

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082820\  
 Data File : VX018132.D  
 Acq On : 28 Aug 2020 19:43  
 Operator : JC/SP  
 Sample : L3827-02MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 789UMR-DSP01-01MS

Manual Integrations  
 APPROVED

MMDadoda  
 8/31/2020 8:57:47 AM

Quant Time: Aug 29 04:27:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 03:03:56 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 541343   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 878114   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 860374   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 430604   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 393101   | 52.31 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.62% |      |
| 35) Dibromofluoromethane  | 5.46   | 113 | 309974   | 51.83 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.66% |      |
| 50) Toluene-d8            | 8.70   | 98  | 1128687  | 50.67 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.34% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 443603   | 50.62 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.24% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 323284  | 49.050  | ug/l | 99     |
| 3) Chloromethane              | 1.31 | 50  | 320457  | 46.117  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.39 | 62  | 312913  | 45.237  | ug/l | 99     |
| 5) Bromomethane               | 1.62 | 94  | 166761  | 49.983  | ug/l | 95     |
| 6) Chloroethane               | 1.70 | 64  | 175934  | 47.355  | ug/l | 96     |
| 7) Trichlorofluoromethane     | 1.91 | 101 | 469182  | 49.744  | ug/l | 98     |
| 8) Diethyl Ether              | 2.17 | 74  | 151894  | 47.486  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 231232  | 45.347  | ug/l | 97     |
| 10) Methyl Iodide             | 2.49 | 142 | 257015  | 47.416  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.03 | 59  | 384946  | 263.439 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 2.35 | 96  | 226132  | 42.745  | ug/l | 96     |
| 13) Acrolein                  | 2.28 | 56  | 193926  | 320.068 | ug/l | 99     |
| 14) Allyl chloride            | 2.70 | 41  | 446883  | 47.017  | ug/l | 99     |
| 15) Acrylonitrile             | 3.12 | 53  | 860977  | 259.750 | ug/l | 100    |
| 16) Acetone                   | 2.42 | 43  | 878161  | 299.878 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.55 | 76  | 700557  | 43.805  | ug/l | 99     |
| 18) Methyl Acetate            | 2.75 | 43  | 401627  | 56.835  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 910185  | 50.167  | ug/l | 100    |
| 20) Methylene Chloride        | 2.84 | 84  | 320275  | 53.573  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 275557  | 47.014  | ug/l | 98     |
| 22) Diisopropyl ether         | 3.83 | 45  | 914140  | 48.730  | ug/l | 99     |
| 23) Vinyl Acetate             | 3.79 | 43  | 4164292 | 249.476 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 511416  | 47.892  | ug/l | 99     |
| 25) 2-Butanone                | 4.64 | 43  | 1288608 | 267.752 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 342238  | 39.389  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 315371  | 46.700  | ug/l | 97     |
| 28) Bromochloromethane        | 4.98 | 49  | 255539  | 49.576  | ug/l | 96     |
| 29) Tetrahydrofuran           | 5.09 | 42  | 806335  | 263.192 | ug/l | 99     |
| 30) Chloroform                | 5.18 | 83  | 537053  | 48.570  | ug/l | 98     |
| 31) Cyclohexane               | 5.55 | 56  | 422934  | 47.018  | ug/l | 94     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 497407  | 49.020  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 382612  | 47.240  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.80 | 43  | 479266  | 50.949  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 453572  | 49.693  | ug/l | 96     |

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 Sample : L3827-02MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 789UMR-DSP01-01MS

Manual Integrations  
 APPROVED

MMDadoda  
 8/31/2020 8:57:47 AM

Quant Time: Aug 29 04:27:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 03:03:56 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 427747   | 48.299   | ug/l   | 99       |
| 40) Benzene                    | 6.12  | 78   | 1135299  | 47.704   | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.01  | 41   | 256111   | 49.586   | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 452797   | 49.659   | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.42  | 43   | 795163   | 52.335   | ug/l   | 99       |
| 44) Trichloroethene            | 7.19  | 130  | 317425   | 47.204   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 307391   | 47.924   | ug/l   | 96       |
| 46) Dibromomethane             | 7.64  | 93   | 222091   | 49.238   | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.88  | 83   | 450788   | 50.053   | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.75  | 41   | 379537   | 50.180   | ug/l   | 100      |
| 49) 1,4-Dioxane                | 7.71  | 88   | 141481   | 1032.653 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 2535250  | 270.130  | ug/l   | 100      |
| 52) Toluene                    | 8.77  | 92   | 738524   | 48.939   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 480418   | 48.130   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 480787   | 45.470   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 309449   | 48.080   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 481984   | 50.375   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 515565   | 48.568   | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.48  | 43   | 1949600  | 273.189  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.57  | 129  | 388521   | 51.459   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 347666   | 49.756   | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 307742   | 48.674   | ug/l   | 96       |
| 65) Chlorobenzene              | 10.12 | 112  | 827408   | 48.151   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 330025   | 48.729   | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.24 | 91   | 1426573  | 48.818   | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.34 | 106  | 1092295  | 100.145  | ug/l   | 100      |
| 69) o-Xylene                   | 10.68 | 106  | 525681   | 49.718   | ug/l   | 98       |
| 70) Stvrene                    | 10.70 | 104  | 905751   | 50.302   | ug/l   | 99       |
| 71) Bromoform                  | 10.84 | 173  | 283379   | 49.055   | ug/l # | 97       |
| 73) Isopropylbenzene           | 11.00 | 105  | 1425621  | 50.193   | ug/l   | 98       |
| 74) N-amyl acetate             | 10.88 | 43   | 677262   | 50.256   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 466394   | 46.548   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 439972m  | 45.931   | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 377560   | 48.089   | ug/l   | 96       |
| 78) n-propylbenzene            | 11.35 | 91   | 1615718  | 50.099   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.41 | 91   | 960872   | 48.224   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 1189315  | 50.955   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 154872   | 43.667   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 1134847  | 47.910   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 1159112  | 50.322   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 1194975  | 50.077   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 1327436  | 50.677   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 1231485  | 51.182   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 638571   | 46.325   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 641814   | 46.502   | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.37 | 91   | 1070629  | 48.752   | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 245328   | 51.824   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 624603   | 48.137   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 126837   | 50.628   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene     | 13.63 | 180  | 416575   | 48.145   | ug/l   | 99       |

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Operator : JC/SP  
Sample : L3827-02MS  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
789UMR-DSP01-01MS

Manual Integrations  
APPROVED

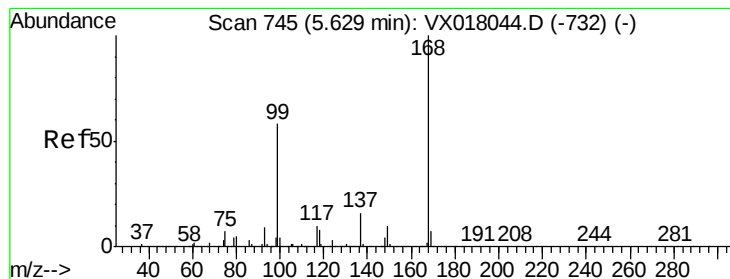
MMDadoda  
8/31/2020 8:57:47 AM

Quant Time: Aug 29 04:27:22 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 21 03:03:56 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 94) Hexachlorobutadiene    | 13.77 | 225  | 166804   | 48.875 | ug/l  | 97       |
| 95) Naphthalene            | 13.82 | 128  | 1458978  | 51.236 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 419468   | 49.063 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion:168 Resp: 541343

Ion Ratio Lower Upper

168 100

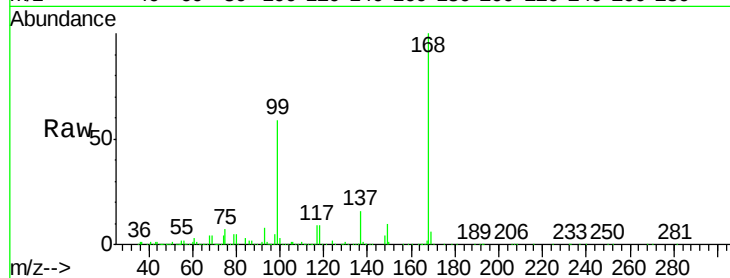
99 58.4 46.3 69.5

Manual Integrations

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8/31/2020 8:57:47 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

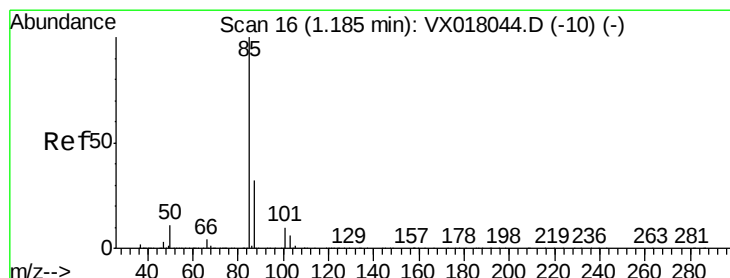
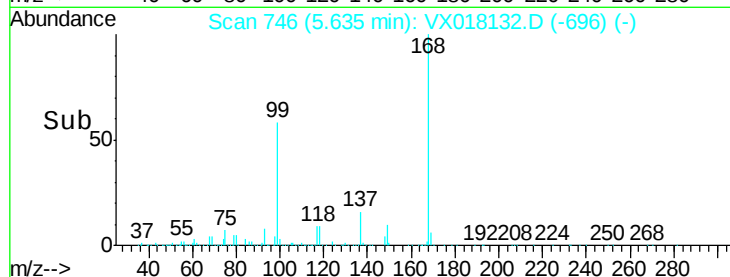
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.050 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018132.D

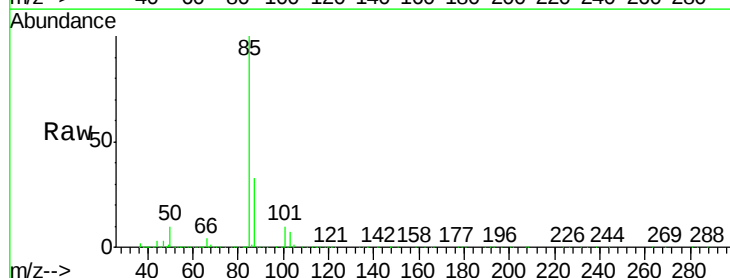
Acq: 28 Aug 2020 19:43

Tgt Ion: 85 Resp: 323284

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

400000

300000

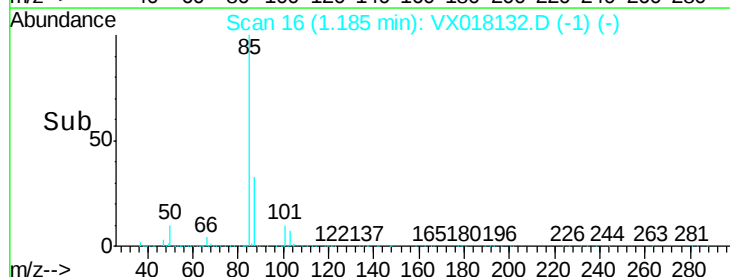
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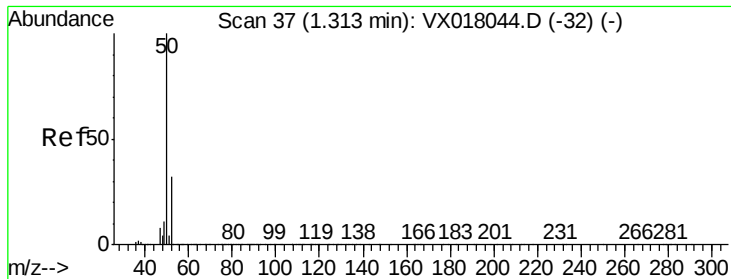
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0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 46.117 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion: 50 Resp: 320457

Ion Ratio Lower Upper

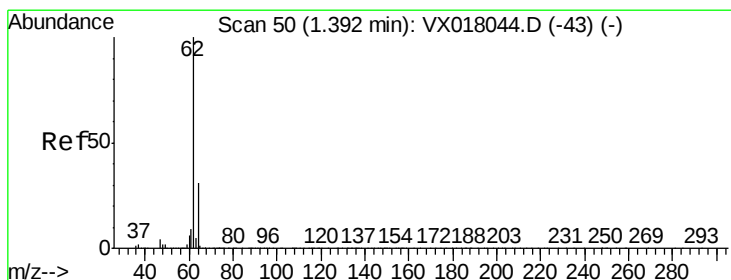
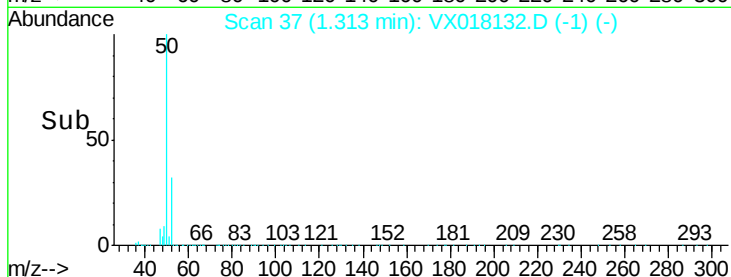
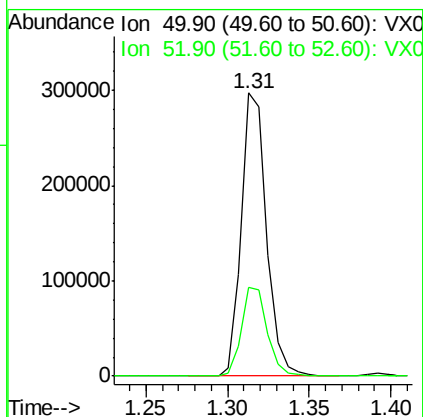
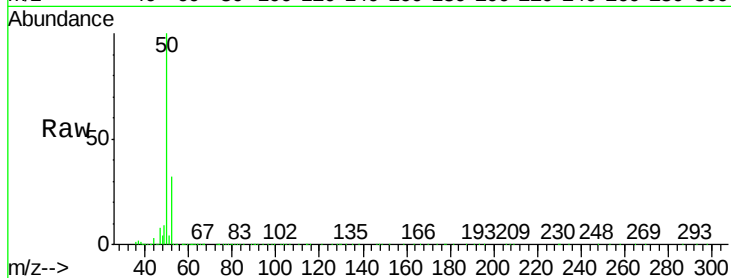
50 100

52 31.6 25.4 38.2

Manual Integrations  
APPROVED

MMDadoda

8/31/2020 8:57:47 AM



#4

Vinyl Chloride

Concen: 45.237 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018132.D

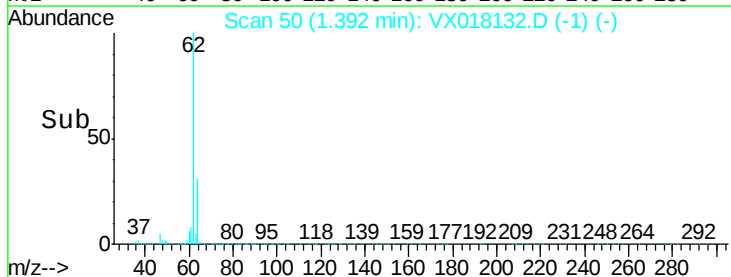
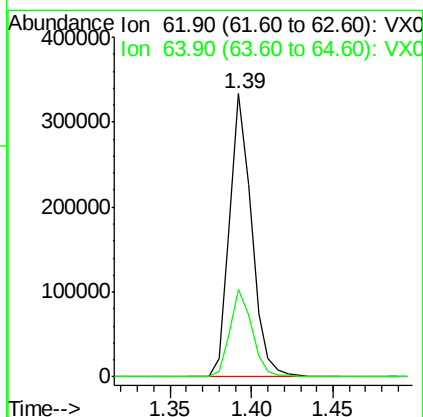
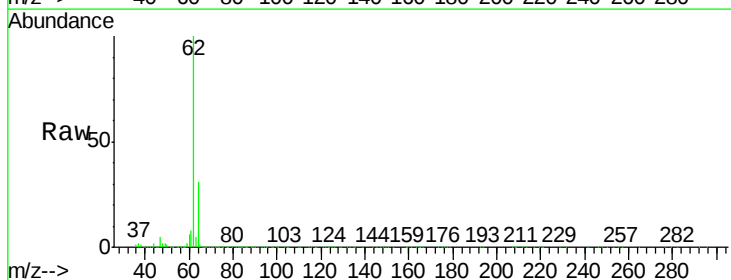
Acq: 28 Aug 2020 19:43

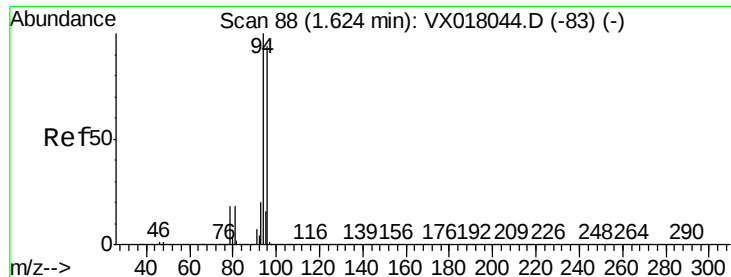
Tgt Ion: 62 Resp: 312913

Ion Ratio Lower Upper

62 100

64 30.8 25.1 37.7





#5

Bromomethane

Concen: 49.983 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion: 94 Resp: 166761

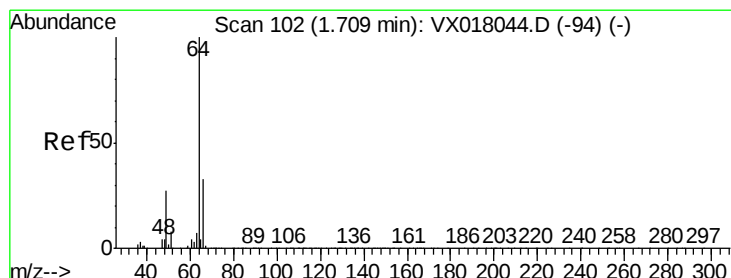
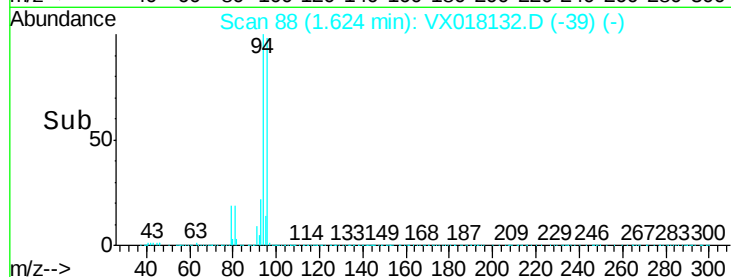
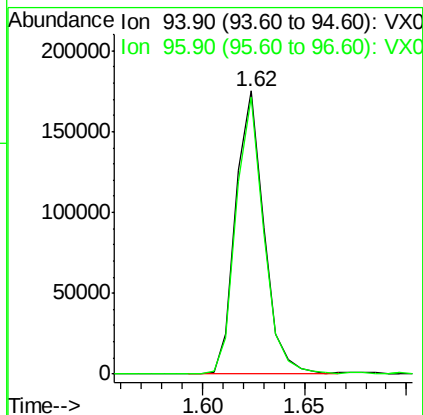
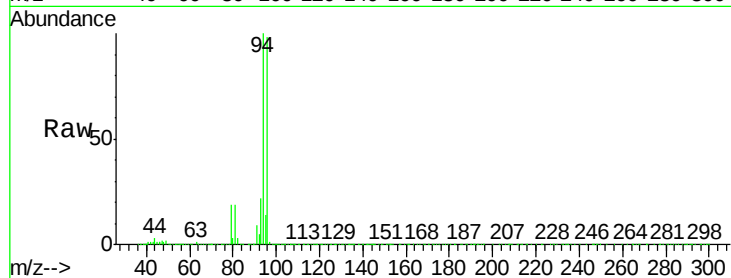
Ion Ratio Lower Upper

94 100

96 97.9 74.8 112.2

Manual Integrations  
APPROVED

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8/31/2020 8:57:47 AM



#6

Chloroethane

Concen: 47.355 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018132.D

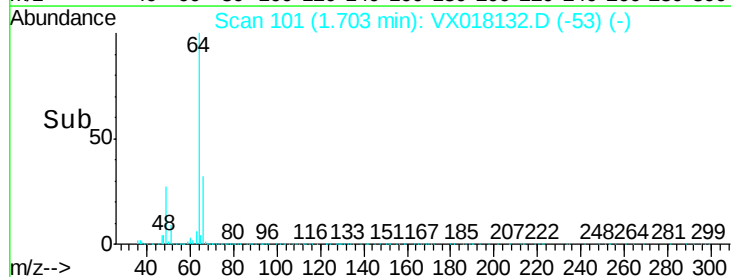
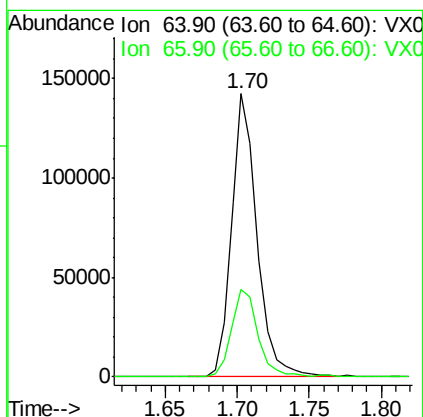
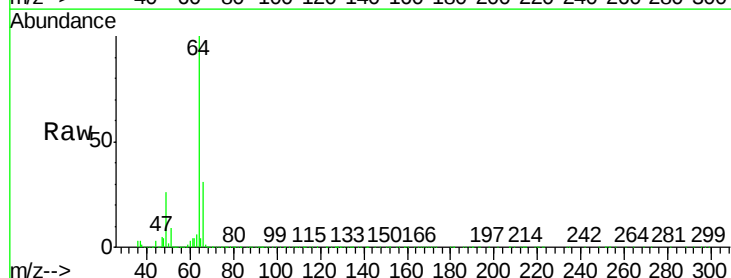
Acq: 28 Aug 2020 19:43

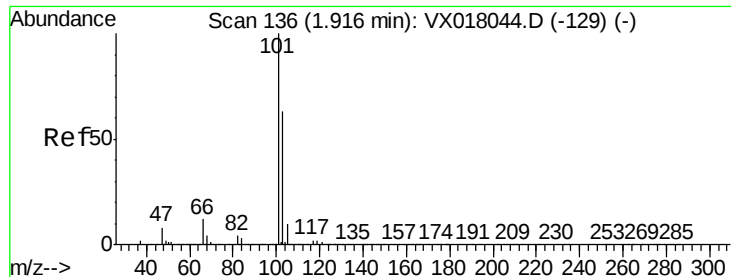
Tgt Ion: 64 Resp: 175934

Ion Ratio Lower Upper

64 100

66 30.9 26.6 39.8





#7

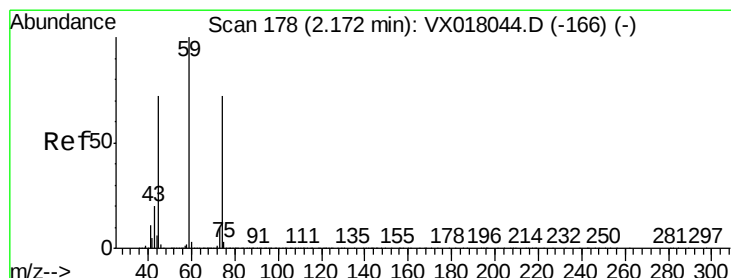
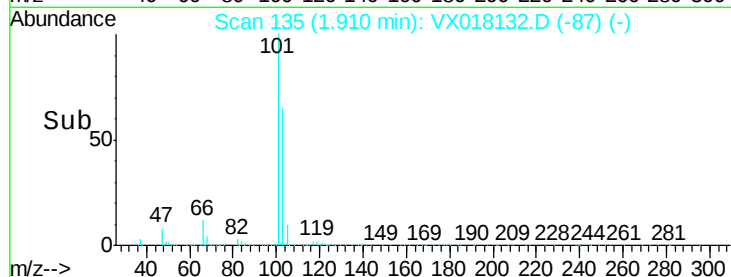
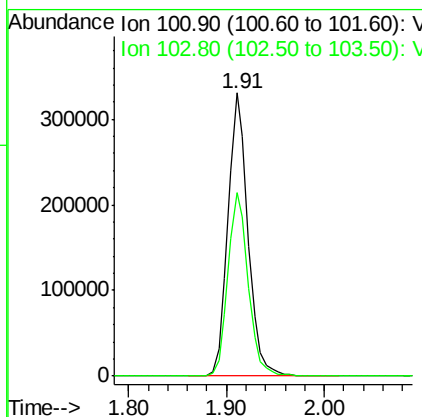
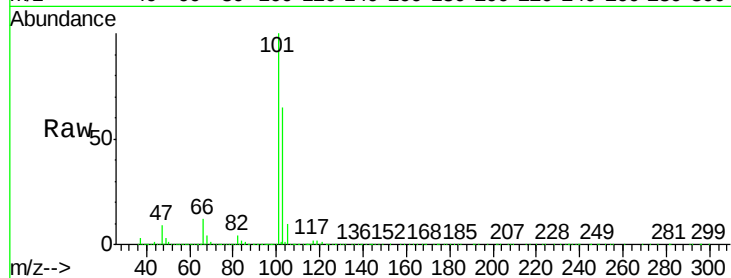
Trichlorofluoromethane  
Concen: 49.744 ug/l  
RT: 1.91 min Scan# 135  
Delta R.T. -0.01 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
789UMR-DSP01-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.7  | 50.7  | 76.1  |

Manual Integrations  
APPROVED

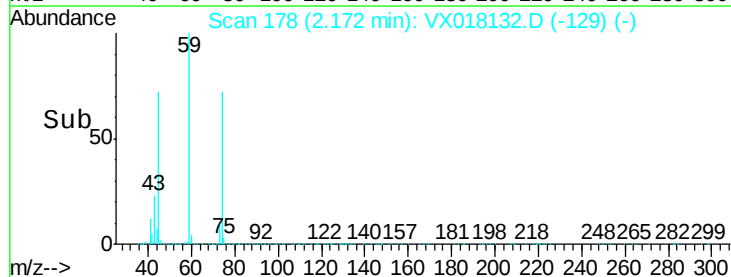
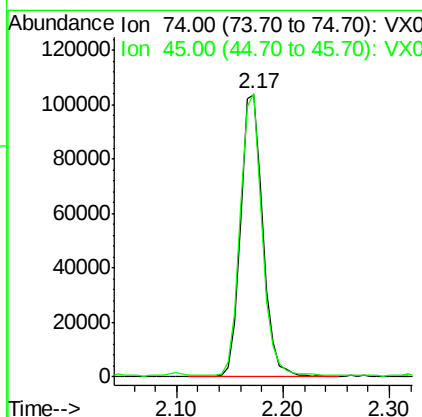
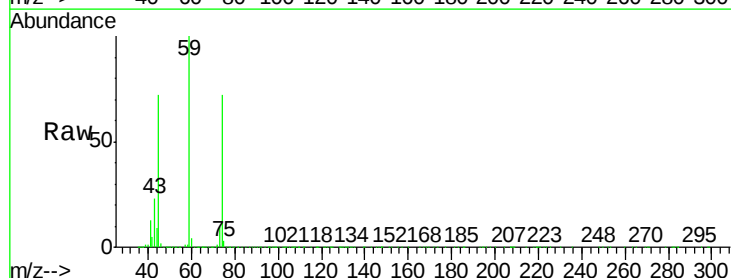
MMDadoda  
8/31/2020 8:57:47 AM

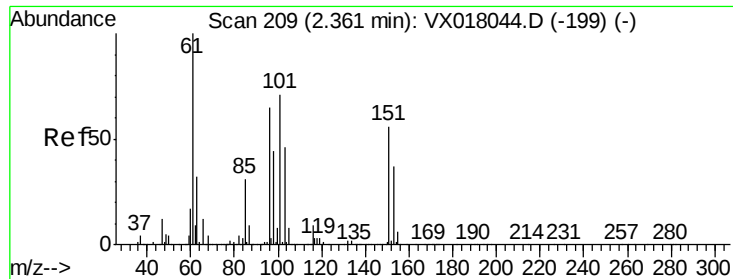


#8

Diethyl Ether  
Concen: 47.486 ug/l  
RT: 2.17 min Scan# 178  
Delta R.T. -0.00 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 98.3  | 50.7  | 152.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.347 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

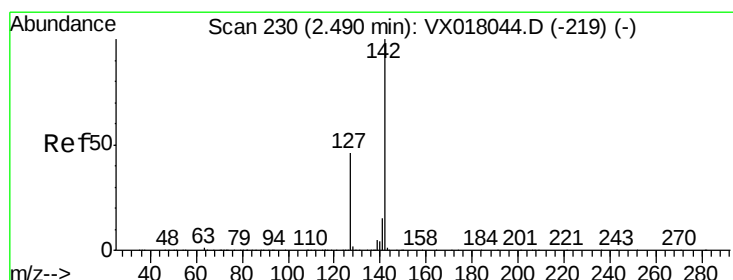
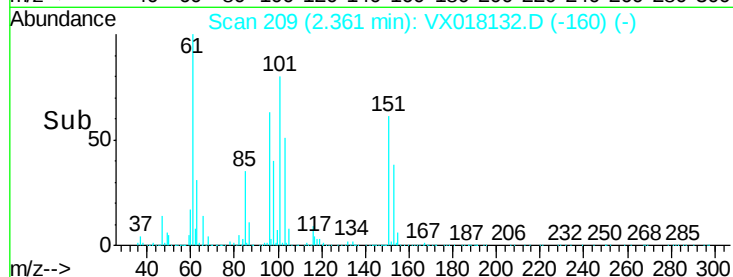
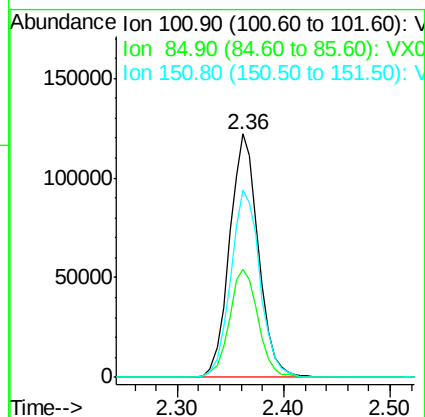
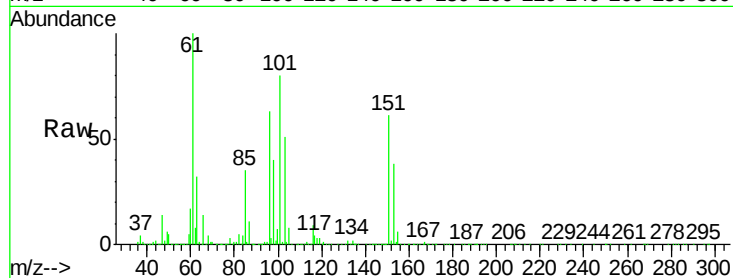
ClientSampleId :

789UMR-DSP01-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 231232 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.3  | 34.0  | 51.0   |
| 151       | 78.4  | 65.2  | 97.8   |

Manual Integrations  
APPROVED

MMDadoda  
8/31/2020 8:57:47 AM



#10

Methyl Iodide

Concen: 47.416 ug/l

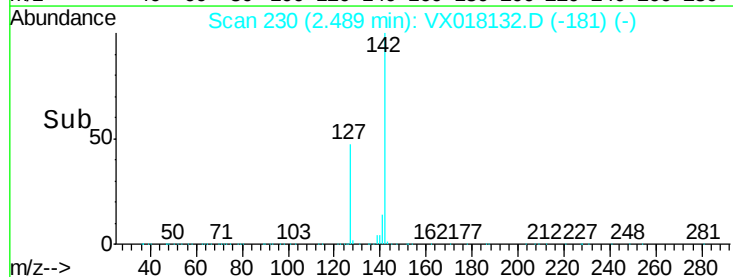
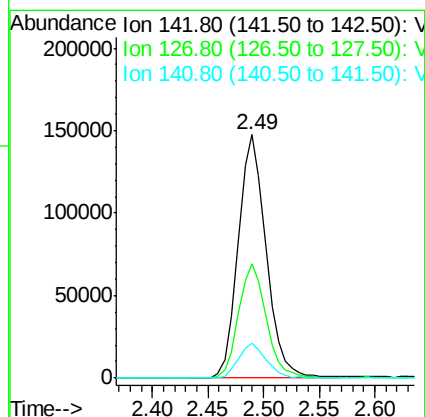
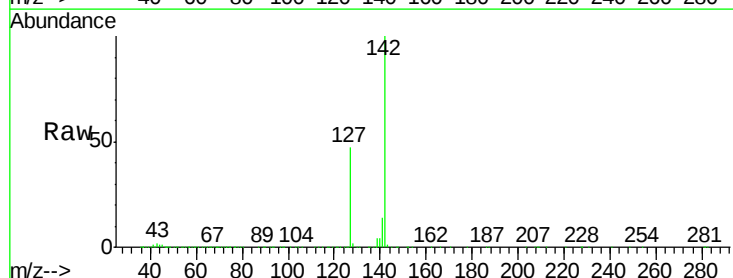
RT: 2.49 min Scan# 230

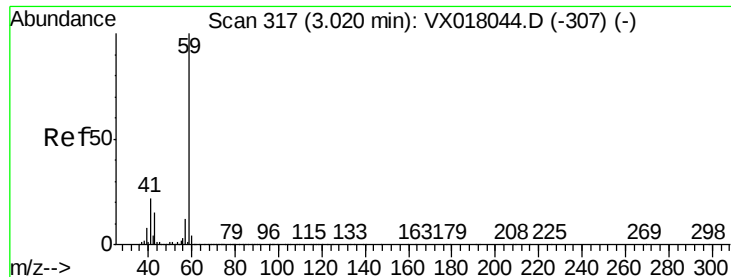
Delta R.T. 0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 257015 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 47.0  | 37.0  | 55.6   |
| 141       | 14.4  | 11.5  | 17.3   |





#11

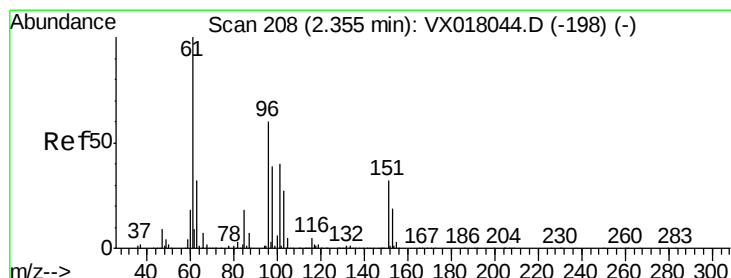
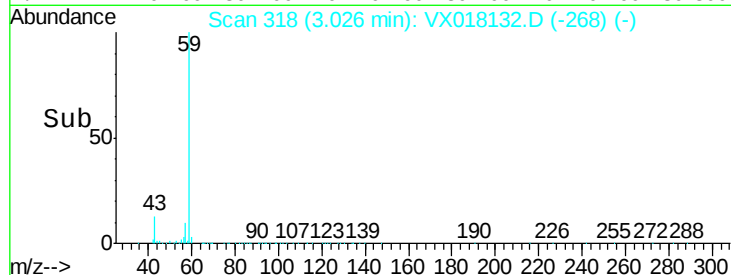
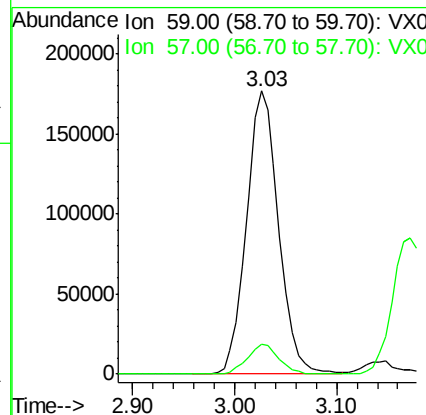
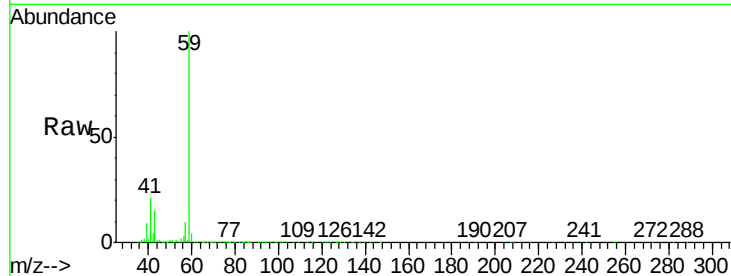
Tert butyl alcohol  
Concen: 263.439 ug/l  
RT: 3.03 min Scan# 318  
Delta R.T. 0.01 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
789UMR-DSP01-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.4  | 8.9   | 13.3  |

Manual Integrations  
APPROVED

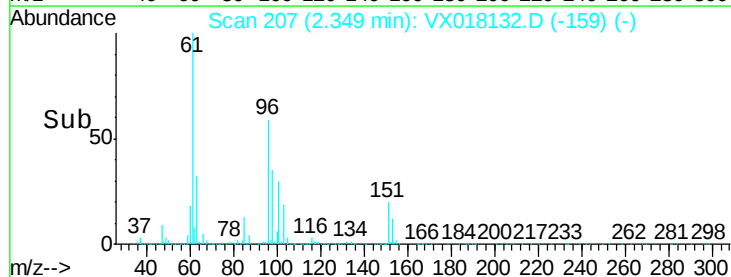
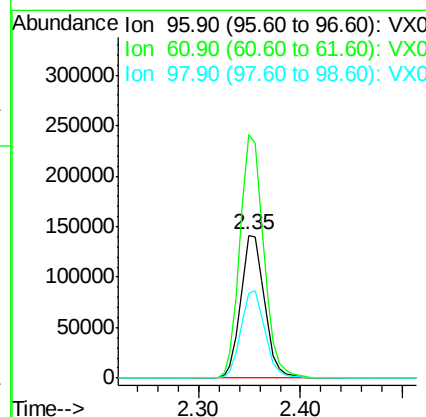
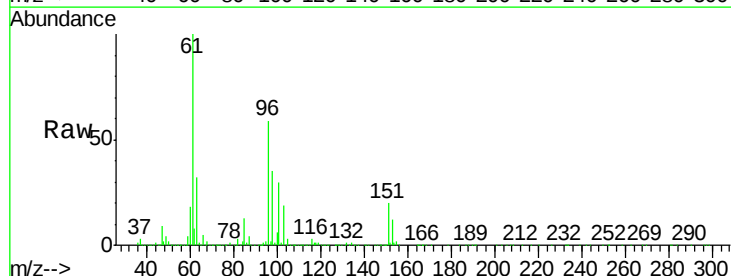
MMDadoda  
8/31/2020 8:57:47 AM

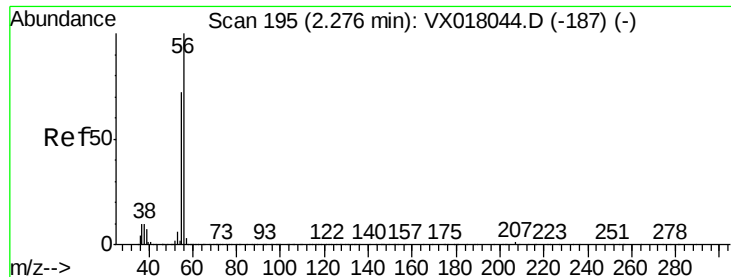


#12

1,1-Dichloroethene  
Concen: 42.745 ug/l  
RT: 2.35 min Scan# 207  
Delta R.T. -0.01 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 170.4 | 133.0 | 199.4 |
| 98      | 59.0  | 51.6  | 77.4  |





#13

Acrolein

Concen: 320.068 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion: 56 Resp: 193926

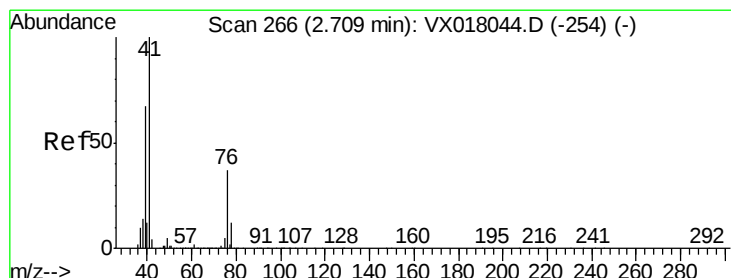
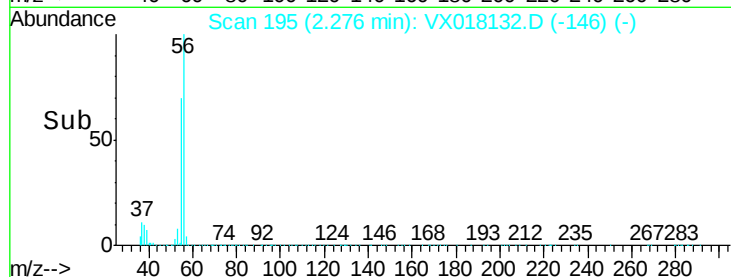
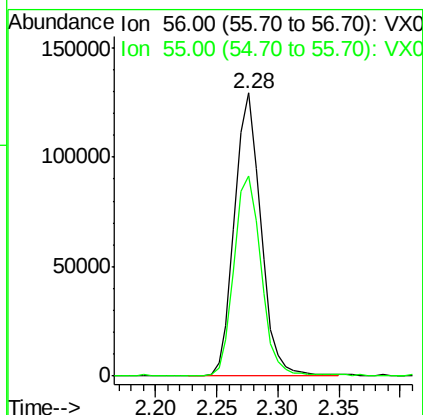
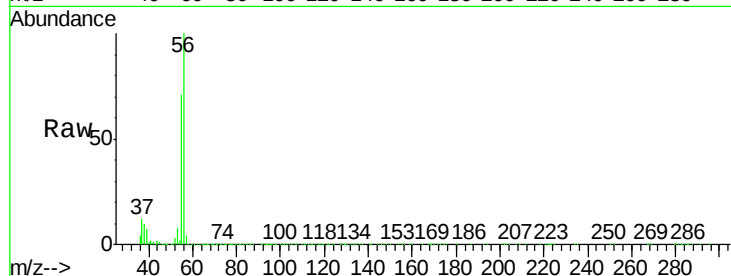
Ion Ratio Lower Upper

56 100

55 71.9 57.0 85.6

Manual Integrations  
APPROVED

MMDadoda  
8/31/2020 8:57:47 AM



#14

Allyl chloride

Concen: 47.017 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

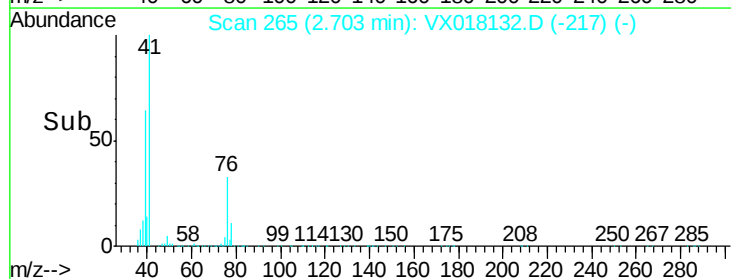
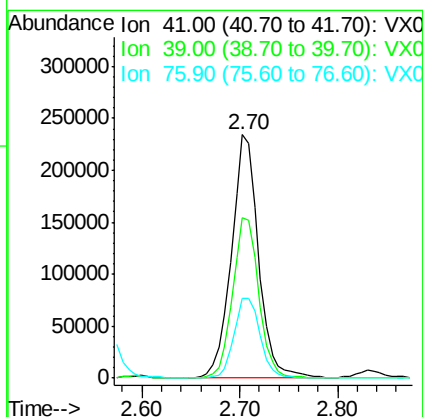
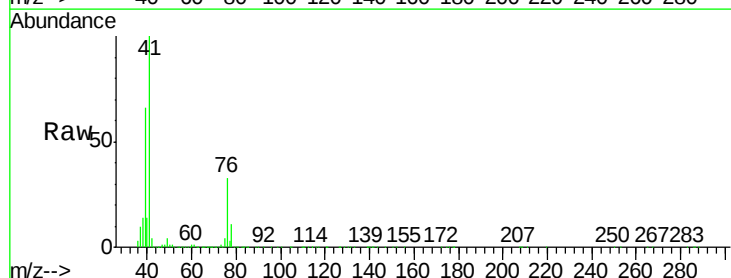
Tgt Ion: 41 Resp: 446883

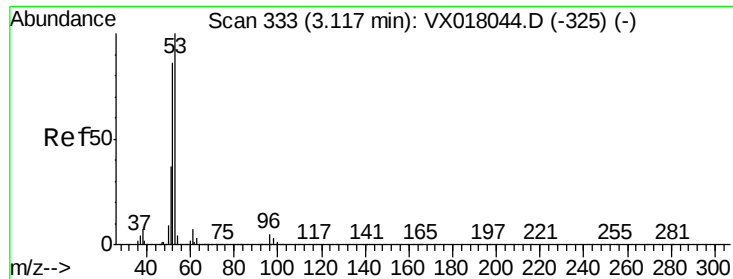
Ion Ratio Lower Upper

41 100

39 63.8 50.6 76.0

76 31.8 26.2 39.2





#15

Acrylonitrile

Concen: 259.750 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

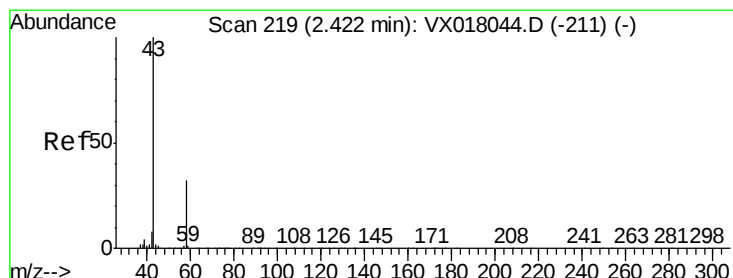
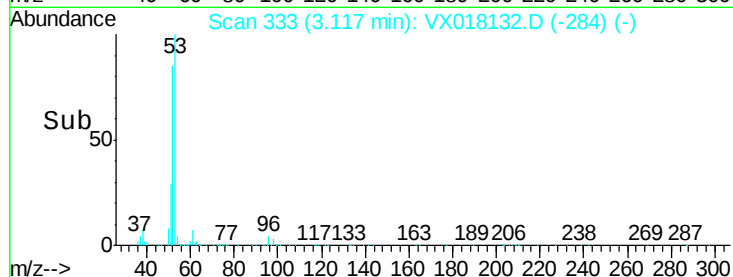
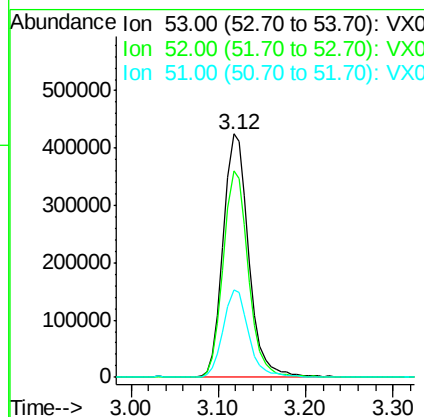
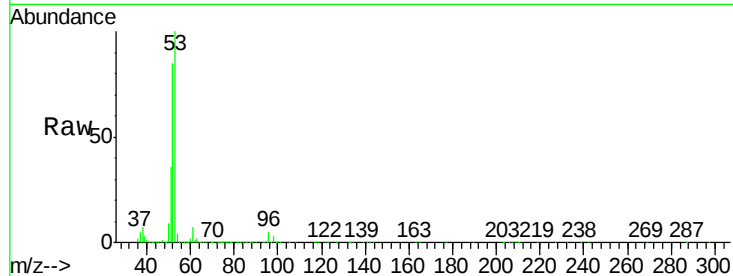
ClientSampleId :

789UMR-DSP01-01MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 860977 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.8  | 66.9  | 100.3  |
| 51       | 35.9  | 28.7  | 43.1   |

Manual Integrations  
APPROVED

MMDadoda  
8/31/2020 8:57:47 AM



#16

Acetone

Concen: 299.878 ug/l

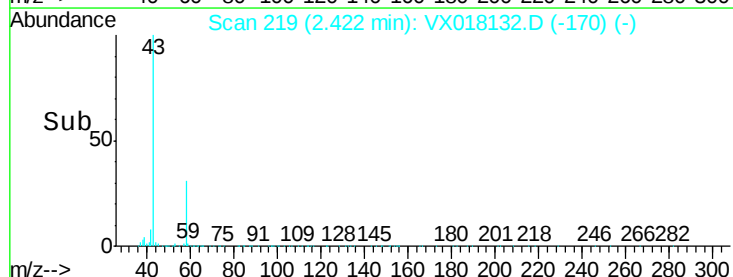
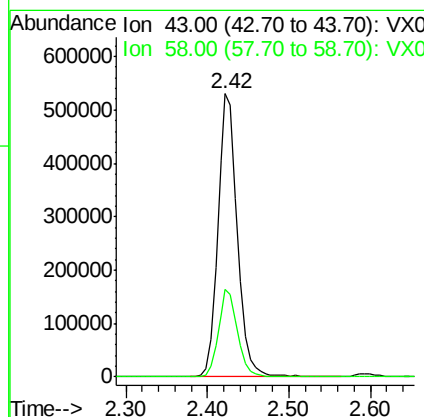
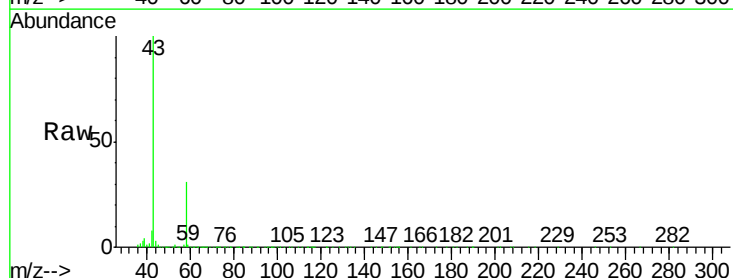
RT: 2.42 min Scan# 219

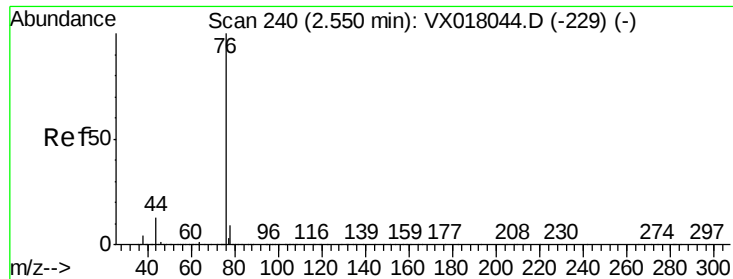
Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 878161 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 31.0  | 25.5  | 38.3   |





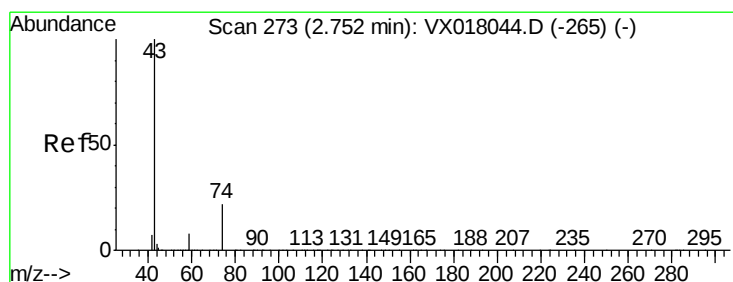
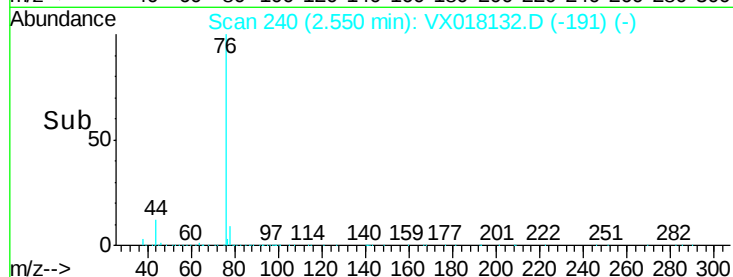
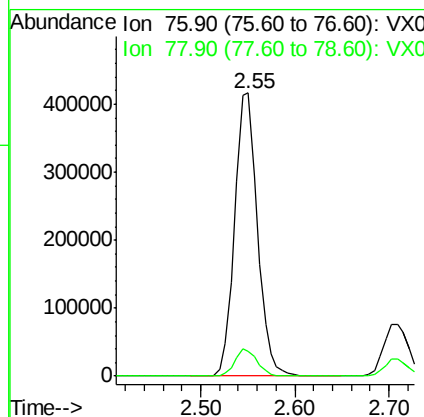
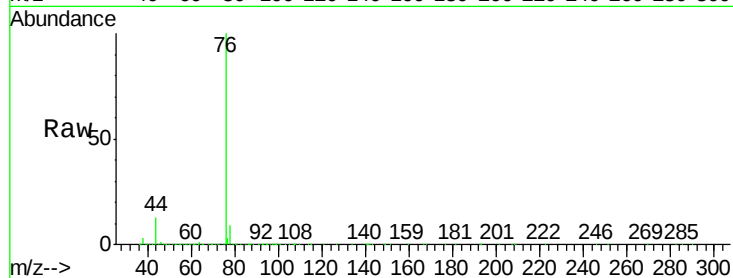
#17  
Carbon Disulfide  
Concen: 43.805 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. -0.00 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
789UMR-DSP01-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.7   | 7.4   | 11.0  |

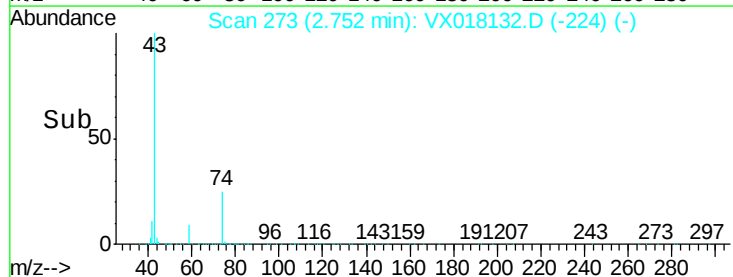
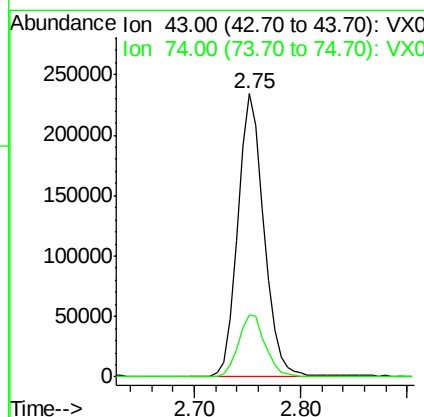
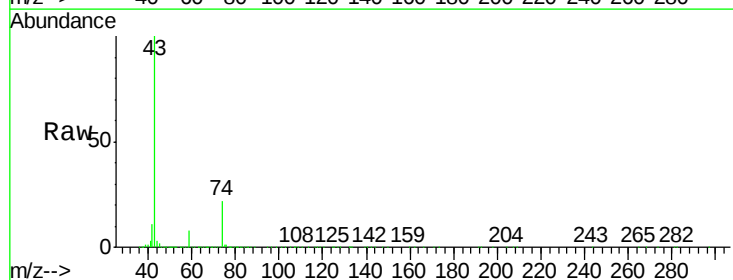
Manual Integrations  
APPROVED

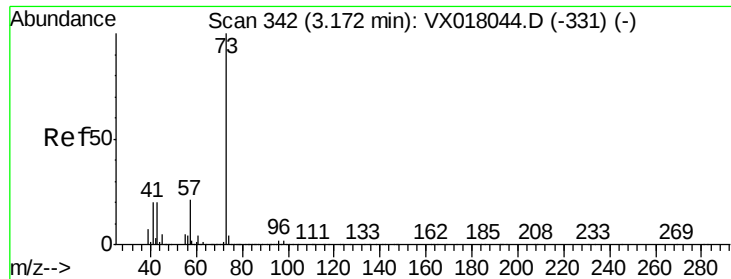
MMDadoda  
8/31/2020 8:57:47 AM



#18  
Methyl Acetate  
Concen: 56.835 ug/l  
RT: 2.75 min Scan# 273  
Delta R.T. -0.00 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.8  | 18.2  | 27.4  |





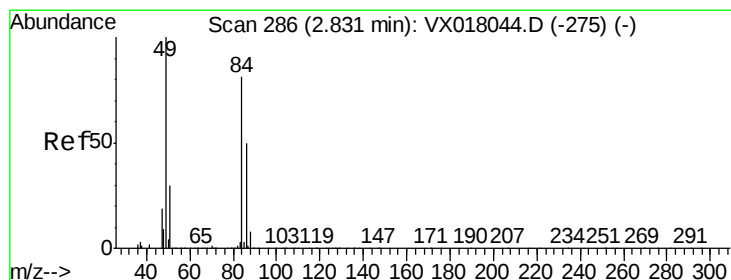
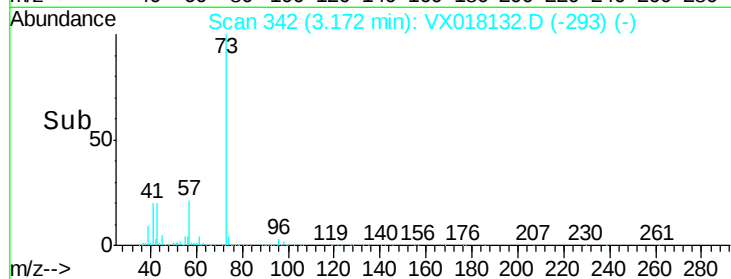
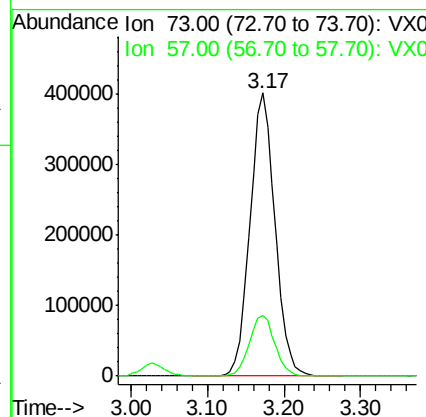
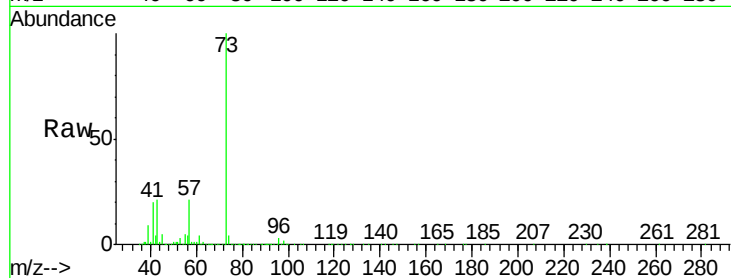
#19  
Methvl tert-butvl Ether  
Concen: 50.167 ug/l  
RT: 3.17 min Scan# 342  
Delta R.T. -0.00 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
789UMR-DSP01-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.2  | 16.8  | 25.2  |

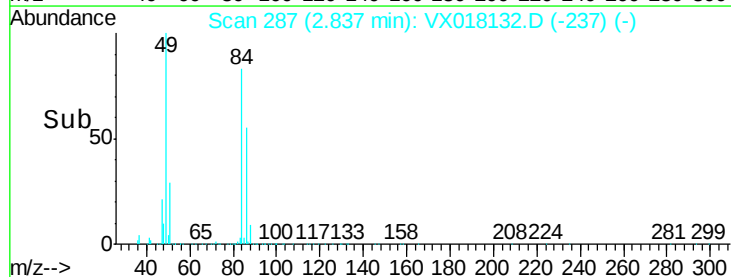
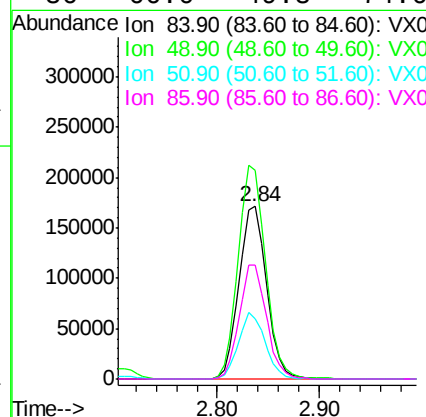
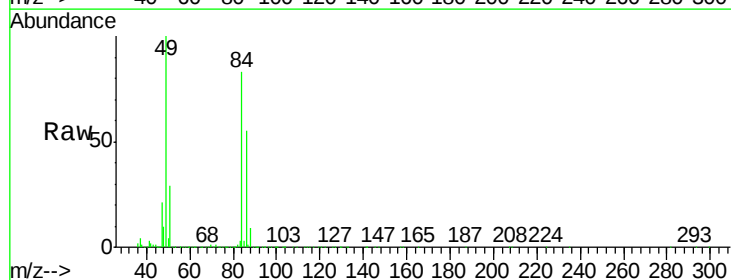
Manual Integrations  
APPROVED

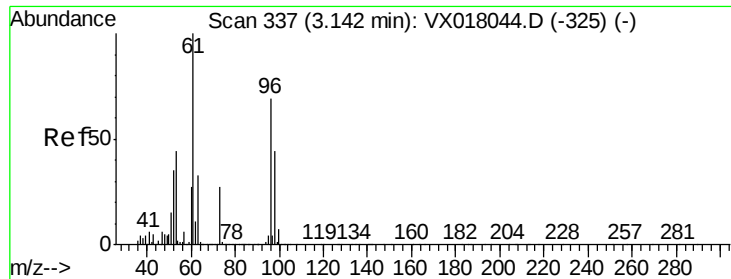
MMDadoda  
8/31/2020 8:57:47 AM



#20  
Methylene Chloride  
Concen: 53.573 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.01 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 120.8 | 98.6  | 148.0 |
| 51      | 34.6  | 29.6  | 44.4  |
| 86      | 66.0  | 49.8  | 74.6  |





#21

trans-1,2-Dichloroethene

Concen: 47.014 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

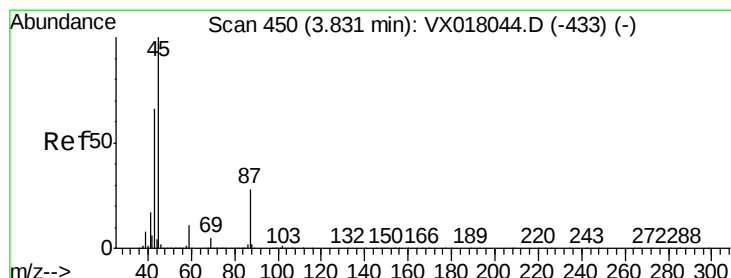
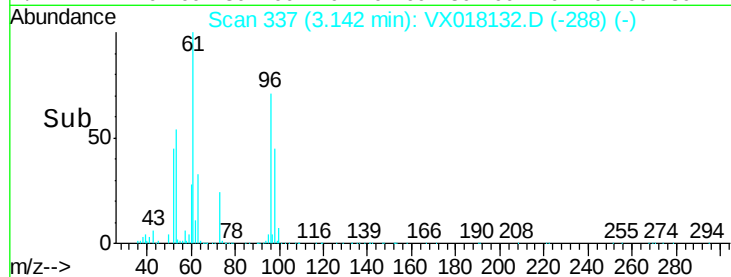
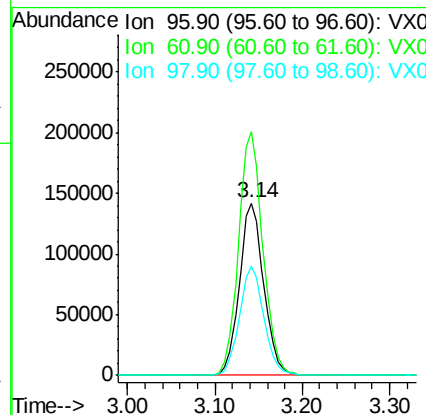
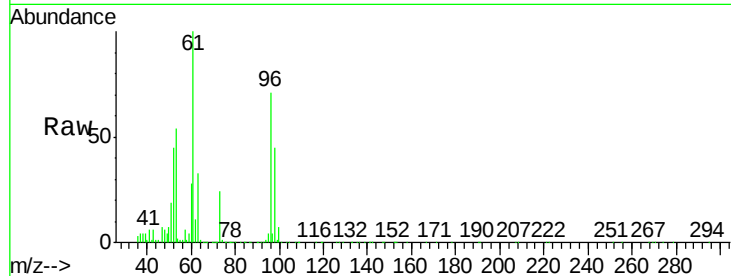
ClientSampleId :

789UMR-DSP01-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 275557 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 141.2 | 115.4 | 173.0  |
| 98        | 63.1  | 51.1  | 76.7   |

Manual Integrations  
APPROVED

MMDadoda  
8/31/2020 8:57:47 AM



#22

Diisopropyl ether

Concen: 48.730 ug/l

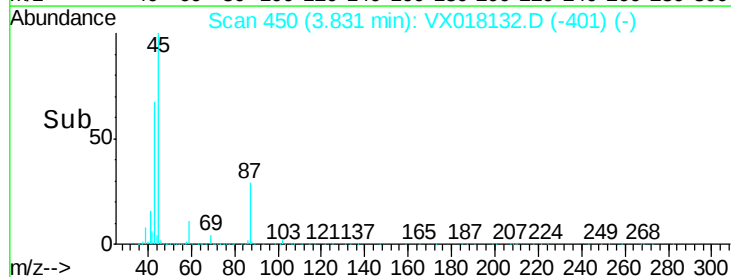
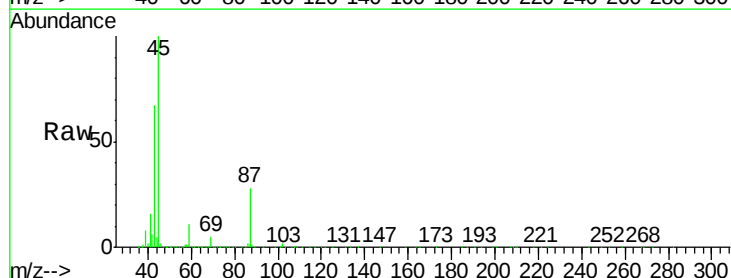
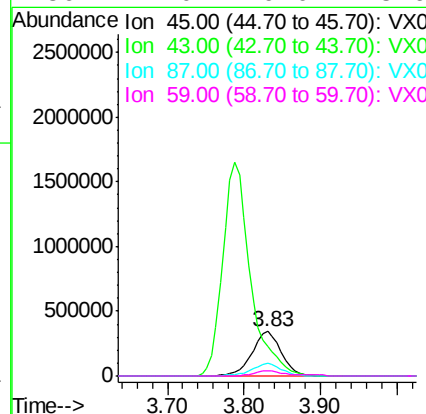
RT: 3.83 min Scan# 450

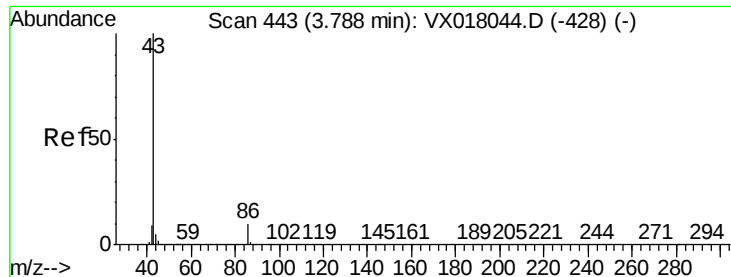
Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 914140 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 67.0  | 52.8  | 79.2   |
| 87        | 28.5  | 22.5  | 33.7   |
| 59        | 11.0  | 9.0   | 13.6   |





#23

Vinyl Acetate

Concen: 249.476 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion: 43 Resp: 4164292

Ion Ratio Lower Upper

43 100

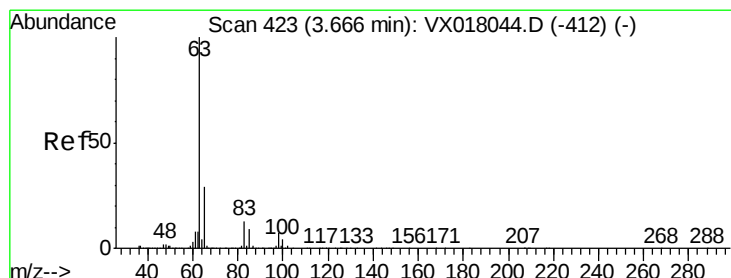
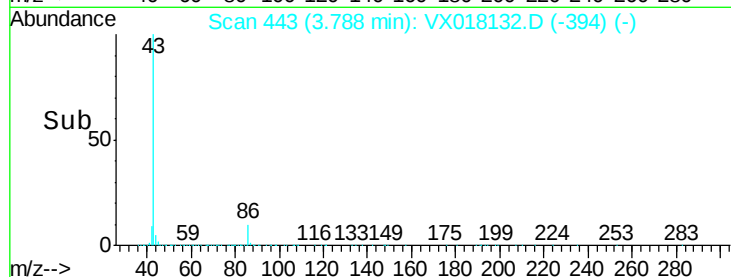
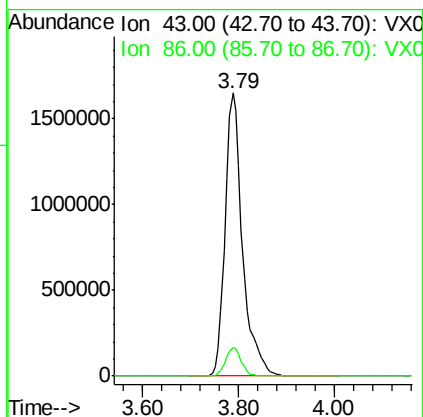
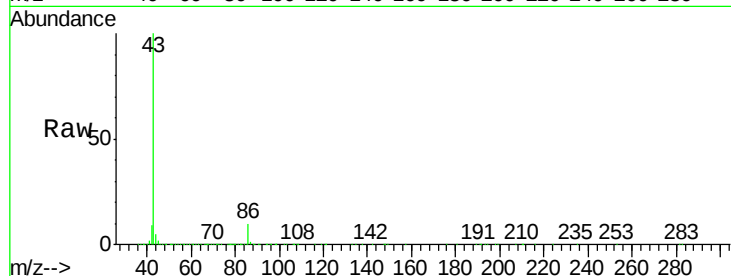
86 10.0 7.9 11.9

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 47.892 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

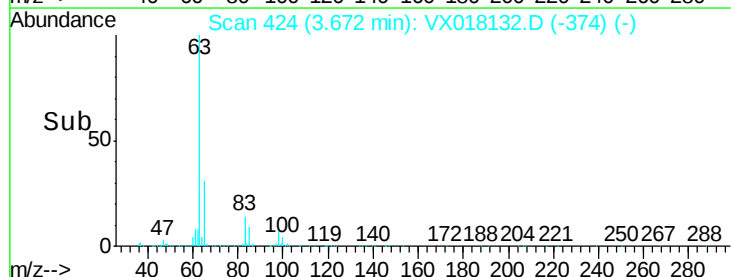
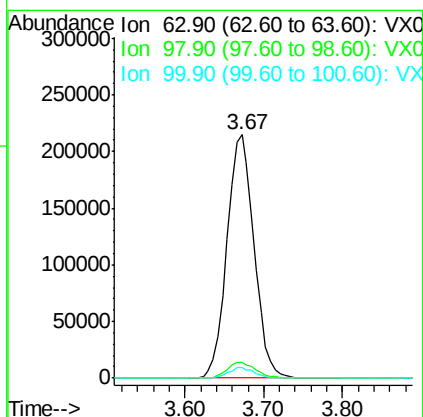
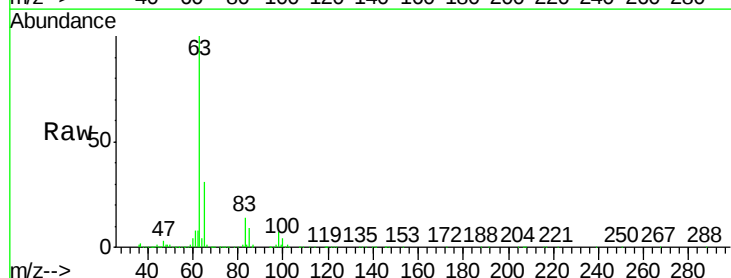
Tgt Ion: 63 Resp: 511416

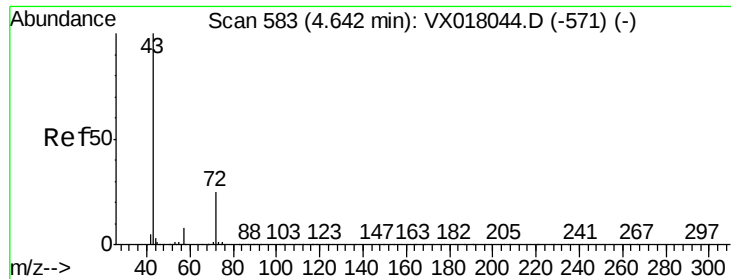
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 267.752 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion: 43 Resp: 1288608

Ion Ratio Lower Upper

43 100

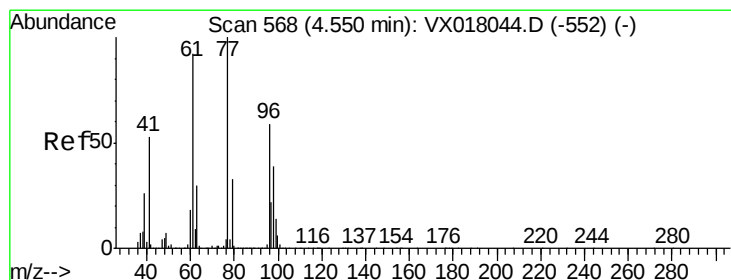
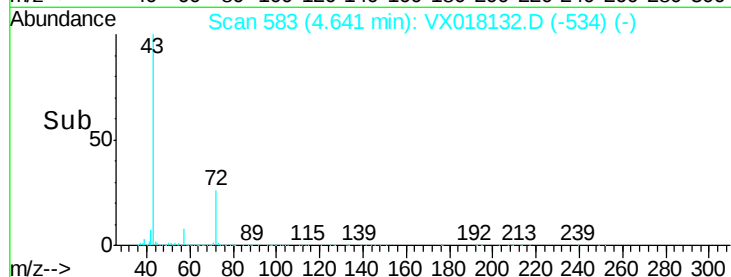
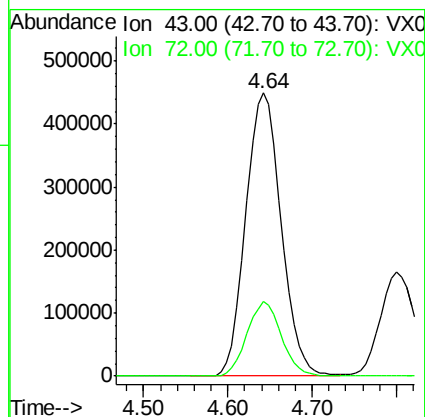
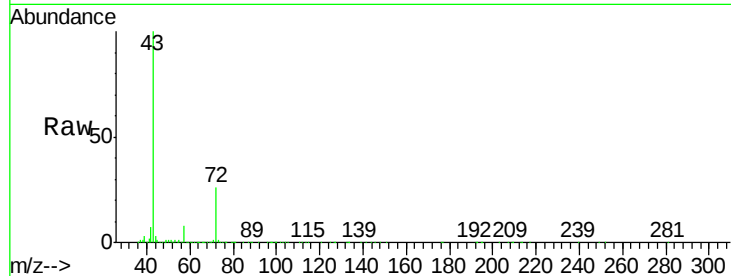
72 26.3 19.8 29.6

Manual Integrations

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8/31/2020 8:57:47 AM



#26

2,2-Dichloropropane

Concen: 39.389 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018132.D

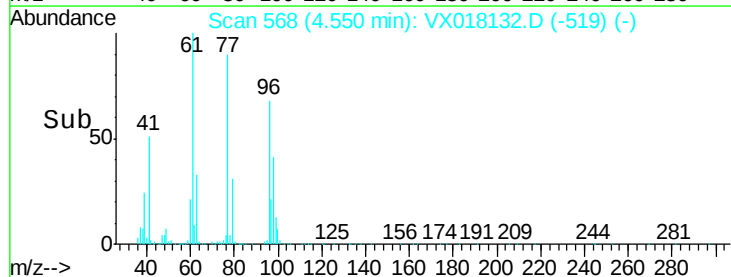
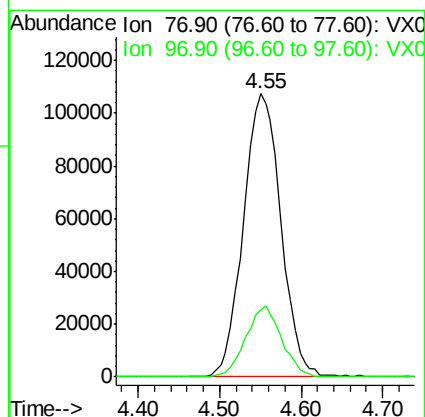
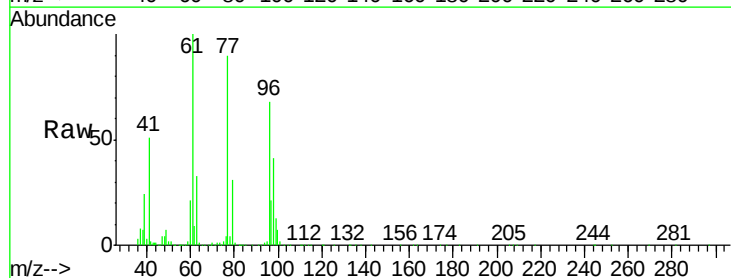
Acq: 28 Aug 2020 19:43

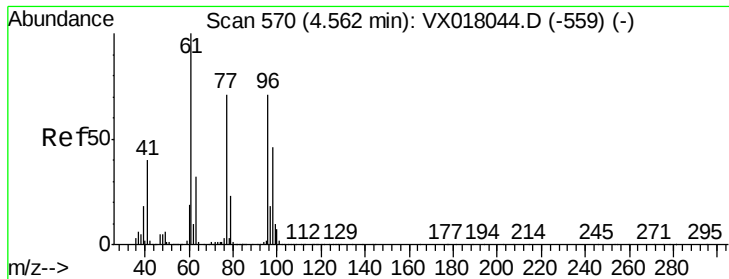
Tgt Ion: 77 Resp: 342238

Ion Ratio Lower Upper

77 100

97 24.0 11.5 34.5





#27

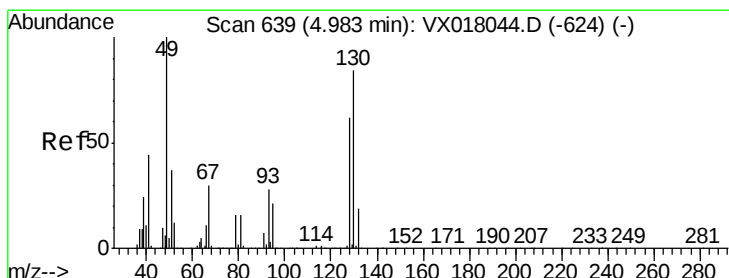
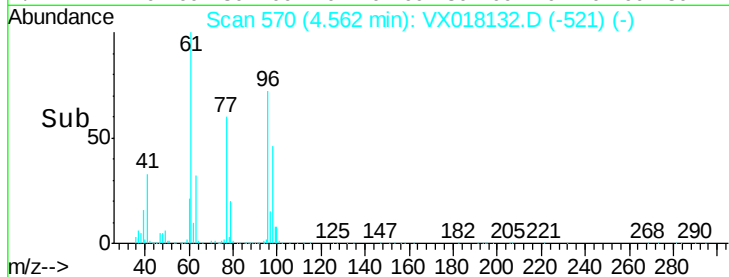
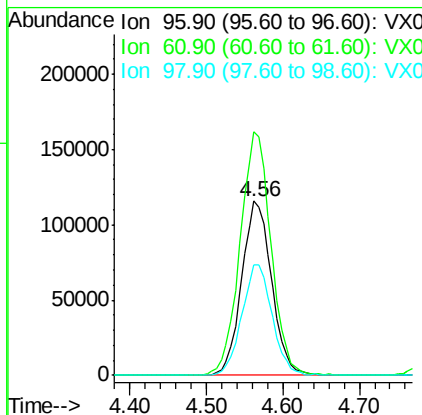
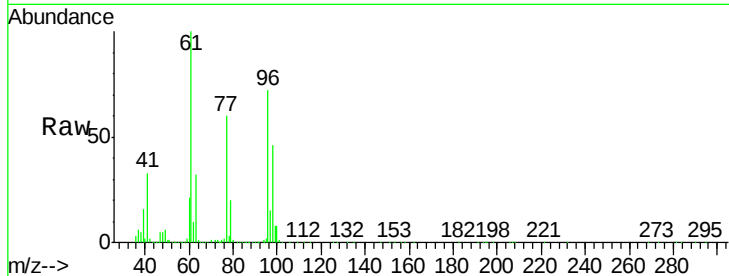
cis-1,2-Dichloroethene  
Concen: 46.700 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.00 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
789UMR-DSP01-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 315371 |       |       |
| 61      | 143.3 | 0.0    | 296.6 |       |
| 98      | 64.3  | 0.0    | 130.2 |       |

Manual Integrations  
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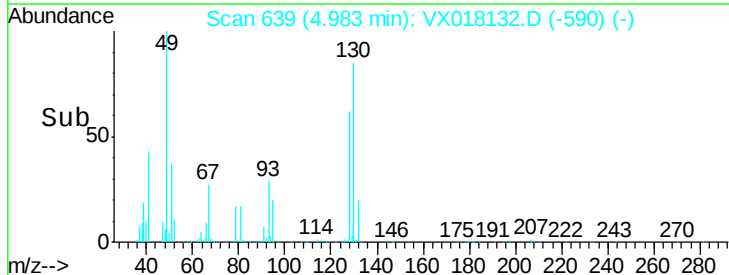
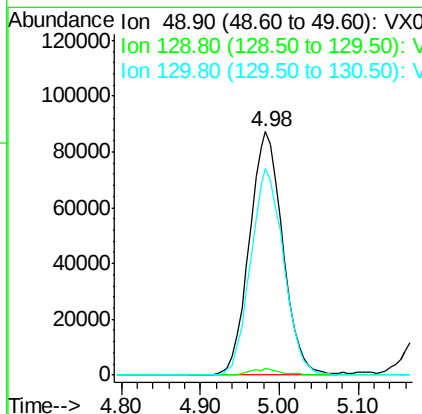
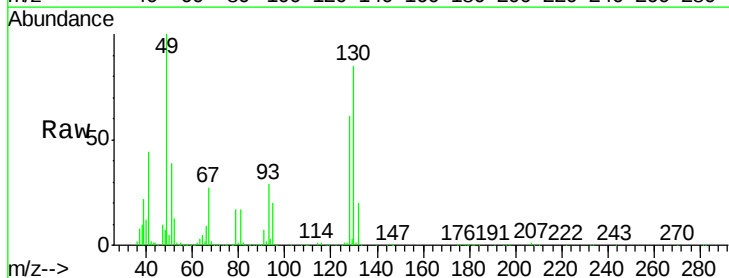
MMDadoda  
8/31/2020 8:57:47 AM

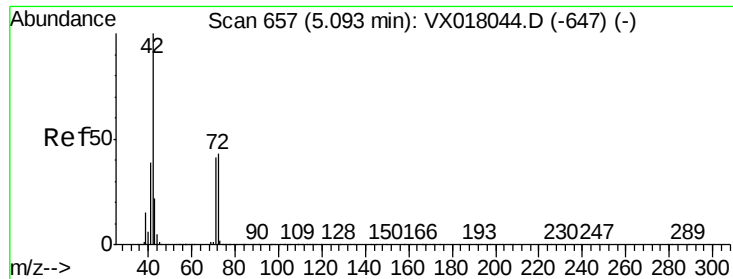


#28

Bromochloromethane  
Concen: 49.576 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. -0.00 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 255539 |       |       |
| 129     | 2.3   | 0.0    | 4.6   |       |
| 130     | 84.3  | 64.6   | 96.8  |       |





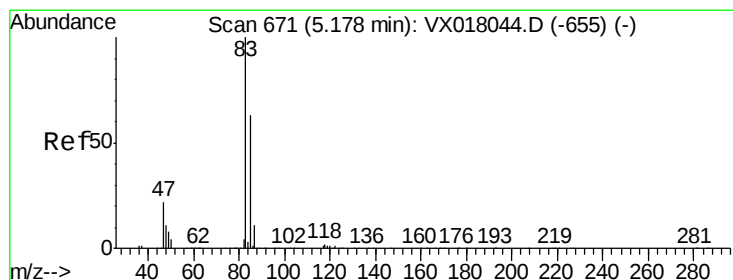
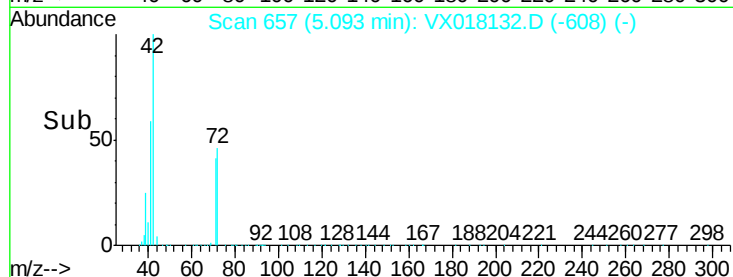
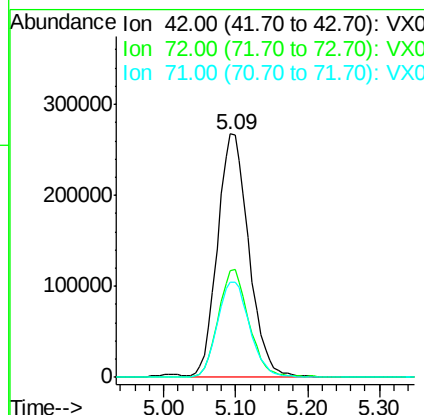
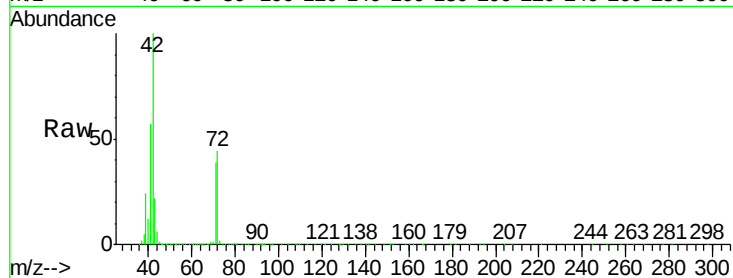
#29  
Tetrahydrofuran  
Concen: 263.192 ug/l  
RT: 5.09 min Scan# 657  
Delta R.T. -0.00 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
789UMR-DSP01-01MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 42      | 100   |      |       |       |
| 72      | 43.5  |      | 34.2  | 51.4  |
| 71      | 40.7  |      | 32.1  | 48.1  |

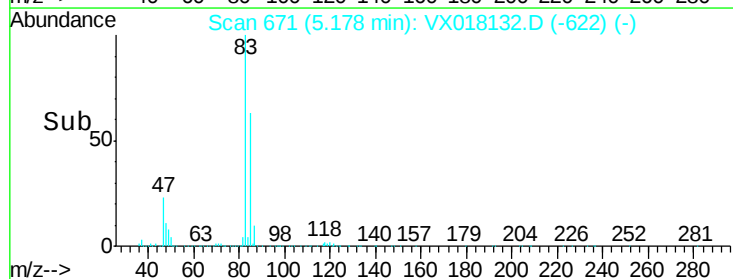
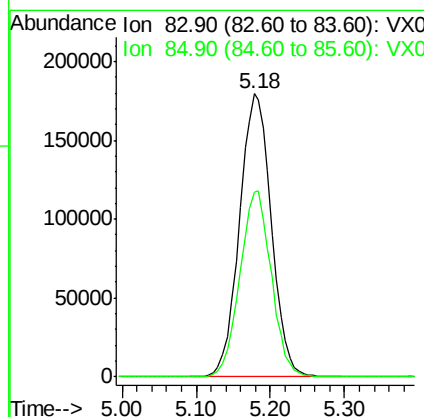
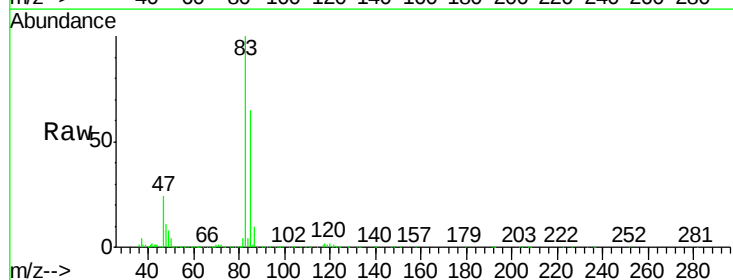
Manual Integrations  
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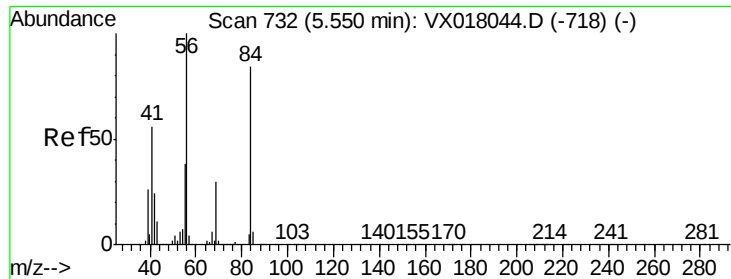
MMDadoda  
8/31/2020 8:57:47 AM



#30  
Chloroform  
Concen: 48.570 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. -0.00 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 85      | 65.1  |      | 50.7  | 76.1  |





#31

Cyclohexane

Concen: 47.018 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

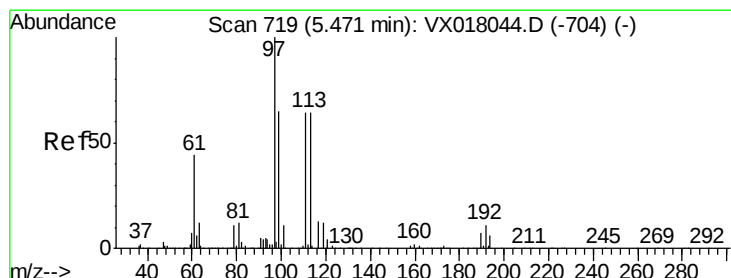
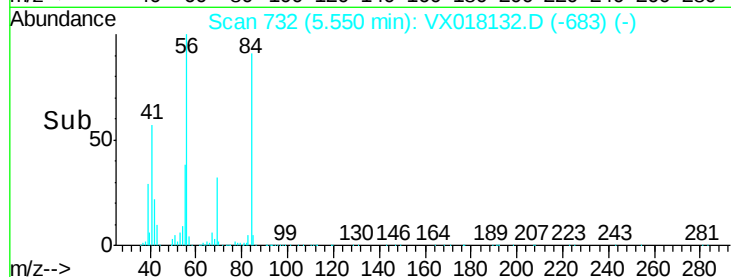
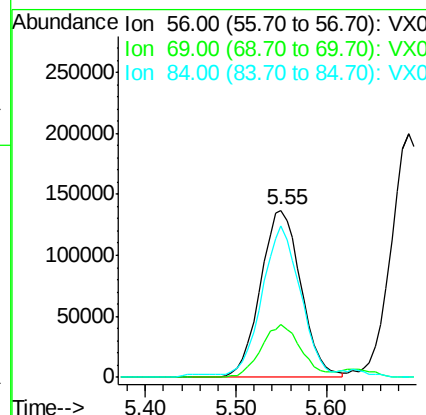
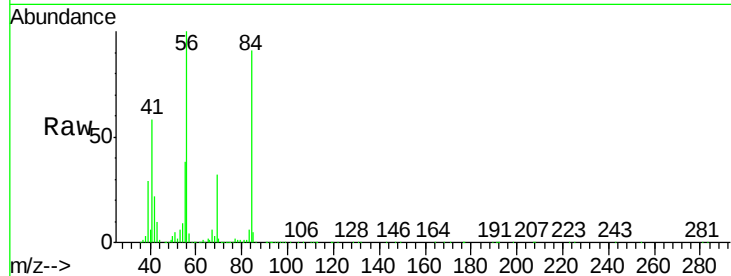
ClientSampleId :

789UMR-DSP01-01MS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 69      | 31.8 | 23.9  | 35.9  |       |
| 84      | 89.4 | 67.0  | 100.4 |       |

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MMDadoda  
8/31/2020 8:57:47 AM



#32

1,1,1-Trichloroethane

Concen: 49.020 ug/l

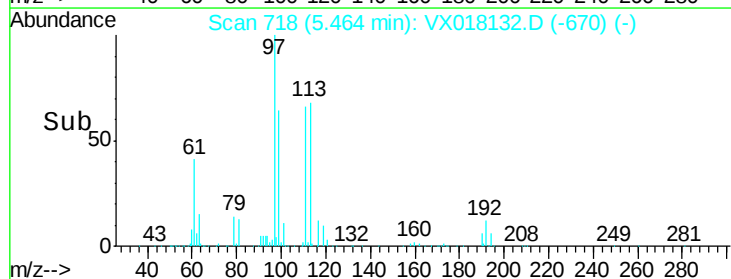
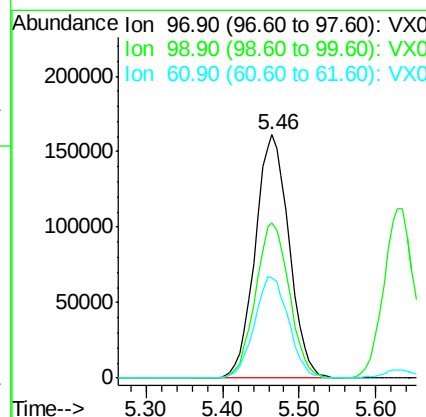
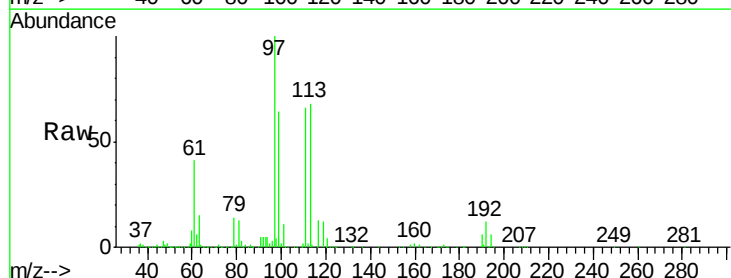
RT: 5.46 min Scan# 719

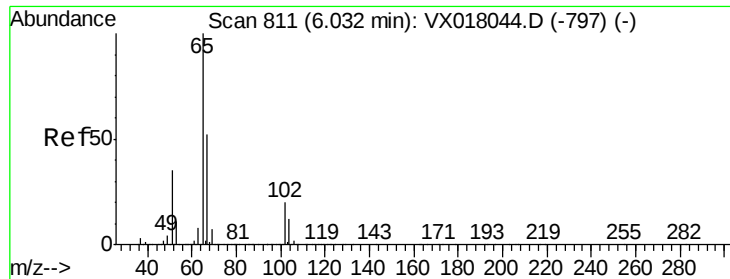
Delta R.T. -0.01 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 97      | 100  |       |       |       |
| 99      | 63.7 | 51.4  | 77.0  |       |
| 61      | 42.1 | 34.2  | 51.4  |       |





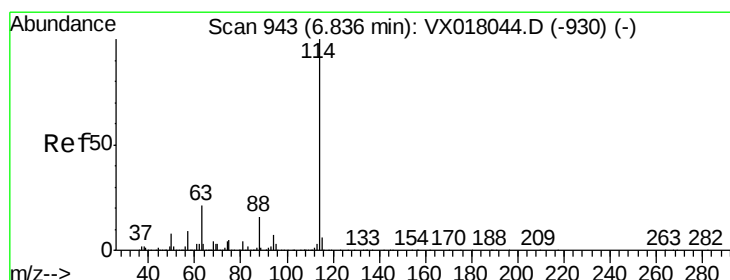
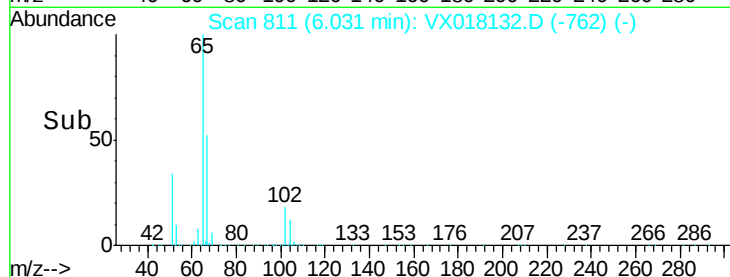
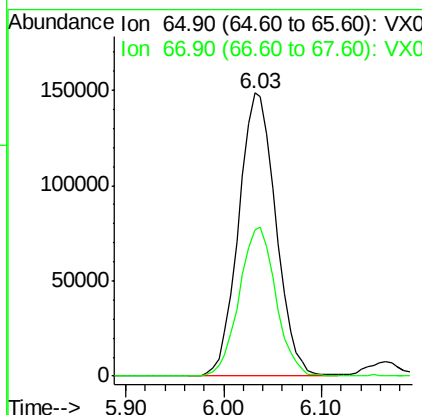
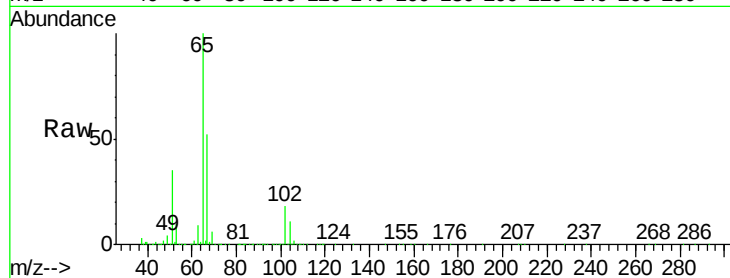
#33  
 1,2-Dichloroethane-d4  
 Concen: 52.307 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 789UMR-DSP01-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 51.5  | 0.0   | 105.8 |

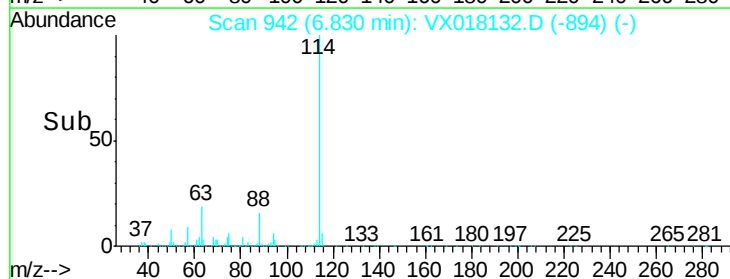
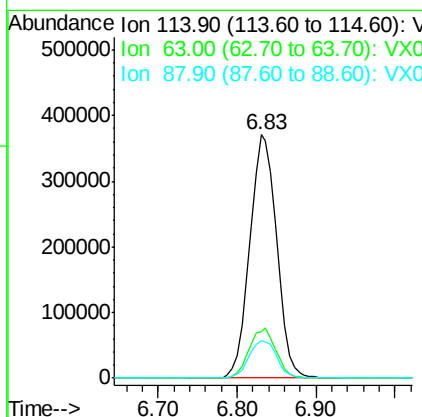
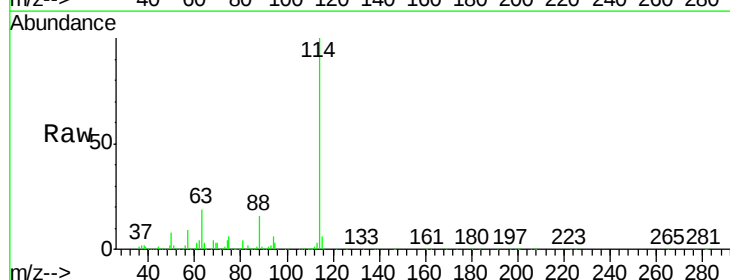
Manual Integrations  
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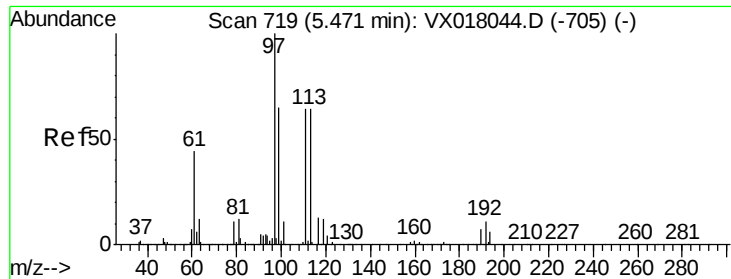
MMDadoda  
 8/31/2020 8:57:47 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. -0.01 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 19.1  | 0.0   | 42.6  |
| 88      | 15.6  | 0.0   | 31.8  |





#35

Dibromofluoromethane

Concen: 51.832 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

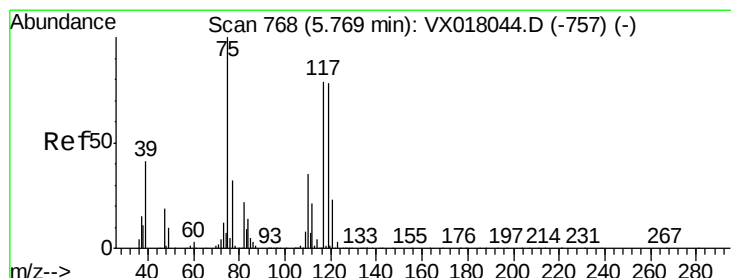
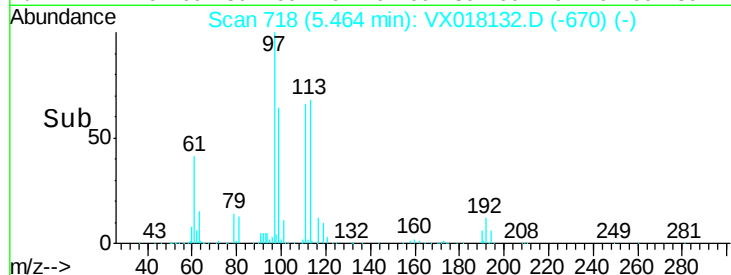
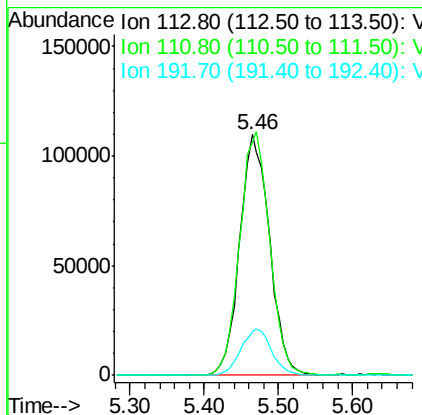
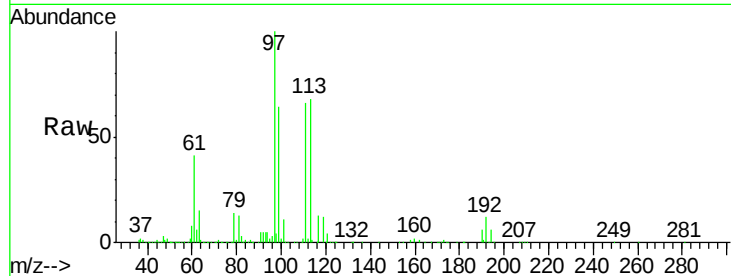
ClientSampleId :

789UMR-DSP01-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 309974 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.4 | 81.6  | 122.4  |
| 192       | 19.9  | 15.8  | 23.8   |

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8/31/2020 8:57:47 AM



#36

1,1-Dichloropropene

Concen: 47.240 ug/l

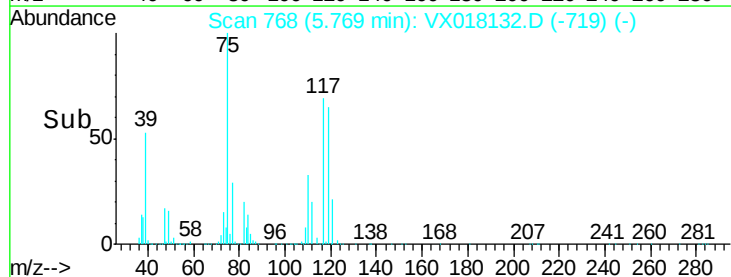
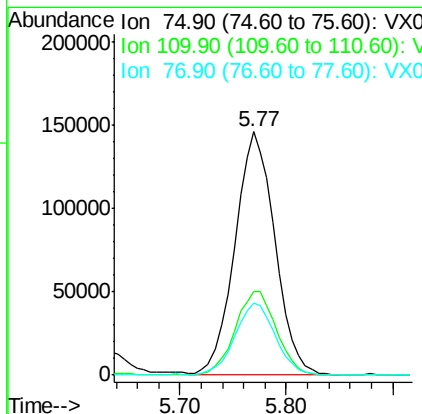
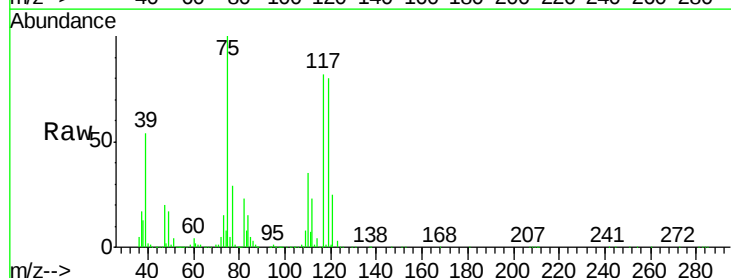
RT: 5.77 min Scan# 768

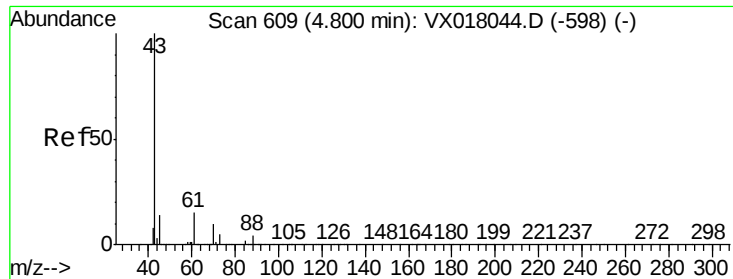
Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 382612 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 35.9  | 18.0  | 54.0   |
| 77        | 29.7  | 24.4  | 36.6   |





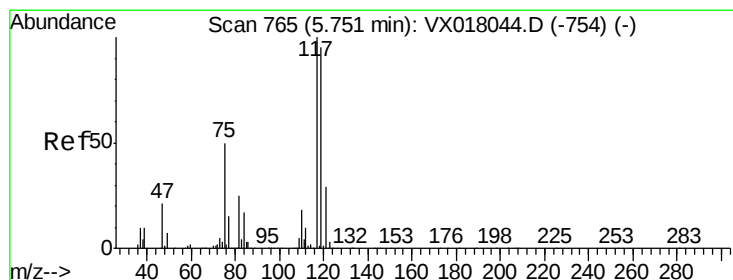
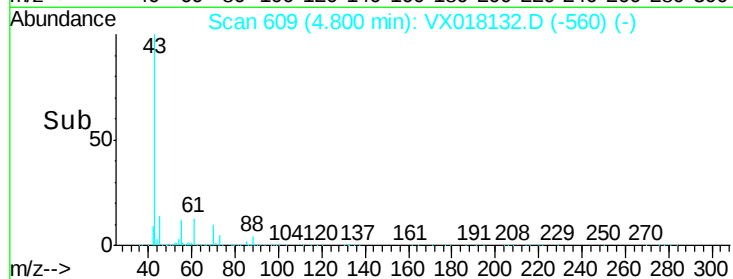
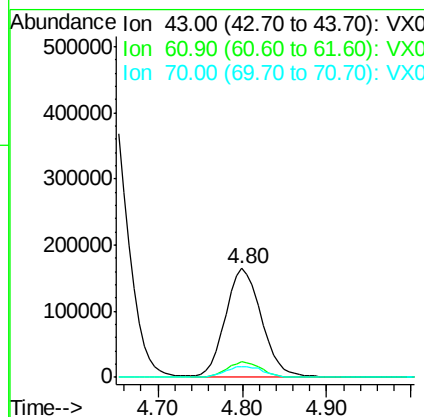
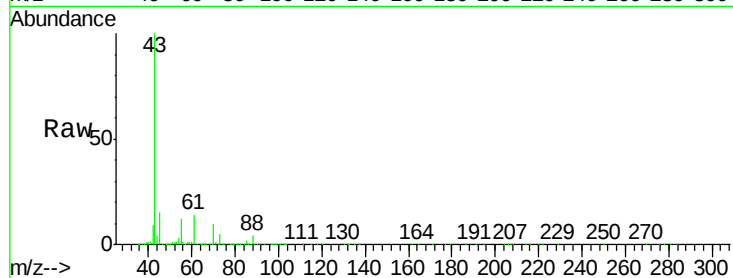
#37  
Ethyl Acetate  
Concen: 50.949 ug/l  
RT: 4.80 min Scan# 609  
Delta R.T. -0.00 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
789UMR-DSP01-01MS

| Tot Ion   | 43    | Resp  | 479266 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 13.5  | 11.3  | 16.9   |
| 70        | 10.5  | 8.2   | 12.4   |

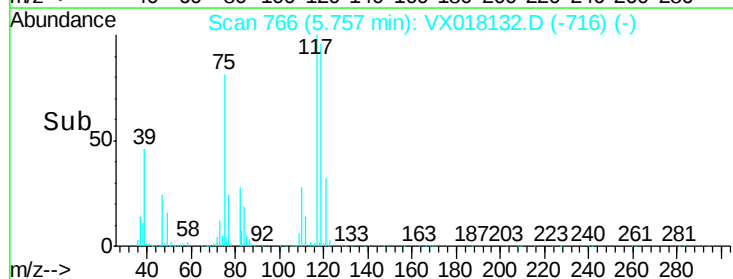
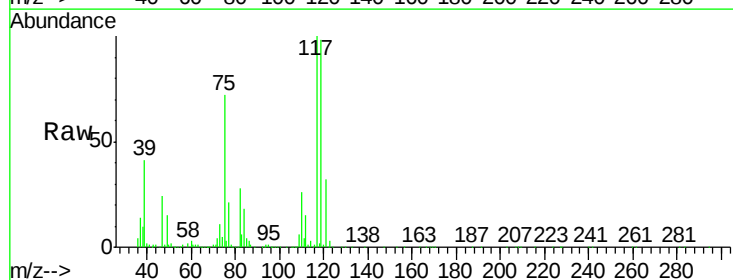
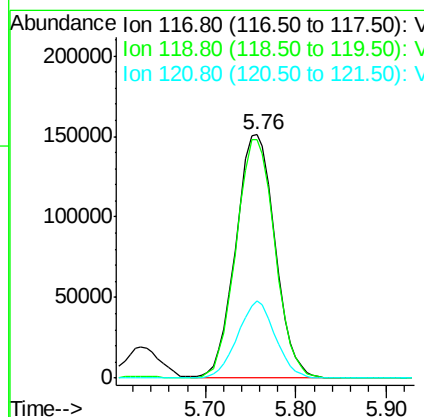
Manual Integrations  
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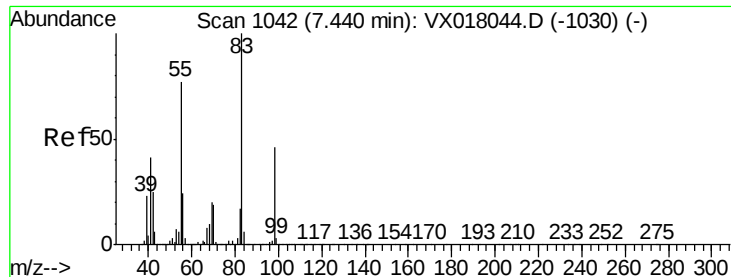
MMDadoda  
8/31/2020 8:57:47 AM



#38  
Carbon Tetrachloride  
Concen: 49.693 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. 0.01 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

| Tgt Ion   | 117   | Resp  | 453572 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 97.9  | 75.8  | 113.6  |
| 121       | 31.8  | 23.4  | 35.0   |





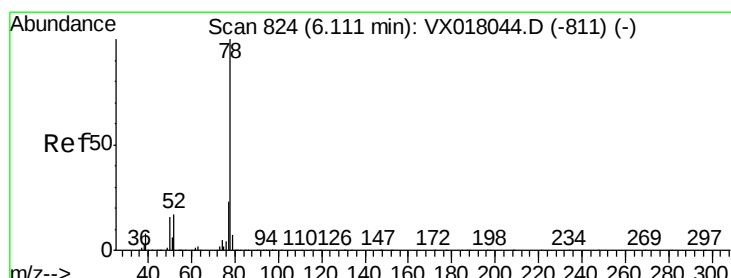
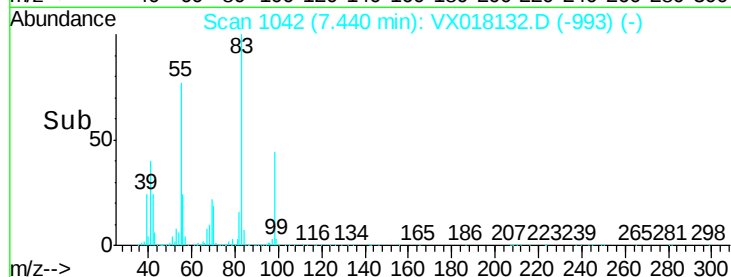
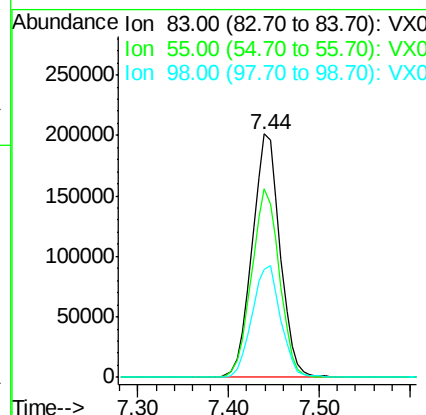
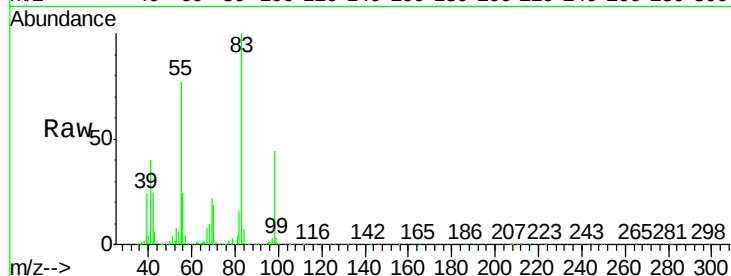
#39  
Methvlcvclohexane  
Concen: 48.299 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
789UMR-DSP01-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 77.4  | 61.8  | 92.6  |
| 98      | 44.4  | 36.6  | 55.0  |

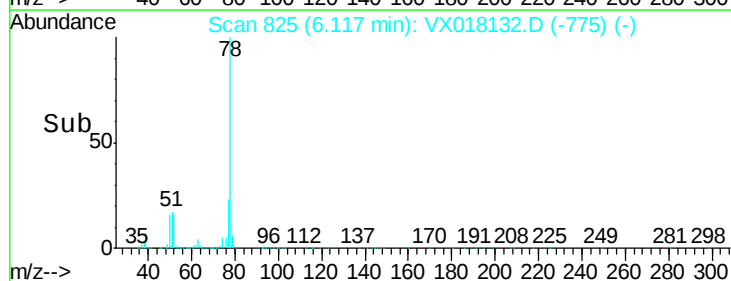
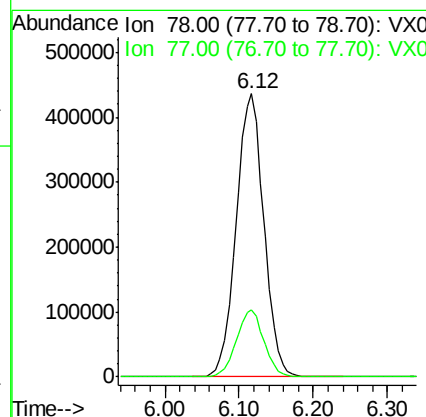
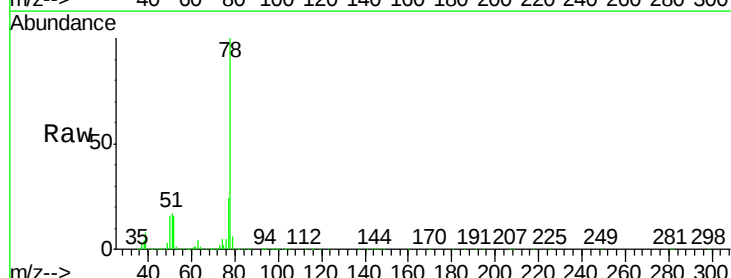
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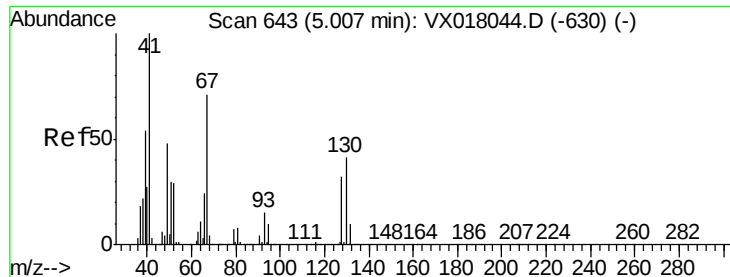
MMDadoda  
8/31/2020 8:57:47 AM



#40  
Benzene  
Concen: 47.704 ug/l  
RT: 6.12 min Scan# 825  
Delta R.T. 0.01 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.5  | 18.2  | 27.2  |





#41

Methacrylonitrile

Concen: 49.586 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

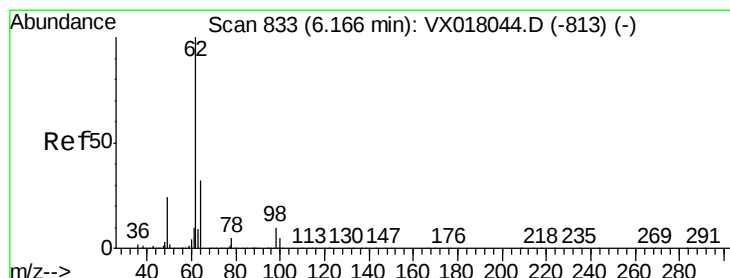
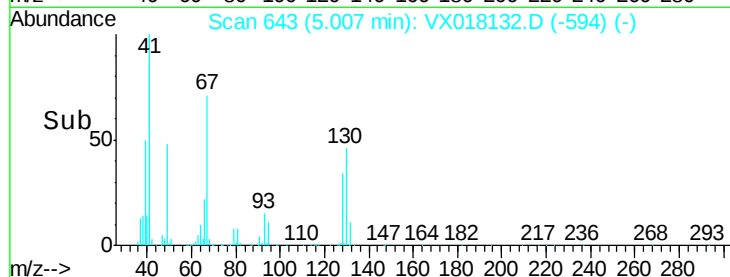
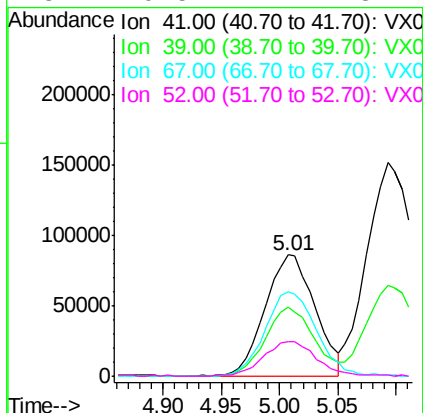
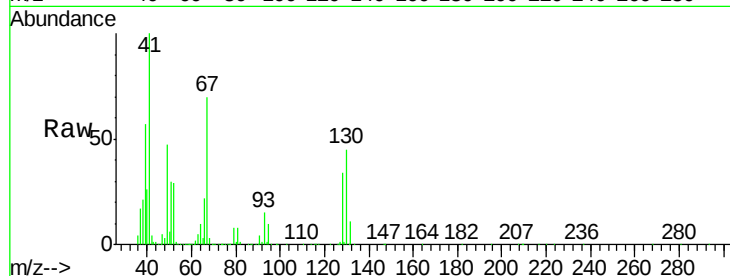
ClientSampleId :

789UMR-DSP01-01MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 41      | 100  |       | 256111 |       |       |
| 39      | 56.4 | 43.1  | 64.7   |       |       |
| 67      | 71.9 | 56.0  | 84.0   |       |       |
| 52      | 29.5 | 22.7  | 34.1   |       |       |

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8/31/2020 8:57:47 AM



#42

1,2-Dichloroethane

Concen: 49.659 ug/l

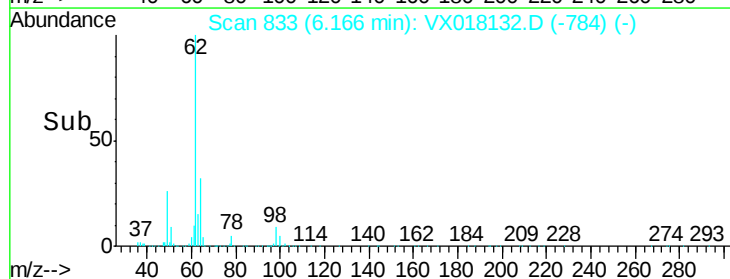
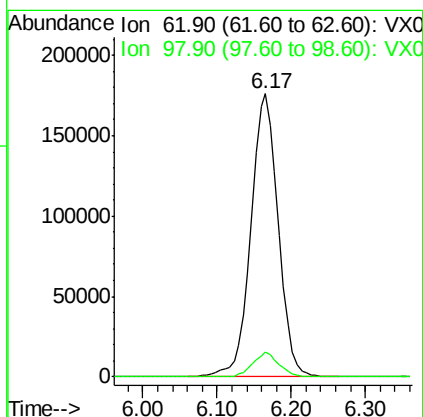
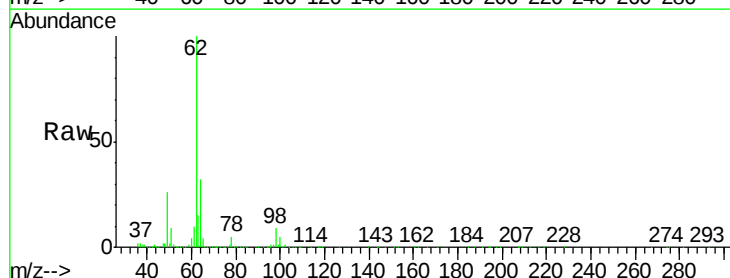
RT: 6.17 min Scan# 833

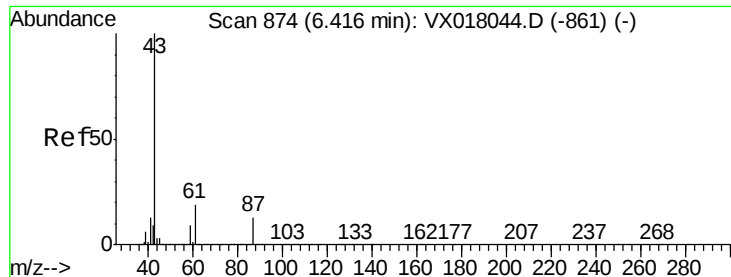
Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 62      | 100 |       | 452797 |       |       |
| 98      | 8.4 | 0.0   | 18.2   |       |       |





#43

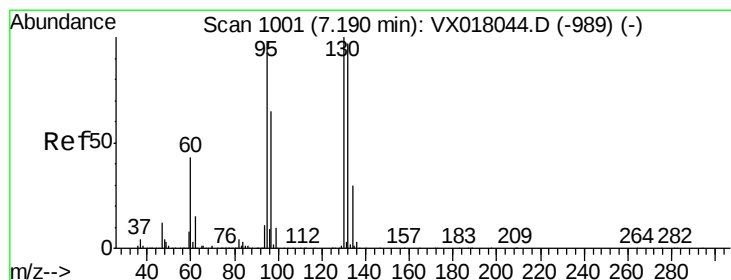
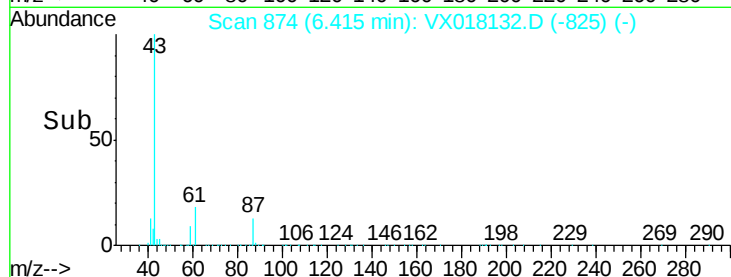
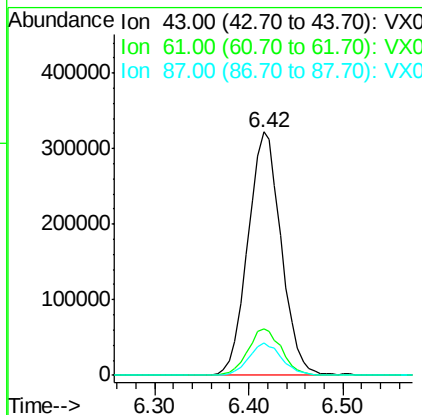
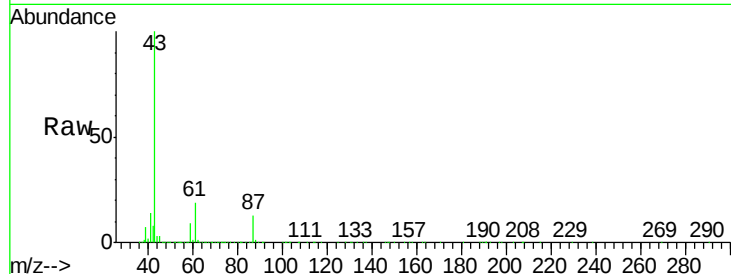
Isopropyl Acetate  
 Concen: 52.335 ug/l  
 RT: 6.42 min Scan# 874  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 789UMR-DSP01-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.4  | 15.7  | 23.5  |
| 87      | 13.3  | 10.3  | 15.5  |

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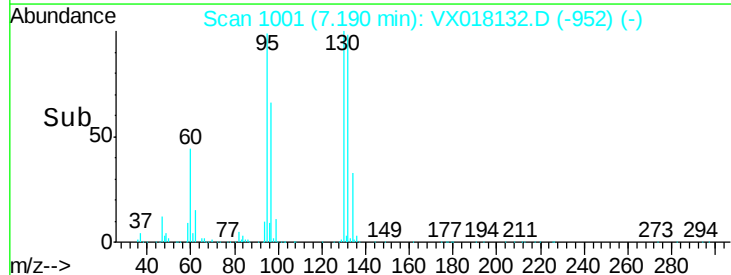
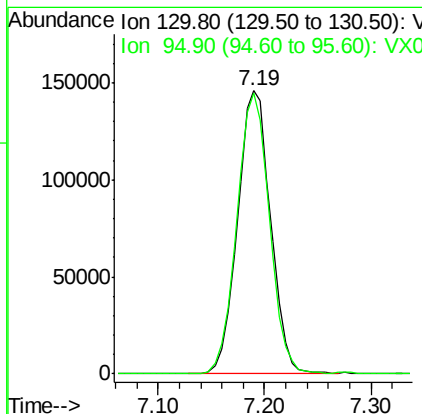
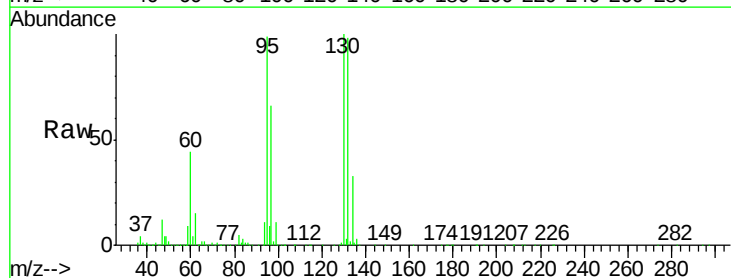
MMDadoda  
 8/31/2020 8:57:47 AM

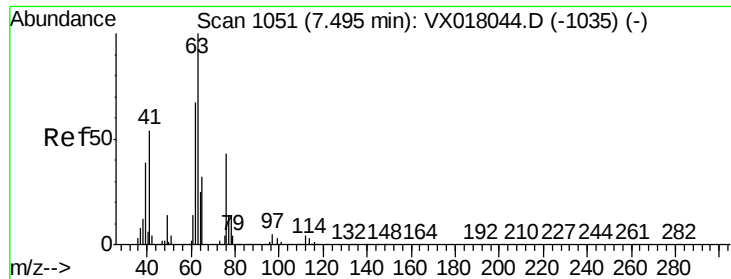


#44

Trichloroethene  
 Concen: 47.204 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 98.9  | 0.0   | 196.4 |





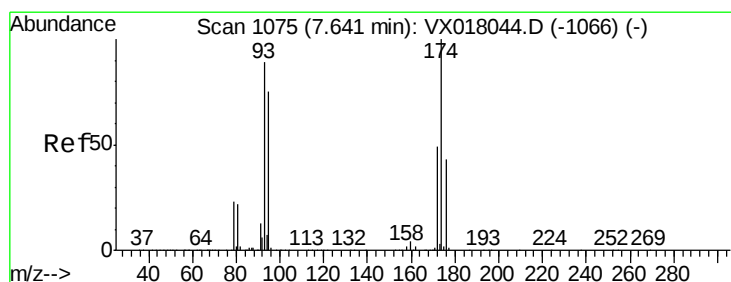
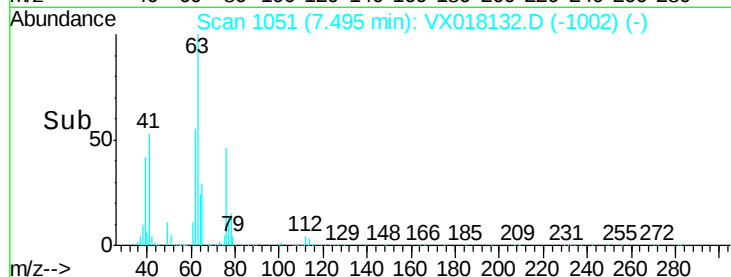
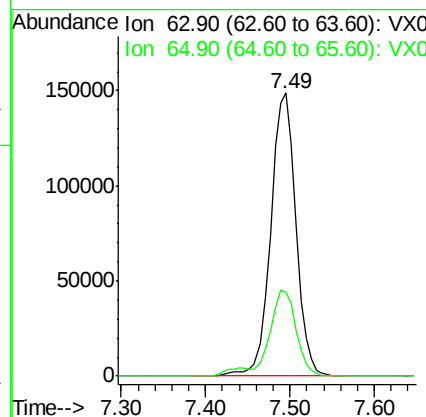
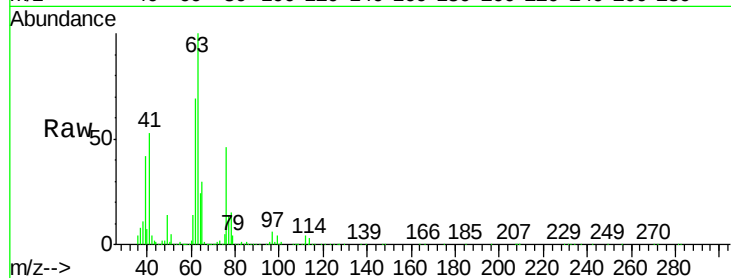
#45  
 1,2-Dichloropropane  
 Concen: 47.924 ug/l  
 RT: 7.49 min Scan# 1051  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 789UMR-DSP01-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 29.6  | 25.7  | 38.5  |

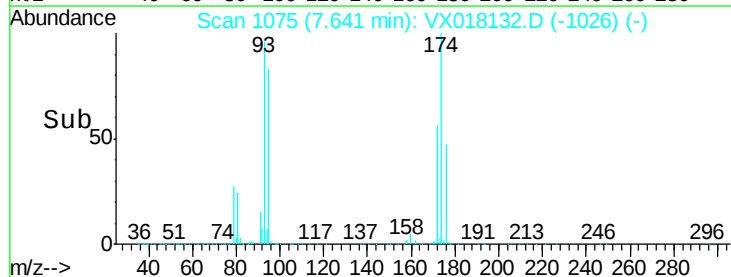
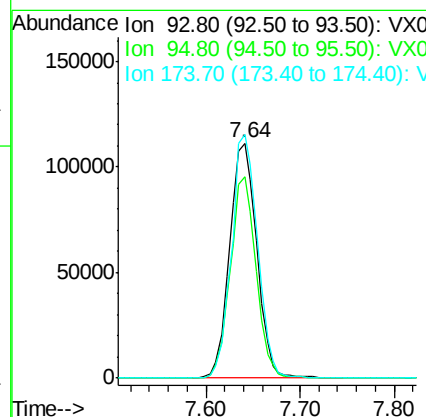
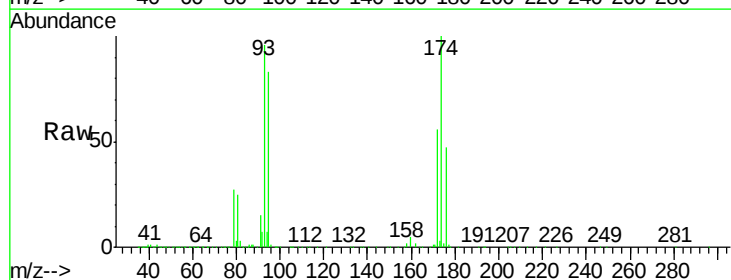
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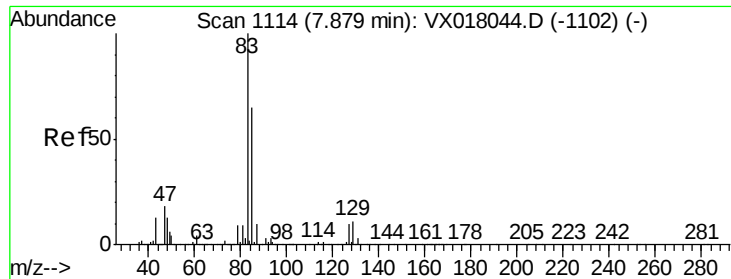
MMDadoda  
 8/31/2020 8:57:47 AM



#46  
 Dibromomethane  
 Concen: 49.238 ug/l  
 RT: 7.64 min Scan# 1075  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 81.7  | 67.3  | 100.9 |
| 174     | 100.1 | 82.2  | 123.2 |





#47

Bromodichloromethane

Concen: 50.053 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

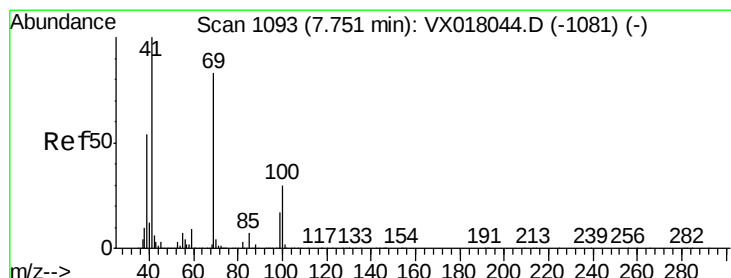
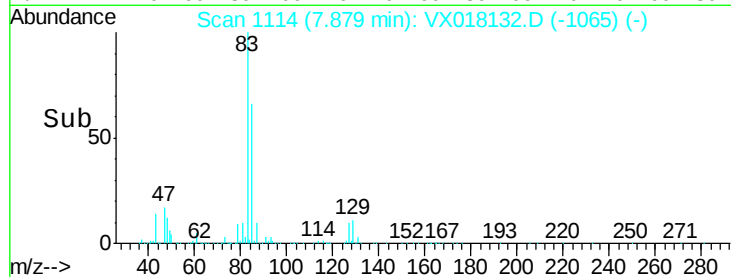
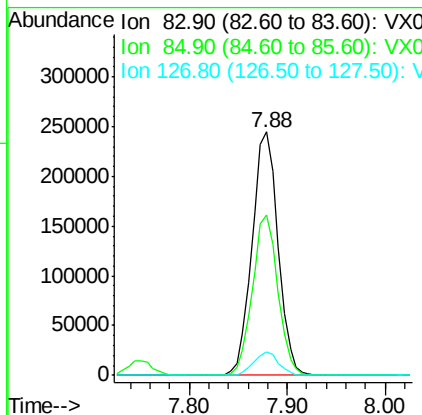
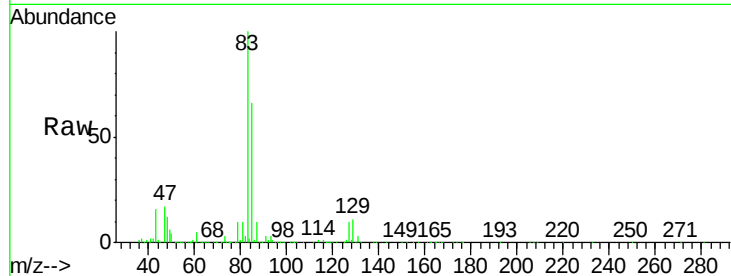
ClientSampleId :

789UMR-DSP01-01MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 450788 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 66.0  | 51.8  | 77.6   |
| 127      | 9.8   | 7.7   | 11.5   |

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#48

Methyl methacrylate

Concen: 50.180 ug/l

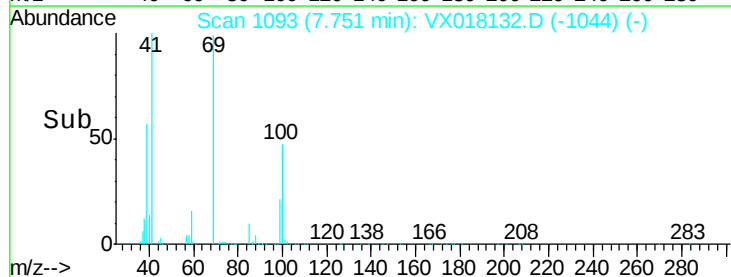
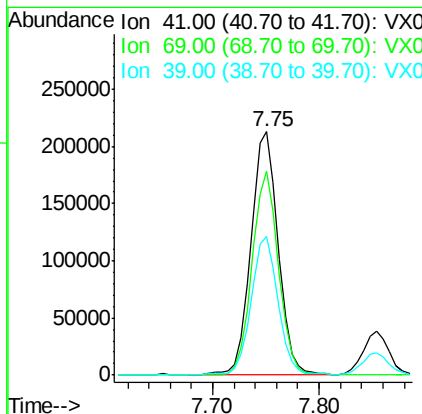
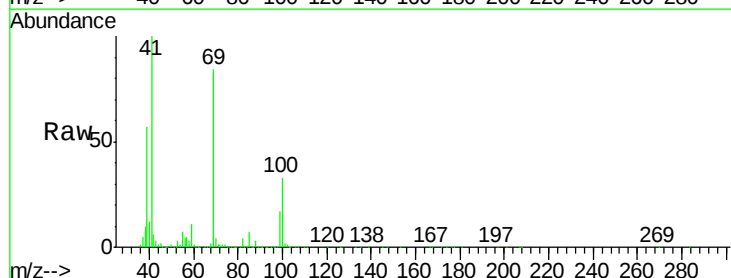
RT: 7.75 min Scan# 1093

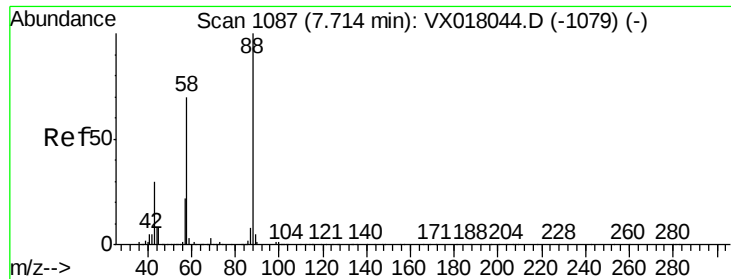
Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 379537 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 81.9  | 65.5  | 98.3   |
| 39       | 56.3  | 44.5  | 66.7   |





#49

1,4-Dioxane

Concen: 1032.653 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

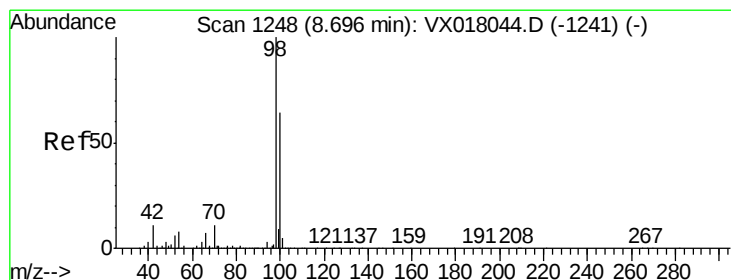
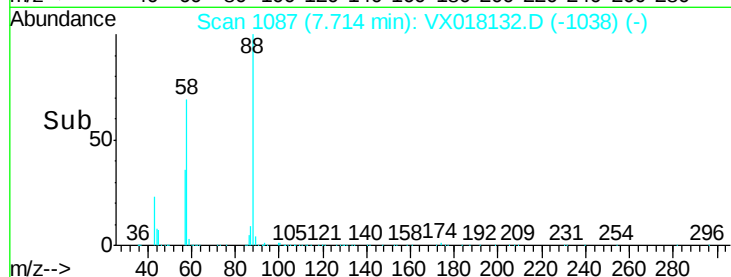
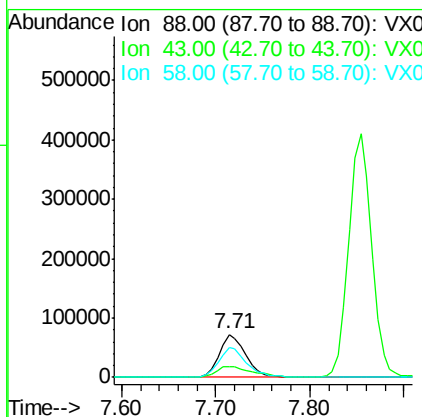
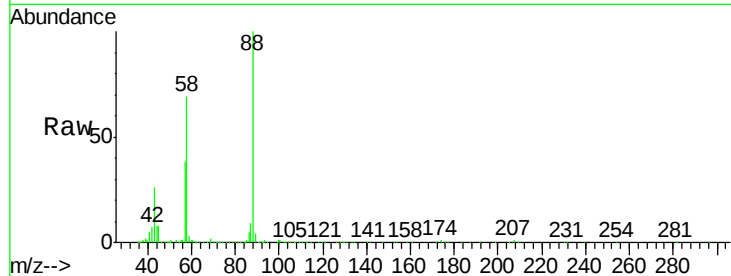
ClientSampleId :

789UMR-DSP01-01MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 88    | Resp: | 141481 |
| Ion      | Ratio | Lower | Upper  |
| 88       | 100   |       |        |
| 43       | 34.1  | 27.4  | 41.0   |
| 58       | 73.6  | 56.4  | 84.6   |

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#50

Toluene-d8

Concen: 50.672 ug/l

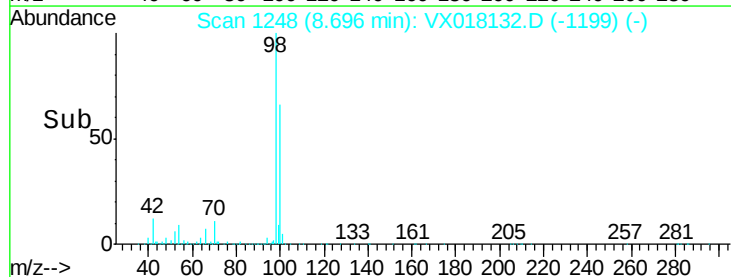
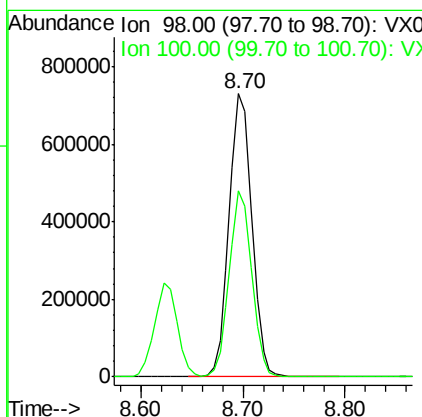
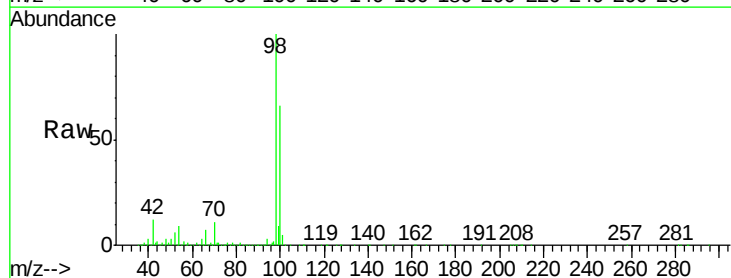
RT: 8.70 min Scan# 1248

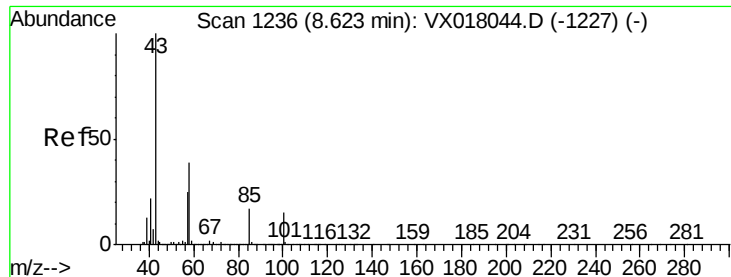
Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 98    | Resp: | 1128687 |
| Ion      | Ratio | Lower | Upper   |
| 98       | 100   |       |         |
| 100      | 64.8  | 52.2  | 78.4    |





#51

4-Methyl-2-Pentanone

Concen: 270.130 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion: 43 Resp: 2535250

Ion Ratio Lower Upper

43 100

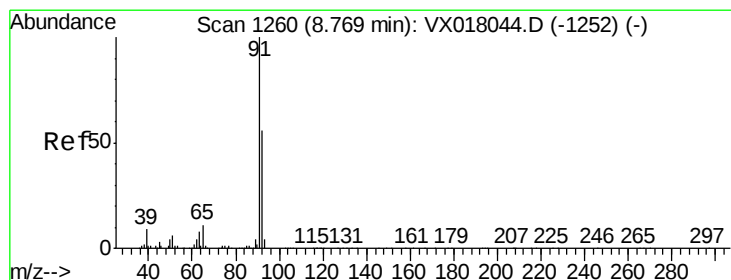
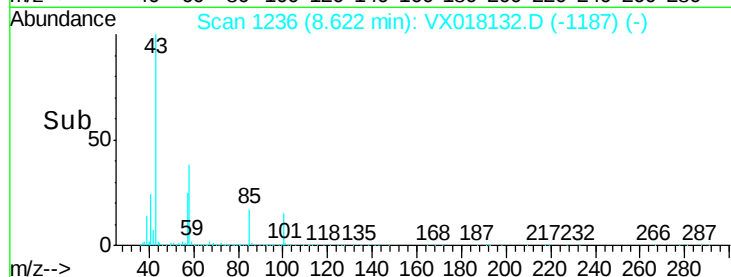
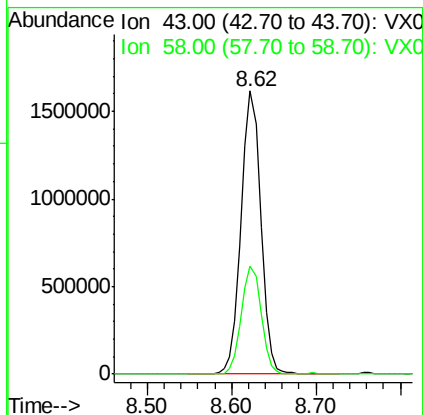
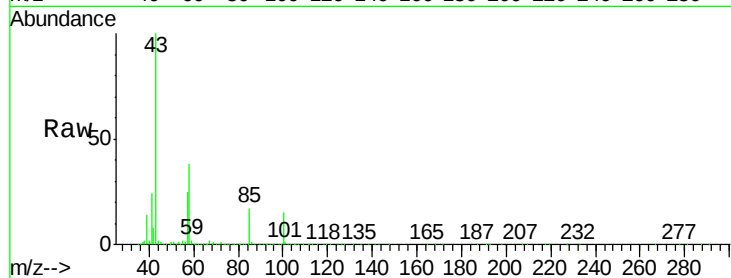
58 38.1 30.7 46.1

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8/31/2020 8:57:47 AM



#52

Toluene

Concen: 48.939 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018132.D

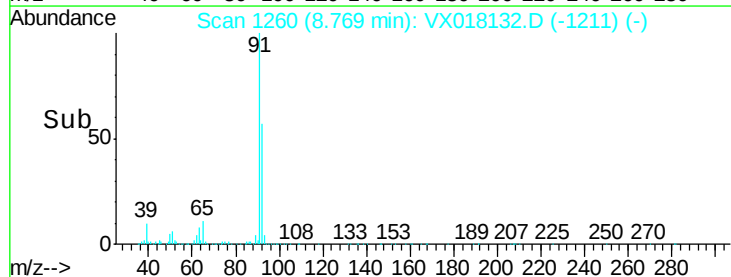
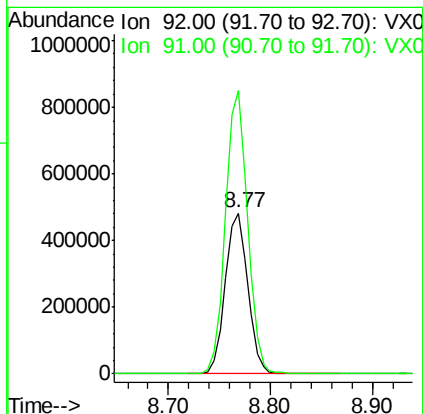
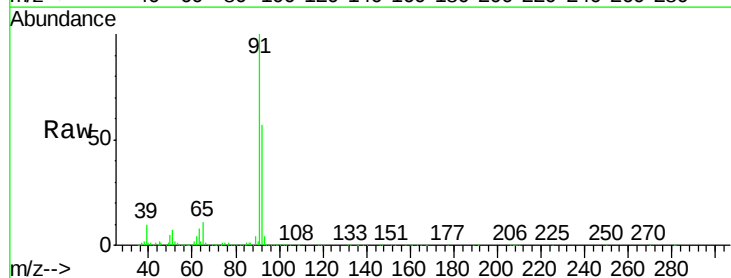
Acq: 28 Aug 2020 19:43

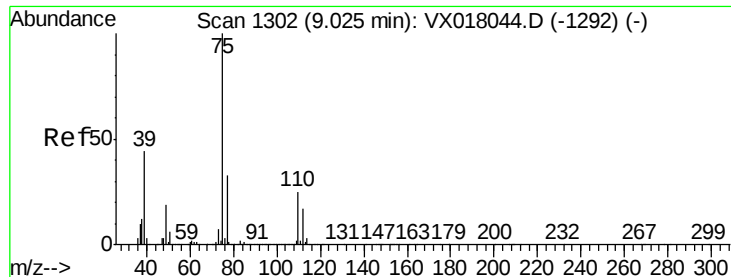
Tgt Ion: 92 Resp: 738524

Ion Ratio Lower Upper

92 100

91 171.8 140.3 210.5





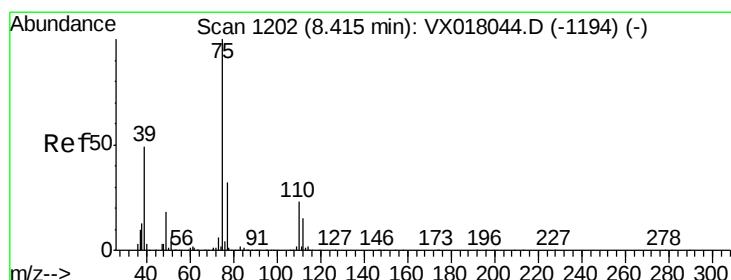
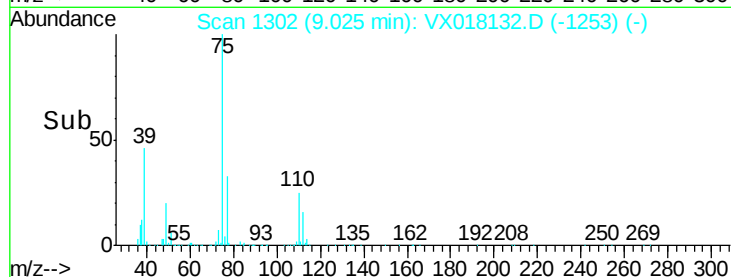
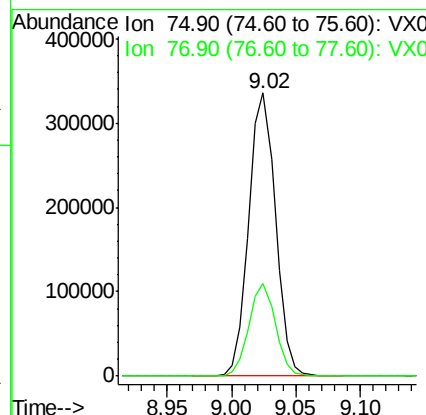
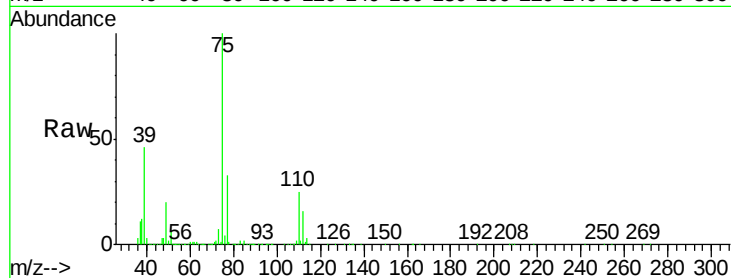
#53  
t-1,3-Dichloropropene  
Concen: 48.130 ug/l  
RT: 9.02 min Scan# 1302  
Delta R.T. -0.00 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
789UMR-DSP01-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.6  | 26.6  | 39.8  |

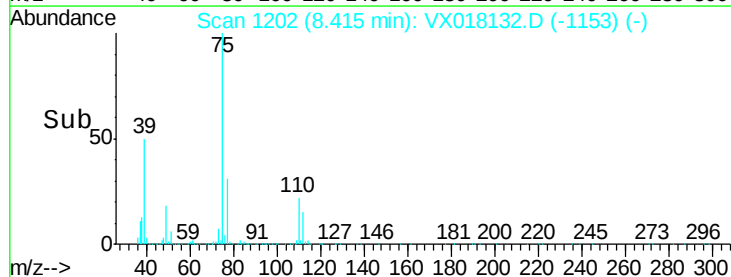
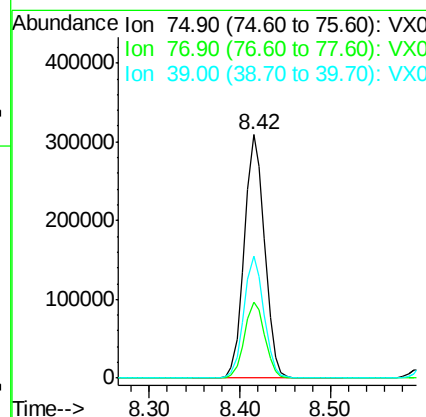
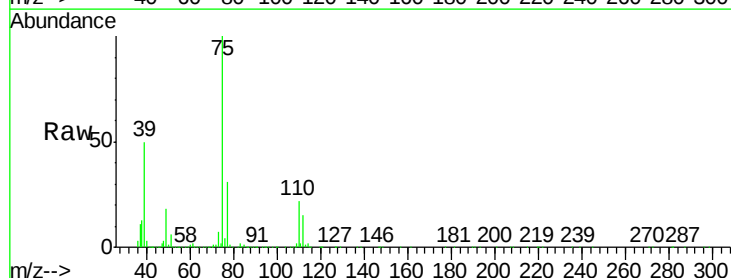
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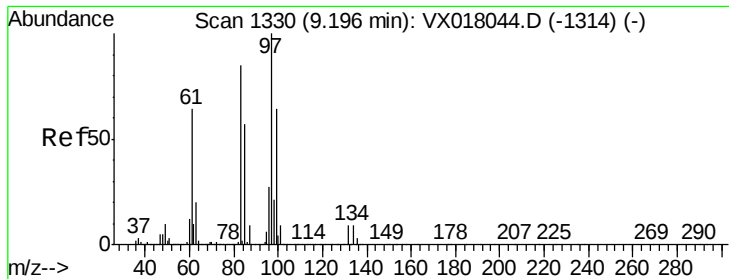
MMDadoda  
8/31/2020 8:57:47 AM



#54  
cis-1,3-Dichloropropene  
Concen: 45.470 ug/l  
RT: 8.42 min Scan# 1202  
Delta R.T. -0.00 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.1  | 25.8  | 38.8  |
| 39      | 50.2  | 38.8  | 58.2  |





#55

1,1,2-Trichloroethane

Concen: 48.080 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

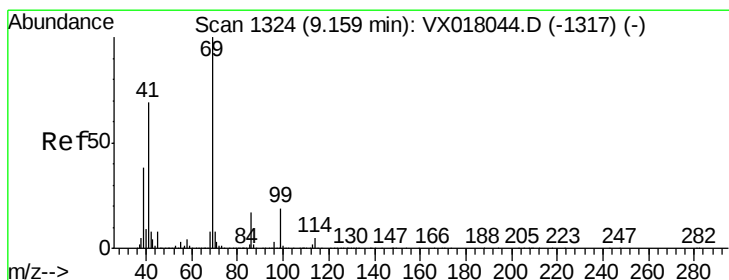
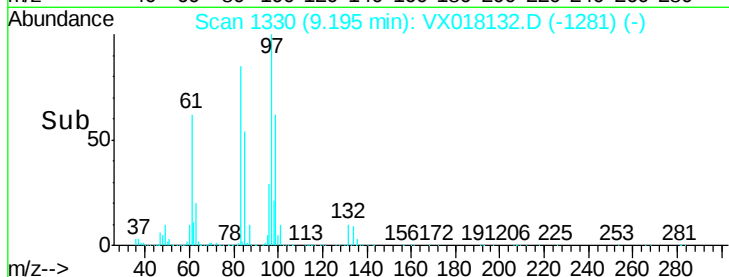
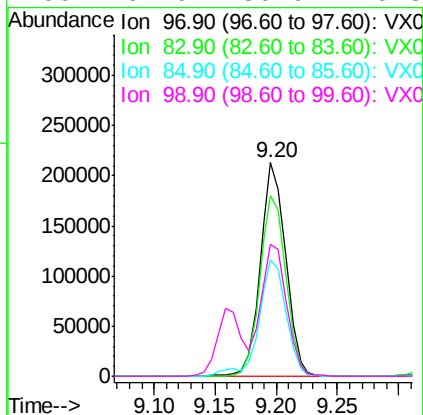
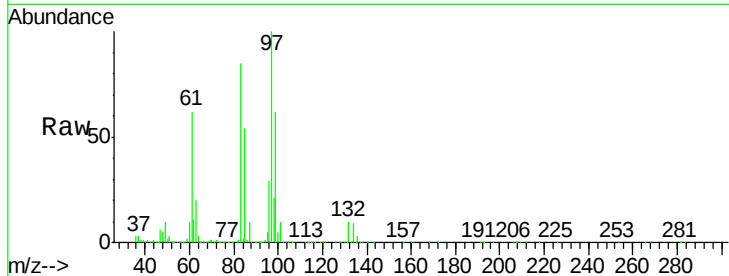
ClientSampleId :

789UMR-DSP01-01MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 309449 |       |       |
| 83      | 84.7 | 67.8  | 101.6  |       |       |
| 85      | 54.3 | 45.3  | 67.9   |       |       |
| 99      | 61.9 | 50.9  | 76.3   |       |       |

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#56

Ethyl methacrylate

Concen: 50.375 ug/l

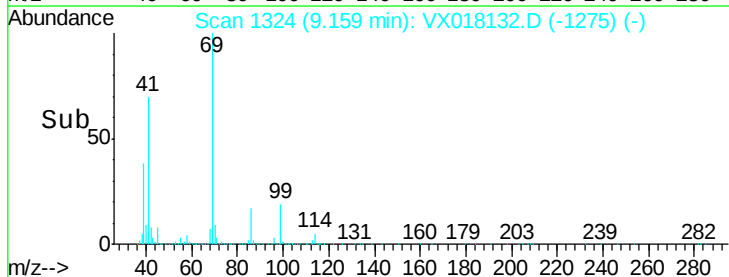
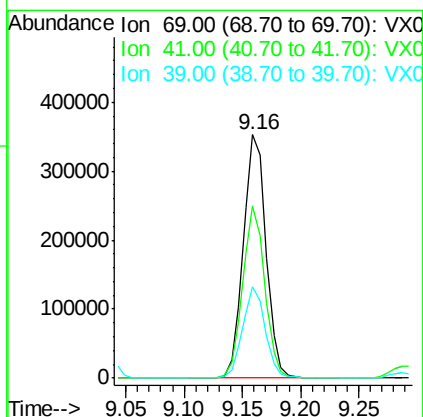
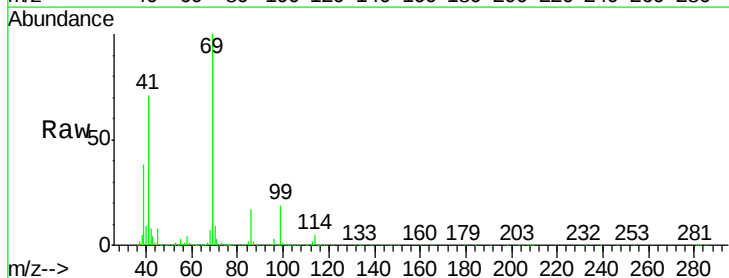
RT: 9.16 min Scan# 1324

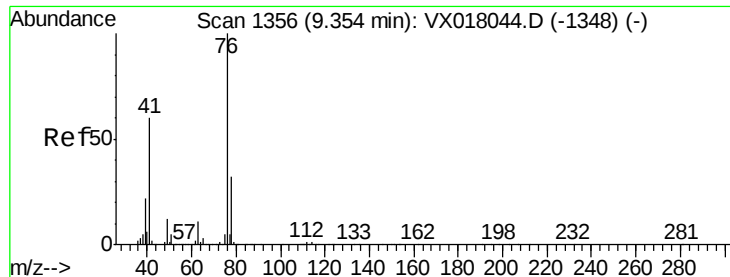
Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 481984 |       |       |
| 41      | 69.0 | 54.6  | 81.8   |       |       |
| 39      | 37.0 | 29.1  | 43.7   |       |       |





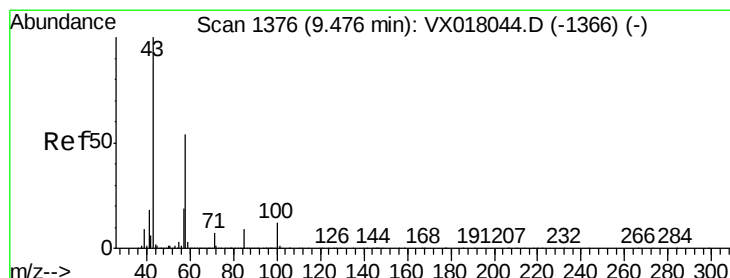
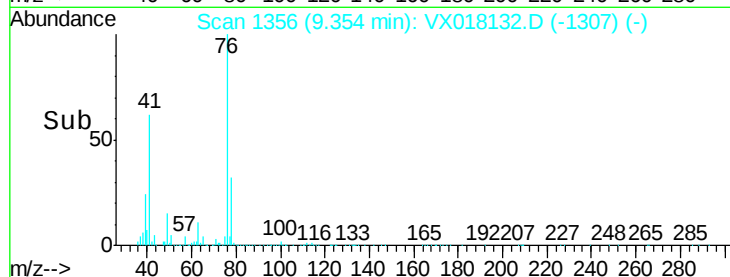
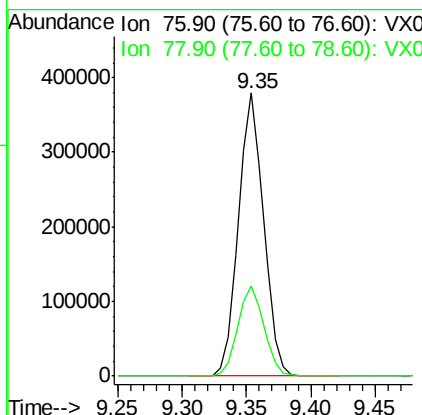
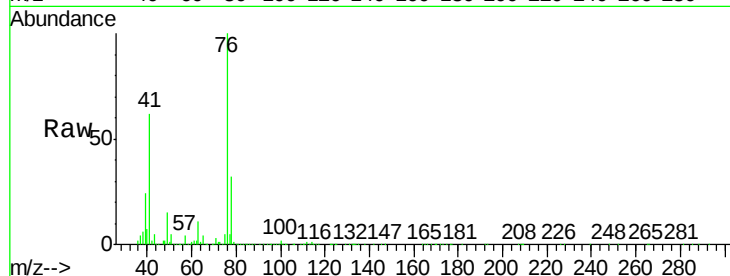
#57  
 1,3-Dichloropropane  
 Concen: 48.568 ug/l  
 RT: 9.35 min Scan# 1356  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 789UMR-DSP01-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 33.1  | 25.8  | 38.6  |

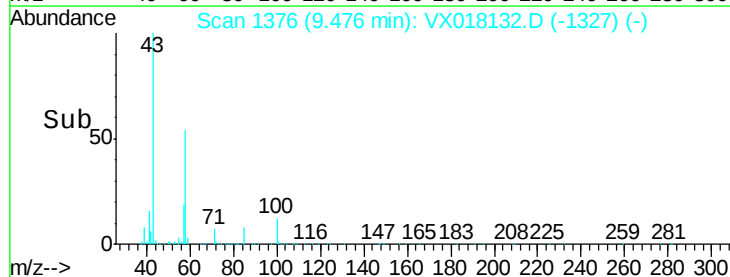
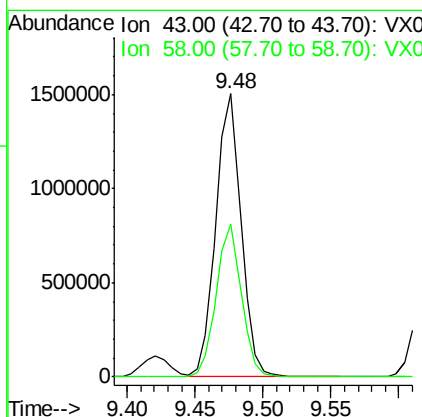
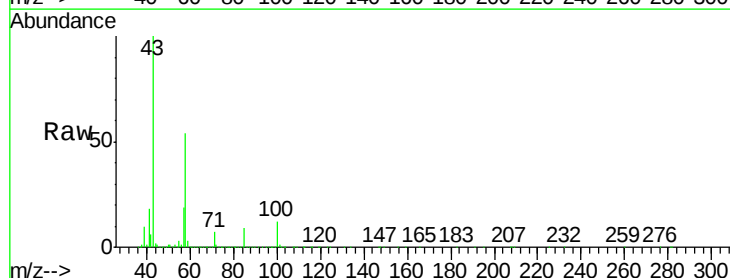
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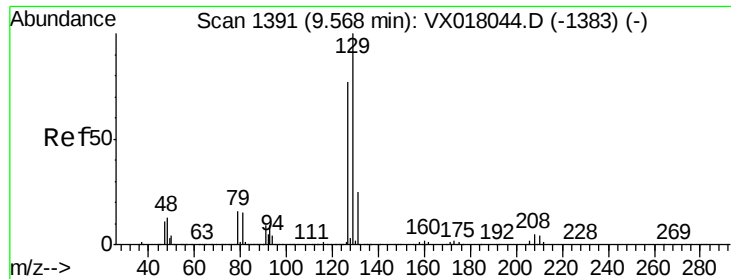
MMDadoda  
 8/31/2020 8:57:47 AM



#59  
 2-Hexanone  
 Concen: 273.189 ug/l  
 RT: 9.48 min Scan# 1376  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 53.7  | 26.6  | 79.7  |





#60

Dibromochloromethane

Concen: 51.459 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion:129 Resp: 388521

Ion Ratio Lower Upper

129 100

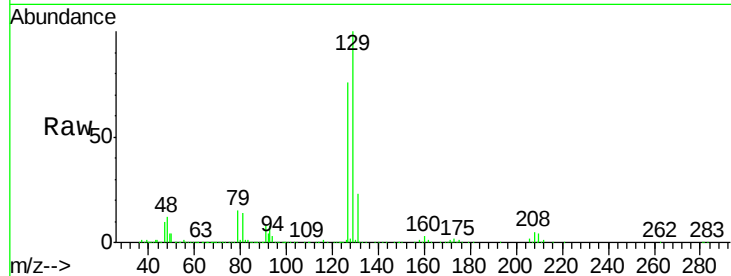
127 76.9 38.9 116.6

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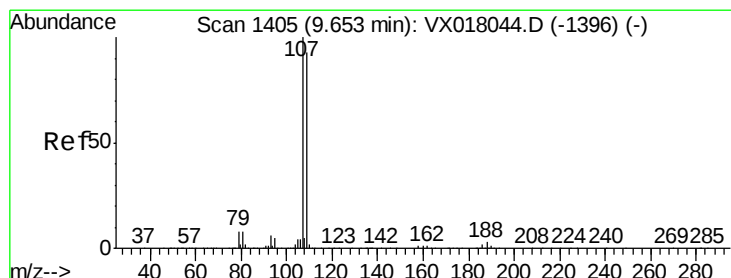
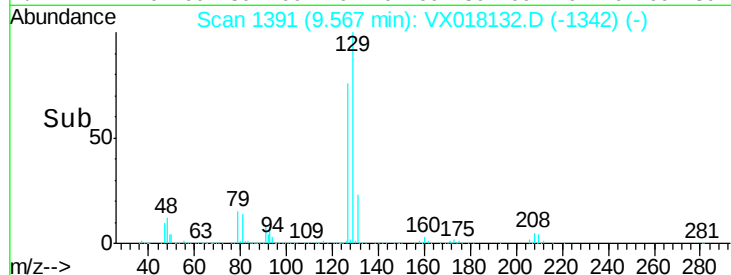
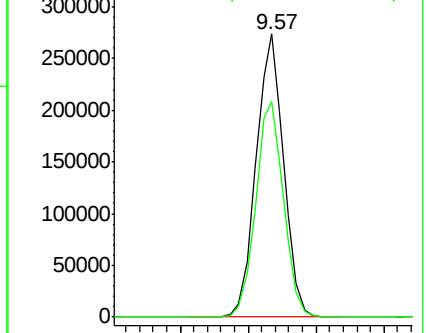
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.756 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018132.D

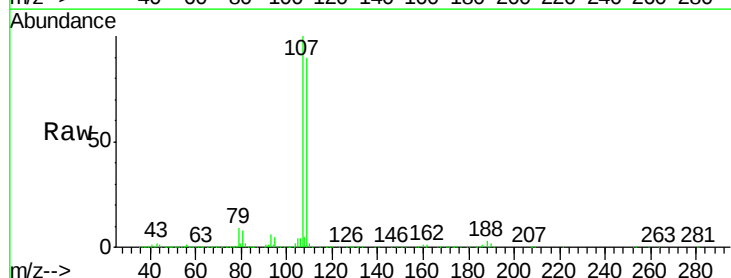
Acq: 28 Aug 2020 19:43

Tgt Ion:107 Resp: 347666

Ion Ratio Lower Upper

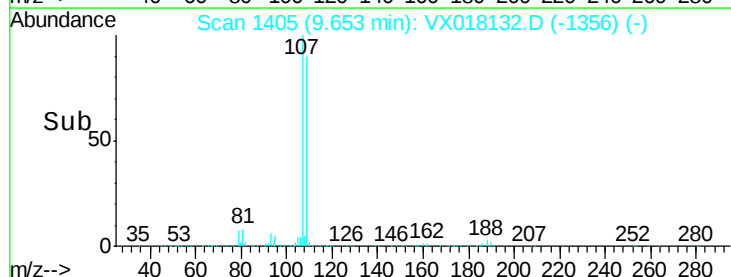
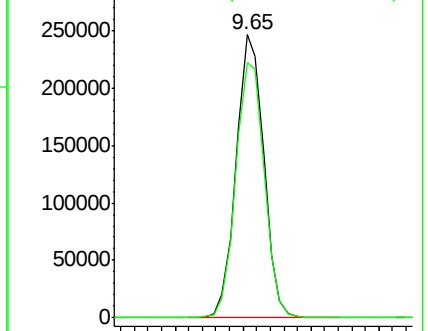
107 100

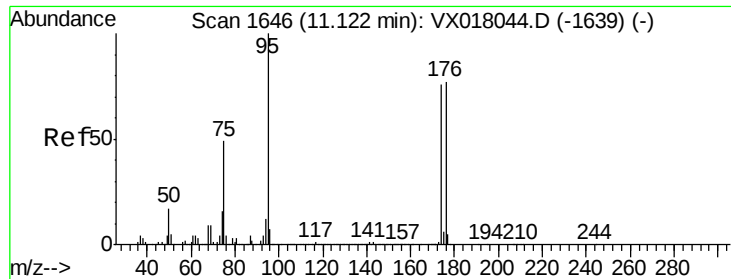
109 93.8 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.619 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

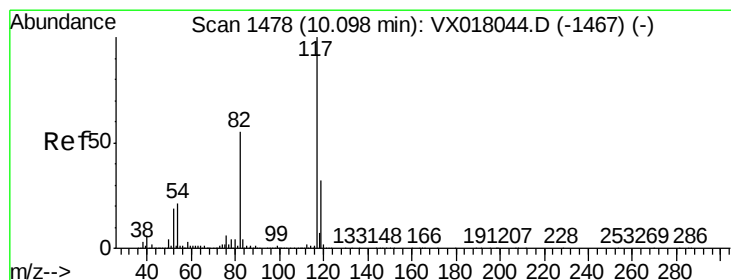
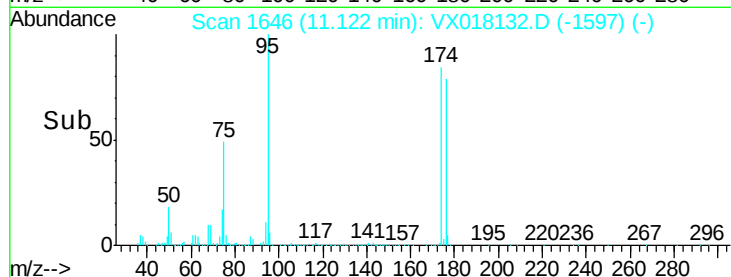
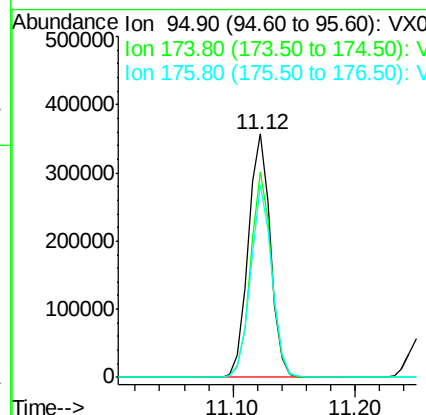
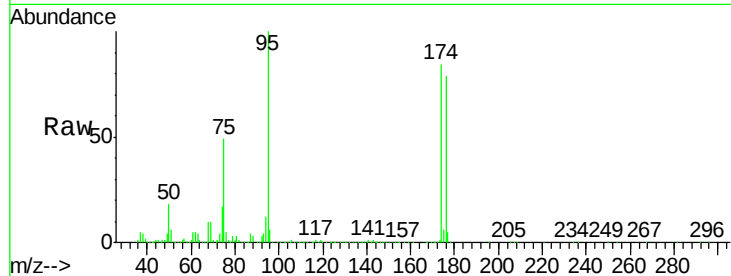
ClientSampleId :

789UMR-DSP01-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 95    | Resp: | 443603 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 80.8  | 0.0   | 160.2  |
| 176       | 76.2  | 0.0   | 155.8  |

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

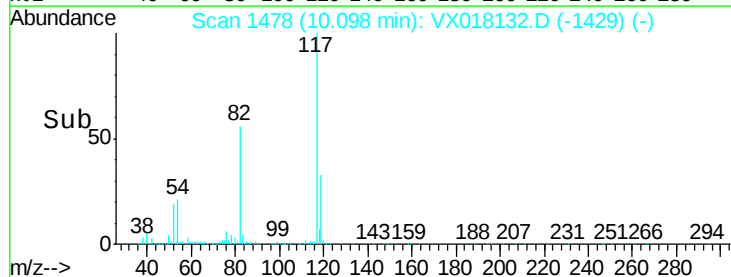
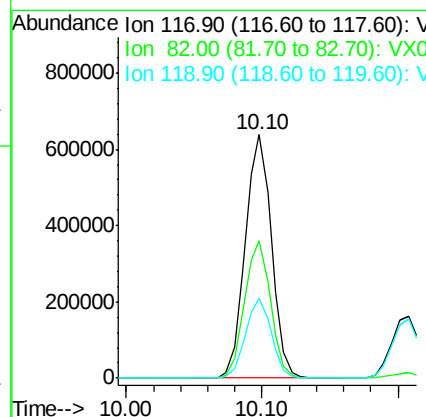
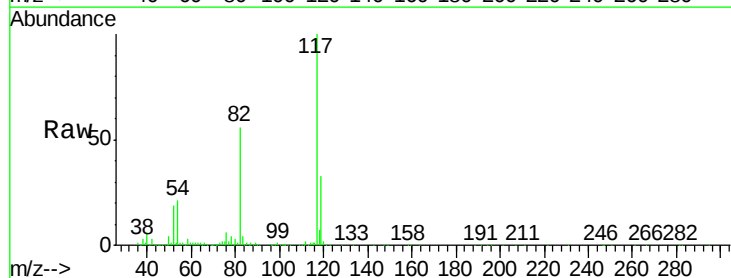
RT: 10.10 min Scan# 1478

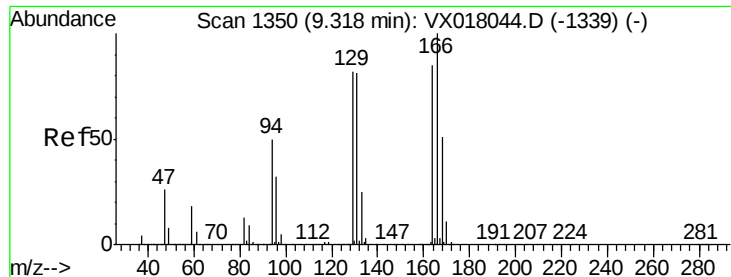
Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 860374 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 56.4  | 44.2  | 66.2   |
| 119       | 32.9  | 25.7  | 38.5   |





#64

Tetrachloroethene

Concen: 48.674 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

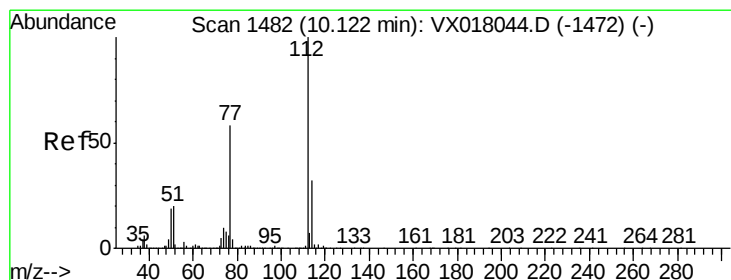
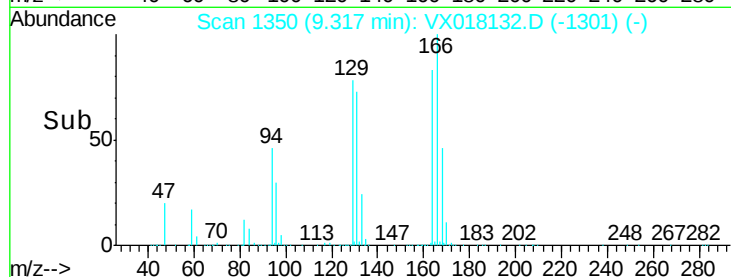
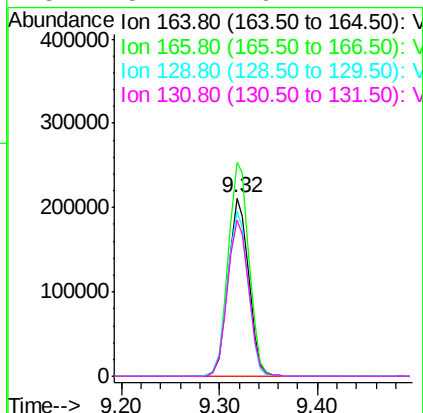
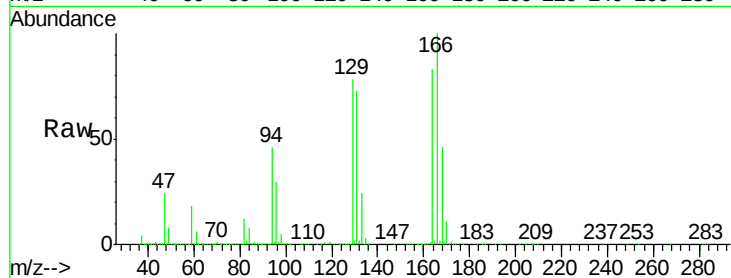
ClientSampleId :

789UMR-DSP01-01MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 166     | 120.0 | 94.2 | 141.2 |       |
| 129     | 93.0  | 76.9 | 115.3 |       |
| 131     | 87.4  | 76.1 | 114.1 |       |

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#65

Chlorobenzene

Concen: 48.151 ug/l

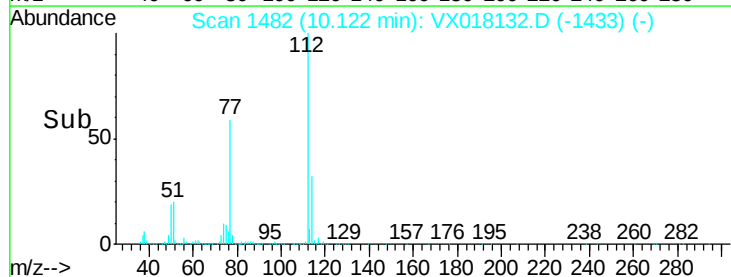
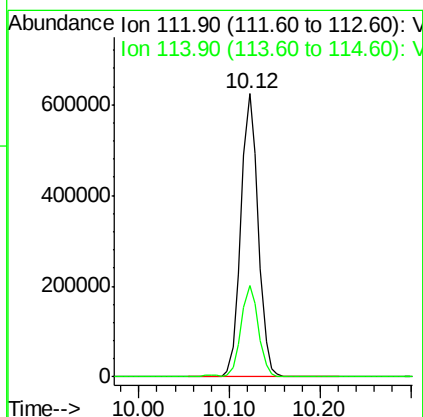
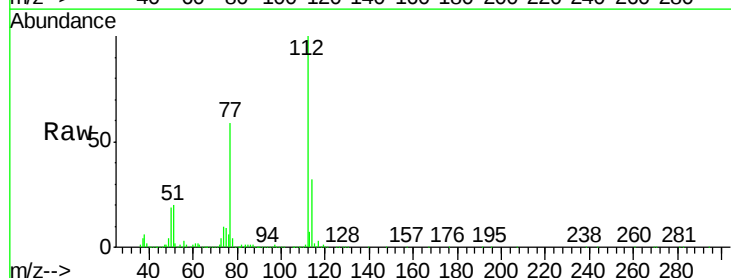
RT: 10.12 min Scan# 1482

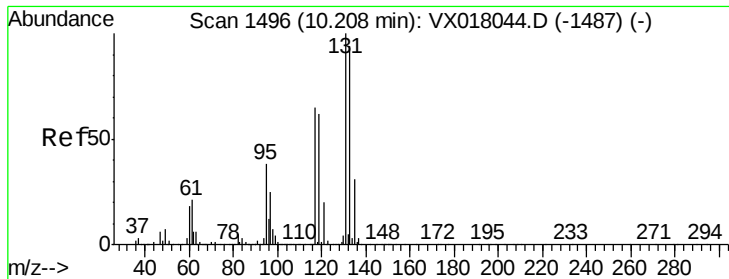
Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 112     | 100   |      |       |       |
| 114     | 32.2  | 25.7 | 38.5  |       |





#66

1,1,1,2-Tetrachloroethane

Concen: 48.729 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

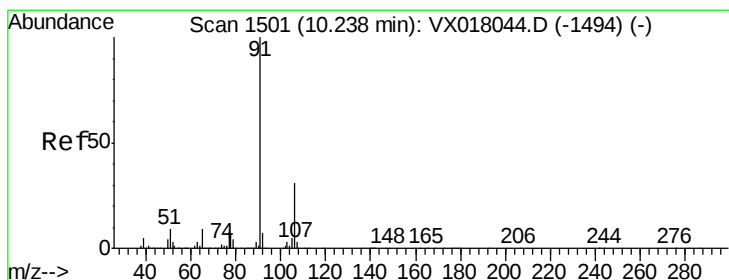
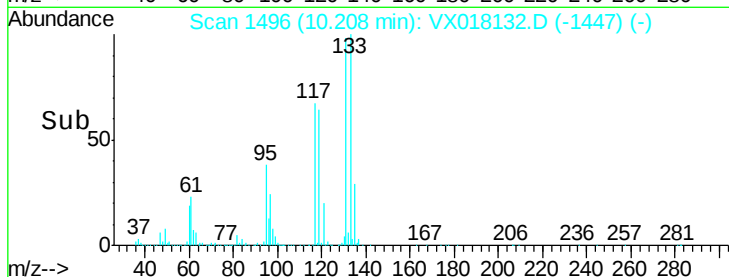
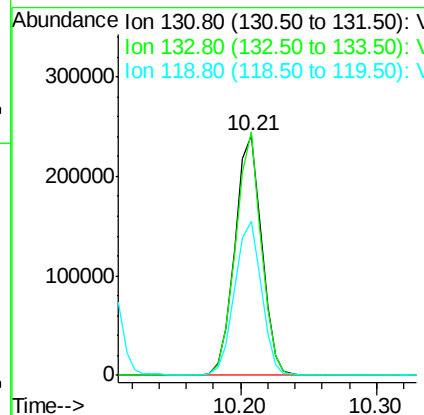
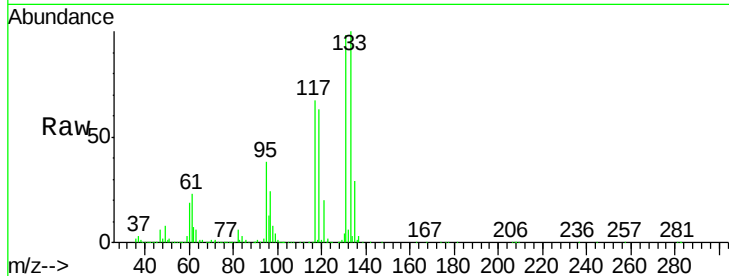
ClientSampleId :

789UMR-DSP01-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 131   | Resp: | 330025 |
| Ion Ratio | Lower | Upper |        |
| 131       | 100   |       |        |
| 133       | 97.5  | 46.7  | 140.1  |
| 119       | 64.5  | 31.8  | 95.4   |

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#67

Ethyl Benzene

Concen: 48.818 ug/l

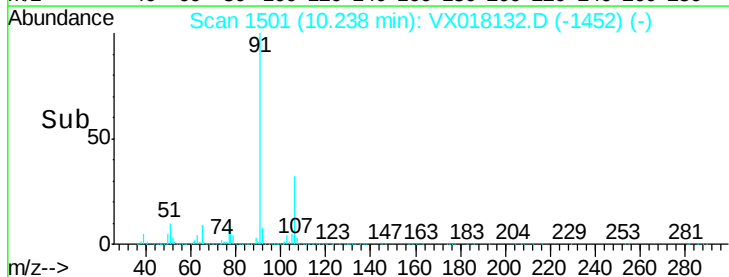
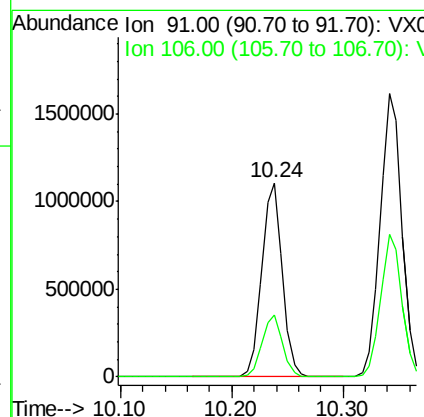
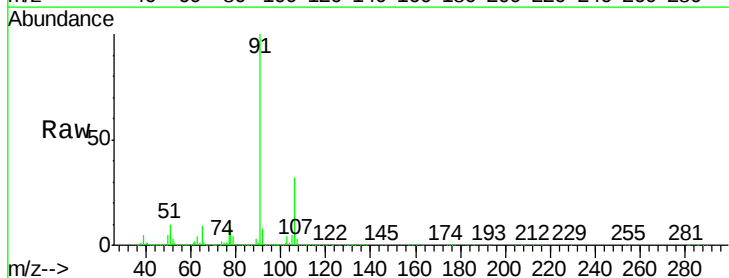
RT: 10.24 min Scan# 1501

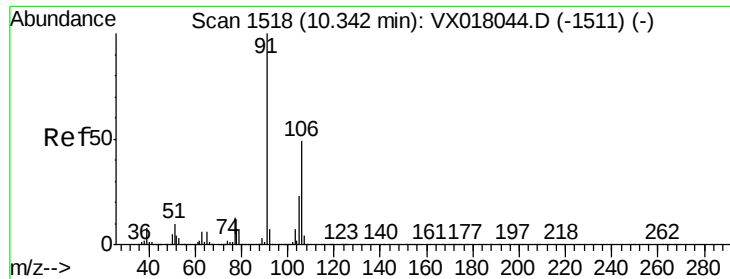
Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1426573 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 106       | 32.2  | 24.9  | 37.3    |





#68

m/p-Xvlenes

Concen: 100.145 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion:106 Resp: 1092295

Ion Ratio Lower Upper

106 100

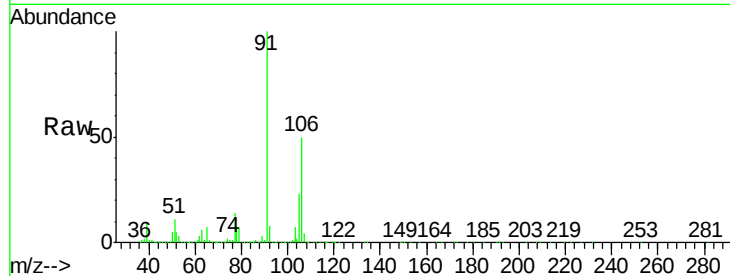
91 202.4 162.2 243.2

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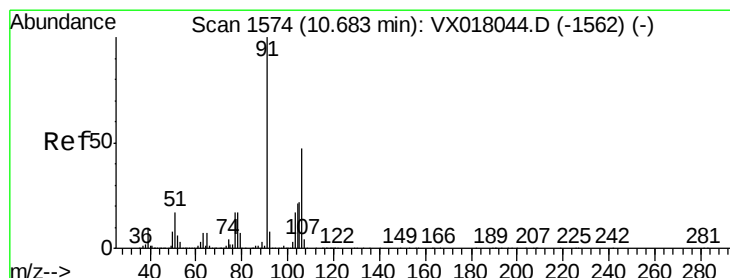
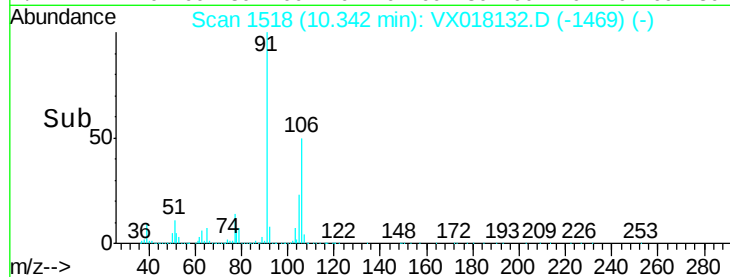
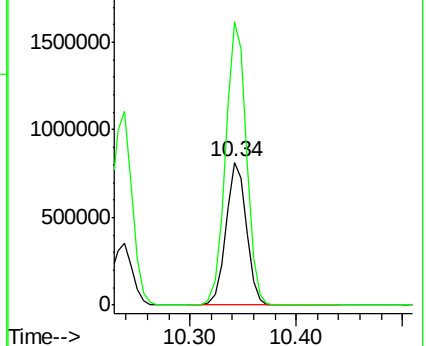
MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 49.718 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018132.D

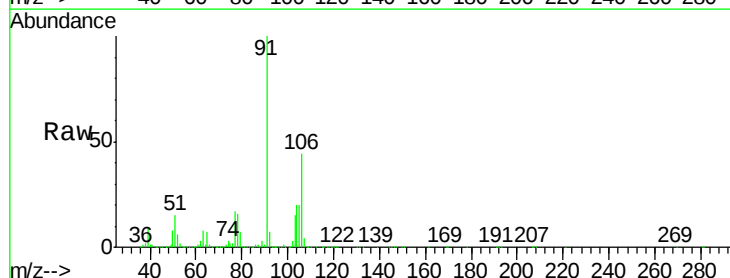
Acq: 28 Aug 2020 19:43

Tgt Ion:106 Resp: 525681

Ion Ratio Lower Upper

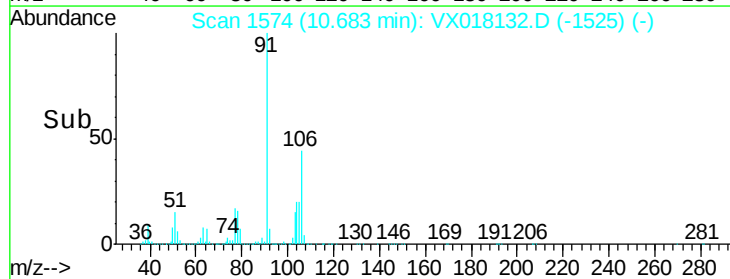
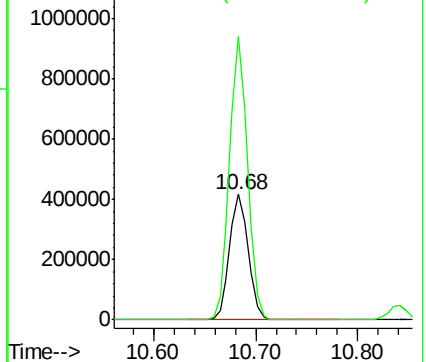
106 100

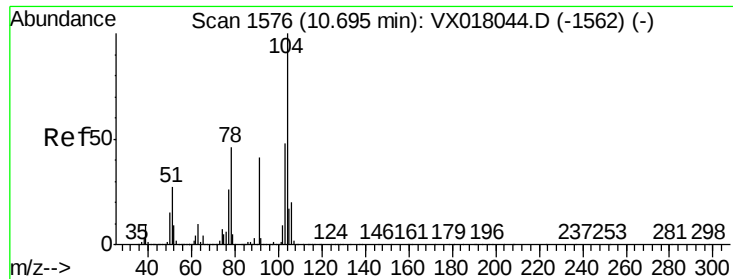
91 217.8 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





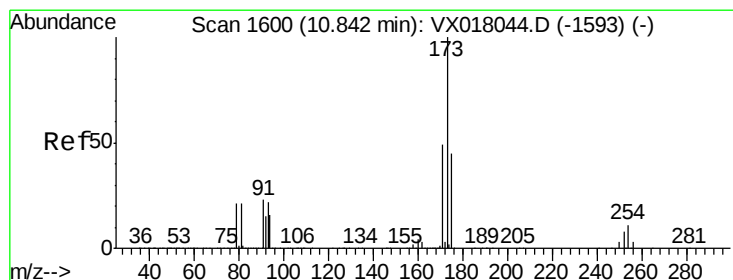
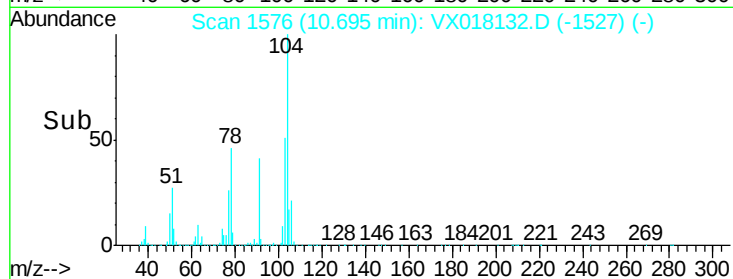
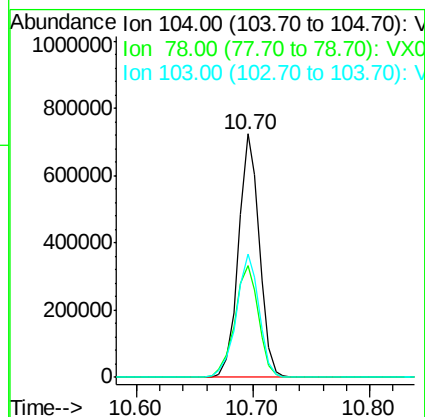
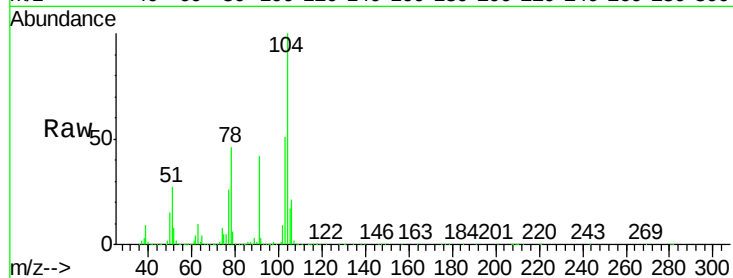
#70  
Stvrene  
Concen: 50.302 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
789UMR-DSP01-01MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       | 905751 |       |       |
| 78      | 52.1 |       | 40.9   | 61.3  |       |
| 103     | 55.3 |       | 43.6   | 65.4  |       |

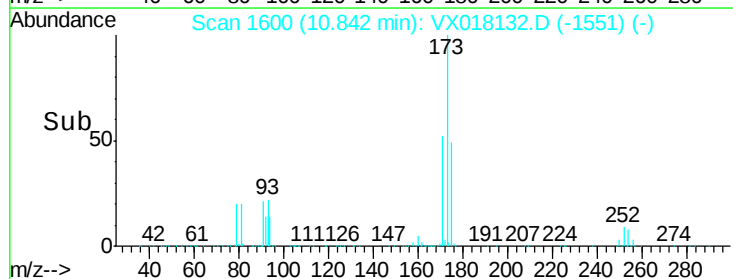
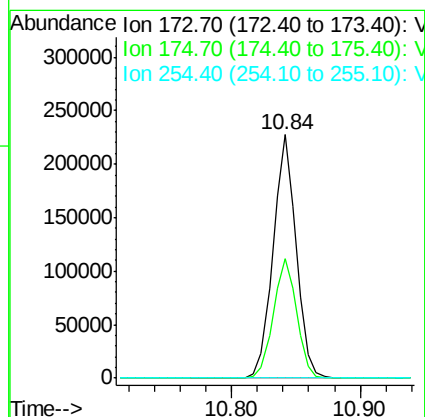
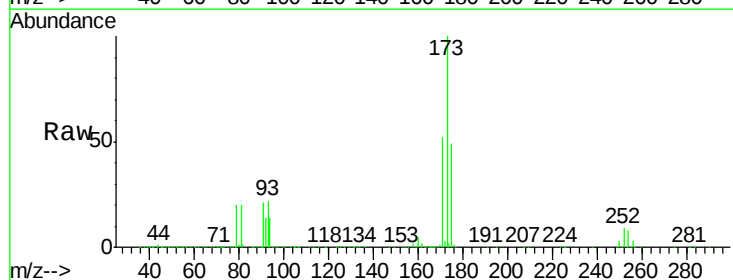
Manual Integrations  
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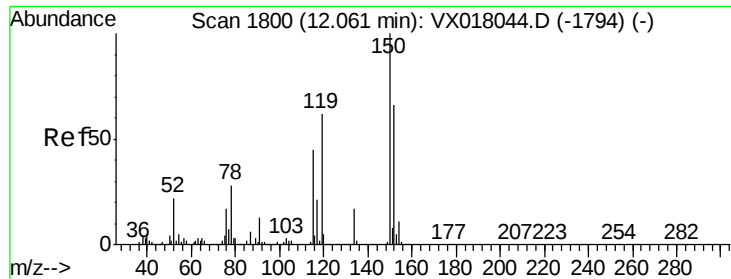
MMDadoda  
8/31/2020 8:57:47 AM



#71  
Bromoform  
Concen: 49.055 ug/l  
RT: 10.84 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 173     | 100  |       | 283379 |       |       |
| 175     | 49.9 |       | 23.9   | 71.8  |       |
| 254     | 0.1  |       | 0.2    | 0.2#  |       |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

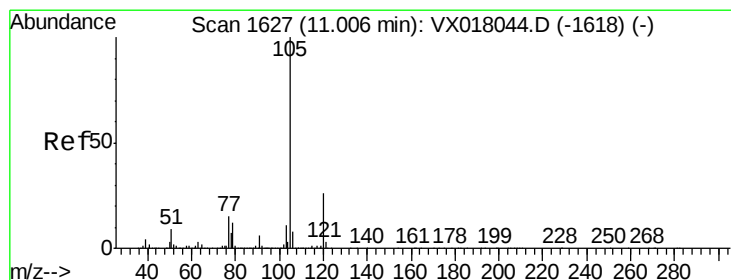
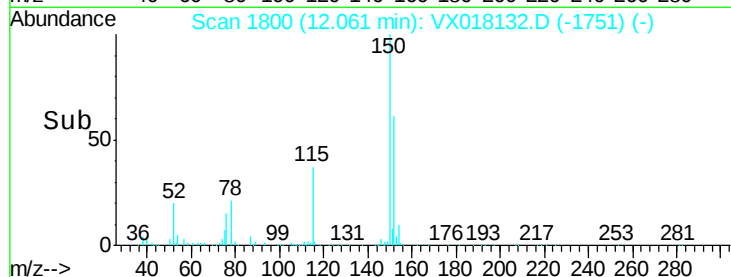
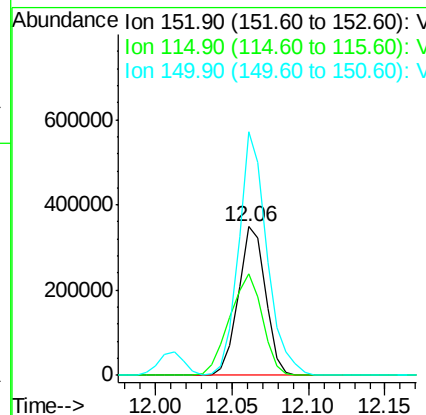
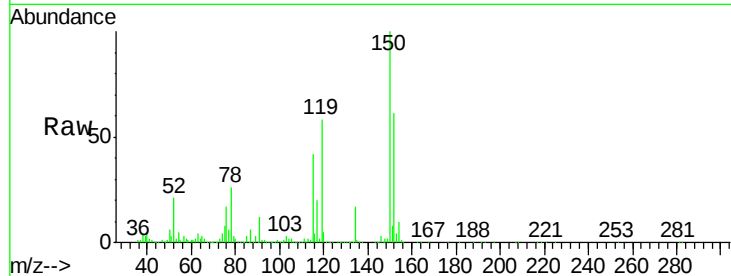
ClientSampleId :

789UMR-DSP01-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 430604 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 81.9  | 41.5  | 124.5  |
| 150       | 170.2 | 0.0   | 343.8  |

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#73

Isopropylbenzene

Concen: 50.193 ug/l

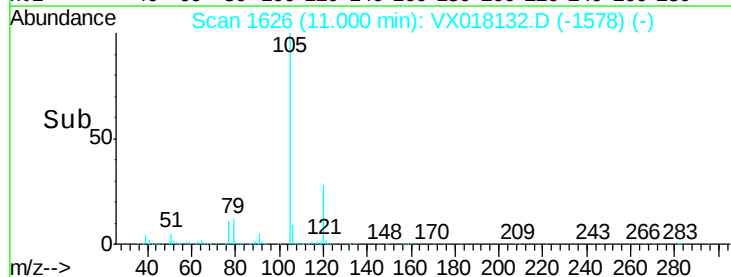
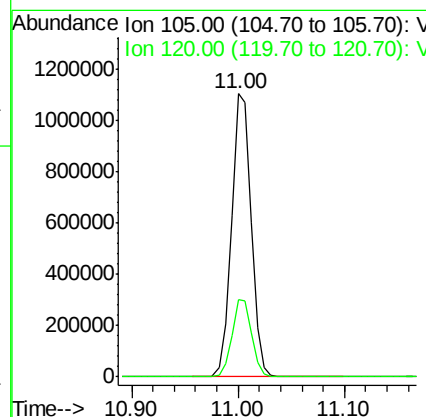
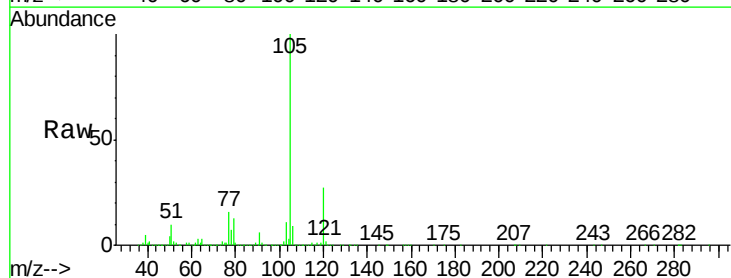
RT: 11.00 min Scan# 1626

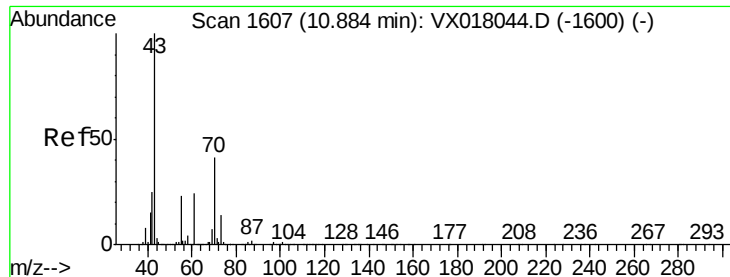
Delta R.T. -0.01 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 105   | Resp: | 1425621 |
| Ion Ratio | Lower | Upper |         |
| 105       | 100   |       |         |
| 120       | 27.2  | 13.2  | 39.5    |





#74

N-amvl acetate

Concen: 50.256 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

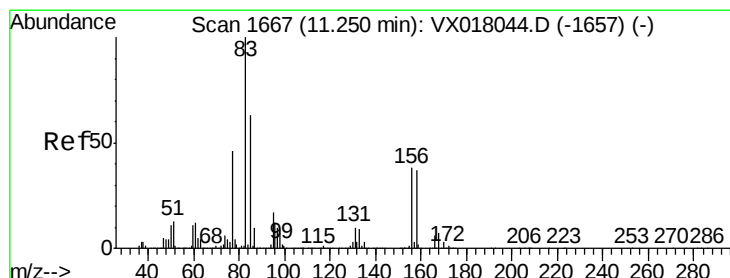
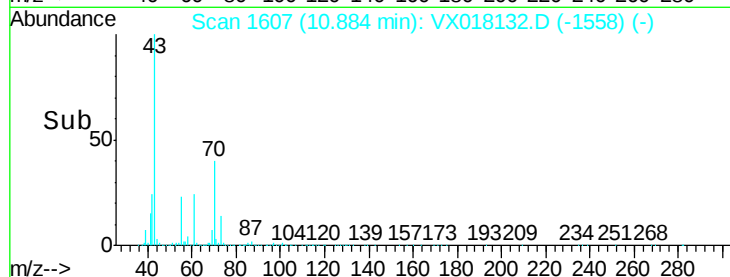
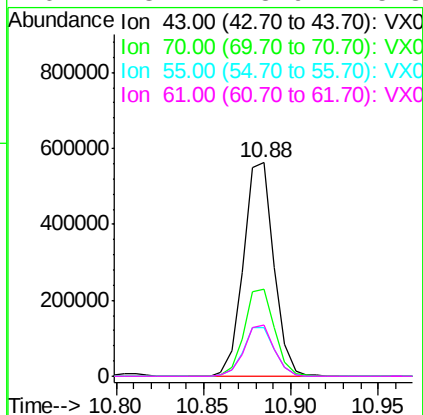
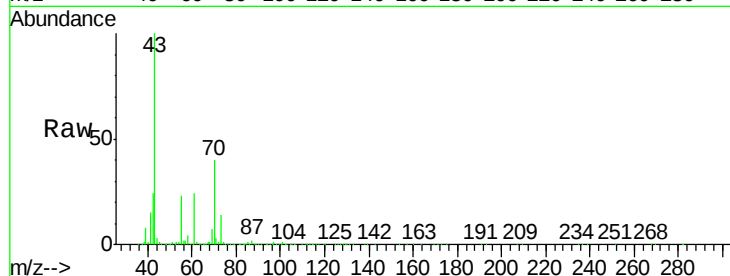
ClientSampleId :

789UMR-DSP01-01MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 677262 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 70       | 40.7  | 32.3  | 48.5   |
| 55       | 23.4  | 18.2  | 27.2   |
| 61       | 23.7  | 18.9  | 28.3   |

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#75

1,1,2,2-Tetrachloroethane

Concen: 46.548 ug/l

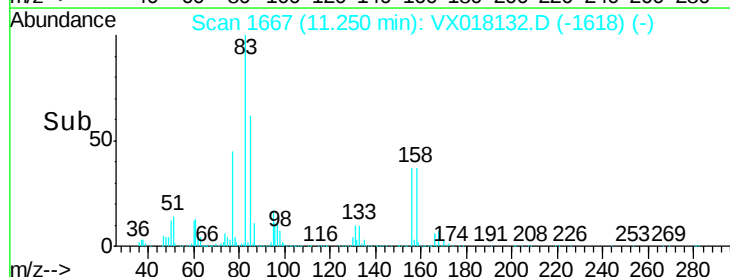
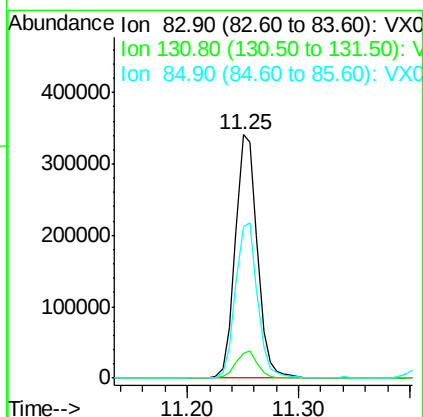
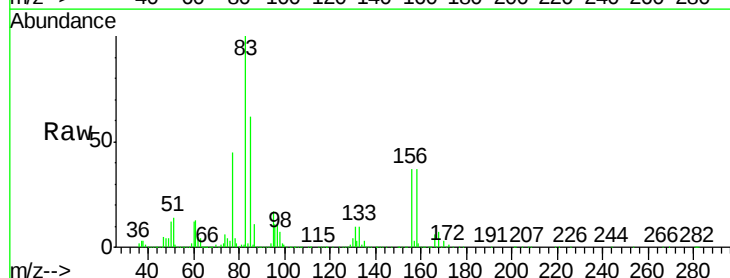
RT: 11.25 min Scan# 1667

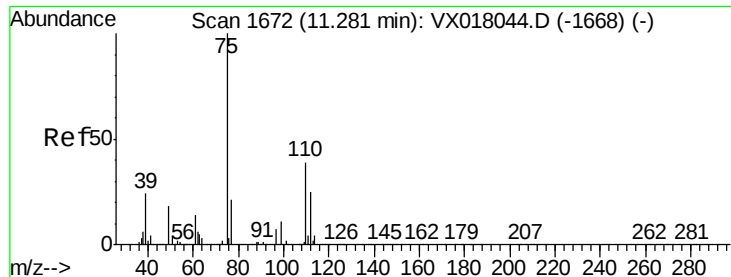
Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 466394 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 11.0  | 5.1   | 15.4   |
| 85       | 64.1  | 32.2  | 96.6   |





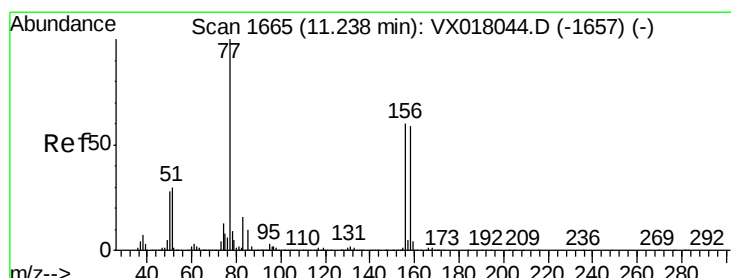
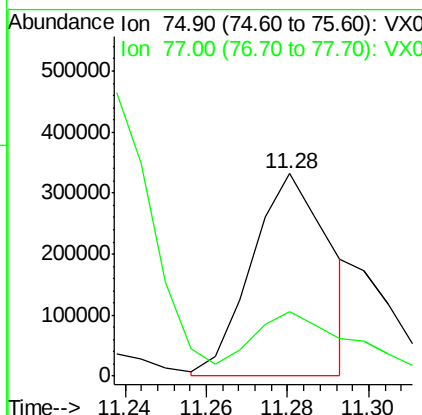
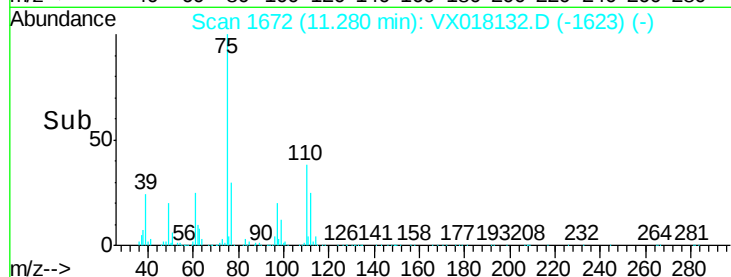
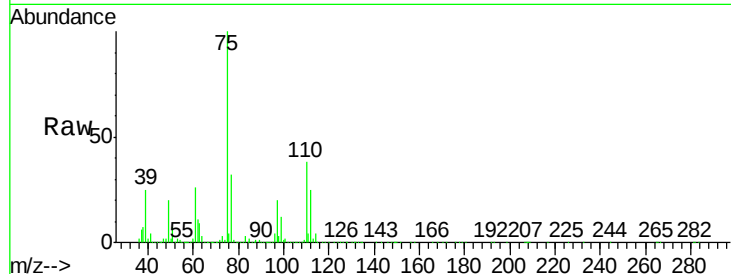
#76  
 1,2,3-Trichloropropane  
 Concen: 45.931 ug/l m  
 RT: 11.28 min Scan# 1672  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 789UMR-DSP01-01MS

Tot Ion: 75 Resp: 439972  
 Ion Ratio Lower Upper  
 75 100  
 77 41.1 20.8 62.2

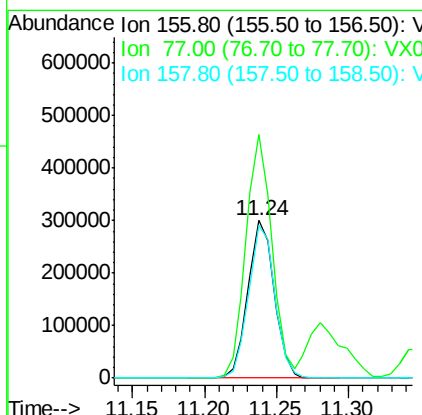
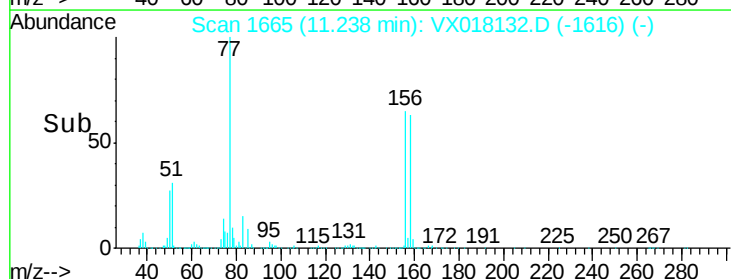
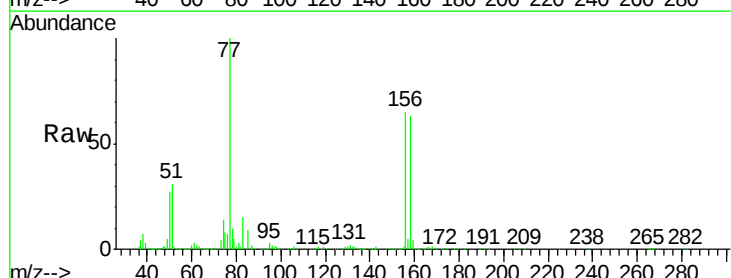
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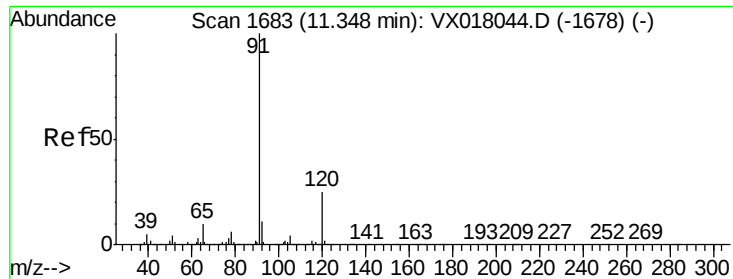
MMDadoda  
 8/31/2020 8:57:47 AM



#77  
 Bromobenzene  
 Concen: 48.089 ug/l  
 RT: 11.24 min Scan# 1665  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

Tgt Ion: 156 Resp: 377560  
 Ion Ratio Lower Upper  
 156 100  
 77 153.4 80.0 240.2  
 158 96.7 49.5 148.7





#78

n-propylbenzene

Concen: 50.099 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion: 91 Resp: 1615718

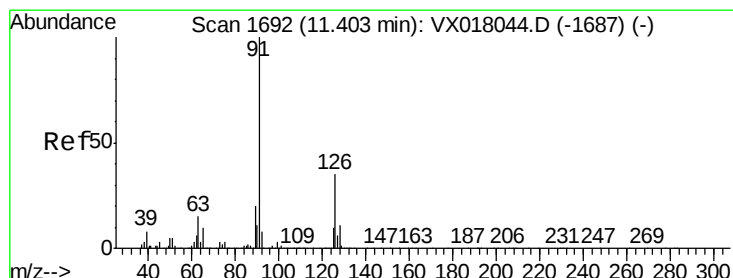
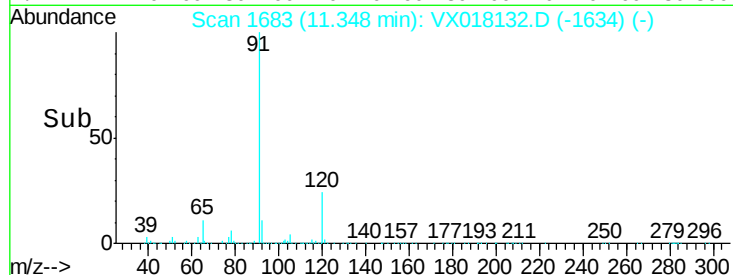
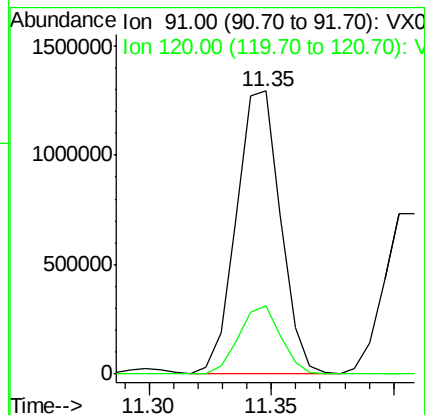
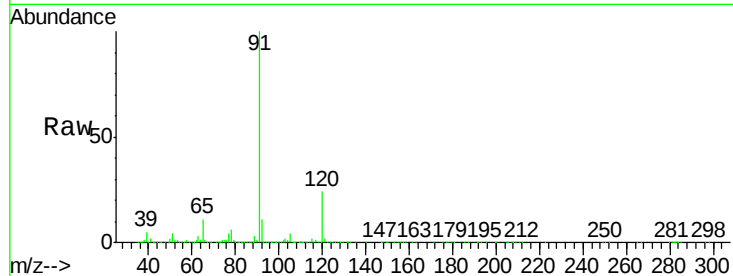
Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.9

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#79

2-Chlorotoluene

Concen: 48.224 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX018132.D

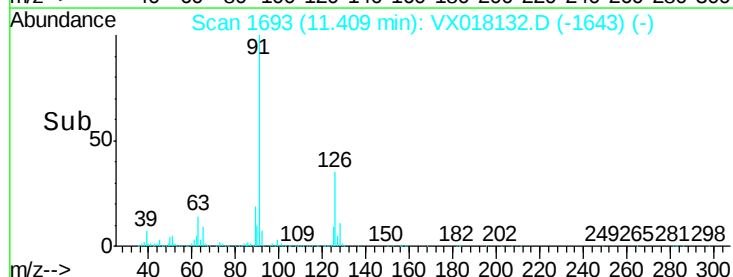
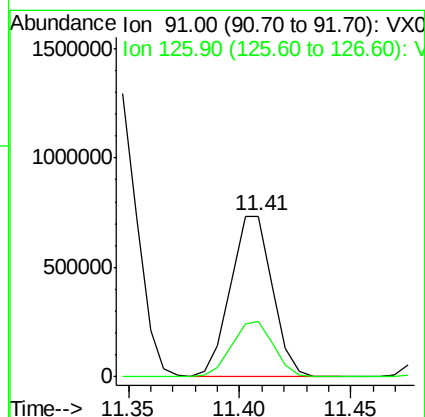
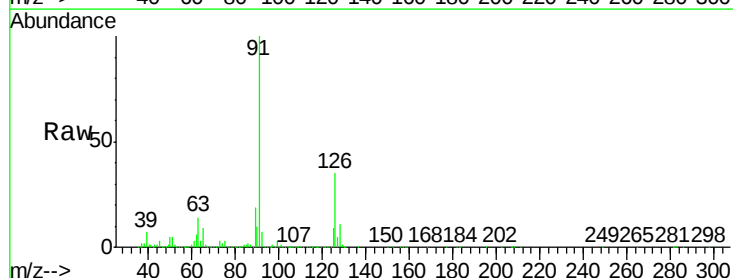
Acq: 28 Aug 2020 19:43

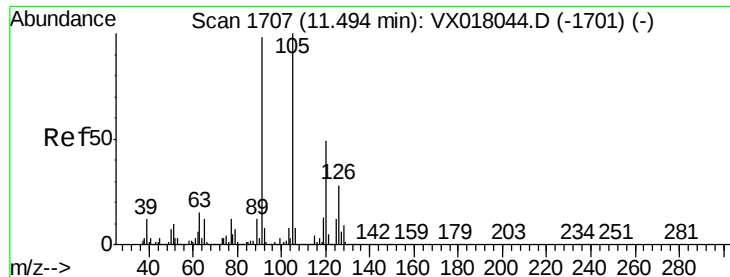
Tgt Ion: 91 Resp: 960872

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.2





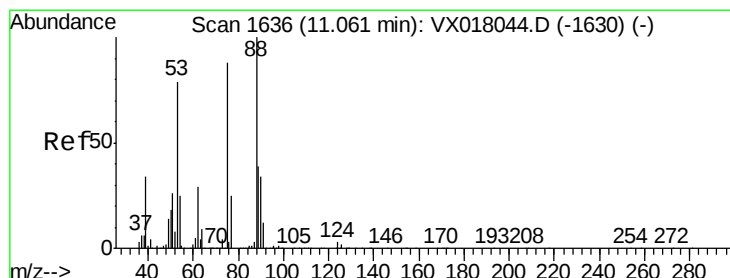
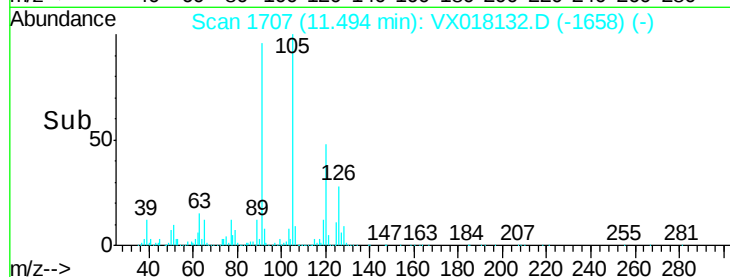
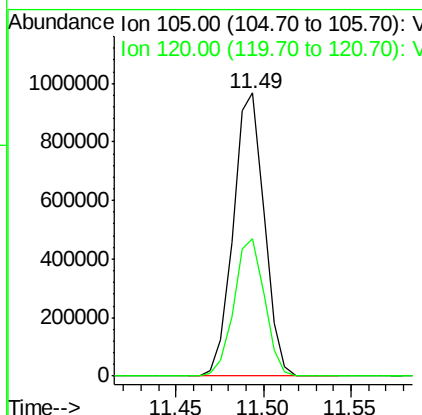
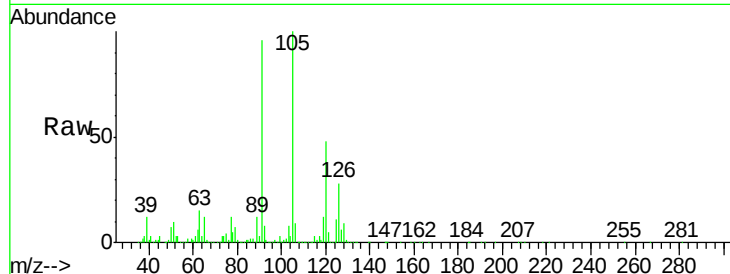
#80  
 1,3,5-Trimethylbenzene  
 Concen: 50.955 ug/l  
 RT: 11.49 min Scan# 1707  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 789UMR-DSP01-01MS

Tot Ion:105 Resp: 1189315  
 Ion Ratio Lower Upper  
 105 100  
 120 48.1 24.1 72.2

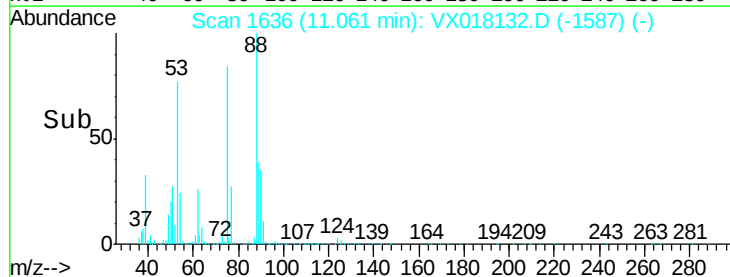
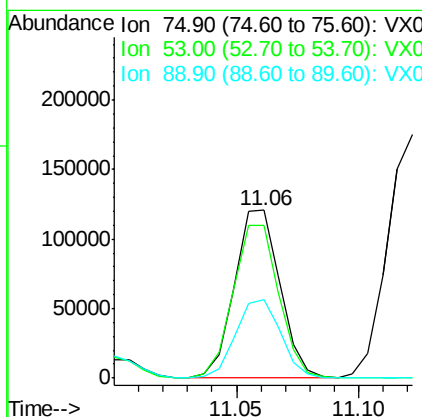
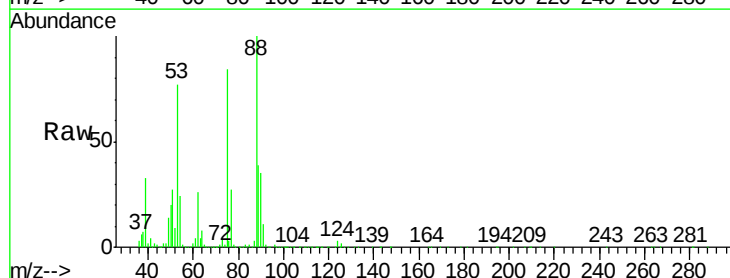
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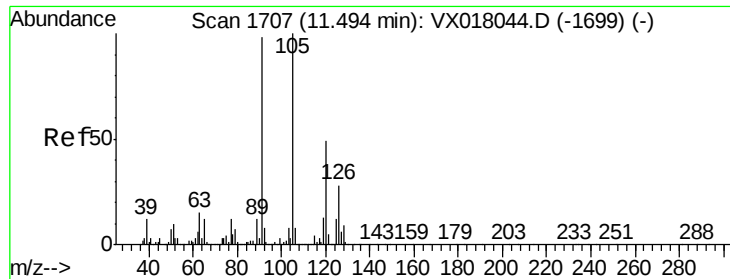
MMDadoda  
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#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 43.667 ug/l  
 RT: 11.06 min Scan# 1636  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

Tgt Ion: 75 Resp: 154872  
 Ion Ratio Lower Upper  
 75 100  
 53 92.0 74.7 112.1  
 89 46.9 36.6 54.8





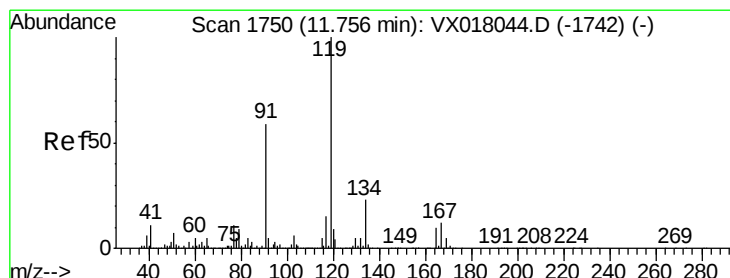
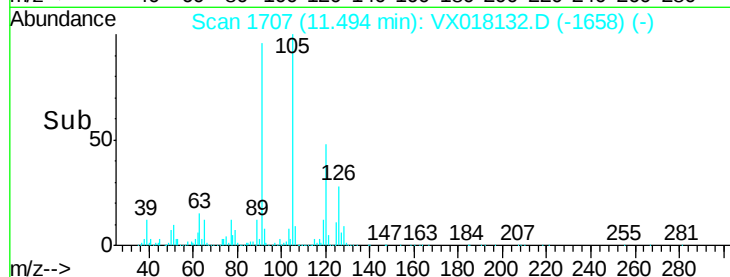
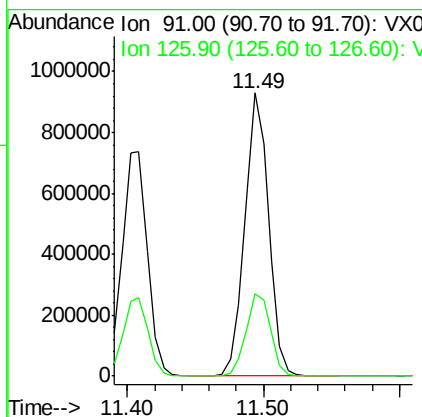
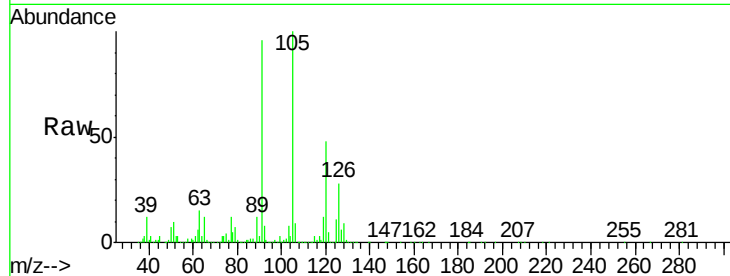
#82  
4-Chlorotoluene  
Concen: 47.910 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
789UMR-DSP01-01MS

Tot Ion: 91 Resp: 1134847  
Ion Ratio Lower Upper  
91 100  
126 30.1 15.1 45.3

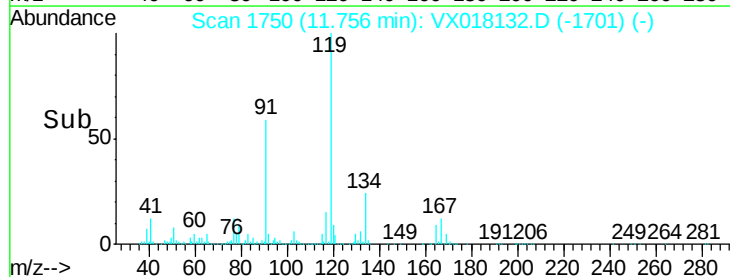
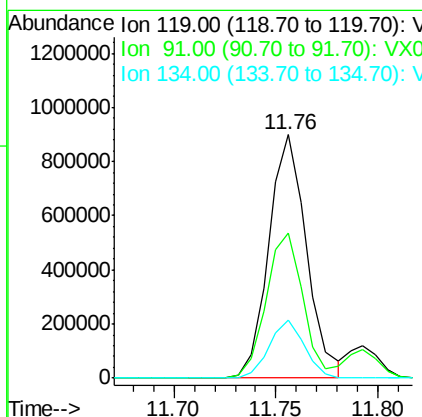
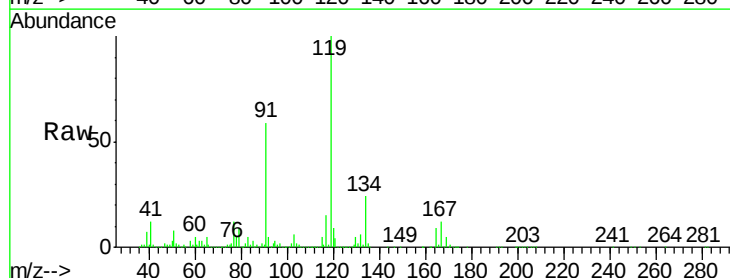
Manual Integrations  
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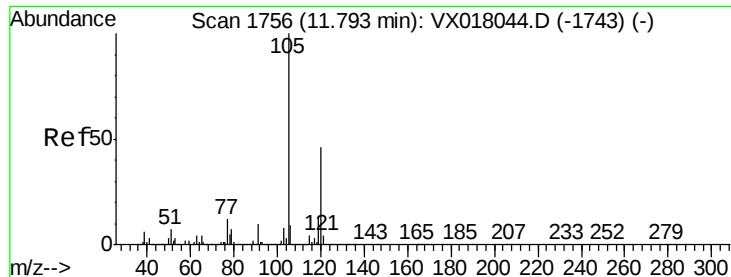
MMDadoda  
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#83  
tert-Butylbenzene  
Concen: 50.322 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. -0.00 min  
Lab File: VX018132.D  
Acq: 28 Aug 2020 19:43

Tgt Ion: 119 Resp: 1159112  
Ion Ratio Lower Upper  
119 100  
91 57.6 28.2 84.7  
134 22.6 11.3 33.8





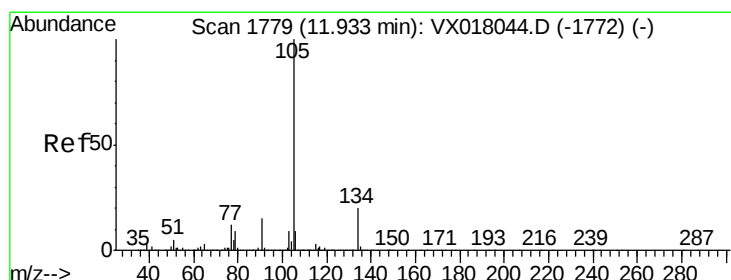
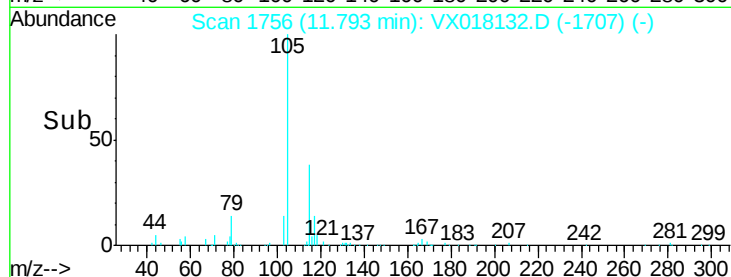
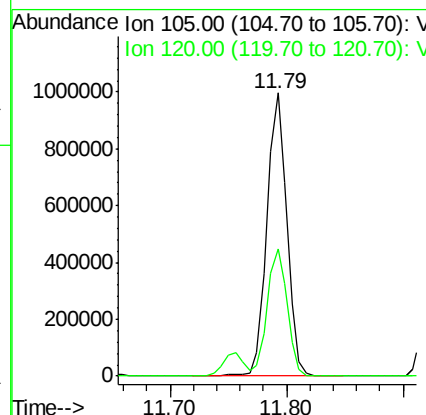
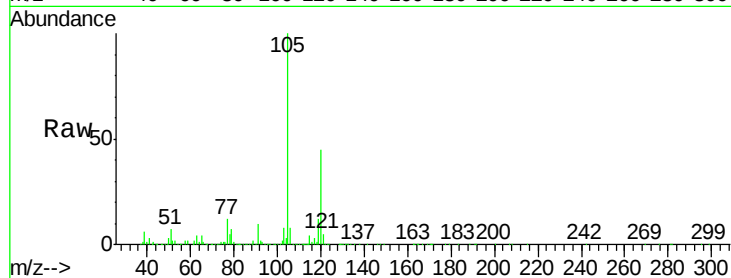
#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.077 ug/l  
 RT: 11.79 min Scan# 1756  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 789UMR-DSP01-01MS

Tot Ion:105 Resp: 1194975  
 Ion Ratio Lower Upper  
 105 100  
 120 44.9 22.3 66.9

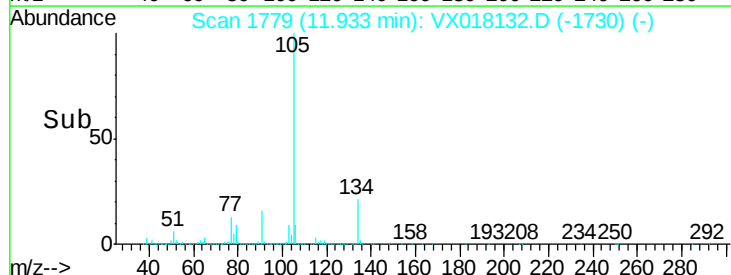
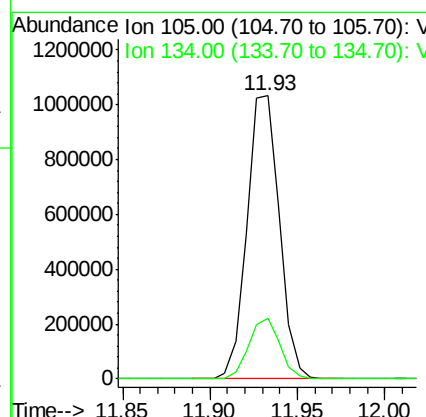
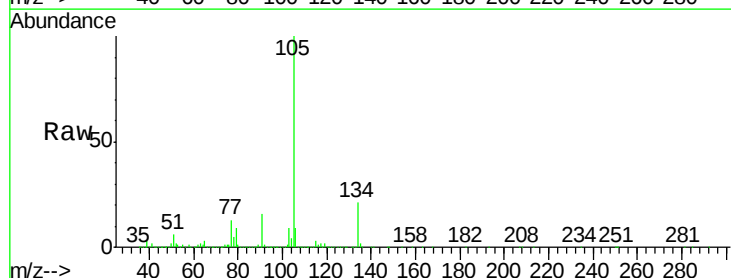
Manual Integrations  
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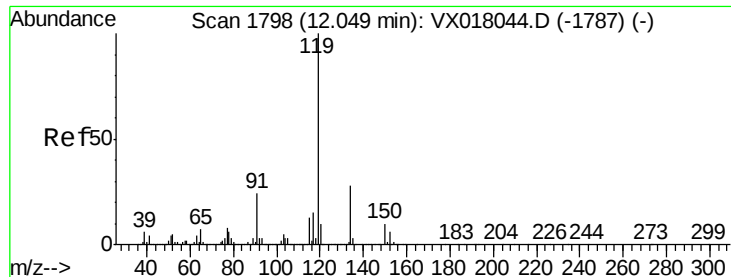
MMDadoda  
 8/31/2020 8:57:47 AM



#85  
 sec-Butylbenzene  
 Concen: 50.677 ug/l  
 RT: 11.93 min Scan# 1779  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

Tgt Ion:105 Resp: 1327436  
 Ion Ratio Lower Upper  
 105 100  
 134 20.6 10.1 30.3





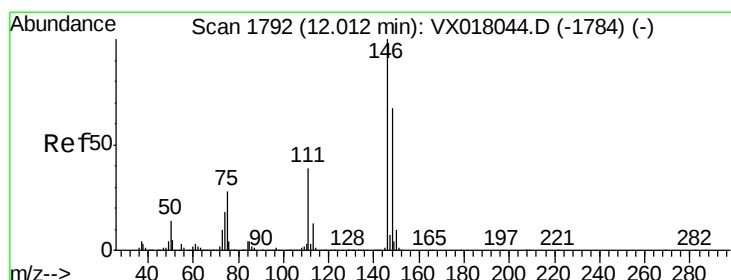
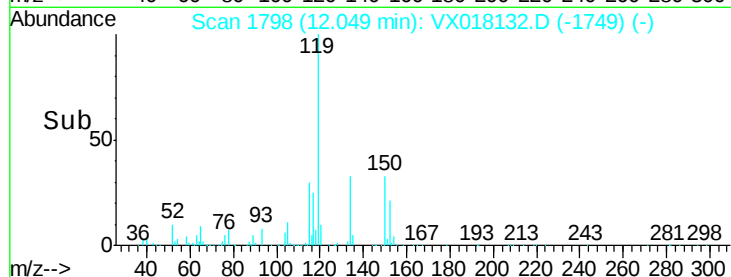
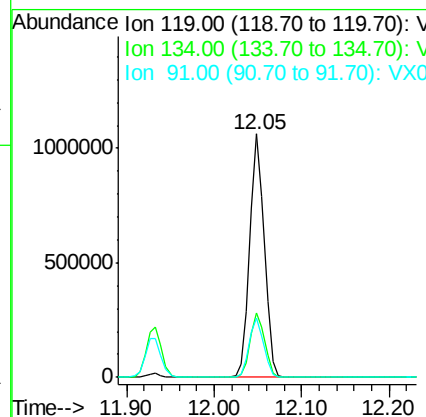
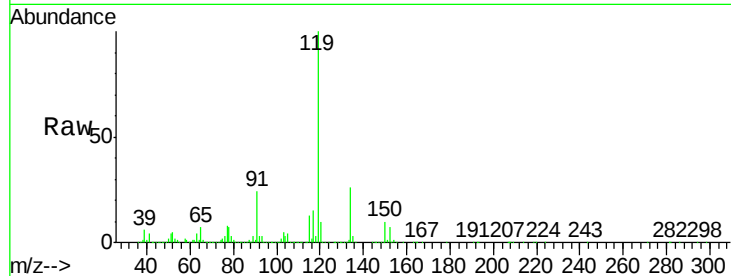
#86  
 p-Isopropyltoluene  
 Concen: 51.182 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 789UMR-DSP01-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.5  | 13.2  | 39.5  |
| 91      | 24.2  | 11.8  | 35.4  |

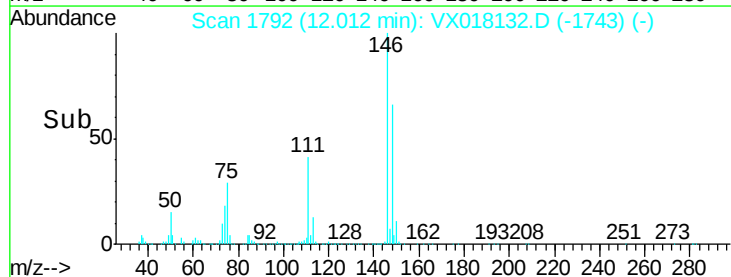
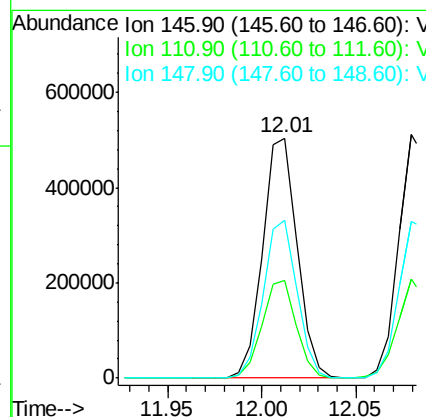
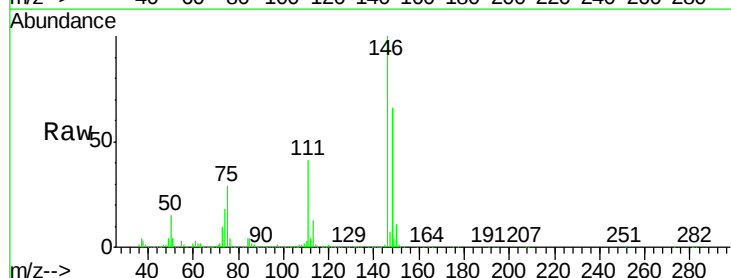
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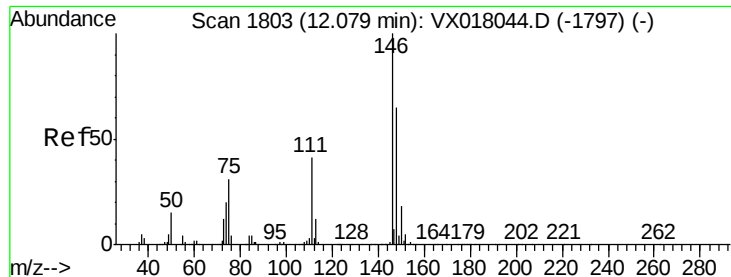
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 8/31/2020 8:57:47 AM



#87  
 1,3-Dichlorobenzene  
 Concen: 46.325 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.3  | 20.6  | 61.8  |
| 148     | 64.3  | 33.1  | 99.2  |





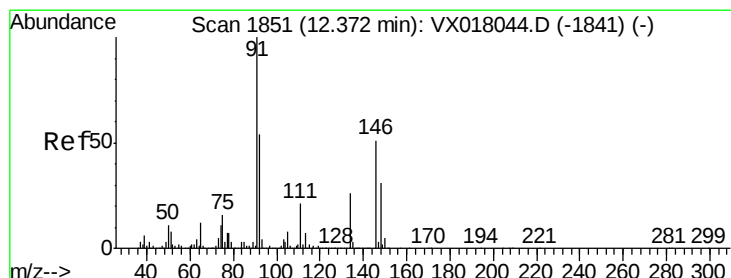
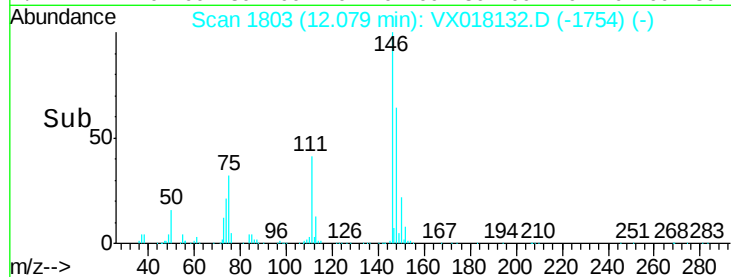
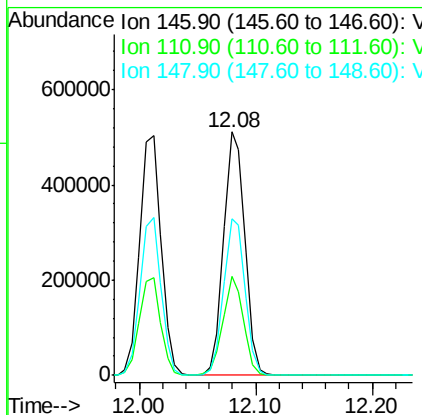
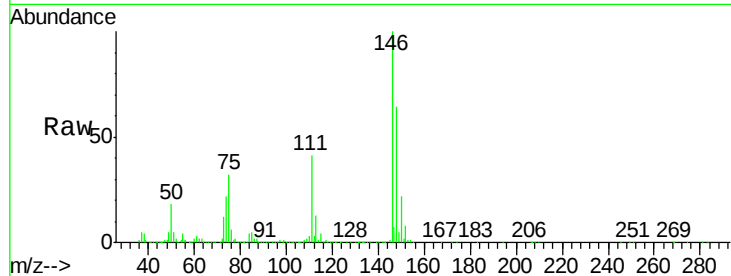
#88  
 1,4-Dichlorobenzene  
 Concen: 46.502 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 789UMR-DSP01-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 20.3  | 60.8  |
| 148     | 64.9  | 33.1  | 99.2  |

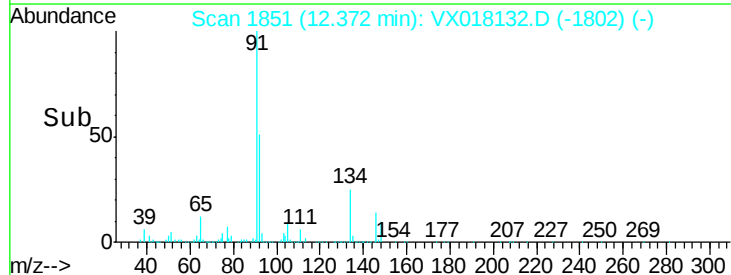
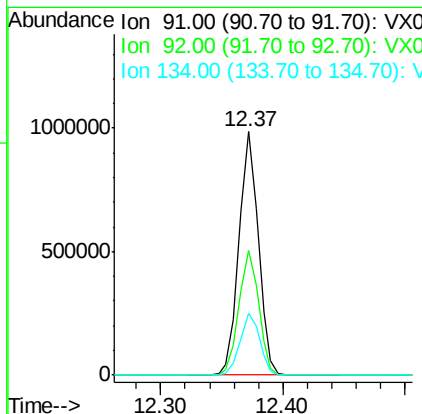
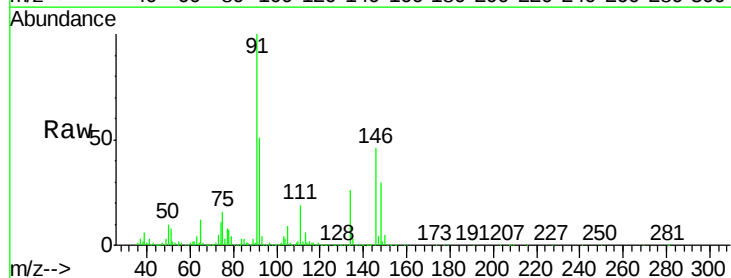
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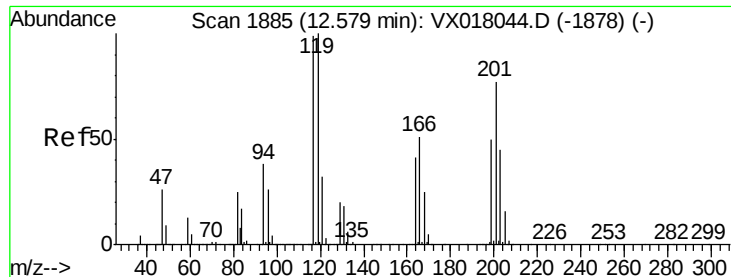
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#89  
 n-Butylbenzene  
 Concen: 48.752 ug/l  
 RT: 12.37 min Scan# 1851  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.3  | 26.4  | 79.2  |
| 134     | 25.9  | 12.9  | 38.7  |





#90

Hexachloroethane

Concen: 51.824 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

ClientSampleId :

789UMR-DSP01-01MS

Tot Ion:117 Resp: 245328

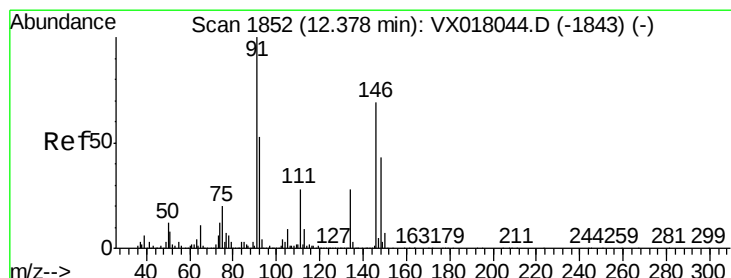
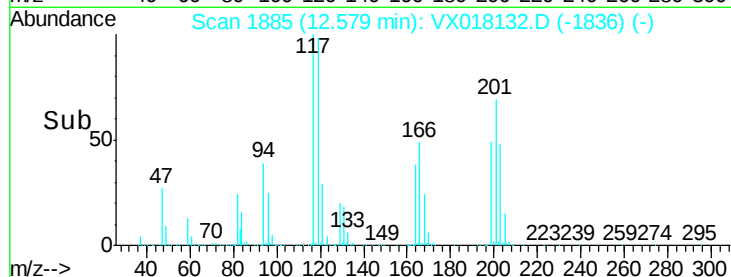
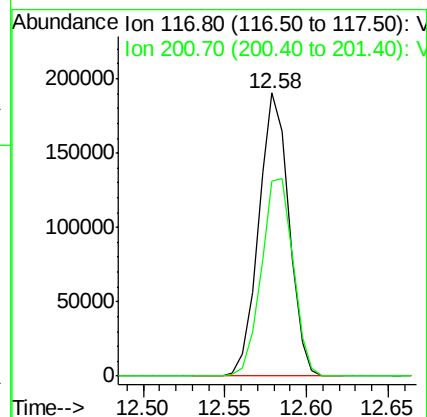
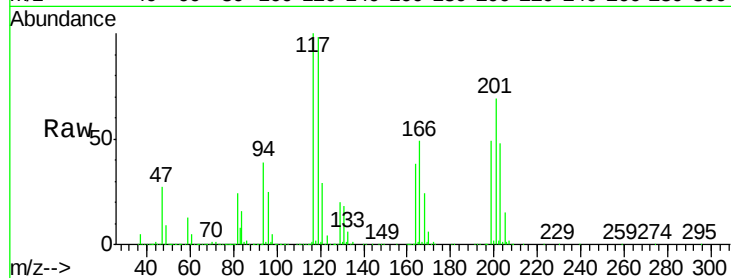
Ion Ratio Lower Upper

117 100

201 73.8 38.5 115.3

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#91

1,2-Dichlorobenzene

Concen: 48.137 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

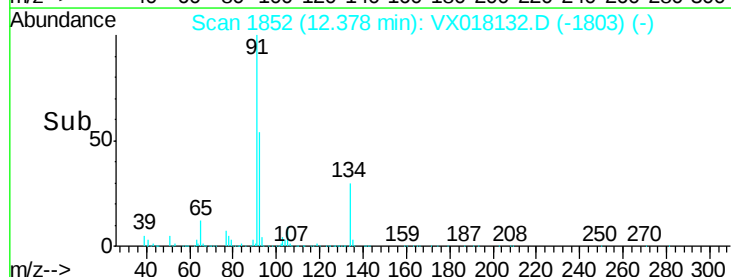
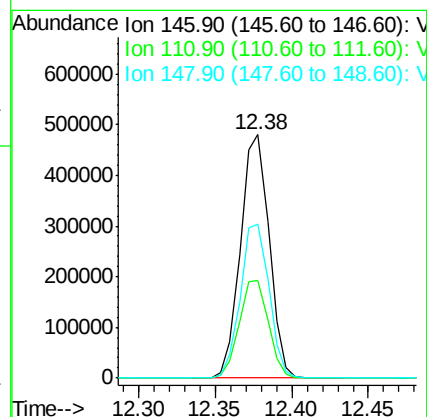
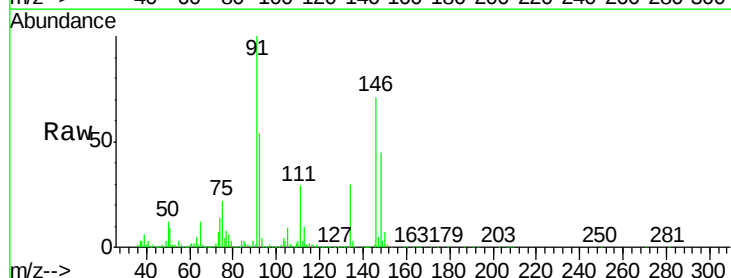
Tgt Ion:146 Resp: 624603

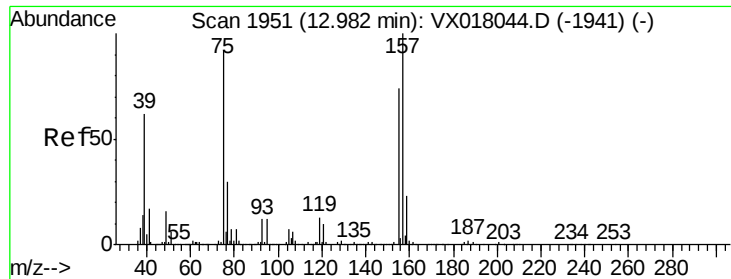
Ion Ratio Lower Upper

146 100

111 41.0 20.8 62.5

148 63.5 31.6 95.0





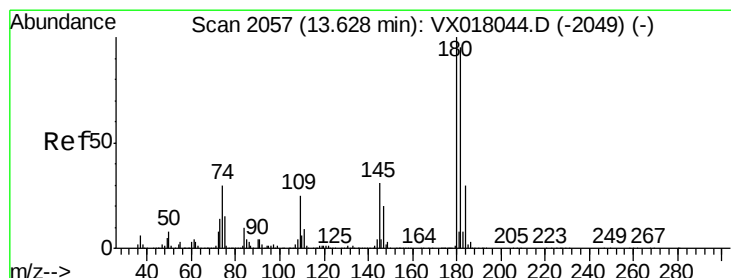
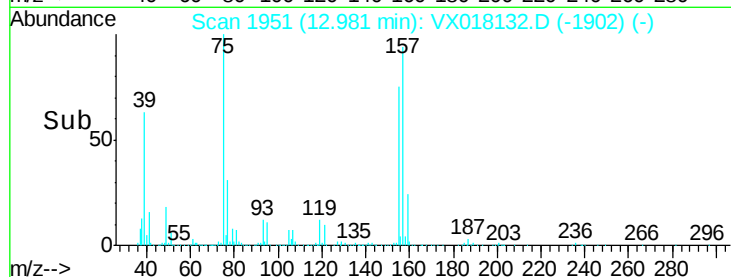
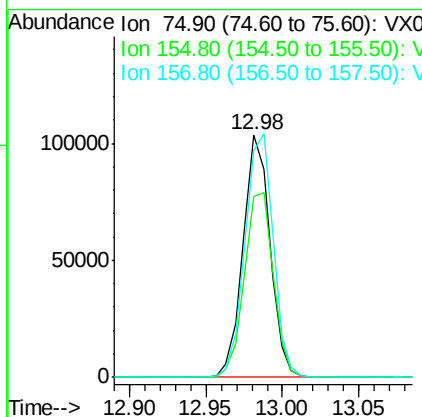
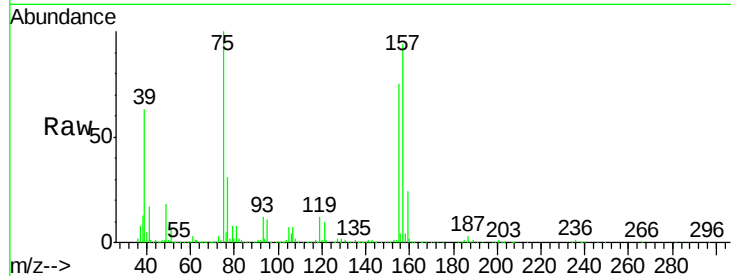
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.628 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 789UMR-DSP01-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 82.0  | 40.2  | 120.6 |
| 157     | 105.5 | 55.0  | 165.2 |

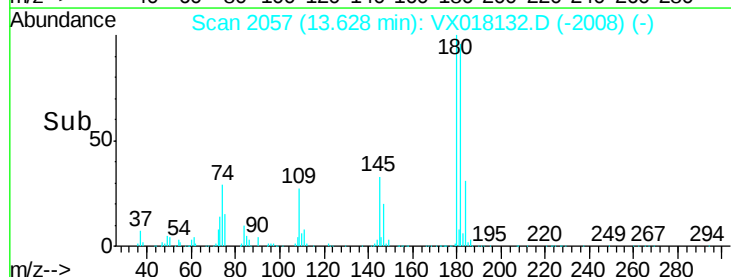
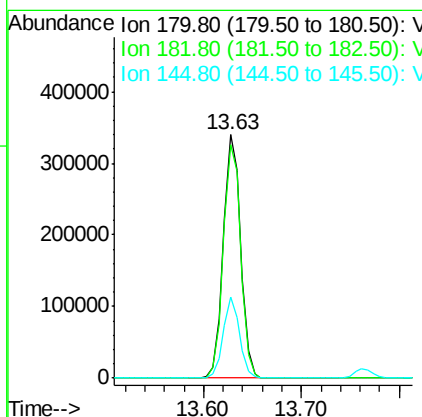
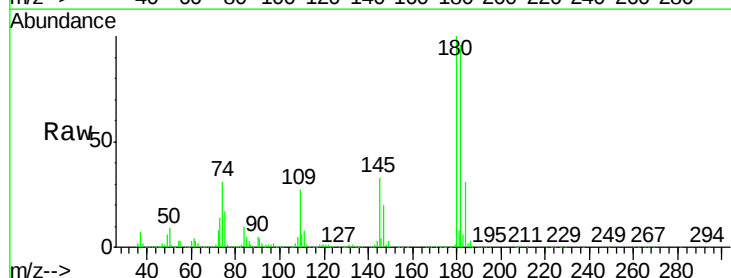
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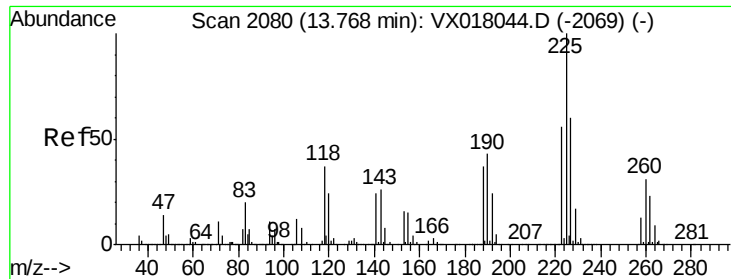
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#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.145 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.4  | 47.5  | 142.6 |
| 145     | 31.4  | 15.7  | 47.1  |





#94

Hexachlorobutadiene

Concen: 48.875 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

Instrument :

MSVOA\_X

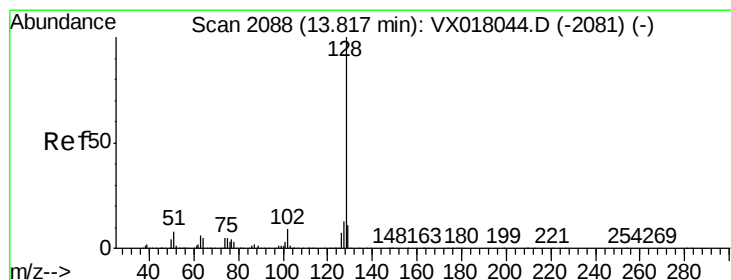
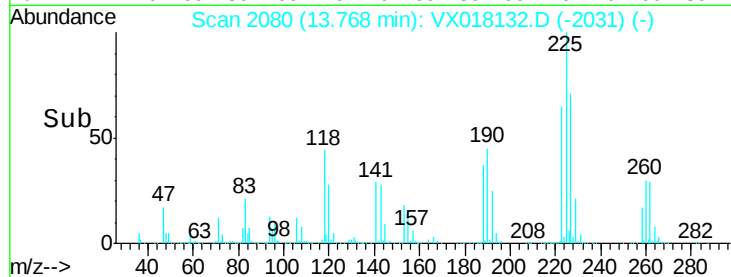
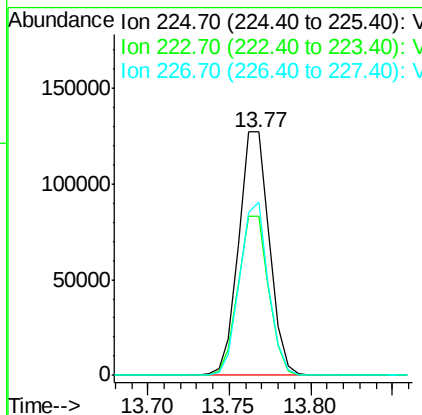
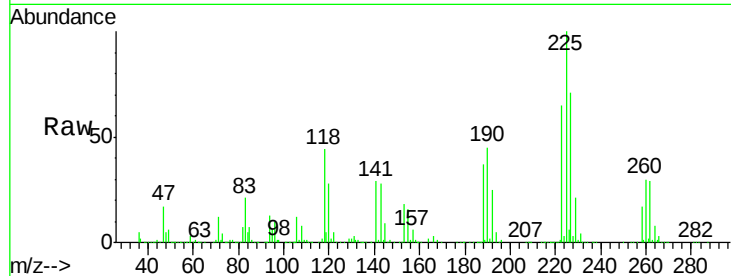
ClientSampleId :

789UMR-DSP01-01MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 225  | Resp: | 166804 |
| Ion Ratio |      | Lower | Upper  |
| 225       | 100  |       |        |
| 223       | 65.1 | 30.7  | 92.1   |
| 227       | 66.5 | 32.6  | 97.8   |

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#95

Naphthalene

Concen: 51.236 ug/l

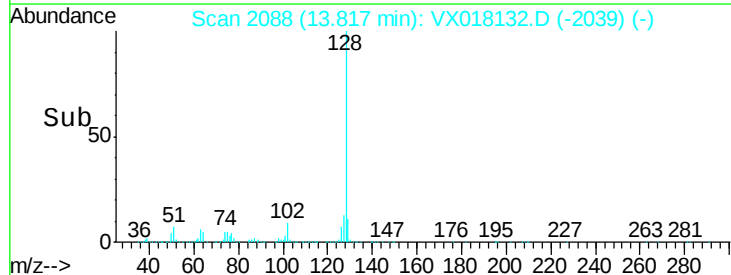
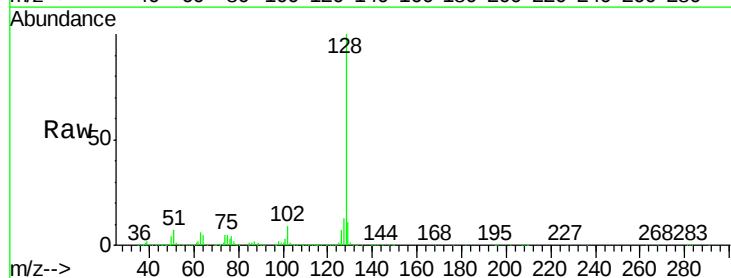
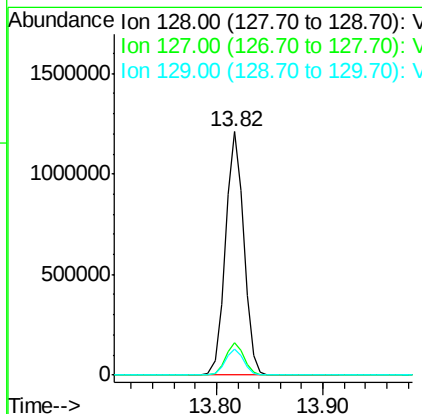
RT: 13.82 min Scan# 2088

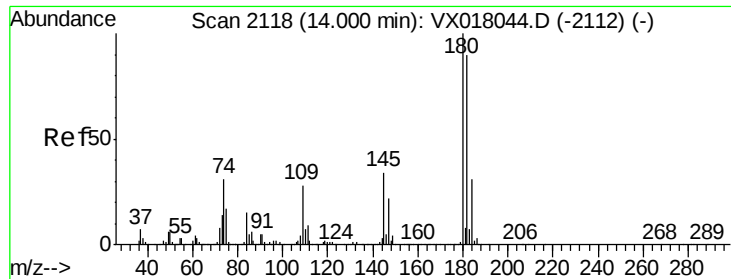
Delta R.T. -0.00 min

Lab File: VX018132.D

Acq: 28 Aug 2020 19:43

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 128  | Resp: | 1458978 |
| Ion Ratio |      | Lower | Upper   |
| 128       | 100  |       |         |
| 127       | 13.2 | 10.2  | 15.2    |
| 129       | 10.8 | 8.7   | 13.1    |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 49.063 ug/l  
 RT: 14.01 min Scan# 2119  
 Delta R.T. 0.01 min  
 Lab File: VX018132.D  
 Acq: 28 Aug 2020 19:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 789UMR-DSP01-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 419468 |       |       |
| 182     | 98.2  | 47.3   | 142.0 |       |
| 145     | 34.6  | 17.5   | 52.6  |       |

Manual Integrations  
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