

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\  
 Data File : VX011550.D  
 Acq On : 13 Aug 2019 20:45  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 8/14/2019 11:32:10 AM

Quant Time: Aug 14 03:12:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 02 01:55:00 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 154331   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 233727   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 220224   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 116312   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 92187    | 59.31 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 118.62% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 79045    | 51.80 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.60% |      |
| 50) Toluene-d8            | 8.71   | 98  | 289346   | 50.23 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.46% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 110175   | 53.57 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.14% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 53495  | 44.880  | ug/l | 100    |
| 3) Chloromethane              | 1.32 | 50  | 56868  | 42.485  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 61958  | 42.081  | ug/l | 98     |
| 5) Bromomethane               | 1.63 | 94  | 49829  | 47.452  | ug/l | 100    |
| 6) Chloroethane               | 1.71 | 64  | 36484  | 39.473  | ug/l | 95     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 95831  | 36.605  | ug/l | 97     |
| 8) Diethyl Ether              | 2.18 | 74  | 35747  | 38.240  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 68250  | 48.181  | ug/l | 97     |
| 10) Methyl Iodide             | 2.50 | 142 | 83600  | 46.812  | ug/l | 96     |
| 11) Tert butyl alcohol        | 3.04 | 59  | 84995  | 274.247 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 65638  | 46.745  | ug/l | 88     |
| 13) Acrolein                  | 2.29 | 56  | 36566  | 189.751 | ug/l | 97     |
| 14) Allyl chloride            | 2.72 | 41  | 102014 | 54.496  | ug/l | 96     |
| 15) Acrylonitrile             | 3.14 | 53  | 204340 | 276.296 | ug/l | 98     |
| 16) Acetone                   | 2.44 | 43  | 176957 | 239.206 | ug/l | 97     |
| 17) Carbon Disulfide          | 2.56 | 76  | 136193 | 41.332  | ug/l | 99     |
| 18) Methyl Acetate            | 2.77 | 43  | 99195  | 58.675  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.19 | 73  | 233086 | 56.328  | ug/l | 98     |
| 20) Methylene Chloride        | 2.85 | 84  | 77028  | 47.544  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 71233  | 47.957  | ug/l | 91     |
| 22) Diisopropyl ether         | 3.85 | 45  | 227046 | 55.186  | ug/l | 98     |
| 23) Vinyl Acetate             | 3.81 | 43  | 972140 | 284.889 | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 128017 | 52.769  | ug/l | 98     |
| 25) 2-Butanone                | 4.67 | 43  | 288425 | 274.085 | ug/l | 96     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 93853  | 49.767  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 85127  | 49.756  | ug/l | 96     |
| 28) Bromochloromethane        | 5.01 | 49  | 57003  | 51.541  | ug/l | 96     |
| 29) Tetrahydrofuran           | 5.12 | 42  | 179201 | 277.733 | ug/l | 99     |
| 30) Chloroform                | 5.20 | 83  | 144612 | 54.846  | ug/l | 98     |
| 31) Cyclohexane               | 5.57 | 56  | 95933  | 47.931  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 126348 | 55.938  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 97114  | 47.590  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.82 | 43  | 107258 | 52.399  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 110351 | 53.750  | ug/l | 96     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\  
 Data File : VX011550.D  
 Acq On : 13 Aug 2019 20:45  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 8/14/2019 11:32:10 AM

Quant Time: Aug 14 03:12:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 02 01:55:00 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 105768   | 43.726  | ug/l  | 97       |
| 40) Benzene                    | 6.13  | 78   | 299444   | 49.174  | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.04  | 41   | 61201    | 54.747  | ug/l  | 96       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 115562   | 56.121  | ug/l  | 96       |
| 43) Isopropyl Acetate          | 6.44  | 43   | 176229   | 53.850  | ug/l  | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 84304    | 45.738  | ug/l  | 98       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 78041    | 49.485  | ug/l  | 96       |
| 46) Dibromomethane             | 7.66  | 93   | 56937    | 49.455  | ug/l  | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 107129   | 54.960  | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 87730    | 56.963  | ug/l  | 95       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 40021    | 896.342 | ug/l  | 92       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 589784   | 279.255 | ug/l  | 99       |
| 52) Toluene                    | 8.78  | 92   | 199600   | 49.576  | ug/l  | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 112530   | 49.596  | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 122039   | 53.598  | ug/l  | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 84985    | 51.339  | ug/l  | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 130473   | 55.308  | ug/l  | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 134996   | 51.565  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 303064   | 261.283 | ug/l  | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 453358   | 277.135 | ug/l  | 97       |
| 60) Dibromochloromethane       | 9.58  | 129  | 93359    | 55.085  | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 93737    | 52.412  | ug/l  | 97       |
| 64) Tetrachloroethene          | 9.34  | 164  | 77173    | 41.264  | ug/l  | 96       |
| 65) Chlorobenzene              | 10.13 | 112  | 227796   | 48.242  | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 88516    | 54.756  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 396196   | 50.101  | ug/l  | 99       |
| 68) m/p-Xylenes                | 10.35 | 106  | 300841   | 98.353  | ug/l  | 95       |
| 69) o-Xylene                   | 10.69 | 106  | 148387   | 49.374  | ug/l  | 99       |
| 70) Styrene                    | 10.71 | 104  | 253462   | 50.969  | ug/l  | 97       |
| 71) Bromoform                  | 10.85 | 173  | 70048    | 48.549  | ug/l  | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 405249   | 50.943  | ug/l  | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 159580   | 55.518  | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 135008   | 50.928  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 114672m  | 54.137  | ug/l  |          |
| 77) Bromobenzene               | 11.25 | 156  | 108746   | 49.299  | ug/l  | 95       |
| 78) n-propylbenzene            | 11.36 | 91   | 443497   | 50.133  | ug/l  | 98       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 268257   | 50.877  | ug/l  | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 335559   | 50.391  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 36684    | 46.586  | ug/l  | 94       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 313027   | 50.941  | ug/l  | 97       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 339598   | 51.997  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 341765   | 51.548  | ug/l  | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 389781   | 49.674  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 362728   | 50.247  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 188735   | 48.424  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 187514   | 46.657  | ug/l  | 97       |
| 89) n-Butylbenzene             | 12.38 | 91   | 301439   | 48.469  | ug/l  | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 58169    | 54.503  | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 188697   | 48.184  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 29800    | 58.021  | ug/l  | 89       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\  
Data File : VX011550.D  
Acq On : 13 Aug 2019 20:45  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

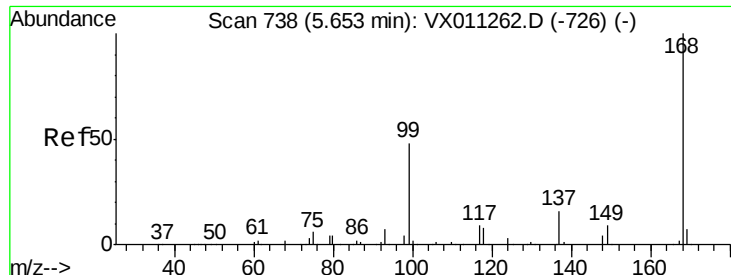
MMDadoda  
8/14/2019 11:32:10 AM

Quant Time: Aug 14 03:12:18 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080119W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 02 01:55:00 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 124980   | 48.122 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 61889    | 46.969 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 391141   | 51.500 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 125901   | 47.684 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 154331

Ion Ratio Lower Upper

168 100

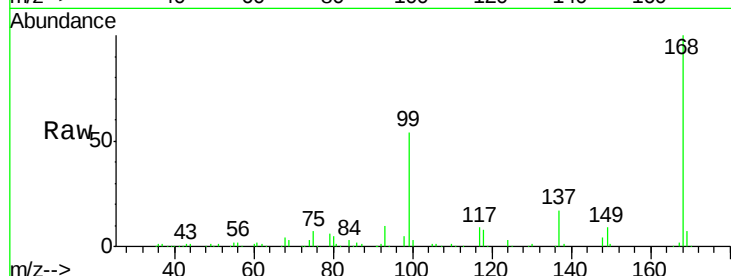
99 53.4 38.5 57.7

Manual Integrations

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8/14/2019 11:32:10 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

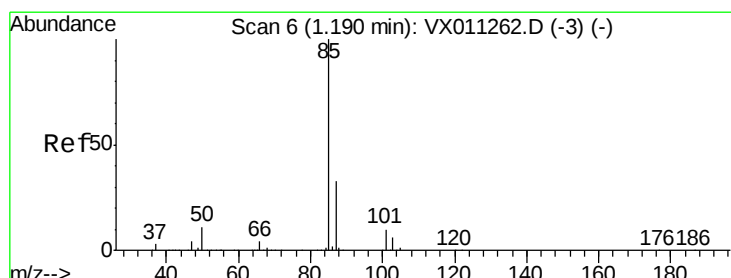
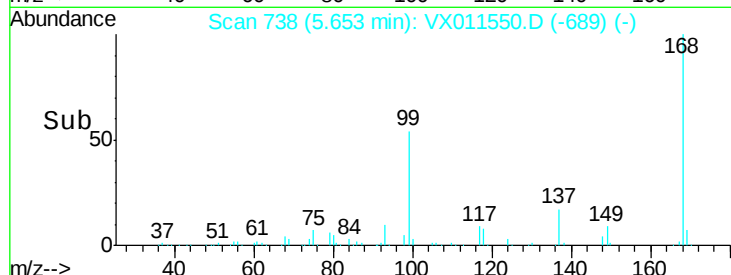
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.880 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011550.D

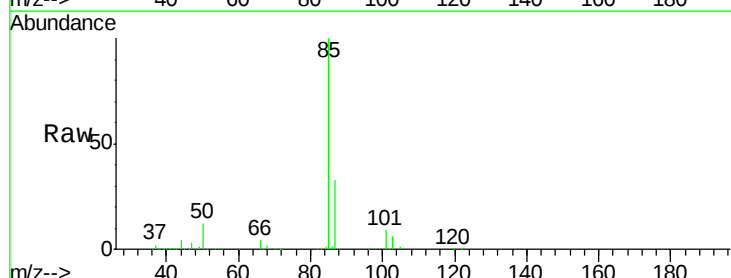
Acq: 13 Aug 2019 20:45

Tgt Ion: 85 Resp: 53495

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

50000

40000

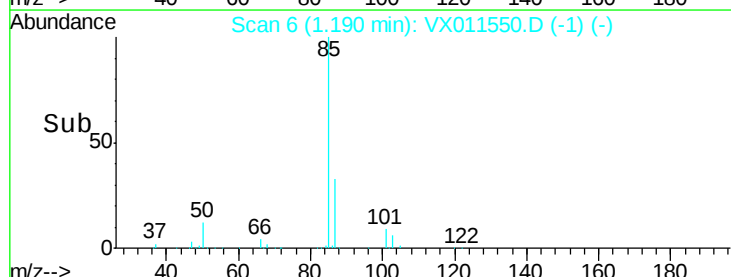
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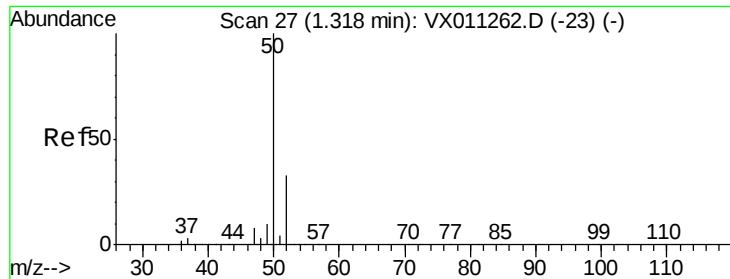
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10000

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Time-->





#3

Chloromethane

Concen: 42.485 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 56868

Ion Ratio Lower Upper

50 100

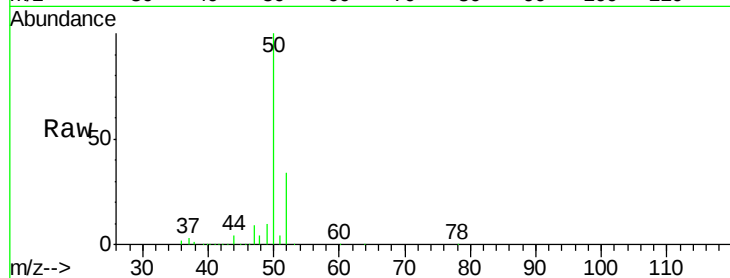
52 33.7 26.4 39.6

Manual Integrations

APPROVED

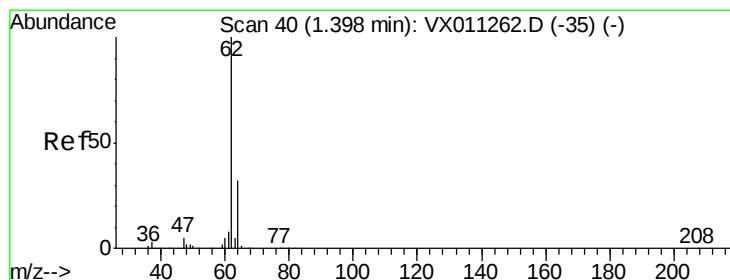
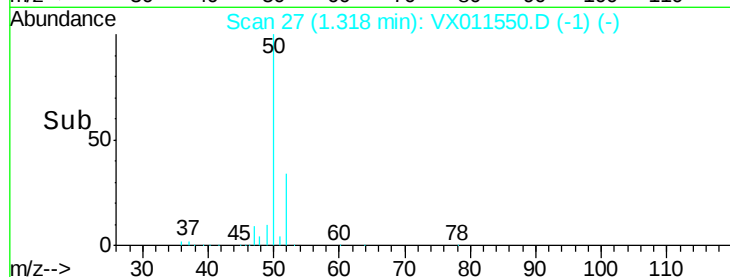
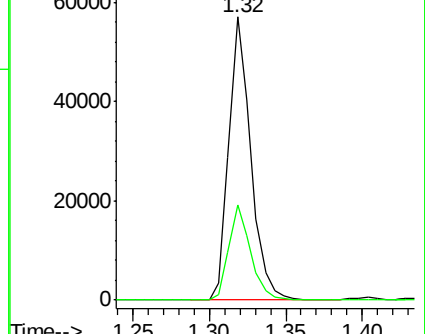
MMDadoda

8/14/2019 11:32:10 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.081 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011550.D

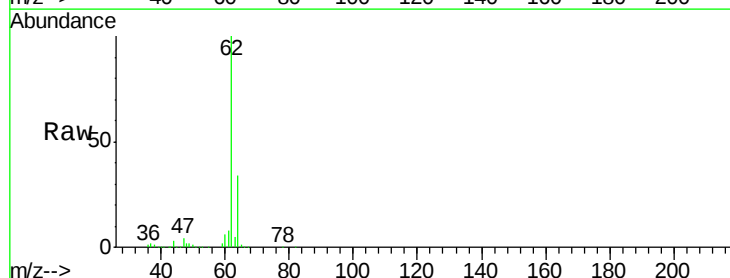
Acq: 13 Aug 2019 20:45

Tgt Ion: 62 Resp: 61958

Ion Ratio Lower Upper

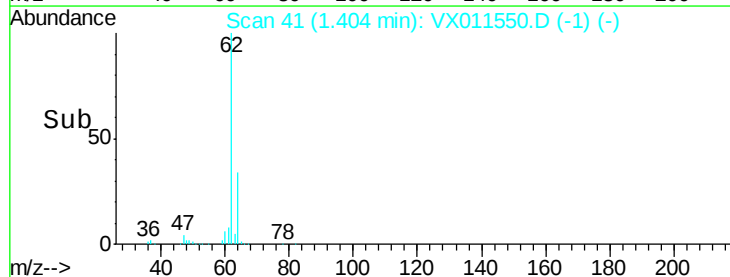
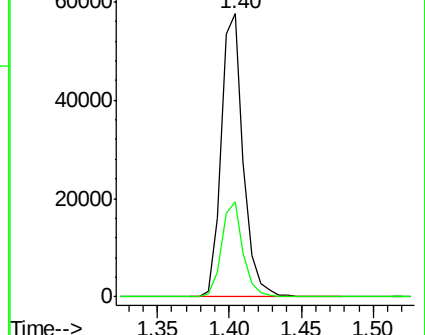
62 100

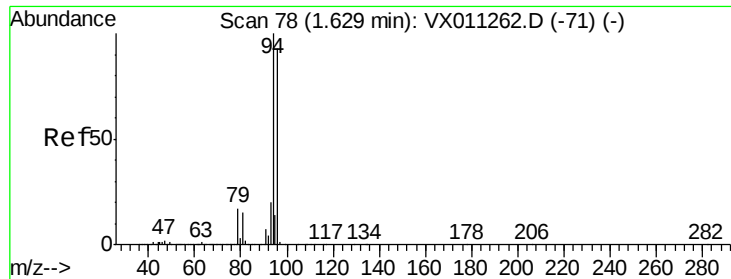
64 33.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.452 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 49829

Ion Ratio Lower Upper

94 100

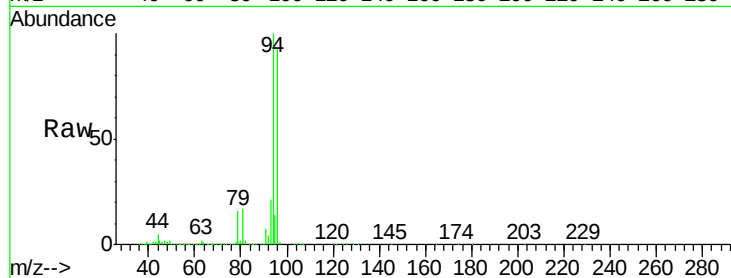
96 93.1 74.6 112.0

Manual Integrations

APPROVED

MMDadoda

8/14/2019 11:32:10 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

60000

50000

40000

30000

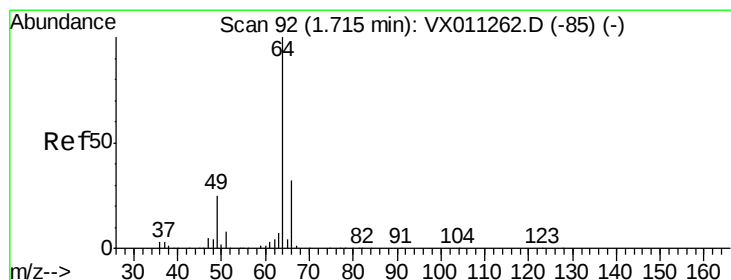
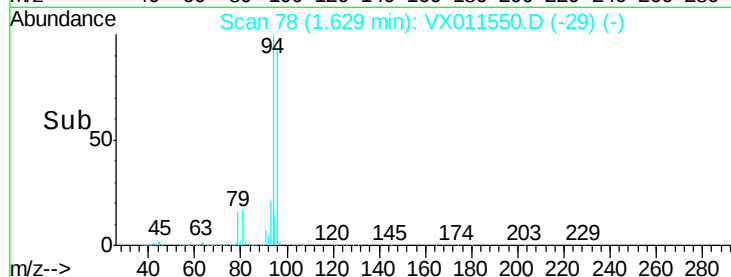
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0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 39.473 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011550.D

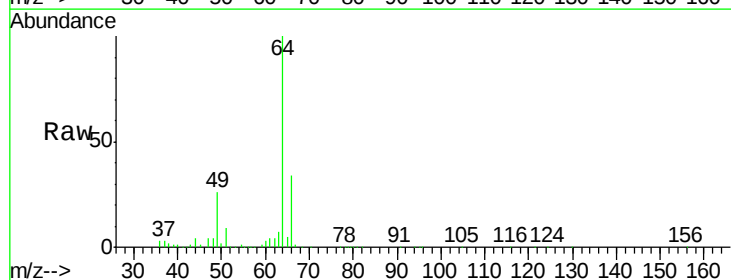
Acq: 13 Aug 2019 20:45

Tgt Ion: 64 Resp: 36484

Ion Ratio Lower Upper

64 100

66 34.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

30000

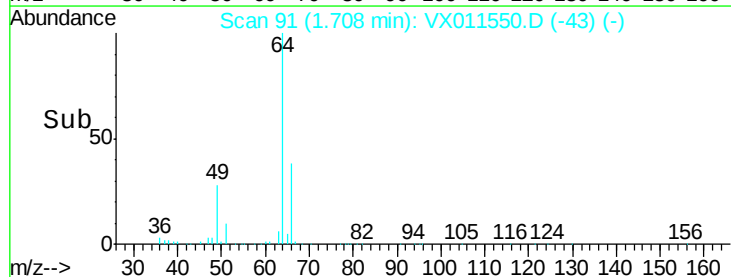
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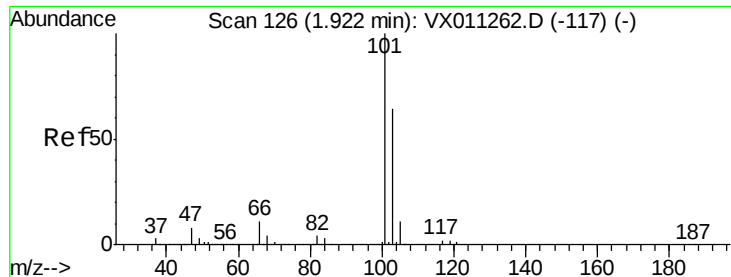
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1.65 1.70 1.75 1.80

Time-->





#7

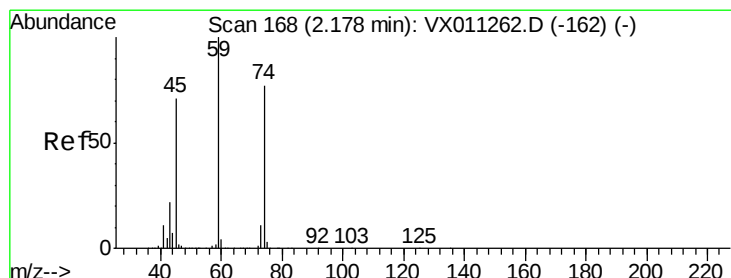
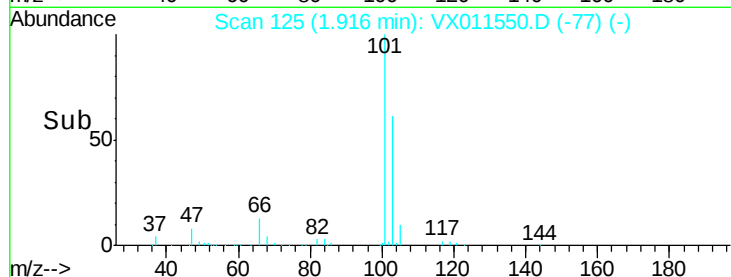
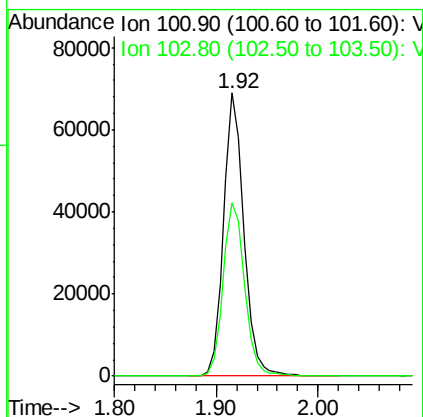
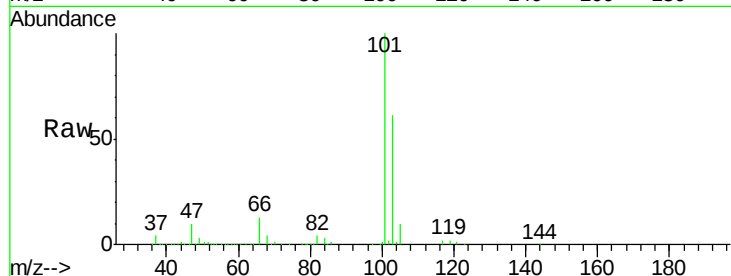
Trichlorofluoromethane  
Concen: 36.605 ug/l  
RT: 1.92 min Scan# 125  
Delta R.T. -0.01 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 101     | 100  |       | 95831 |       |       |
| 103     | 61.3 | 50.9  | 76.3  |       |       |

Manual Integrations  
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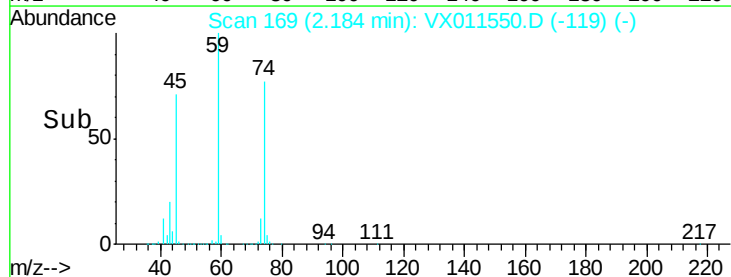
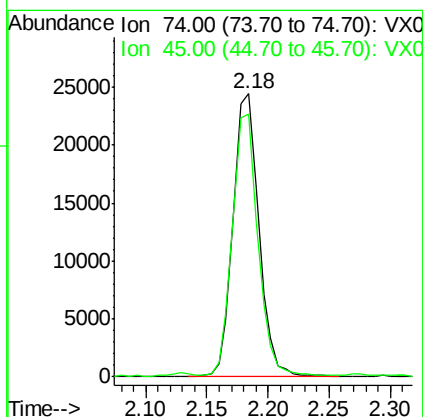
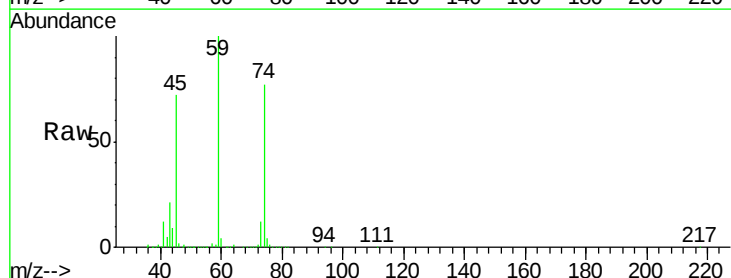
MMDadoda  
8/14/2019 11:32:10 AM

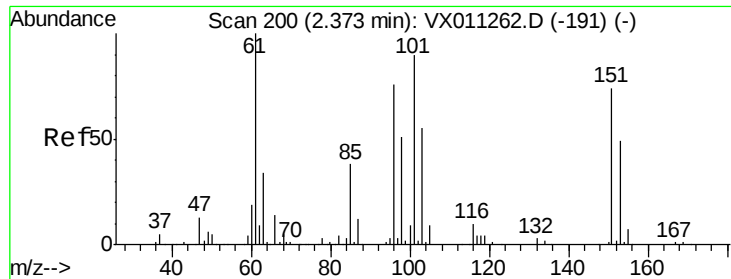


#8

Diethyl Ether  
Concen: 38.240 ug/l  
RT: 2.18 min Scan# 169  
Delta R.T. 0.01 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 74      | 100  |       | 35747 |       |       |
| 45      | 91.0 | 46.1  | 138.3 |       |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.181 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

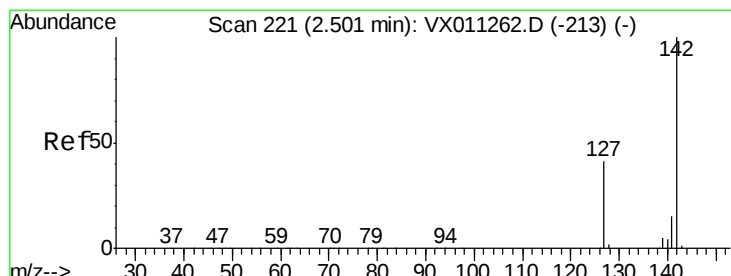
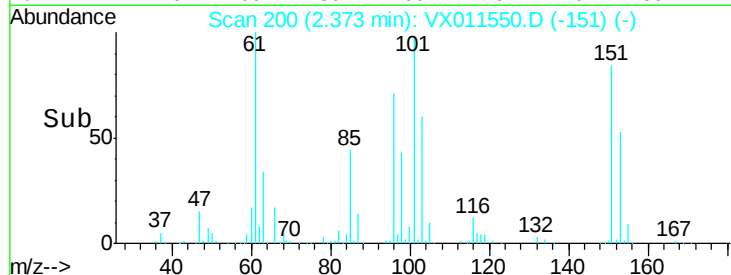
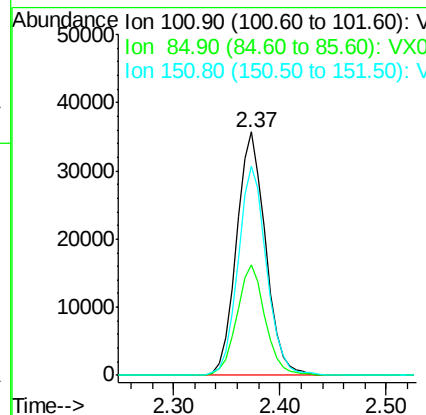
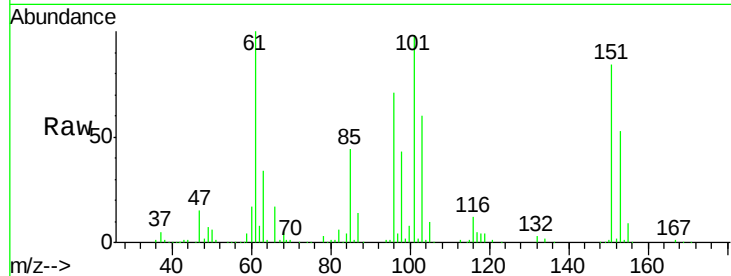
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 68250 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.4  | 33.8  | 50.6  |
| 151       | 84.6  | 69.5  | 104.3 |

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8/14/2019 11:32:10 AM



#10

Methyl Iodide

Concen: 46.812 ug/l

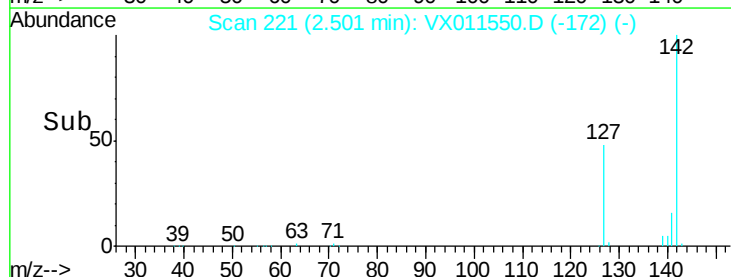
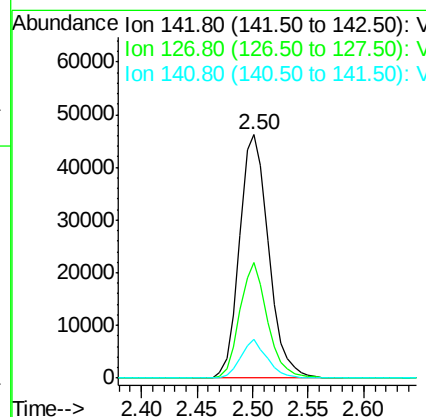
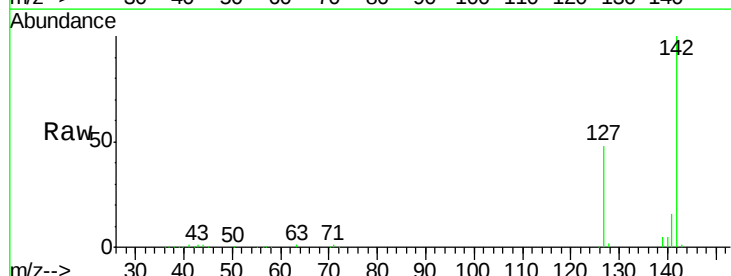
RT: 2.50 min Scan# 221

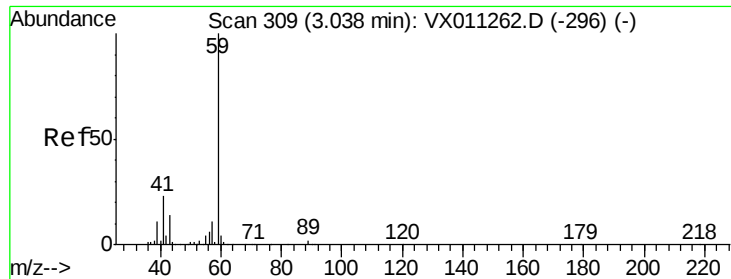
Delta R.T. 0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 83600 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 45.3  | 33.8  | 50.8  |
| 141       | 14.6  | 11.4  | 17.2  |





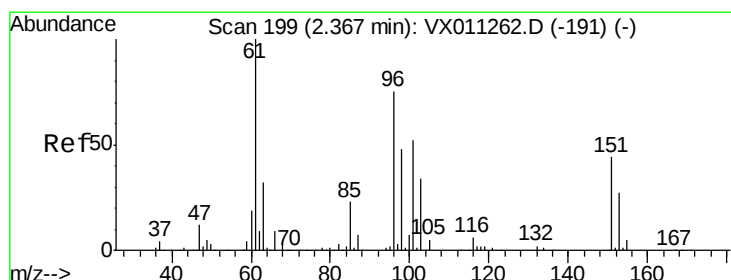
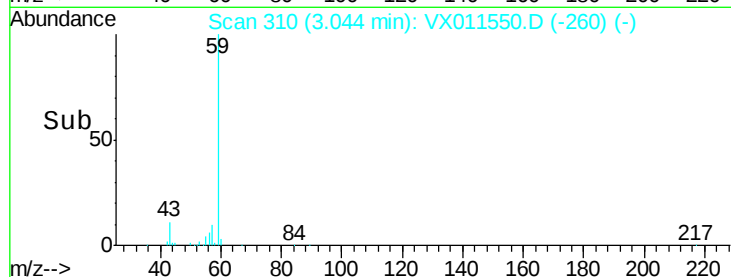
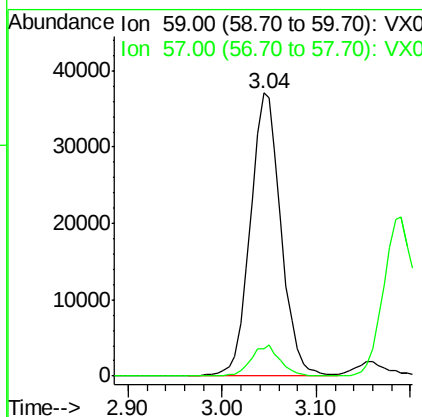
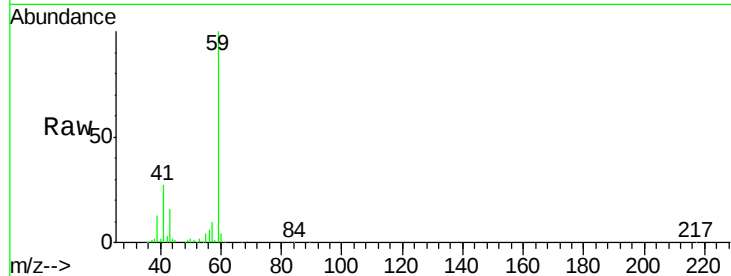
#11  
Tert butyl alcohol  
Concen: 274.247 ug/l  
RT: 3.04 min Scan# 310  
Delta R.T. 0.01 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 59 Resp: 84995  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.3 12.5

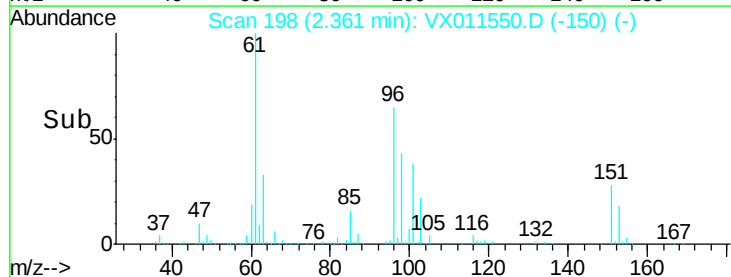
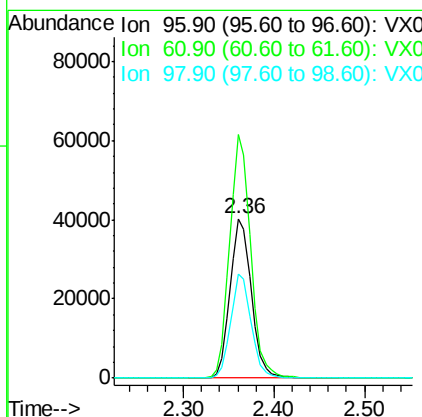
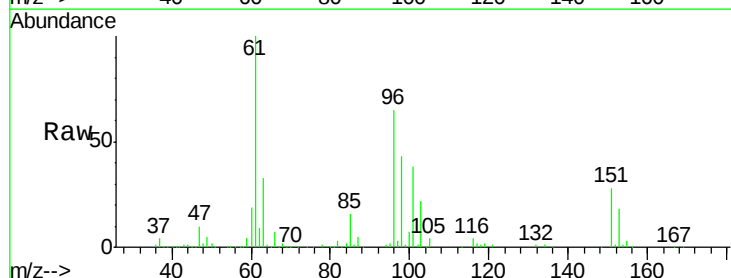
Manual Integrations  
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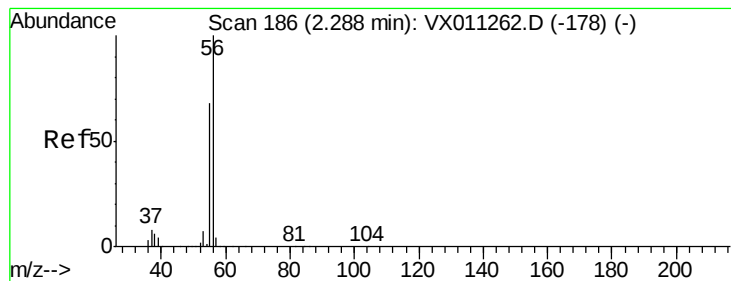
MMDadoda  
8/14/2019 11:32:10 AM



#12  
1,1-Dichloroethene  
Concen: 46.745 ug/l  
RT: 2.36 min Scan# 198  
Delta R.T. -0.01 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Tgt Ion: 96 Resp: 65638  
Ion Ratio Lower Upper  
96 100  
61 153.0 106.2 159.2  
98 65.1 50.6 75.8





#13

Acrolein

Concen: 189.751 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 36566

Ion Ratio Lower Upper

56 100

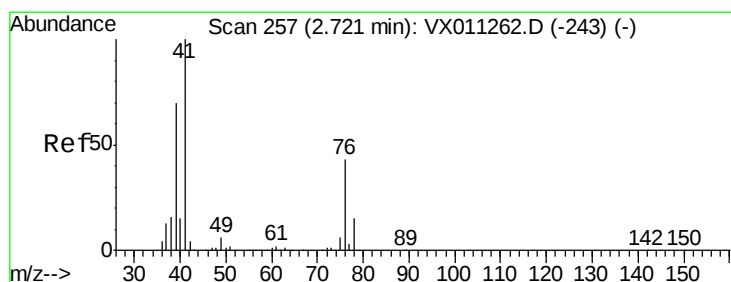
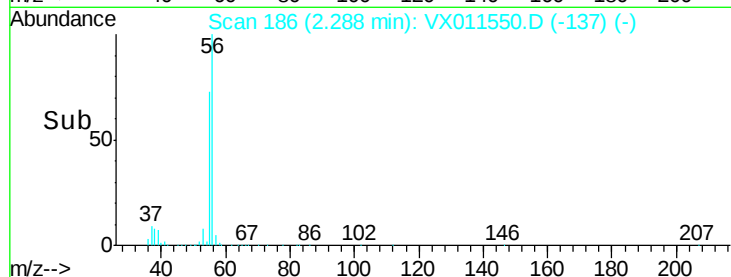
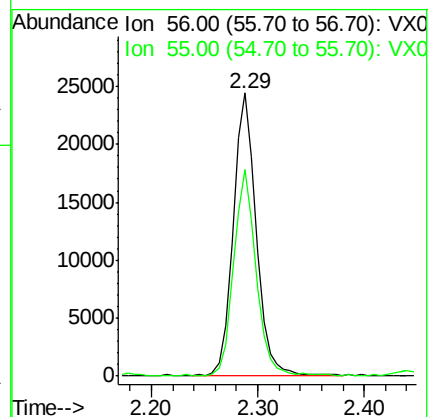
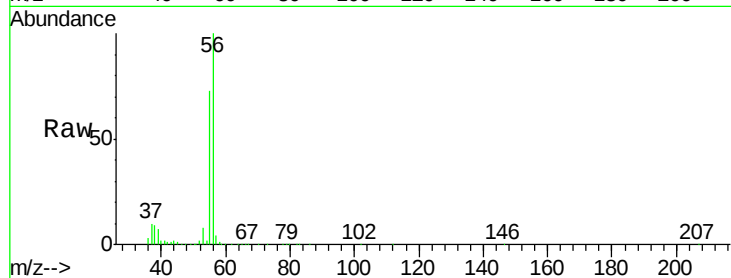
55 72.7 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 54.496 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

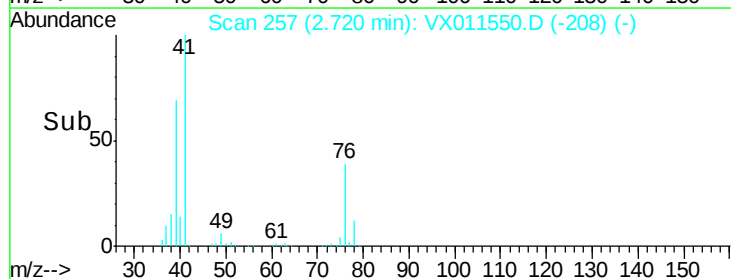
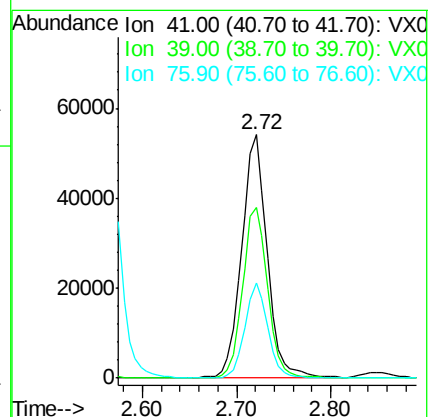
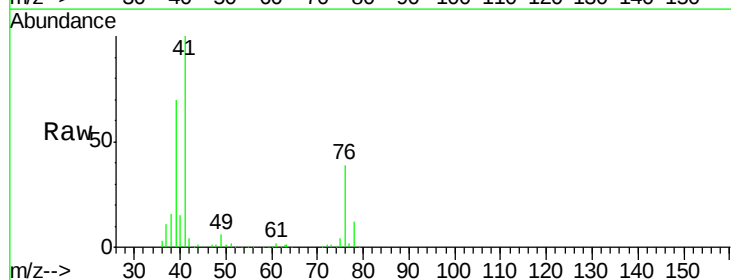
Tgt Ion: 41 Resp: 102014

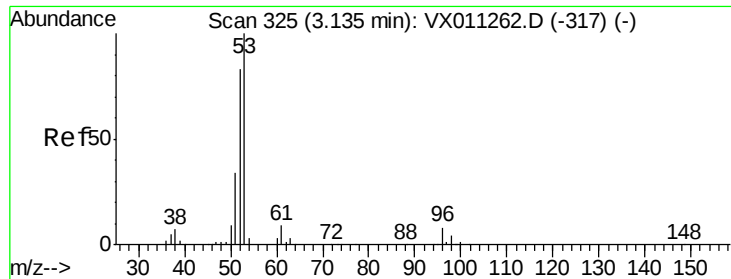
Ion Ratio Lower Upper

41 100

39 68.3 52.8 79.2

76 35.5 31.1 46.7





#15

Acrylonitrile

Concen: 276.296 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

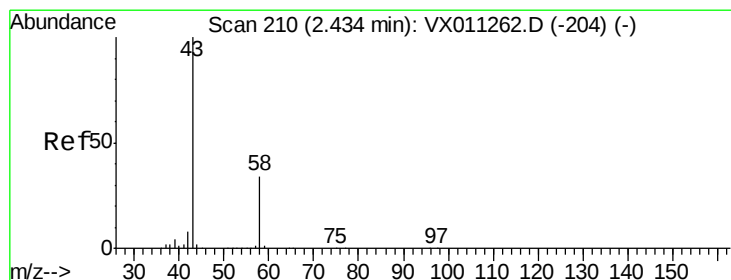
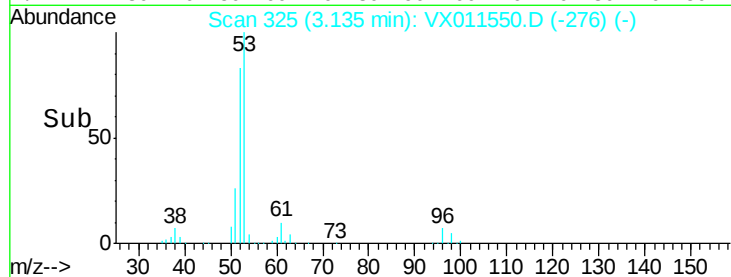
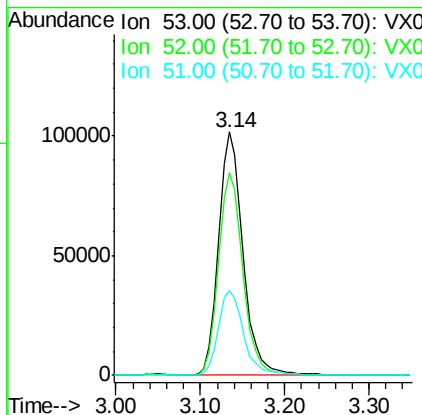
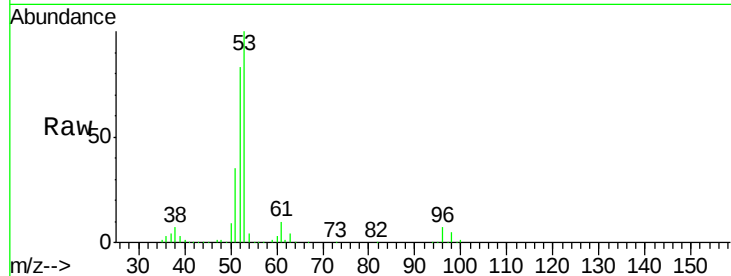
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 204340 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.1  | 65.5  | 98.3   |
| 51        | 36.4  | 27.9  | 41.9   |

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#16

Acetone

Concen: 239.206 ug/l

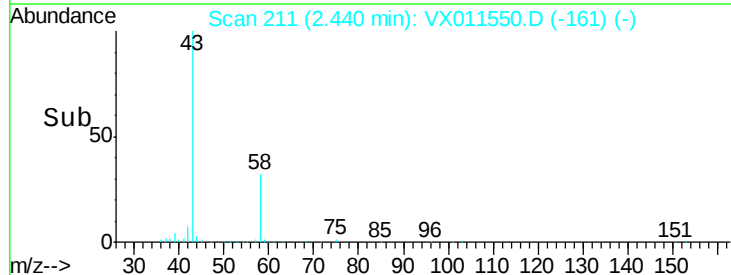
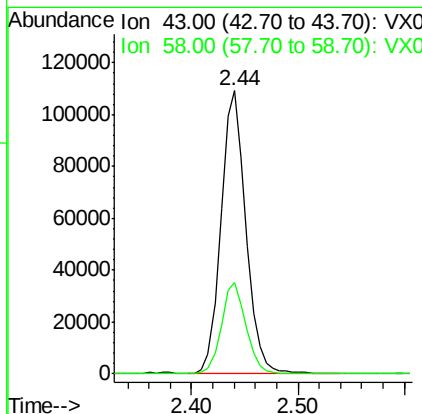
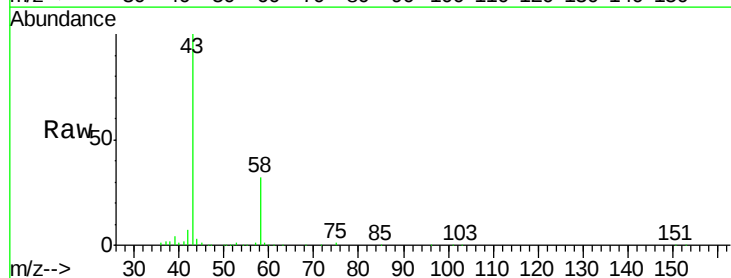
RT: 2.44 min Scan# 211

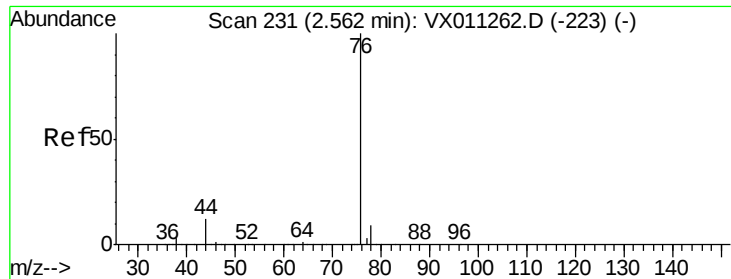
Delta R.T. 0.01 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 176957 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 32.3  | 27.4  | 41.0   |





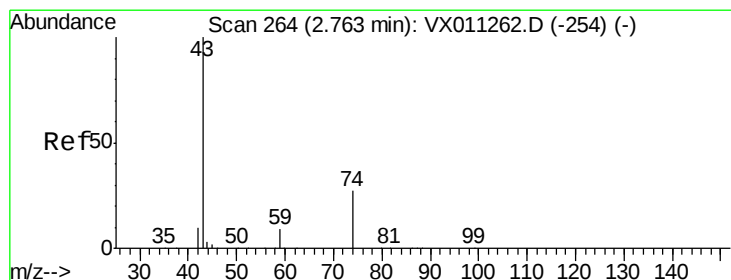
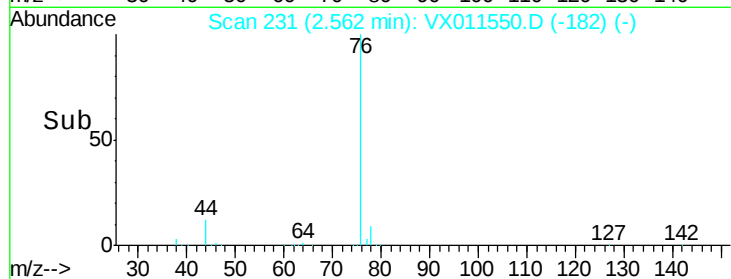
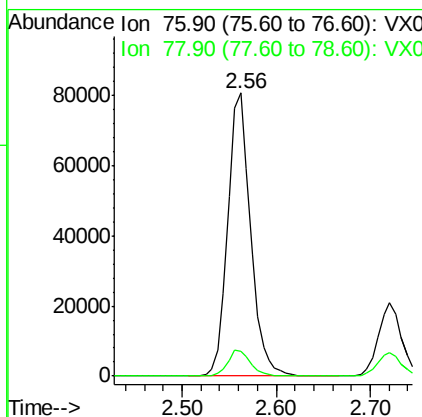
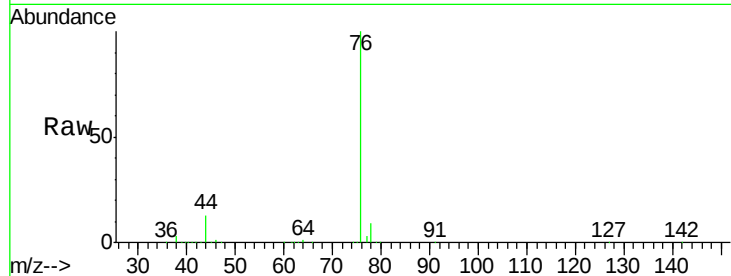
#17  
Carbon Disulfide  
Concen: 41.332 ug/l  
RT: 2.56 min Scan# 231  
Delta R.T. 0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.8   | 7.4   | 11.0  |

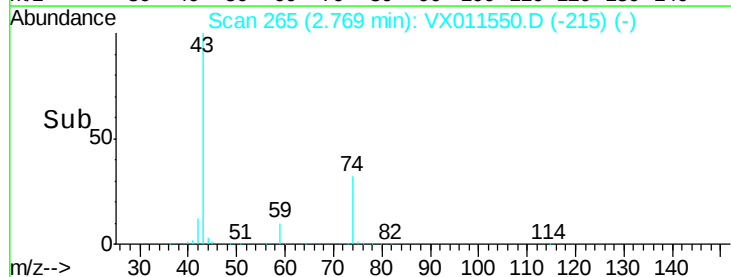
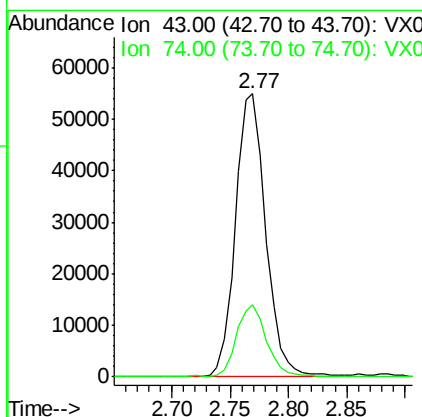
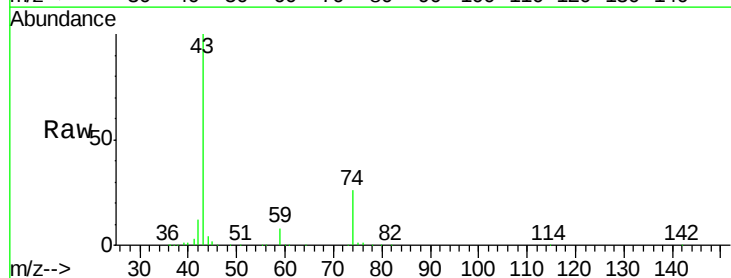
Manual Integrations  
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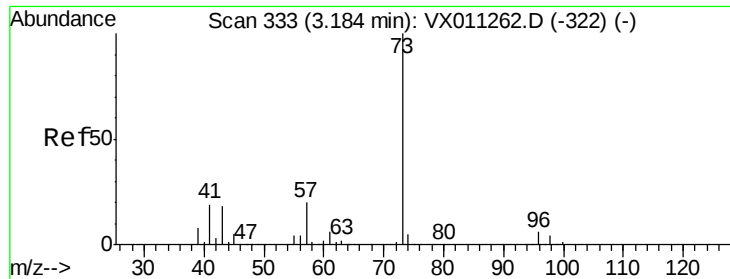
MMDadoda  
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#18  
Methyl Acetate  
Concen: 58.675 ug/l  
RT: 2.77 min Scan# 265  
Delta R.T. 0.01 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 25.9  | 21.0  | 31.6  |





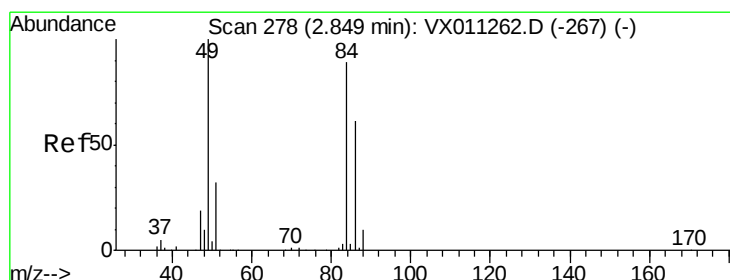
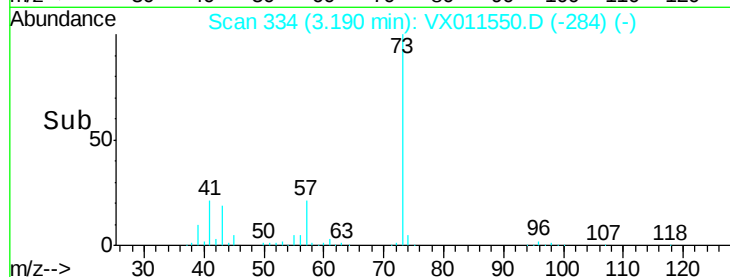
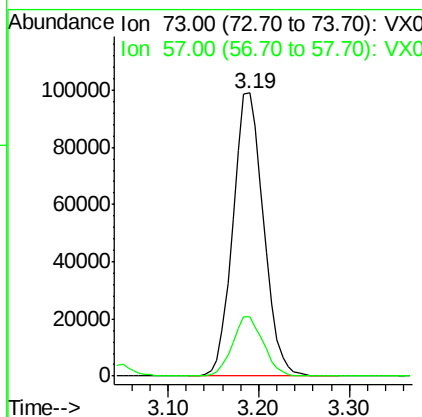
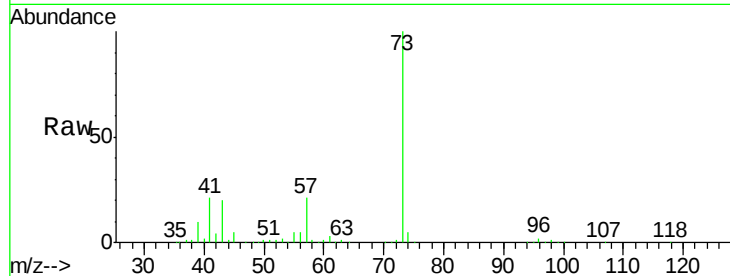
#19  
Methvl tert-butvl Ether  
Concen: 56.328 ug/l  
RT: 3.19 min Scan# 334  
Delta R.T. 0.01 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 233086  
Ion Ratio Lower Upper  
73 100  
57 21.1 16.2 24.2

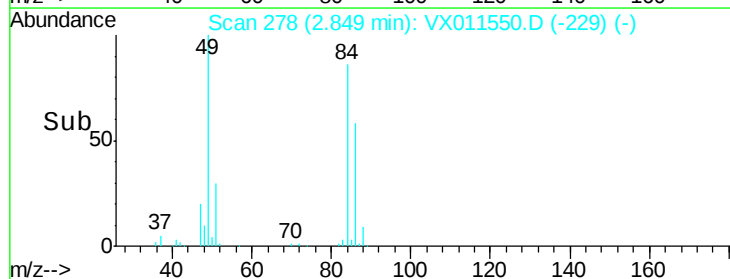
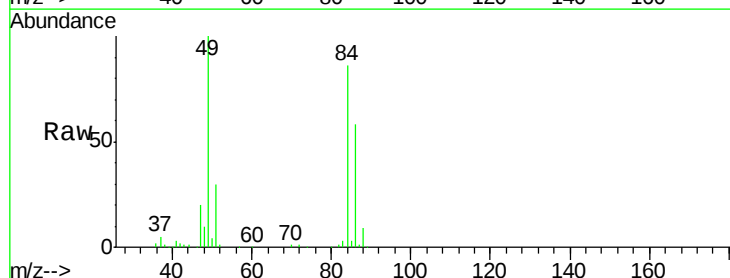
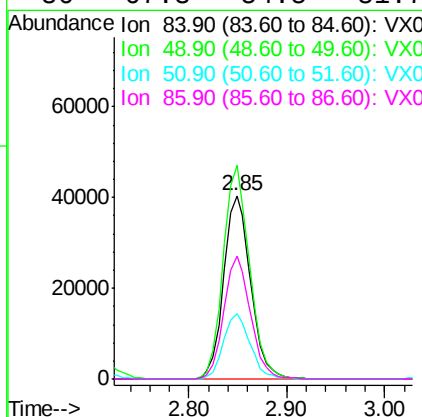
Manual Integrations  
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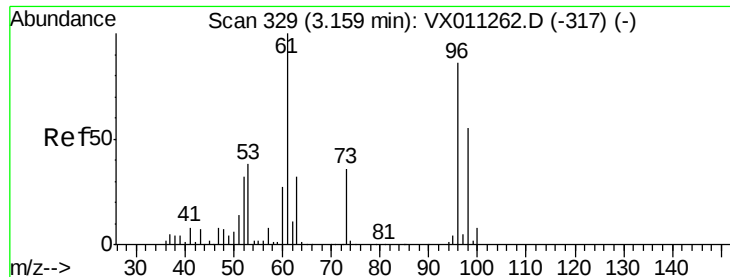
MMDadoda  
8/14/2019 11:32:10 AM



#20  
Methylene Chloride  
Concen: 47.544 ug/l  
RT: 2.85 min Scan# 278  
Delta R.T. 0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Tgt Ion: 84 Resp: 77028  
Ion Ratio Lower Upper  
84 100  
49 116.7 89.3 133.9  
51 35.5 28.3 42.5  
86 67.3 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 47.957 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

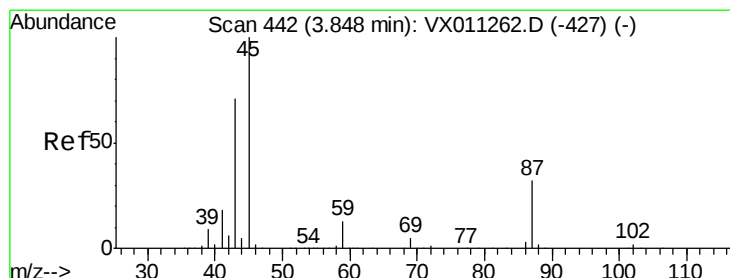
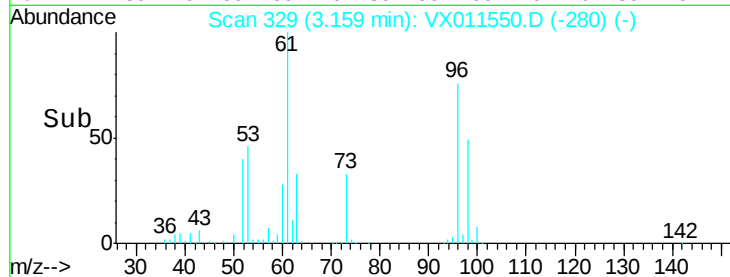
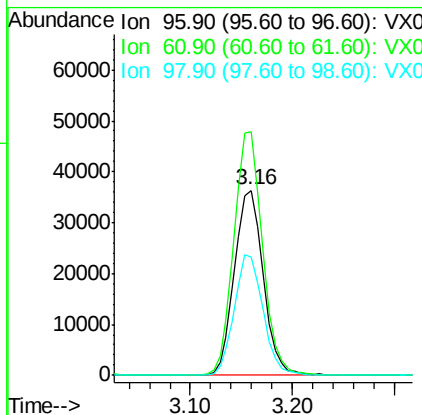
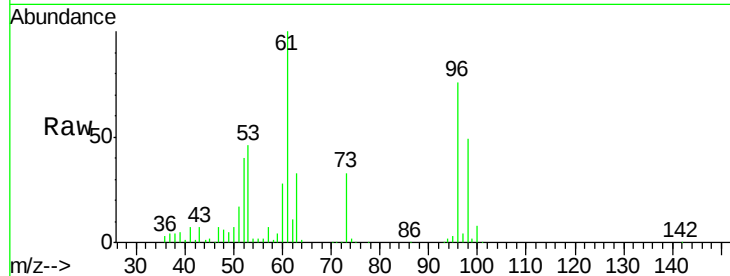
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 71233 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 131.7 | 92.8  | 139.2 |
| 98       | 63.9  | 51.2  | 76.8  |

Manual Integrations  
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MMDadoda  
8/14/2019 11:32:10 AM



#22

Diisopropyl ether

Concen: 55.186 ug/l

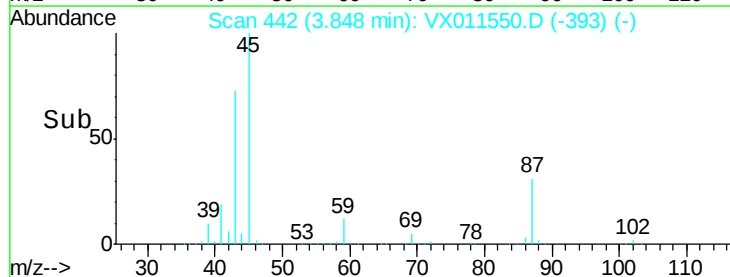
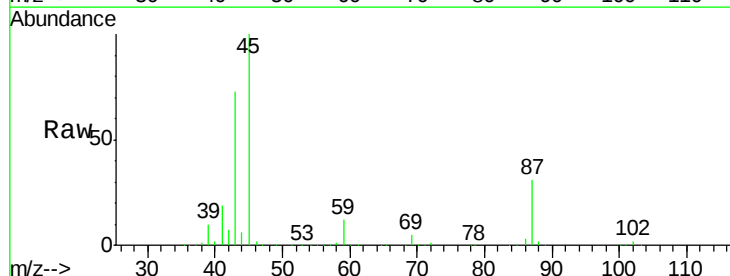
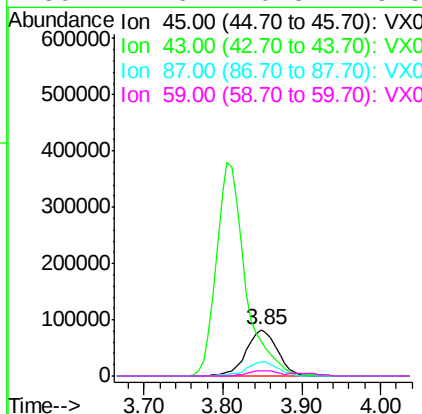
RT: 3.85 min Scan# 442

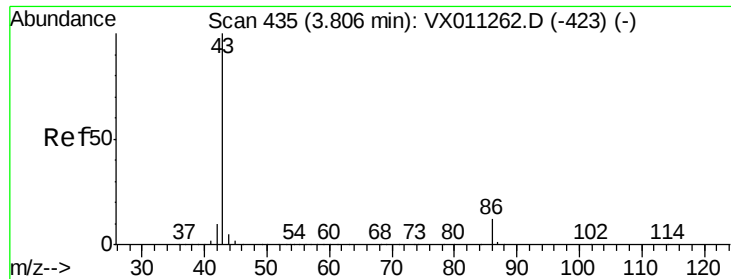
Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 227046 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 72.5  | 56.8  | 85.2   |
| 87       | 31.1  | 25.8  | 38.6   |
| 59       | 11.6  | 10.3  | 15.5   |





#23

Vinyl Acetate

Concen: 284.889 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 972140

Ion Ratio Lower Upper

43 100

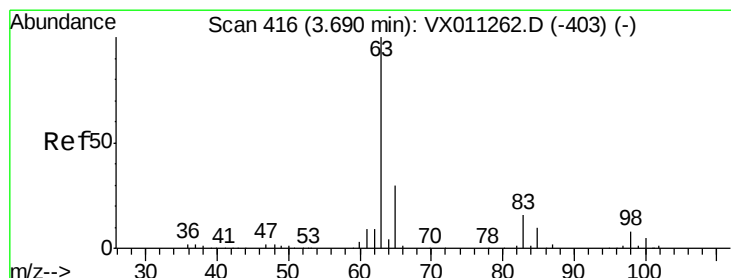
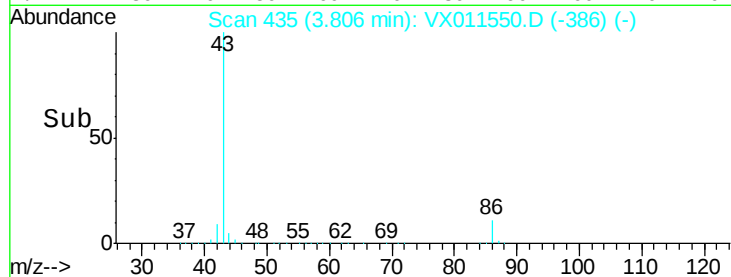
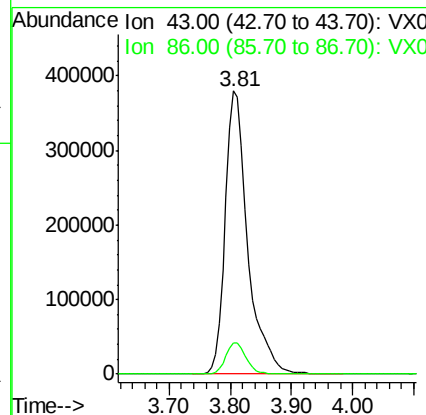
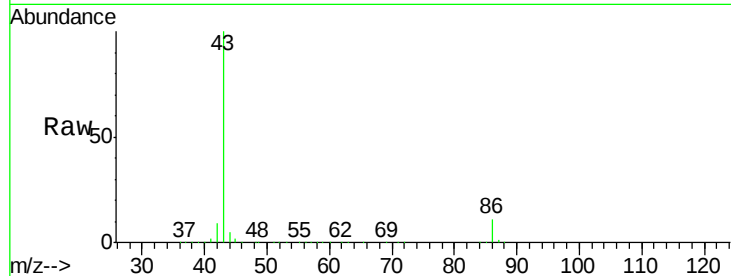
86 11.3 9.6 14.4

Manual Integrations

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8/14/2019 11:32:10 AM



#24

1,1-Dichloroethane

Concen: 52.769 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

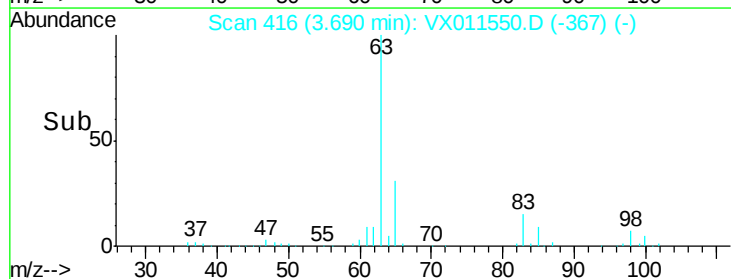
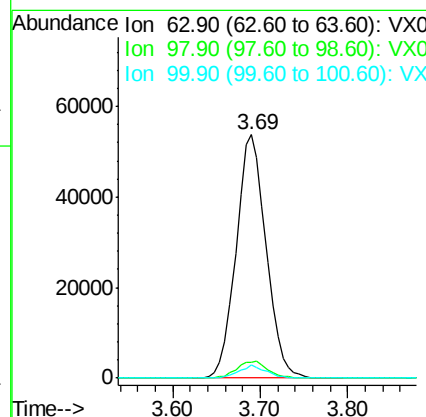
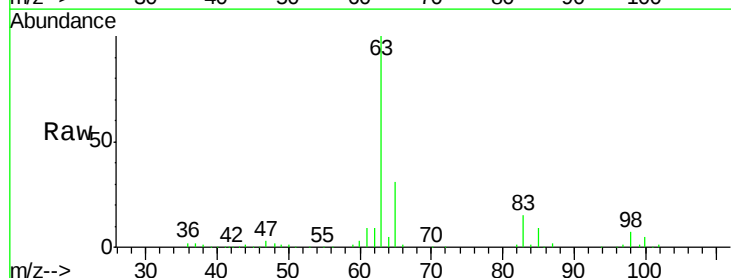
Tgt Ion: 63 Resp: 128017

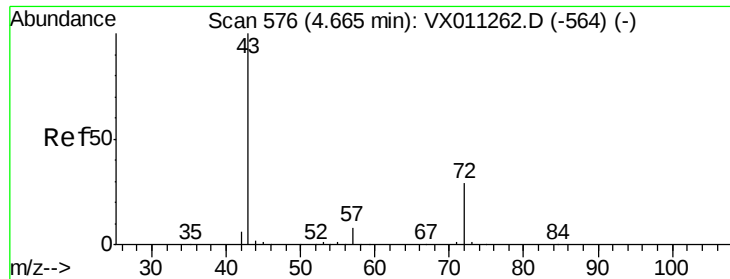
Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.5

100 5.3 2.7 8.1





#25

2-Butanone

Concen: 274.085 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 288425

Ion Ratio Lower Upper

43 100

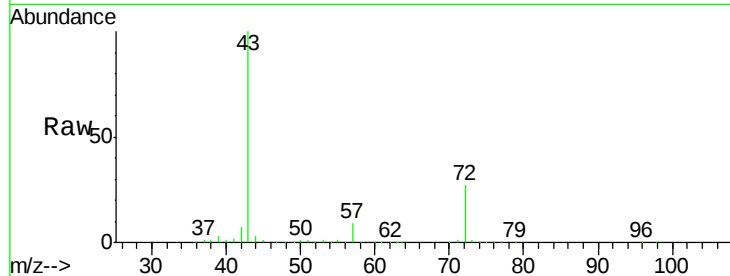
72 27.1 23.2 34.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

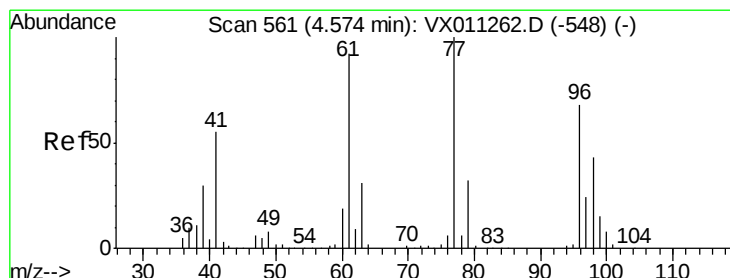
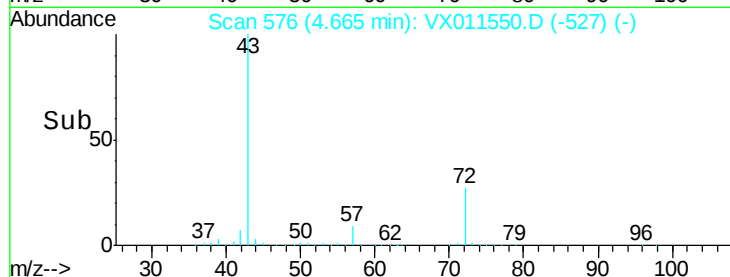
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 49.767 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011550.D

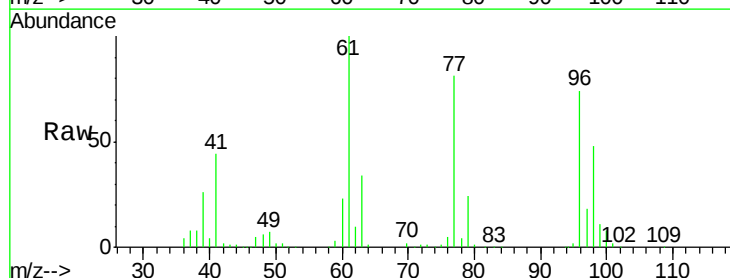
Acq: 13 Aug 2019 20:45

Tgt Ion: 77 Resp: 93853

Ion Ratio Lower Upper

77 100

97 24.5 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

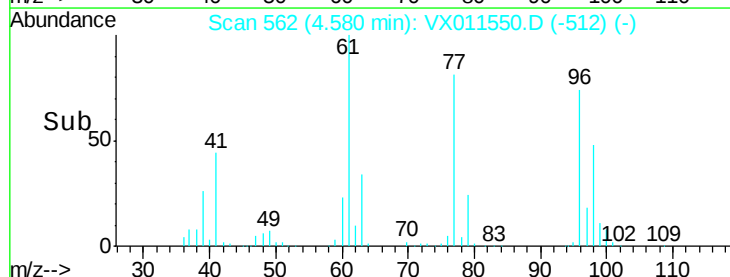
20000

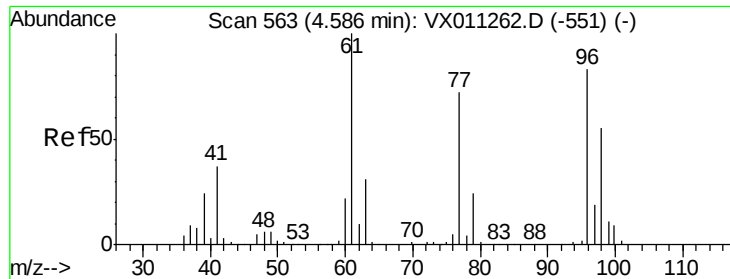
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

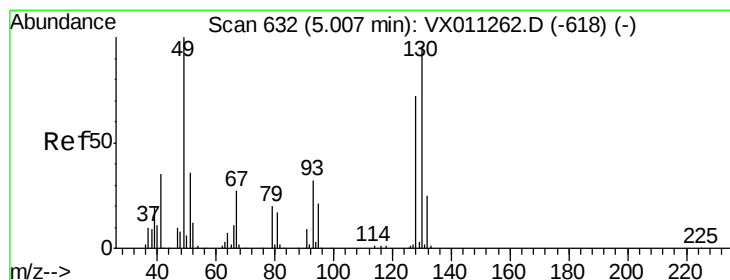
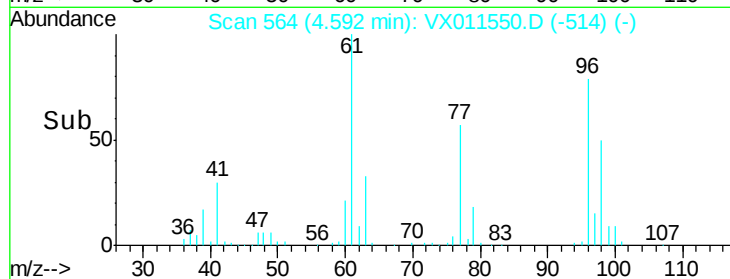
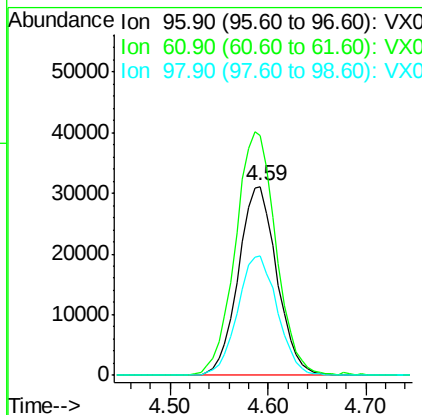
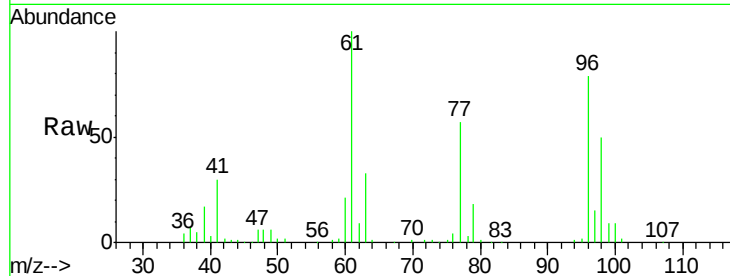
cis-1,2-Dichloroethene  
Concen: 49.756 ug/l  
RT: 4.59 min Scan# 564  
Delta R.T. 0.01 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 135.4 | 0.0   | 260.2 |
| 98      | 65.2  | 0.0   | 133.2 |

Manual Integrations  
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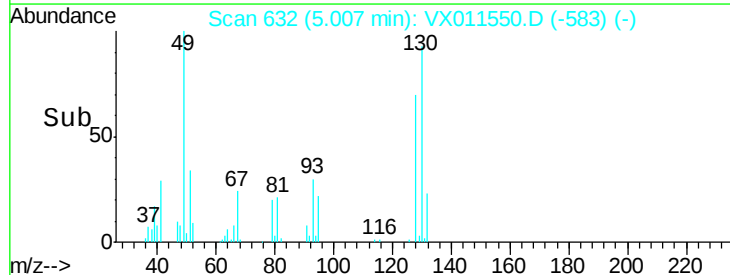
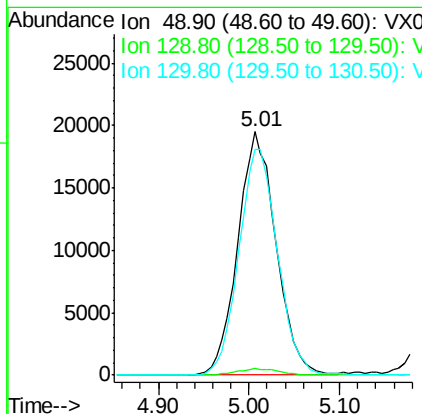
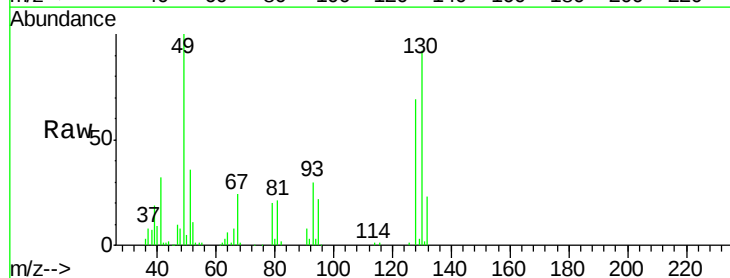
MMDadoda  
8/14/2019 11:32:10 AM

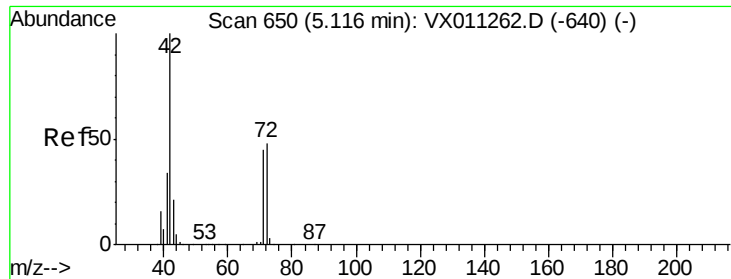


#28

Bromochloromethane  
Concen: 51.541 ug/l  
RT: 5.01 min Scan# 632  
Delta R.T. 0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.8   | 0.0   | 5.8   |
| 130     | 93.8  | 77.9  | 116.9 |





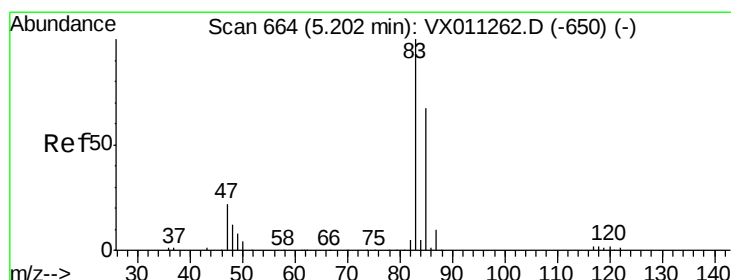
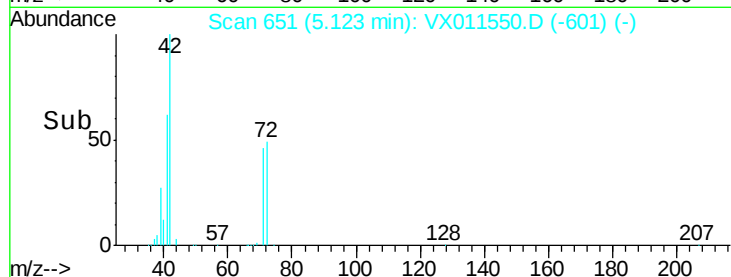
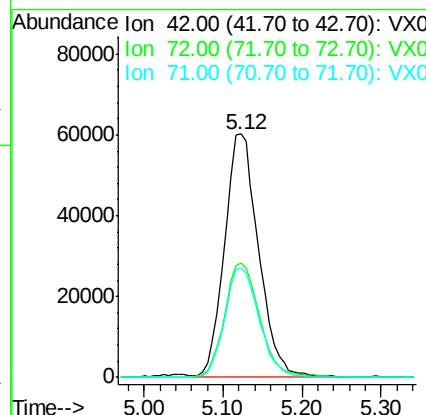
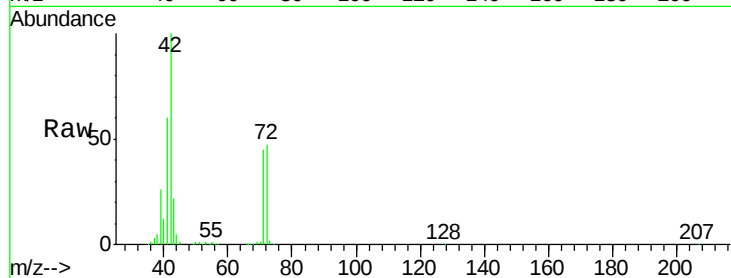
#29  
Tetrahydrofuran  
Concen: 277.733 ug/l  
RT: 5.12 min Scan# 651  
Delta R.T. 0.01 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 49.0  | 39.9  | 59.9  |
| 71      | 45.7  | 36.9  | 55.3  |

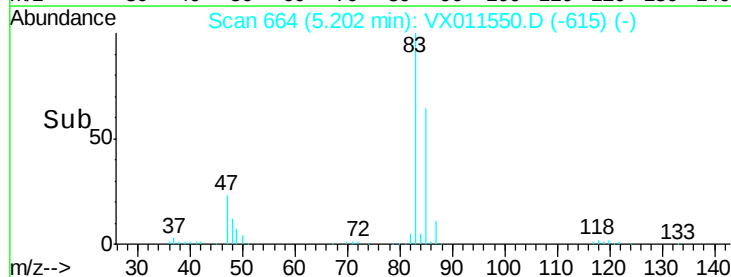
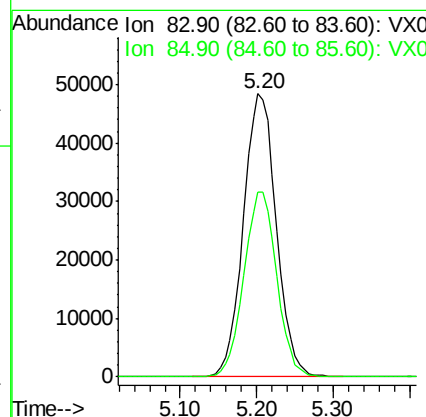
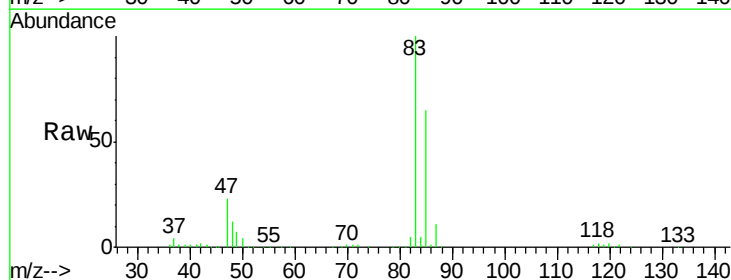
Manual Integrations  
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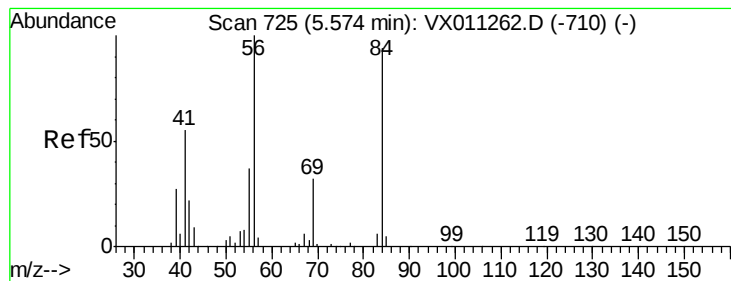
MMDadoda  
8/14/2019 11:32:10 AM



#30  
Chloroform  
Concen: 54.846 ug/l  
RT: 5.20 min Scan# 664  
Delta R.T. -0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.5  | 53.4  | 80.0  |





#31

Cyclohexane

Concen: 47.931 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

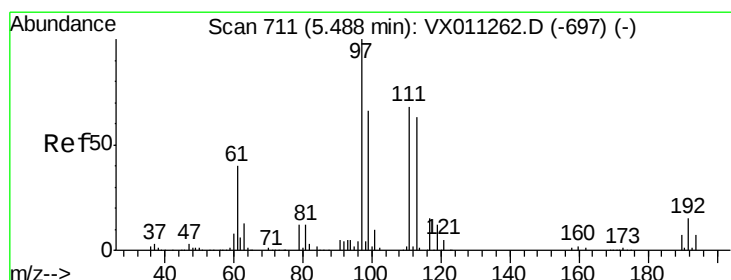
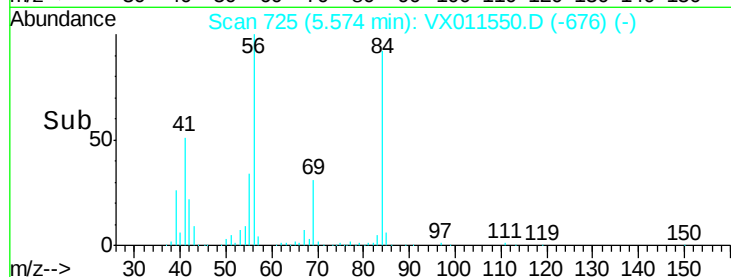
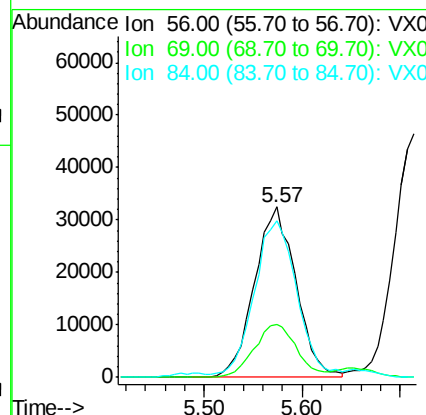
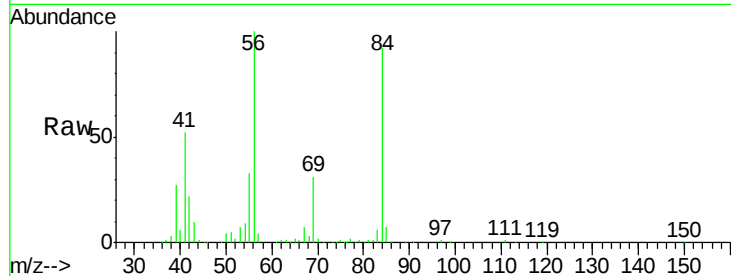
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 56    | Resp: | 95933 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 30.6  | 25.5  | 38.3  |
| 84       | 89.5  | 75.0  | 112.4 |

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#32

1,1,1-Trichloroethane

Concen: 55.938 ug/l

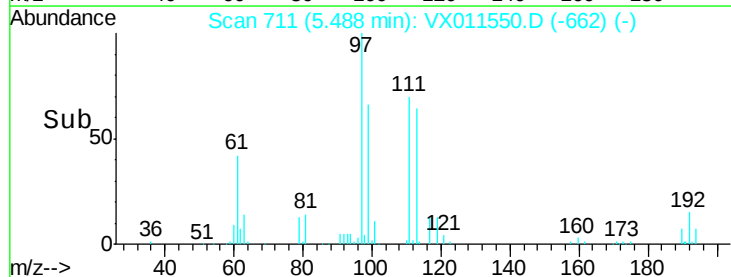
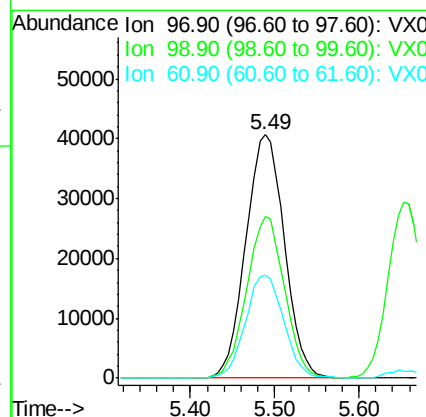
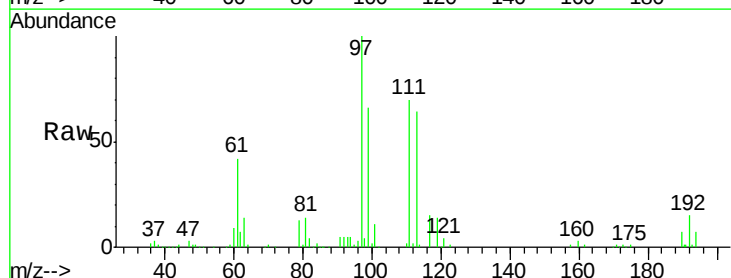
RT: 5.49 min Scan# 711

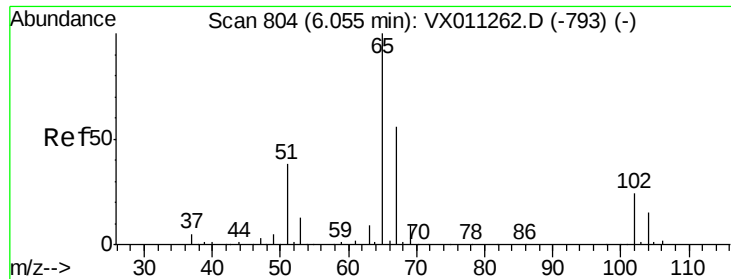
Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 126348 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 65.1  | 51.6  | 77.4   |
| 61       | 42.0  | 32.3  | 48.5   |





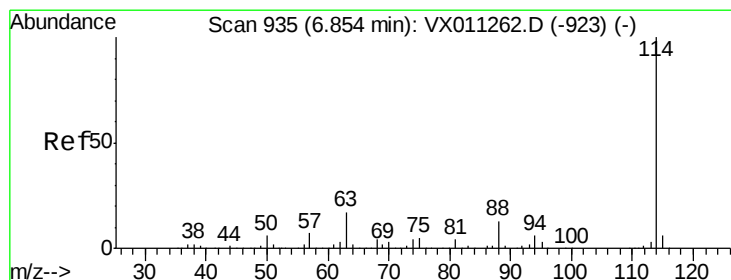
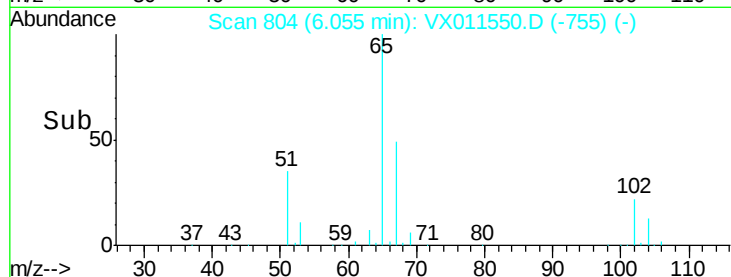
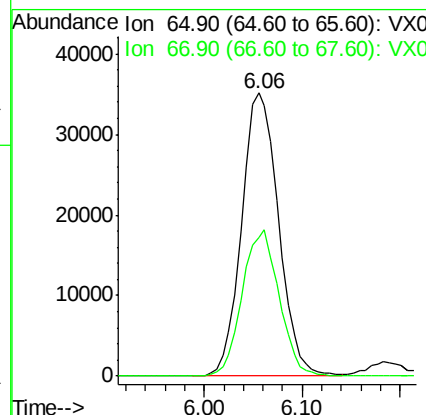
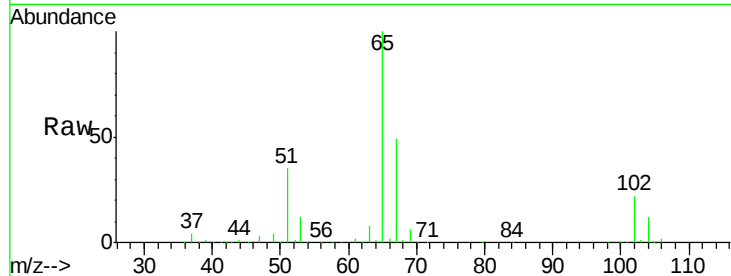
#33  
 1,2-Dichloroethane-d4  
 Concen: 59.315 ug/l  
 RT: 6.06 min Scan# 804  
 Delta R.T. -0.00 min  
 Lab File: VX011550.D  
 Acq: 13 Aug 2019 20:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 65 Resp: 92187  
 Ion Ratio Lower Upper  
 65 100  
 67 51.5 0.0 110.6

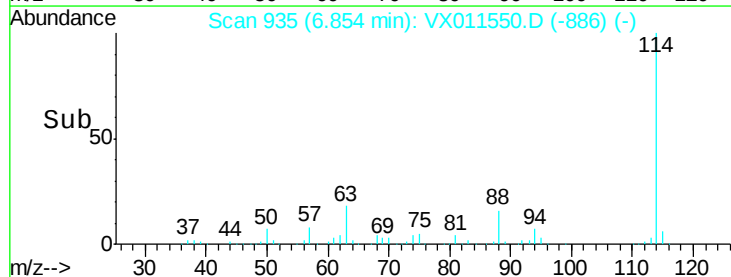
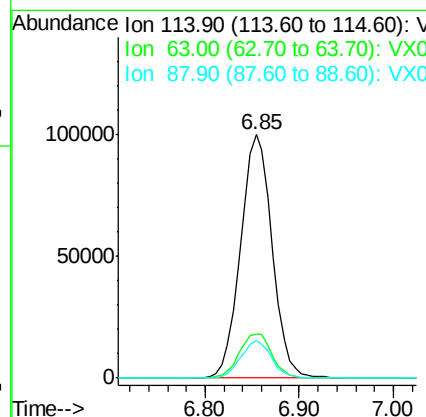
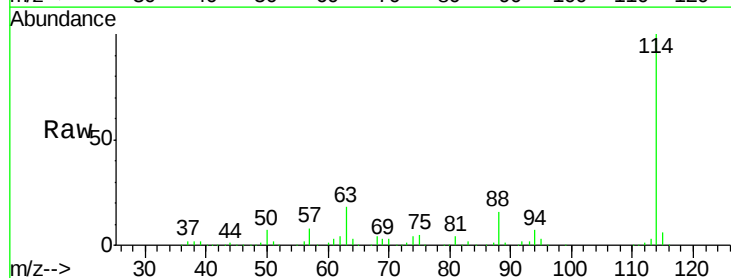
Manual Integrations  
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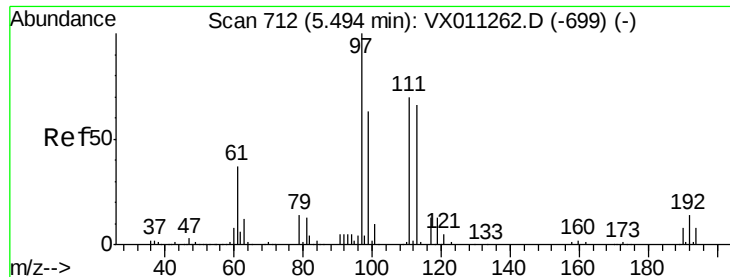
MMDadoda  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 935  
 Delta R.T. -0.00 min  
 Lab File: VX011550.D  
 Acq: 13 Aug 2019 20:45

Tgt Ion: 114 Resp: 233727  
 Ion Ratio Lower Upper  
 114 100  
 63 18.1 0.0 34.0  
 88 15.7 0.0 26.4





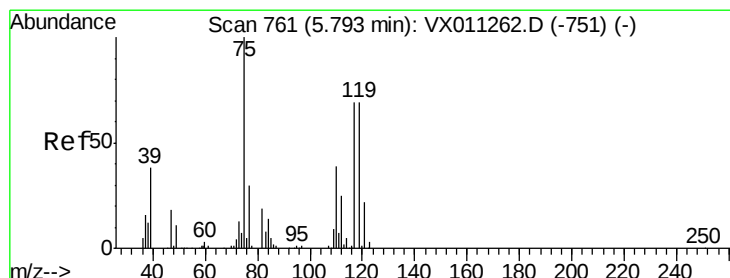
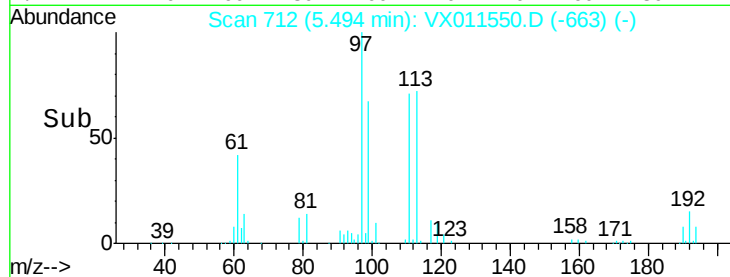
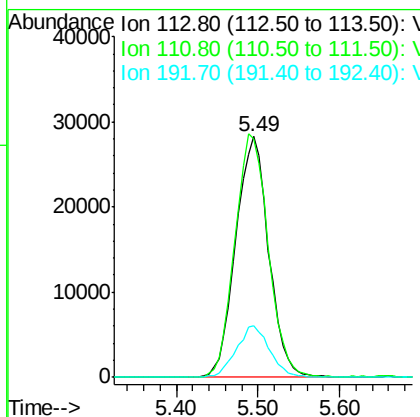
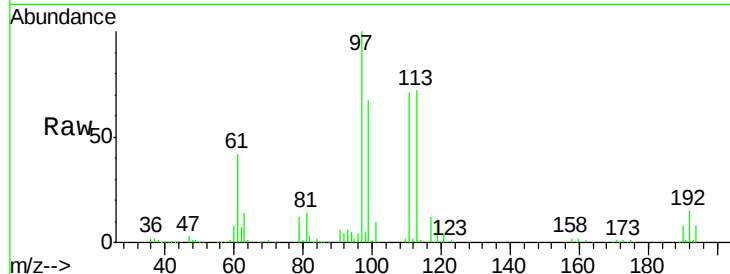
#35  
 Dibromofluoromethane  
 Concen: 51.800 ug/l  
 RT: 5.49 min Scan# 712  
 Delta R.T. 0.00 min  
 Lab File: VX011550.D  
 Acq: 13 Aug 2019 20:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 79045 |       |       |
| 111     | 102.7 |       | 81.9  | 122.9 |
| 192     | 21.6  |       | 17.8  | 26.8  |

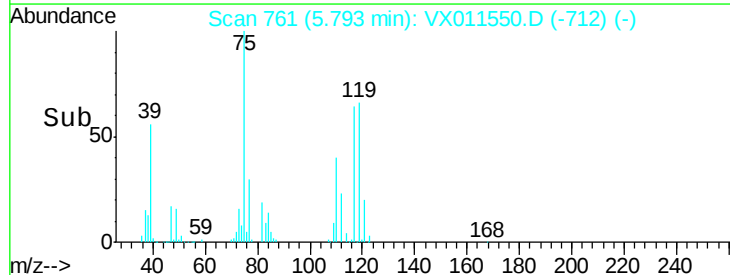
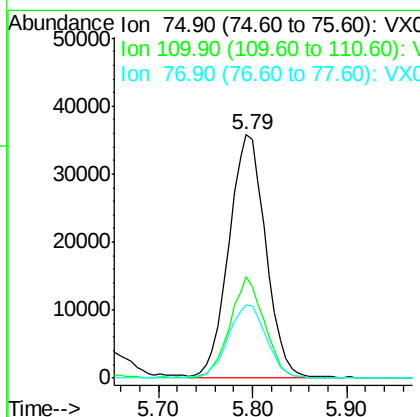
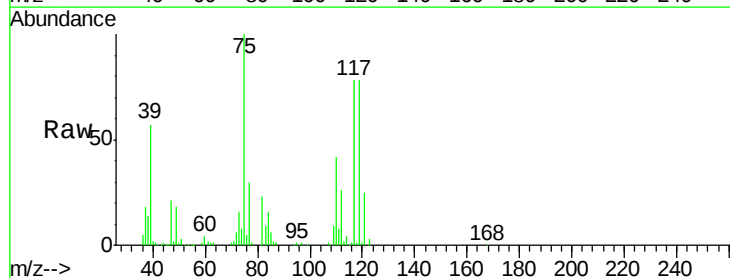
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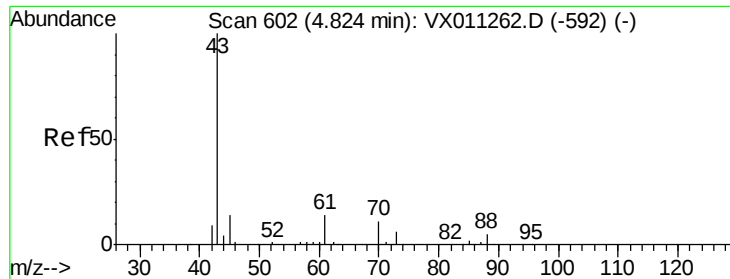
MMDadoda  
 8/14/2019 11:32:10 AM



#36  
 1,1-Dichloropropene  
 Concen: 47.590 ug/l  
 RT: 5.79 min Scan# 761  
 Delta R.T. -0.00 min  
 Lab File: VX011550.D  
 Acq: 13 Aug 2019 20:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 97114 |       |       |
| 110     | 39.0  |       | 20.0  | 59.9  |
| 77      | 31.4  |       | 24.8  | 37.2  |





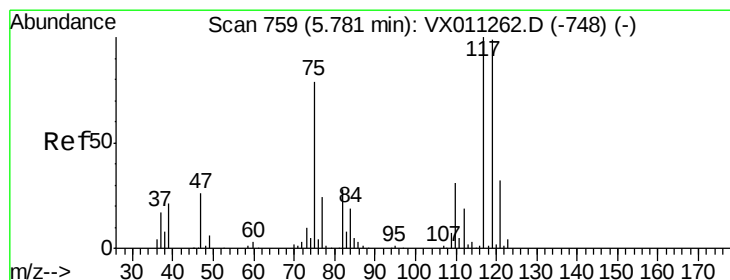
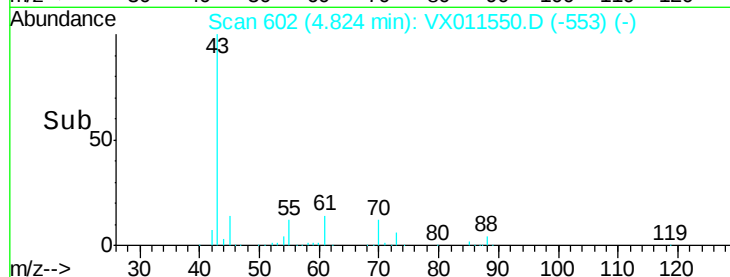
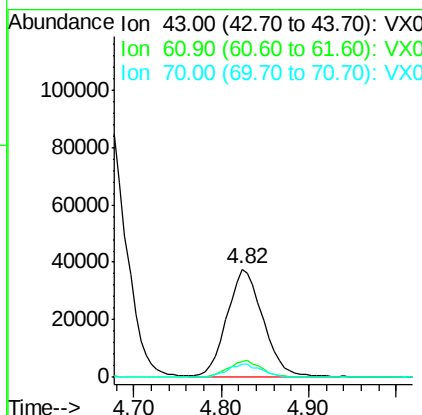
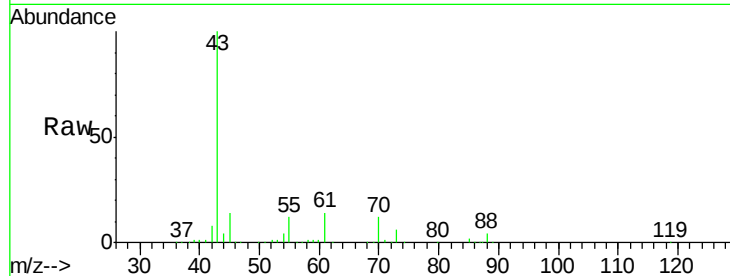
#37  
Ethyl Acetate  
Concen: 52.399 ug/l  
RT: 4.82 min Scan# 602  
Delta R.T. -0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.1  | 12.6  | 18.8  |
| 70      | 11.7  | 9.1   | 13.7  |

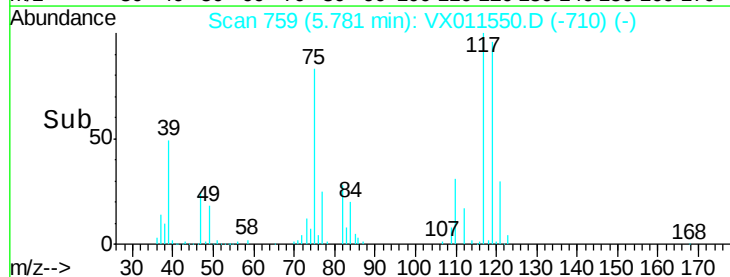
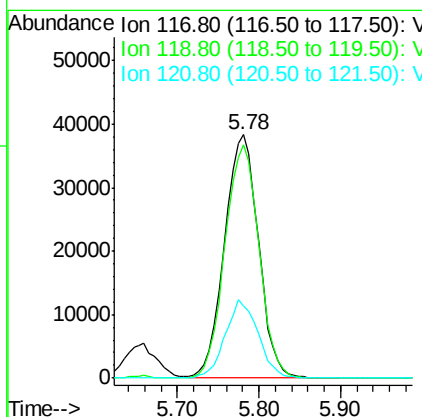
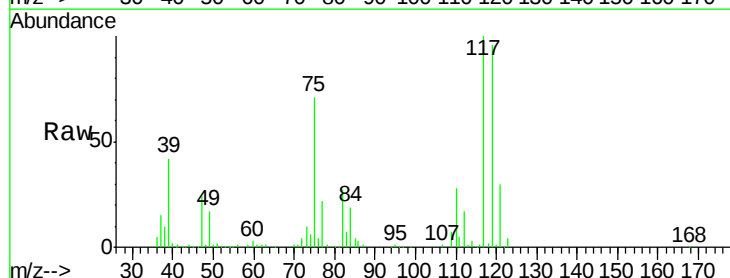
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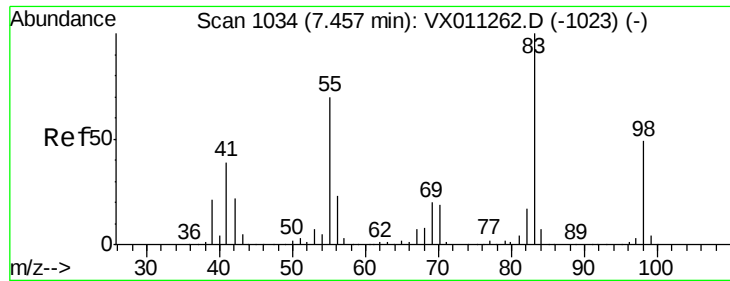
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 53.750 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. 0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.7  | 79.0  | 118.4 |
| 121     | 29.6  | 25.9  | 38.9  |





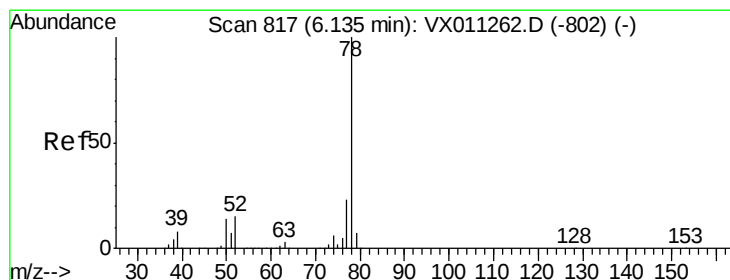
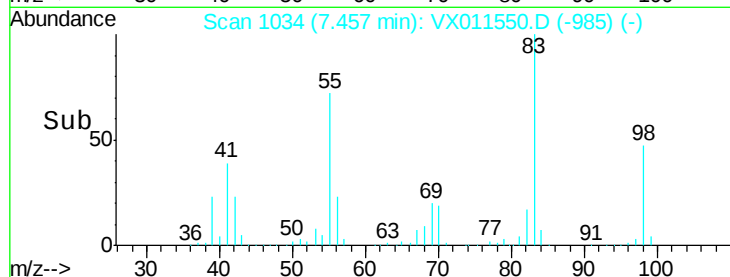
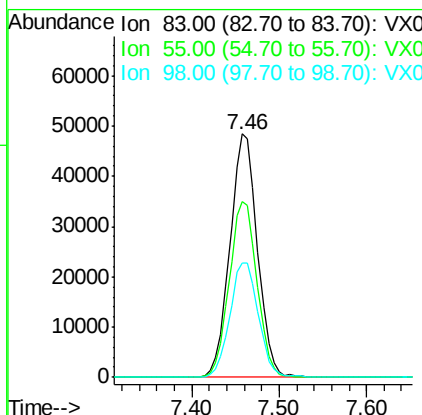
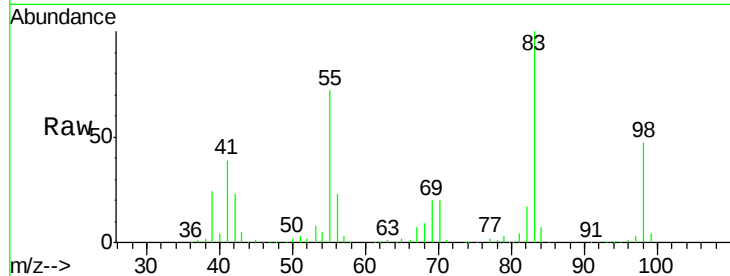
#39  
Methylvlcyclohexane  
Concen: 43.726 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 83    | Resp  | 105768 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 72.2  | 56.1  | 84.1   |
| 98        | 46.9  | 39.0  | 58.4   |

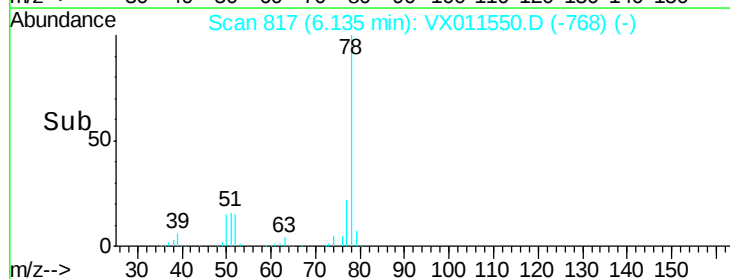
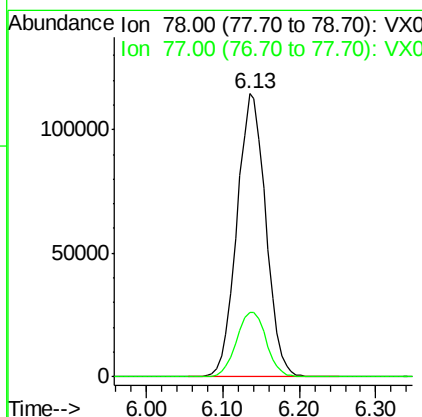
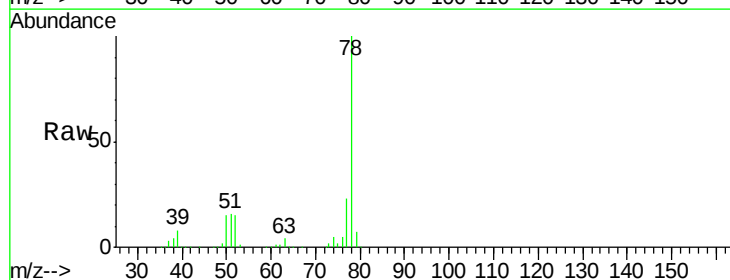
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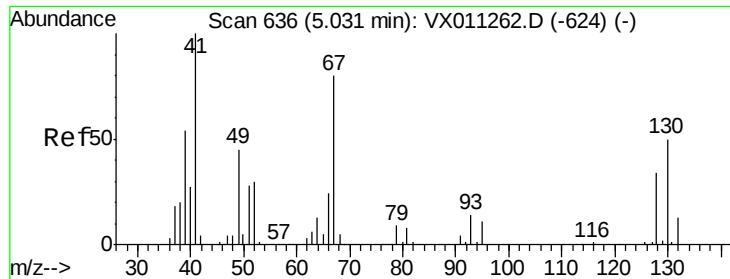
MMDadoda  
8/14/2019 11:32:10 AM



#40  
Benzene  
Concen: 49.174 ug/l  
RT: 6.13 min Scan# 817  
Delta R.T. -0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

| Tgt Ion   | 78    | Resp  | 299444 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 22.8  | 18.2  | 27.2   |





#41

Methacrylonitrile

Concen: 54.747 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

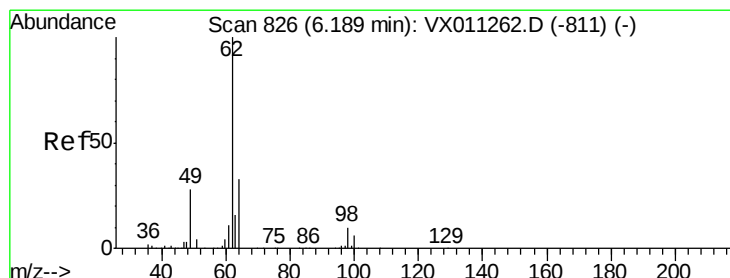
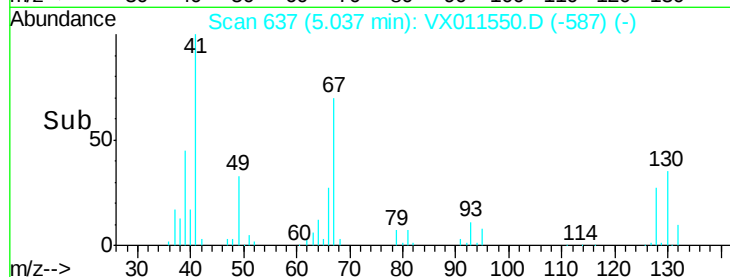
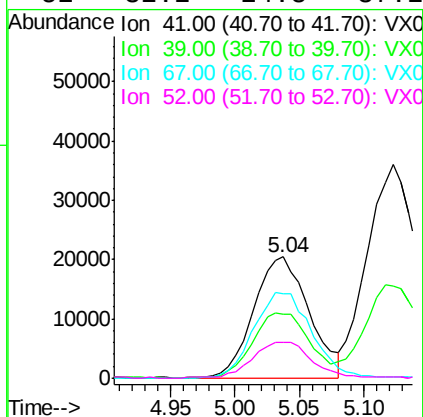
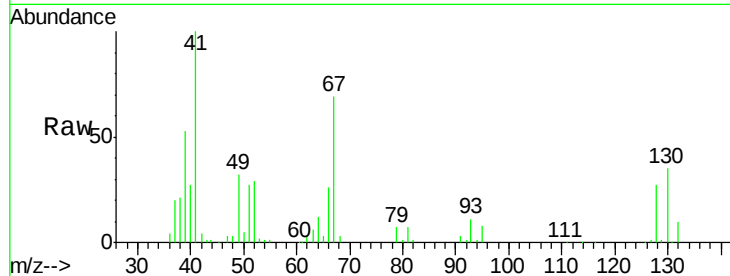
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 41    | Resp: | 61201 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 54.1  | 43.0  | 64.6  |
| 67        | 74.4  | 65.1  | 97.7  |
| 52        | 32.2  | 24.8  | 37.2  |

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#42

1,2-Dichloroethane

Concen: 56.121 ug/l

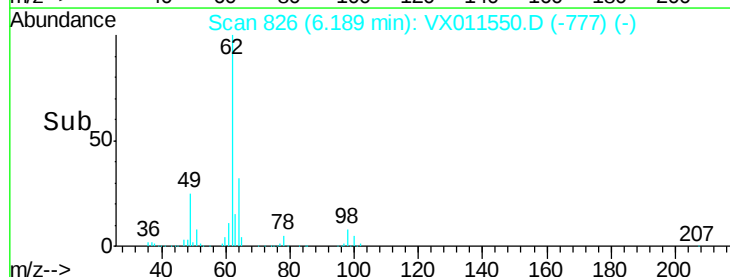
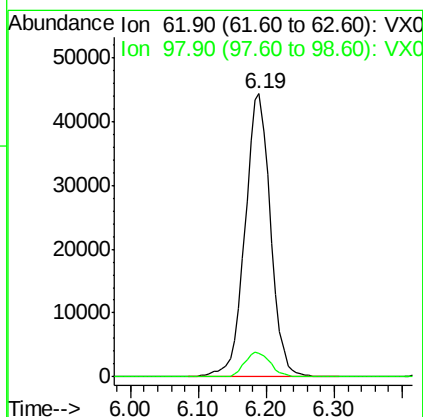
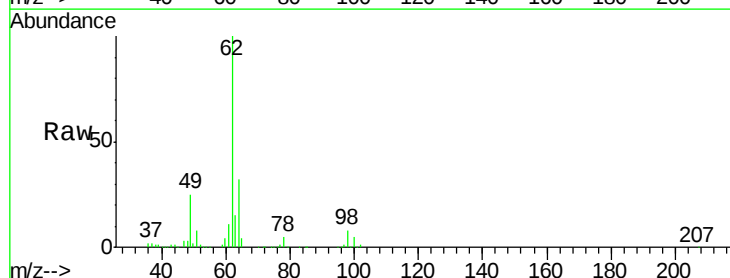
RT: 6.19 min Scan# 826

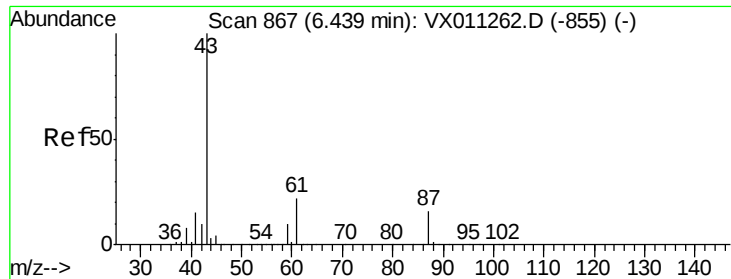
Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 62    | Resp: | 115562 |
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 8.9   | 0.0   | 20.6   |





#43

Isopropyl Acetate

Concen: 53.850 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

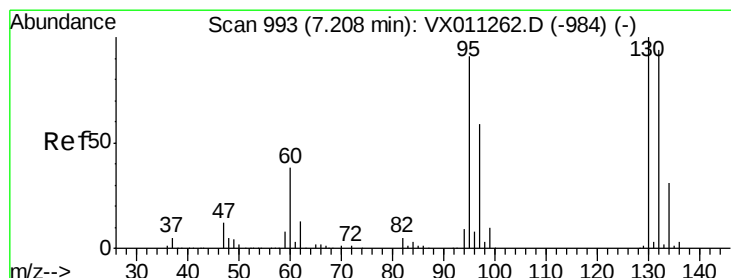
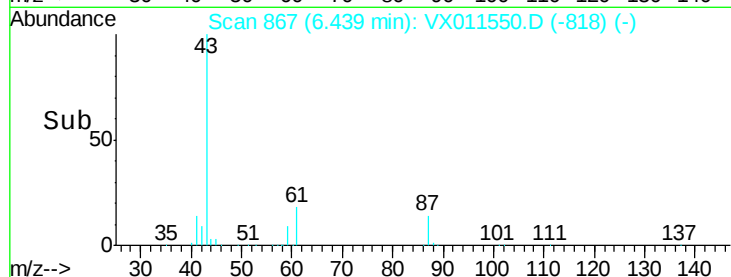
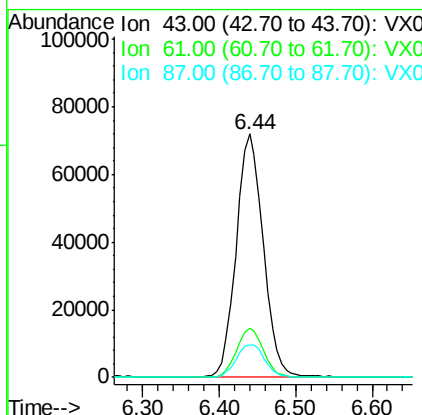
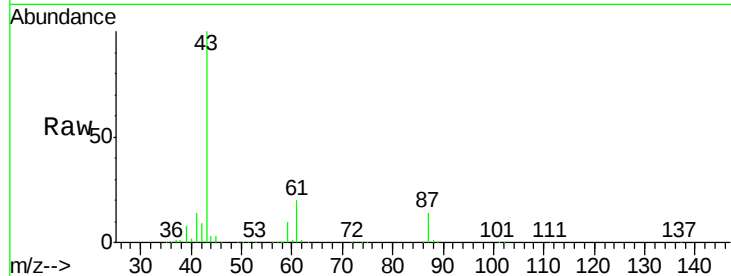
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 176229 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 20.2  | 16.5  | 24.7   |
| 87       | 14.3  | 12.1  | 18.1   |

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#44

Trichloroethene

Concen: 45.738 ug/l

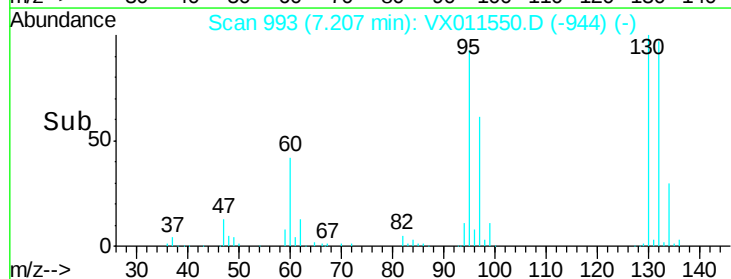
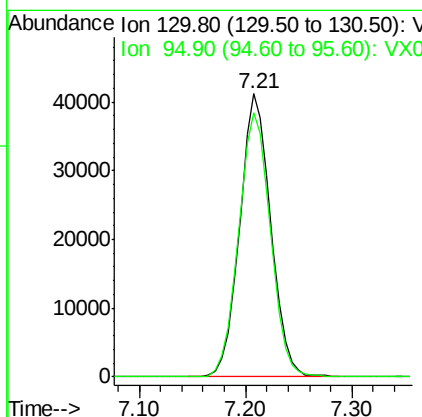
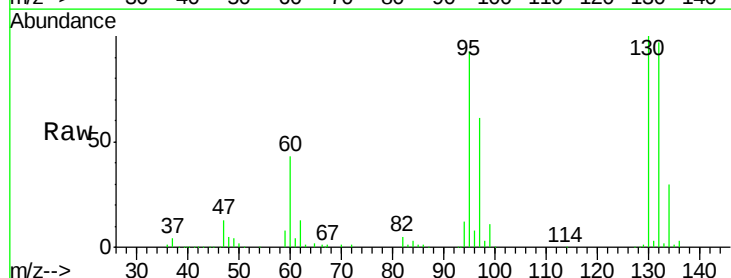
RT: 7.21 min Scan# 993

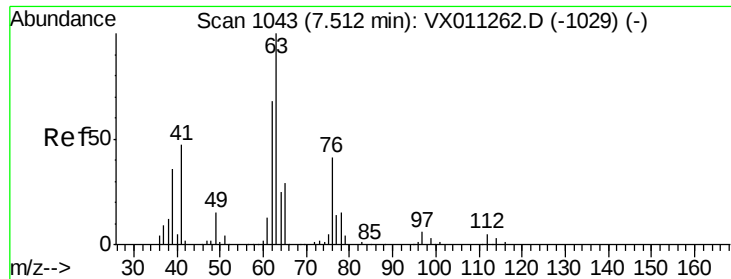
Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 84304 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 93.5  | 0.0   | 182.6 |





#45

1,2-Dichloropropane

Concen: 49.485 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 78041

Ion Ratio Lower Upper

63 100

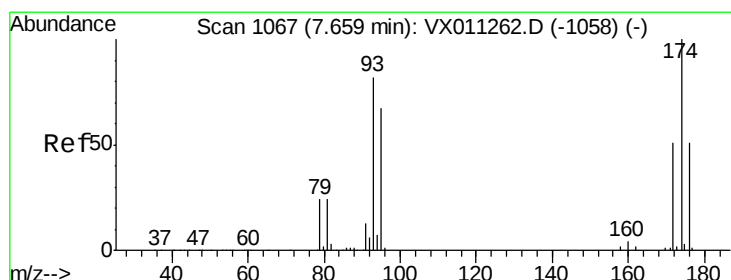
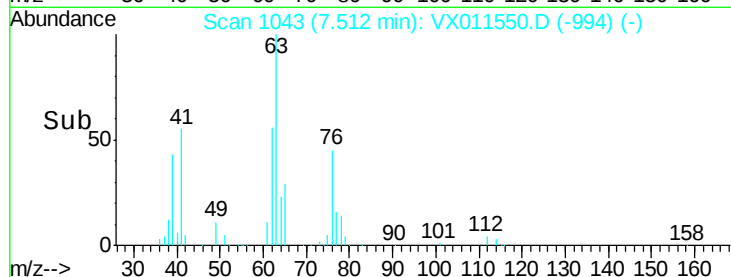
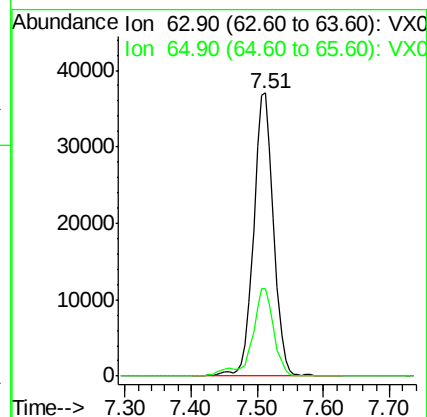
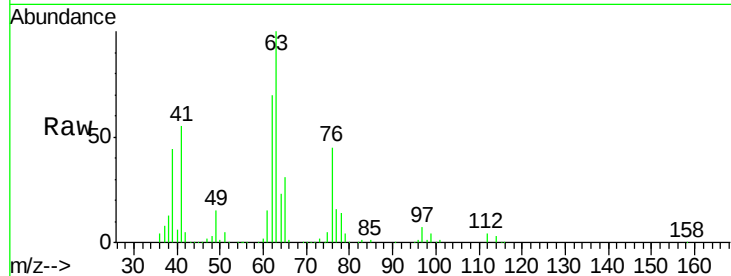
65 31.0 23.3 34.9

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#46

Dibromomethane

Concen: 49.455 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

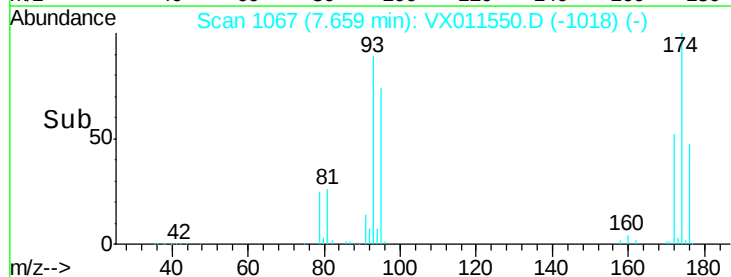
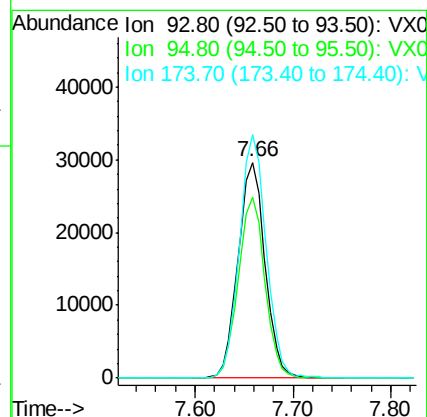
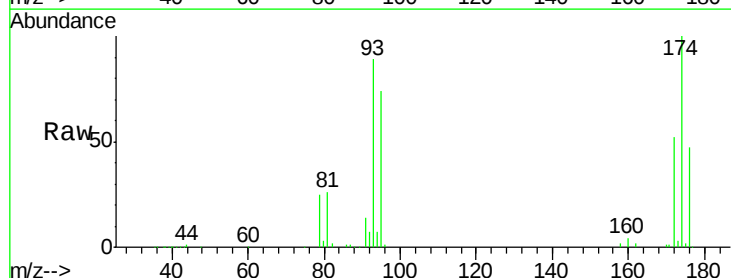
Tgt Ion: 93 Resp: 56937

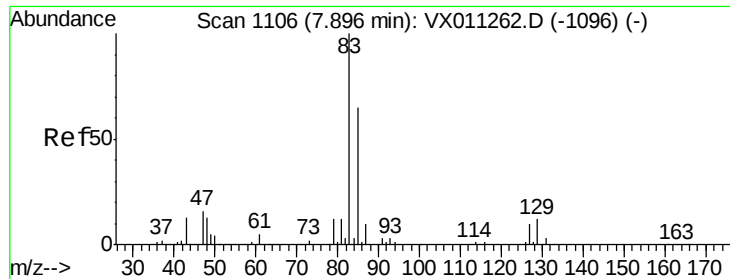
Ion Ratio Lower Upper

93 100

95 82.7 66.4 99.6

174 111.5 93.4 140.2





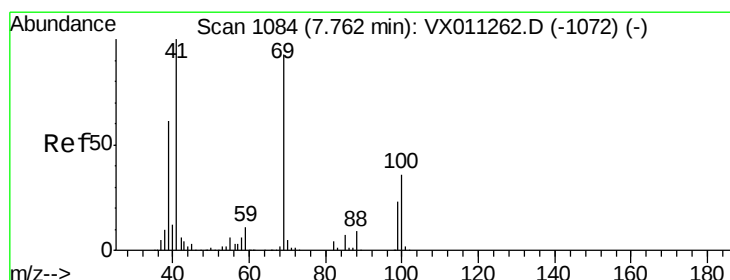
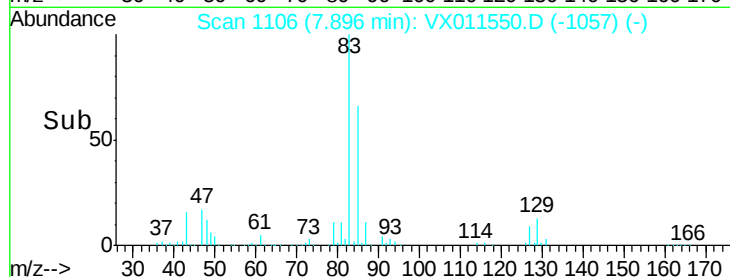
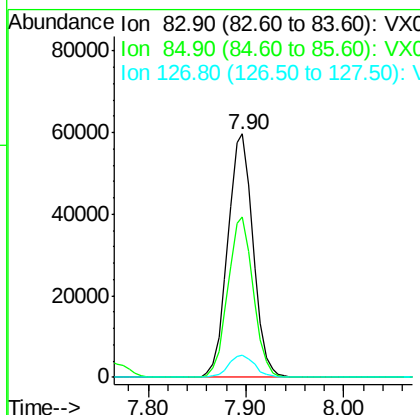
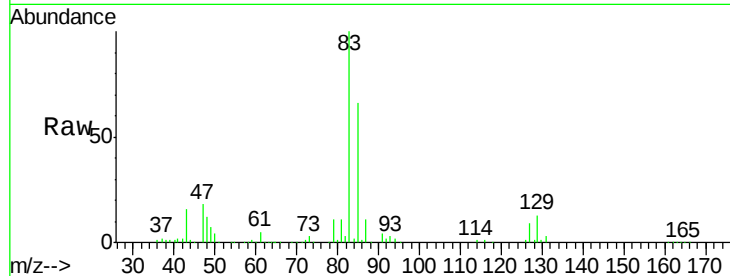
#47  
 Bromodichloromethane  
 Concen: 54.960 ug/l  
 RT: 7.90 min Scan# 1106  
 Delta R.T. -0.00 min  
 Lab File: VX011550.D  
 Acq: 13 Aug 2019 20:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.7  | 52.2  | 78.2  |
| 127     | 9.1   | 7.8   | 11.8  |

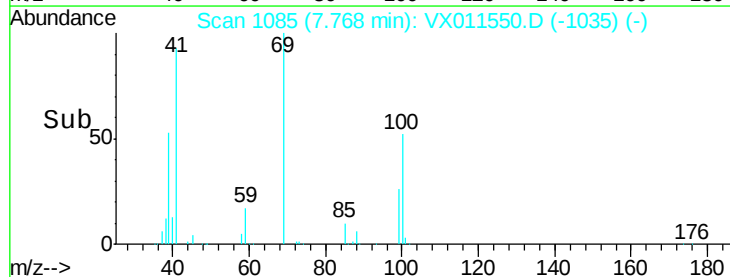
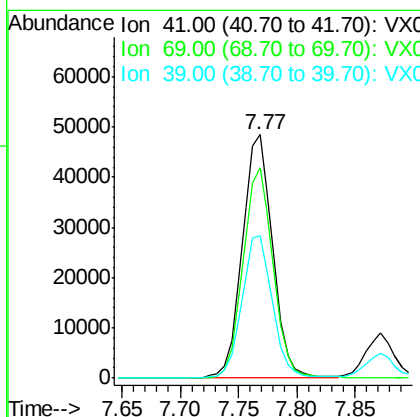
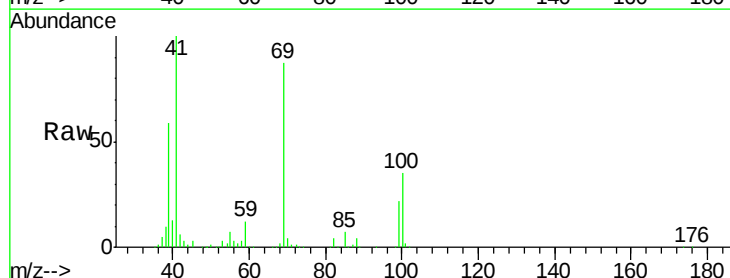
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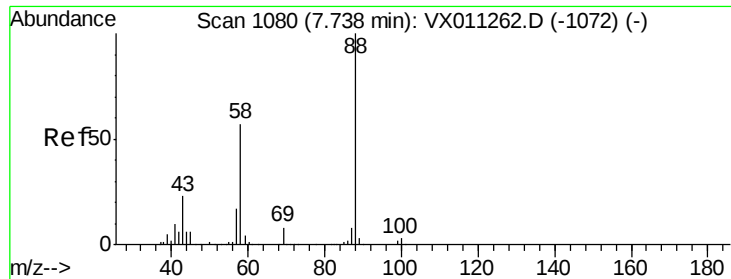
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#48  
 Methyl methacrylate  
 Concen: 56.963 ug/l  
 RT: 7.77 min Scan# 1085  
 Delta R.T. 0.01 min  
 Lab File: VX011550.D  
 Acq: 13 Aug 2019 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 86.4  | 74.5  | 111.7 |
| 39      | 58.6  | 48.6  | 72.8  |





#49

1,4-Dioxane

Concen: 896.342 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

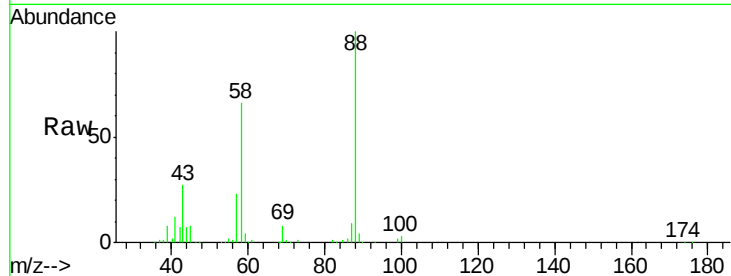
ClientSampleId :

VSTDCCC050EC

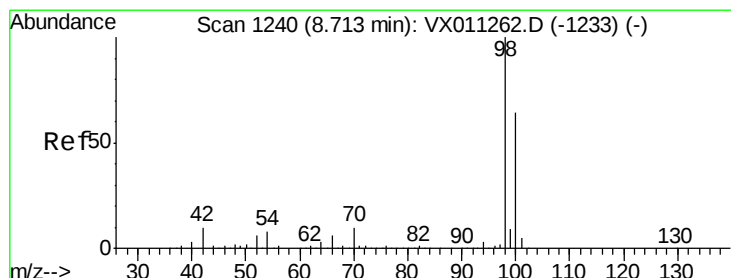
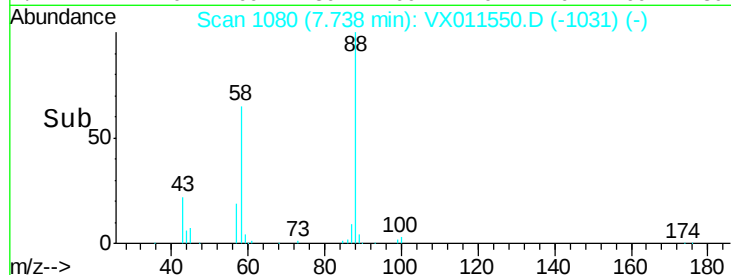
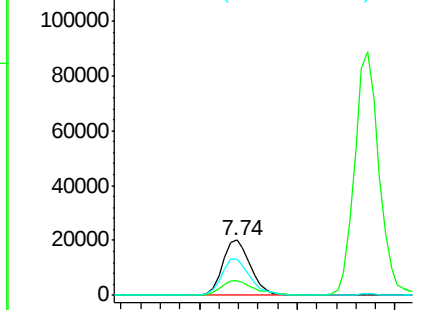
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 40021 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 31.2  | 22.2  | 33.2  |
| 58       | 66.8  | 47.8  | 71.8  |

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Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.234 ug/l

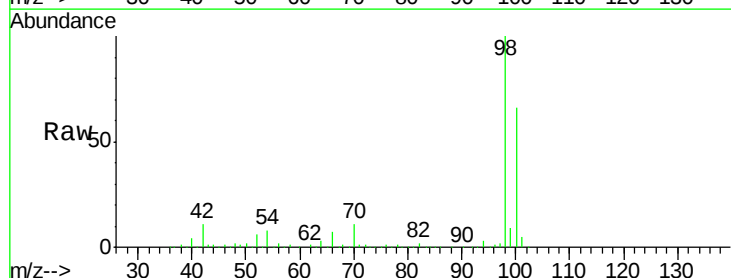
RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

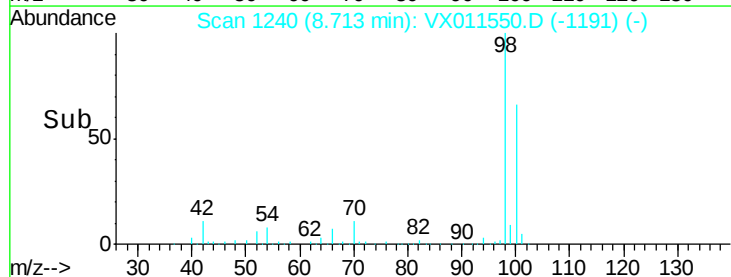
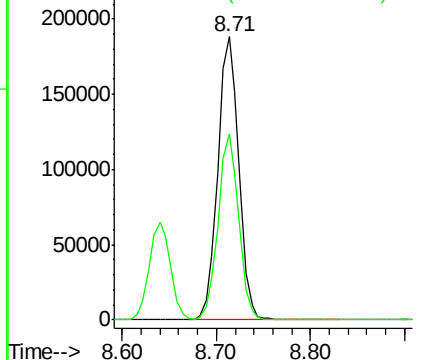
Lab File: VX011550.D

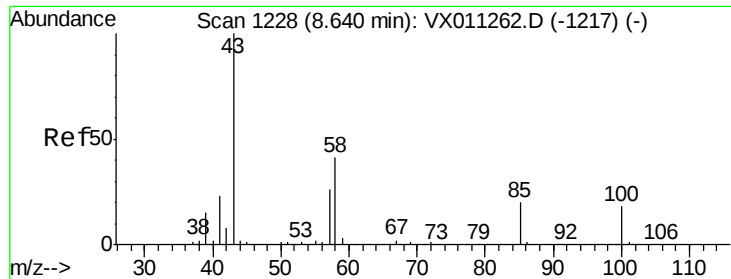
Acq: 13 Aug 2019 20:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 289346 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.6  | 51.7  | 77.5   |



Abundance Ion 98.00 (97.70 to 98.70): VX0  
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 279.255 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 589784

Ion Ratio Lower Upper

43 100

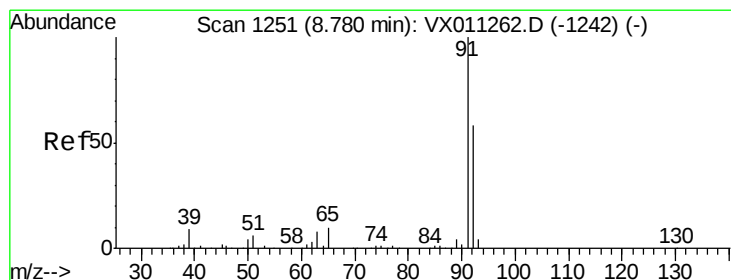
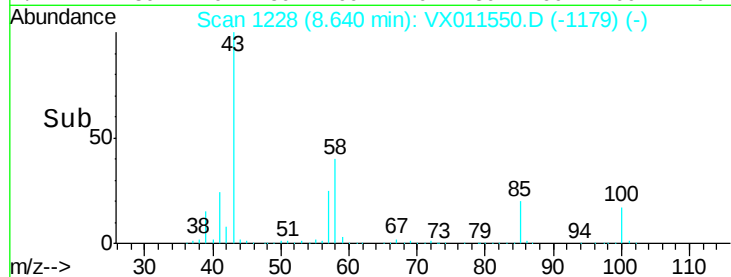
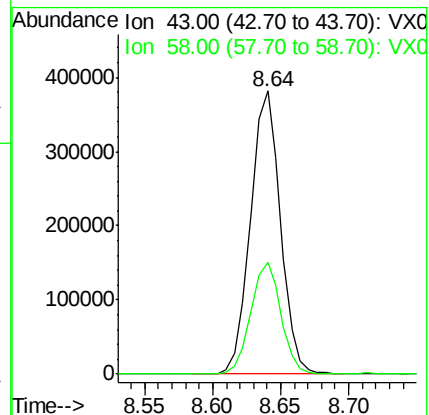
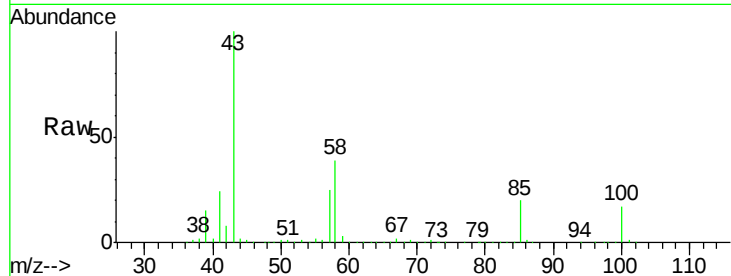
58 39.6 32.3 48.5

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#52

Toluene

Concen: 49.576 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011550.D

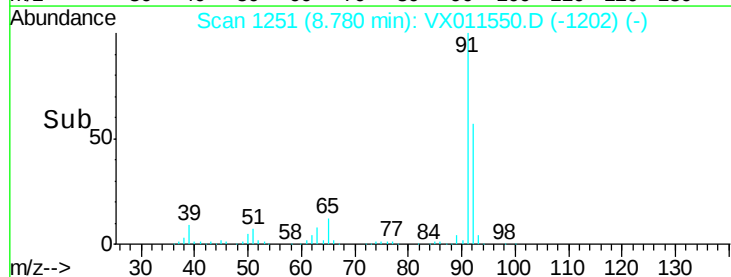
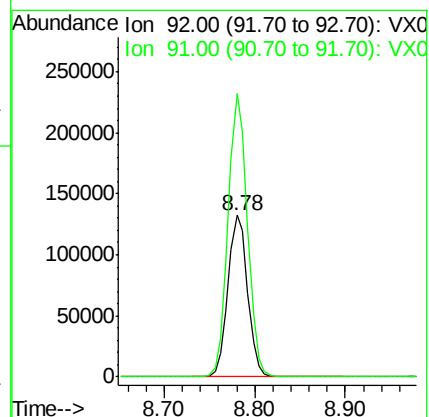
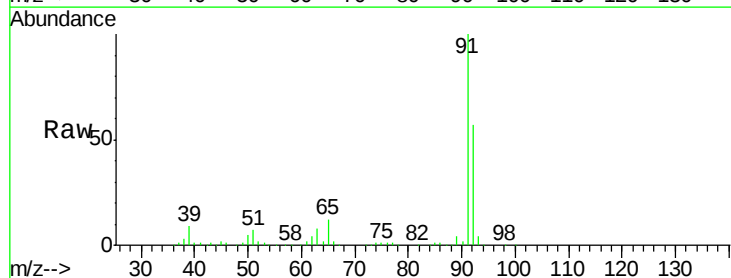
Acq: 13 Aug 2019 20:45

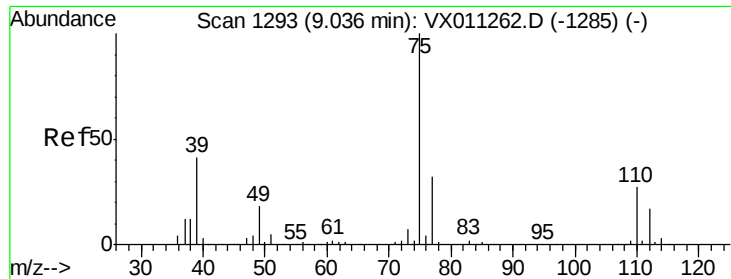
Tgt Ion: 92 Resp: 199600

Ion Ratio Lower Upper

92 100

91 172.9 139.4 209.0





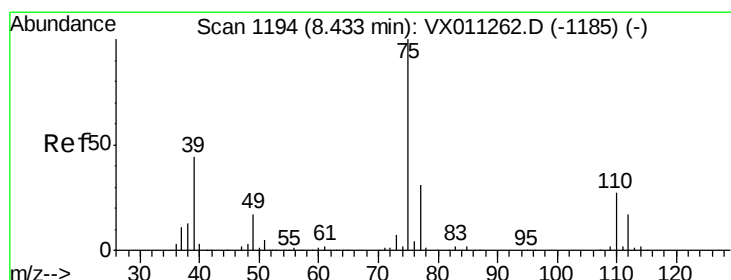
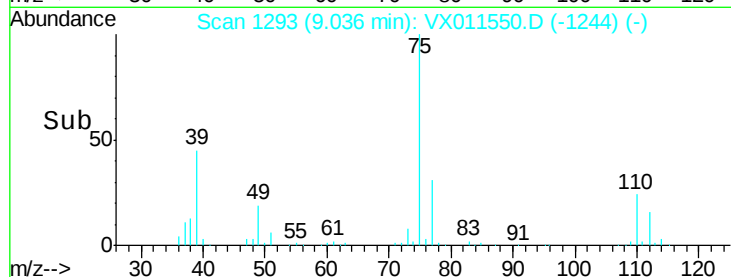
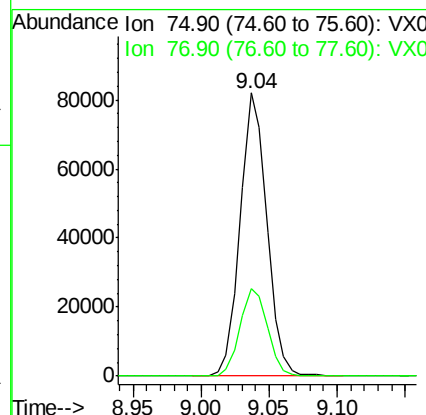
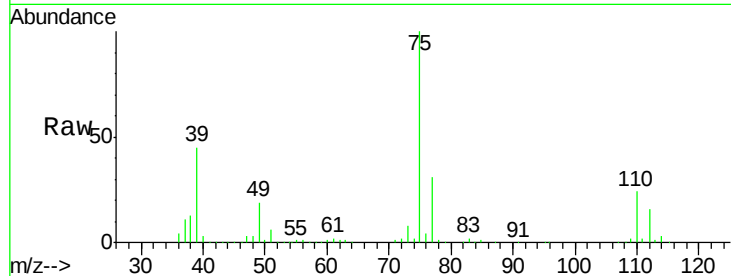
#53  
t-1,3-Dichloropropene  
Concen: 49.596 ug/l  
RT: 9.04 min Scan# 1293  
Delta R.T. 0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 75 Resp: 112530  
Ion Ratio Lower Upper  
75 100  
77 30.7 25.4 38.0

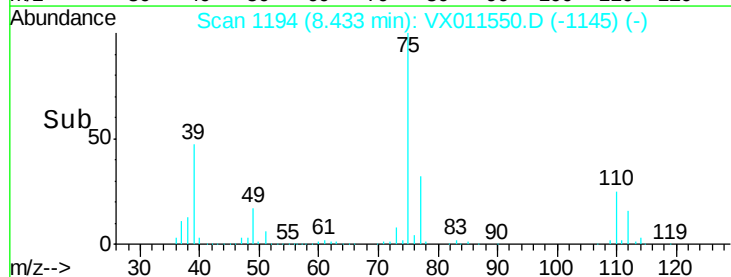
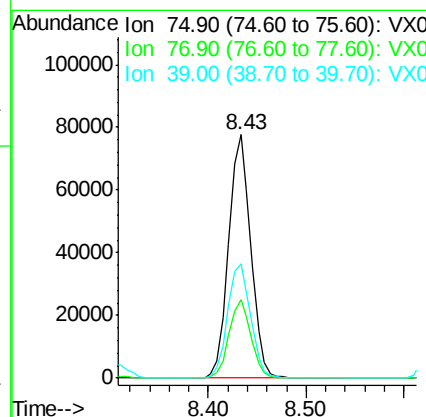
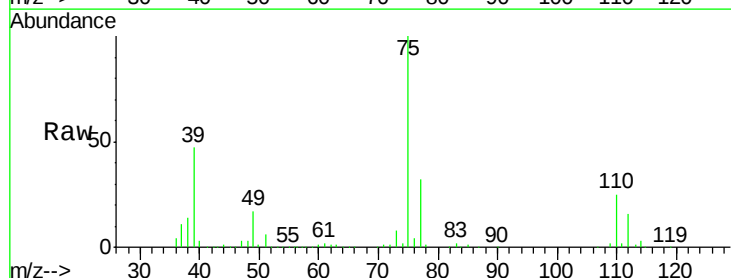
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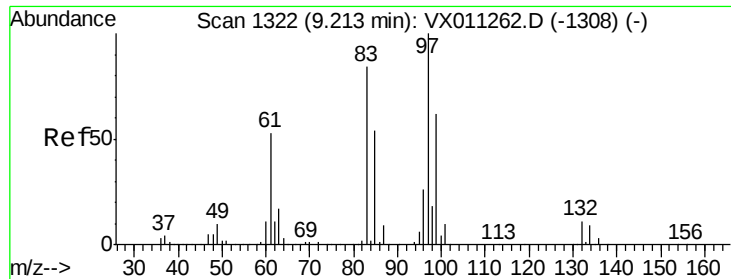
MMDadoda  
8/14/2019 11:32:10 AM



#54  
cis-1,3-Dichloropropene  
Concen: 53.598 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. -0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Tgt Ion: 75 Resp: 122039  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.0 37.6  
39 46.8 35.3 52.9





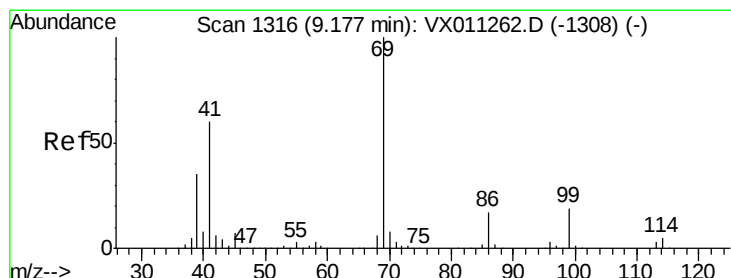
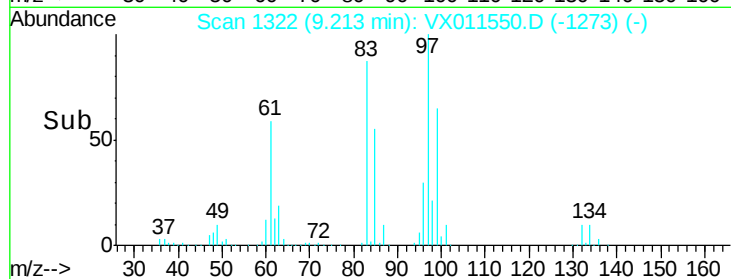
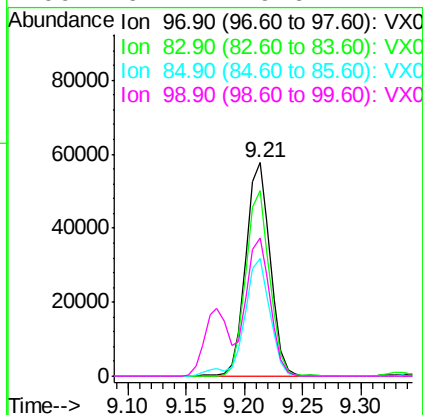
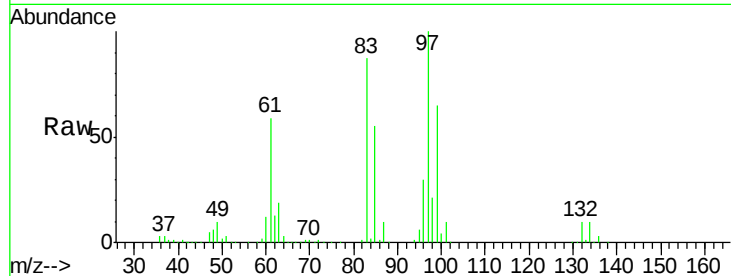
#55  
 1,1,2-Trichloroethane  
 Concen: 51.339 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX011550.D  
 Acq: 13 Aug 2019 20:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 84985 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.6  | 67.6  | 101.4 |
| 85       | 55.3  | 43.4  | 65.0  |
| 99       | 64.4  | 49.6  | 74.4  |

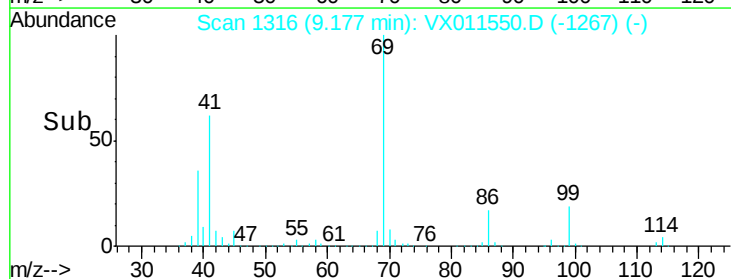
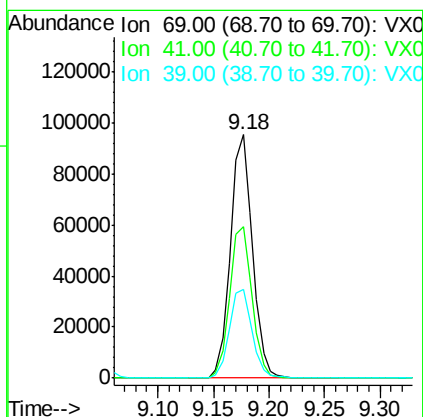
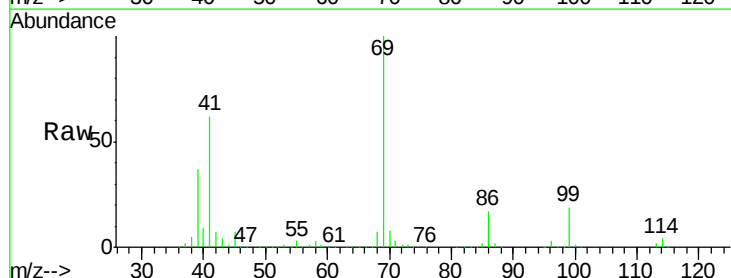
Manual Integrations  
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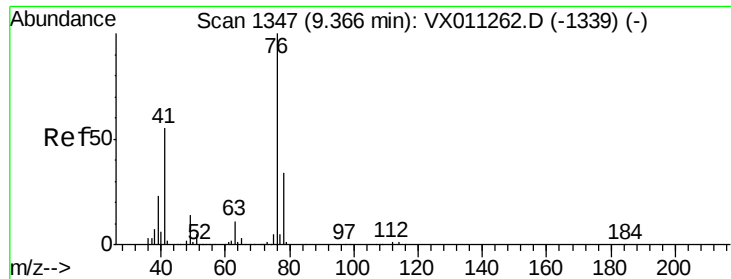
MMDadoda  
 8/14/2019 11:32:10 AM



#56  
 Ethyl methacrylate  
 Concen: 55.308 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX011550.D  
 Acq: 13 Aug 2019 20:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 130473 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 63.1  | 48.6  | 73.0   |
| 39       | 37.1  | 29.4  | 44.2   |





#57

1,3-Dichloropropane

Concen: 51.565 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 134996

Ion Ratio Lower Upper

76 100

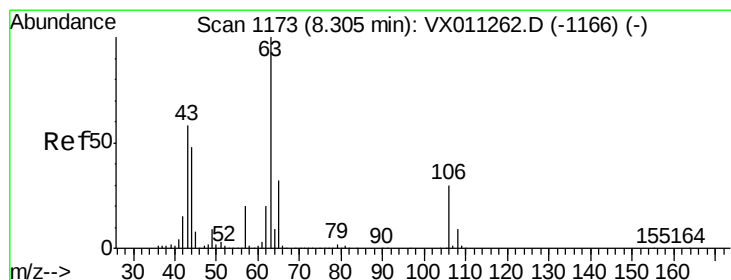
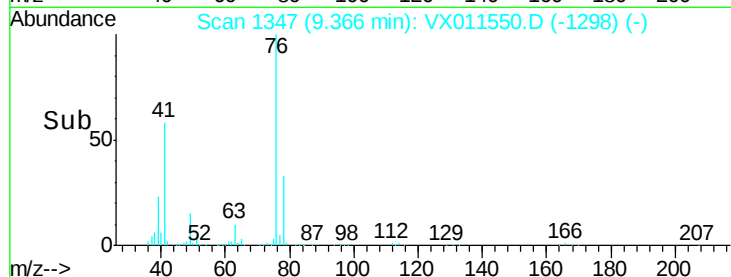
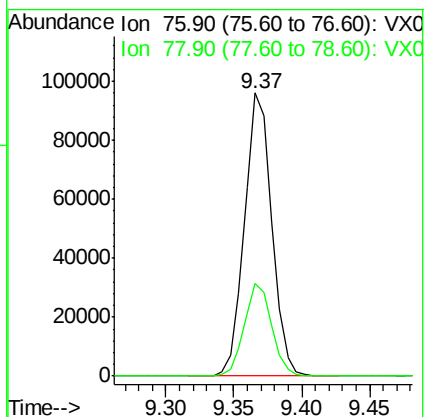
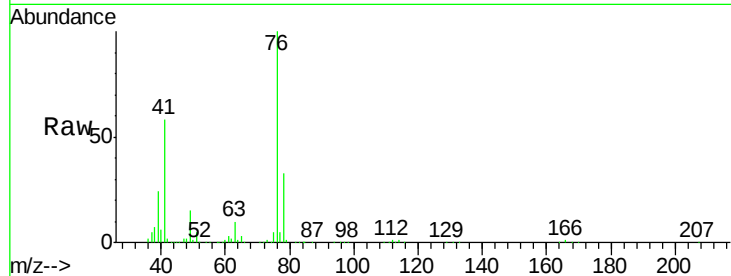
78 32.9 26.6 40.0

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8/14/2019 11:32:10 AM



#58

2-Chloroethyl Vinyl ether

Concen: 261.283 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VX011550.D

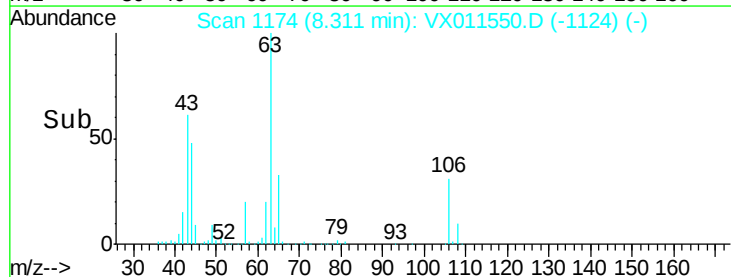
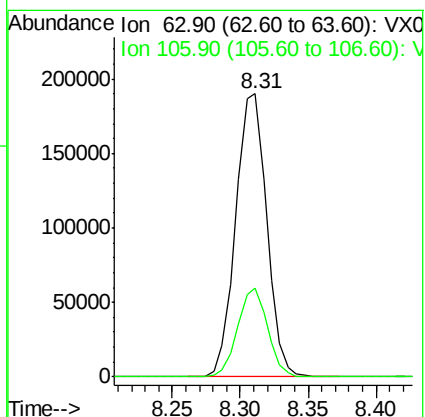
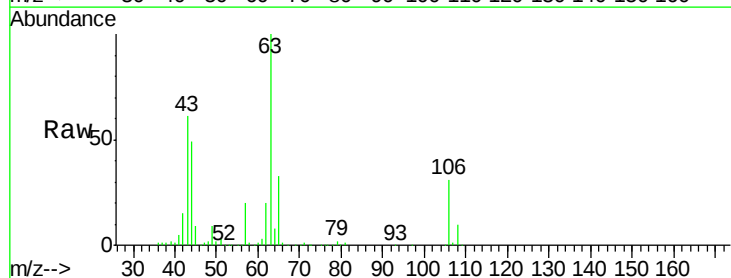
Acq: 13 Aug 2019 20:45

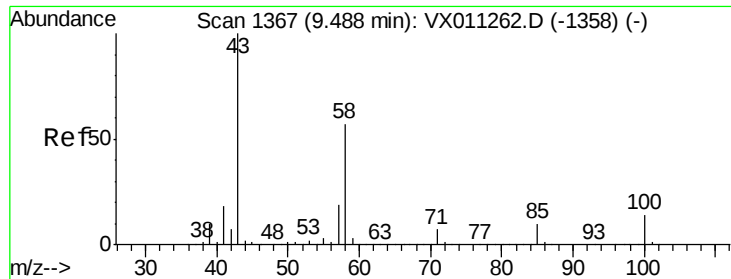
Tgt Ion: 63 Resp: 303064

Ion Ratio Lower Upper

63 100

106 30.2 24.4 36.6





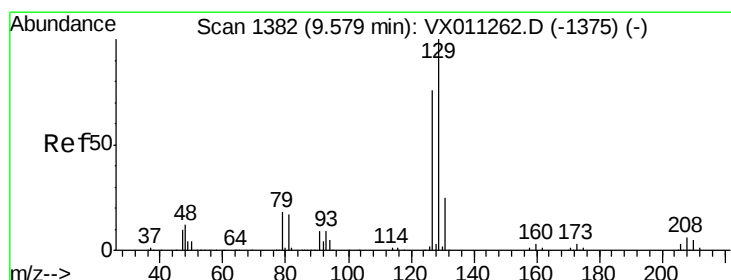
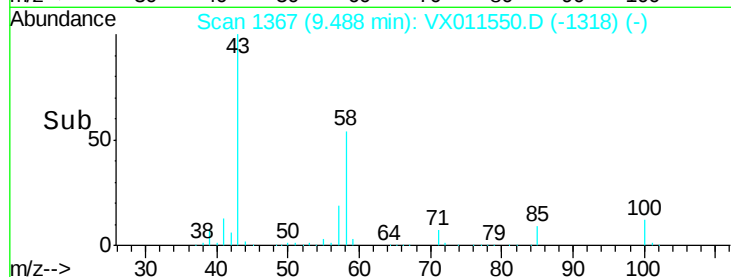
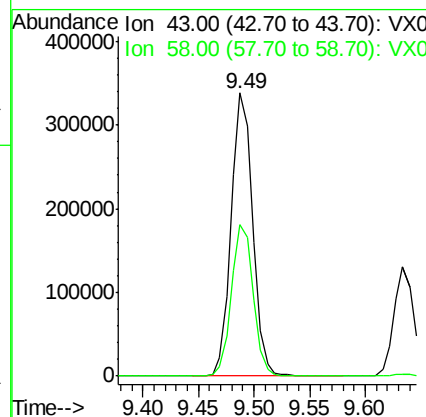
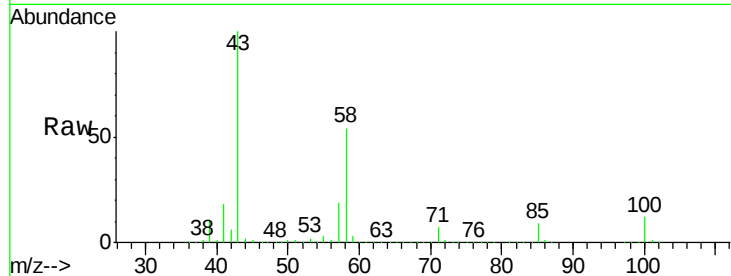
#59  
2-Hexanone  
Concen: 277.135 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. 0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 54.4  | 28.2  | 84.6  |

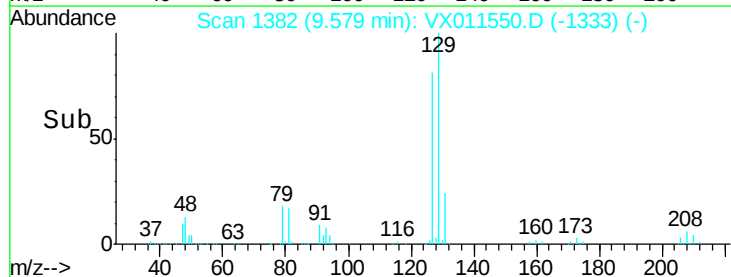
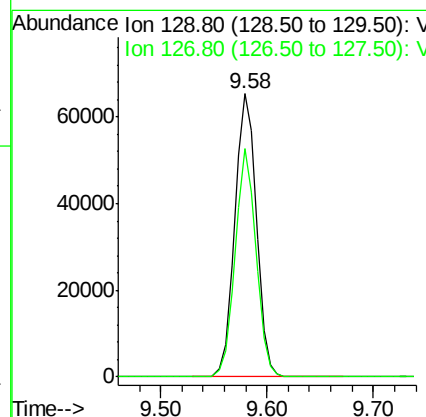
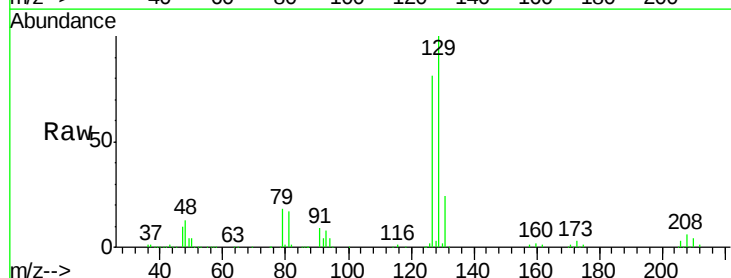
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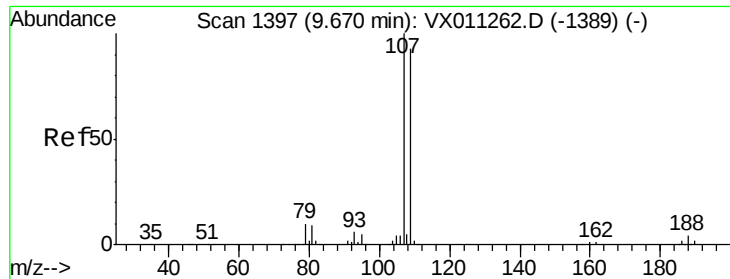
MMDadoda  
8/14/2019 11:32:10 AM



#60  
Dibromochloromethane  
Concen: 55.085 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 78.0  | 39.2  | 117.6 |





#61

1,2-Dibromoethane

Concen: 52.412 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 93737

Ion Ratio Lower Upper

107 100

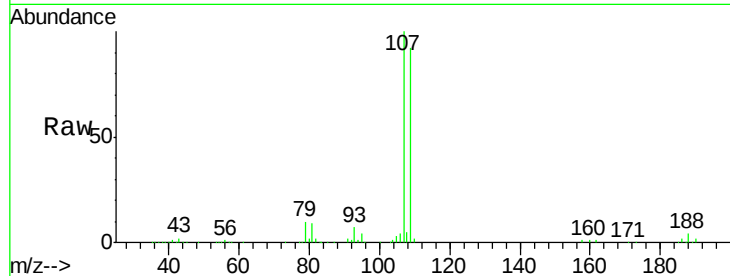
109 93.2 76.6 114.8

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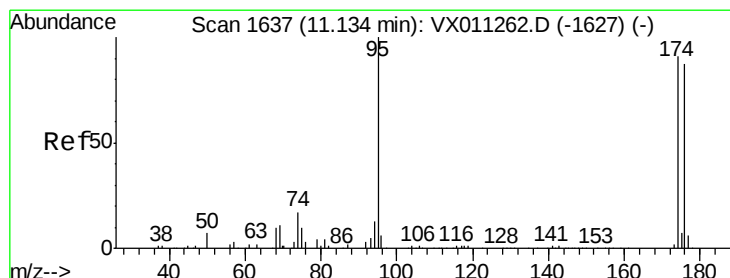
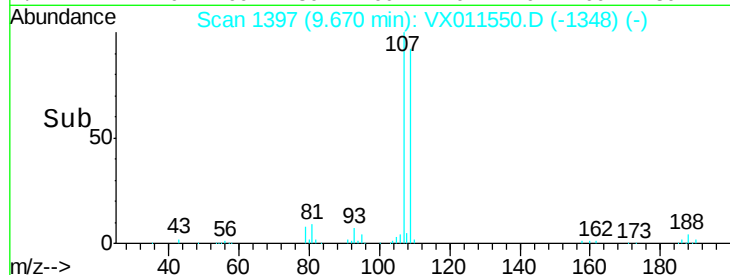
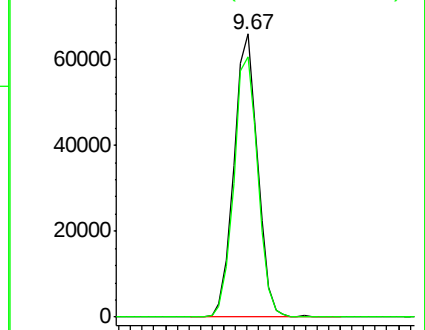
MMDadoda

8/14/2019 11:32:10 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.574 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

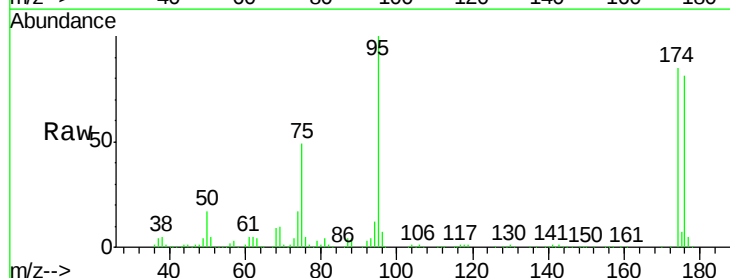
Tgt Ion: 95 Resp: 110175

Ion Ratio Lower Upper

95 100

174 88.5 0.0 191.2

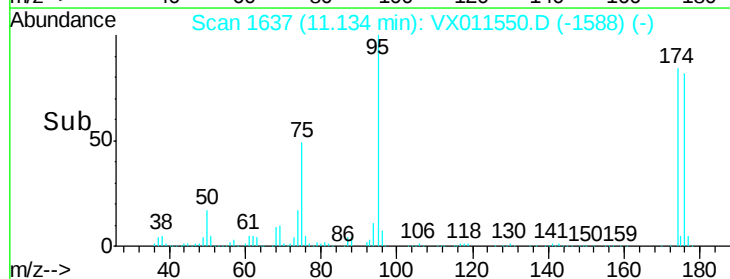
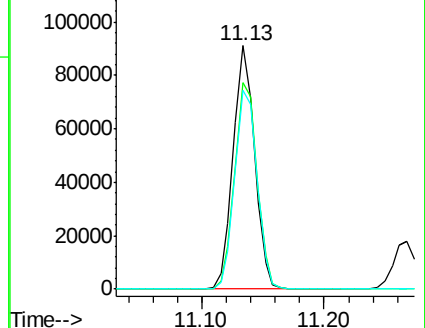
176 85.2 0.0 184.8

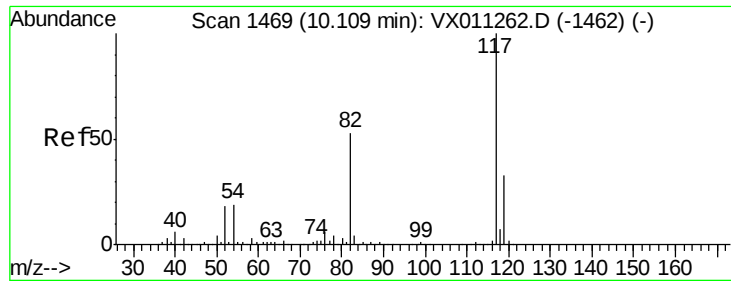


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





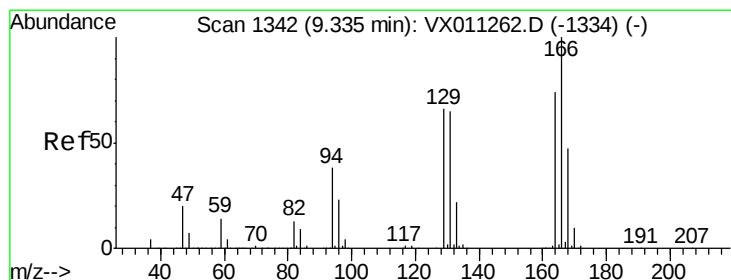
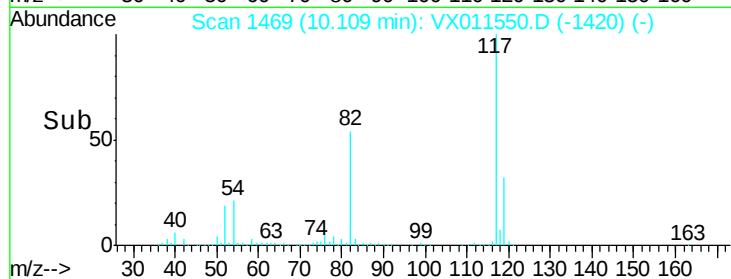
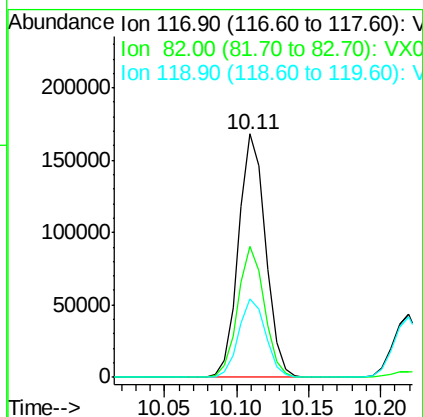
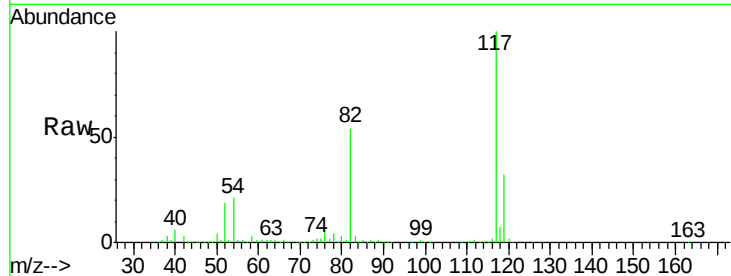
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.0  | 42.2  | 63.2  |
| 119     | 32.2  | 26.6  | 39.8  |

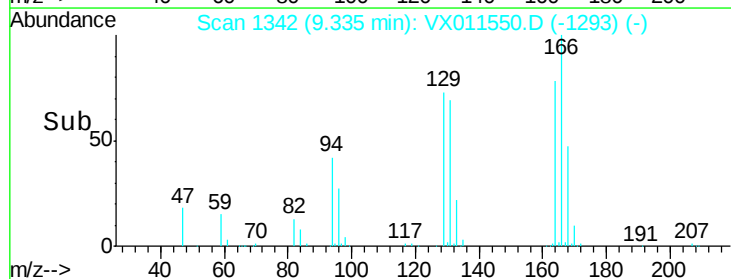
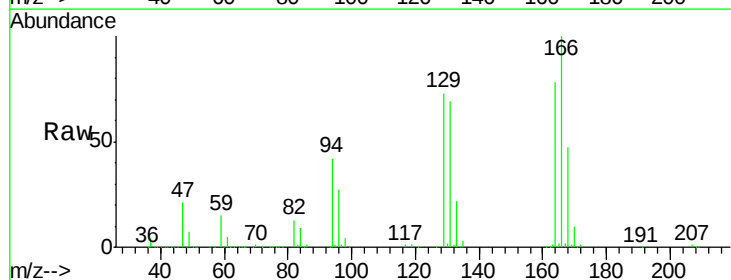
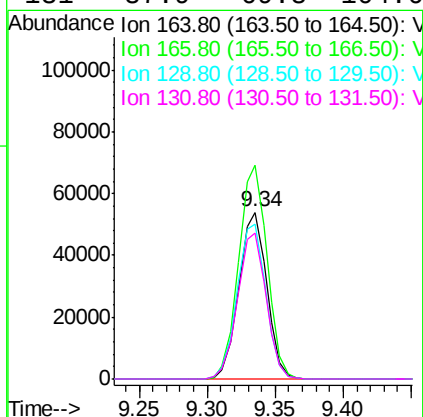
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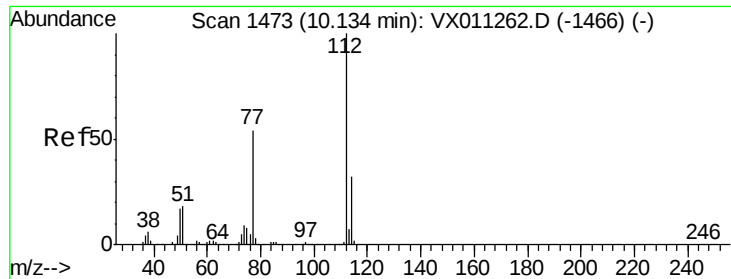
MMDadoda  
8/14/2019 11:32:10 AM



#64  
Tetrachloroethene  
Concen: 41.264 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.3 | 107.5 | 161.3 |
| 129     | 93.1  | 71.0  | 106.4 |
| 131     | 87.9  | 69.8  | 104.6 |





#65

Chlorobenzene

Concen: 48.242 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 227796

Ion Ratio Lower Upper

112 100

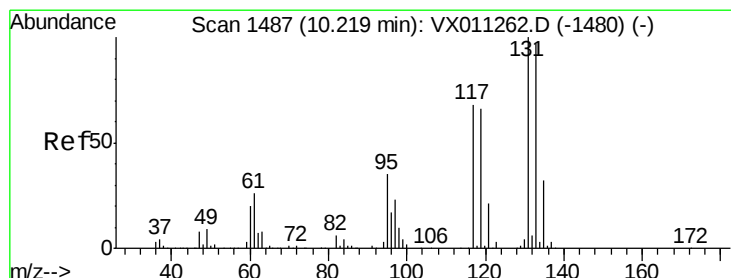
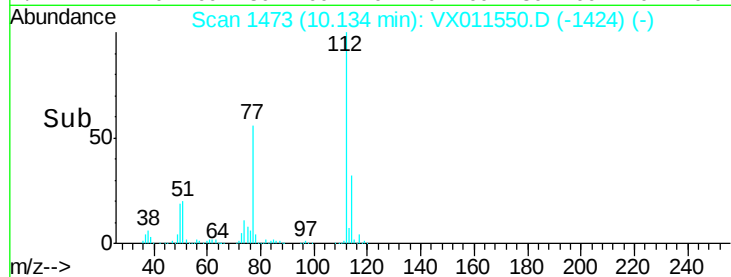
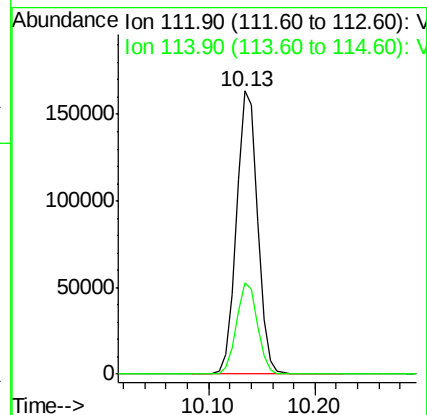
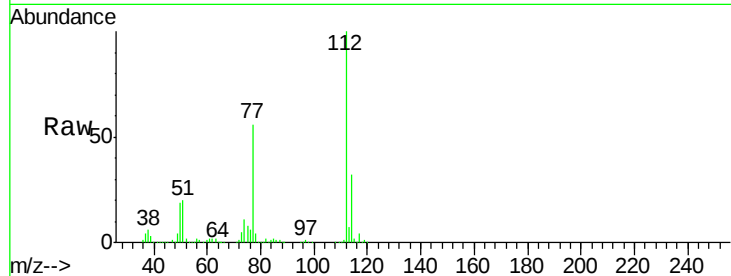
114 32.2 25.9 38.9

Manual Integrations

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8/14/2019 11:32:10 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 54.756 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

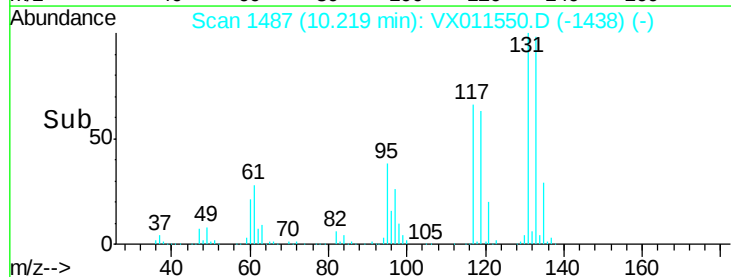
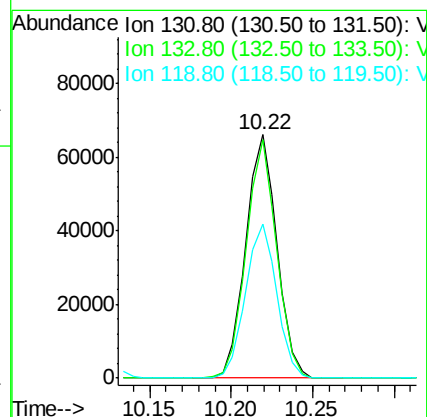
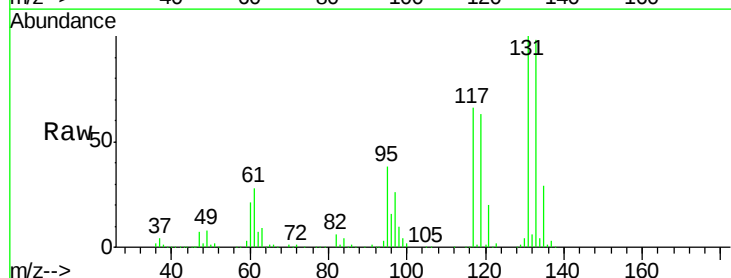
Tgt Ion:131 Resp: 88516

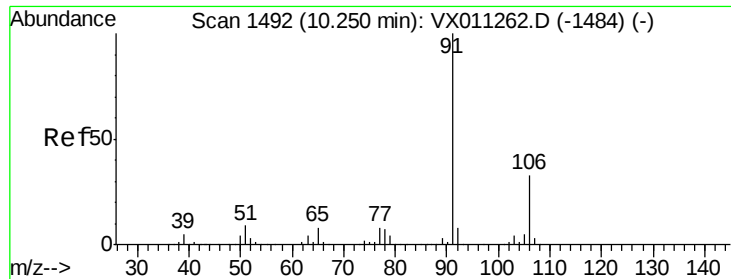
Ion Ratio Lower Upper

131 100

133 95.3 47.7 143.1

119 63.5 32.8 98.3





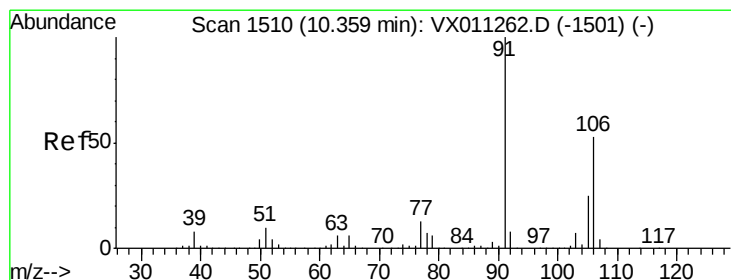
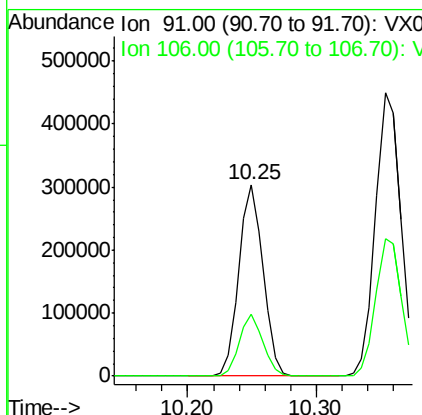
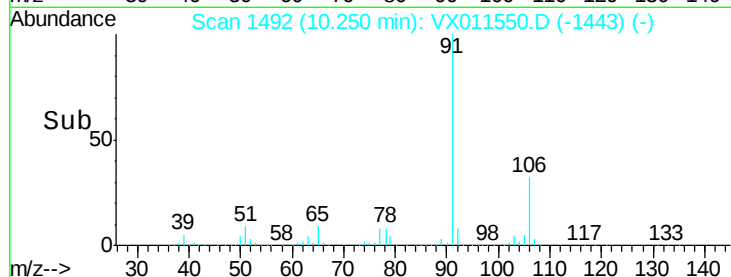
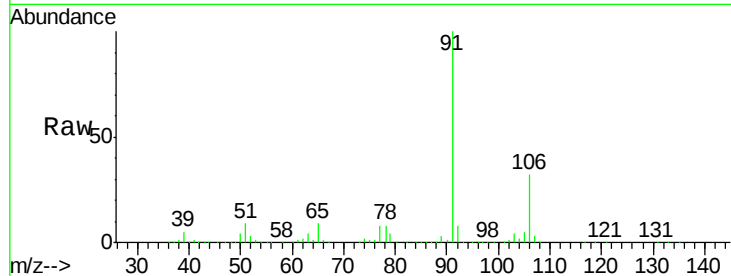
#67  
Ethyl Benzene  
Concen: 50.101 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 396196  
Ion Ratio Lower Upper  
91 100  
106 32.2 26.2 39.4

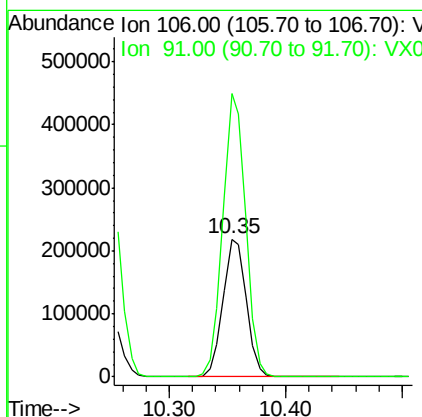
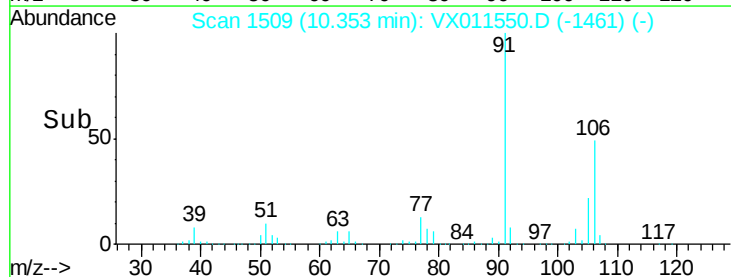
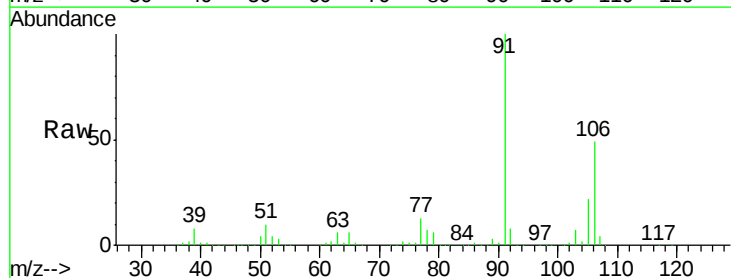
Manual Integrations  
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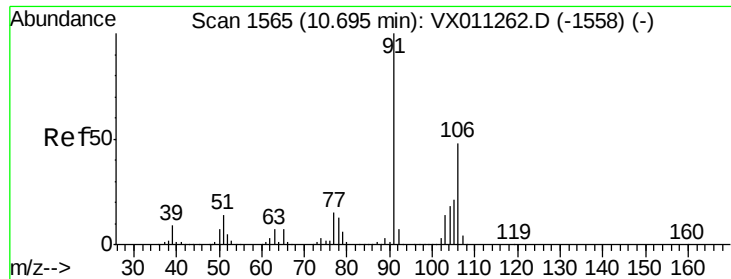
MMDadoda  
8/14/2019 11:32:10 AM



#68  
m/p-Xylenes  
Concen: 98.353 ug/l  
RT: 10.35 min Scan# 1509  
Delta R.T. -0.01 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Tgt Ion: 106 Resp: 300841  
Ion Ratio Lower Upper  
106 100  
91 202.2 155.9 233.9





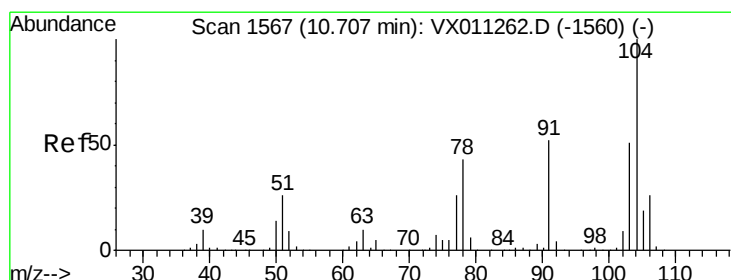
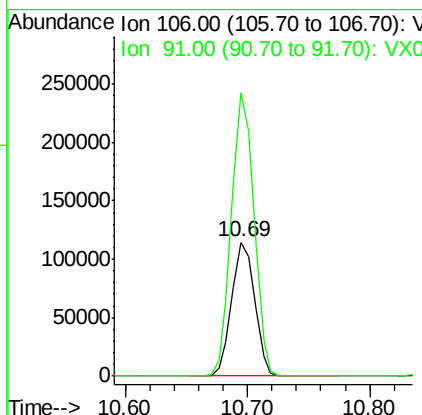
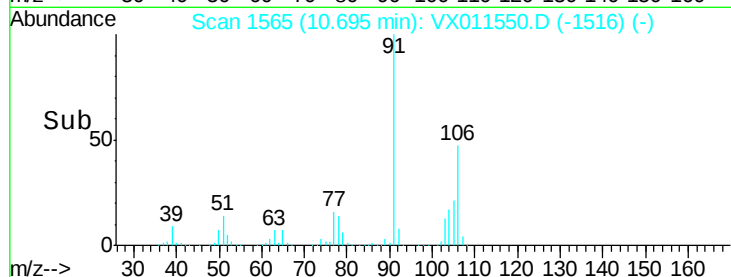
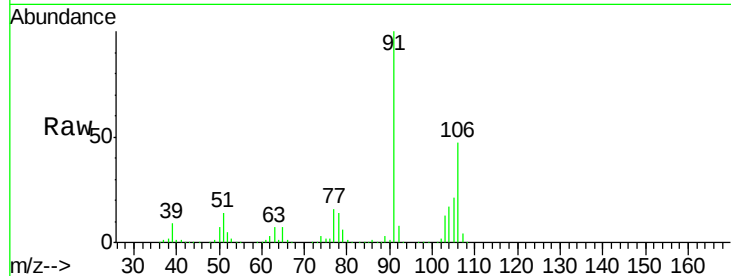
#69  
o-Xylene  
Concen: 49.374 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. 0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 208.5 | 103.8 | 311.3 |

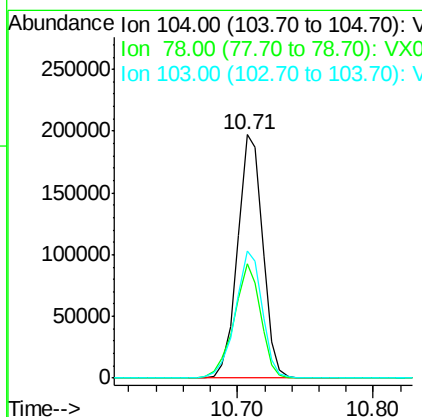
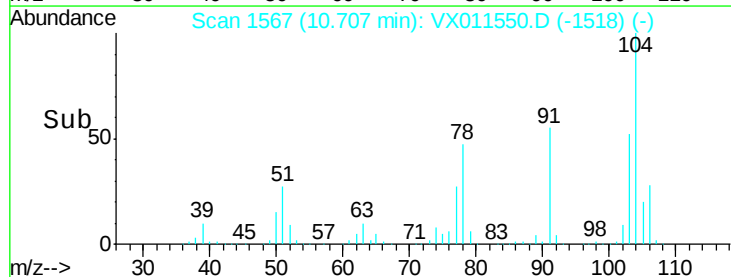
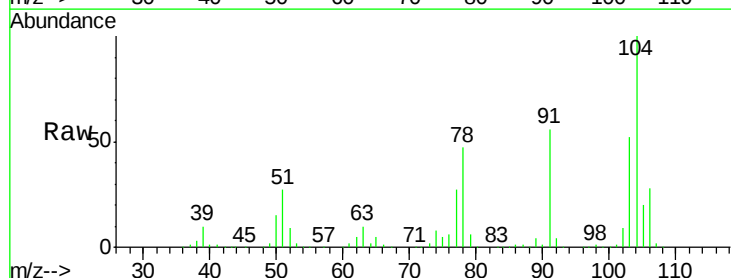
Manual Integrations  
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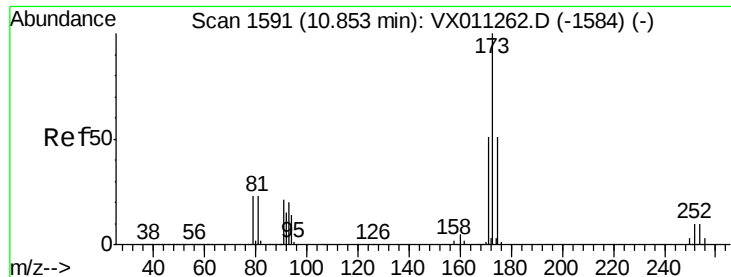
MMDadoda  
8/14/2019 11:32:10 AM



#70  
Styrene  
Concen: 50.969 ug/l  
RT: 10.71 min Scan# 1567  
Delta R.T. -0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 49.8  | 36.9  | 55.3  |
| 103     | 55.4  | 44.4  | 66.6  |





#71

Bromoform

Concen: 48.549 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 70048

Ion Ratio Lower Upper

173 100

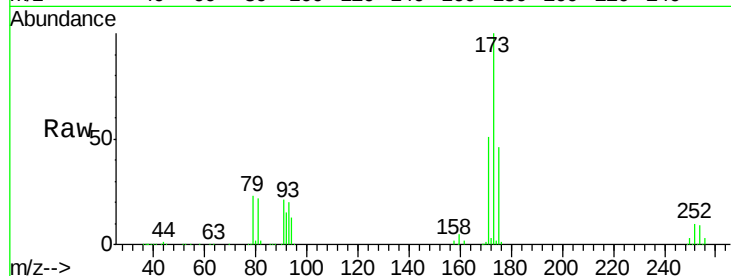
175 48.5 24.4 73.4

254 0.2 0.2 0.2

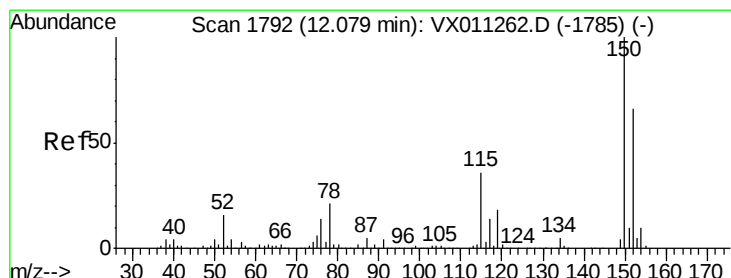
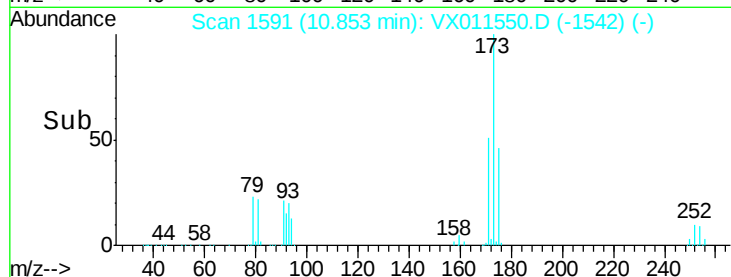
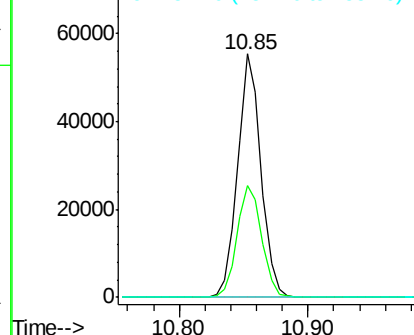
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

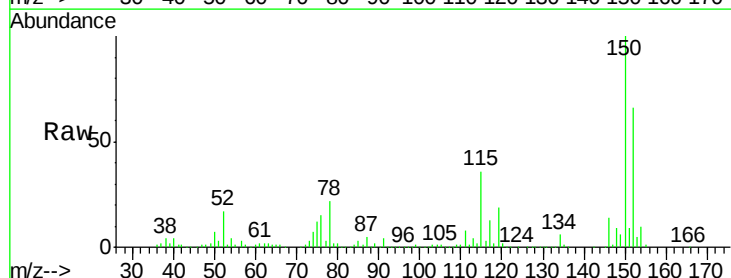
Tgt Ion:152 Resp: 116312

Ion Ratio Lower Upper

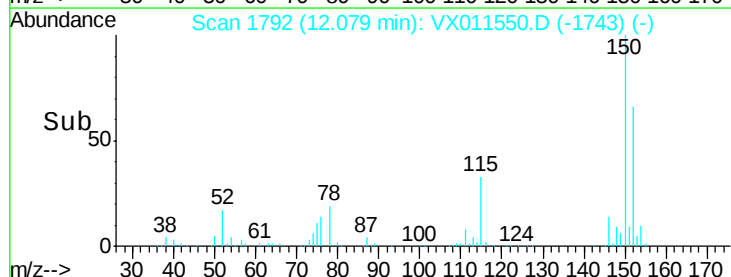
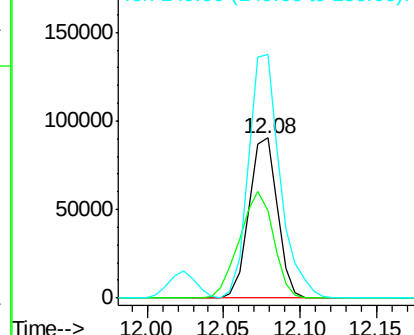
152 100

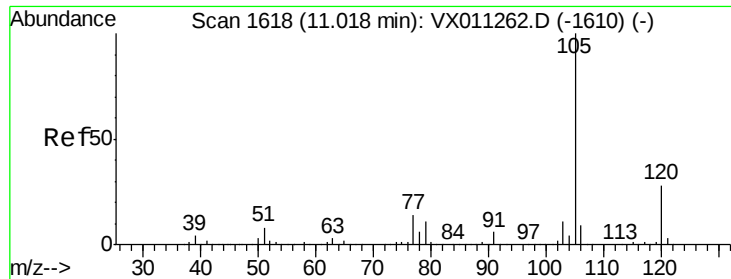
115 80.0 40.0 119.9

150 169.3 0.0 350.4



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: 50.943 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 405249

Ion Ratio Lower Upper

105 100

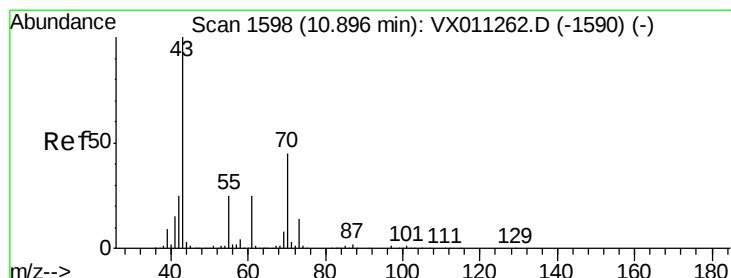
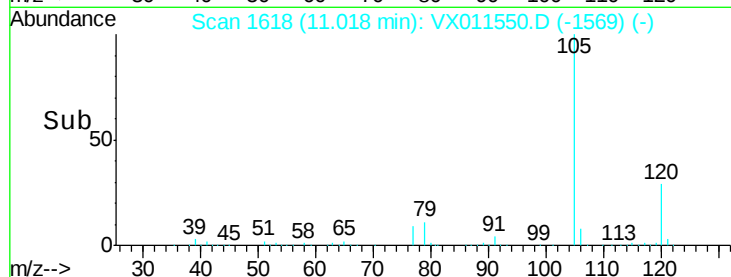
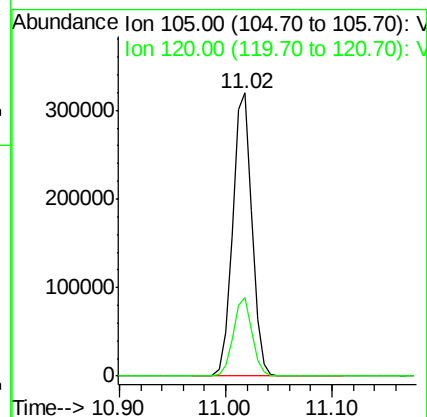
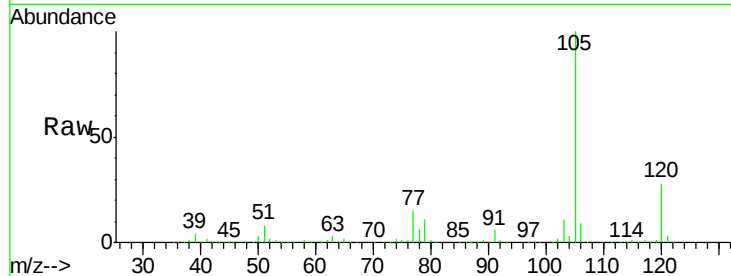
120 27.1 13.7 41.1

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#74

N-ethyl acetate

Concen: 55.518 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Tgt Ion: 43 Resp: 159580

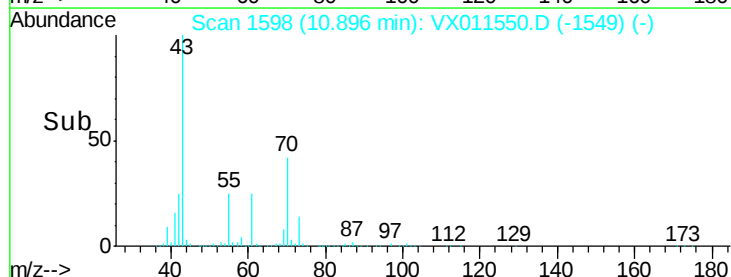
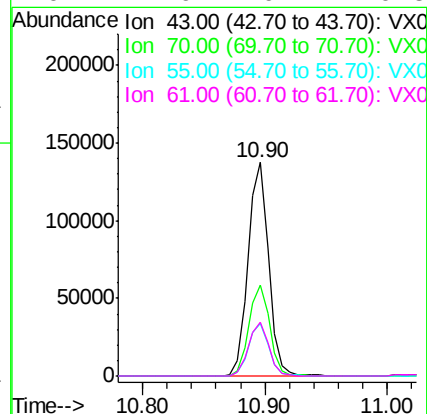
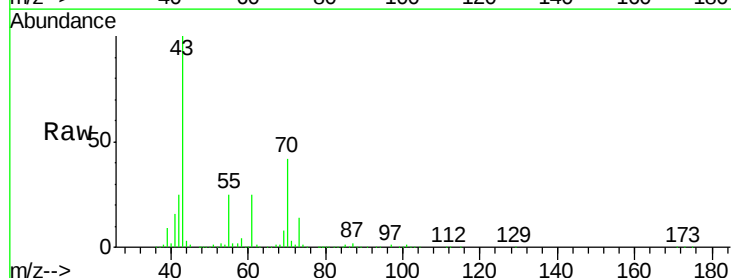
Ion Ratio Lower Upper

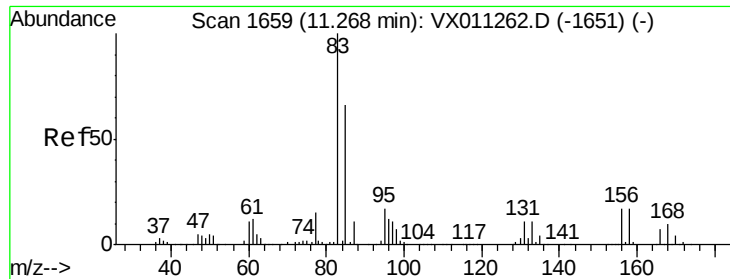
43 100

70 43.4 35.9 53.9

55 24.7 19.8 29.6

61 24.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.928 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

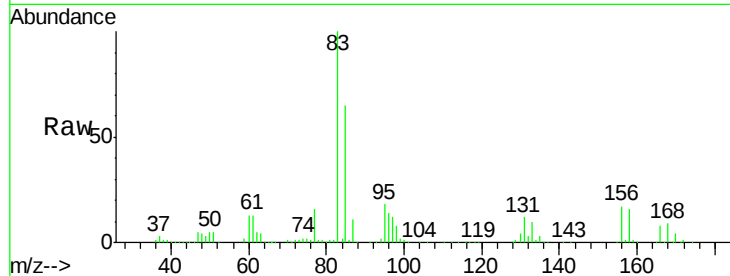
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 135008 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.4  | 5.6   | 16.8   |
| 85        | 64.5  | 32.1  | 96.5   |

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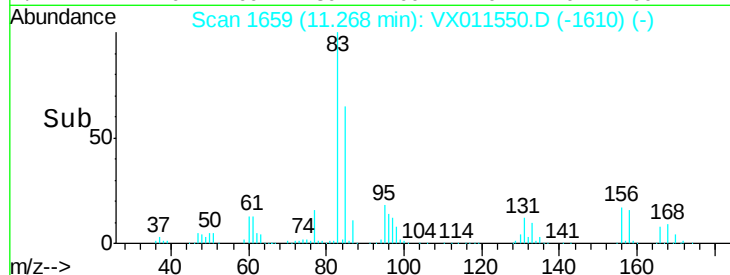


Abundance Ion 82.90 (82.60 to 83.60): VX0

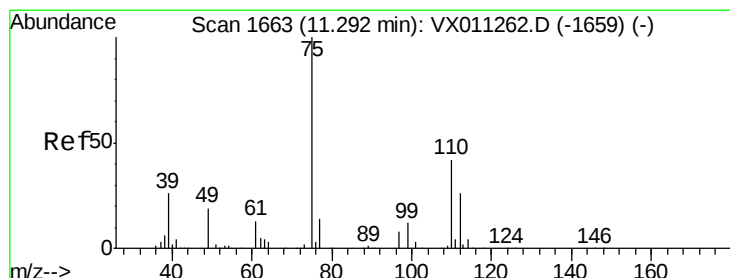
Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 54.137 ug/l m

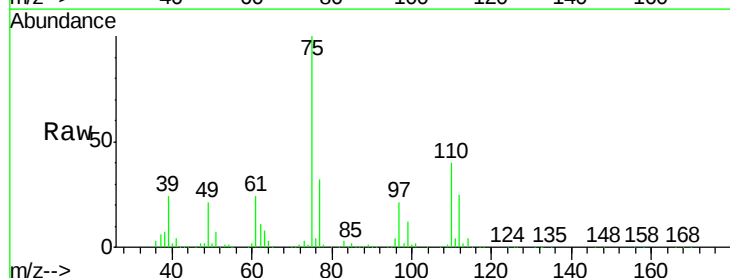
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

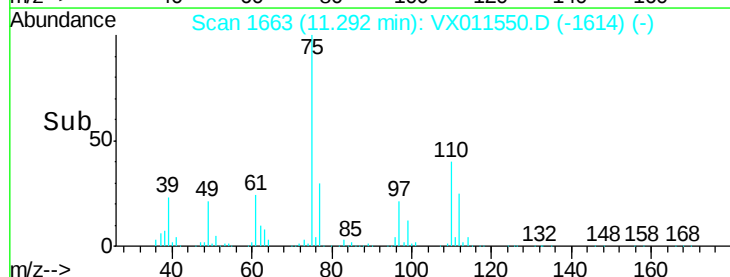
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 114672 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 41.4  | 21.1  | 63.4   |



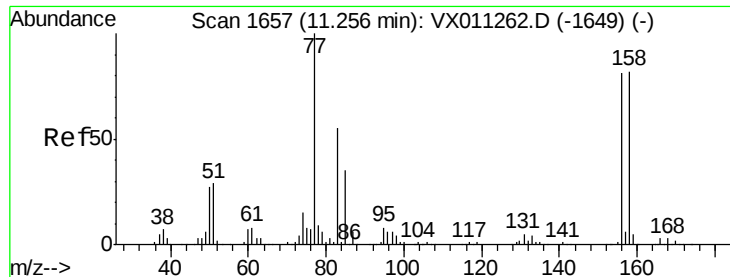
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

Time-->



Time-->



#77

Bromobenzene

Concen: 49.299 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

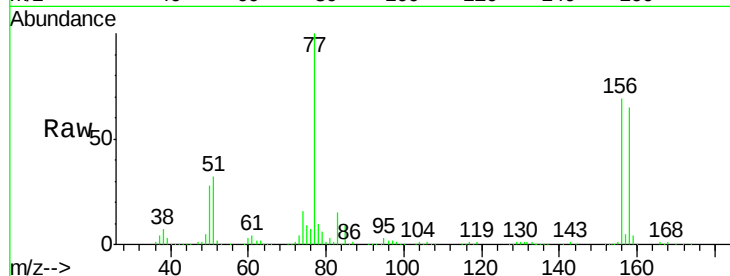
ClientSampleId :

VSTDCCC050EC

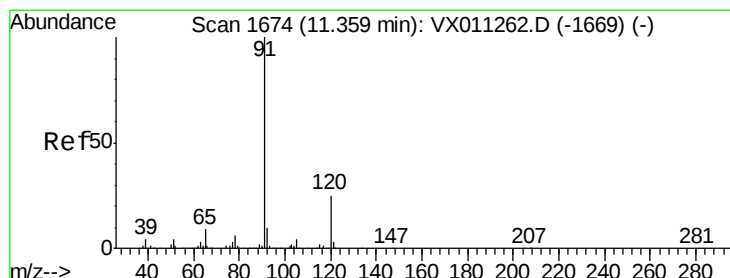
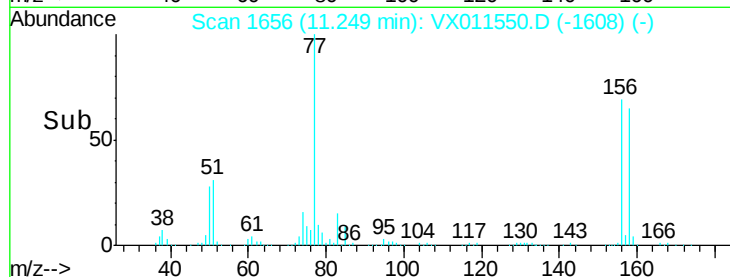
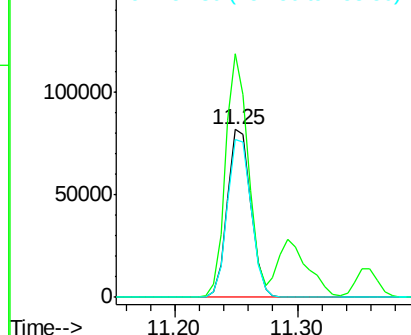
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 108746 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 140.2 | 66.2  | 198.6  |
| 158       | 95.9  | 49.1  | 147.3  |

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Abundance Ion 155.80 (155.50 to 156.50): V  
Ion 77.00 (76.70 to 77.70): VX0  
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.133 ug/l

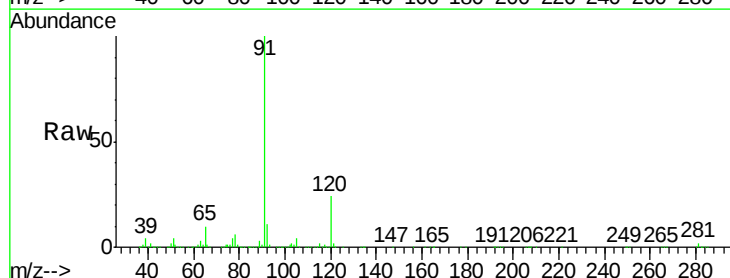
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

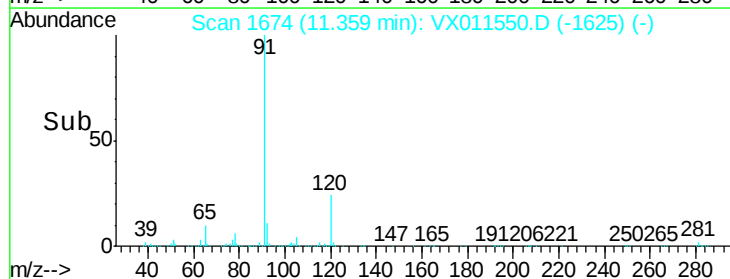
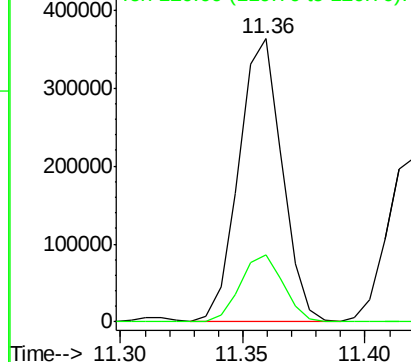
Lab File: VX011550.D

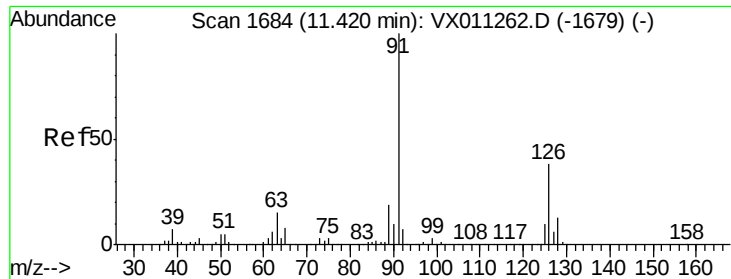
Acq: 13 Aug 2019 20:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 443497 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.9  | 12.4  | 37.0   |



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.877 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 268257

Ion Ratio Lower Upper

91 100

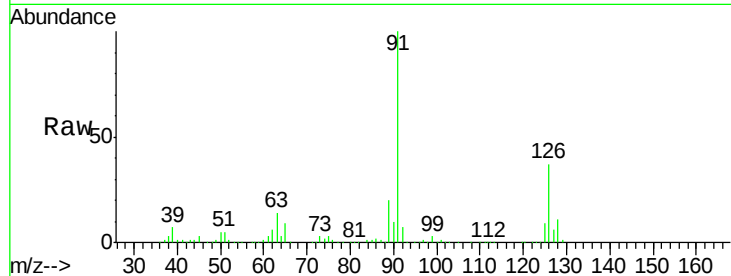
126 36.1 18.5 55.5

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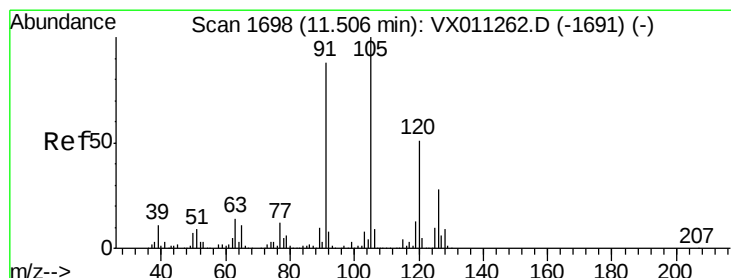
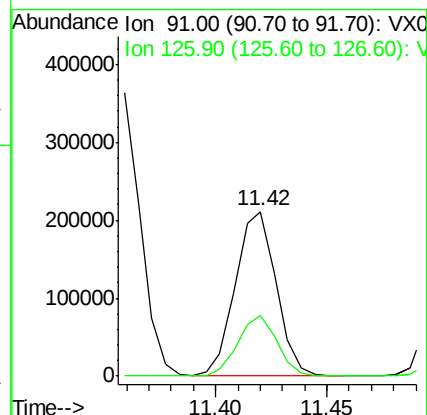
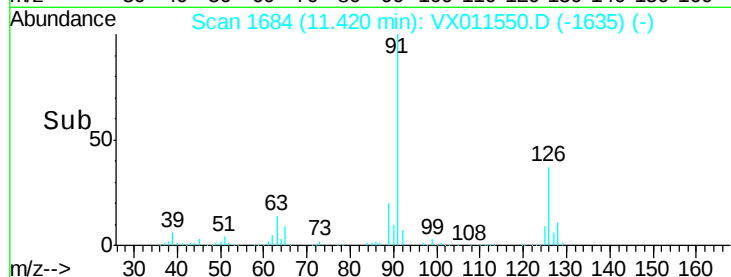
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX011550.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX011550.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.391 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011550.D

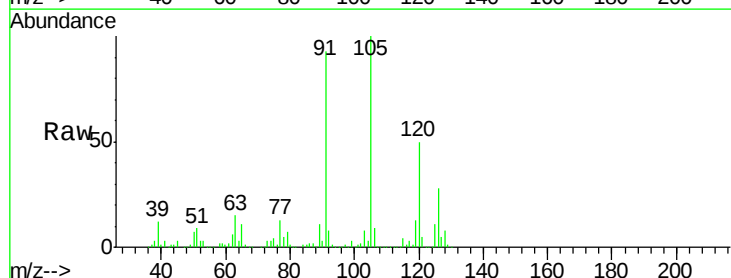
Acq: 13 Aug 2019 20:45

Tgt Ion: 105 Resp: 335559

Ion Ratio Lower Upper

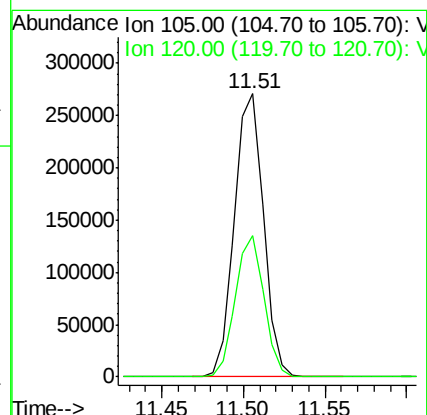
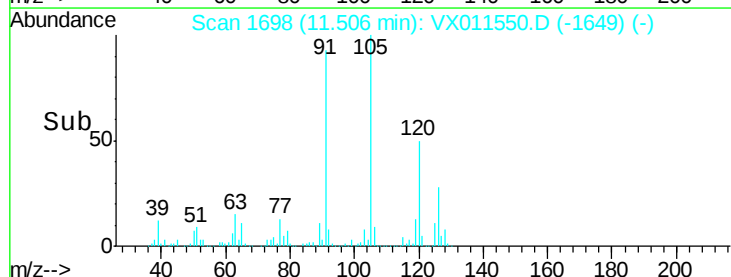
105 100

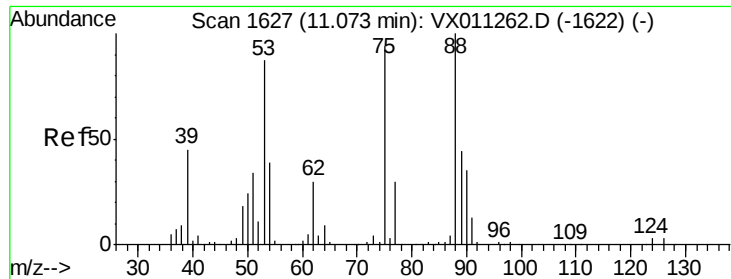
120 49.2 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VX011550.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX011550.D (-1649) (-)





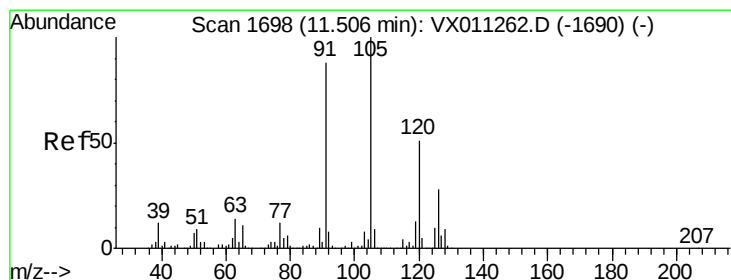
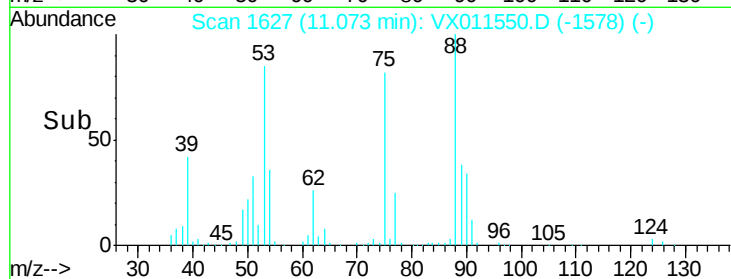
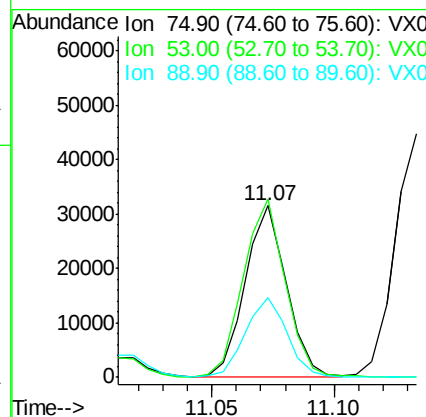
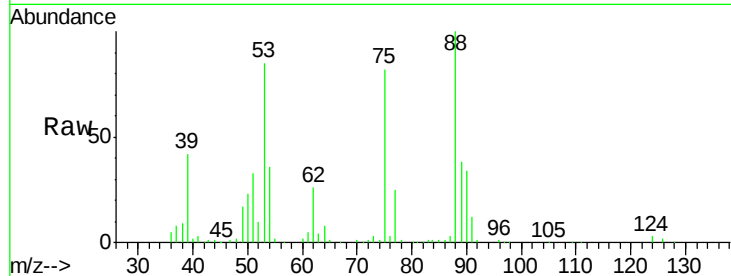
#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.586 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 106.4 | 78.2  | 117.4 |
| 89      | 47.4  | 37.9  | 56.9  |

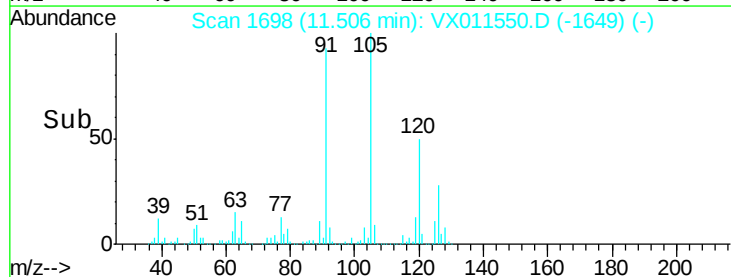
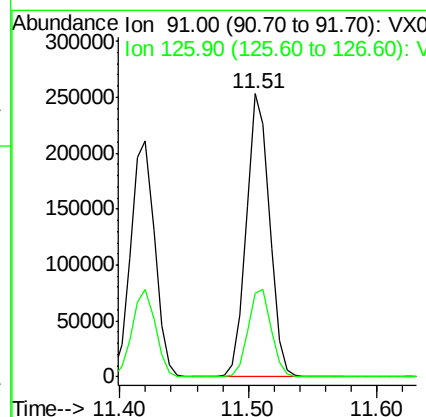
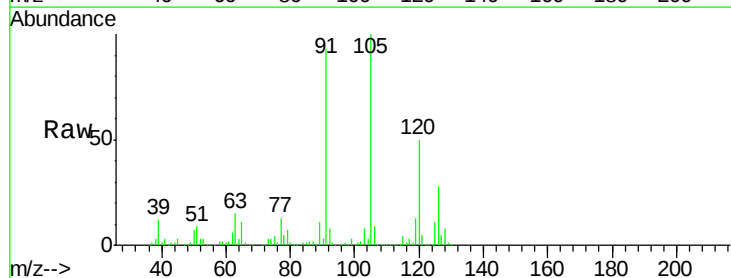
Manual Integrations  
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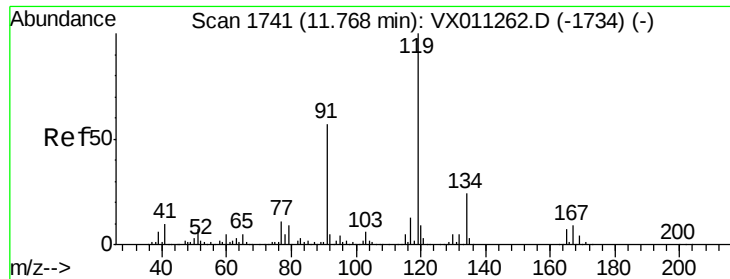
MMDadoda  
8/14/2019 11:32:10 AM



#82  
4-Chlorotoluene  
Concen: 50.941 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. -0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.1  | 16.4  | 49.2  |





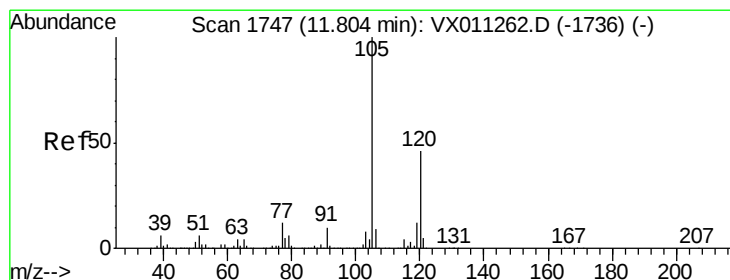
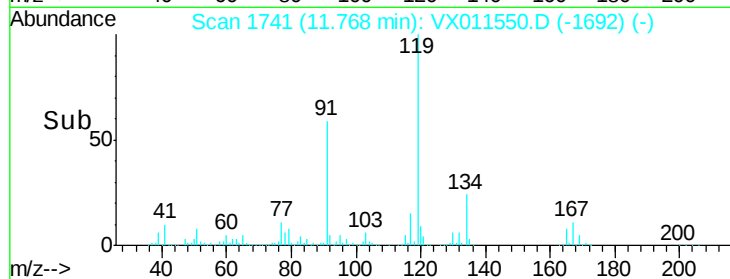
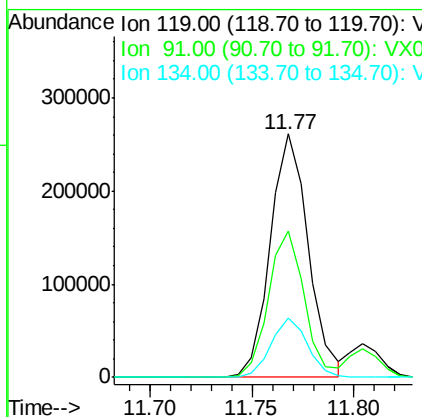
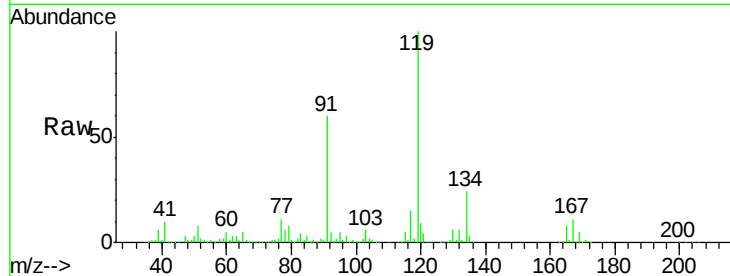
#83  
tert-Butylbenzene  
Concen: 51.997 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 339598 |       |       |
| 91      | 57.3  | 28.0   | 84.0  |       |
| 134     | 23.4  | 11.9   | 35.5  |       |

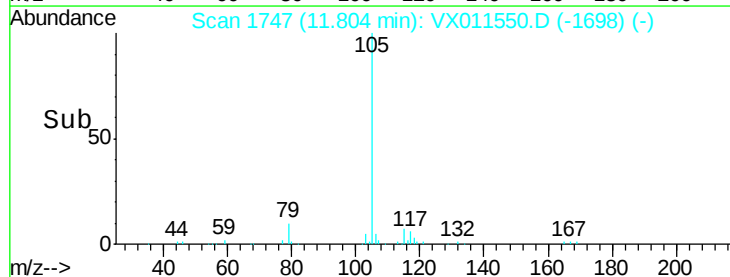
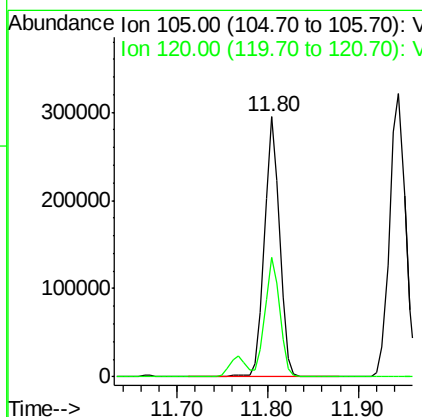
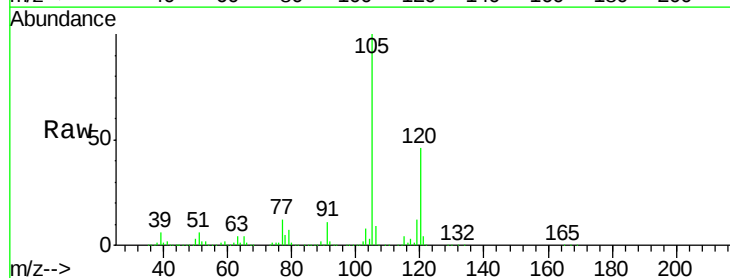
Manual Integrations  
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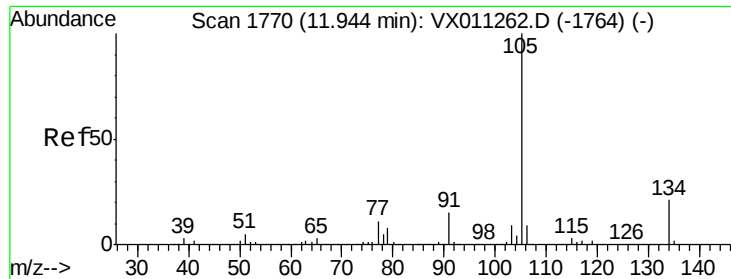
MMDadoda  
8/14/2019 11:32:10 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 51.548 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. -0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 341765 |       |       |
| 120     | 45.3  | 23.0   | 69.0  |       |





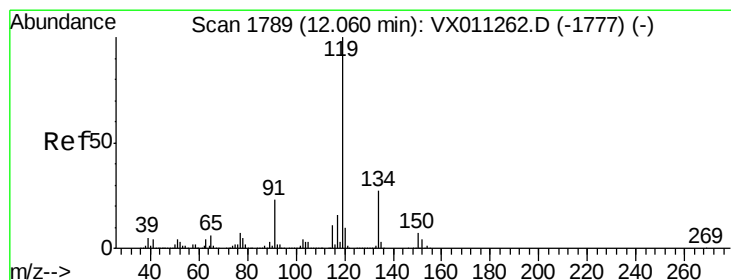
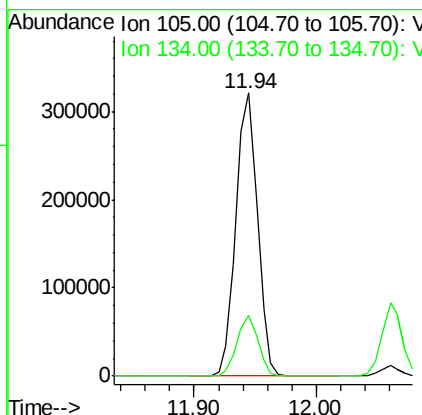
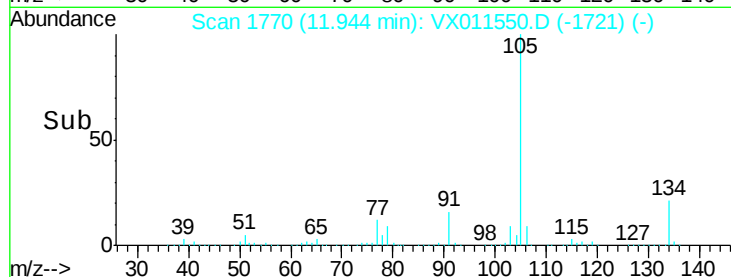
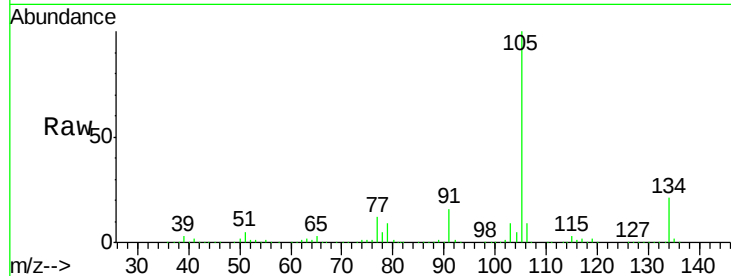
#85  
 sec-Butylbenzene  
 Concen: 49.674 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX011550.D  
 Acq: 13 Aug 2019 20:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 21.0  | 10.4  | 31.4  |

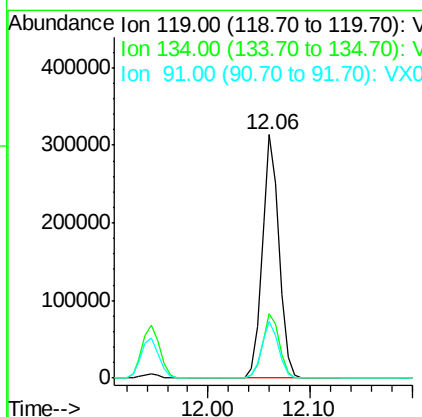
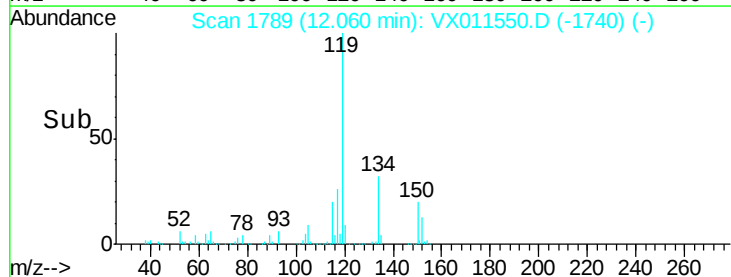
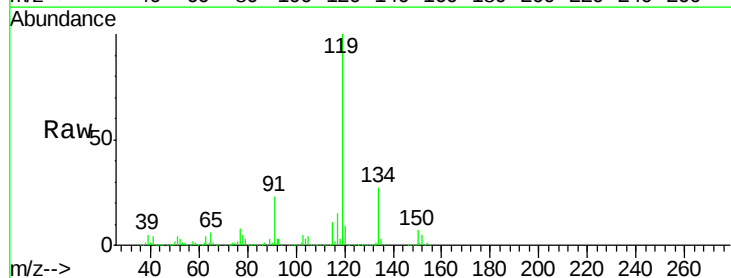
Manual Integrations  
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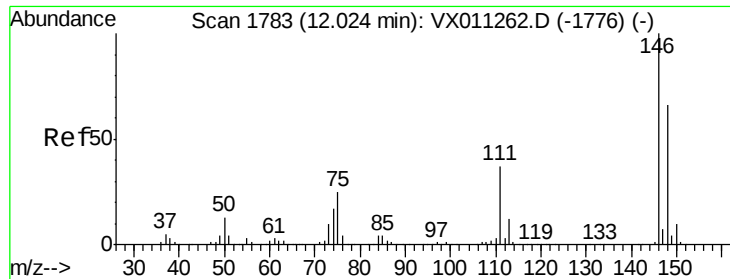
MMDadoda  
 8/14/2019 11:32:10 AM



#86  
 p-Isopropyltoluene  
 Concen: 50.247 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. -0.00 min  
 Lab File: VX011550.D  
 Acq: 13 Aug 2019 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.7  | 13.7  | 41.0  |
| 91      | 23.6  | 11.4  | 34.2  |





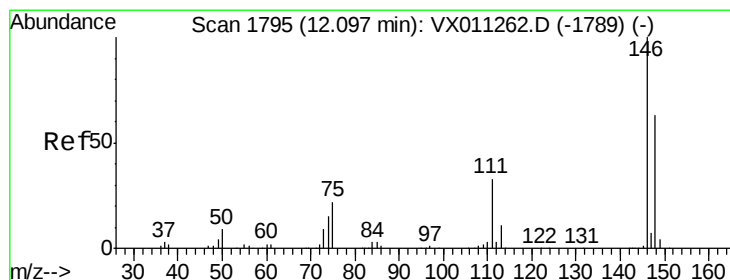
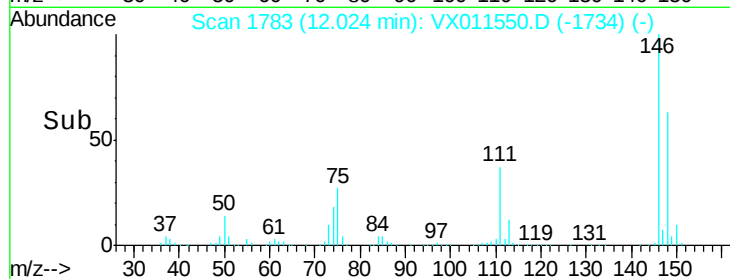
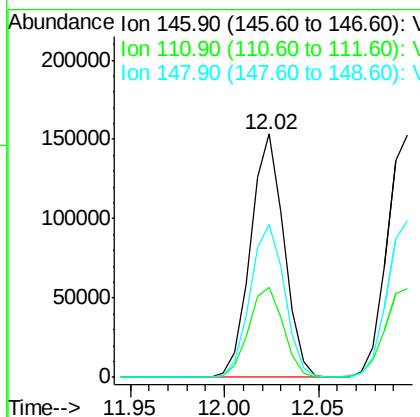
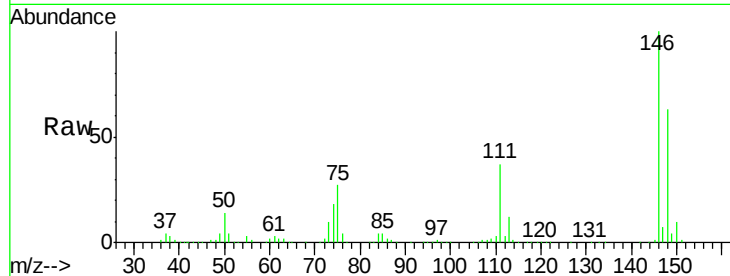
#87  
 1,3-Dichlorobenzene  
 Concen: 48.424 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX011550.D  
 Acq: 13 Aug 2019 20:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.4  | 18.6  | 55.8  |
| 148     | 64.5  | 32.5  | 97.5  |

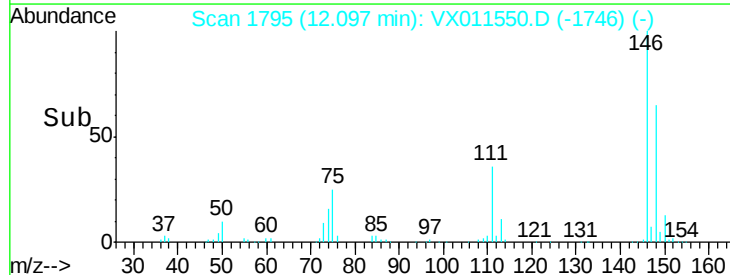
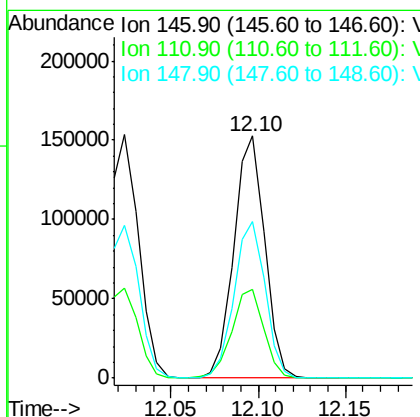
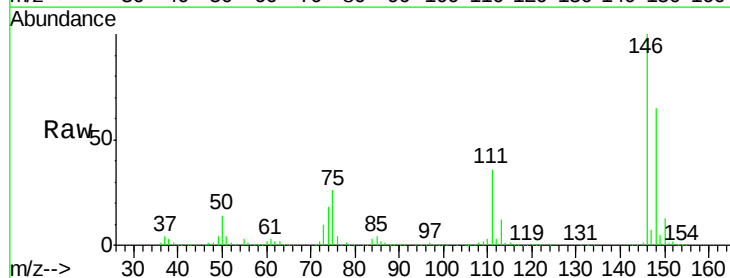
Manual Integrations  
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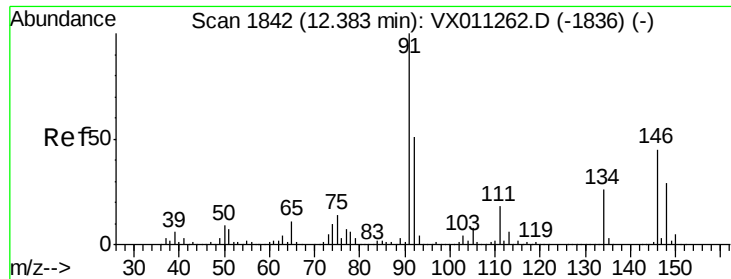
MMDadoda  
 8/14/2019 11:32:10 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 46.657 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX011550.D  
 Acq: 13 Aug 2019 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.9  | 17.8  | 53.4  |
| 148     | 65.2  | 31.8  | 95.3  |





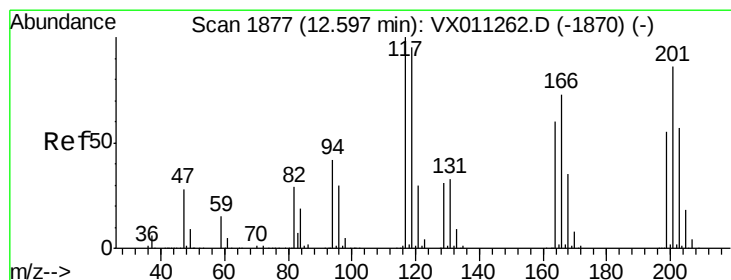
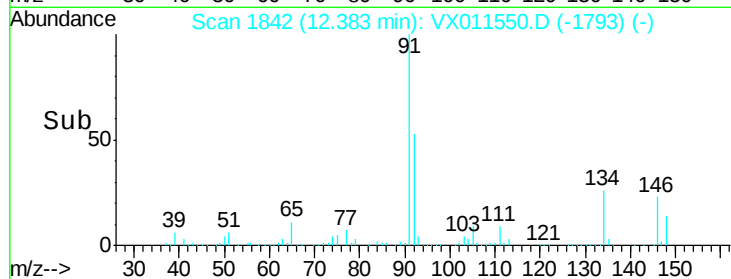
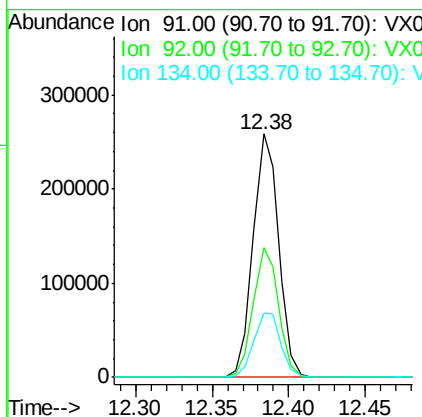
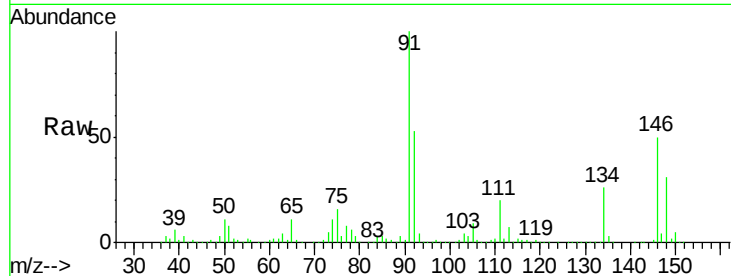
#89  
n-Butylbenzene  
Concen: 48.469 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.8  | 25.8  | 77.3  |
| 134     | 27.5  | 13.7  | 41.0  |

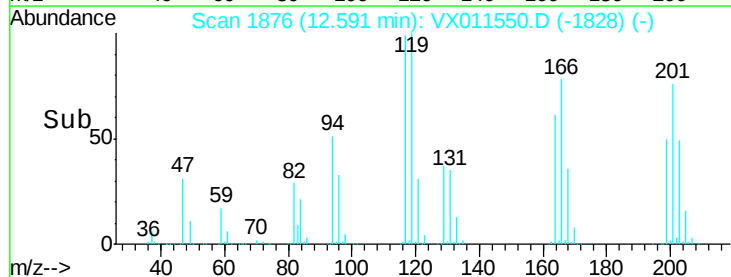
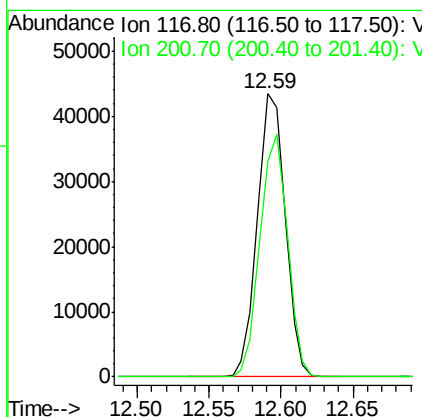
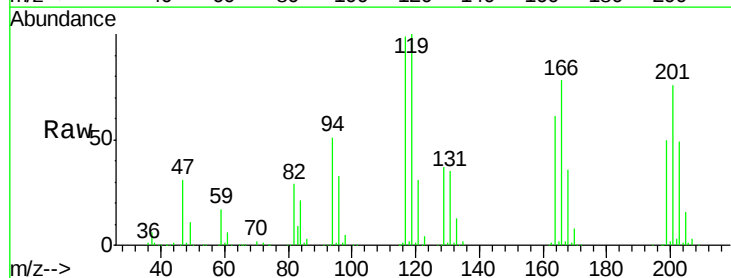
Manual Integrations  
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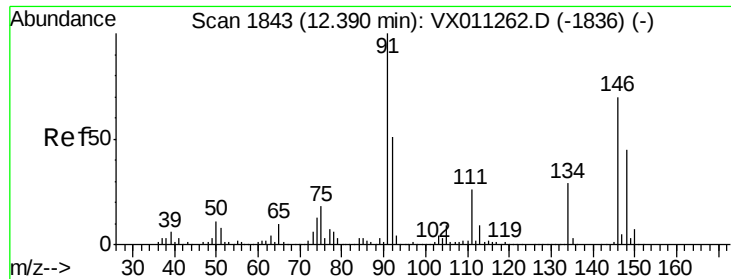
MMDadoda  
8/14/2019 11:32:10 AM



#90  
Hexachloroethane  
Concen: 54.503 ug/l  
RT: 12.59 min Scan# 1876  
Delta R.T. -0.01 min  
Lab File: VX011550.D  
Acq: 13 Aug 2019 20:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 84.4  | 41.8  | 125.4 |





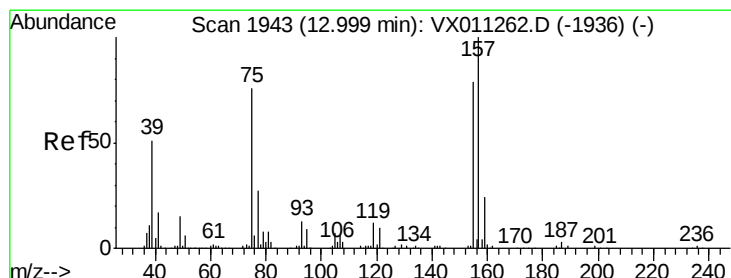
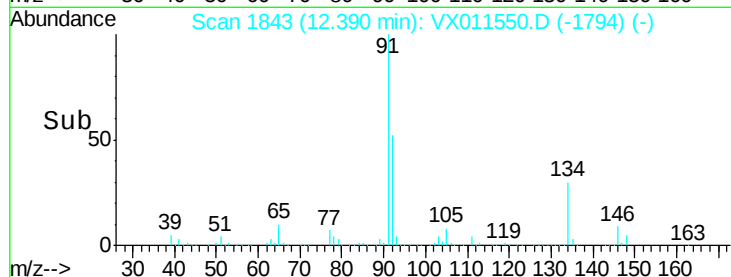
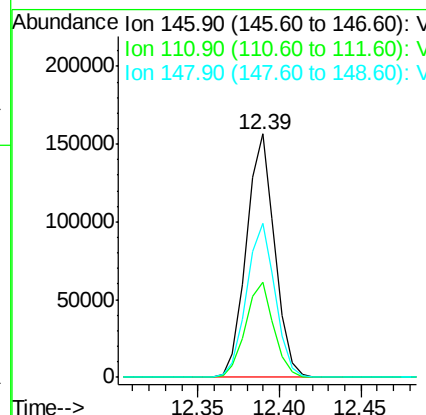
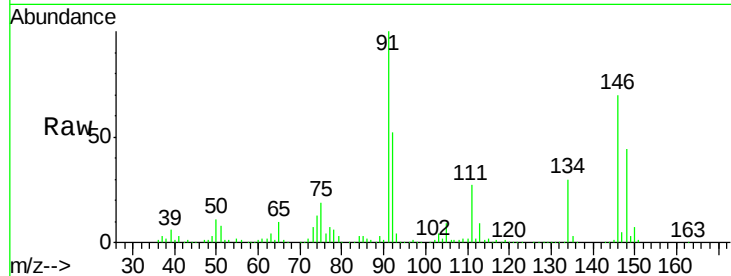
#91  
 1,2-Dichlorobenzene  
 Concen: 48.184 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX011550.D  
 Acq: 13 Aug 2019 20:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 188697 |       |       |
| 111     | 39.4  | 19.1   | 57.1  |       |
| 148     | 64.3  | 32.3   | 96.8  |       |

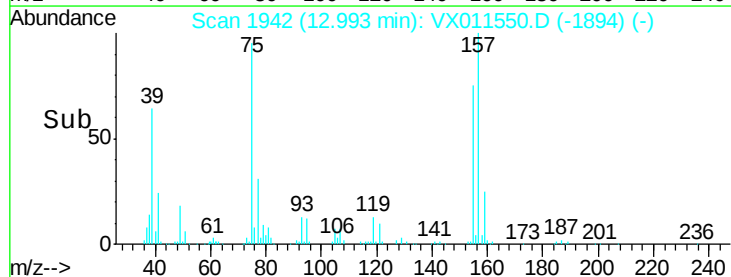
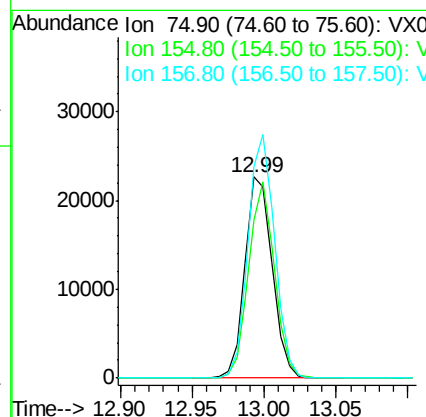
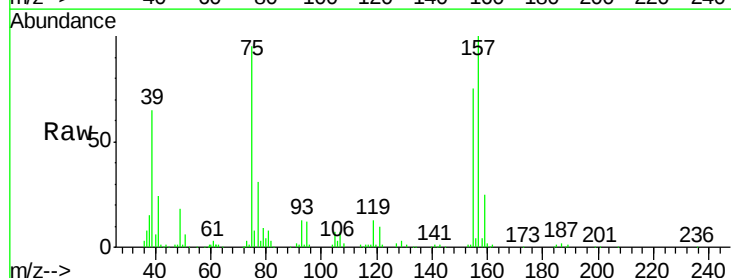
Manual Integrations  
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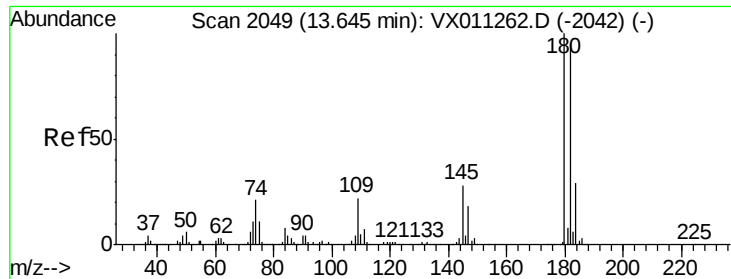
MMDadoda  
 8/14/2019 11:32:10 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 58.021 ug/l  
 RT: 12.99 min Scan# 1942  
 Delta R.T. -0.01 min  
 Lab File: VX011550.D  
 Acq: 13 Aug 2019 20:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 29800 |       |       |
| 155     | 91.5  | 51.9  | 155.8 |       |
| 157     | 116.6 | 64.3  | 192.7 |       |





#93

1,2,4-Trichlorobenzene

Concen: 48.122 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

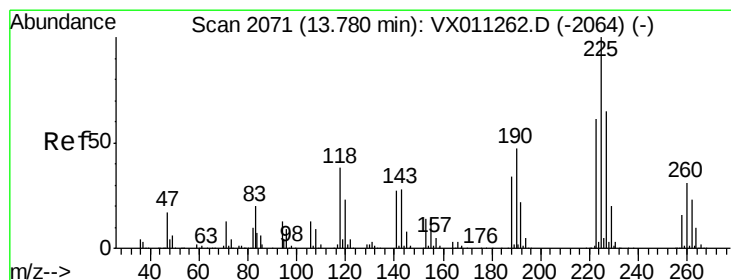
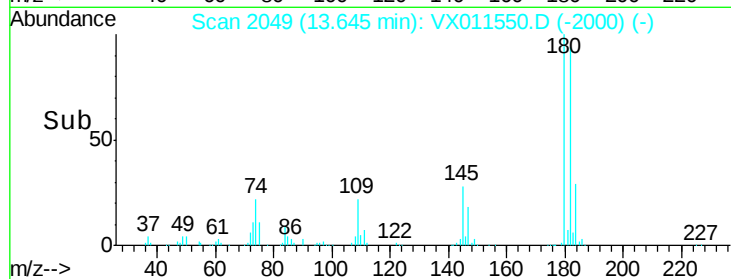
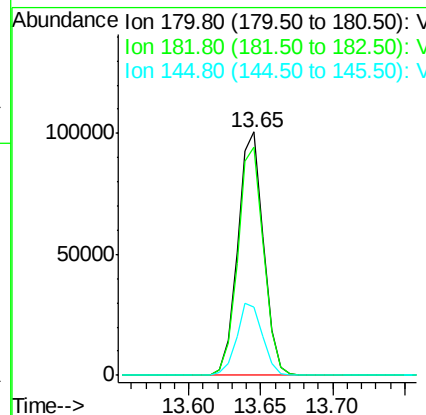
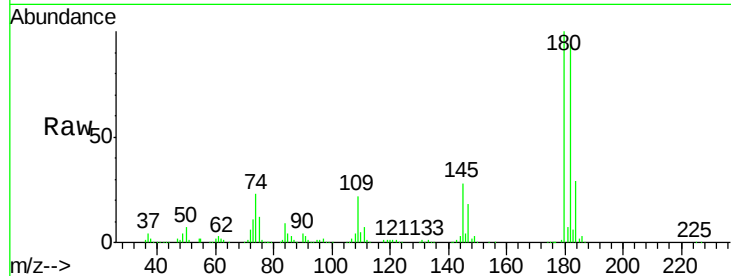
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 180   | Resp: | 124980 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.5  | 47.8  | 143.4  |
| 145       | 29.9  | 14.8  | 44.3   |

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#94

Hexachlorobutadiene

Concen: 46.969 ug/l

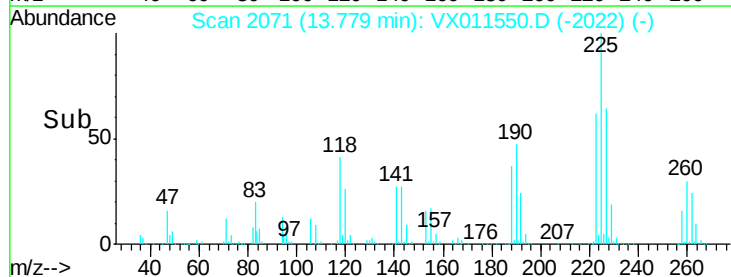
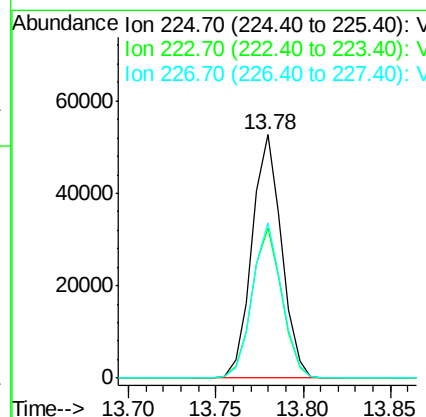
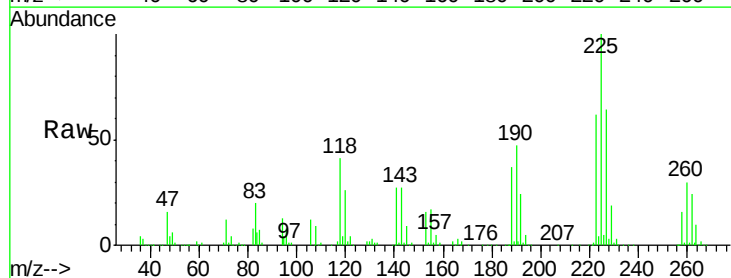
RT: 13.78 min Scan# 2071

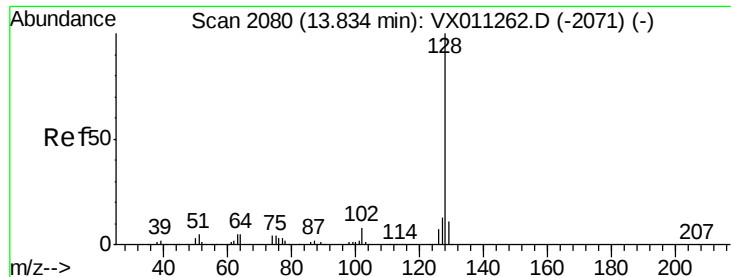
Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 61889 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.0  | 31.0  | 93.0  |
| 227       | 63.4  | 32.2  | 96.6  |





#95

Naphthalene

Concen: 51.500 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

Instrument :

MSVOA\_X

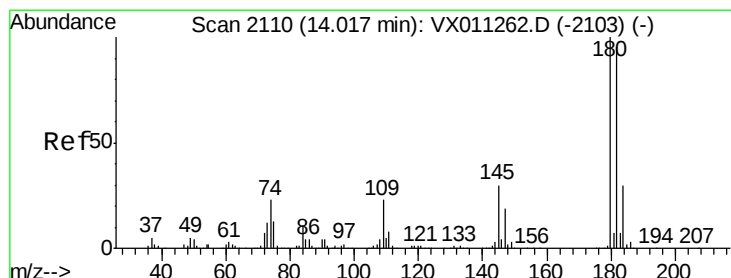
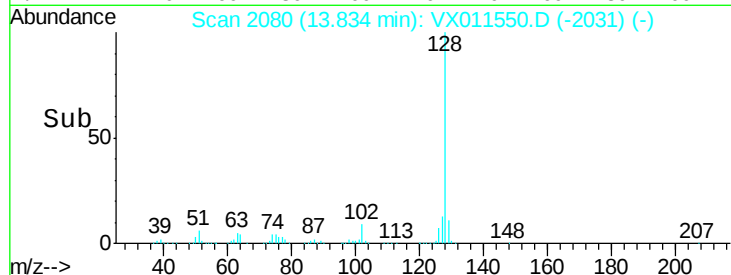
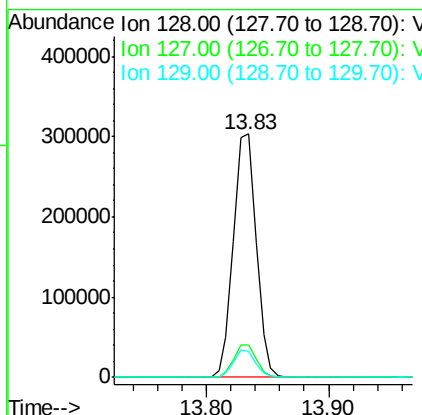
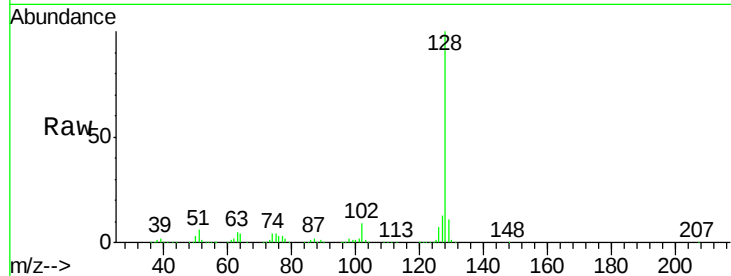
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 391141 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.3  | 10.4  | 15.6   |
| 129       | 11.0  | 8.9   | 13.3   |

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#96

1,2,3-Trichlorobenzene

Concen: 47.684 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011550.D

Acq: 13 Aug 2019 20:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 125901 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.5  | 47.4  | 142.3  |
| 145       | 32.0  | 15.2  | 45.6   |

