

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\  
 Data File : VX018138.D  
 Acq On : 31 Aug 2020 11:25  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 9/1/2020 9:08:58 AM

Quant Time: Sep 01 05:52:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 03:03:56 2020  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|-------|------|----------|---------|--------|----------|
| 1) Pentafluorobenzene         | 5.63  | 168  | 520680   | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.82  | 114  | 820263   | 50.00   | ug/l   | -0.01    |
| 63) Chlorobenzene-d5          | 10.10 | 117  | 781902   | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.06 | 152  | 413089   | 50.00   | ug/l   | 0.00     |
| System Monitoring Compounds   |       |      |          |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 6.03  | 65   | 355122   | 49.13   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 98.26% |          |
| 35) Dibromofluoromethane      | 5.46  | 113  | 276414   | 49.48   | ug/l   | -0.01    |
| Spiked Amount 50.000          |       |      | Recovery | =       | 98.96% |          |
| 50) Toluene-d8                | 8.70  | 98   | 1005057  | 48.30   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 96.60% |          |
| 62) 4-Bromofluorobenzene      | 11.12 | 95   | 407953   | 49.83   | ug/l   | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 99.66% |          |
| Target Compounds              |       |      |          |         |        |          |
|                               |       |      |          |         | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.18  | 85   | 321651   | 50.739  | ug/l   | 100      |
| 3) Chloromethane              | 1.31  | 50   | 324631   | 48.572  | ug/l   | 99       |
| 4) Vinyl Chloride             | 1.39  | 62   | 303832   | 45.668  | ug/l   | 100      |
| 5) Bromomethane               | 1.62  | 94   | 169560   | 52.838  | ug/l   | 99       |
| 6) Chloroethane               | 1.70  | 64   | 176505   | 49.395  | ug/l   | 95       |
| 7) Trichlorofluoromethane     | 1.91  | 101  | 466879   | 51.464  | ug/l   | 97       |
| 8) Diethyl Ether              | 2.17  | 74   | 152771   | 49.656  | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36  | 101  | 231040   | 47.107  | ug/l   | 98       |
| 10) Methyl Iodide             | 2.49  | 142  | 293799   | 55.356  | ug/l   | 98       |
| 11) Tert butyl alcohol        | 3.02  | 59   | 328741   | 233.903 | ug/l   | 98       |
| 12) 1,1-Dichloroethene        | 2.36  | 96   | 218157   | 42.874  | ug/l   | 97       |
| 13) Acrolein                  | 2.27  | 56   | 190852   | 327.495 | ug/l   | 99       |
| 14) Allyl chloride            | 2.70  | 41   | 456919   | 49.981  | ug/l   | 99       |
| 15) Acrylonitrile             | 3.12  | 53   | 770061   | 241.541 | ug/l   | 99       |
| 16) Acetone                   | 2.42  | 43   | 612679   | 217.523 | ug/l   | 93       |
| 17) Carbon Disulfide          | 2.54  | 76   | 683919   | 44.462  | ug/l   | 100      |
| 18) Methyl Acetate            | 2.75  | 43   | 352344   | 51.839  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether   | 3.17  | 73   | 904006   | 51.804  | ug/l   | 99       |
| 20) Methylene Chloride        | 2.83  | 84   | 284081   | 49.311  | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene  | 3.14  | 96   | 266466   | 47.267  | ug/l   | 97       |
| 22) Diisopropyl ether         | 3.82  | 45   | 908545   | 50.354  | ug/l   | 100      |
| 23) Vinyl Acetate             | 3.78  | 43   | 4148925  | 258.419 | ug/l   | 100      |
| 24) 1,1-Dichloroethane        | 3.67  | 63   | 502931   | 48.966  | ug/l   | 98       |
| 25) 2-Butanone                | 4.64  | 43   | 1071853  | 231.552 | ug/l   | 100      |
| 26) 2,2-Dichloropropane       | 4.55  | 77   | 462313   | 55.321  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene    | 4.56  | 96   | 317418   | 48.869  | ug/l   | 98       |
| 28) Bromochloromethane        | 4.98  | 49   | 221501   | 44.678  | ug/l   | 97       |
| 29) Tetrahydrofuran           | 5.09  | 42   | 692739   | 235.087 | ug/l   | 98       |
| 30) Chloroform                | 5.17  | 83   | 529955   | 49.831  | ug/l   | 97       |
| 31) Cyclohexane               | 5.54  | 56   | 433502   | 50.105  | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane     | 5.46  | 97   | 481965   | 49.383  | ug/l   | 99       |
| 36) 1,1-Dichloropropene       | 5.76  | 75   | 385847   | 51.000  | ug/l   | 100      |
| 37) Ethyl Acetate             | 4.79  | 43   | 430128   | 48.950  | ug/l   | 98       |
| 38) Carbon Tetrachloride      | 5.75  | 117  | 447907   | 52.533  | ug/l   | 96       |

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 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 9/1/2020 9:08:58 AM

Quant Time: Sep 01 05:52:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 03:03:56 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 447291   | 54.067   | ug/l   | 96       |
| 40) Benzene                    | 6.11  | 78   | 1112578  | 50.047   | ug/l   | 99       |
| 41) Methacrylonitrile          | 4.99  | 41   | 238040   | 49.337   | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 446561   | 52.429   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.41  | 43   | 713428   | 50.267   | ug/l   | 99       |
| 44) Trichloroethene            | 7.18  | 130  | 324747   | 51.699   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 307494   | 51.321   | ug/l   | 97       |
| 46) Dibromomethane             | 7.63  | 93   | 211225   | 50.132   | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.87  | 83   | 436023   | 51.828   | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.74  | 41   | 352130   | 49.839   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 141483   | 1105.499 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 2207762  | 251.827  | ug/l   | 100      |
| 52) Toluene                    | 8.76  | 92   | 717840   | 50.923   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 504569   | 54.115   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 8.41  | 75   | 530538   | 53.713   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 310496   | 51.645   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 468823   | 52.455   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 504401   | 50.867   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 1039889  | 258.644  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.47  | 43   | 1698053  | 254.722  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.57  | 129  | 385637   | 54.679   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 339309   | 51.985   | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.32  | 164  | 315407   | 54.893   | ug/l   | 97       |
| 65) Chlorobenzene              | 10.12 | 112  | 818765   | 52.430   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 329046   | 53.461   | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.23 | 91   | 1413426  | 53.222   | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.34 | 106  | 1086690  | 109.630  | ug/l   | 100      |
| 69) o-Xylene                   | 10.68 | 106  | 522794   | 54.407   | ug/l   | 98       |
| 70) Styrene                    | 10.70 | 104  | 895805   | 54.743   | ug/l   | 98       |
| 71) Bromoform                  | 10.84 | 173  | 289253   | 55.097   | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.00 | 105  | 1418498  | 52.059   | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 653426   | 50.543   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 452695   | 47.097   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 437217m  | 47.579   | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 383784   | 50.955   | ug/l   | 97       |
| 78) n-propylbenzene            | 11.34 | 91   | 1629206  | 52.659   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 981124   | 51.329   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 1203226  | 53.737   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.05 | 75   | 176910   | 51.996   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 1175628  | 51.736   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 1169217  | 52.913   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 1224384  | 53.485   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 1357043  | 54.004   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 1294664  | 56.089   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 676330   | 51.145   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 678879   | 51.273   | ug/l   | 96       |
| 89) n-Butylbenzene             | 12.37 | 91   | 1141247  | 54.171   | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 242798   | 53.464   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 638638   | 51.305   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 113308   | 47.145   | ug/l   | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\  
Data File : VX018138.D  
Acq On : 31 Aug 2020 11:25  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

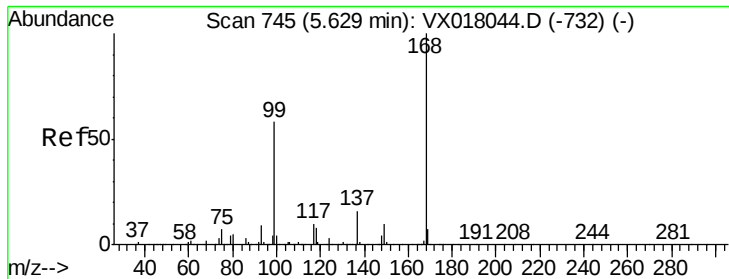
MMDadoda  
9/1/2020 9:08:58 AM

Quant Time: Sep 01 05:52:32 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 21 03:03:56 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 447830   | 53.952 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 180030   | 54.987 | ug/l  | 98       |
| 95) Naphthalene            | 13.82 | 128  | 1437740  | 52.631 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 438327   | 53.443 | ug/l  | 98       |

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





#1

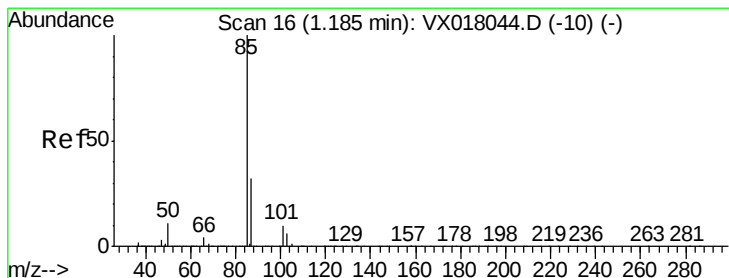
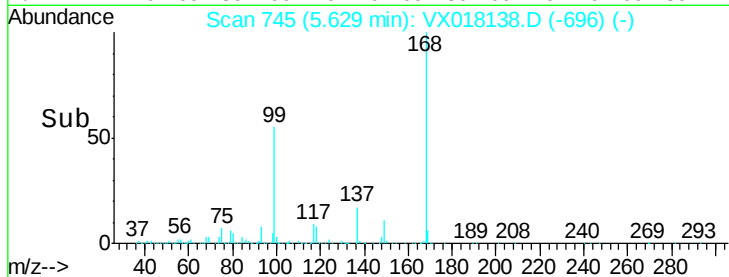
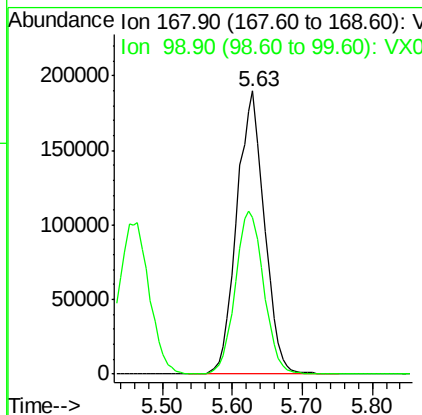
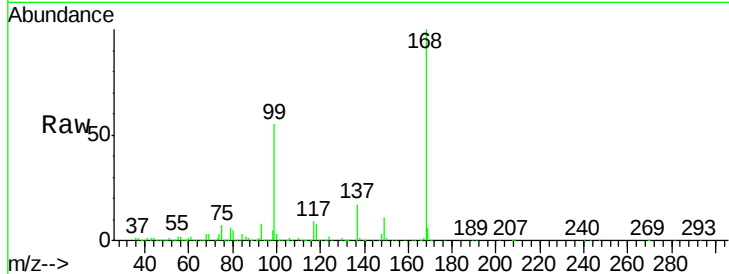
Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.63 min Scan# 745  
 Delta R.T. -0.00 min  
 Lab File: VX018138.D  
 Acq: 31 Aug 2020 11:25

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 55.3  | 46.3  | 69.5  |

Manual Integrations  
 APPROVED

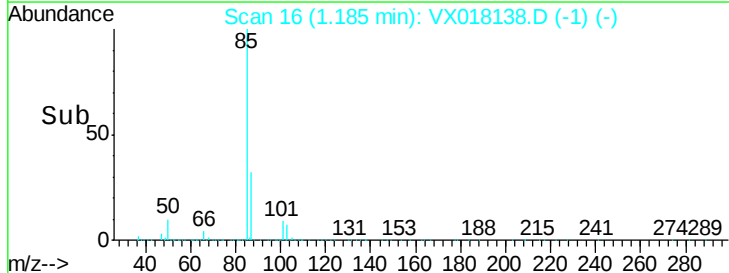
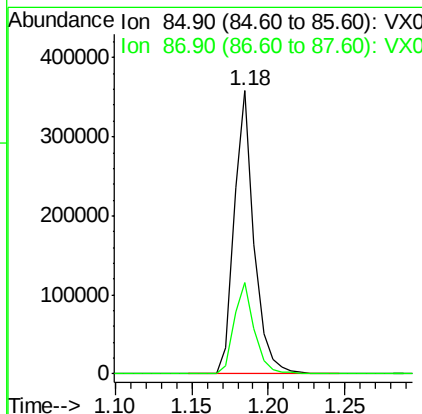
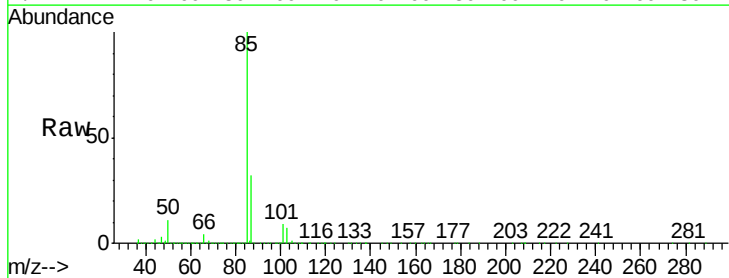
MMDadoda  
 9/1/2020 9:08:58 AM

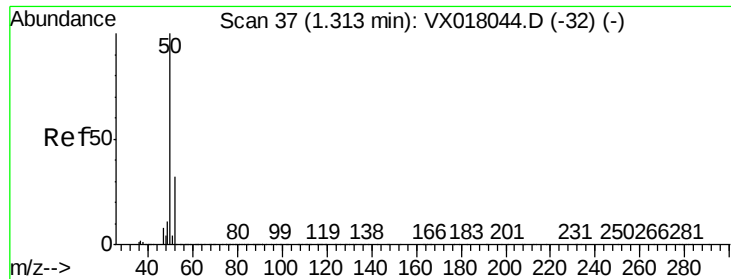


#2

Dichlorodifluoromethane  
 Concen: 50.739 ug/l  
 RT: 1.18 min Scan# 16  
 Delta R.T. -0.00 min  
 Lab File: VX018138.D  
 Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 32.2  | 16.1  | 48.2  |





#3

Chloromethane

Concen: 48.572 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 324631

Ion Ratio Lower Upper

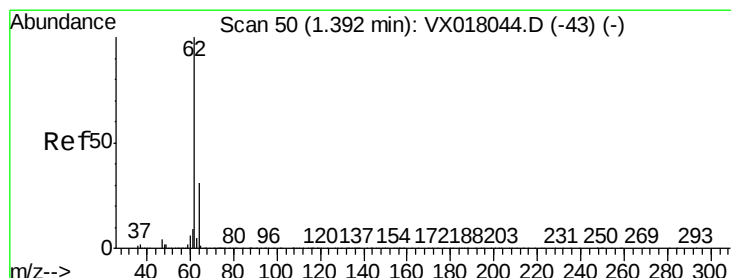
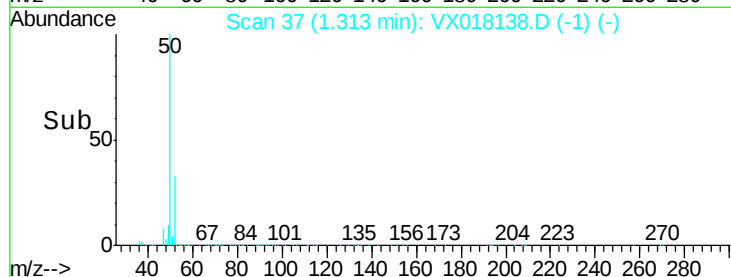
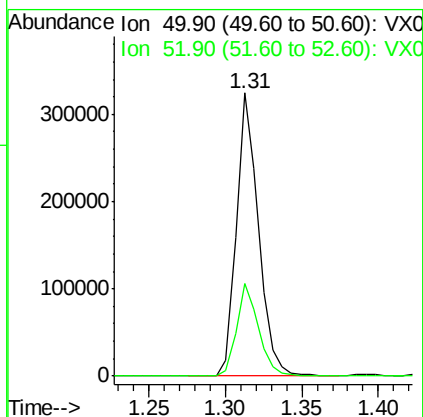
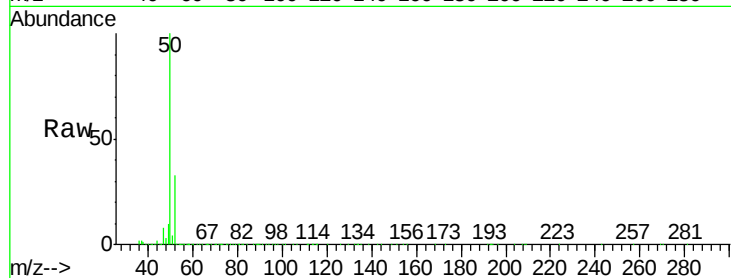
50 100

52 32.6 25.4 38.2

Manual Integrations  
APPROVED

MMDadoda

9/1/2020 9:08:58 AM



#4

Vinyl Chloride

Concen: 45.668 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018138.D

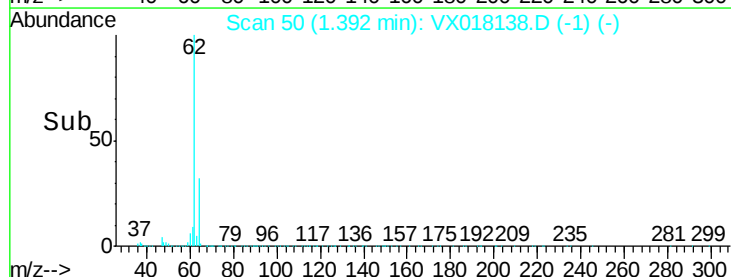
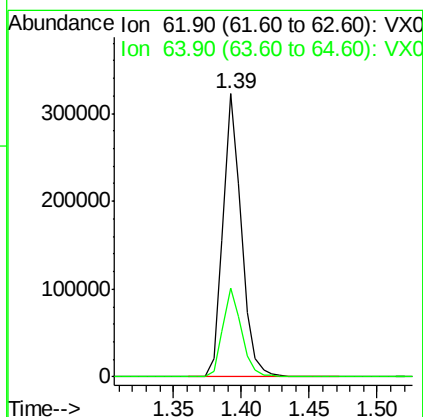
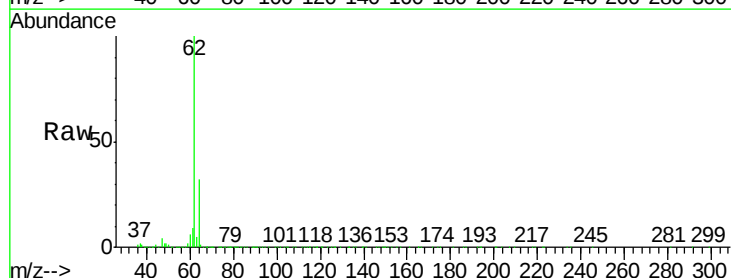
Acq: 31 Aug 2020 11:25

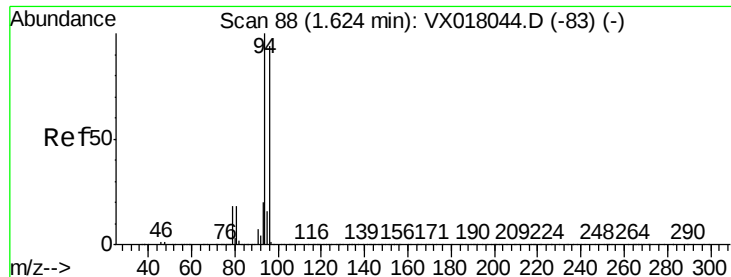
Tgt Ion: 62 Resp: 303832

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 52.838 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 169560

Ion Ratio Lower Upper

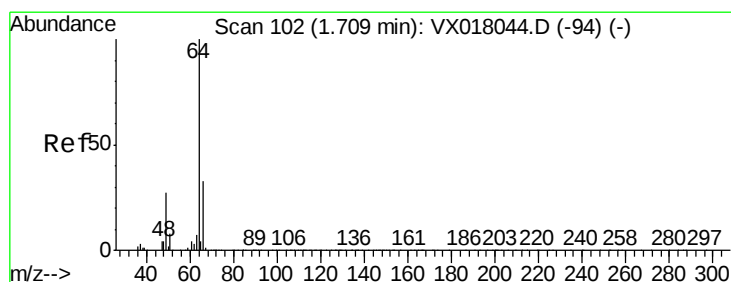
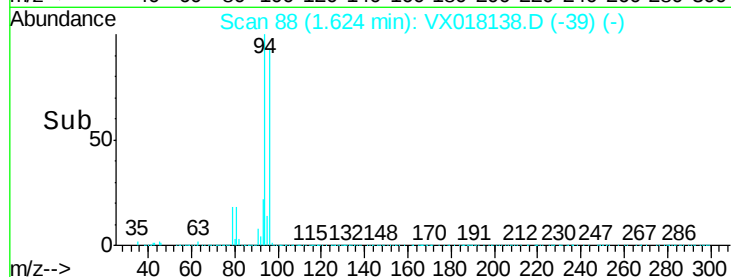
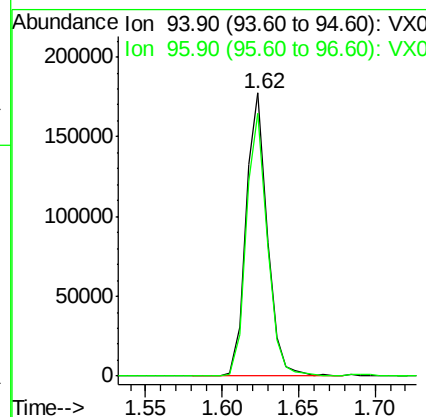
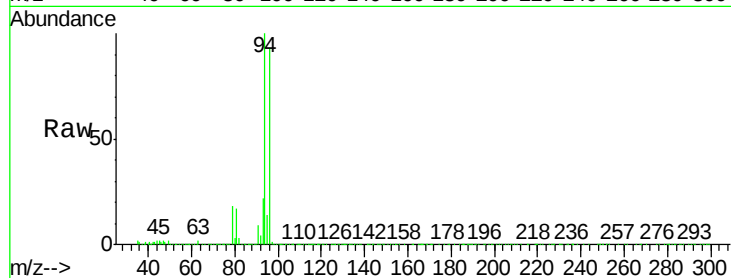
94 100

96 92.9 74.8 112.2

Manual Integrations  
APPROVED

MMDadoda

9/1/2020 9:08:58 AM



#6

Chloroethane

Concen: 49.395 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018138.D

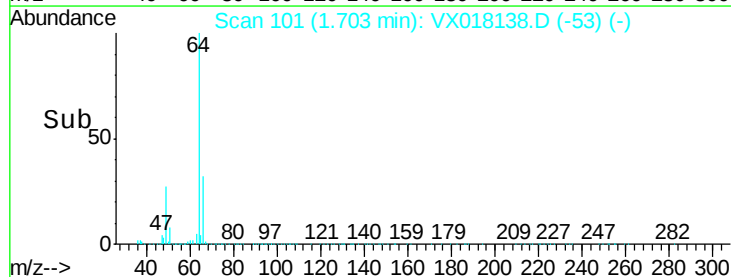
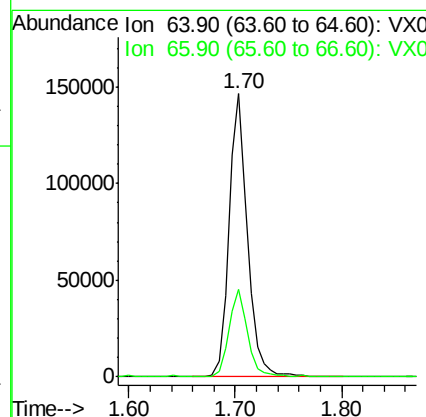
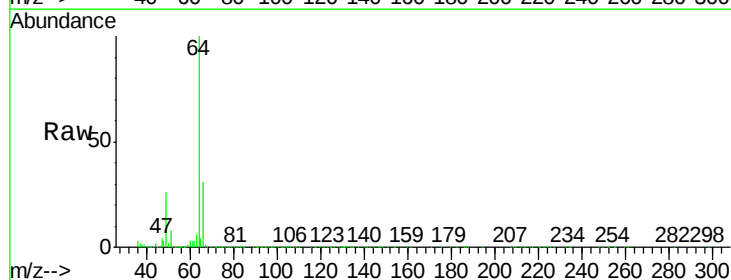
Acq: 31 Aug 2020 11:25

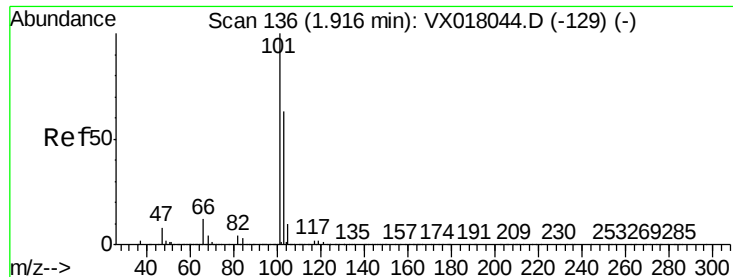
Tgt Ion: 64 Resp: 176505

Ion Ratio Lower Upper

64 100

66 30.6 26.6 39.8





#7

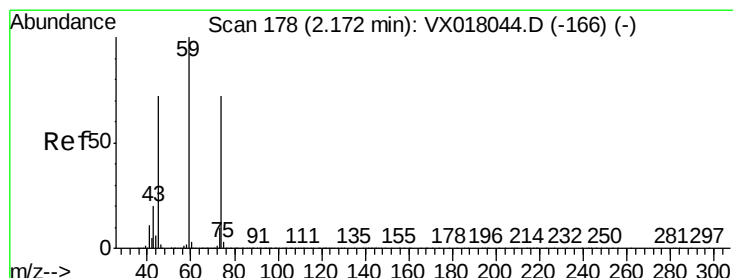
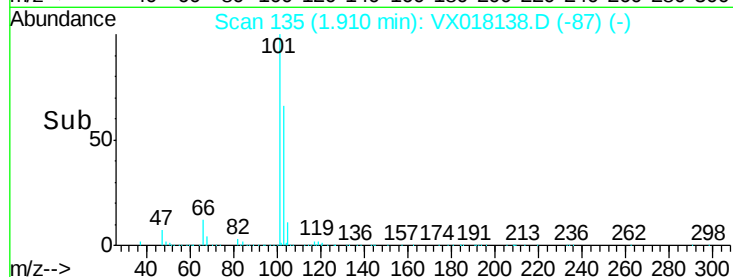
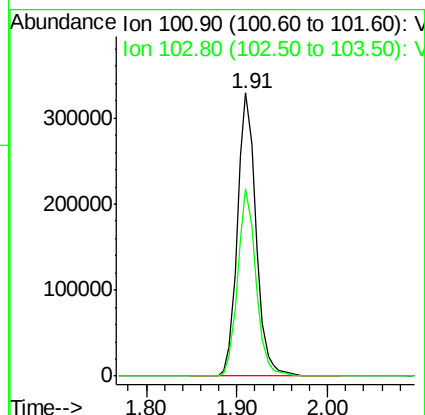
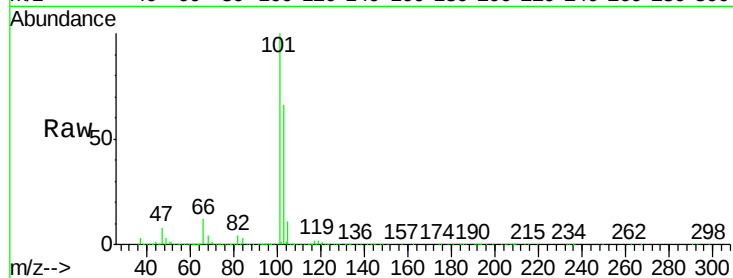
Trichlorofluoromethane  
Concen: 51.464 ug/l  
RT: 1.91 min Scan# 135  
Delta R.T. -0.01 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.1  | 50.7  | 76.1  |

Manual Integrations  
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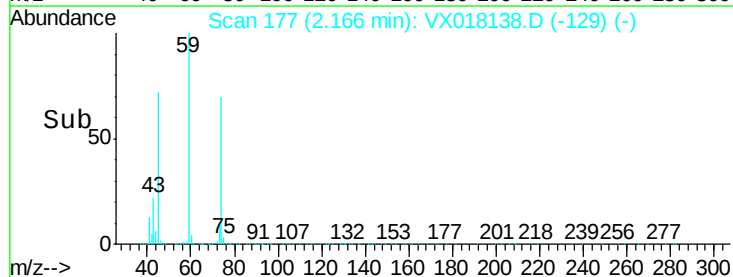
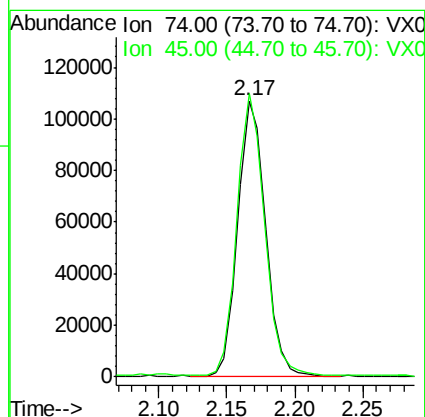
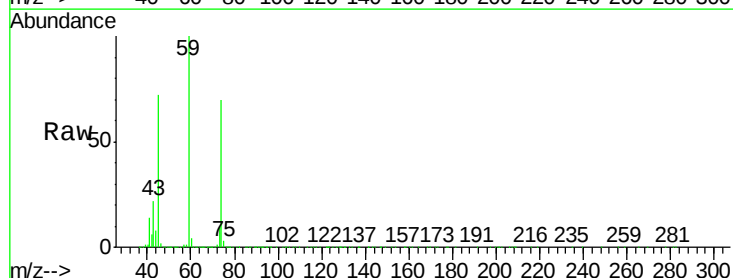
MMDadoda  
9/1/2020 9:08:58 AM

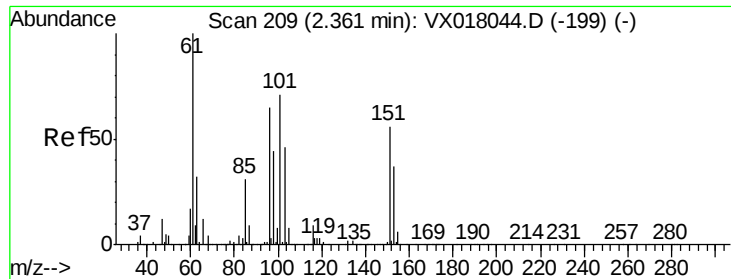


#8

Diethyl Ether  
Concen: 49.656 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. -0.01 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 101.0 | 50.7  | 152.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.107 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

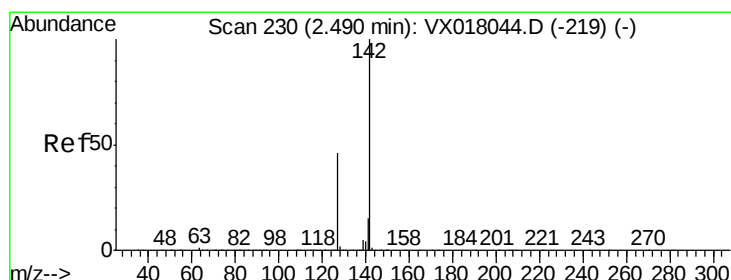
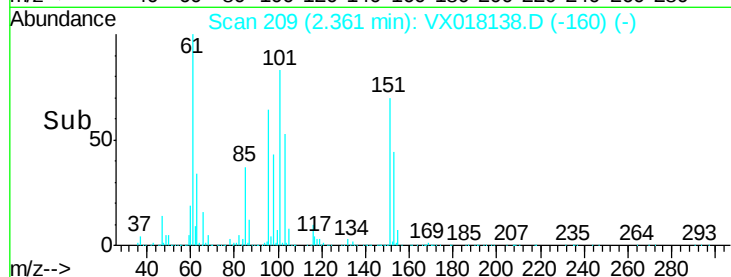
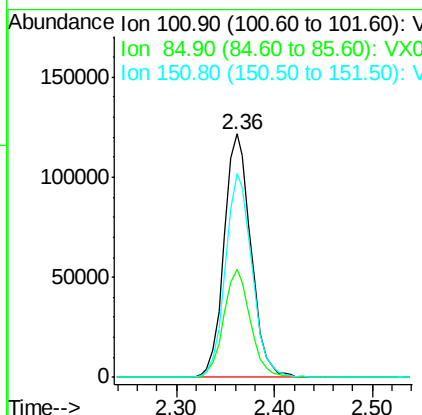
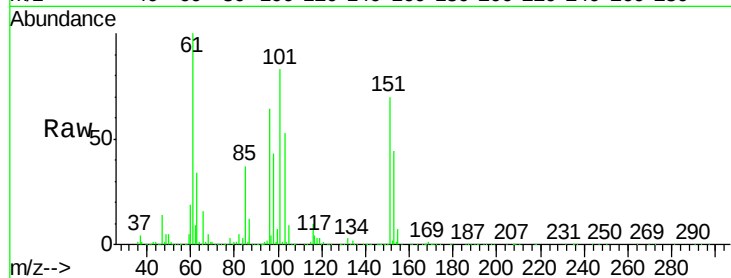
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 231040 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.9  | 34.0  | 51.0   |
| 151       | 83.0  | 65.2  | 97.8   |

Manual Integrations  
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9/1/2020 9:08:58 AM



#10

Methyl Iodide

Concen: 55.356 ug/l

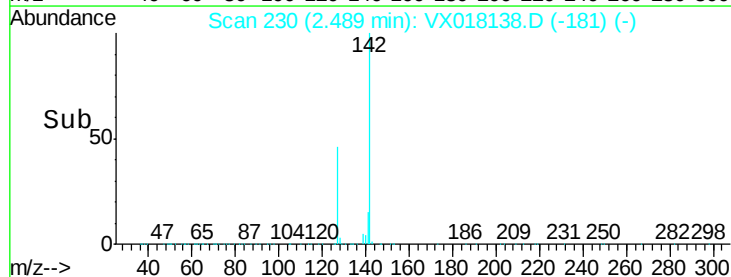
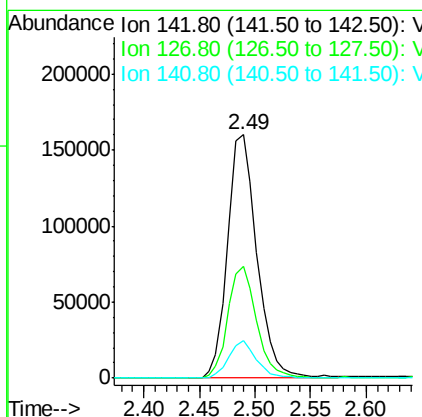
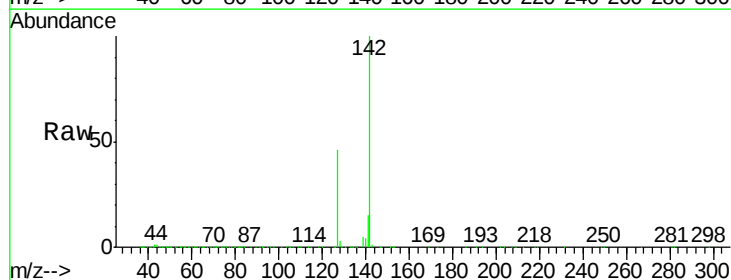
RT: 2.49 min Scan# 230

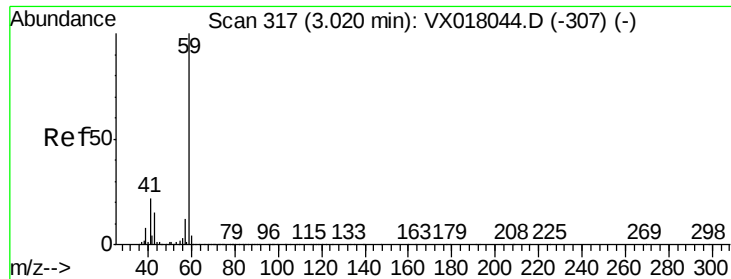
Delta R.T. 0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 293799 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 45.0  | 37.0  | 55.6   |
| 141       | 14.5  | 11.5  | 17.3   |





#11

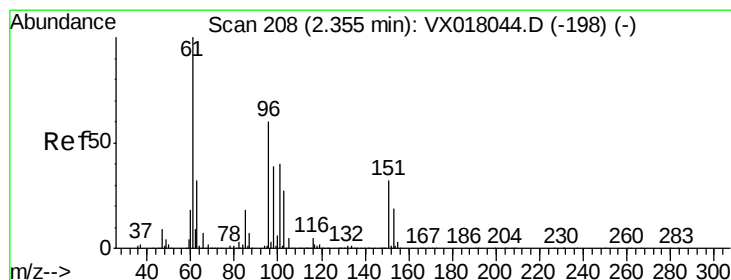
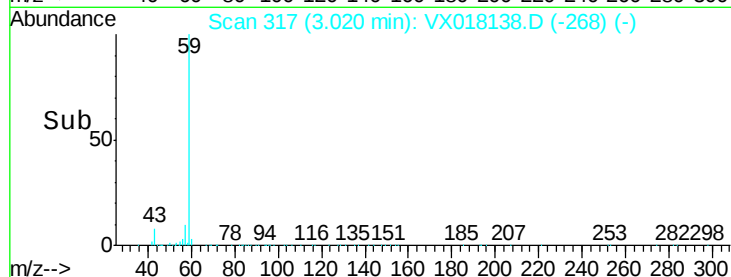
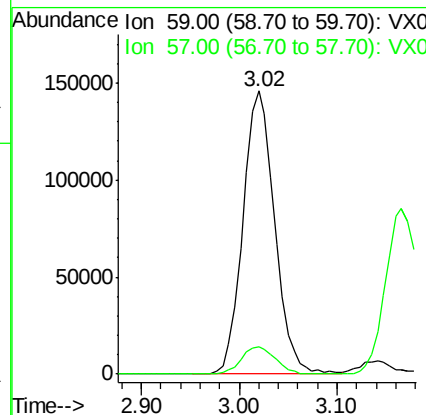
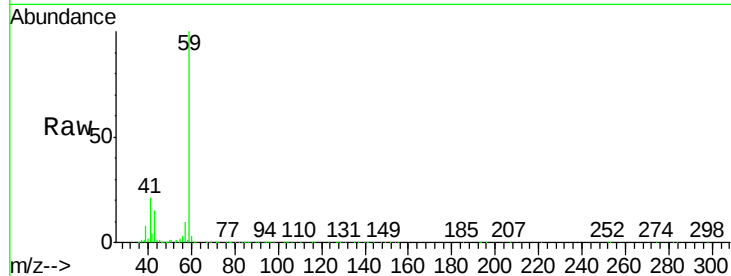
Tert butyl alcohol  
Concen: 233.903 ug/l  
RT: 3.02 min Scan# 317  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.3  | 8.9   | 13.3  |

Manual Integrations  
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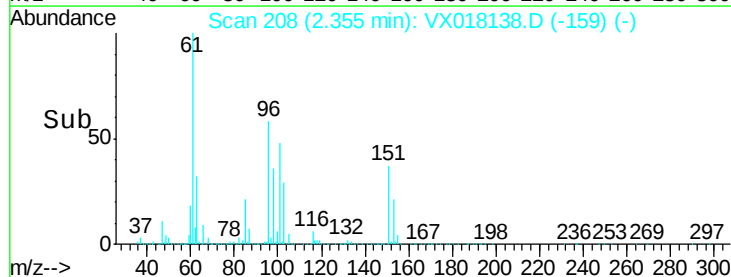
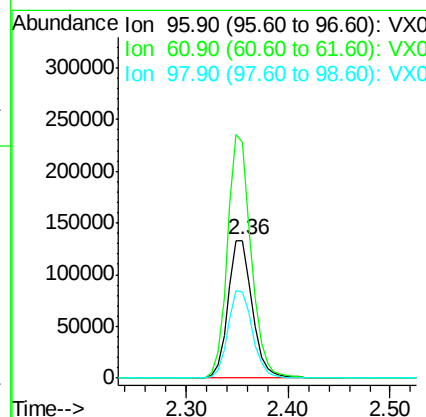
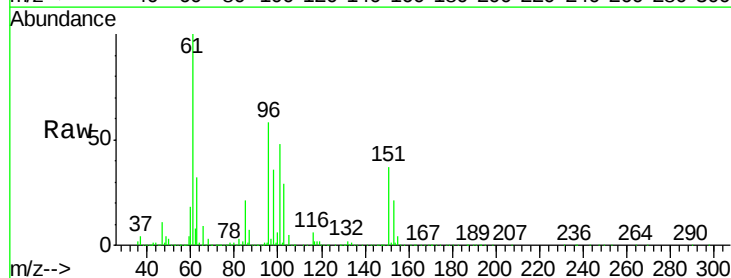
MMDadoda  
9/1/2020 9:08:58 AM

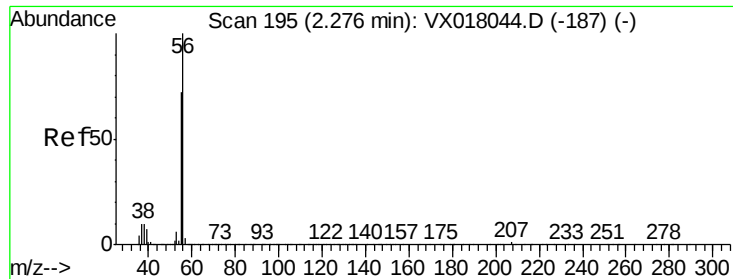


#12

1,1-Dichloroethene  
Concen: 42.874 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 171.2 | 133.0 | 199.4 |
| 98      | 62.3  | 51.6  | 77.4  |





#13

Acrolein

Concen: 327.495 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 190852

Ion Ratio Lower Upper

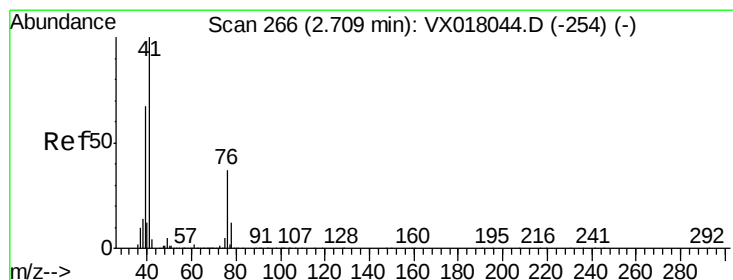
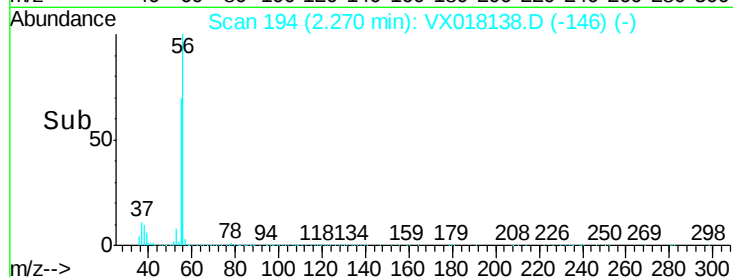
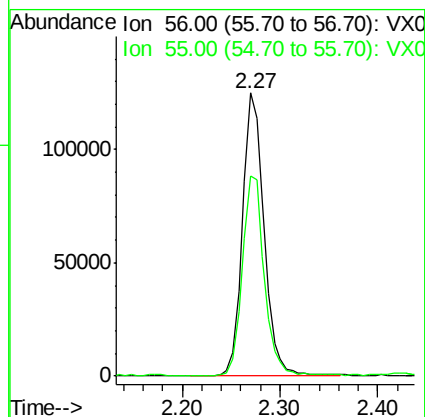
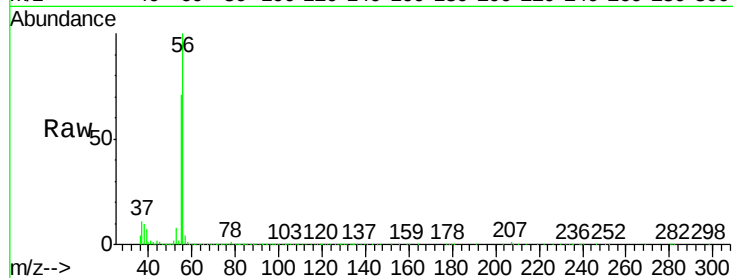
56 100

55 72.1 57.0 85.6

Manual Integrations  
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9/1/2020 9:08:58 AM



#14

Allyl chloride

Concen: 49.981 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

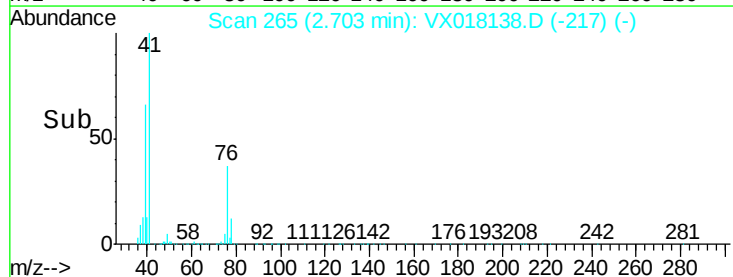
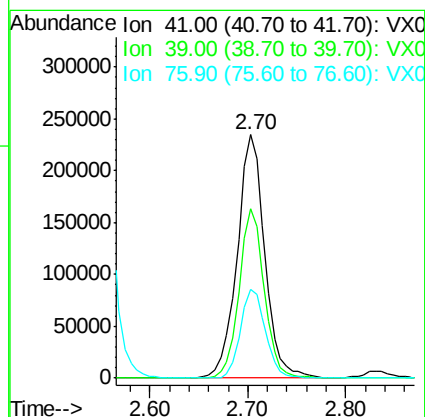
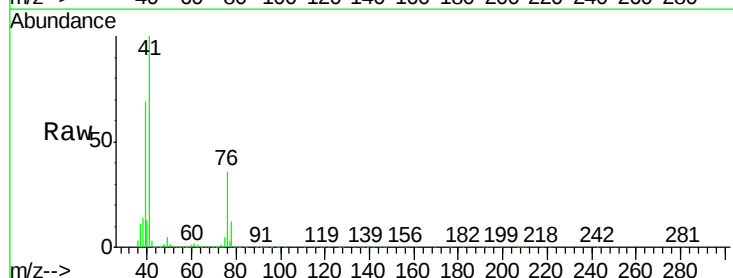
Tgt Ion: 41 Resp: 456919

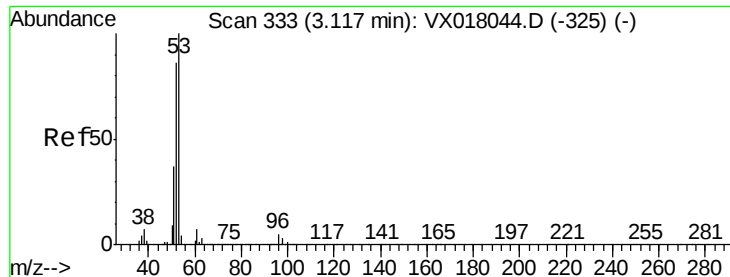
Ion Ratio Lower Upper

41 100

39 63.8 50.6 76.0

76 33.4 26.2 39.2





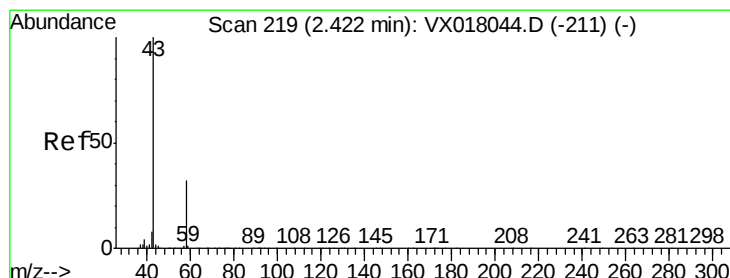
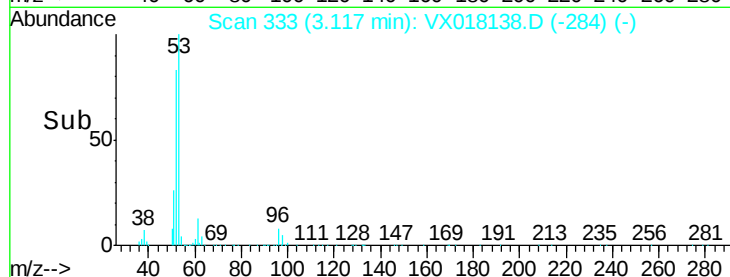
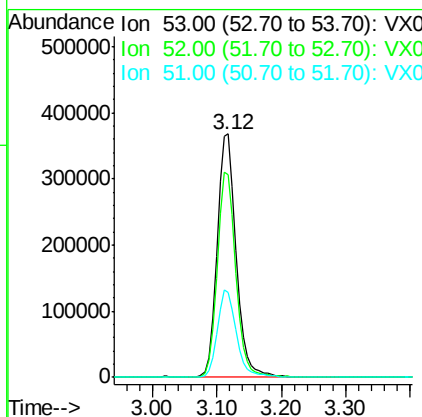
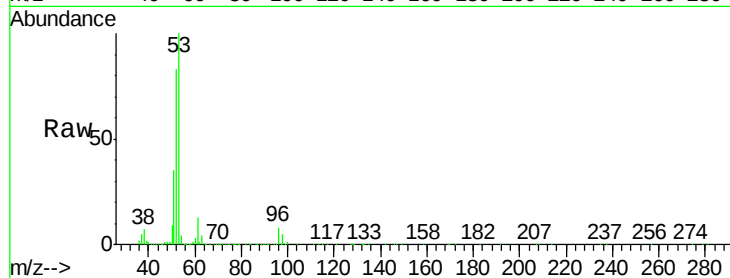
#15  
 Acrylonitrile  
 Concen: 241.541 ug/l  
 RT: 3.12 min Scan# 333  
 Delta R.T. -0.00 min  
 Lab File: VX018138.D  
 Acq: 31 Aug 2020 11:25

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 770061 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 82.6  | 66.9  | 100.3  |
| 51        | 35.9  | 28.7  | 43.1   |

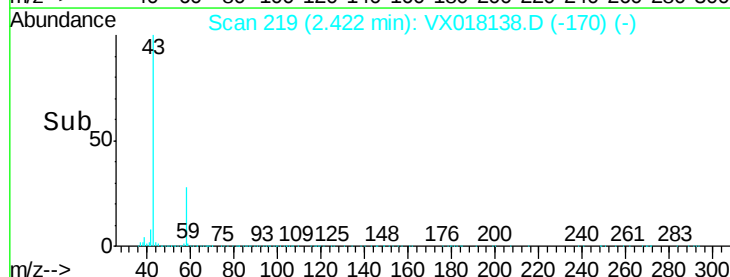
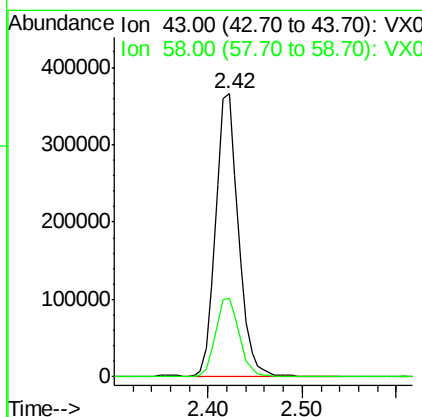
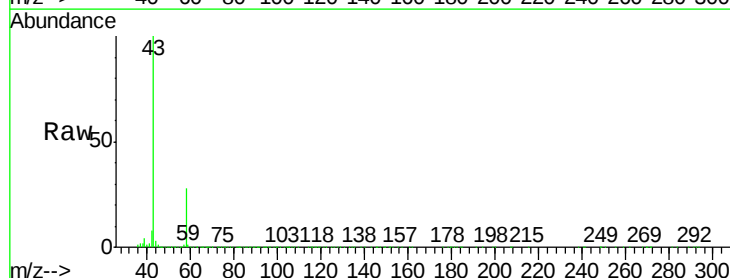
Manual Integrations  
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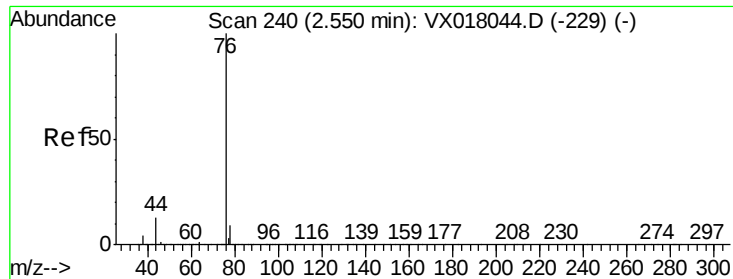
MMDadoda  
 9/1/2020 9:08:58 AM



#16  
 Acetone  
 Concen: 217.523 ug/l  
 RT: 2.42 min Scan# 219  
 Delta R.T. -0.00 min  
 Lab File: VX018138.D  
 Acq: 31 Aug 2020 11:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 612679 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 27.9  | 25.5  | 38.3   |





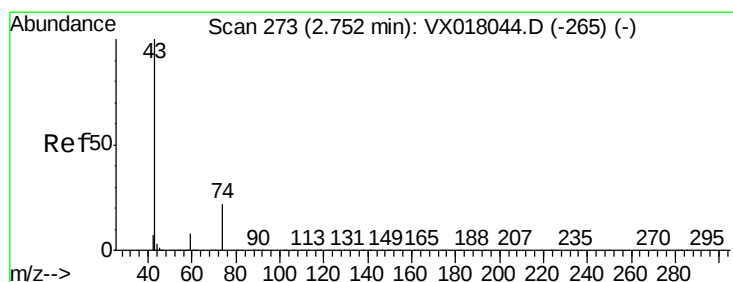
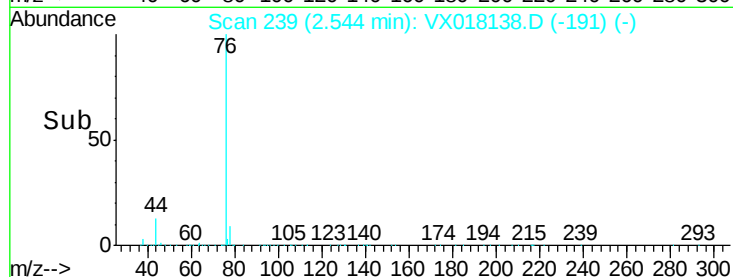
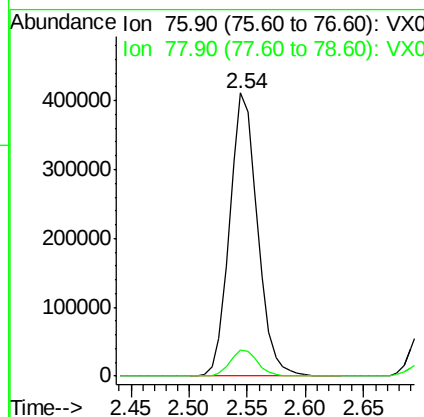
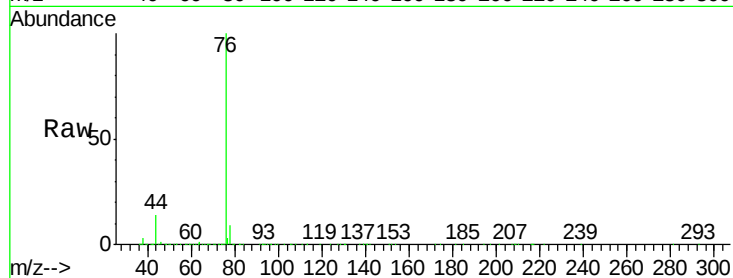
#17  
Carbon Disulfide  
Concen: 44.462 ug/l  
RT: 2.54 min Scan# 239  
Delta R.T. -0.01 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.4   | 11.0  |

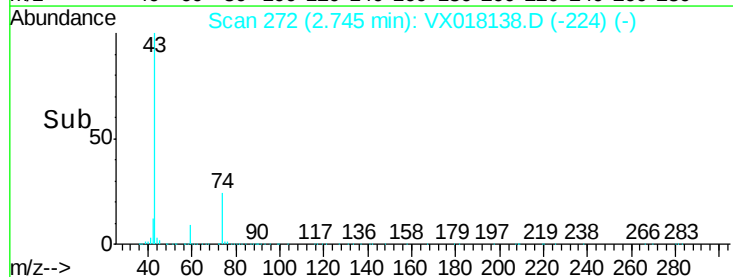
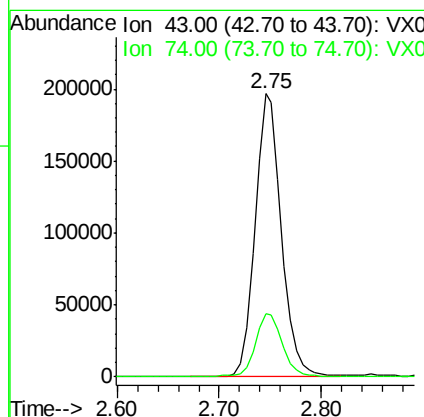
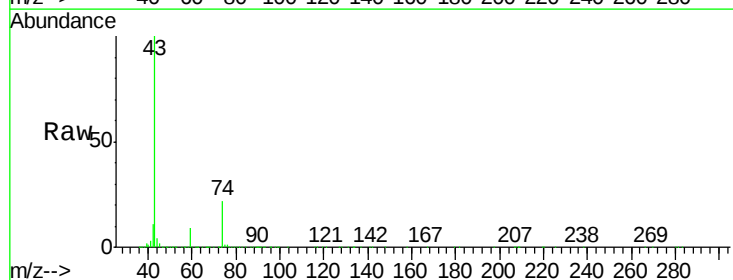
Manual Integrations  
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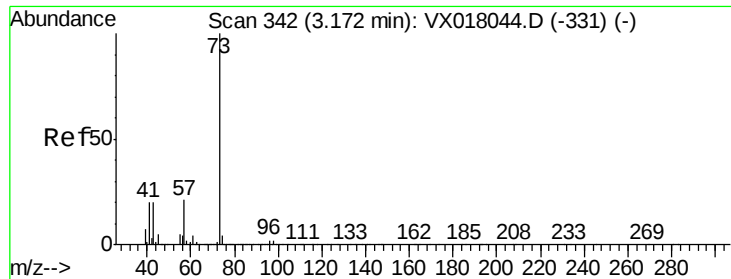
MMDadoda  
9/1/2020 9:08:58 AM



#18  
Methyl Acetate  
Concen: 51.839 ug/l  
RT: 2.75 min Scan# 272  
Delta R.T. -0.01 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.3  | 18.2  | 27.4  |





#19

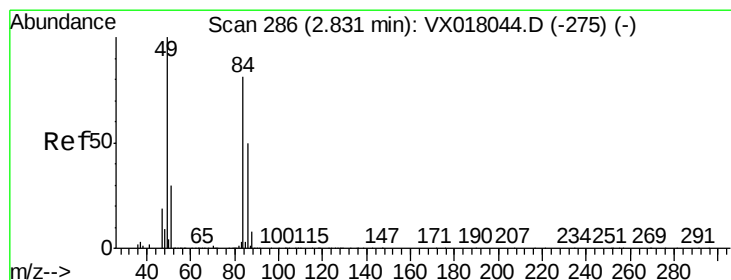
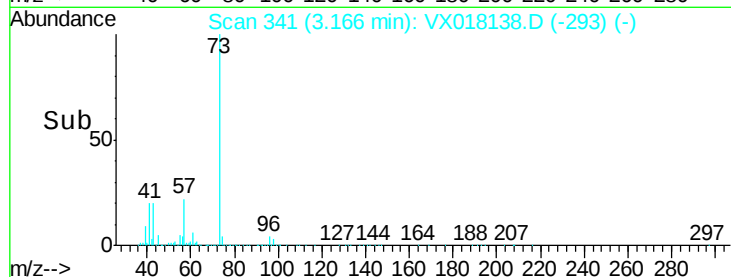
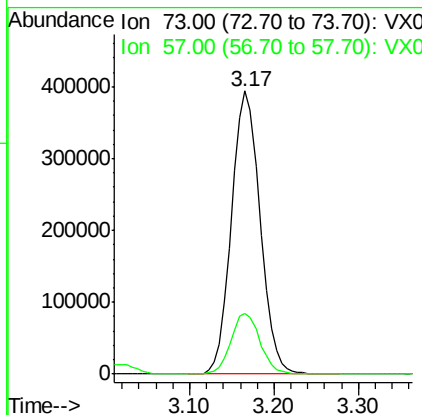
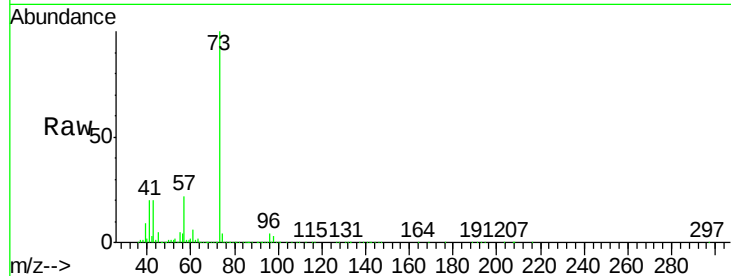
Methyl tert-butyl Ether  
 Concen: 51.804 ug/l  
 RT: 3.17 min Scan# 341  
 Delta R.T. -0.01 min  
 Lab File: VX018138.D  
 Acq: 31 Aug 2020 11:25

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.6  | 16.8  | 25.2  |

Manual Integrations  
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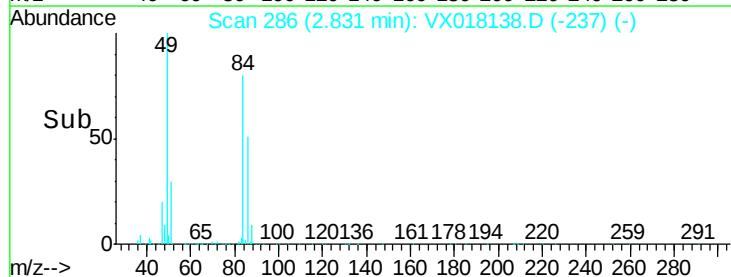
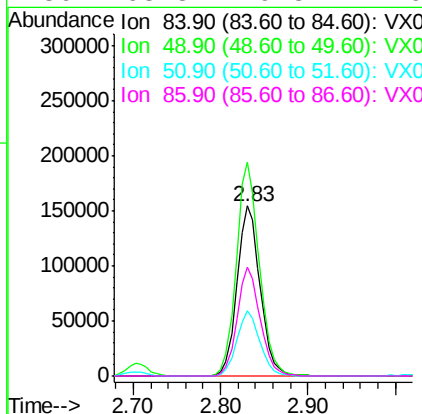
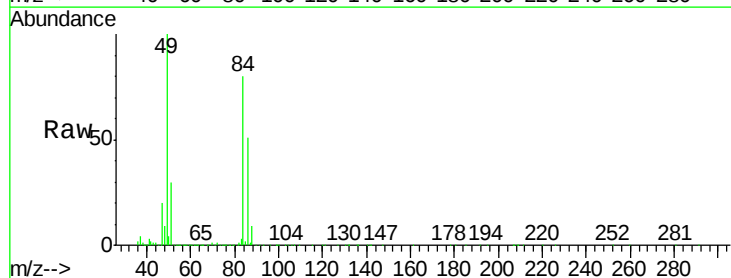
MMDadoda  
 9/1/2020 9:08:58 AM

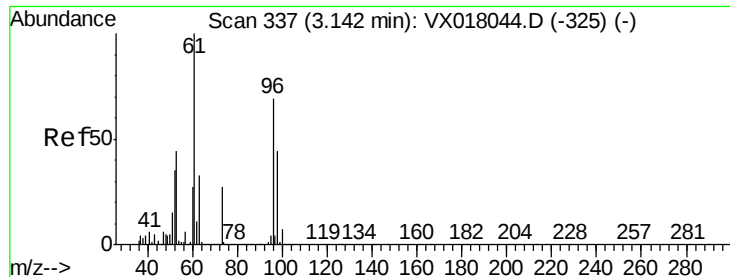


#20

Methylene Chloride  
 Concen: 49.311 ug/l  
 RT: 2.83 min Scan# 286  
 Delta R.T. 0.00 min  
 Lab File: VX018138.D  
 Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 125.4 | 98.6  | 148.0 |
| 51      | 38.1  | 29.6  | 44.4  |
| 86      | 63.8  | 49.8  | 74.6  |





#21

trans-1,2-Dichloroethene

Concen: 47.267 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

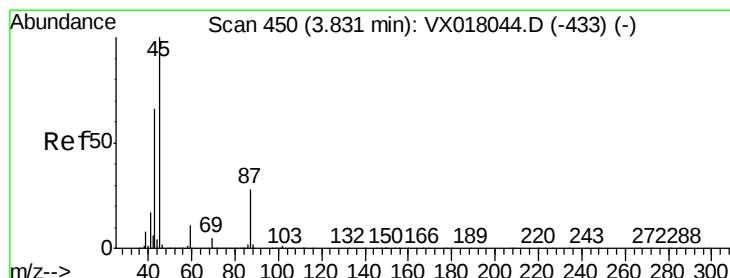
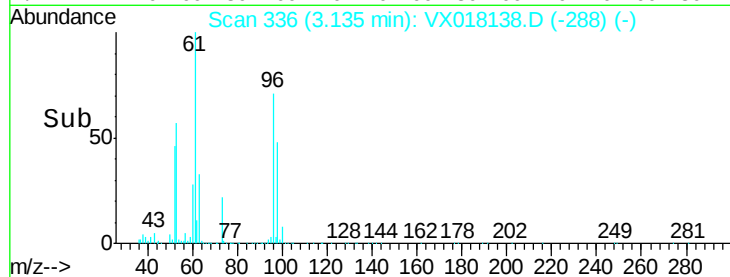
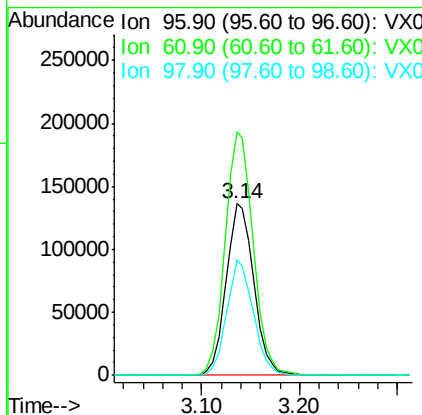
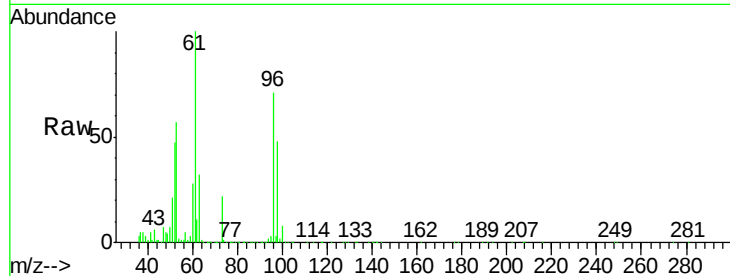
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 266466 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 141.7 | 115.4 | 173.0  |
| 98       | 67.4  | 51.1  | 76.7   |

Manual Integrations  
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MMDadoda  
9/1/2020 9:08:58 AM



#22

Diisopropyl ether

Concen: 50.354 ug/l

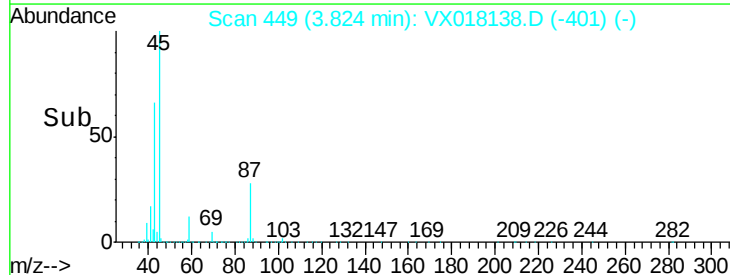
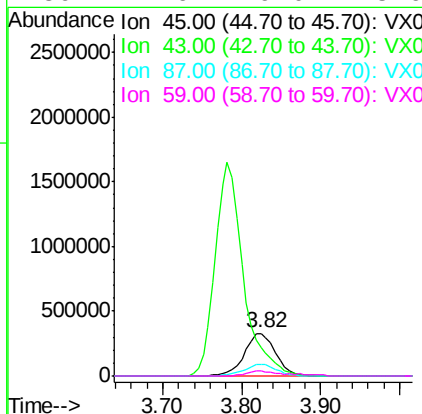
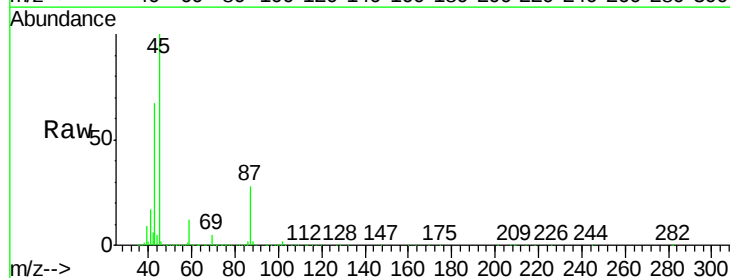
RT: 3.82 min Scan# 449

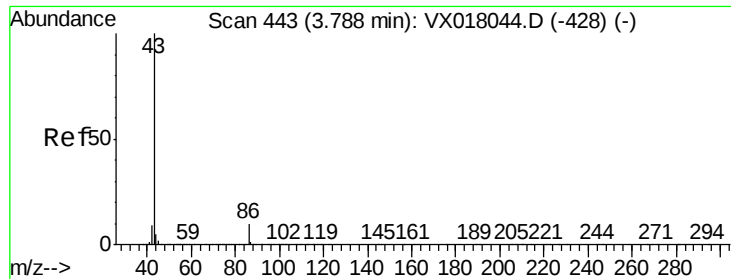
Delta R.T. -0.01 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 908545 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 65.9  | 52.8  | 79.2   |
| 87       | 28.1  | 22.5  | 33.7   |
| 59       | 11.6  | 9.0   | 13.6   |





#23

Vinyl Acetate

Concen: 258.419 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Tot Ion: 43 Resp: 4148925

Ion Ratio Lower Upper

43 100

86 9.8 7.9 11.9

Instrument :

MSVOA\_X

ClientSampleId :

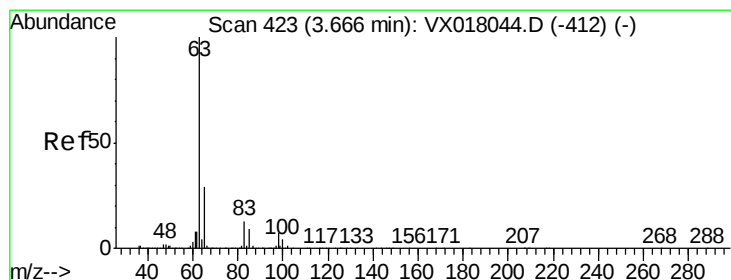
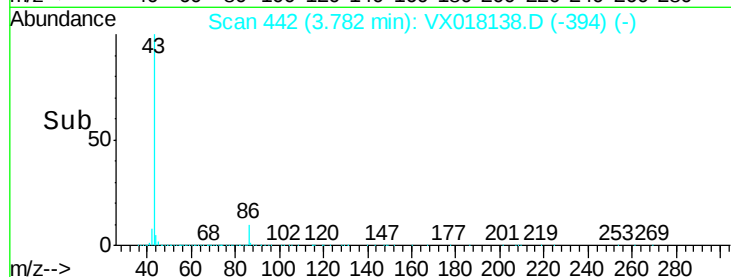
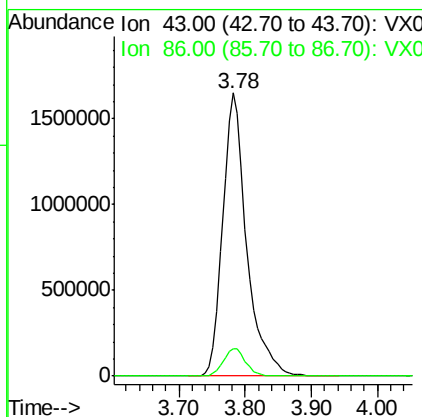
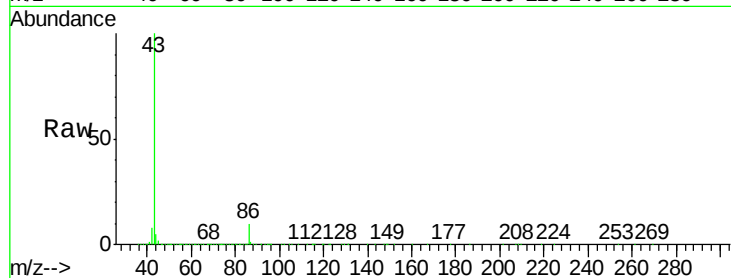
VSTDCCC050

Manual Integrations

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MMDadoda

9/1/2020 9:08:58 AM



#24

1,1-Dichloroethane

Concen: 48.966 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

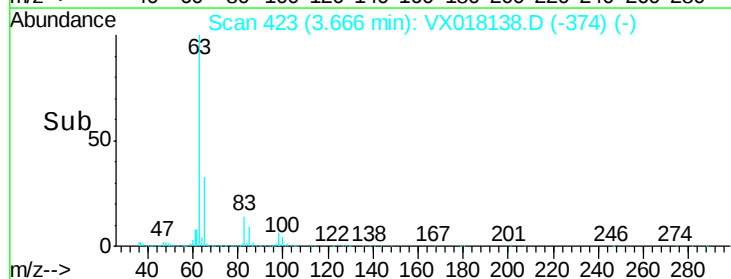
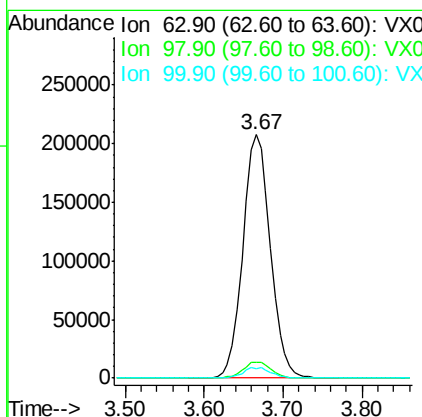
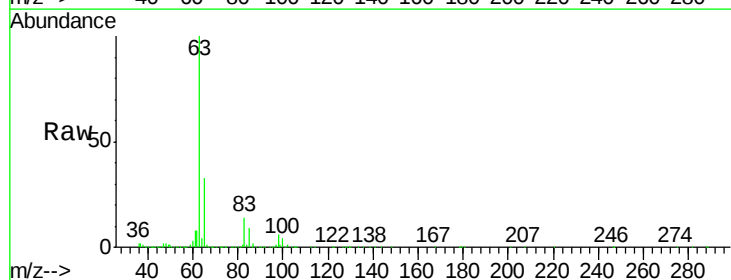
Tgt Ion: 63 Resp: 502931

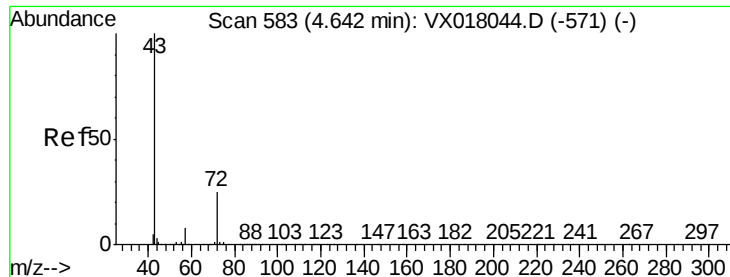
Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 231.552 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1071853

Ion Ratio Lower Upper

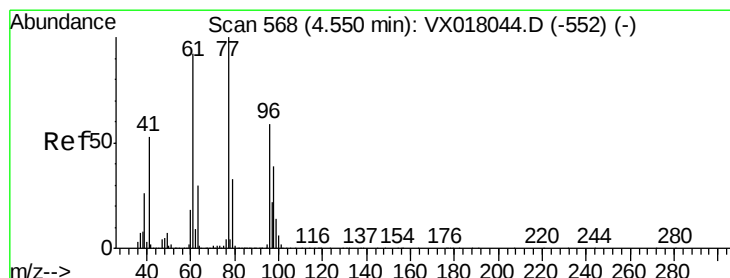
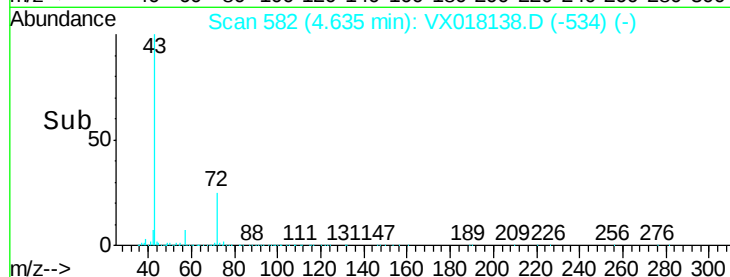
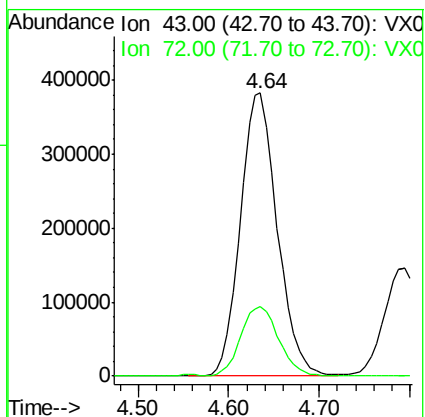
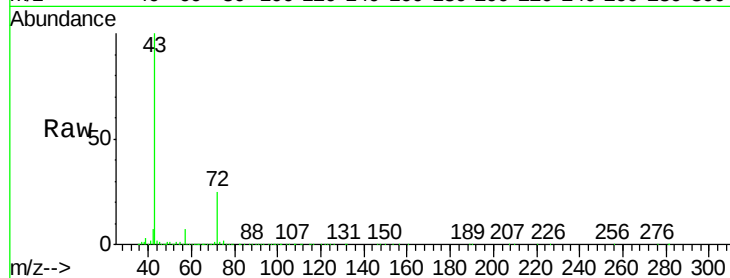
43 100

72 24.6 19.8 29.6

Manual Integrations  
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9/1/2020 9:08:58 AM



#26

2,2-Dichloropropane

Concen: 55.321 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018138.D

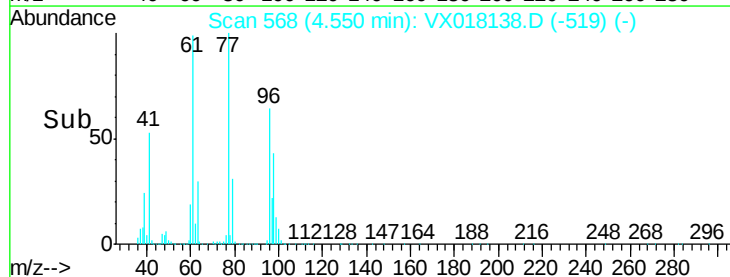
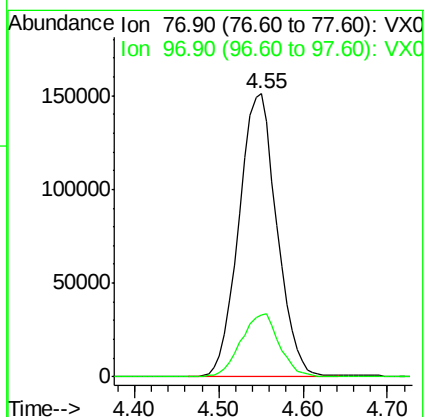
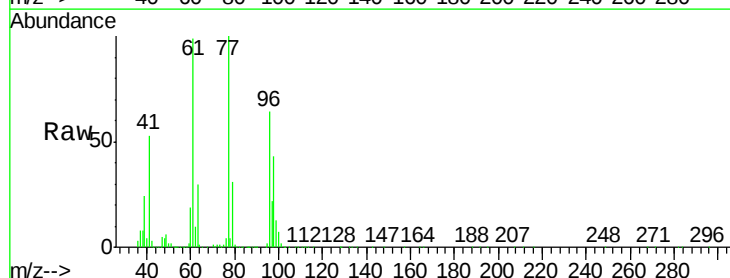
Acq: 31 Aug 2020 11:25

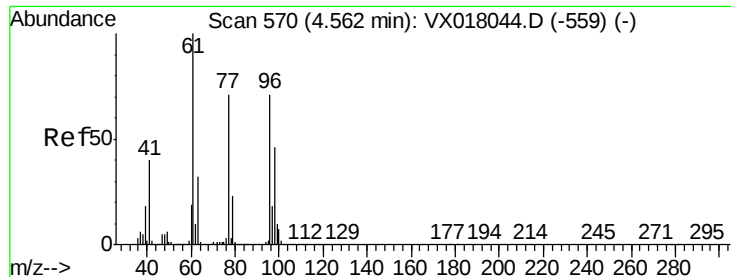
Tgt Ion: 77 Resp: 462313

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.5





#27

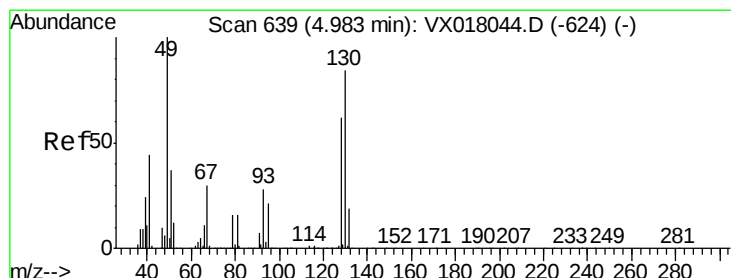
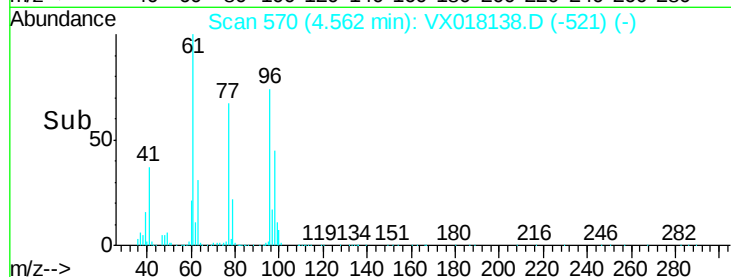
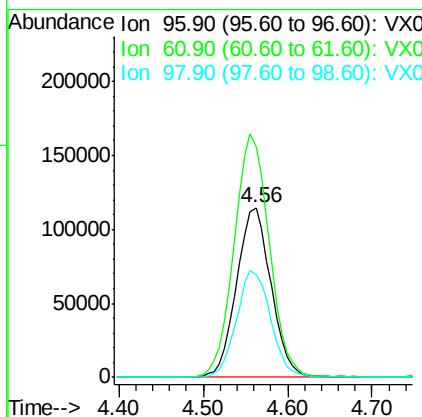
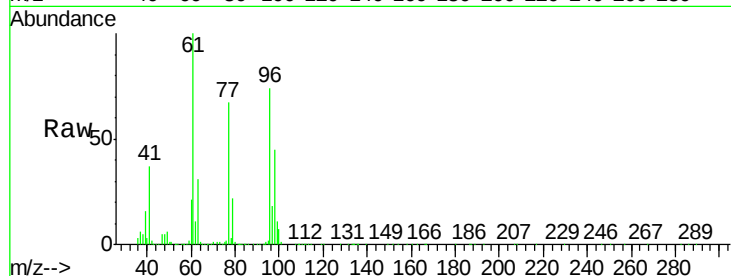
cis-1,2-Dichloroethene  
Concen: 48.869 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 317418 |       |       |
| 61      | 146.8 | 0.0    | 296.6 |       |
| 98      | 62.7  | 0.0    | 130.2 |       |

Manual Integrations  
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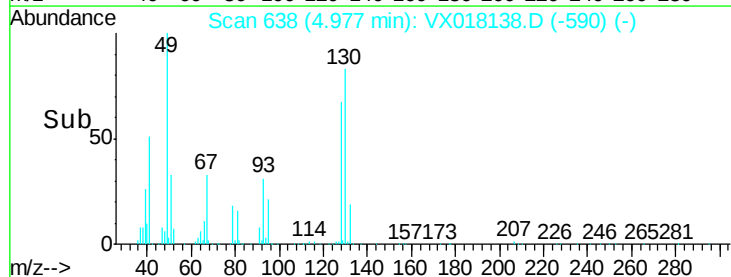
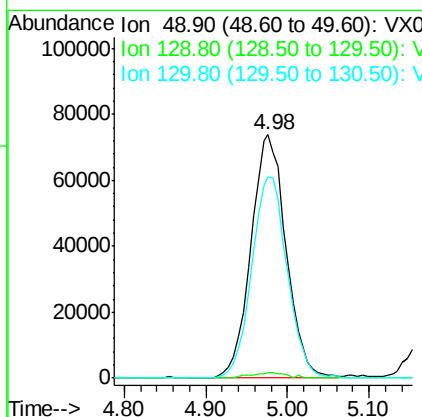
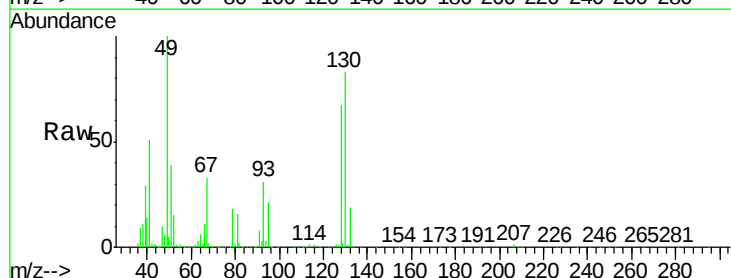
MMDadoda  
9/1/2020 9:08:58 AM

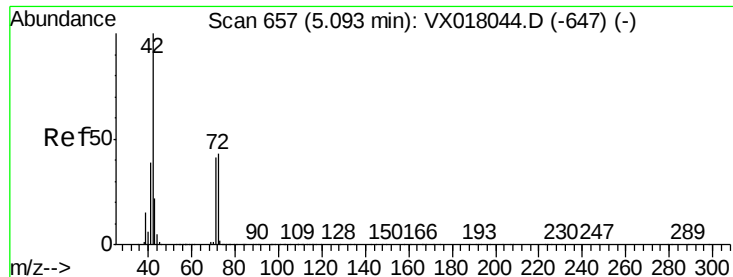


#28

Bromochloromethane  
Concen: 44.678 ug/l  
RT: 4.98 min Scan# 638  
Delta R.T. -0.01 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 221501 |       |       |
| 129     | 2.2   | 0.0    | 4.6   |       |
| 130     | 83.8  | 64.6   | 96.8  |       |





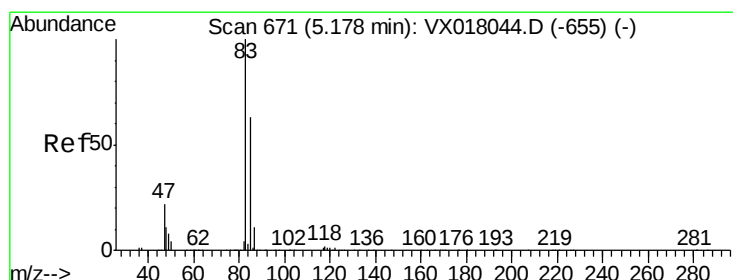
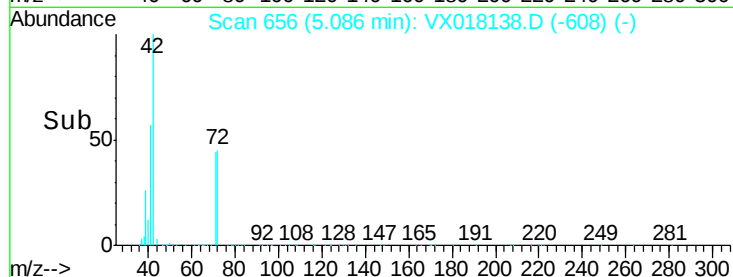
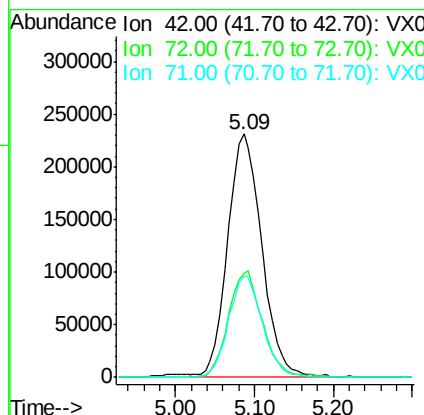
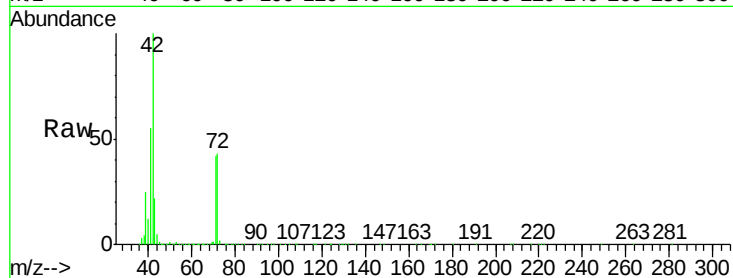
#29  
Tetrahydrofuran  
Concen: 235.087 ug/l  
RT: 5.09 min Scan# 656  
Delta R.T. -0.01 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.9  | 34.2  | 51.4  |
| 71      | 41.3  | 32.1  | 48.1  |

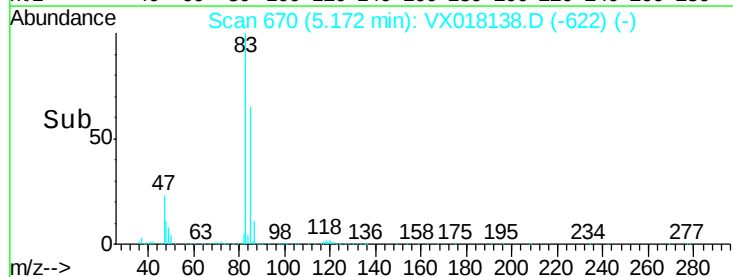
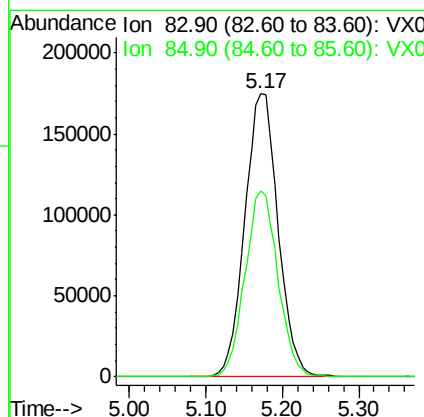
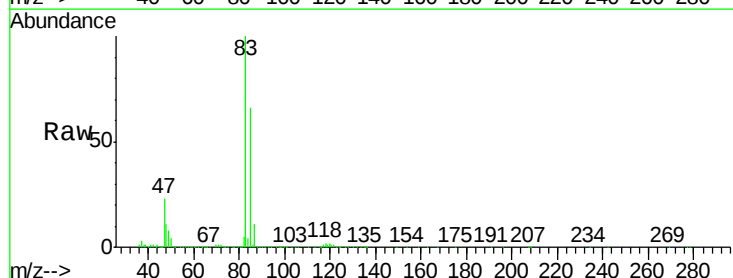
Manual Integrations  
APPROVED

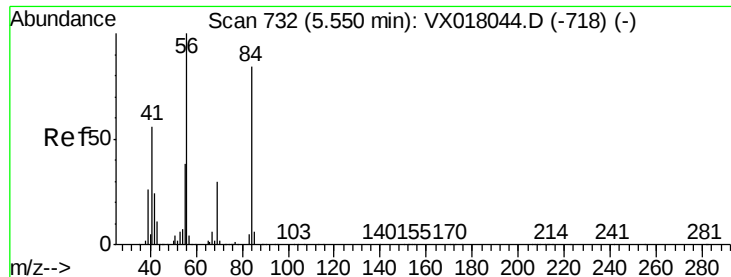
MMDadoda  
9/1/2020 9:08:58 AM



#30  
Chloroform  
Concen: 49.831 ug/l  
RT: 5.17 min Scan# 670  
Delta R.T. -0.01 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.6  | 50.7  | 76.1  |





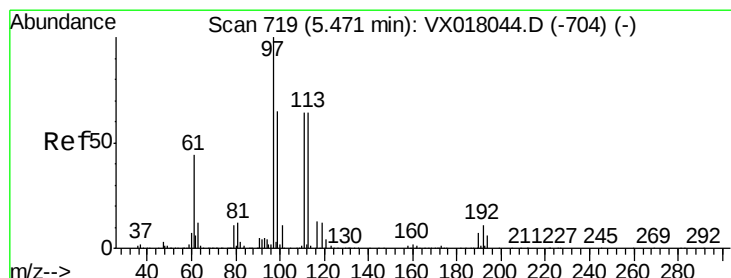
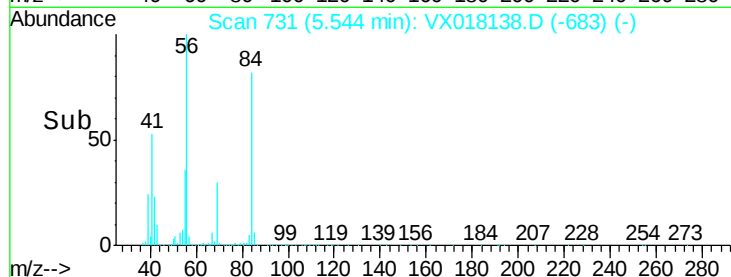
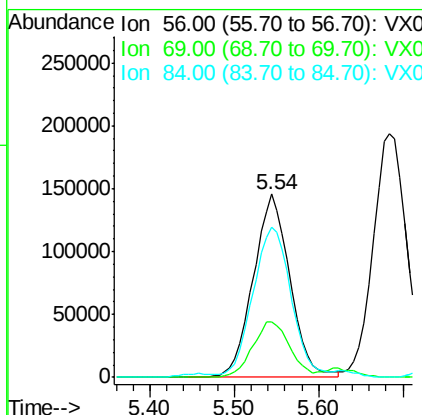
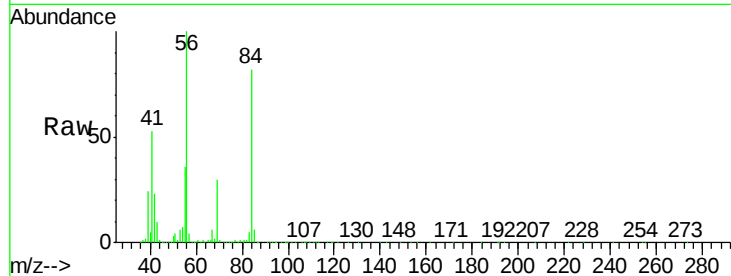
#31  
Cyclohexane  
Concen: 50.105 ug/l  
RT: 5.54 min Scan# 731  
Delta R.T. -0.01 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 30.1  | 23.9  | 35.9  |
| 84      | 79.9  | 67.0  | 100.4 |

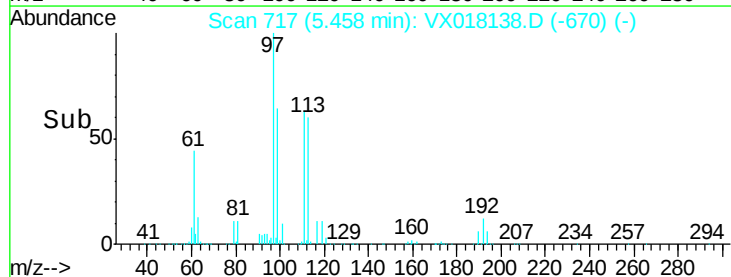
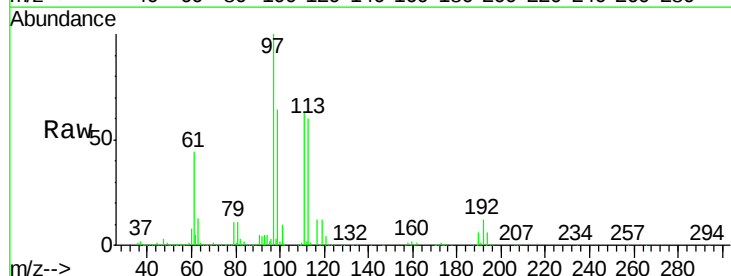
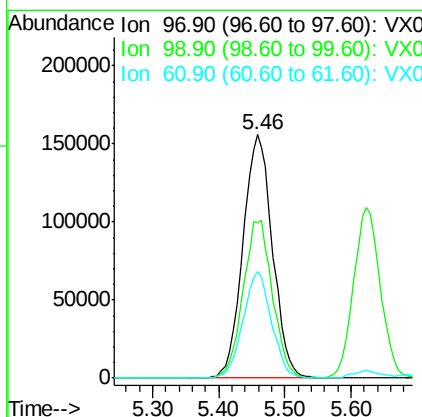
Manual Integrations  
APPROVED

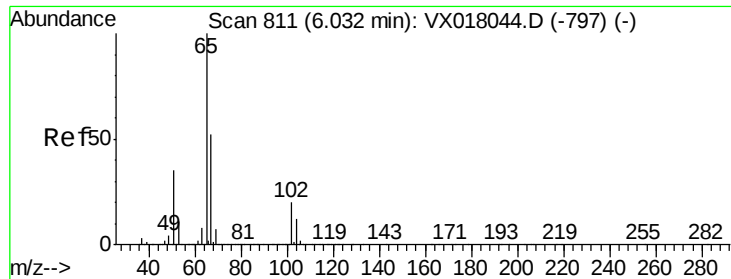
MMDadoda  
9/1/2020 9:08:58 AM



#32  
1,1,1-Trichloroethane  
Concen: 49.383 ug/l  
RT: 5.46 min Scan# 717  
Delta R.T. -0.01 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.9  | 51.4  | 77.0  |
| 61      | 42.2  | 34.2  | 51.4  |





#33

1,2-Dichloroethane-d4

Concen: 49.129 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018138.D

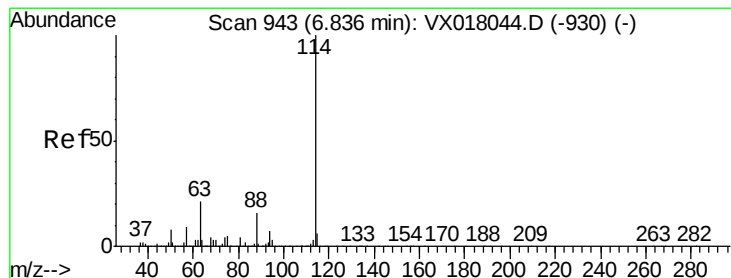
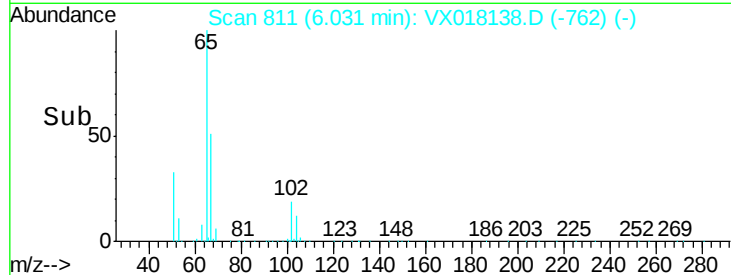
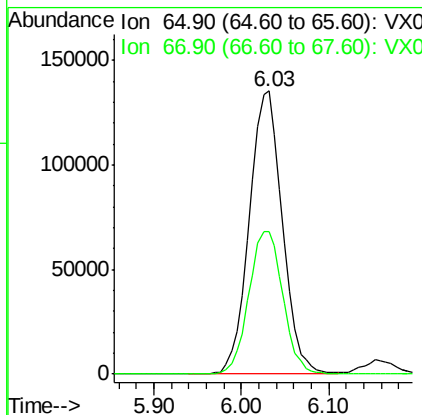
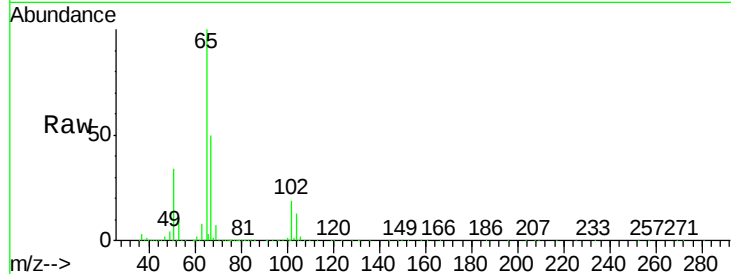
Acq: 31 Aug 2020 11:25

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 52.1  | 0.0  | 105.8 |       |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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9/1/2020 9:08:58 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

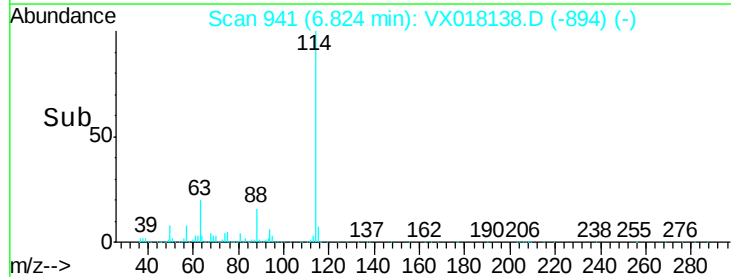
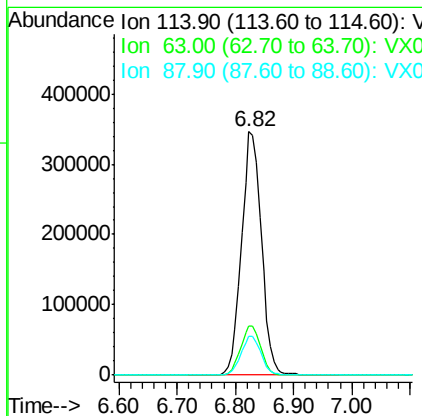
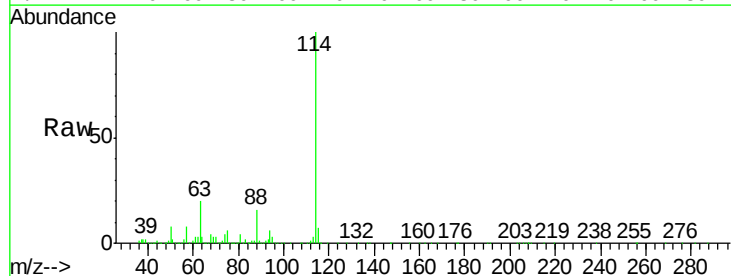
RT: 6.82 min Scan# 941

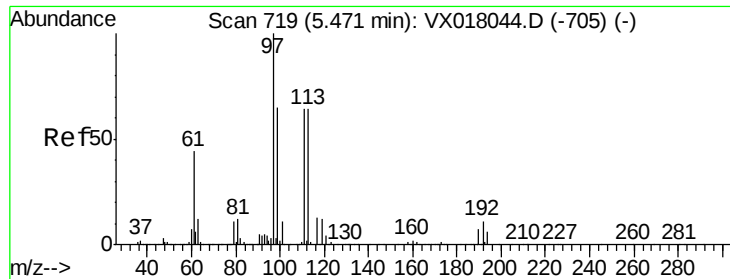
Delta R.T. -0.01 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 19.9  | 0.0  | 42.6  |       |
| 88      | 16.1  | 0.0  | 31.8  |       |





#35

Dibromofluoromethane

Concen: 49.480 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

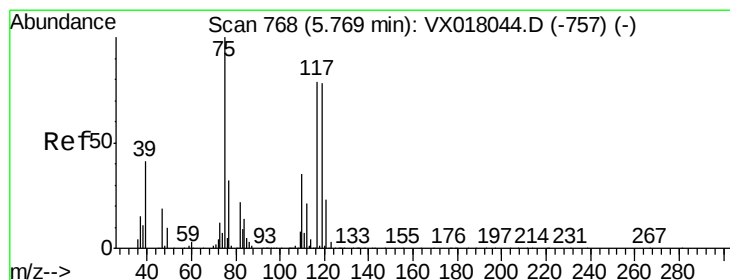
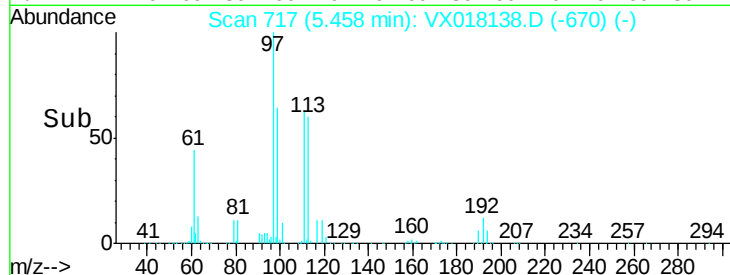
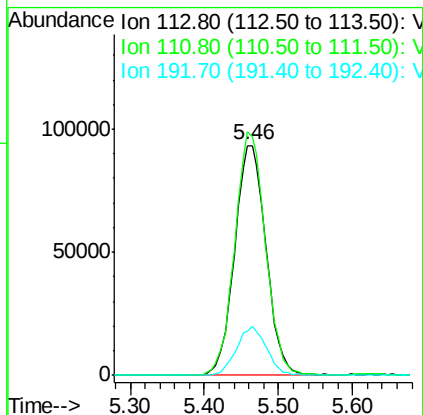
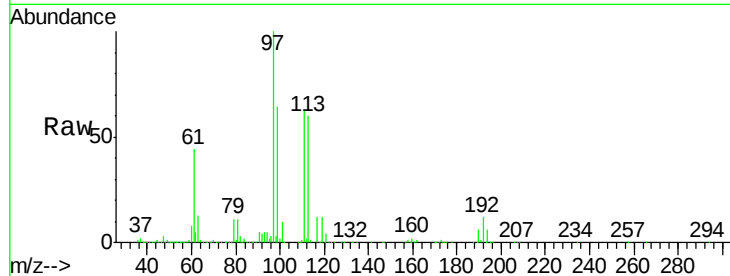
ClientSampled :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 276414 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.2 | 81.6  | 122.4  |
| 192       | 20.4  | 15.8  | 23.8   |

Manual Integrations  
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9/1/2020 9:08:58 AM



#36

1,1-Dichloropropene

Concen: 51.000 ug/l

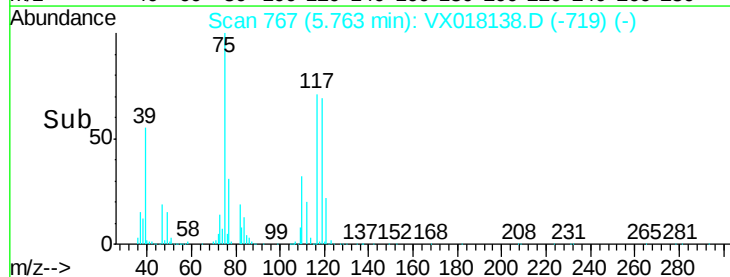
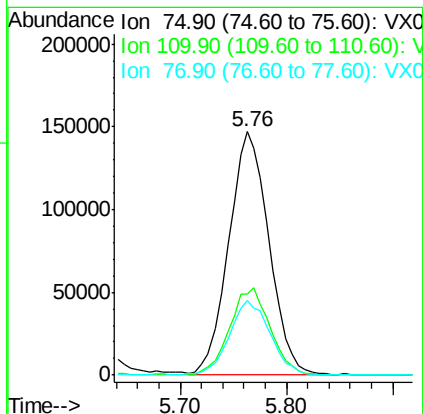
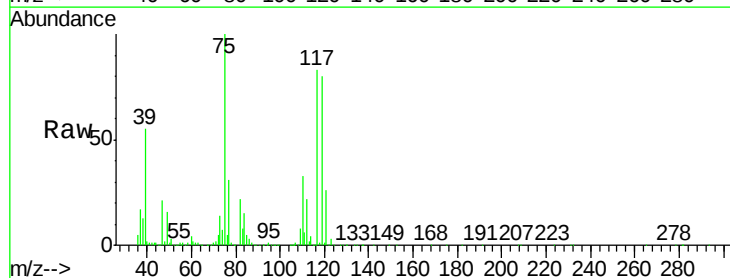
RT: 5.76 min Scan# 767

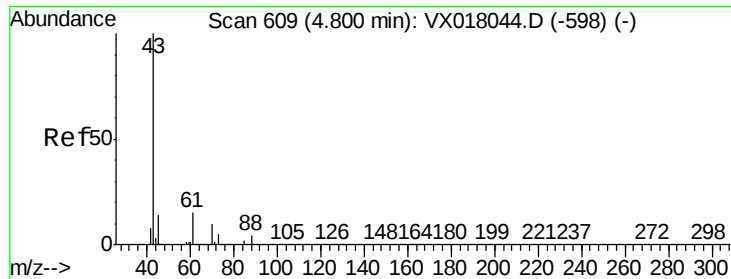
Delta R.T. -0.01 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 385847 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.3  | 18.0  | 54.0   |
| 77        | 30.8  | 24.4  | 36.6   |





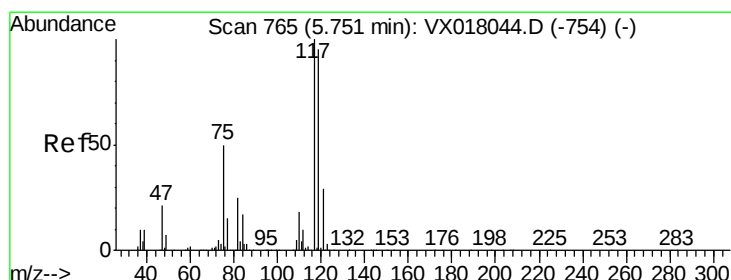
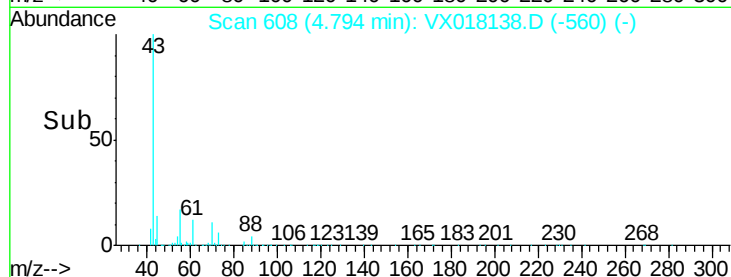
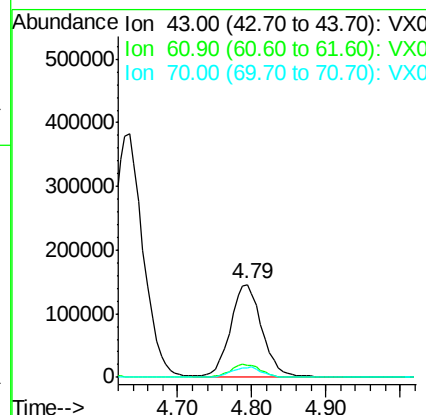
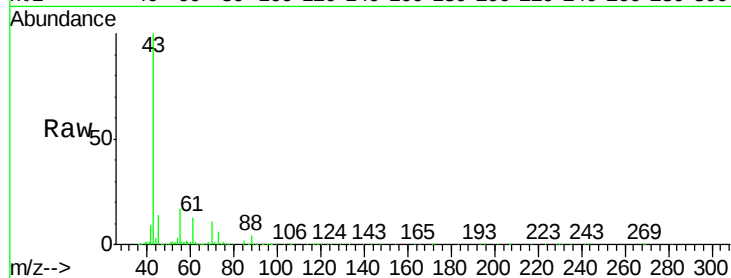
#37  
Ethyl Acetate  
Concen: 48.950 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. -0.01 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 430128 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 13.4  | 11.3  | 16.9   |
| 70       | 10.8  | 8.2   | 12.4   |

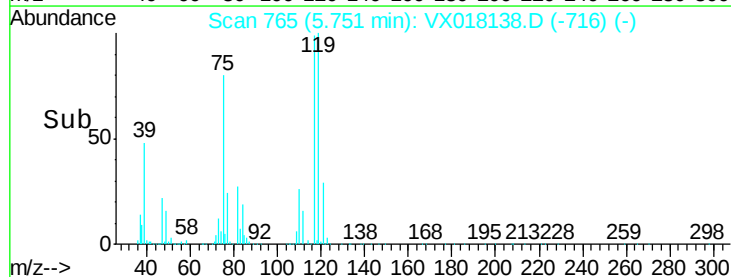
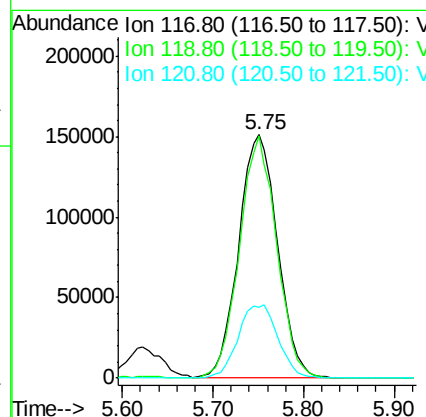
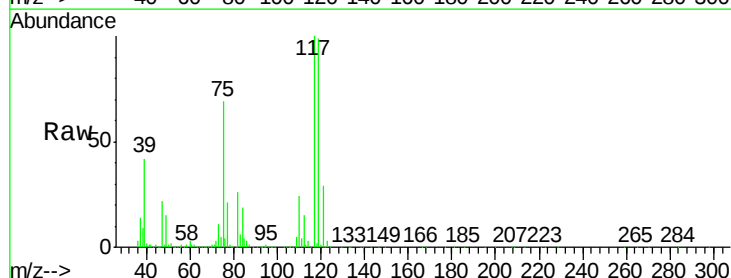
Manual Integrations  
APPROVED

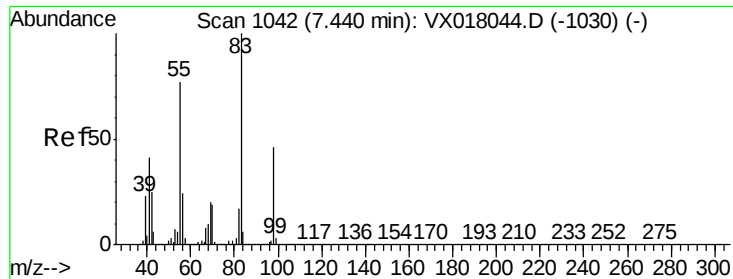
MMDadoda  
9/1/2020 9:08:58 AM



#38  
Carbon Tetrachloride  
Concen: 52.533 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 447907 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 99.4  | 75.8  | 113.6  |
| 121      | 29.1  | 23.4  | 35.0   |





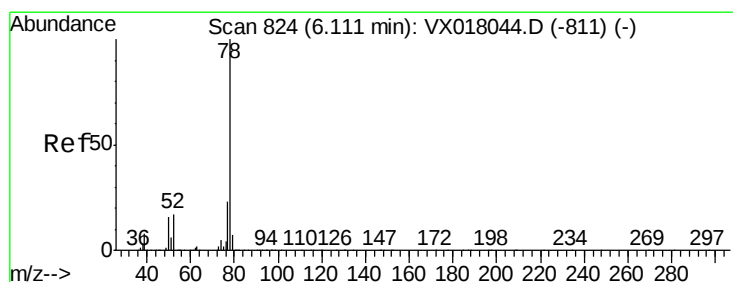
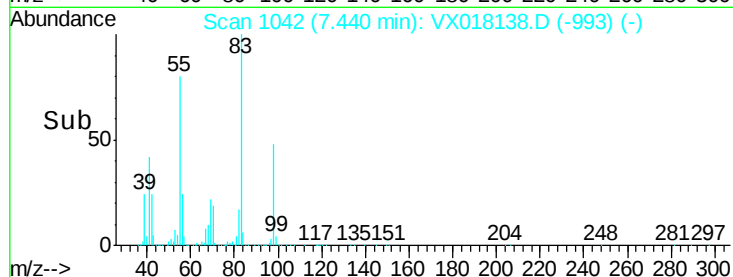
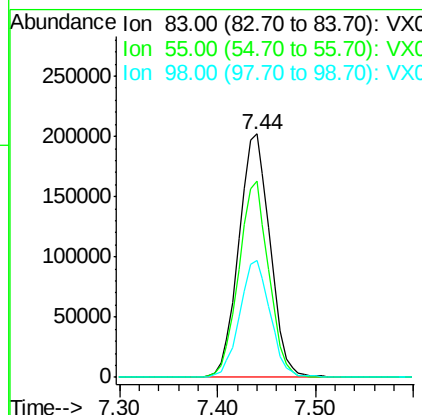
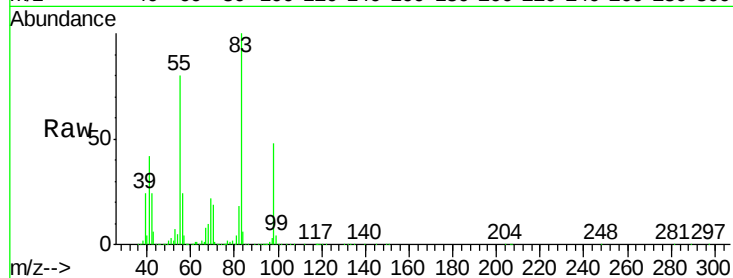
#39  
Methvlcvclohexane  
Concen: 54.067 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 80.4  | 61.8  | 92.6  |
| 98      | 48.0  | 36.6  | 55.0  |

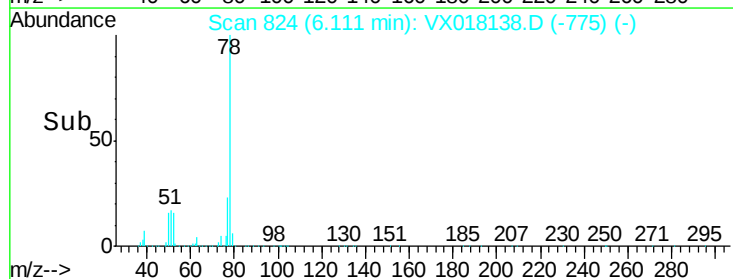
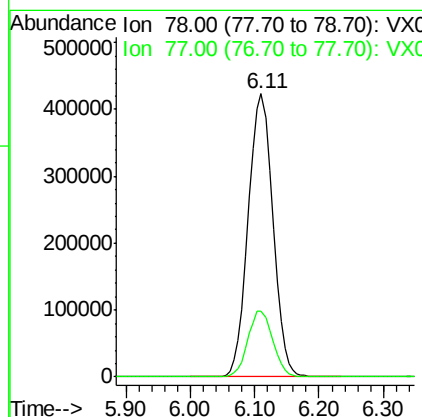
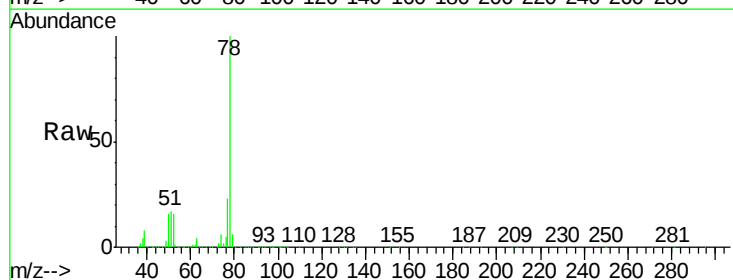
Manual Integrations  
APPROVED

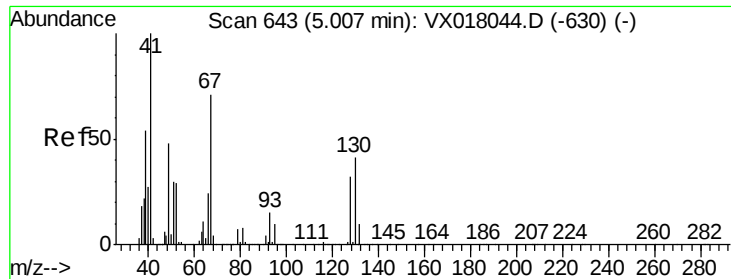
MMDadoda  
9/1/2020 9:08:58 AM



#40  
Benzene  
Concen: 50.047 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.3  | 18.2  | 27.2  |





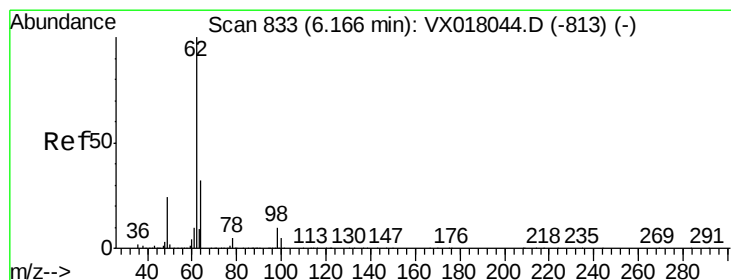
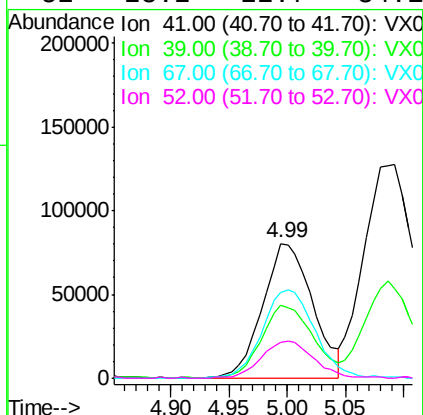
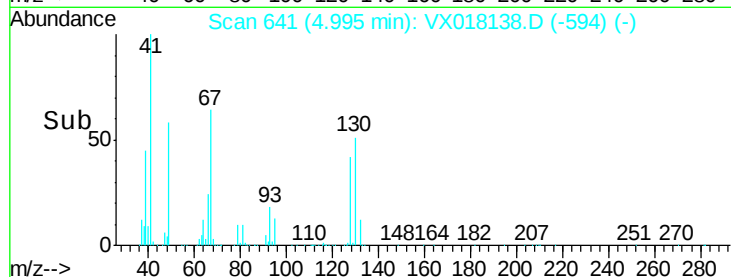
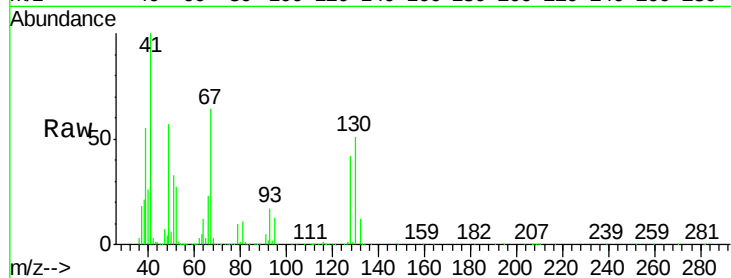
#41  
Methacrylonitrile  
Concen: 49.337 ug/l  
RT: 4.99 min Scan# 641  
Delta R.T. -0.01 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 56.4 | 43.1  | 64.7  |       |
| 67      | 69.0 | 56.0  | 84.0  |       |
| 52      | 28.2 | 22.7  | 34.1  |       |

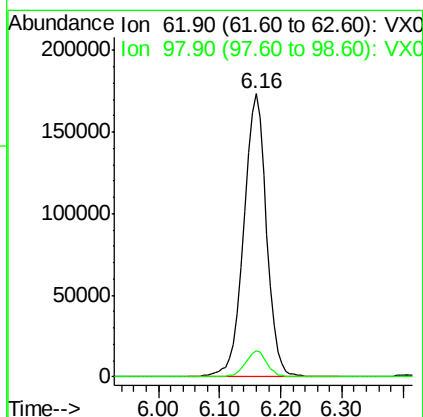
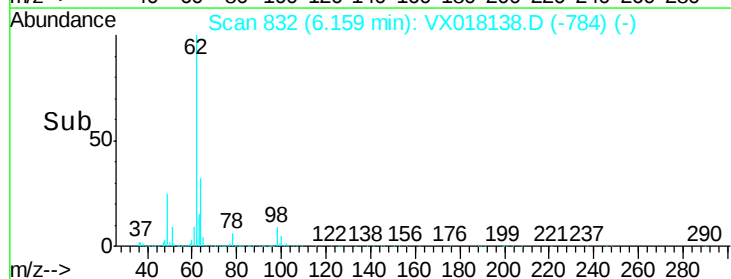
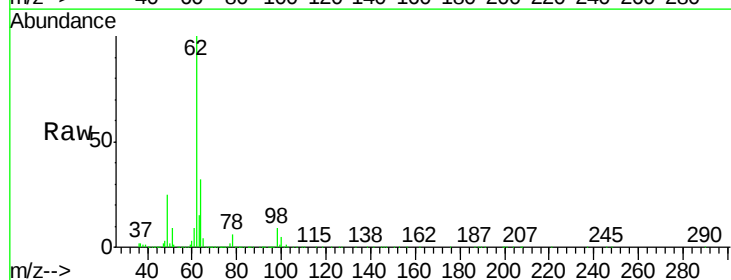
Manual Integrations  
APPROVED

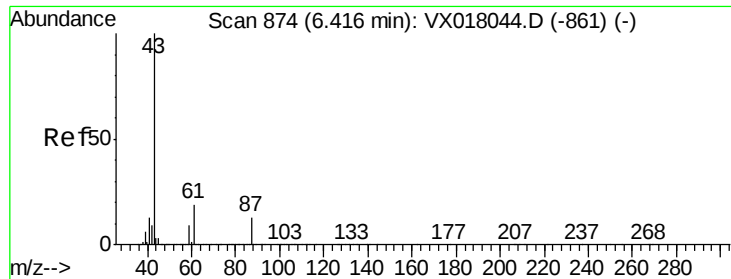
MMDadoda  
9/1/2020 9:08:58 AM



#42  
1,2-Dichloroethane  
Concen: 52.429 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.8 | 0.0   | 18.2  |       |





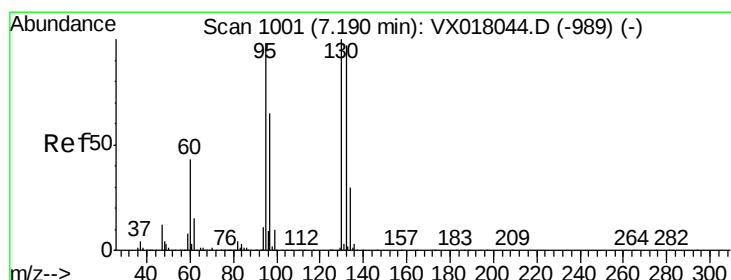
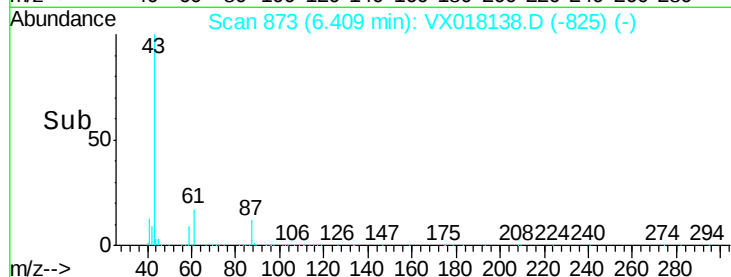
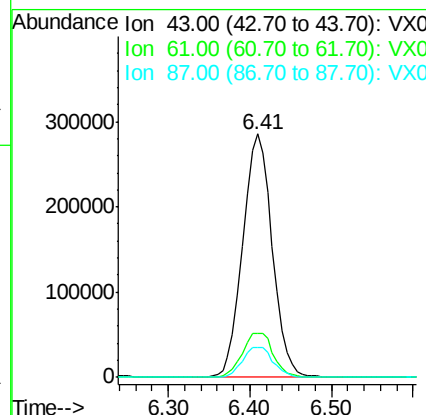
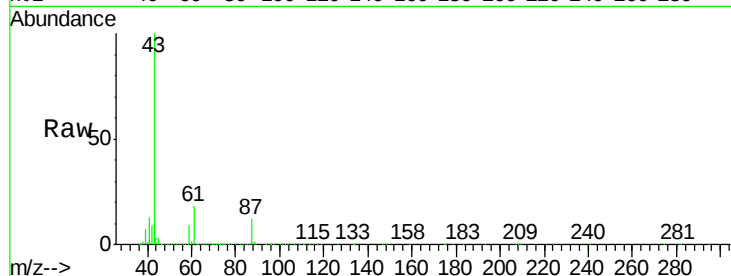
#43  
Isopropyl Acetate  
Concen: 50.267 ug/l  
RT: 6.41 min Scan# 873  
Delta R.T. -0.01 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.3  | 15.7  | 23.5  |
| 87      | 13.1  | 10.3  | 15.5  |

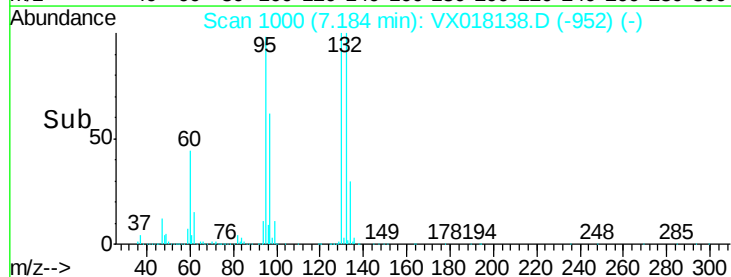
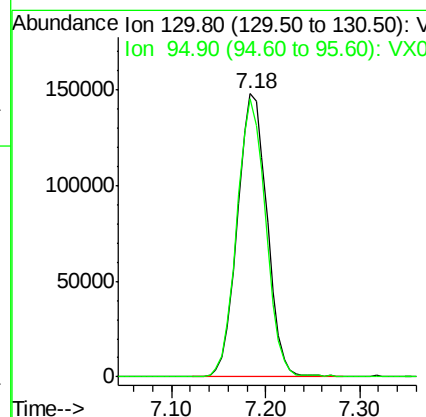
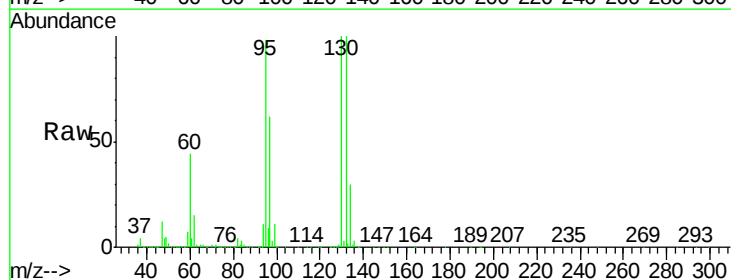
Manual Integrations  
APPROVED

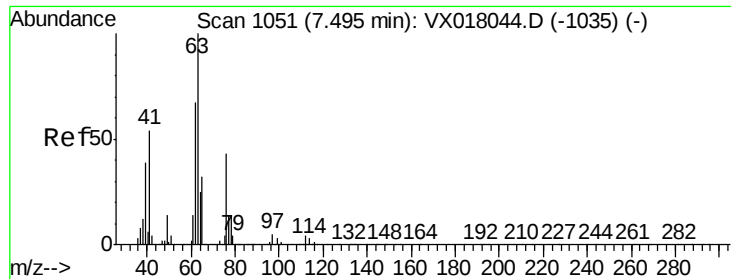
MMDadoda  
9/1/2020 9:08:58 AM



#44  
Trichloroethene  
Concen: 51.699 ug/l  
RT: 7.18 min Scan# 1000  
Delta R.T. -0.01 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 98.1  | 0.0   | 196.4 |





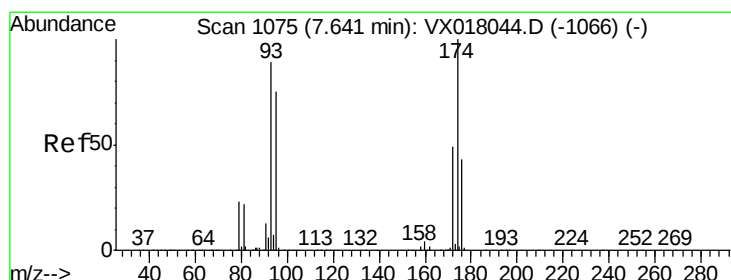
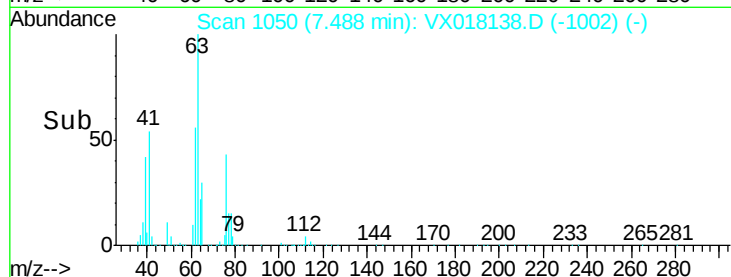
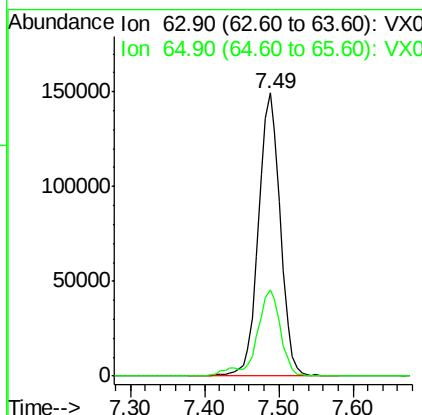
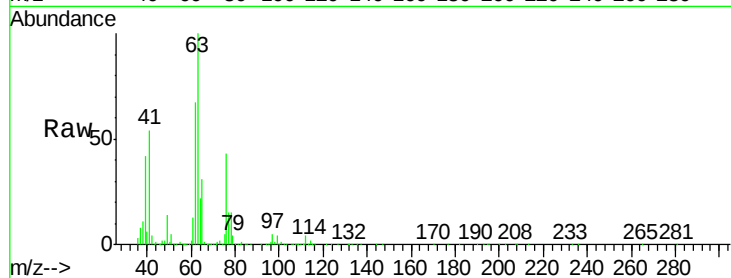
#45  
 1,2-Dichloropropane  
 Concen: 51.321 ug/l  
 RT: 7.49 min Scan# 1050  
 Delta R.T. -0.01 min  
 Lab File: VX018138.D  
 Acq: 31 Aug 2020 11:25

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.6  | 25.7  | 38.5  |

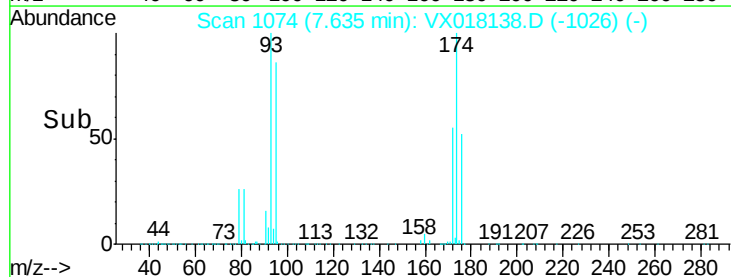
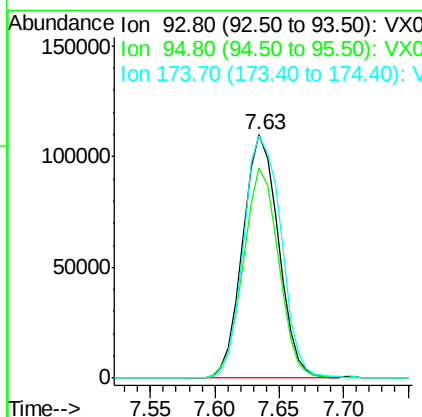
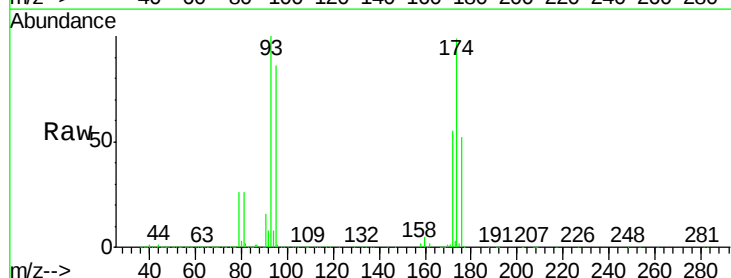
Manual Integrations  
 APPROVED

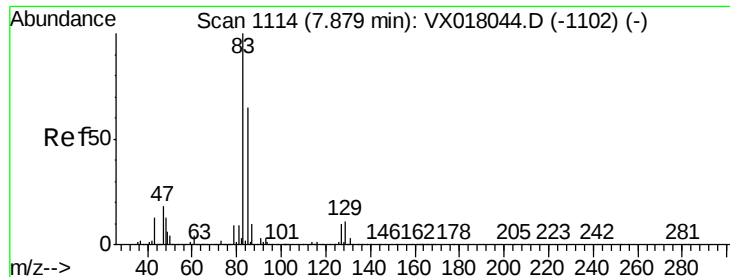
MMDadoda  
 9/1/2020 9:08:58 AM



#46  
 Dibromomethane  
 Concen: 50.132 ug/l  
 RT: 7.63 min Scan# 1074  
 Delta R.T. -0.01 min  
 Lab File: VX018138.D  
 Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 85.6  | 67.3  | 100.9 |
| 174     | 105.0 | 82.2  | 123.2 |





#47

Bromodichloromethane

Concen: 51.828 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

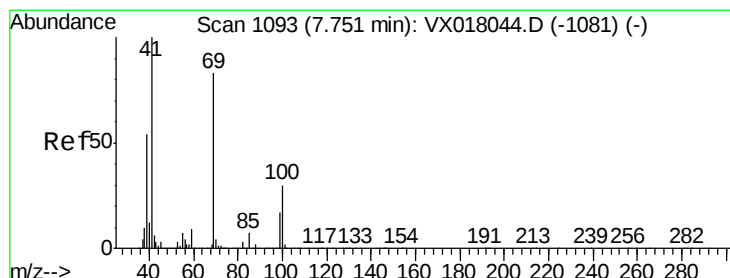
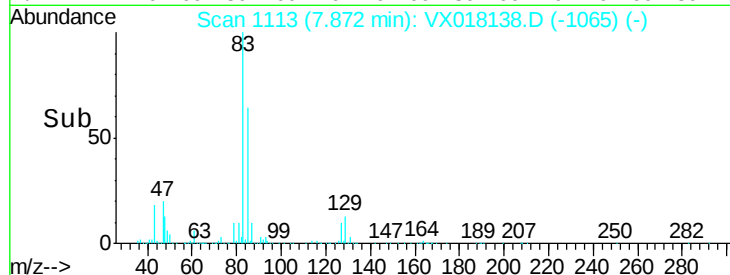
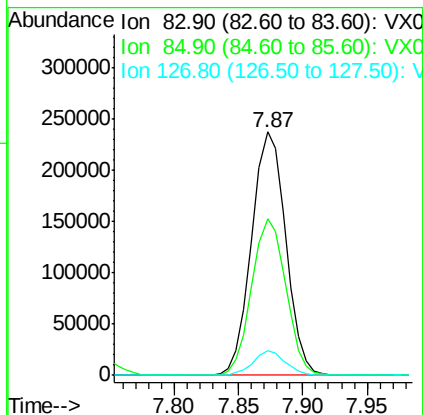
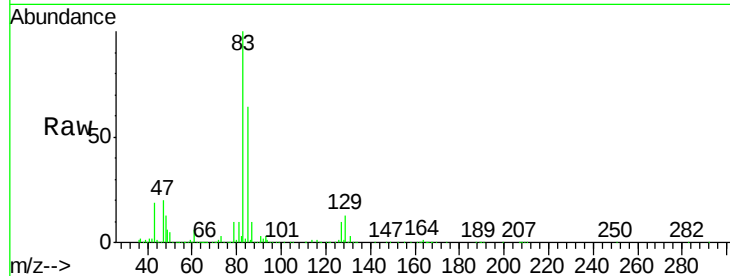
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 436023 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.1  | 51.8  | 77.6   |
| 127      | 9.9   | 7.7   | 11.5   |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 49.839 ug/l

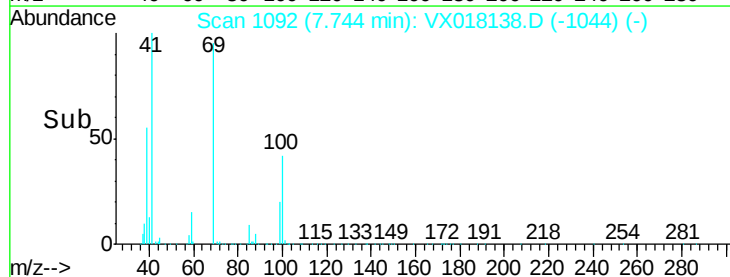
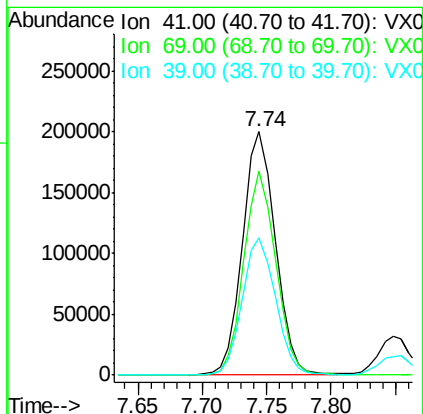
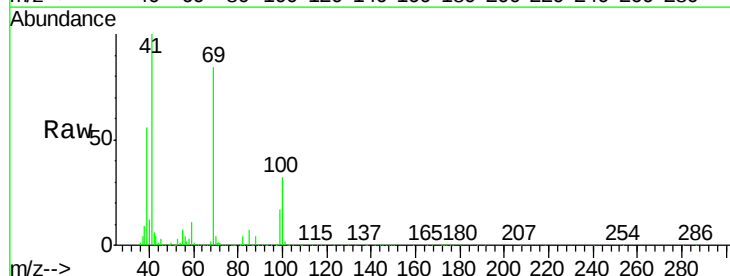
RT: 7.74 min Scan# 1092

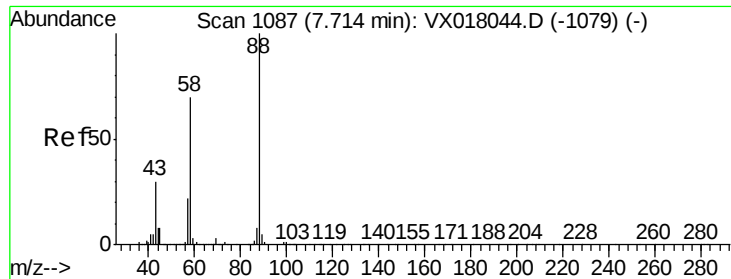
Delta R.T. -0.01 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 352130 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 81.8  | 65.5  | 98.3   |
| 39       | 57.7  | 44.5  | 66.7   |





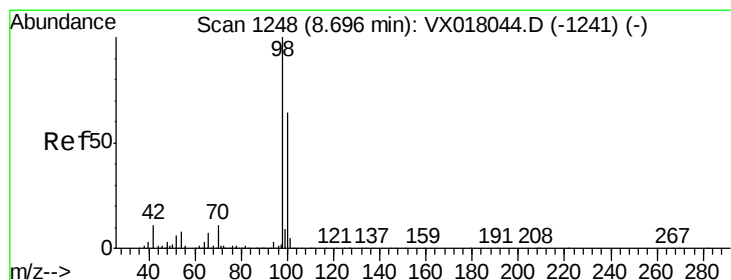
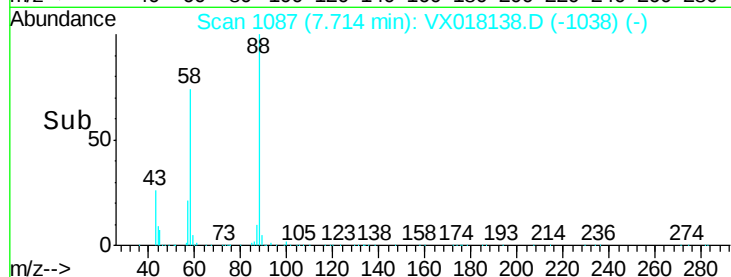
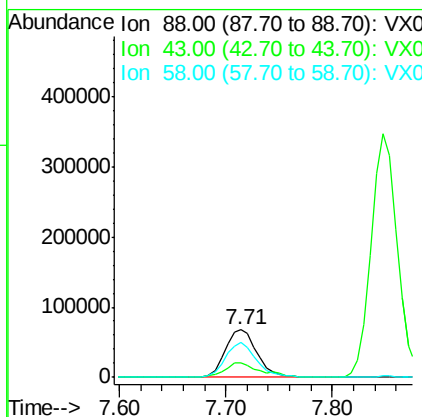
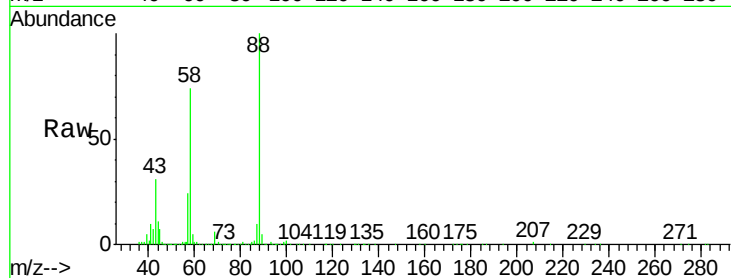
#49  
1,4-Dioxane  
Concen: 1105.499 ug/l  
RT: 7.71 min Scan# 1087  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.3  | 27.4  | 41.0  |
| 58      | 73.5  | 56.4  | 84.6  |

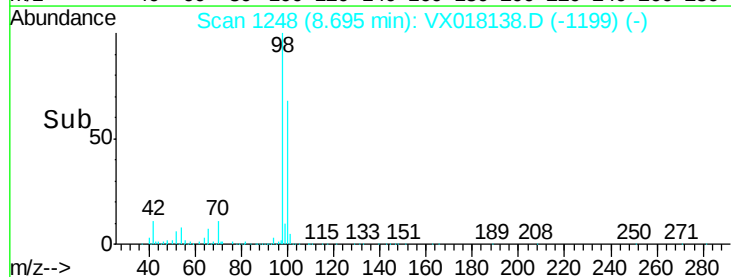
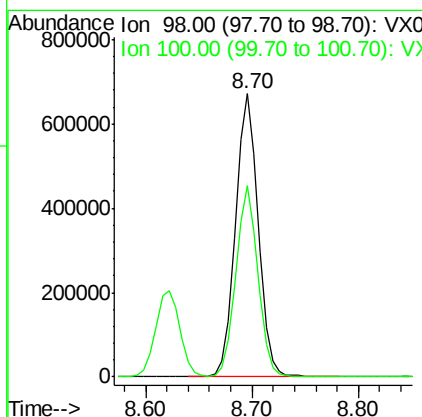
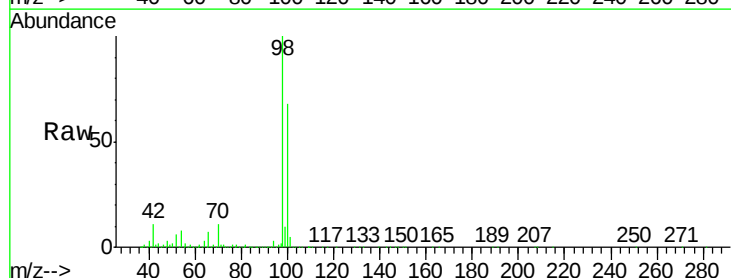
Manual Integrations  
APPROVED

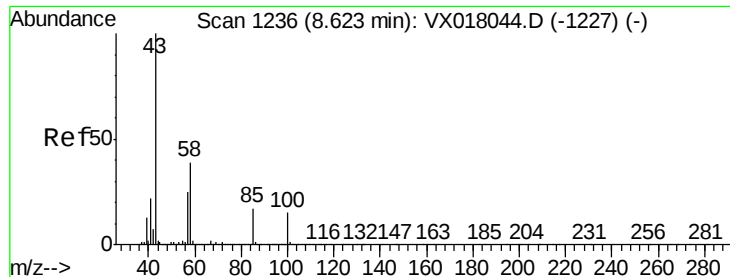
MMDadoda  
9/1/2020 9:08:58 AM



#50  
Toluene-d8  
Concen: 48.304 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.8  | 52.2  | 78.4  |





#51

4-Methyl-2-Pentanone

Concen: 251.827 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 2207762

Ion Ratio Lower Upper

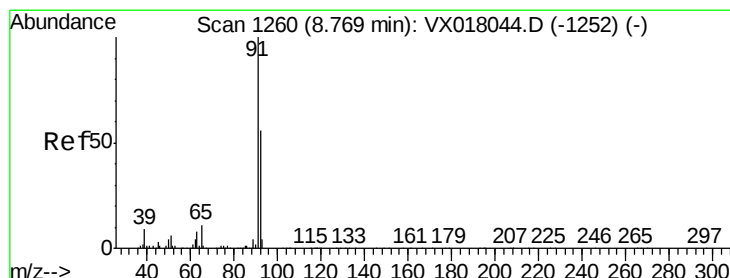
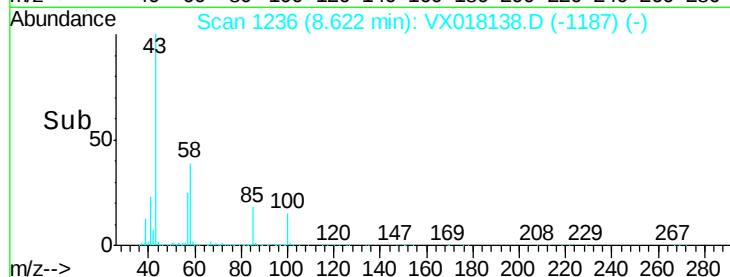
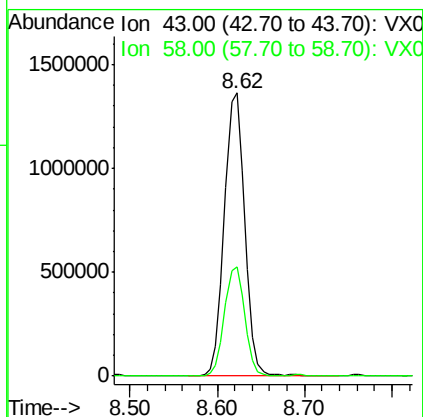
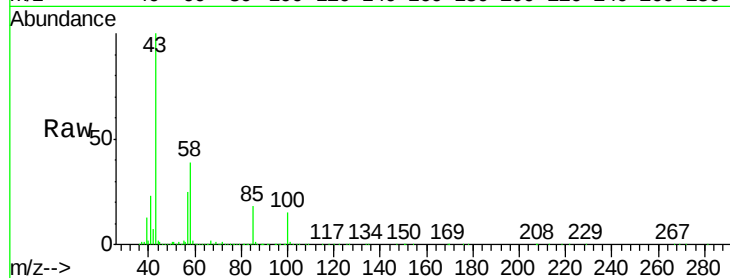
43 100

58 38.6 30.7 46.1

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#52

Toluene

Concen: 50.923 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018138.D

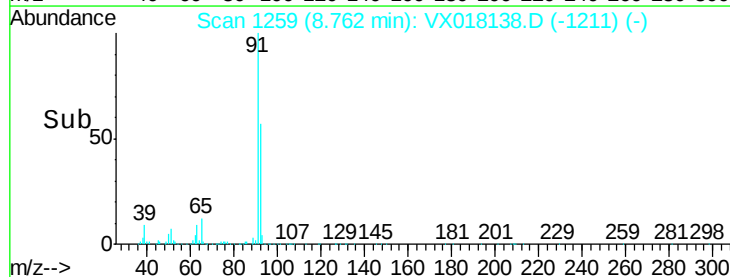
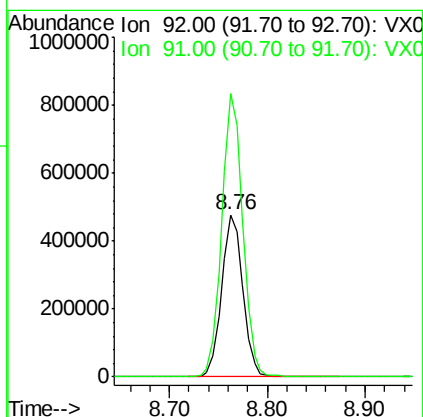
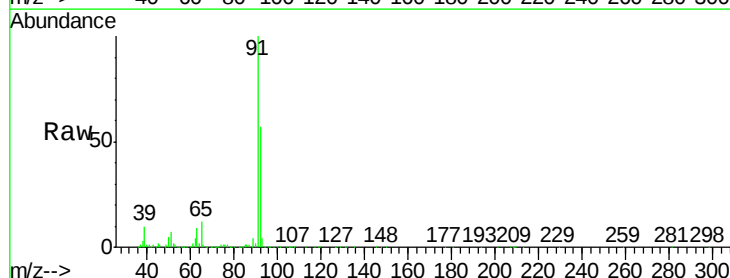
Acq: 31 Aug 2020 11:25

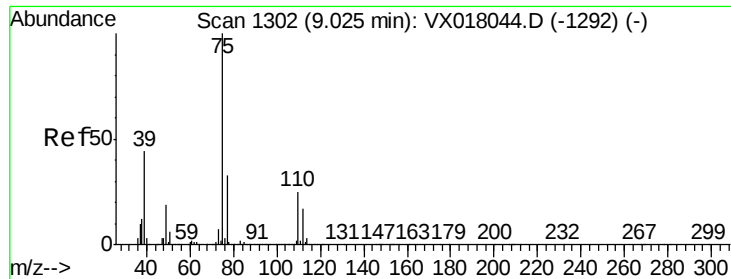
Tgt Ion: 92 Resp: 717840

Ion Ratio Lower Upper

92 100

91 173.4 140.3 210.5





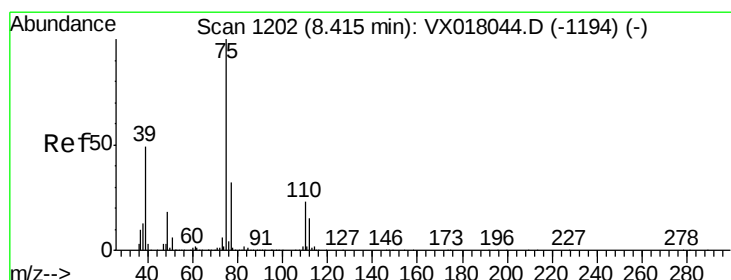
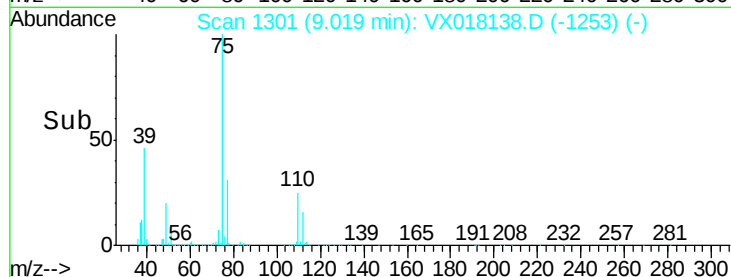
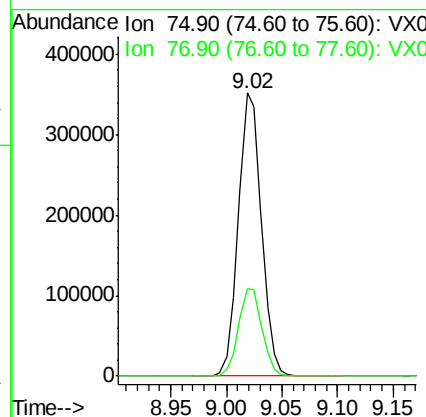
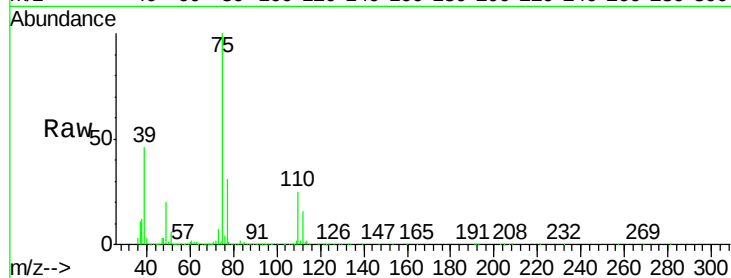
#53  
t-1,3-Dichloropropene  
Concen: 54.115 ug/l  
RT: 9.02 min Scan# 1301  
Delta R.T. -0.01 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.0  | 26.6  | 39.8  |

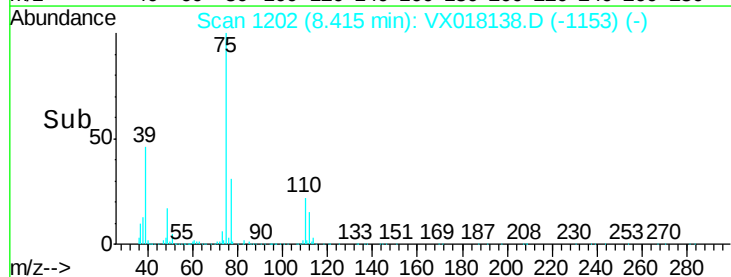
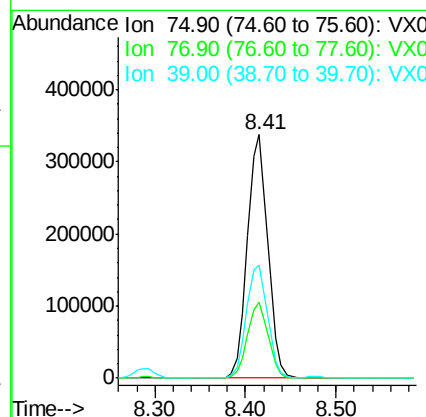
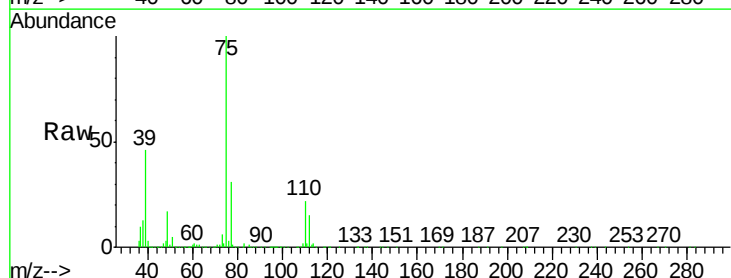
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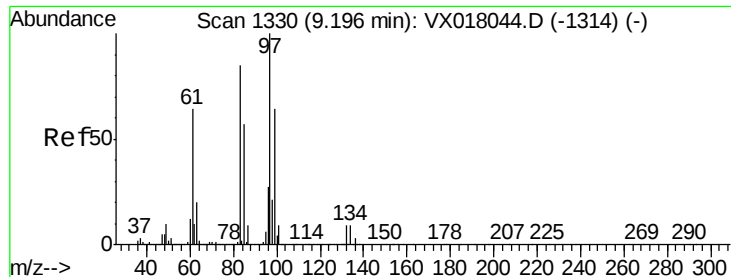
MMDadoda  
9/1/2020 9:08:58 AM



#54  
cis-1,3-Dichloropropene  
Concen: 53.713 ug/l  
RT: 8.41 min Scan# 1202  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.2  | 25.8  | 38.8  |
| 39      | 46.2  | 38.8  | 58.2  |





#55

1,1,2-Trichloroethane

Concen: 51.645 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

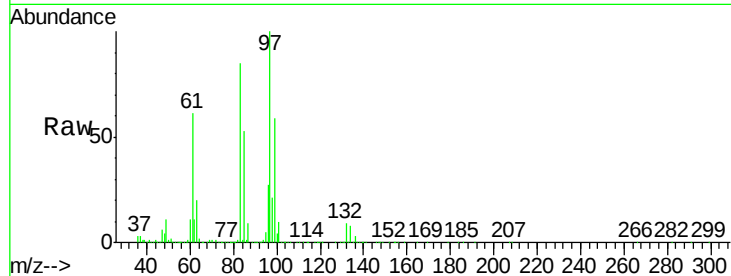
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 310496 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.0  | 67.8  | 101.6  |
| 85       | 53.2  | 45.3  | 67.9   |
| 99       | 59.1  | 50.9  | 76.3   |

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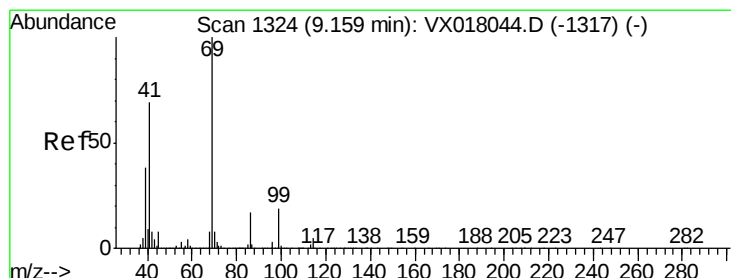
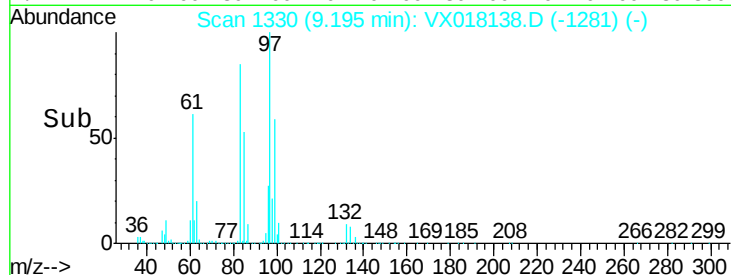
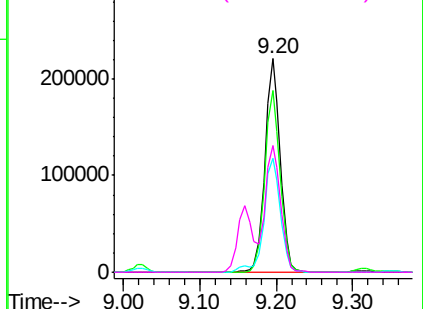


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.455 ug/l

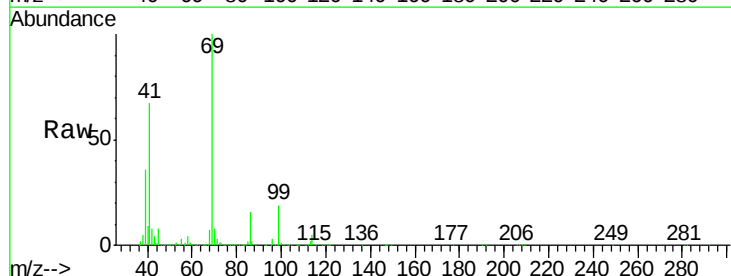
RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

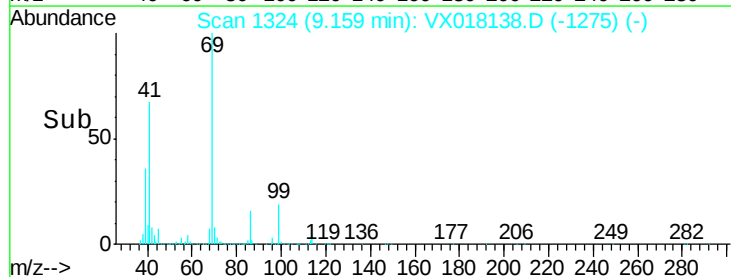
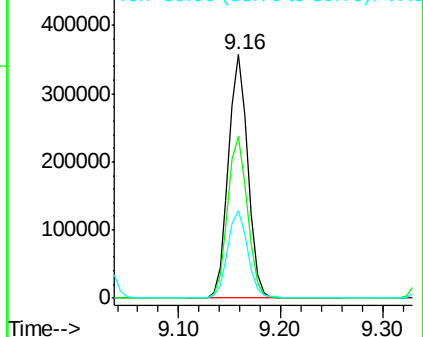
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 468823 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.4  | 54.6  | 81.8   |
| 39       | 36.8  | 29.1  | 43.7   |

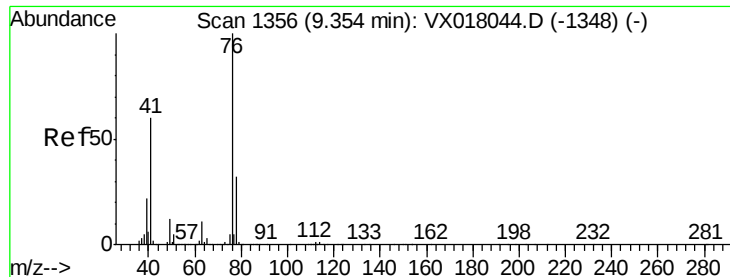


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.867 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 504401

Ion Ratio Lower Upper

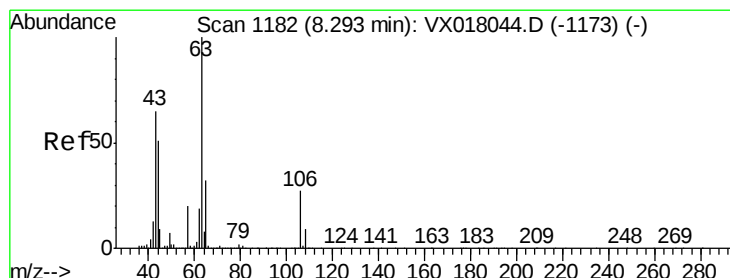
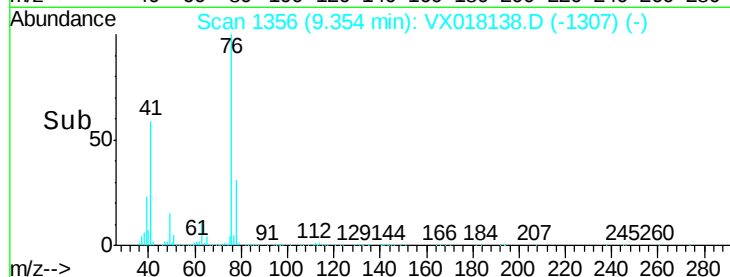
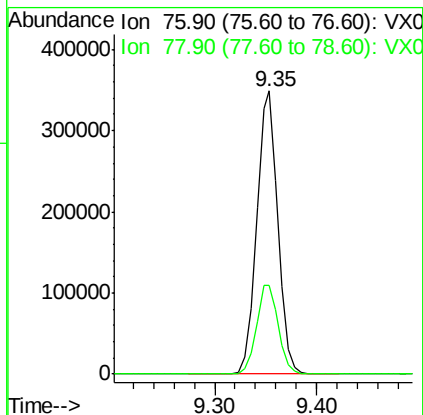
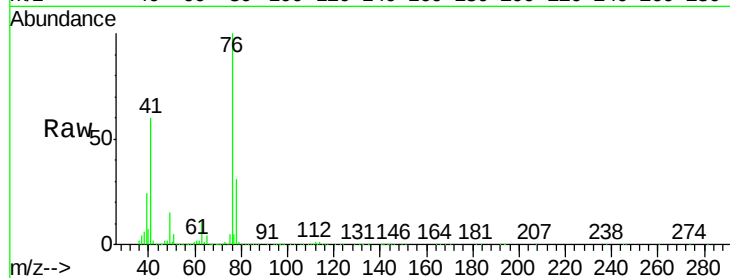
76 100

78 32.6 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 258.644 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018138.D

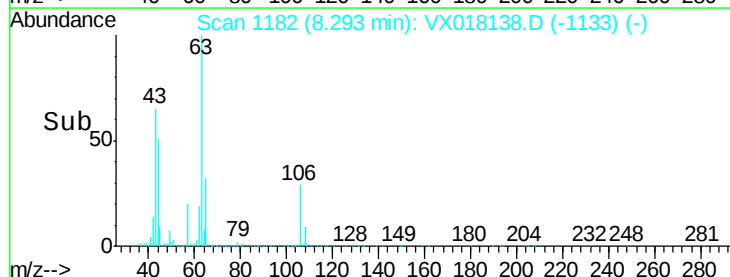
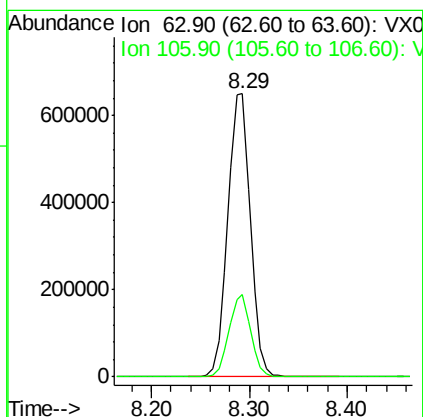
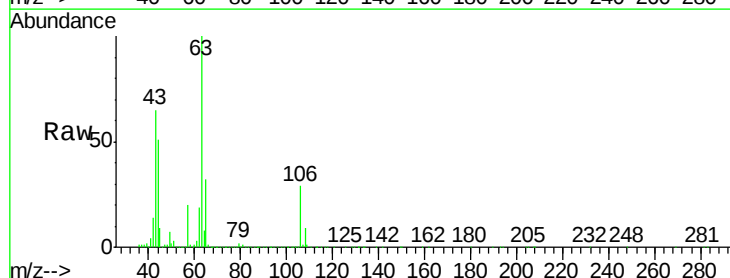
Acq: 31 Aug 2020 11:25

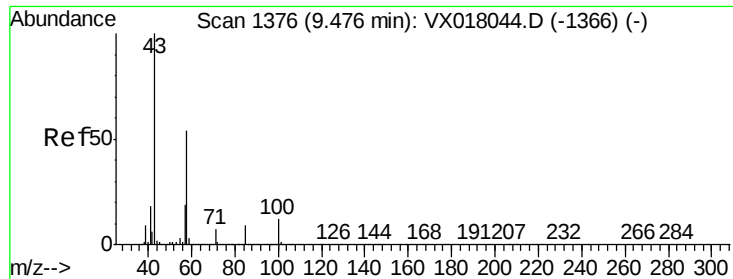
Tgt Ion: 63 Resp: 1039889

Ion Ratio Lower Upper

63 100

106 28.0 22.1 33.1





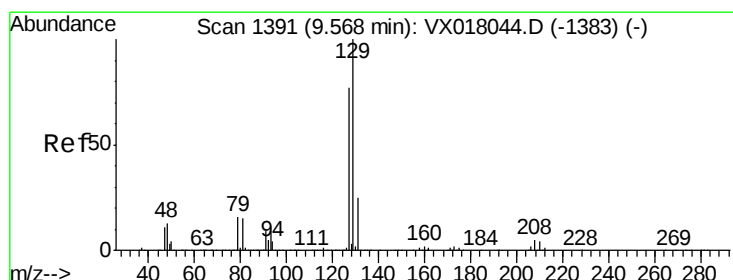
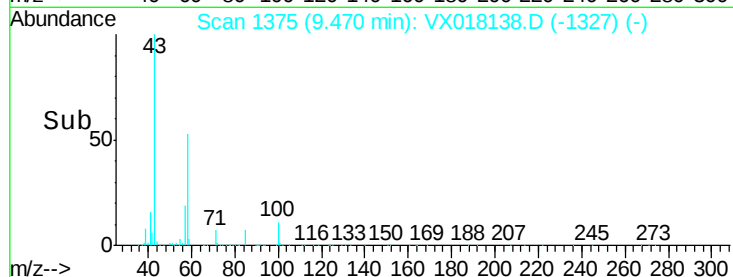
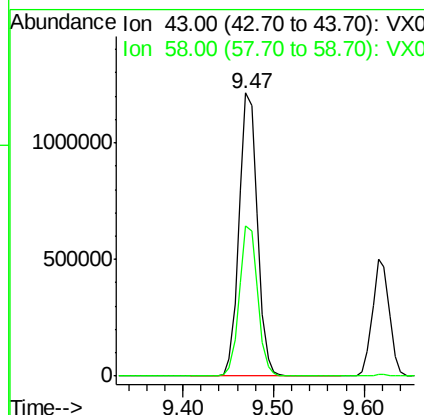
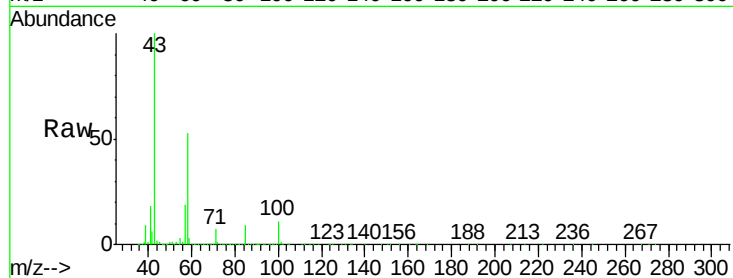
#59  
2-Hexanone  
Concen: 254.722 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 1698053  
Ion Ratio Lower Upper  
43 100  
58 52.9 26.6 79.7

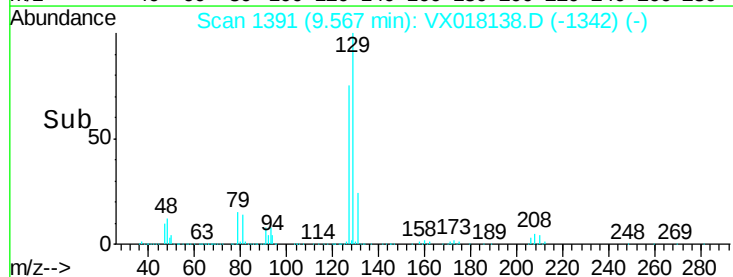
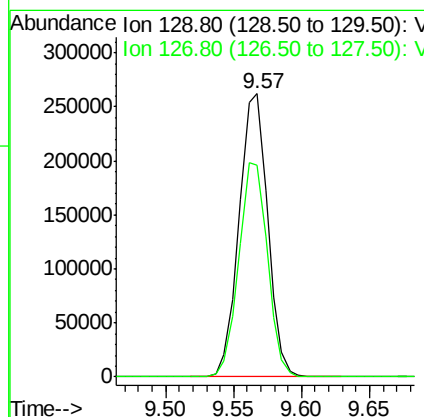
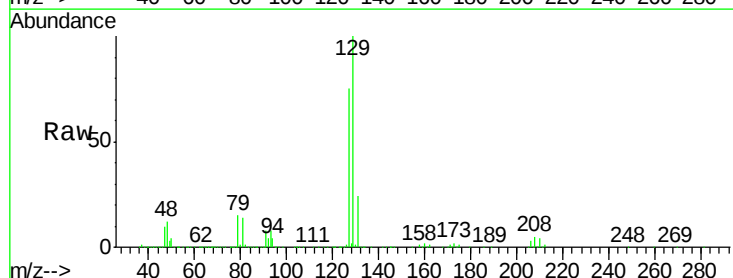
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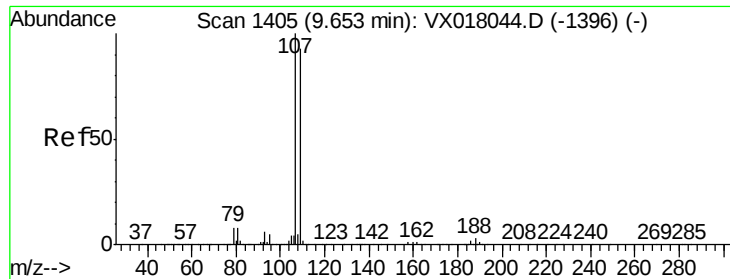
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#60  
Dibromochloromethane  
Concen: 54.679 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Tgt Ion: 129 Resp: 385637  
Ion Ratio Lower Upper  
129 100  
127 76.0 38.9 116.6





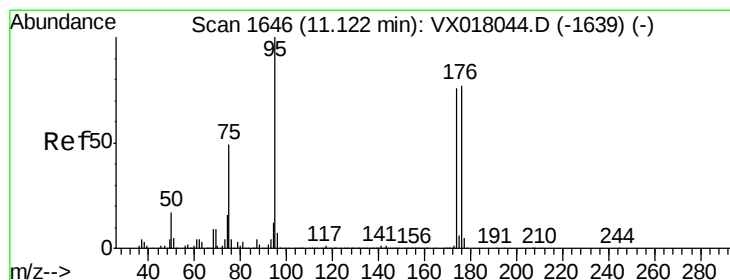
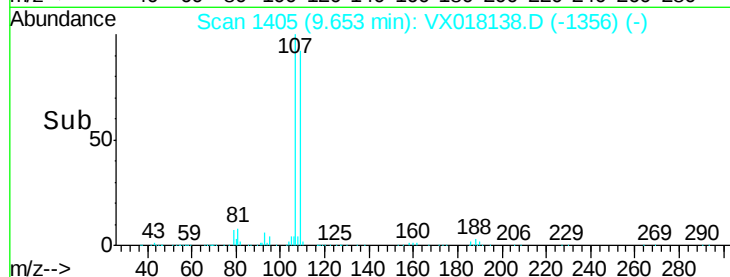
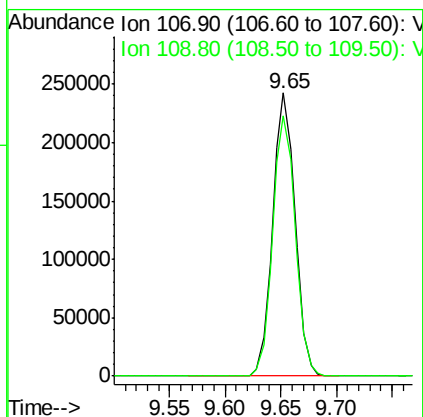
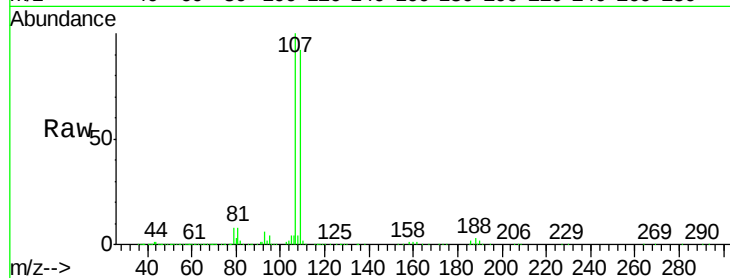
#61  
 1,2-Dibromoethane  
 Concen: 51.985 ug/l  
 RT: 9.65 min Scan# 1405  
 Delta R.T. -0.00 min  
 Lab File: VX018138.D  
 Acq: 31 Aug 2020 11:25

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.3  | 75.9  | 113.9 |

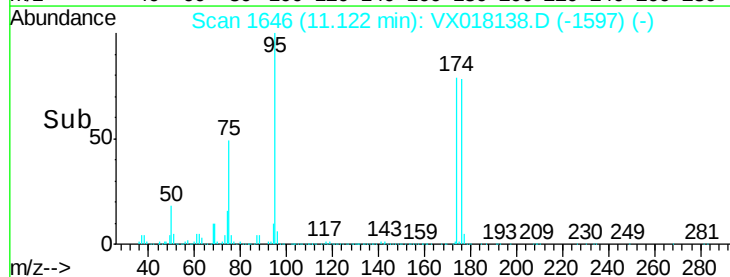
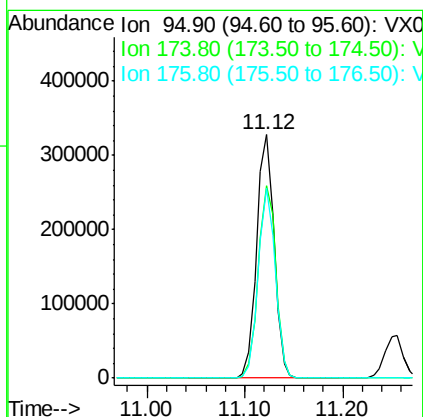
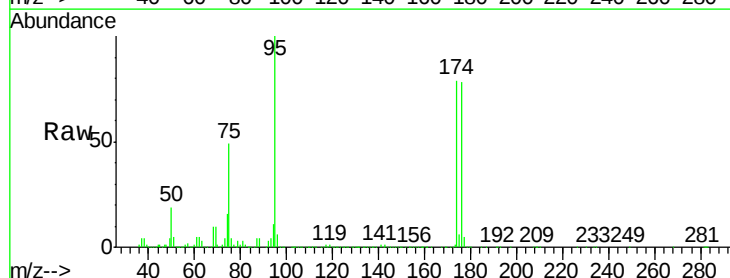
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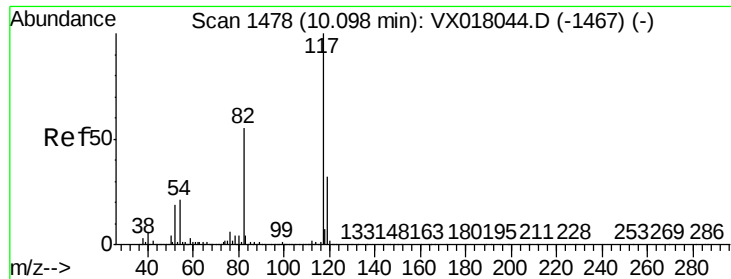
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#62  
 4-Bromofluorobenzene  
 Concen: 49.834 ug/l  
 RT: 11.12 min Scan# 1646  
 Delta R.T. -0.00 min  
 Lab File: VX018138.D  
 Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 80.1  | 0.0   | 160.2 |
| 176     | 76.9  | 0.0   | 155.8 |





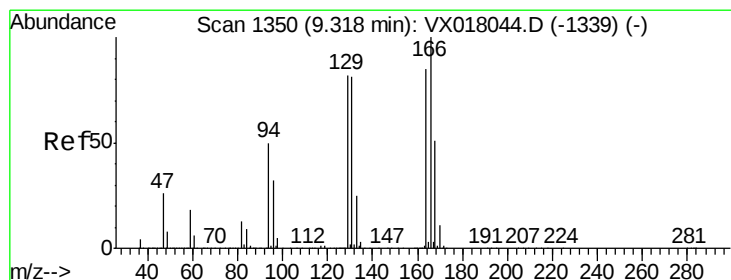
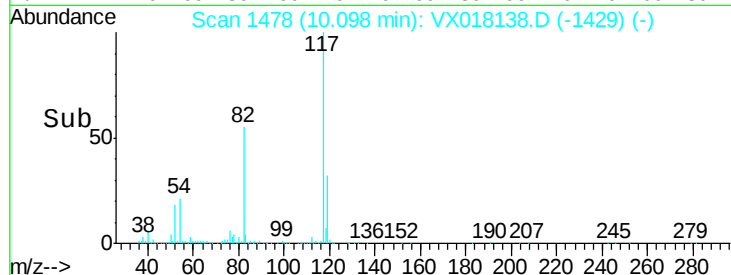
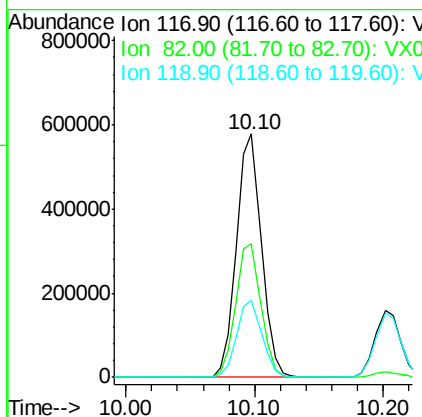
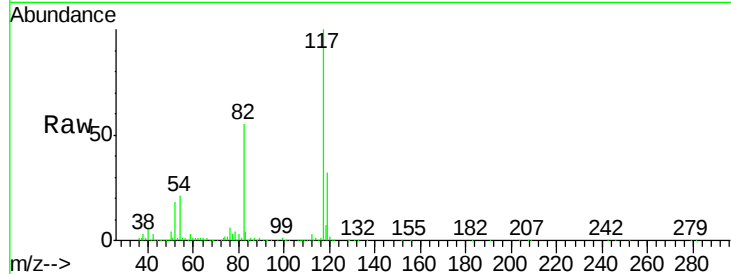
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 117     | 100   |            |            |
| 82      | 55.1  | 44.2       | 66.2       |
| 119     | 32.0  | 25.7       | 38.5       |

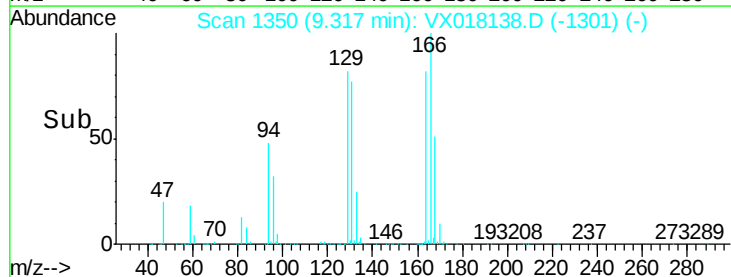
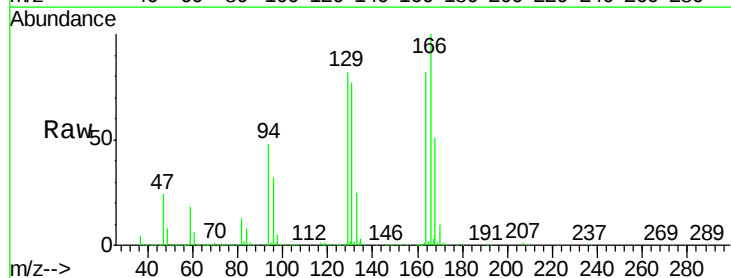
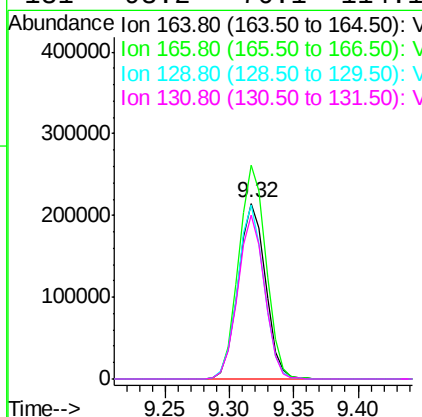
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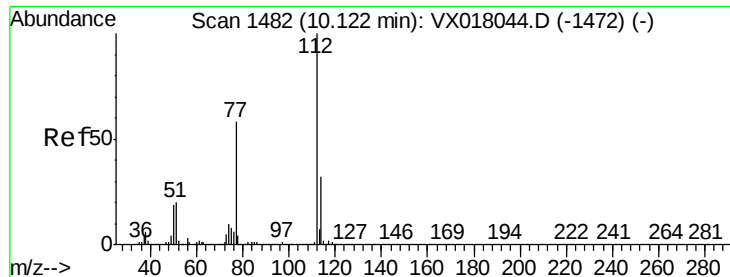
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 54.893 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 164     | 100   |            |            |
| 166     | 121.6 | 94.2       | 141.2      |
| 129     | 99.2  | 76.9       | 115.3      |
| 131     | 93.2  | 76.1       | 114.1      |





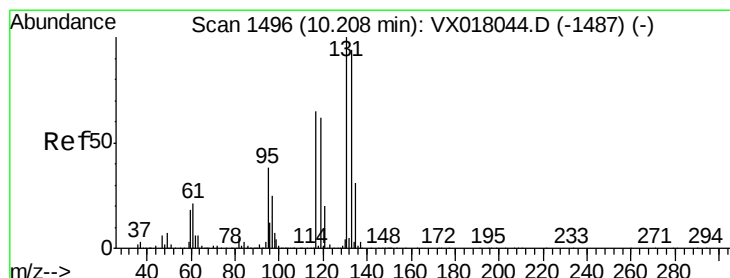
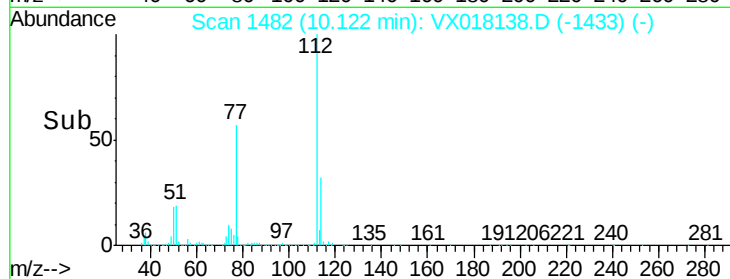
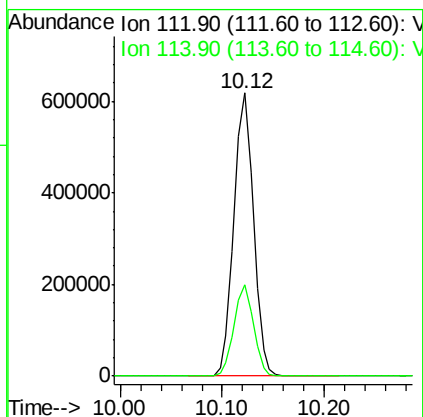
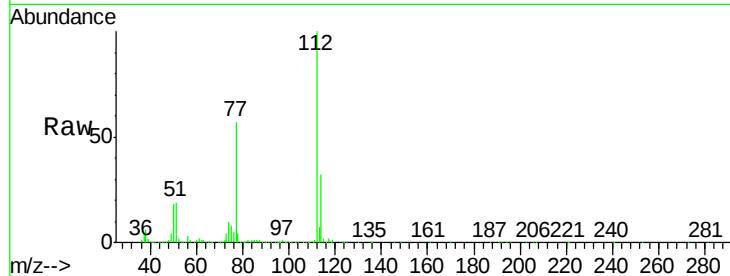
#65  
Chlorobenzene  
Concen: 52.430 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.1  | 25.7  | 38.5  |

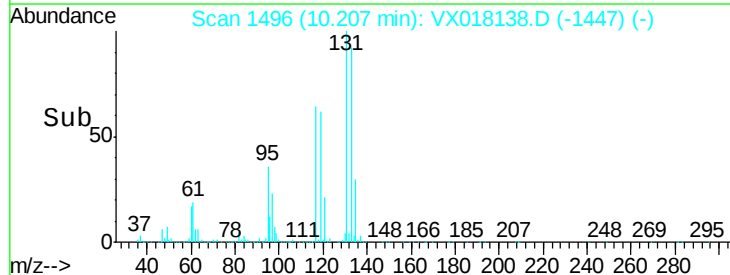
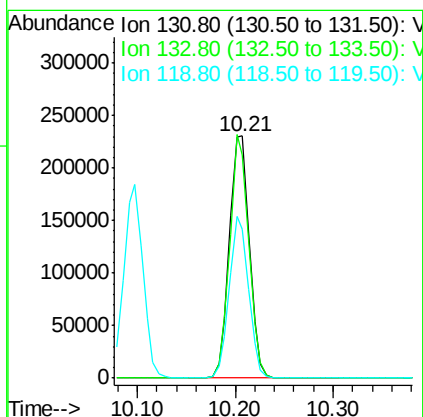
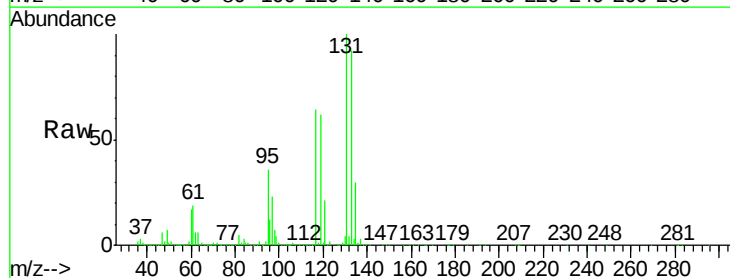
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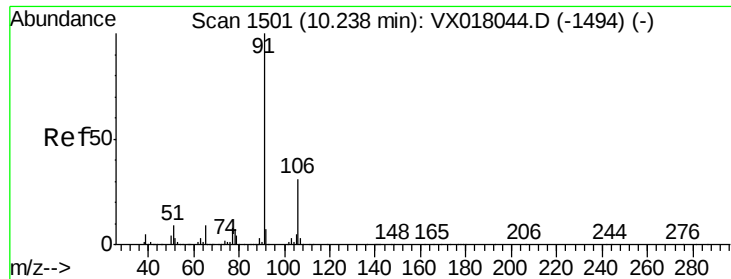
MMDadoda  
9/1/2020 9:08:58 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.461 ug/l  
RT: 10.21 min Scan# 1496  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.0  | 46.7  | 140.1 |
| 119     | 64.0  | 31.8  | 95.4  |





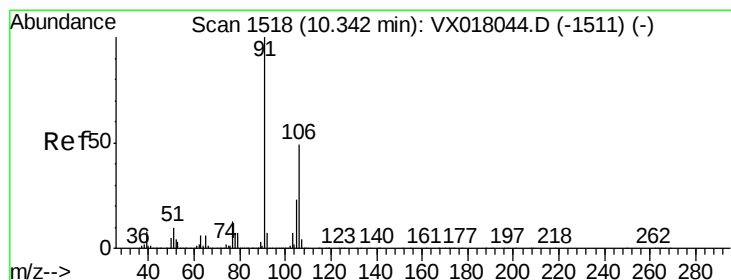
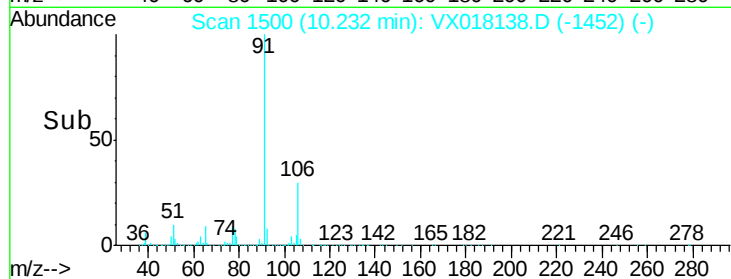
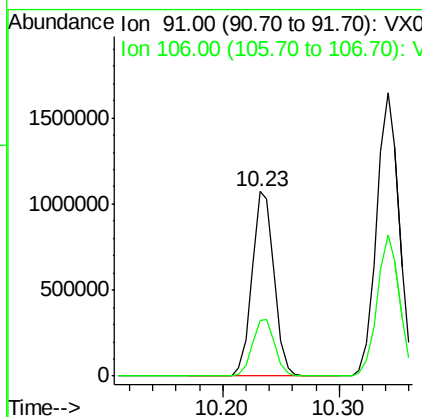
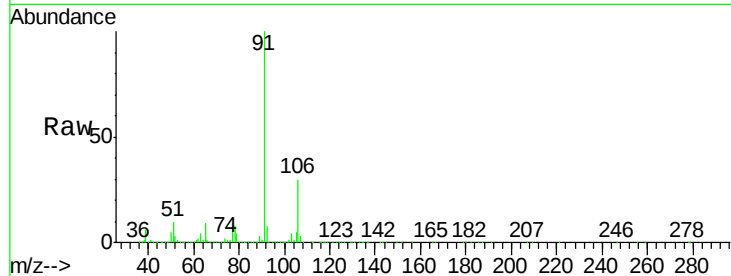
#67  
Ethyl Benzene  
Concen: 53.222 ug/l  
RT: 10.23 min Scan# 1500  
Delta R.T. -0.01 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 1413426  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.9 37.3

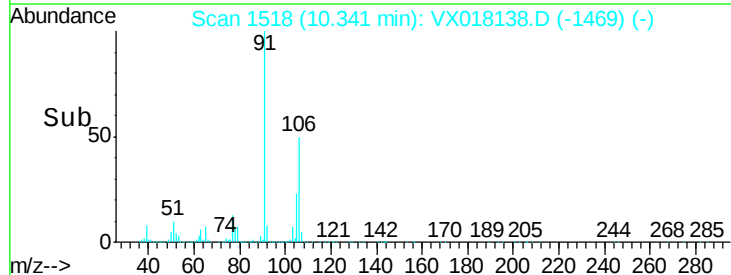
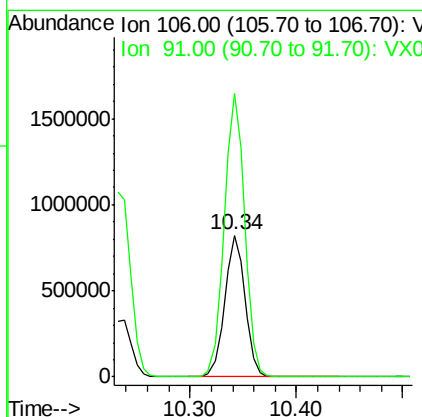
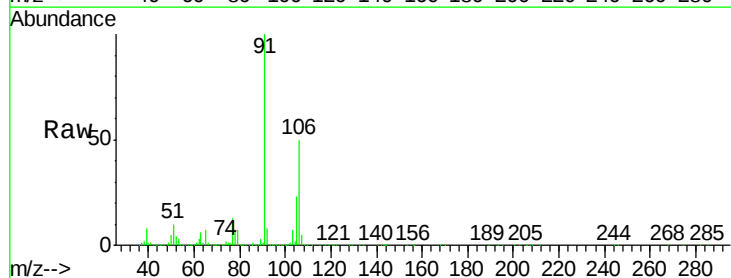
Manual Integrations  
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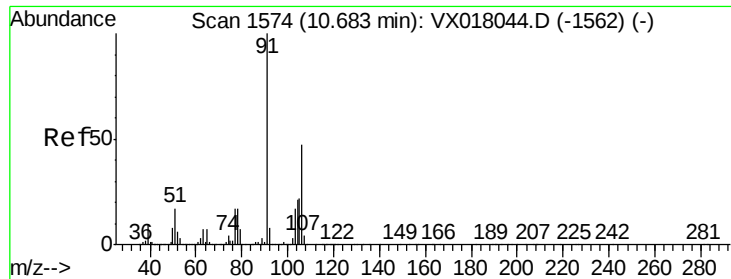
MMDadoda  
9/1/2020 9:08:58 AM



#68  
m/p-Xylenes  
Concen: 109.630 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Tgt Ion: 106 Resp: 1086690  
Ion Ratio Lower Upper  
106 100  
91 203.4 162.2 243.2





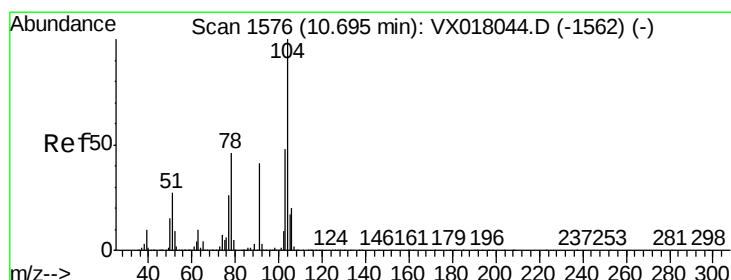
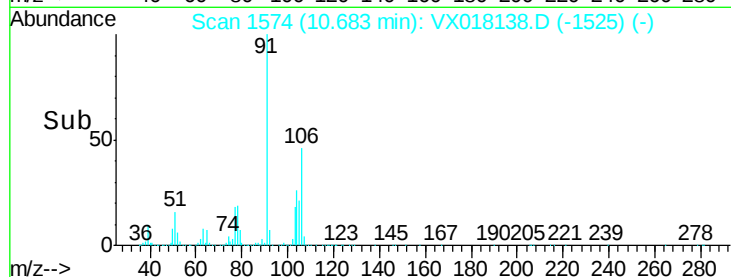
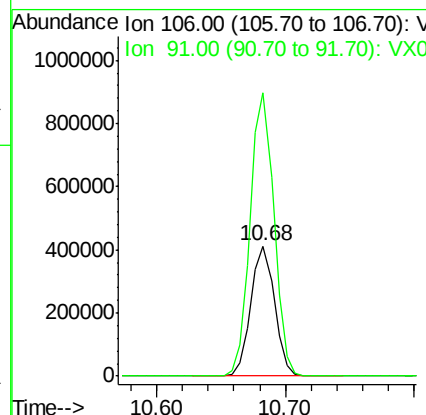
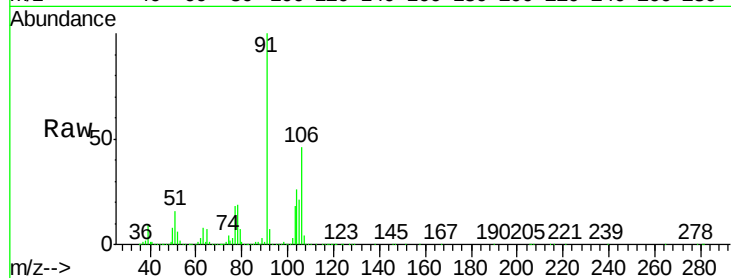
#69  
o-Xylene  
Concen: 54.407 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 217.2 | 107.1 | 321.3 |

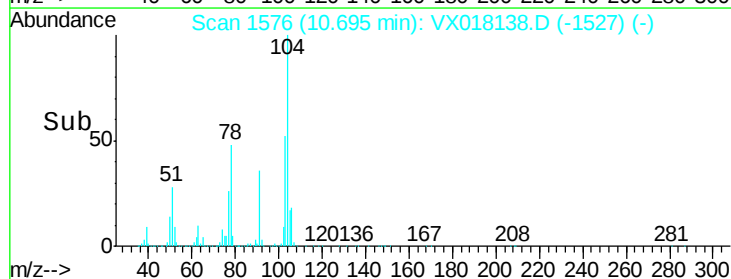
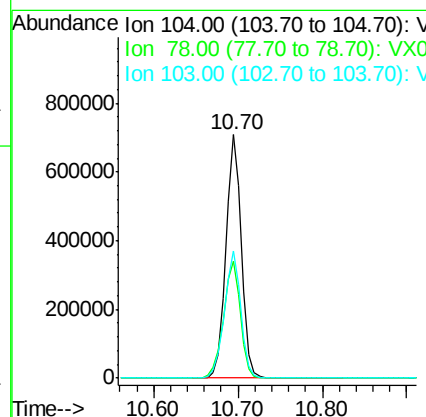
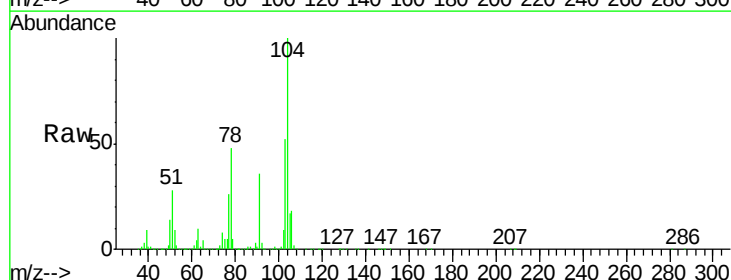
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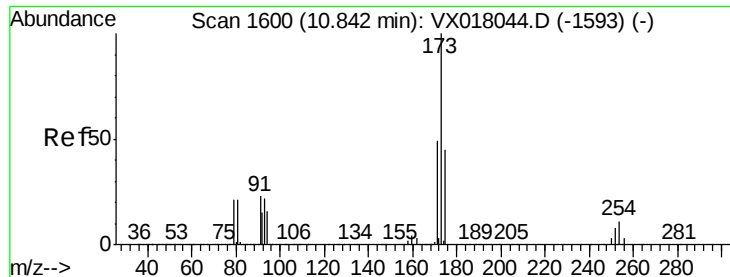
MMDadoda  
9/1/2020 9:08:58 AM



#70  
Styrene  
Concen: 54.743 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 52.8  | 40.9  | 61.3  |
| 103     | 55.4  | 43.6  | 65.4  |





#71

Bromoform

Concen: 55.097 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

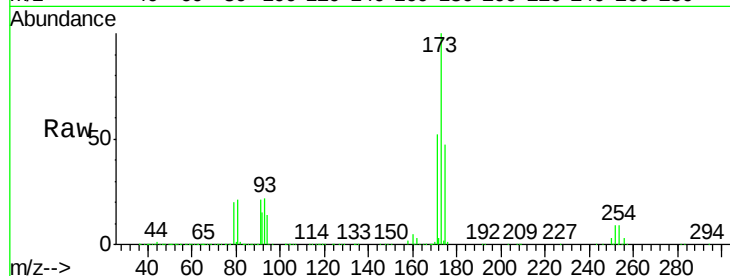
ClientSampled :

VSTDCCC050

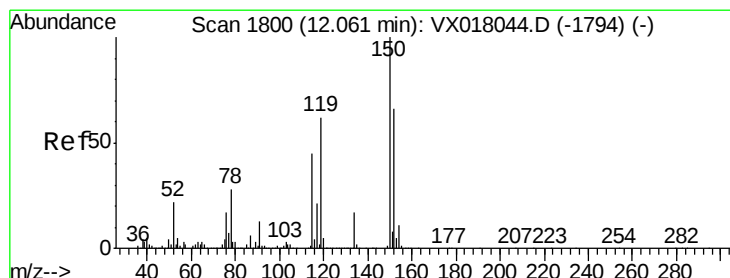
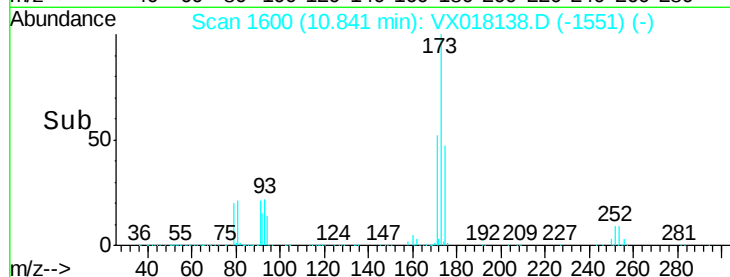
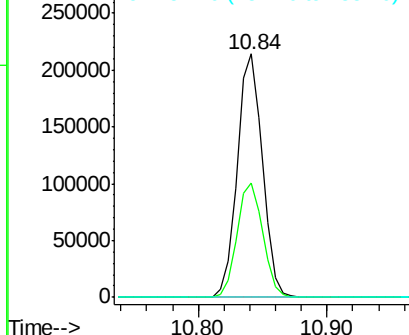
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 173   | Resp: | 289253 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.1  | 23.9  | 71.8   |
| 254       | 0.2   | 0.2   | 0.2#   |

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

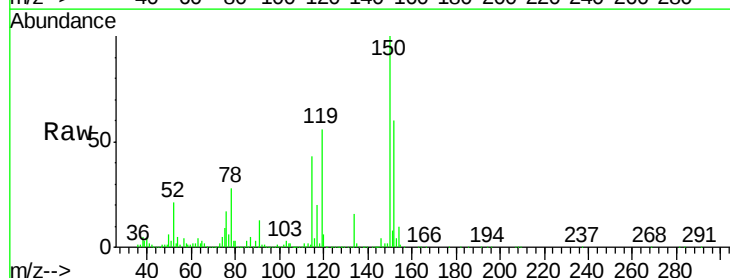
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

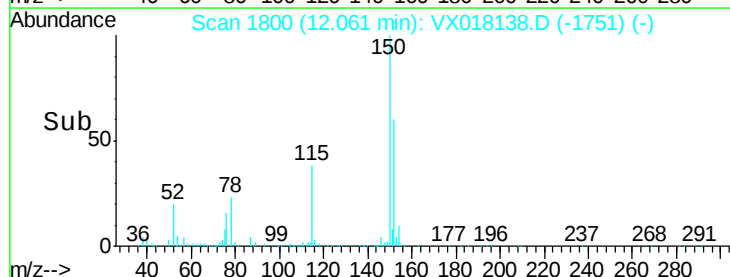
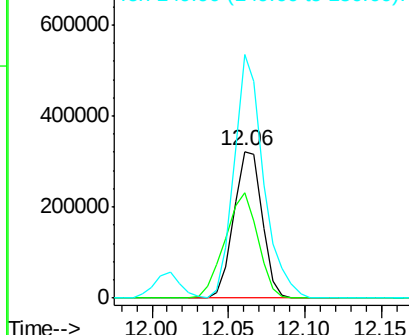
Lab File: VX018138.D

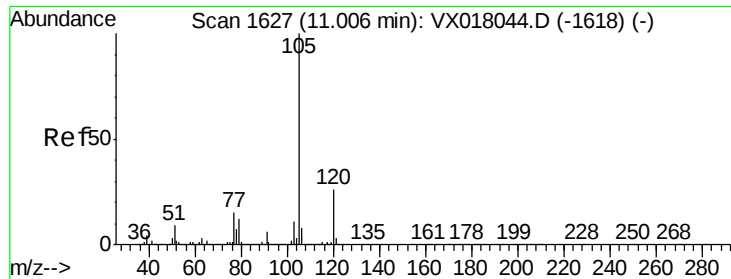
Acq: 31 Aug 2020 11:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 413089 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 83.8  | 41.5  | 124.5  |
| 150       | 172.5 | 0.0   | 343.8  |



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: 52.059 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1418498

Ion Ratio Lower Upper

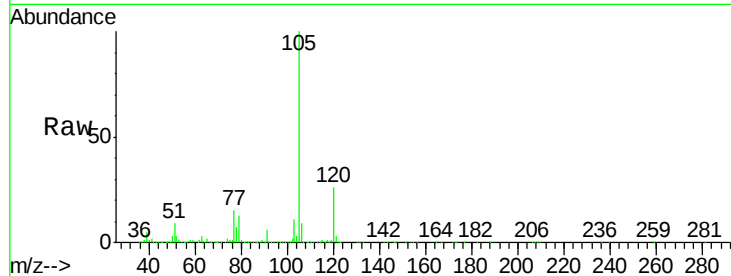
105 100

120 26.2 13.2 39.5

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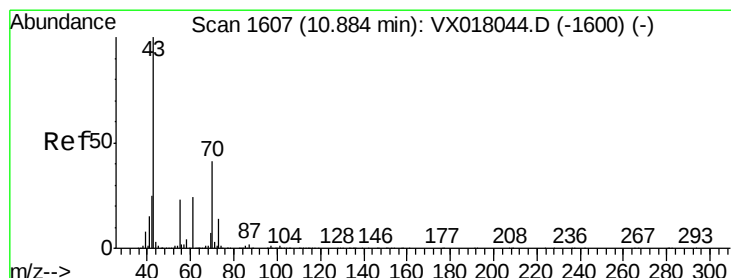
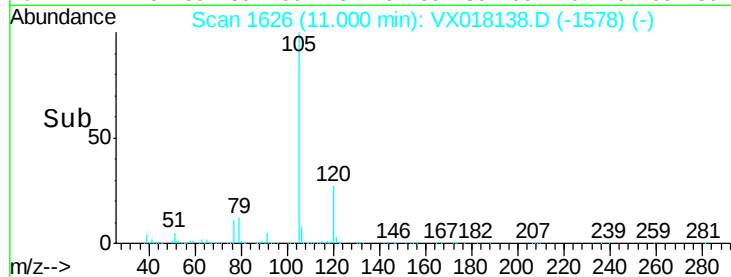
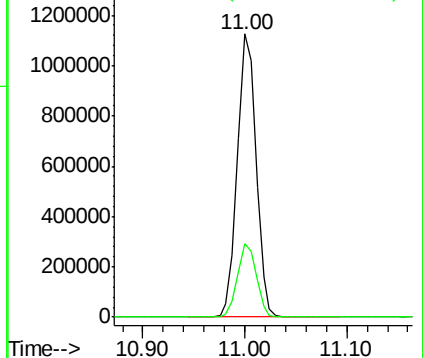
MMDadoda

9/1/2020 9:08:58 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.543 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Tgt Ion: 43 Resp: 653426

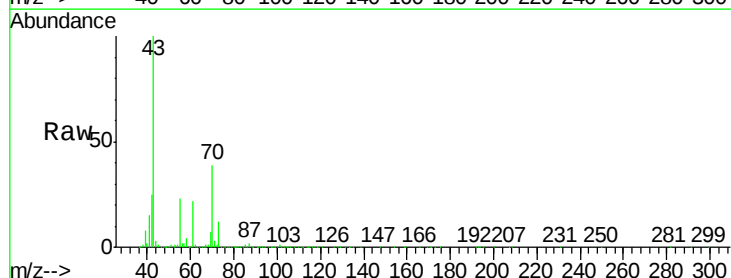
Ion Ratio Lower Upper

43 100

70 40.9 32.3 48.5

55 23.6 18.2 27.2

61 24.0 18.9 28.3

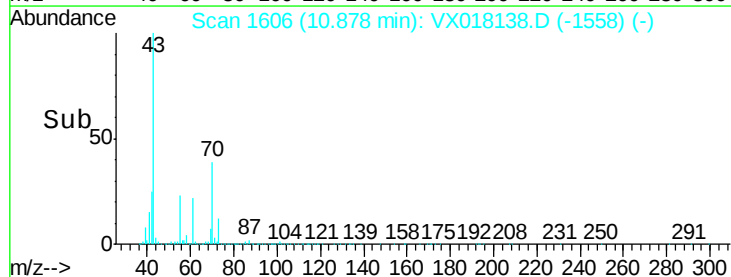
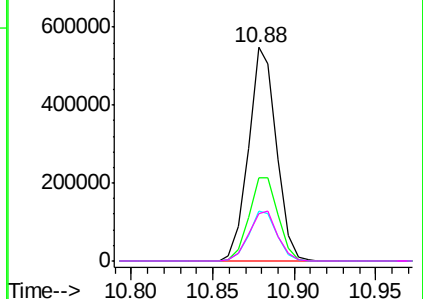


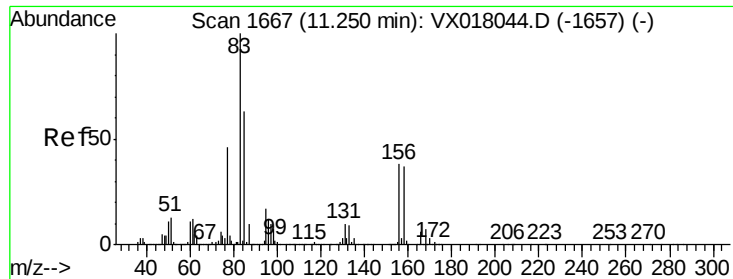
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.097 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

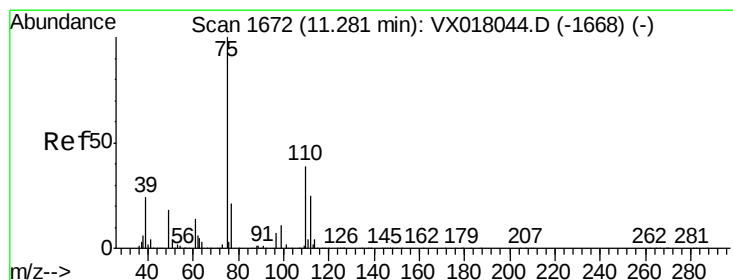
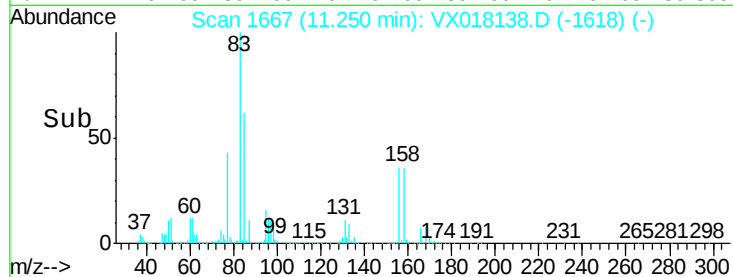
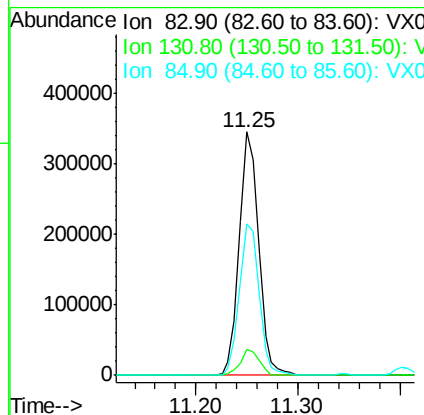
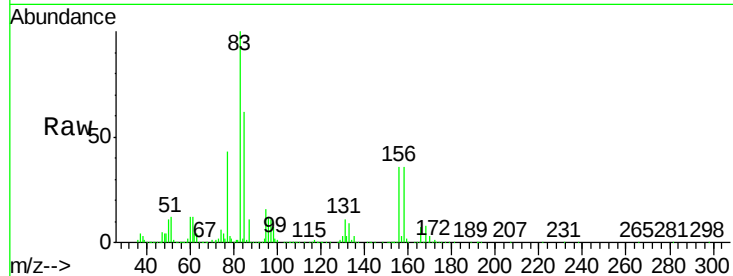
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 452695 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.6  | 5.1   | 15.4   |
| 85        | 63.9  | 32.2  | 96.6   |

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#76

1,2,3-Trichloropropane

Concen: 47.579 ug/l m

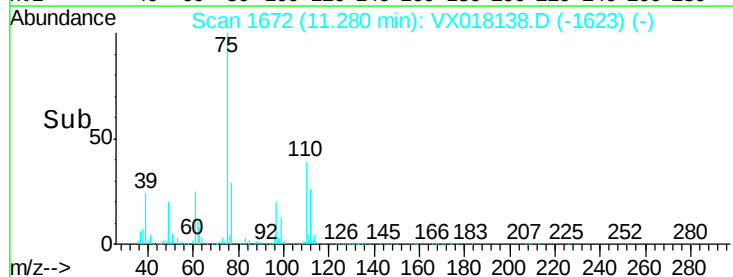
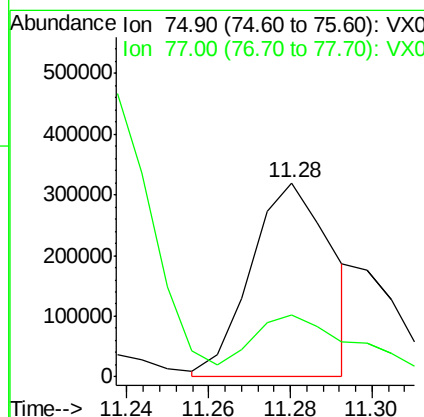
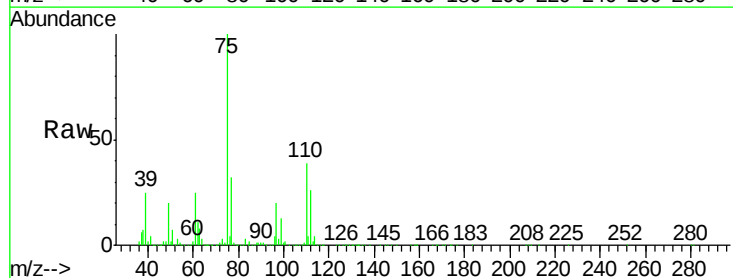
RT: 11.28 min Scan# 1672

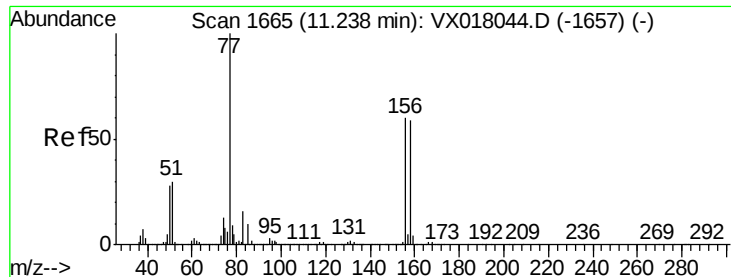
Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 437217 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 41.2  | 20.8  | 62.2   |





#77

Bromobenzene

Concen: 50.955 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

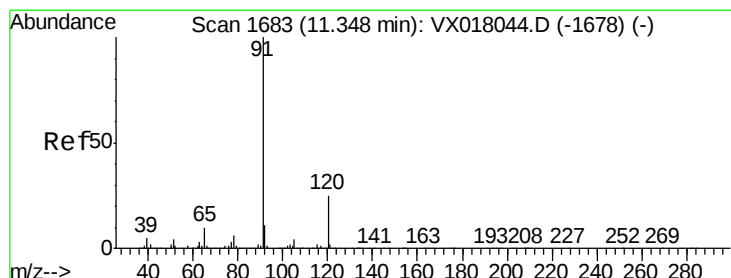
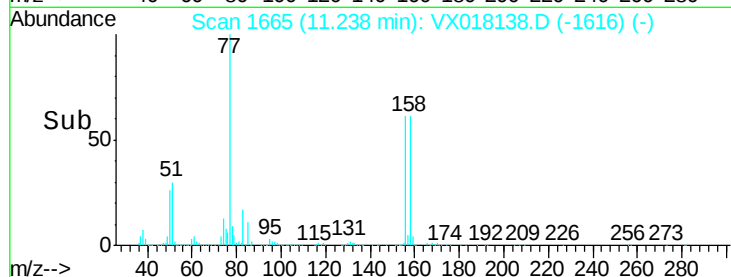
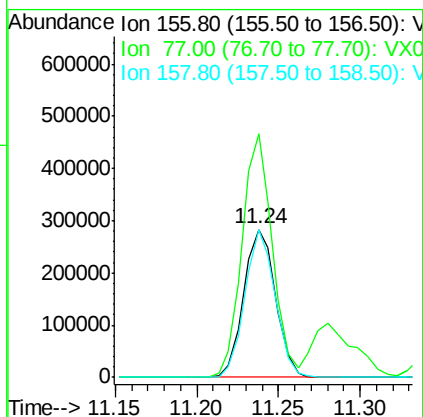
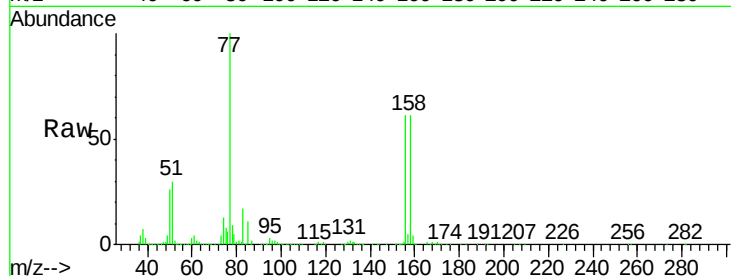
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 383784 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 157.1 | 80.0  | 240.2  |
| 158       | 95.3  | 49.5  | 148.7  |

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#78

n-propylbenzene

Concen: 52.659 ug/l

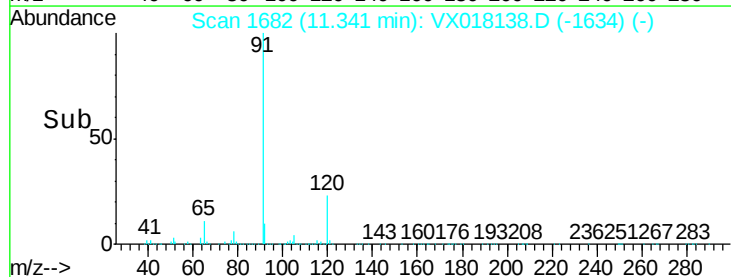
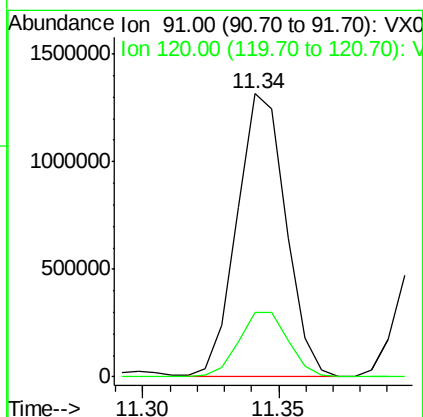
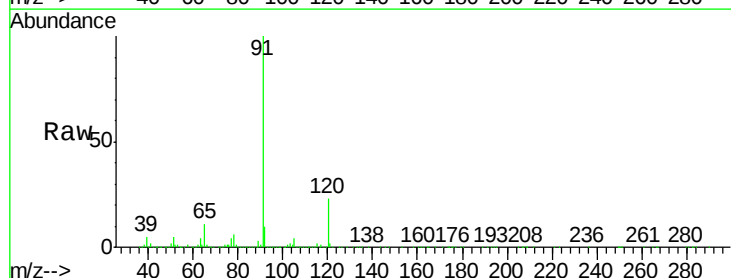
RT: 11.34 min Scan# 1682

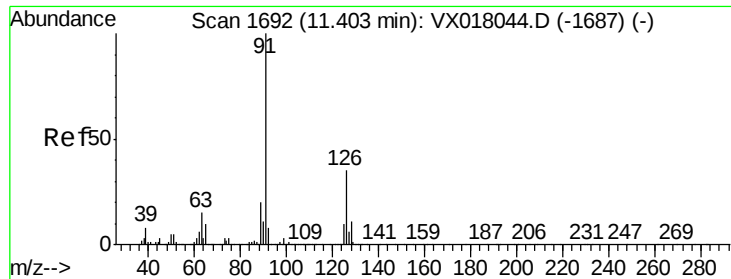
Delta R.T. -0.01 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1629206 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 23.7  | 11.9  | 35.9    |





#79

2-Chlorotoluene

Concen: 51.329 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 981124

Ion Ratio Lower Upper

91 100

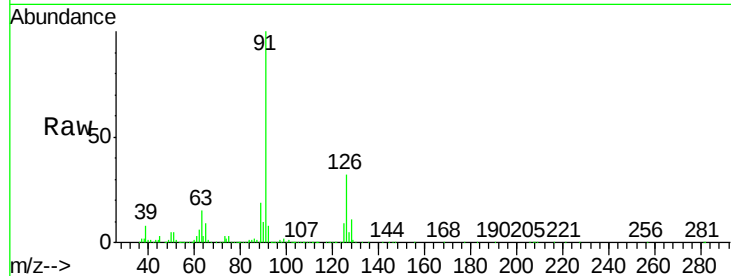
126 33.7 17.4 52.2

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX018138.D (-1643) (-)

Ion 125.90 (125.60 to 126.60): VX018138.D (-1643) (-)

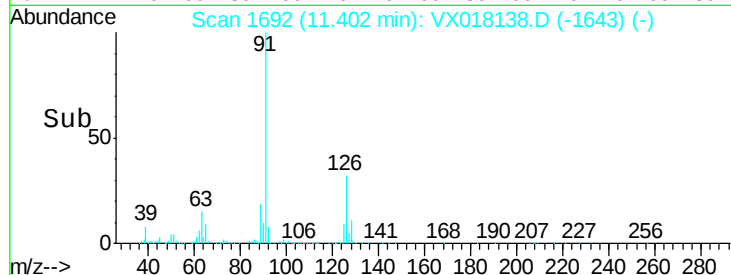
1500000

1000000

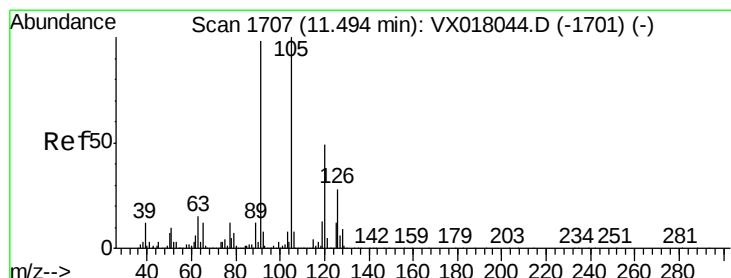
500000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.737 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018138.D

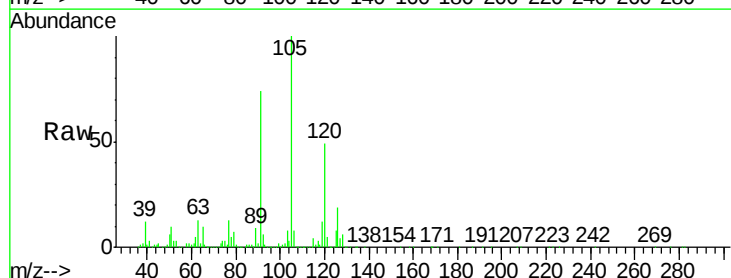
Acq: 31 Aug 2020 11:25

Tgt Ion: 105 Resp: 1203226

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX018138.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX018138.D (-1658) (-)

1000000

800000

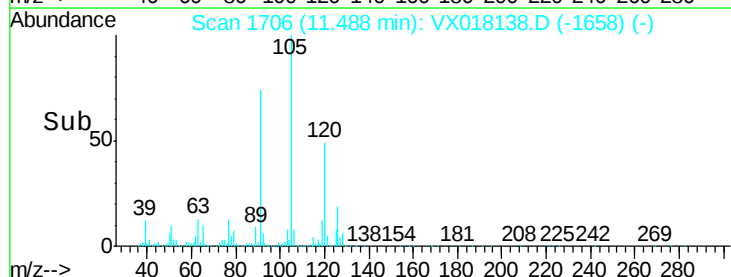
600000

400000

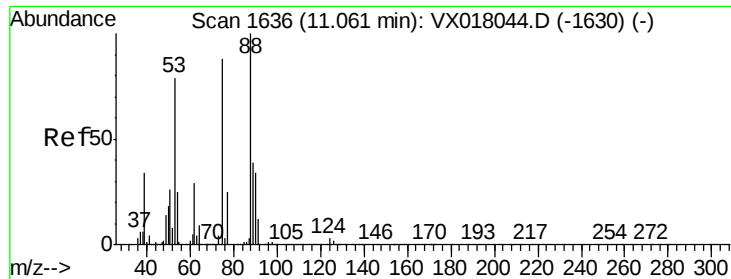
200000

0

11.40 11.50 11.60



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 51.996 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

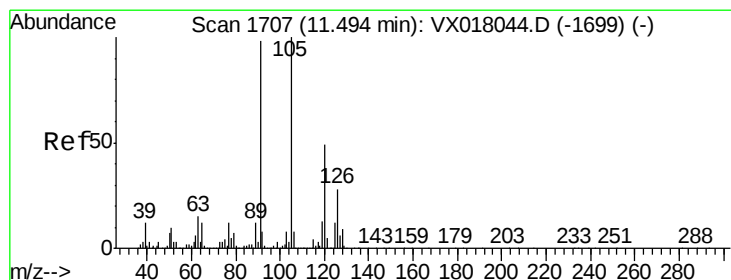
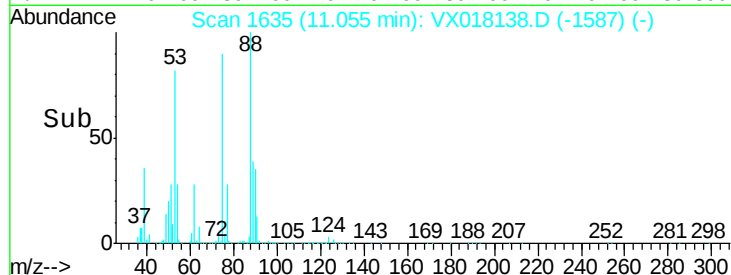
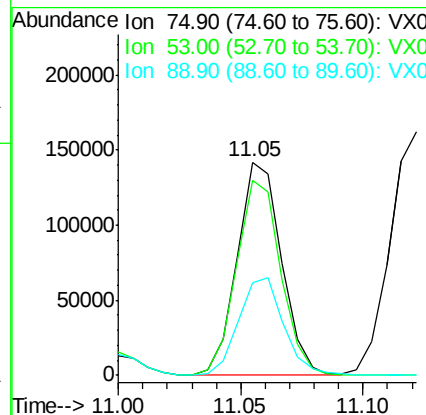
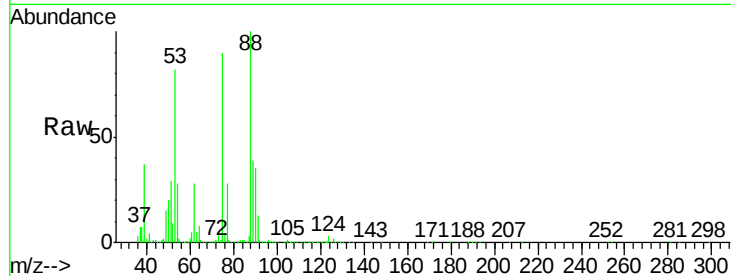
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 75    | Resp: | 176910 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 53       | 92.0  | 74.7  | 112.1  |
| 89       | 47.5  | 36.6  | 54.8   |

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 51.736 ug/l

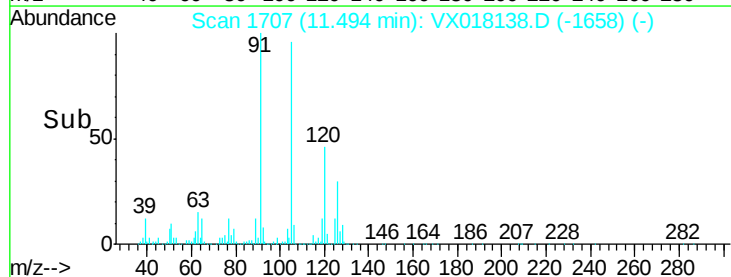
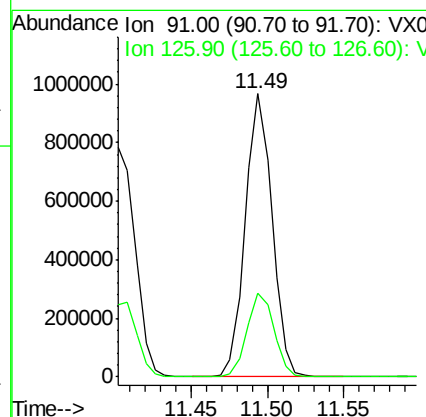
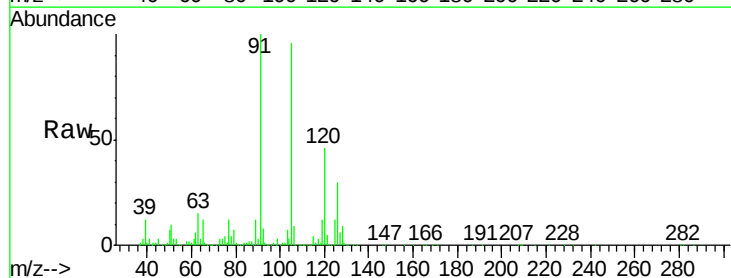
RT: 11.49 min Scan# 1707

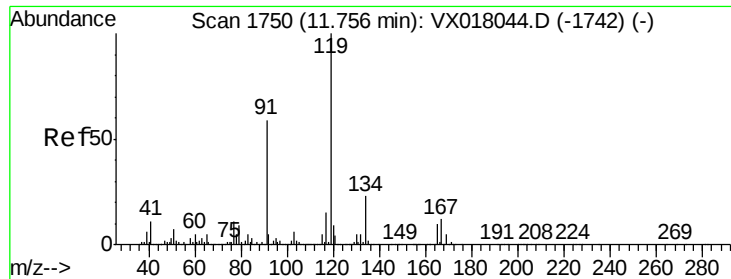
Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 91    | Resp: | 1175628 |
| Ion      | Ratio | Lower | Upper   |
| 91       | 100   |       |         |
| 126      | 30.0  | 15.1  | 45.3    |





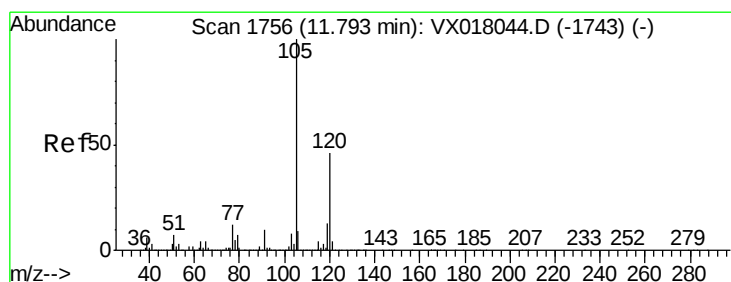
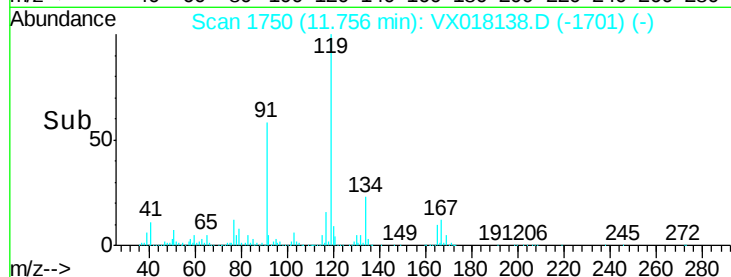
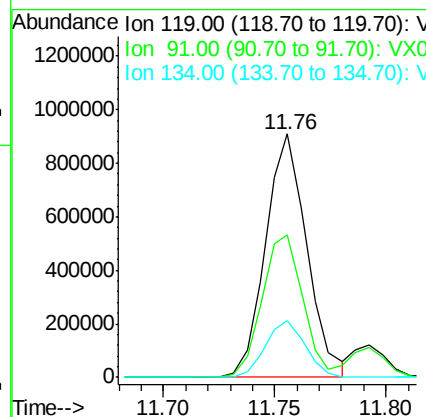
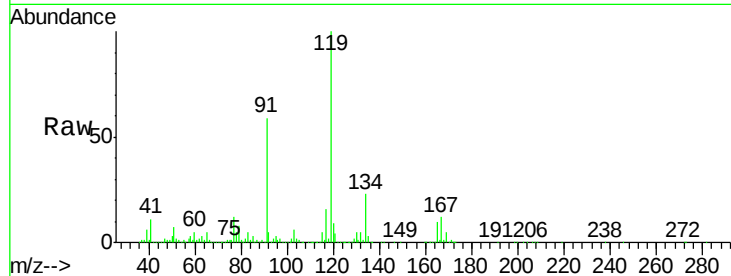
#83  
tert-Butylbenzene  
Concen: 52.913 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 57.5  | 28.2  | 84.7  |
| 134     | 22.7  | 11.3  | 33.8  |

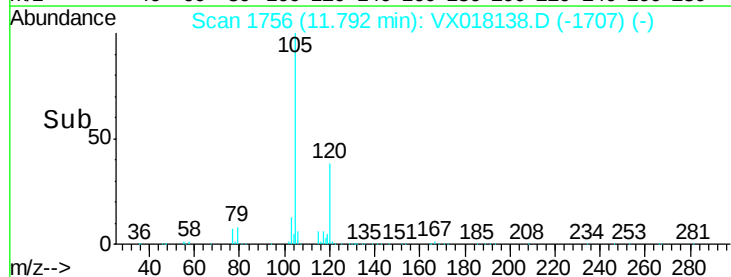
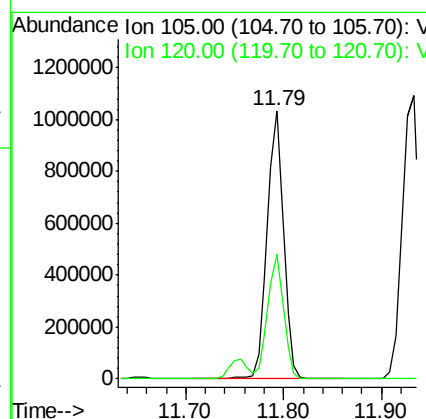
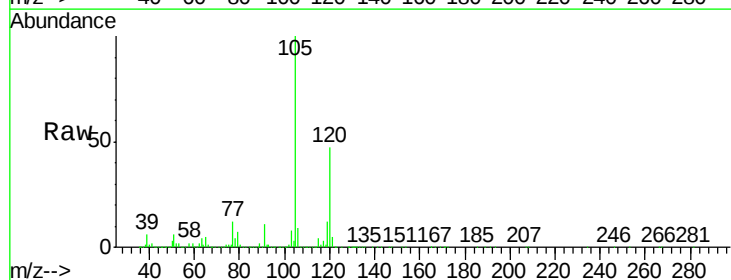
Manual Integrations  
APPROVED

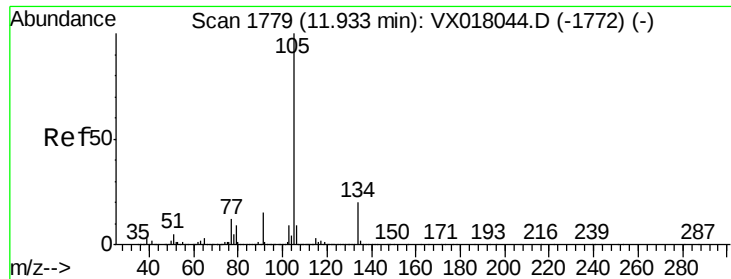
MMDadoda  
9/1/2020 9:08:58 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 53.485 ug/l  
RT: 11.79 min Scan# 1756  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.3  | 22.3  | 66.9  |





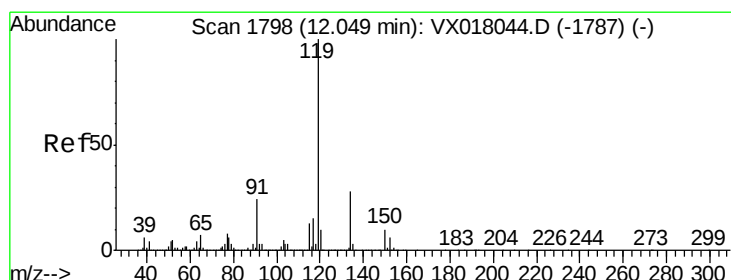
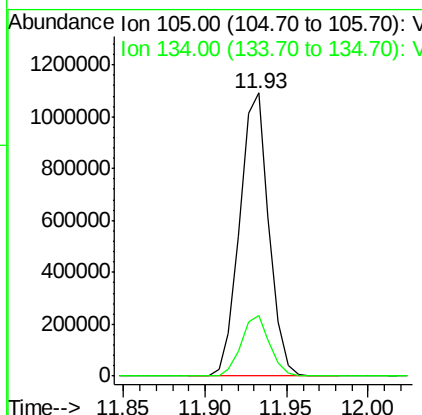
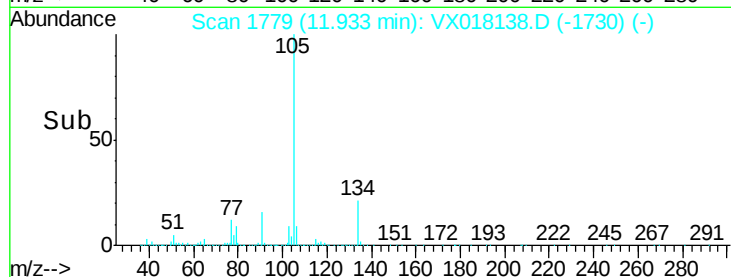
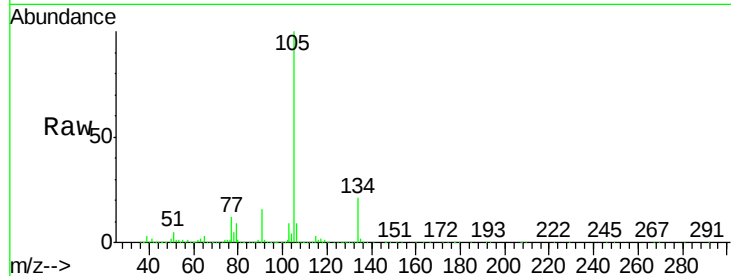
#85  
 sec-Butylbenzene  
 Concen: 54.004 ug/l  
 RT: 11.93 min Scan# 1779  
 Delta R.T. -0.00 min  
 Lab File: VX018138.D  
 Acq: 31 Aug 2020 11:25

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:105 Resp: 1357043  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.1 30.3

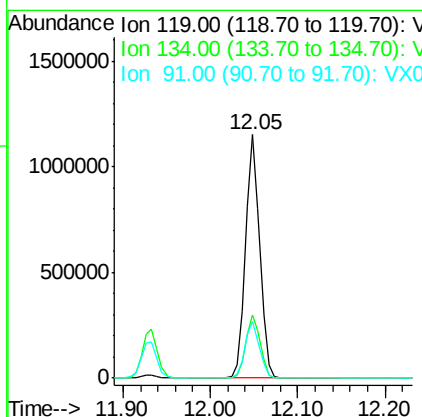
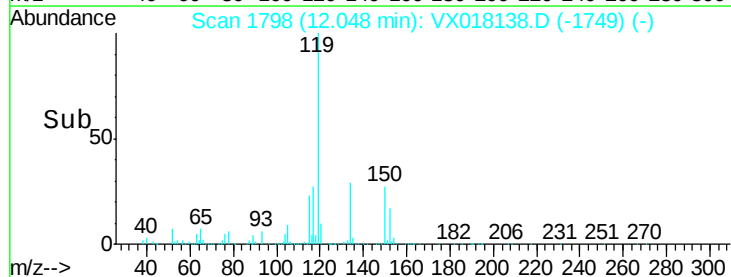
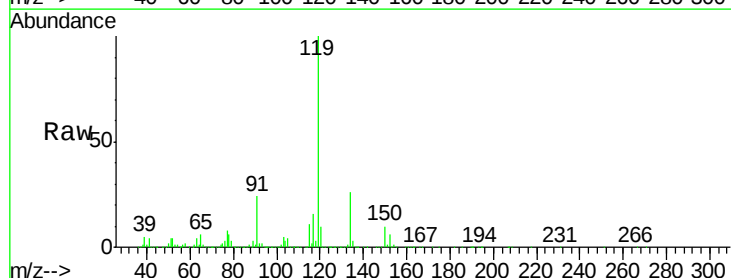
Manual Integrations  
 APPROVED

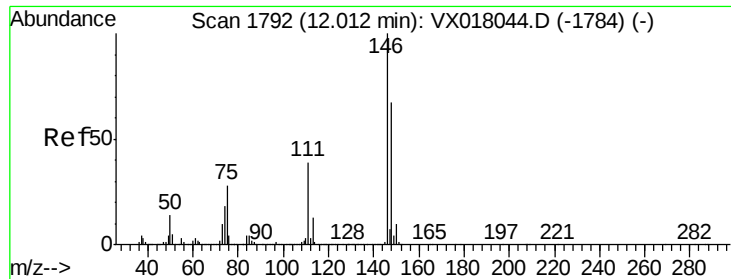
MMDadoda  
 9/1/2020 9:08:58 AM



#86  
 p-Isopropyltoluene  
 Concen: 56.089 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. -0.00 min  
 Lab File: VX018138.D  
 Acq: 31 Aug 2020 11:25

Tgt Ion:119 Resp: 1294664  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.2 39.5  
 91 23.7 11.8 35.4





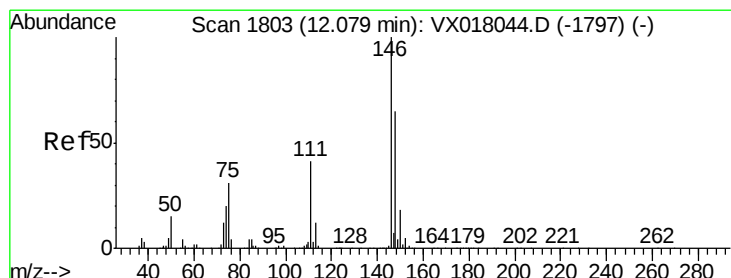
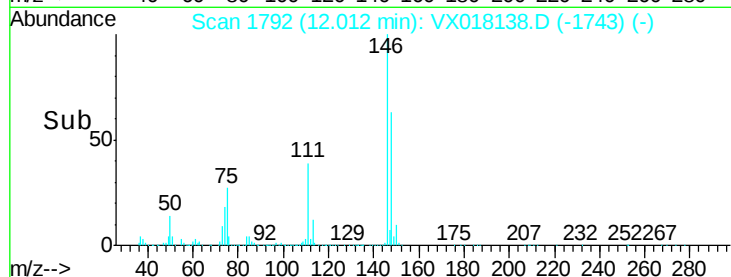
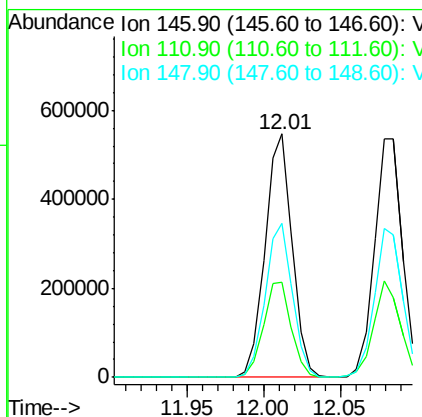
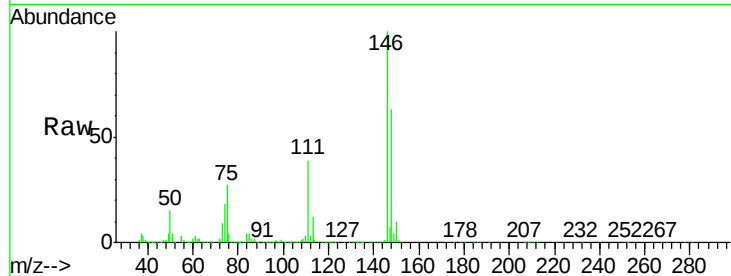
#87  
 1,3-Dichlorobenzene  
 Concen: 51.145 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX018138.D  
 Acq: 31 Aug 2020 11:25

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 676330 |       |       |
| 111     | 40.5  | 20.6   | 61.8  |       |
| 148     | 63.4  | 33.1   | 99.2  |       |

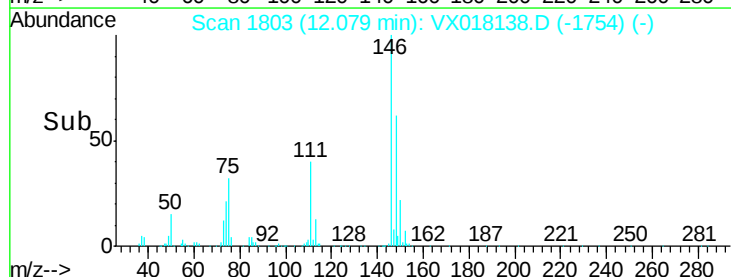
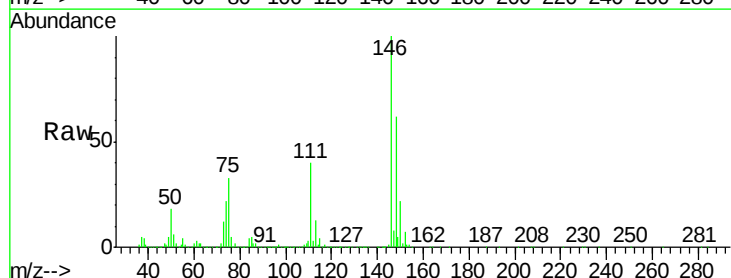
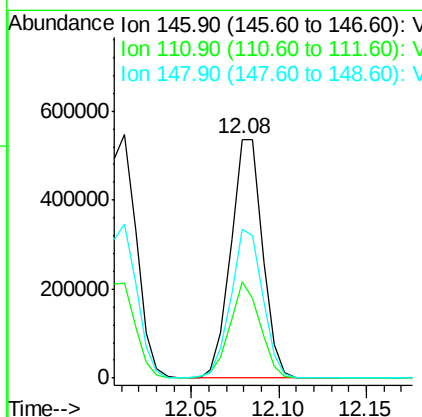
Manual Integrations  
 APPROVED

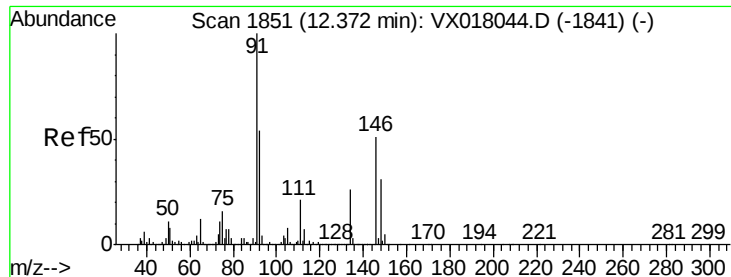
MMDadoda  
 9/1/2020 9:08:58 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 51.273 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VX018138.D  
 Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 678879 |       |       |
| 111     | 38.6  | 20.3   | 60.8  |       |
| 148     | 62.2  | 33.1   | 99.2  |       |





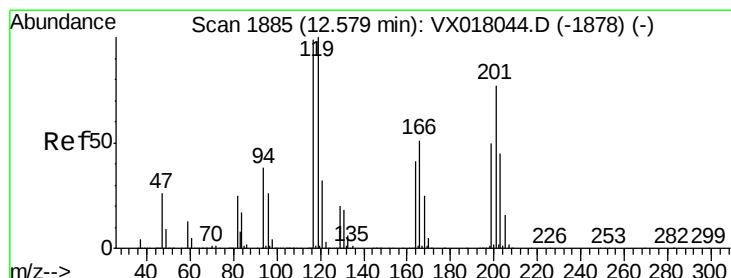
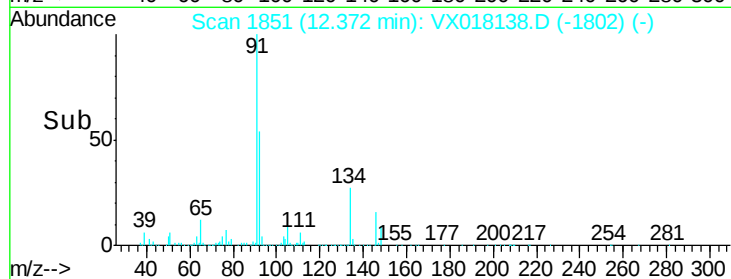
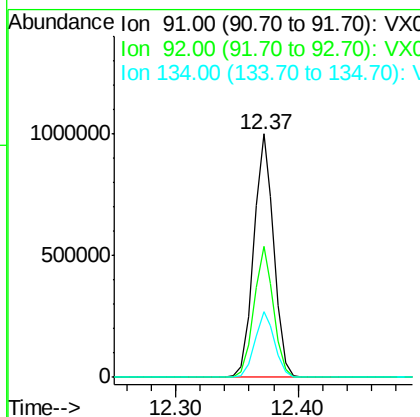
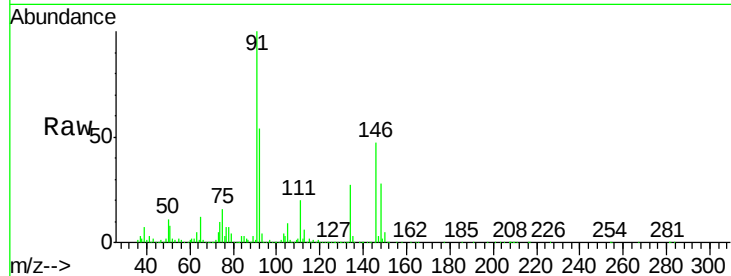
#89  
n-Butylbenzene  
Concen: 54.171 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.5  | 26.4  | 79.2  |
| 134     | 26.7  | 12.9  | 38.7  |

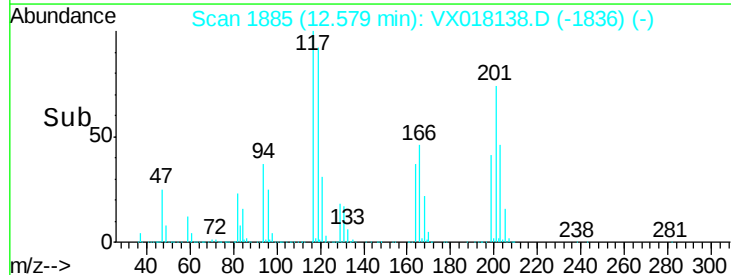
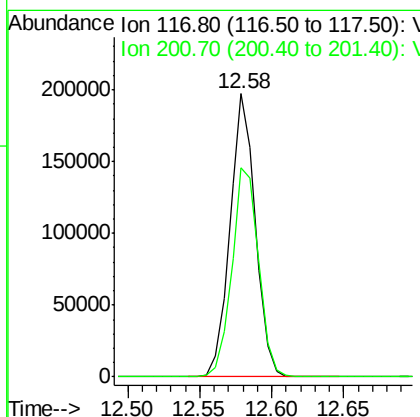
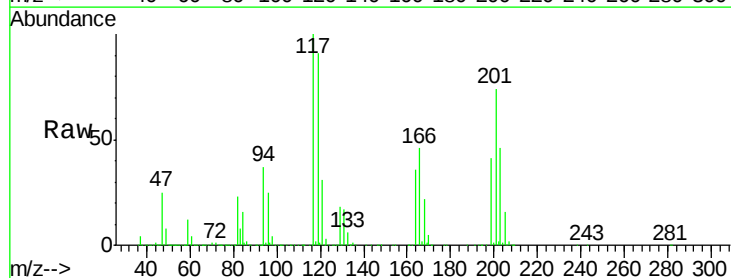
Manual Integrations  
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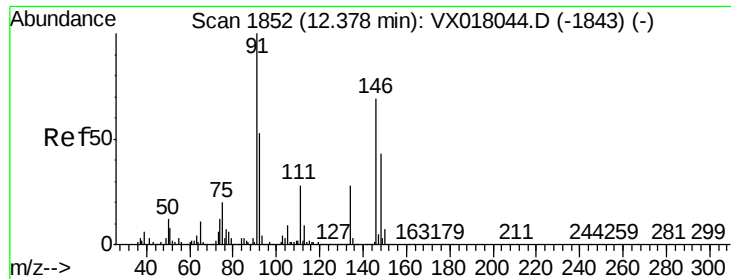
MMDadoda  
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#90  
Hexachloroethane  
Concen: 53.464 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX018138.D  
Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 77.5  | 38.5  | 115.3 |





#91

1,2-Dichlorobenzene

Concen: 51.305 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

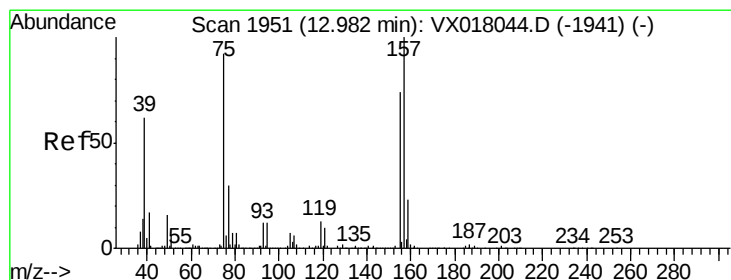
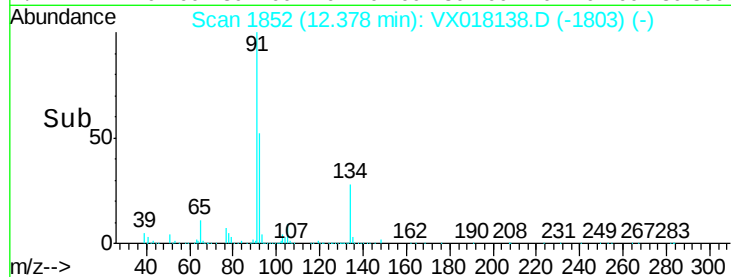
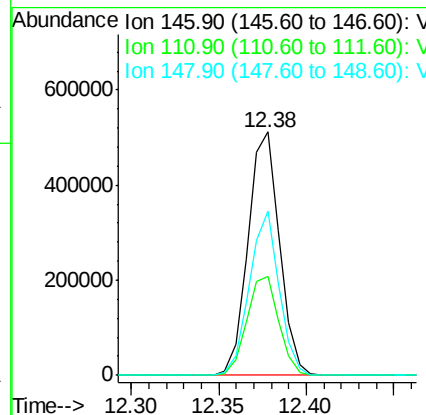
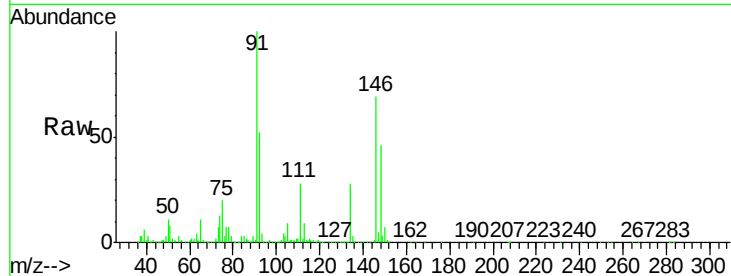
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 638638 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 41.4  | 20.8  | 62.5   |
| 148       | 63.8  | 31.6  | 95.0   |

Manual Integrations  
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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.145 ug/l

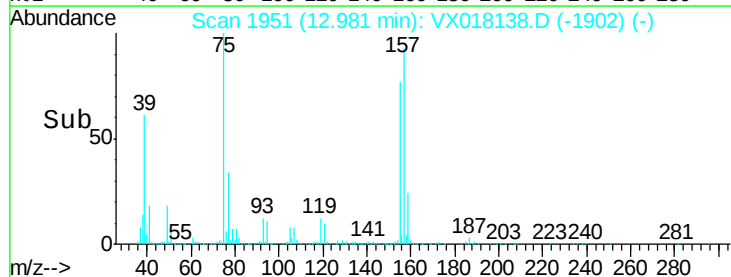
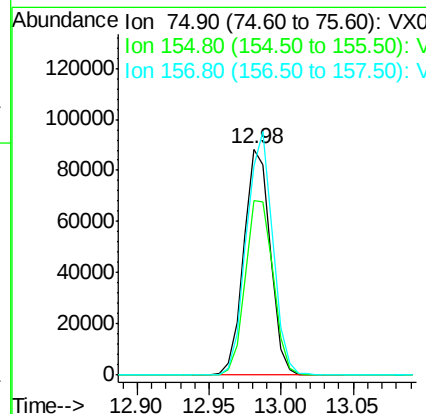
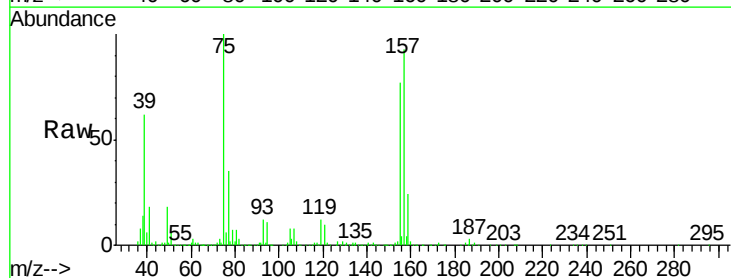
RT: 12.98 min Scan# 1951

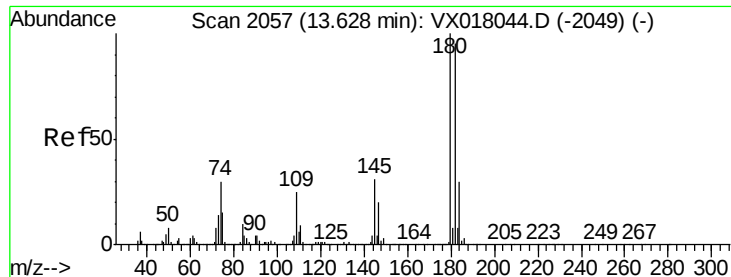
Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 113308 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 155       | 80.7  | 40.2  | 120.6  |
| 157       | 106.2 | 55.0  | 165.2  |





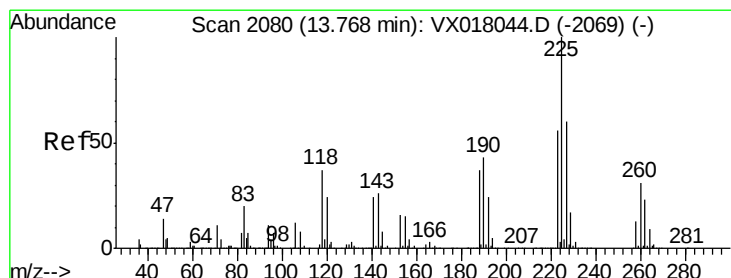
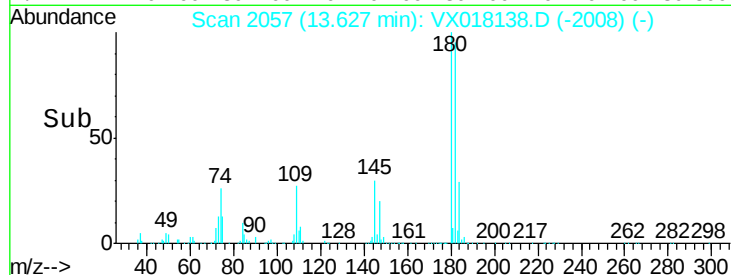
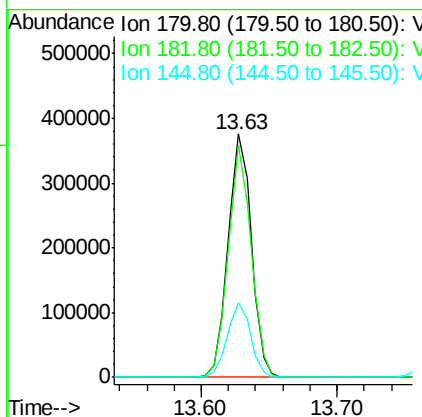
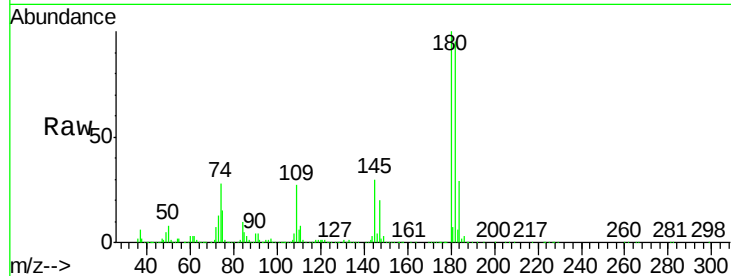
#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.952 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX018138.D  
 Acq: 31 Aug 2020 11:25

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 447830 |       |       |
| 182     | 94.0  | 47.5   | 142.6 |       |
| 145     | 30.5  | 15.7   | 47.1  |       |

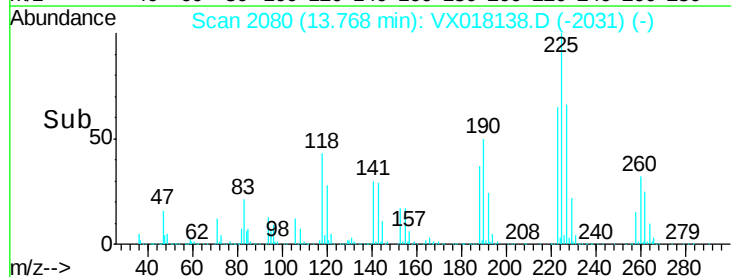
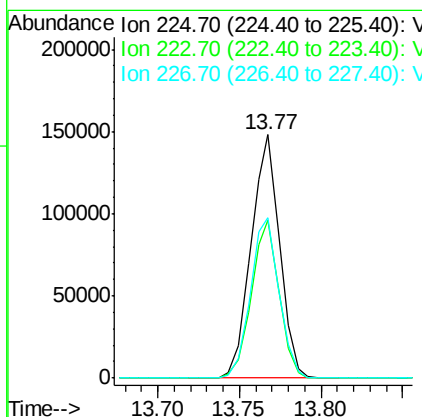
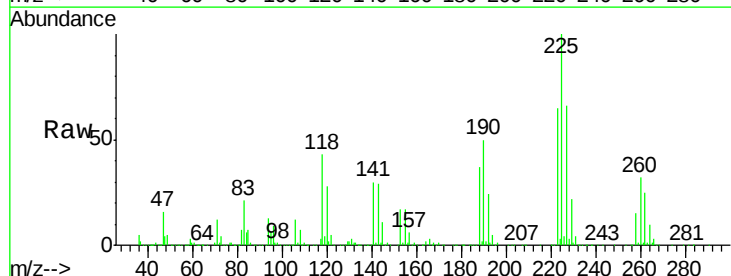
Manual Integrations  
 APPROVED

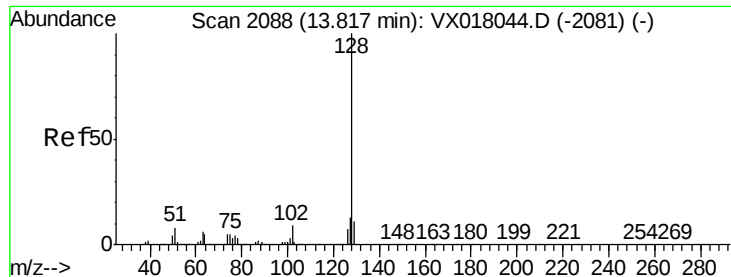
MMDadoda  
 9/1/2020 9:08:58 AM



#94  
 Hexachlorobutadiene  
 Concen: 54.987 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. -0.00 min  
 Lab File: VX018138.D  
 Acq: 31 Aug 2020 11:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 180030 |       |       |
| 223     | 63.1  | 30.7   | 92.1  |       |
| 227     | 66.0  | 32.6   | 97.8  |       |





#95

Naphthalene

Concen: 52.631 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1437740

Ion Ratio Lower Upper

128 100

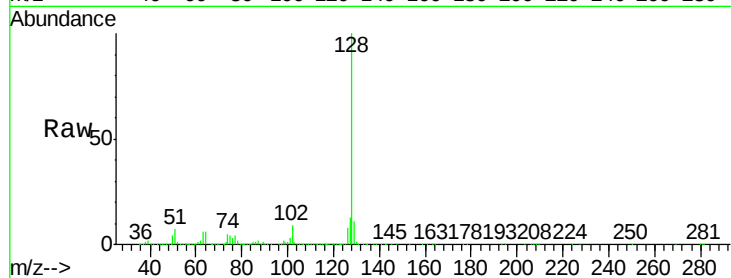
127 12.7 10.2 15.2

129 11.0 8.7 13.1

Manual Integrations  
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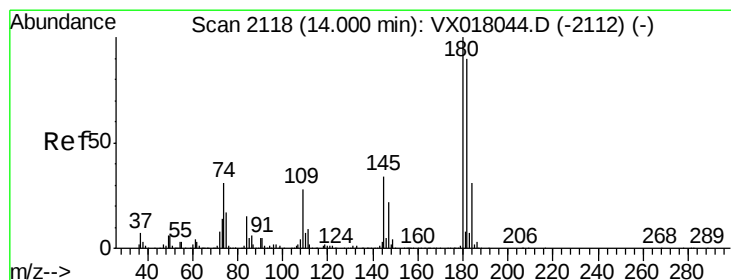
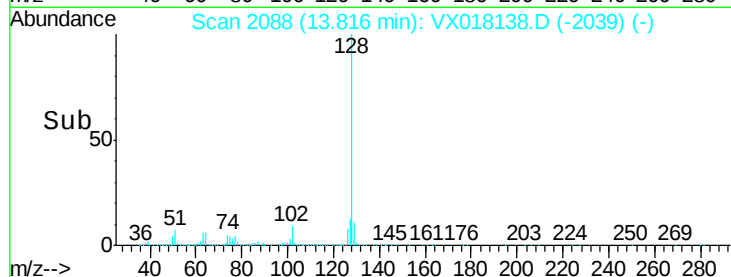
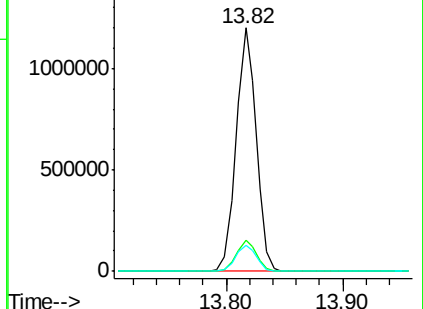
9/1/2020 9:08:58 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.443 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018138.D

Acq: 31 Aug 2020 11:25

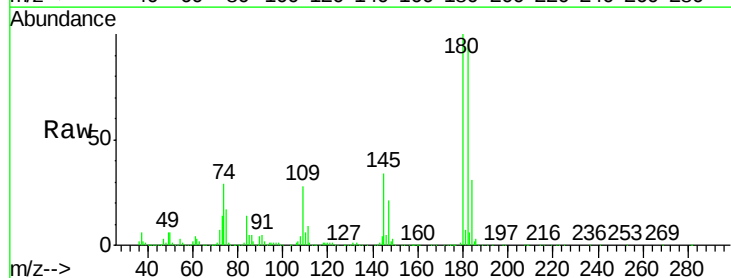
Tgt Ion:180 Resp: 438327

Ion Ratio Lower Upper

180 100

182 93.7 47.3 142.0

145 33.5 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

