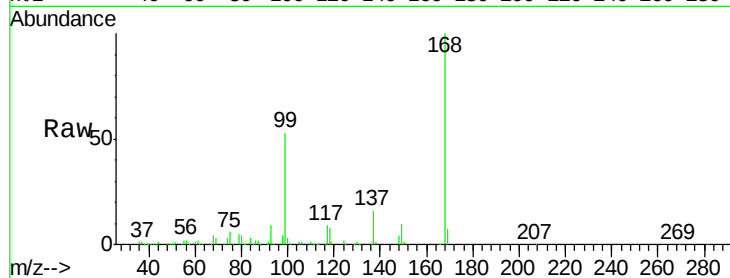
99 52.8 45.2 67.8

Manual Integrations

APPROVED

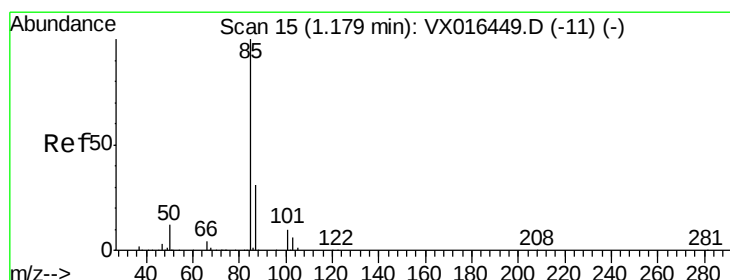
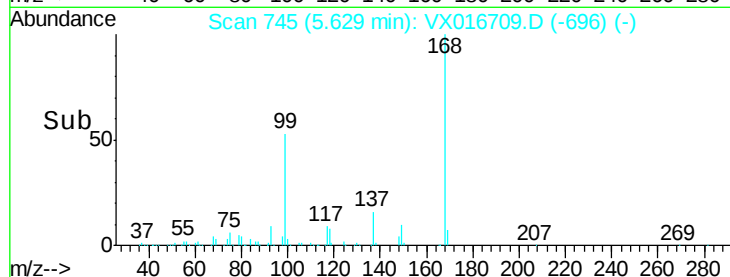
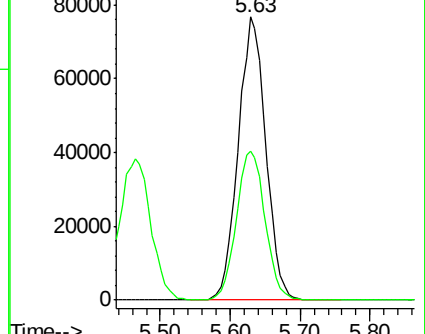
MMDadoda

6/12/2020 5:45:30 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 41.976 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX016709.D

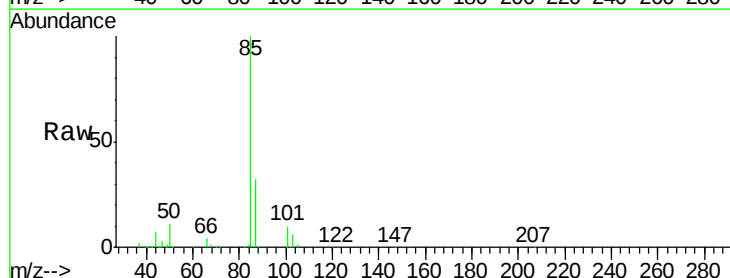
Acq: 11 Jun 2020 17:05

Tgt Ion: 85 Resp: 86704

Ion Ratio Lower Upper

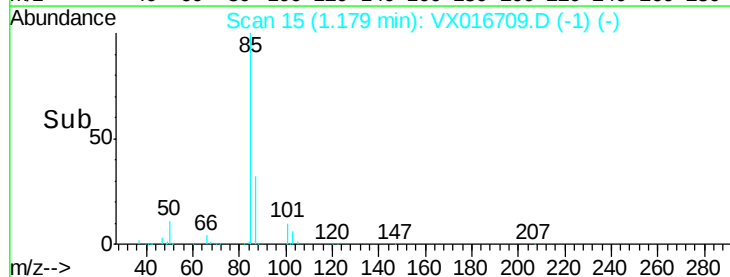
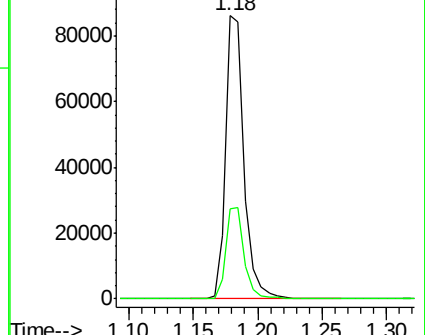
85 100

87 32.0 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 38.135 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

LF014RW131-200608MS

Tot Ion: 50 Resp: 95191

Ion Ratio Lower Upper

50 100

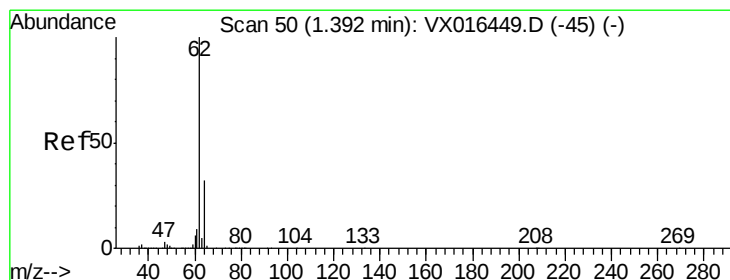
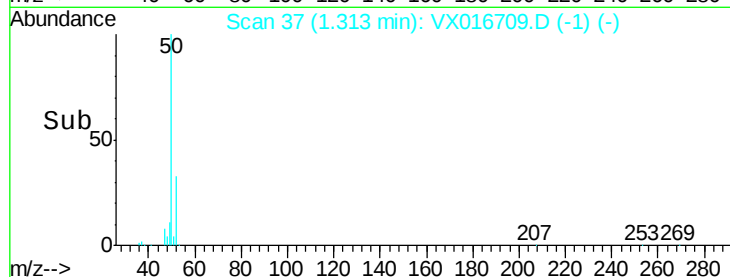
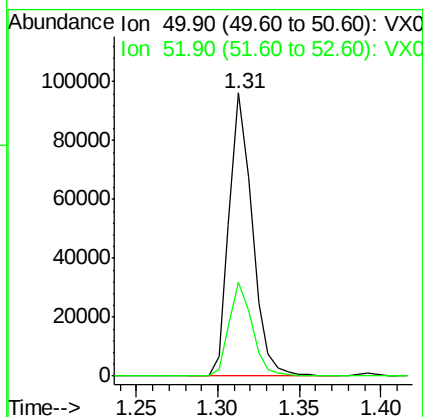
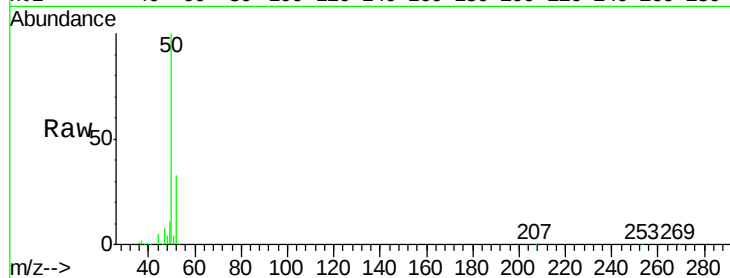
52 33.2 26.2 39.2

Manual Integrations

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6/12/2020 5:45:30 PM



#4

Vinyl Chloride

Concen: 52.296 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016709.D

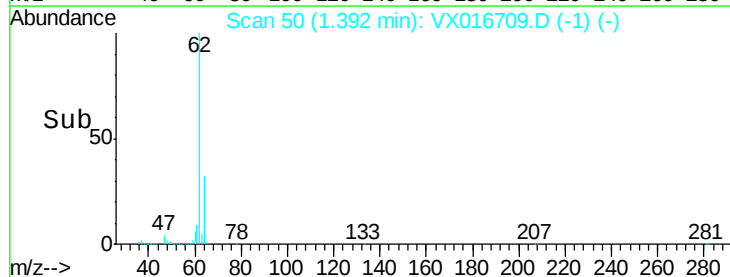
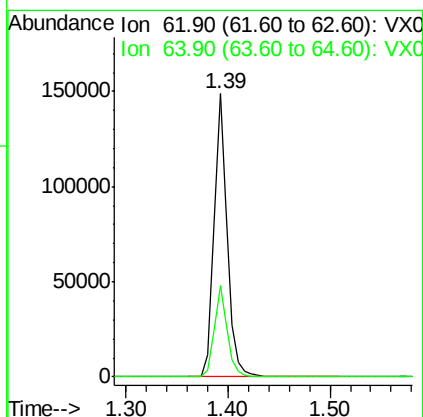
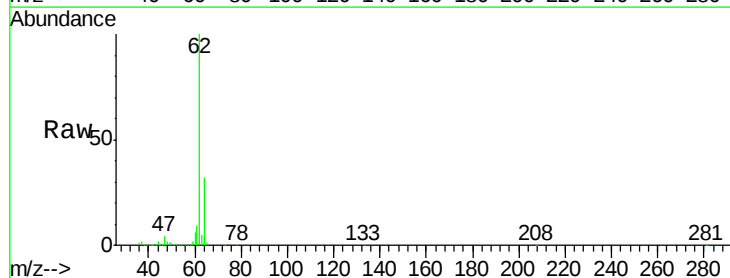
Acq: 11 Jun 2020 17:05

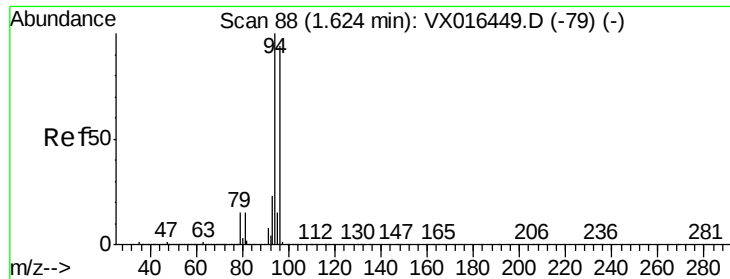
Tgt Ion: 62 Resp: 138049

Ion Ratio Lower Upper

62 100

64 32.2 25.9 38.9





#5

Bromomethane

Concen: 46.881 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

LF014RW131-200608MS

Tot Ion: 94 Resp: 60172

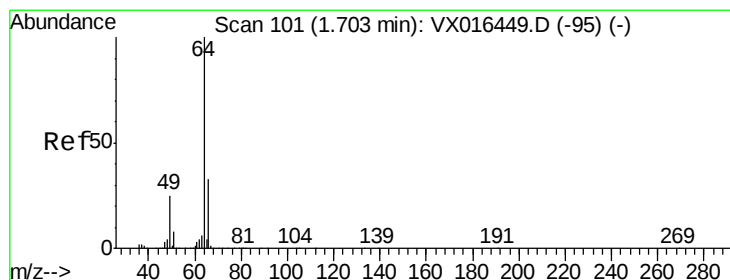
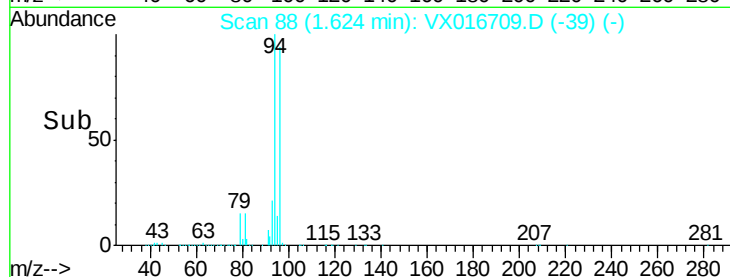
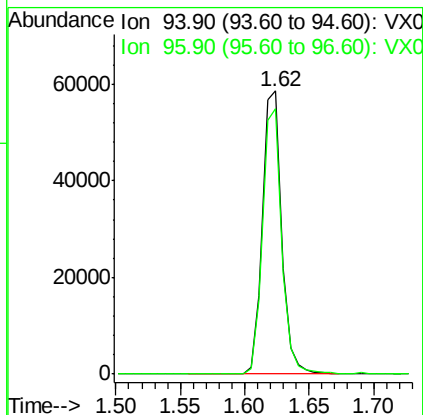
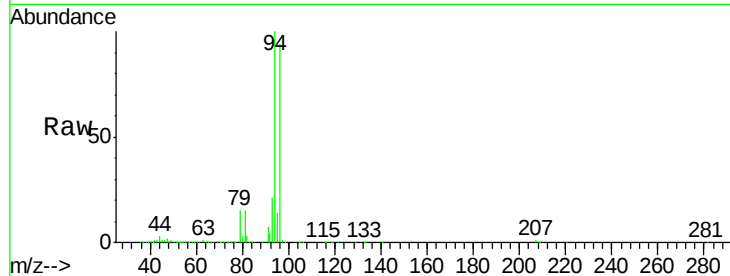
Ion Ratio Lower Upper

94 100

96 93.8 75.1 112.7

Manual Integrations  
APPROVED

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6/12/2020 5:45:30 PM



#6

Chloroethane

Concen: 46.483 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016709.D

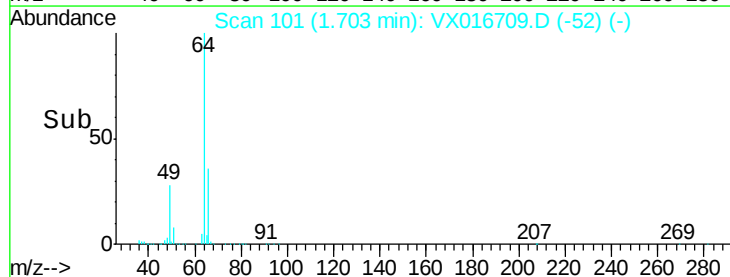
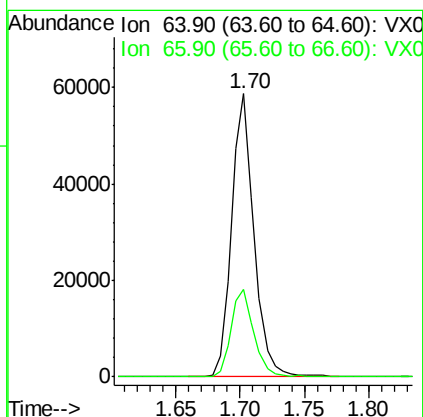
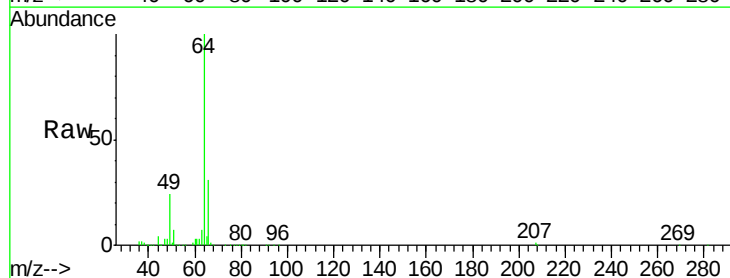
Acq: 11 Jun 2020 17:05

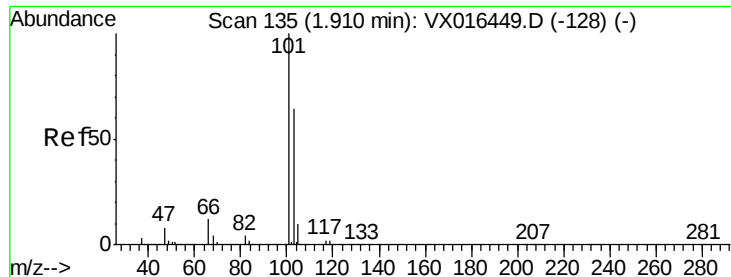
Tgt Ion: 64 Resp: 71578

Ion Ratio Lower Upper

64 100

66 30.7 26.7 40.1





#7

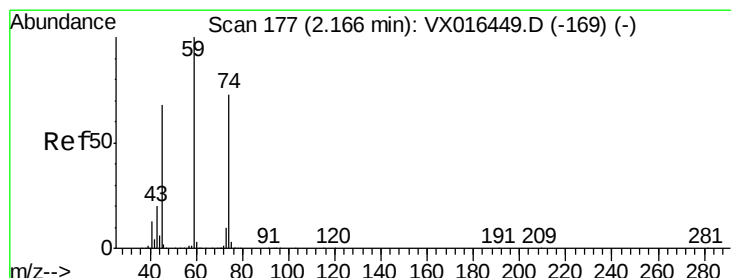
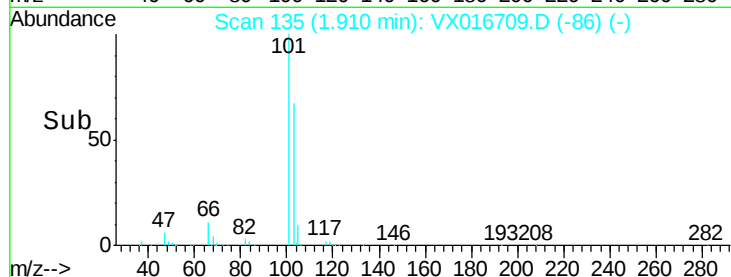
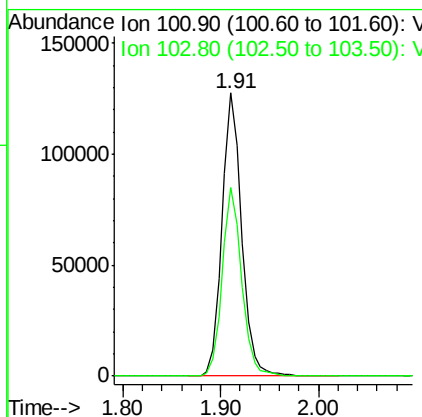
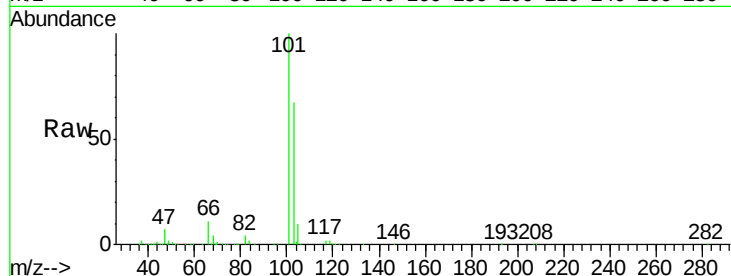
Trichlorofluoromethane  
Concen: 51.287 ug/l  
RT: 1.91 min Scan# 135  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 101     | 100  |       | 177799 |       |       |
| 103     | 66.8 | 50.9  | 76.3   |       |       |

Manual Integrations  
APPROVED

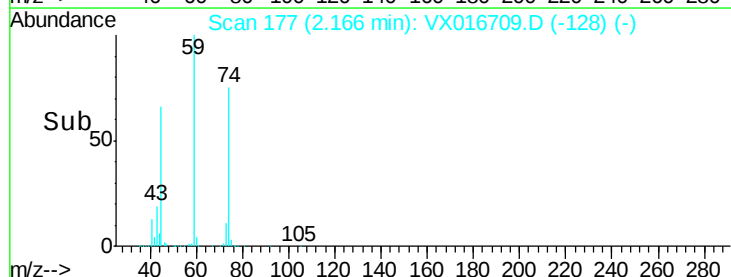
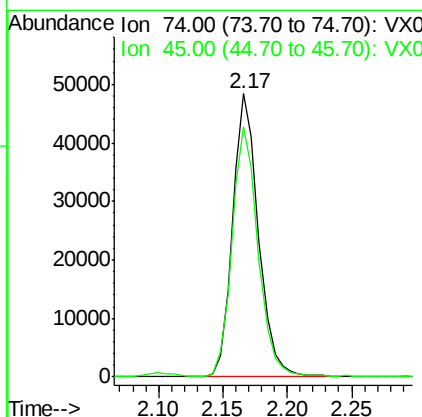
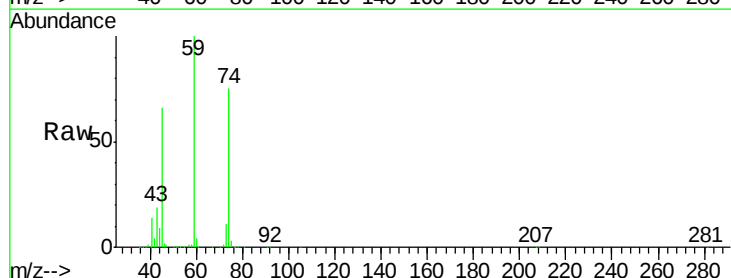
MMDadoda  
6/12/2020 5:45:30 PM



#8

Diethyl Ether  
Concen: 46.779 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 74      | 100  |       | 67622 |       |       |
| 45      | 88.3 | 47.5  | 142.5 |       |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.069 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

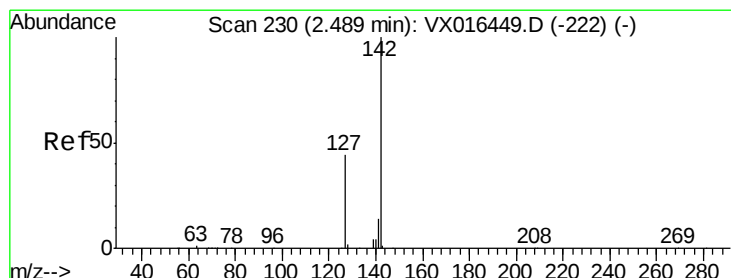
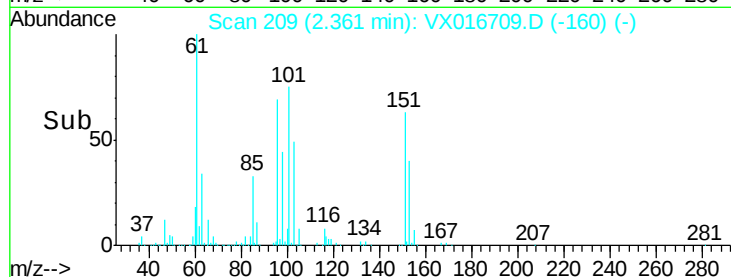
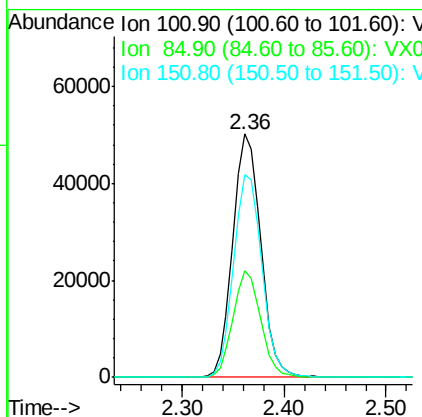
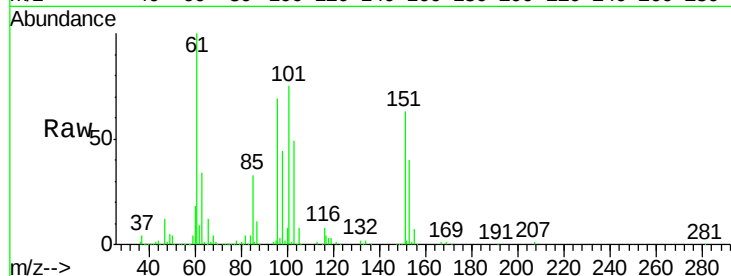
ClientSampleId :

LF014RW131-200608MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 95531 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.2  | 34.4  | 51.6  |
| 151       | 84.5  | 63.8  | 95.6  |

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#10

Methyl Iodide

Concen: 45.001 ug/l

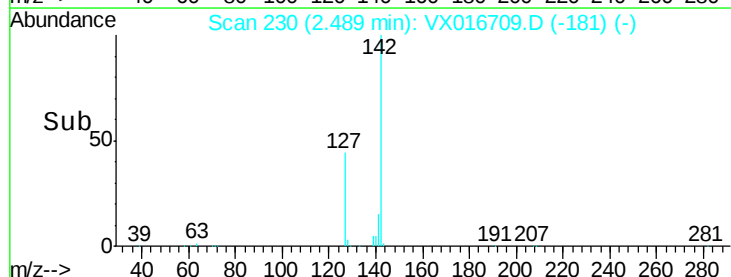
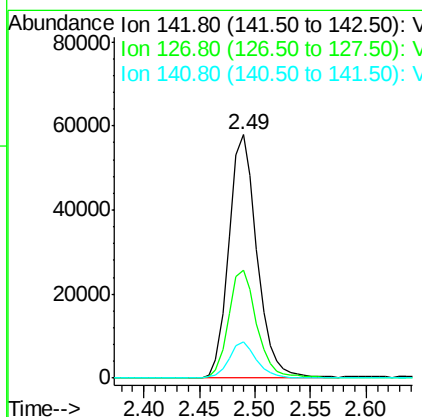
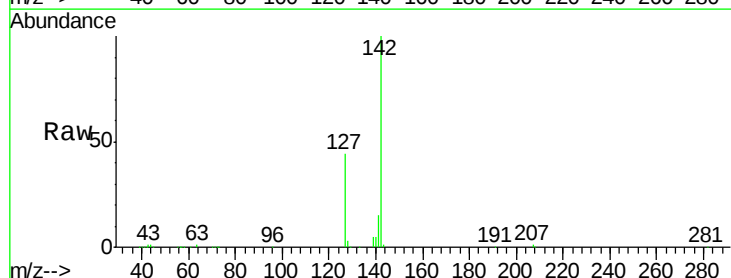
RT: 2.49 min Scan# 230

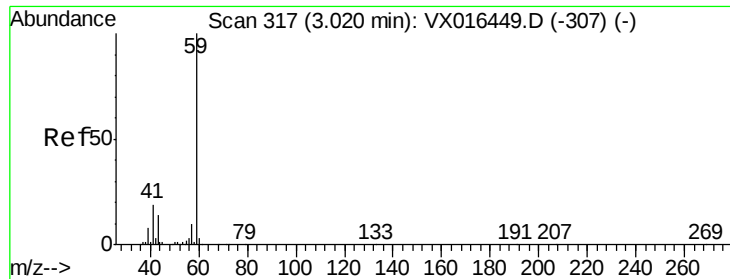
Delta R.T. 0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 101841 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 44.7  | 35.3  | 52.9   |
| 141       | 14.4  | 11.4  | 17.2   |





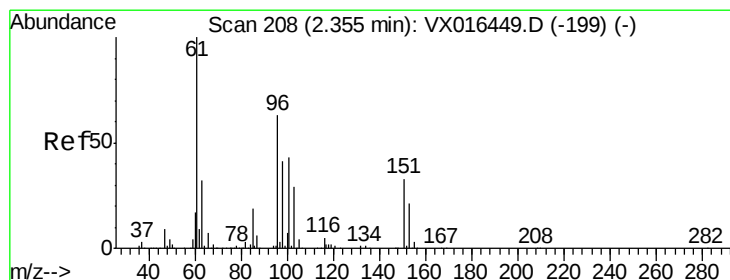
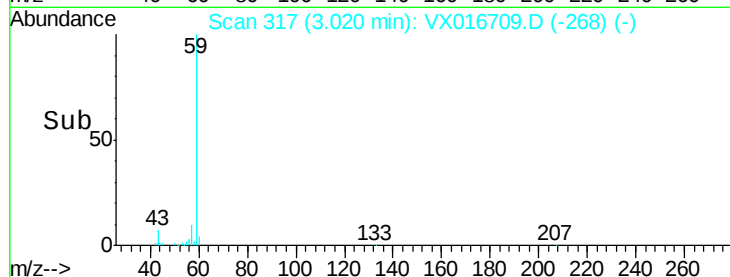
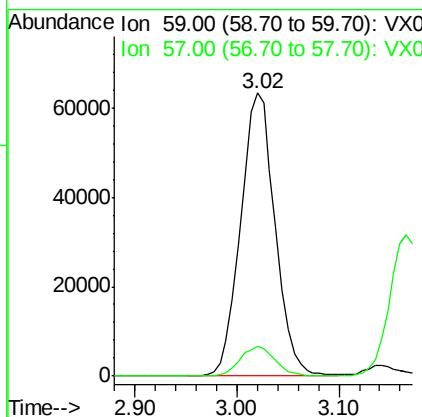
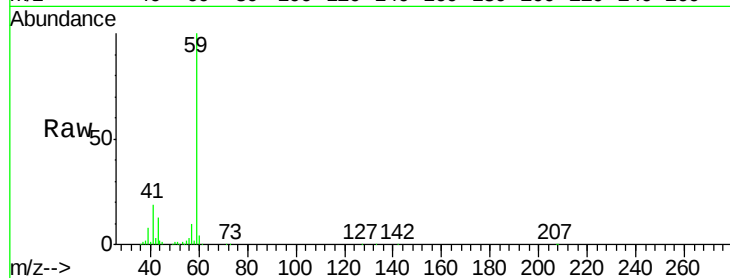
#11  
Tert butyl alcohol  
Concen: 222.069 ug/l  
RT: 3.02 min Scan# 317  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.6  | 8.2   | 12.4  |

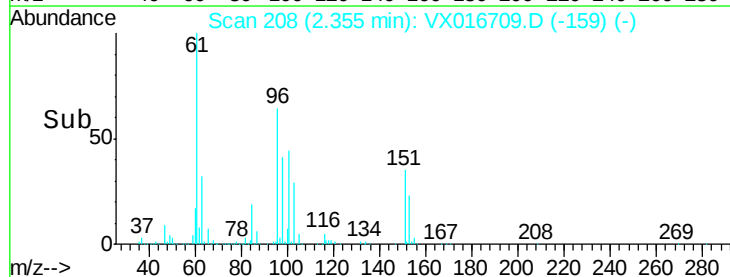
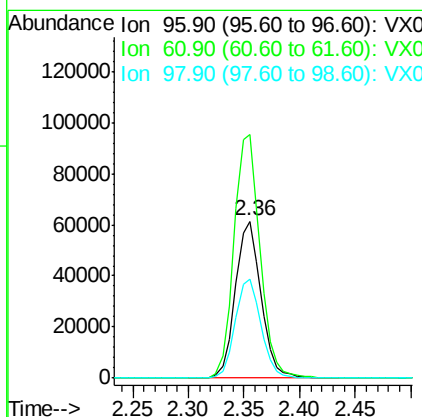
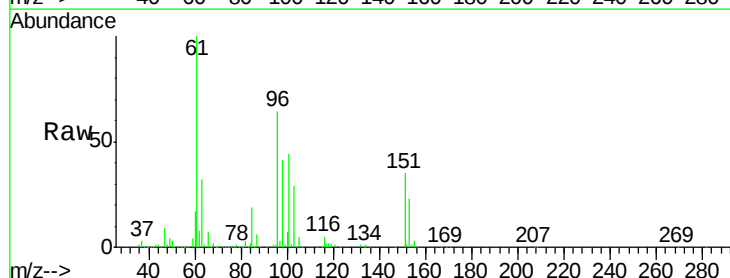
Manual Integrations  
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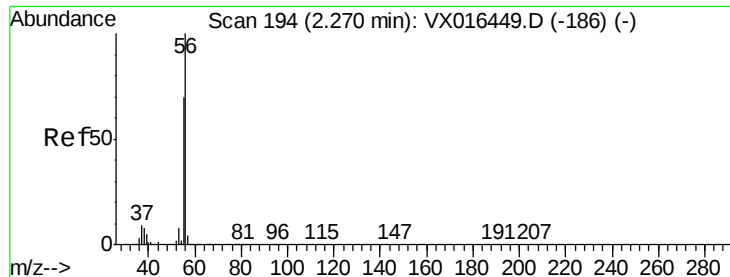
MMDadoda  
6/12/2020 5:45:30 PM



#12  
1,1-Dichloroethene  
Concen: 48.509 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 155.3 | 126.6 | 189.8 |
| 98      | 63.4  | 51.3  | 76.9  |





#13

Acrolein

Concen: 238.856 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

LF014RW131-200608MS

Tot Ion: 56 Resp: 67915

Ion Ratio Lower Upper

56 100

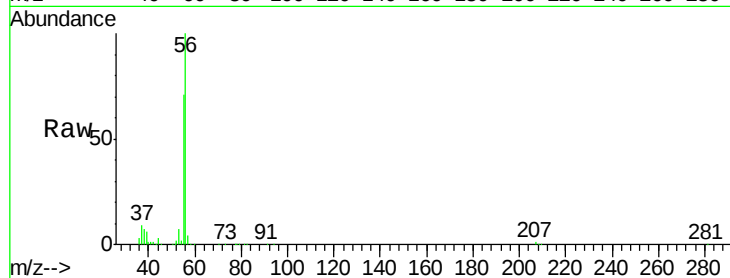
55 71.6 58.3 87.5

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

50000

40000

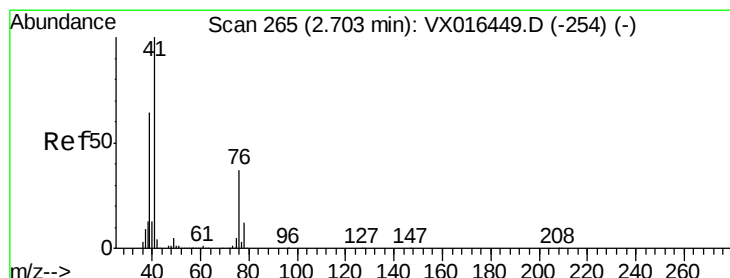
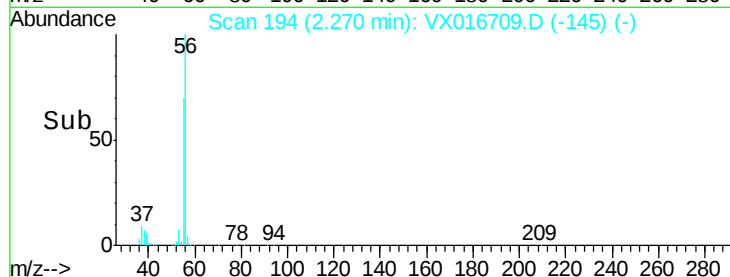
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 42.081 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

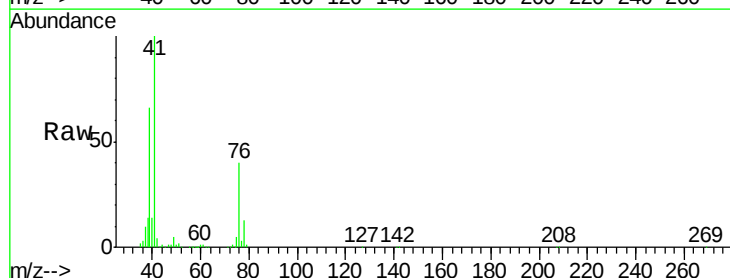
Tgt Ion: 41 Resp: 156296

Ion Ratio Lower Upper

41 100

39 61.9 47.7 71.5

76 37.1 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

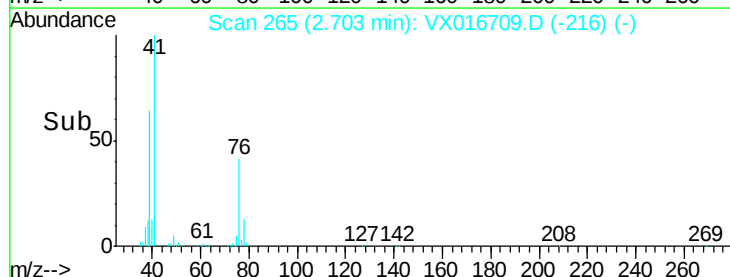
150000

100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 231.908 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

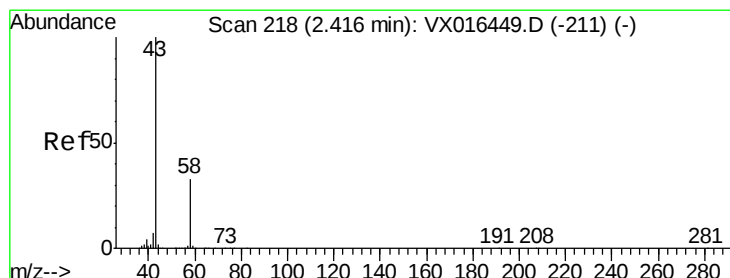
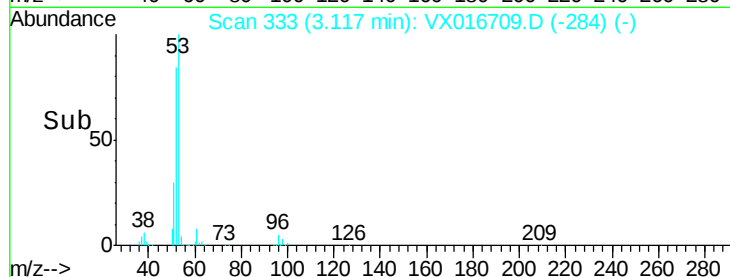
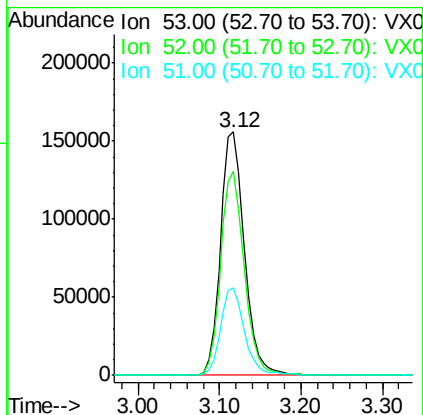
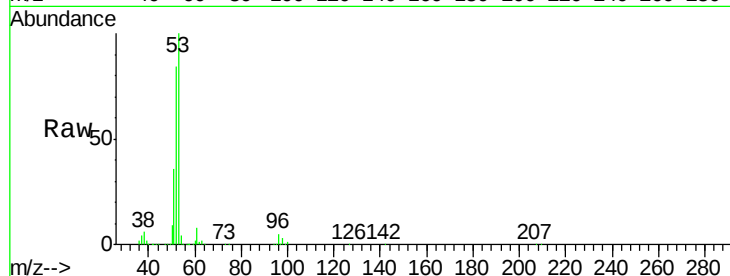
ClientSampleId :

LF014RW131-200608MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 317529 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.9  | 66.7  | 100.1  |
| 51       | 35.9  | 28.6  | 43.0   |

Manual Integrations  
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6/12/2020 5:45:30 PM



#16

Acetone

Concen: 233.588 ug/l

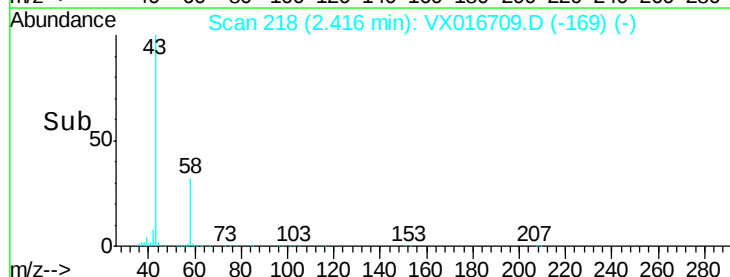
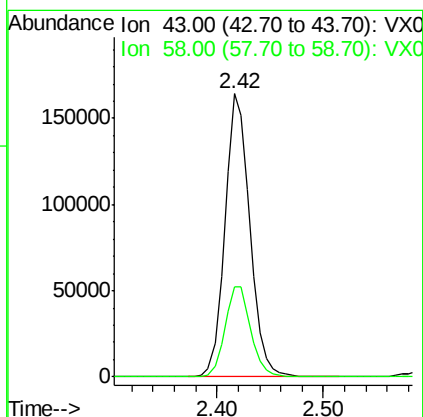
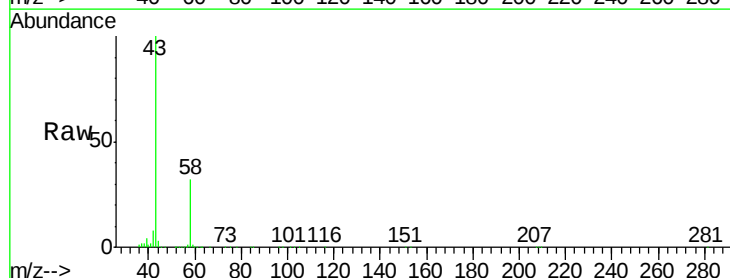
RT: 2.42 min Scan# 218

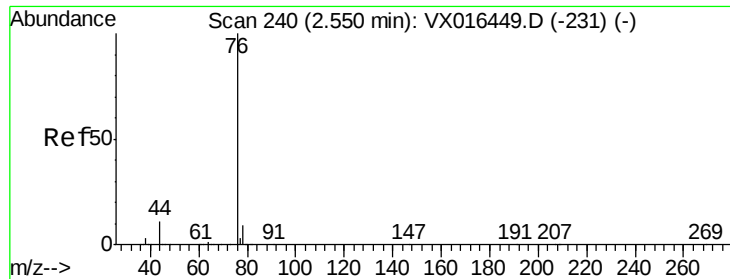
Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 266760 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 32.0  | 26.1  | 39.1   |





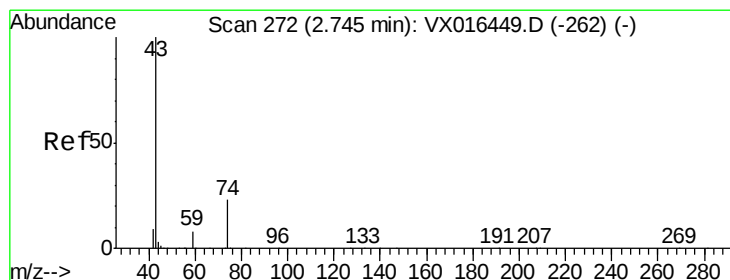
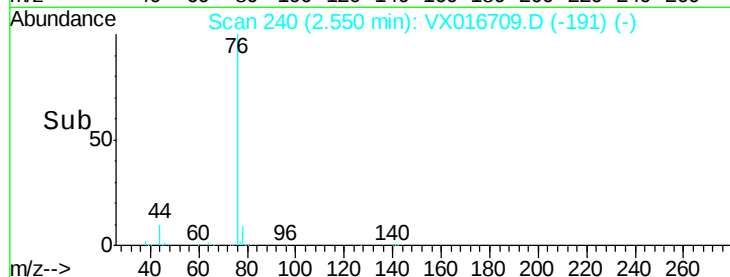
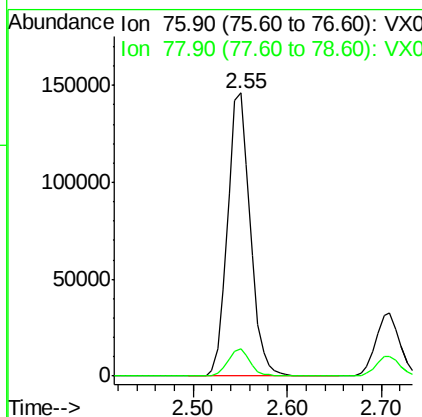
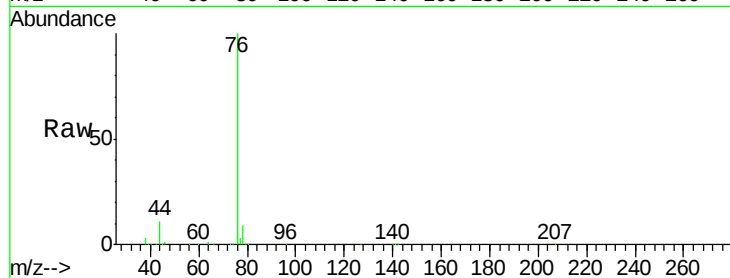
#17  
Carbon Disulfide  
Concen: 40.753 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.5   | 7.4   | 11.0  |

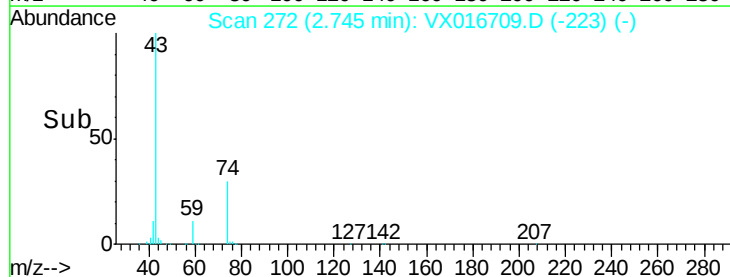
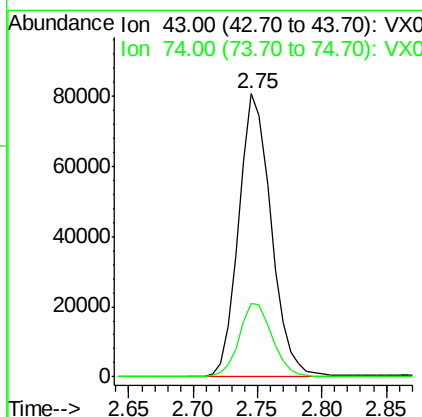
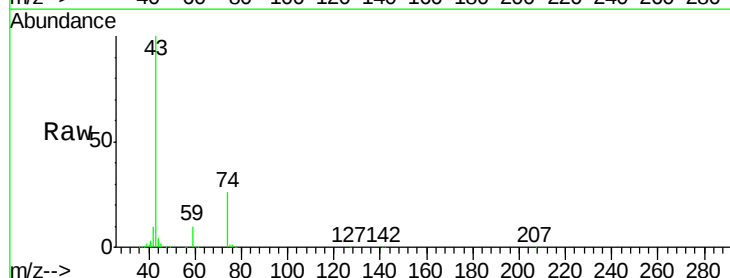
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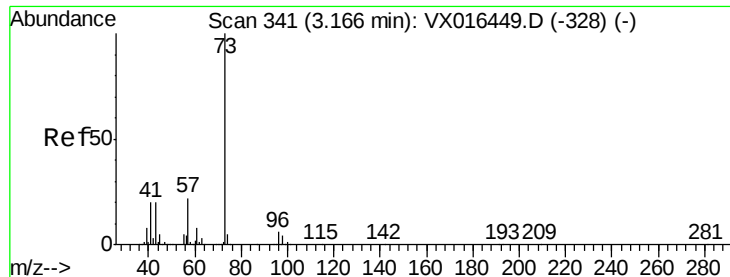
MMDadoda  
6/12/2020 5:45:30 PM



#18  
Methyl Acetate  
Concen: 47.959 ug/l  
RT: 2.75 min Scan# 272  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 27.0  | 19.7  | 29.5  |





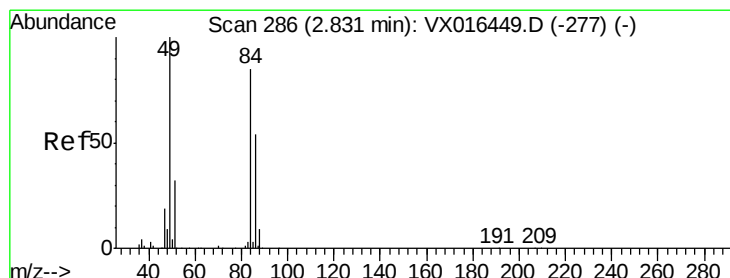
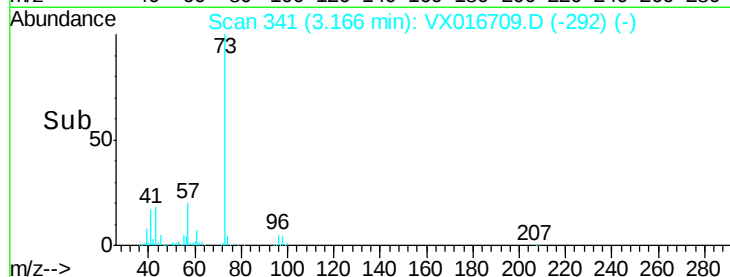
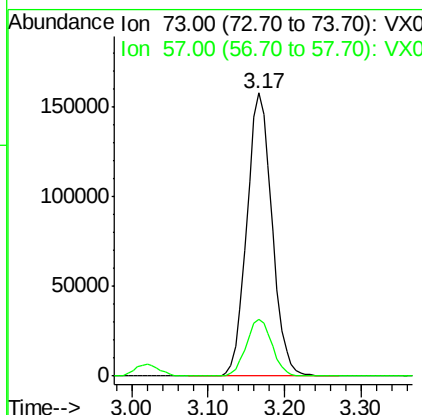
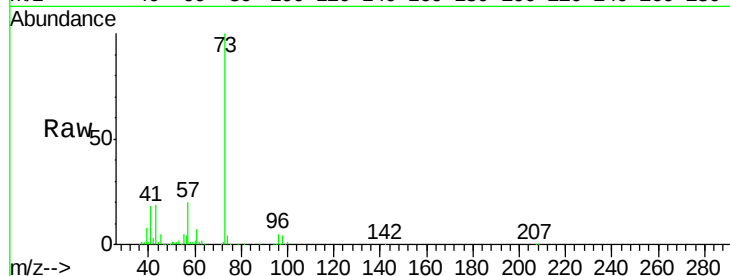
#19  
Methyl tert-butyl Ether  
Concen: 49.823 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 20.0  | 17.8  | 26.6  |

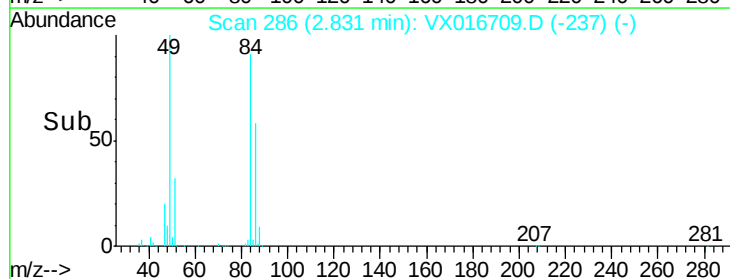
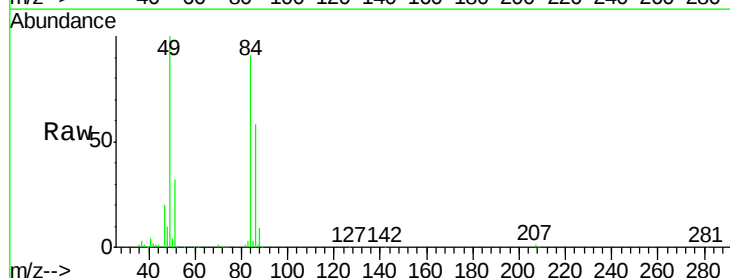
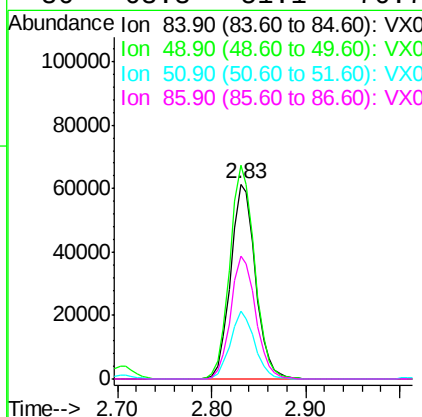
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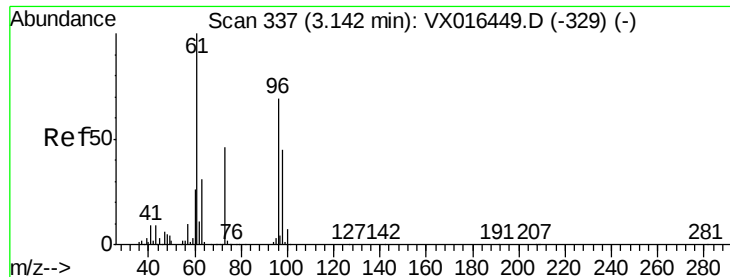
MMDadoda  
6/12/2020 5:45:30 PM



#20  
Methylene Chloride  
Concen: 47.650 ug/l  
RT: 2.83 min Scan# 286  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 109.6 | 94.5  | 141.7 |
| 51      | 34.9  | 30.2  | 45.4  |
| 86      | 63.3  | 51.1  | 76.7  |





#21

trans-1,2-Dichloroethene

Concen: 47.543 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

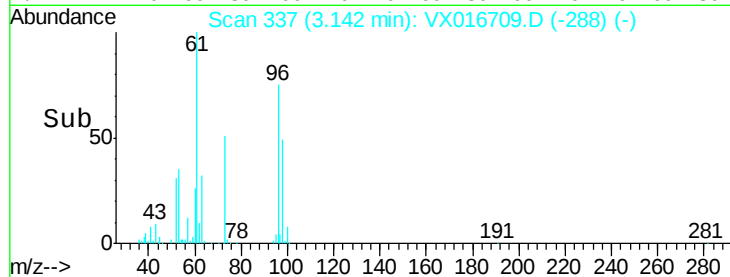
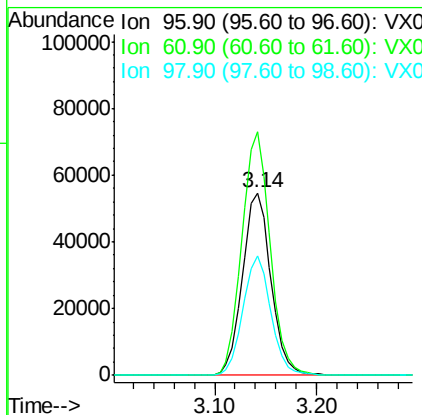
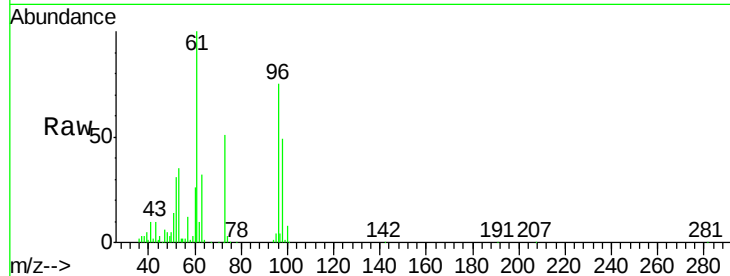
ClientSampleId :

LF014RW131-200608MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 106207 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 133.2 | 115.3 | 172.9  |
| 98       | 65.2  | 51.9  | 77.9   |

Manual Integrations  
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6/12/2020 5:45:30 PM



#22

Diisopropyl ether

Concen: 43.978 ug/l

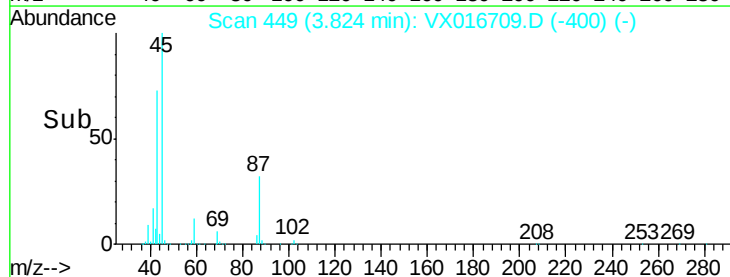
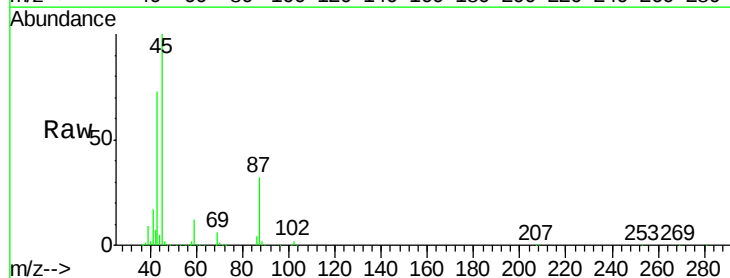
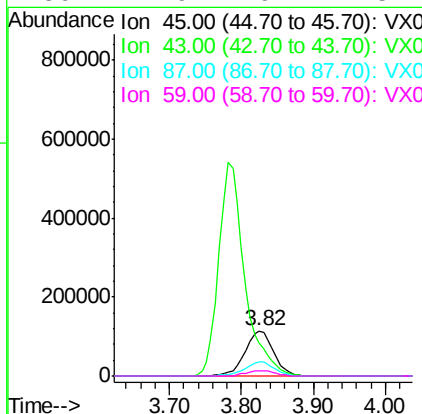
RT: 3.82 min Scan# 449

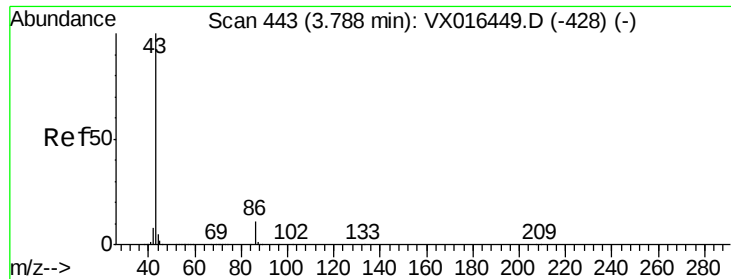
Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 313785 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 72.5  | 57.0  | 85.6   |
| 87       | 32.1  | 22.5  | 33.7   |
| 59       | 11.9  | 9.1   | 13.7   |





#23

Vinyl Acetate

Concen: 217.651 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

LF014RW131-200608MS

Tot Ion: 43 Resp: 1359316

Ion Ratio Lower Upper

43 100

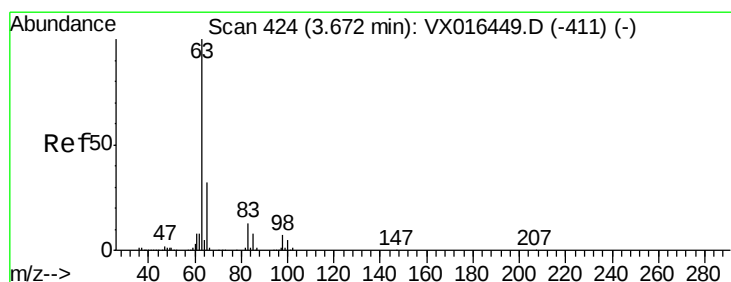
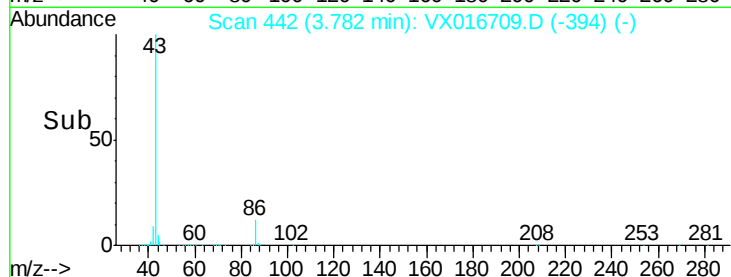
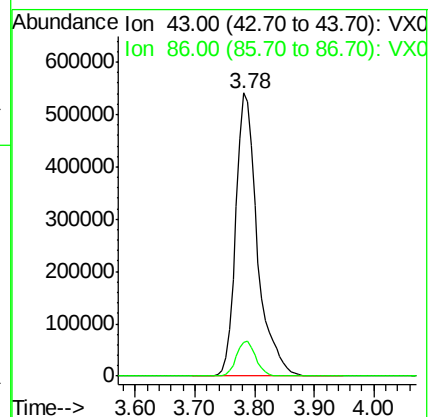
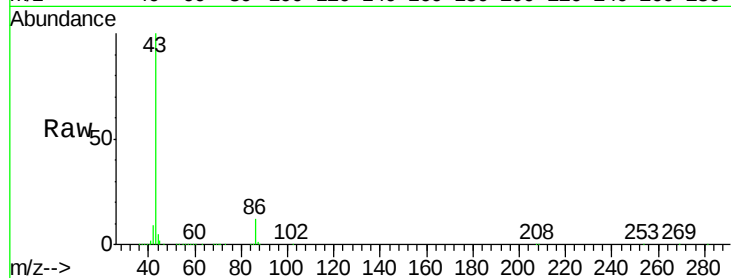
86 12.0 8.6 13.0

Manual Integrations

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MMDadoda

6/12/2020 5:45:30 PM



#24

1,1-Dichloroethane

Concen: 47.042 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

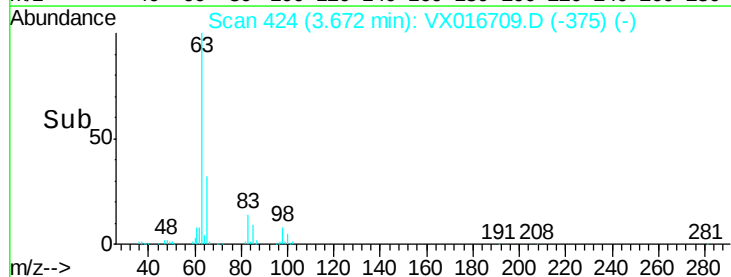
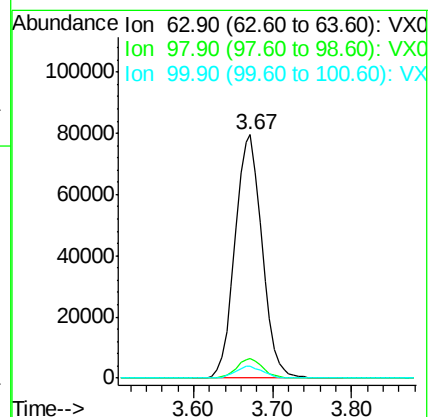
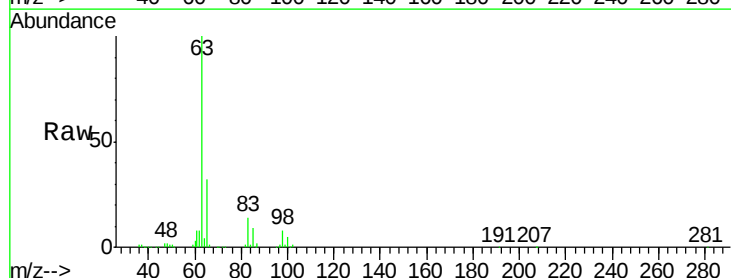
Tgt Ion: 63 Resp: 189444

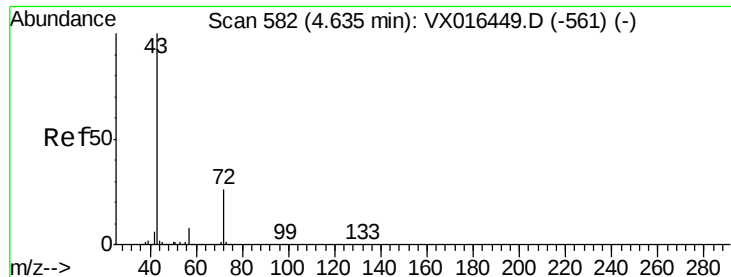
Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 220.218 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

LF014RW131-200608MS

Tot Ion: 43 Resp: 426142

Ion Ratio Lower Upper

43 100

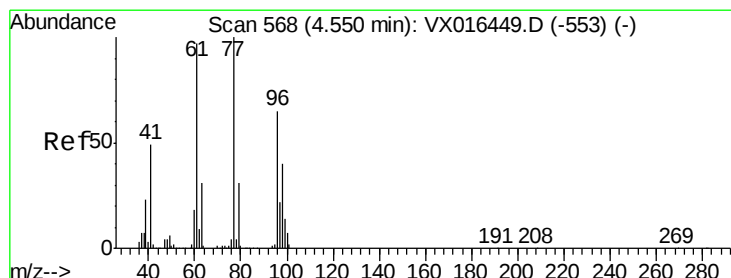
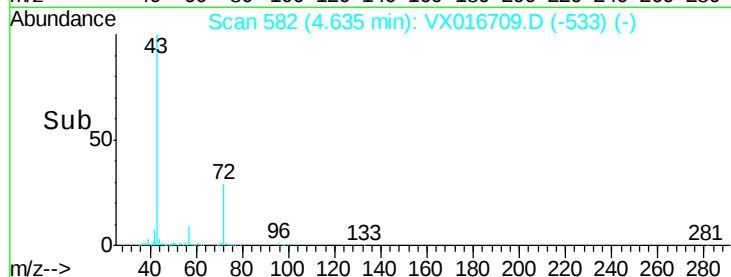
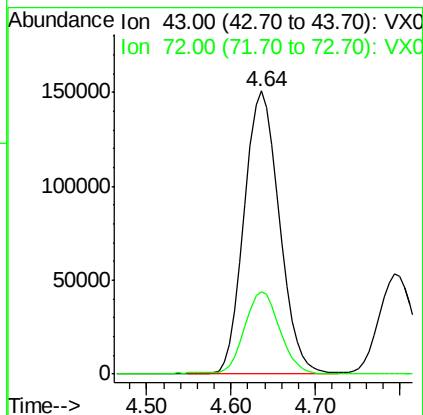
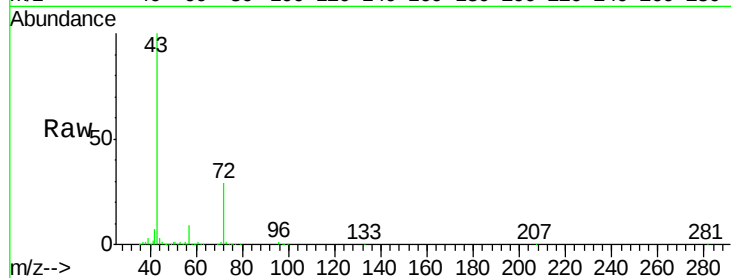
72 29.1 21.0 31.6

Manual Integrations

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MMDadoda

6/12/2020 5:45:30 PM



#26

2,2-Dichloropropane

Concen: 49.931 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016709.D

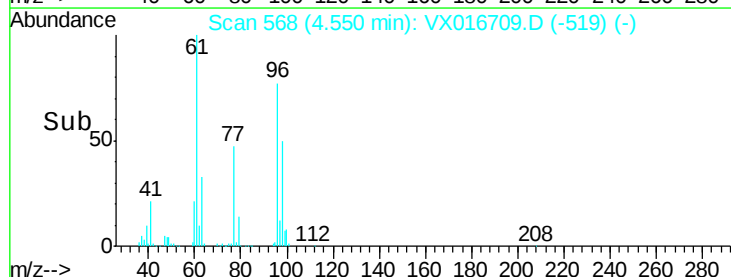
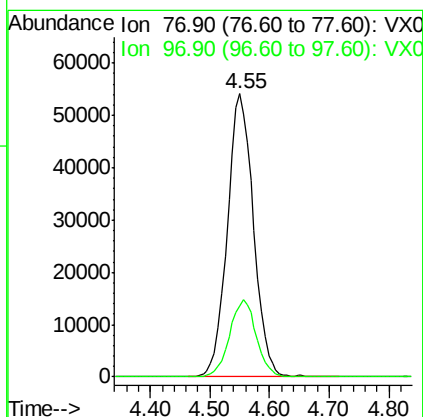
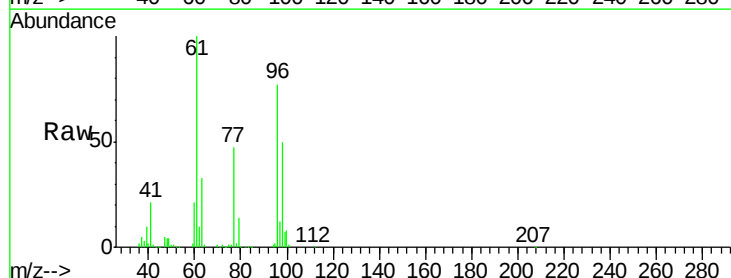
Acq: 11 Jun 2020 17:05

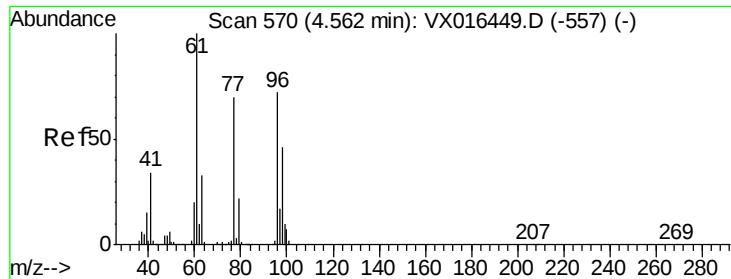
Tgt Ion: 77 Resp: 164539

Ion Ratio Lower Upper

77 100

97 27.9 11.5 34.4





#27

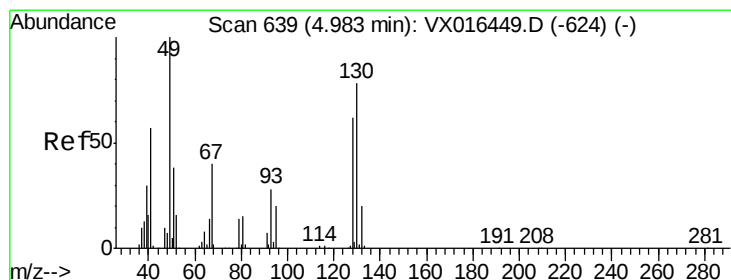
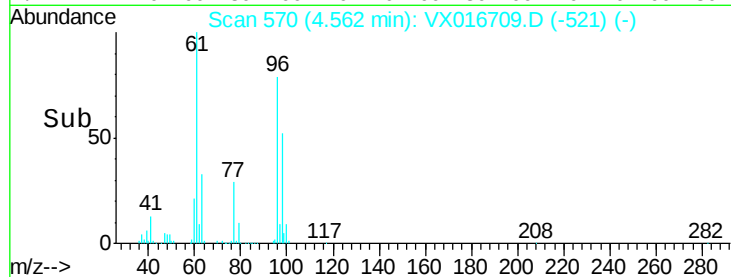
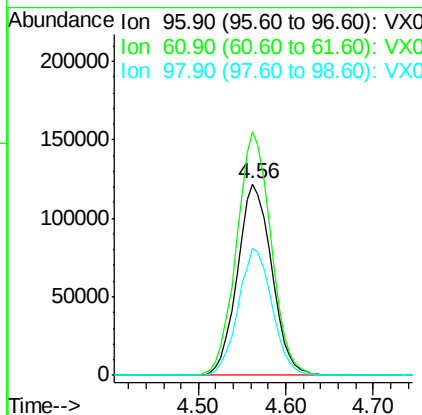
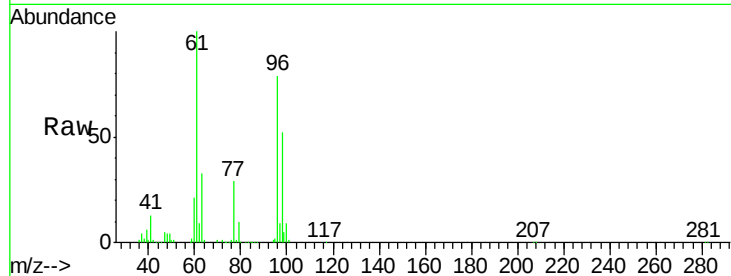
cis-1,2-Dichloroethene  
Concen: 128.904 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 127.9 | 0.0  | 284.6 |       |
| 98      | 65.4  | 0.0  | 127.2 |       |

Manual Integrations  
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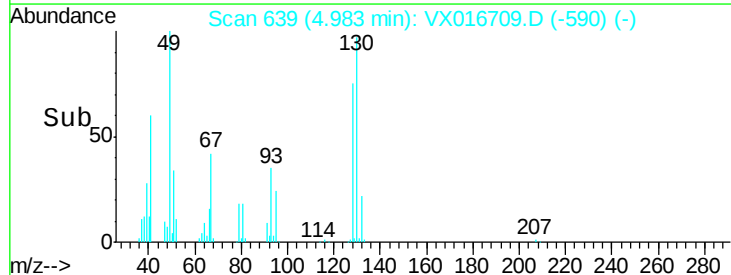
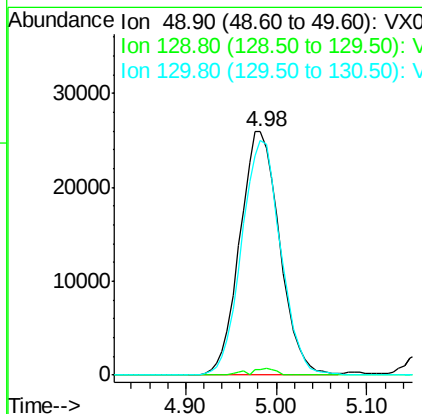
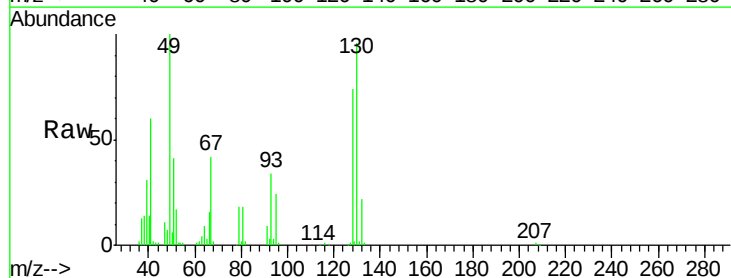
MMDadoda  
6/12/2020 5:45:30 PM



#28

Bromochloromethane  
Concen: 42.212 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 1.3   | 0.0  | 4.0   |       |
| 130     | 94.3  | 63.0 | 94.4  |       |





#29

Tetrahydrofuran

Concen: 217.360 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

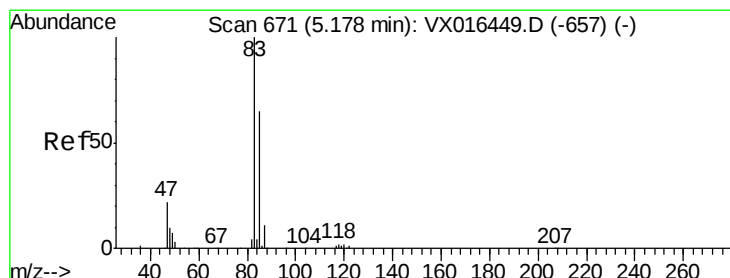
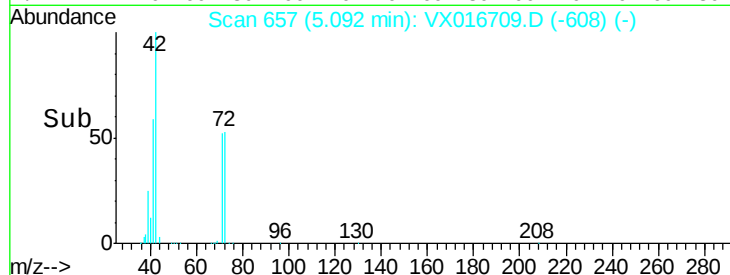
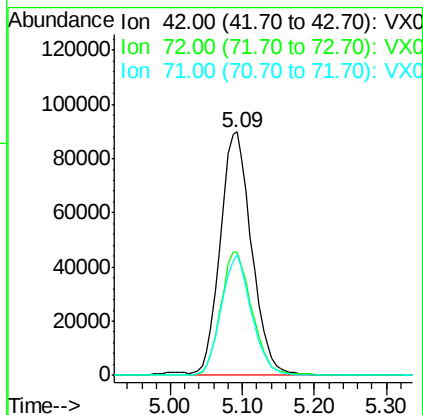
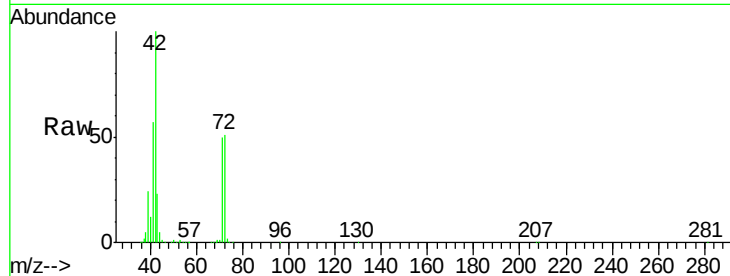
ClientSampleId :

LF014RW131-200608MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 42    | Resp: | 271735 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 50.9  | 37.0  | 55.4   |
| 71       | 47.7  | 34.1  | 51.1   |

Manual Integrations  
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#30

Chloroform

Concen: 50.320 ug/l

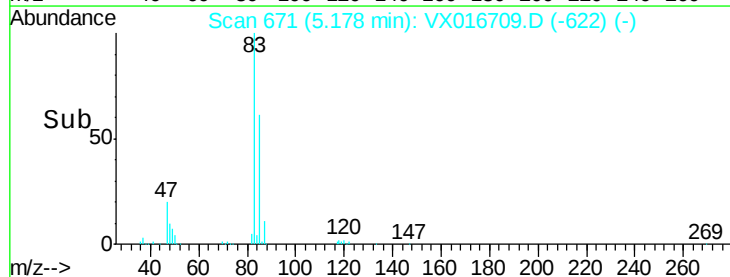
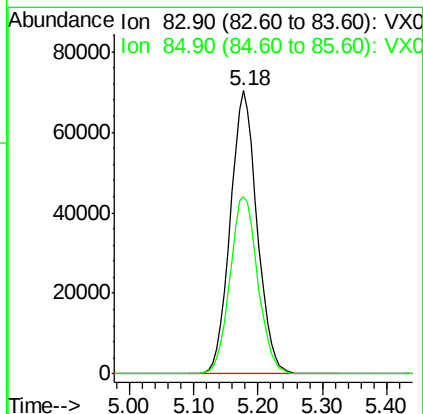
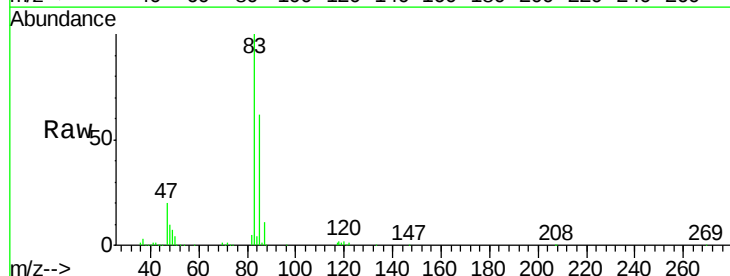
RT: 5.18 min Scan# 671

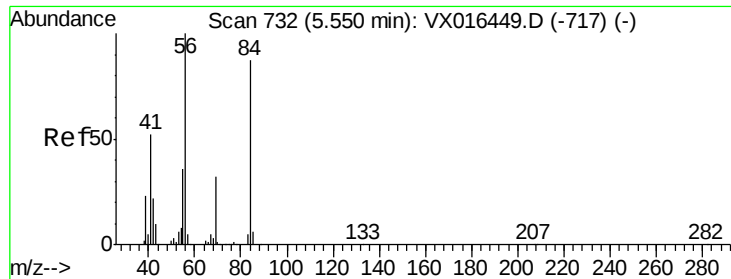
Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 204187 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.5  | 52.0  | 78.0   |





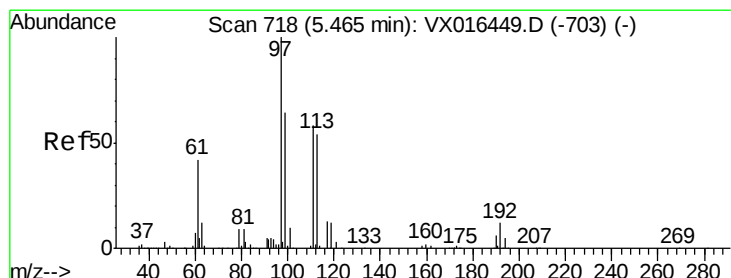
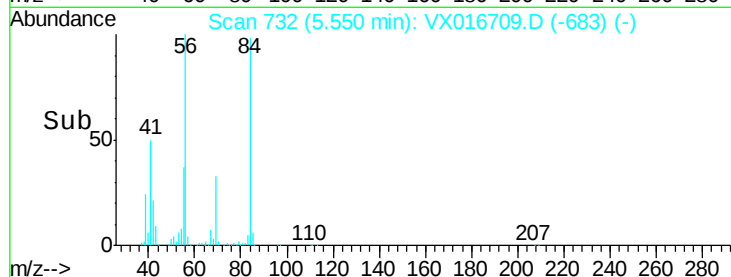
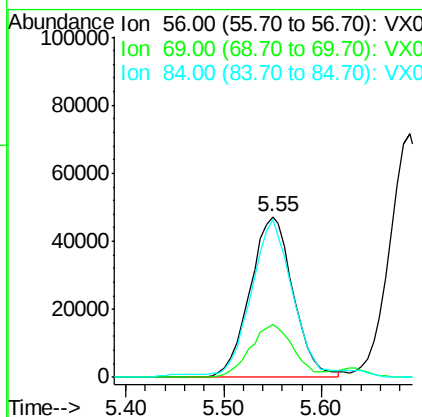
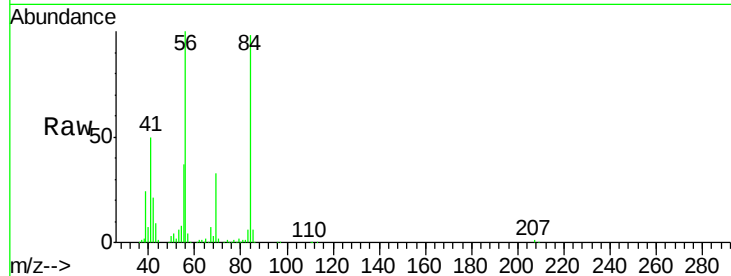
#31  
Cvclohexane  
Concen: 40.043 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 69      | 32.8 | 25.7  | 38.5  |       |
| 84      | 95.6 | 70.0  | 105.0 |       |

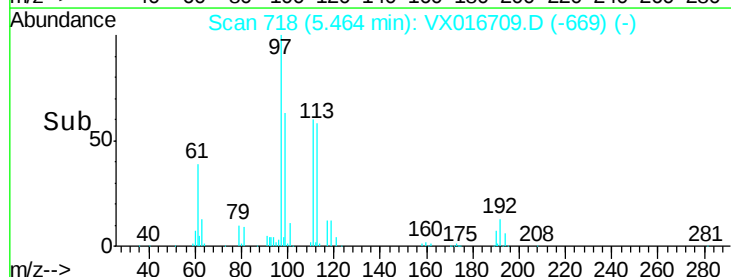
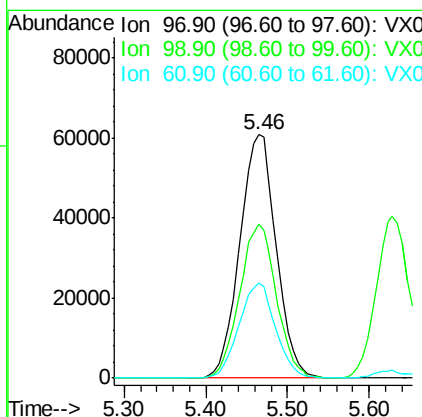
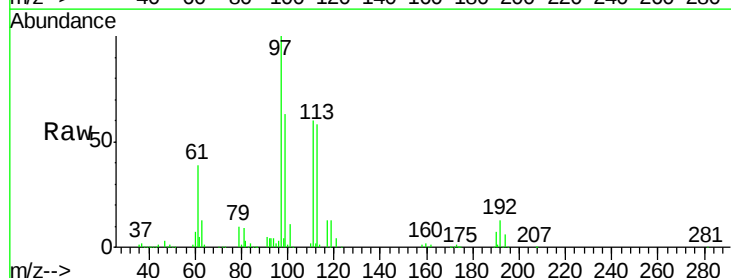
Manual Integrations  
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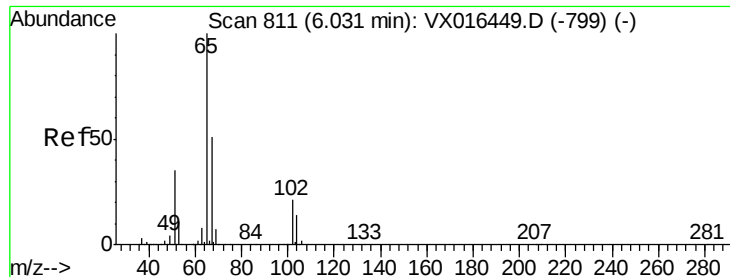
MMDadoda  
6/12/2020 5:45:30 PM



#32  
1,1,1-Trichloroethane  
Concen: 51.290 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 97      | 100  |       |       |       |
| 99      | 63.6 | 51.4  | 77.2  |       |
| 61      | 39.2 | 33.5  | 50.3  |       |





#33

1,2-Dichloroethane-d4

Concen: 48.433 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

LF014RW131-200608MS

Tot Ion: 65 Resp: 126245

Ion Ratio Lower Upper

65 100

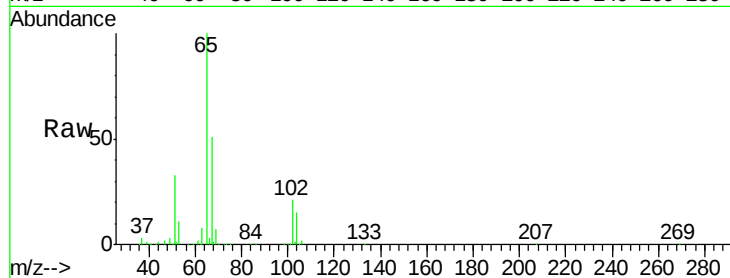
67 51.5 0.0 104.8

Manual Integrations

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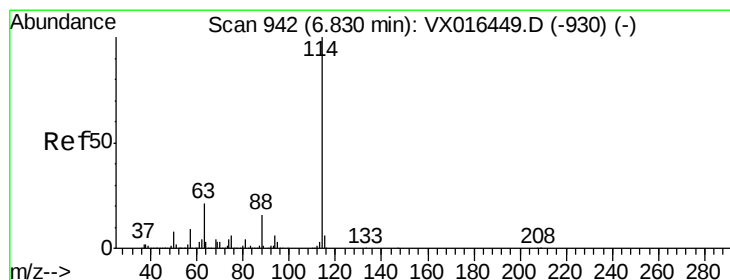
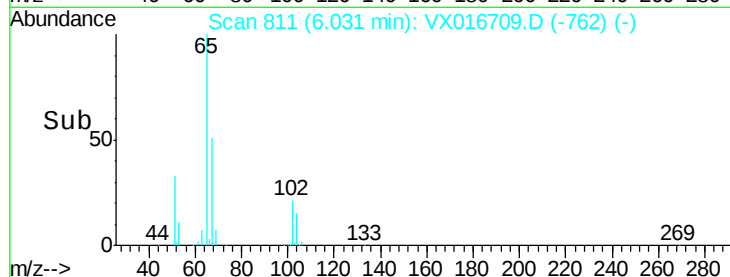
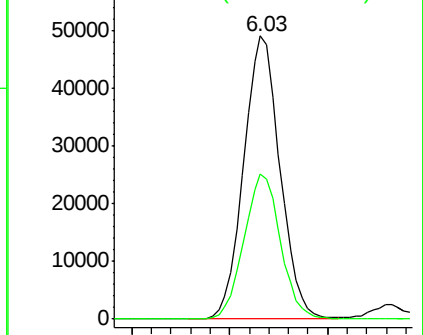
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

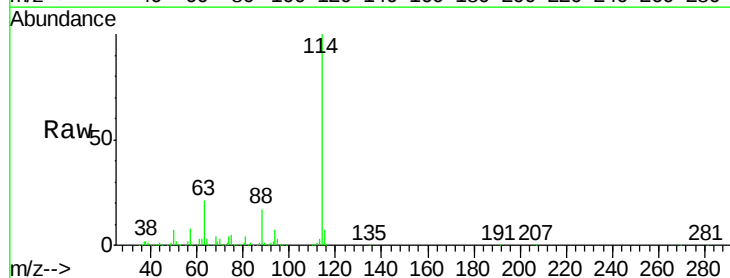
Tgt Ion: 114 Resp: 318100

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

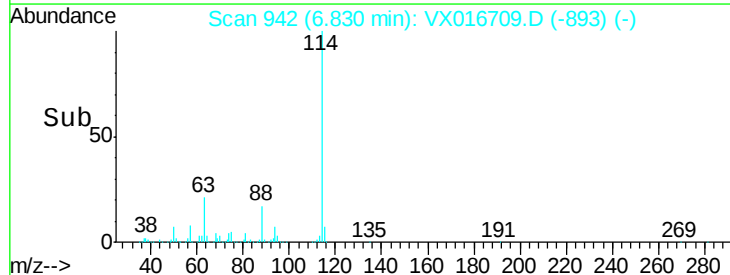
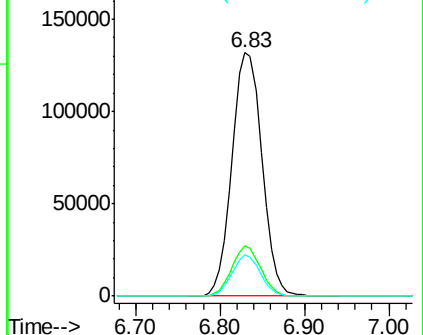
88 17.0 0.0 32.8

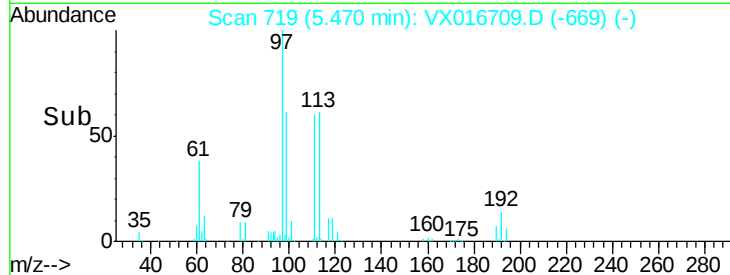
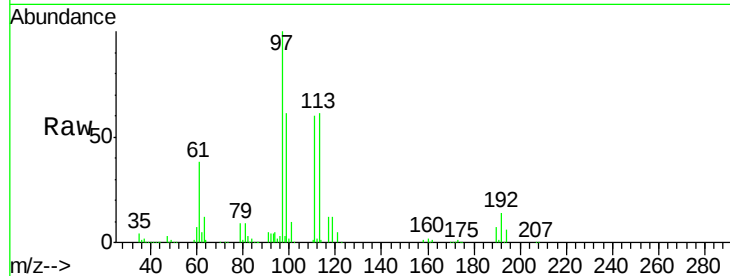
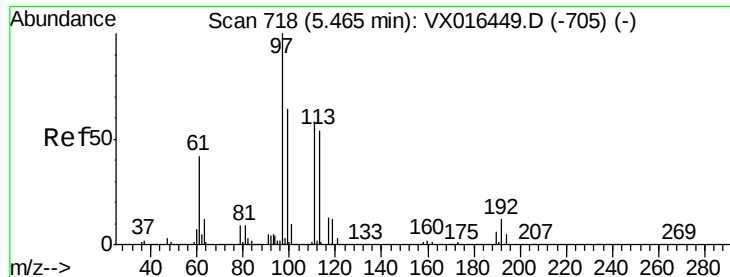


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





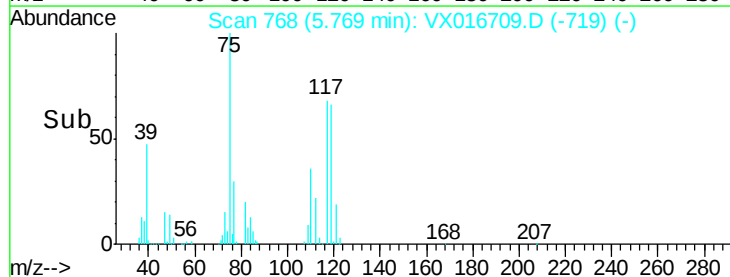
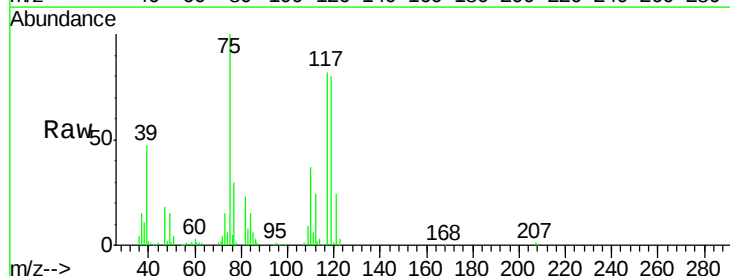
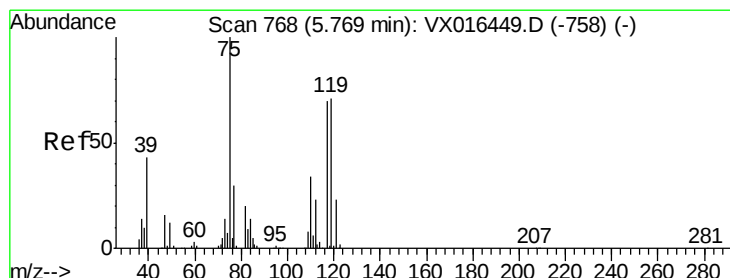
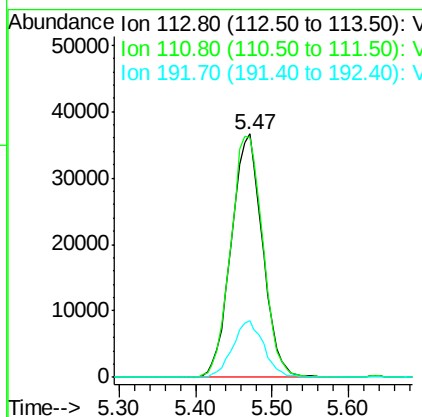
#35  
Dibromofluoromethane  
Concen: 52.967 ug/l  
RT: 5.47 min Scan# 719  
Delta R.T. 0.01 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 103745 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.7 | 83.0  | 124.6  |
| 192       | 22.9  | 17.7  | 26.5   |

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

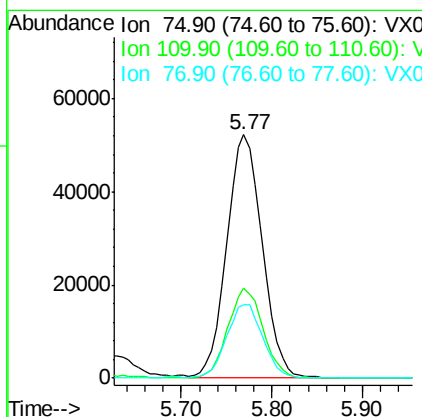
Manual Integrations  
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6/12/2020 5:45:30 PM



#36  
1,1-Dichloropropene  
Concen: 46.860 ug/l  
RT: 5.77 min Scan# 768  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 141132 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.9  | 17.4  | 52.3   |
| 77        | 31.0  | 24.2  | 36.4   |





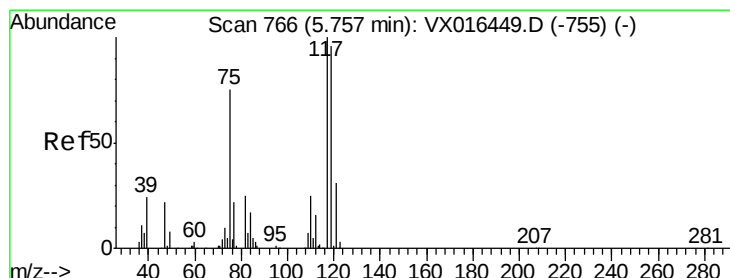
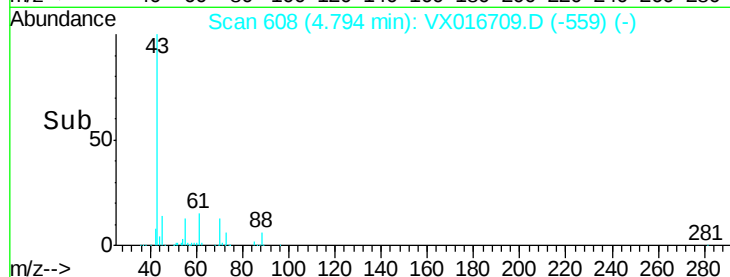
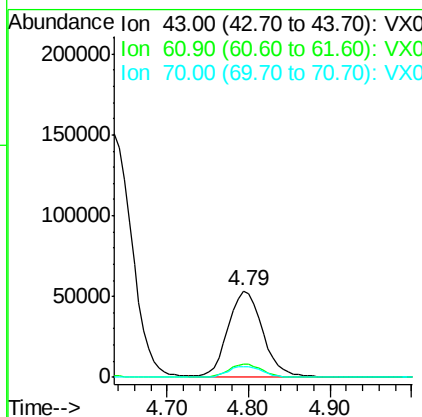
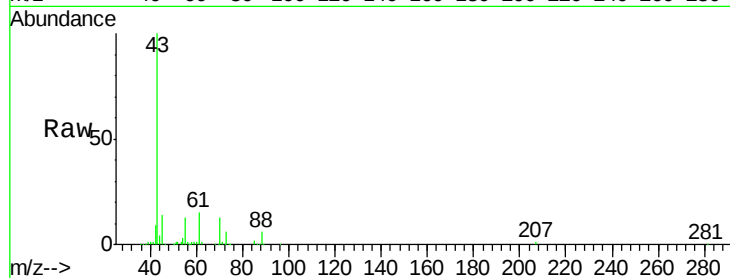
#37  
Ethyl Acetate  
Concen: 43.093 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.3  | 11.3  | 16.9  |
| 70      | 12.9  | 9.3   | 13.9  |

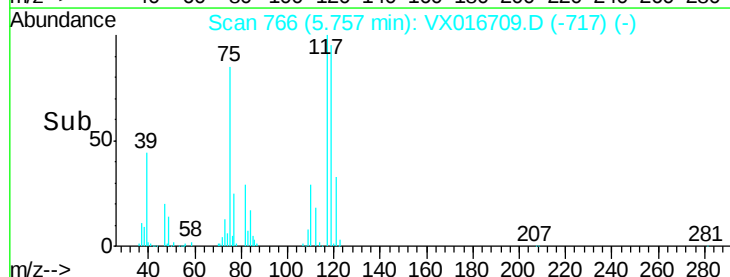
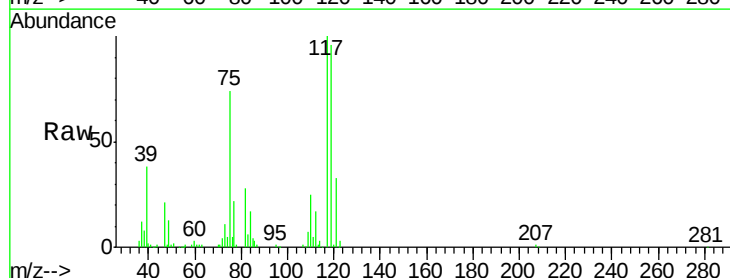
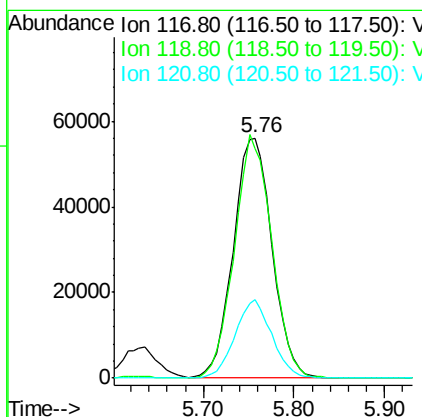
Manual Integrations  
APPROVED

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6/12/2020 5:45:30 PM



#38  
Carbon Tetrachloride  
Concen: 52.440 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.6  | 76.3  | 114.5 |
| 121     | 32.8  | 24.6  | 37.0  |





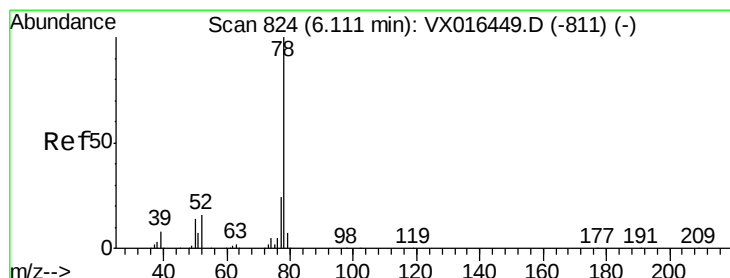
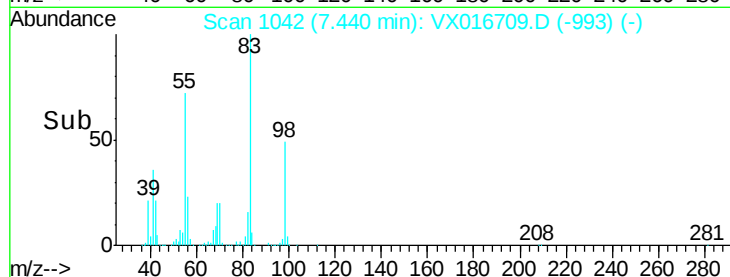
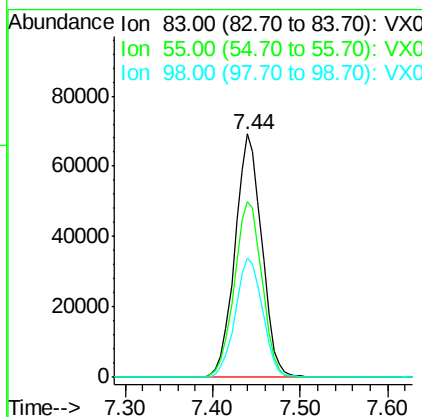
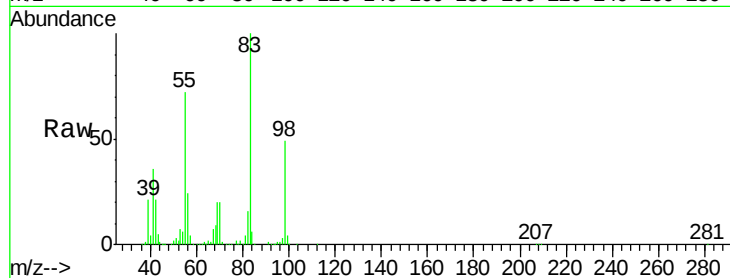
#39  
Methvlcvclohexane  
Concen: 45.085 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 72.1  | 61.7  | 92.5  |
| 98      | 48.9  | 38.7  | 58.1  |

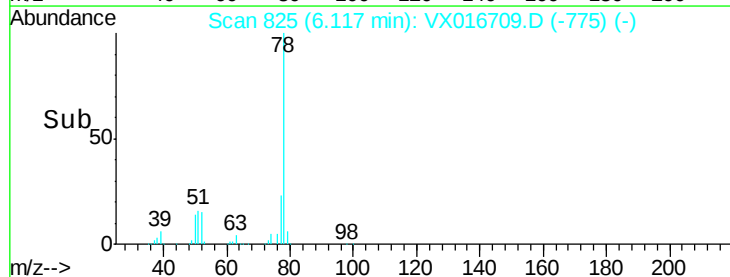
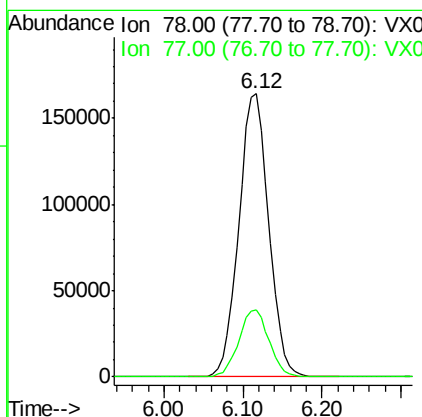
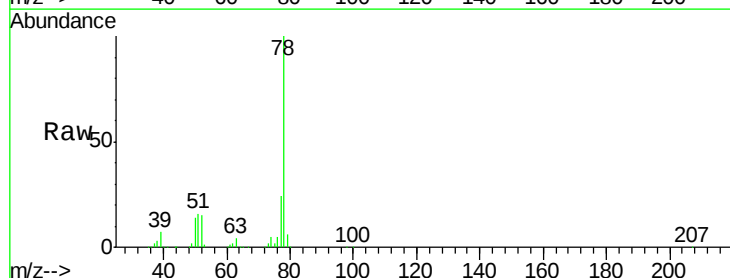
Manual Integrations  
APPROVED

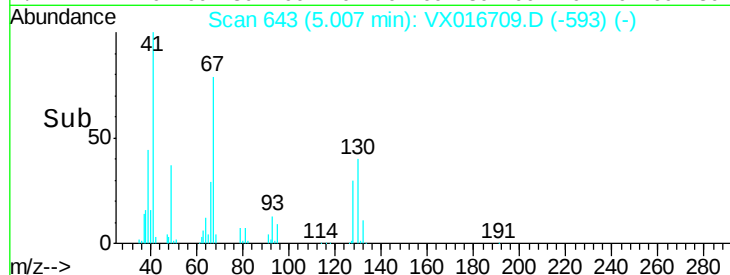
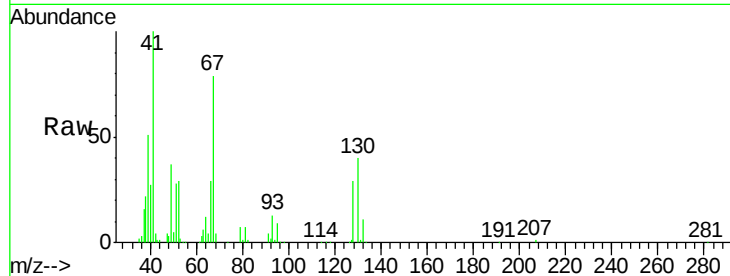
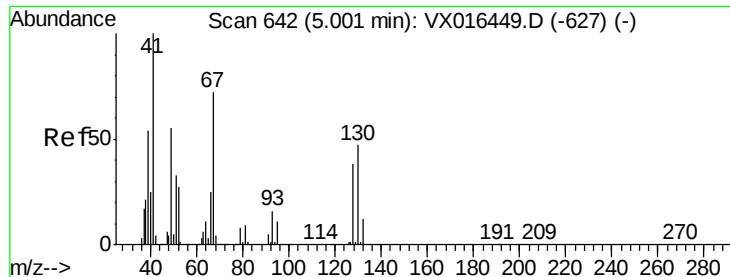
MMDadoda  
6/12/2020 5:45:30 PM



#40  
Benzene  
Concen: 48.207 ug/l  
RT: 6.12 min Scan# 825  
Delta R.T. 0.01 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

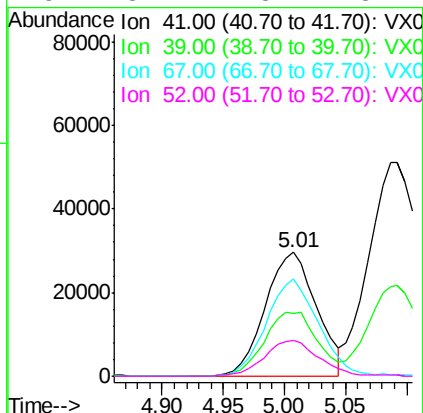
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.8  | 18.9  | 28.3  |





#41  
Methacrylonitrile  
Concen: 43.643 ug/l  
RT: 5.01 min Scan# 643  
Delta R.T. 0.01 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

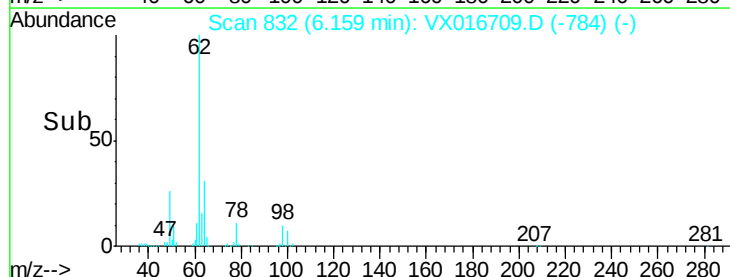
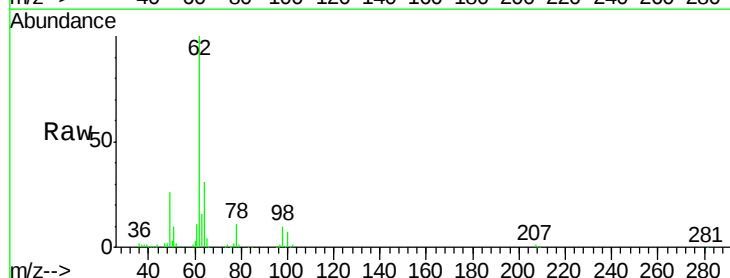
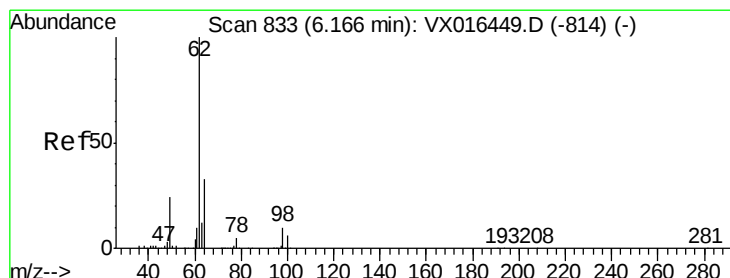
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 53.7 | 43.0  | 64.4  |       |
| 67      | 79.8 | 58.9  | 88.3  |       |
| 52      | 31.4 | 23.1  | 34.7  |       |



Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

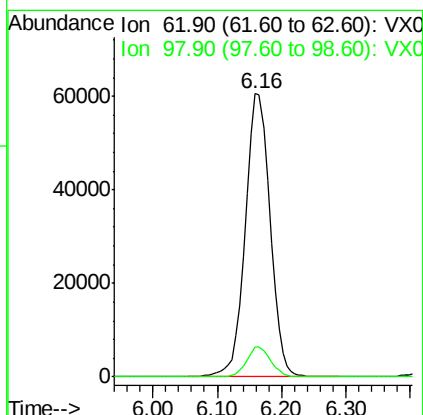
Manual Integrations  
APPROVED

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6/12/2020 5:45:30 PM



#42  
1,2-Dichloroethane  
Concen: 50.103 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 10.3 | 0.0   | 19.8  |       |





#43

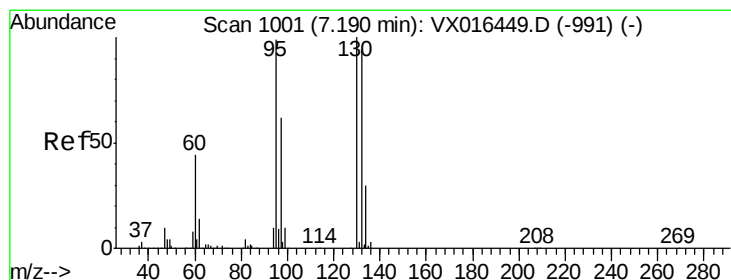
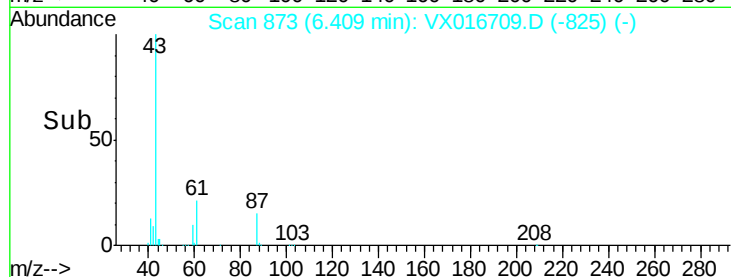
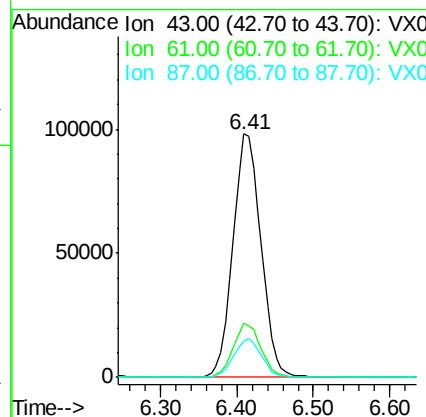
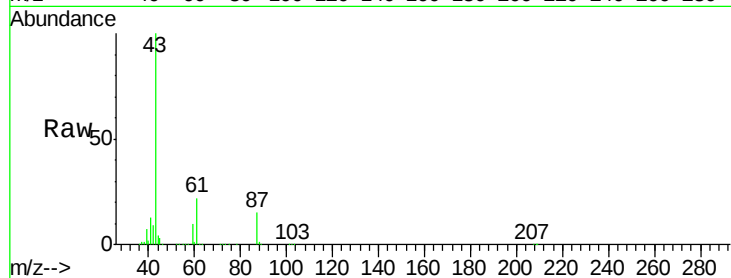
Isopropyl Acetate  
 Concen: 43.953 ug/l  
 RT: 6.41 min Scan# 873  
 Delta R.T. -0.01 min  
 Lab File: VX016709.D  
 Acq: 11 Jun 2020 17:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF014RW131-200608MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 21.9  | 16.8  | 25.2  |
| 87      | 15.7  | 11.2  | 16.8  |

Manual Integrations  
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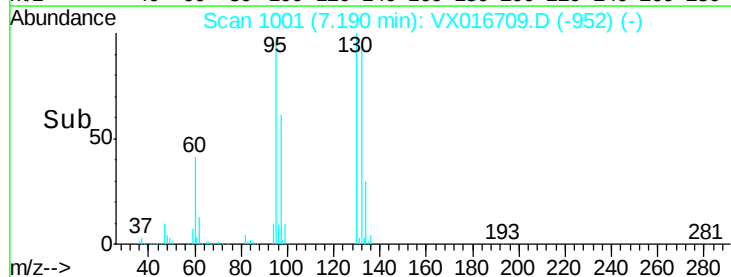
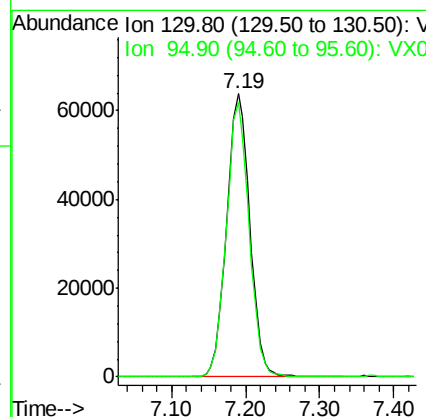
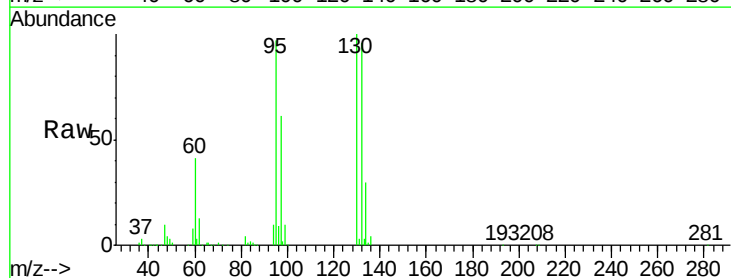
MMDadoda  
 6/12/2020 5:45:30 PM

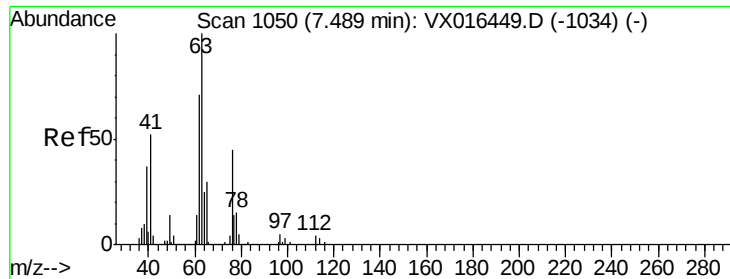


#44

Trichloroethene  
 Concen: 48.891 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. -0.00 min  
 Lab File: VX016709.D  
 Acq: 11 Jun 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 97.2  | 0.0   | 198.2 |





#45

1,2-Dichloropropane

Concen: 47.685 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

LF014RW131-200608MS

Tot Ion: 63 Resp: 108879

Ion Ratio Lower Upper

63 100

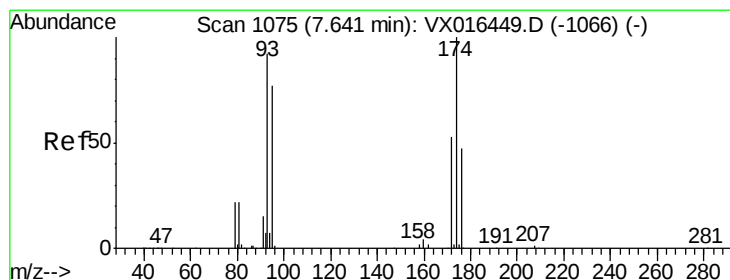
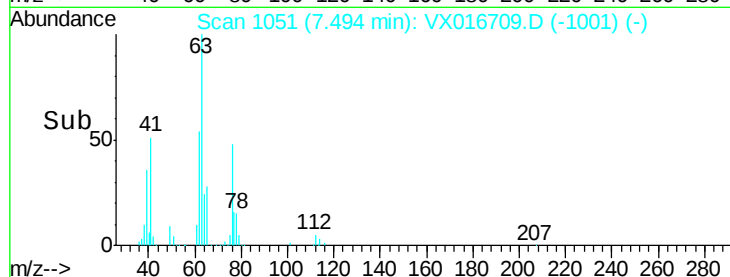
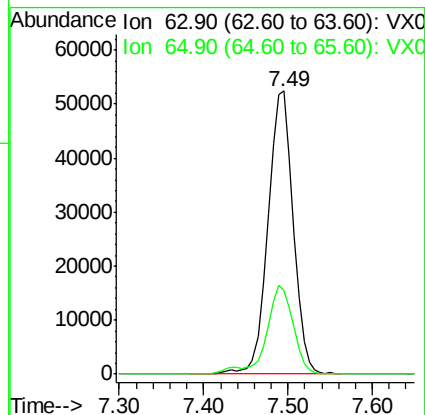
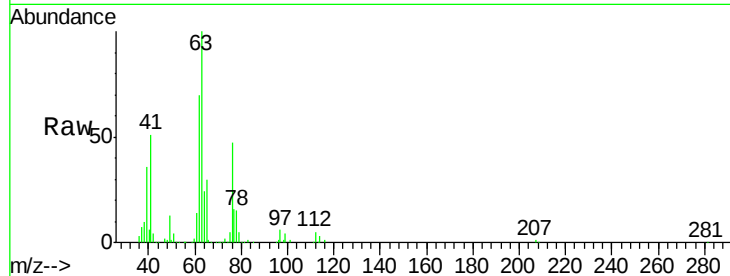
65 29.5 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 50.522 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

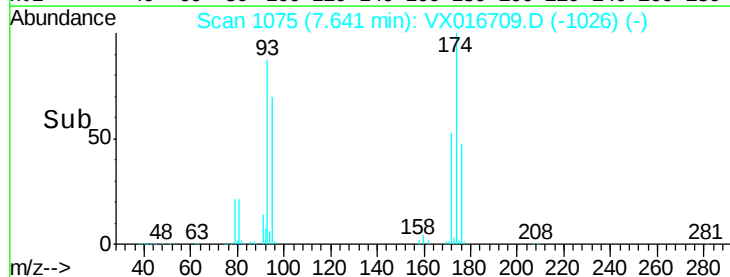
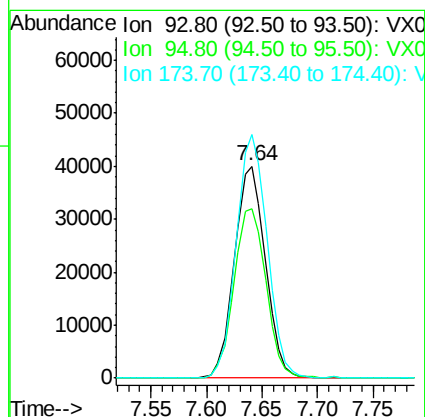
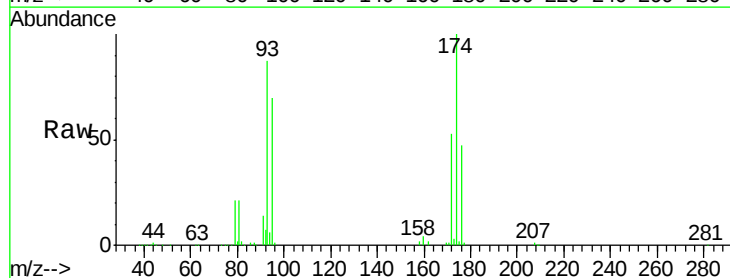
Tgt Ion: 93 Resp: 77482

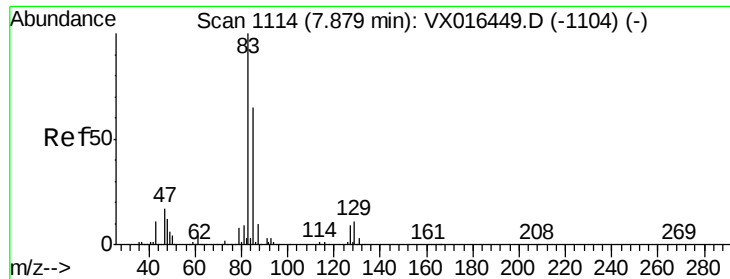
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

174 114.9 86.2 129.4





#47

Bromodichloromethane

Concen: 51.786 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

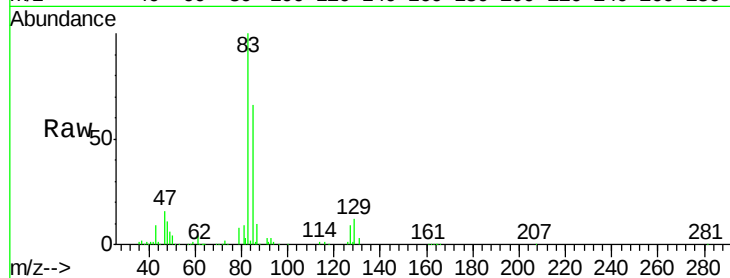
ClientSampleId :

LF014RW131-200608MS

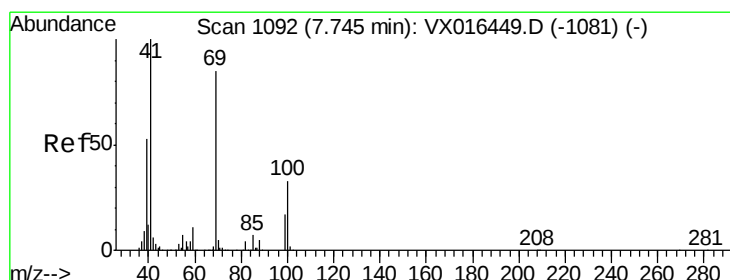
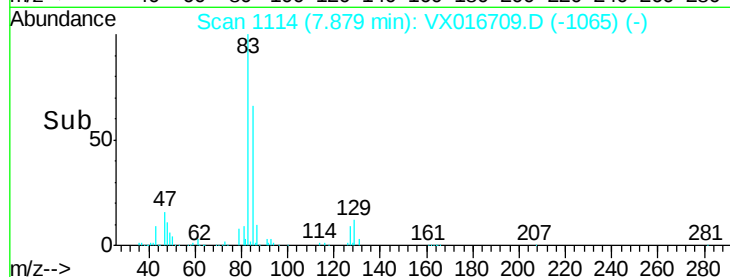
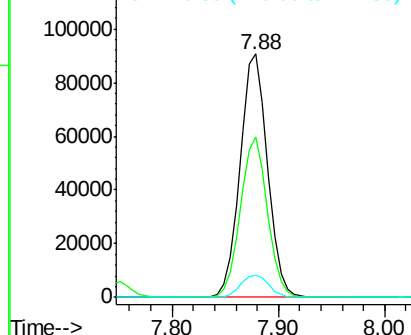
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 164446 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.7  | 52.0  | 78.0   |
| 127      | 9.1   | 7.4   | 11.0   |

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Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 45.196 ug/l

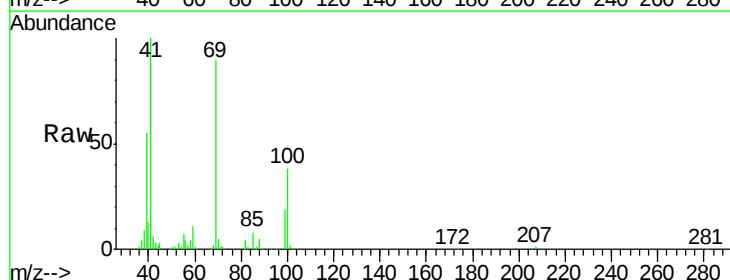
RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

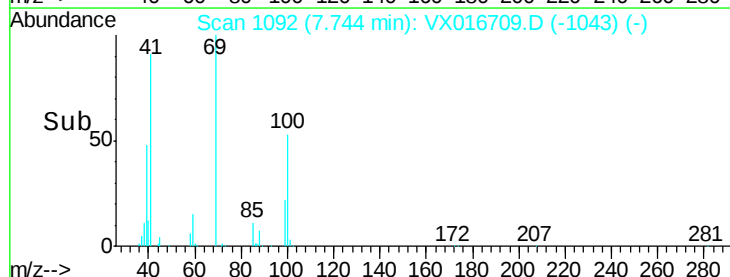
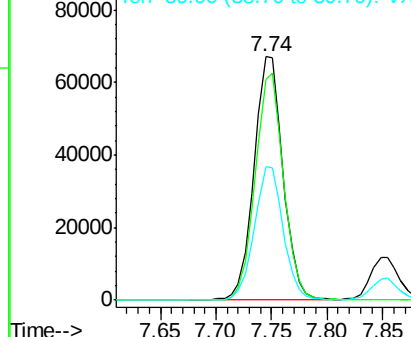
Lab File: VX016709.D

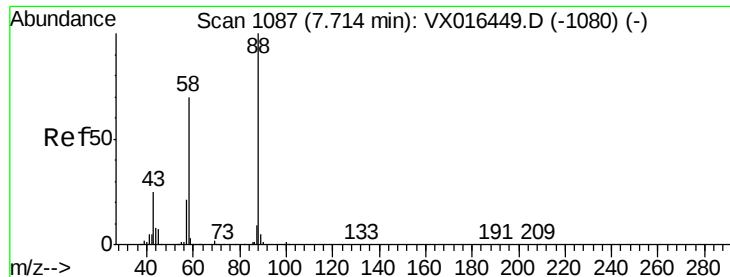
Acq: 11 Jun 2020 17:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 122053 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 91.6  | 68.6  | 102.8  |
| 39       | 54.9  | 42.4  | 63.6   |



Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0





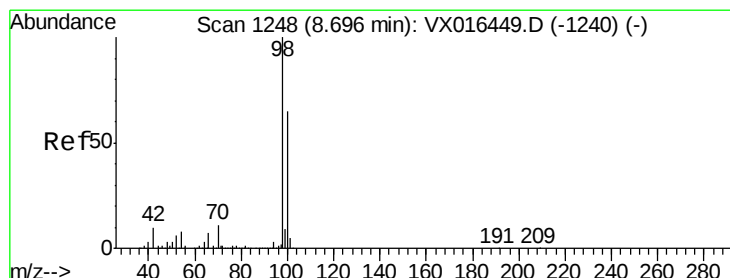
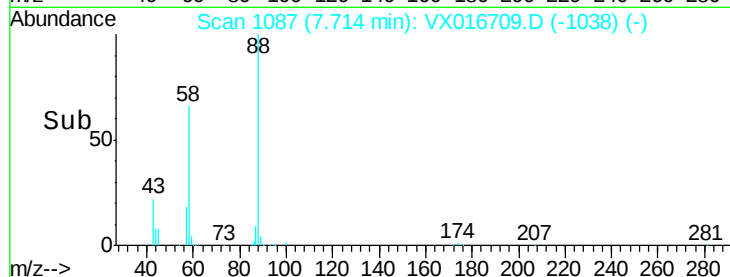
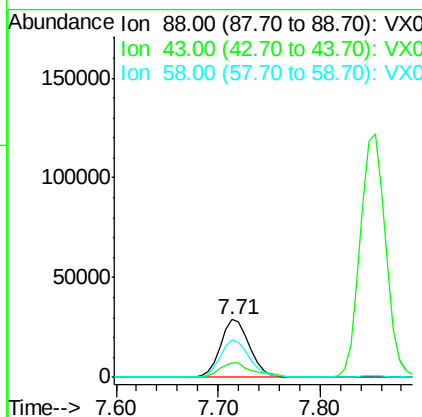
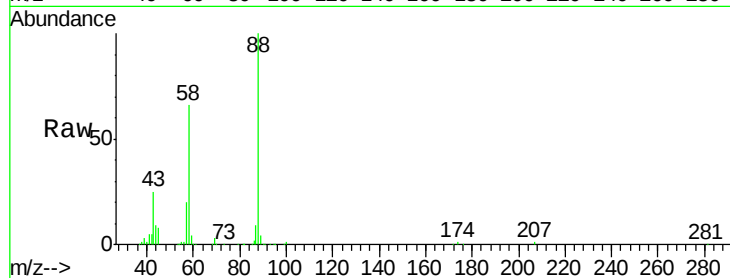
#49  
1,4-Dioxane  
Concen: 902.876 ug/l  
RT: 7.71 min Scan# 1087  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 29.2  | 24.2  | 36.4  |
| 58      | 65.8  | 56.5  | 84.7  |

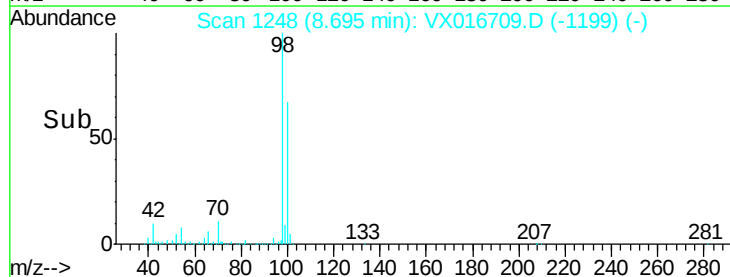
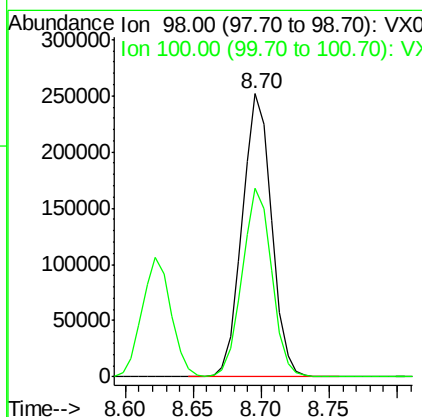
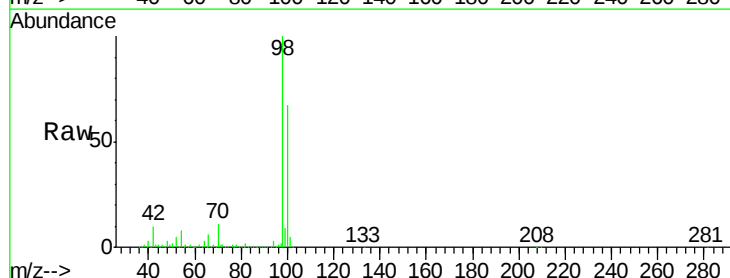
Manual Integrations  
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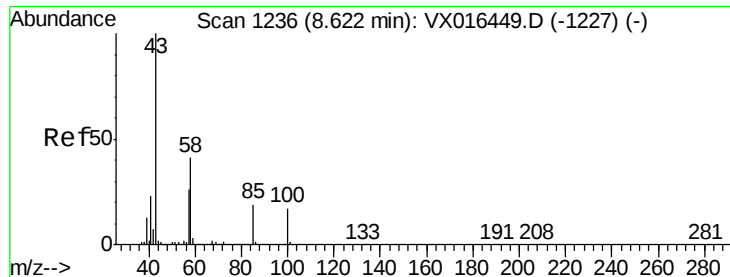
MMDadoda  
6/12/2020 5:45:30 PM



#50  
Toluene-d8  
Concen: 49.889 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.8  | 53.8  | 80.6  |





#51

4-Methyl-2-Pentanone

Concen: 232.183 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

LF014RW131-200608MS

Tot Ion: 43 Resp: 815412

Ion Ratio Lower Upper

43 100

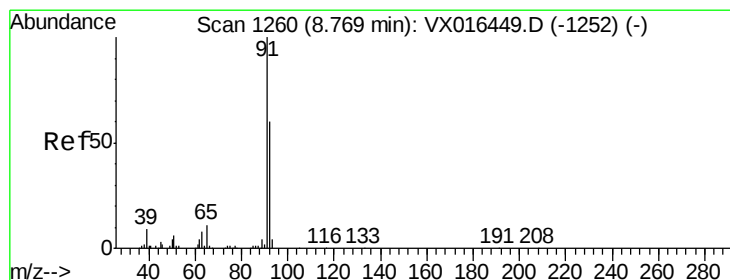
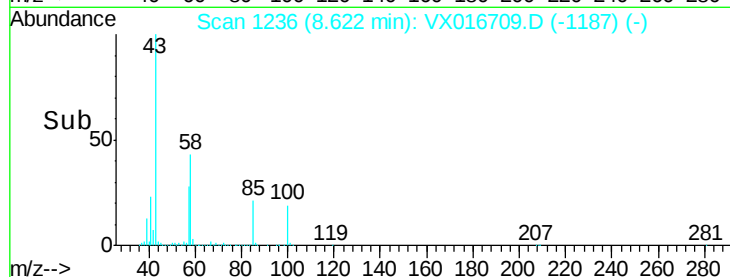
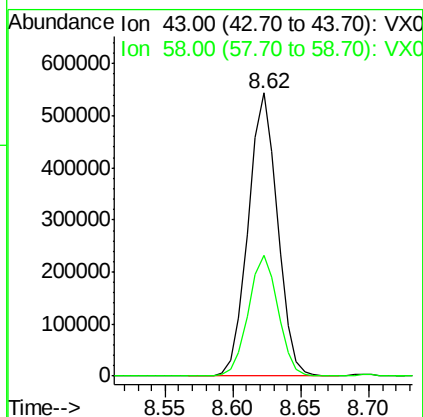
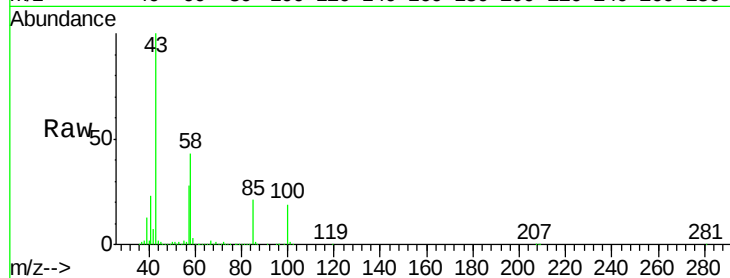
58 43.0 33.0 49.6

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#52

Toluene

Concen: 49.577 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016709.D

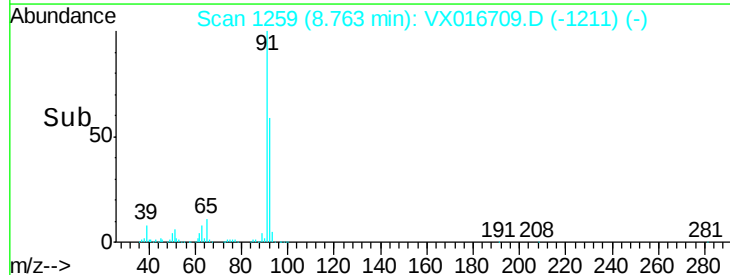
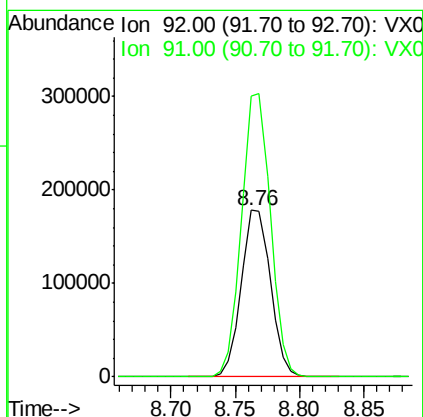
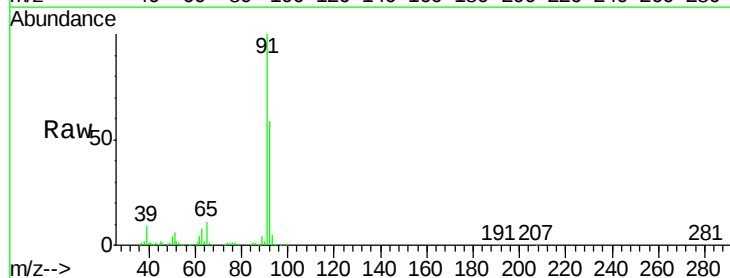
Acq: 11 Jun 2020 17:05

Tgt Ion: 92 Resp: 280400

Ion Ratio Lower Upper

92 100

91 168.1 135.0 202.4





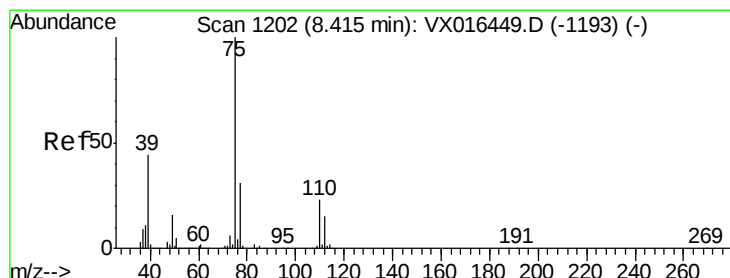
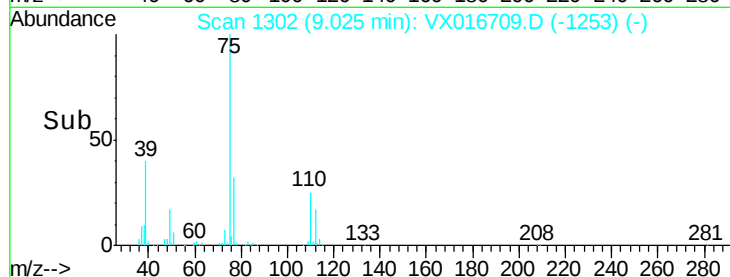
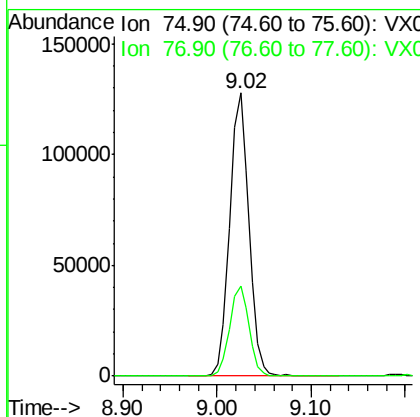
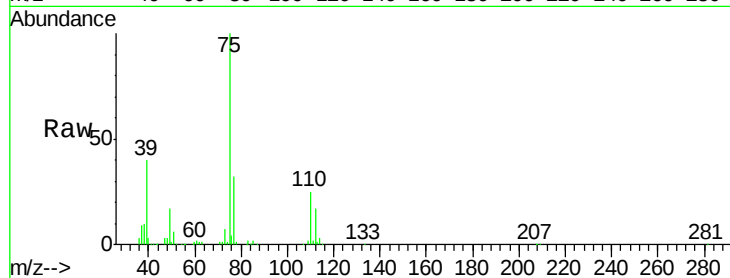
#53  
t-1,3-Dichloropropene  
Concen: 50.187 ug/l  
RT: 9.02 min Scan# 1302  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.7  | 25.5  | 38.3  |

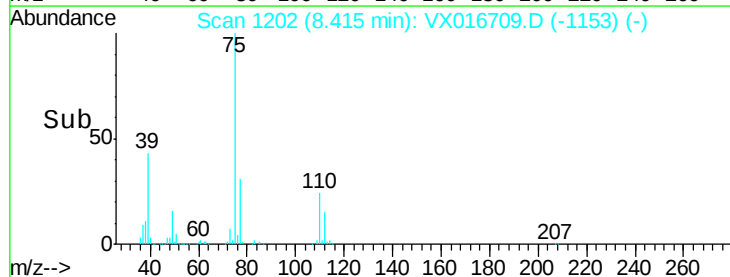
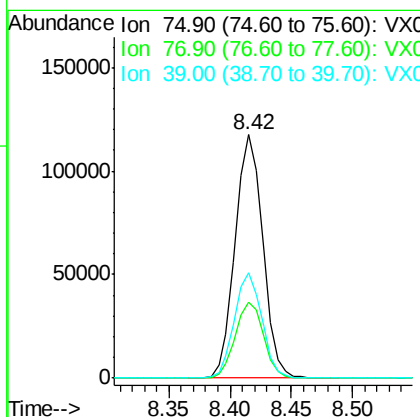
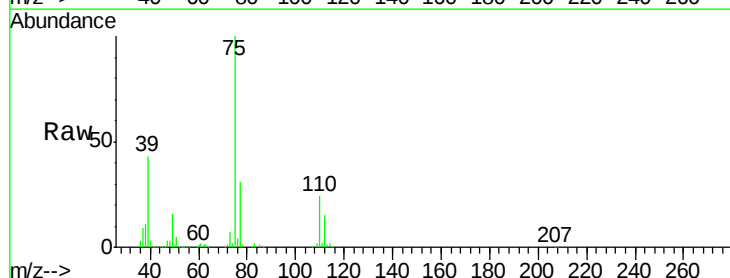
Manual Integrations  
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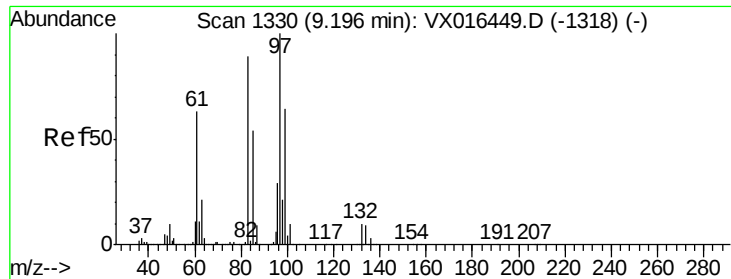
MMDadoda  
6/12/2020 5:45:30 PM



#54  
cis-1,3-Dichloropropene  
Concen: 48.208 ug/l  
RT: 8.42 min Scan# 1202  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.9  | 24.6  | 36.8  |
| 39      | 43.2  | 35.3  | 52.9  |





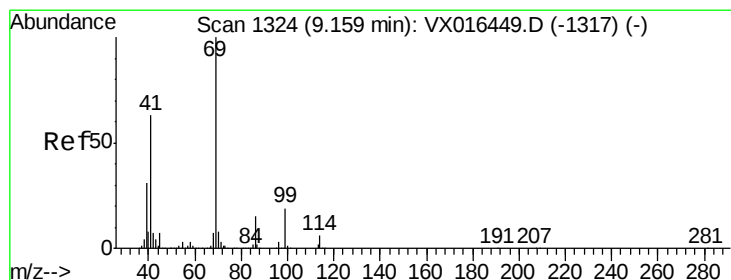
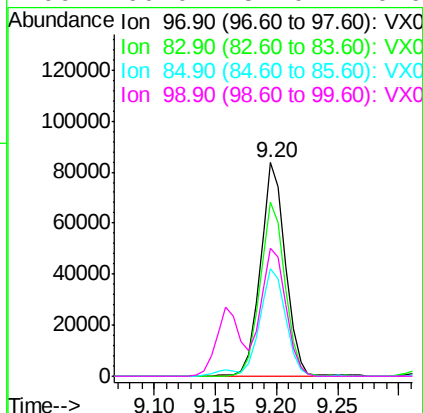
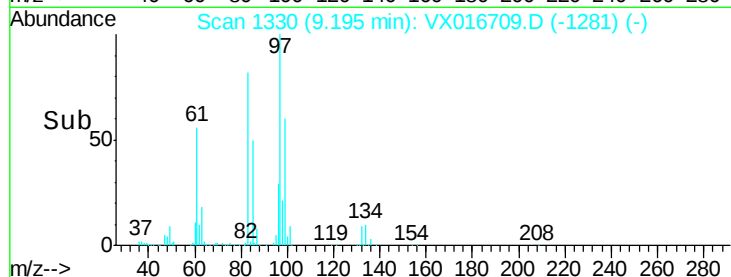
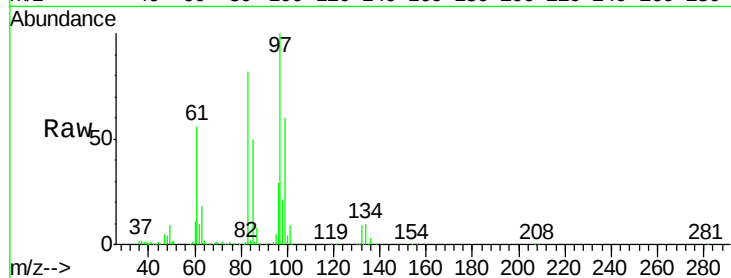
#55  
 1,1,2-Trichloroethane  
 Concen: 52.975 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX016709.D  
 Acq: 11 Jun 2020 17:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF014RW131-200608MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 119128 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 81.7  | 70.9  | 106.3  |
| 85       | 50.4  | 43.4  | 65.2   |
| 99       | 60.0  | 51.0  | 76.6   |

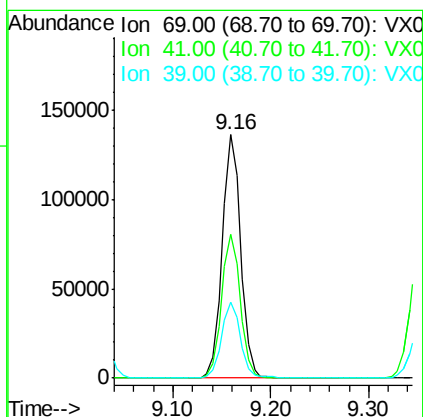
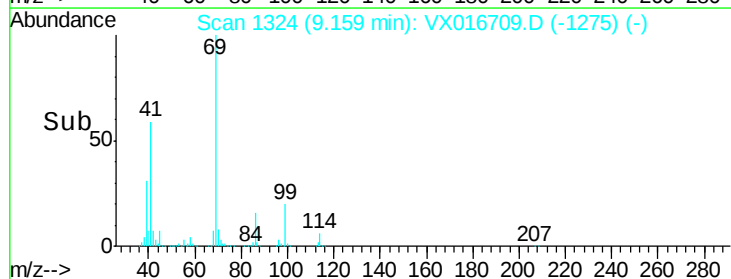
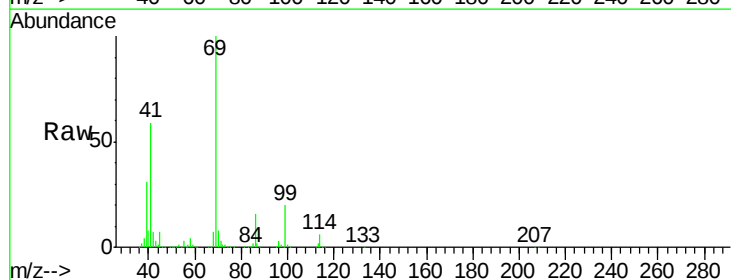
Manual Integrations  
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 6/12/2020 5:45:30 PM



#56  
 Ethyl methacrylate  
 Concen: 48.922 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX016709.D  
 Acq: 11 Jun 2020 17:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 179170 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 60.2  | 50.7  | 76.1   |
| 39       | 31.8  | 25.8  | 38.6   |





#57

1,3-Dichloropropane

Concen: 50.092 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

LF014RW131-200608MS

Tot Ion: 76 Resp: 193349

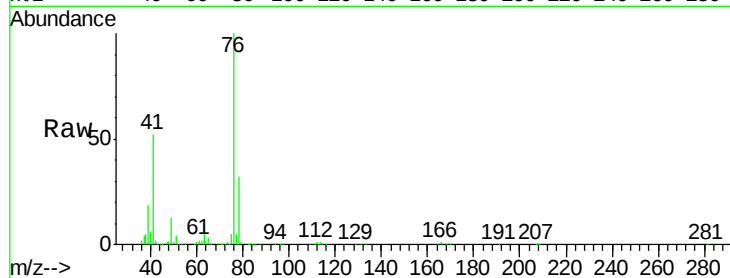
Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

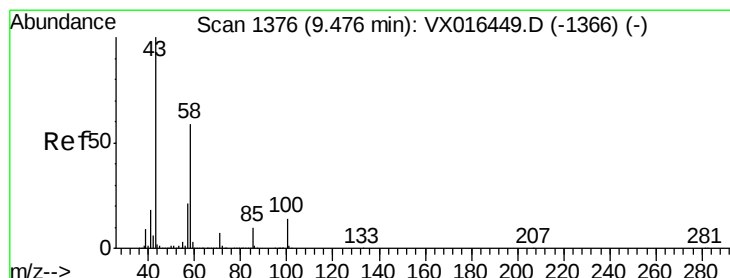
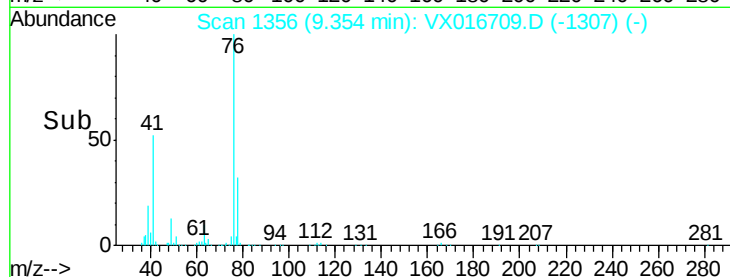
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 233.305 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016709.D

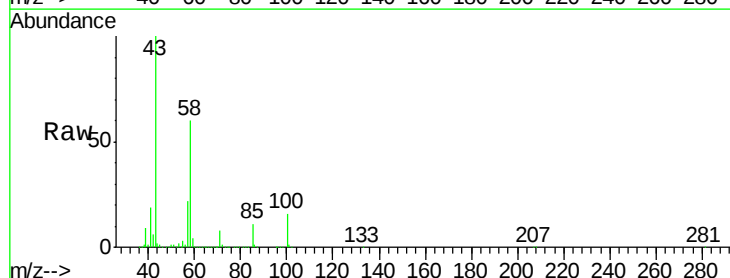
Acq: 11 Jun 2020 17:05

Tgt Ion: 43 Resp: 637174

Ion Ratio Lower Upper

43 100

58 59.4 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

500000

400000

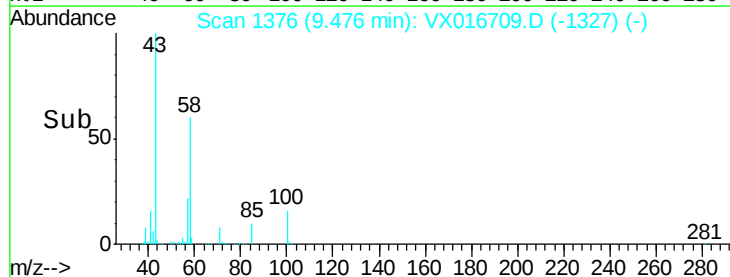
300000

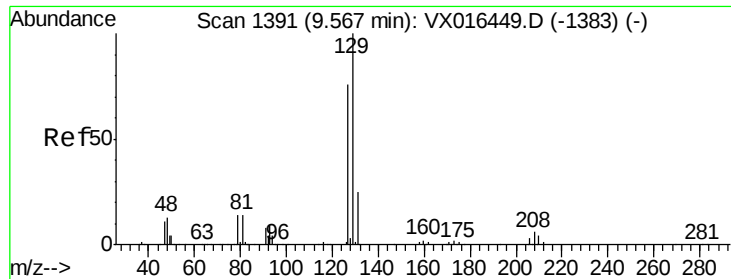
200000

100000

0

Time-->





#60

Dibromochloromethane

Concen: 55.626 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

LF014RW131-200608MS

Tot Ion:129 Resp: 140771

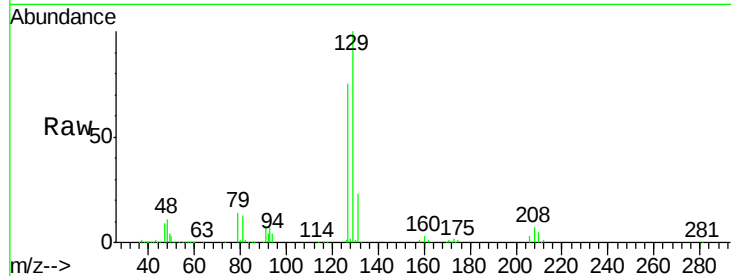
Ion Ratio Lower Upper

129 100

127 76.4 38.6 116.0

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

100000

80000

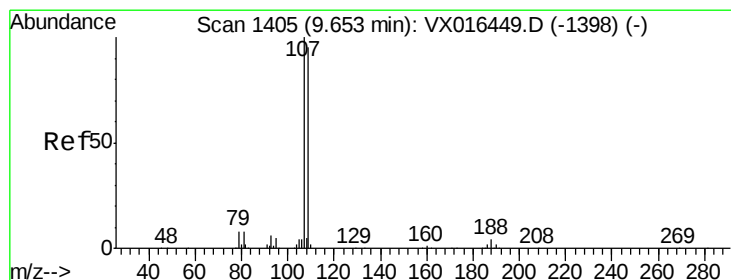
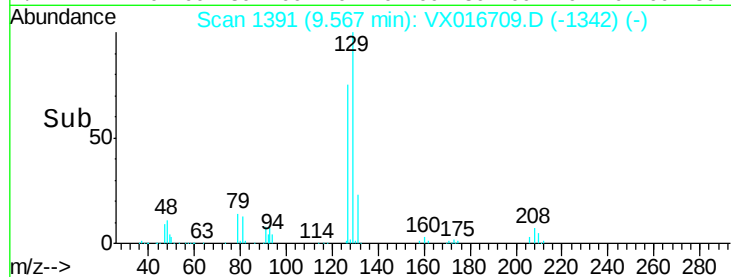
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 51.711 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016709.D

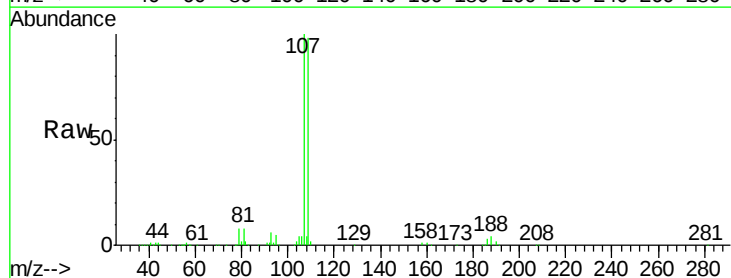
Acq: 11 Jun 2020 17:05

Tgt Ion:107 Resp: 124524

Ion Ratio Lower Upper

107 100

109 95.5 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

100000

80000

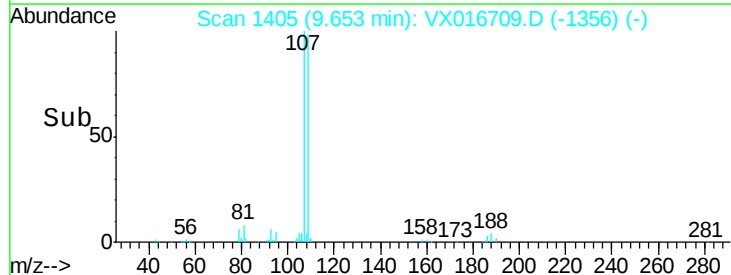
60000

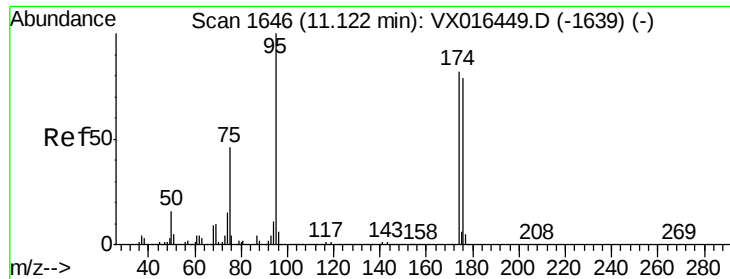
40000

20000

0

Time-->





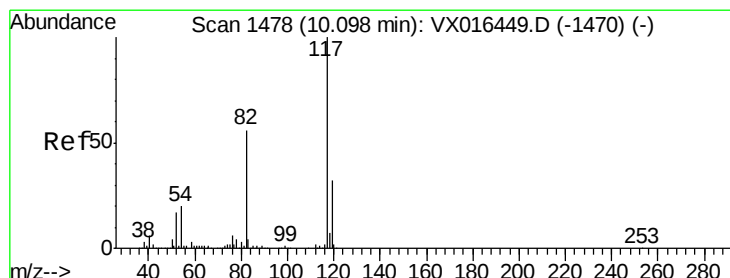
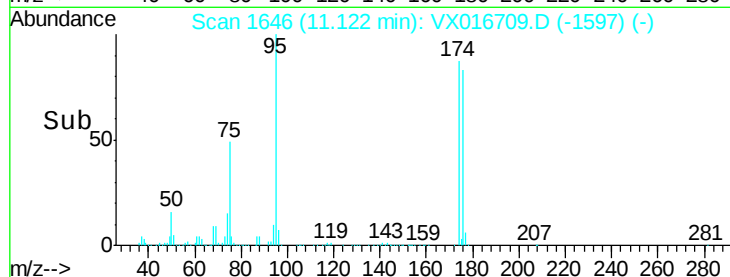
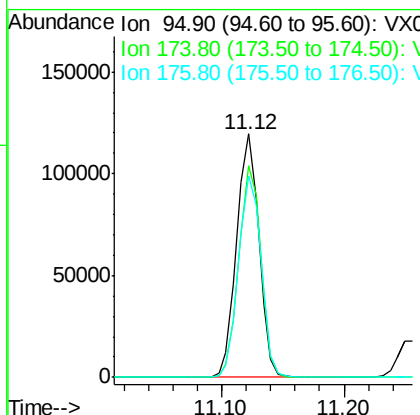
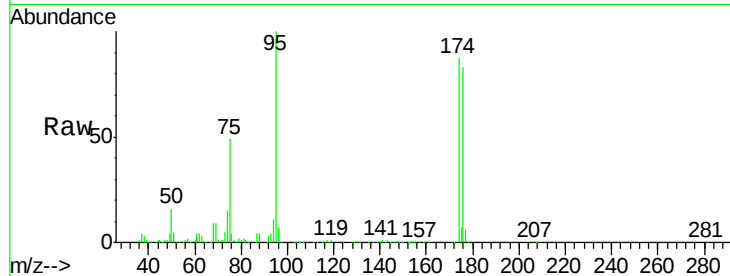
#62  
4-Bromofluorobenzene  
Concen: 50.920 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 149998 |       |       |
| 174     | 86.2  | 0.0    | 163.0 |       |
| 176     | 84.1  | 0.0    | 156.8 |       |

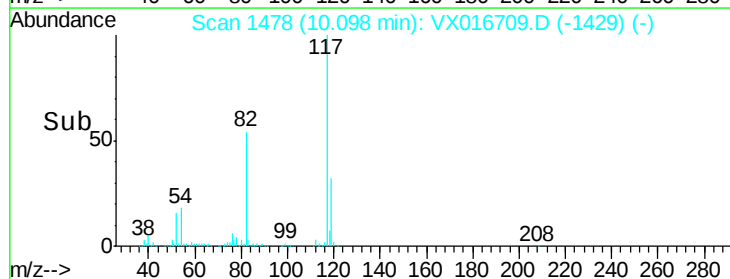
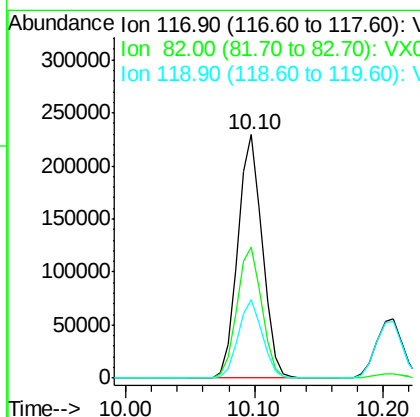
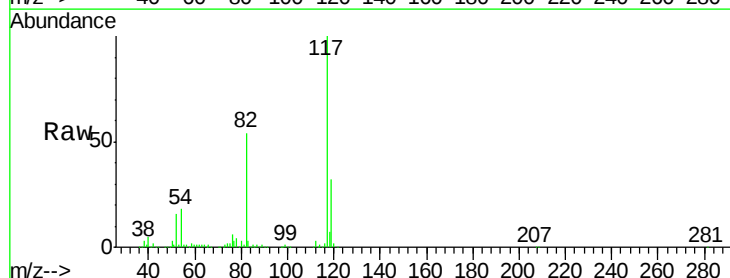
Manual Integrations  
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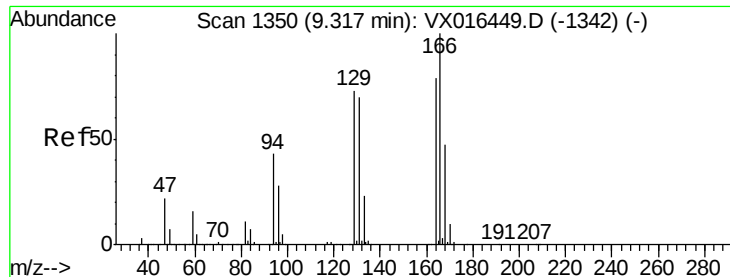
MMDadoda  
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#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 302412 |       |       |
| 82      | 53.6  | 45.0   | 67.6  |       |
| 119     | 32.4  | 25.8   | 38.8  |       |





#64

Tetrachloroethene

Concen: 45.867 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

LF014RW131-200608MS

Tot Ion:164 Resp: 155183

Ion Ratio Lower Upper

164 100

166 126.5 100.9 151.3

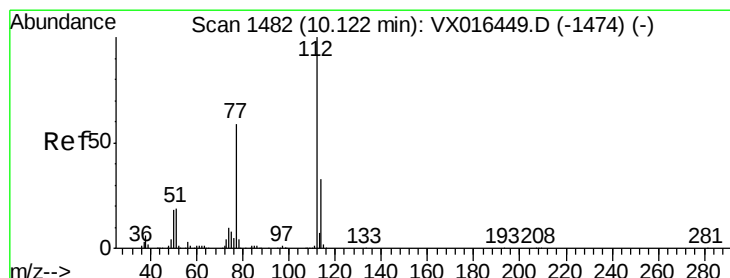
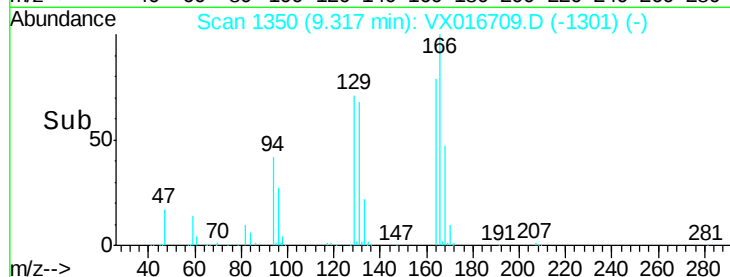
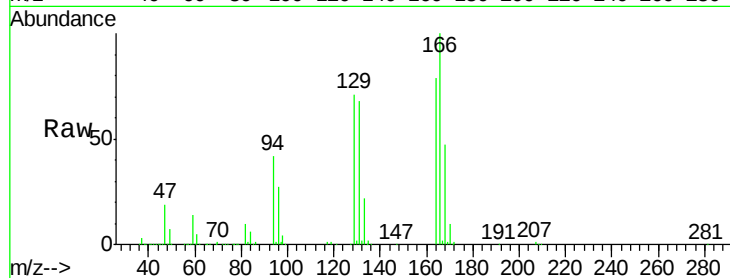
129 90.2 73.2 109.8

131 86.6 70.8 106.2

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#65

Chlorobenzene

Concen: 62.236 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016709.D

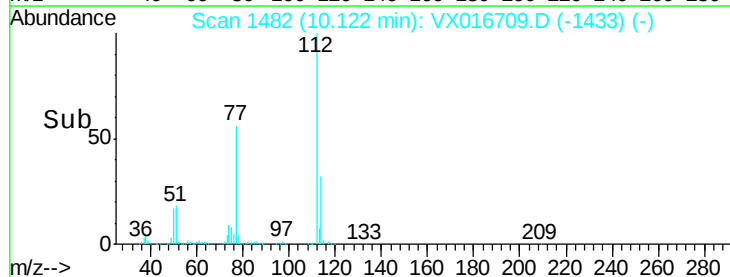
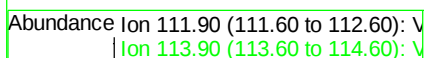
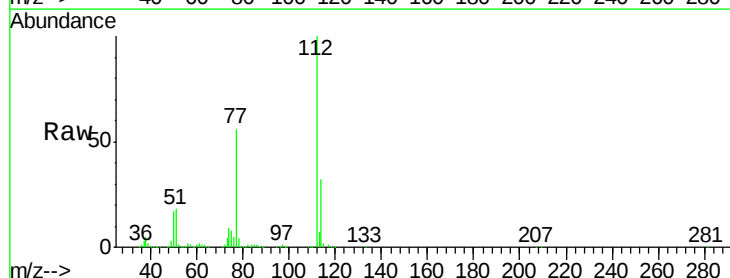
Acq: 11 Jun 2020 17:05

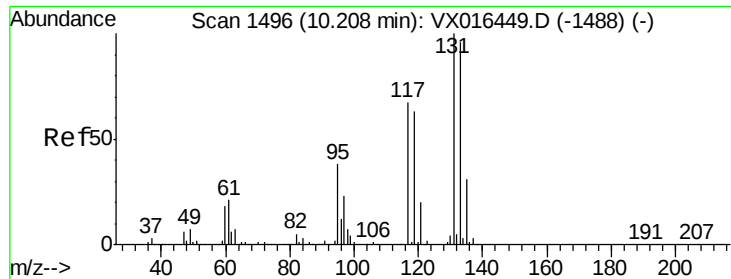
Tgt Ion:112 Resp: 383705

Ion Ratio Lower Upper

112 100

114 32.1 26.0 39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 52.804 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

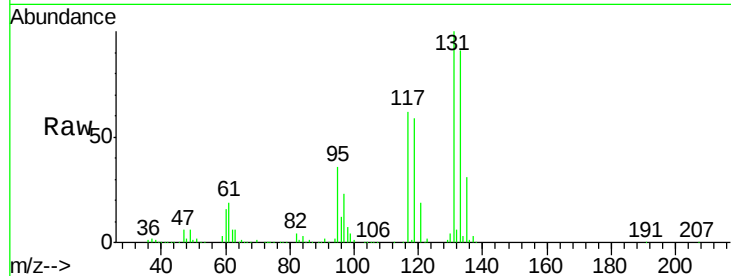
ClientSampleId :

LF014RW131-200608MS

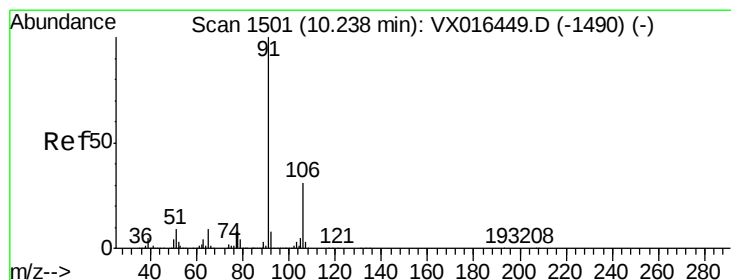
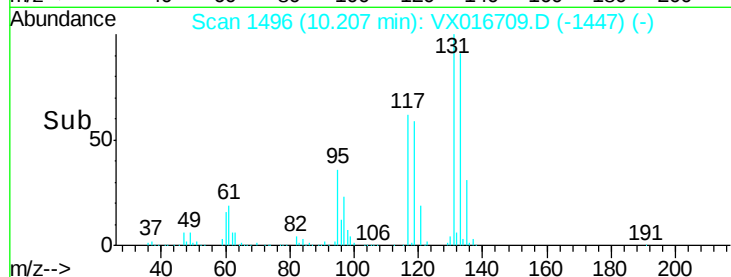
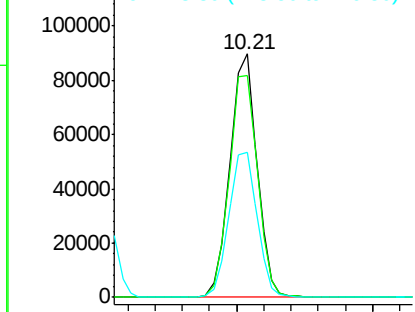
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 131   | Resp: | 124274 |
| Ion Ratio | Lower | Upper |        |
| 131       | 100   |       |        |
| 133       | 95.7  | 48.4  | 145.3  |
| 119       | 62.5  | 32.0  | 96.2   |

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Abundance Ion 130.80 (130.50 to 131.50): V  
Ion 132.80 (132.50 to 133.50): V  
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 48.941 ug/l

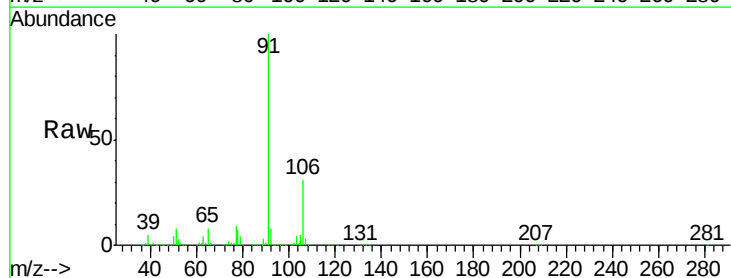
RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

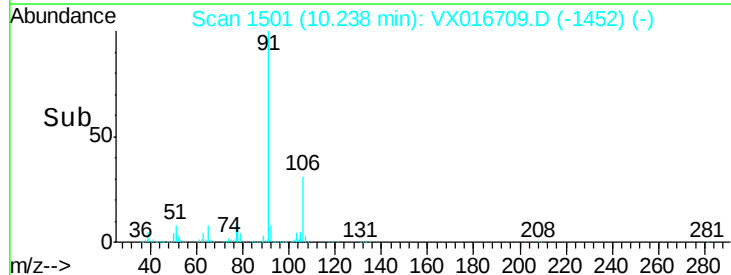
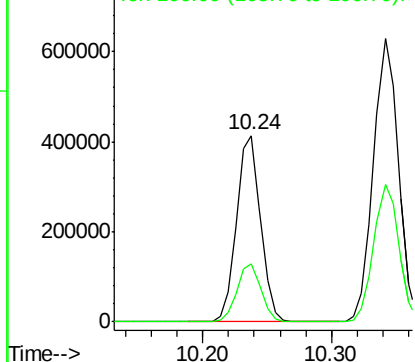
Lab File: VX016709.D

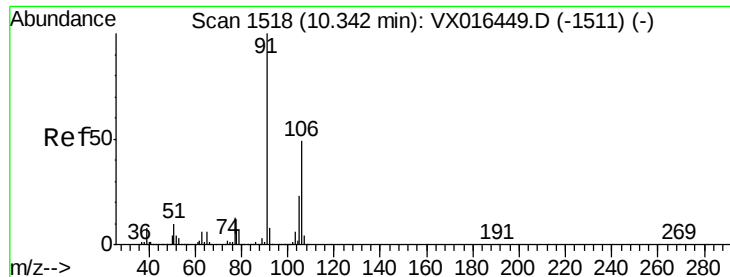
Acq: 11 Jun 2020 17:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 537228 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 106       | 31.4  | 25.0  | 37.4   |



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 106.00 (105.70 to 106.70): V





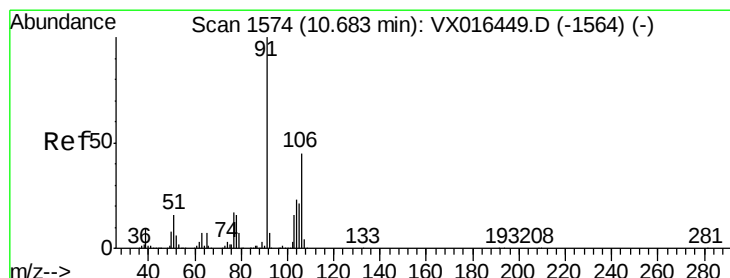
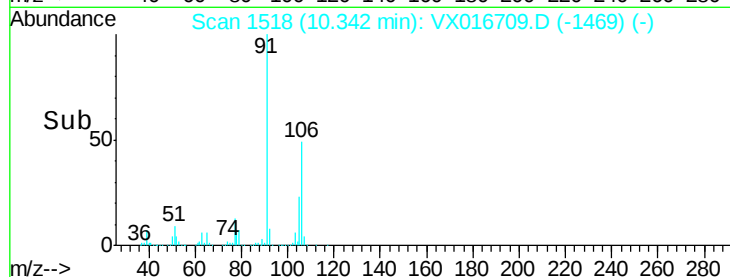
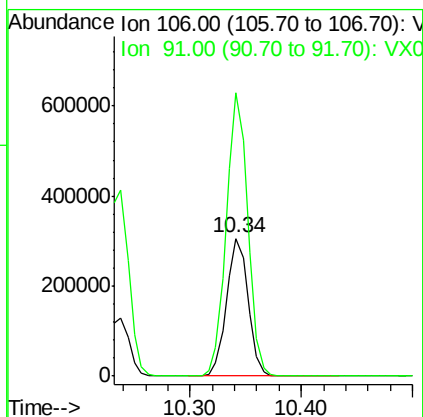
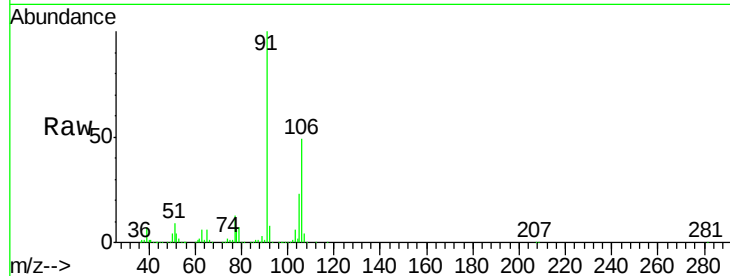
#68  
m/p-Xylenes  
Concen: 100.528 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

Tot Ion:106 Resp: 409142  
Ion Ratio Lower Upper  
106 100  
91 204.7 163.8 245.8

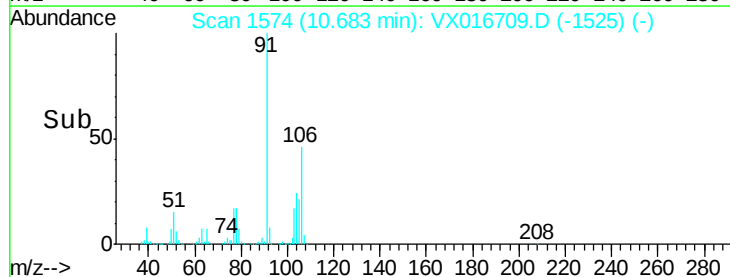
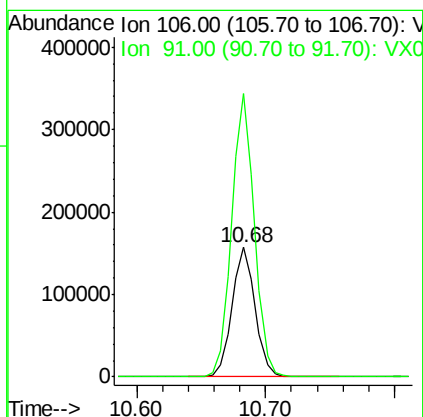
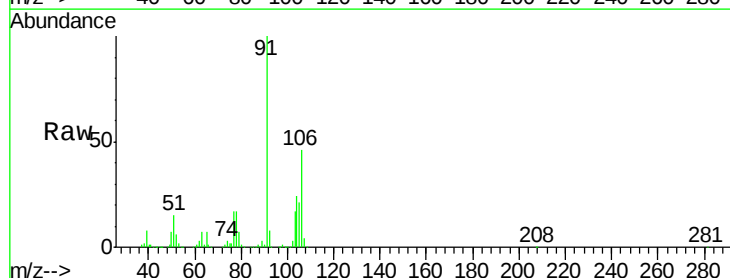
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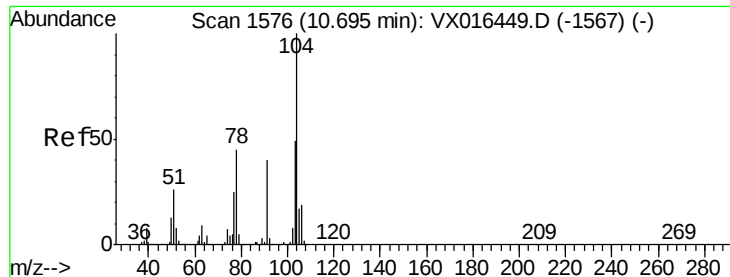
MMDadoda  
6/12/2020 5:45:30 PM



#69  
o-Xylene  
Concen: 49.657 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Tgt Ion:106 Resp: 195725  
Ion Ratio Lower Upper  
106 100  
91 216.0 109.6 328.8





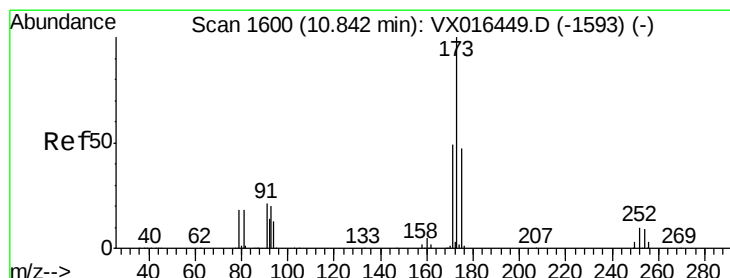
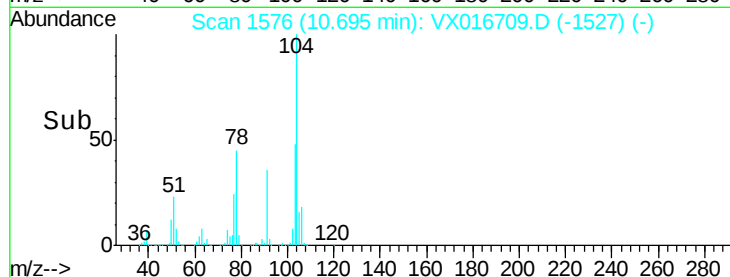
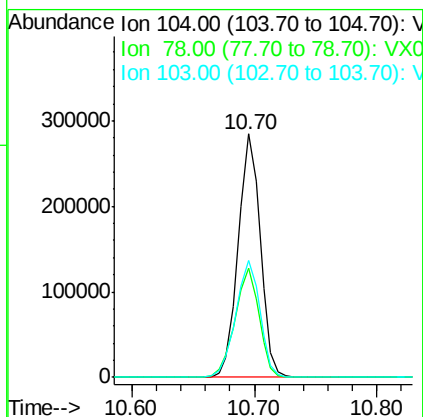
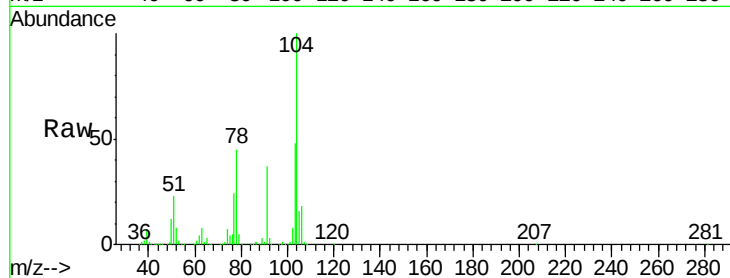
#70  
Stvrene  
Concen: 52.345 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 354637 |       |       |
| 78      | 49.0  |        | 40.2  | 60.2  |
| 103     | 53.0  |        | 43.1  | 64.7  |

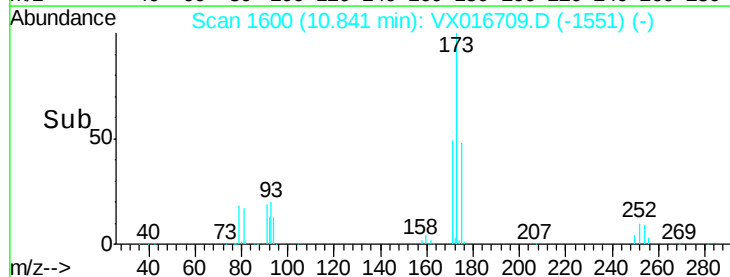
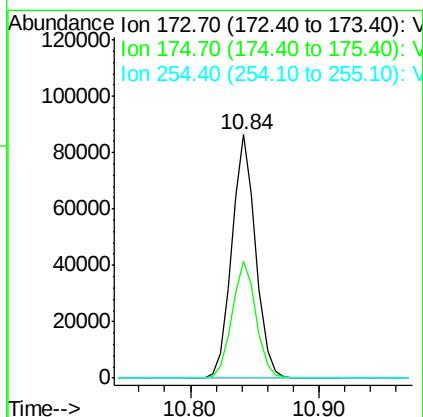
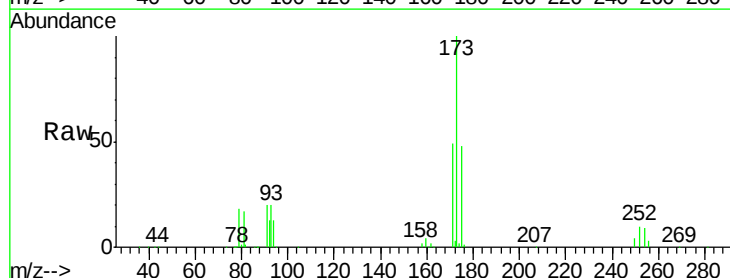
Manual Integrations  
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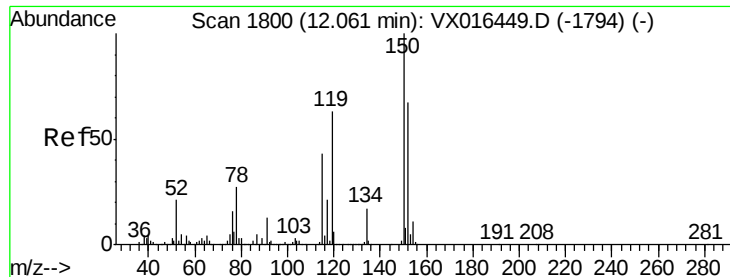
MMDadoda  
6/12/2020 5:45:30 PM



#71  
Bromoform  
Concen: 55.627 ug/l  
RT: 10.84 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 173     | 100   | 110643 |       |       |
| 175     | 48.7  |        | 23.9  | 71.7  |
| 254     | 0.0   |        | 0.1   | 0.1#  |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

LF014RW131-200608MS

Tot Ion:152 Resp: 160308

Ion Ratio Lower Upper

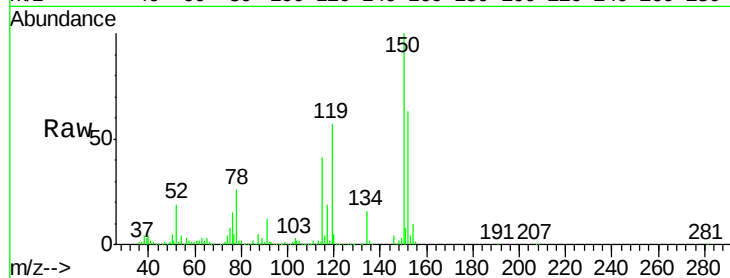
152 100

115 80.3 39.9 119.6

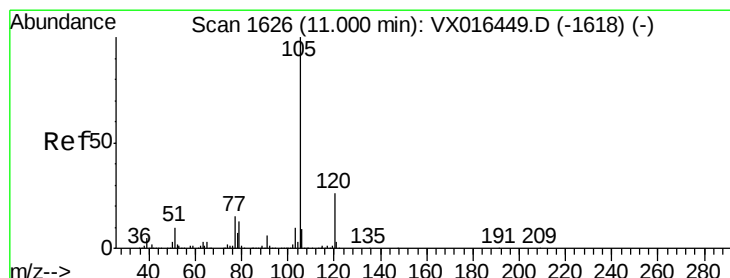
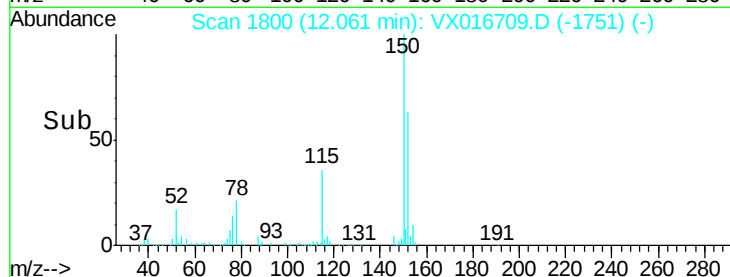
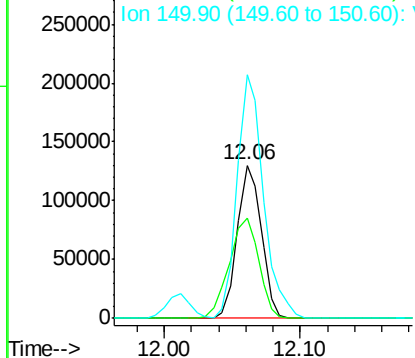
150 174.1 0.0 341.0

Manual Integrations  
APPROVED

MMDadoda  
6/12/2020 5:45:30 PM



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



#73

Isopropylbenzene

Concen: 47.432 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016709.D

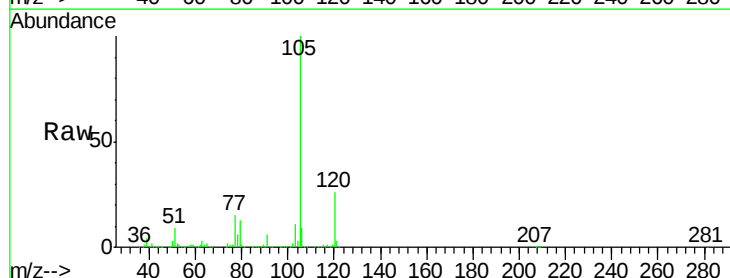
Acq: 11 Jun 2020 17:05

Tgt Ion:105 Resp: 526852

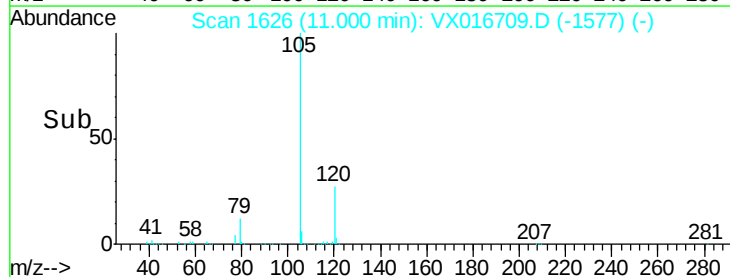
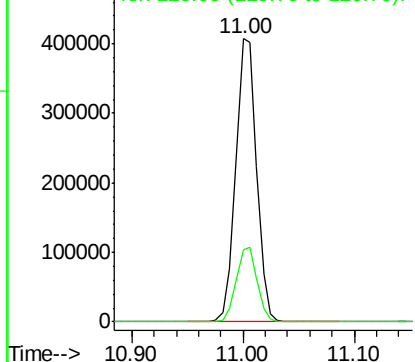
Ion Ratio Lower Upper

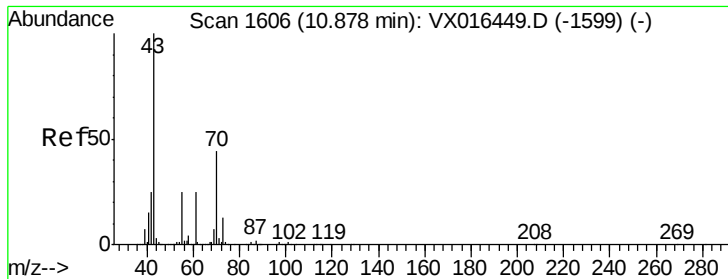
105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 40.405 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

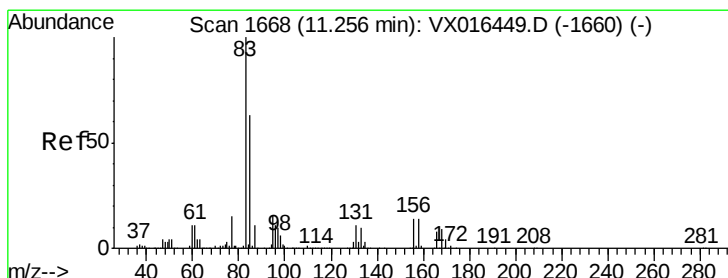
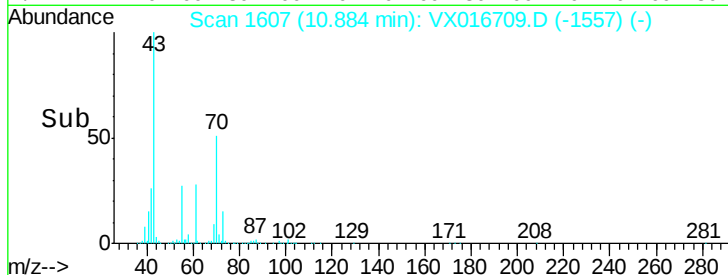
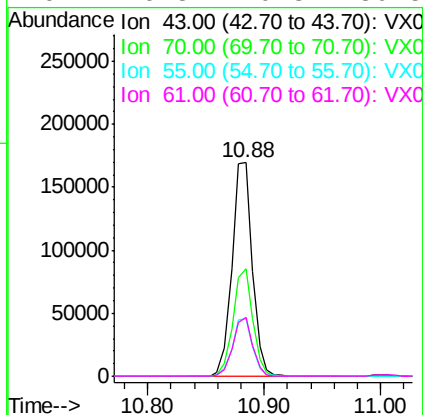
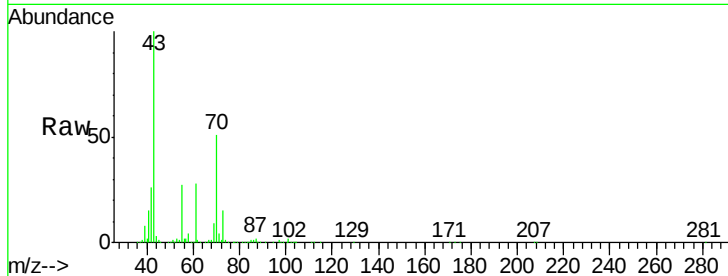
ClientSampleId :

LF014RW131-200608MS

| Tot Ion   | 43    | Resp  | 206435 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 70        | 49.0  | 36.1  | 54.1   |
| 55        | 26.8  | 20.2  | 30.4   |
| 61        | 26.8  | 20.3  | 30.5   |

Manual Integrations  
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#75

1,1,2,2-Tetrachloroethane

Concen: 53.081 ug/l

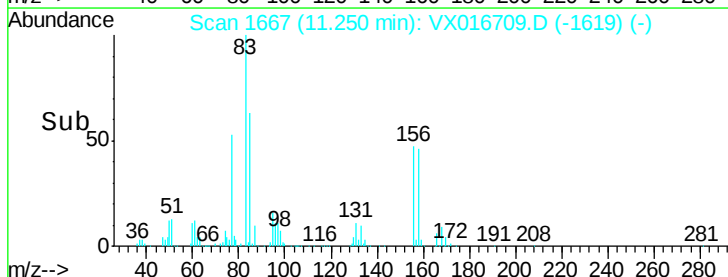
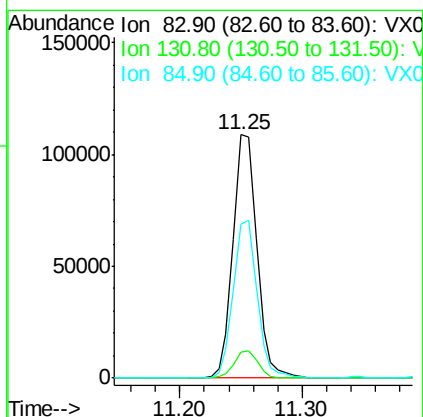
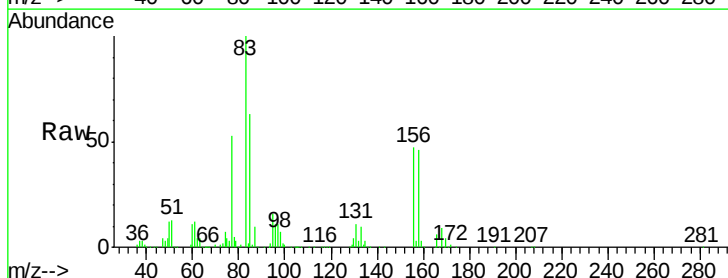
RT: 11.25 min Scan# 1667

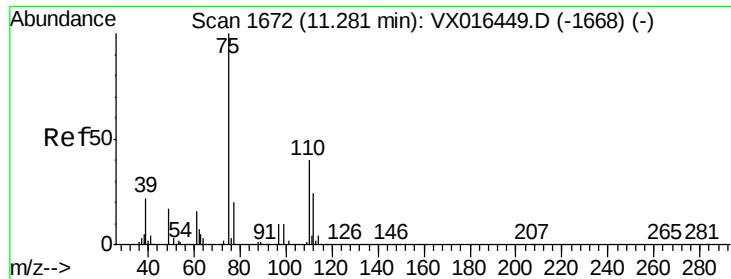
Delta R.T. -0.01 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

| Tgt Ion   | 83    | Resp  | 147763 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.3  | 5.1   | 15.3   |
| 85        | 64.3  | 32.0  | 96.2   |





#76

1,2,3-Trichloropropane

Concen: 47.229 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

LF014RW131-200608MS

Tot Ion: 75 Resp: 166420

Ion Ratio Lower Upper

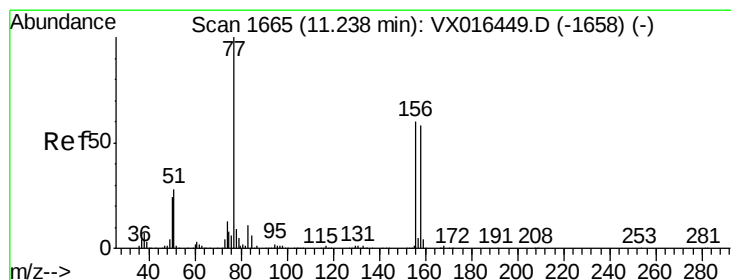
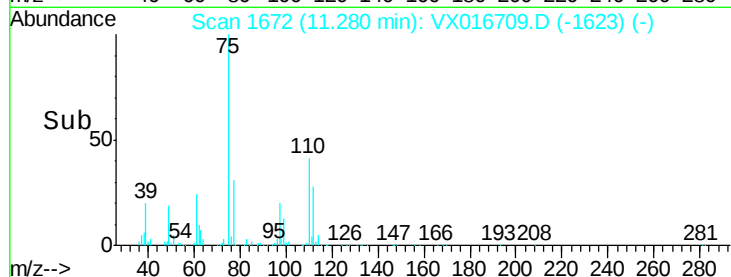
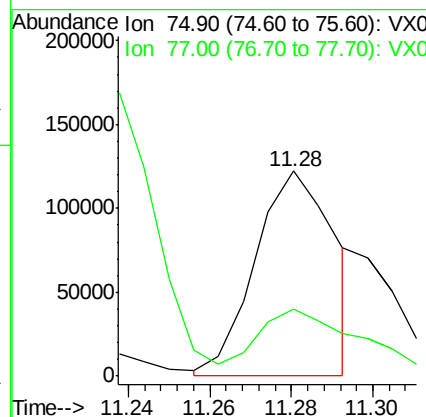
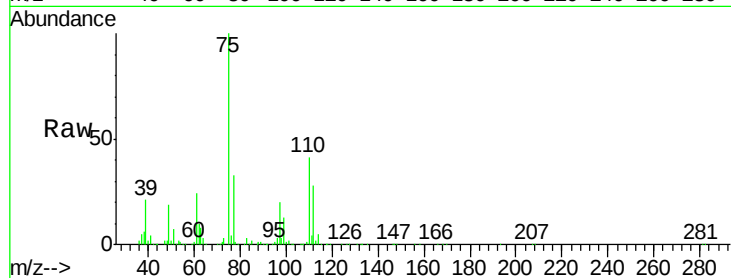
75 100

77 42.5 21.3 63.7

Manual Integrations  
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#77

Bromobenzene

Concen: 48.969 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

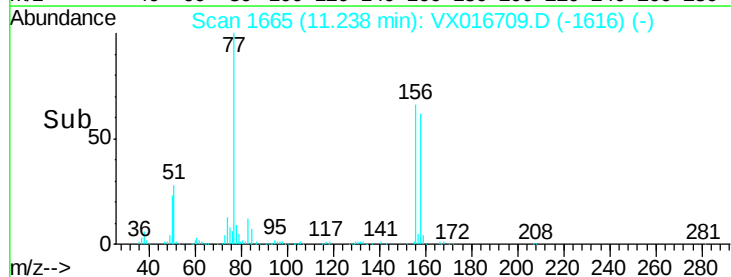
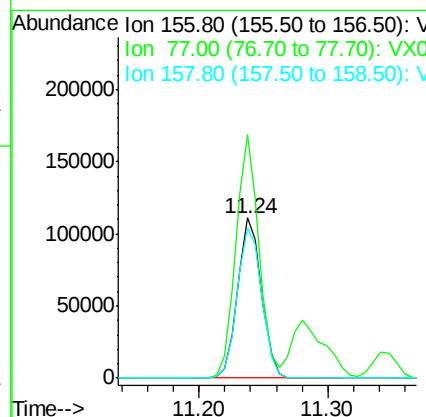
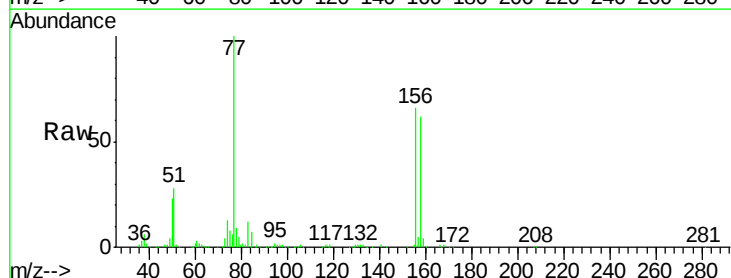
Tgt Ion: 156 Resp: 142661

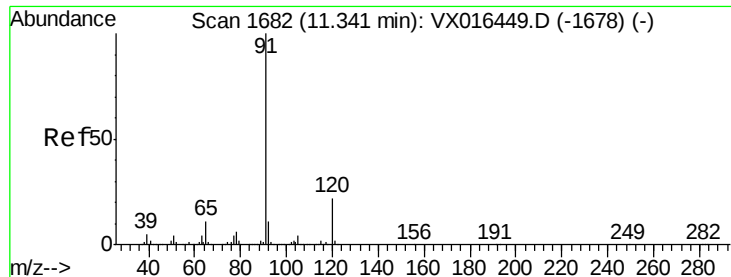
Ion Ratio Lower Upper

156 100

77 149.0 79.6 238.8

158 96.5 48.1 144.4





#78

n-propylbenzene

Concen: 46.970 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

LF014RW131-200608MS

Tot Ion: 91 Resp: 582867

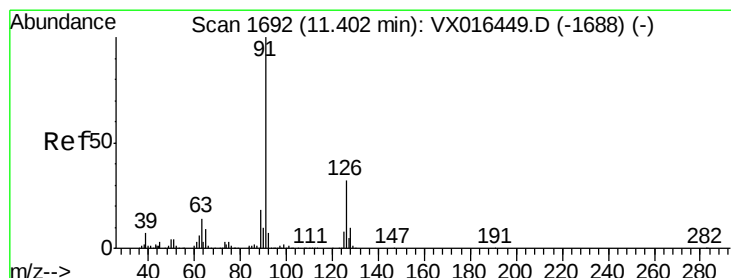
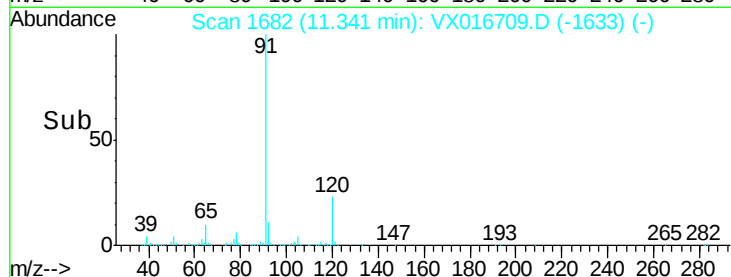
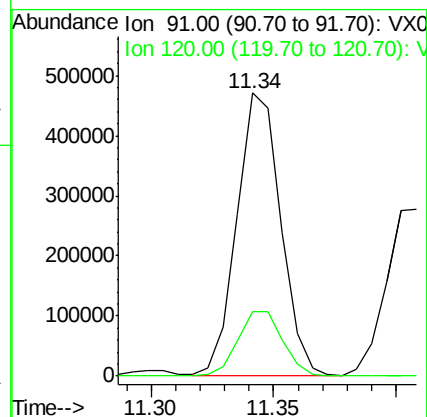
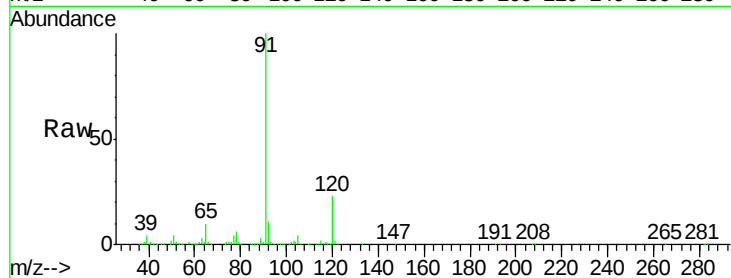
Ion Ratio Lower Upper

91 100

120 23.6 11.6 34.7

Manual Integrations  
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#79

2-Chlorotoluene

Concen: 47.546 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016709.D

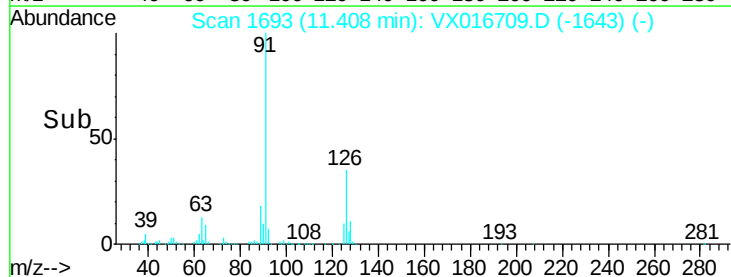
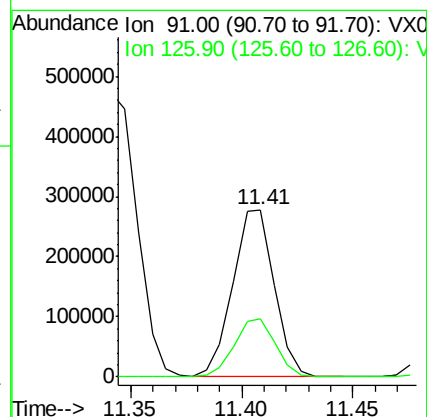
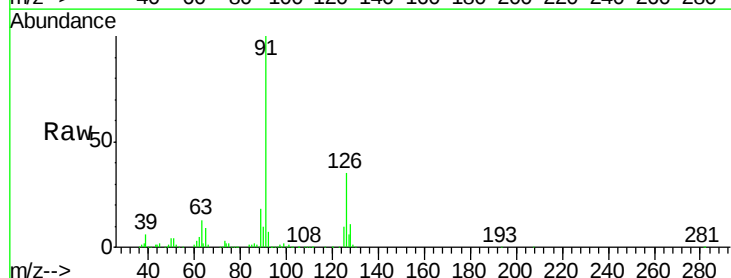
Acq: 11 Jun 2020 17:05

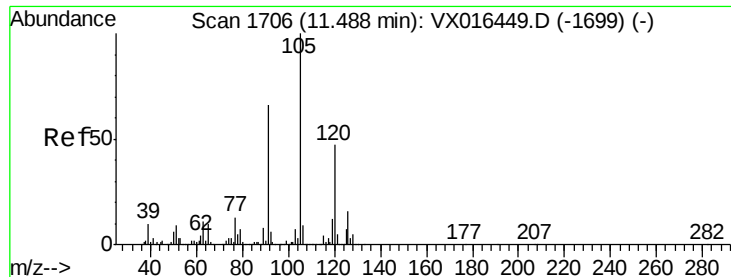
Tgt Ion: 91 Resp: 360144

Ion Ratio Lower Upper

91 100

126 34.4 16.8 50.3





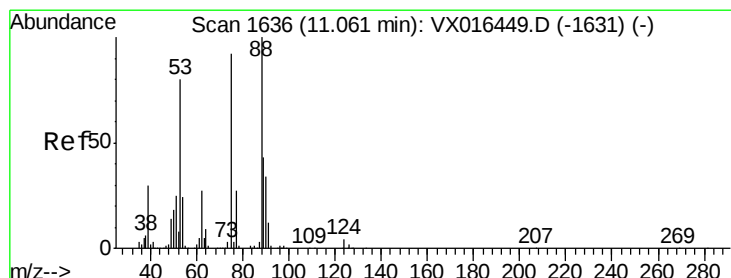
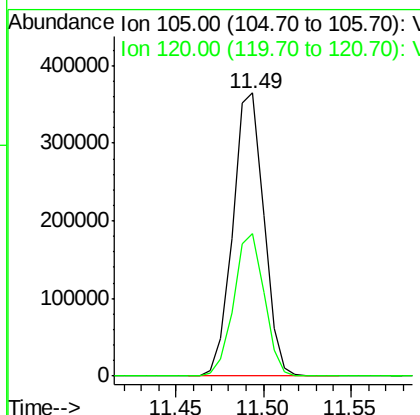
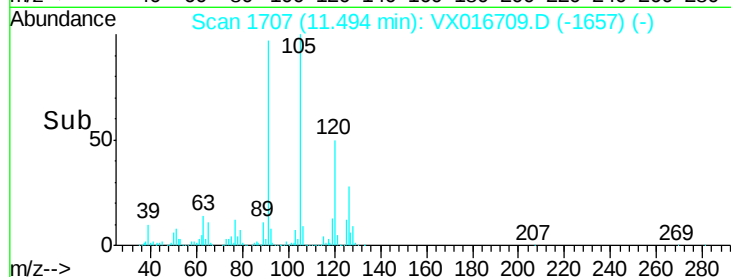
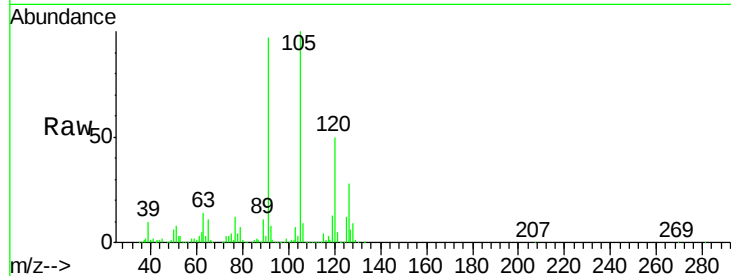
#80  
 1,3,5-Trimethylbenzene  
 Concen: 48.552 ug/l  
 RT: 11.49 min Scan# 1707  
 Delta R.T. 0.01 min  
 Lab File: VX016709.D  
 Acq: 11 Jun 2020 17:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF014RW131-200608MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 49.7  | 24.3  | 72.8  |

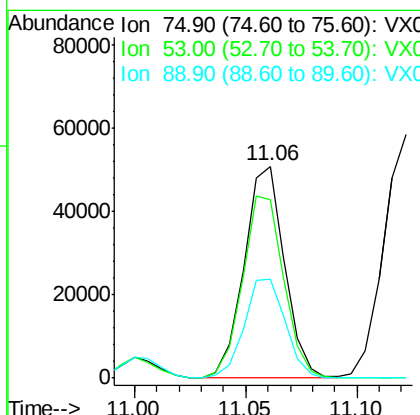
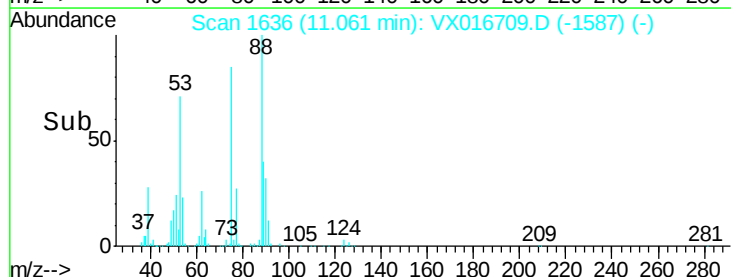
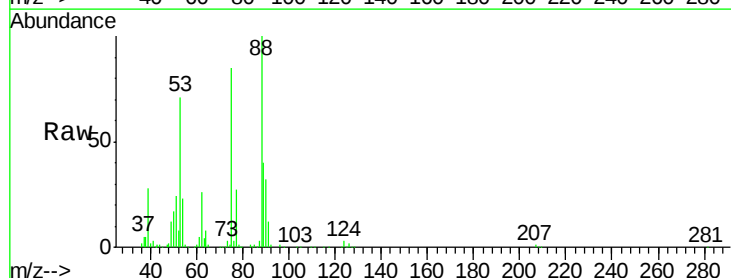
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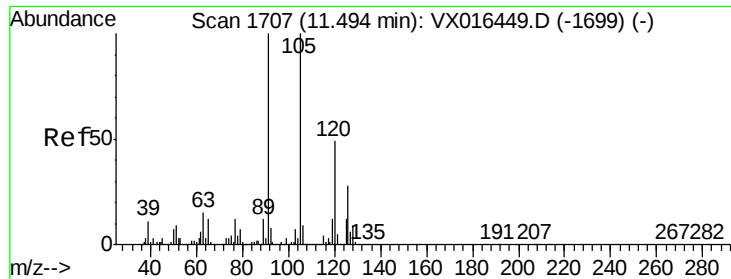
MMDadoda  
 6/12/2020 5:45:30 PM



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 44.680 ug/l  
 RT: 11.06 min Scan# 1636  
 Delta R.T. -0.00 min  
 Lab File: VX016709.D  
 Acq: 11 Jun 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 88.2  | 71.3  | 106.9 |
| 89      | 48.2  | 36.6  | 55.0  |





#82

4-Chlorotoluene

Concen: 48.212 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

ClientSampleId :

LF014RW131-200608MS

Tot Ion: 91 Resp: 431246

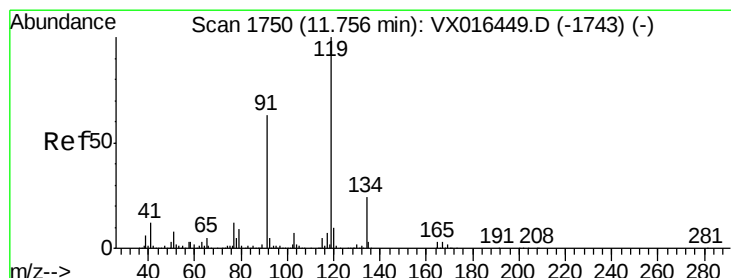
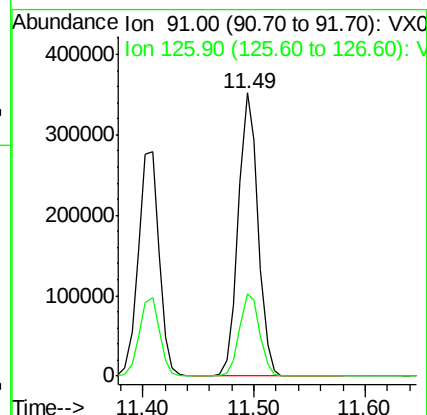
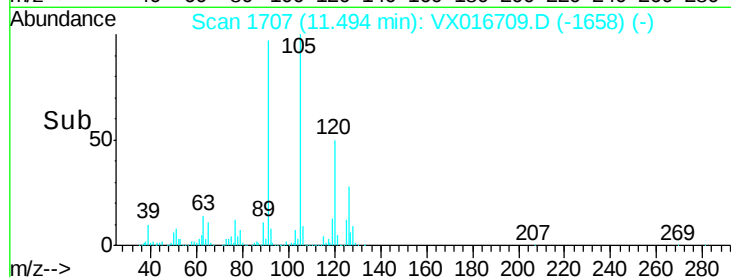
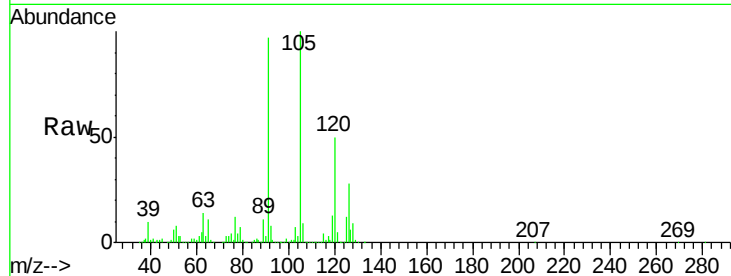
Ion Ratio Lower Upper

91 100

126 29.9 14.7 44.1

Manual Integrations  
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6/12/2020 5:45:30 PM



#83

tert-Butylbenzene

Concen: 49.981 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

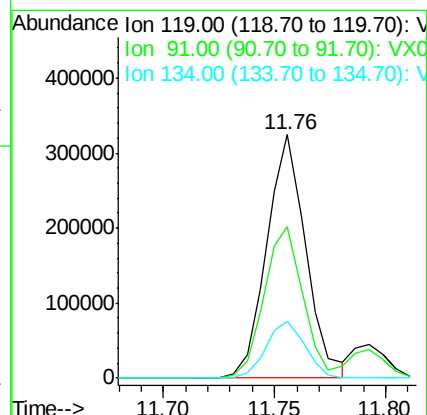
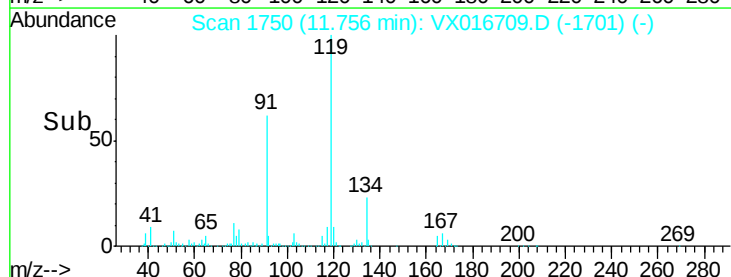
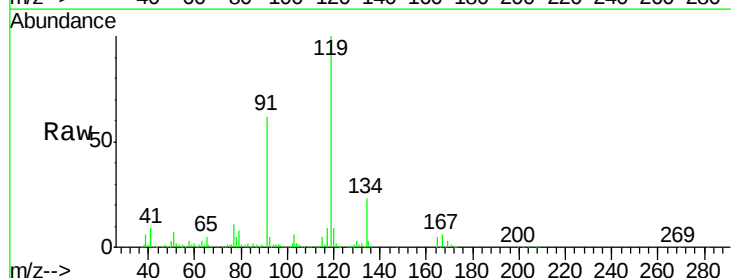
Tgt Ion: 119 Resp: 396084

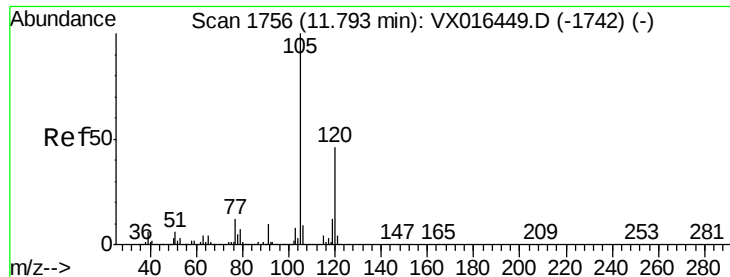
Ion Ratio Lower Upper

119 100

91 61.6 31.3 93.8

134 23.4 12.0 36.0





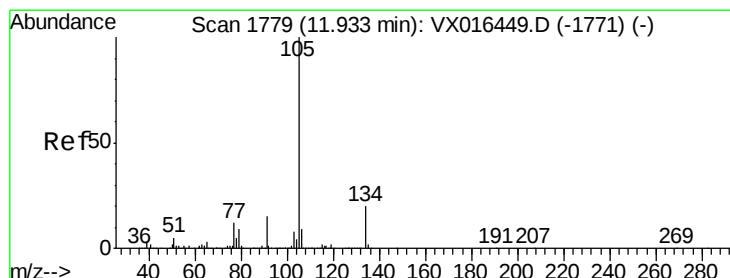
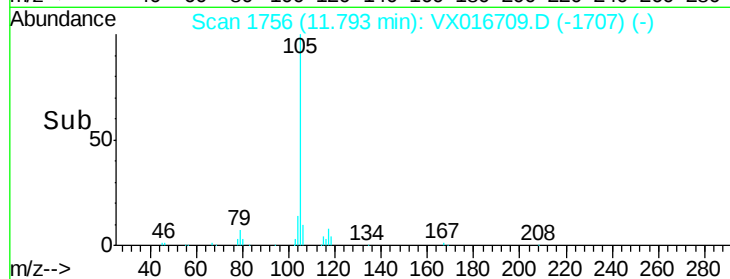
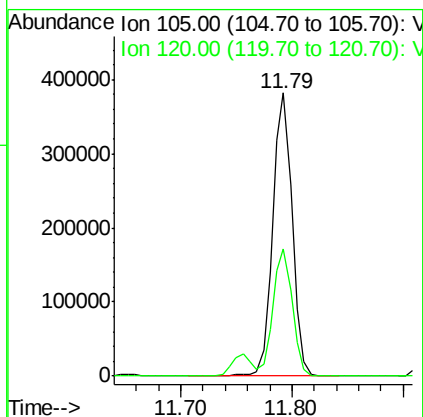
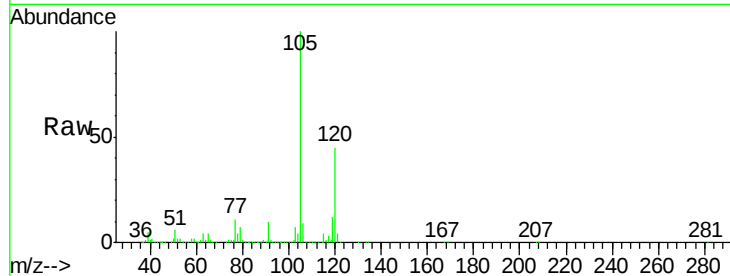
#84  
1,2,4-Trimethylbenzene  
Concen: 49.093 ug/l  
RT: 11.79 min Scan# 1756  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.1  | 22.6  | 67.7  |

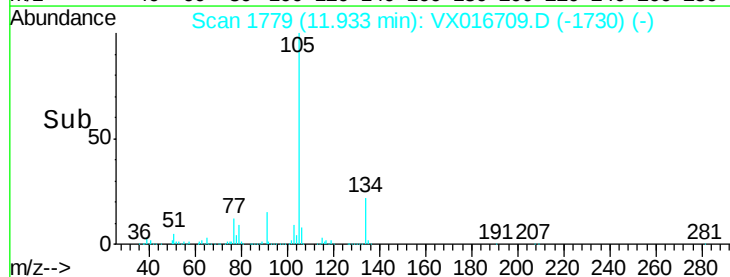
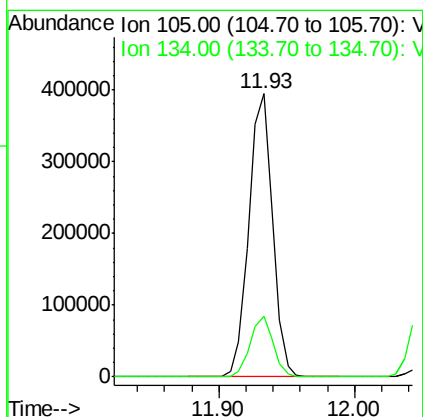
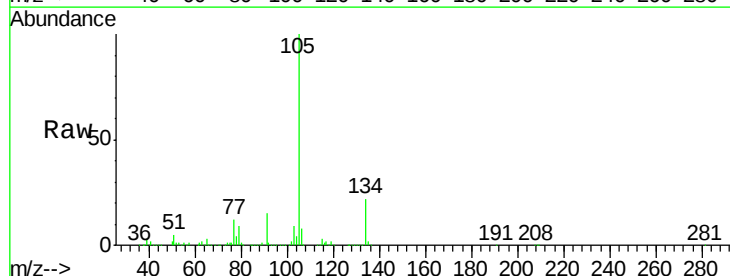
Manual Integrations  
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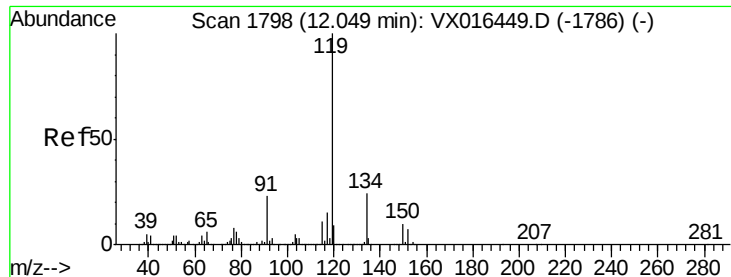
MMDadoda  
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#85  
sec-Butylbenzene  
Concen: 48.558 ug/l  
RT: 11.93 min Scan# 1779  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.9  | 10.1  | 30.3  |





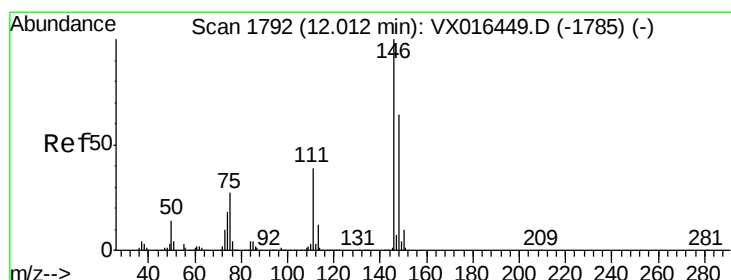
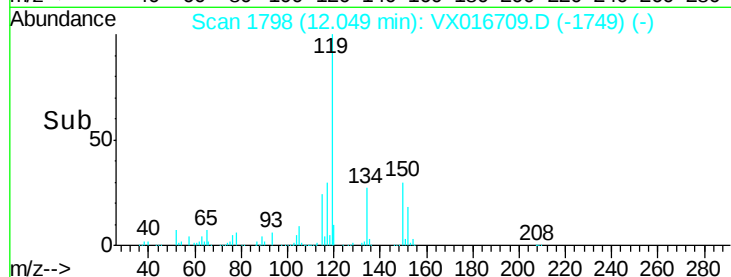
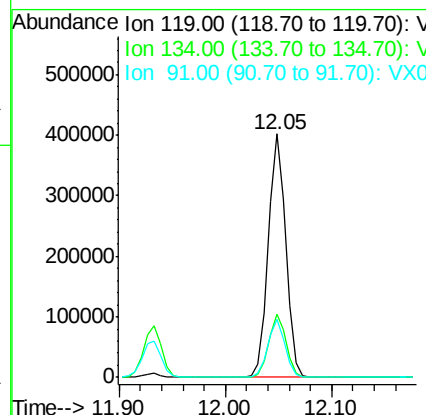
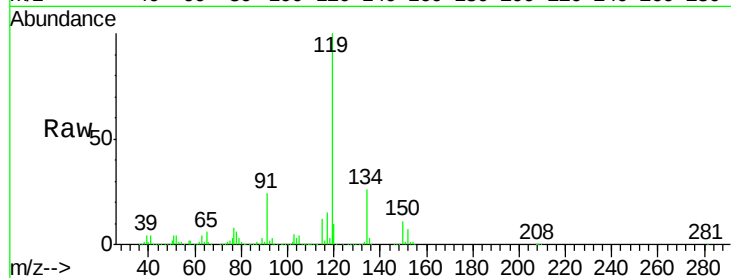
#86  
p-Isopropyltoluene  
Concen: 49.850 ug/l  
RT: 12.05 min Scan# 1798  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 464221 |       |       |
| 134     | 25.8  | 12.7   | 38.0  |       |
| 91      | 23.3  | 11.7   | 35.0  |       |

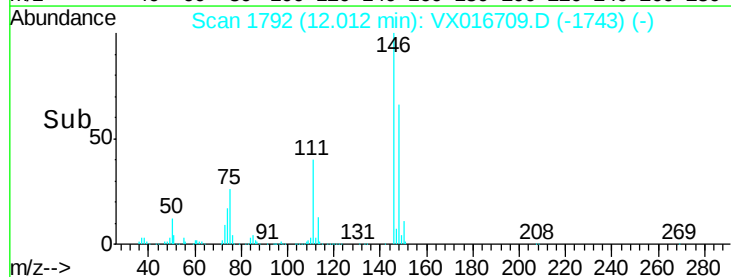
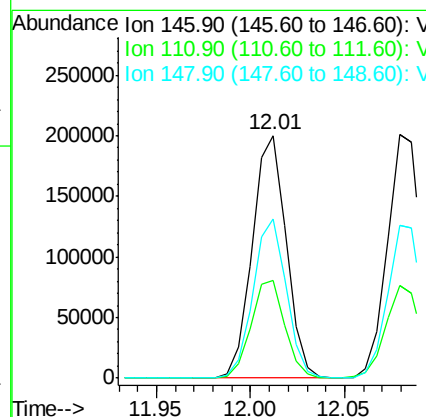
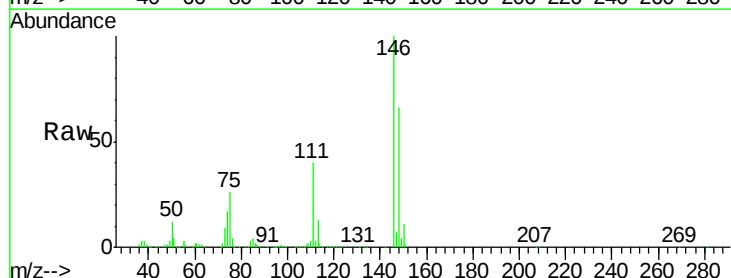
Manual Integrations  
APPROVED

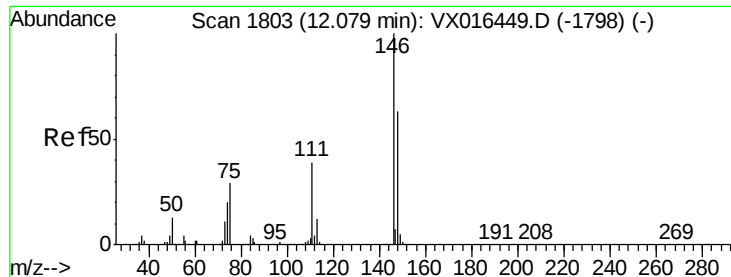
MMDadoda  
6/12/2020 5:45:30 PM



#87  
1,3-Dichlorobenzene  
Concen: 49.483 ug/l  
RT: 12.01 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 249749 |       |       |
| 111     | 40.1  | 20.0   | 60.0  |       |
| 148     | 64.0  | 31.9   | 95.5  |       |





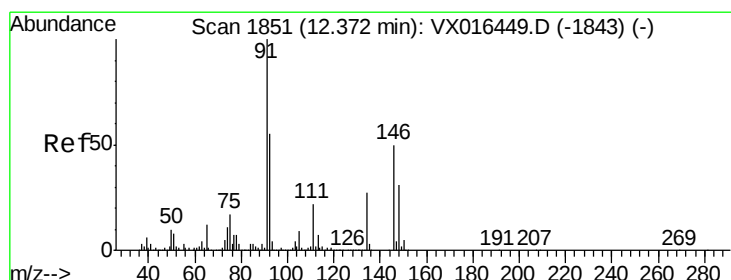
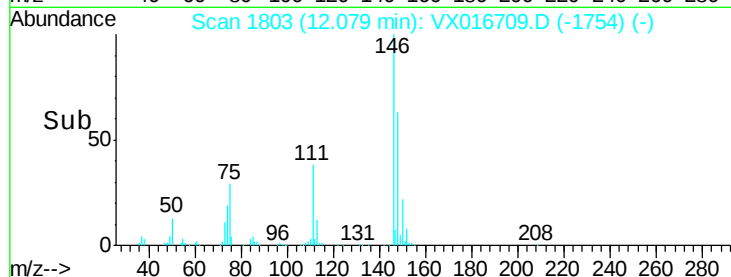
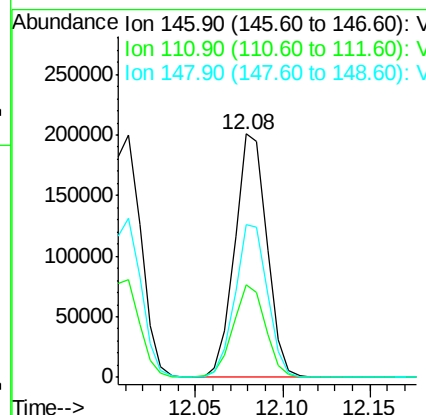
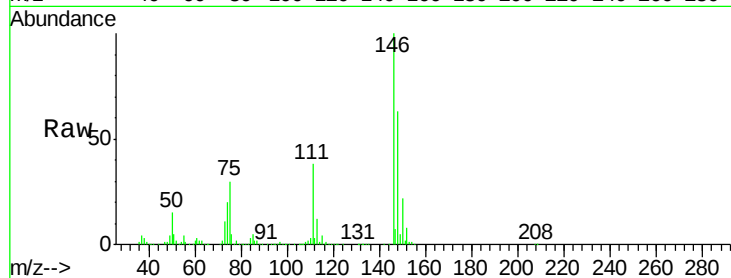
#88  
 1,4-Dichlorobenzene  
 Concen: 49.695 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VX016709.D  
 Acq: 11 Jun 2020 17:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF014RW131-200608MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.5  | 19.4  | 58.2  |
| 148     | 63.1  | 31.4  | 94.3  |

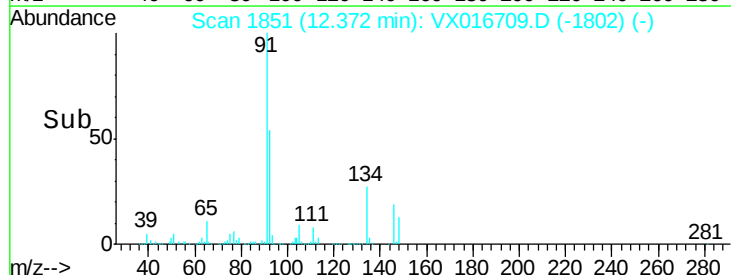
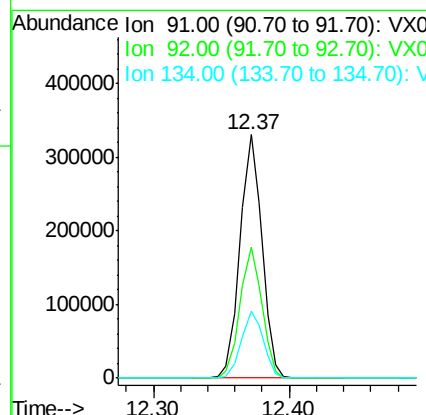
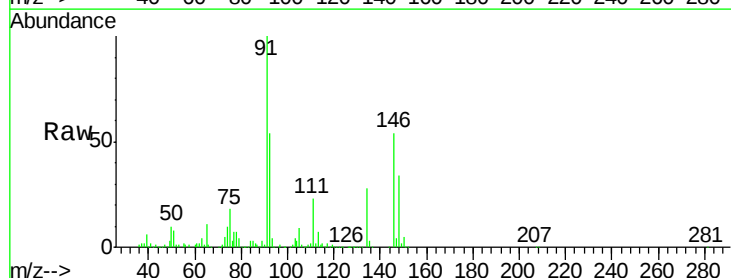
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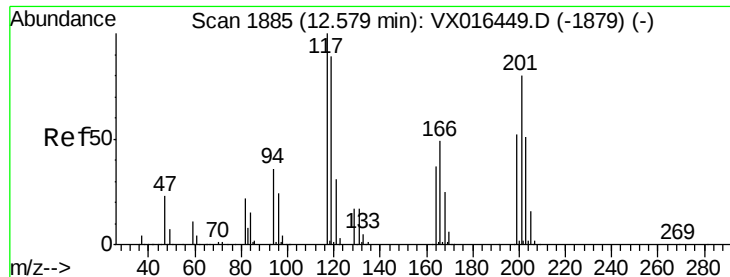
MMDadoda  
 6/12/2020 5:45:30 PM



#89  
 n-Butylbenzene  
 Concen: 47.861 ug/l  
 RT: 12.37 min Scan# 1851  
 Delta R.T. -0.00 min  
 Lab File: VX016709.D  
 Acq: 11 Jun 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.1  | 27.2  | 81.5  |
| 134     | 27.7  | 13.1  | 39.3  |





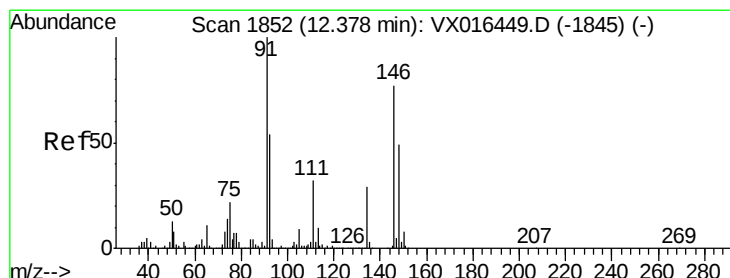
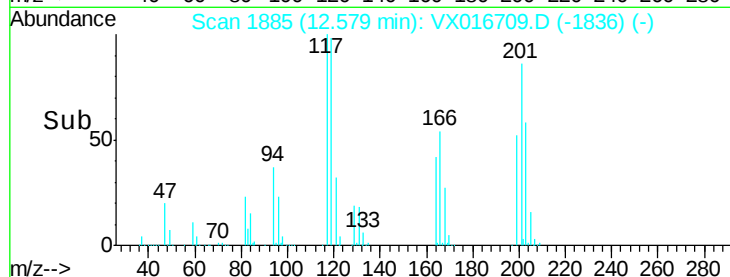
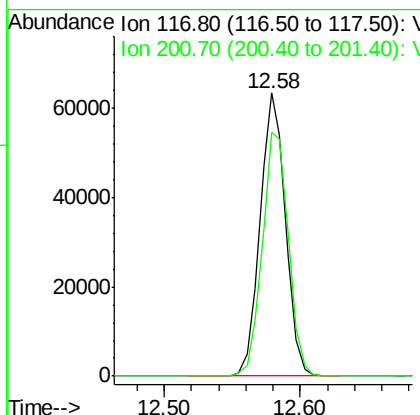
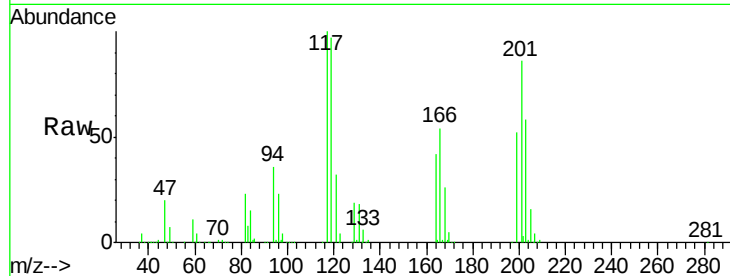
#90  
Hexachloroethane  
Concen: 51.527 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF014RW131-200608MS

Tot Ion:117 Resp: 82882  
Ion Ratio Lower Upper  
117 100  
201 88.9 43.1 129.3

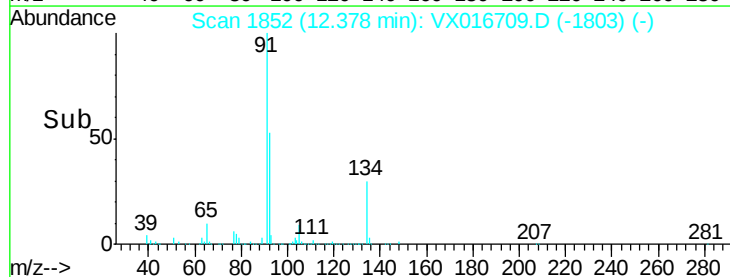
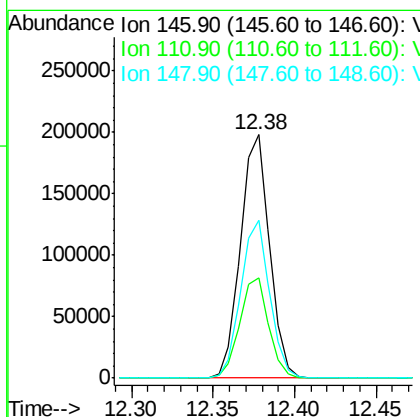
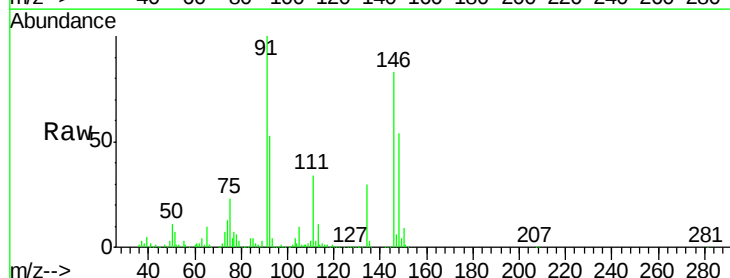
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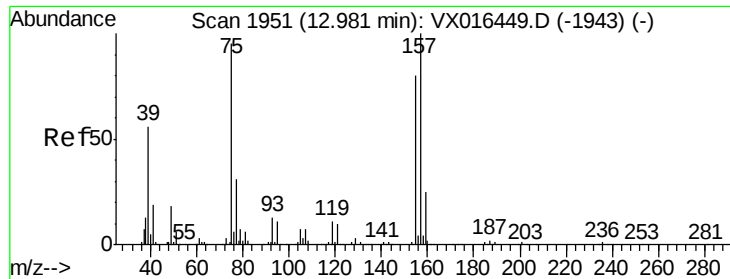
MMDadoda  
6/12/2020 5:45:30 PM



#91  
1,2-Dichlorobenzene  
Concen: 50.352 ug/l  
RT: 12.38 min Scan# 1852  
Delta R.T. -0.00 min  
Lab File: VX016709.D  
Acq: 11 Jun 2020 17:05

Tgt Ion:146 Resp: 246219  
Ion Ratio Lower Upper  
146 100  
111 41.1 21.4 64.3  
148 64.4 31.9 95.7





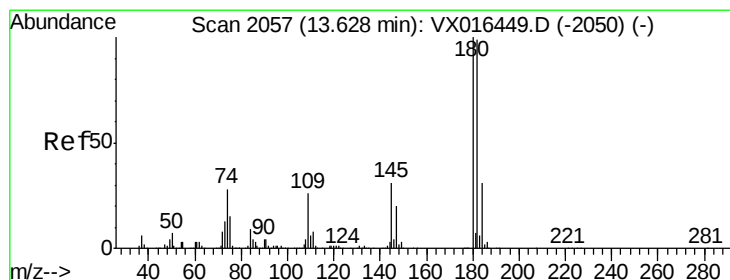
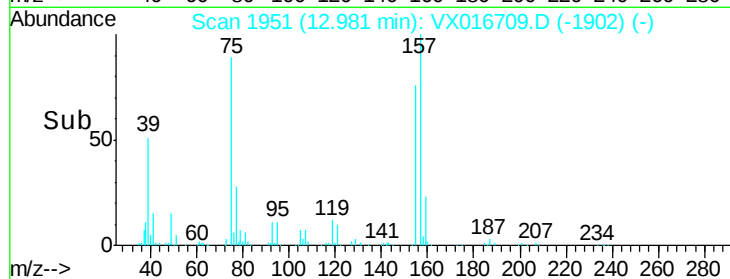
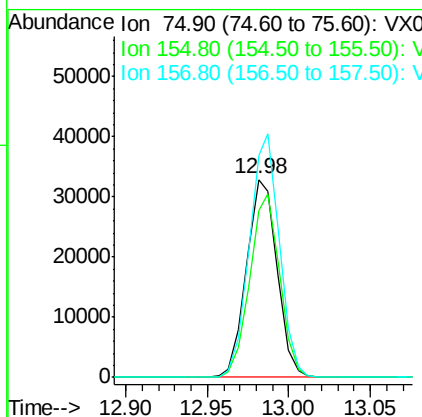
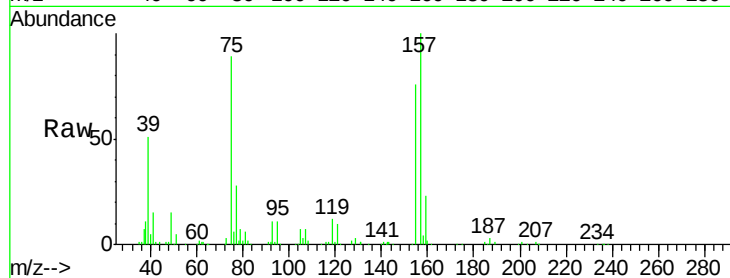
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 47.760 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. -0.00 min  
 Lab File: VX016709.D  
 Acq: 11 Jun 2020 17:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF014RW131-200608MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 90.5  | 44.1  | 132.4 |
| 157     | 120.2 | 57.8  | 173.3 |

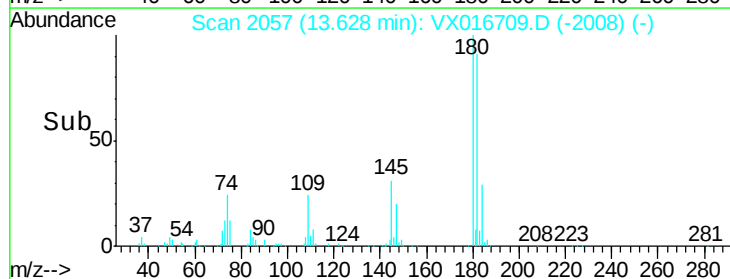
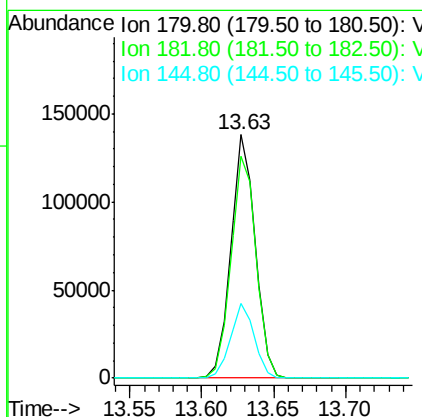
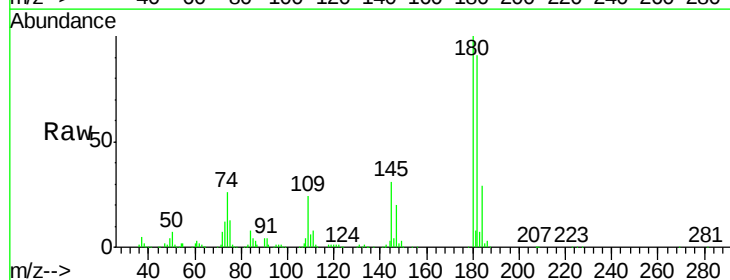
Manual Integrations  
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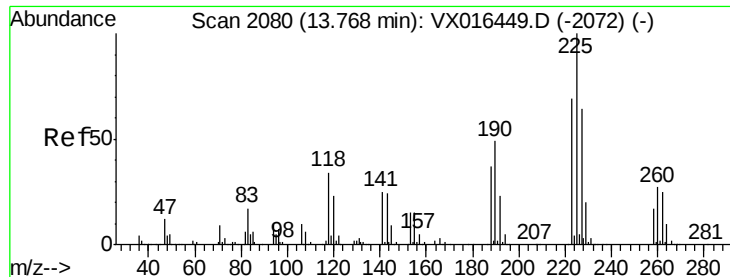
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 6/12/2020 5:45:30 PM



#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.564 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX016709.D  
 Acq: 11 Jun 2020 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.9  | 48.3  | 144.8 |
| 145     | 30.2  | 15.4  | 46.2  |





#94

Hexachlorobutadiene

Concen: 53.517 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

Instrument :

MSVOA\_X

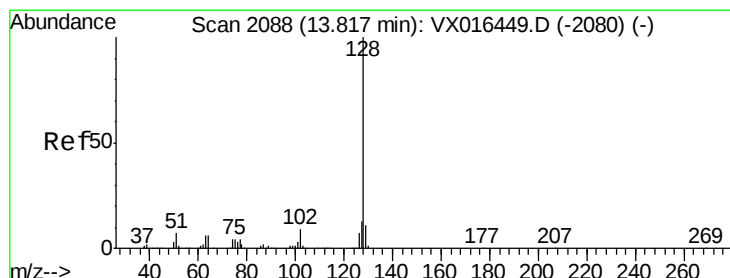
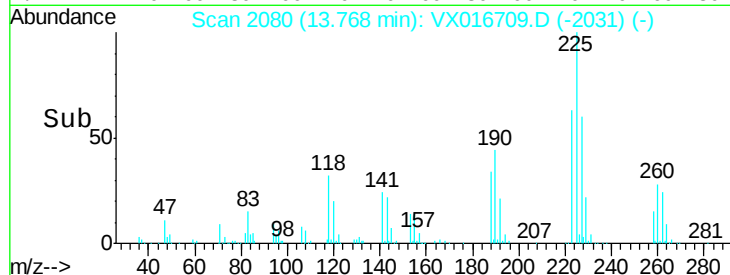
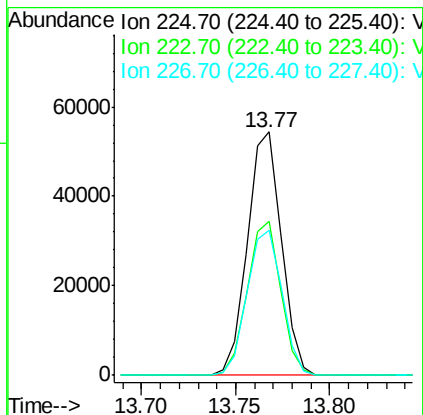
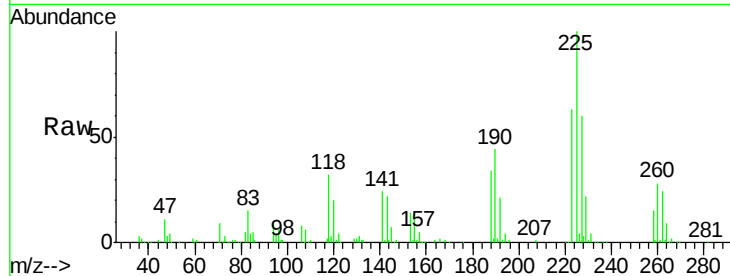
ClientSampleId :

LF014RW131-200608MS

|           |      |       |       |
|-----------|------|-------|-------|
| Tot Ion:  | 225  | Resp: | 68238 |
| Ion Ratio |      | Lower | Upper |
| 225       | 100  |       |       |
| 223       | 62.1 | 32.3  | 96.8  |
| 227       | 61.0 | 31.6  | 94.7  |

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#95

Naphthalene

Concen: 50.130 ug/l

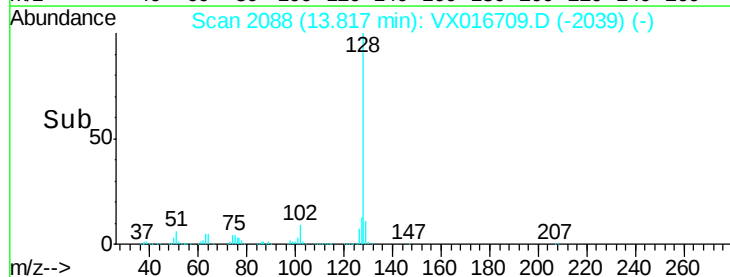
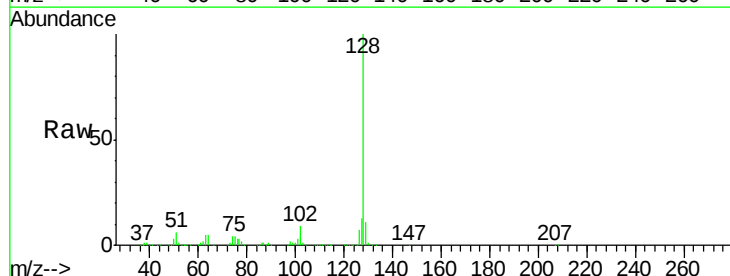
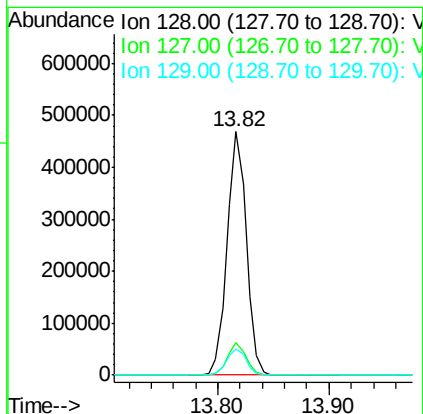
RT: 13.82 min Scan# 2088

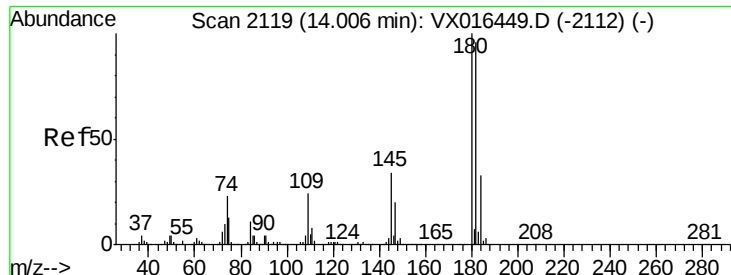
Delta R.T. -0.00 min

Lab File: VX016709.D

Acq: 11 Jun 2020 17:05

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 128  | Resp: | 558102 |
| Ion Ratio |      | Lower | Upper  |
| 128       | 100  |       |        |
| 127       | 12.9 | 10.6  | 15.8   |
| 129       | 10.9 | 8.6   | 13.0   |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 50.284 ug/l  
 RT: 14.01 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VX016709.D  
 Acq: 11 Jun 2020 17:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF014RW131-200608MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 159985 |       |       |
| 182     | 96.6  |        | 48.6  | 145.8 |
| 145     | 33.1  |        | 16.6  | 49.8  |

Manual Integrations  
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