

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\  
 Data File : VX071350.D  
 Acq On : 13 Jul 2020 11:24  
 Operator : JC/SP  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 7/14/2020 11:35:49 AM

Quant Time: Jul 13 12:24:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071320W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 13 11:59:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 293925   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 437148   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 427884   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 230370   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 179006   | 48.93 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.86%  |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 144353   | 51.40 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.80% |          |
| 50) Toluene-d8              | 8.70  | 98   | 531763   | 51.10 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.20% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 211777   | 51.91 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.82% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85   | 135736   | 48.109  | ug/l  | 100    |
| 3) Chloromethane              | 1.31 | 50   | 139809   | 41.732  | ug/l  | 100    |
| 4) Vinyl Chloride             | 1.39 | 62   | 144513   | 45.836  | ug/l  | 100    |
| 5) Bromomethane               | 1.62 | 94   | 94159    | 54.487  | ug/l  | 100    |
| 6) Chloroethane               | 1.71 | 64   | 88801    | 47.286  | ug/l  | 100    |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 245722   | 51.469  | ug/l  | 100    |
| 8) Diethyl Ether              | 2.17 | 74   | 81038    | 47.013  | ug/l  | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101  | 136920   | 48.679  | ug/l  | 100    |
| 10) Methyl Iodide             | 2.49 | 142  | 179471   | 50.003  | ug/l  | 100    |
| 11) Tert butyl alcohol        | 3.01 | 59   | 161327   | 237.285 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 2.36 | 96   | 133054   | 46.333  | ug/l  | 100    |
| 13) Acrolein                  | 2.28 | 56   | 90431    | 224.120 | ug/l  | 100    |
| 14) Allyl chloride            | 2.71 | 41   | 234773   | 44.476  | ug/l  | 100    |
| 15) Acrylonitrile             | 3.12 | 53   | 388157   | 236.504 | ug/l  | 100    |
| 16) Acetone                   | 2.42 | 43   | 321426   | 238.783 | ug/l  | 100    |
| 17) Carbon Disulfide          | 2.55 | 76   | 395706   | 44.911  | ug/l  | 100    |
| 18) Methyl Acetate            | 2.75 | 43   | 160027   | 45.935  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 3.17 | 73   | 472288   | 48.765  | ug/l  | 100    |
| 20) Methylene Chloride        | 2.84 | 84   | 152220   | 44.541  | ug/l  | 100    |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96   | 154009   | 48.026  | ug/l  | 100    |
| 22) Diisopropyl ether         | 3.82 | 45   | 456054   | 46.714  | ug/l  | 100    |
| 23) Vinyl Acetate             | 3.79 | 43   | 2070324  | 245.822 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63   | 259841   | 46.570  | ug/l  | 100    |
| 25) 2-Butanone                | 4.64 | 43   | 532600   | 239.137 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 4.56 | 77   | 244468   | 48.799  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 4.57 | 96   | 168722   | 46.709  | ug/l  | 100    |
| 28) Bromochloromethane        | 4.98 | 49   | 120893   | 44.683  | ug/l  | 100    |
| 29) Tetrahydrofuran           | 5.09 | 42   | 348315   | 237.737 | ug/l  | 100    |
| 30) Chloroform                | 5.18 | 83   | 280441   | 48.622  | ug/l  | 100    |
| 31) Cyclohexane               | 5.55 | 56   | 221751   | 46.452  | ug/l  | 100    |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97   | 264673   | 49.601  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 5.77 | 75   | 206189   | 49.886  | ug/l  | 100    |
| 37) Ethyl Acetate             | 4.79 | 43   | 212424   | 50.944  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 5.76 | 117  | 242481   | 52.724  | ug/l  | 100    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\  
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 Operator : JC/SP  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 7/14/2020 11:35:49 AM

Quant Time: Jul 13 12:24:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071320W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 13 11:59:58 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 230127   | 50.283  | ug/l   | 100      |
| 40) Benzene                    | 6.12  | 78   | 596270   | 49.253  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.01  | 41   | 115439   | 49.180  | ug/l   | 100      |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 229553   | 51.933  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.42  | 43   | 344473   | 49.644  | ug/l   | 100      |
| 44) Trichloroethene            | 7.19  | 130  | 180865   | 49.244  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 151667   | 48.806  | ug/l   | 100      |
| 46) Dibromomethane             | 7.64  | 93   | 108777   | 50.932  | ug/l   | 100      |
| 47) Bromodichloromethane       | 7.87  | 83   | 230364   | 52.219  | ug/l   | 100      |
| 48) Methyl methacrylate        | 7.74  | 41   | 171646   | 52.119  | ug/l   | 100      |
| 49) 1,4-Dioxane                | 7.71  | 88   | 70730    | 956.703 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 1077084  | 259.782 | ug/l   | 100      |
| 52) Toluene                    | 8.76  | 92   | 388795   | 51.195  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 253853   | 52.199  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 268905   | 51.684  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 160777   | 51.575  | ug/l   | 100      |
| 56) Ethyl methacrylate         | 9.16  | 69   | 239673   | 54.217  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 266451   | 50.696  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 625080   | 283.017 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.47  | 43   | 826633   | 271.476 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.57  | 129  | 197824   | 54.207  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 175897   | 52.421  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.32  | 164  | 185667   | 53.008  | ug/l   | 100      |
| 65) Chlorobenzene              | 10.12 | 112  | 438281   | 49.600  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 176765   | 51.549  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.23 | 91   | 759580   | 51.556  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.34 | 106  | 587888   | 103.940 | ug/l   | 100      |
| 69) o-Xylene                   | 10.68 | 106  | 282108   | 52.268  | ug/l   | 100      |
| 70) Styrene                    | 10.70 | 104  | 492908   | 53.705  | ug/l   | 100      |
| 71) Bromoform                  | 10.84 | 173  | 155713   | 56.852  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.00 | 105  | 777887   | 51.775  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 321411   | 50.743  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 224877   | 47.860  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 224739m  | 50.107  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 214528   | 51.527  | ug/l   | 100      |
| 78) n-propylbenzene            | 11.34 | 91   | 884521   | 52.025  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 530486   | 51.561  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 658162   | 52.752  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 87807    | 50.857  | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 633558   | 51.430  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 647976   | 52.852  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 683774   | 53.897  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 758425   | 52.669  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 716529   | 53.523  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 379013   | 50.066  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 377854   | 48.923  | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.37 | 91   | 600913   | 50.448  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.58 | 117  | 131986   | 50.119  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 353133   | 50.180  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 56356    | 49.664  | ug/l   | 100      |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071320\  
Data File : VX017350.D  
Acq On : 13 Jul 2020 11:24  
Operator : JC/SP  
Sample : VSTDICCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
APPROVED

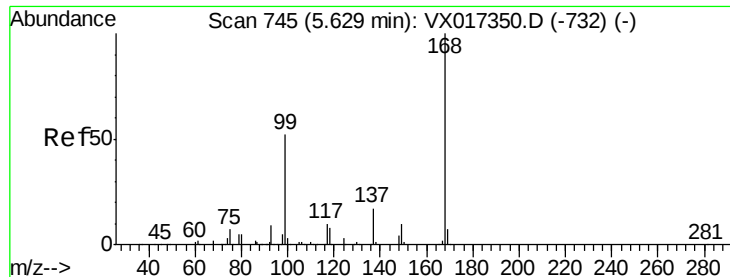
MMDadoda  
7/14/2020 11:35:49 AM

Quant Time: Jul 13 12:24:26 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071320W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 13 11:59:58 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 247783   | 51.375 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.76 | 225  | 101868   | 51.646 | ug/l  | 100      |
| 95) Naphthalene            | 13.82 | 128  | 765950   | 52.802 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 240620   | 51.664 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 293925

Ion Ratio Lower Upper

168 100

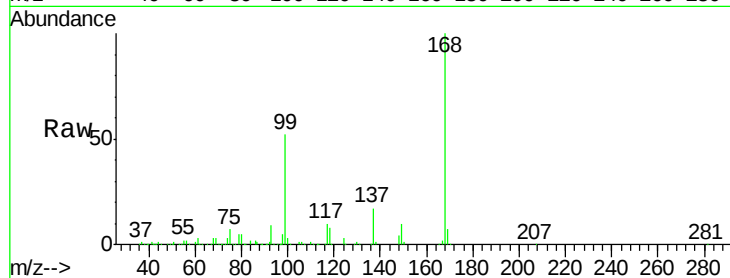
99 52.0 41.6 62.4

Manual Integrations

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7/14/2020 11:35:49 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

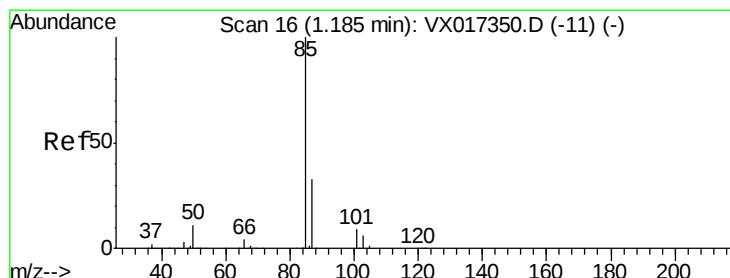
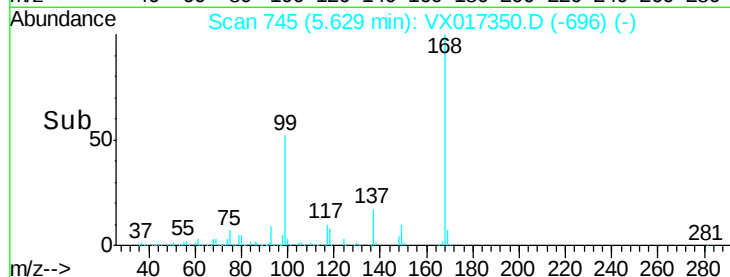
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.109 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017350.D

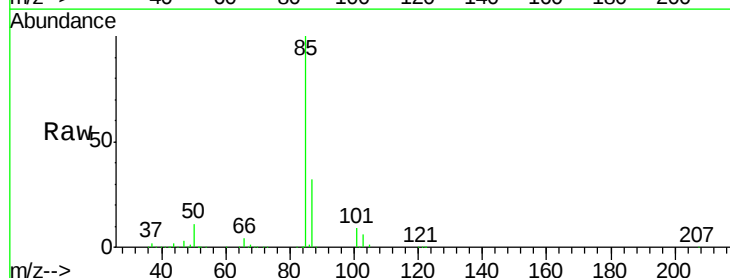
Acq: 13 Jul 2020 11:24

Tgt Ion: 85 Resp: 135736

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

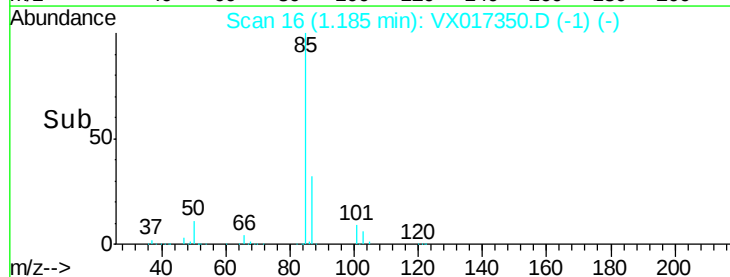
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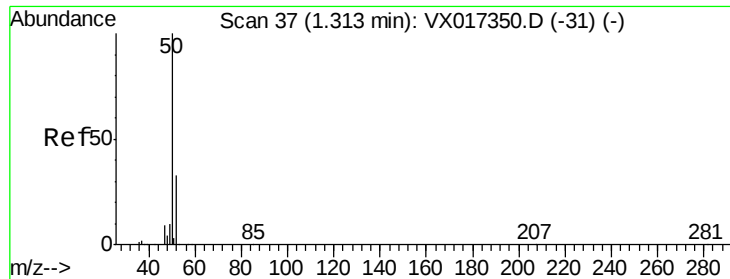
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50000

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Time-->





#3

Chloromethane

Concen: 41.732 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 139809

Ion Ratio Lower Upper

50 100

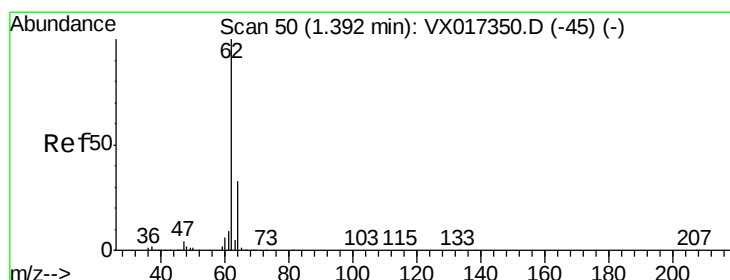
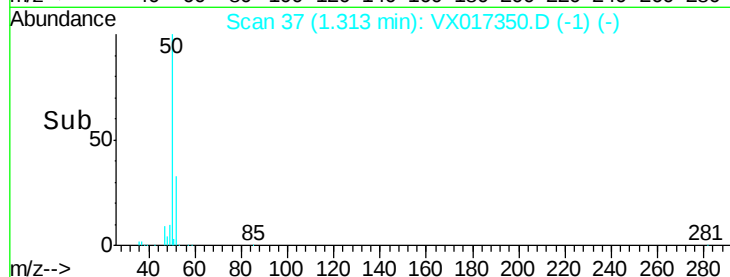
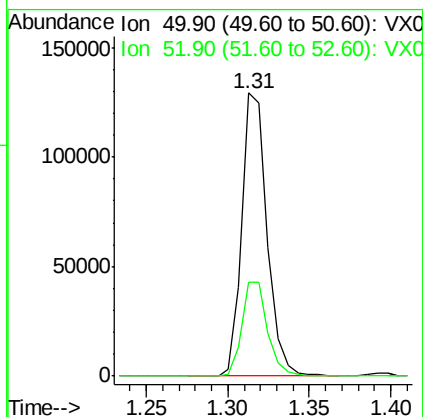
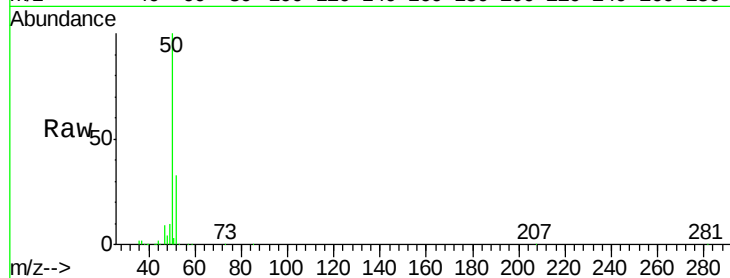
52 33.4 26.7 40.1

Manual Integrations

APPROVED

MMDadoda

7/14/2020 11:35:49 AM



#4

Vinyl Chloride

Concen: 45.836 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017350.D

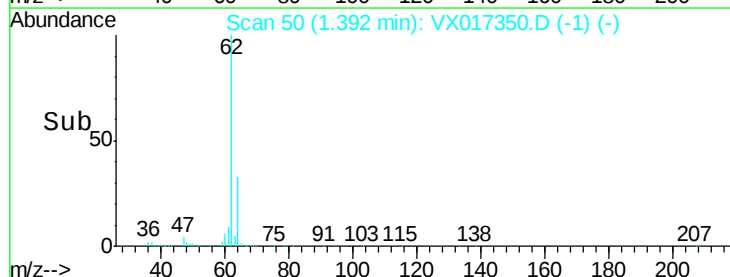
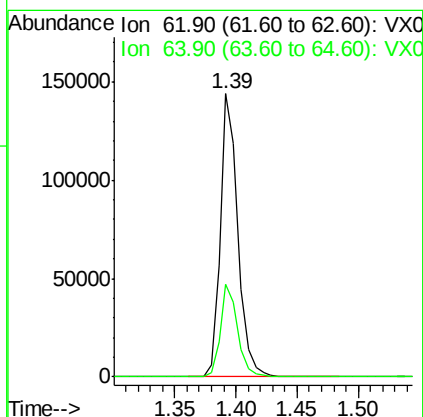
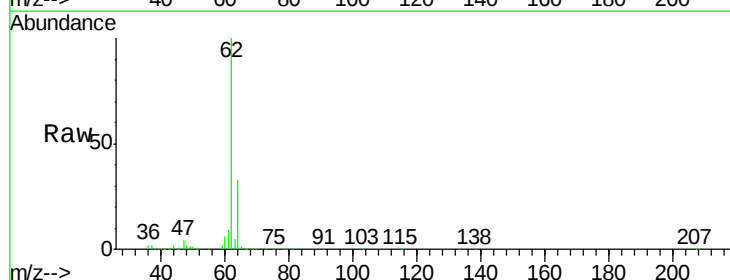
Acq: 13 Jul 2020 11:24

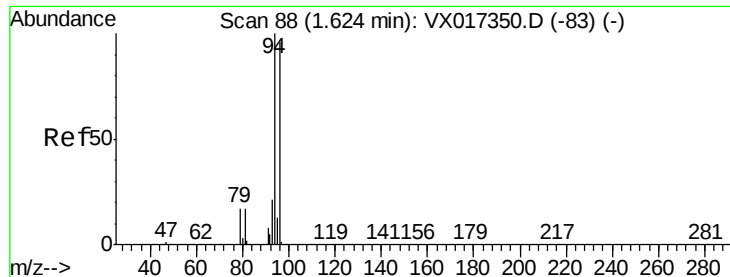
Tgt Ion: 62 Resp: 144513

Ion Ratio Lower Upper

62 100

64 32.9 26.3 39.5





#5

Bromomethane

Concen: 54.487 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 94159

Ion Ratio Lower Upper

94 100

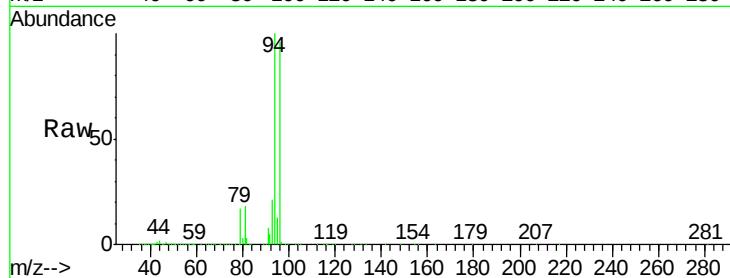
96 95.8 76.6 115.0

Manual Integrations

APPROVED

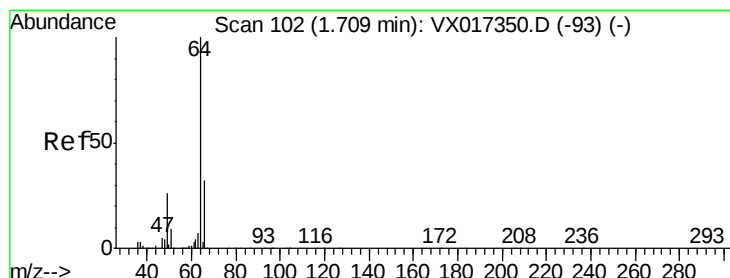
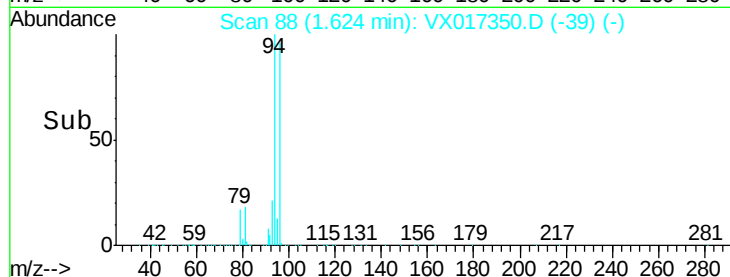
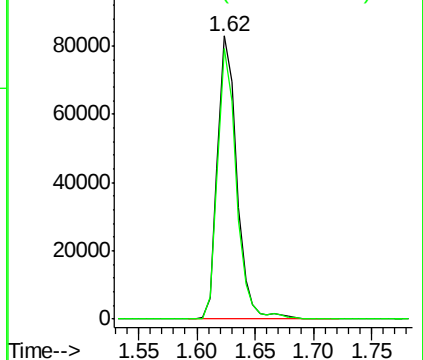
MMDadoda

7/14/2020 11:35:49 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.286 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017350.D

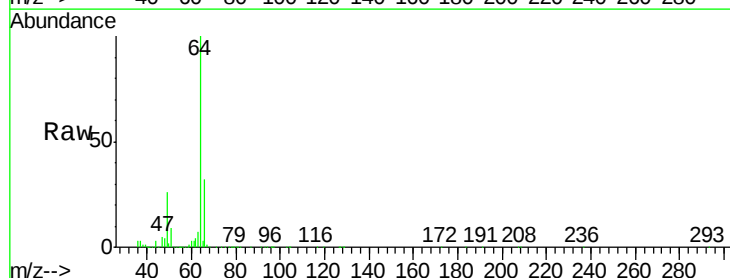
Acq: 13 Jul 2020 11:24

Tgt Ion: 64 Resp: 88801

Ion Ratio Lower Upper

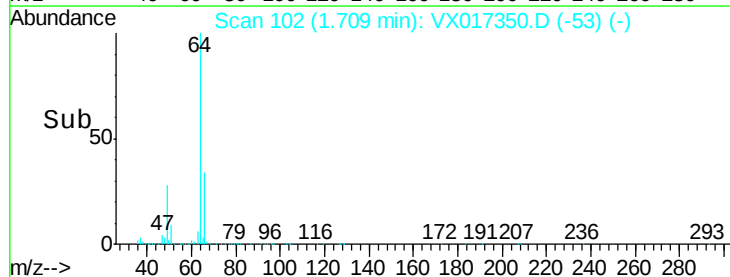
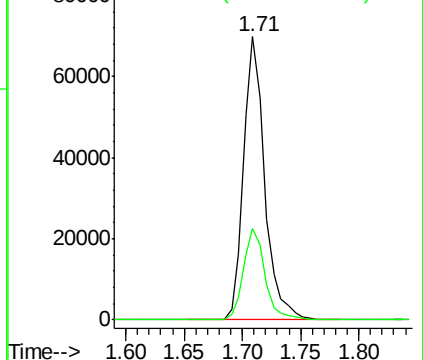
64 100

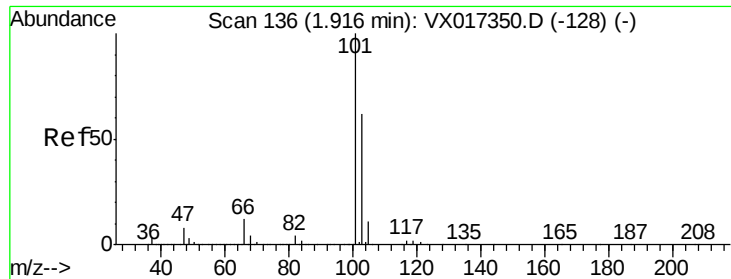
66 32.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

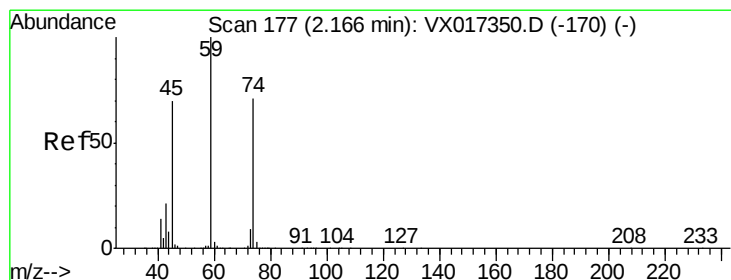
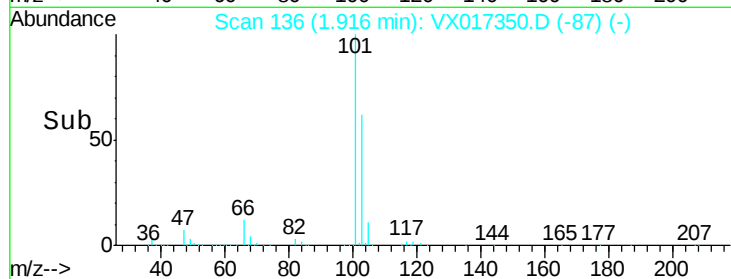
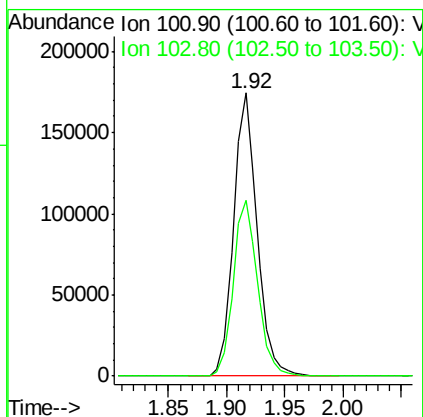
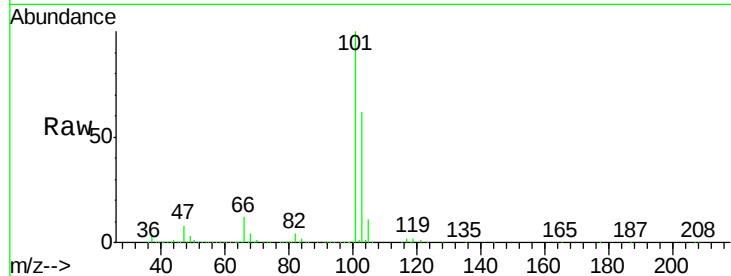
Trichlorofluoromethane  
Concen: 51.469 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.0  | 49.6  | 74.4  |

Manual Integrations  
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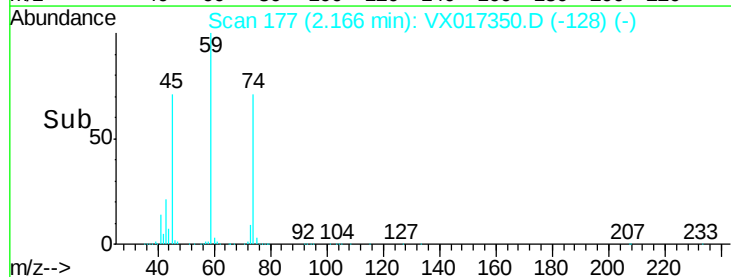
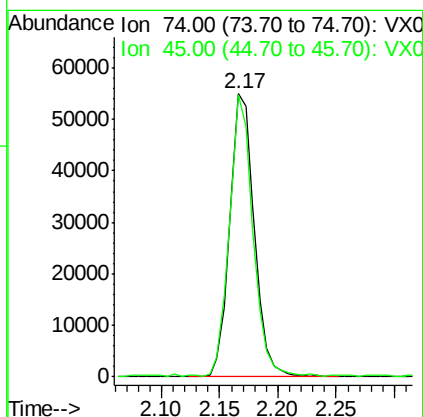
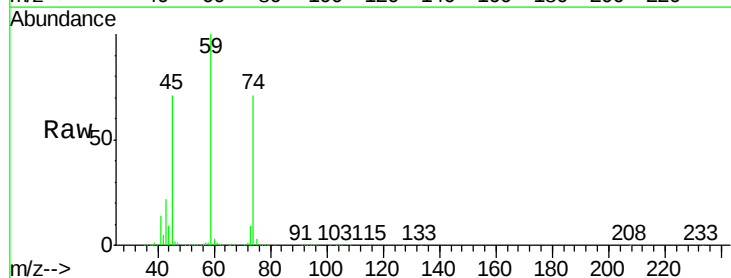
MMDadoda  
7/14/2020 11:35:49 AM

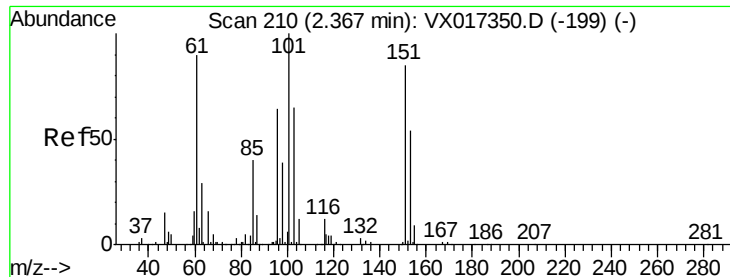


#8

Diethyl Ether  
Concen: 47.013 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.4  | 47.2  | 141.6 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.679 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

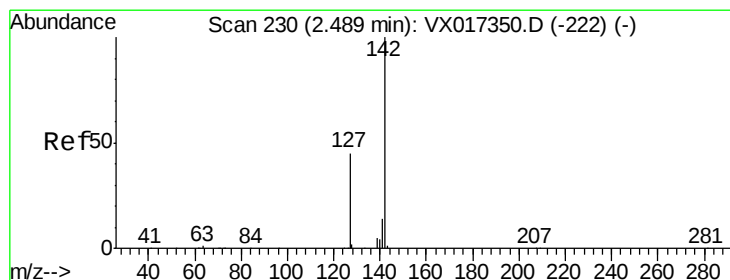
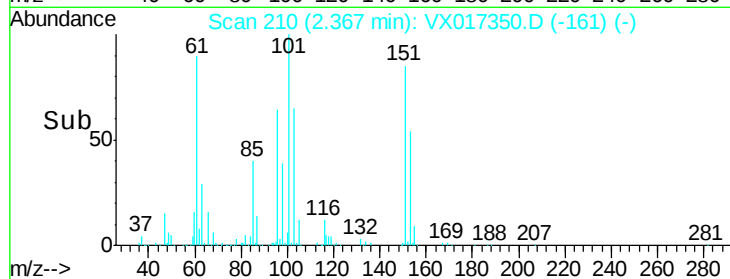
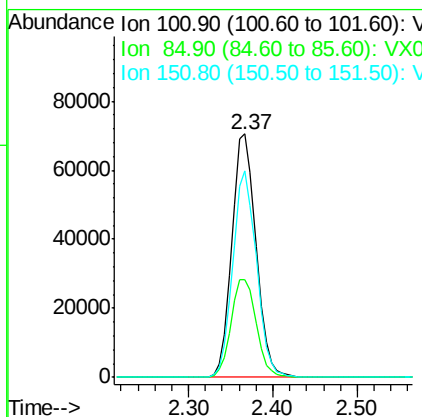
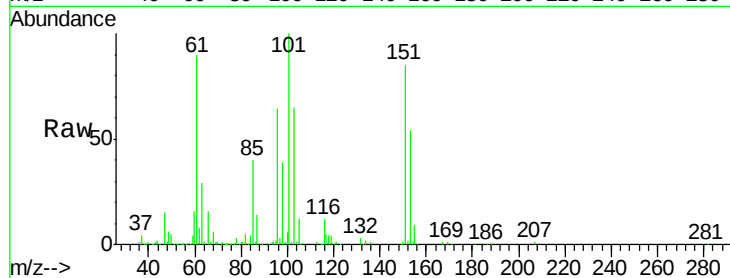
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 136920 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.1  | 33.7  | 50.5   |
| 151       | 83.0  | 66.4  | 99.6   |

Manual Integrations  
APPROVED

MMDadoda  
7/14/2020 11:35:49 AM



#10

Methyl Iodide

Concen: 50.003 ug/l

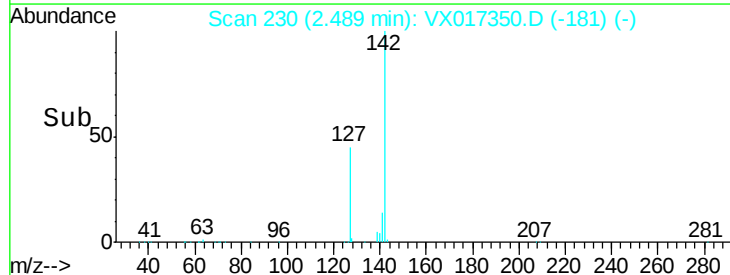
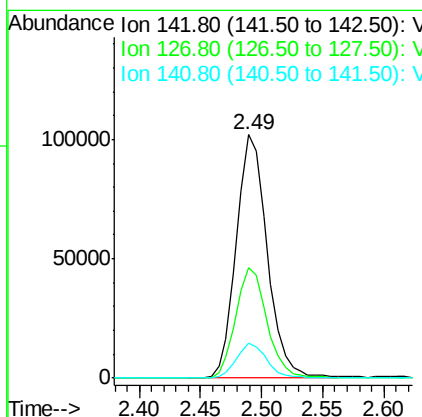
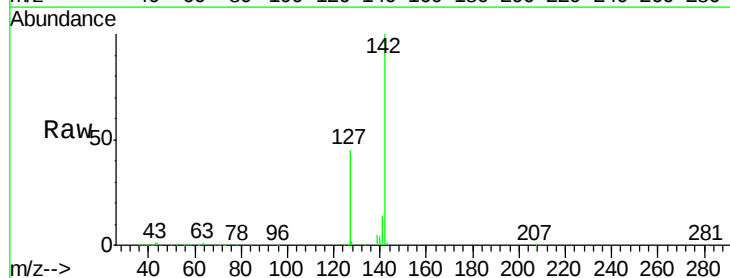
RT: 2.49 min Scan# 230

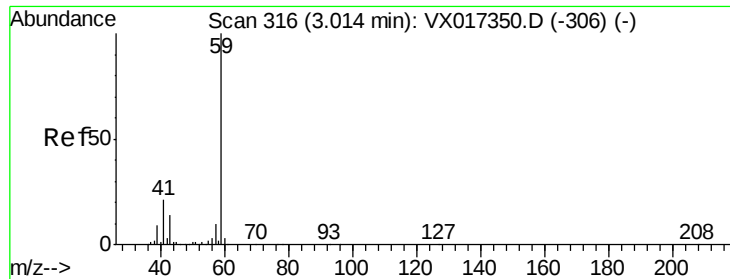
Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 179471 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 46.0  | 36.8  | 55.2   |
| 141       | 14.2  | 11.4  | 17.0   |





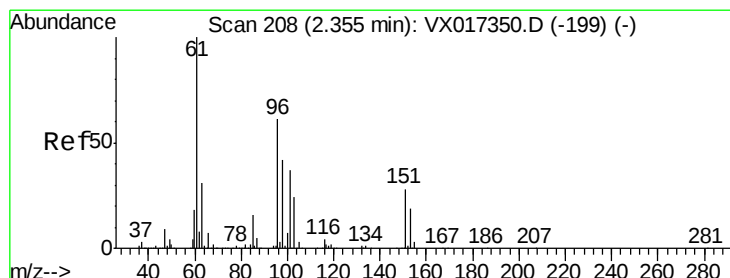
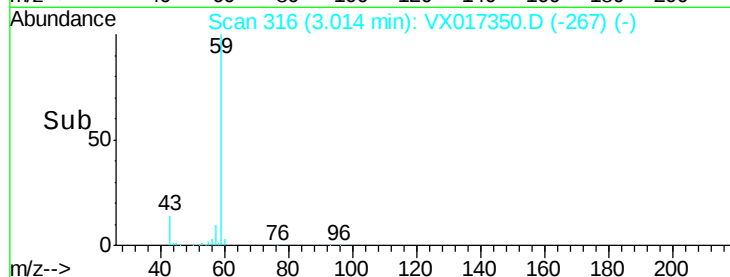
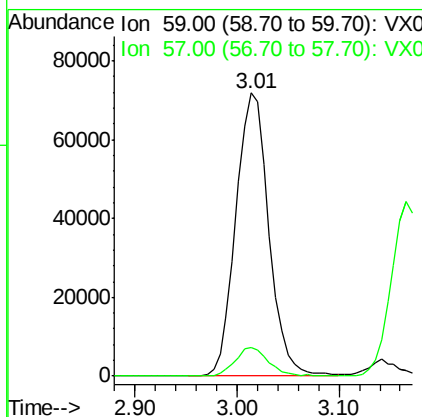
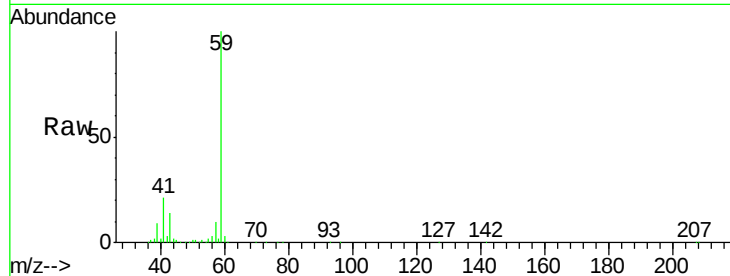
#11  
Tert butyl alcohol  
Concen: 237.285 ug/l  
RT: 3.01 min Scan# 316  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.4  | 8.3   | 12.5  |

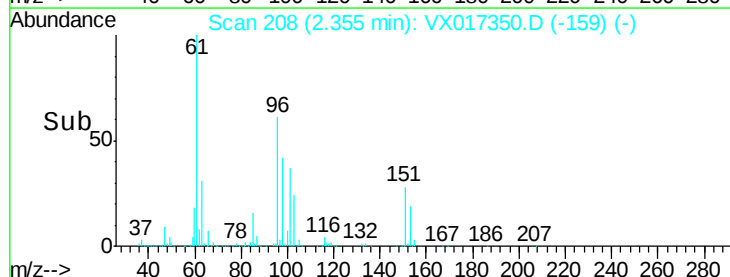
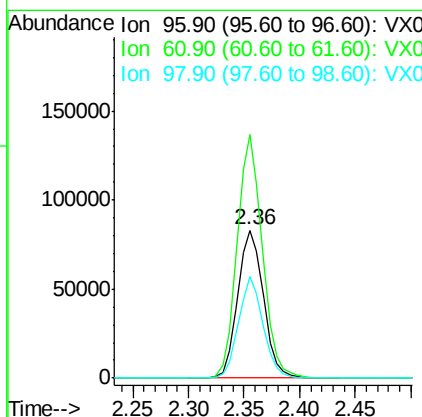
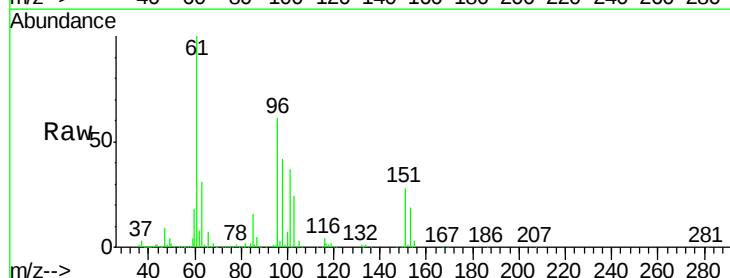
Manual Integrations  
APPROVED

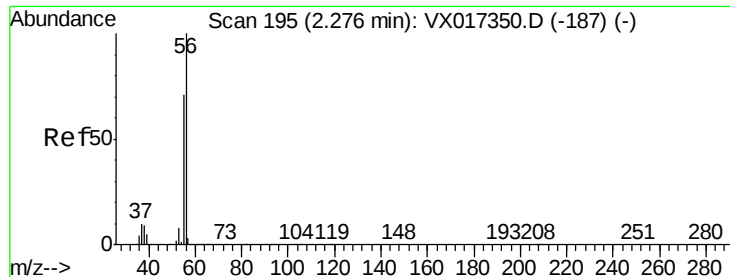
MMDadoda  
7/14/2020 11:35:49 AM



#12  
1,1-Dichloroethene  
Concen: 46.333 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 164.4 | 131.5 | 197.3 |
| 98      | 68.9  | 55.1  | 82.7  |





#13

Acrolein

Concen: 224.120 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 90431

Ion Ratio Lower Upper

56 100

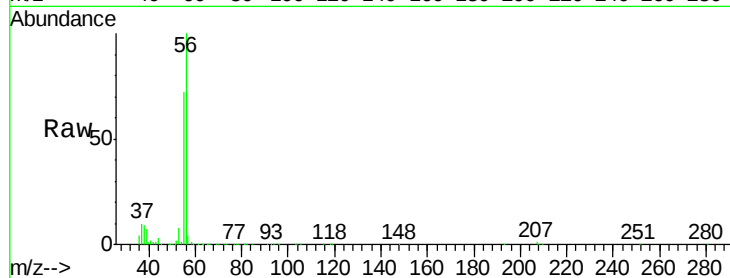
55 71.4 57.1 85.7

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

60000

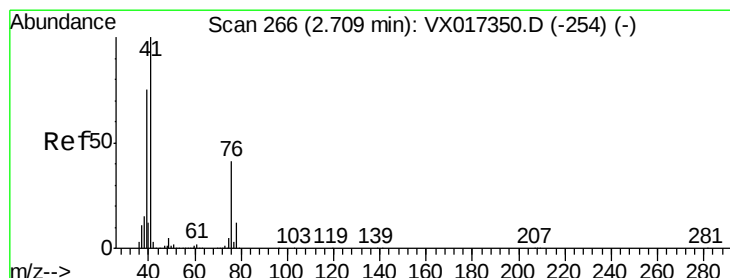
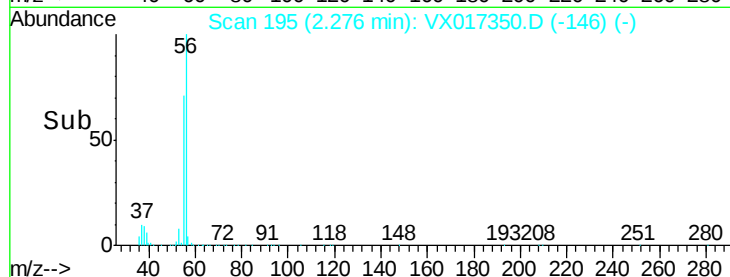
40000

20000

0

2.20 2.30 2.40

Time-->



#14

Allyl chloride

Concen: 44.476 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

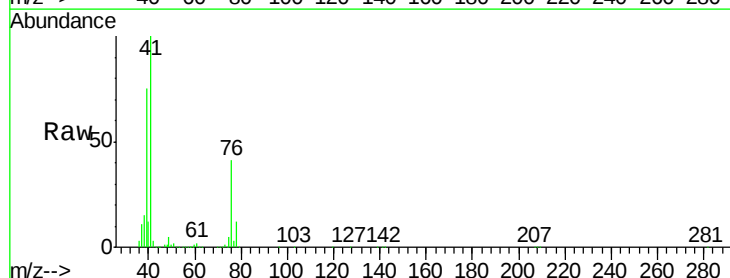
Tgt Ion: 41 Resp: 234773

Ion Ratio Lower Upper

41 100

39 66.2 53.0 79.4

76 35.2 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

300000

250000

200000

150000

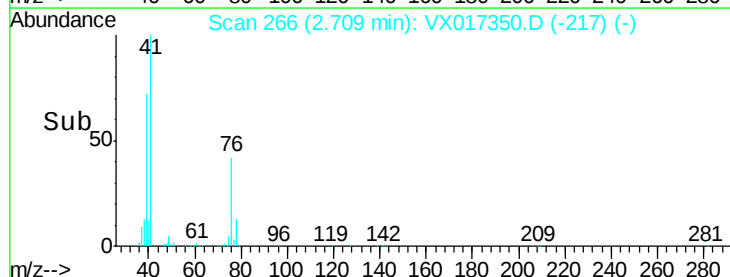
100000

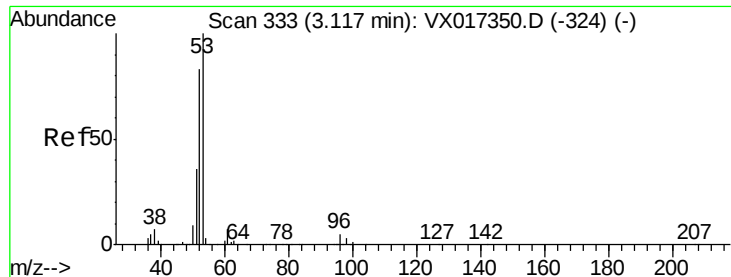
50000

0

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 236.504 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

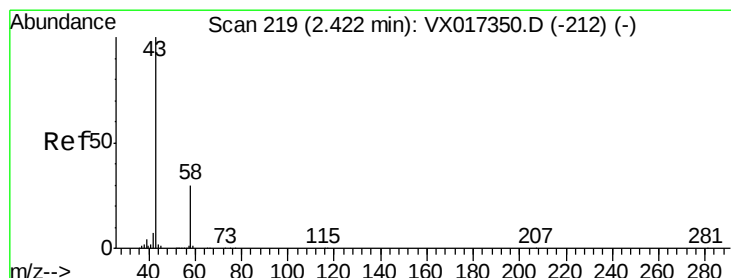
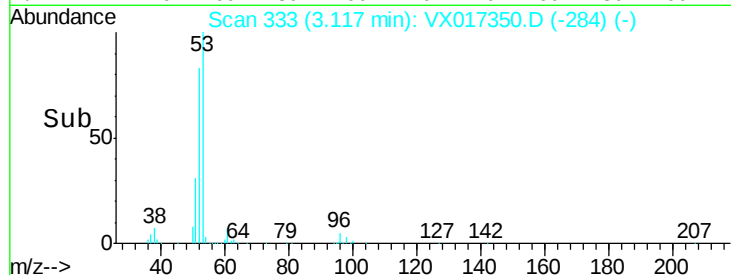
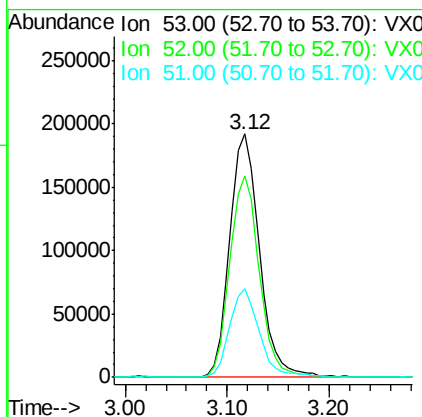
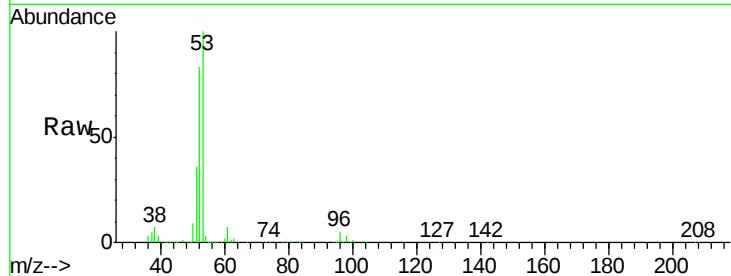
ClientSampleId :

VSTDICCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 388157 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 82.2 | 65.8  | 98.6   |
| 51        | 36.5 | 29.2  | 43.8   |

Manual Integrations  
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#16

Acetone

Concen: 238.783 ug/l

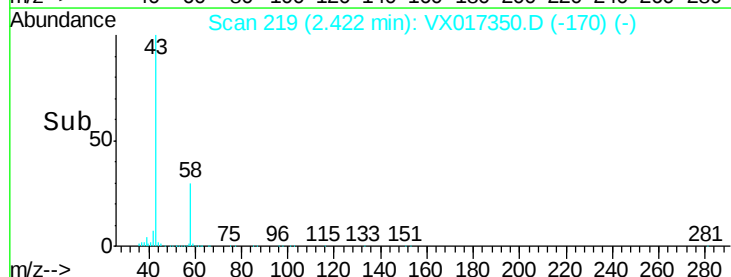
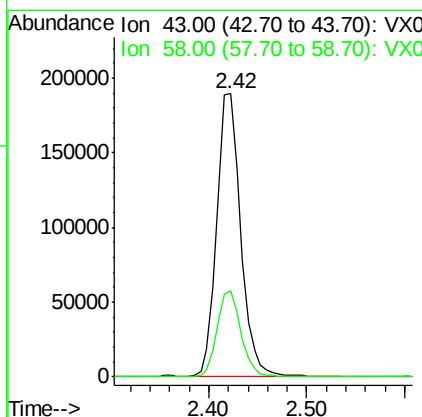
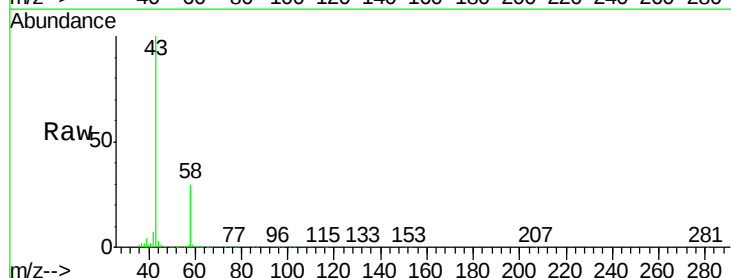
RT: 2.42 min Scan# 219

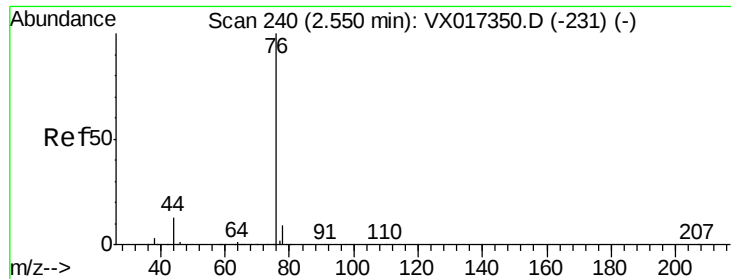
Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 321426 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 30.2 | 24.2  | 36.2   |





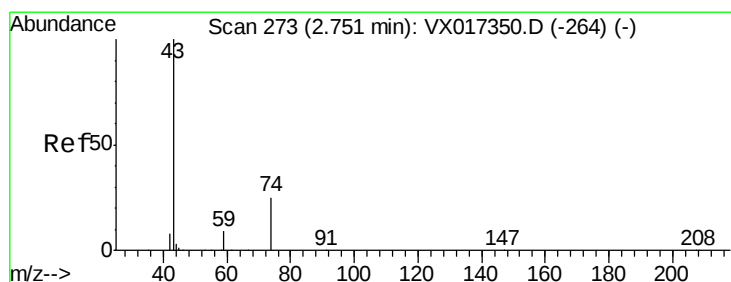
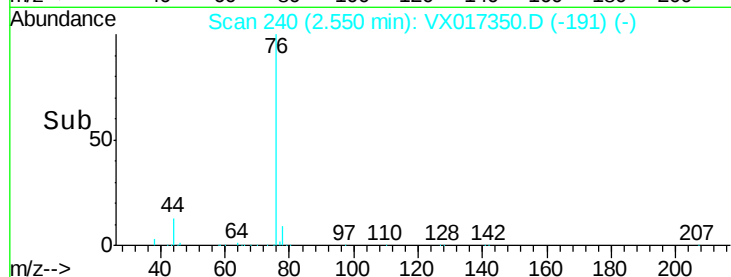
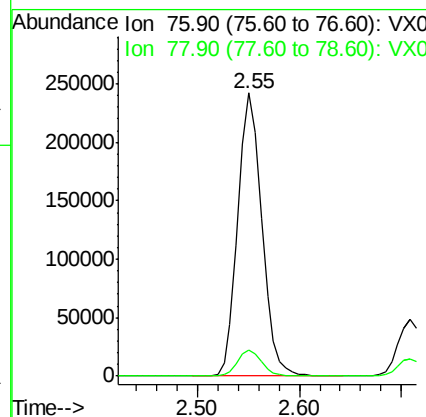
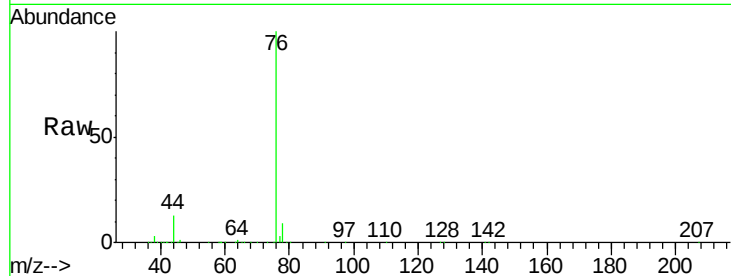
#17  
Carbon Disulfide  
Concen: 44.911 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.1   | 7.3   | 10.9  |

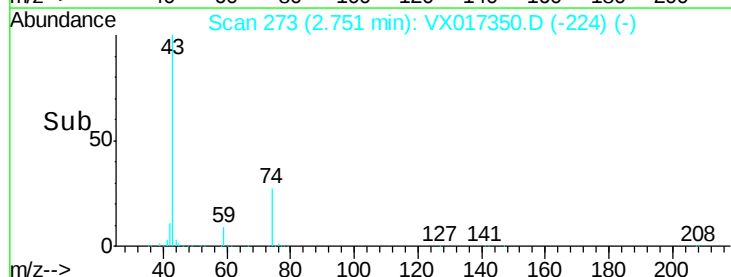
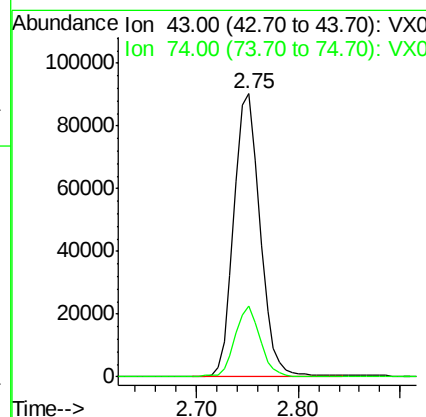
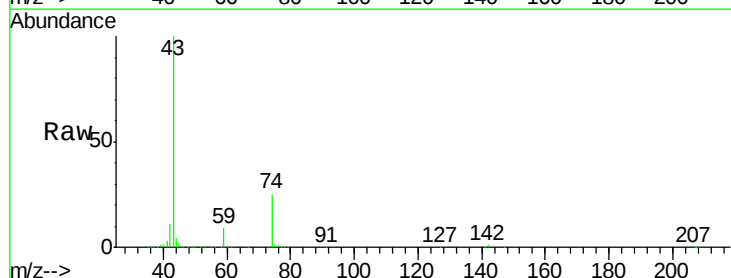
Manual Integrations  
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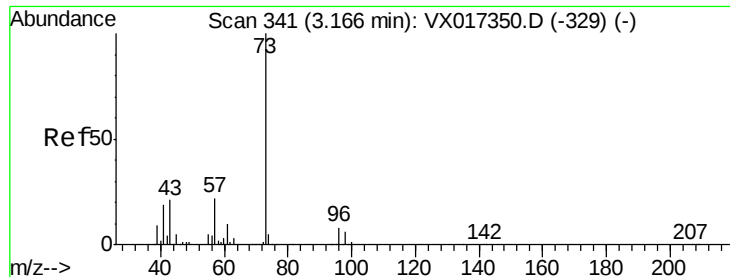
MMDadoda  
7/14/2020 11:35:49 AM



#18  
Methyl Acetate  
Concen: 45.935 ug/l  
RT: 2.75 min Scan# 273  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.3  | 19.4  | 29.2  |





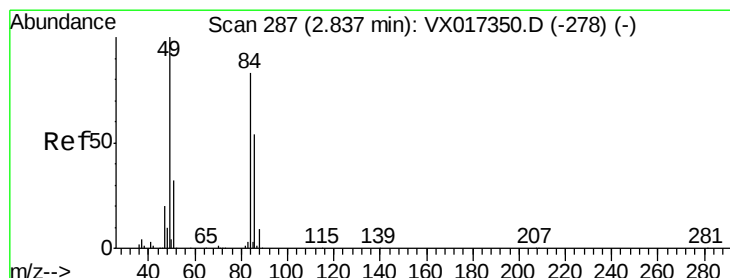
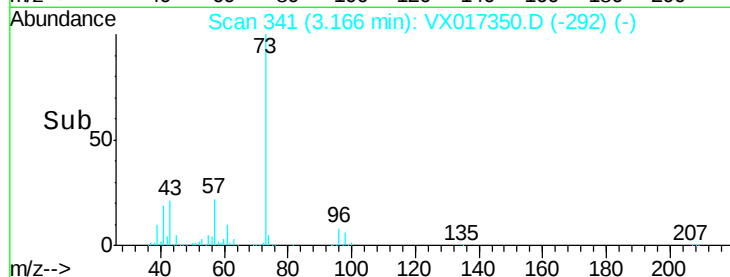
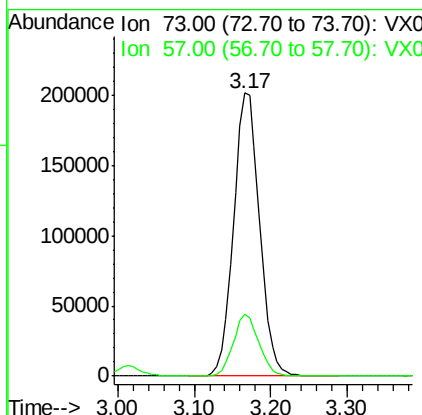
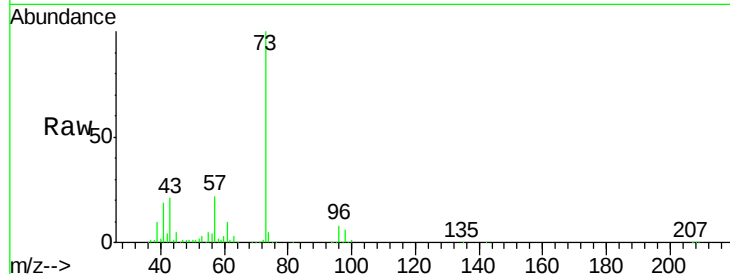
#19  
Methyl tert-butyl Ether  
Concen: 48.765 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.9  | 17.5  | 26.3  |

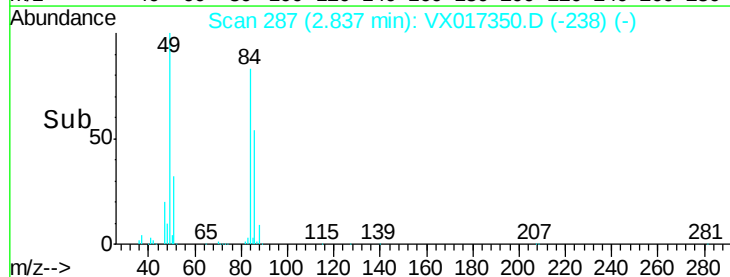
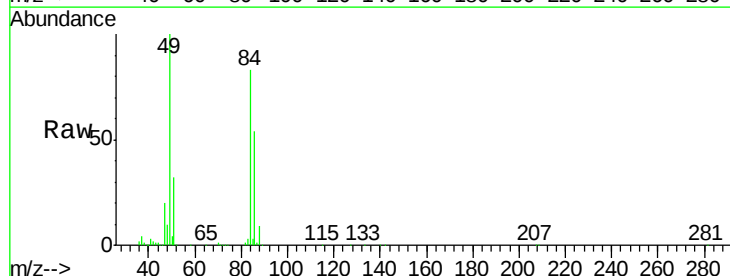
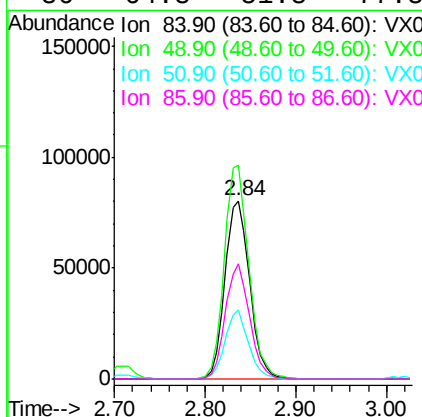
Manual Integrations  
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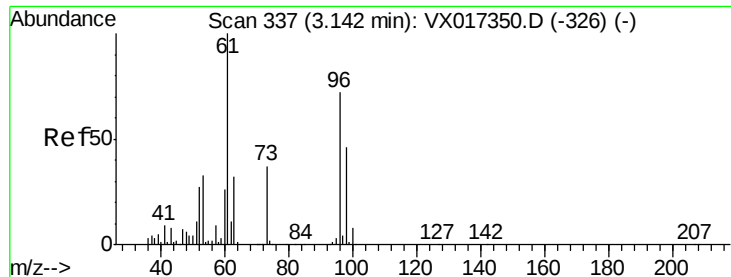
MMDadoda  
7/14/2020 11:35:49 AM



#20  
Methylene Chloride  
Concen: 44.541 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 119.8 | 95.8  | 143.8 |
| 51      | 38.7  | 31.0  | 46.4  |
| 86      | 64.8  | 51.8  | 77.8  |





#21

trans-1,2-Dichloroethene

Concen: 48.026 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 154009

Ion Ratio Lower Upper

96 100

61 138.9 111.1 166.7

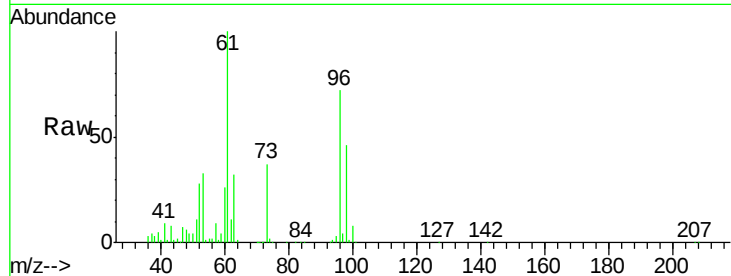
98 64.2 51.4 77.0

Manual Integrations

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MMDadoda

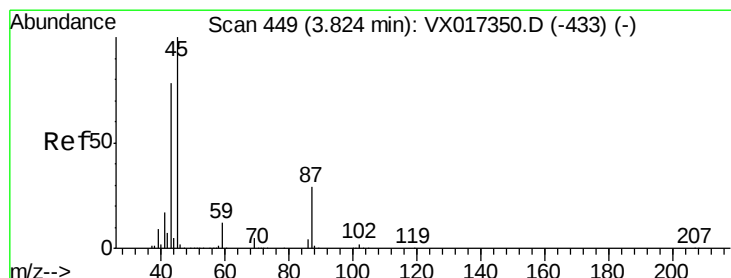
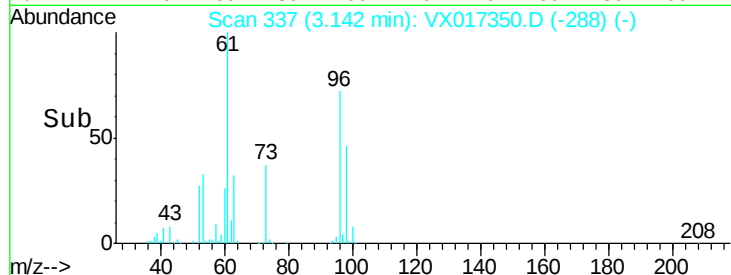
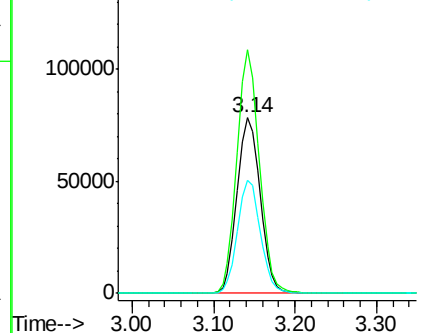
7/14/2020 11:35:49 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.714 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Tgt Ion: 45 Resp: 456054

Ion Ratio Lower Upper

45 100

43 77.7 62.2 93.2

87 28.8 23.0 34.6

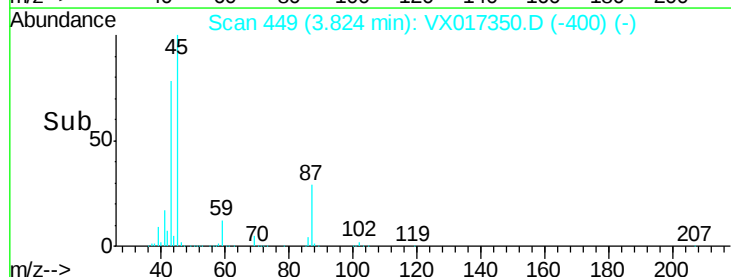
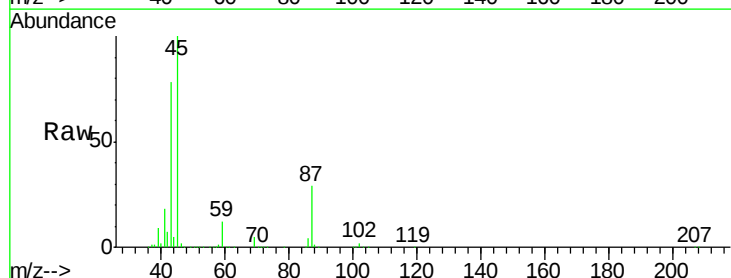
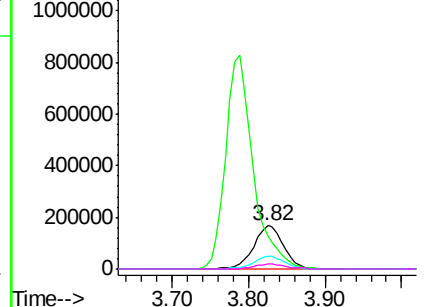
59 12.0 9.6 14.4

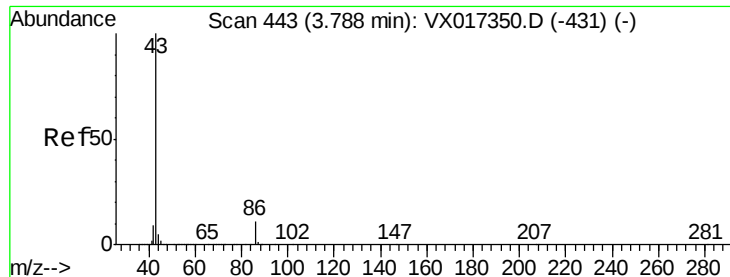
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 245.822 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 2070324

Ion Ratio Lower Upper

43 100

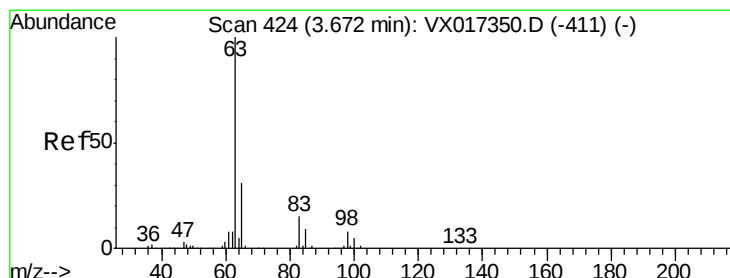
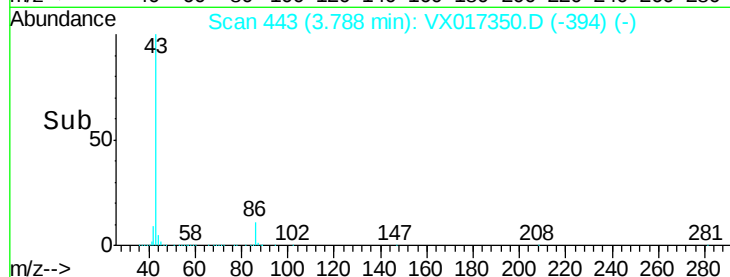
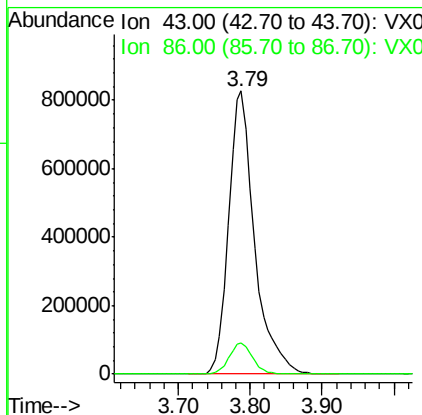
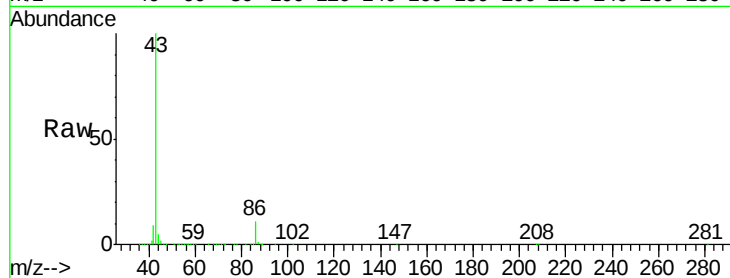
86 11.2 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.570 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

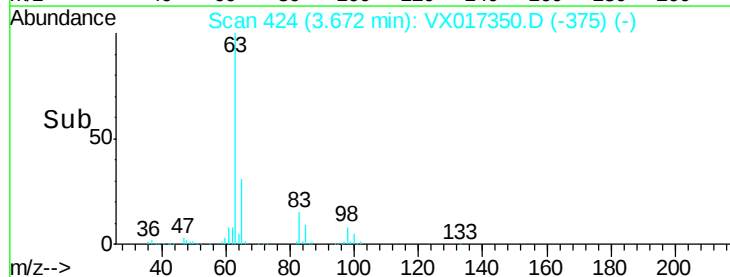
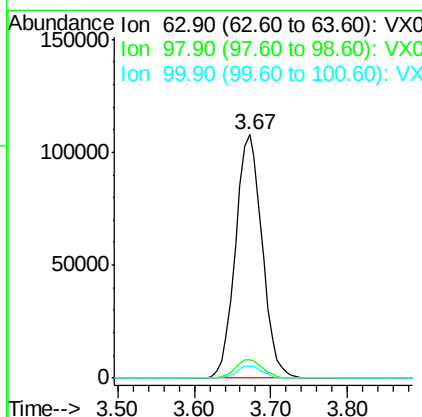
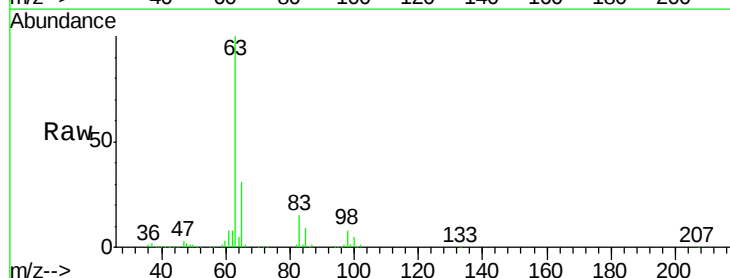
Tgt Ion: 63 Resp: 259841

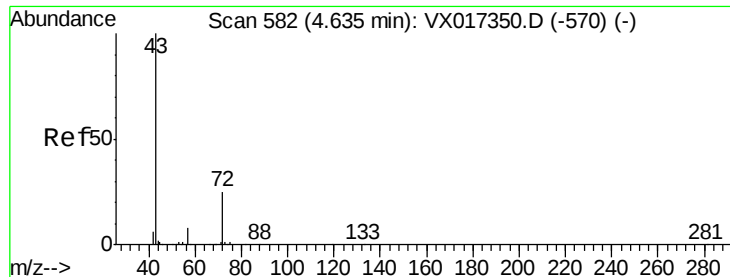
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 5.0 2.5 7.5





#25

2-Butanone

Concen: 239.137 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 532600

Ion Ratio Lower Upper

43 100

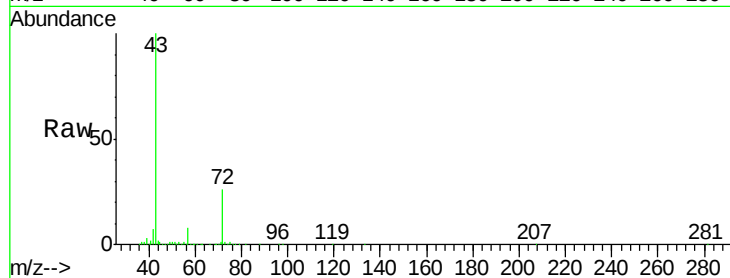
72 25.5 20.4 30.6

Manual Integrations

APPROVED

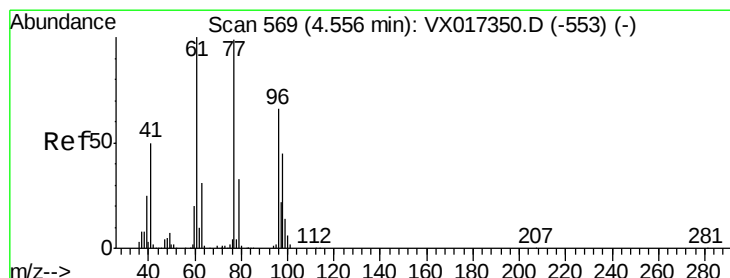
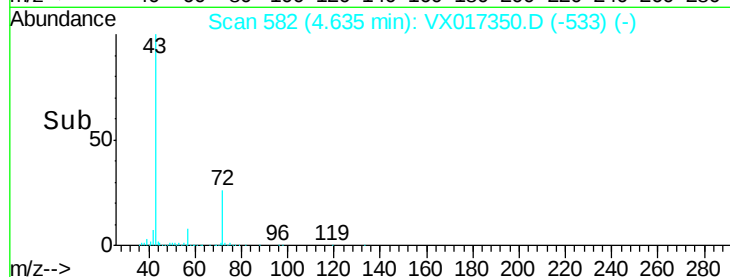
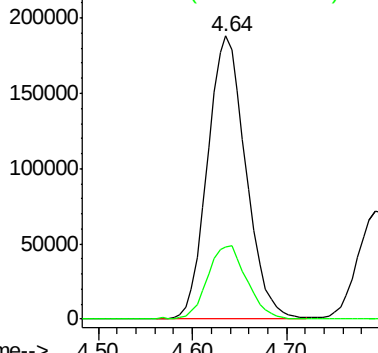
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.799 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX017350.D

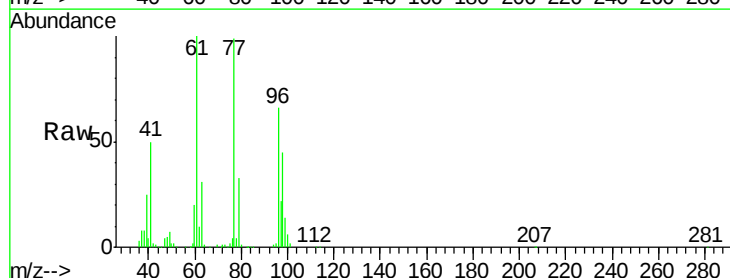
Acq: 13 Jul 2020 11:24

Tgt Ion: 77 Resp: 244468

Ion Ratio Lower Upper

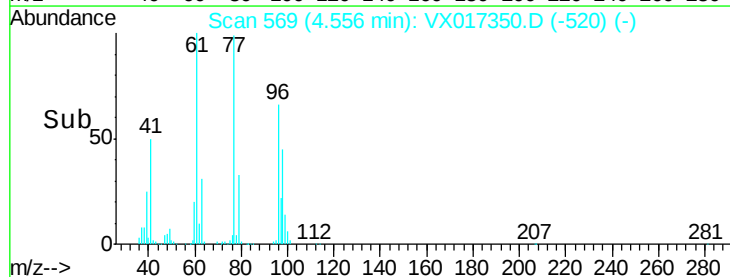
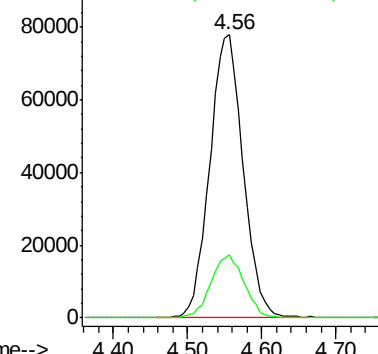
77 100

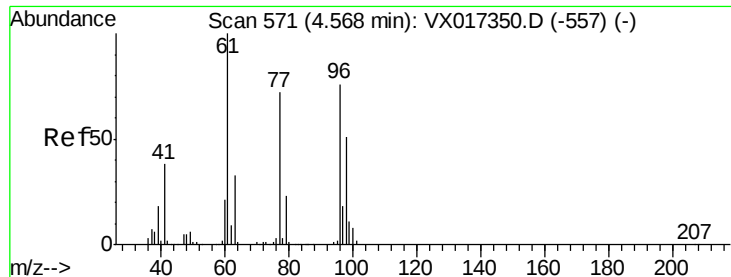
97 22.2 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

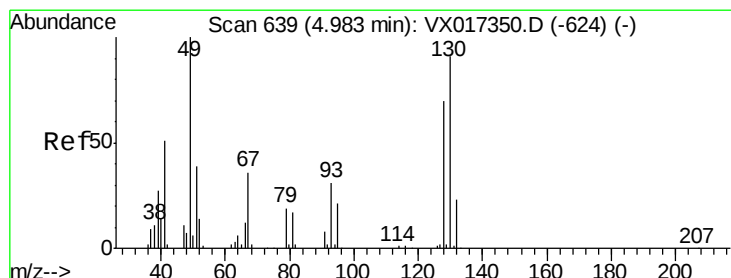
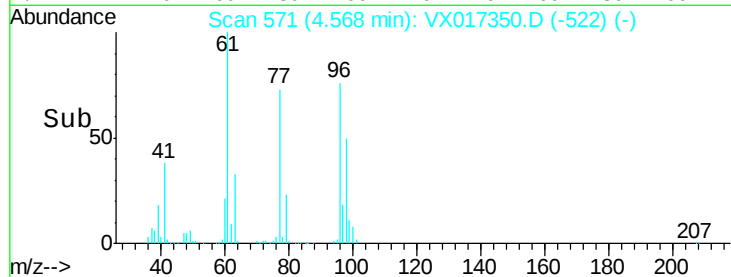
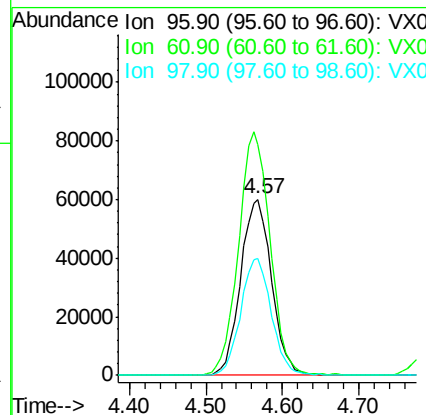
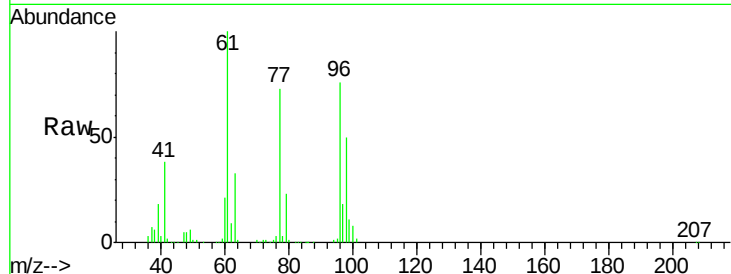
cis-1,2-Dichloroethene  
Concen: 46.709 ug/l  
RT: 4.57 min Scan# 571  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 168722 |       |       |
| 61      | 140.6 | 0.0    | 281.2 |       |
| 98      | 65.7  | 0.0    | 131.4 |       |

Manual Integrations  
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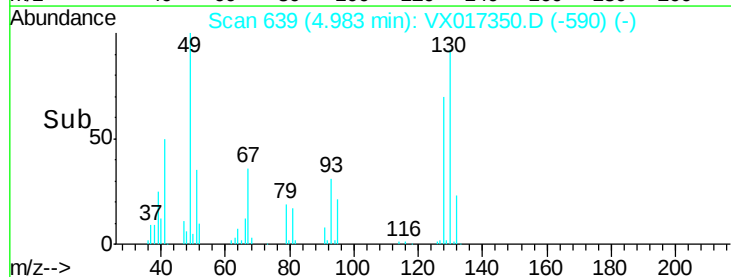
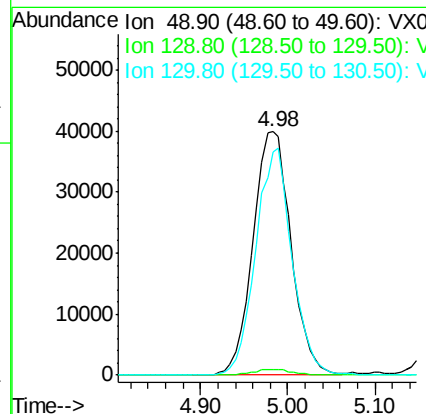
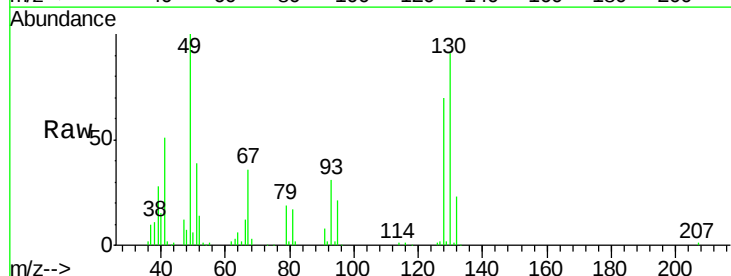
MMDadoda  
7/14/2020 11:35:49 AM

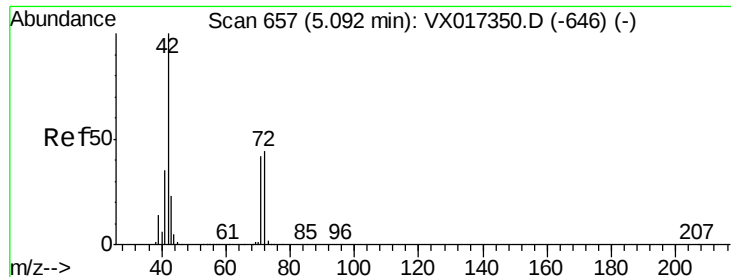


#28

Bromochloromethane  
Concen: 44.683 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 120893 |       |       |
| 129     | 2.4   | 0.0    | 4.8   |       |
| 130     | 88.9  | 71.1   | 106.7 |       |





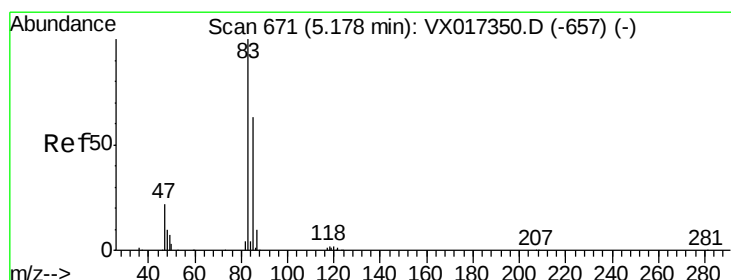
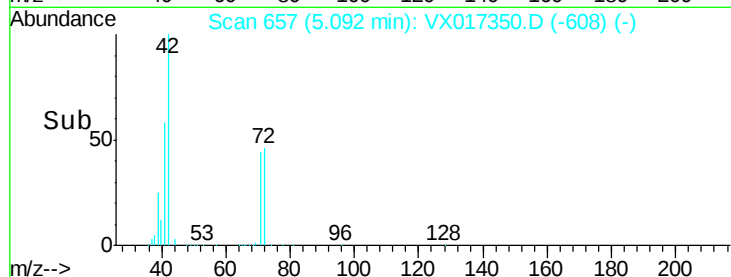
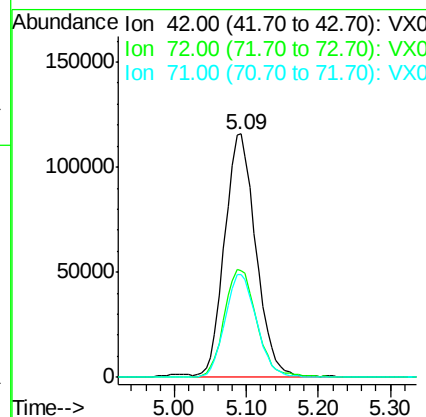
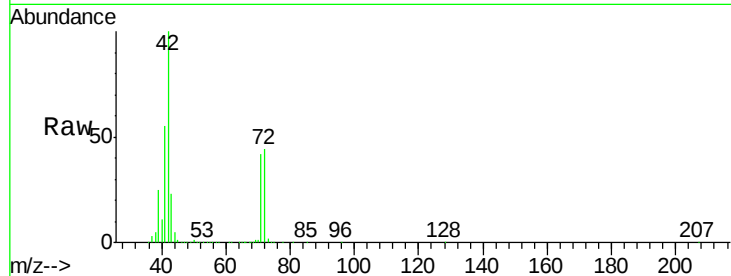
#29  
Tetrahydrofuran  
Concen: 237.737 ug/l  
RT: 5.09 min Scan# 657  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.5  | 37.2  | 55.8  |
| 71      | 43.0  | 34.4  | 51.6  |

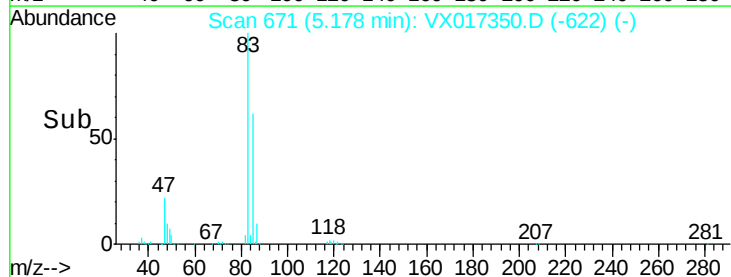
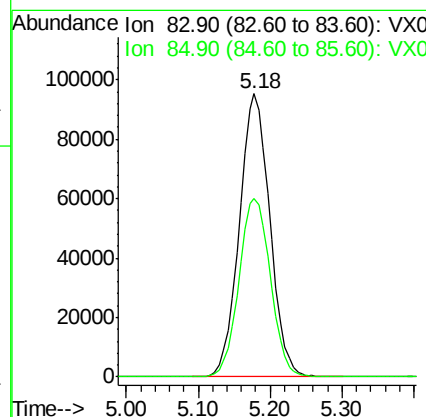
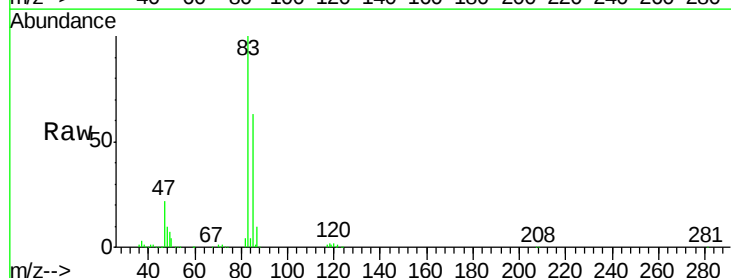
Manual Integrations  
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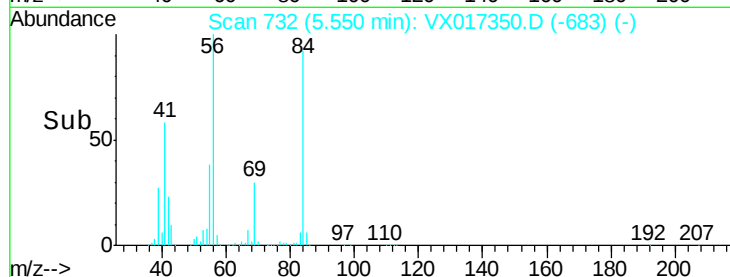
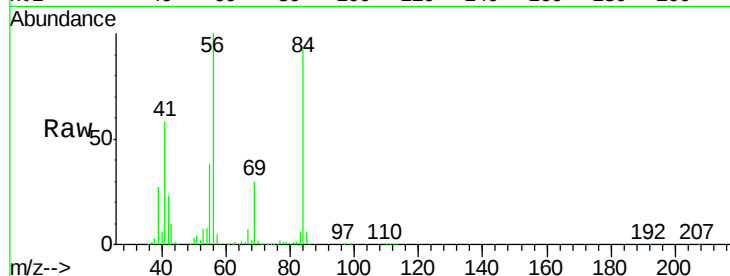
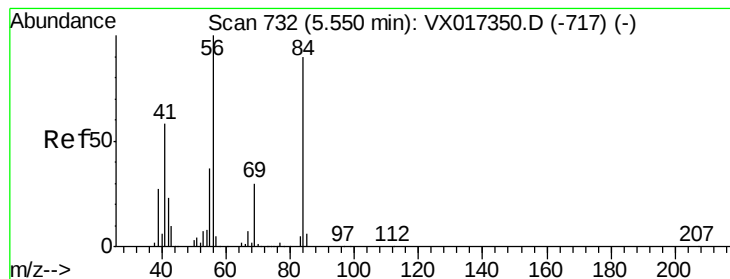
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#30  
Chloroform  
Concen: 48.622 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.8  | 50.2  | 75.4  |





#31

Cyclohexane

Concen: 46.452 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017350.D

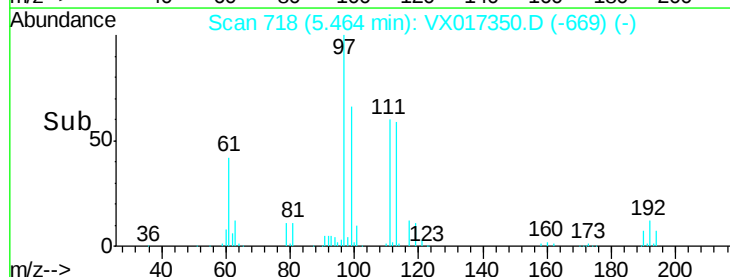
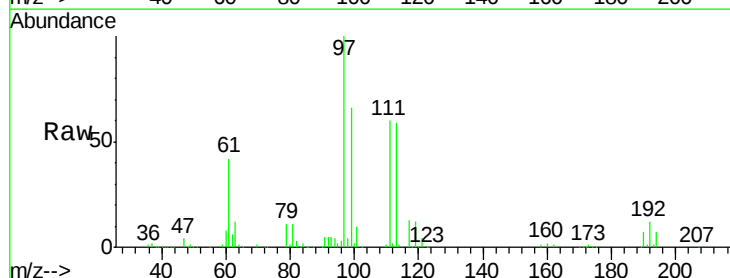
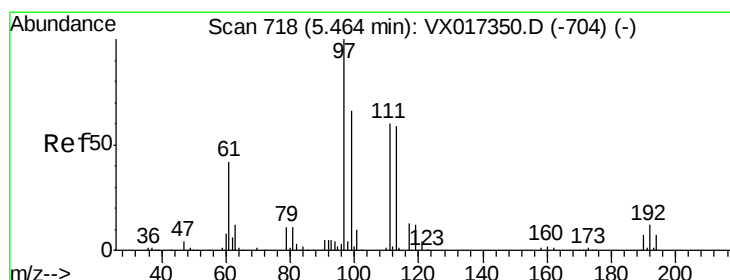
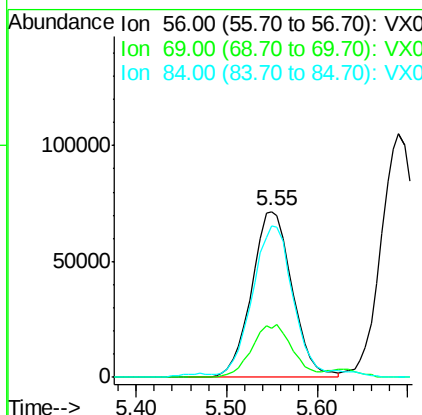
Acq: 13 Jul 2020 11:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 56    | Resp: | 221751 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 29.6  | 23.7  | 35.5   |
| 84        | 89.7  | 71.8  | 107.6  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

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#32

1,1,1-Trichloroethane

Concen: 49.601 ug/l

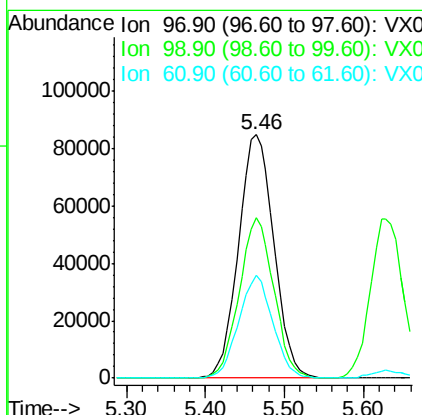
RT: 5.46 min Scan# 718

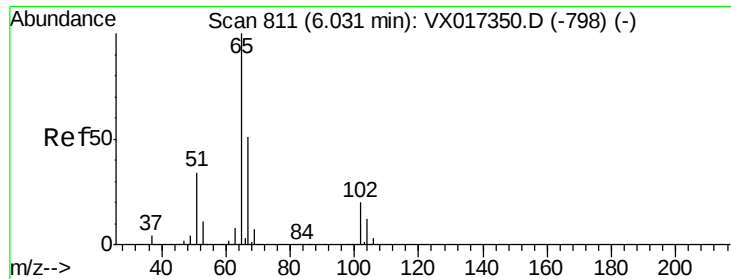
Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 264673 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 64.0  | 51.2  | 76.8   |
| 61        | 40.9  | 32.7  | 49.1   |





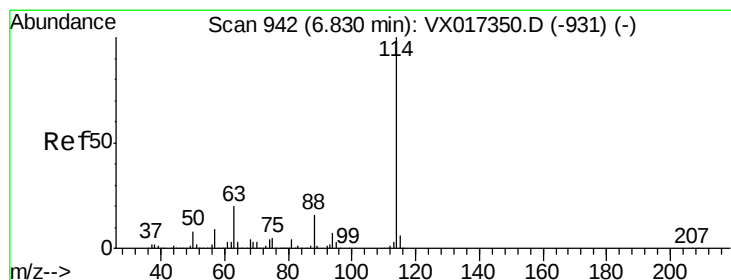
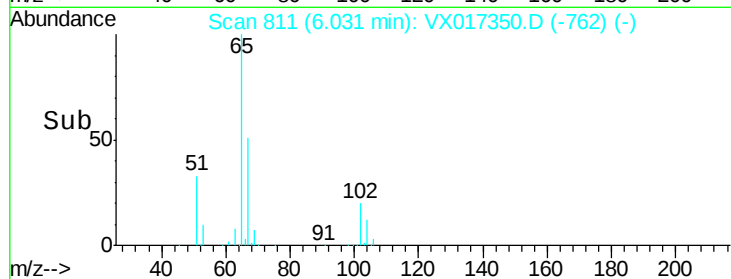
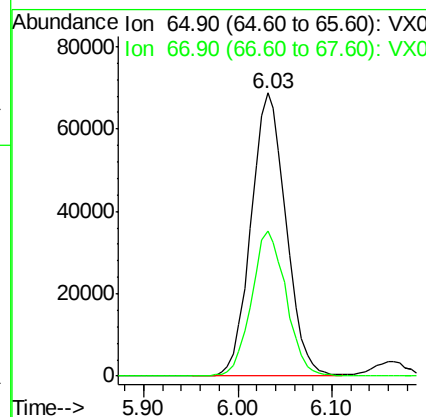
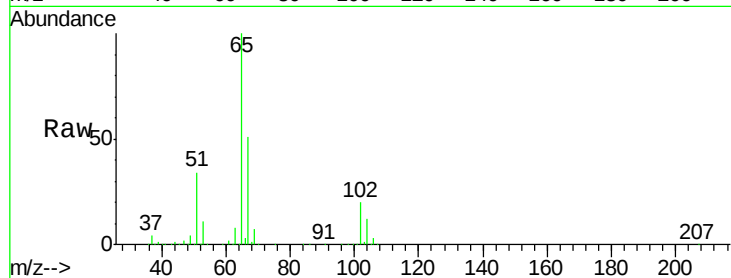
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.928 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. 0.00 min  
 Lab File: VX017350.D  
 Acq: 13 Jul 2020 11:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 179006 |       |       |
| 67      | 50.8  | 0.0    | 101.6 |       |

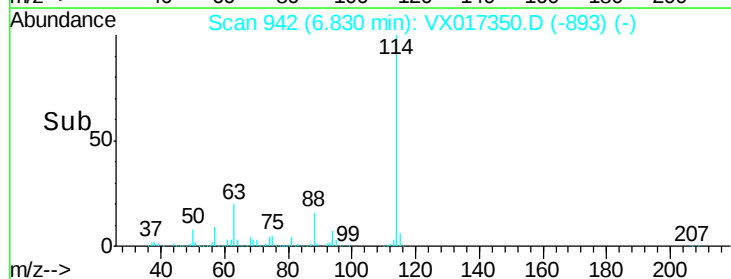
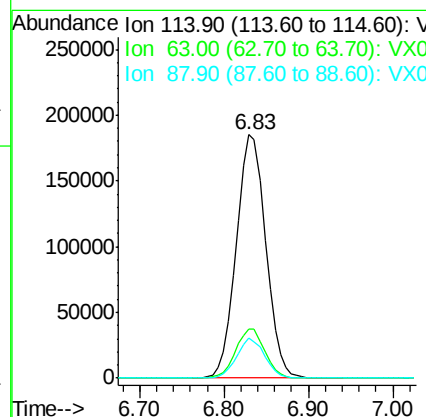
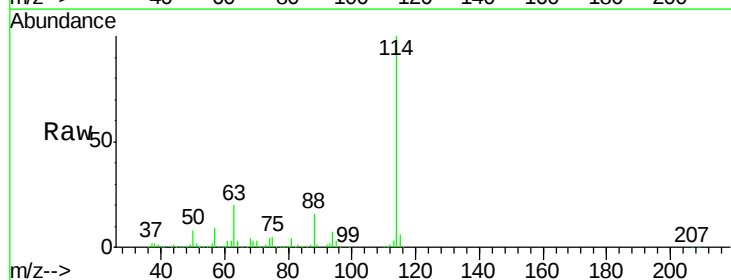
Manual Integrations  
 APPROVED

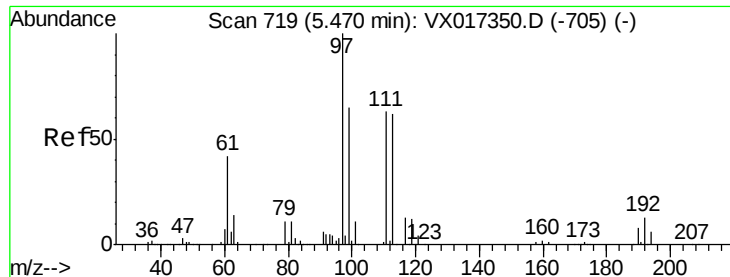
MMDadoda  
 7/14/2020 11:35:49 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. 0.00 min  
 Lab File: VX017350.D  
 Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 437148 |       |       |
| 63      | 20.0  | 0.0    | 40.0  |       |
| 88      | 16.4  | 0.0    | 32.8  |       |





#35

Dibromofluoromethane

Concen: 51.403 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

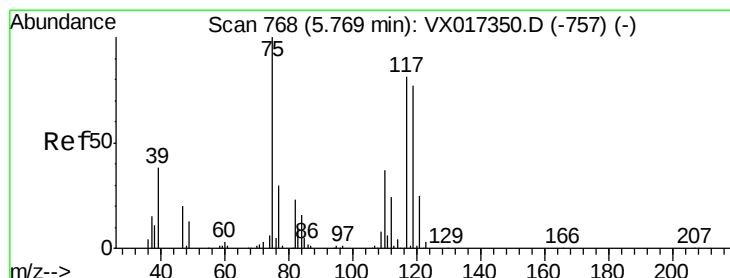
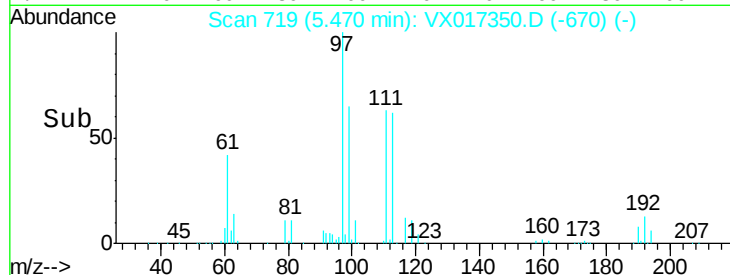
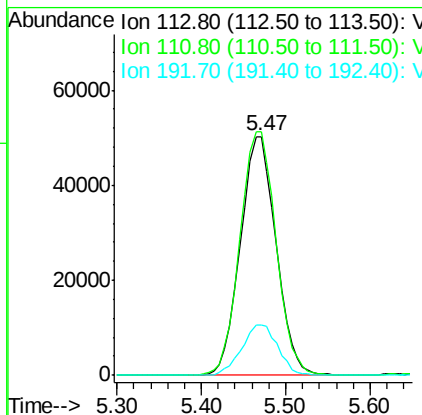
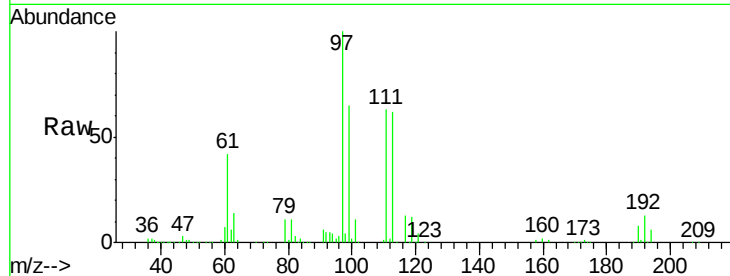
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 144353 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.0 | 82.4  | 123.6  |
| 192       | 21.5  | 17.2  | 25.8   |

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#36

1,1-Dichloropropene

Concen: 49.886 ug/l

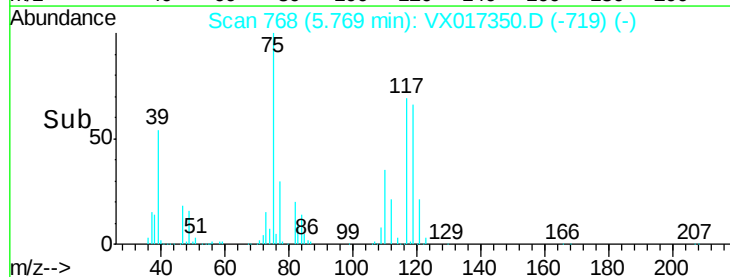
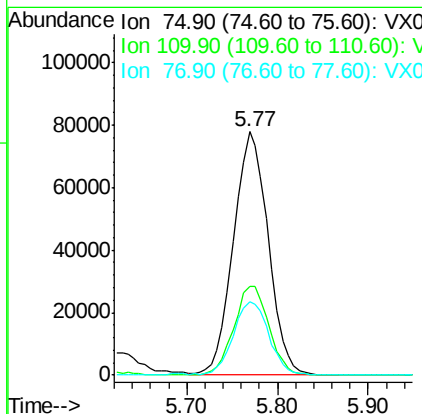
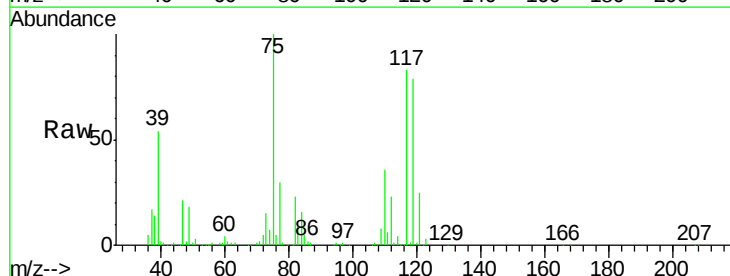
RT: 5.77 min Scan# 768

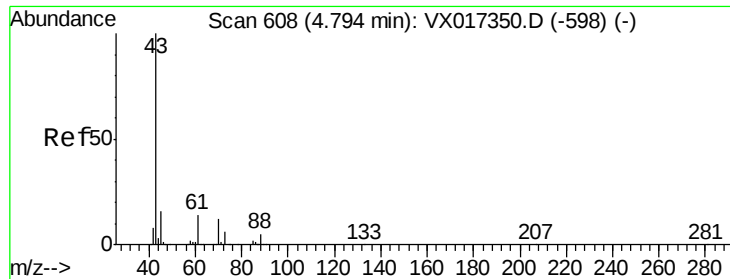
Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 206189 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 37.2  | 18.6  | 55.8   |
| 77        | 31.1  | 24.9  | 37.3   |





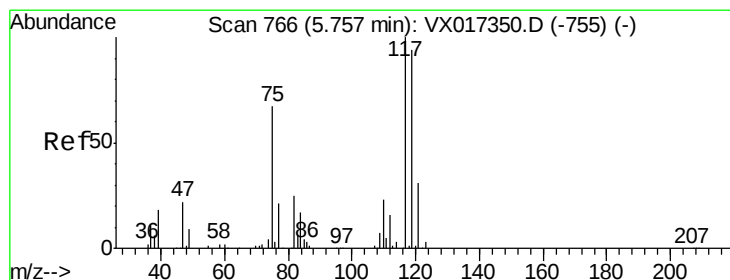
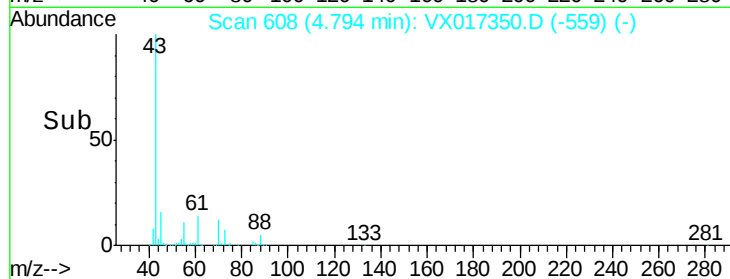
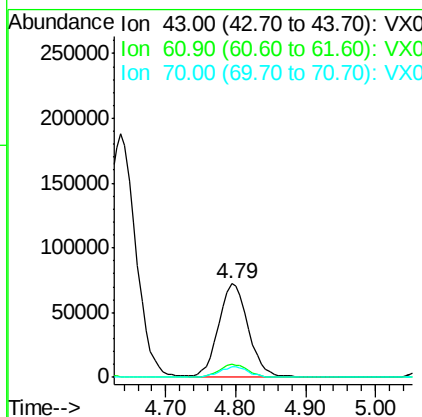
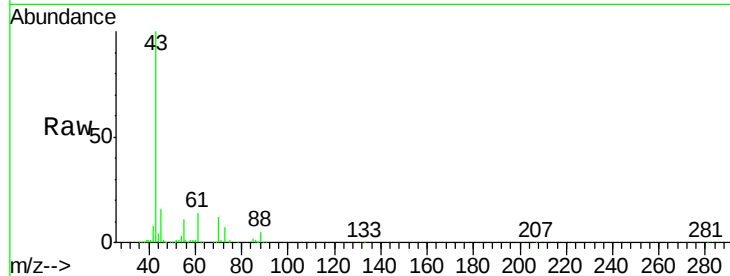
#37  
Ethyl Acetate  
Concen: 50.944 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.4  | 10.7  | 16.1  |
| 70      | 11.3  | 9.0   | 13.6  |

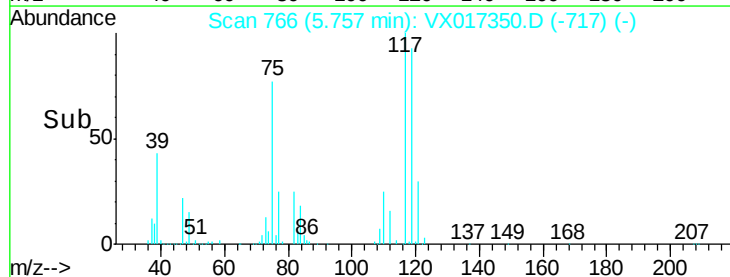
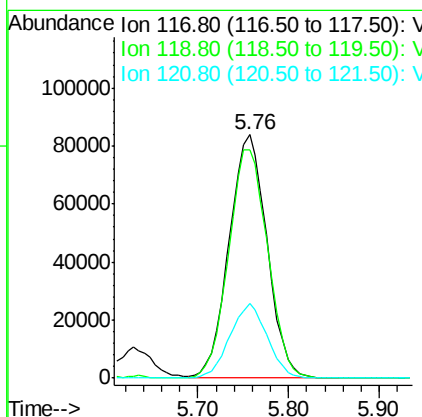
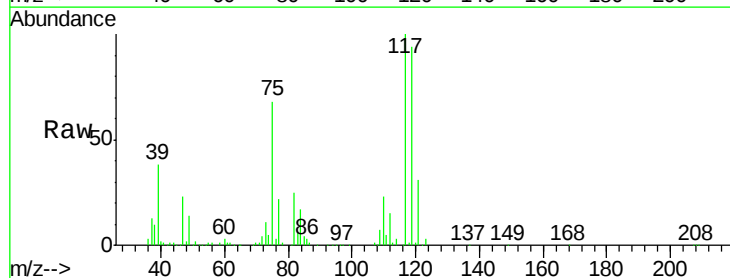
Manual Integrations  
APPROVED

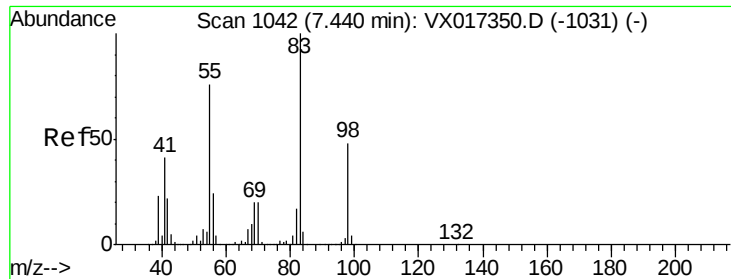
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 52.724 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.4  | 74.7  | 112.1 |
| 121     | 30.6  | 24.5  | 36.7  |





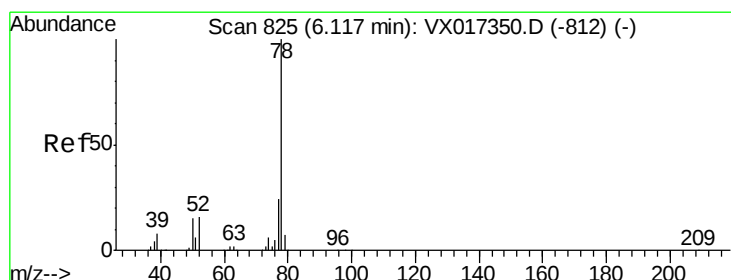
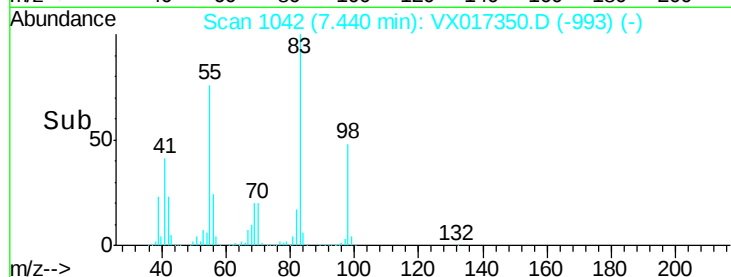
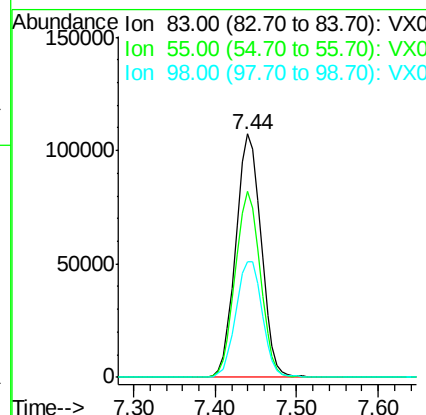
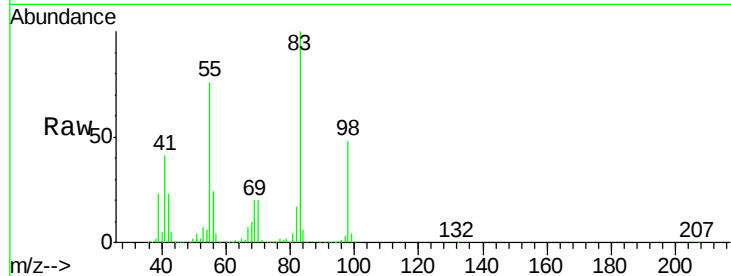
#39  
Methvlcvclohexane  
Concen: 50.283 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 230127 |       |       |
| 55      | 76.5  |        | 61.2  | 91.8  |
| 98      | 47.6  |        | 38.1  | 57.1  |

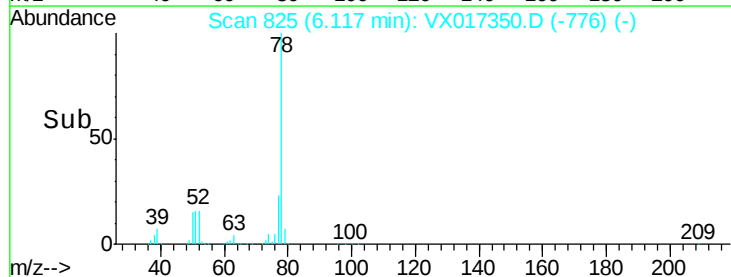
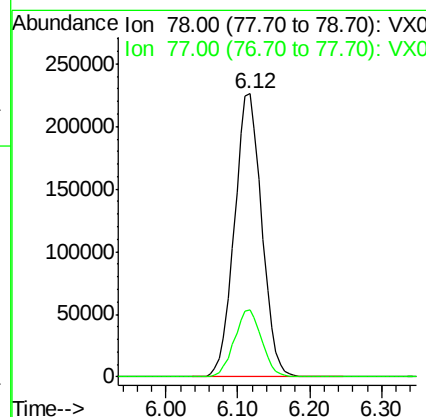
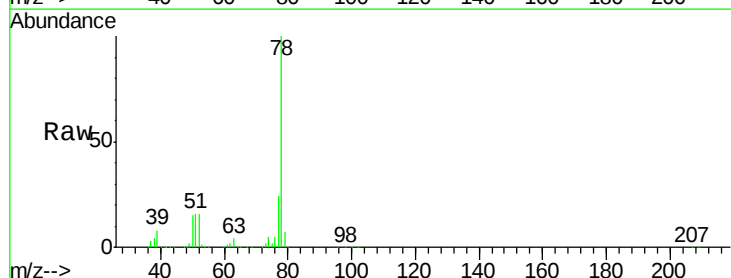
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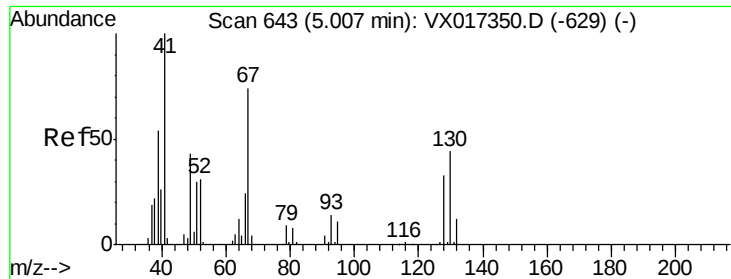
MMDadoda  
7/14/2020 11:35:49 AM



#40  
Benzene  
Concen: 49.253 ug/l  
RT: 6.12 min Scan# 825  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 596270 |       |       |
| 77      | 23.6  |        | 18.9  | 28.3  |





#41

Methacrylonitrile

Concen: 49.180 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

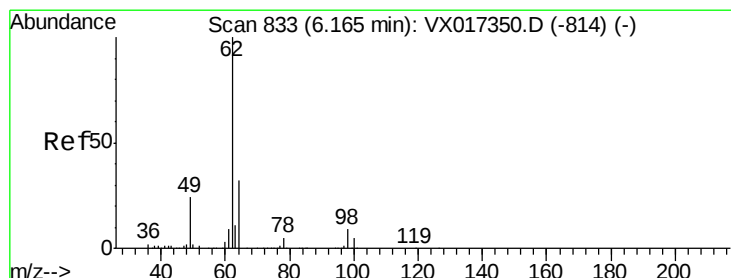
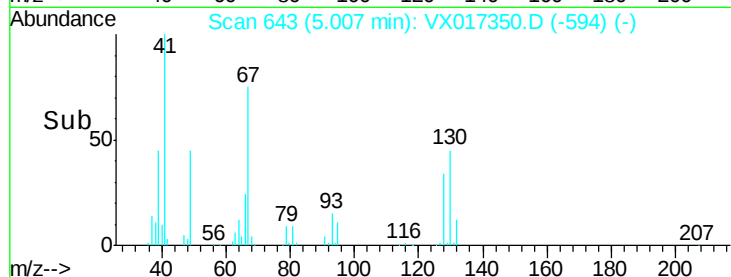
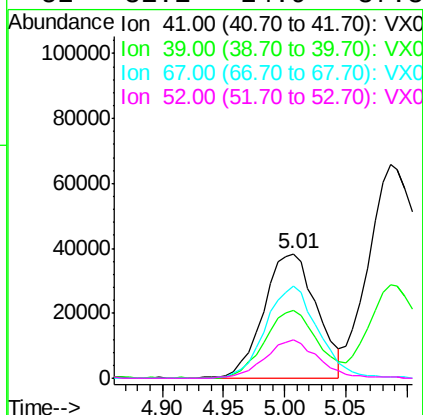
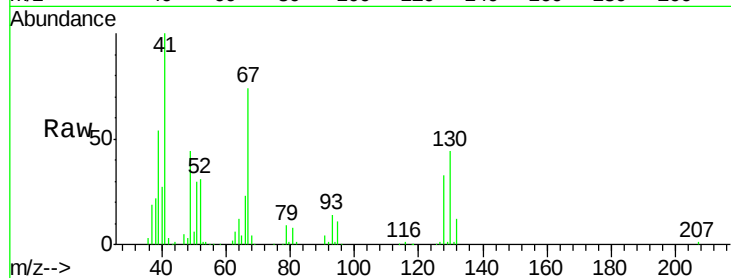
ClientSampleId :

VSTDICCC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 54.8 | 43.8  | 65.8  |       |
| 67      | 73.4 | 58.7  | 88.1  |       |
| 52      | 31.1 | 24.9  | 37.3  |       |

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#42

1,2-Dichloroethane

Concen: 51.933 ug/l

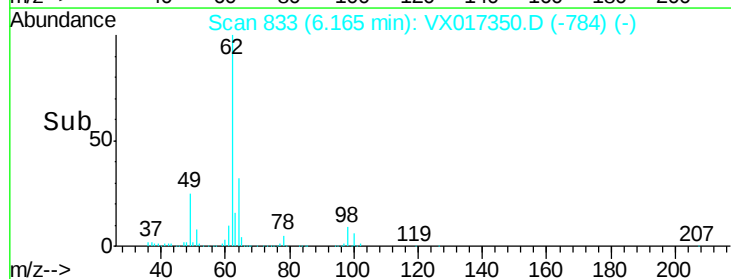
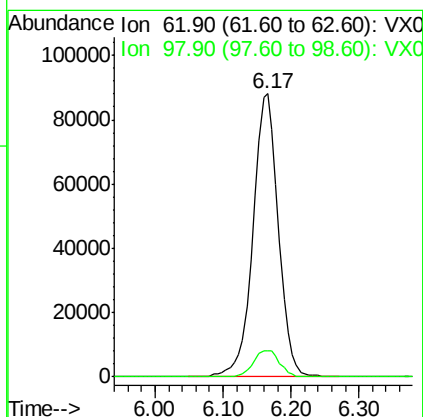
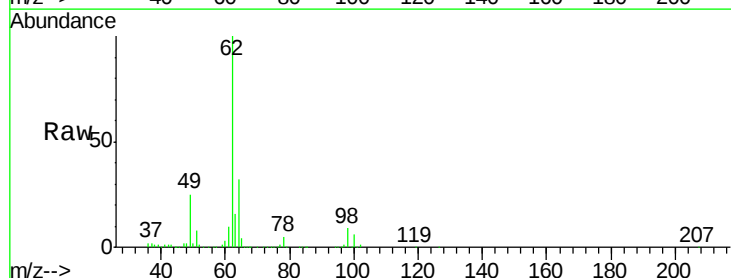
RT: 6.17 min Scan# 833

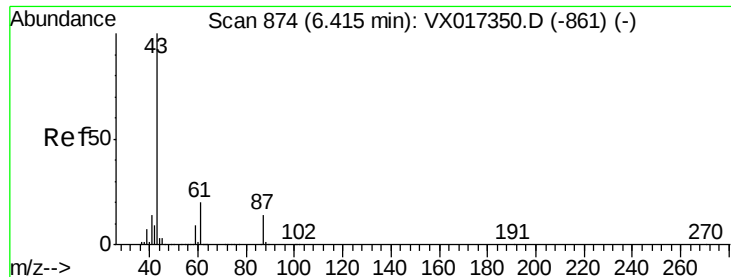
Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.7 | 0.0   | 19.4  |       |





#43

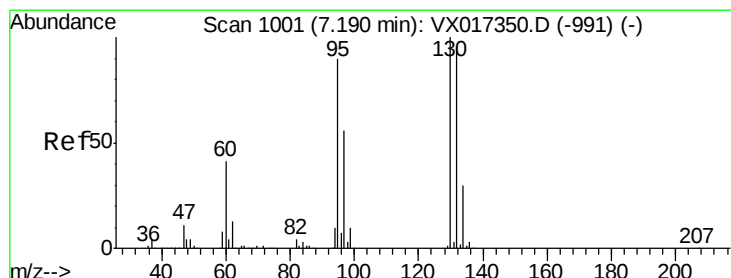
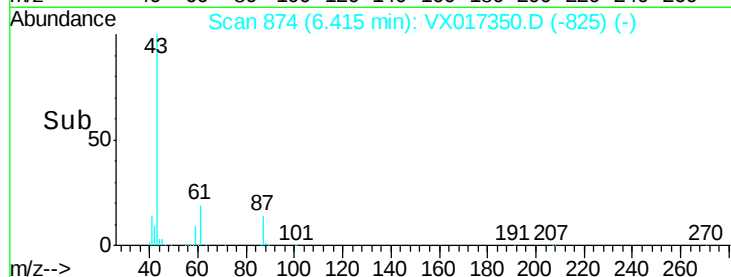
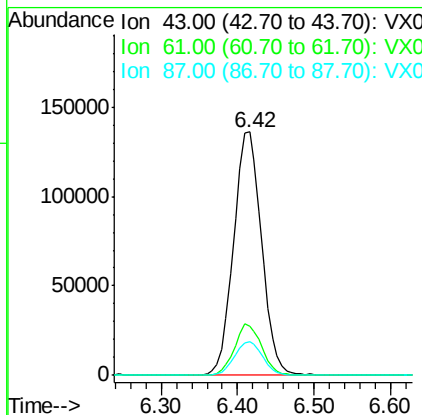
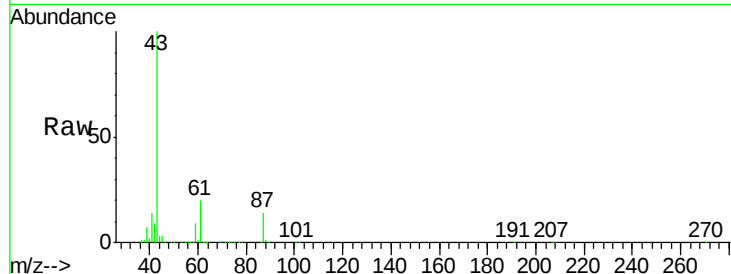
Isopropyl Acetate  
 Concen: 49.644 ug/l  
 RT: 6.42 min Scan# 874  
 Delta R.T. 0.00 min  
 Lab File: VX017350.D  
 Acq: 13 Jul 2020 11:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.5  | 16.4  | 24.6  |
| 87      | 14.0  | 11.2  | 16.8  |

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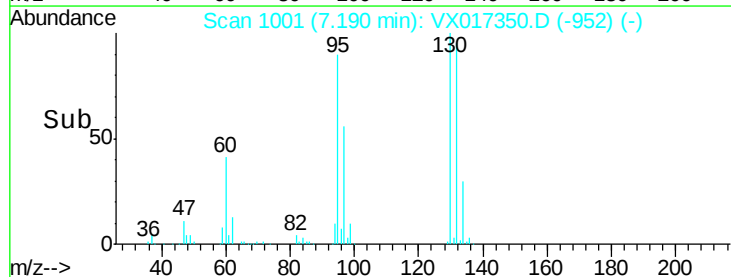
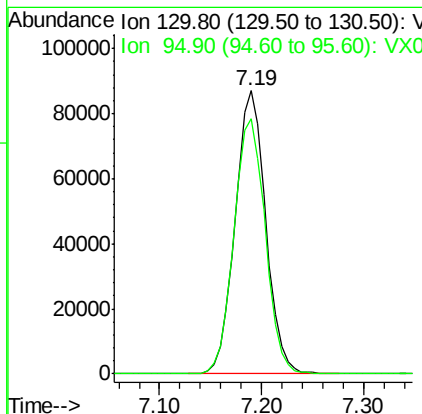
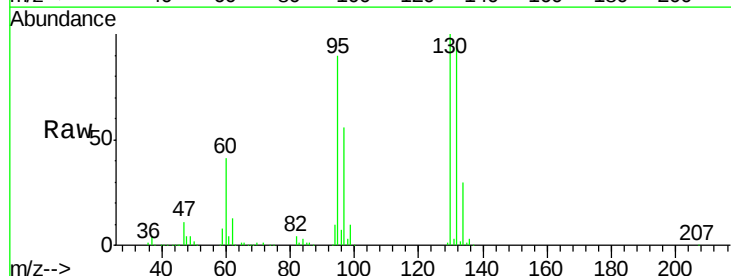
MMDadoda  
 7/14/2020 11:35:49 AM

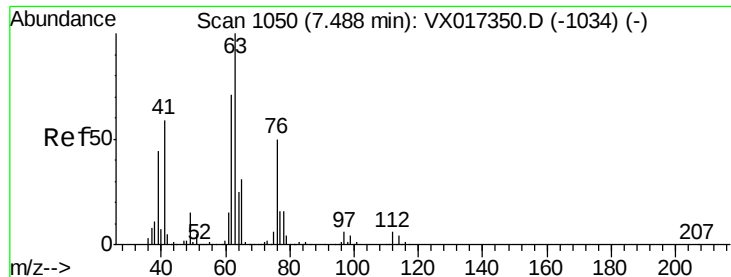


#44

Trichloroethene  
 Concen: 49.244 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. 0.00 min  
 Lab File: VX017350.D  
 Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 90.1  | 0.0   | 180.2 |





#45

1,2-Dichloropropane

Concen: 48.806 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 151667

Ion Ratio Lower Upper

63 100

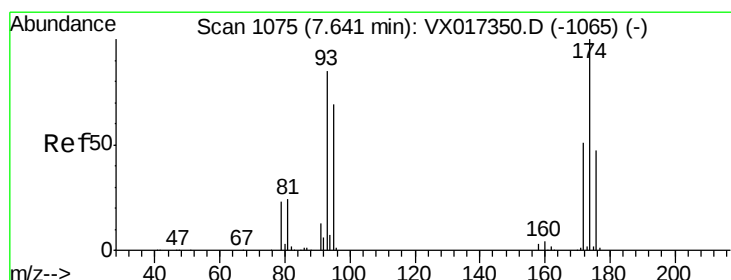
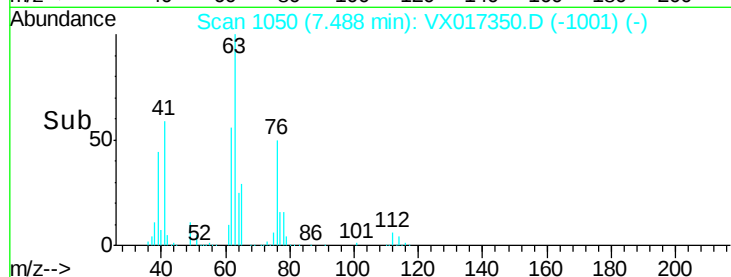
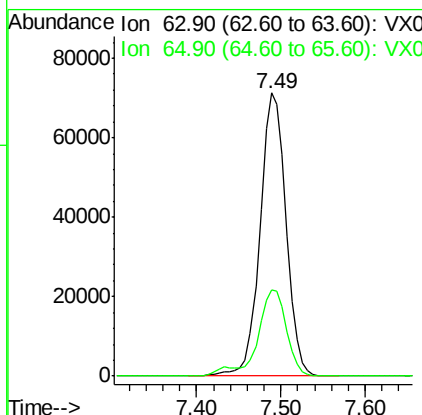
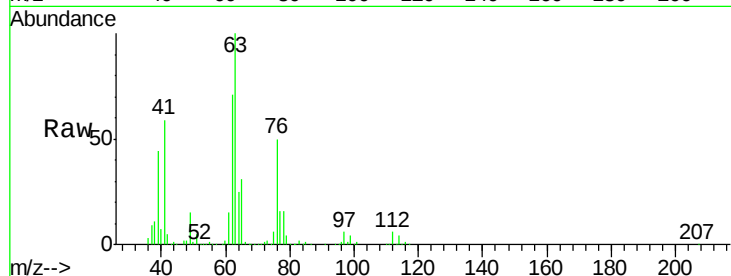
65 30.6 24.5 36.7

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#46

Dibromomethane

Concen: 50.932 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

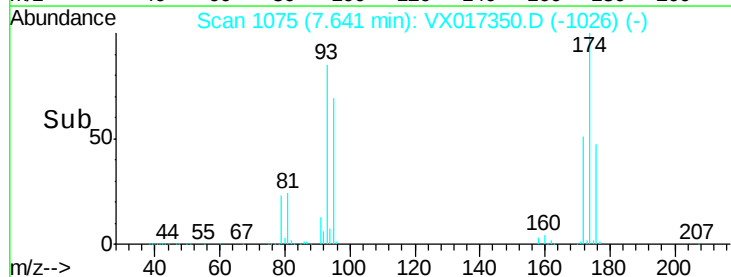
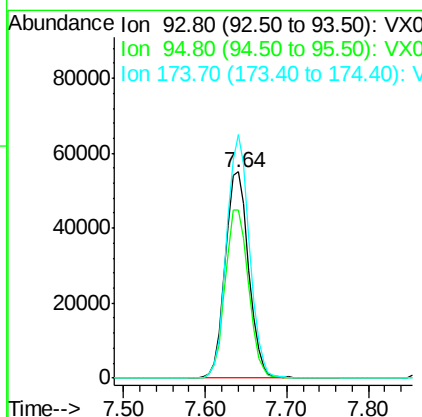
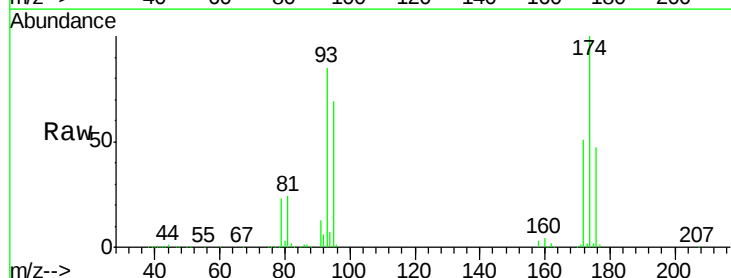
Tgt Ion: 93 Resp: 108777

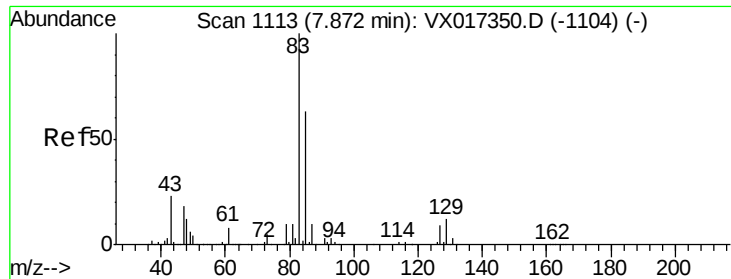
Ion Ratio Lower Upper

93 100

95 81.8 65.4 98.2

174 114.0 91.2 136.8





#47

Bromodichloromethane

Concen: 52.219 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

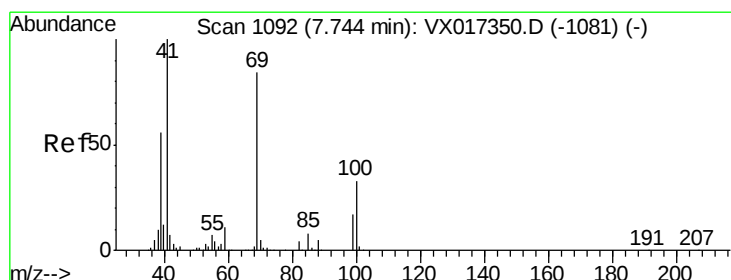
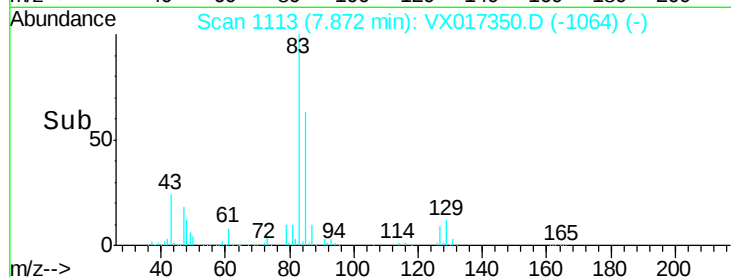
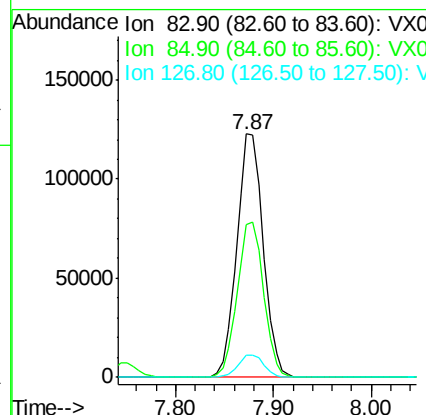
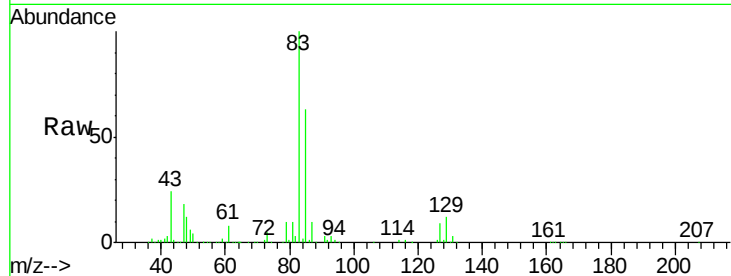
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 230364 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 62.8  | 50.2  | 75.4   |
| 127       | 8.9   | 7.1   | 10.7   |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 52.119 ug/l

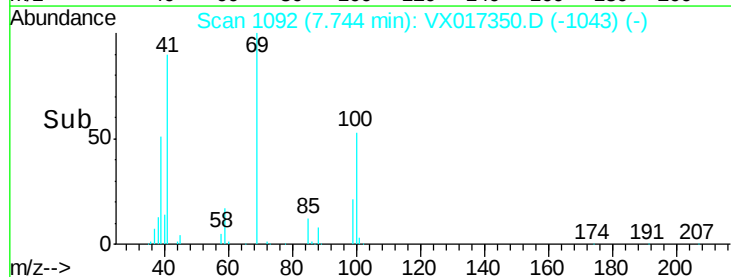
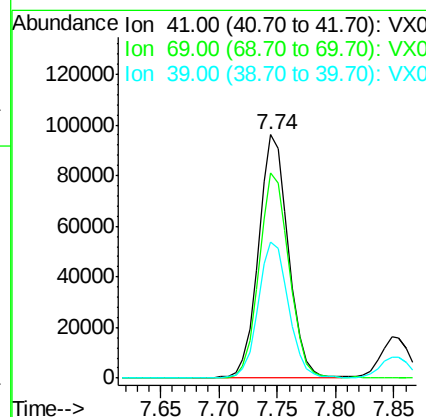
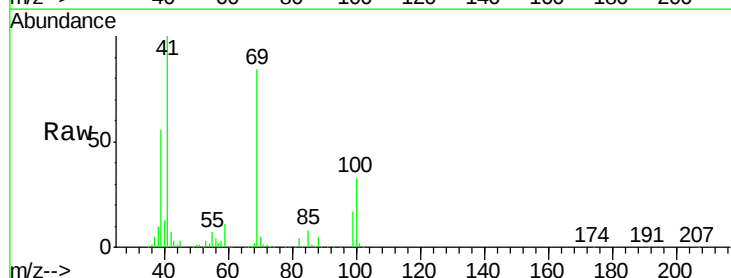
RT: 7.74 min Scan# 1092

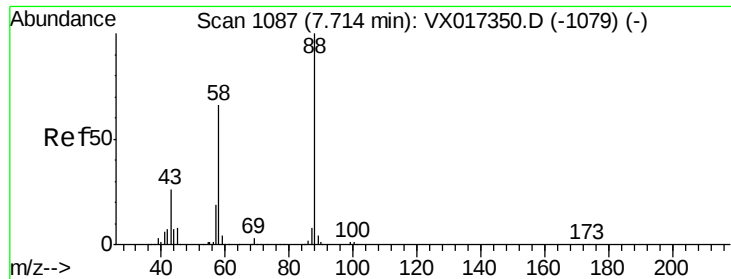
Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 171646 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 84.7  | 67.8  | 101.6  |
| 39        | 56.4  | 45.1  | 67.7   |





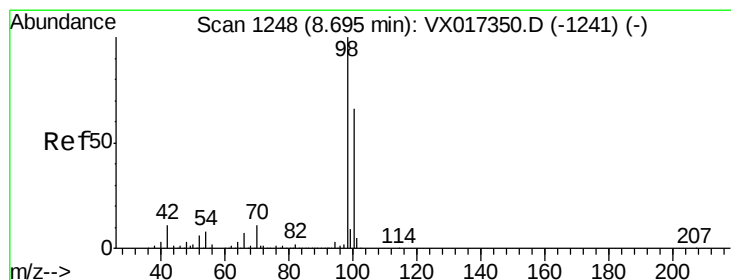
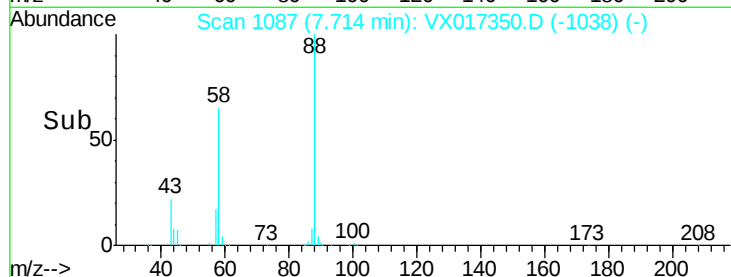
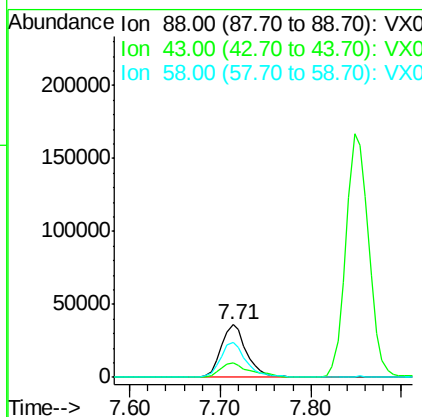
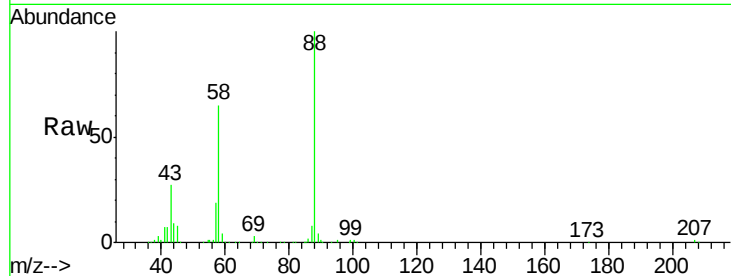
#49  
1,4-Dioxane  
Concen: 956.703 ug/l  
RT: 7.71 min Scan# 1087  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 32.0  | 25.6  | 38.4  |
| 58      | 67.4  | 53.9  | 80.9  |

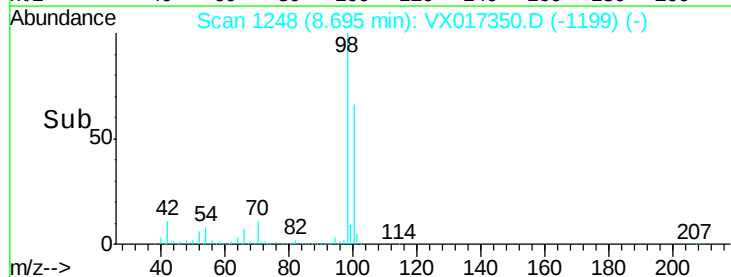
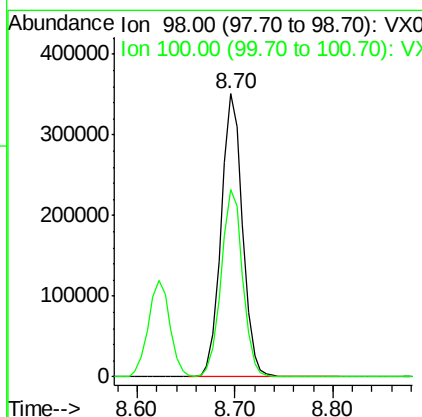
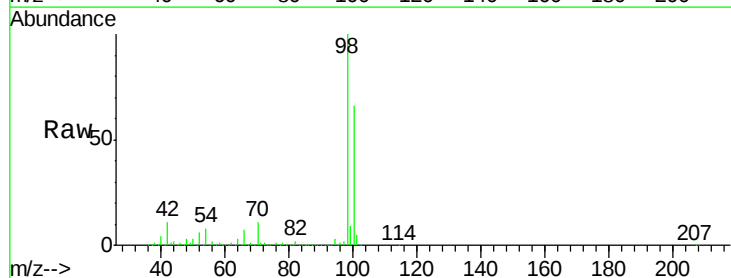
Manual Integrations  
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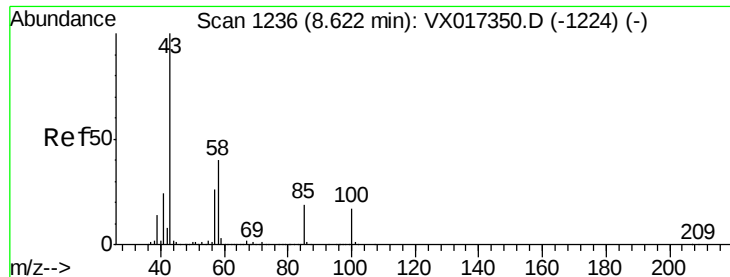
MMDadoda  
7/14/2020 11:35:49 AM



#50  
Toluene-d8  
Concen: 51.096 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.8  | 53.4  | 80.2  |





#51

4-Methyl-2-Pentanone

Concen: 259.782 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1077084

Ion Ratio Lower Upper

43 100

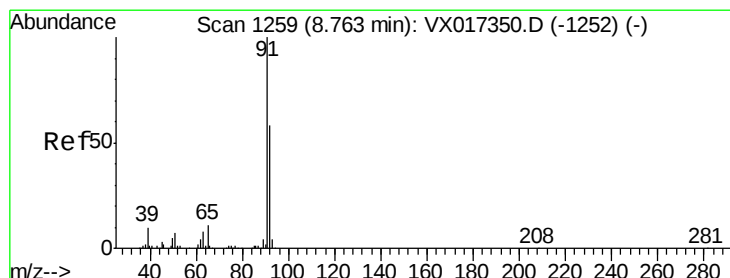
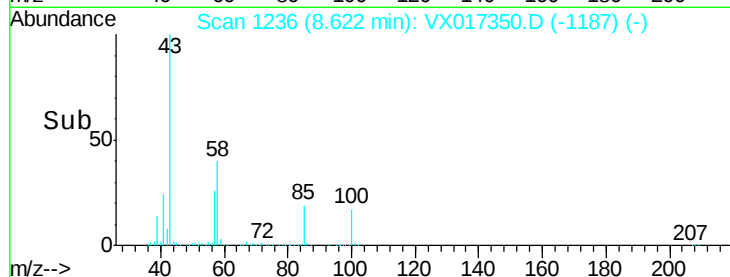
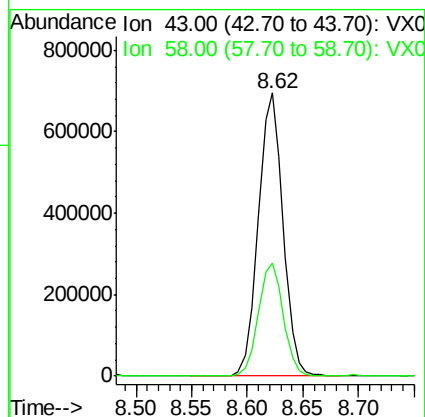
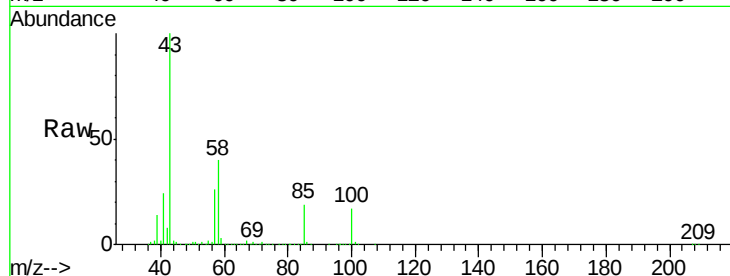
58 40.2 32.2 48.2

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#52

Toluene

Concen: 51.195 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017350.D

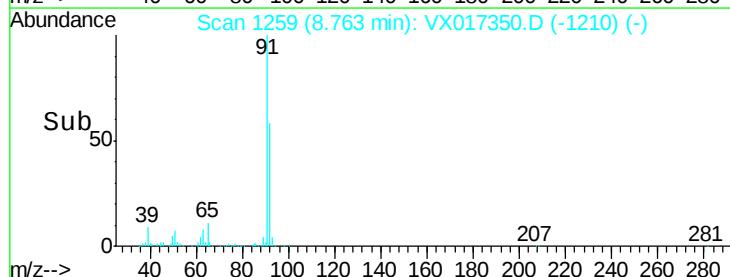
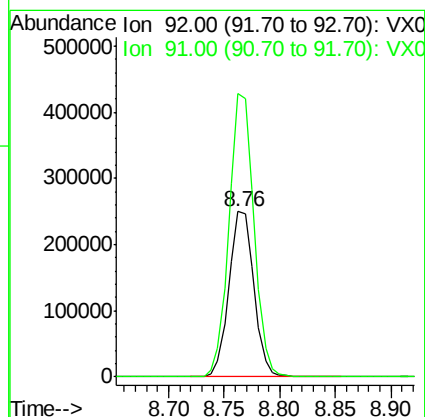
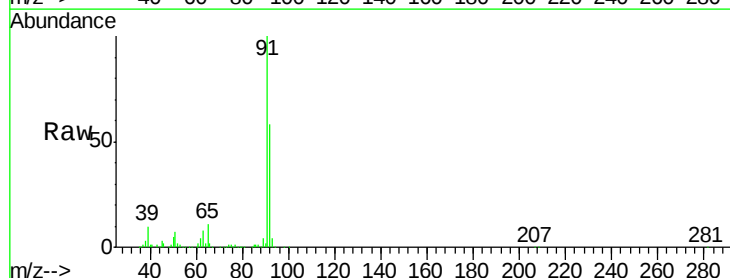
Acq: 13 Jul 2020 11:24

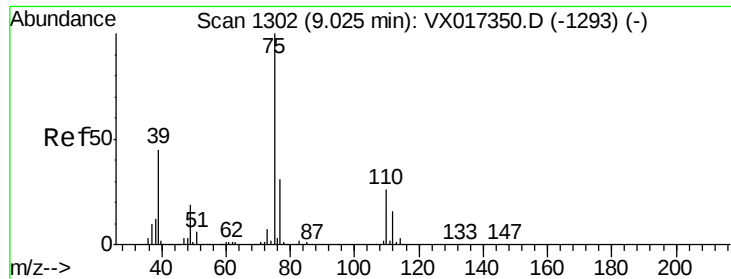
Tgt Ion: 92 Resp: 388795

Ion Ratio Lower Upper

92 100

91 170.9 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 52.199 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Tot Ion: 75 Resp: 253853

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

Instrument :

MSVOA\_X

ClientSampleId :

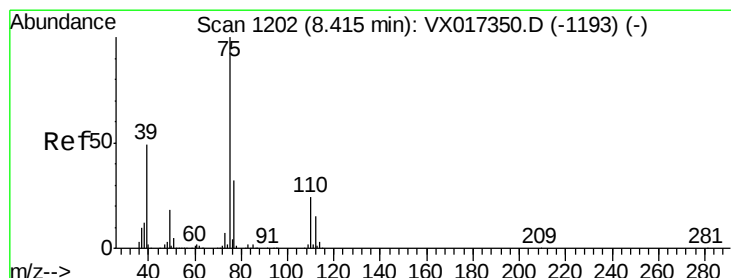
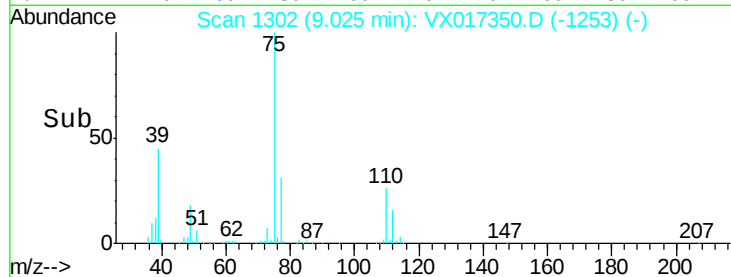
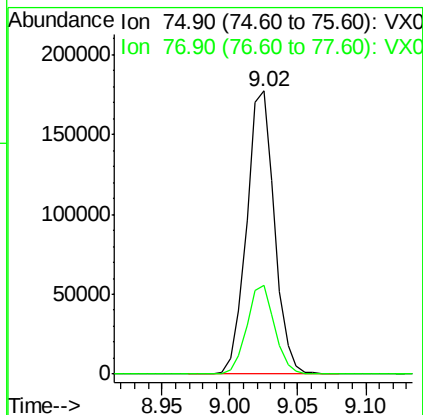
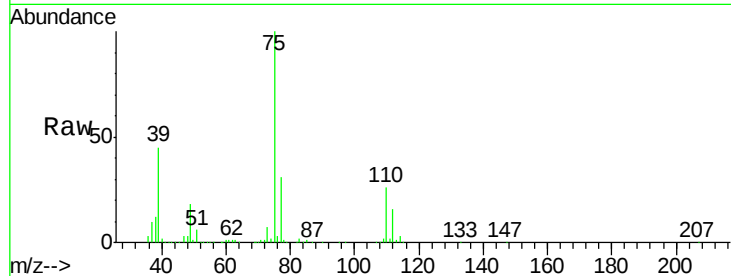
VSTDICCC050

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#54

cis-1,3-Dichloropropene

Concen: 51.684 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

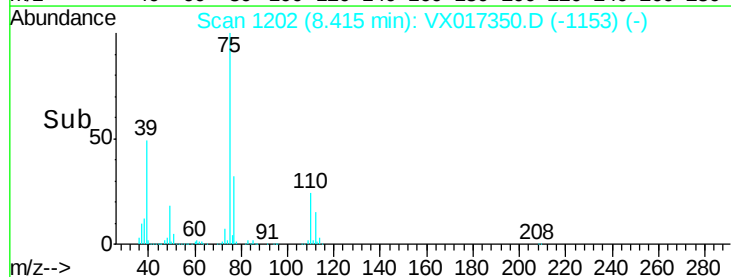
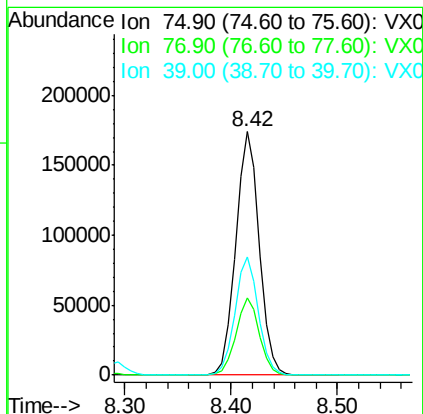
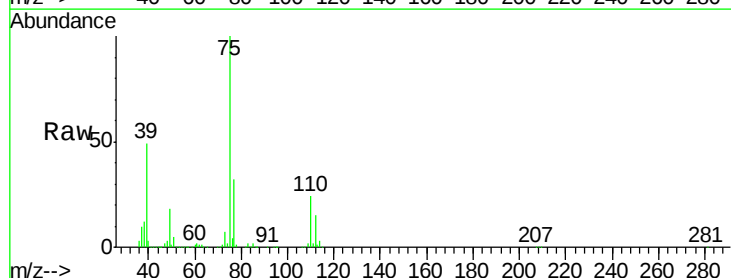
Tgt Ion: 75 Resp: 268905

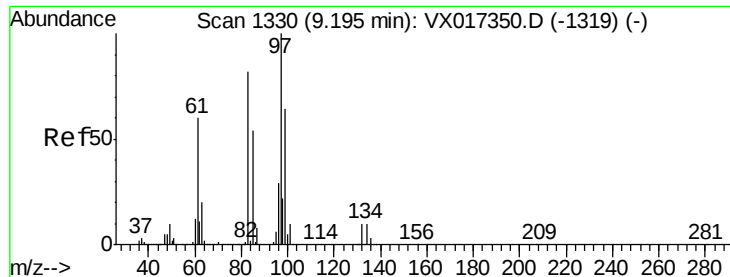
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 48.6 38.9 58.3





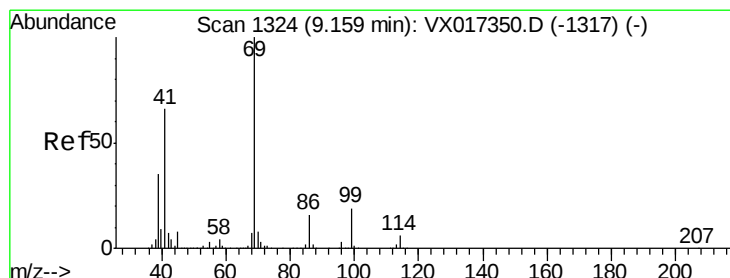
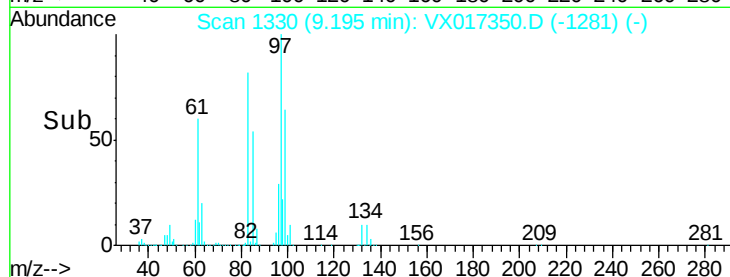
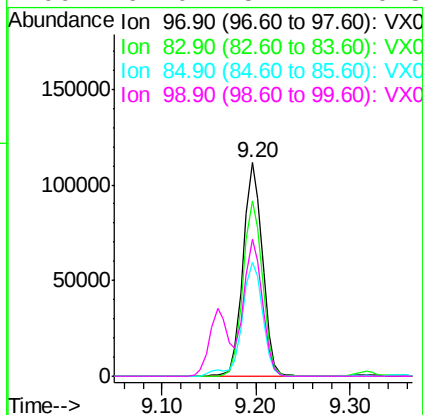
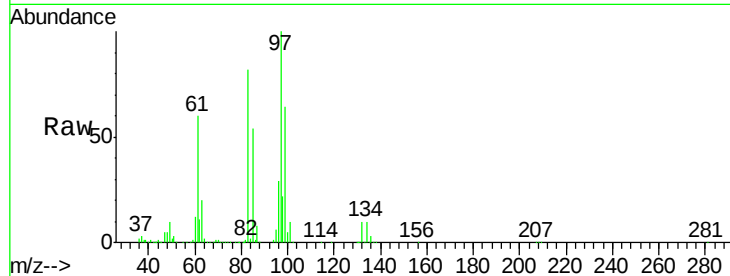
#55  
 1,1,2-Trichloroethane  
 Concen: 51.575 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. 0.00 min  
 Lab File: VX017350.D  
 Acq: 13 Jul 2020 11:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion   | 97    | Resp  | 160777 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 83        | 82.2  | 65.8  | 98.6   |
| 85        | 53.5  | 42.8  | 64.2   |
| 99        | 64.0  | 51.2  | 76.8   |

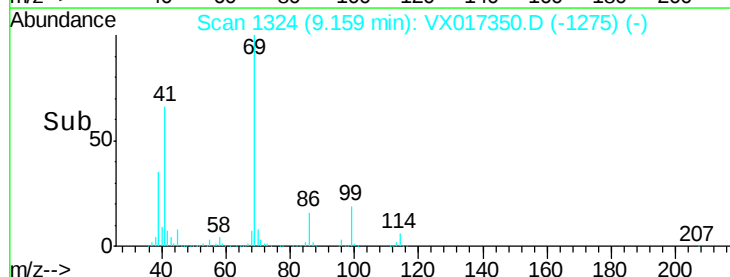
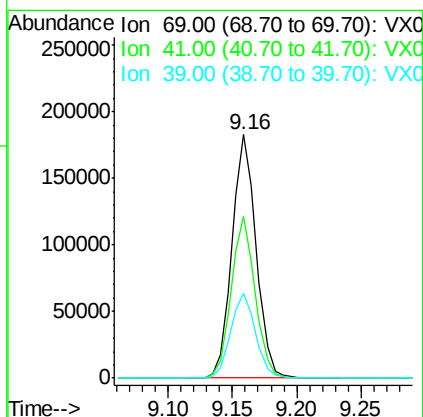
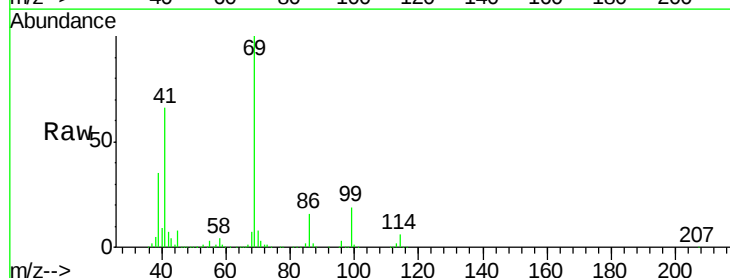
Manual Integrations  
 APPROVED

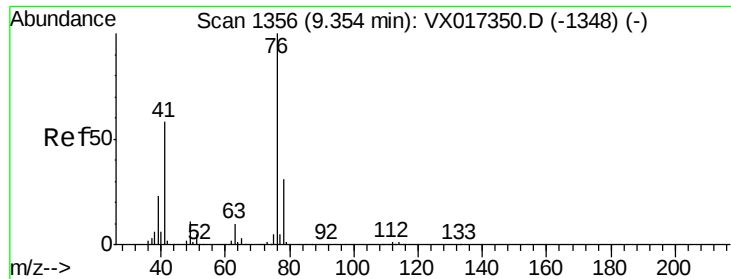
MMDadoda  
 7/14/2020 11:35:49 AM



#56  
 Ethyl methacrylate  
 Concen: 54.217 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. 0.00 min  
 Lab File: VX017350.D  
 Acq: 13 Jul 2020 11:24

| Tgt Ion   | 69    | Resp  | 239673 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 65.7  | 52.6  | 78.8   |
| 39        | 36.0  | 28.8  | 43.2   |





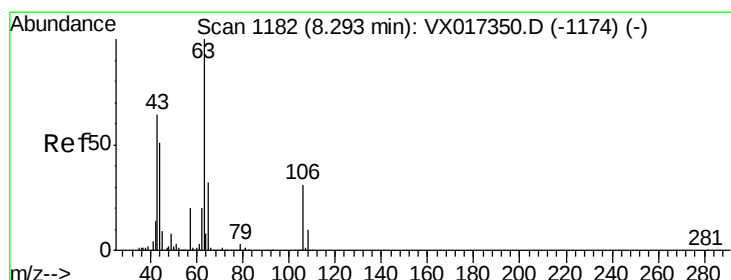
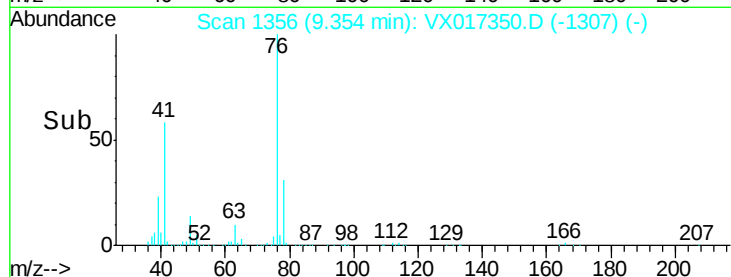
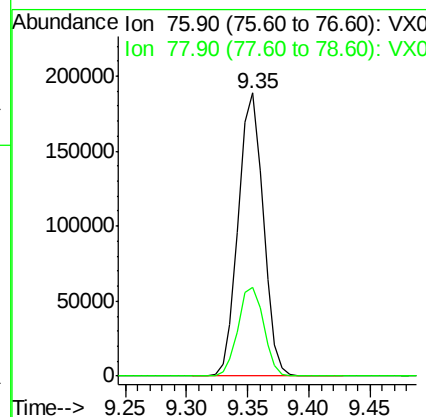
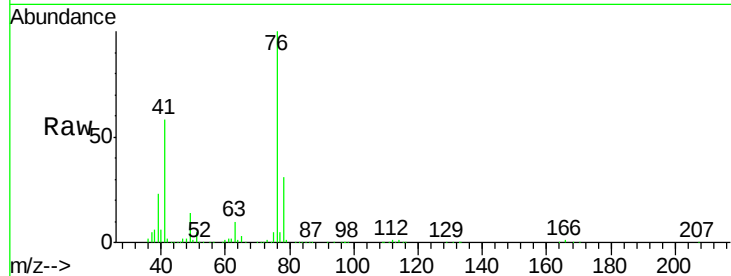
#57  
 1,3-Dichloropropane  
 Concen: 50.696 ug/l  
 RT: 9.35 min Scan# 1356  
 Delta R.T. 0.00 min  
 Lab File: VX017350.D  
 Acq: 13 Jul 2020 11:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.2  | 25.8  | 38.6  |

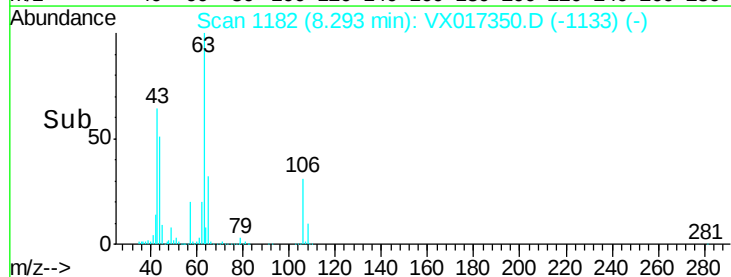
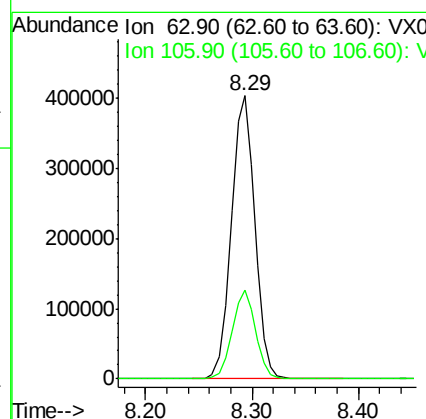
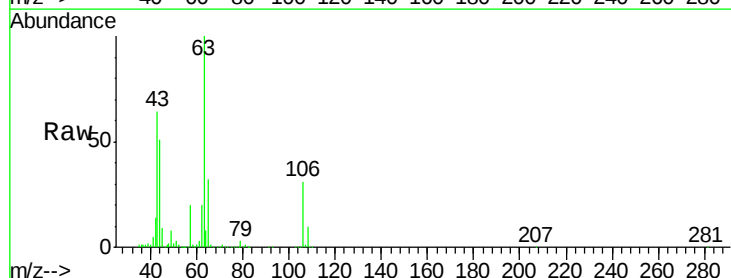
Manual Integrations  
 APPROVED

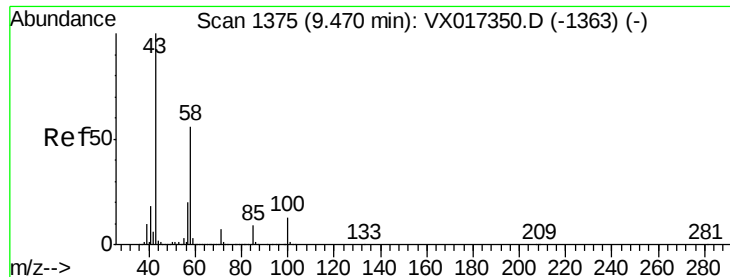
MMDadoda  
 7/14/2020 11:35:49 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 283.017 ug/l  
 RT: 8.29 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: VX017350.D  
 Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 31.0  | 24.8  | 37.2  |





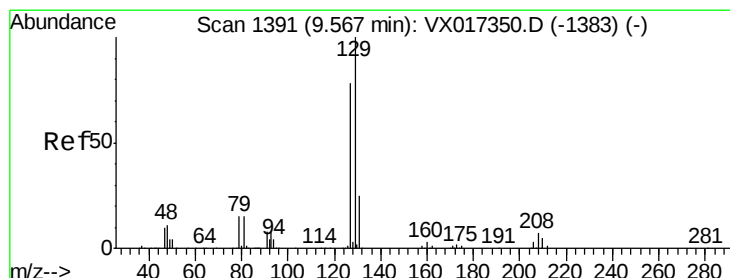
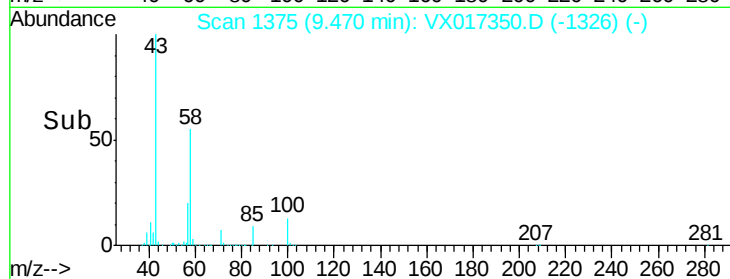
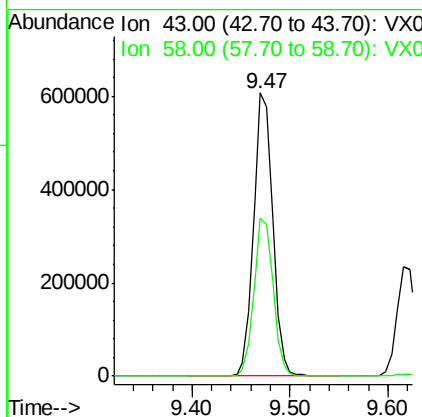
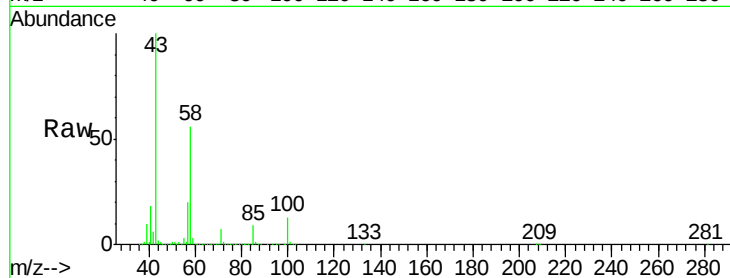
#59  
2-Hexanone  
Concen: 271.476 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tot Ion: 43 Resp: 826633  
Ion Ratio Lower Upper  
43 100  
58 56.2 28.1 84.3

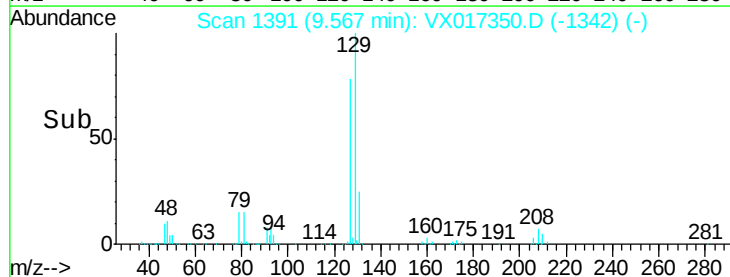
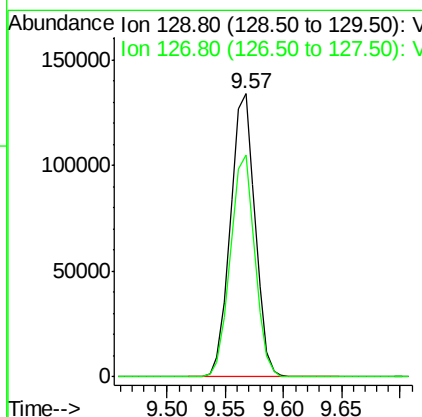
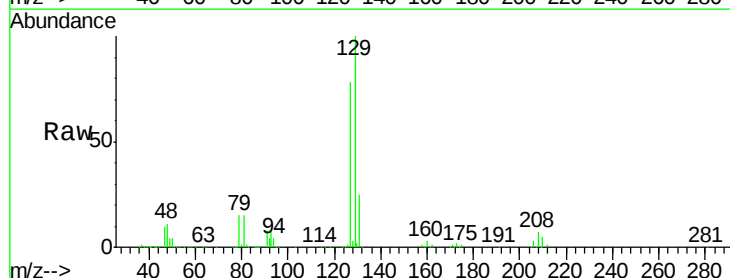
Manual Integrations  
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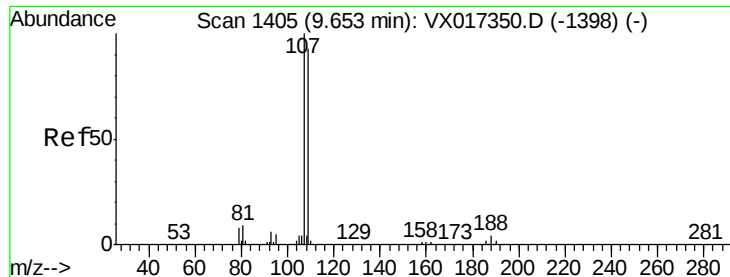
MMDadoda  
7/14/2020 11:35:49 AM



#60  
Dibromochloromethane  
Concen: 54.207 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

Tgt Ion: 129 Resp: 197824  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 52.421 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 175897

Ion Ratio Lower Upper

107 100

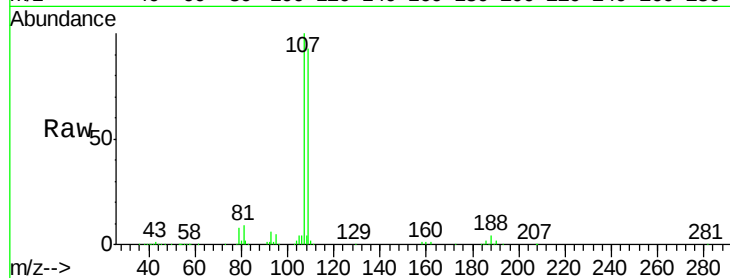
109 93.7 75.0 112.4

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

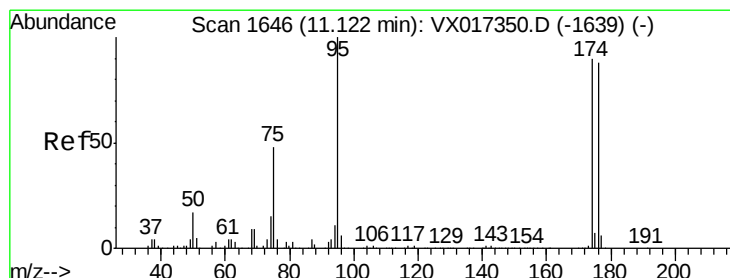
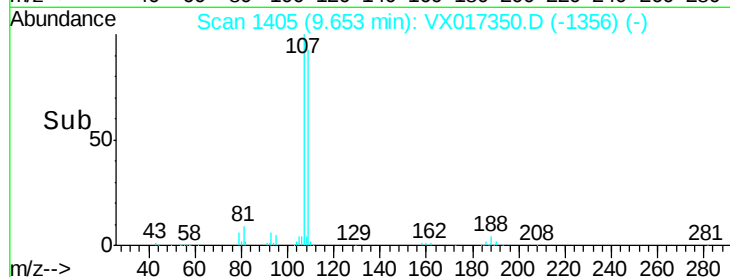
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.914 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

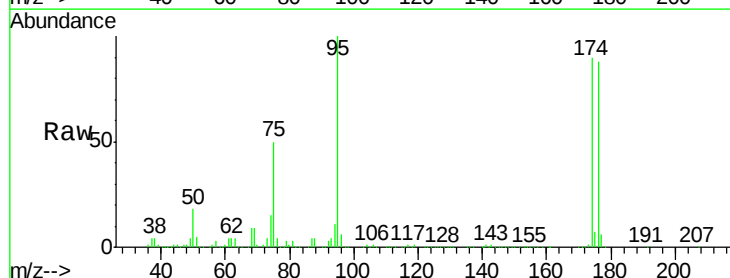
Tgt Ion: 95 Resp: 211777

Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.8

176 82.3 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

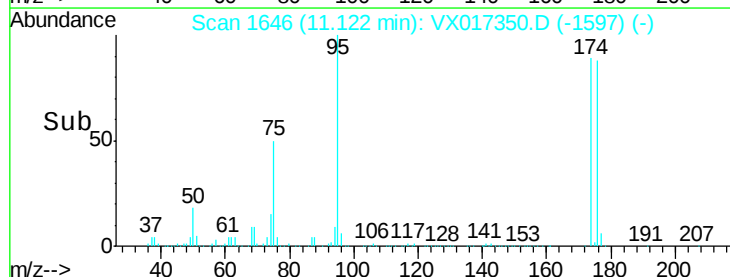
150000

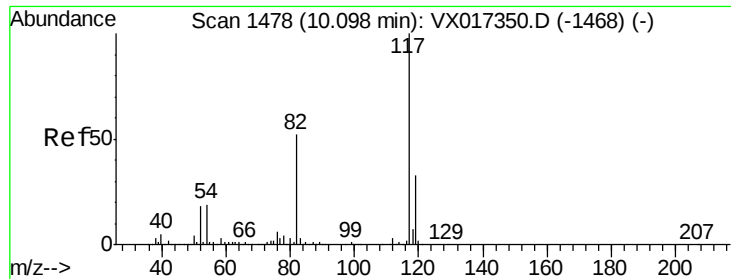
100000

50000

0

Time-->





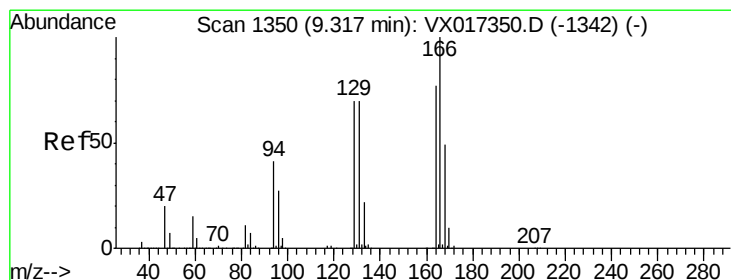
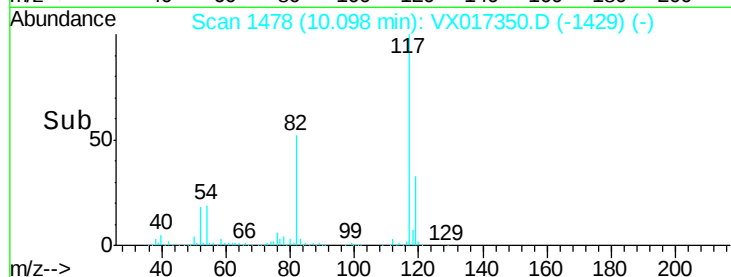
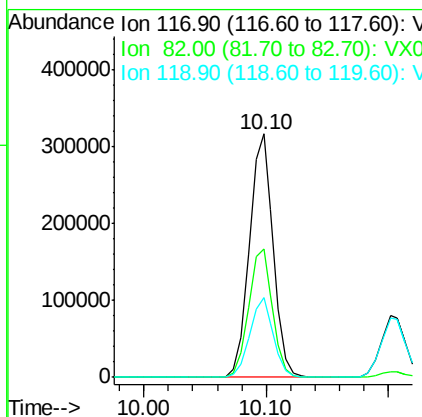
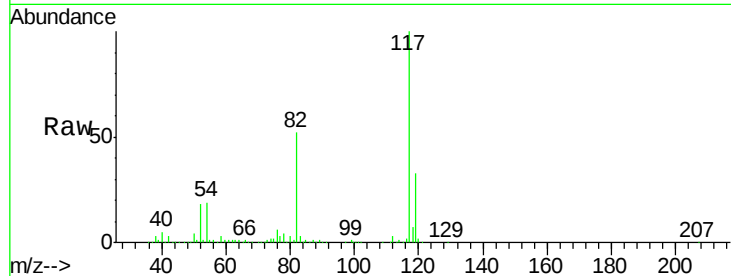
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 427884 |       |       |
| 82      | 52.5  |        | 42.0  | 63.0  |
| 119     | 32.9  |        | 26.3  | 39.5  |

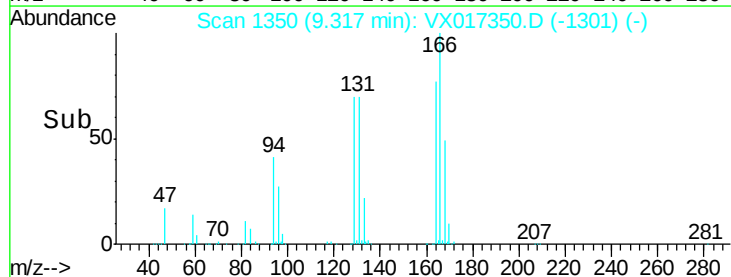
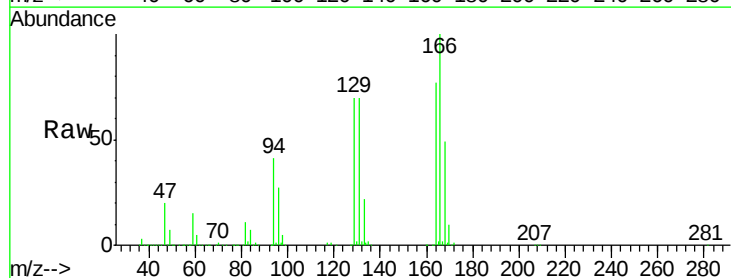
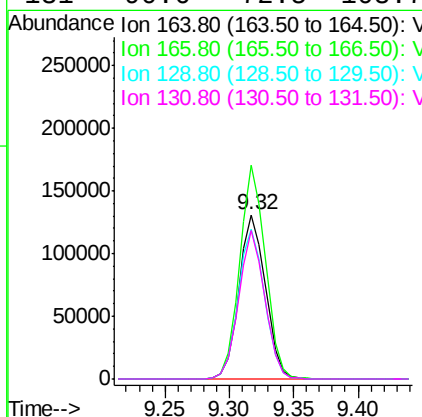
Manual Integrations  
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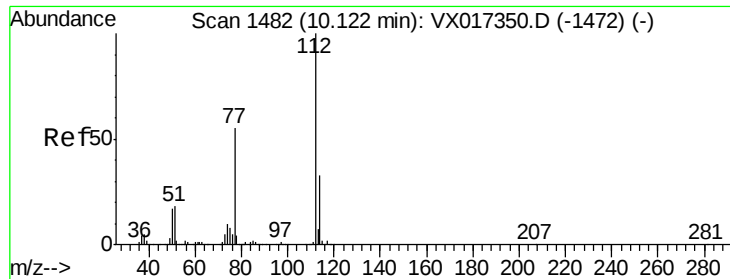
MMDadoda  
7/14/2020 11:35:49 AM



#64  
Tetrachloroethene  
Concen: 53.008 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 185667 |       |       |
| 166     | 129.9 |        | 103.9 | 155.9 |
| 129     | 91.1  |        | 72.9  | 109.3 |
| 131     | 90.6  |        | 72.5  | 108.7 |





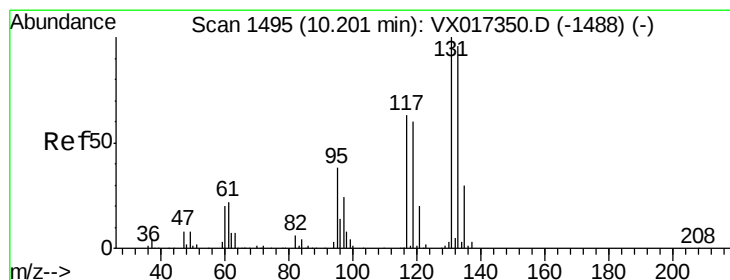
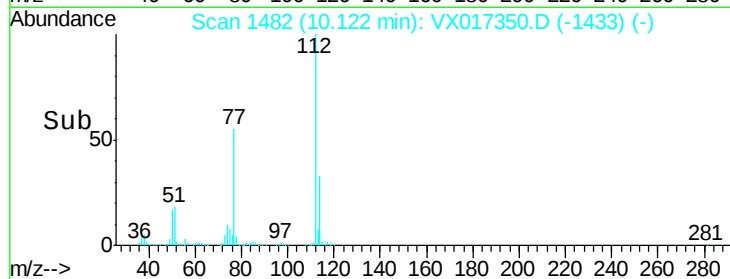
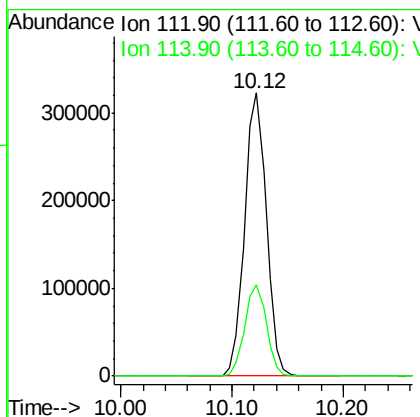
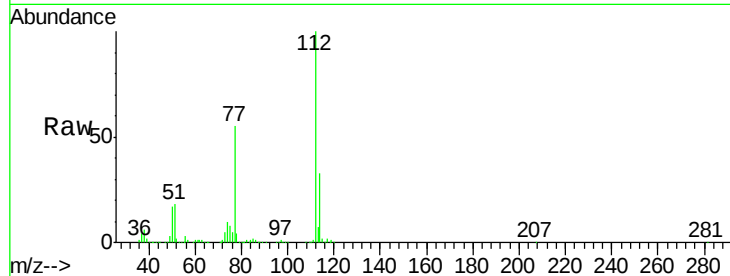
#65  
Chlorobenzene  
Concen: 49.600 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.5  | 26.0  | 39.0  |

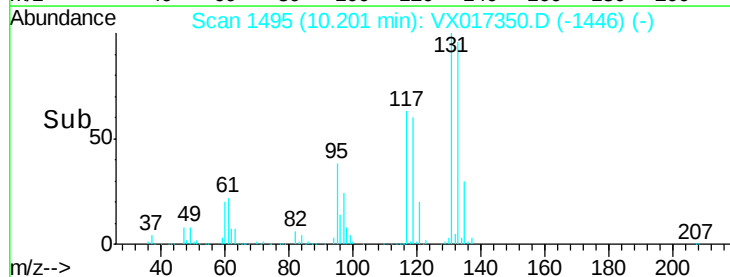
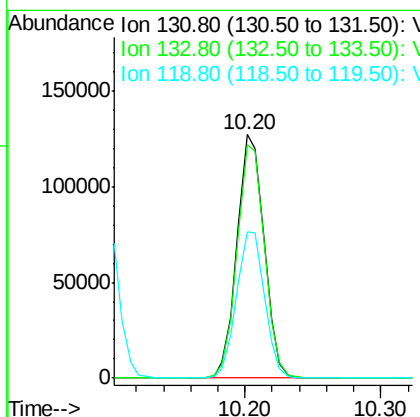
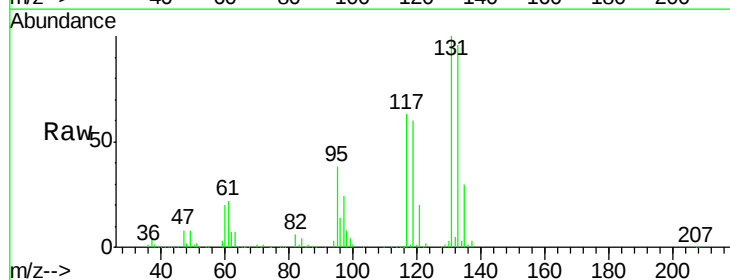
Manual Integrations  
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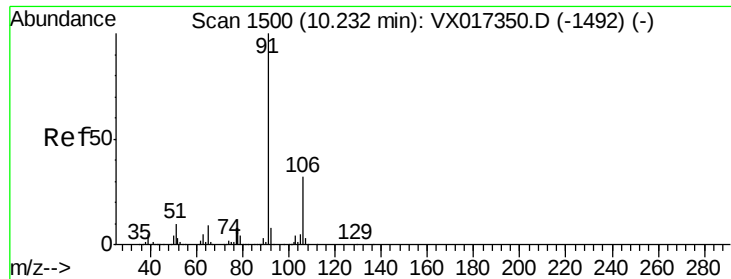
MMDadoda  
7/14/2020 11:35:49 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.549 ug/l  
RT: 10.20 min Scan# 1495  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 96.8  | 48.4  | 145.2 |
| 119     | 62.4  | 31.2  | 93.6  |





#67

Ethyl Benzene

Concen: 51.556 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 759580

Ion Ratio Lower Upper

91 100

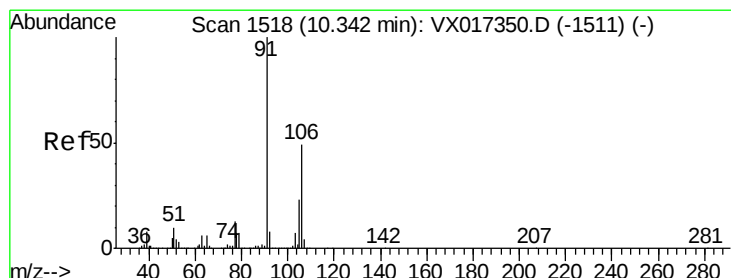
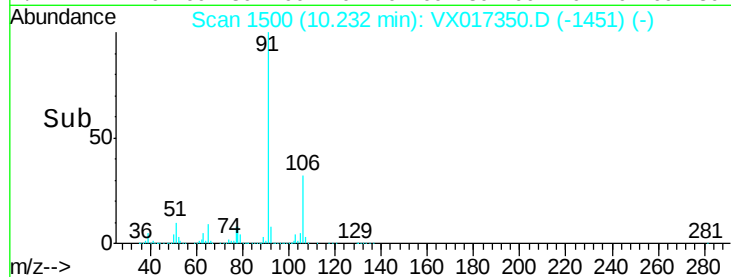
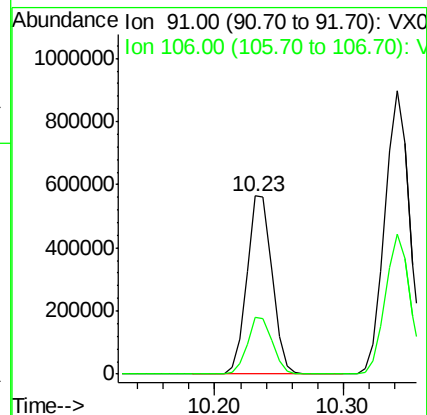
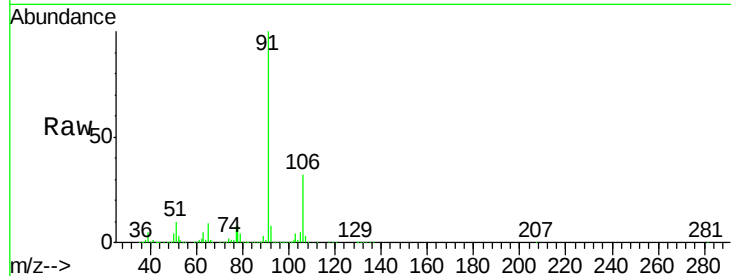
106 32.1 25.7 38.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 103.940 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017350.D

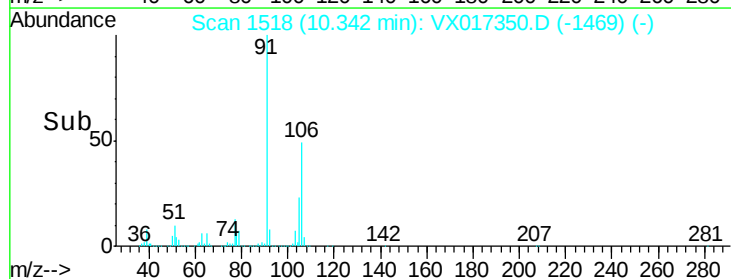
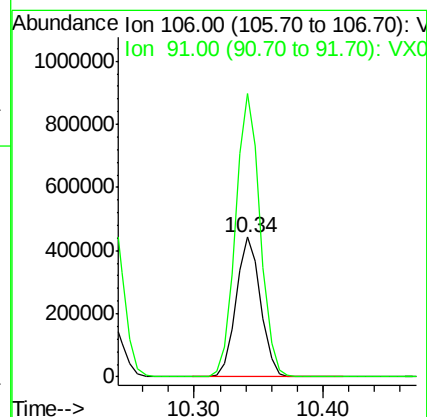
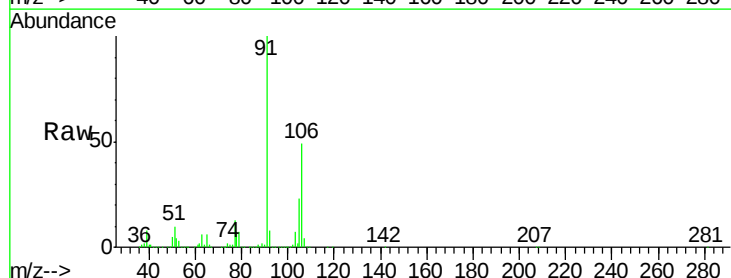
Acq: 13 Jul 2020 11:24

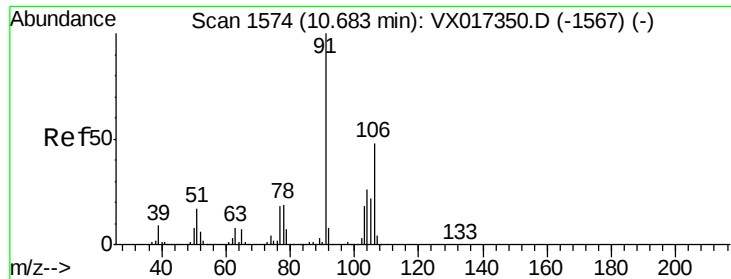
Tgt Ion: 106 Resp: 587888

Ion Ratio Lower Upper

106 100

91 203.1 162.5 243.7





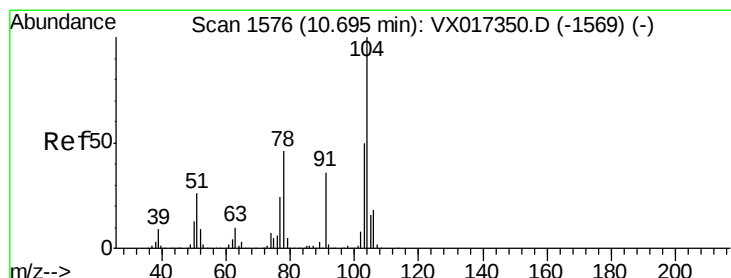
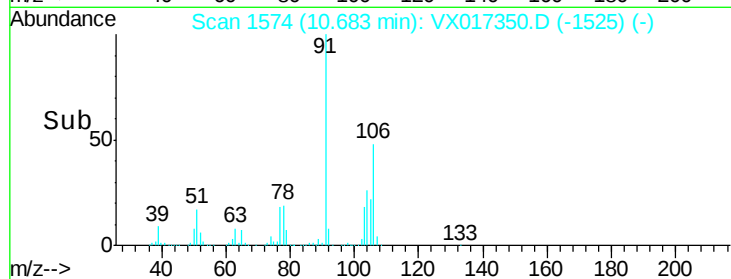
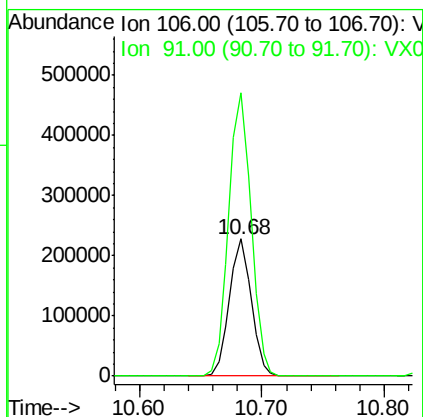
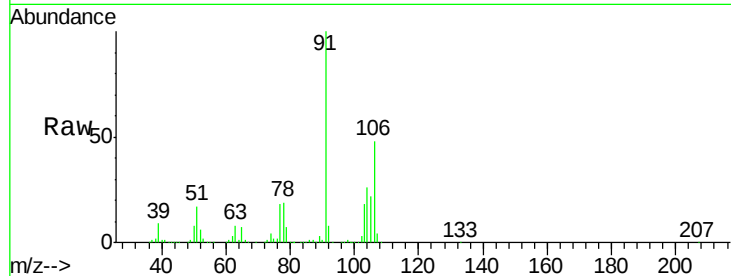
#69  
o-Xylene  
Concen: 52.268 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDICCC050

| Tot Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 282108  | 106 | 100   |       |       |       |
|         | 91  | 212.1 | 106.1 | 318.1 |       |

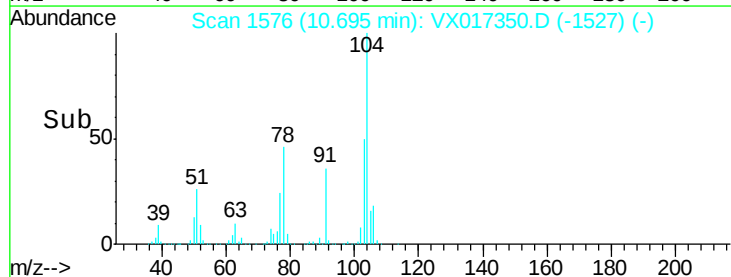
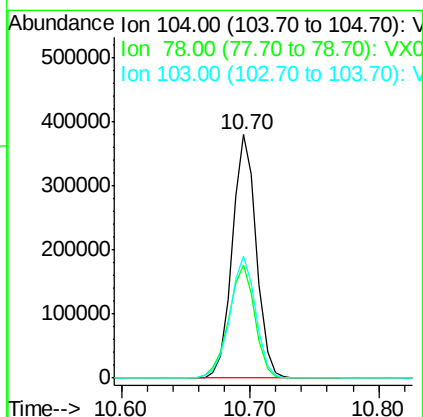
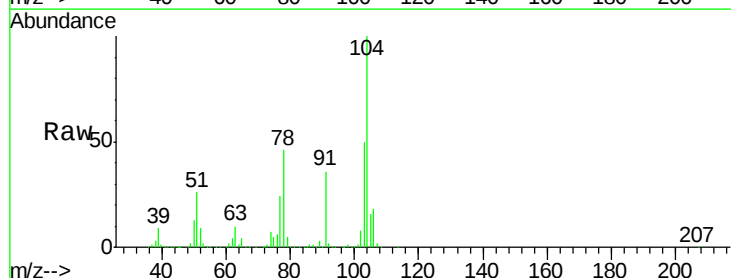
Manual Integrations  
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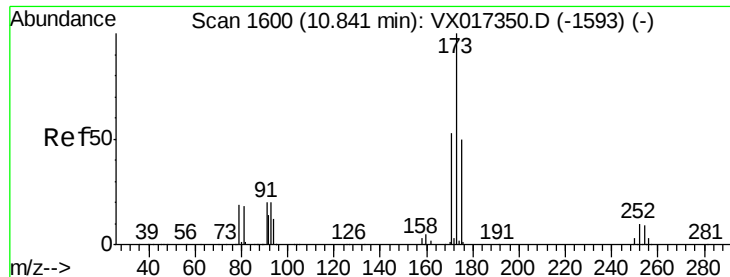
MMDadoda  
7/14/2020 11:35:49 AM



#70  
Styrene  
Concen: 53.705 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 492908  | 104 | 100   |      |       |       |
|         | 78  | 51.0  | 40.8 | 61.2  |       |
|         | 103 | 54.1  | 43.3 | 64.9  |       |





#71

Bromoform

Concen: 56.852 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

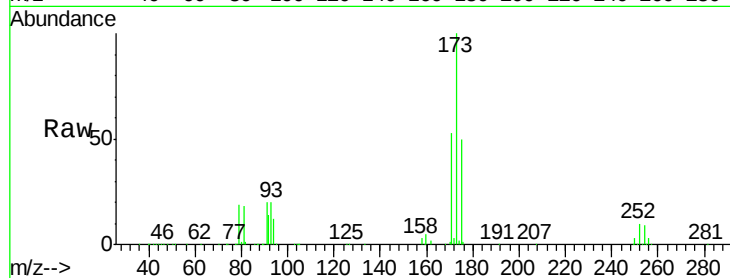
ClientSampleId :

VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.4  | 24.7  | 74.1  |
| 254     | 0.1   | 0.1   | 0.1#  |

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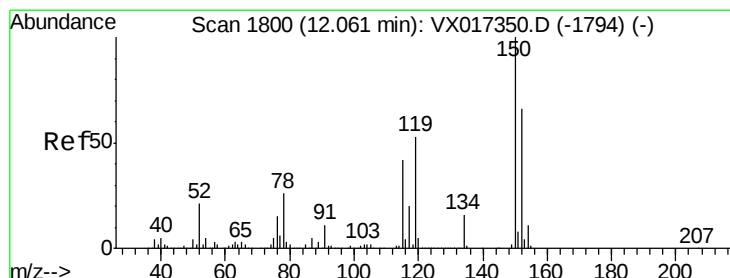
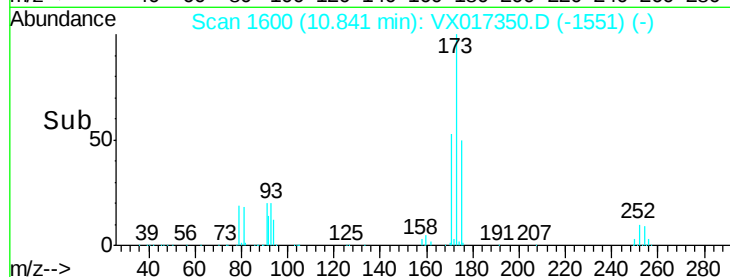
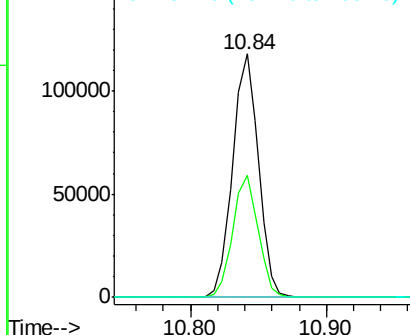


Abundance

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

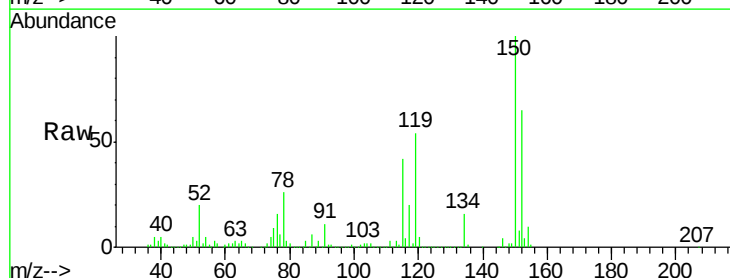
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 79.8  | 39.9  | 119.7 |
| 150     | 171.7 | 0.0   | 343.4 |

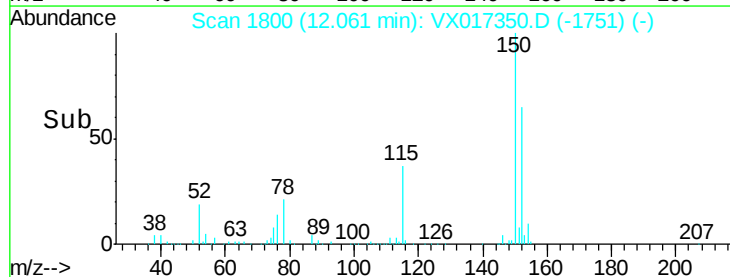
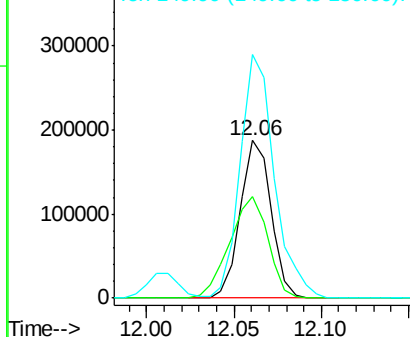


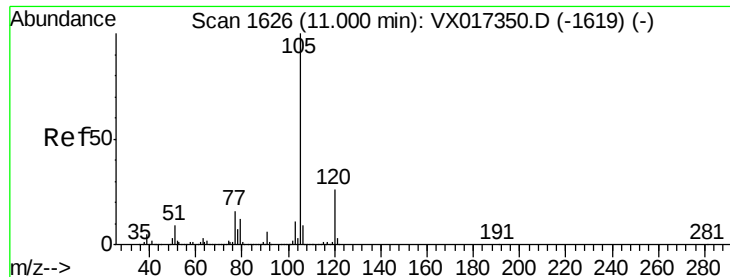
Abundance

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: 51.775 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 777887

Ion Ratio Lower Upper

105 100

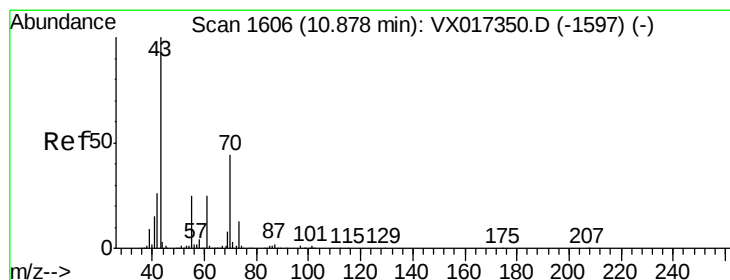
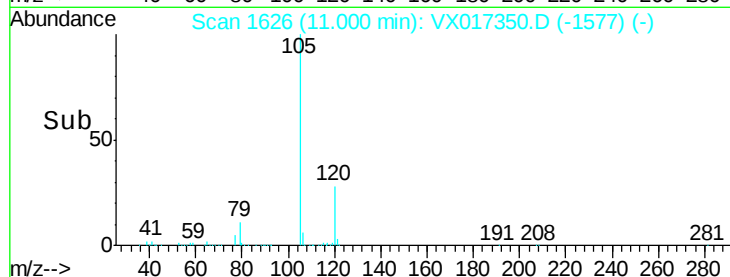
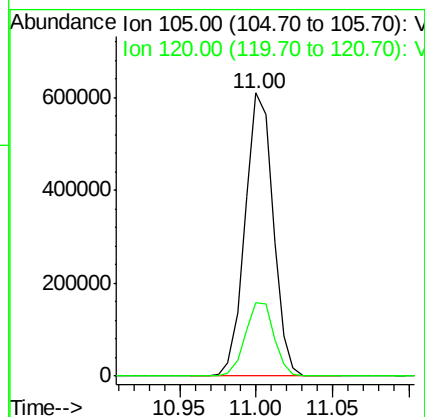
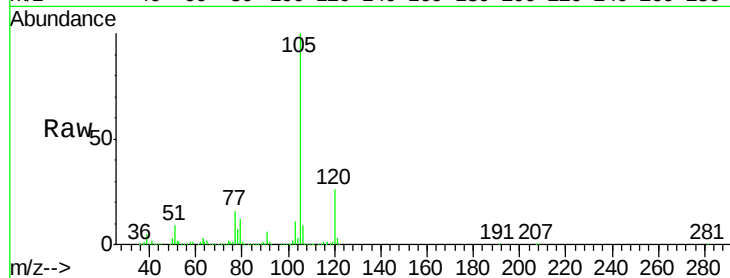
120 26.5 13.3 39.8

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#74

N-ethyl acetate

Concen: 50.743 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Tgt Ion: 43 Resp: 321411

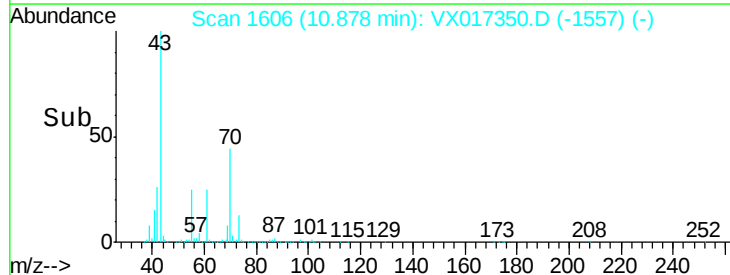
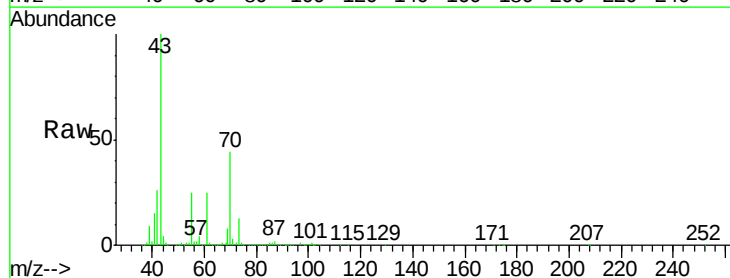
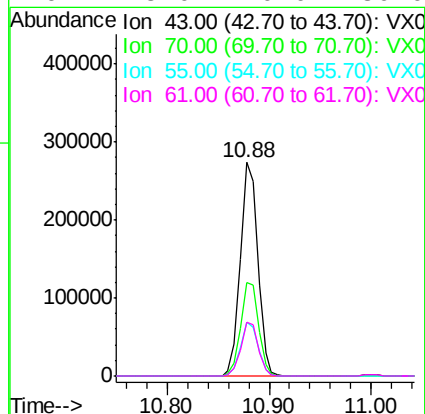
Ion Ratio Lower Upper

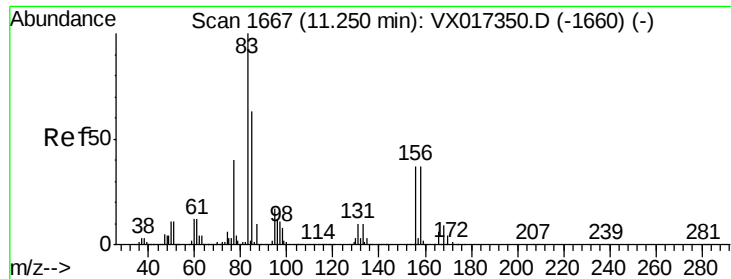
43 100

70 44.6 35.7 53.5

55 25.4 20.3 30.5

61 25.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.860 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 224877

Ion Ratio Lower Upper

83 100

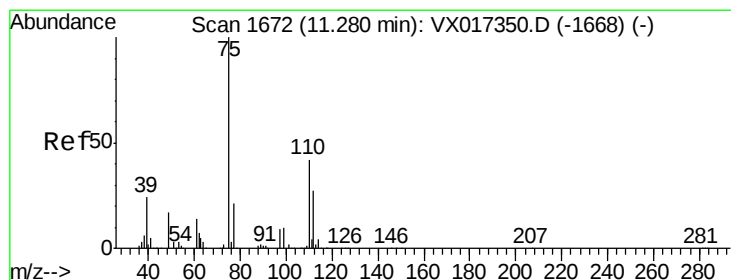
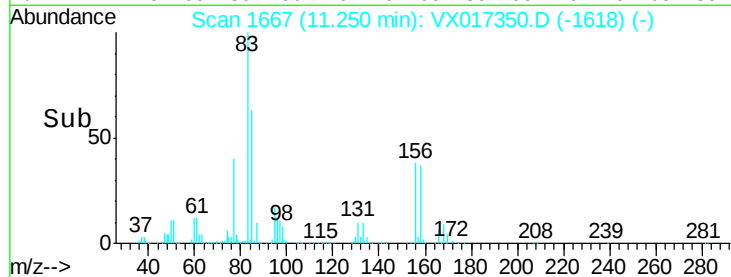
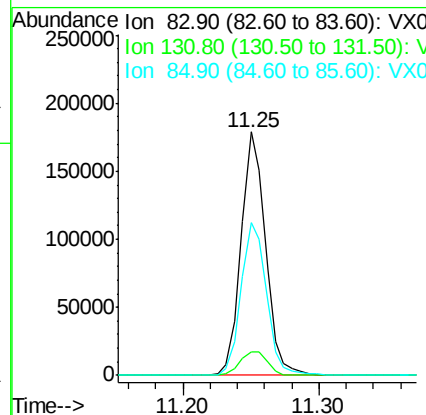
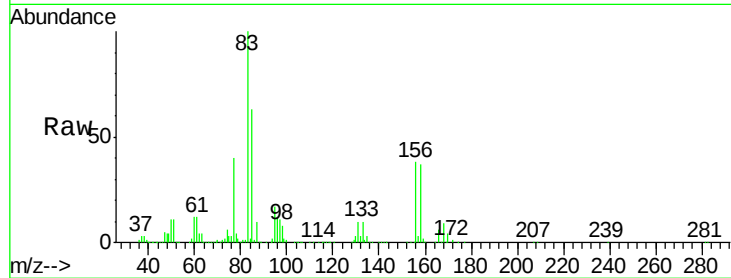
131 11.1 5.5 16.7

85 65.3 32.6 98.0

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#76

1,2,3-Trichloropropane

Concen: 50.107 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017350.D

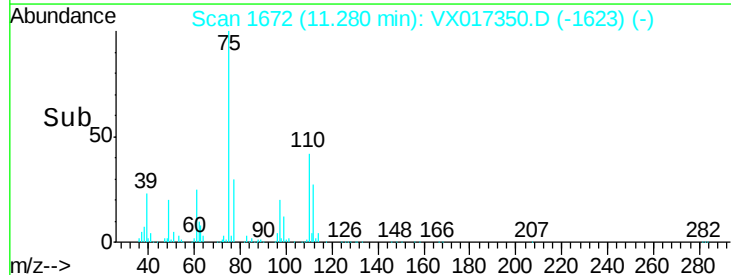
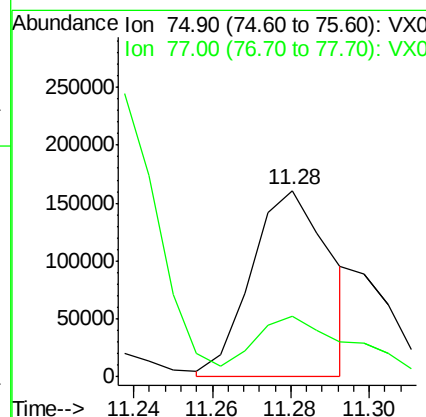
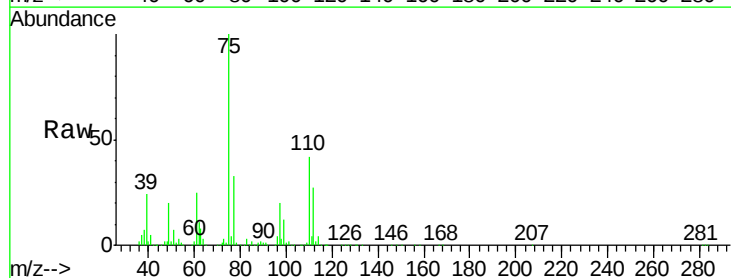
Acq: 13 Jul 2020 11:24

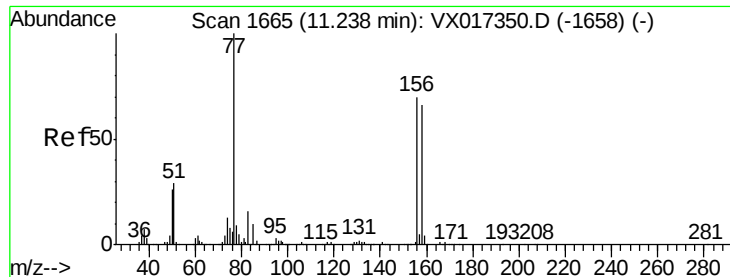
Tgt Ion: 75 Resp: 224739

Ion Ratio Lower Upper

75 100

77 40.6 20.3 60.9





#77

Bromobenzene

Concen: 51.527 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

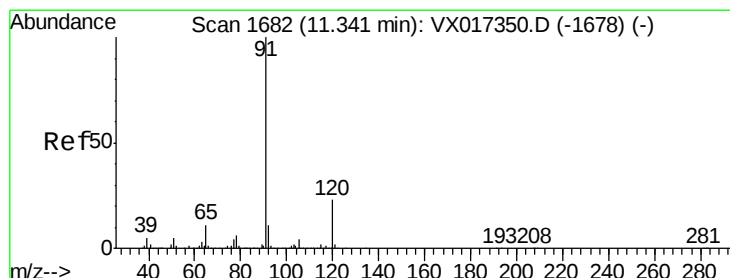
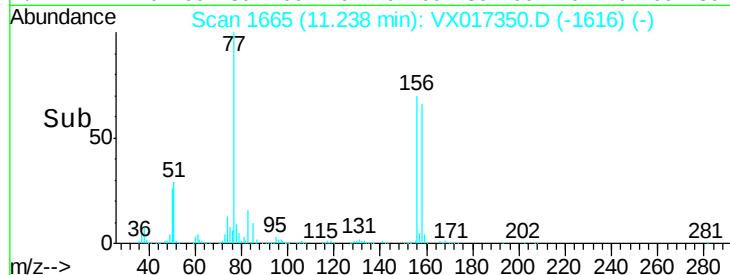
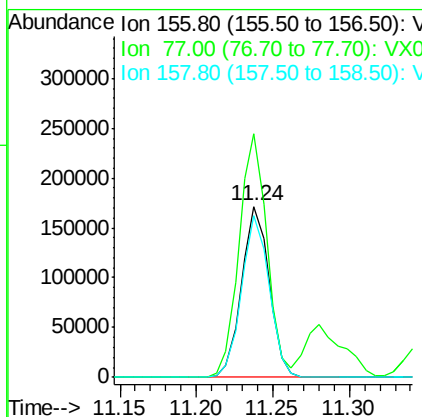
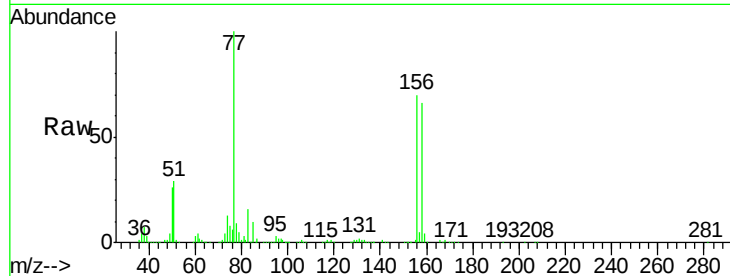
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 214528 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 144.2 | 72.1  | 216.3  |
| 158       | 94.9  | 47.4  | 142.3  |

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#78

n-propylbenzene

Concen: 52.025 ug/l

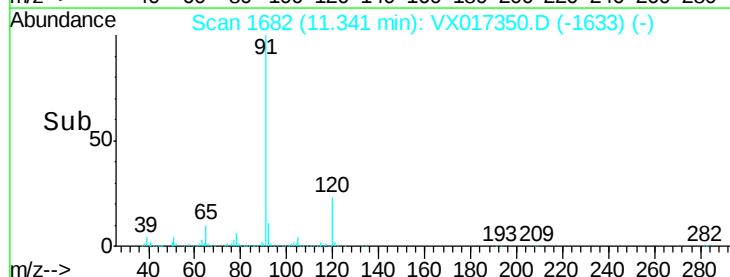
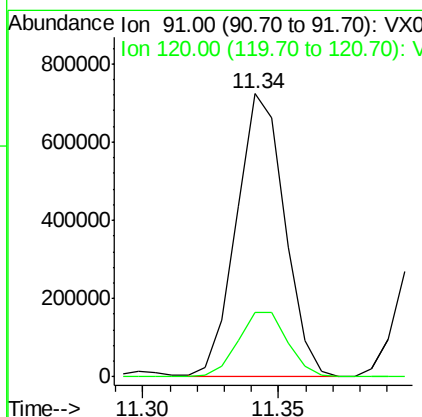
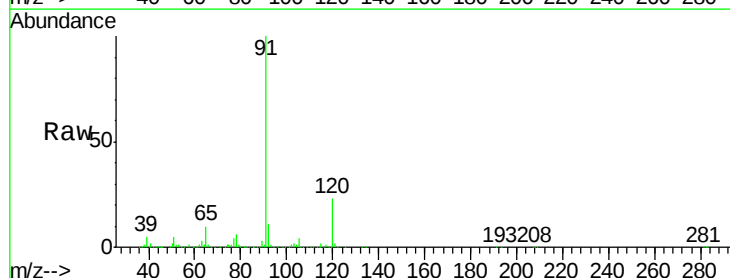
RT: 11.34 min Scan# 1682

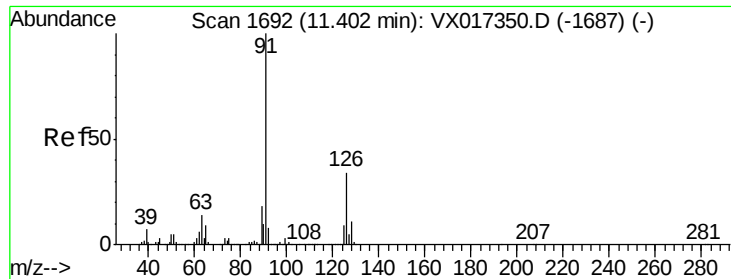
Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 884521 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.9  | 11.9  | 35.9   |





#79

2-Chlorotoluene

Concen: 51.561 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 530486

Ion Ratio Lower Upper

91 100

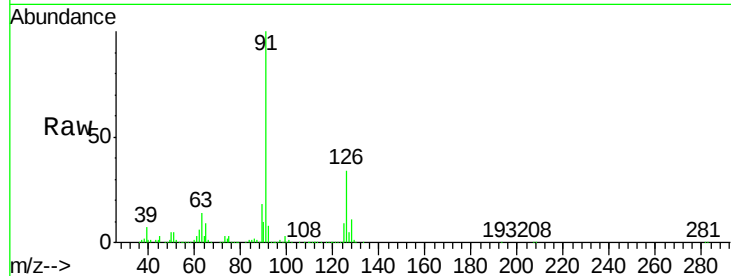
126 34.9 17.4 52.3

Manual Integrations

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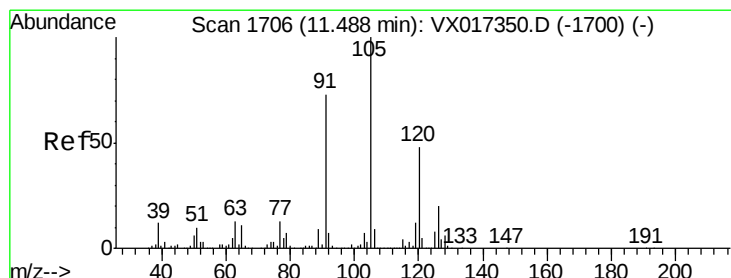
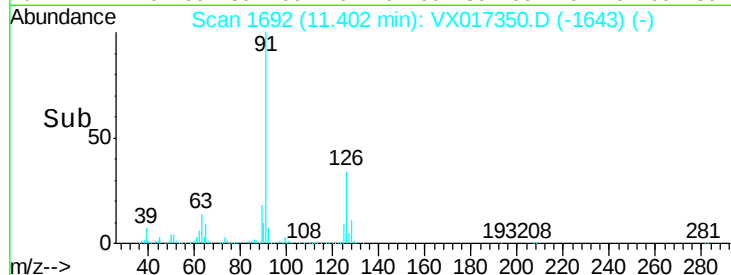
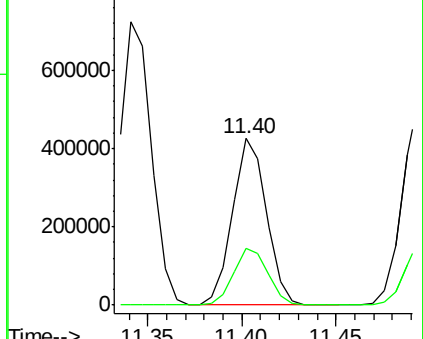
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Abundance Ion 91.00 (90.70 to 91.70): VX017350.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017350.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.752 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017350.D

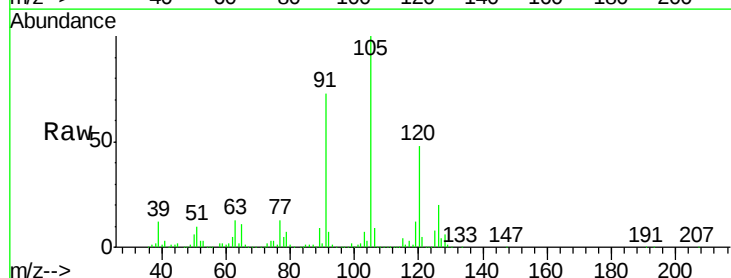
Acq: 13 Jul 2020 11:24

Tgt Ion: 105 Resp: 658162

Ion Ratio Lower Upper

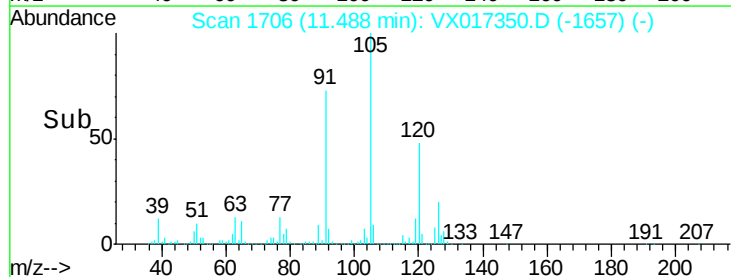
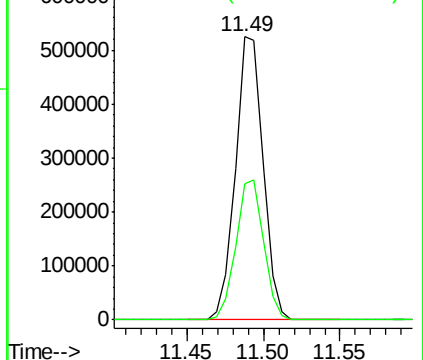
105 100

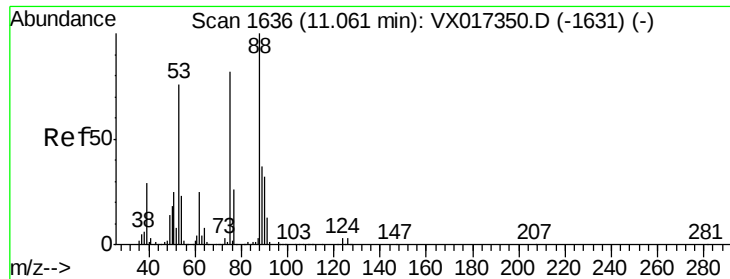
120 49.6 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX017350.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX017350.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.857 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

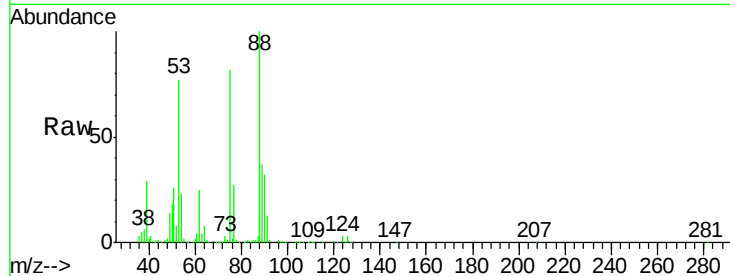
ClientSampled :

VSTDICCC050

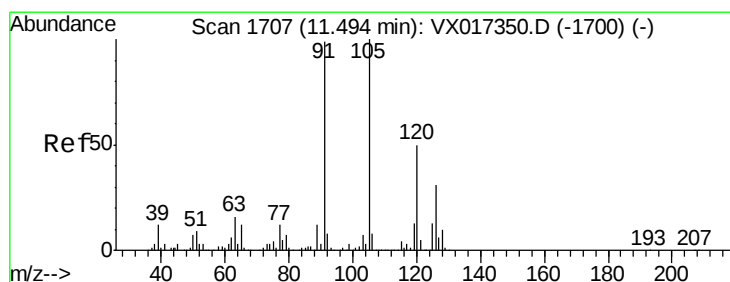
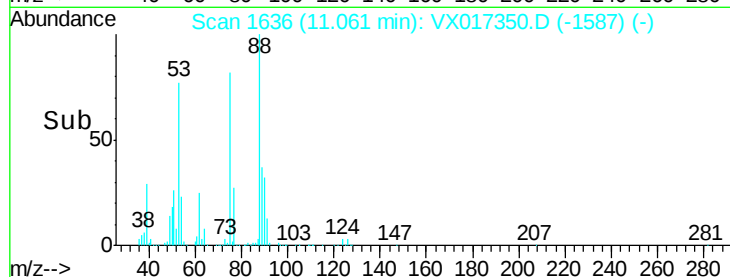
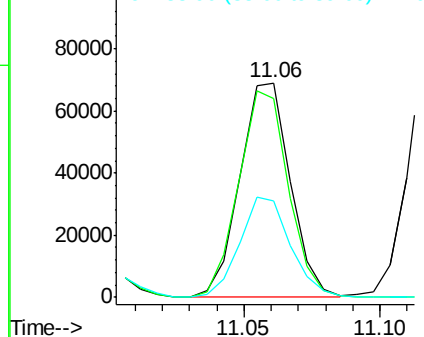
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 87807 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 95.6  | 76.5  | 114.7 |
| 89       | 47.6  | 38.1  | 57.1  |

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Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 53.00 (52.70 to 53.70): VX0  
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.430 ug/l

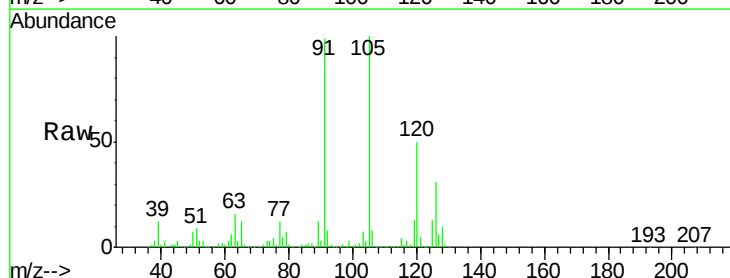
RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

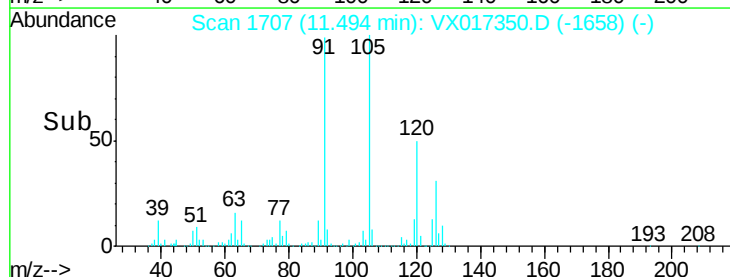
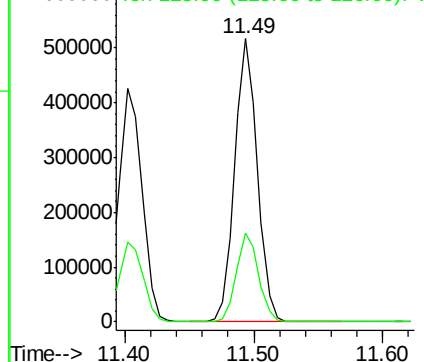
Lab File: VX017350.D

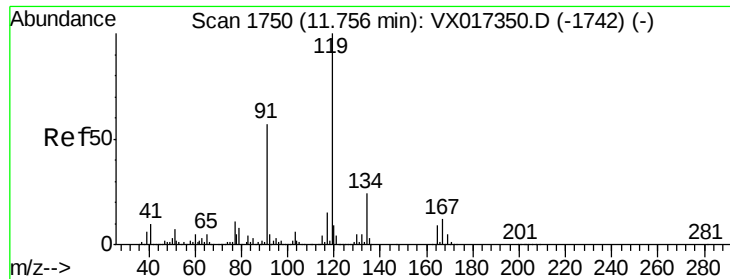
Acq: 13 Jul 2020 11:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 633558 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 30.8  | 15.4  | 46.2   |



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.852 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

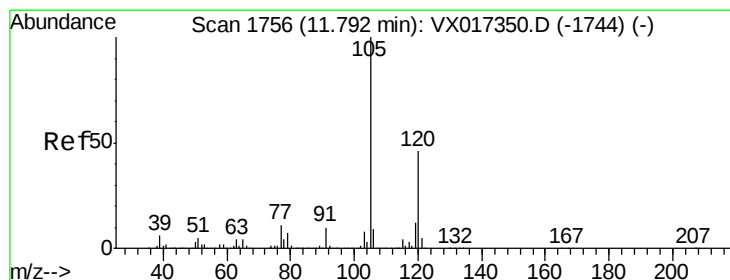
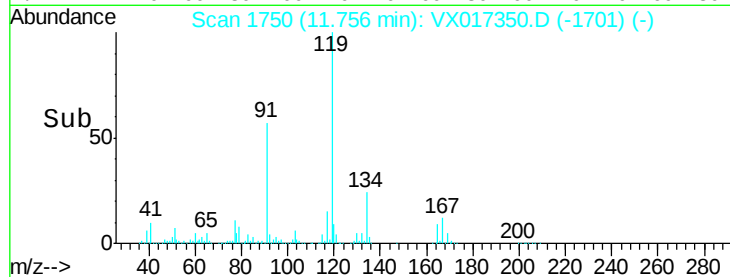
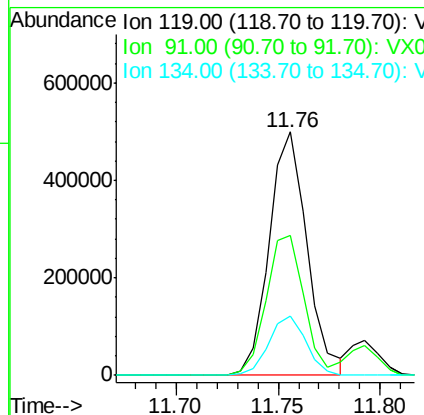
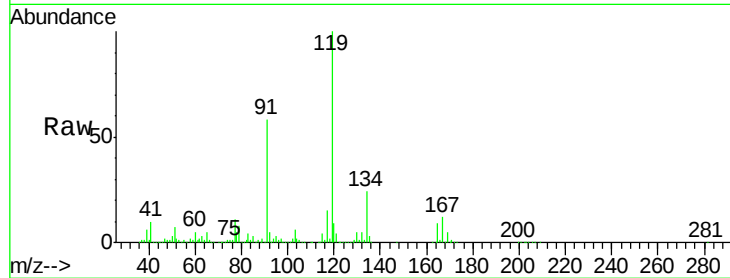
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 647976 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 57.1  | 28.5  | 85.6   |
| 134       | 23.9  | 11.9  | 35.9   |

Manual Integrations  
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7/14/2020 11:35:49 AM



#84

1,2,4-Trimethylbenzene

Concen: 53.897 ug/l

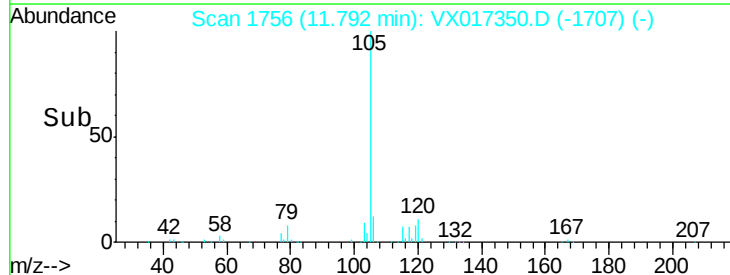
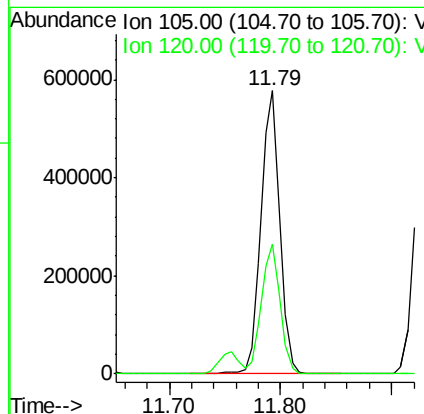
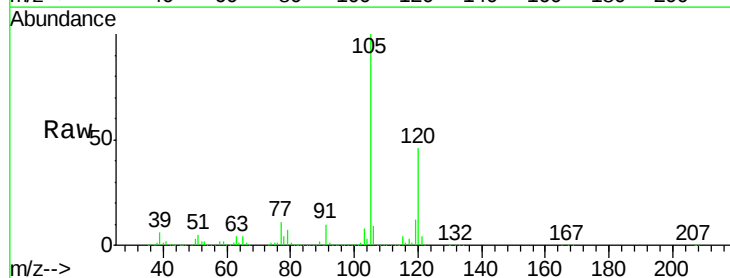
RT: 11.79 min Scan# 1756

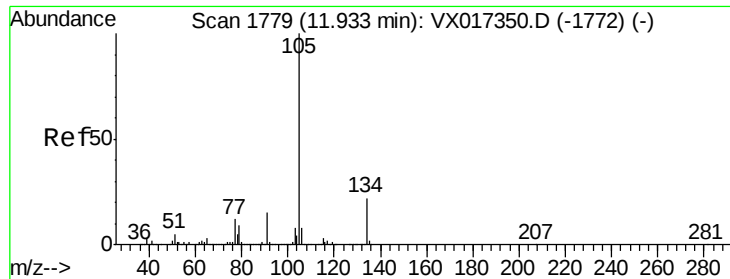
Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 683774 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 45.6  | 22.8  | 68.4   |





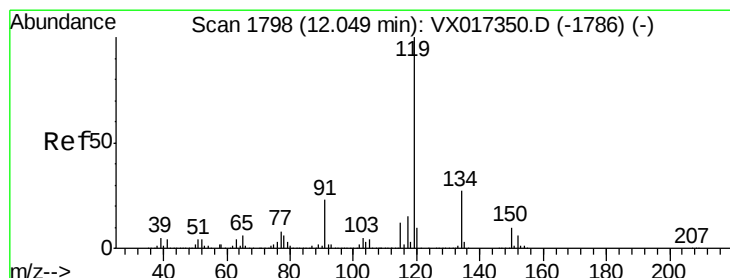
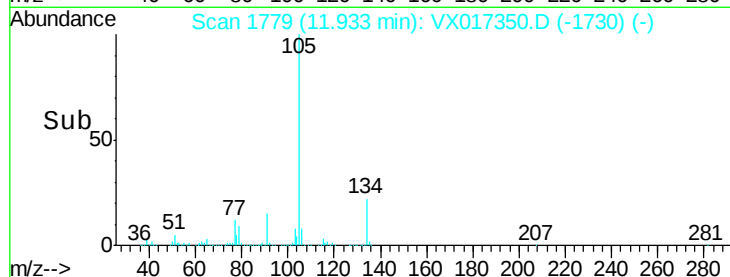
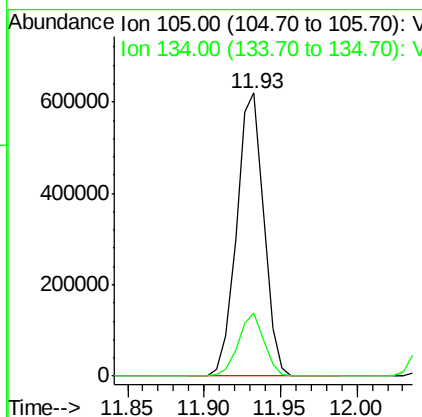
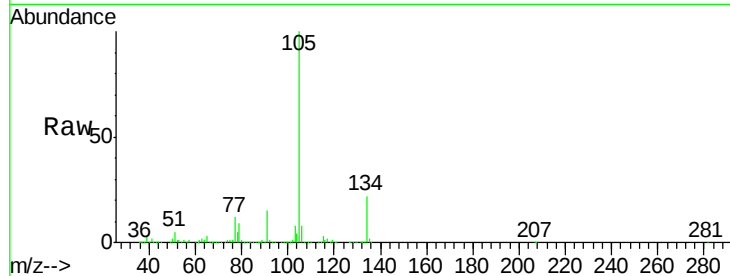
#85  
 sec-Butylbenzene  
 Concen: 52.669 ug/l  
 RT: 11.93 min Scan# 1779  
 Delta R.T. 0.00 min  
 Lab File: VX017350.D  
 Acq: 13 Jul 2020 11:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 758425 |       |       |
| 134     | 21.0  | 10.5   | 31.5  |       |

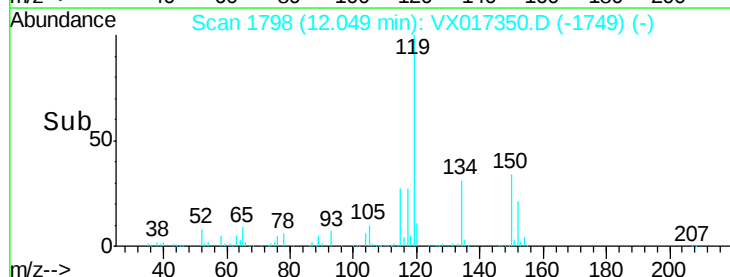
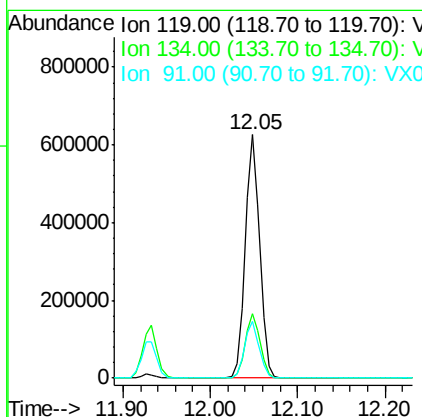
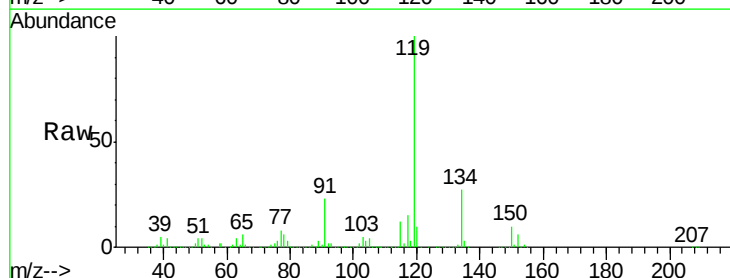
Manual Integrations  
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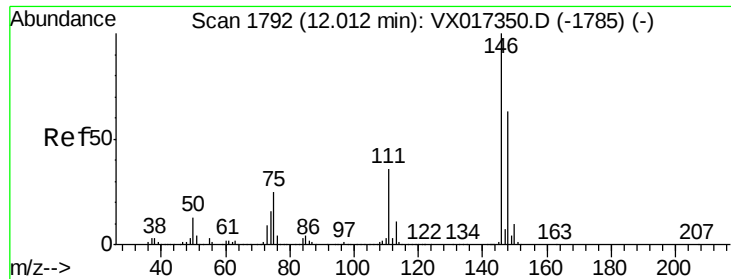
MMDadoda  
 7/14/2020 11:35:49 AM



#86  
 p-Isopropyltoluene  
 Concen: 53.523 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. 0.00 min  
 Lab File: VX017350.D  
 Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 716529 |       |       |
| 134     | 27.0  | 13.5   | 40.5  |       |
| 91      | 23.5  | 11.8   | 35.3  |       |





#87

1,3-Dichlorobenzene

Concen: 50.066 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

Instrument :

MSVOA\_X

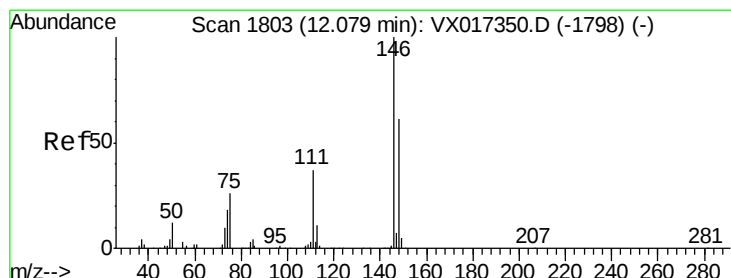
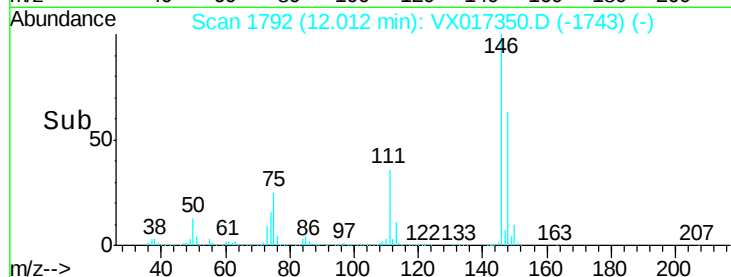
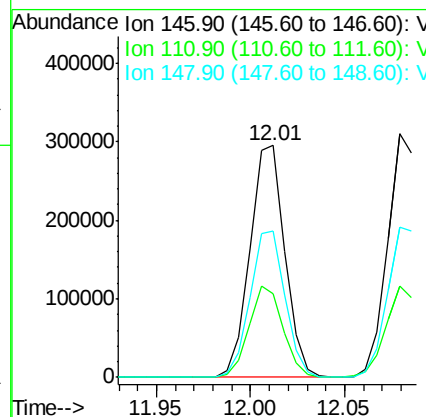
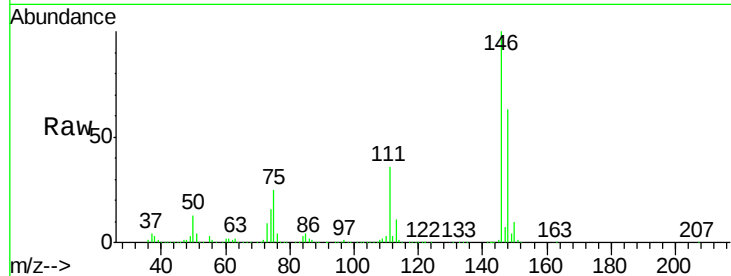
ClientSampleId :

VSTDICCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 146  | Resp: | 379013 |
| Ion Ratio |      | Lower | Upper  |
| 146       | 100  |       |        |
| 111       | 38.4 | 19.2  | 57.6   |
| 148       | 63.3 | 31.6  | 95.0   |

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#88

1,4-Dichlorobenzene

Concen: 48.923 ug/l

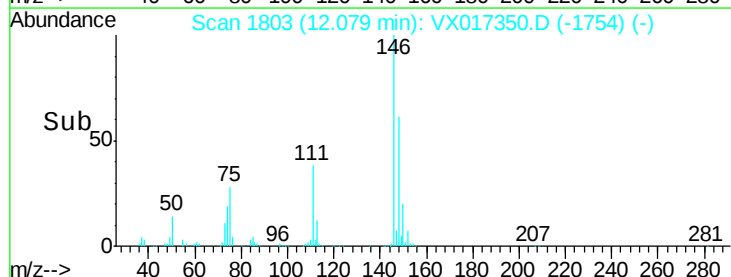
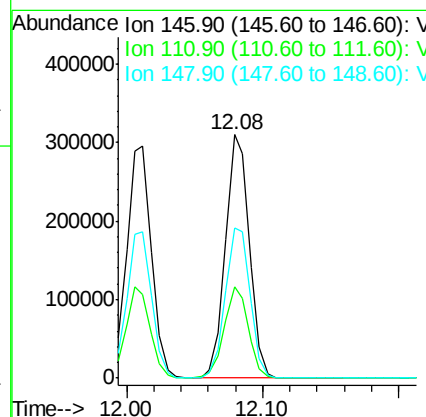
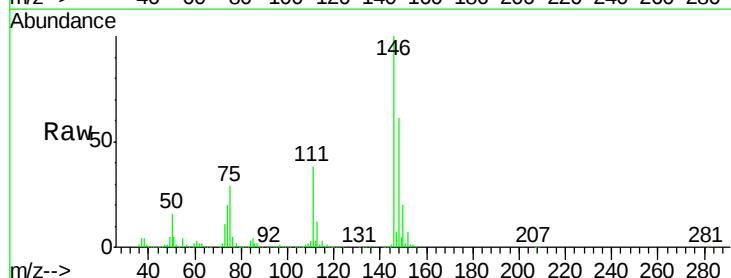
RT: 12.08 min Scan# 1803

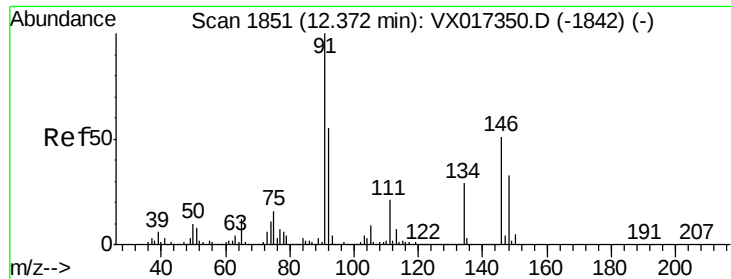
Delta R.T. 0.00 min

Lab File: VX017350.D

Acq: 13 Jul 2020 11:24

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 146  | Resp: | 377854 |
| Ion Ratio |      | Lower | Upper  |
| 146       | 100  |       |        |
| 111       | 37.9 | 18.9  | 56.9   |
| 148       | 63.9 | 31.9  | 95.9   |





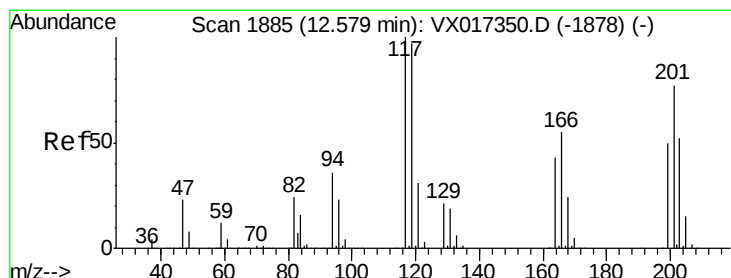
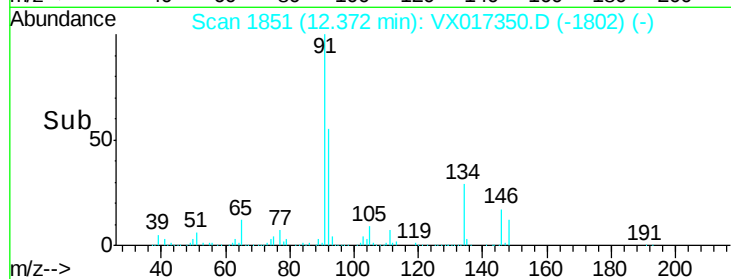
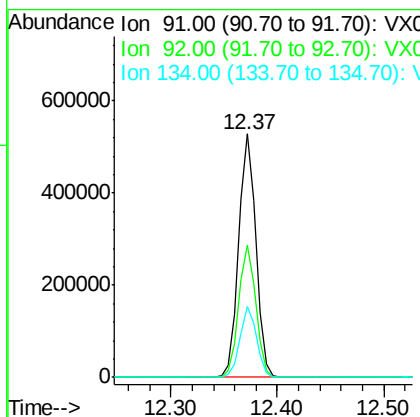
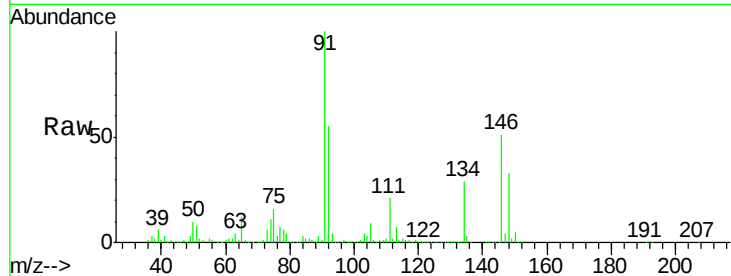
#89  
n-Butylbenzene  
Concen: 50.448 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.0  | 27.0  | 81.0  |
| 134     | 28.1  | 14.1  | 42.2  |

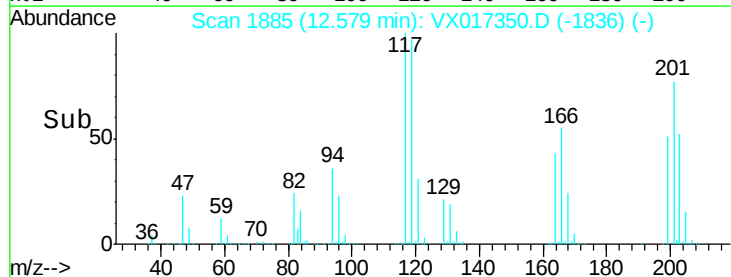
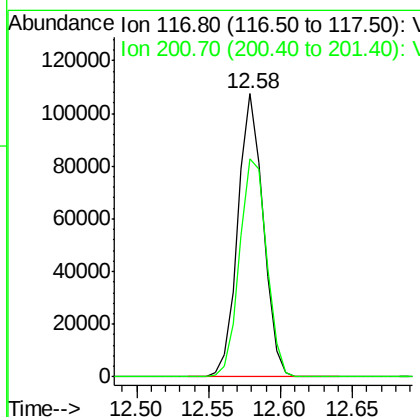
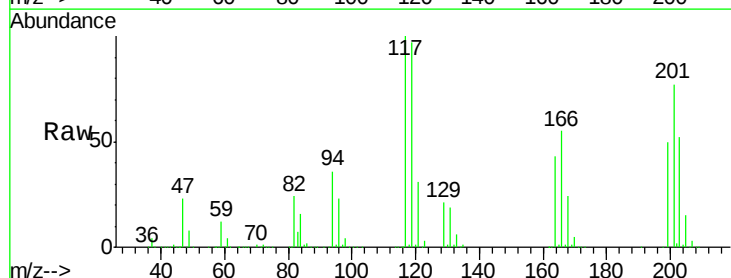
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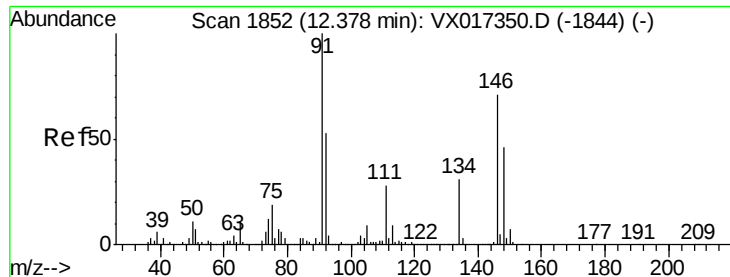
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#90  
Hexachloroethane  
Concen: 50.119 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 82.0  | 41.0  | 123.0 |





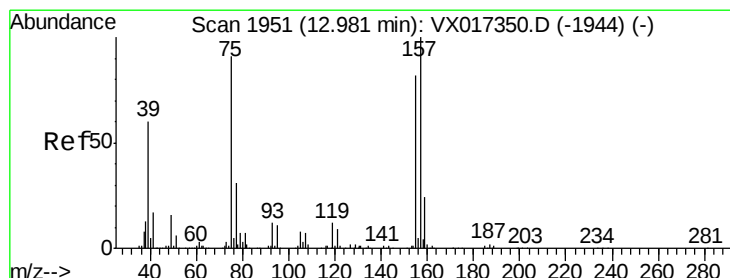
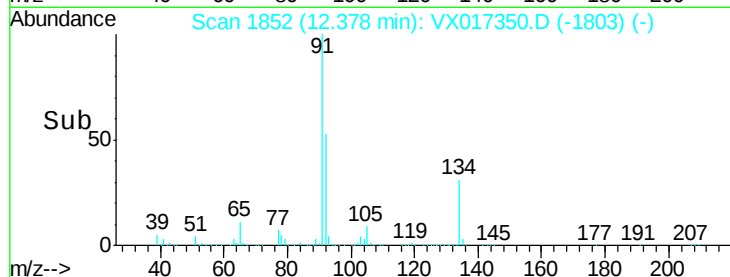
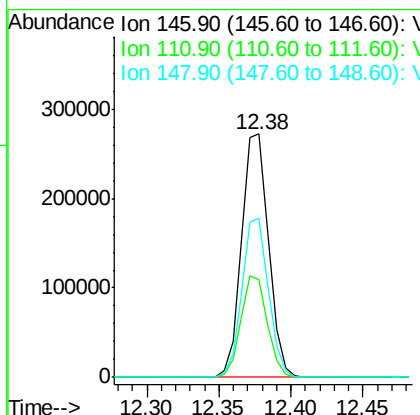
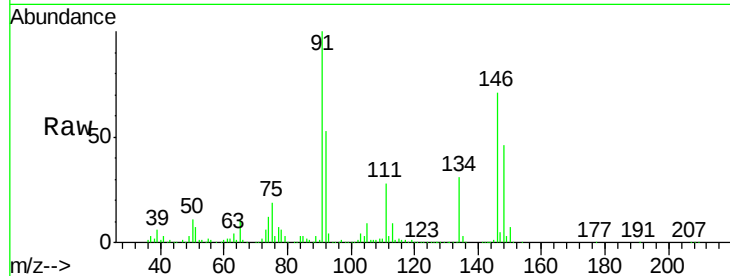
#91  
1,2-Dichlorobenzene  
Concen: 50.180 ug/l  
RT: 12.38 min Scan# 1852  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 20.3  | 61.0  |
| 148     | 64.0  | 32.0  | 96.0  |

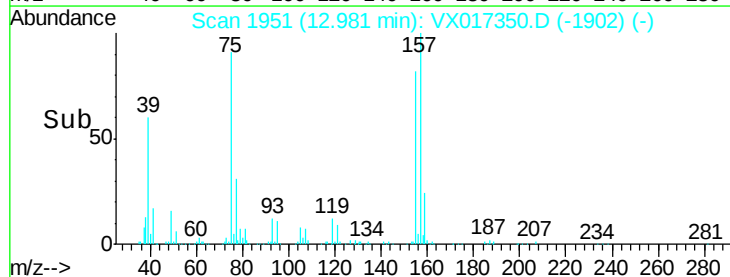
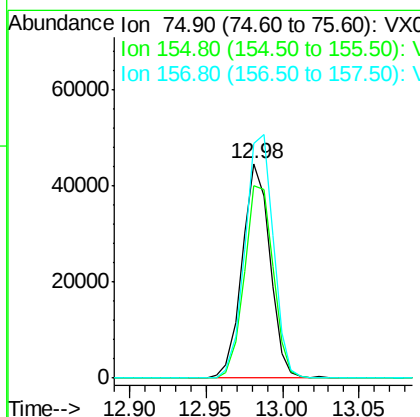
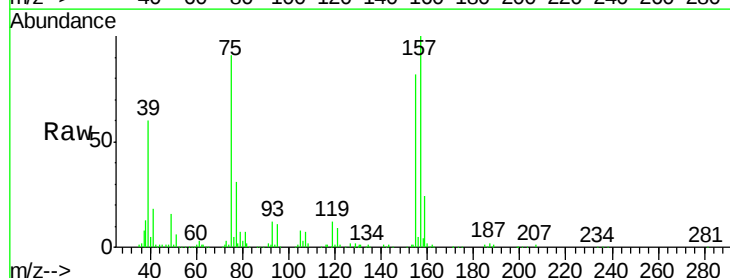
Manual Integrations  
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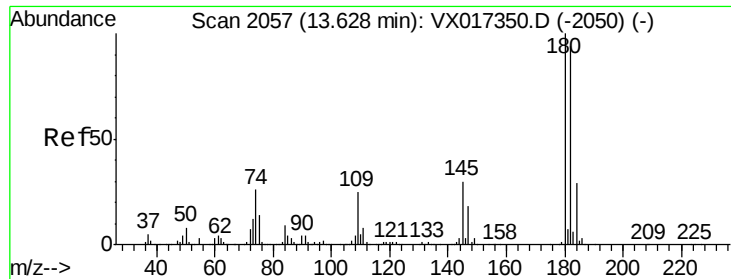
MMDadoda  
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.664 ug/l  
RT: 12.98 min Scan# 1951  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 92.9  | 46.5  | 139.3 |
| 157     | 115.9 | 58.0  | 173.9 |





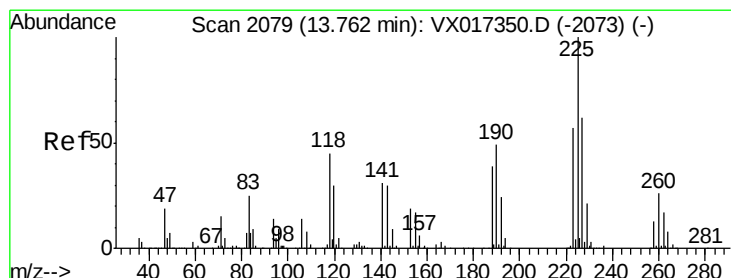
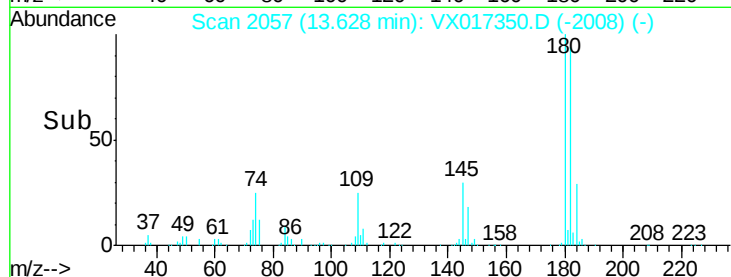
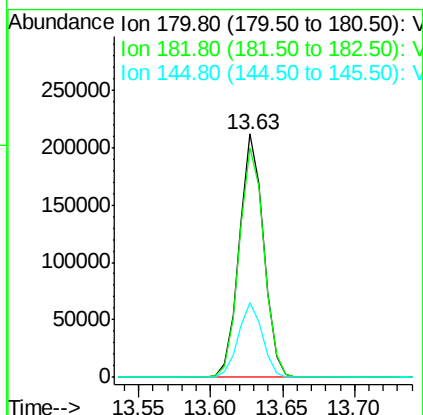
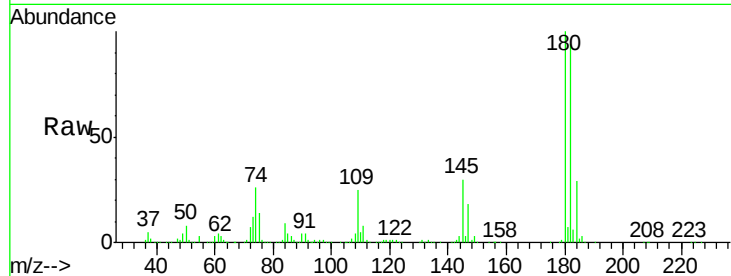
#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.375 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX017350.D  
 Acq: 13 Jul 2020 11:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.7  | 48.4  | 145.0 |
| 145     | 30.5  | 15.3  | 45.8  |

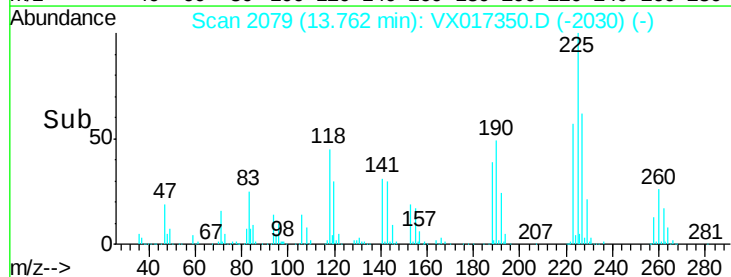
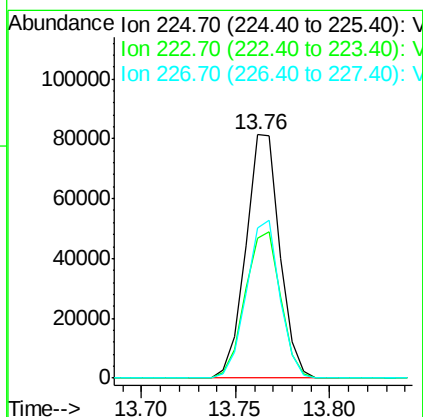
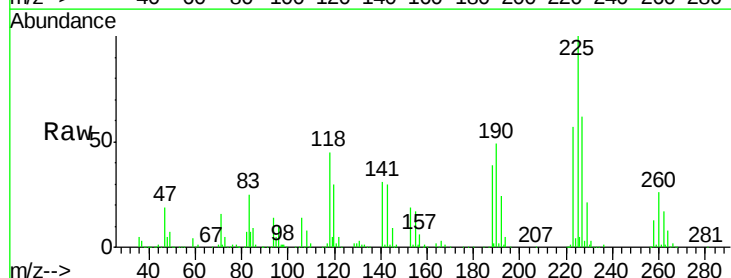
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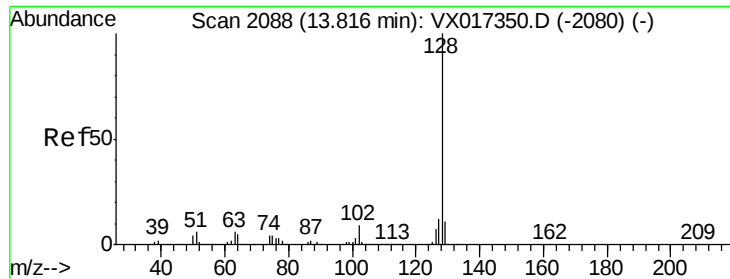
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#94  
 Hexachlorobutadiene  
 Concen: 51.646 ug/l  
 RT: 13.76 min Scan# 2079  
 Delta R.T. 0.00 min  
 Lab File: VX017350.D  
 Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.5  | 31.3  | 93.8  |
| 227     | 63.3  | 31.6  | 95.0  |





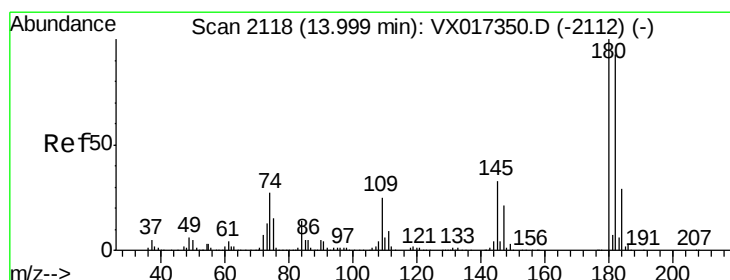
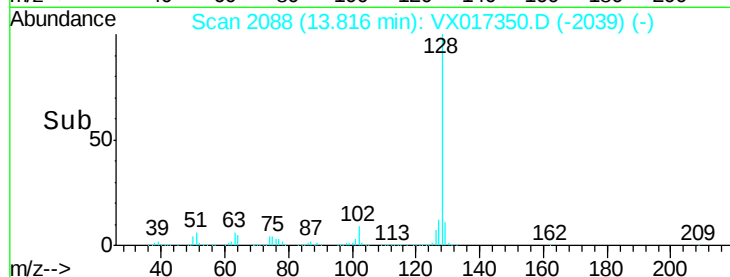
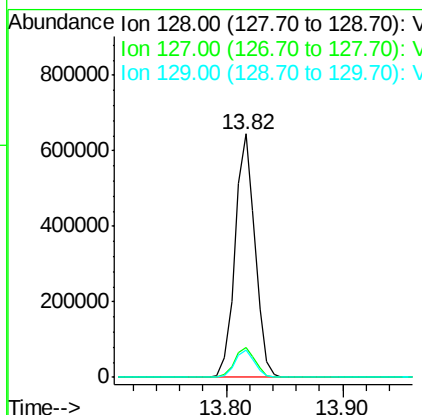
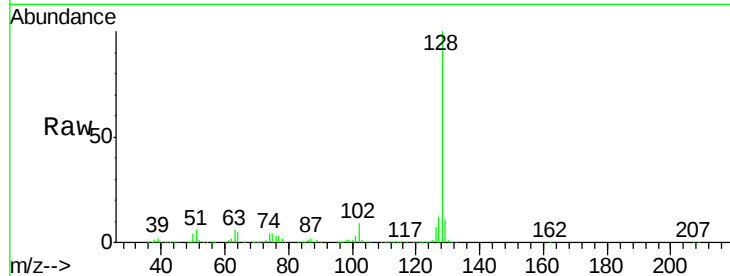
#95  
Naphthalene  
Concen: 52.802 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.2  | 15.4  |
| 129     | 11.1  | 8.9   | 13.3  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 51.664 ug/l  
RT: 14.00 min Scan# 2118  
Delta R.T. 0.00 min  
Lab File: VX017350.D  
Acq: 13 Jul 2020 11:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.5  | 48.8  | 146.3 |
| 145     | 33.1  | 16.6  | 49.7  |

