

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\  
 Data File : VX019355.D  
 Acq On : 06 Nov 2020 20:13  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 11/9/2020 9:36:55 AM

Quant Time: Nov 07 03:09:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 27 13:55:07 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 240095   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 416370   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 390501   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 201630   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 166528   | 53.78 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.56% |      |
| 35) Dibromofluoromethane  | 5.47   | 113 | 131722   | 50.36 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.72% |      |
| 50) Toluene-d8            | 8.70   | 98  | 494561   | 50.16 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.32% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 198233   | 53.09 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.18% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 102295  | 51.107  | ug/l | 98     |
| 3) Chloromethane              | 1.31 | 50  | 120462  | 53.870  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.39 | 62  | 143211  | 55.223  | ug/l | 99     |
| 5) Bromomethane               | 1.62 | 94  | 97766   | 55.202  | ug/l | 98     |
| 6) Chloroethane               | 1.71 | 64  | 96183   | 58.089  | ug/l | 96     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 221192  | 54.291  | ug/l | 99     |
| 8) Diethyl Ether              | 2.17 | 74  | 90671   | 57.988  | ug/l | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 119187  | 52.779  | ug/l | 97     |
| 10) Methyl Iodide             | 2.49 | 142 | 115333  | 44.127  | ug/l | 98     |
| 11) Tert butyl alcohol        | 3.01 | 59  | 183199  | 299.557 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 123728  | 53.170  | ug/l | 97     |
| 13) Acrolein                  | 2.27 | 56  | 70663   | 258.238 | ug/l | 99     |
| 14) Allyl chloride            | 2.71 | 41  | 202906  | 57.568  | ug/l | 98     |
| 15) Acrylonitrile             | 3.11 | 53  | 386825  | 301.002 | ug/l | 99     |
| 16) Acetone                   | 2.42 | 43  | 338466  | 316.862 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.55 | 76  | 317845  | 47.949  | ug/l | 100    |
| 18) Methyl Acetate            | 2.75 | 43  | 191024  | 73.541  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 467864  | 58.027  | ug/l | 100    |
| 20) Methylene Chloride        | 2.83 | 84  | 148976  | 55.553  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 140930  | 52.622  | ug/l | 94     |
| 22) Diisopropyl ether         | 3.82 | 45  | 427761  | 60.876  | ug/l | 99     |
| 23) Vinyl Acetate             | 3.78 | 43  | 1814967 | 289.644 | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 256954  | 58.568  | ug/l | 99     |
| 25) 2-Butanone                | 4.63 | 43  | 520023  | 308.903 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 208005  | 50.432  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 164045  | 54.814  | ug/l | 97     |
| 28) Bromochloromethane        | 4.98 | 49  | 111492  | 55.900  | ug/l | 92     |
| 29) Tetrahydrofuran           | 5.09 | 42  | 329958  | 311.017 | ug/l | 98     |
| 30) Chloroform                | 5.18 | 83  | 270562  | 57.938  | ug/l | 99     |
| 31) Cyclohexane               | 5.55 | 56  | 215179  | 54.977  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 240305  | 56.758  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 197791  | 51.443  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.79 | 43  | 199843  | 55.981  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.75 | 117 | 202979  | 51.793  | ug/l | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\  
 Data File : VX019355.D  
 Acq On : 06 Nov 2020 20:13  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 11/9/2020 9:36:55 AM

Quant Time: Nov 07 03:09:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 27 13:55:07 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 226477   | 49.263   | ug/l   | 97       |
| 40) Benzene                    | 6.11  | 78   | 591139   | 54.226   | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.00  | 41   | 110998   | 57.737   | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 221287   | 55.078   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.41  | 43   | 330381   | 55.271   | ug/l   | 99       |
| 44) Trichloroethene            | 7.19  | 130  | 155245   | 49.725   | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 150440   | 56.342   | ug/l   | 98       |
| 46) Dibromomethane             | 7.63  | 93   | 103639   | 52.489   | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.88  | 83   | 216549   | 55.642   | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.74  | 41   | 165967   | 57.687   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 74722    | 1167.869 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 1030300  | 299.894  | ug/l   | 99       |
| 52) Toluene                    | 8.76  | 92   | 380040   | 54.128   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 238216   | 53.590   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 251991   | 53.910   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 153098   | 55.187   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 240306   | 57.349   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 260185   | 55.628   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 633016   | 270.123  | ug/l   | 96       |
| 59) 2-Hexanone                 | 9.47  | 43   | 786991   | 300.933  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 164731   | 54.716   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 162049   | 54.625   | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.32  | 164  | 139352   | 46.838   | ug/l   | 96       |
| 65) Chlorobenzene              | 10.12 | 112  | 403712   | 50.581   | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 148443   | 51.662   | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.24 | 91   | 736954   | 51.817   | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.34 | 106  | 553617   | 103.715  | ug/l   | 98       |
| 69) o-Xylene                   | 10.68 | 106  | 263963   | 52.136   | ug/l   | 99       |
| 70) Styrene                    | 10.70 | 104  | 458314   | 53.054   | ug/l   | 99       |
| 71) Bromoform                  | 10.84 | 173  | 119560   | 52.481   | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 720305   | 50.468   | ug/l   | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 290525   | 55.673   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 245906   | 55.130   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 224303m  | 53.877   | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 170346   | 48.090   | ug/l   | 90       |
| 78) n-propylbenzene            | 11.34 | 91   | 834385   | 51.213   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 495067   | 51.613   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 613438   | 50.877   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.05 | 75   | 77756    | 49.176   | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 594117   | 50.722   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 593805   | 51.435   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 623079   | 51.188   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 703847   | 50.832   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 643331   | 50.338   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 326751   | 49.533   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 329147   | 47.934   | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.37 | 91   | 592805   | 49.347   | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 112488   | 51.783   | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 319592   | 50.455   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 55729    | 51.037   | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\  
Data File : VX019355.D  
Acq On : 06 Nov 2020 20:13  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

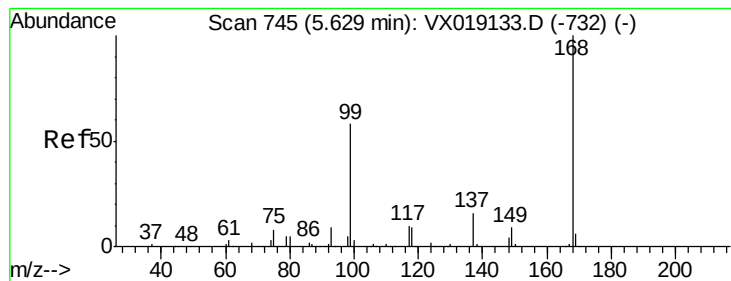
MMDadoda  
11/9/2020 9:36:55 AM

Quant Time: Nov 07 03:09:29 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102720W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 27 13:55:07 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 212223   | 44.605 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.76 | 225  | 82240    | 39.266 | ug/l  | 98       |
| 95) Naphthalene            | 13.82 | 128  | 719031   | 47.983 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 203172   | 44.018 | ug/l  | 99       |

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





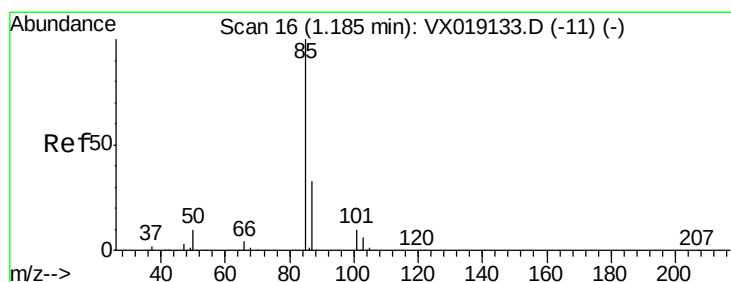
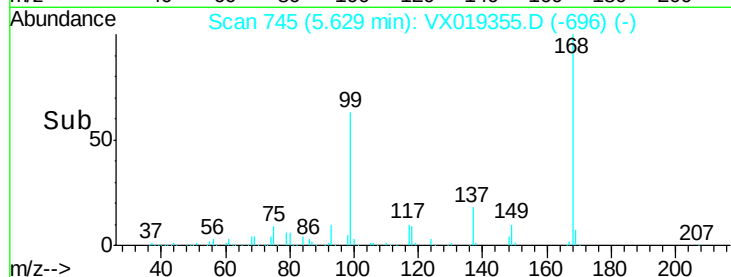
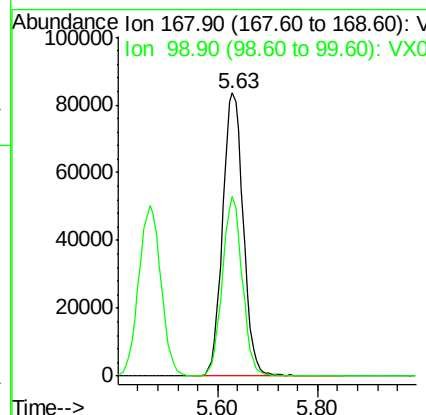
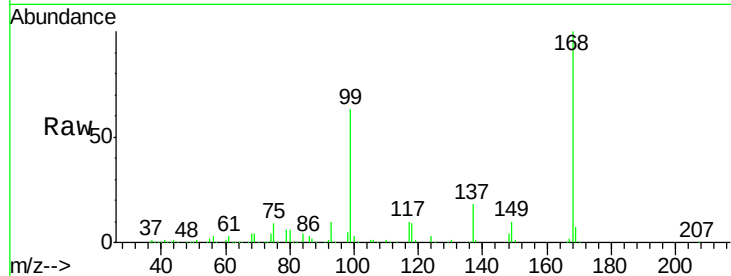
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.63 min Scan# 745  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 63.4  | 46.6  | 69.8  |

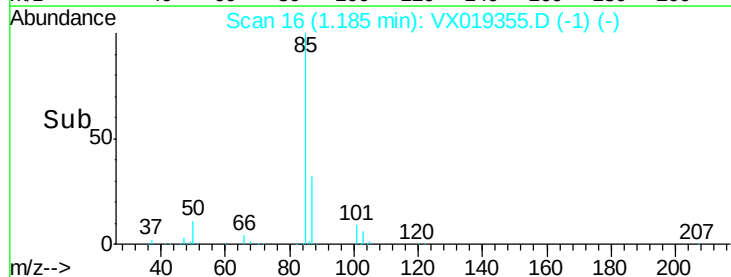
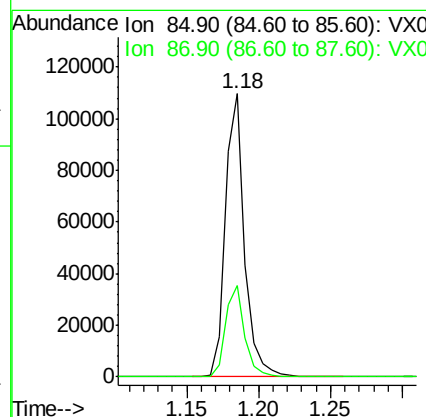
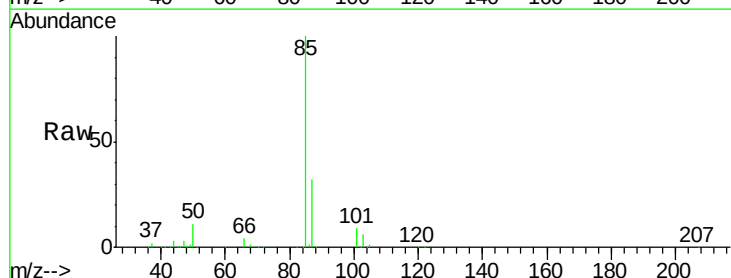
Manual Integrations  
APPROVED

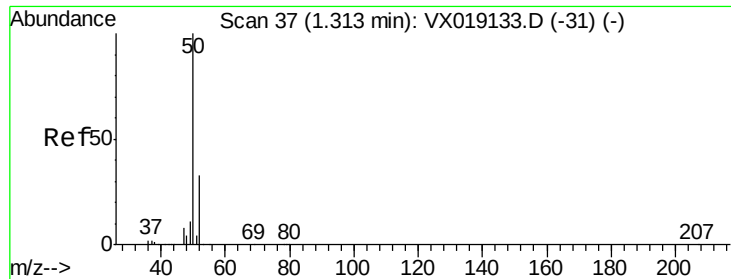
MMDadoda  
11/9/2020 9:36:55 AM



#2  
Dichlorodifluoromethane  
Concen: 51.107 ug/l  
RT: 1.18 min Scan# 16  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 32.1  | 16.6  | 49.7  |





#3

Chloromethane

Concen: 53.870 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 120462

Ion Ratio Lower Upper

50 100

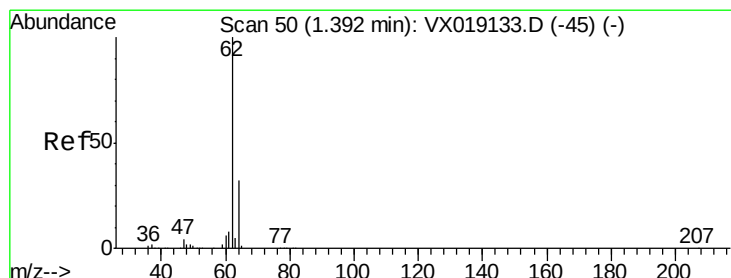
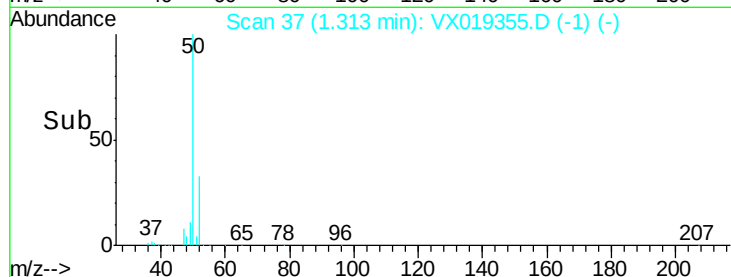
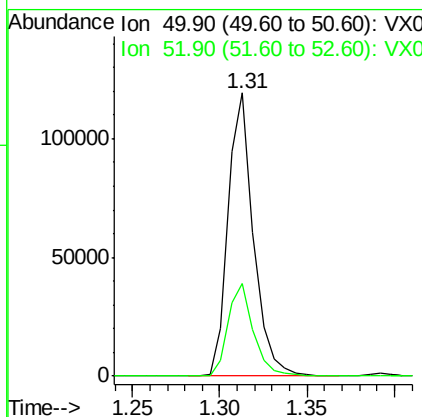
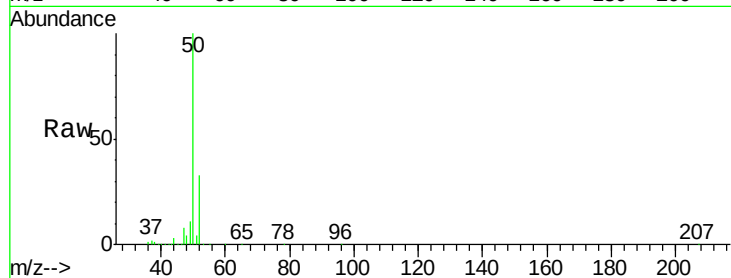
52 32.9 26.8 40.2

Manual Integrations

APPROVED

MMDadoda

11/9/2020 9:36:55 AM



#4

Vinyl Chloride

Concen: 55.223 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019355.D

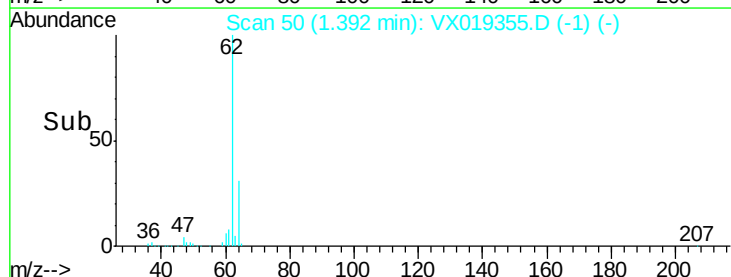
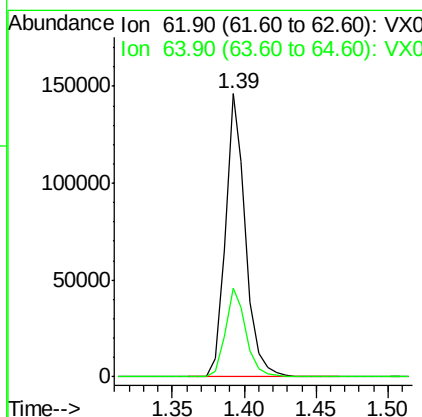
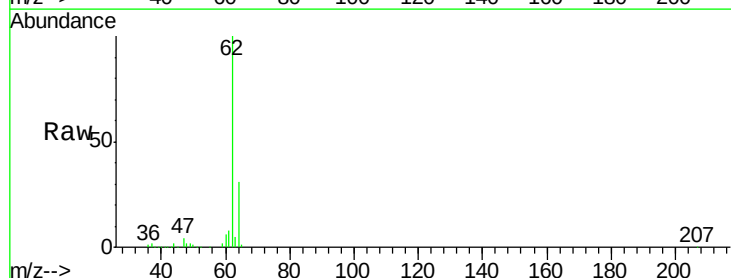
Acq: 06 Nov 2020 20:13

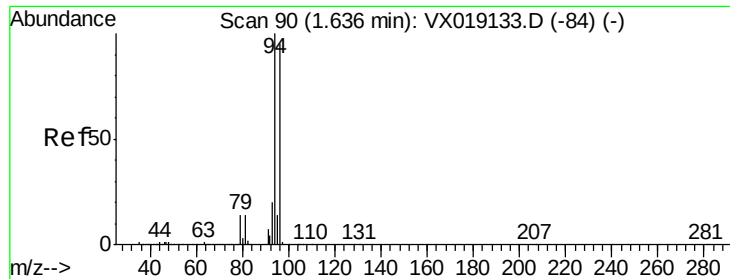
Tgt Ion: 62 Resp: 143211

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 55.202 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 97766

Ion Ratio Lower Upper

94 100

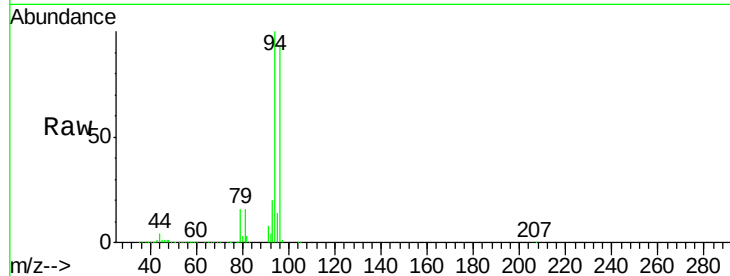
96 93.0 76.0 114.0

Manual Integrations

APPROVED

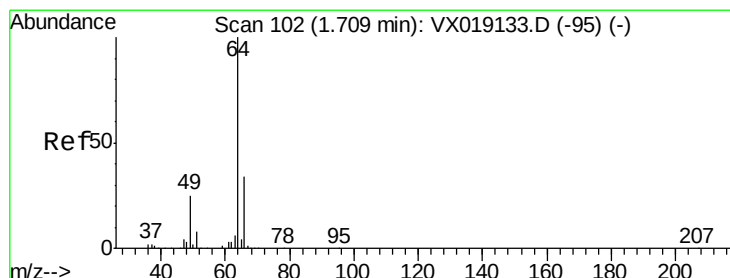
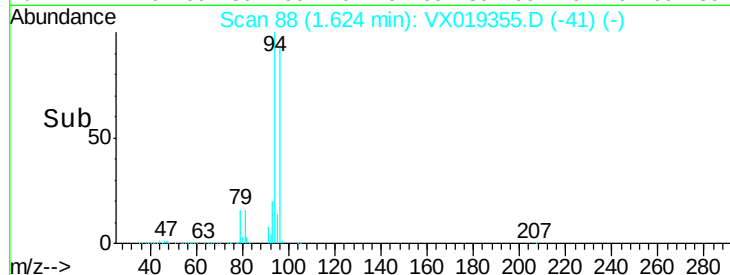
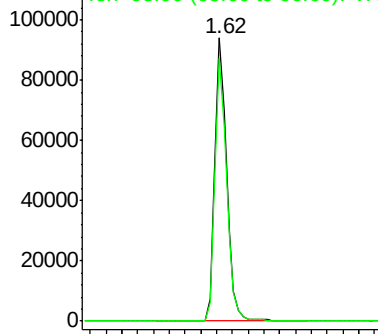
MMDadoda

11/9/2020 9:36:55 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 58.089 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019355.D

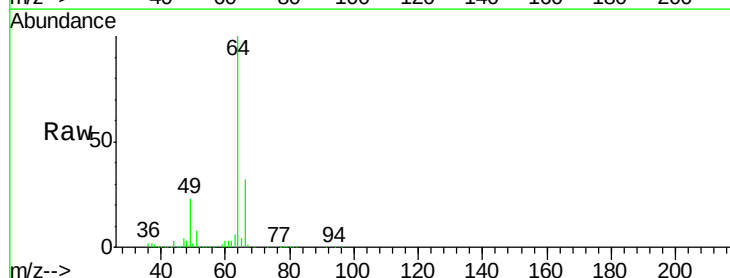
Acq: 06 Nov 2020 20:13

Tgt Ion: 64 Resp: 96183

Ion Ratio Lower Upper

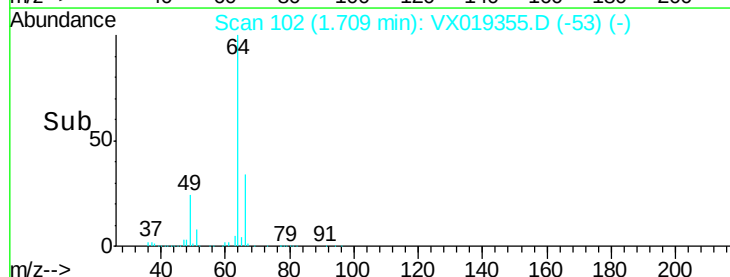
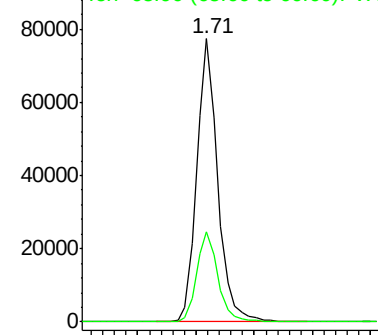
64 100

66 31.8 27.1 40.7

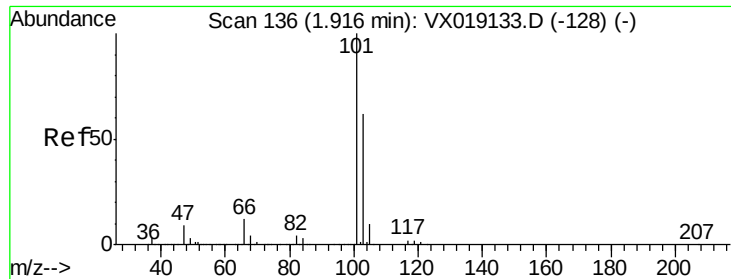


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0







#7

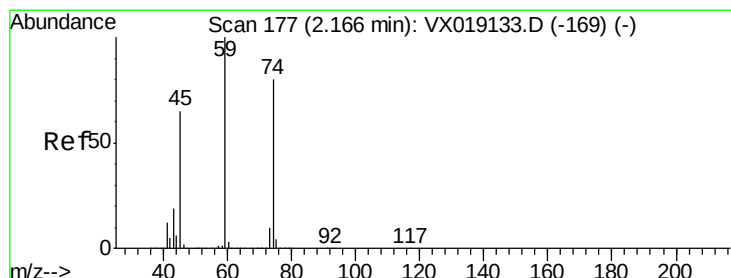
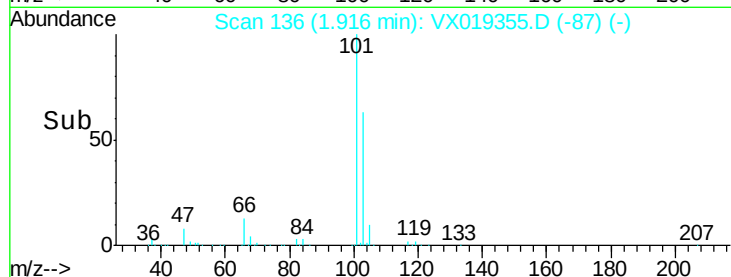
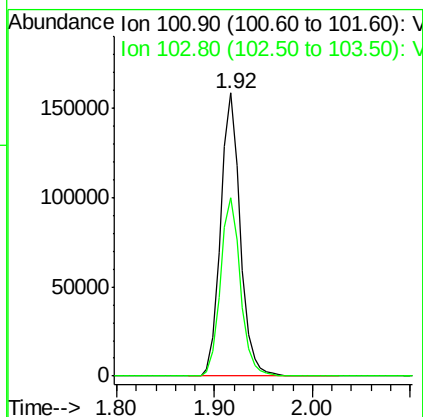
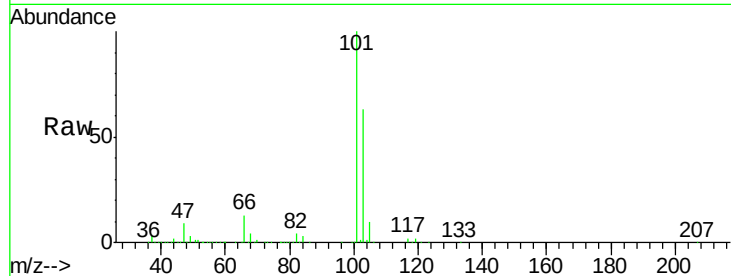
Trichlorofluoromethane  
Concen: 54.291 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.2  | 50.0  | 75.0  |

Manual Integrations  
APPROVED

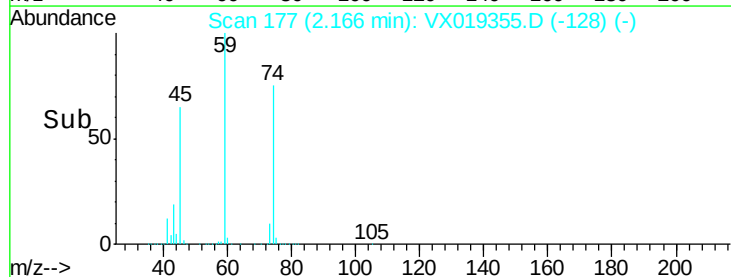
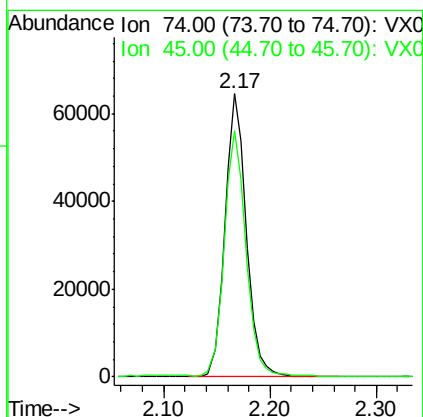
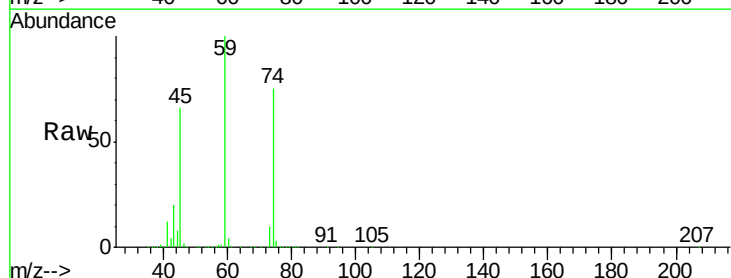
MMDadoda  
11/9/2020 9:36:55 AM



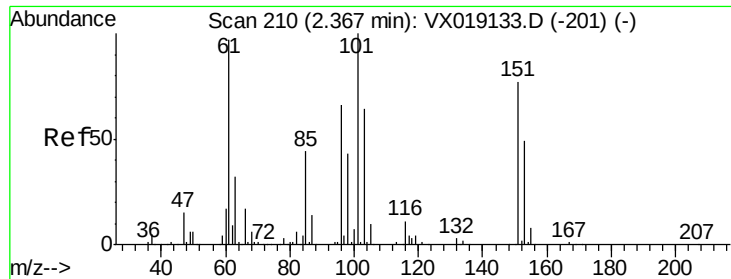
#8

Diethyl Ether  
Concen: 57.988 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 87.7  | 41.0  | 123.0 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.779 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

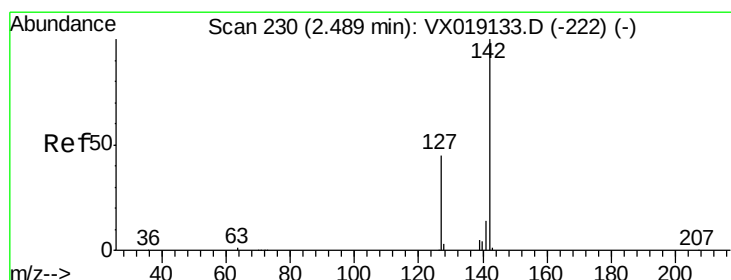
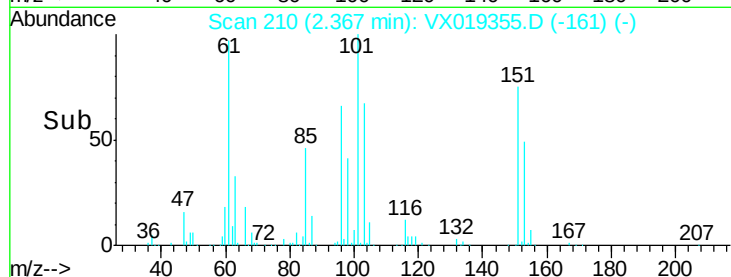
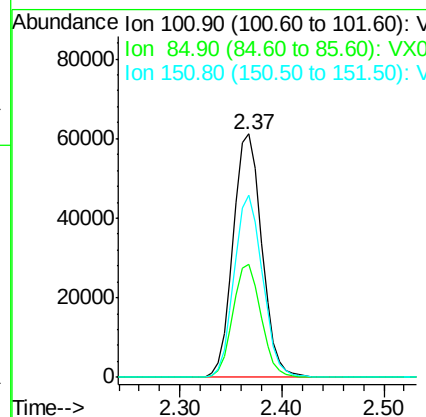
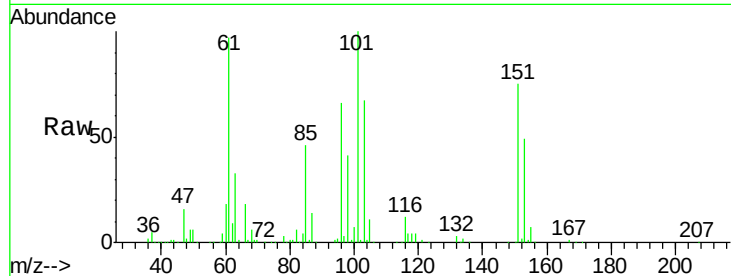
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 119187 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 45.6  | 35.0  | 52.4   |
| 151       | 74.2  | 61.4  | 92.2   |

Manual Integrations  
APPROVED

MMDadoda  
11/9/2020 9:36:55 AM



#10

Methyl Iodide

Concen: 44.127 ug/l

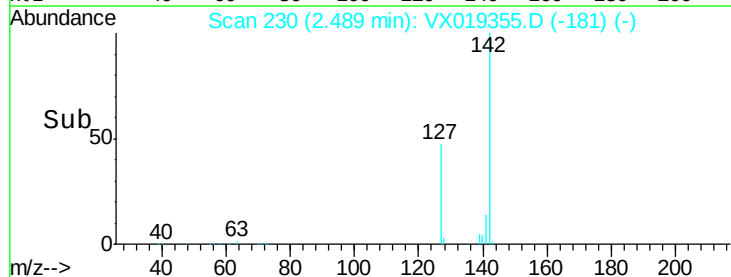
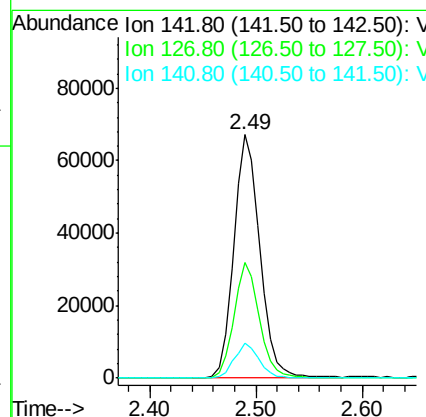
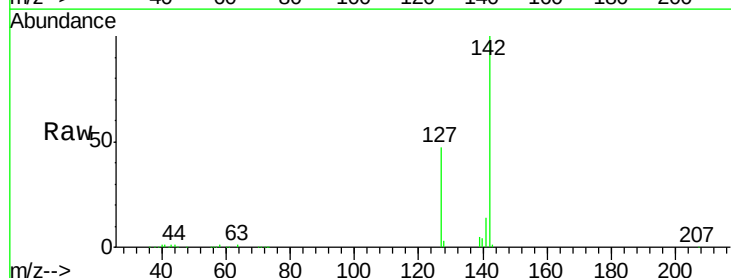
RT: 2.49 min Scan# 230

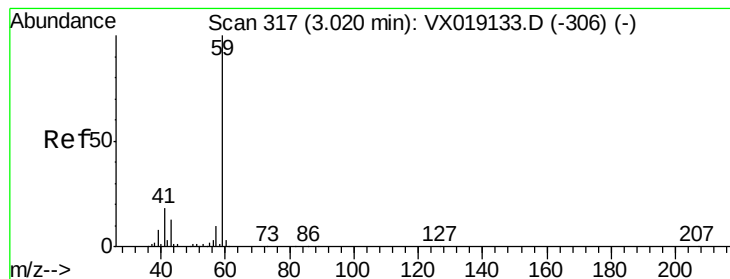
Delta R.T. 0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 115333 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 46.3  | 36.1  | 54.1   |
| 141       | 13.8  | 11.3  | 16.9   |





#11

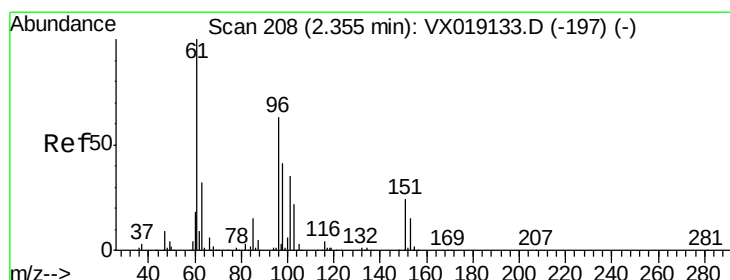
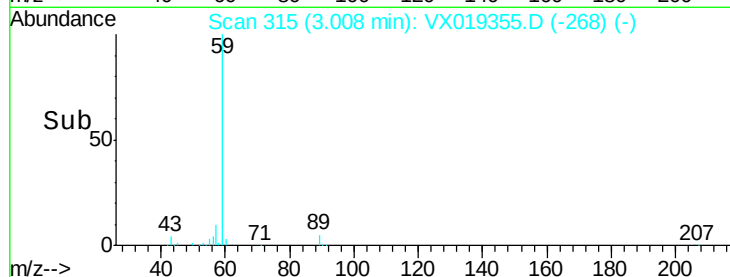
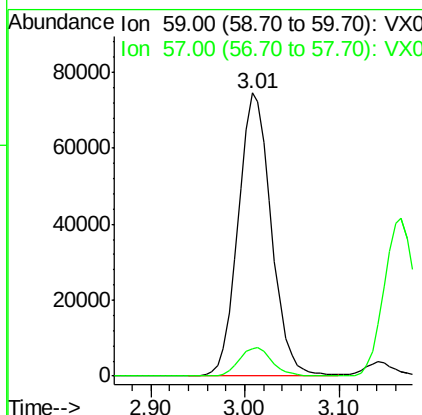
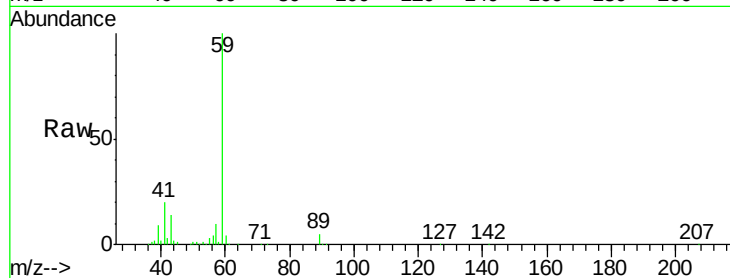
Tert butyl alcohol  
Concen: 299.557 ug/l  
RT: 3.01 min Scan# 315  
Delta R.T. -0.01 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.2  | 8.4   | 12.6  |

Manual Integrations  
APPROVED

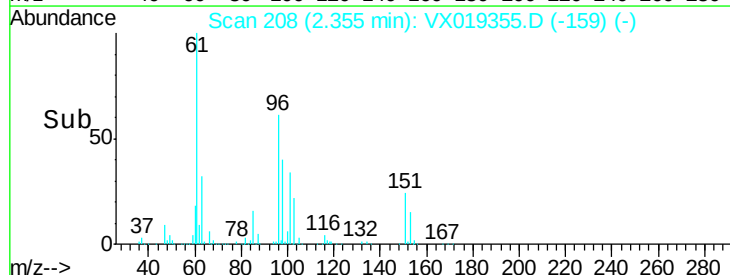
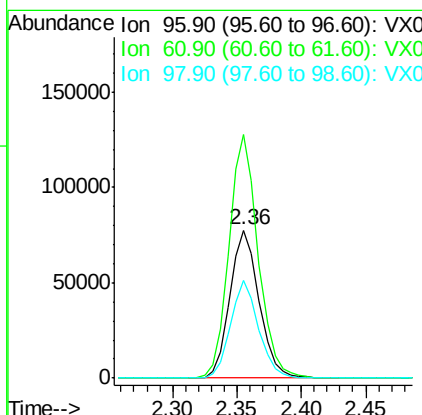
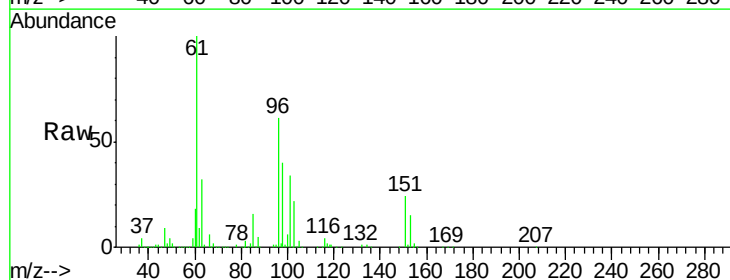
MMDadoda  
11/9/2020 9:36:55 AM

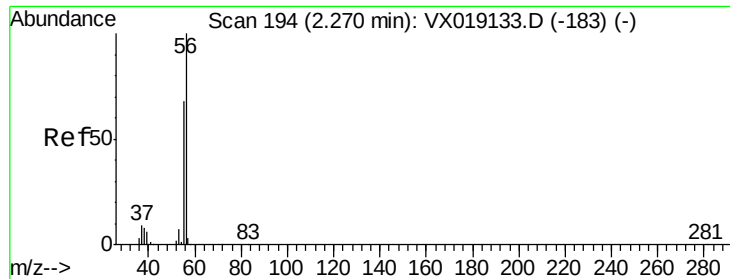


#12

1,1-Dichloroethene  
Concen: 53.170 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 164.8 | 127.7 | 191.5 |
| 98      | 65.8  | 52.1  | 78.1  |





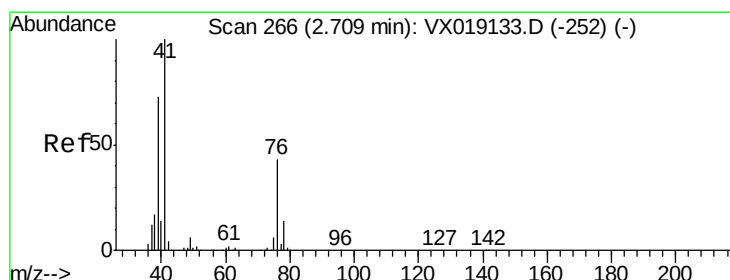
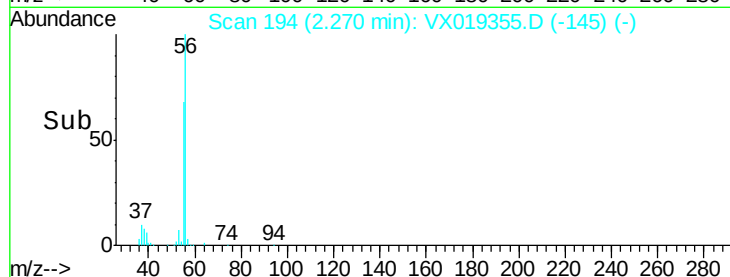
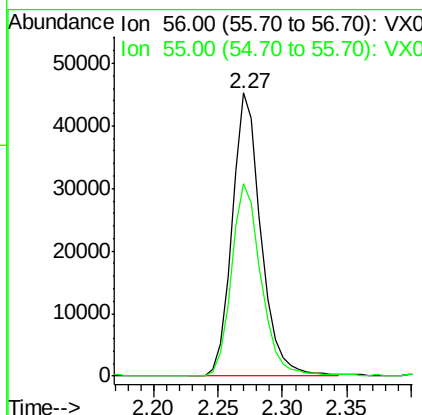
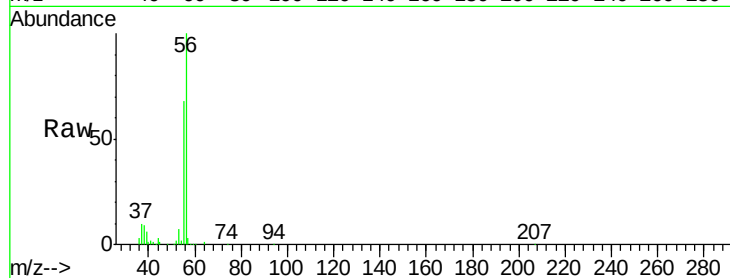
#13  
Acrolein  
Concen: 258.238 ug/l  
RT: 2.27 min Scan# 194  
Delta R.T. 0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 69.2  | 54.7  | 82.1  |

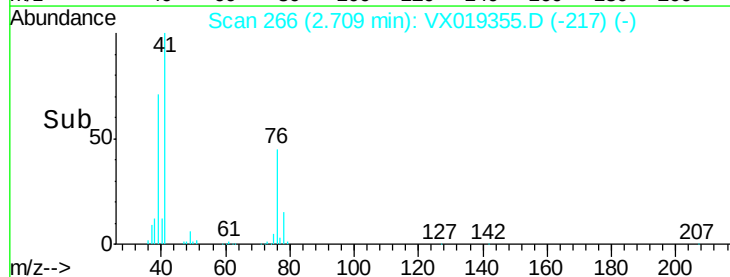
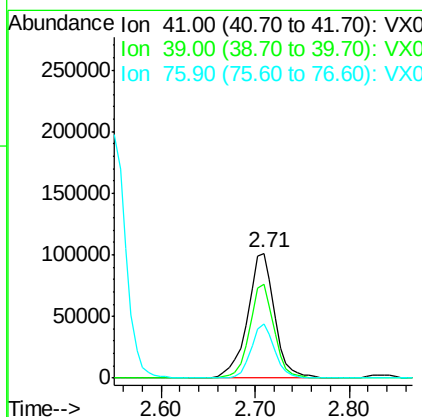
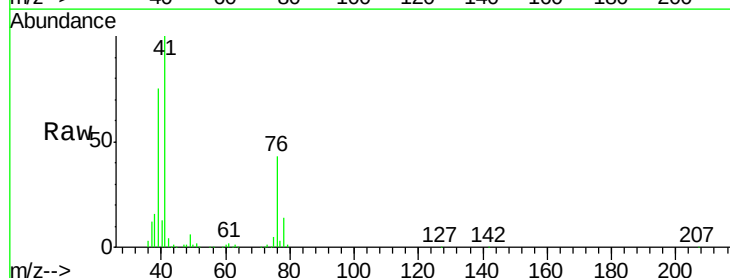
Manual Integrations  
APPROVED

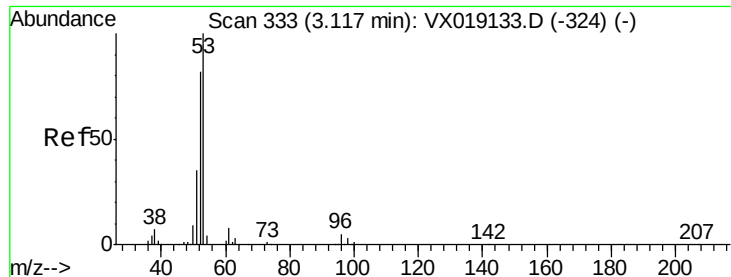
MMDadoda  
11/9/2020 9:36:55 AM



#14  
Allyl chloride  
Concen: 57.568 ug/l  
RT: 2.71 min Scan# 266  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 67.9  | 55.2  | 82.8  |
| 76      | 37.2  | 31.5  | 47.3  |





#15

Acrylonitrile

Concen: 301.002 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

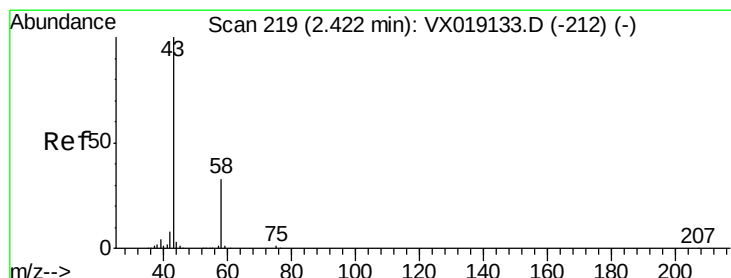
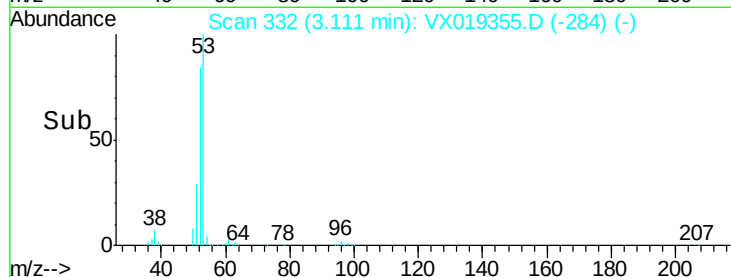
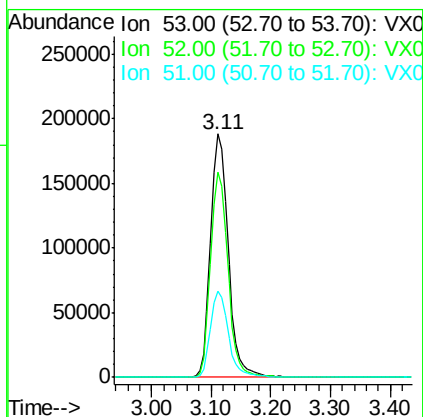
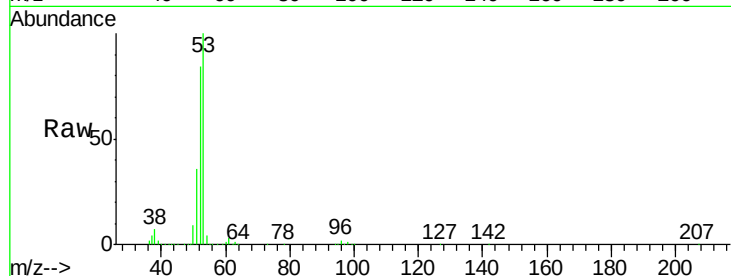
ClientSampleId :

VSTDCCC050EC

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 386825 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 82.5 | 65.7  | 98.5   |
| 51        | 36.1 | 28.4  | 42.6   |

Manual Integrations  
APPROVED

MMDadoda  
11/9/2020 9:36:55 AM



#16

Acetone

Concen: 316.862 ug/l

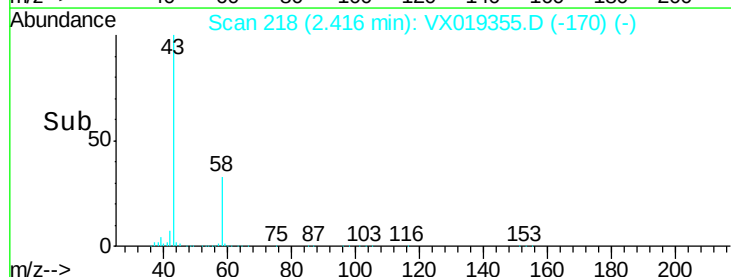
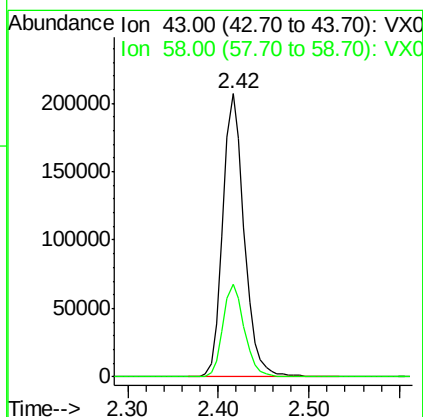
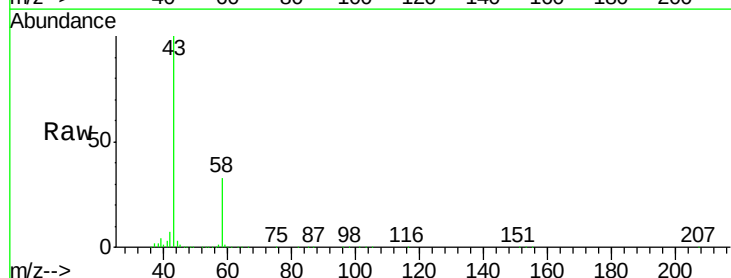
RT: 2.42 min Scan# 218

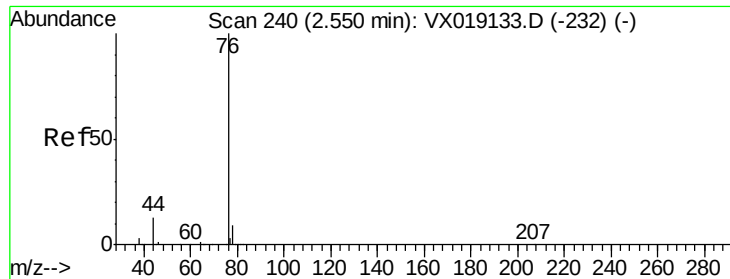
Delta R.T. -0.01 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 338466 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 32.9 | 26.3  | 39.5   |





#17

Carbon Disulfide

Concen: 47.949 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 317845

Ion Ratio Lower Upper

76 100

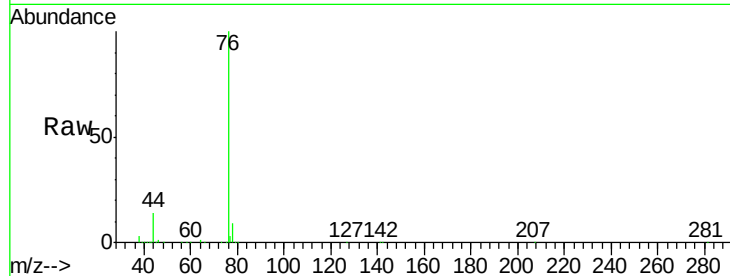
78 9.2 7.3 10.9

Manual Integrations

APPROVED

MMDadoda

11/9/2020 9:36:55 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

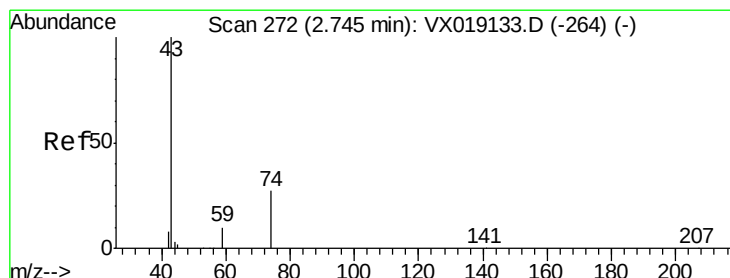
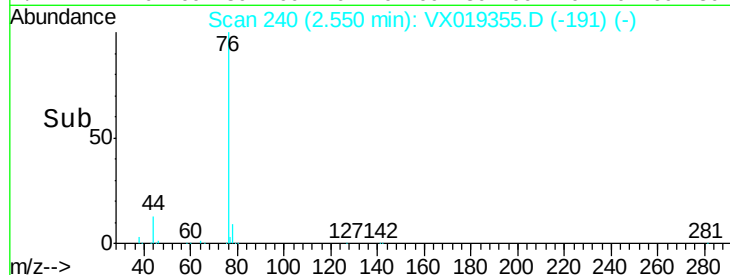
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 73.541 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019355.D

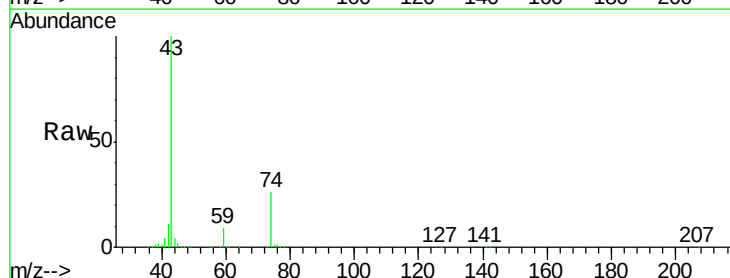
Acq: 06 Nov 2020 20:13

Tgt Ion: 43 Resp: 191024

Ion Ratio Lower Upper

43 100

74 27.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

120000

100000

80000

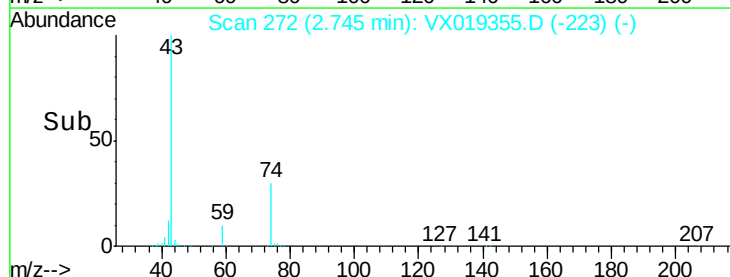
60000

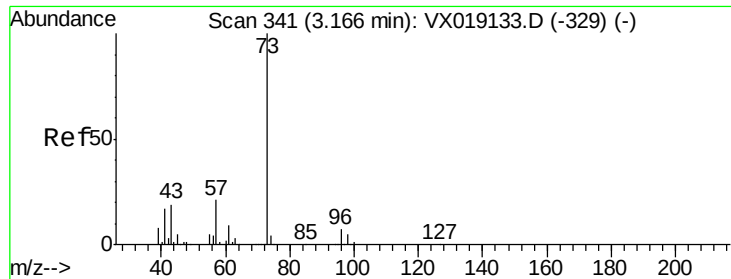
40000

20000

0

Time-->





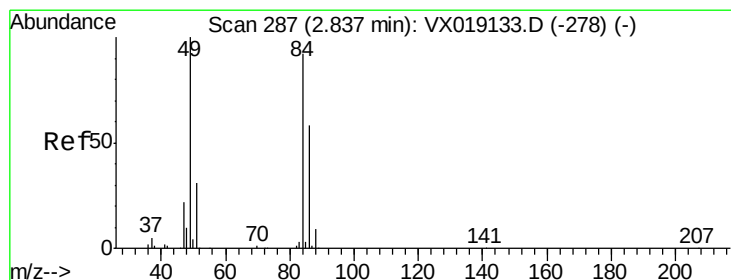
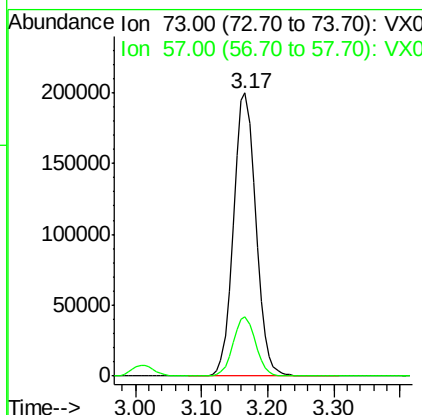
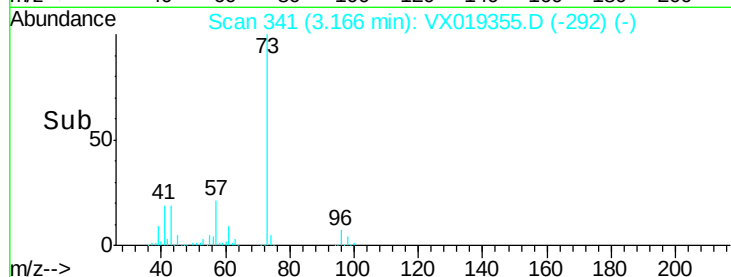
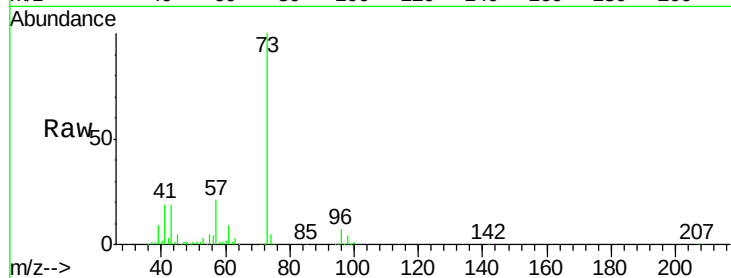
#19  
Methyl tert-butyl Ether  
Concen: 58.027 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 20.8  | 16.6  | 25.0  |

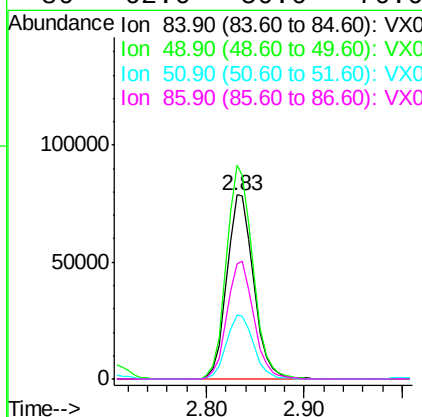
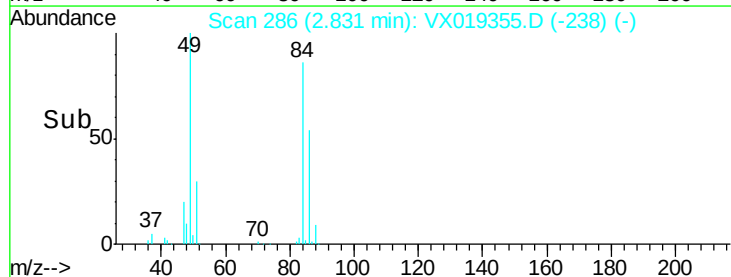
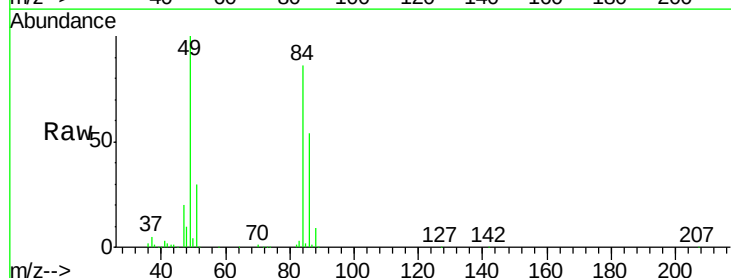
Manual Integrations  
APPROVED

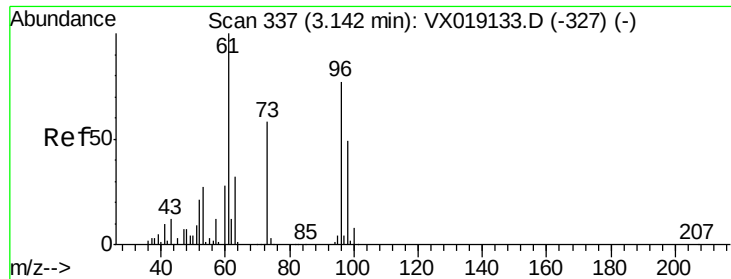
MMDadoda  
11/9/2020 9:36:55 AM



#20  
Methylene Chloride  
Concen: 55.553 ug/l  
RT: 2.83 min Scan# 286  
Delta R.T. -0.01 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 115.9 | 86.8  | 130.2 |
| 51      | 34.9  | 27.3  | 40.9  |
| 86      | 62.6  | 50.6  | 76.0  |





#21

trans-1,2-Dichloroethene

Concen: 52.622 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

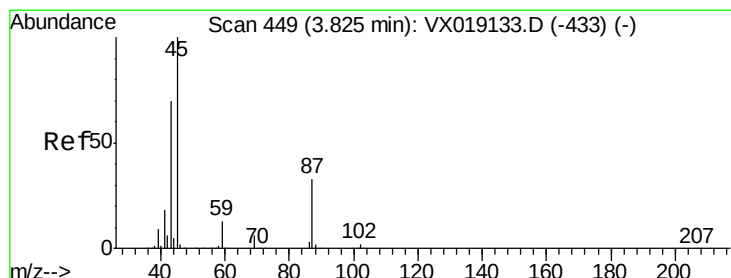
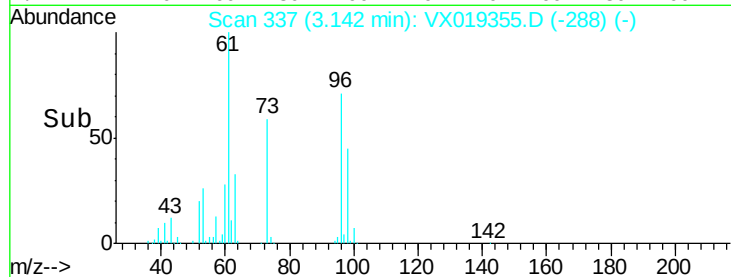
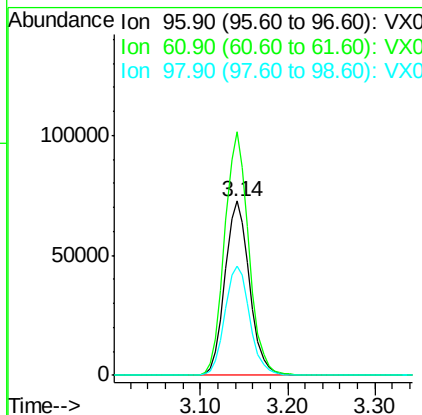
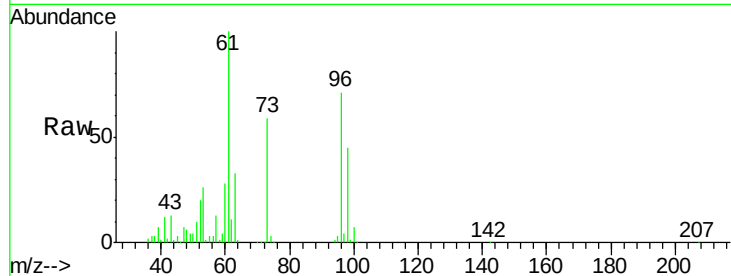
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 140930 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 139.9 | 104.2 | 156.4  |
| 98       | 62.6  | 51.3  | 76.9   |

Manual Integrations  
APPROVED

MMDadoda  
11/9/2020 9:36:55 AM



#22

Diisopropyl ether

Concen: 60.876 ug/l

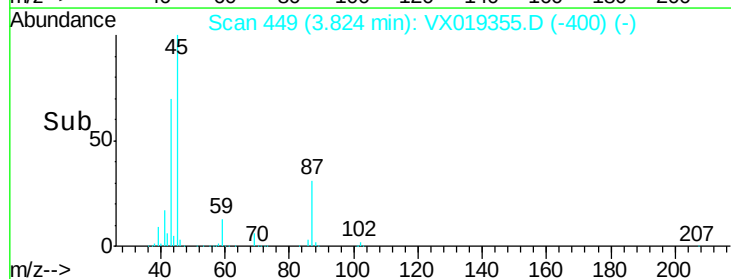
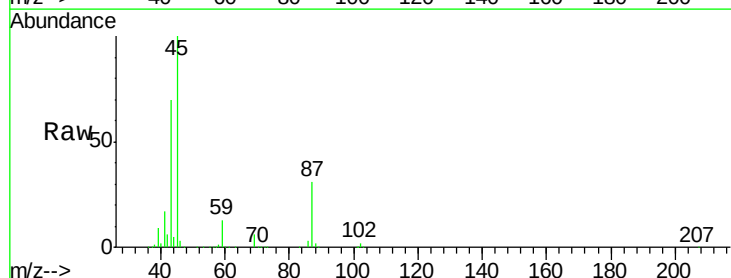
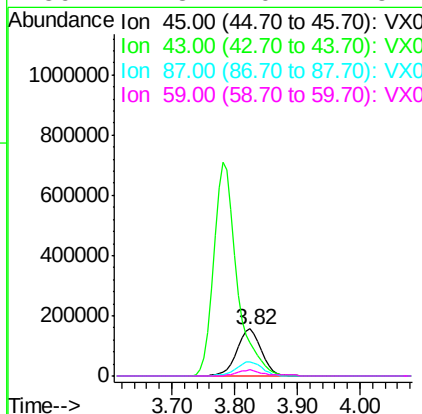
RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

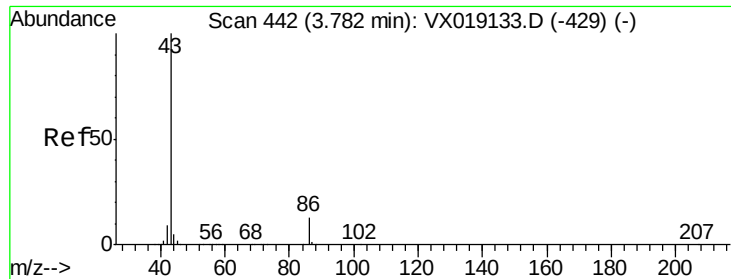
Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 427761 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 70.2  | 56.2  | 84.4   |
| 87       | 31.3  | 26.2  | 39.2   |
| 59       | 12.8  | 10.1  | 15.1   |







#23

Vinyl Acetate

Concen: 289.644 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1814967

Ion Ratio Lower Upper

43 100

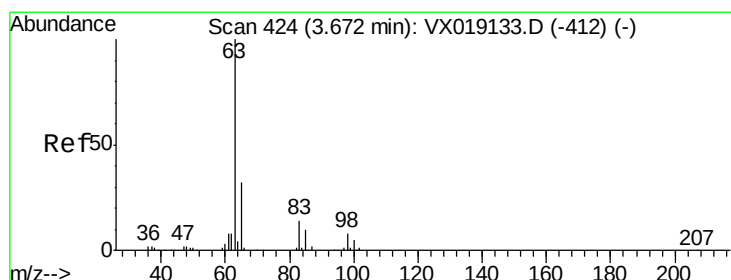
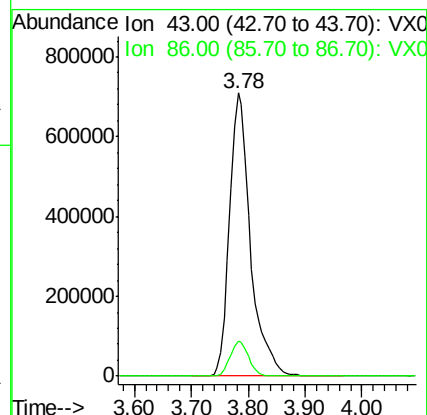
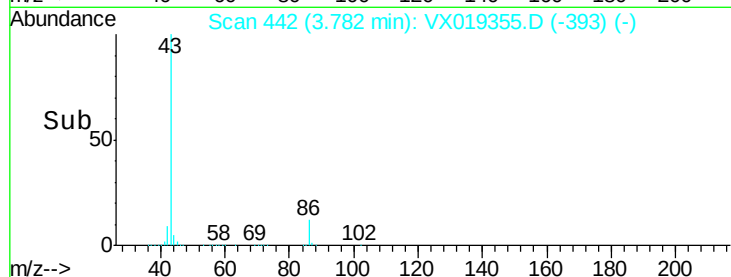
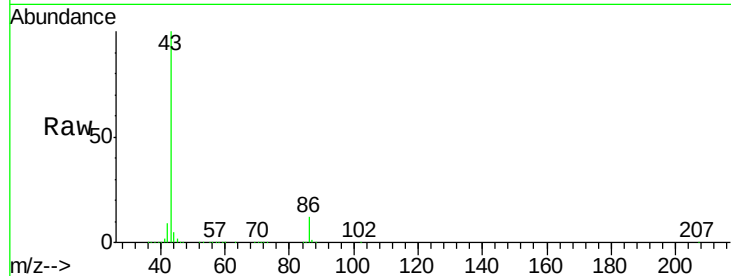
86 12.4 10.4 15.6

Manual Integrations

APPROVED

MMDadoda

11/9/2020 9:36:55 AM



#24

1,1-Dichloroethane

Concen: 58.568 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

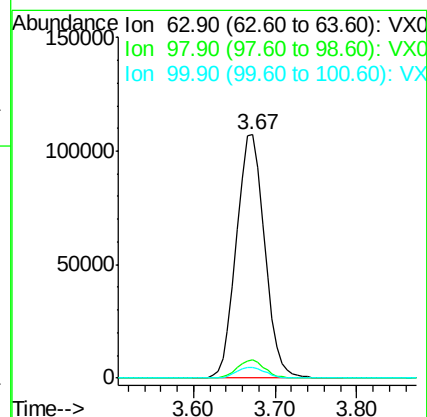
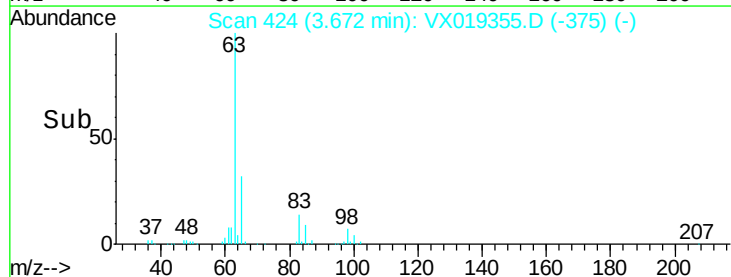
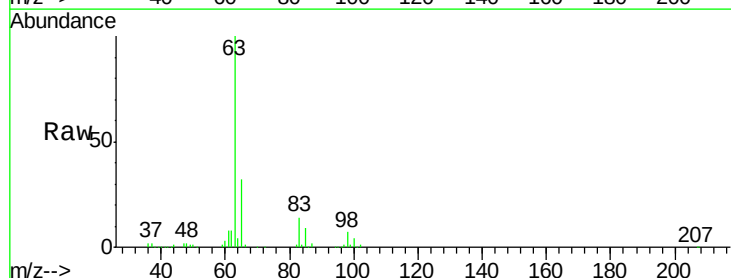
Tgt Ion: 63 Resp: 256954

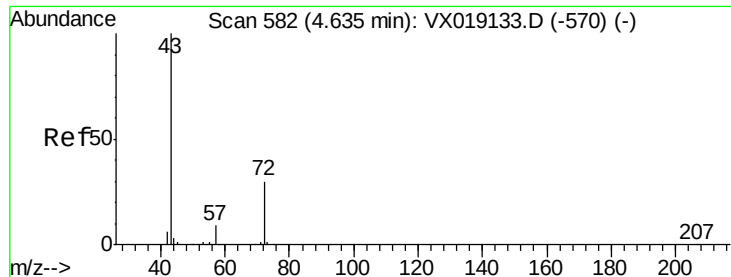
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 308.903 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 520023

Ion Ratio Lower Upper

43 100

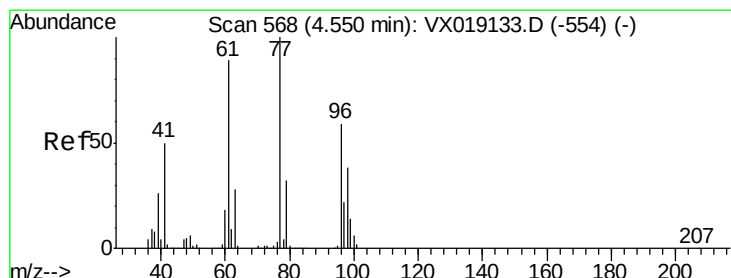
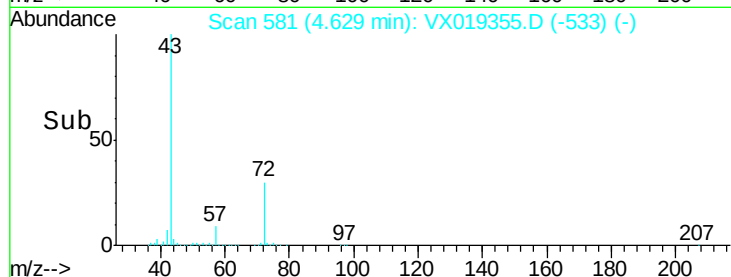
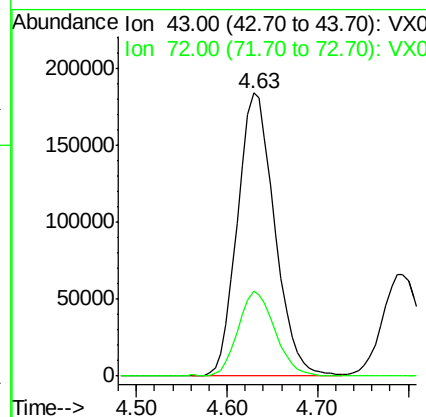
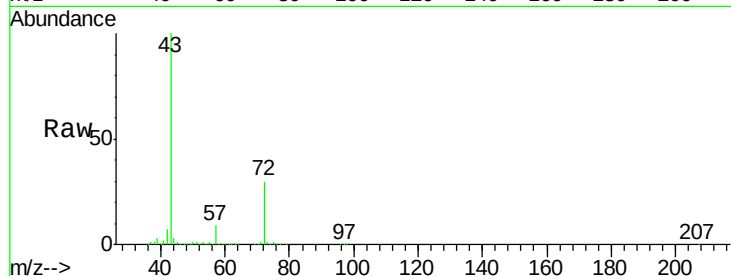
72 29.8 24.6 36.8

Manual Integrations

APPROVED

MMDadoda

11/9/2020 9:36:55 AM



#26

2,2-Dichloropropane

Concen: 50.432 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019355.D

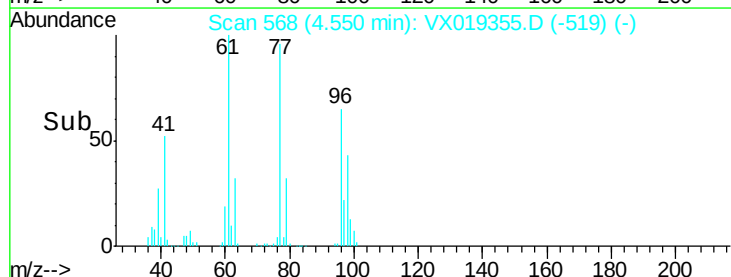
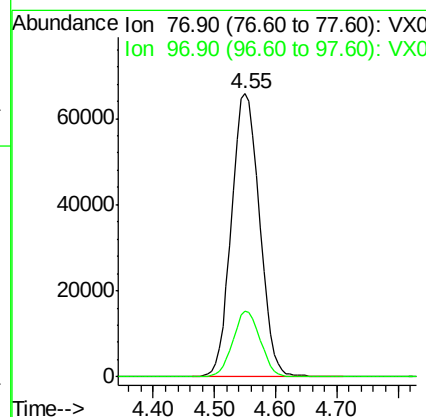
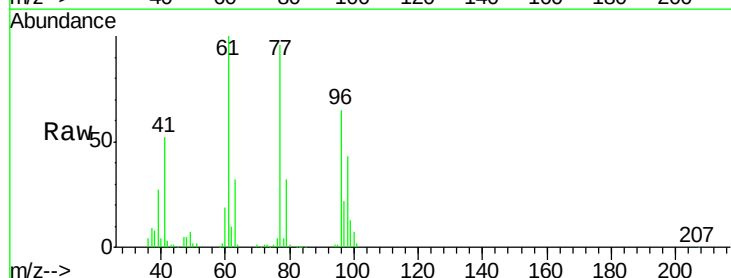
Acq: 06 Nov 2020 20:13

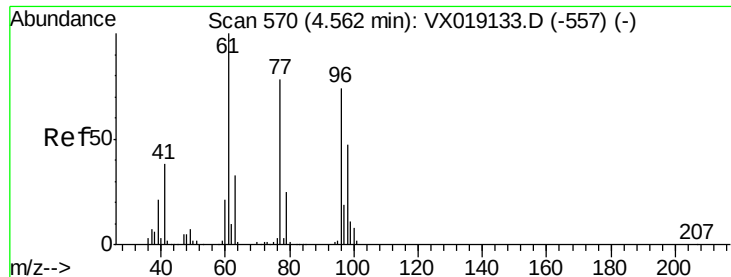
Tgt Ion: 77 Resp: 208005

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.1





#27

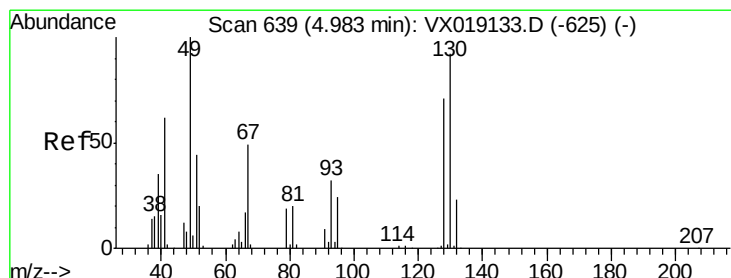
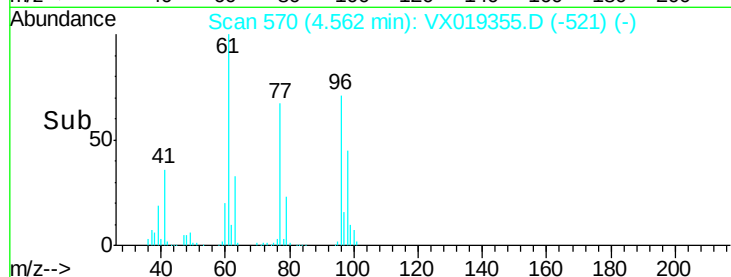
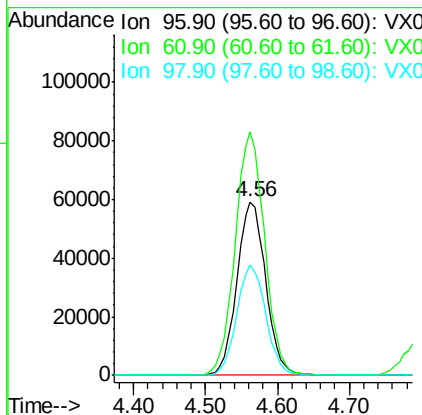
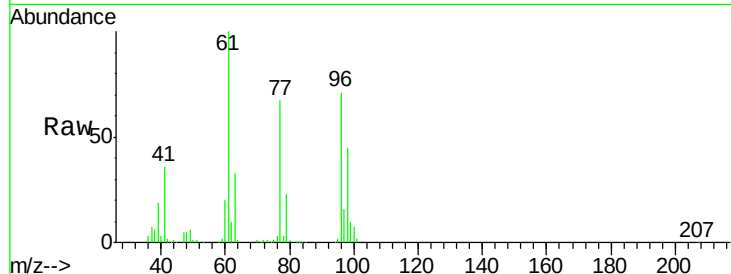
cis-1,2-Dichloroethene  
Concen: 54.814 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 164045 |       |       |
| 61      | 144.3 | 0.0    | 278.8 |       |
| 98      | 64.3  | 0.0    | 130.2 |       |

Manual Integrations  
APPROVED

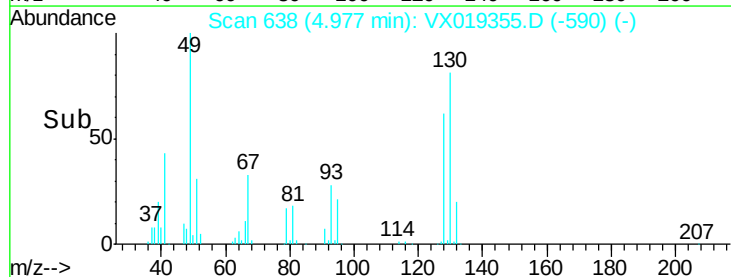
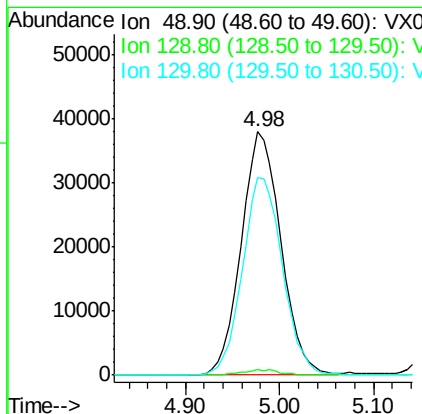
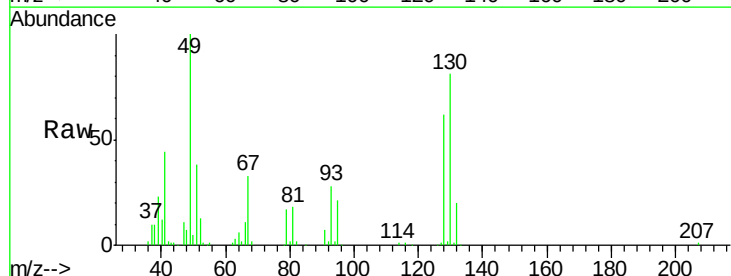
MMDadoda  
11/9/2020 9:36:55 AM

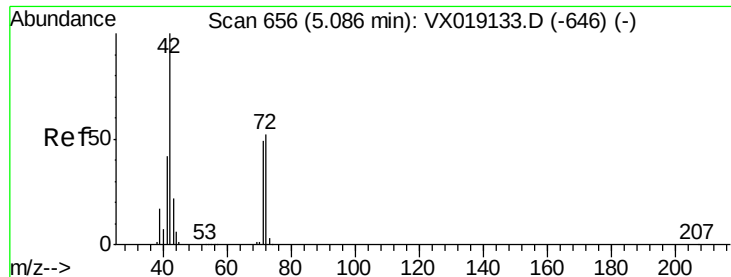


#28

Bromochloromethane  
Concen: 55.900 ug/l  
RT: 4.98 min Scan# 638  
Delta R.T. -0.01 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 111492 |       |       |
| 129     | 2.1   | 0.0    | 4.4   |       |
| 130     | 81.9  | 71.3   | 106.9 |       |





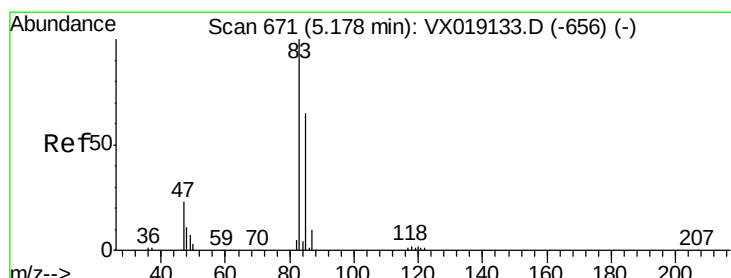
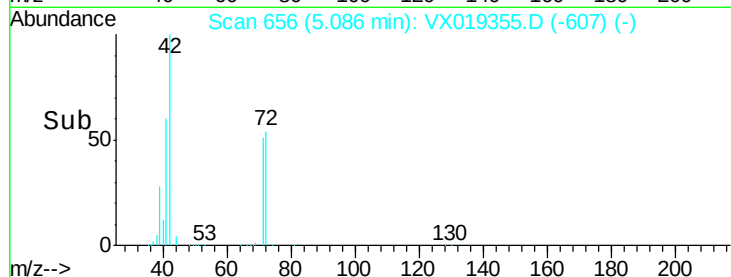
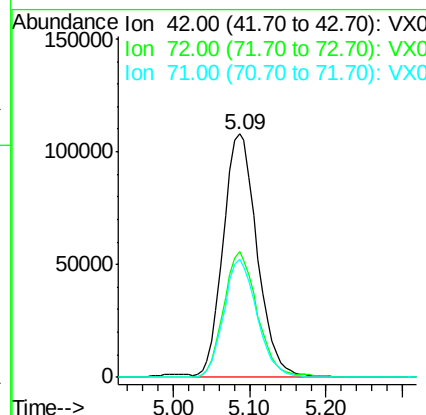
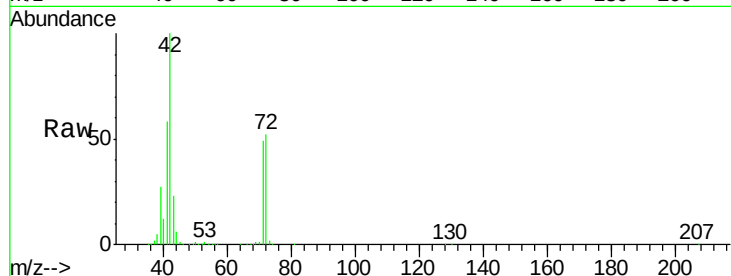
#29  
Tetrahydrofuran  
Concen: 311.017 ug/l  
RT: 5.09 min Scan# 656  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 51.8  | 42.6  | 63.8  |
| 71      | 47.6  | 39.7  | 59.5  |

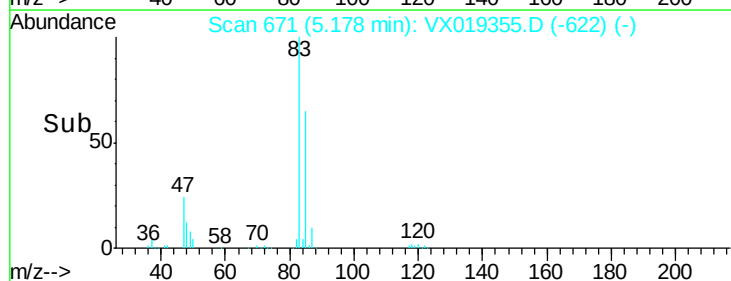
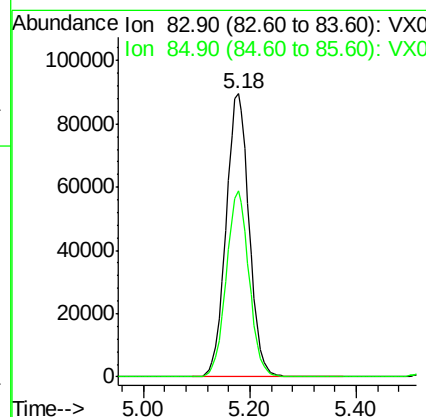
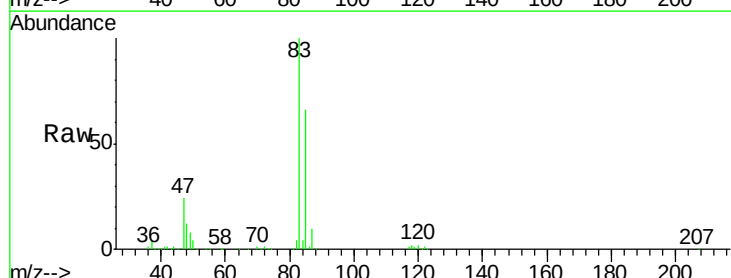
Manual Integrations  
APPROVED

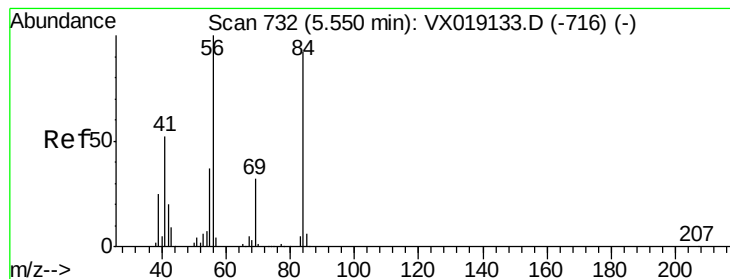
MMDadoda  
11/9/2020 9:36:55 AM



#30  
Chloroform  
Concen: 57.938 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.7  | 51.9  | 77.9  |





#31

Cyclohexane

Concen: 54.977 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

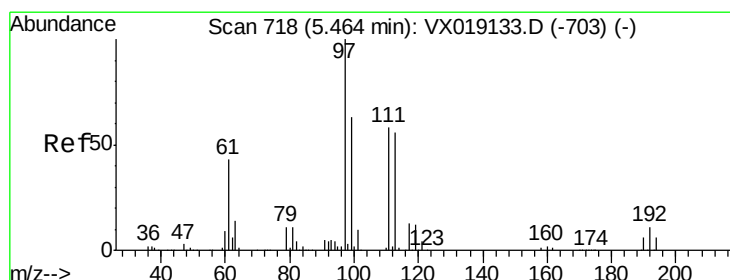
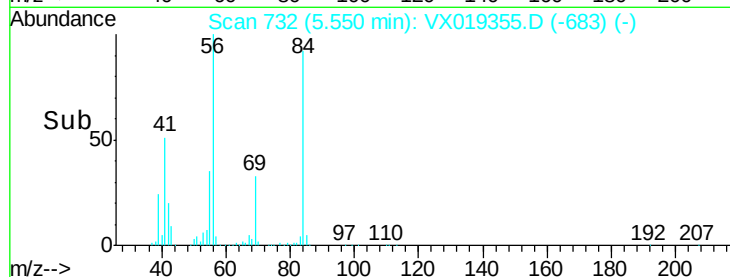
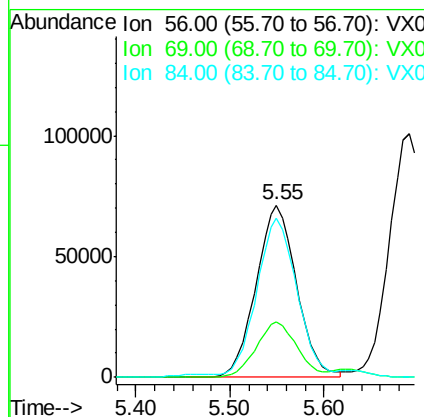
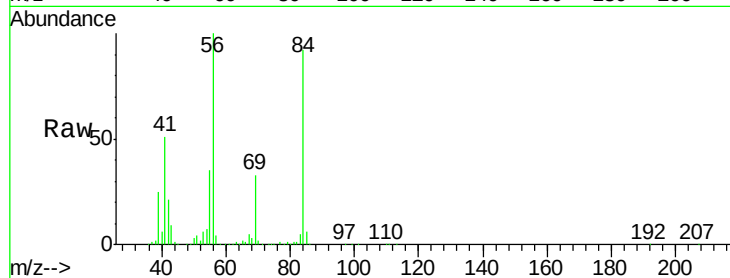
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.5  | 25.9  | 38.9  |
| 84      | 90.3  | 73.4  | 110.2 |

Manual Integrations  
APPROVED

MMDadoda  
11/9/2020 9:36:55 AM



#32

1,1,1-Trichloroethane

Concen: 56.758 ug/l

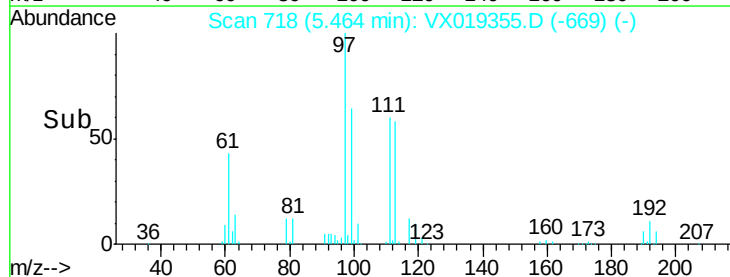
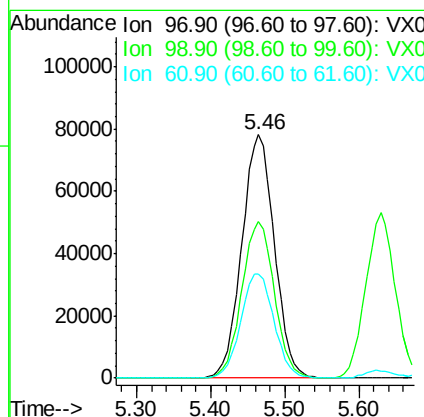
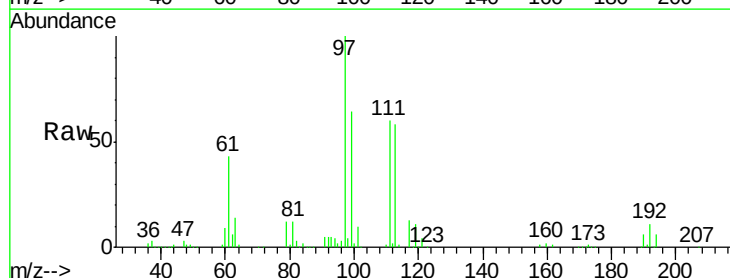
RT: 5.46 min Scan# 718

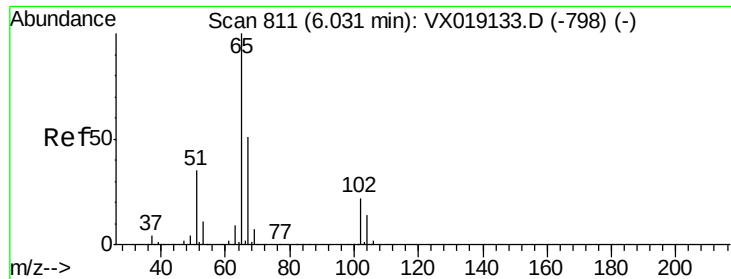
Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.3  | 51.7  | 77.5  |
| 61      | 43.8  | 34.2  | 51.2  |





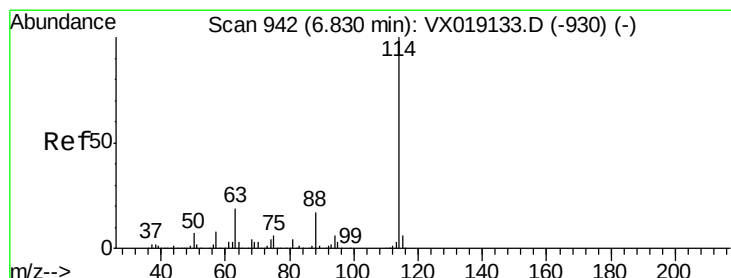
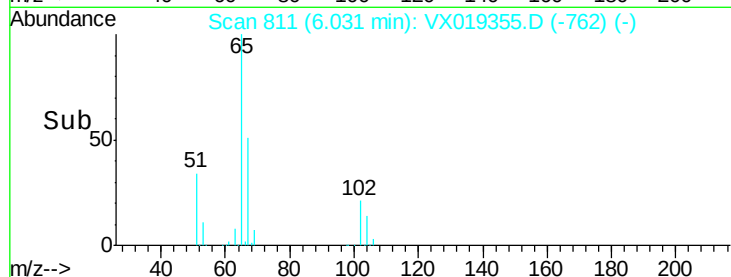
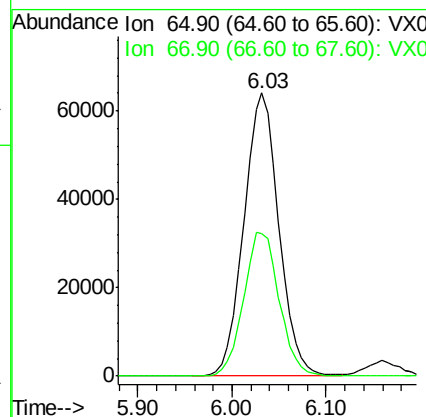
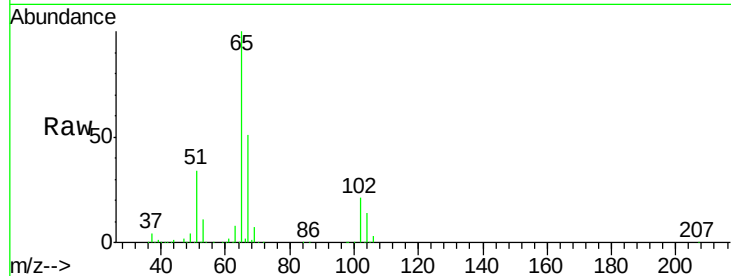
#33  
 1,2-Dichloroethane-d4  
 Concen: 53.783 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: VX019355.D  
 Acq: 06 Nov 2020 20:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 166528 |       |       |
| 67      | 51.7  | 0.0    | 103.0 |       |

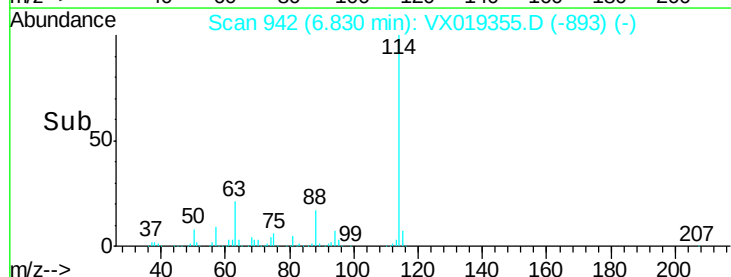
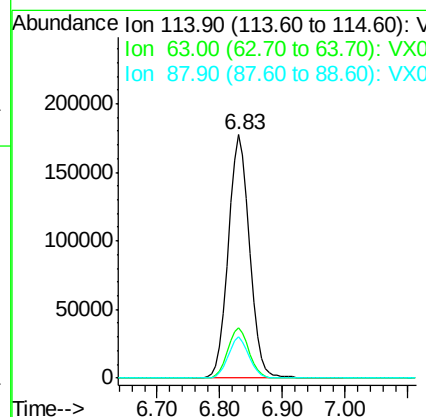
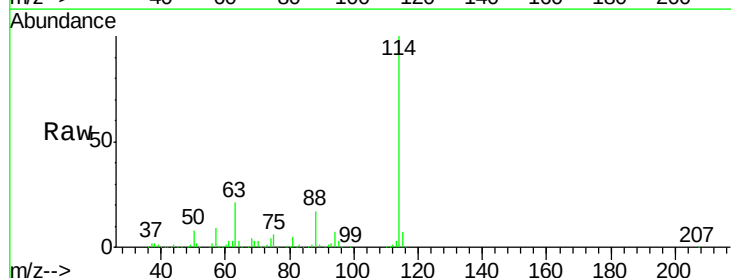
Manual Integrations  
 APPROVED

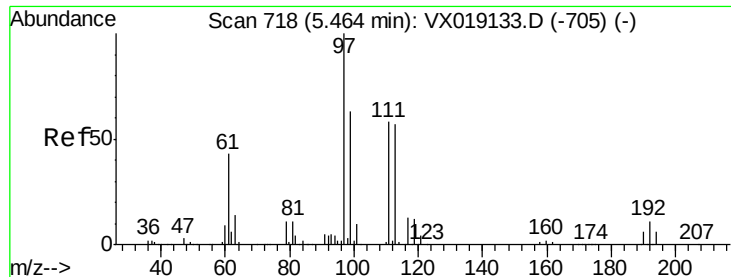
MMDadoda  
 11/9/2020 9:36:55 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. -0.00 min  
 Lab File: VX019355.D  
 Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 416370 |       |       |
| 63      | 20.6  | 0.0    | 38.8  |       |
| 88      | 16.9  | 0.0    | 34.2  |       |





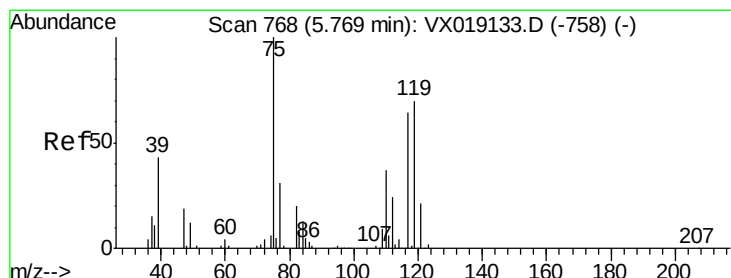
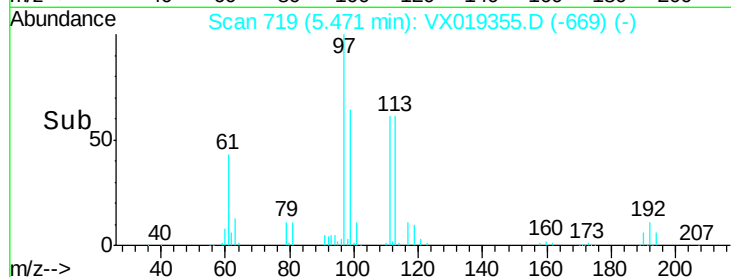
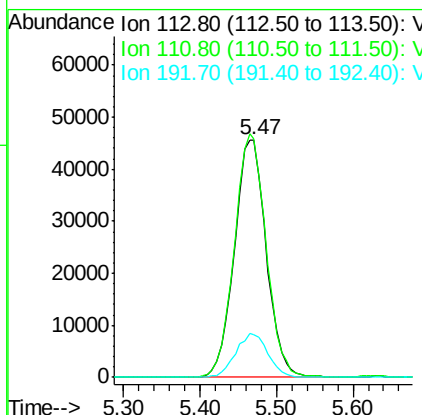
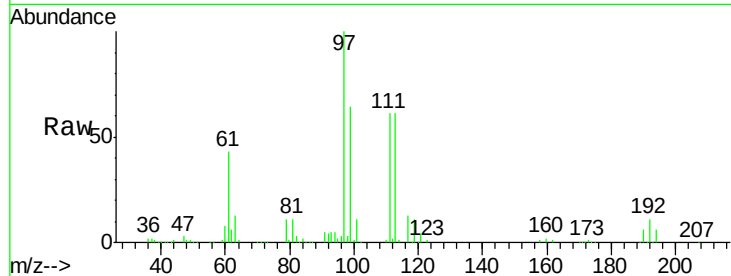
#35  
 Dibromofluoromethane  
 Concen: 50.365 ug/l  
 RT: 5.47 min Scan# 719  
 Delta R.T. 0.01 min  
 Lab File: VX019355.D  
 Acq: 06 Nov 2020 20:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 131722 |       |       |
| 111     | 101.9 | 82.3   | 123.5 |       |
| 192     | 18.6  | 16.2   | 24.2  |       |

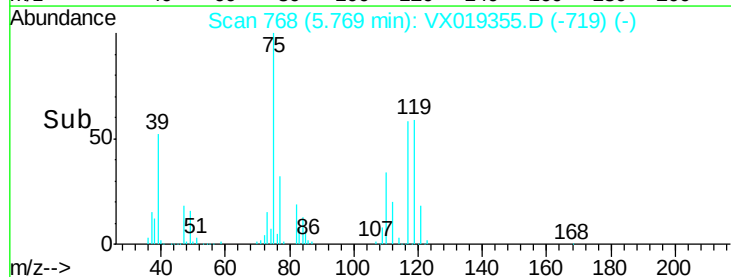
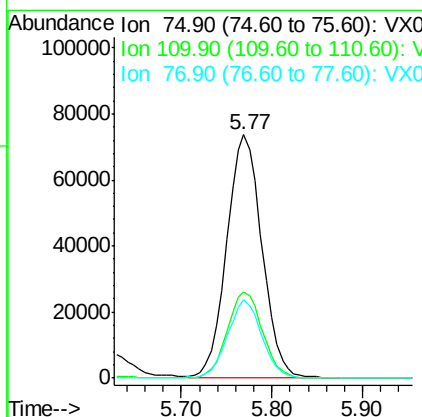
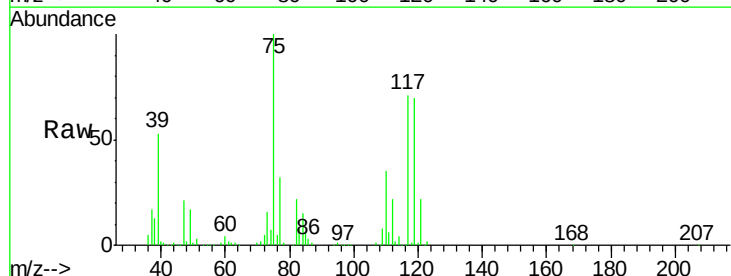
Manual Integrations  
 APPROVED

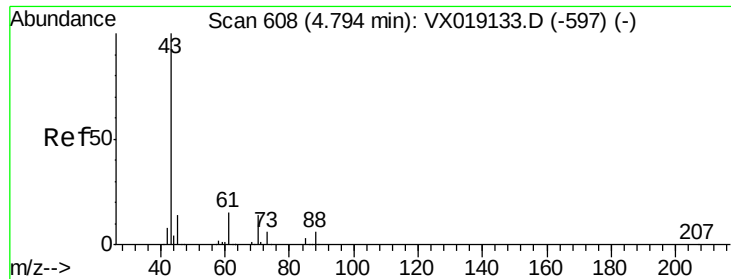
MMDadoda  
 11/9/2020 9:36:55 AM



#36  
 1,1-Dichloropropene  
 Concen: 51.443 ug/l  
 RT: 5.77 min Scan# 768  
 Delta R.T. -0.00 min  
 Lab File: VX019355.D  
 Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 197791 |       |       |
| 110     | 35.6  | 18.3   | 54.9  |       |
| 77      | 31.6  | 24.9   | 37.3  |       |





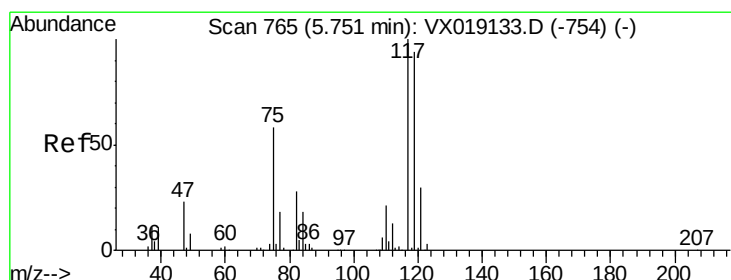
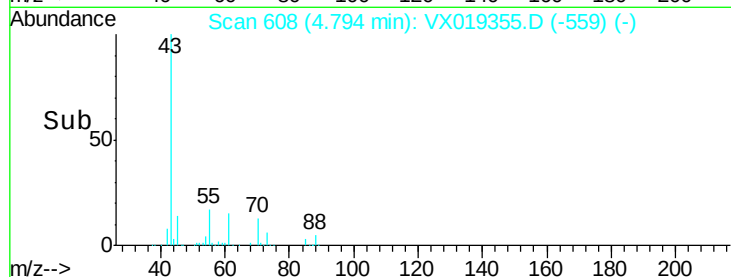
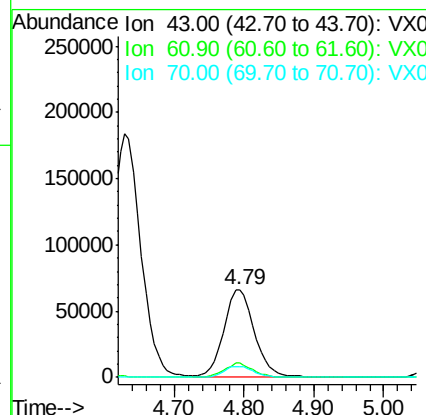
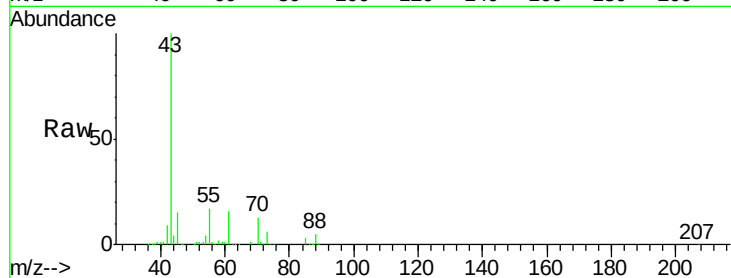
#37  
Ethyl Acetate  
Concen: 55.981 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.7  | 12.5  | 18.7  |
| 70      | 12.5  | 10.5  | 15.7  |

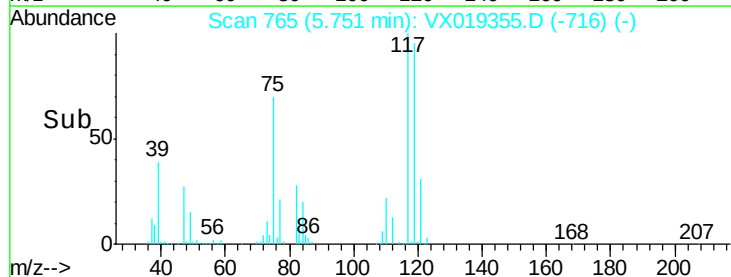
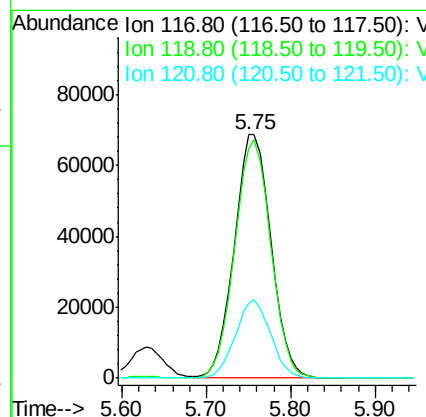
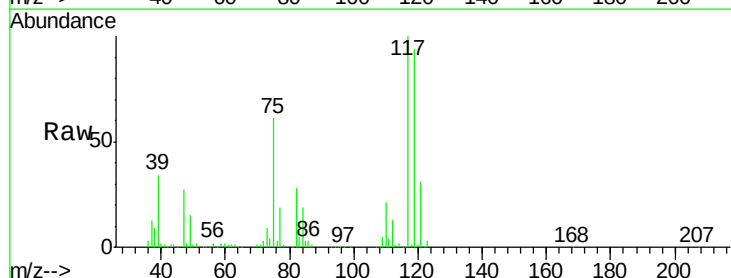
Manual Integrations  
APPROVED

MMDadoda  
11/9/2020 9:36:55 AM

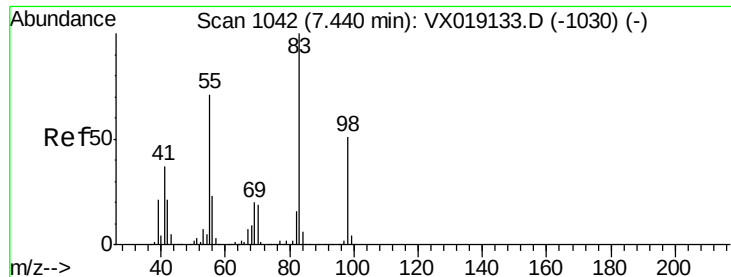


#38  
Carbon Tetrachloride  
Concen: 51.793 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.3  | 75.0  | 112.6 |
| 121     | 30.6  | 23.9  | 35.9  |







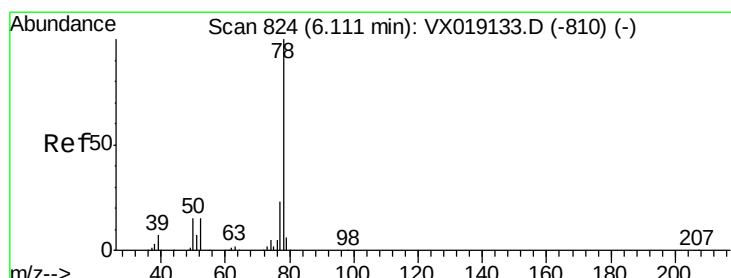
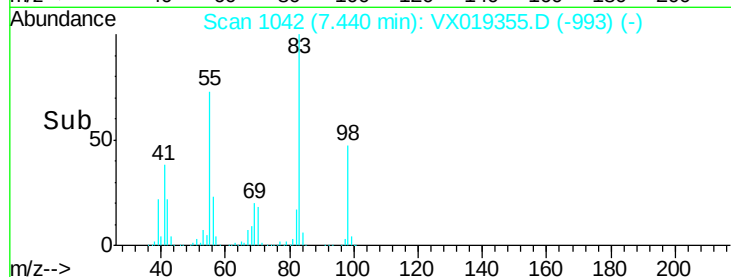
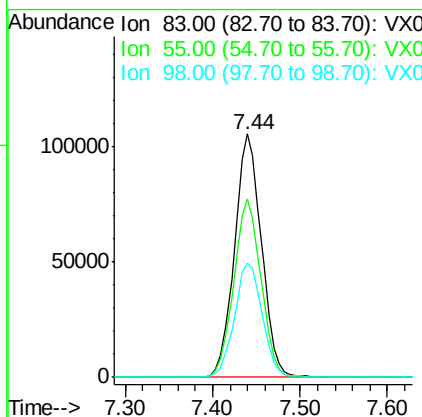
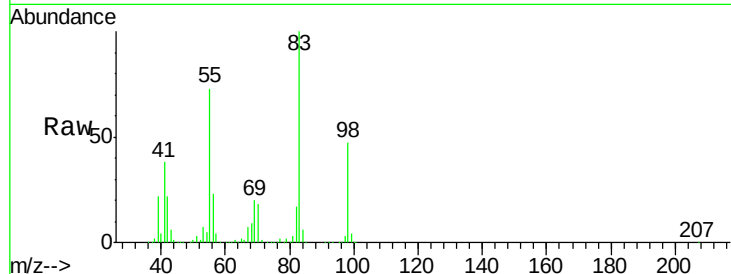
#39  
Methylvlcyclohexane  
Concen: 49.263 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 83    | Resp  | 226477 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 83      | 100   |       |        |
| 55      | 73.1  | 57.0  | 85.6   |
| 98      | 47.2  | 40.5  | 60.7   |

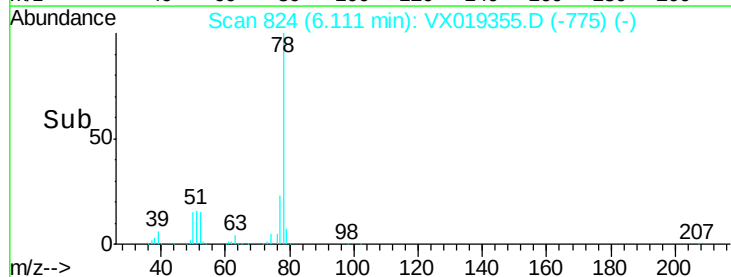
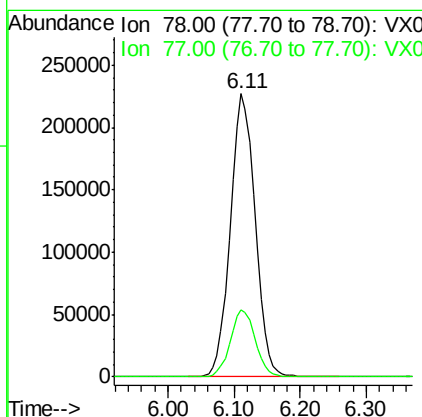
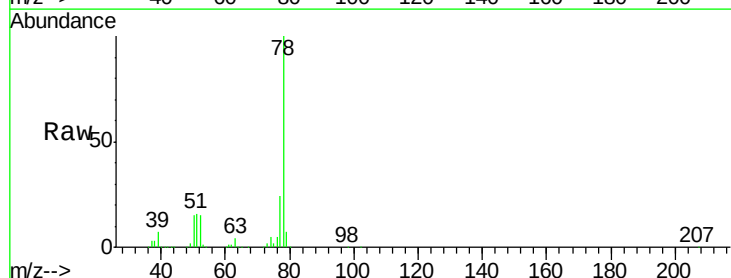
Manual Integrations  
APPROVED

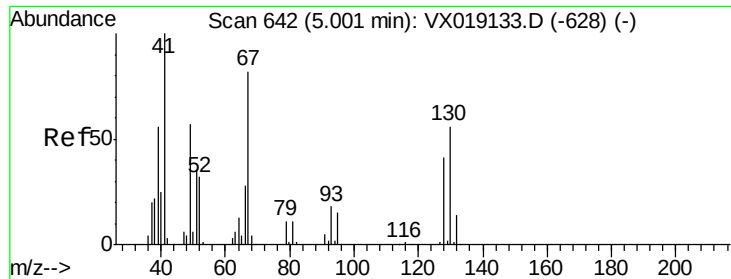
MMDadoda  
11/9/2020 9:36:55 AM



#40  
Benzene  
Concen: 54.226 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tgt Ion | 78    | Resp  | 591139 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 78      | 100   |       |        |
| 77      | 23.7  | 18.7  | 28.1   |





#41

Methacrylonitrile

Concen: 57.737 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

ClientSampleId :

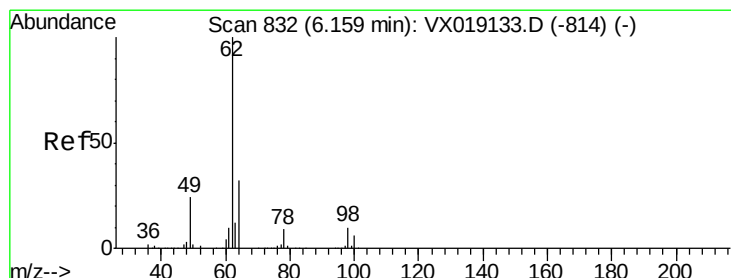
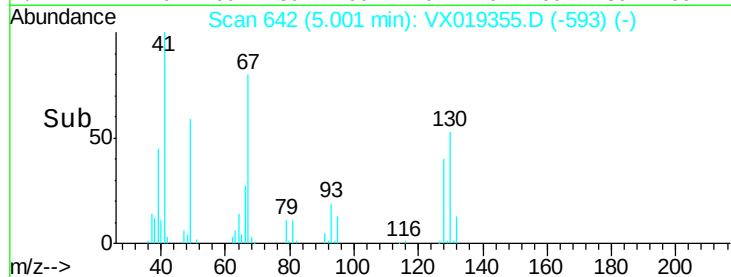
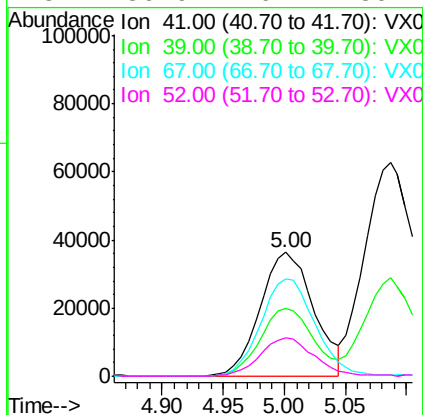
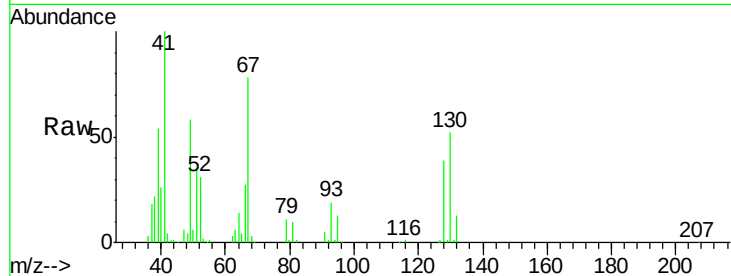
VSTDCCC050EC

Tot Ion: 41 Resp: 110998

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.6  | 44.4  | 66.6  |
| 67  | 79.8  | 66.4  | 99.6  |
| 52  | 30.9  | 26.2  | 39.4  |

Manual Integrations  
APPROVED

MMDadoda  
11/9/2020 9:36:55 AM



#42

1,2-Dichloroethane

Concen: 55.078 ug/l

RT: 6.16 min Scan# 832

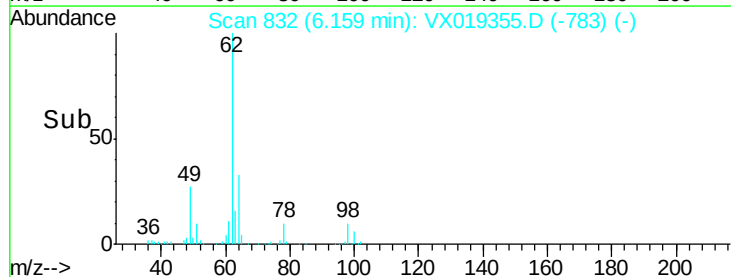
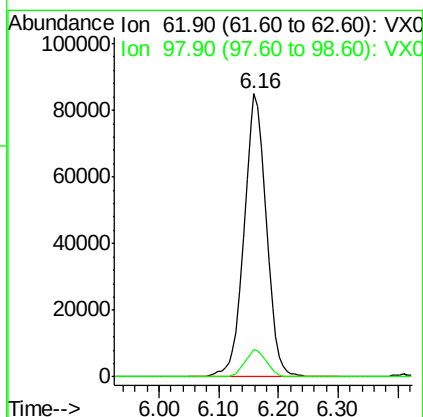
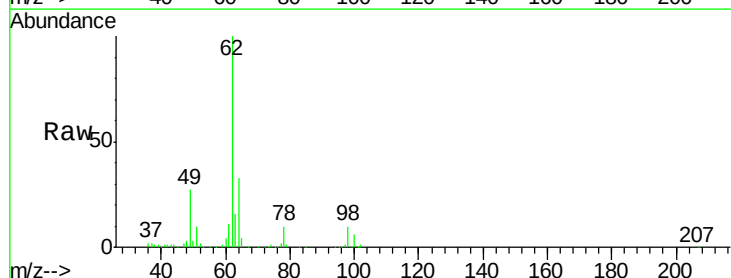
Delta R.T. -0.00 min

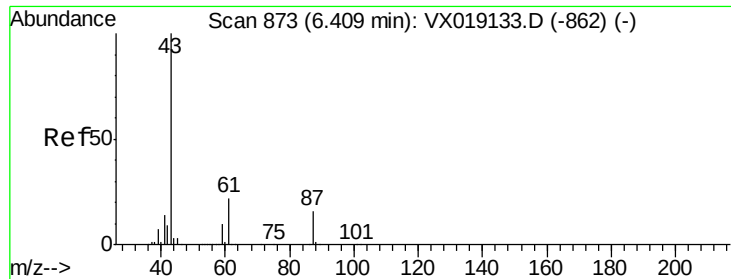
Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Tgt Ion: 62 Resp: 221287

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.3   | 0.0   | 19.0  |





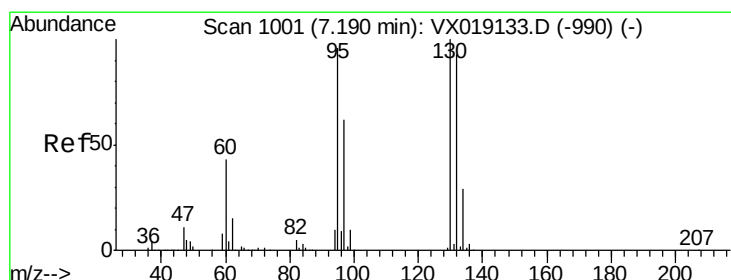
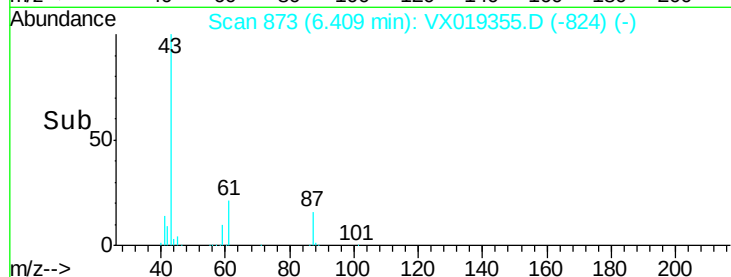
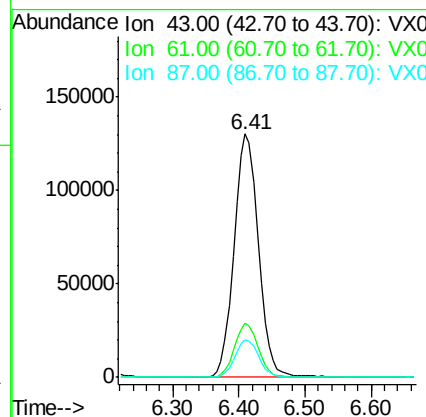
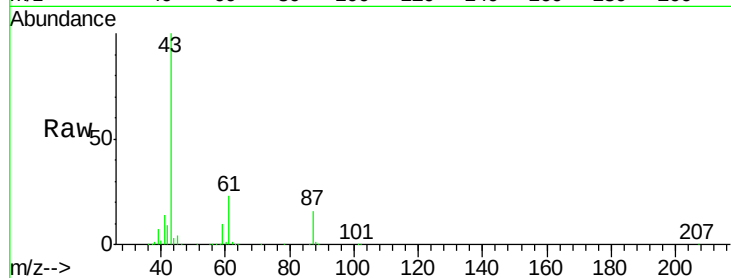
#43  
Isopropyl Acetate  
Concen: 55.271 ug/l  
RT: 6.41 min Scan# 873  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 21.8  | 17.8  | 26.6  |
| 87      | 15.2  | 12.6  | 19.0  |

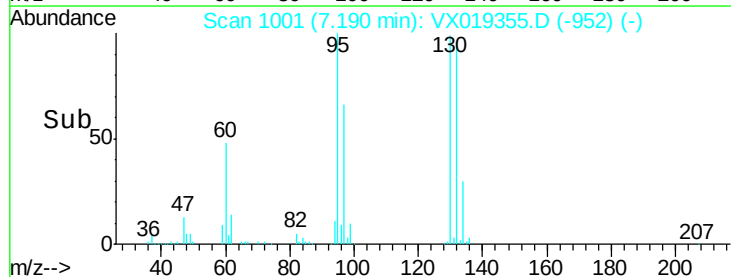
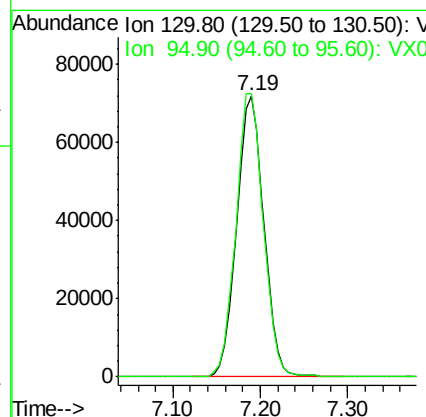
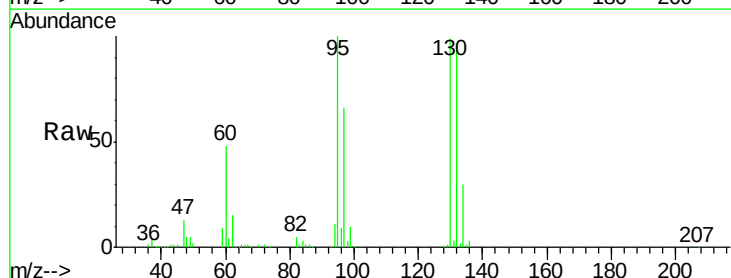
Manual Integrations  
APPROVED

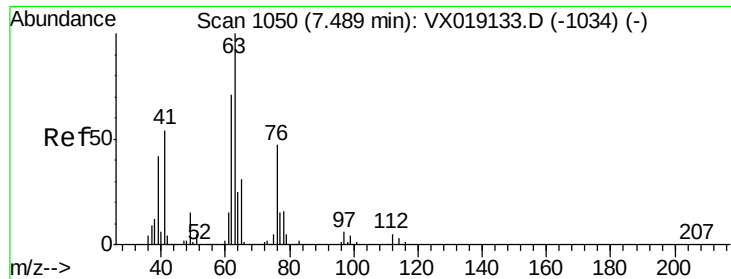
MMDadoda  
11/9/2020 9:36:55 AM



#44  
Trichloroethene  
Concen: 49.725 ug/l  
RT: 7.19 min Scan# 1001  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 100.8 | 0.0   | 192.0 |





#45

1,2-Dichloropropane

Concen: 56.342 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 150440

Ion Ratio Lower Upper

63 100

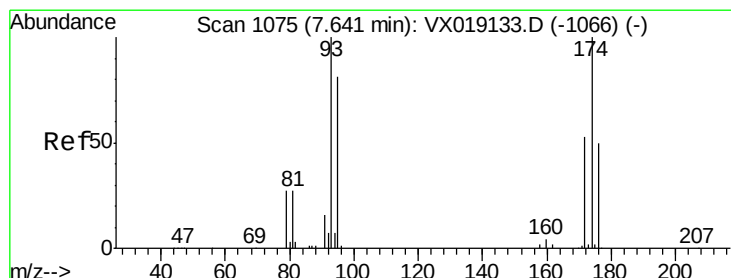
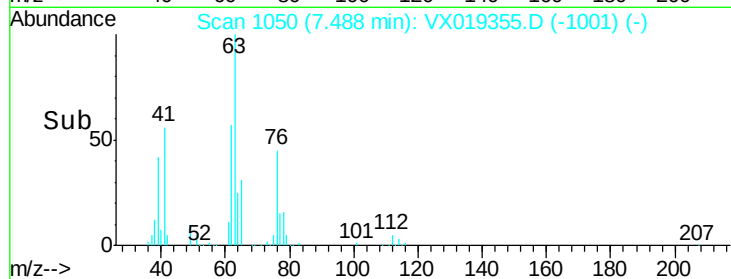
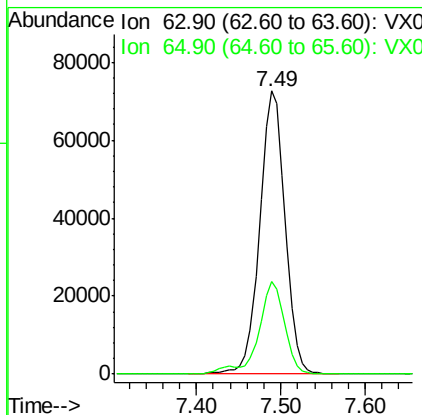
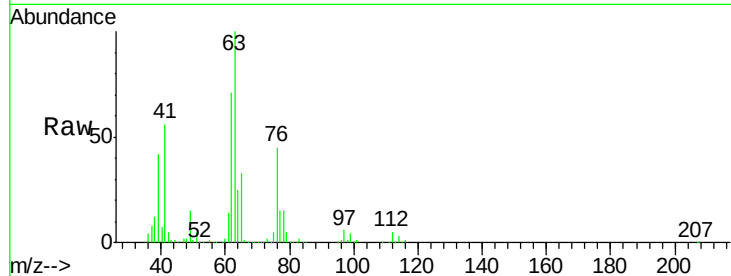
65 32.5 25.2 37.8

Manual Integrations

APPROVED

MMDadoda

11/9/2020 9:36:55 AM



#46

Dibromomethane

Concen: 52.489 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

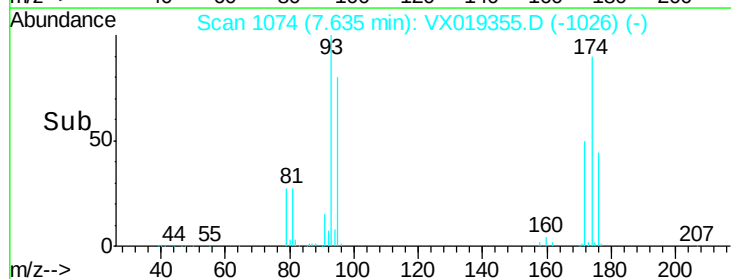
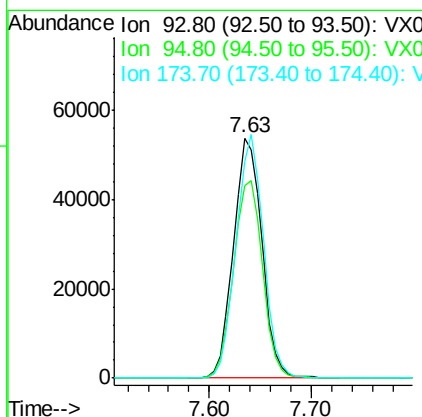
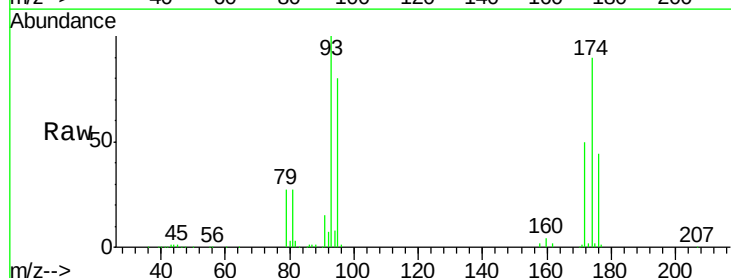
Tgt Ion: 93 Resp: 103639

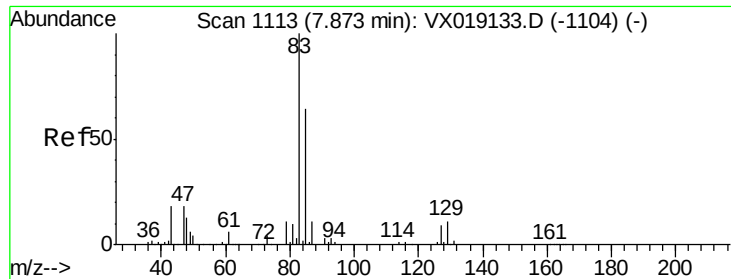
Ion Ratio Lower Upper

93 100

95 84.0 67.0 100.6

174 98.0 81.7 122.5





#47

Bromodichloromethane

Concen: 55.642 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

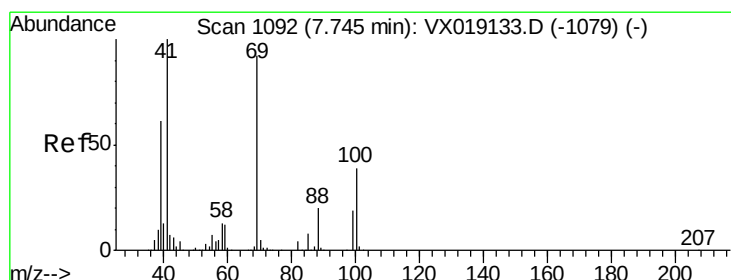
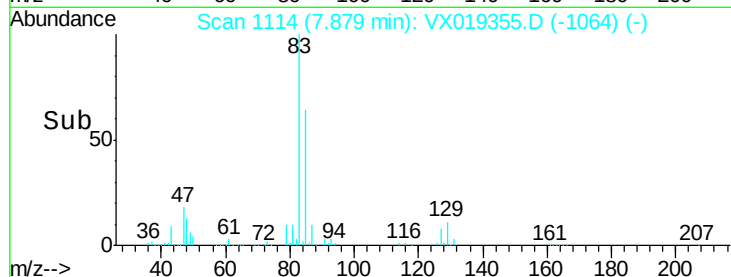
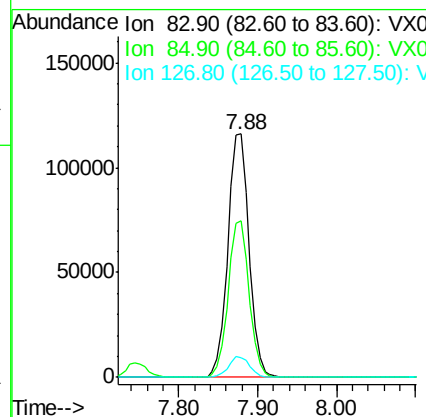
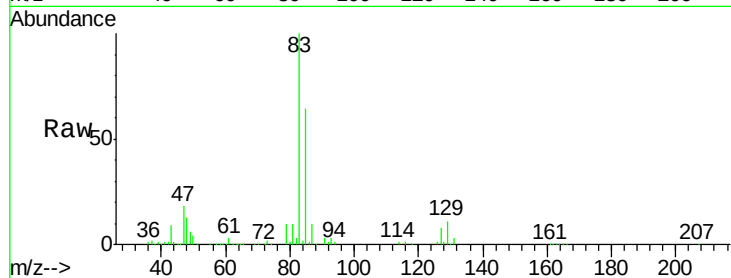
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 216549 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.3  | 51.2  | 76.8   |
| 127       | 8.0   | 7.1   | 10.7   |

Manual Integrations  
APPROVED

MMDadoda  
11/9/2020 9:36:55 AM



#48

Methyl methacrylate

Concen: 57.687 ug/l

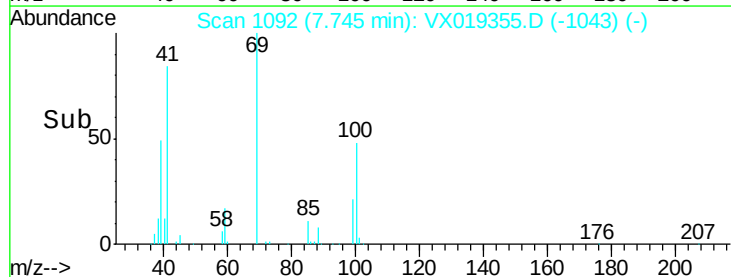
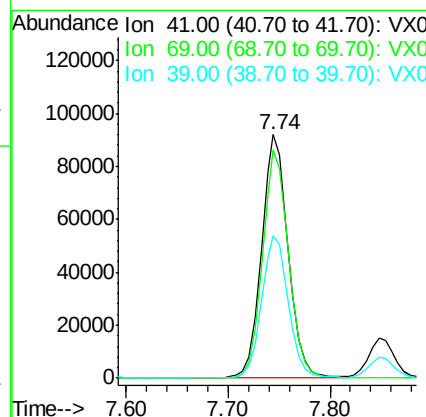
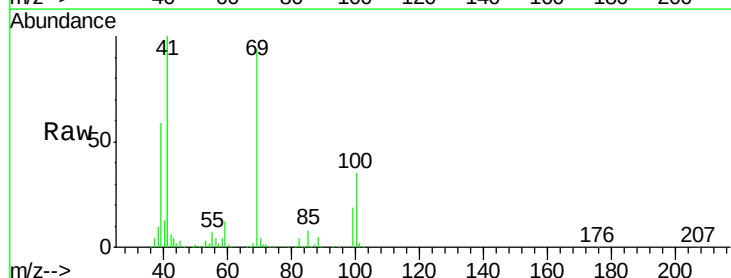
RT: 7.74 min Scan# 1092

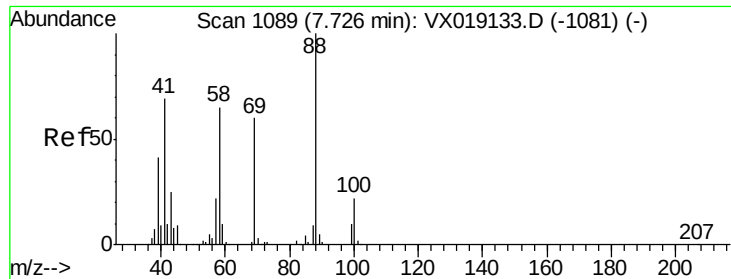
Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 165967 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 93.2  | 75.5  | 113.3  |
| 39        | 59.4  | 48.9  | 73.3   |





#49

1,4-Dioxane

Concen: 1167.869 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

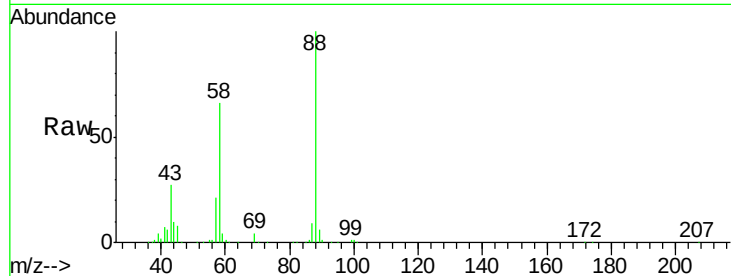
ClientSampleId :

VSTDCCC050EC

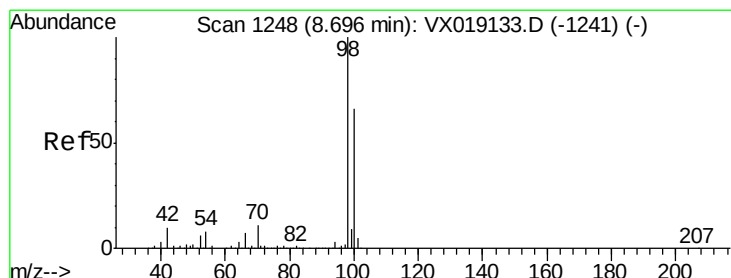
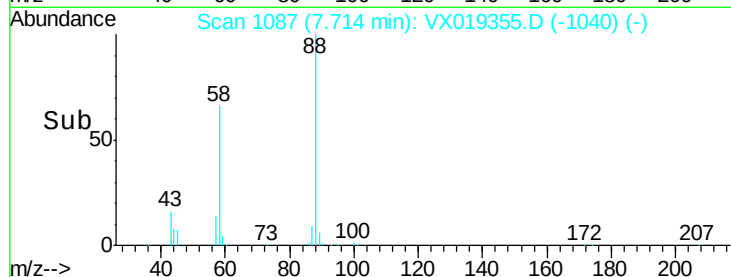
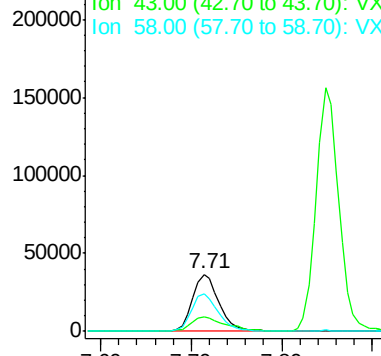
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 74722 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 30.2  | 23.0  | 34.6  |
| 58       | 67.3  | 52.2  | 78.2  |

Manual Integrations  
APPROVED

MMDadoda  
11/9/2020 9:36:55 AM



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



#50

Toluene-d8

Concen: 50.163 ug/l

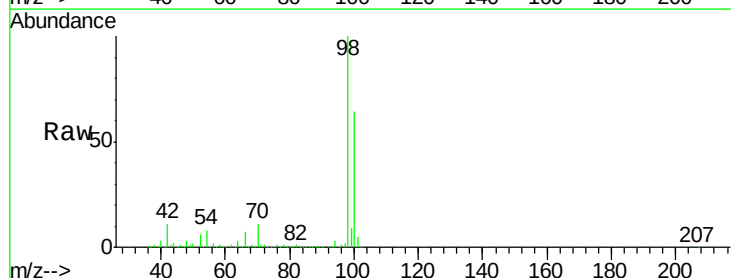
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

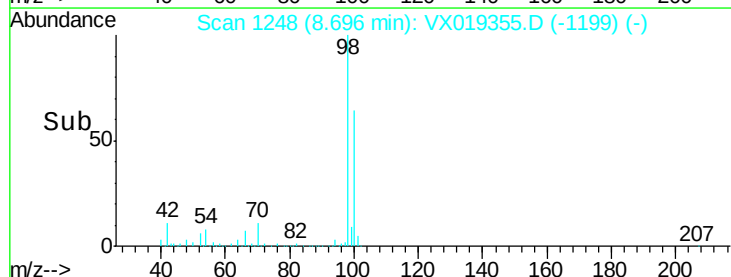
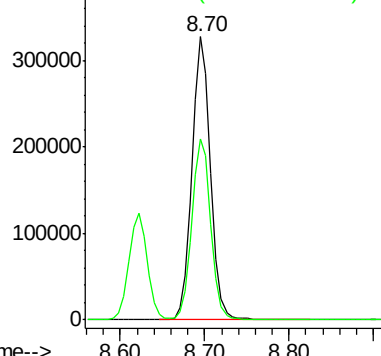
Lab File: VX019355.D

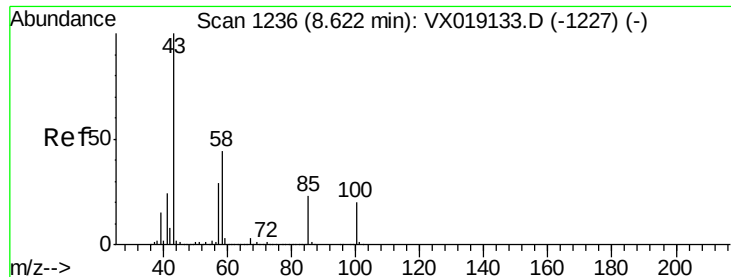
Acq: 06 Nov 2020 20:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 494561 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 65.9  | 53.0  | 79.6   |



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





#51

4-Methyl-2-Pentanone

Concen: 299.894 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1030300

Ion Ratio Lower Upper

43 100

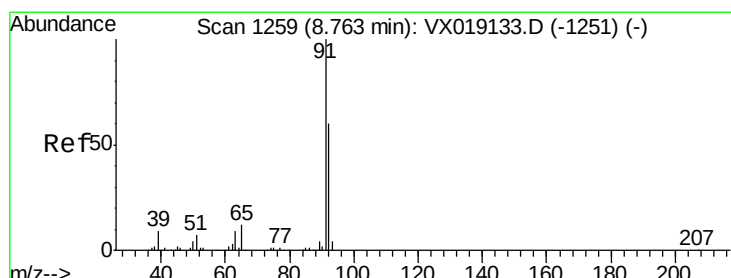
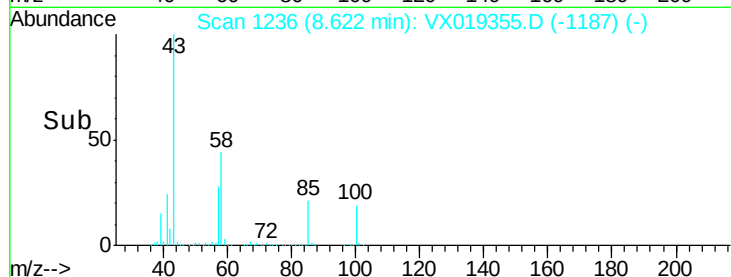
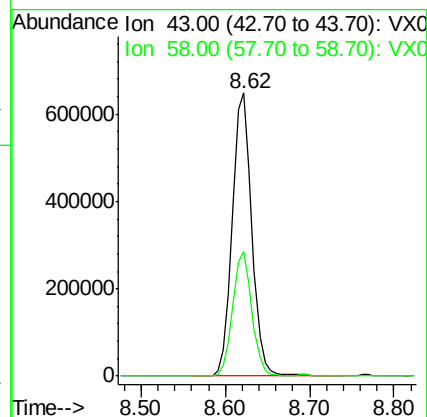
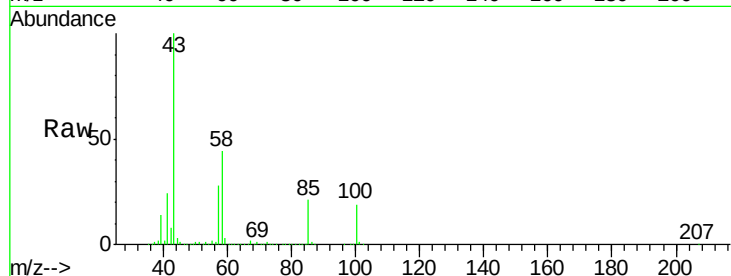
58 43.2 35.0 52.4

Manual Integrations

APPROVED

MMDadoda

11/9/2020 9:36:55 AM



#52

Toluene

Concen: 54.128 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019355.D

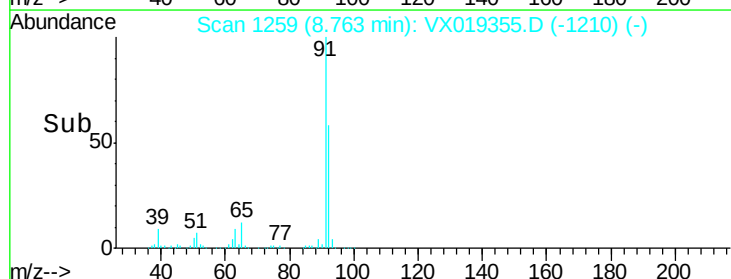
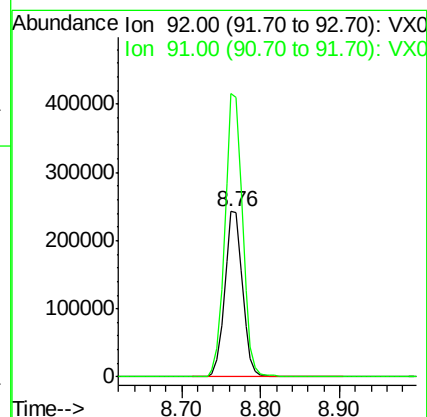
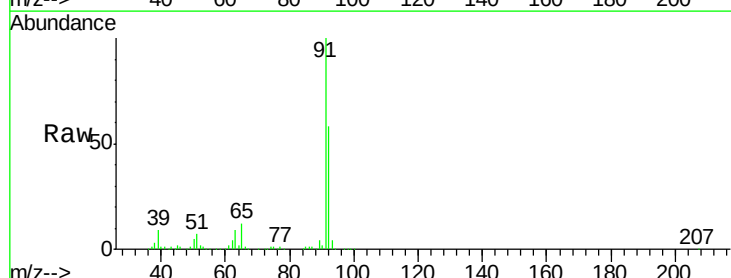
Acq: 06 Nov 2020 20:13

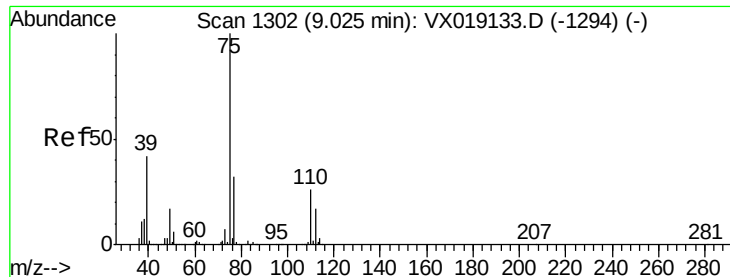
Tgt Ion: 92 Resp: 380040

Ion Ratio Lower Upper

92 100

91 170.8 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 53.590 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 238216

Ion Ratio Lower Upper

75 100

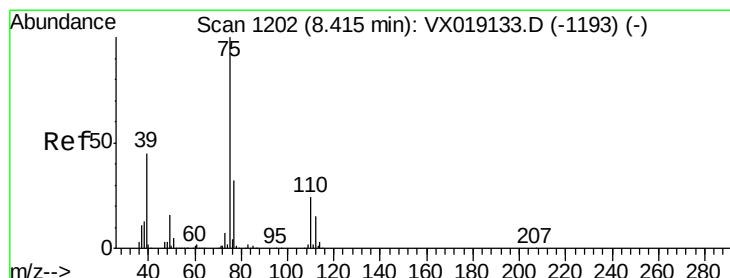
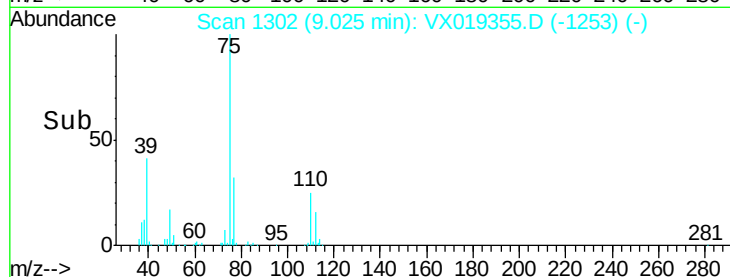
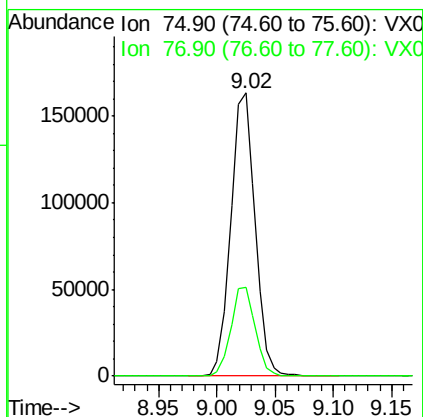
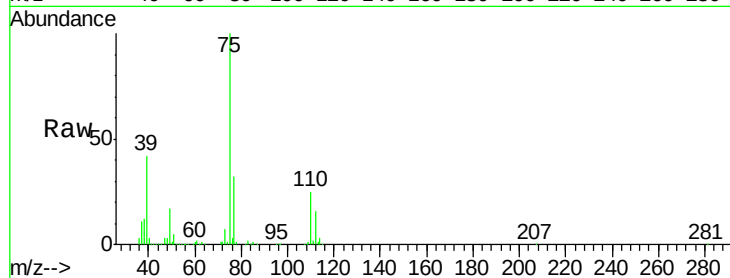
77 31.6 25.4 38.0

Manual Integrations

APPROVED

MMDadoda

11/9/2020 9:36:55 AM



#54

cis-1,3-Dichloropropene

Concen: 53.910 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

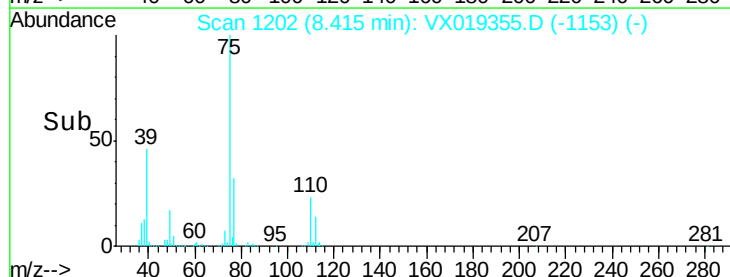
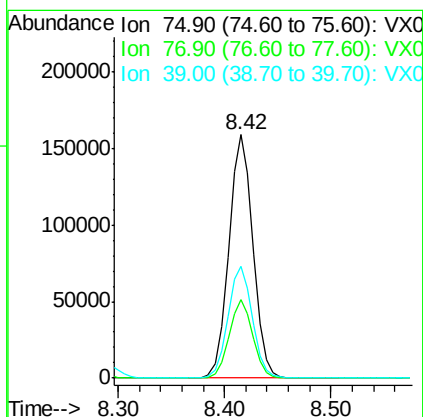
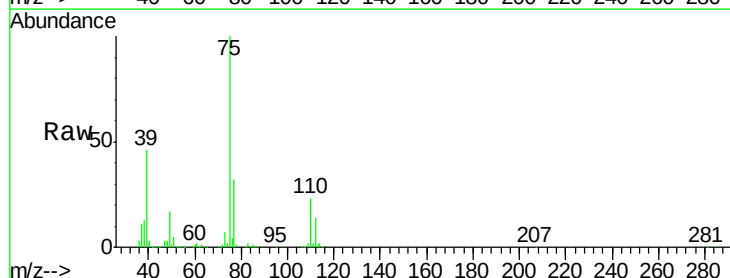
Tgt Ion: 75 Resp: 251991

Ion Ratio Lower Upper

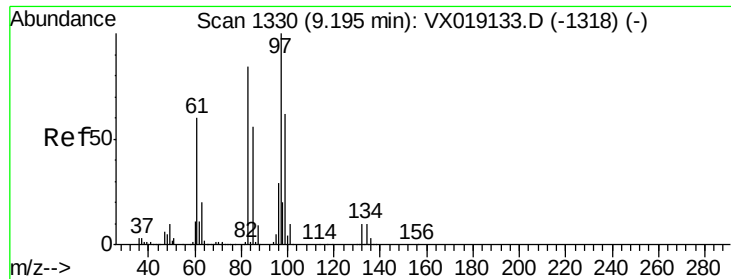
75 100

77 32.4 25.5 38.3

39 45.8 36.2 54.2







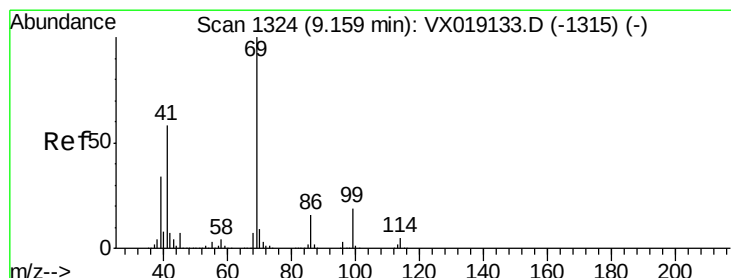
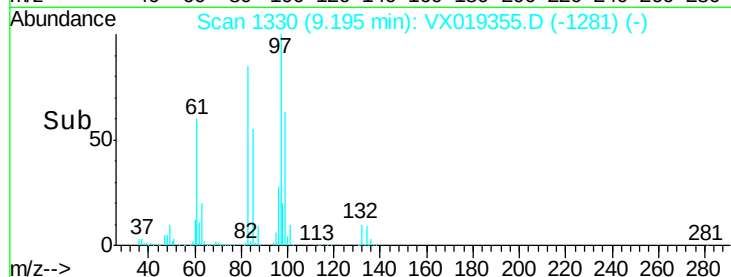
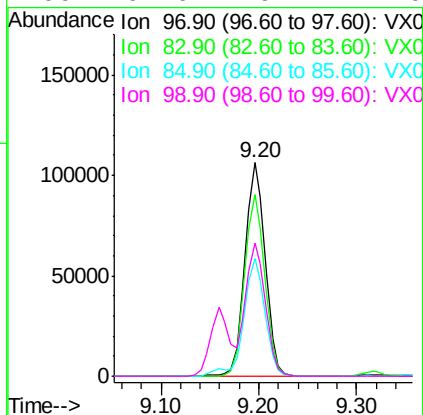
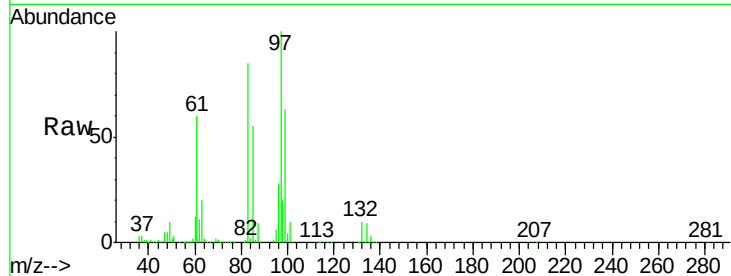
#55  
 1,1,2-Trichloroethane  
 Concen: 55.187 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX019355.D  
 Acq: 06 Nov 2020 20:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 153098 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.3  | 67.2  | 100.8  |
| 85       | 55.3  | 44.6  | 67.0   |
| 99       | 62.6  | 49.4  | 74.0   |

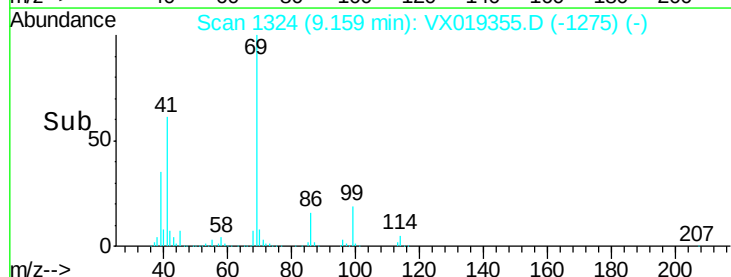
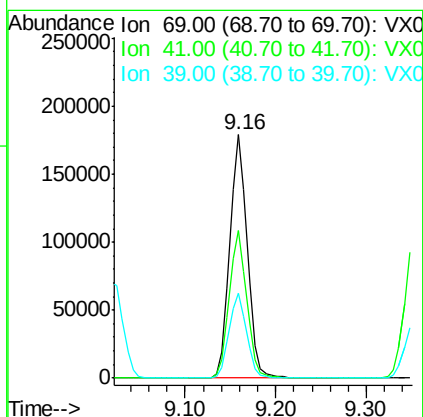
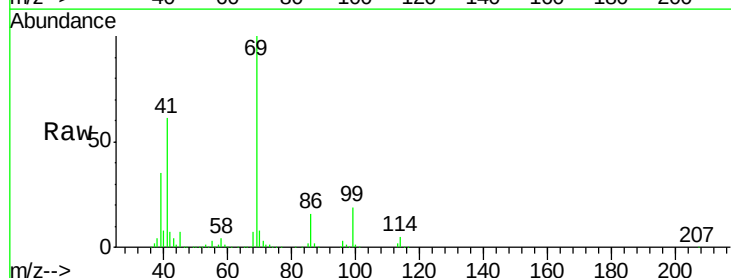
Manual Integrations  
 APPROVED

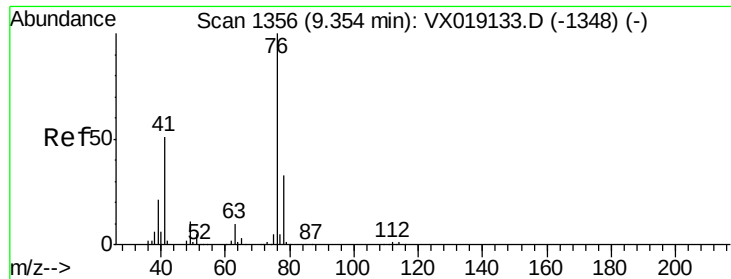
MMDadoda  
 11/9/2020 9:36:55 AM



#56  
 Ethyl methacrylate  
 Concen: 57.349 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX019355.D  
 Acq: 06 Nov 2020 20:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 240306 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 60.6  | 46.5  | 69.7   |
| 39       | 34.8  | 27.6  | 41.4   |





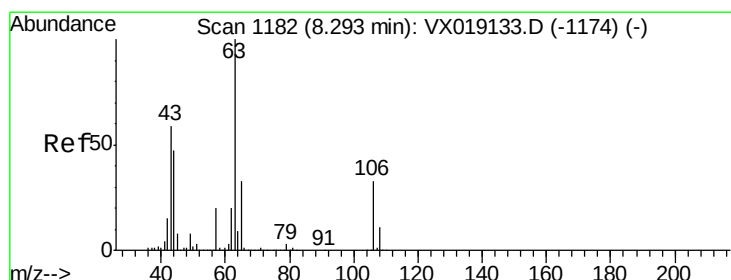
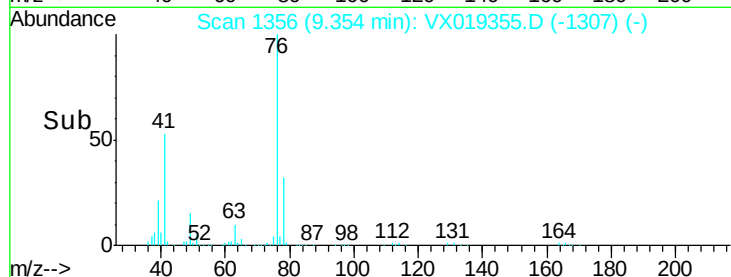
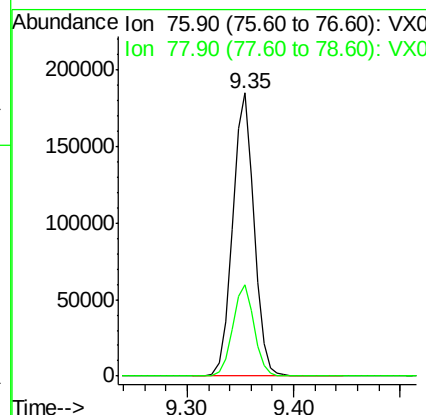
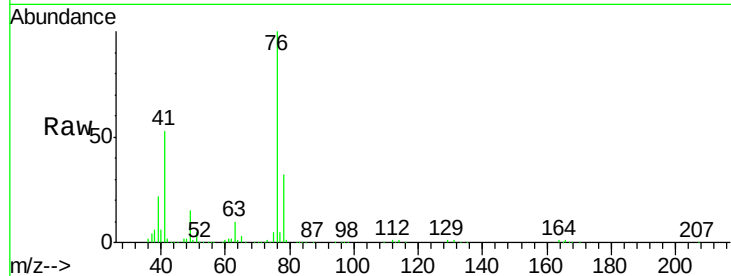
#57  
 1,3-Dichloropropane  
 Concen: 55.628 ug/l  
 RT: 9.35 min Scan# 1356  
 Delta R.T. -0.00 min  
 Lab File: VX019355.D  
 Acq: 06 Nov 2020 20:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.4  | 25.9  | 38.9  |

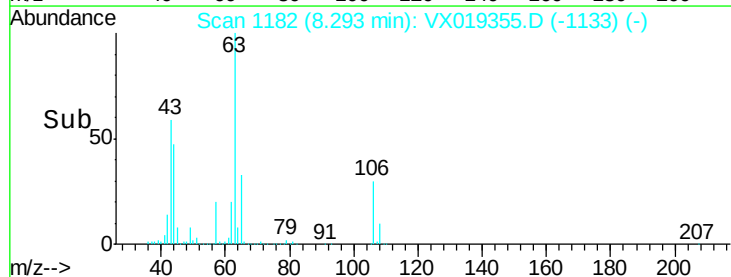
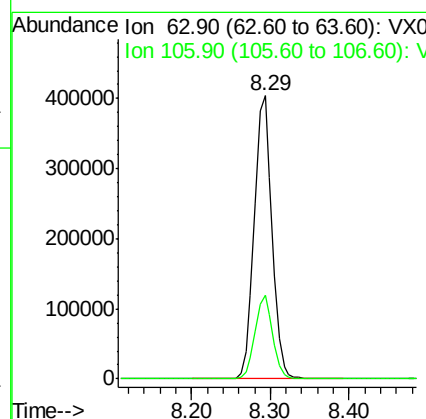
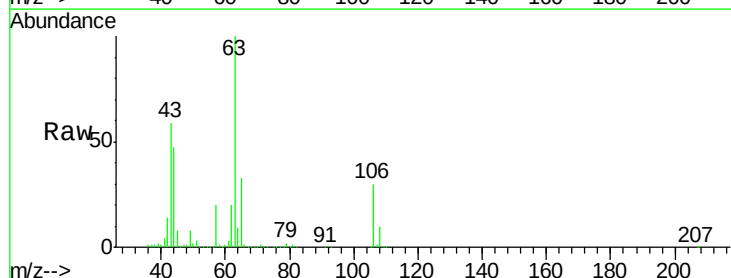
Manual Integrations  
 APPROVED

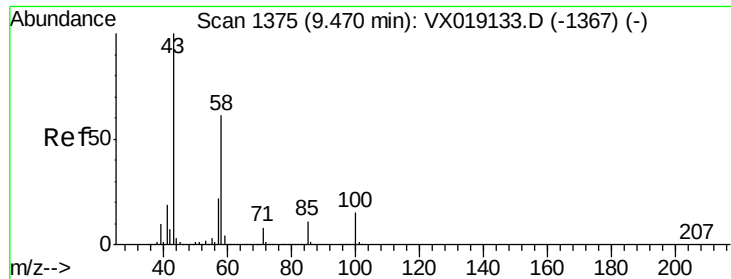
MMDadoda  
 11/9/2020 9:36:55 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 270.123 ug/l  
 RT: 8.29 min Scan# 1182  
 Delta R.T. -0.00 min  
 Lab File: VX019355.D  
 Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 29.3  | 25.1  | 37.7  |





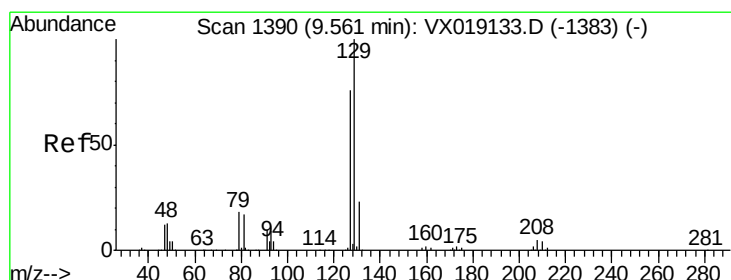
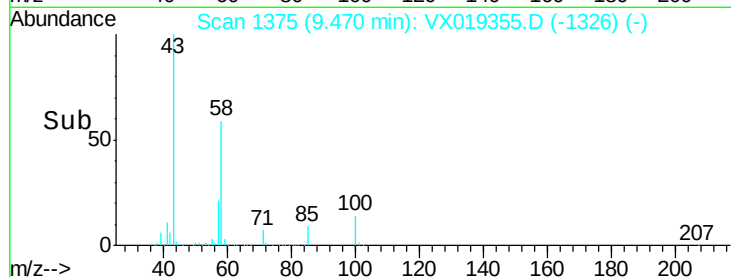
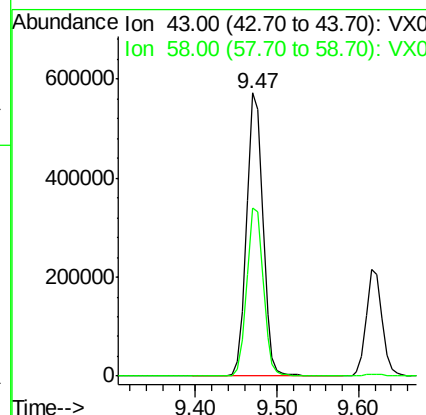
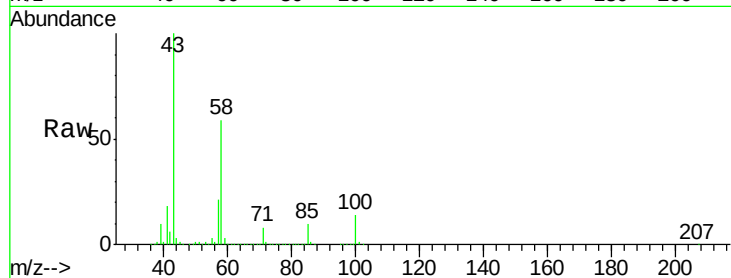
#59  
2-Hexanone  
Concen: 300.933 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 59.9  | 30.5  | 91.5  |

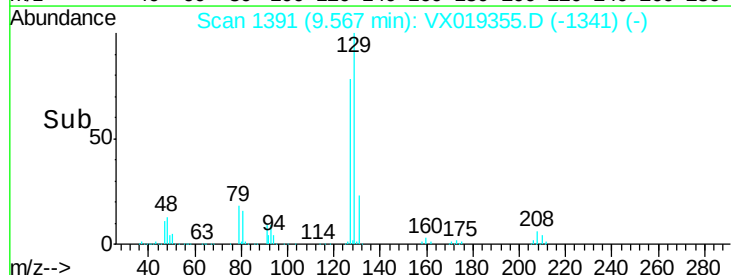
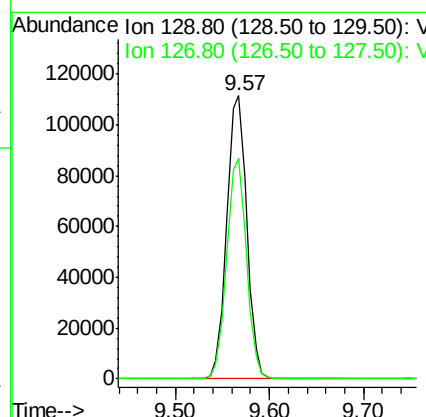
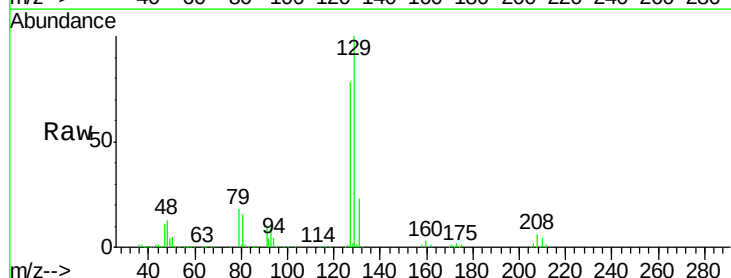
Manual Integrations  
APPROVED

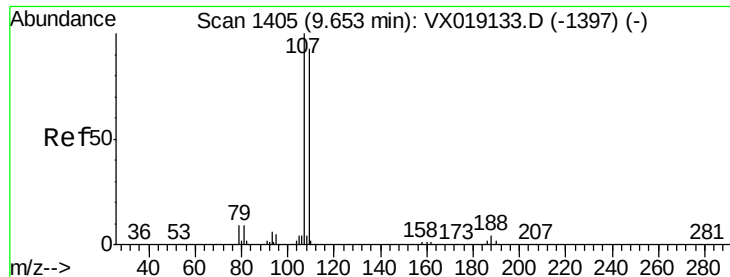
MMDadoda  
11/9/2020 9:36:55 AM



#60  
Dibromochloromethane  
Concen: 54.716 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. 0.01 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 77.0  | 38.6  | 115.8 |





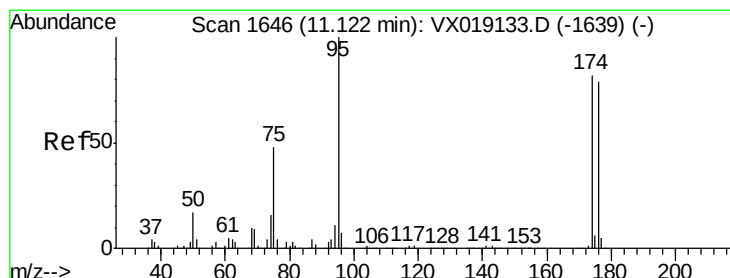
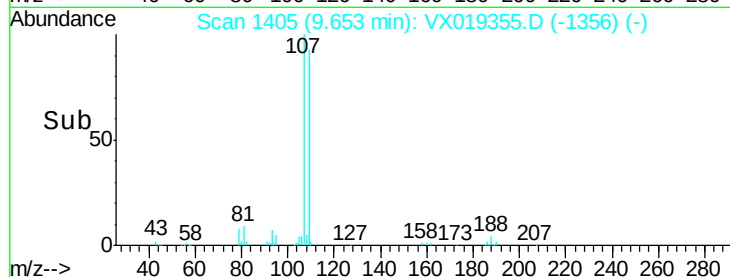
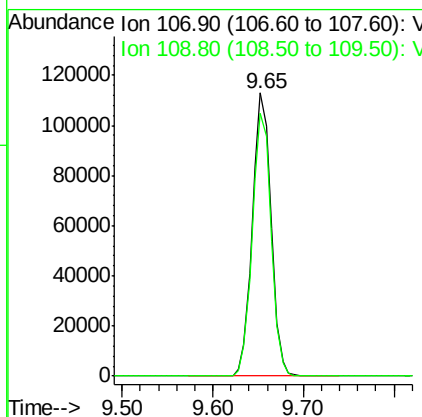
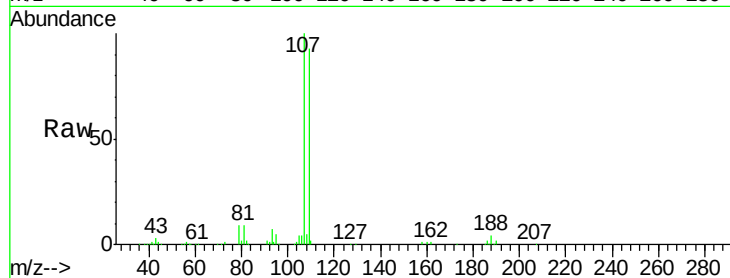
#61  
 1,2-Dibromoethane  
 Concen: 54.625 ug/l  
 RT: 9.65 min Scan# 1405  
 Delta R.T. -0.00 min  
 Lab File: VX019355.D  
 Acq: 06 Nov 2020 20:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.1  | 75.9  | 113.9 |

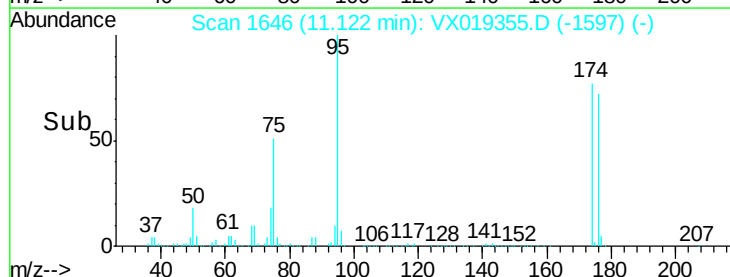
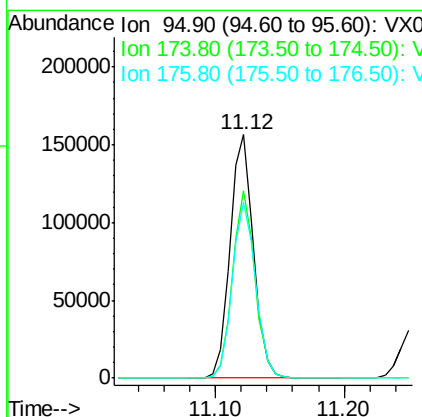
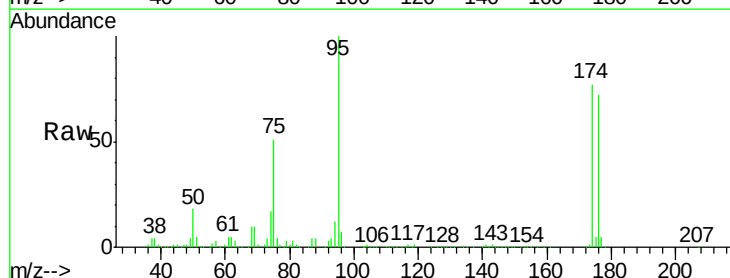
Manual Integrations  
 APPROVED

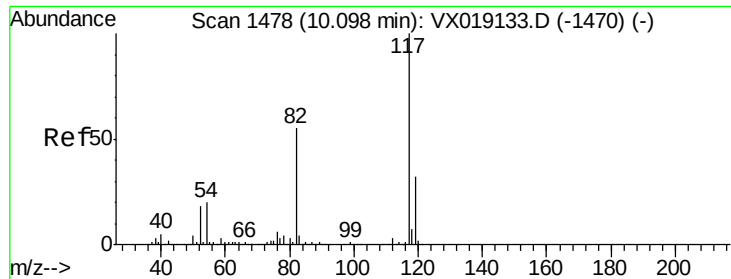
MMDadoda  
 11/9/2020 9:36:55 AM



#62  
 4-Bromofluorobenzene  
 Concen: 53.093 ug/l  
 RT: 11.12 min Scan# 1646  
 Delta R.T. -0.00 min  
 Lab File: VX019355.D  
 Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 74.4  | 0.0   | 156.0 |
| 176     | 72.2  | 0.0   | 149.8 |





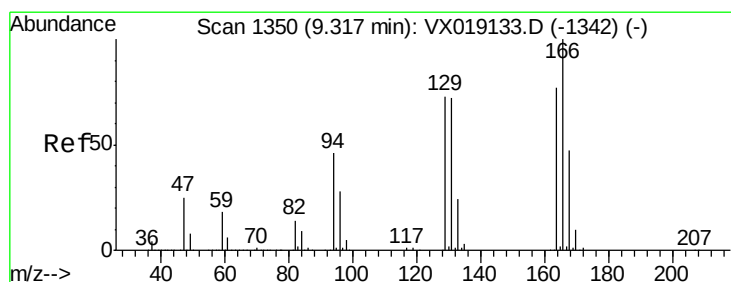
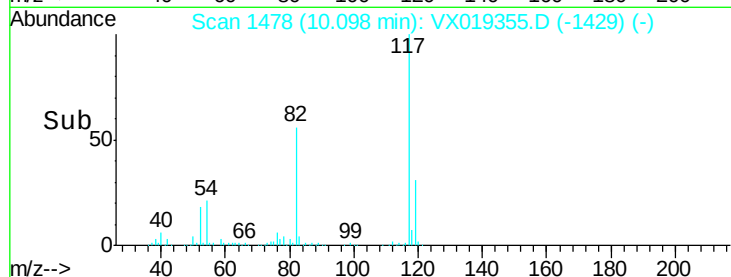
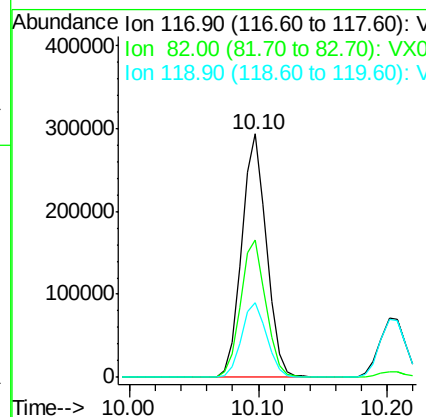
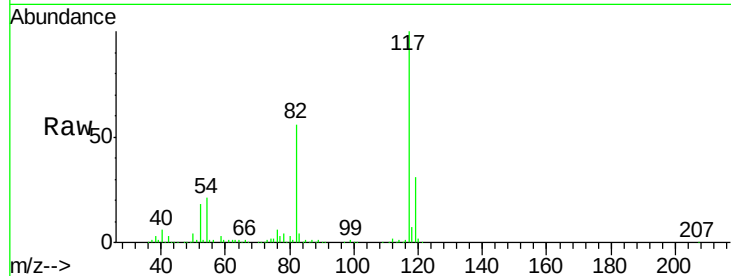
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 390501 |       |       |
| 82      | 56.2  | 43.6   | 65.4  |       |
| 119     | 30.8  | 25.5   | 38.3  |       |

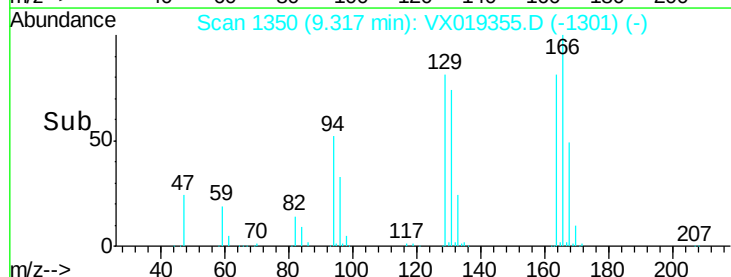
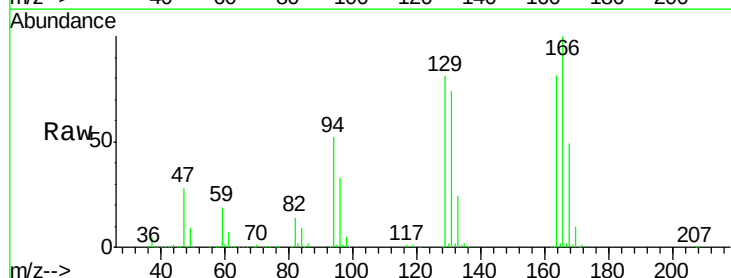
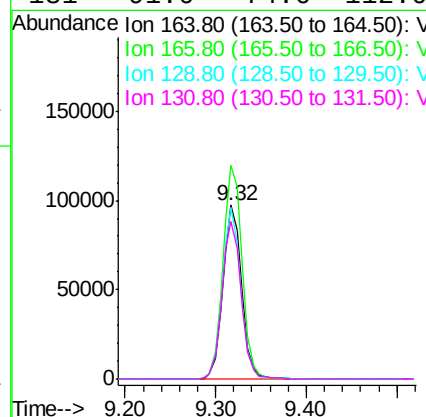
Manual Integrations  
APPROVED

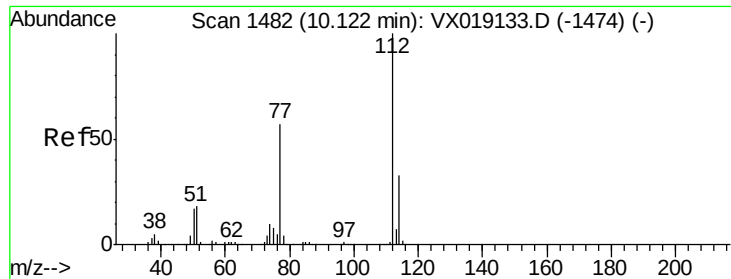
MMDadoda  
11/9/2020 9:36:55 AM



#64  
Tetrachloroethene  
Concen: 46.838 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 139352 |       |       |
| 166     | 123.0 | 104.1  | 156.1 |       |
| 129     | 99.2  | 76.2   | 114.4 |       |
| 131     | 91.0  | 74.6   | 112.0 |       |





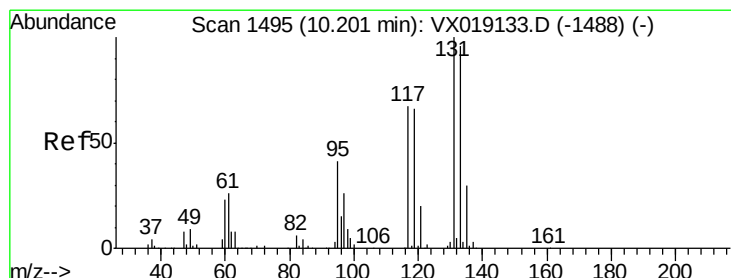
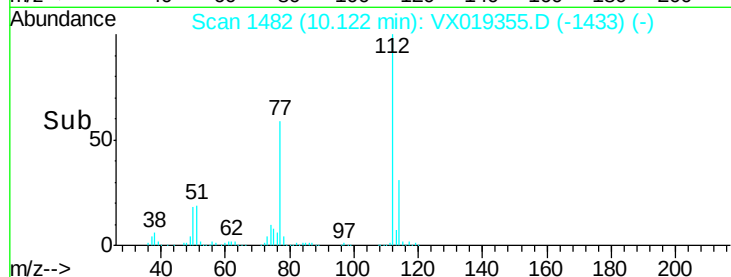
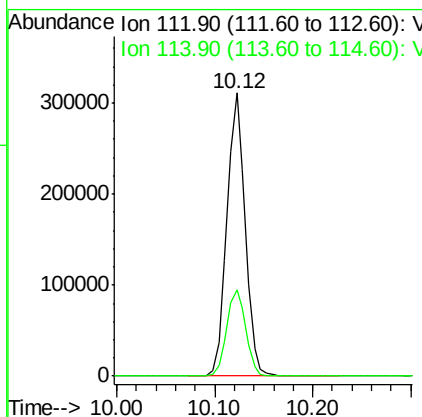
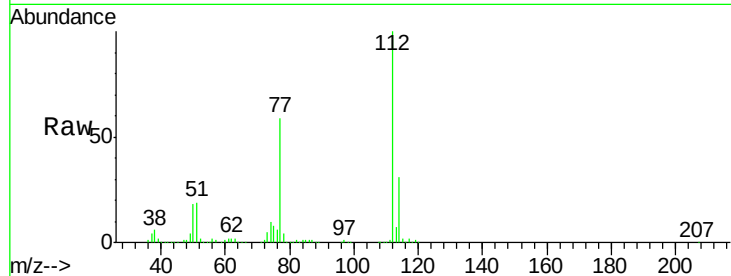
#65  
Chlorobenzene  
Concen: 50.581 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 30.6  | 26.1  | 39.1  |

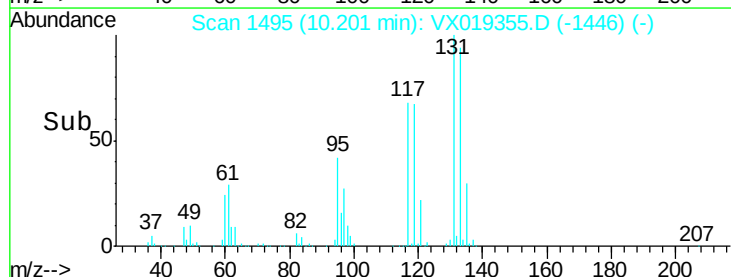
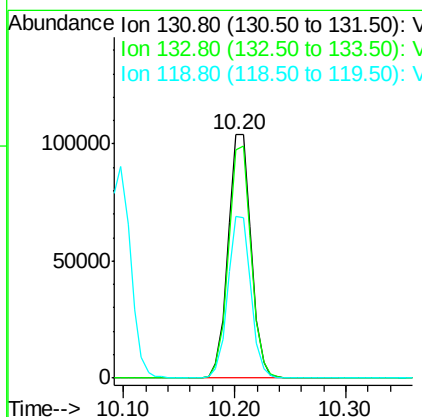
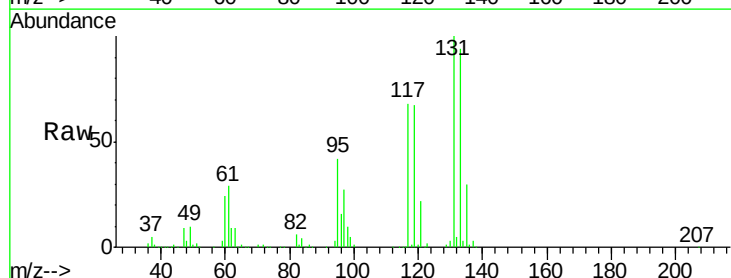
Manual Integrations  
APPROVED

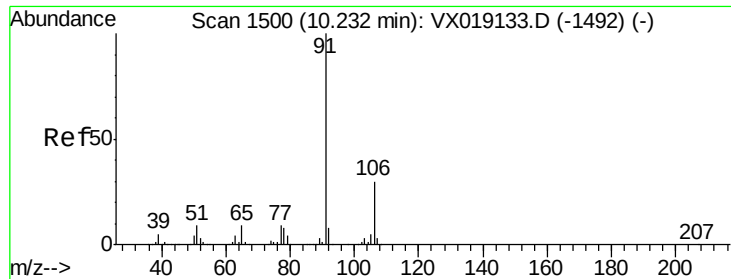
MMDadoda  
11/9/2020 9:36:55 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.662 ug/l  
RT: 10.20 min Scan# 1495  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 94.2  | 47.3  | 141.8 |
| 119     | 65.9  | 32.3  | 96.9  |





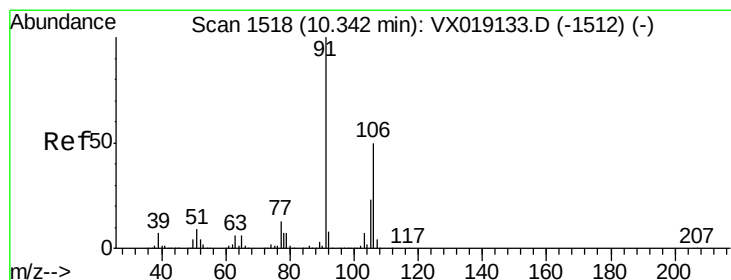
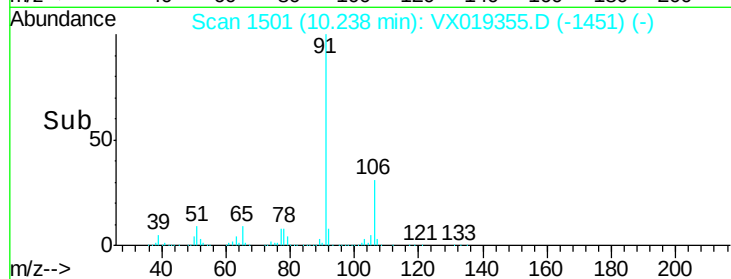
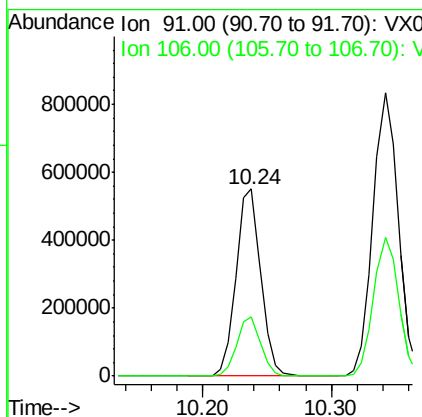
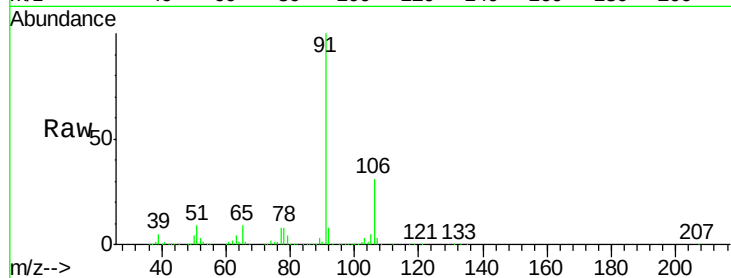
#67  
Ethyl Benzene  
Concen: 51.817 ug/l  
RT: 10.24 min Scan# 1501  
Delta R.T. 0.01 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 31.5  | 24.3  | 36.5  |

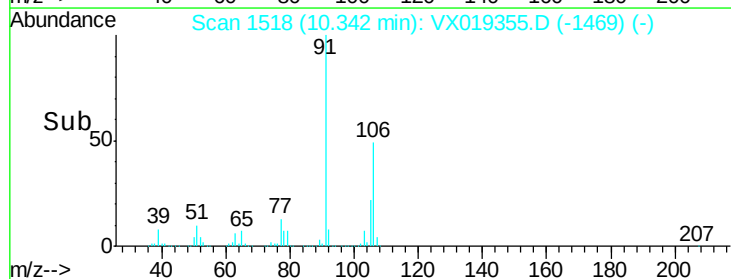
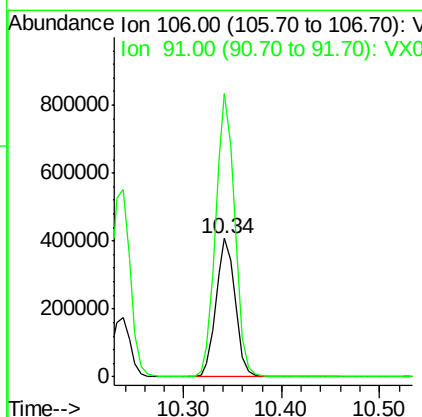
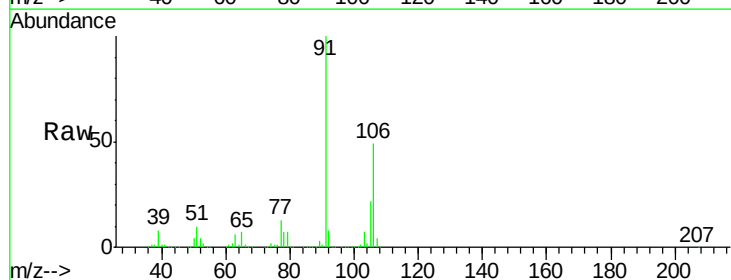
Manual Integrations  
APPROVED

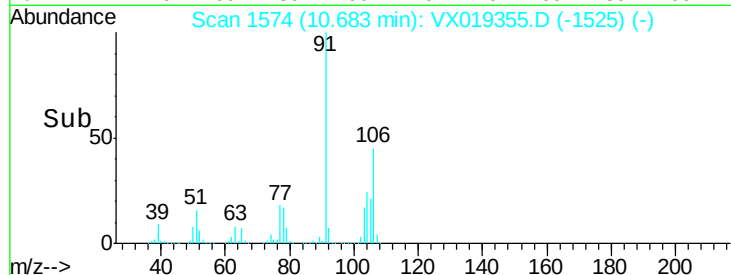
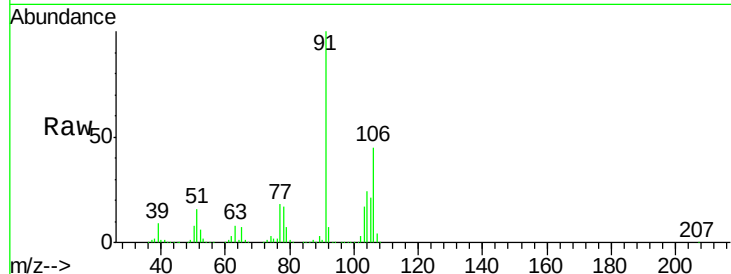
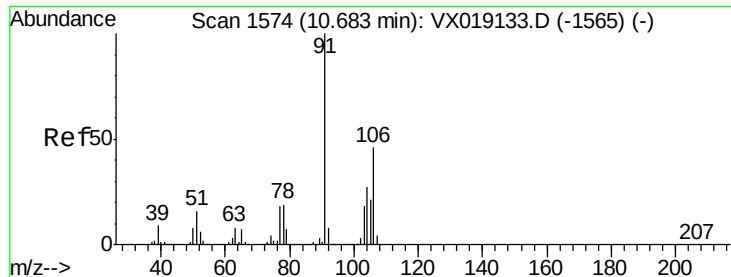
MMDadoda  
11/9/2020 9:36:55 AM



#68  
m/p-Xylenes  
Concen: 103.715 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 203.9 | 161.0 | 241.4 |





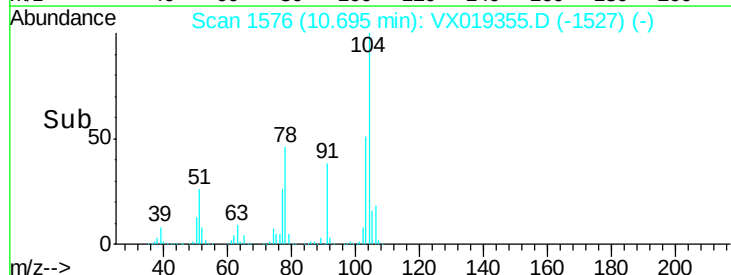
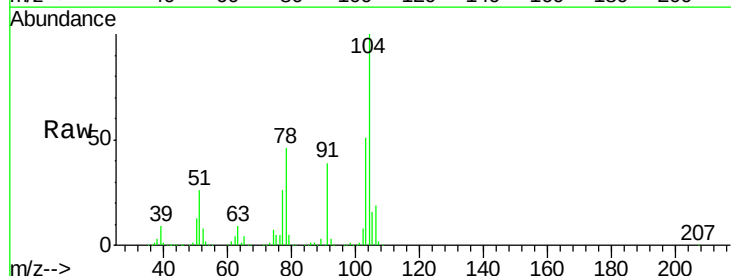
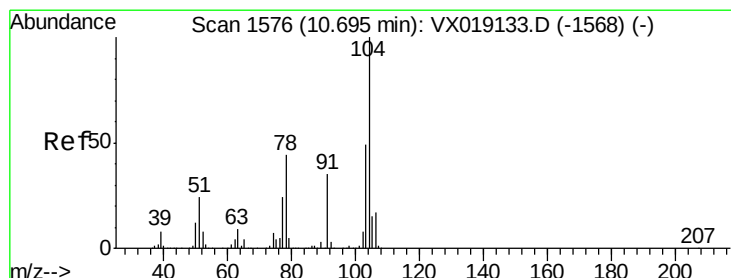
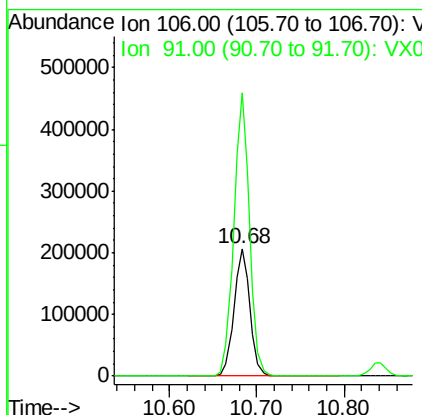
#69  
o-Xylene  
Concen: 52.136 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 106     | 106 | 100   | 263963 |       |       |
| 91      | 91  | 218.8 | 108.3  | 324.8 |       |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

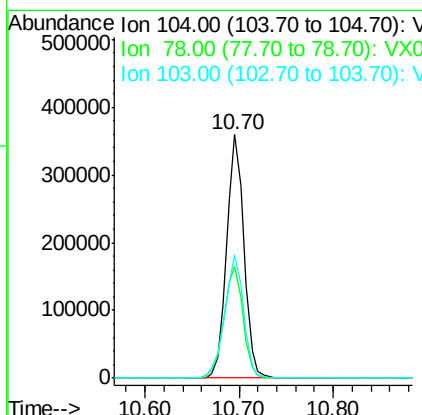
Manual Integrations  
APPROVED

MMDadoda  
11/9/2020 9:36:55 AM

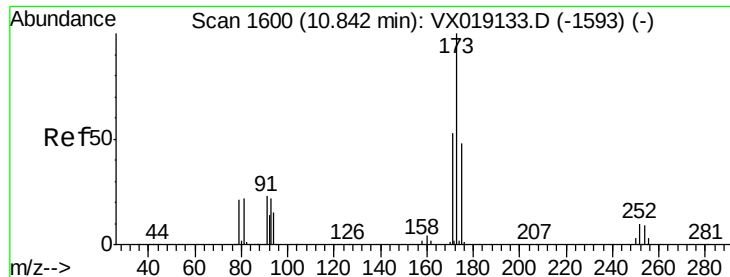


#70  
Styrene  
Concen: 53.054 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 104     | 104 | 100   | 458314 |       |       |
| 78      | 78  | 50.9  | 40.0   | 60.0  |       |
| 103     | 103 | 54.6  | 43.5   | 65.3  |       |







#71

Bromoform

Concen: 52.481 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 119560

Ion Ratio Lower Upper

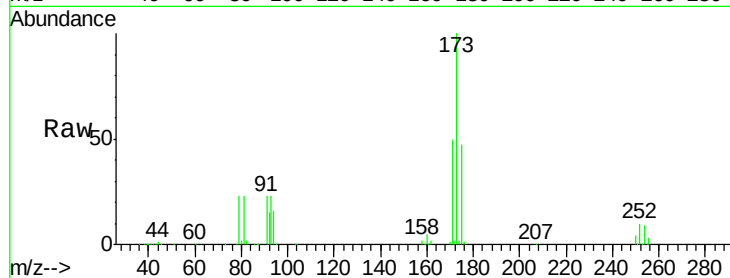
173 100

175 48.2 24.4 73.4

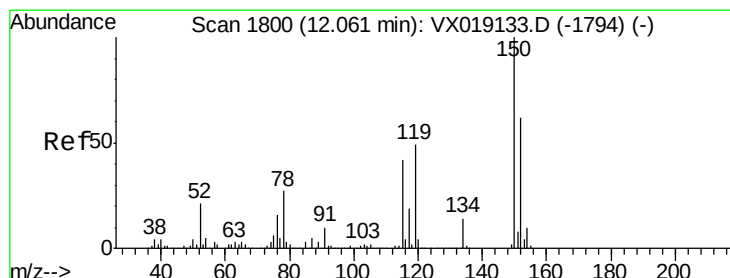
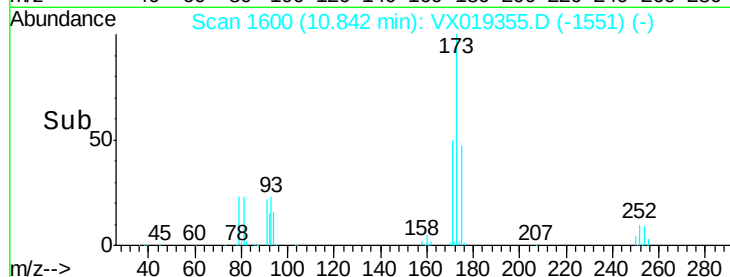
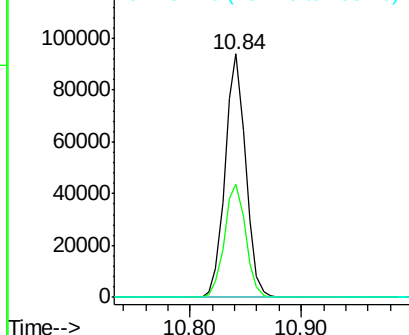
254 0.1 0.1 0.1#

Manual Integrations  
APPROVED

MMDadoda  
11/9/2020 9:36:55 AM



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: VX019355.D

Acq: 06 Nov 2020 20:13

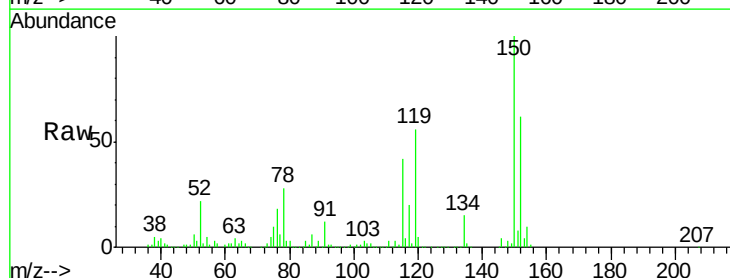
Tgt Ion:152 Resp: 201630

Ion Ratio Lower Upper

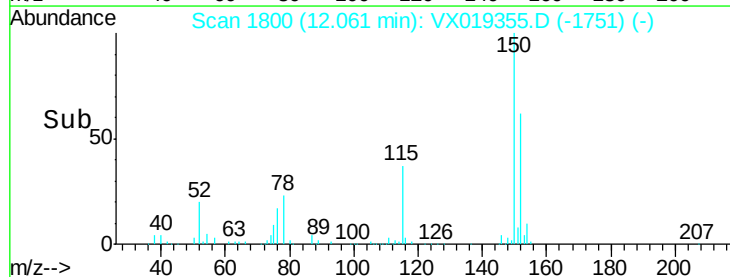
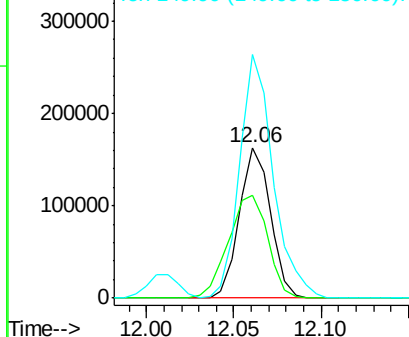
152 100

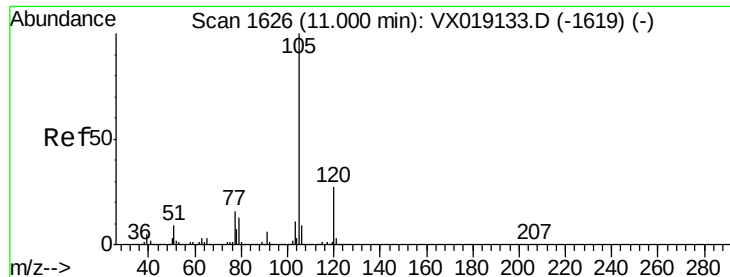
115 86.1 41.9 125.7

150 174.5 0.0 347.8



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: 50.468 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 720305

Ion Ratio Lower Upper

105 100

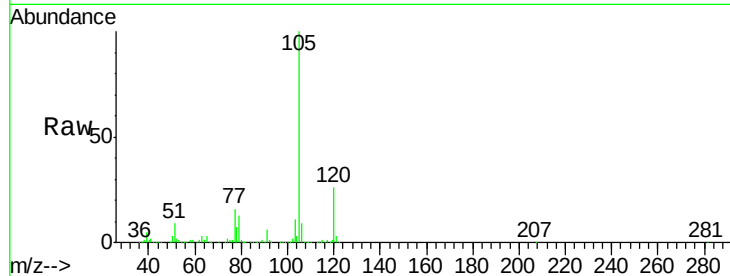
120 26.1 13.3 39.8

Manual Integrations

APPROVED

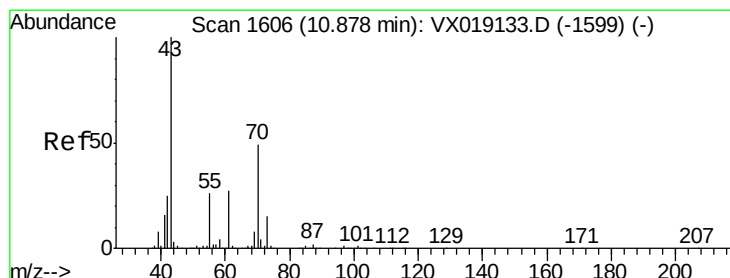
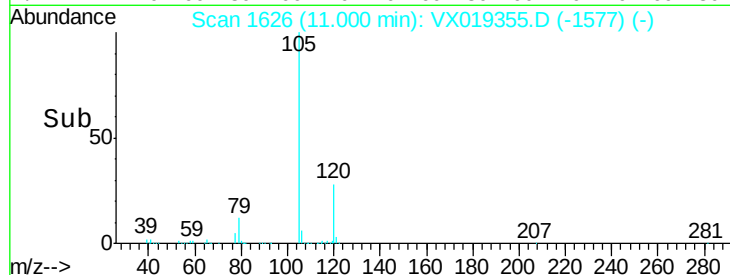
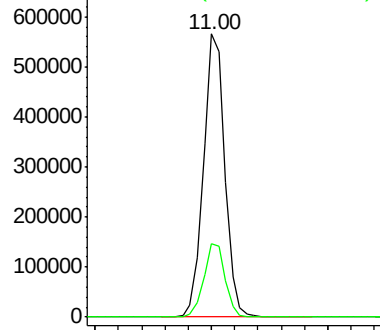
MMDadoda

11/9/2020 9:36:55 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: 55.673 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Tgt Ion: 43 Resp: 290525

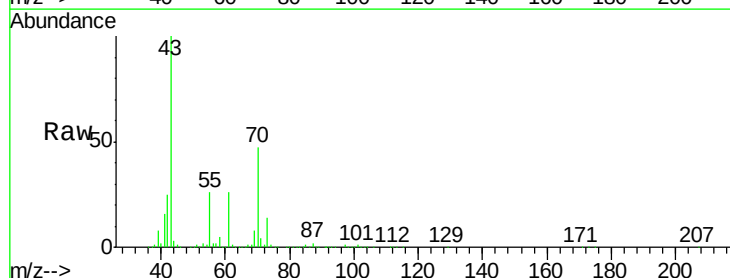
Ion Ratio Lower Upper

43 100

70 48.4 39.6 59.4

55 26.1 20.7 31.1

61 27.0 21.9 32.9

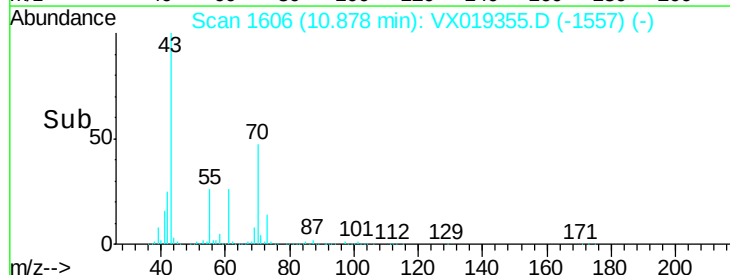
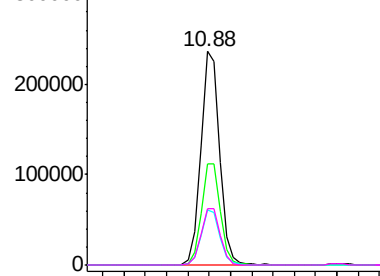


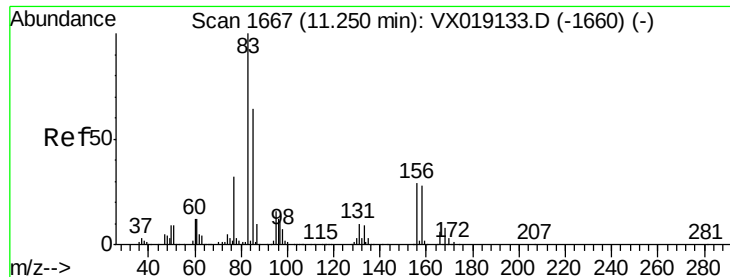
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 55.130 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 245906

Ion Ratio Lower Upper

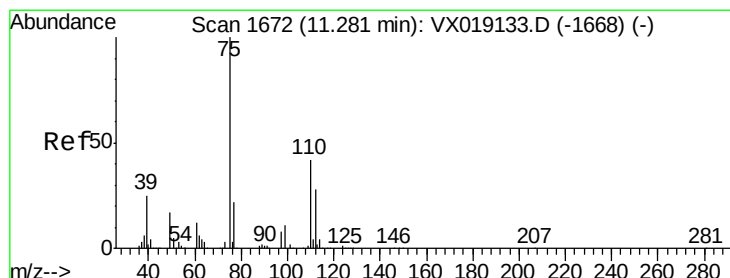
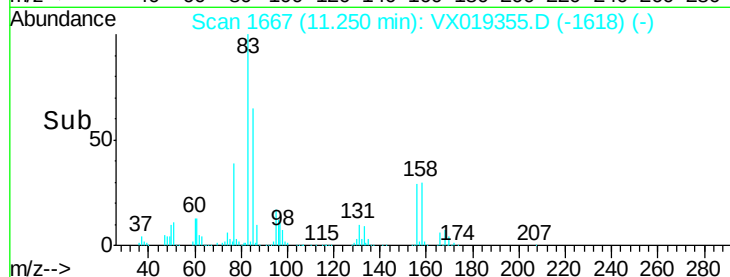
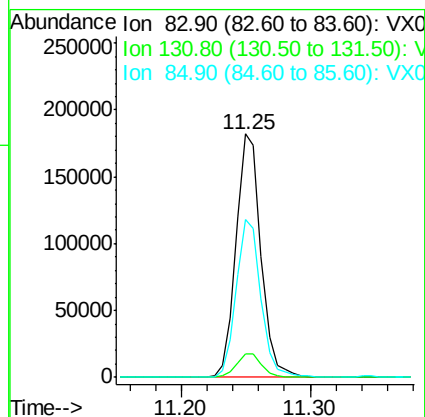
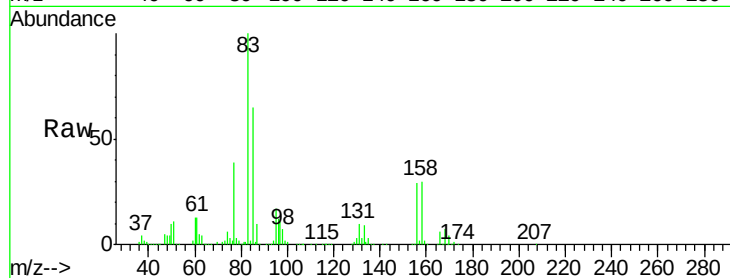
83 100

131 9.8 5.2 15.6

85 64.7 32.1 96.3

Manual Integrations  
APPROVED

MMDadoda  
11/9/2020 9:36:55 AM



#76

1,2,3-Trichloropropane

Concen: 53.877 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019355.D

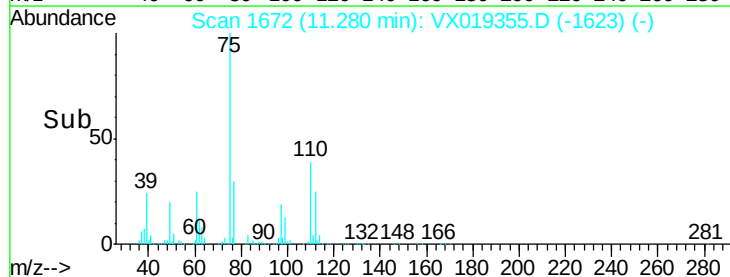
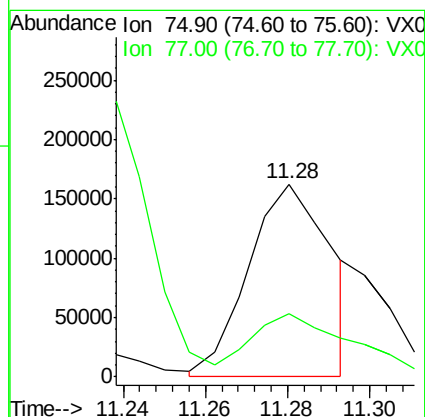
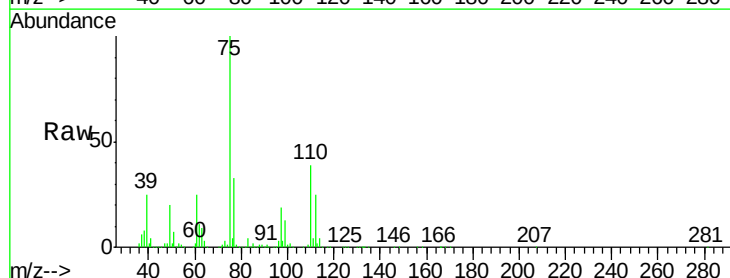
Acq: 06 Nov 2020 20:13

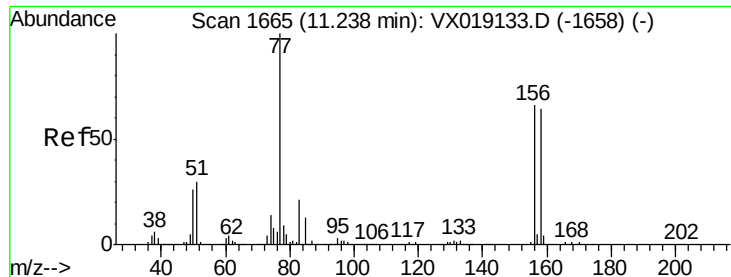
Tgt Ion: 75 Resp: 224303

Ion Ratio Lower Upper

75 100

77 40.8 20.3 60.9





#77

Bromobenzene

Concen: 48.090 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 170346

Ion Ratio Lower Upper

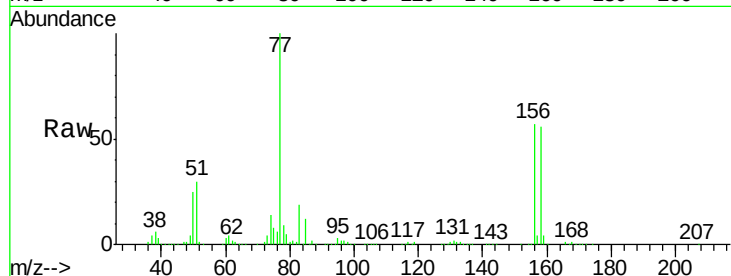
156 100

77 175.2 77.7 233.1

158 98.1 48.3 144.8

Manual Integrations  
APPROVED

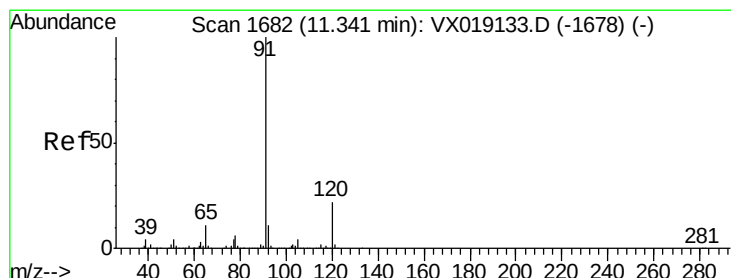
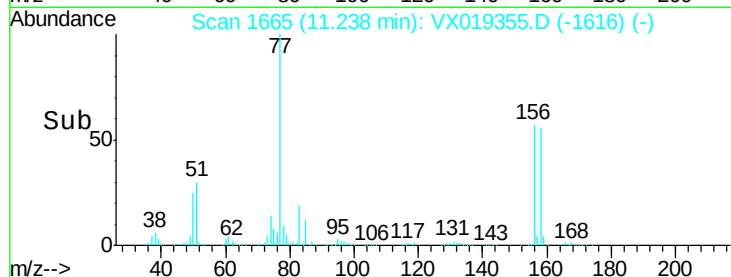
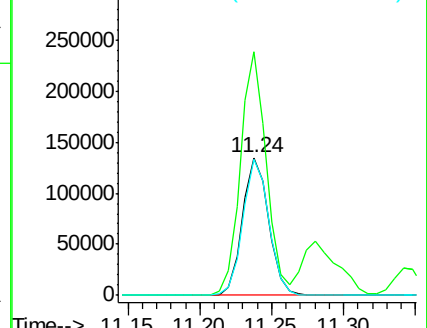
MMDadoda  
11/9/2020 9:36:55 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.213 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019355.D

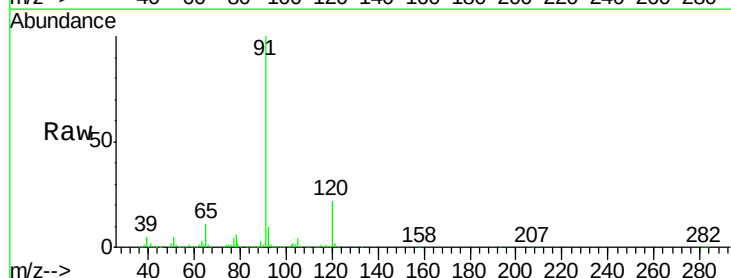
Acq: 06 Nov 2020 20:13

Tgt Ion: 91 Resp: 834385

Ion Ratio Lower Upper

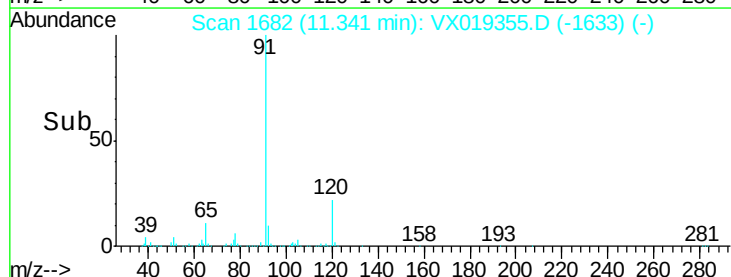
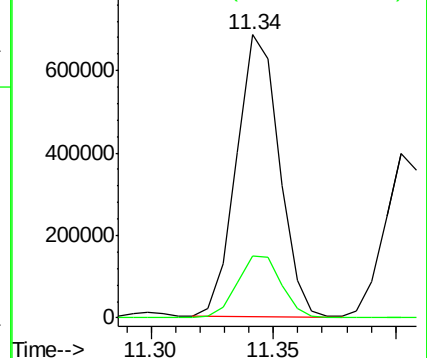
91 100

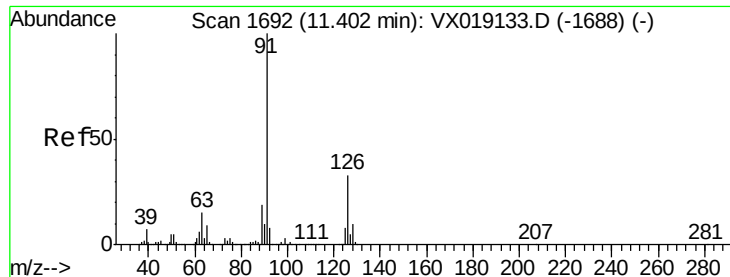
120 22.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.613 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 495067

Ion Ratio Lower Upper

91 100

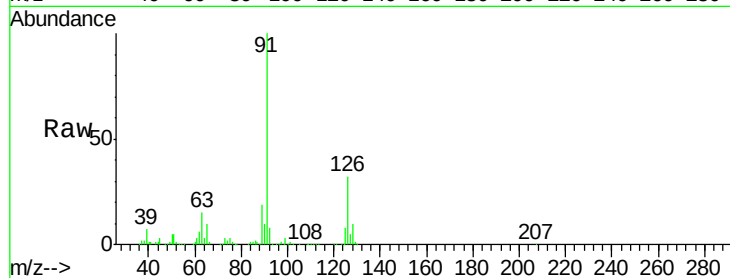
126 32.8 16.9 50.7

Manual Integrations

APPROVED

MMDadoda

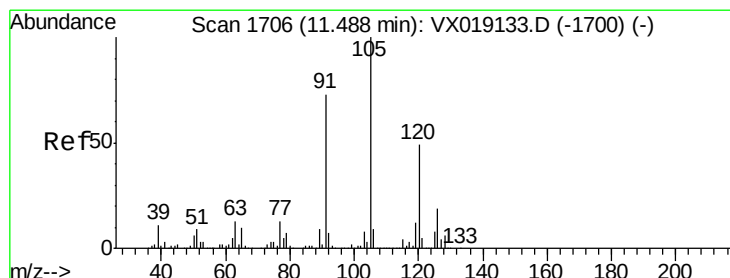
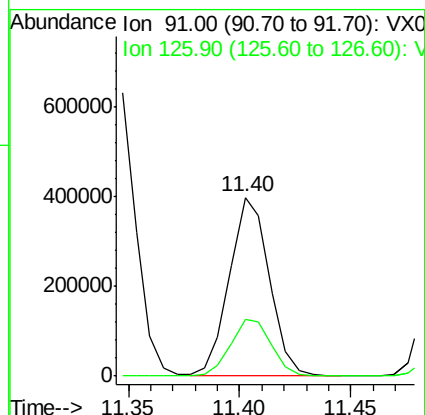
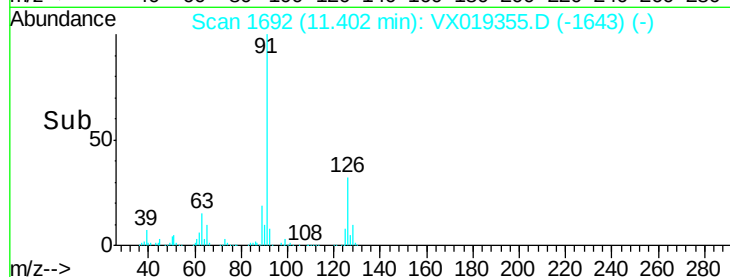
11/9/2020 9:36:55 AM



Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX019133.D (-1688) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.877 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019355.D

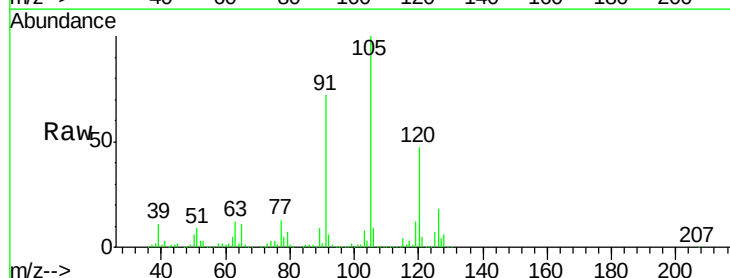
Acq: 06 Nov 2020 20:13

Tgt Ion: 105 Resp: 613438

Ion Ratio Lower Upper

105 100

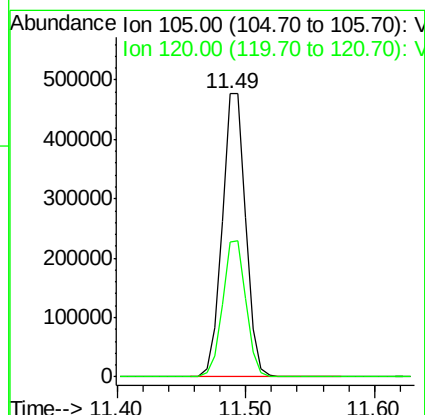
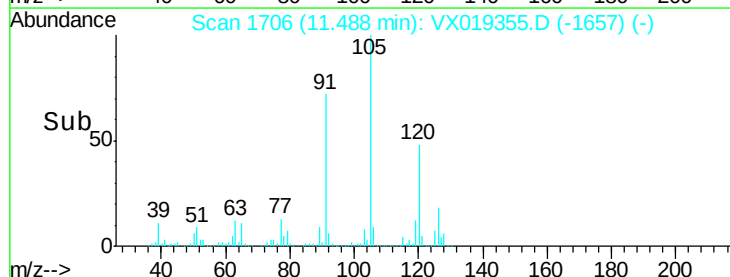
120 48.0 24.3 72.8

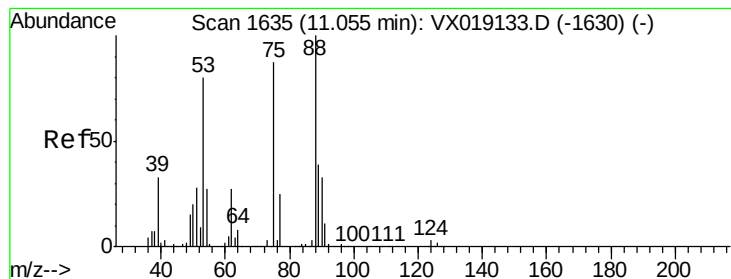


Abundance Ion 105.00 (104.70 to 105.70): VX019133.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019133.D (-1700) (-)

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.176 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 77756

Ion Ratio Lower Upper

75 100

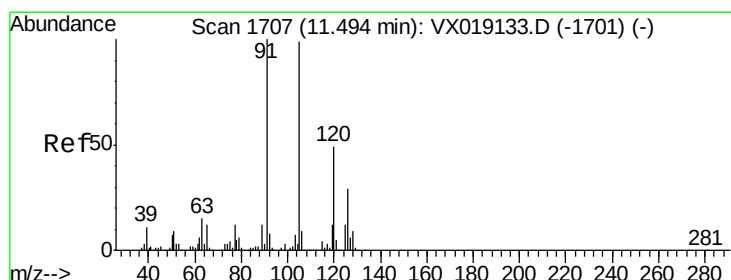
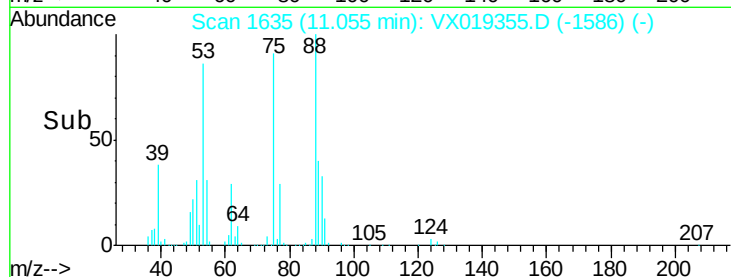
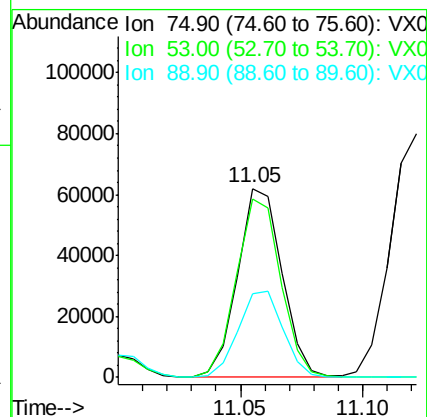
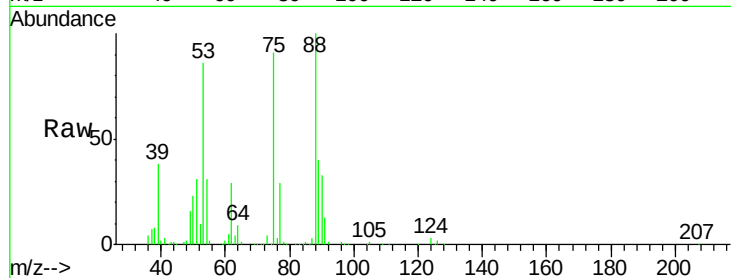
53 96.0 73.3 109.9

89 46.5 38.2 57.2

Manual Integrations  
APPROVED

MMDadoda

11/9/2020 9:36:55 AM



#82

4-Chlorotoluene

Concen: 50.722 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019355.D

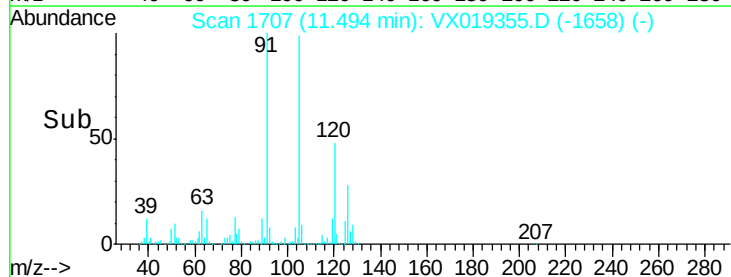
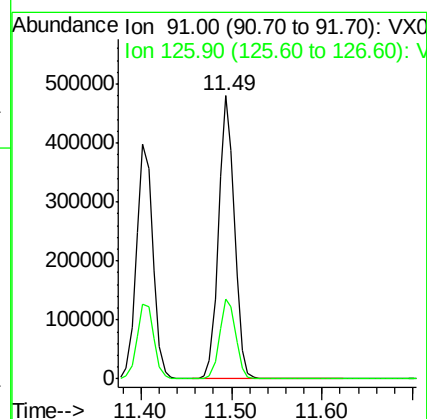
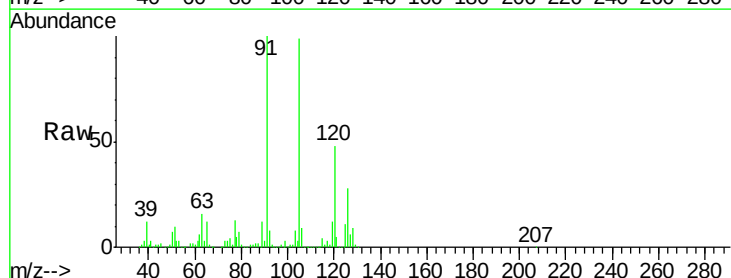
Acq: 06 Nov 2020 20:13

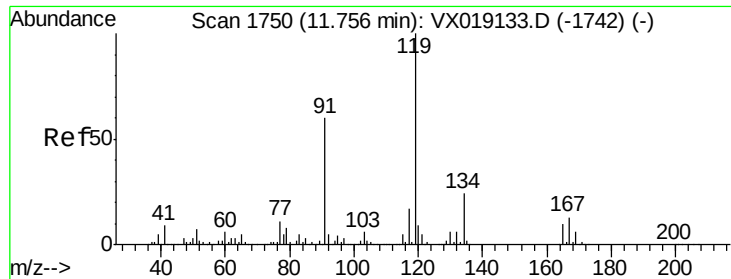
Tgt Ion: 91 Resp: 594117

Ion Ratio Lower Upper

91 100

126 28.6 14.8 44.4





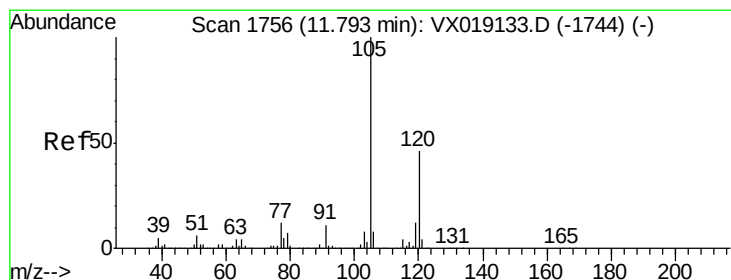
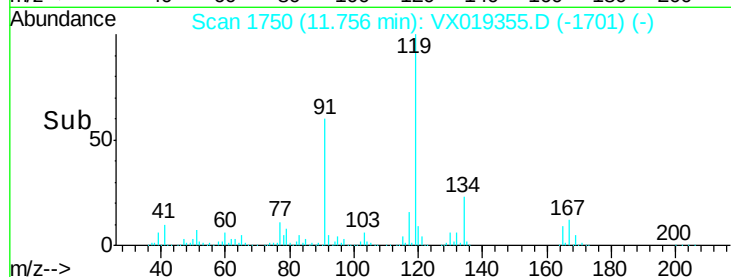
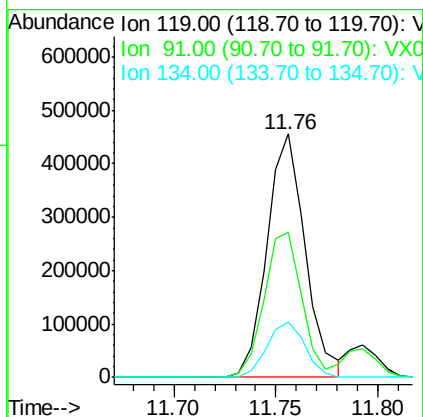
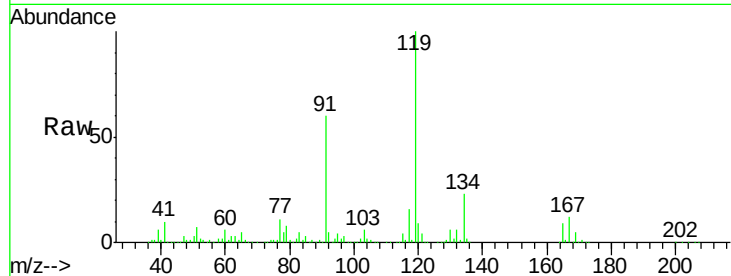
#83  
tert-Butylbenzene  
Concen: 51.435 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 593805 |       |       |
| 91      | 59.0  | 29.0   | 87.1  |       |
| 134     | 22.8  | 11.7   | 35.0  |       |

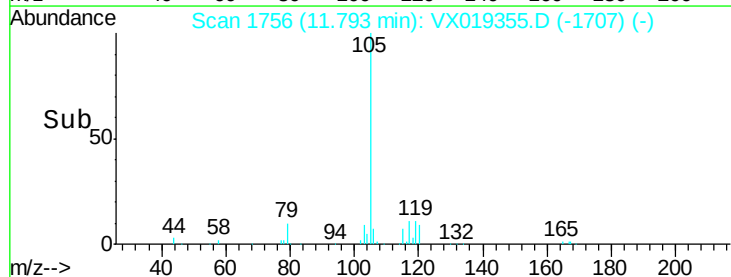
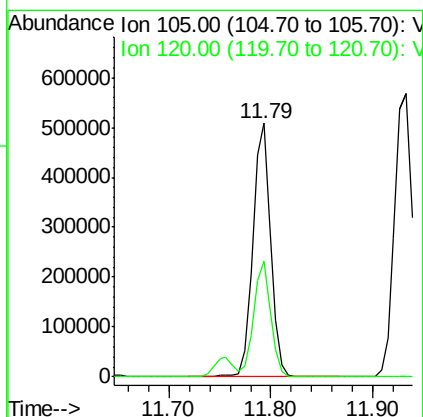
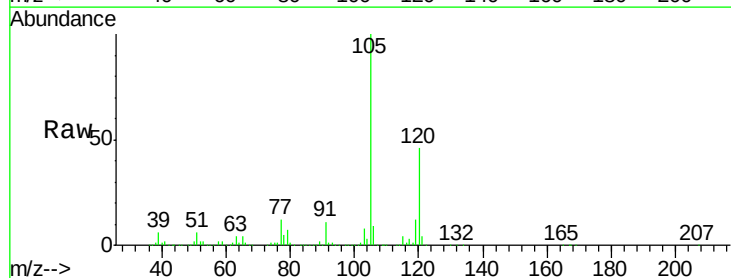
Manual Integrations  
APPROVED

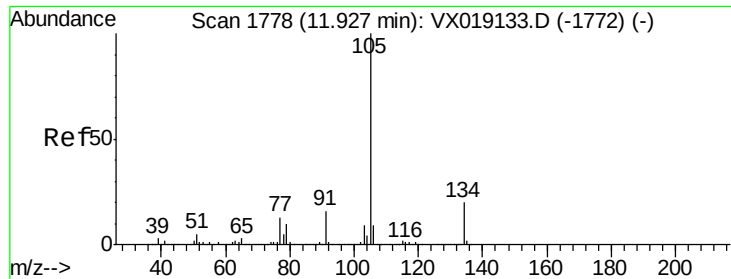
MMDadoda  
11/9/2020 9:36:55 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 51.188 ug/l  
RT: 11.79 min Scan# 1756  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 623079 |       |       |
| 120     | 44.1  | 22.4   | 67.3  |       |





#85

sec-Butylbenzene

Concen: 50.832 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 703847

Ion Ratio Lower Upper

105 100

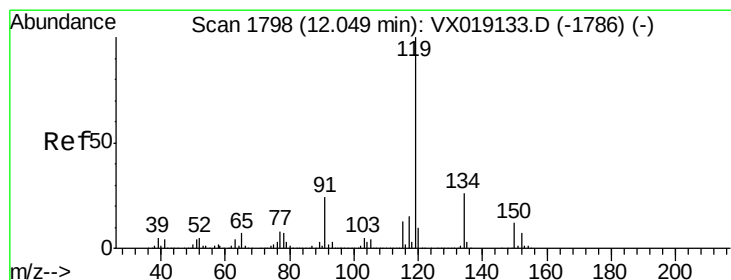
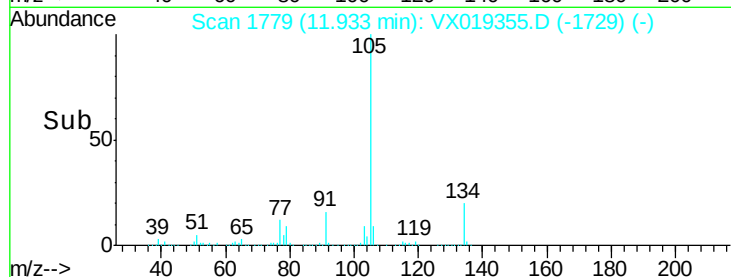
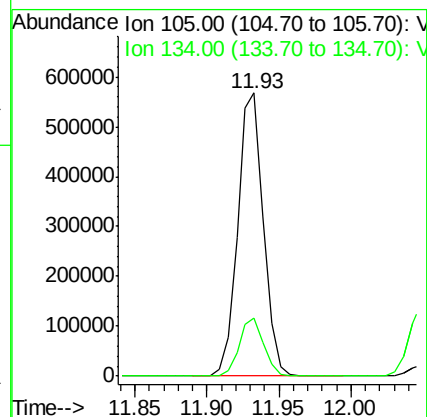
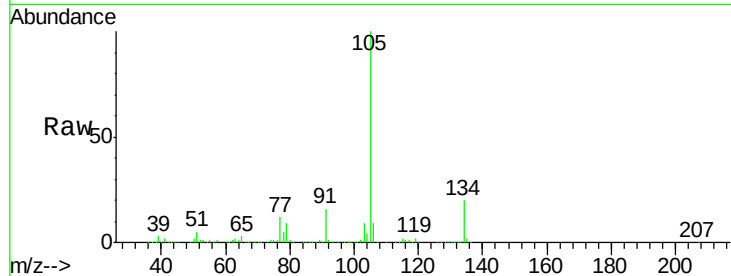
134 19.7 10.1 30.1

Manual Integrations

APPROVED

MMDadoda

11/9/2020 9:36:55 AM



#86

p-Isopropyltoluene

Concen: 50.338 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

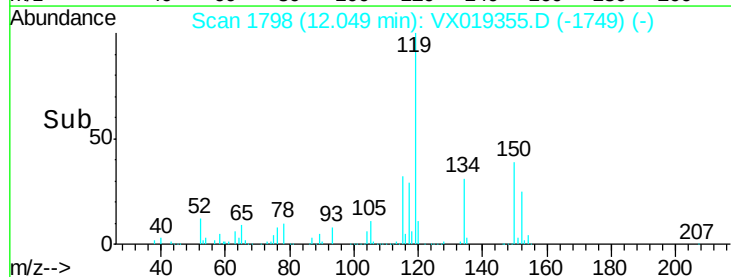
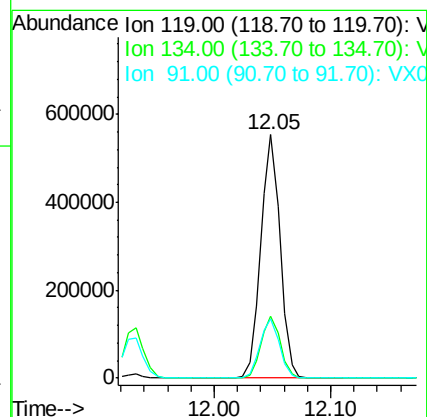
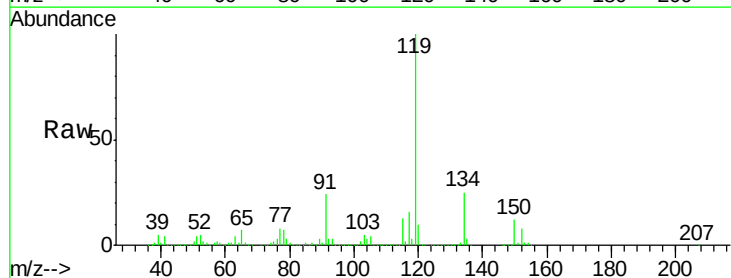
Tgt Ion:119 Resp: 643331

Ion Ratio Lower Upper

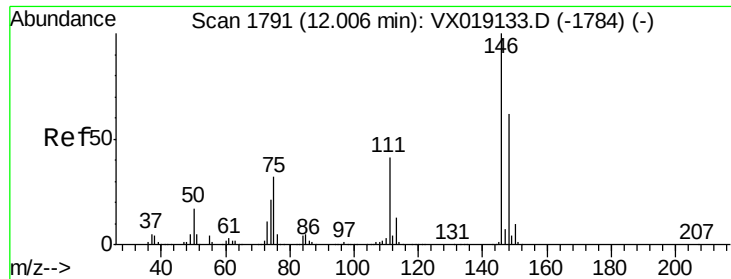
119 100

134 25.7 12.9 38.7

91 24.5 12.0 36.0







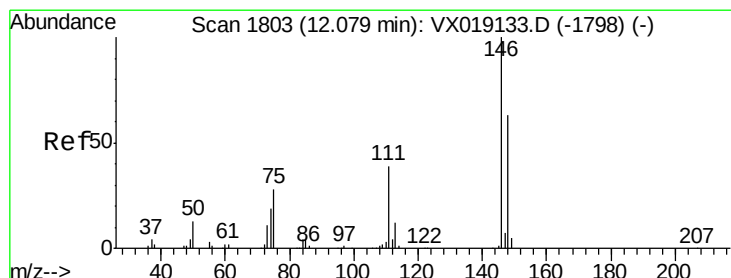
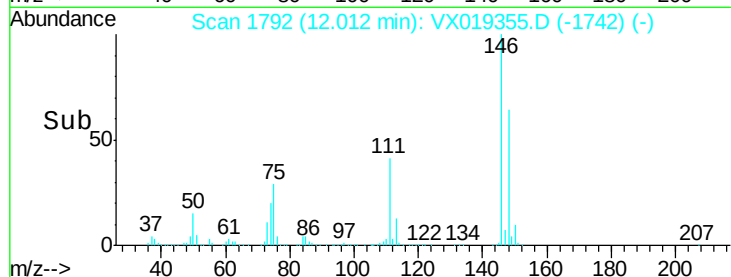
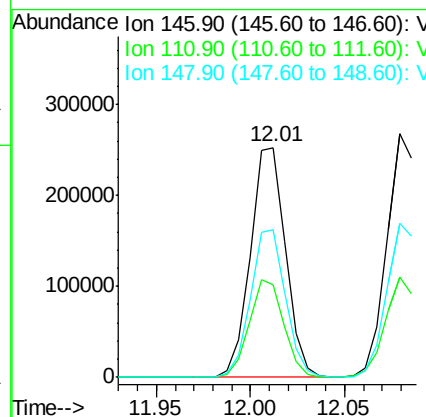
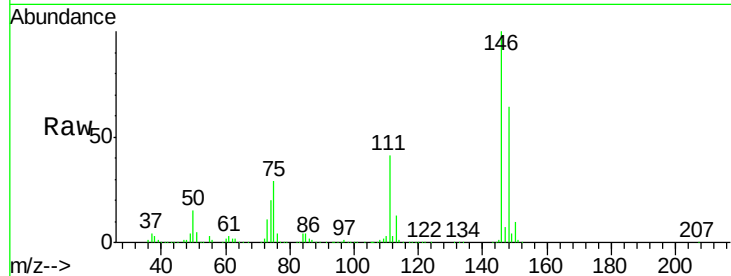
#87  
 1,3-Dichlorobenzene  
 Concen: 49.533 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. 0.01 min  
 Lab File: VX019355.D  
 Acq: 06 Nov 2020 20:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.7  | 20.4  | 61.2  |
| 148     | 63.7  | 31.6  | 94.8  |

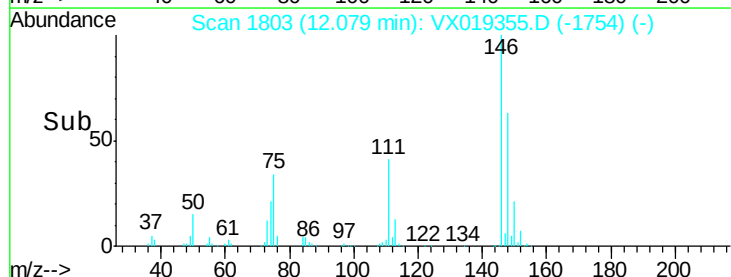
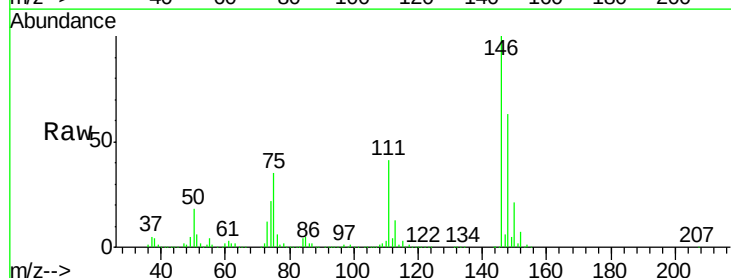
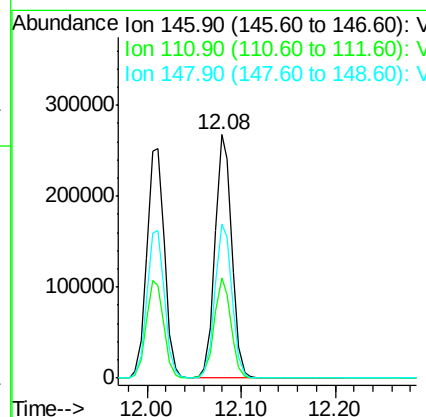
Manual Integrations  
 APPROVED

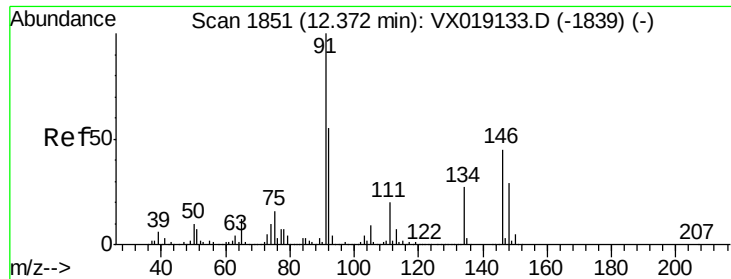
MMDadoda  
 11/9/2020 9:36:55 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 47.934 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VX019355.D  
 Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.0  | 20.2  | 60.5  |
| 148     | 64.1  | 31.3  | 93.8  |





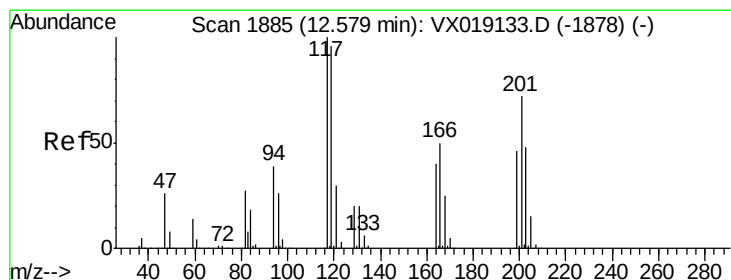
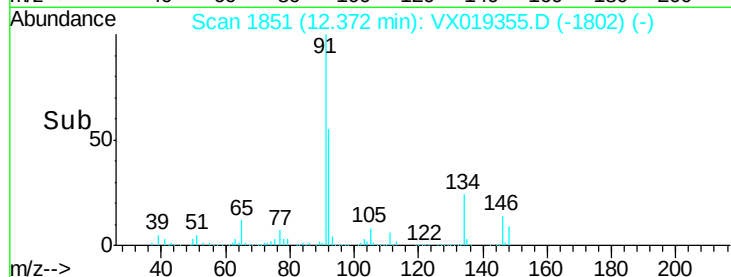
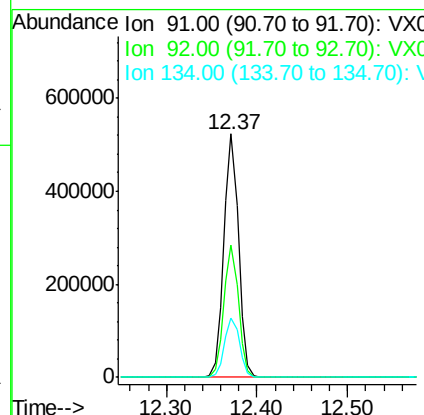
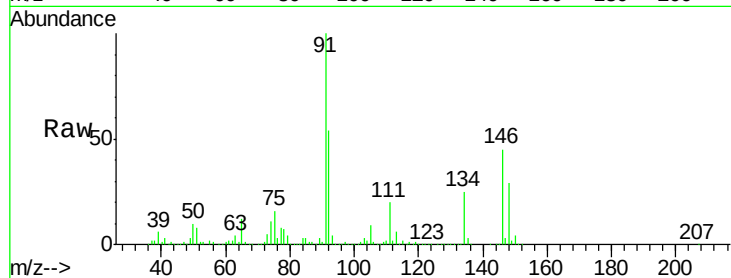
#89  
n-Butylbenzene  
Concen: 49.347 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.5  | 27.5  | 82.4  |
| 134     | 25.1  | 13.2  | 39.6  |

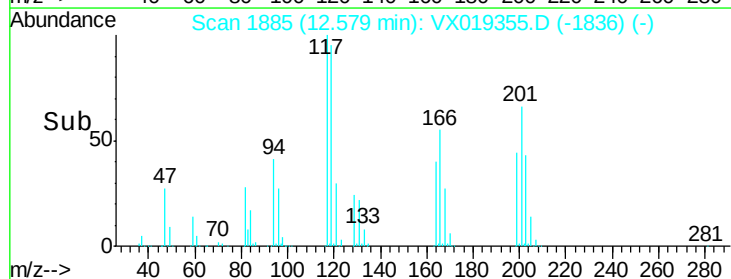
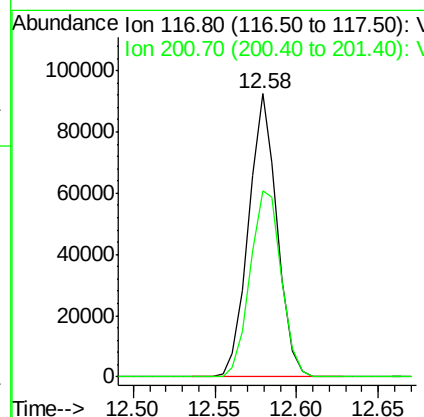
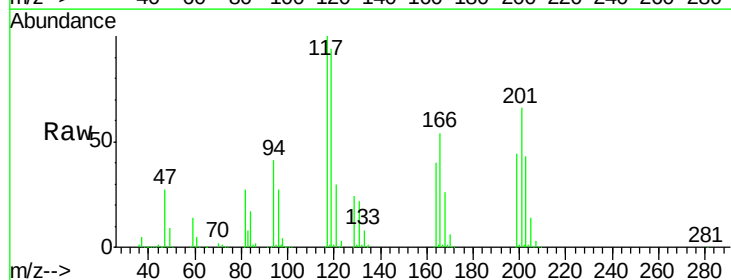
Manual Integrations  
APPROVED

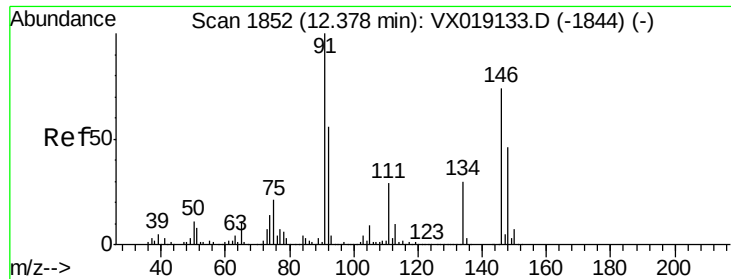
MMDadoda  
11/9/2020 9:36:55 AM



#90  
Hexachloroethane  
Concen: 51.783 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 71.9  | 38.5  | 115.3 |





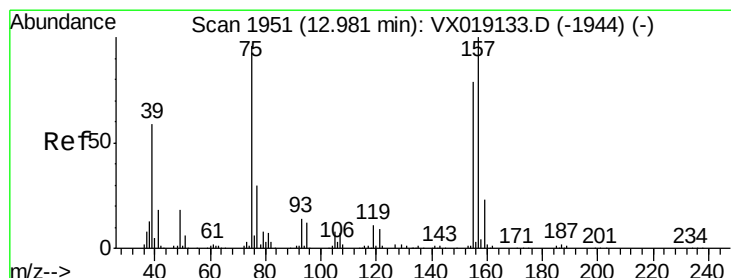
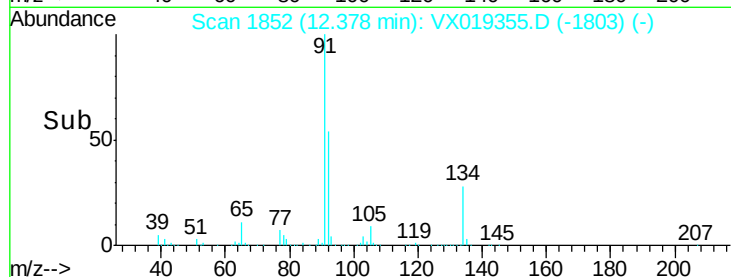
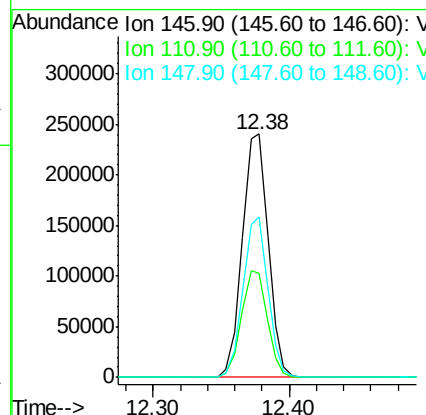
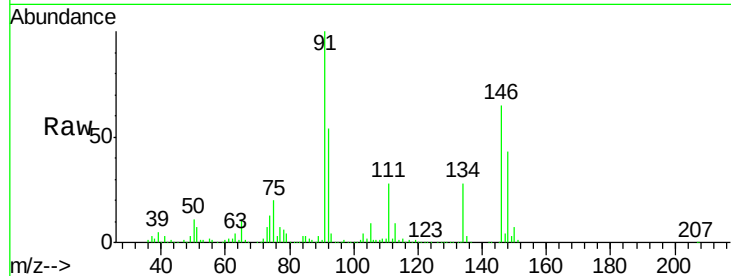
#91  
 1,2-Dichlorobenzene  
 Concen: 50.455 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: VX019355.D  
 Acq: 06 Nov 2020 20:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.7  | 21.2  | 63.6  |
| 148     | 63.4  | 31.6  | 94.7  |

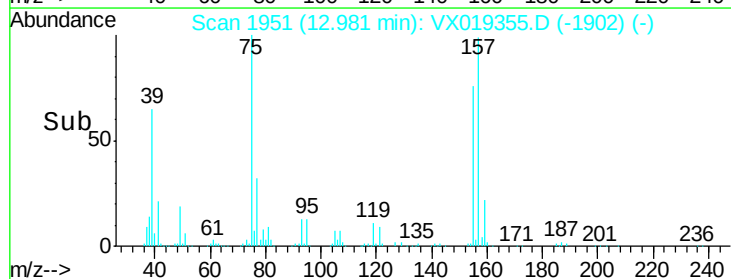
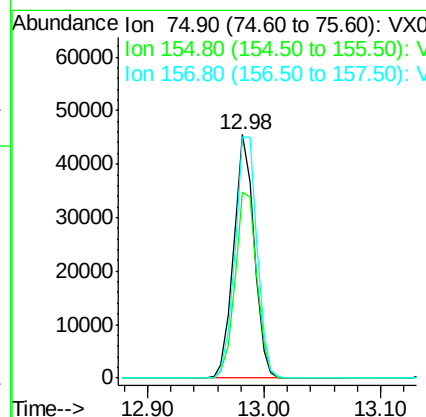
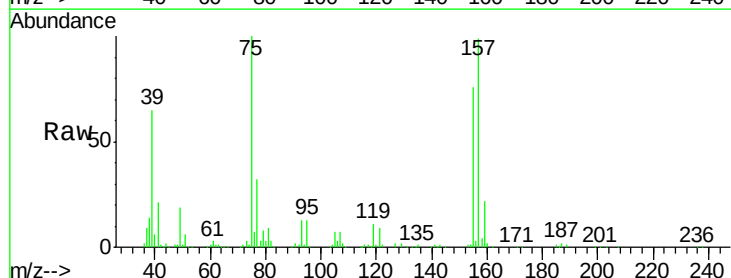
Manual Integrations  
 APPROVED

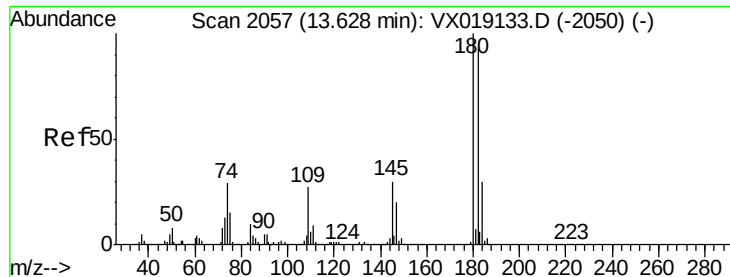
MMDadoda  
 11/9/2020 9:36:55 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.037 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. -0.00 min  
 Lab File: VX019355.D  
 Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 81.5  | 42.8  | 128.4 |
| 157     | 107.0 | 54.8  | 164.4 |





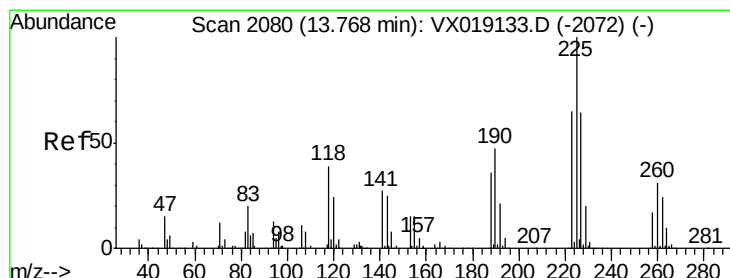
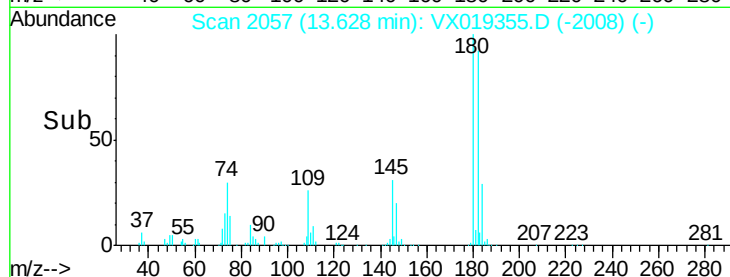
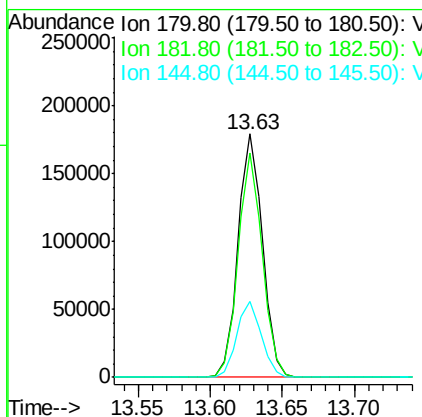
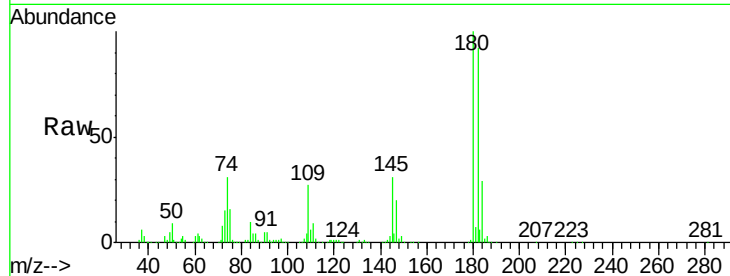
#93  
 1,2,4-Trichlorobenzene  
 Concen: 44.605 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX019355.D  
 Acq: 06 Nov 2020 20:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 212223 |       |       |
| 182     | 91.2  | 46.8   | 140.3 |       |
| 145     | 31.4  | 15.5   | 46.5  |       |

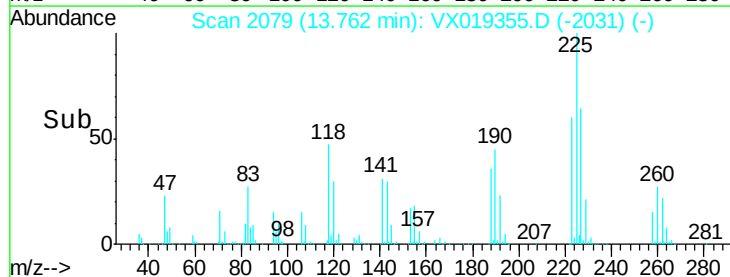
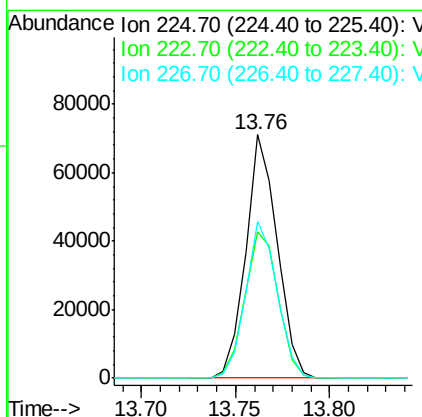
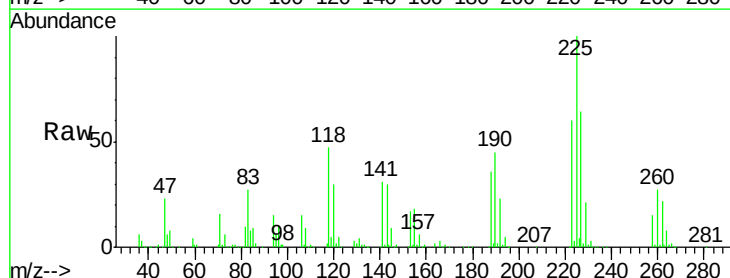
Manual Integrations  
 APPROVED

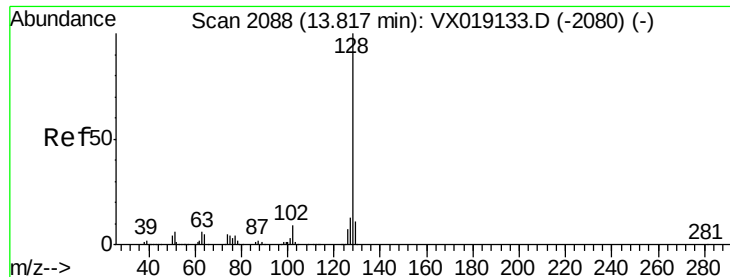
MMDadoda  
 11/9/2020 9:36:55 AM



#94  
 Hexachlorobutadiene  
 Concen: 39.266 ug/l  
 RT: 13.76 min Scan# 2079  
 Delta R.T. -0.01 min  
 Lab File: VX019355.D  
 Acq: 06 Nov 2020 20:13

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 82240 |       |       |
| 223     | 63.7  | 32.4  | 97.2  |       |
| 227     | 64.5  | 31.6  | 94.7  |       |





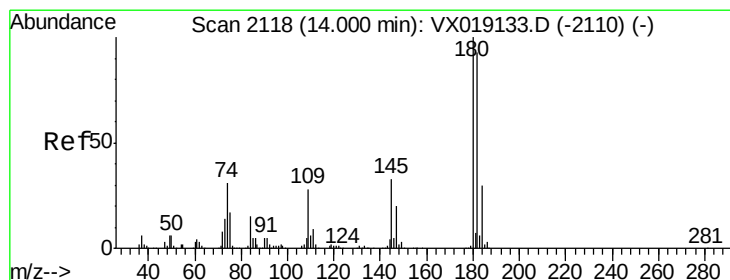
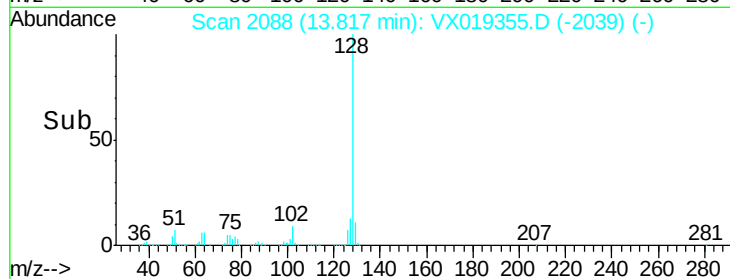
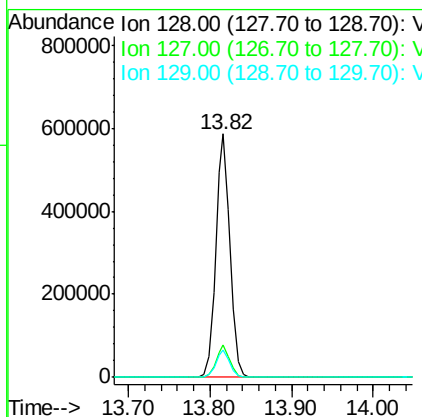
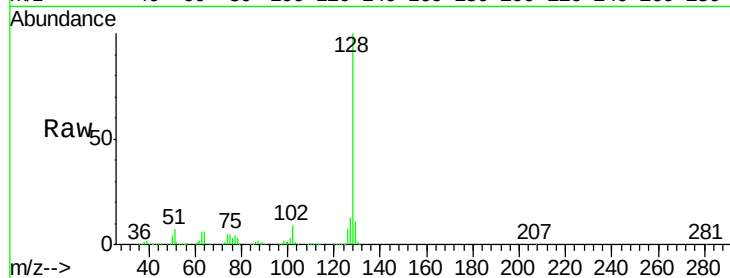
#95  
Naphthalene  
Concen: 47.983 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 719031 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.9  | 10.3  | 15.5   |
| 129       | 10.9  | 8.6   | 13.0   |

Manual Integrations  
APPROVED

MMDadoda  
11/9/2020 9:36:55 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 44.018 ug/l  
RT: 14.00 min Scan# 2118  
Delta R.T. -0.00 min  
Lab File: VX019355.D  
Acq: 06 Nov 2020 20:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 203172 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.8  | 47.8  | 143.3  |
| 145       | 34.8  | 16.5  | 49.5   |

