

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\  
 Data File : VX017993.D  
 Acq On : 19 Aug 2020 18:22  
 Operator : JC/SP  
 Sample : L3718-07MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB181-GW-258-260MS

Manual Integrations  
 APPROVED

MMDadoda  
 8/20/2020 9:17:02 AM

Quant Time: Aug 20 05:27:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 19 05:36:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 448786   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 679219   | 50.00 | ug/l  | -0.01    |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 662972   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 356581   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 307578   | 46.75 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.50%  |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 248754   | 49.18 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.36%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 858060   | 47.99 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.98%  |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 347978   | 52.70 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.40% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85   | 342007   | 50.423  | ug/l  | 98     |
| 3) Chloromethane              | 1.31 | 50   | 299838   | 48.854  | ug/l  | 100    |
| 4) Vinyl Chloride             | 1.39 | 62   | 297660   | 46.985  | ug/l  | 97     |
| 5) Bromomethane               | 1.62 | 94   | 189123   | 55.064  | ug/l  | 97     |
| 6) Chloroethane               | 1.71 | 64   | 171716   | 51.018  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 461568   | 49.114  | ug/l  | 96     |
| 8) Diethyl Ether              | 2.17 | 74   | 131873   | 48.147  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101  | 207867   | 47.028  | ug/l  | 98     |
| 10) Methyl Iodide             | 2.49 | 142  | 213577   | 37.471  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.02 | 59   | 298293   | 234.838 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96   | 186770   | 46.171  | ug/l  | 97     |
| 13) Acrolein                  | 2.28 | 56   | 35057    | 52.247  | ug/l  | 96     |
| 14) Allyl chloride            | 2.71 | 41   | 356493   | 49.413  | ug/l  | 100    |
| 15) Acrylonitrile             | 3.12 | 53   | 706436   | 254.664 | ug/l  | 99     |
| 16) Acetone                   | 2.42 | 43   | 638483   | 246.690 | ug/l  | 100    |
| 17) Carbon Disulfide          | 2.55 | 76   | 525508   | 53.543  | ug/l  | 100    |
| 18) Methyl Acetate            | 2.75 | 43   | 322618   | 49.537  | ug/l  | 98     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73   | 811296   | 52.458  | ug/l  | 99     |
| 20) Methylene Chloride        | 2.84 | 84   | 231008   | 48.444  | ug/l  | 95     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96   | 208002   | 50.018  | ug/l  | 95     |
| 22) Diisopropyl ether         | 3.83 | 45   | 795941   | 52.628  | ug/l  | 98     |
| 23) Vinyl Acetate             | 3.79 | 43   | 2818367  | 243.855 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63   | 424851   | 50.674  | ug/l  | 98     |
| 25) 2-Butanone                | 4.64 | 43   | 992070   | 253.186 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 4.55 | 77   | 353532   | 46.307  | ug/l  | 98     |
| 27) cis-1,2-Dichloroethene    | 4.57 | 96   | 272706   | 55.590  | ug/l  | 97     |
| 28) Bromochloromethane        | 4.98 | 49   | 207736   | 47.946  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 5.09 | 42   | 626336   | 257.377 | ug/l  | 99     |
| 30) Chloroform                | 5.18 | 83   | 461082   | 50.316  | ug/l  | 99     |
| 31) Cyclohexane               | 5.56 | 56   | 371410   | 54.631  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 5.47 | 97   | 423369   | 50.928  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.78 | 75   | 295539   | 51.985  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.80 | 43   | 329643   | 48.462  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 5.76 | 117  | 377111   | 51.254  | ug/l  | 98     |

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 Sample : L3718-07MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB181-GW-258-260MS

Manual Integrations  
 APPROVED

MMDadoda  
 8/20/2020 9:17:02 AM

Quant Time: Aug 20 05:27:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 19 05:36:51 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 366551   | 50.336  | ug/l   | 96       |
| 40) Benzene                    | 6.12  | 78   | 893383   | 52.174  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.01  | 41   | 205281   | 52.653  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 372077   | 51.156  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.42  | 43   | 557850   | 50.803  | ug/l   | 99       |
| 44) Trichloroethene            | 7.19  | 130  | 258477   | 50.903  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 251252   | 51.212  | ug/l   | 97       |
| 46) Dibromomethane             | 7.64  | 93   | 178130   | 52.024  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.88  | 83   | 385081   | 51.805  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.75  | 41   | 293309   | 53.882  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 98407    | 883.022 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 1936178  | 261.889 | ug/l   | 100      |
| 52) Toluene                    | 8.77  | 92   | 597320   | 53.319  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 403661   | 51.345  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 400717   | 48.885  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 264188   | 51.333  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 391645   | 53.823  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 422999   | 51.752  | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.48  | 43   | 1497380  | 267.291 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.57  | 129  | 333532   | 51.890  | ug/l   | 95       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 277812   | 48.733  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 230997   | 45.625  | ug/l   | 93       |
| 65) Chlorobenzene              | 10.12 | 112  | 668074   | 50.766  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 287635   | 51.670  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.24 | 91   | 1158152  | 53.384  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.34 | 106  | 889639   | 106.517 | ug/l   | 97       |
| 69) o-Xylene                   | 10.68 | 106  | 441054   | 54.762  | ug/l   | 97       |
| 70) Stvrene                    | 10.70 | 104  | 769027   | 55.346  | ug/l   | 100      |
| 71) Bromoform                  | 10.84 | 173  | 257897   | 51.616  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.00 | 105  | 1177702  | 51.313  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 512627   | 50.215  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 409229   | 51.112  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 377736m  | 49.812  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 321888   | 50.550  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.35 | 91   | 1375273  | 51.231  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 844762   | 51.637  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 1035082  | 51.378  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 144160   | 49.942  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 996283   | 51.786  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 1036969  | 54.504  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 1056789  | 50.669  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 1180306  | 51.391  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 1118800  | 52.367  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 575900   | 49.691  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 581178   | 51.186  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.37 | 91   | 931392   | 52.674  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 221559   | 52.143  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 548786   | 51.294  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 105275   | 51.618  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene     | 13.63 | 180  | 365836   | 51.977  | ug/l   | 97       |

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Sample : L3718-07MS  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

Manual Integrations  
APPROVED

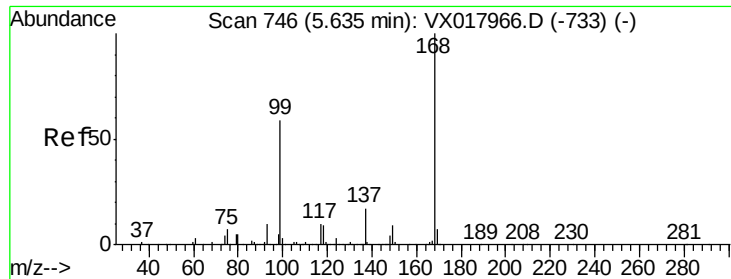
MMDadoda  
8/20/2020 9:17:02 AM

Quant Time: Aug 20 05:27:06 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 19 05:36:51 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 94) Hexachlorobutadiene    | 13.77 | 225  | 147668   | 49.161 | ug/l  | 96       |
| 95) Naphthalene            | 13.82 | 128  | 1223613  | 55.075 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 370030   | 51.701 | 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. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB181-GW-258-260MS

Tot Ion:168 Resp: 448786

Ion Ratio Lower Upper

168 100

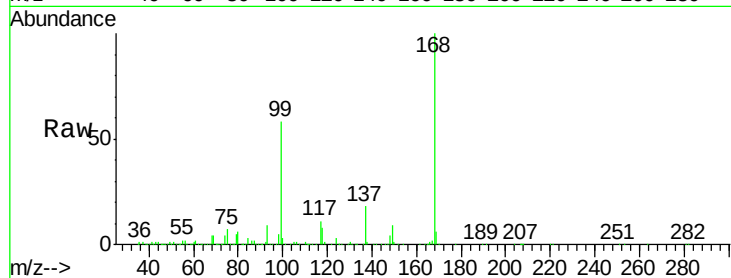
99 57.7 47.4 71.2

Manual Integrations

APPROVED

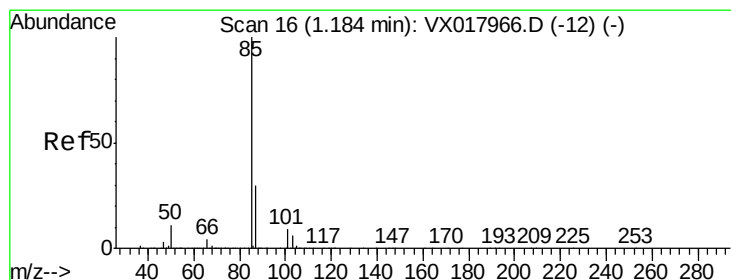
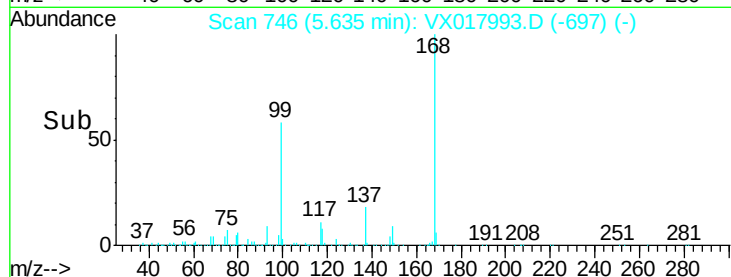
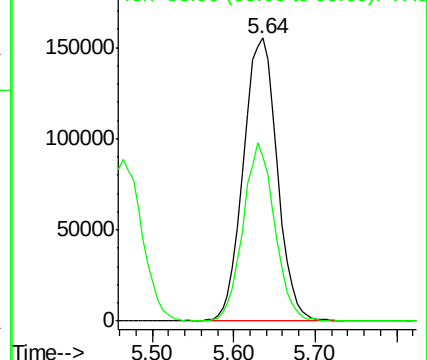
MMDadoda

8/20/2020 9:17:02 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.423 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017993.D

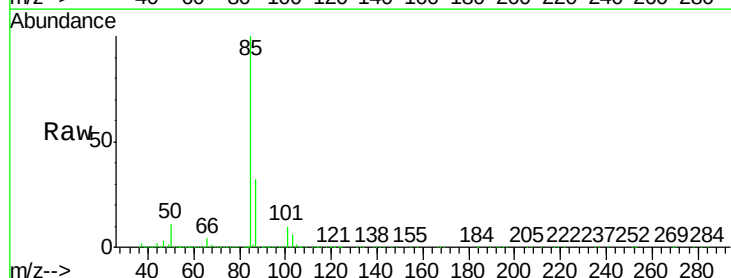
Acq: 19 Aug 2020 18:22

Tgt Ion: 85 Resp: 342007

Ion Ratio Lower Upper

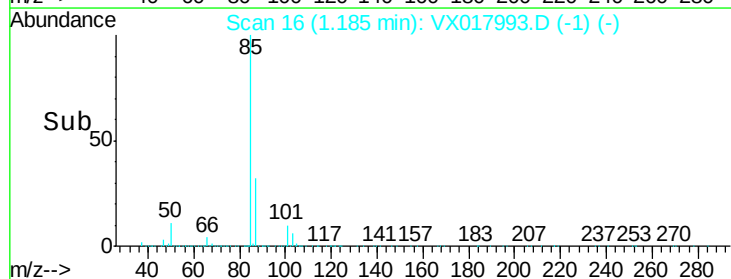
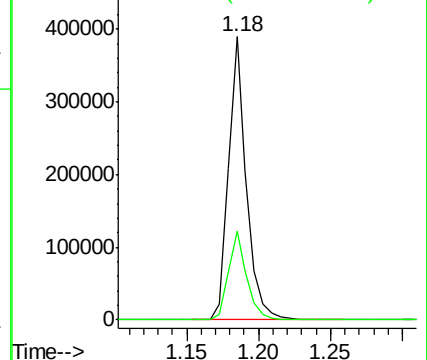
85 100

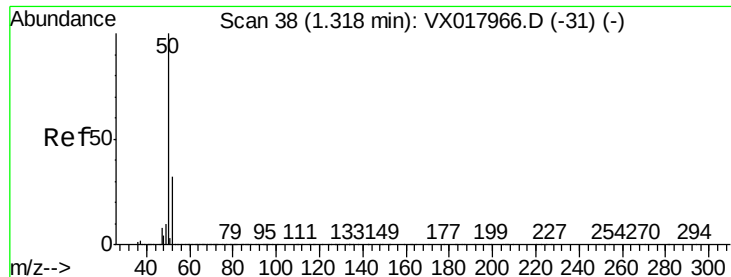
87 31.6 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.854 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB181-GW-258-260MS

Tot Ion: 50 Resp: 299838

Ion Ratio Lower Upper

50 100

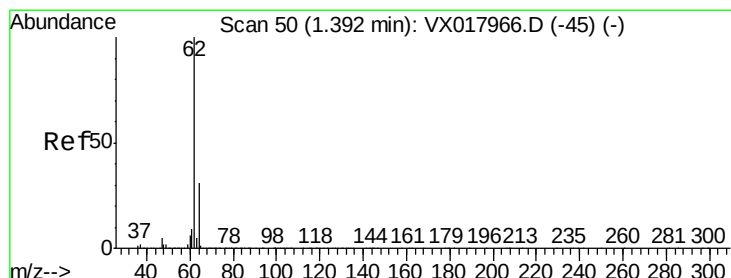
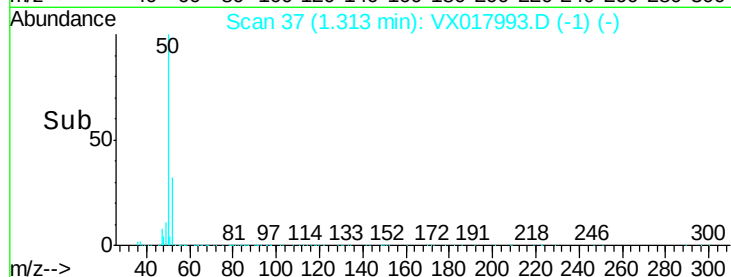
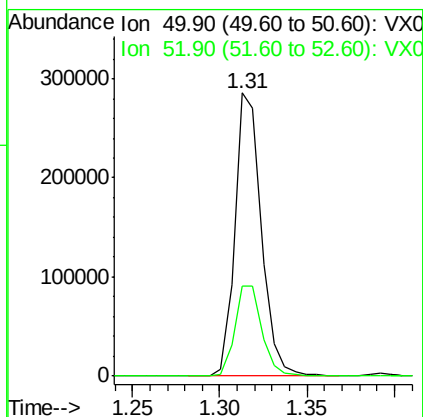
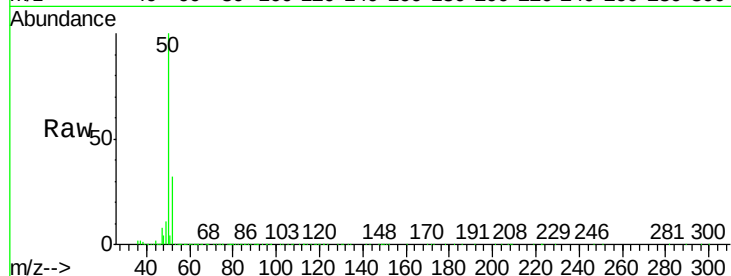
52 31.7 25.4 38.0

Manual Integrations

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8/20/2020 9:17:02 AM



#4

Vinyl Chloride

Concen: 46.985 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017993.D

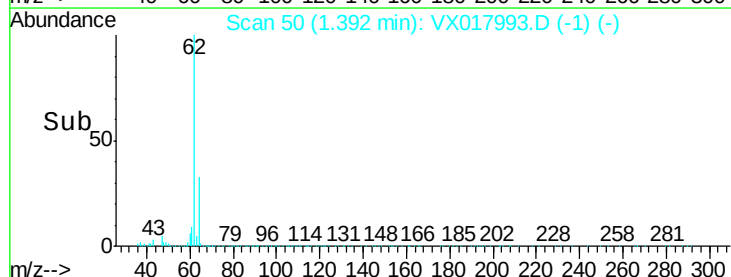
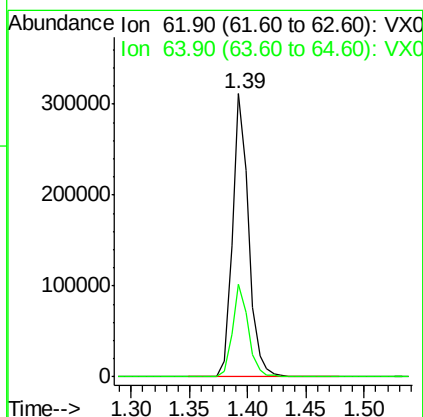
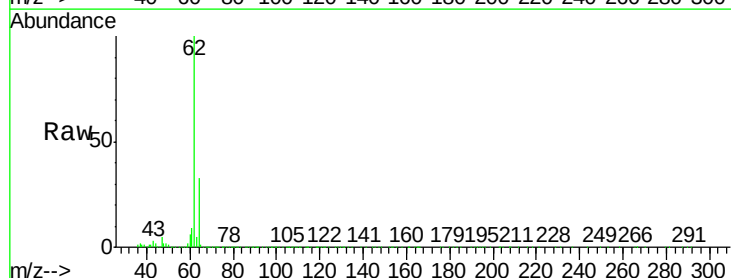
Acq: 19 Aug 2020 18:22

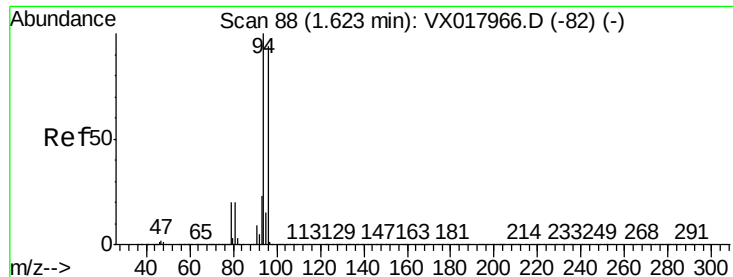
Tgt Ion: 62 Resp: 297660

Ion Ratio Lower Upper

62 100

64 32.6 24.7 37.1





#5

Bromomethane

Concen: 55.064 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB181-GW-258-260MS

Tot Ion: 94 Resp: 189123

Ion Ratio Lower Upper

94 100

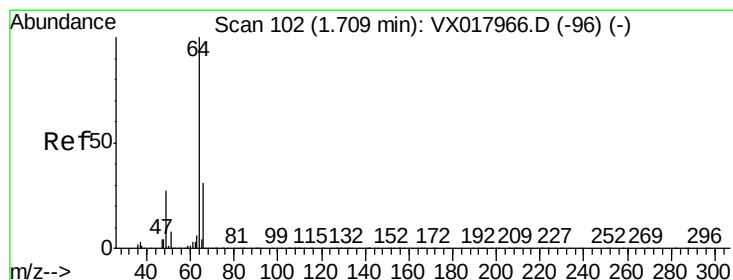
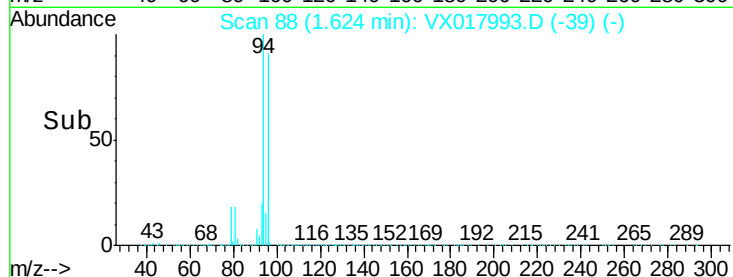
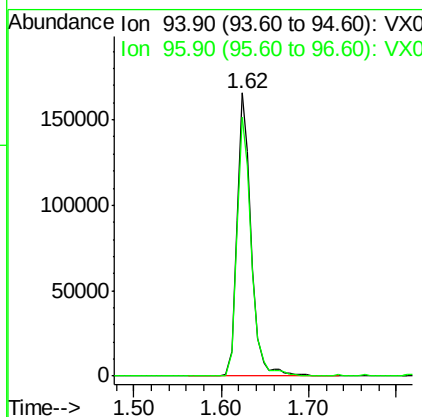
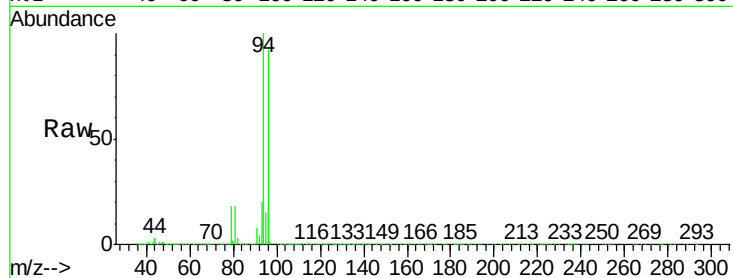
96 91.4 75.5 113.3

Manual Integrations

APPROVED

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8/20/2020 9:17:02 AM



#6

Chloroethane

Concen: 51.018 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017993.D

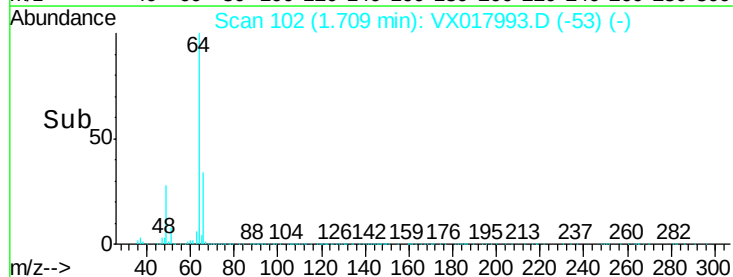
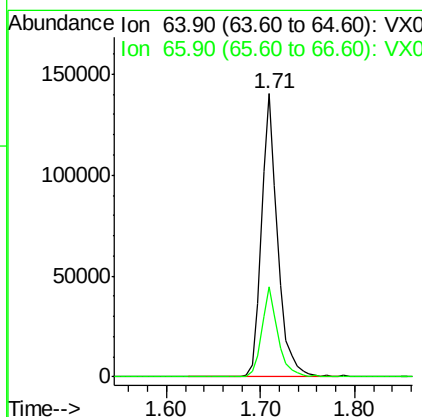
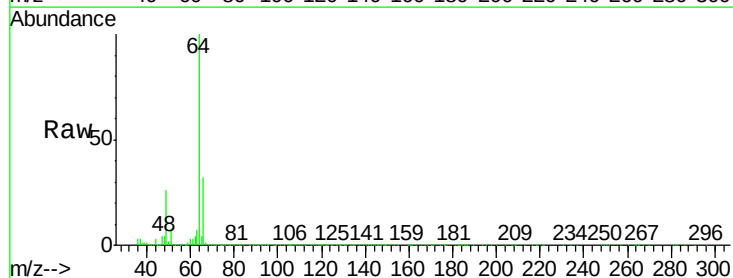
Acq: 19 Aug 2020 18:22

Tgt Ion: 64 Resp: 171716

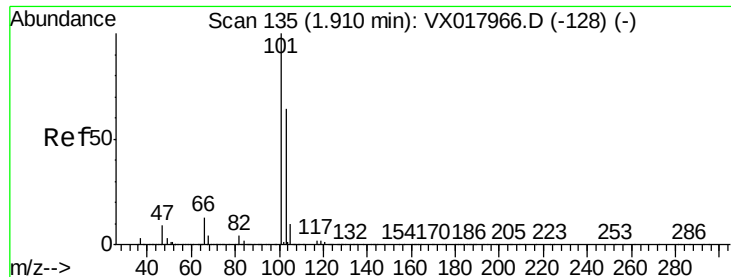
Ion Ratio Lower Upper

64 100

66 31.5 25.0 37.4







#7

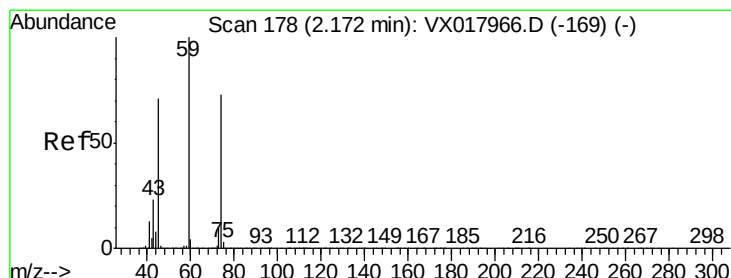
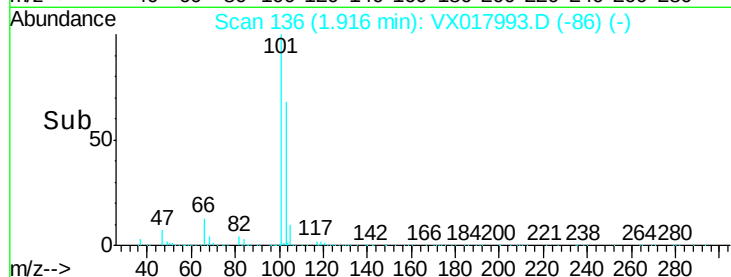
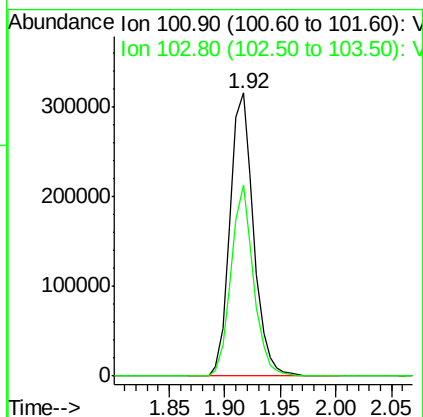
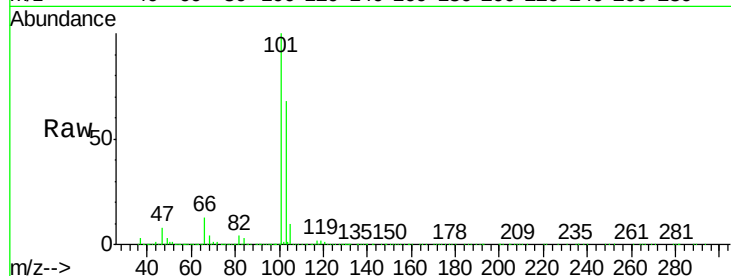
Trichlorofluoromethane  
Concen: 49.114 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. 0.01 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 67.5  | 51.2  | 76.8  |

Manual Integrations  
APPROVED

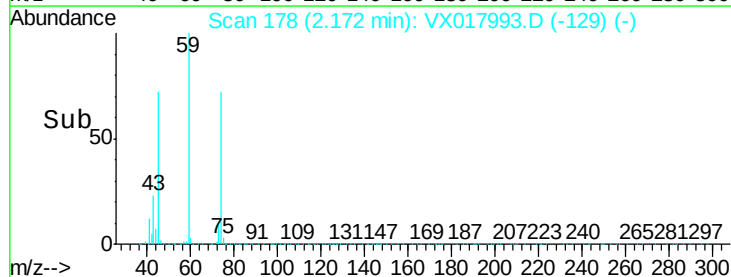
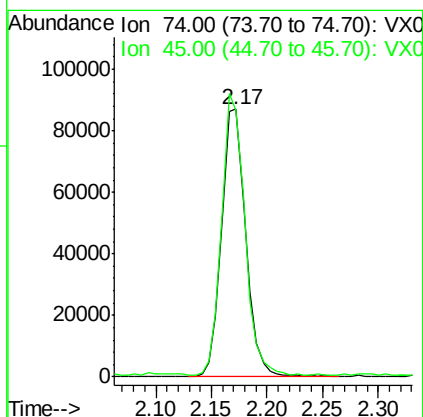
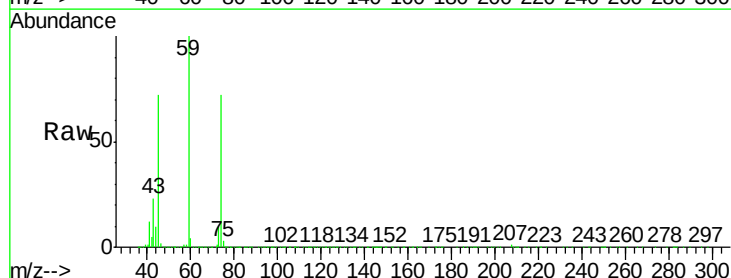
MMDadoda  
8/20/2020 9:17:02 AM



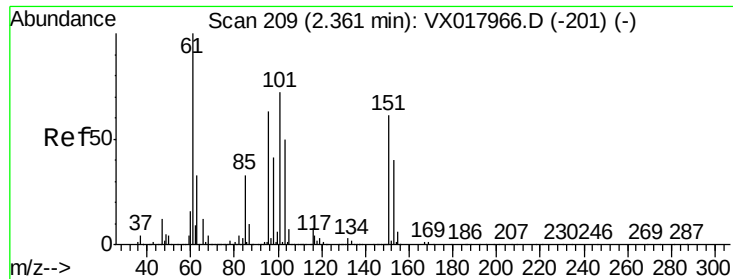
#8

Diethyl Ether  
Concen: 48.147 ug/l  
RT: 2.17 min Scan# 178  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 100.1 | 50.5  | 151.6 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.028 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

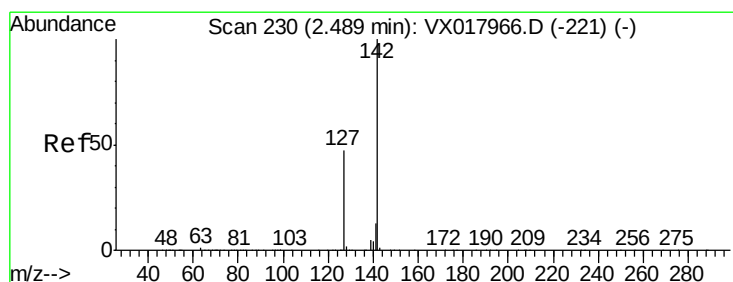
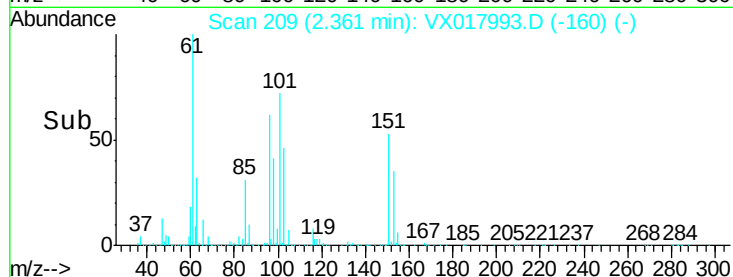
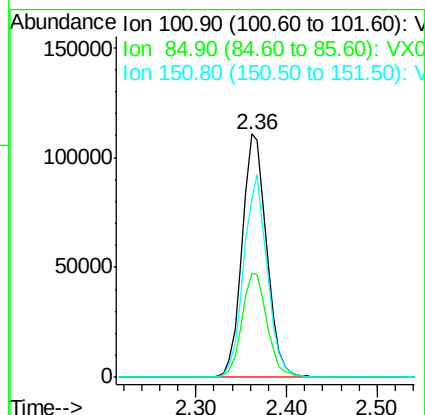
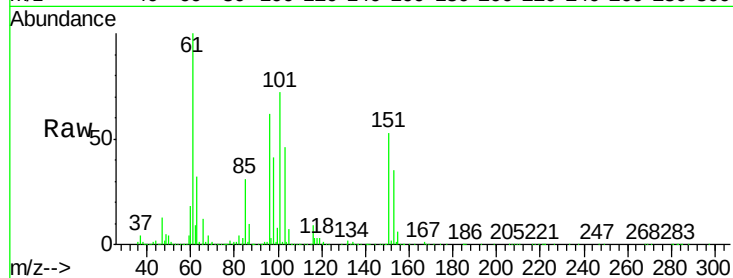
ClientSampleId :

BP-VPB181-GW-258-260MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 207867 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.6  | 35.4  | 53.2   |
| 151       | 79.8  | 65.4  | 98.0   |

Manual Integrations  
APPROVED

MMDadoda  
8/20/2020 9:17:02 AM



#10

Methyl Iodide

Concen: 37.471 ug/l

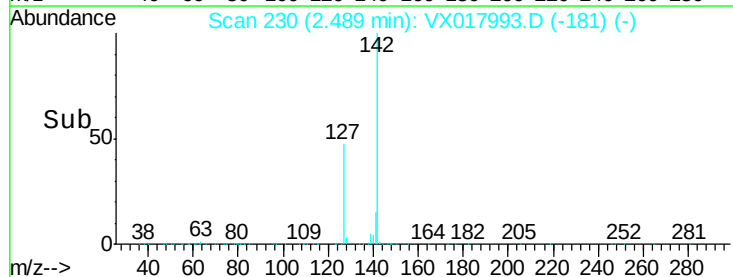
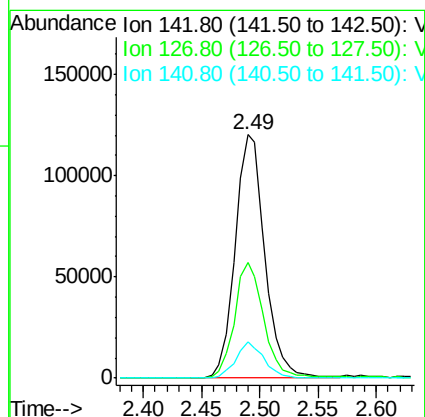
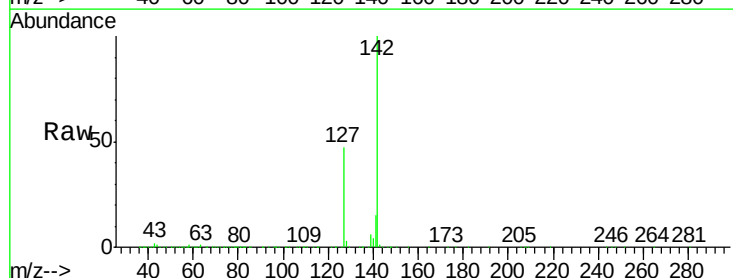
RT: 2.49 min Scan# 230

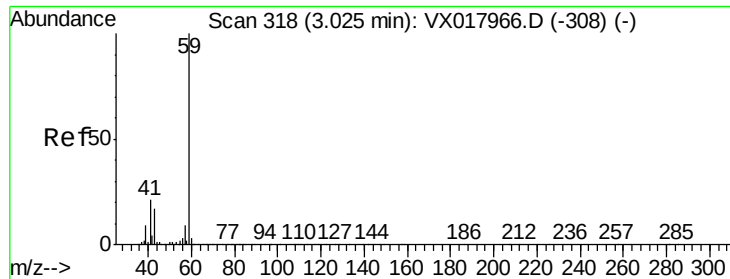
Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 213577 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 47.1  | 38.0  | 57.0   |
| 141       | 14.2  | 11.2  | 16.8   |





#11

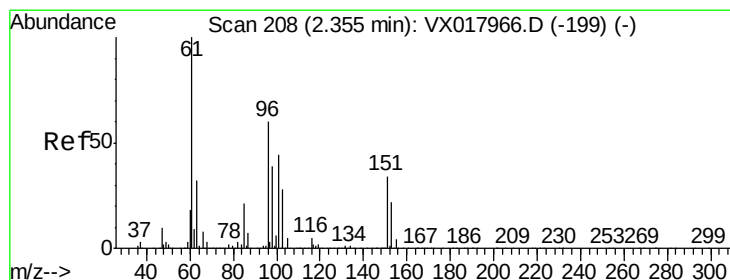
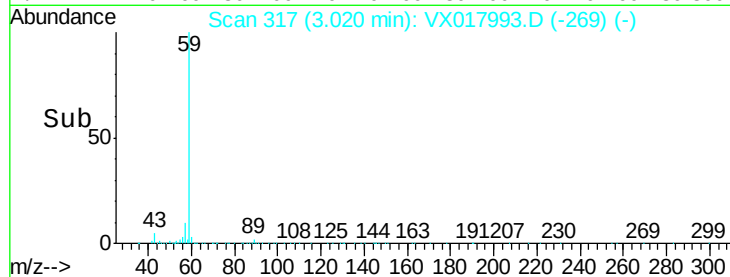
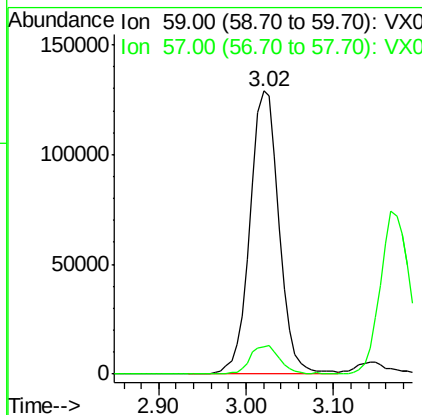
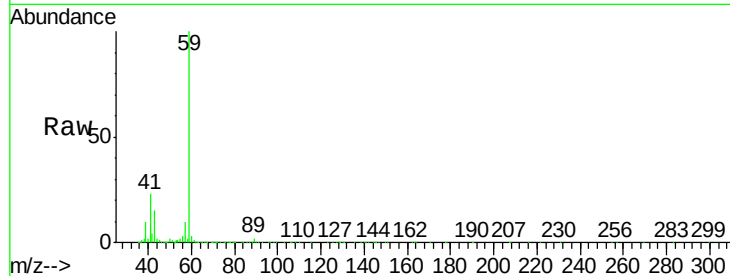
Tert butyl alcohol  
Concen: 234.838 ug/l  
RT: 3.02 min Scan# 317  
Delta R.T. -0.01 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 59      | 100   | 298293 |       |       |
| 57      | 10.3  |        | 8.6   | 13.0  |

Manual Integrations  
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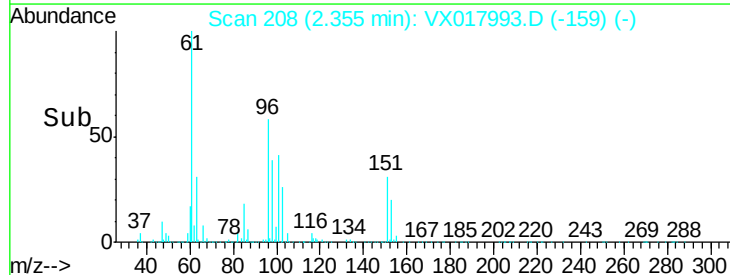
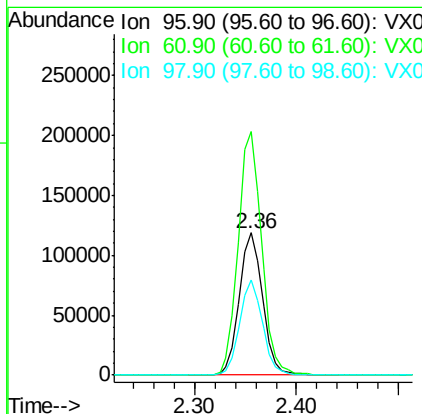
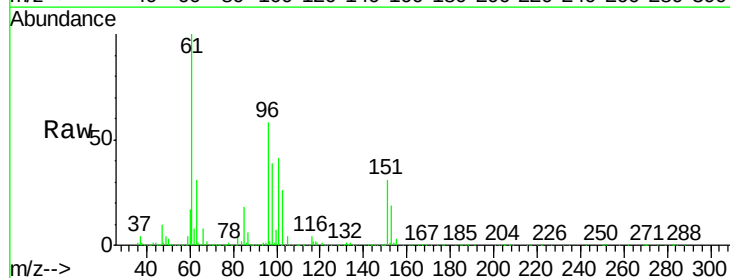
MMDadoda  
8/20/2020 9:17:02 AM

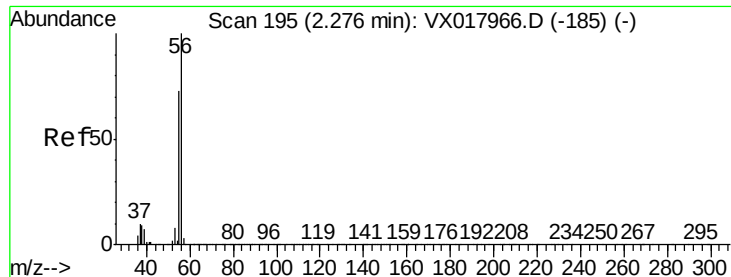


#12

1,1-Dichloroethene  
Concen: 46.171 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 186770 |       |       |
| 61      | 170.9 |        | 132.9 | 199.3 |
| 98      | 66.7  |        | 51.6  | 77.4  |





#13

Acrolein

Concen: 52.247 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

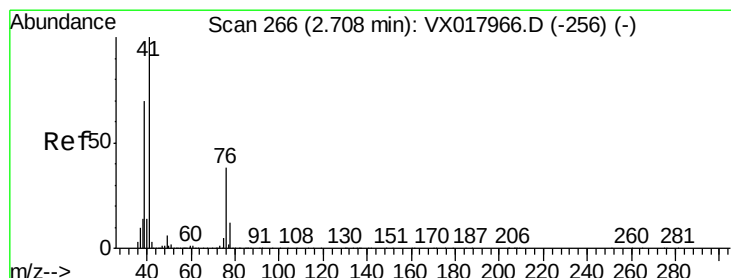
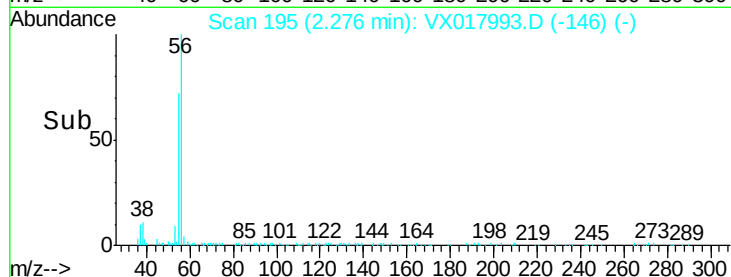
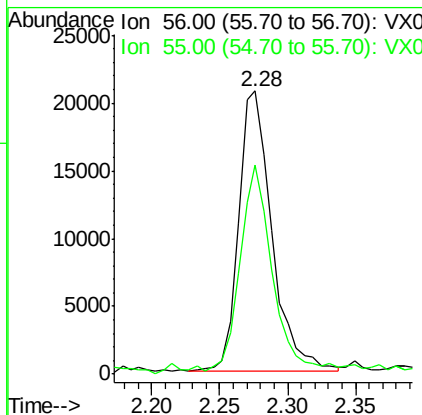
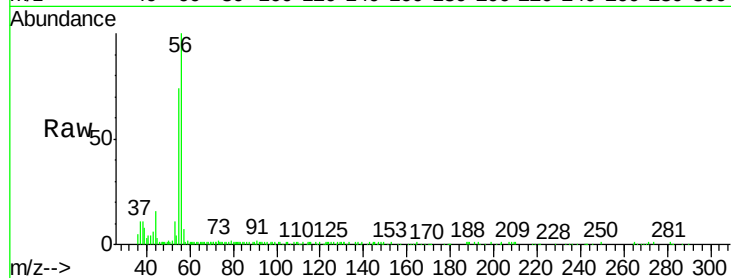
ClientSampleId :

BP-VPB181-GW-258-260MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 56    | Resp: | 35057 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 55        | 69.5  | 58.2  | 87.4  |

Manual Integrations  
APPROVED

MMDadoda  
8/20/2020 9:17:02 AM



#14

Allyl chloride

Concen: 49.413 ug/l

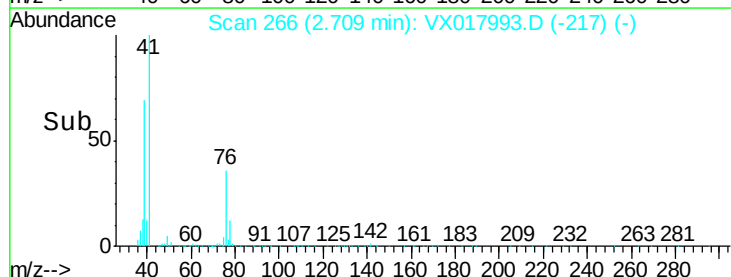
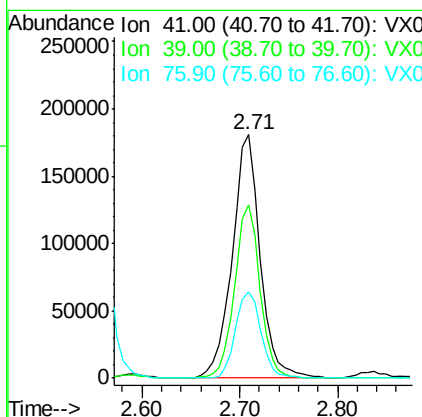
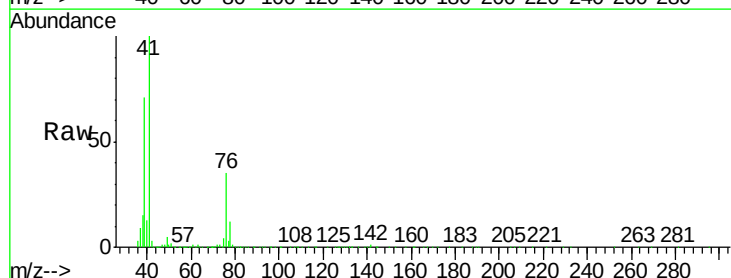
RT: 2.71 min Scan# 266

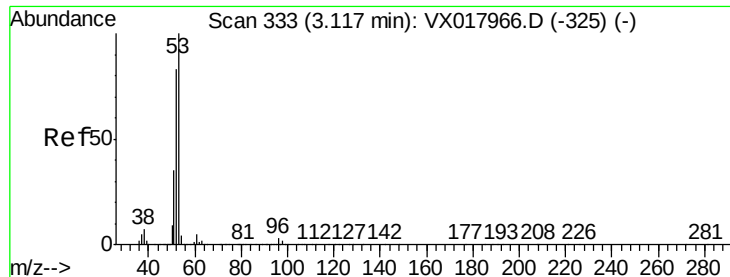
Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 356493 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 39        | 64.6  | 51.7  | 77.5   |
| 76        | 32.3  | 26.3  | 39.5   |





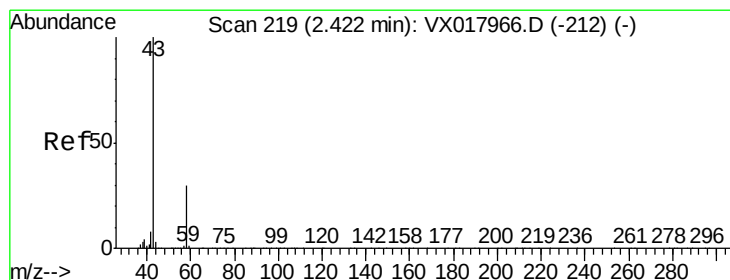
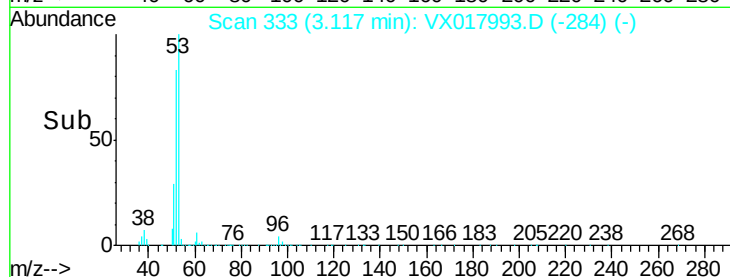
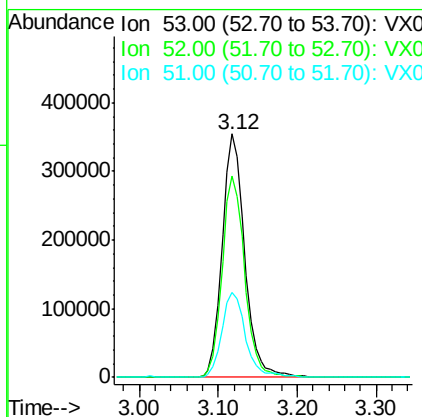
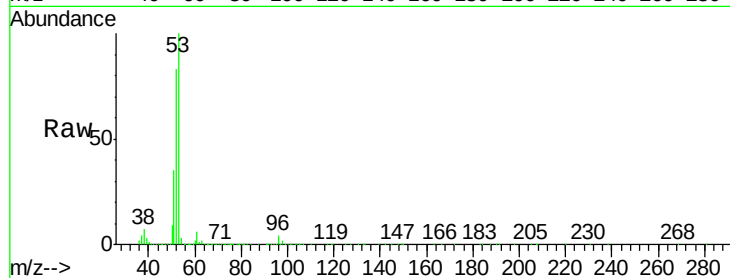
#15  
 Acrylonitrile  
 Concen: 254.664 ug/l  
 RT: 3.12 min Scan# 333  
 Delta R.T. 0.00 min  
 Lab File: VX017993.D  
 Acq: 19 Aug 2020 18:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB181-GW-258-260MS

| Tot Ion | 53    | Resp  | 706436 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 53      | 100   |       |        |
| 52      | 82.4  | 67.1  | 100.7  |
| 51      | 36.6  | 29.2  | 43.8   |

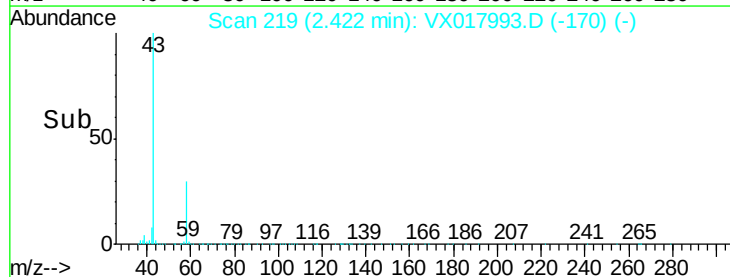
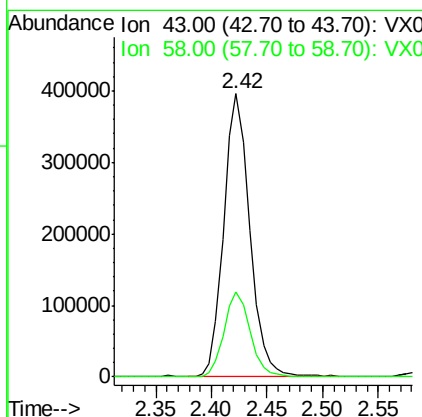
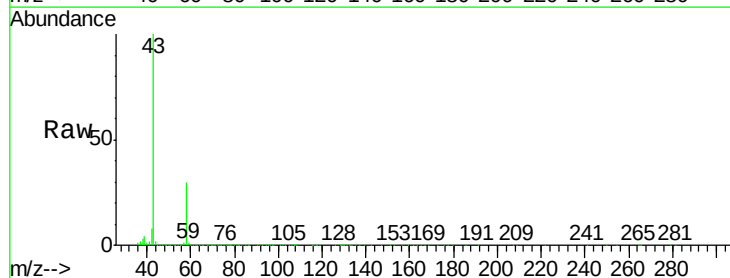
Manual Integrations  
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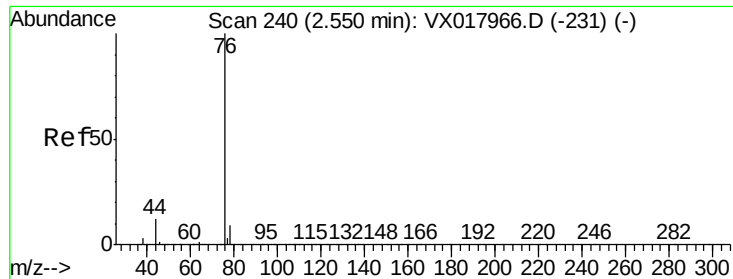
MMDadoda  
 8/20/2020 9:17:02 AM



#16  
 Acetone  
 Concen: 246.690 ug/l  
 RT: 2.42 min Scan# 219  
 Delta R.T. 0.00 min  
 Lab File: VX017993.D  
 Acq: 19 Aug 2020 18:22

| Tgt Ion | 43    | Resp  | 638483 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 43      | 100   |       |        |
| 58      | 29.9  | 23.8  | 35.8   |





#17

Carbon Disulfide

Concen: 53.543 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB181-GW-258-260MS

Tot Ion: 76 Resp: 525508

Ion Ratio Lower Upper

76 100

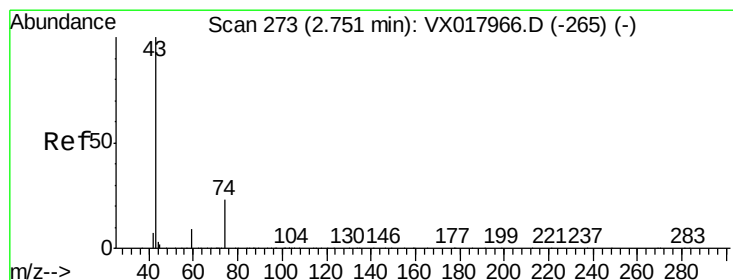
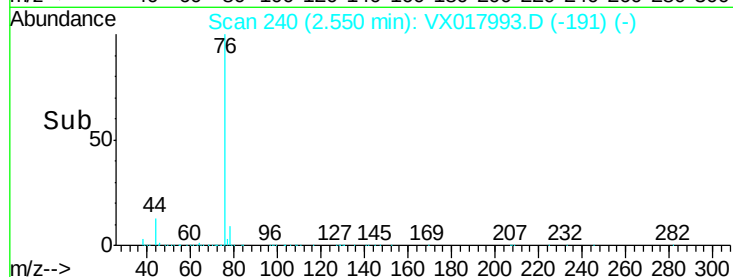
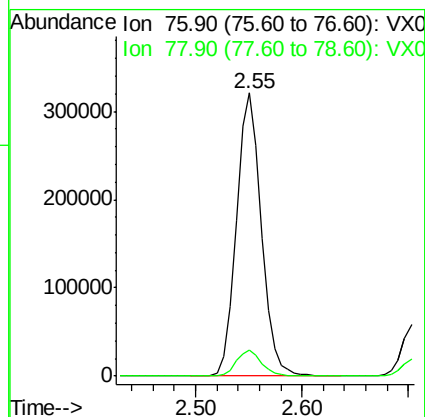
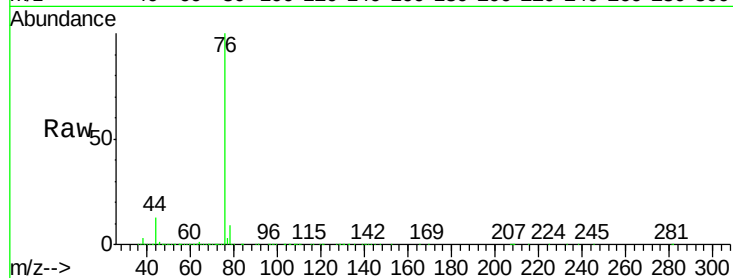
78 9.1 7.3 10.9

Manual Integrations

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MMDadoda

8/20/2020 9:17:02 AM



#18

Methyl Acetate

Concen: 49.537 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017993.D

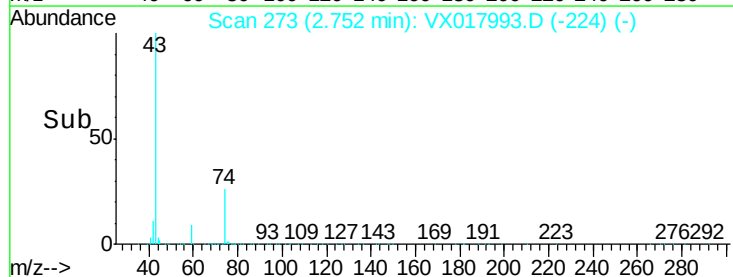
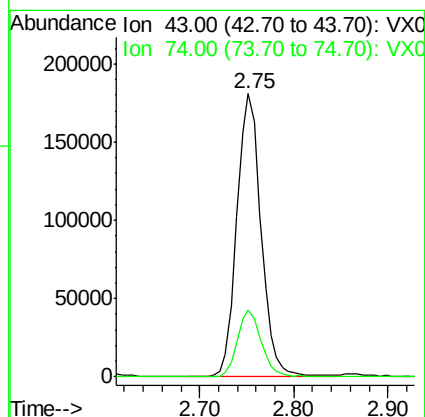
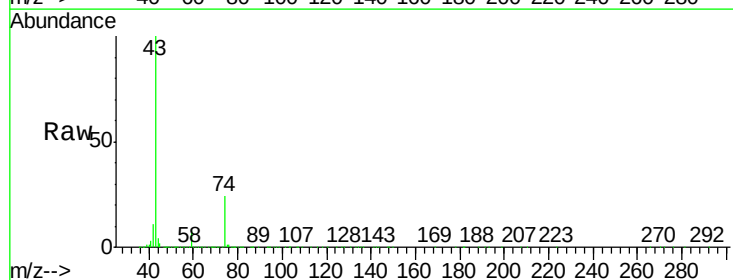
Acq: 19 Aug 2020 18:22

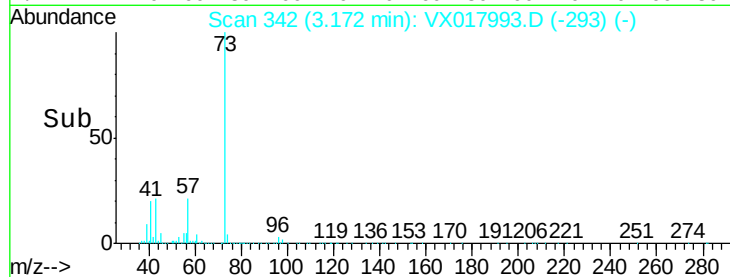
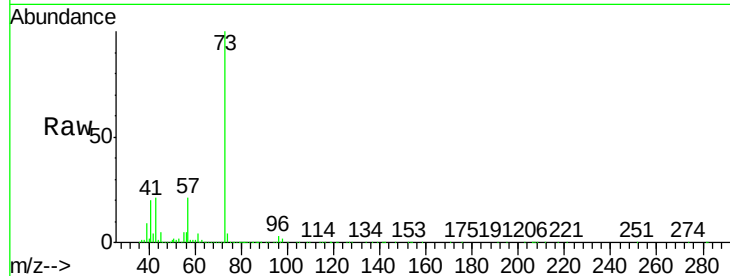
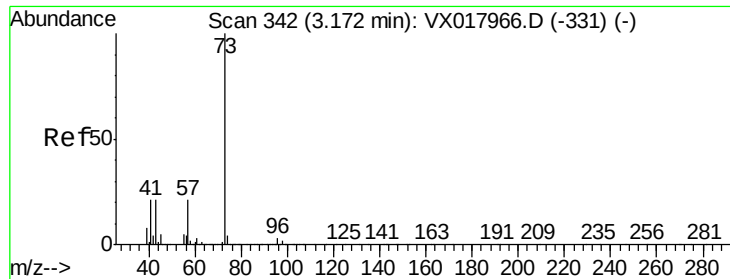
Tgt Ion: 43 Resp: 322618

Ion Ratio Lower Upper

43 100

74 23.7 19.7 29.5





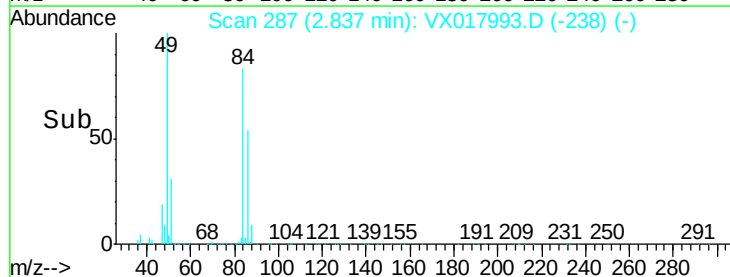
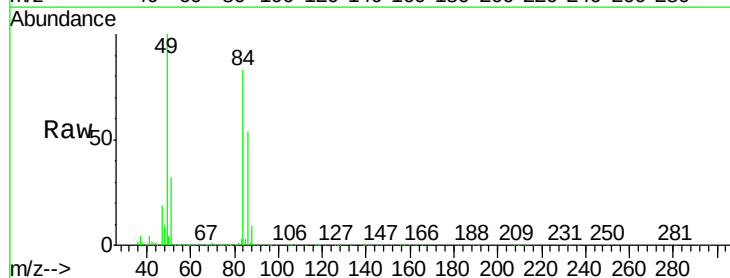
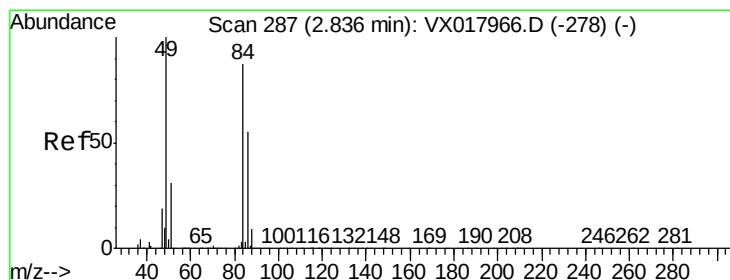
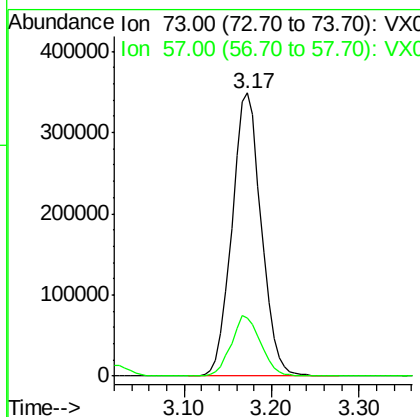
#19  
Methyl tert-butyl Ether  
Concen: 52.458 ug/l  
RT: 3.17 min Scan# 342  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 20.6  | 16.9  | 25.3  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

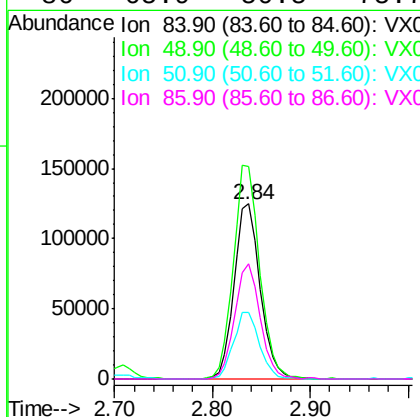
Manual Integrations  
APPROVED

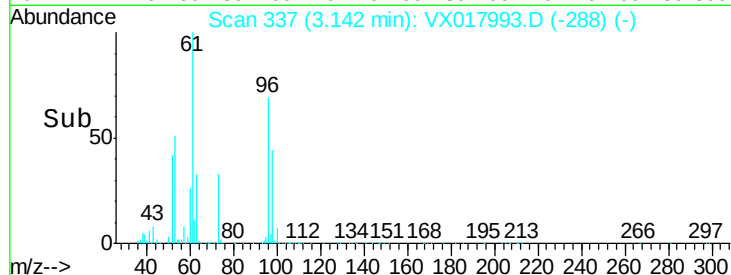
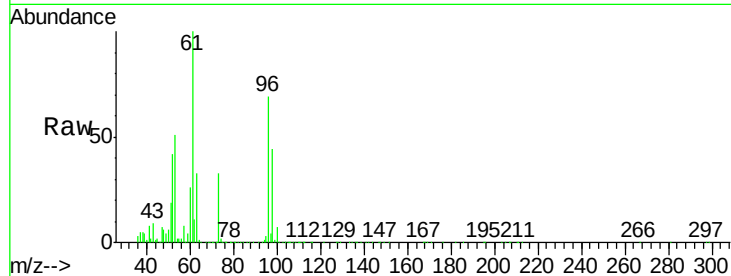
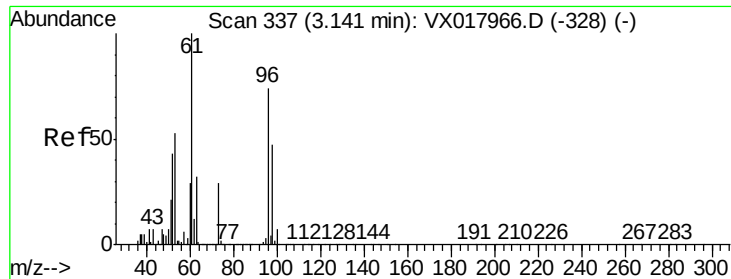
MMDadoda  
8/20/2020 9:17:02 AM



#20  
Methylene Chloride  
Concen: 48.444 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 121.0 | 91.8  | 137.6 |
| 51      | 38.1  | 27.8  | 41.8  |
| 86      | 65.9  | 50.5  | 75.7  |





#21

trans-1,2-Dichloroethene

Concen: 50.018 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 208002 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 144.7 | 108.6 | 163.0  |
| 98       | 63.3  | 51.4  | 77.0   |

Instrument :

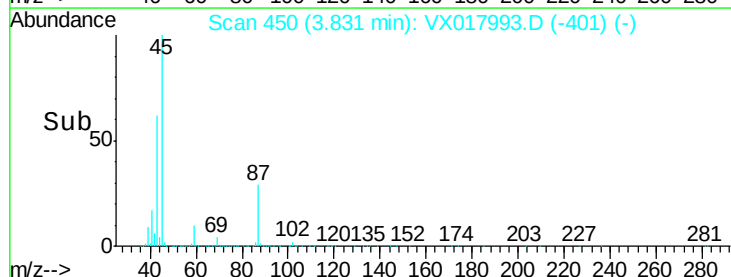
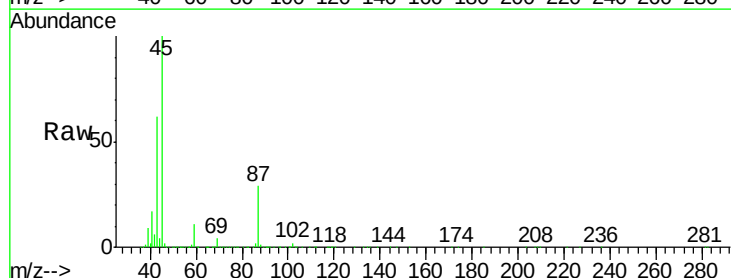
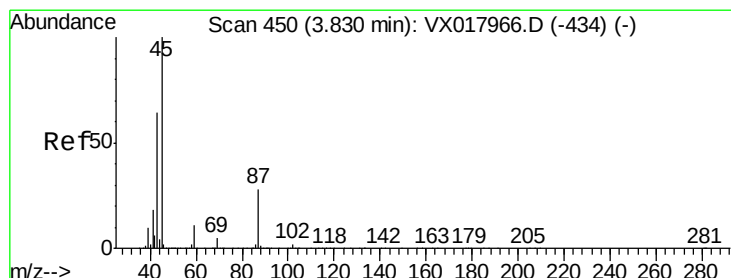
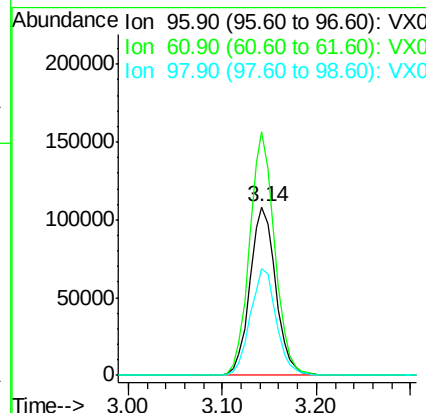
MSVOA\_X

ClientSampleId :

BP-VPB181-GW-258-260MS

Manual Integrations  
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MMDadoda  
8/20/2020 9:17:02 AM



#22

Diisopropyl ether

Concen: 52.628 ug/l

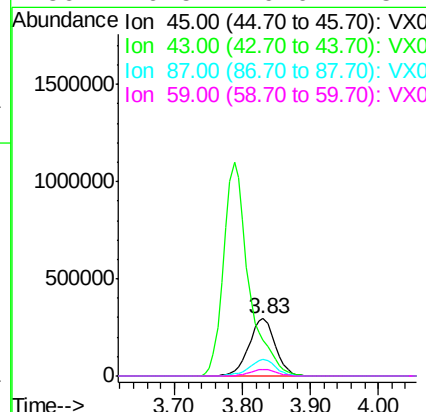
RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

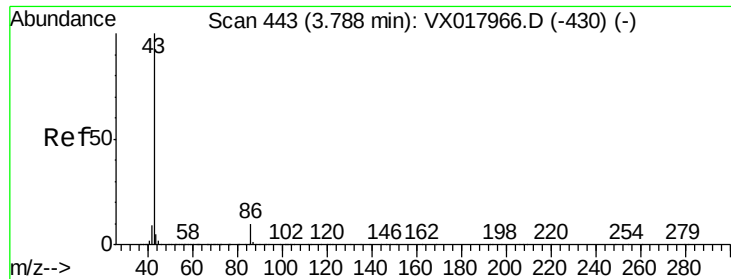
Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 795941 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 62.3  | 51.5  | 77.3   |
| 87       | 28.7  | 22.6  | 33.8   |
| 59       | 10.5  | 9.0   | 13.4   |







#23

Vinyl Acetate

Concen: 243.855 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB181-GW-258-260MS

Tot Ion: 43 Resp: 2818367

Ion Ratio Lower Upper

43 100

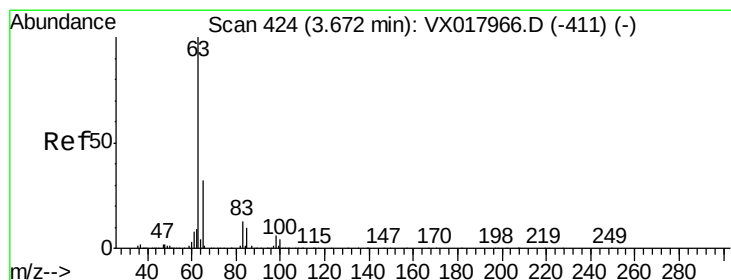
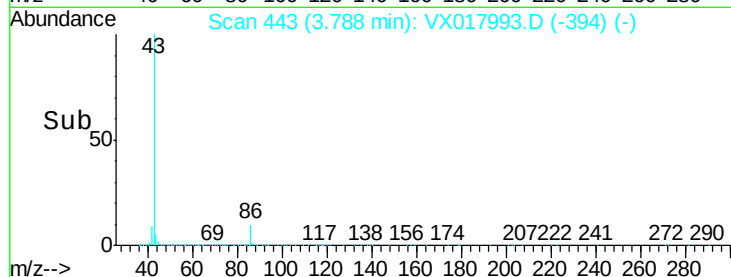
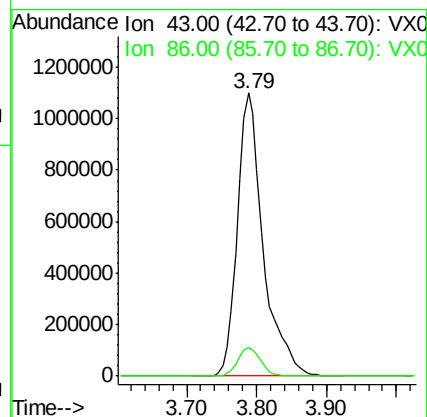
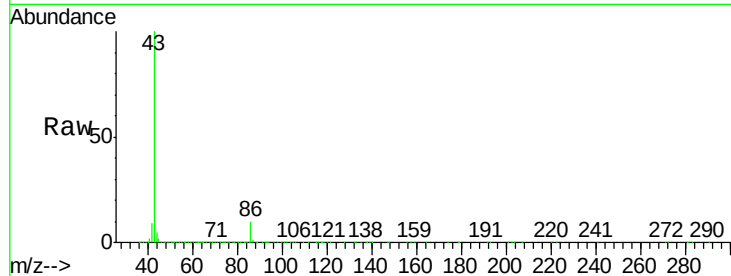
86 10.1 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.674 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

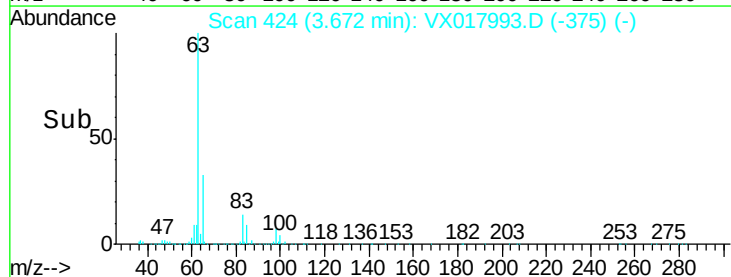
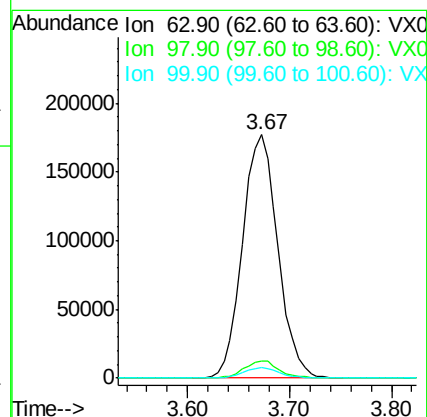
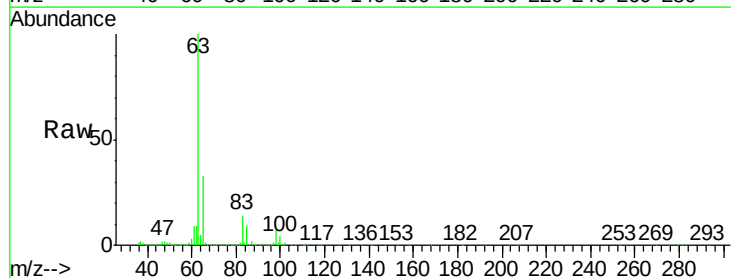
Tgt Ion: 63 Resp: 424851

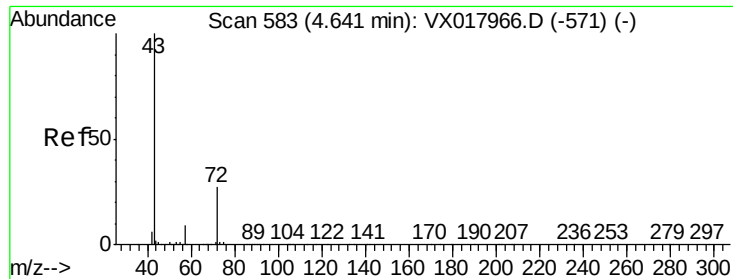
Ion Ratio Lower Upper

63 100

98 6.8 3.0 9.0

100 4.3 2.0 5.8





#25

2-Butanone

Concen: 253.186 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB181-GW-258-260MS

Tot Ion: 43 Resp: 992070

Ion Ratio Lower Upper

43 100

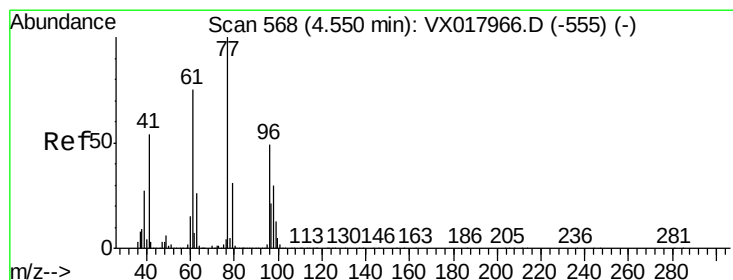
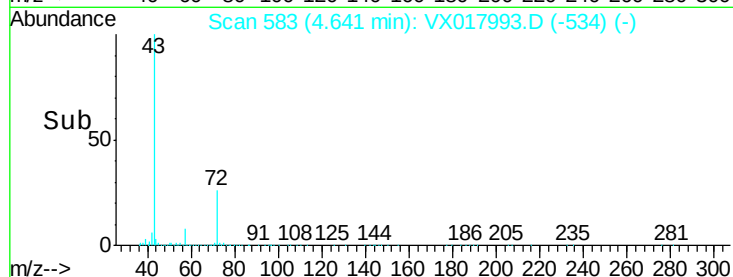
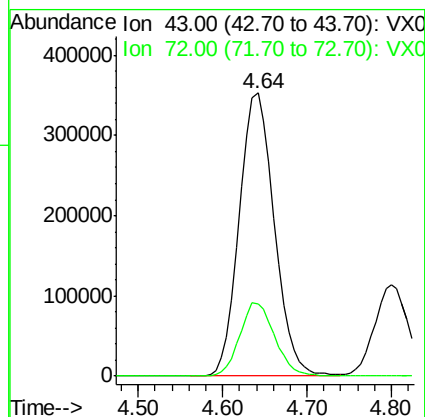
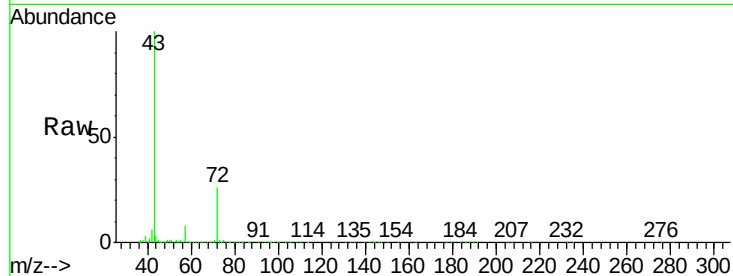
72 25.6 21.4 32.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.307 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017993.D

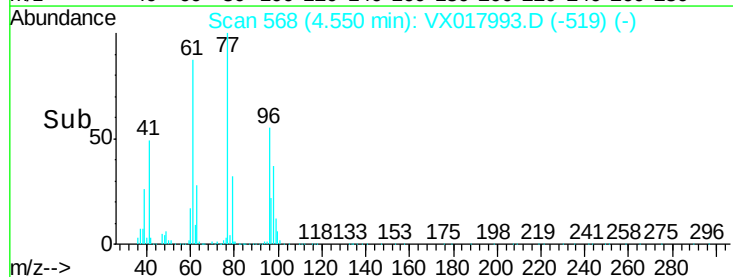
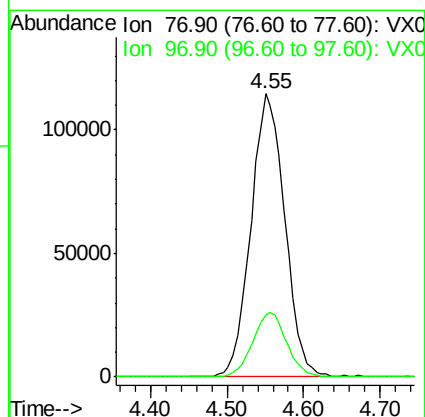
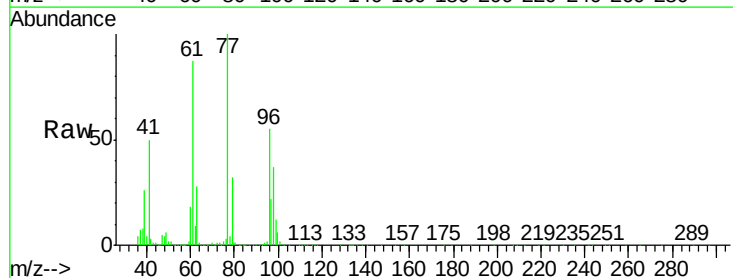
Acq: 19 Aug 2020 18:22

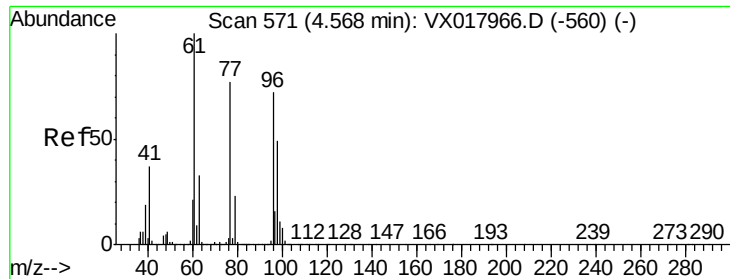
Tgt Ion: 77 Resp: 353532

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9





#27

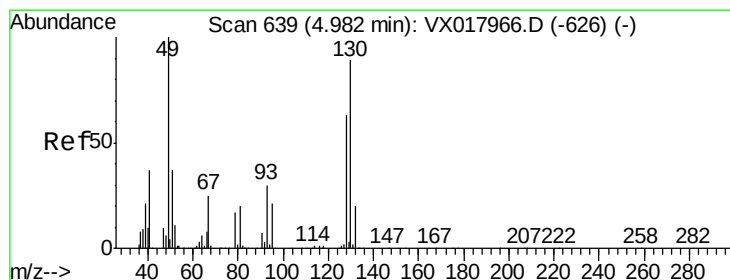
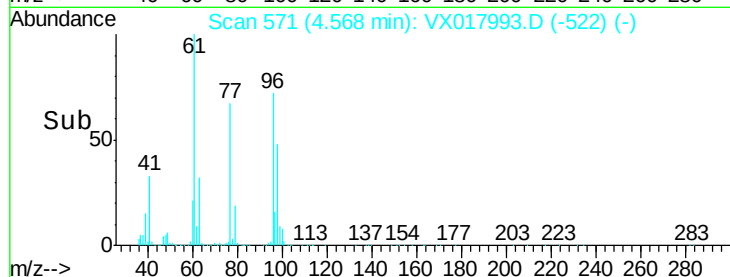
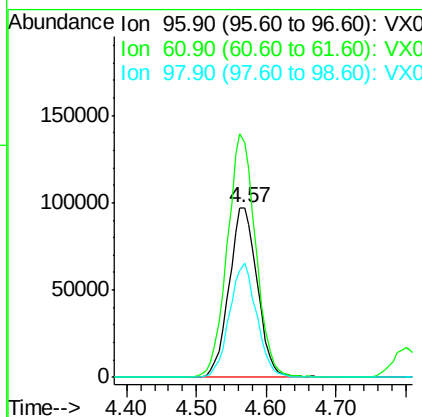
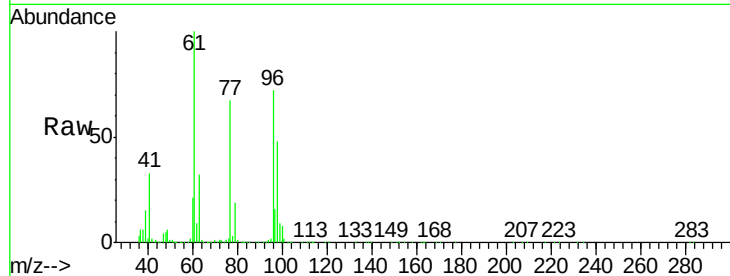
cis-1,2-Dichloroethene  
Concen: 55.590 ug/l  
RT: 4.57 min Scan# 571  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 272706 |       |       |
| 61      | 143.8 | 0.0    | 298.8 |       |
| 98      | 64.6  | 0.0    | 130.2 |       |

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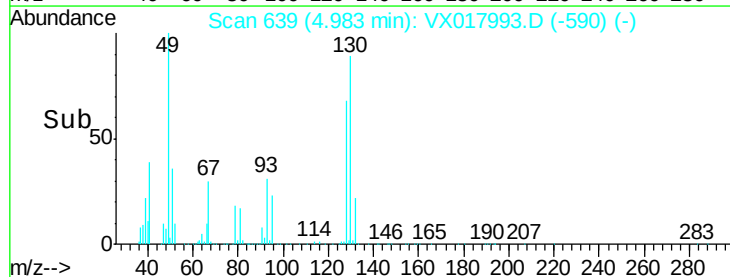
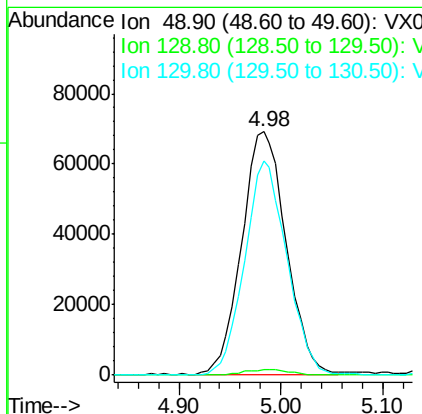
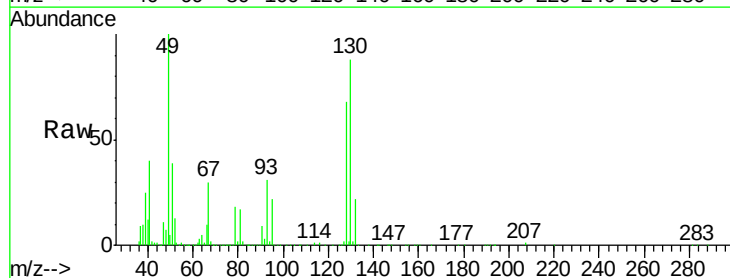
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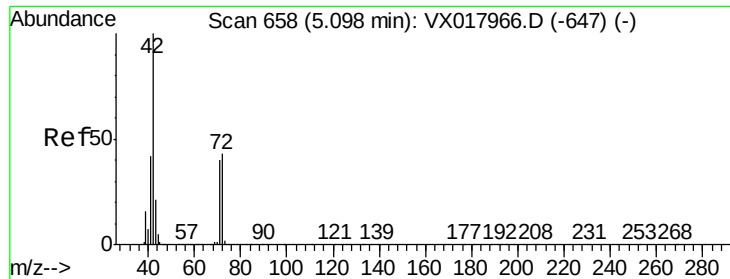


#28

Bromochloromethane  
Concen: 47.946 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 207736 |       |       |
| 129     | 2.3   | 0.0    | 3.6   |       |
| 130     | 84.9  | 68.5   | 102.7 |       |





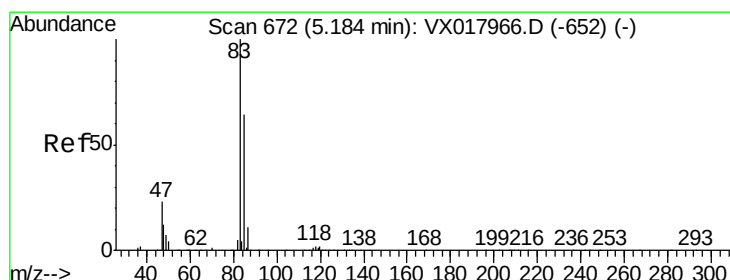
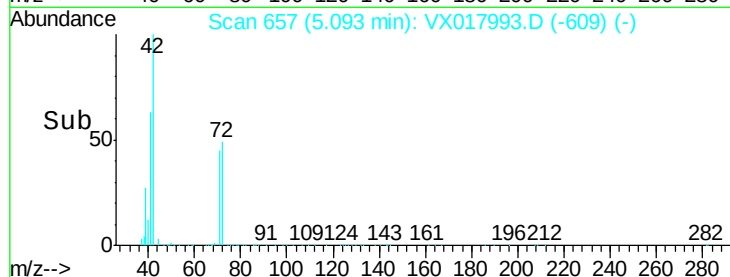
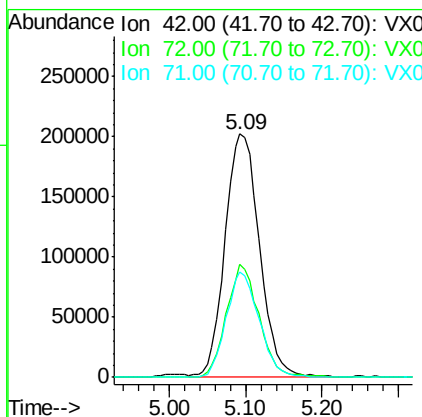
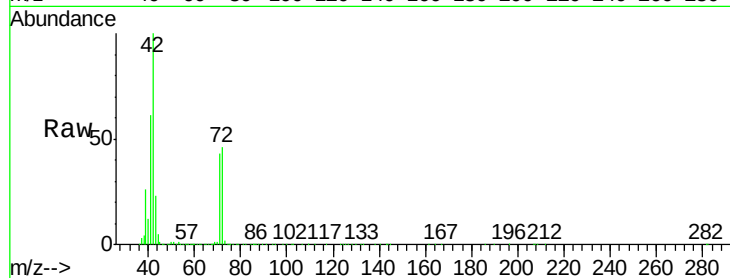
#29  
Tetrahydrofuran  
Concen: 257.377 ug/l  
RT: 5.09 min Scan# 657  
Delta R.T. -0.01 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.4  | 35.9  | 53.9  |
| 71      | 41.7  | 33.0  | 49.4  |

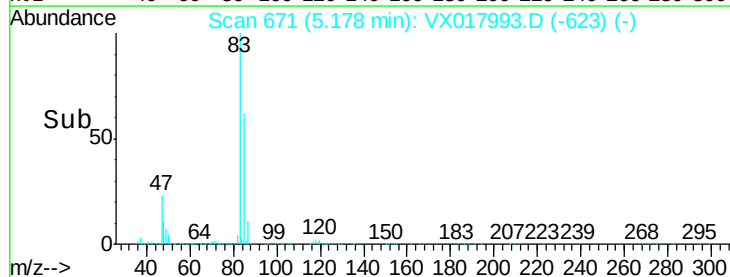
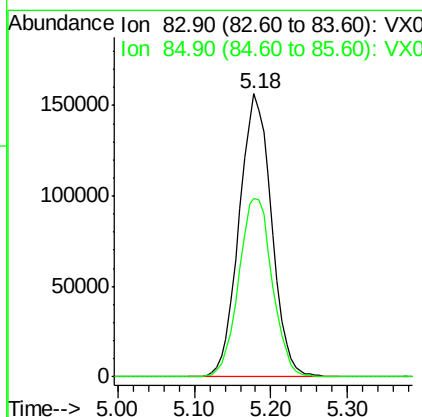
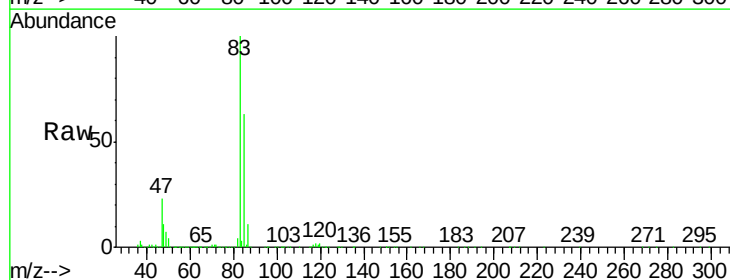
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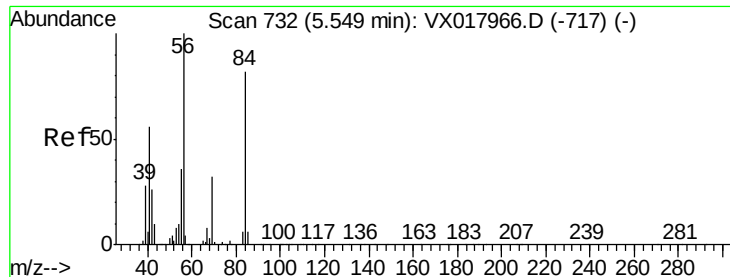
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#30  
Chloroform  
Concen: 50.316 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. -0.01 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.0  | 51.3  | 76.9  |





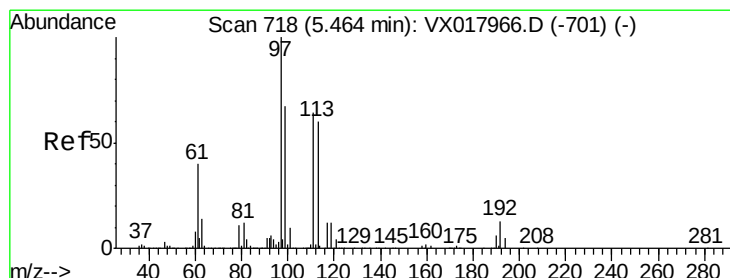
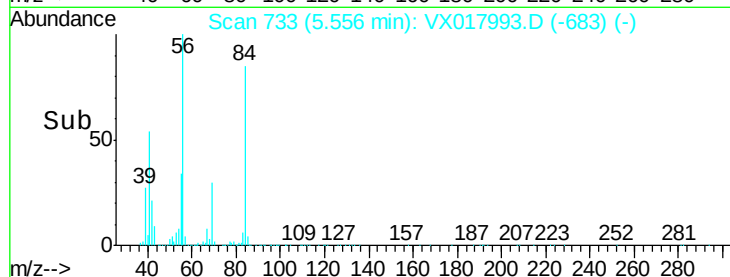
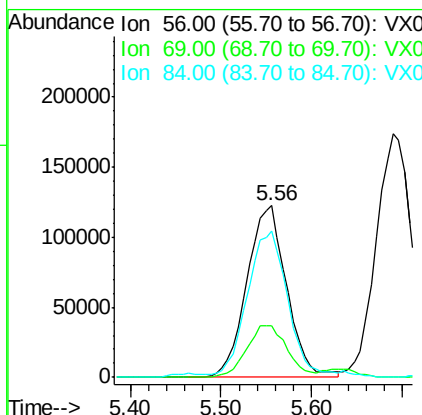
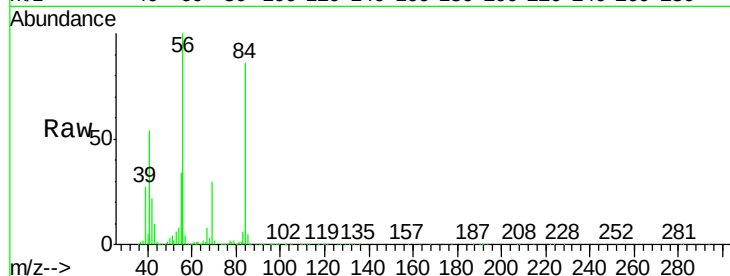
#31  
Cyclohexane  
Concen: 54.631 ug/l  
RT: 5.56 min Scan# 733  
Delta R.T. 0.01 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 30.1  | 25.3  | 37.9  |
| 84      | 83.5  | 65.3  | 97.9  |

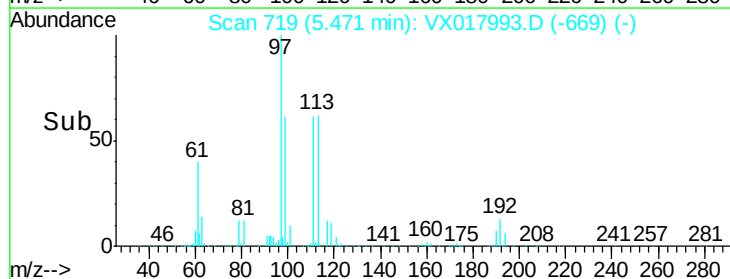
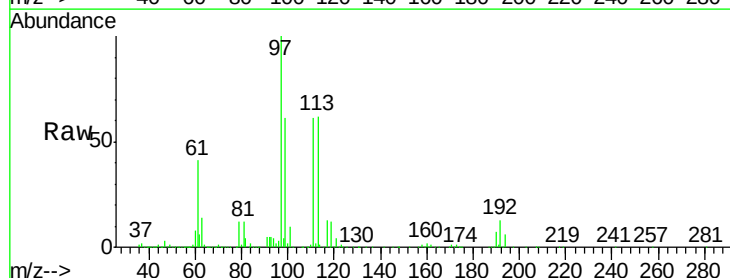
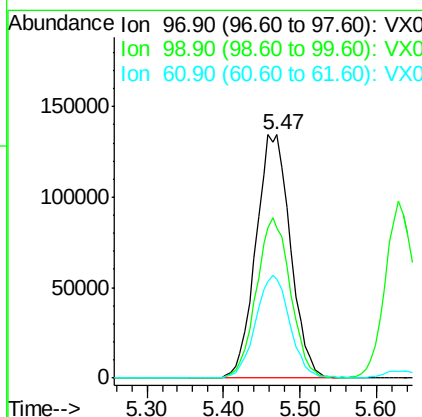
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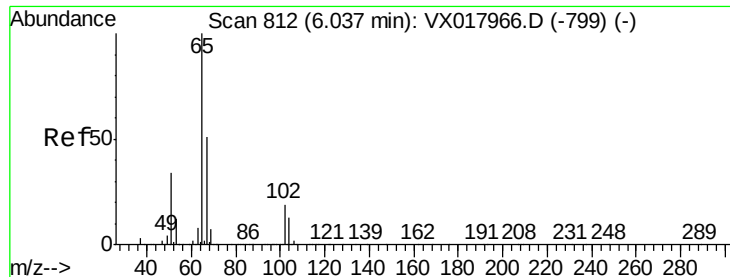
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#32  
1,1,1-Trichloroethane  
Concen: 50.928 ug/l  
RT: 5.47 min Scan# 719  
Delta R.T. 0.01 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.9  | 51.4  | 77.0  |
| 61      | 41.8  | 33.7  | 50.5  |





#33

1,2-Dichloroethane-d4

Concen: 46.752 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB181-GW-258-260MS

Tot Ion: 65 Resp: 307578

Ion Ratio Lower Upper

65 100

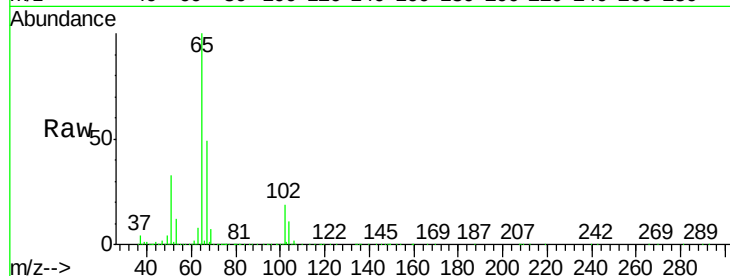
67 51.4 0.0 103.0

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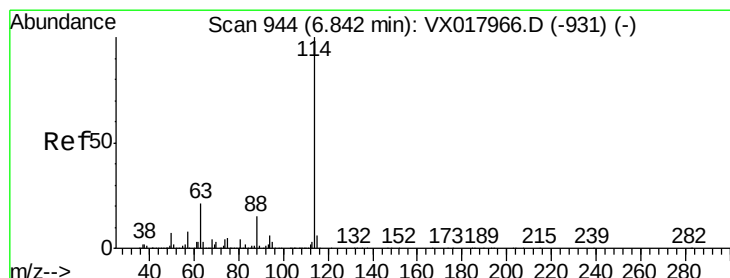
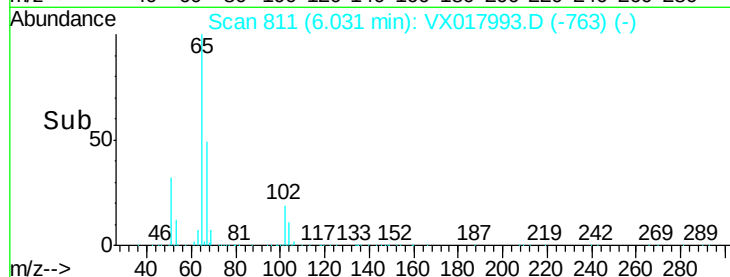
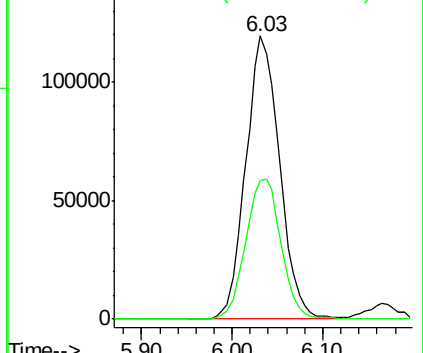
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

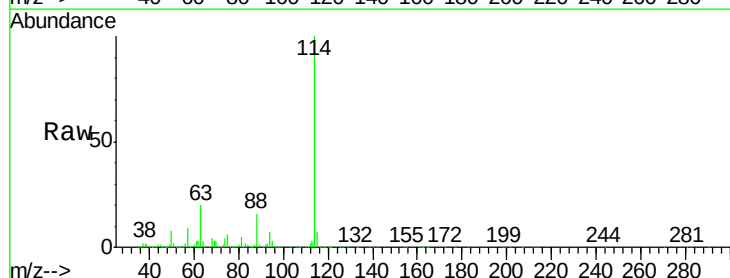
Tgt Ion: 114 Resp: 679219

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

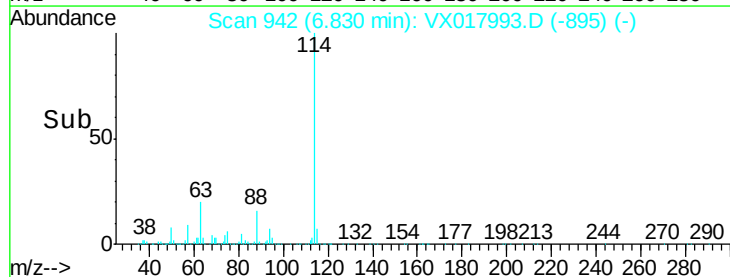
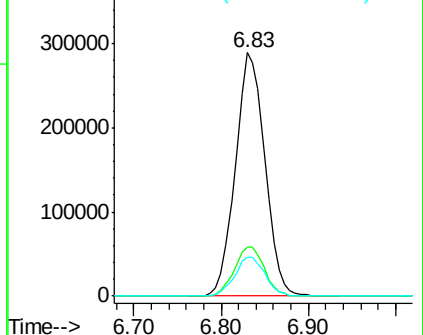
88 15.7 0.0 30.2

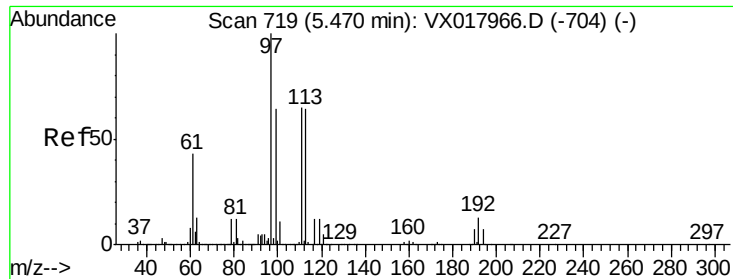


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.180 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

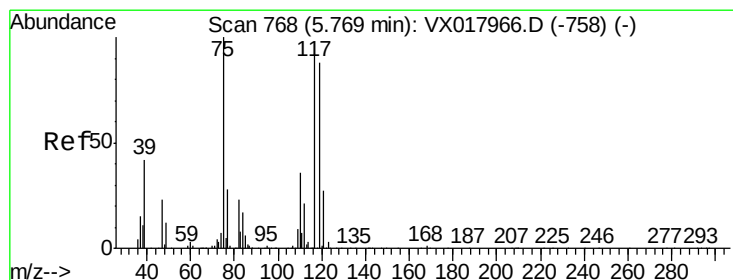
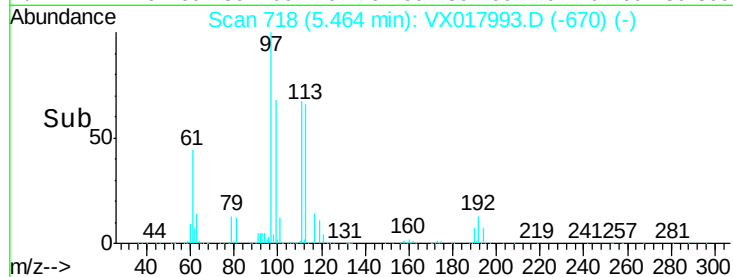
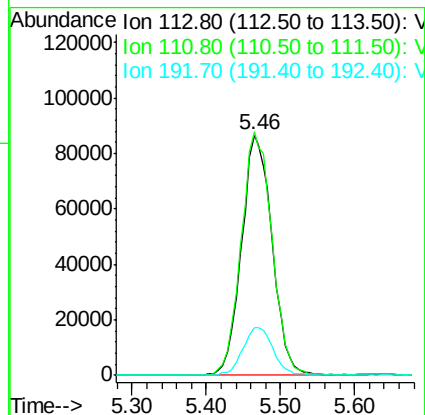
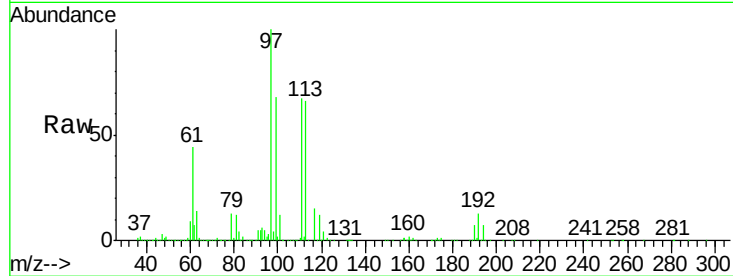
ClientSampleId :

BP-VPB181-GW-258-260MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 248754 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.5 | 83.5  | 125.3  |
| 192       | 19.8  | 16.2  | 24.4   |

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#36

1,1-Dichloropropene

Concen: 51.985 ug/l

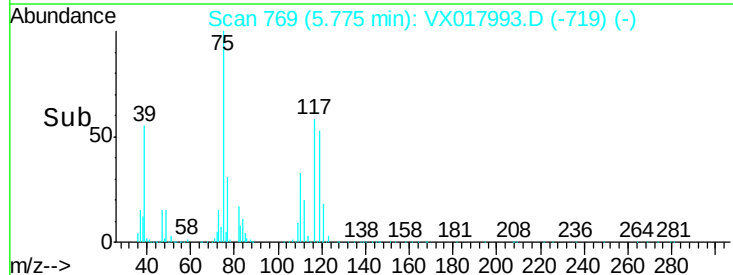
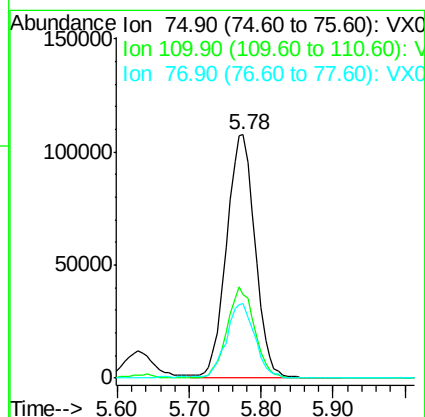
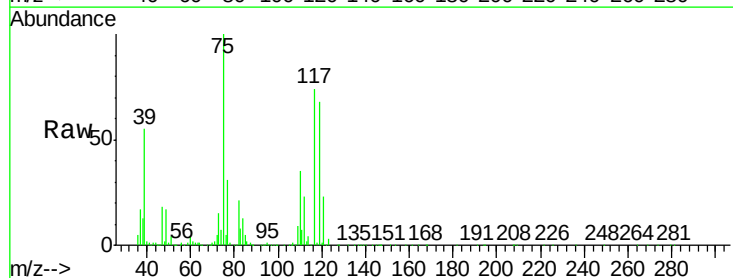
RT: 5.78 min Scan# 769

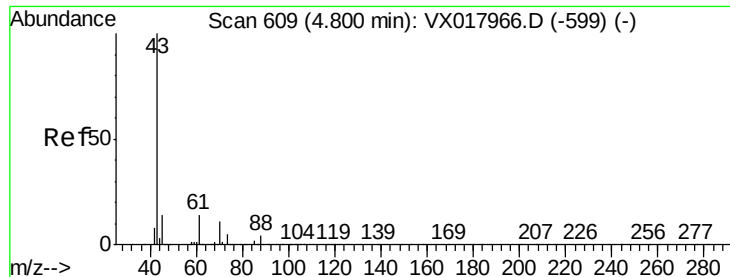
Delta R.T. 0.01 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 295539 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.4  | 18.7  | 56.1   |
| 77        | 31.0  | 24.4  | 36.6   |





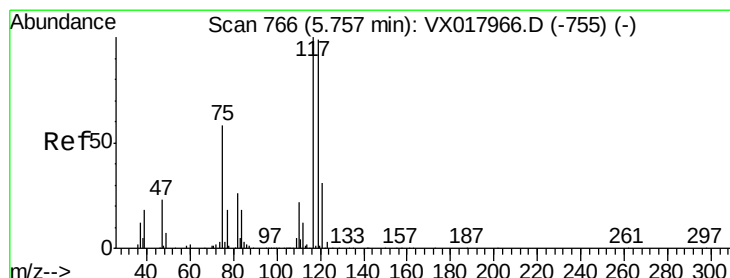
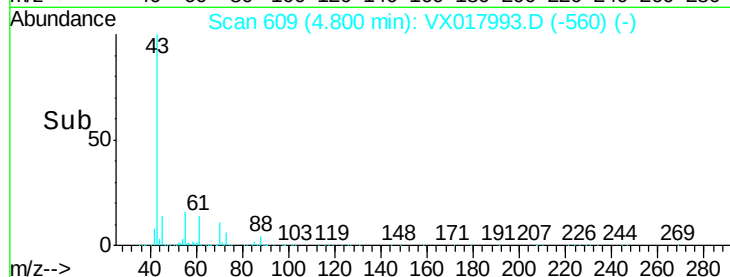
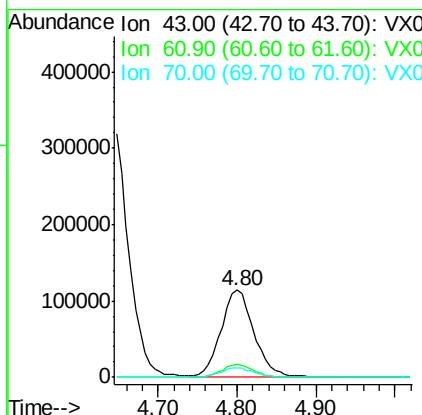
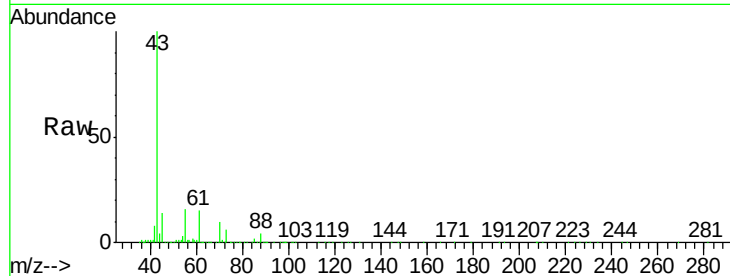
#37  
Ethyl Acetate  
Concen: 48.462 ug/l  
RT: 4.80 min Scan# 609  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

| Tot Ion | 43    | Resp  | 329643 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 43      | 100   |       |        |
| 61      | 14.1  | 11.3  | 16.9   |
| 70      | 10.7  | 8.5   | 12.7   |

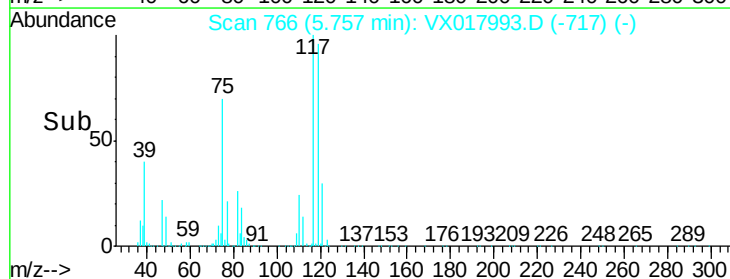
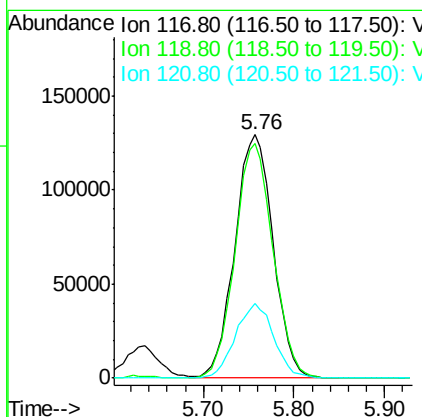
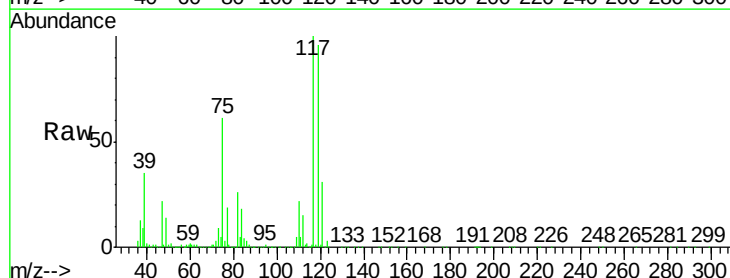
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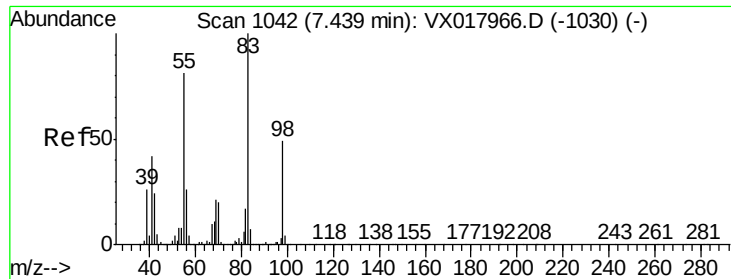


#38  
Carbon Tetrachloride  
Concen: 51.254 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tgt Ion | 117   | Resp  | 377111 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 117     | 100   |       |        |
| 119     | 96.1  | 79.0  | 118.6  |
| 121     | 30.7  | 24.7  | 37.1   |







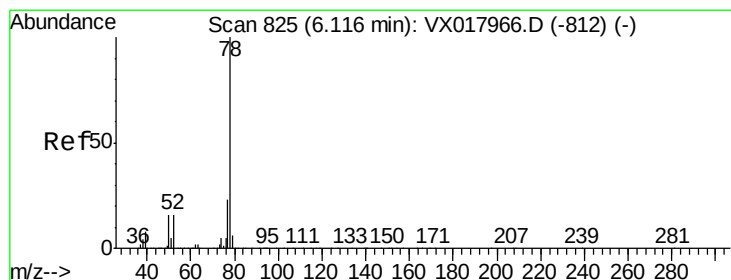
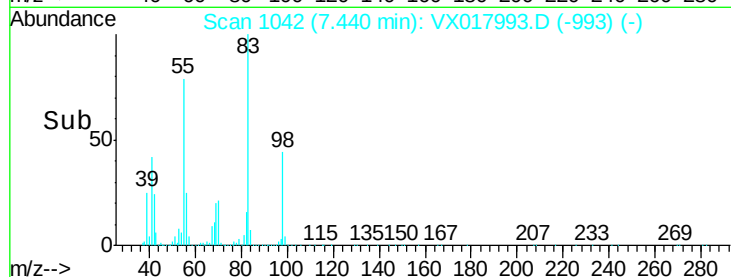
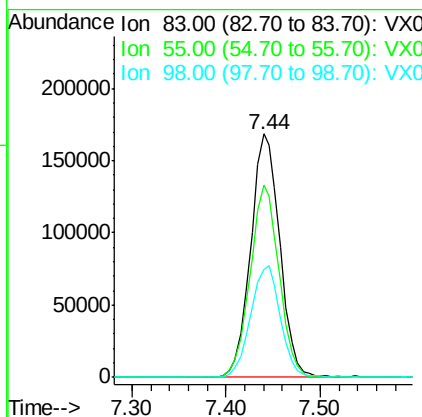
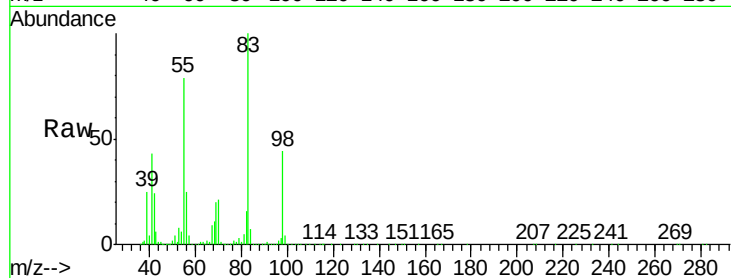
#39  
Methylvlcyclohexane  
Concen: 50.336 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 79.2  | 64.5  | 96.7  |
| 98      | 44.2  | 39.0  | 58.6  |

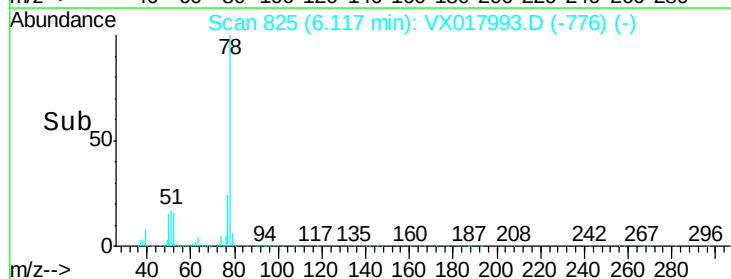
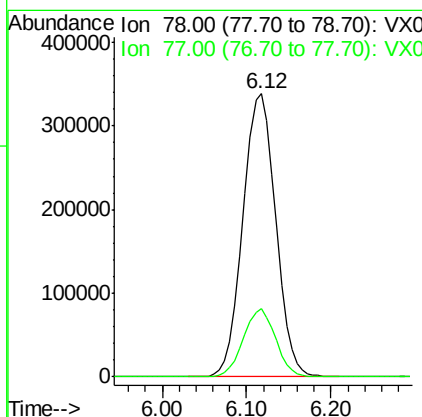
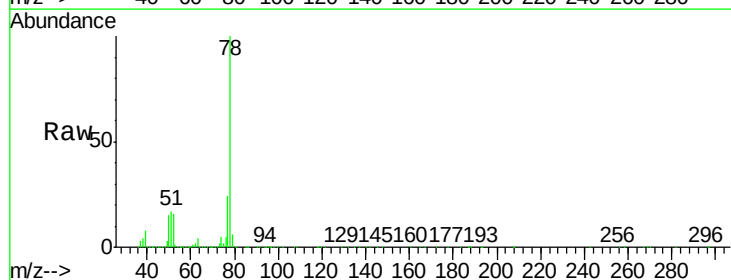
Manual Integrations  
APPROVED

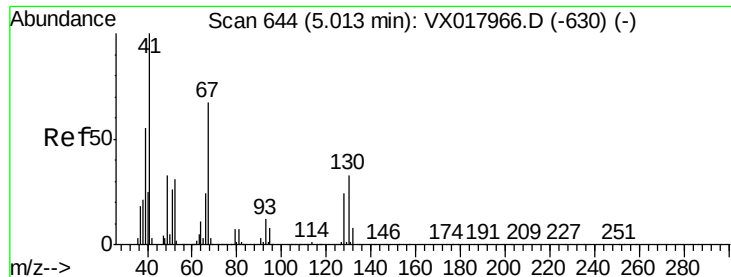
MMDadoda  
8/20/2020 9:17:02 AM



#40  
Benzene  
Concen: 52.174 ug/l  
RT: 6.12 min Scan# 825  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.1  | 18.8  | 28.2  |





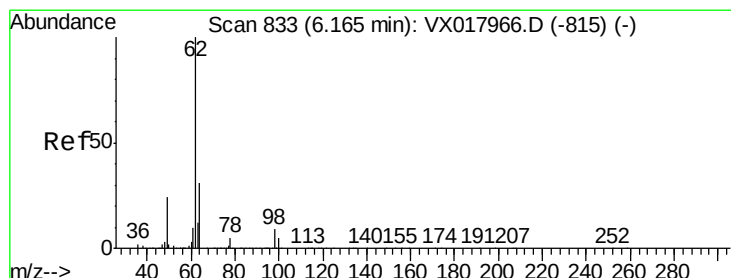
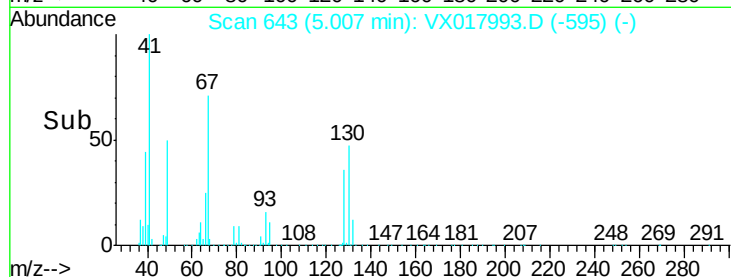
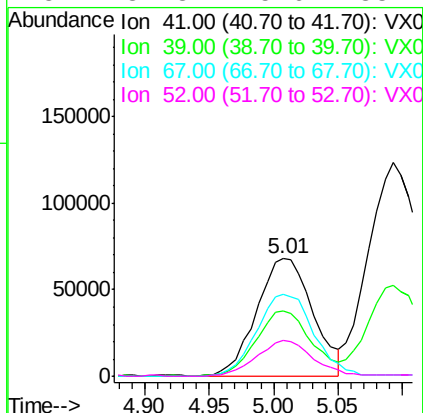
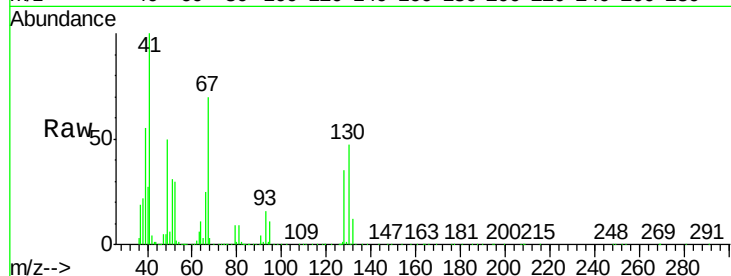
#41  
Methacrylonitrile  
Concen: 52.653 ug/l  
RT: 5.01 min Scan# 643  
Delta R.T. -0.01 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 54.7  | 44.8  | 67.2  |
| 67      | 71.8  | 57.5  | 86.3  |
| 52      | 31.3  | 25.6  | 38.4  |

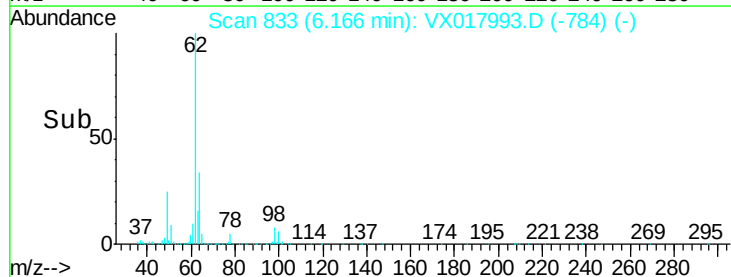
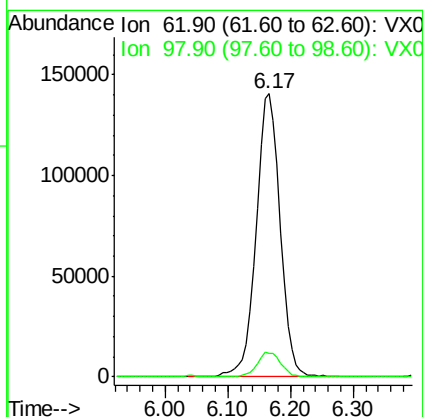
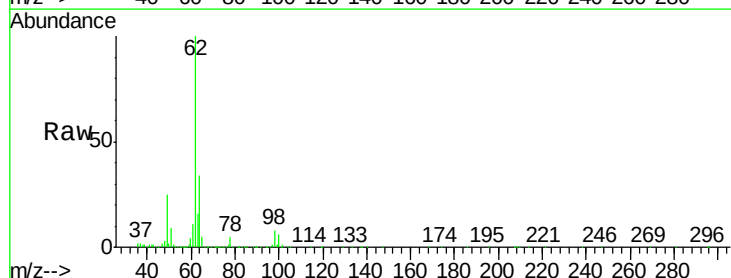
Manual Integrations  
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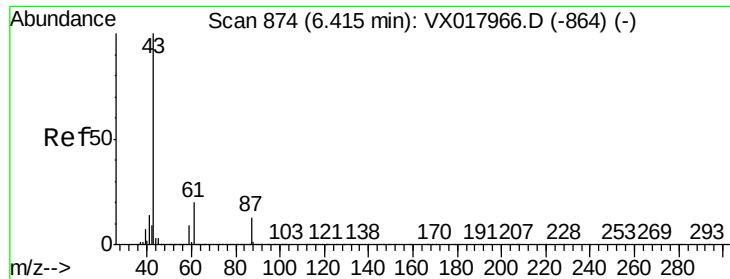
MMDadoda  
8/20/2020 9:17:02 AM



#42  
1,2-Dichloroethane  
Concen: 51.156 ug/l  
RT: 6.17 min Scan# 833  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.4   | 0.0   | 17.2  |





#43

Isopropyl Acetate

Concen: 50.803 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

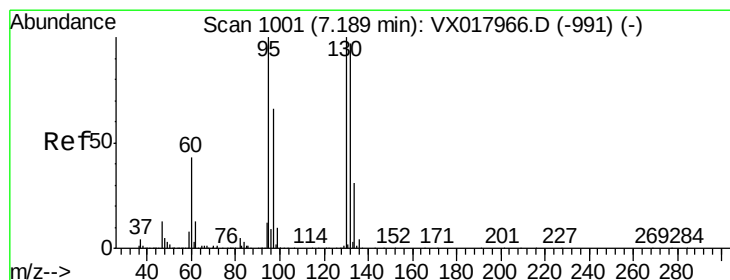
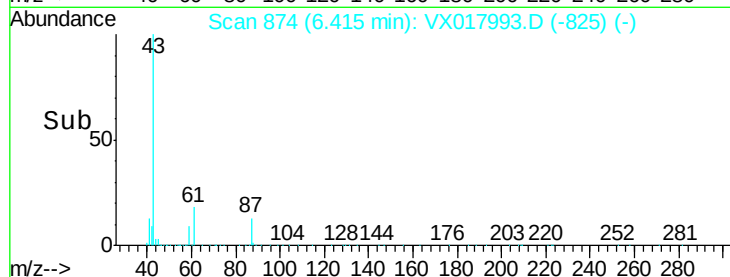
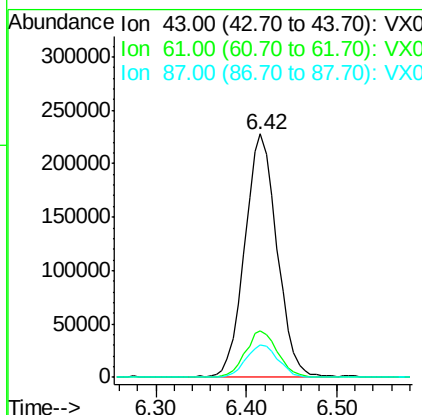
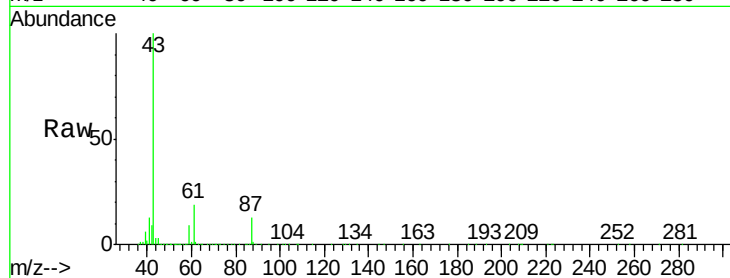
ClientSampleId :

BP-VPB181-GW-258-260MS

| Tot Ion   | 43    | Resp  | 557850 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 19.4  | 16.2  | 24.4   |
| 87        | 13.5  | 10.8  | 16.2   |

Manual Integrations  
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8/20/2020 9:17:02 AM



#44

Trichloroethene

Concen: 50.903 ug/l

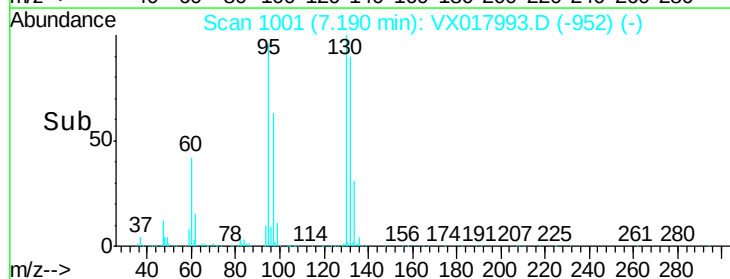
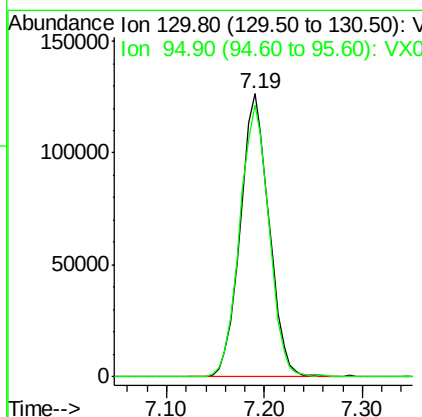
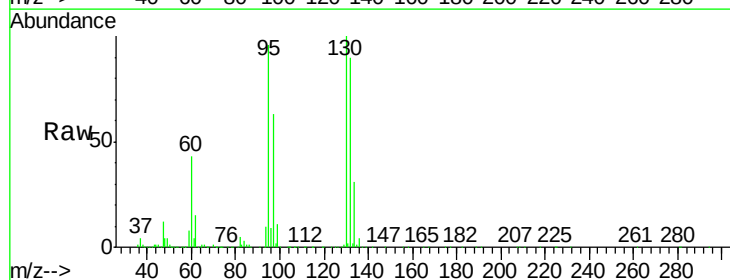
RT: 7.19 min Scan# 1001

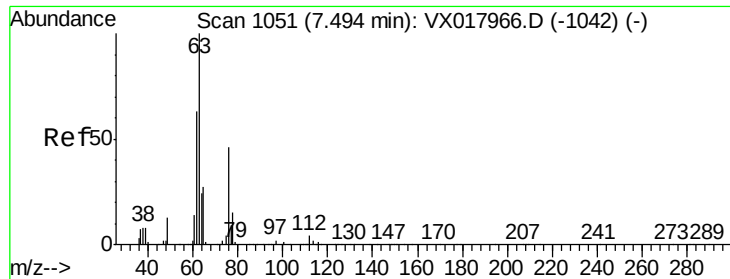
Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

| Tgt Ion   | 130   | Resp  | 258477 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 130       | 100   |       |        |
| 95        | 95.8  | 0.0   | 200.6  |





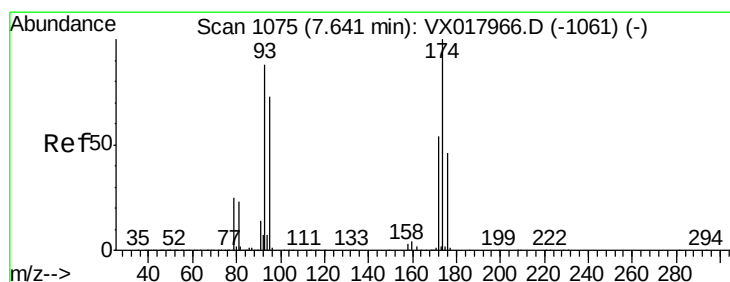
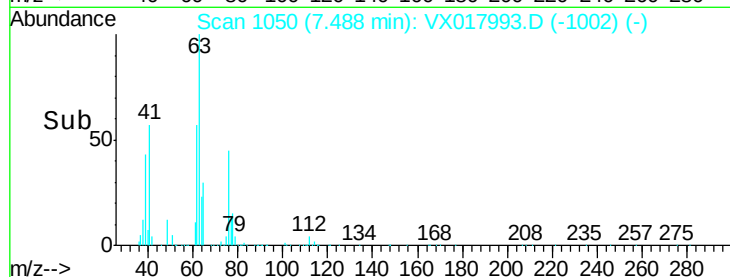
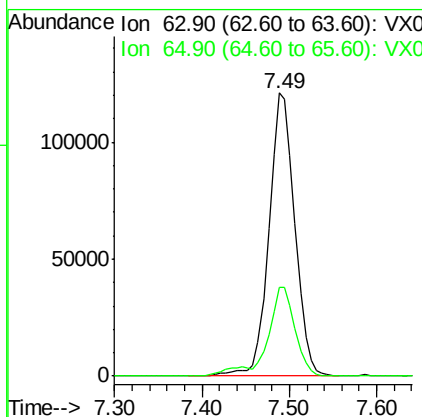
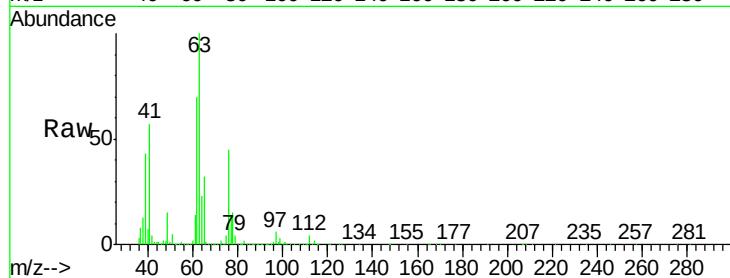
#45  
 1,2-Dichloropropane  
 Concen: 51.212 ug/l  
 RT: 7.49 min Scan# 1050  
 Delta R.T. -0.01 min  
 Lab File: VX017993.D  
 Acq: 19 Aug 2020 18:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB181-GW-258-260MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.5  | 23.8  | 35.8  |

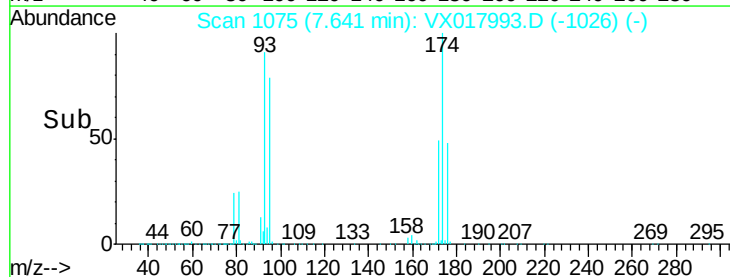
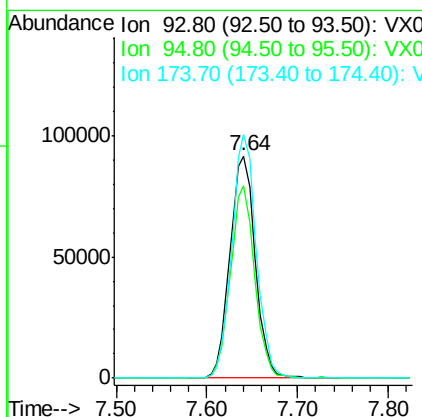
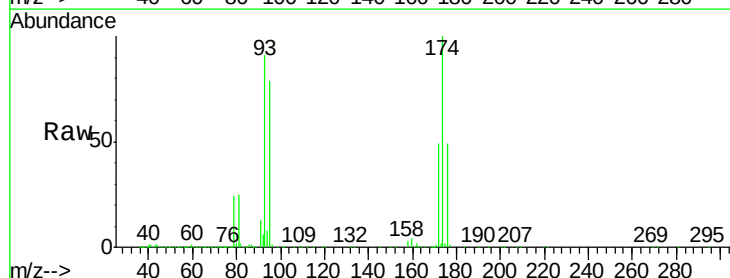
Manual Integrations  
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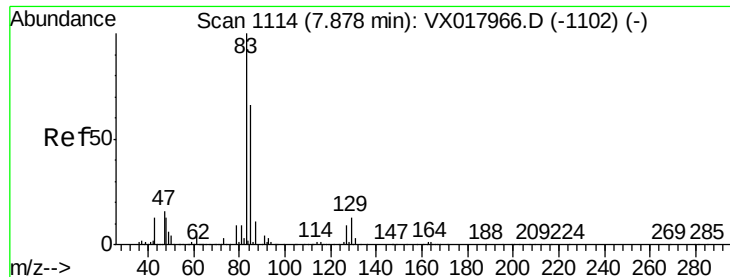
MMDadoda  
 8/20/2020 9:17:02 AM



#46  
 Dibromomethane  
 Concen: 52.024 ug/l  
 RT: 7.64 min Scan# 1075  
 Delta R.T. 0.00 min  
 Lab File: VX017993.D  
 Acq: 19 Aug 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 82.7  | 66.8  | 100.2 |
| 174     | 105.5 | 88.3  | 132.5 |





#47

Bromodichloromethane

Concen: 51.805 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

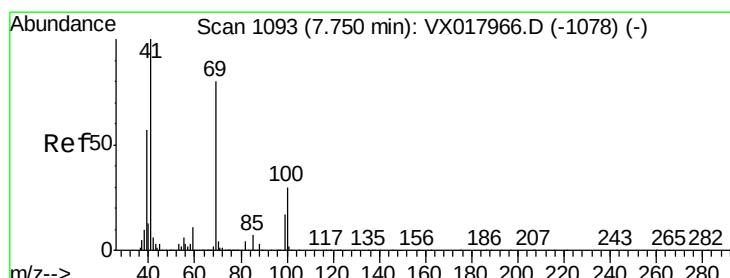
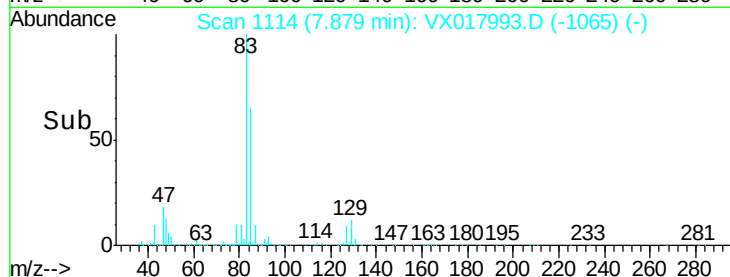
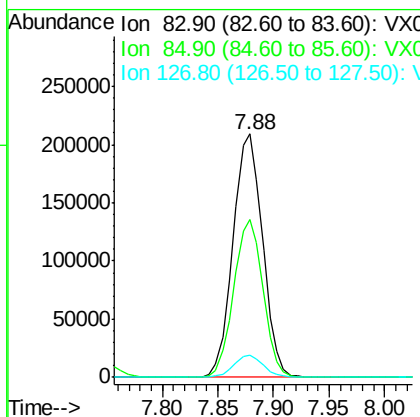
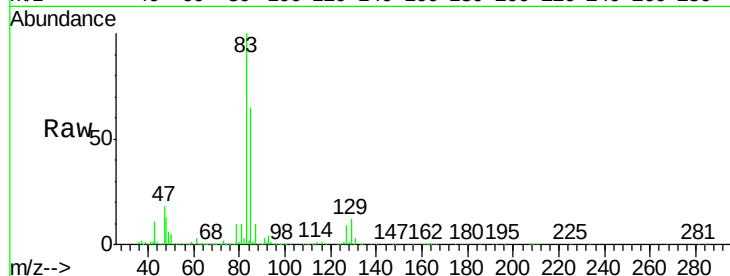
ClientSampleId :

BP-VPB181-GW-258-260MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 385081 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.6  | 52.4  | 78.6   |
| 127       | 9.0   | 7.0   | 10.6   |

Manual Integrations  
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MMDadoda  
8/20/2020 9:17:02 AM



#48

Methyl methacrylate

Concen: 53.882 ug/l

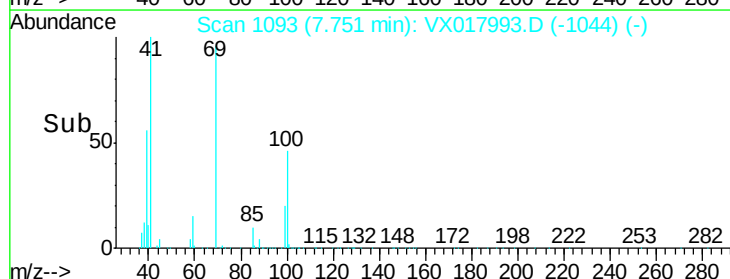
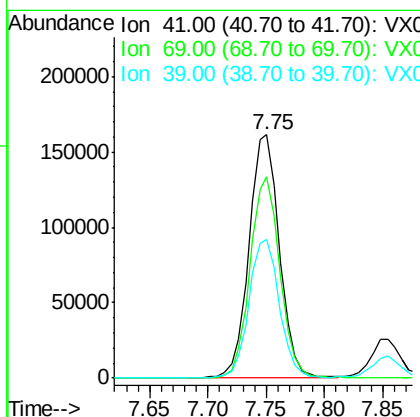
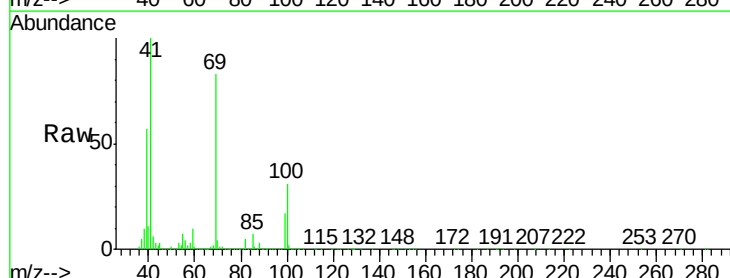
RT: 7.75 min Scan# 1093

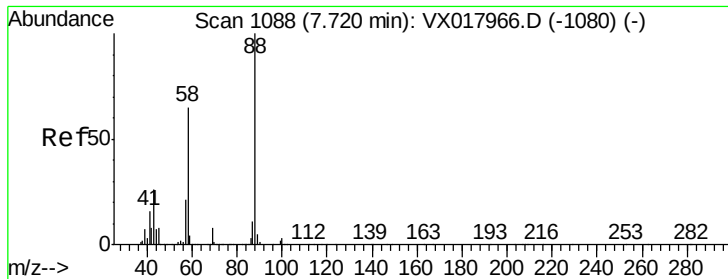
Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 293309 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 82.0  | 64.3  | 96.5   |
| 39        | 57.1  | 45.3  | 67.9   |





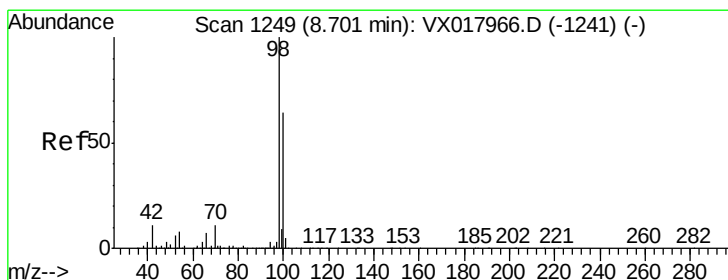
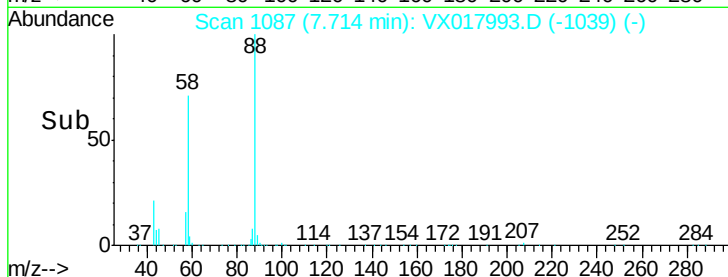
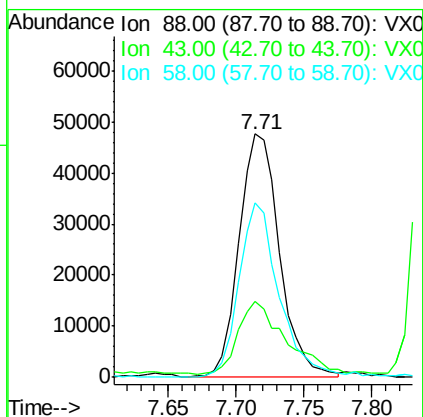
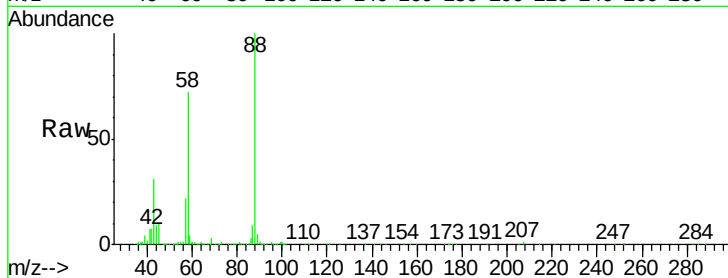
#49  
1,4-Dioxane  
Concen: 883.022 ug/l  
RT: 7.71 min Scan# 1087  
Delta R.T. -0.01 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 35.5  | 27.3  | 40.9  |
| 58      | 70.8  | 57.7  | 86.5  |

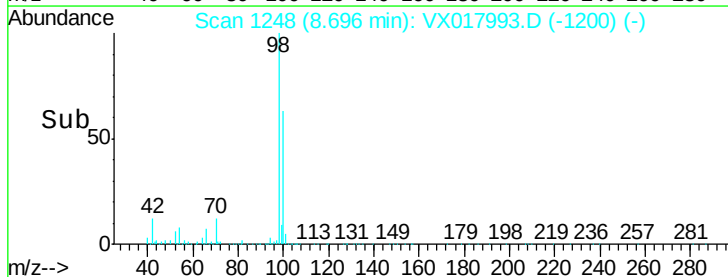
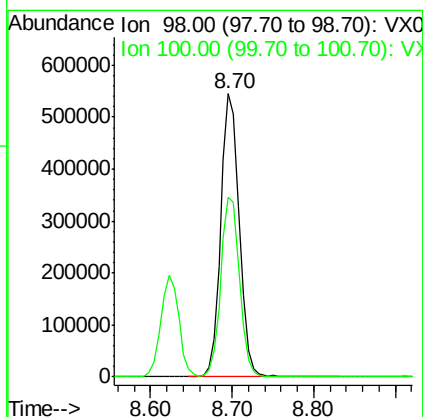
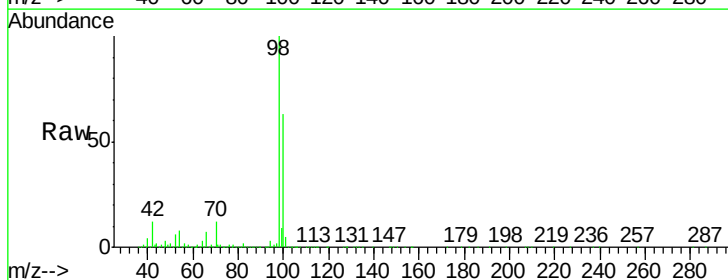
Manual Integrations  
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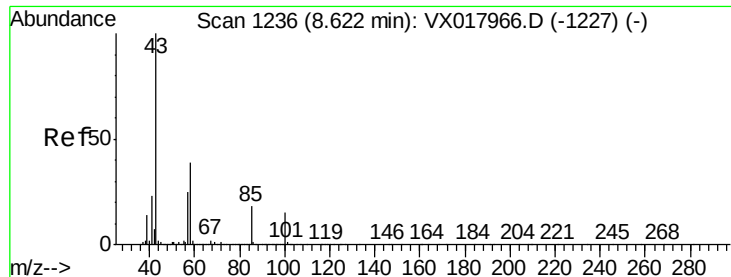
MMDadoda  
8/20/2020 9:17:02 AM



#50  
Toluene-d8  
Concen: 47.993 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.01 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.6  | 51.4  | 77.2  |





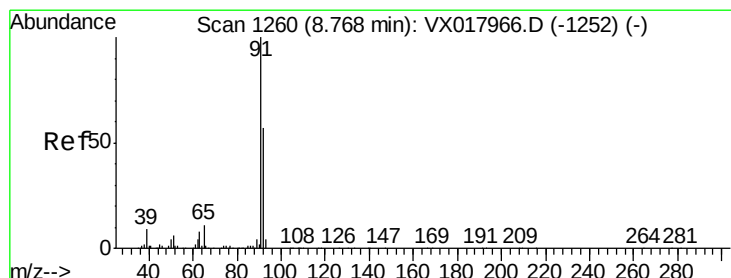
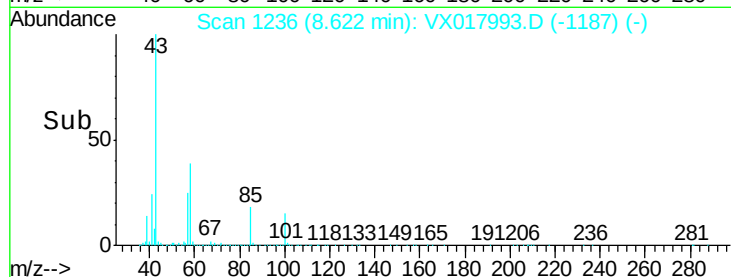
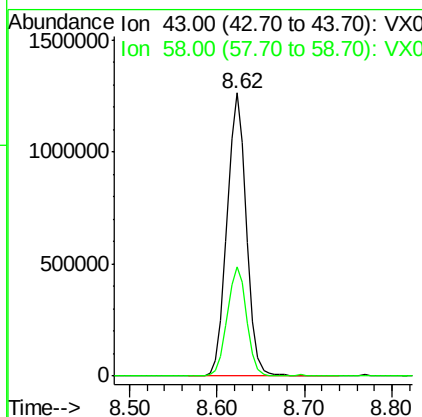
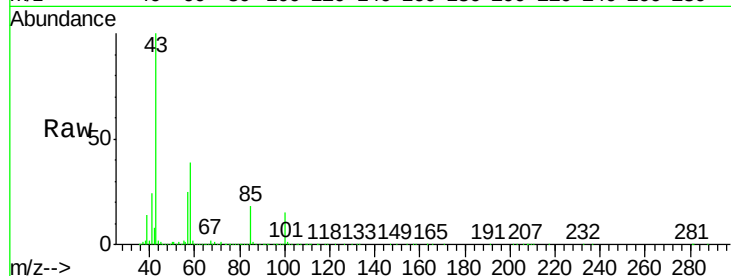
#51  
4-Methyl-2-Pentanone  
Concen: 261.889 ug/l  
RT: 8.62 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

Tot Ion: 43 Resp: 1936178  
Ion Ratio Lower Upper  
43 100  
58 38.6 31.0 46.4

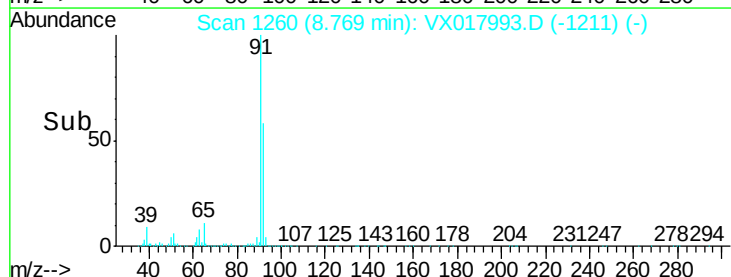
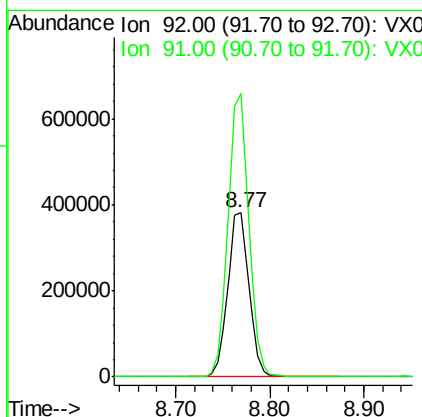
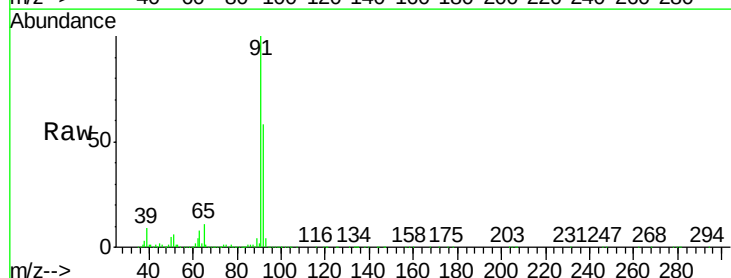
Manual Integrations  
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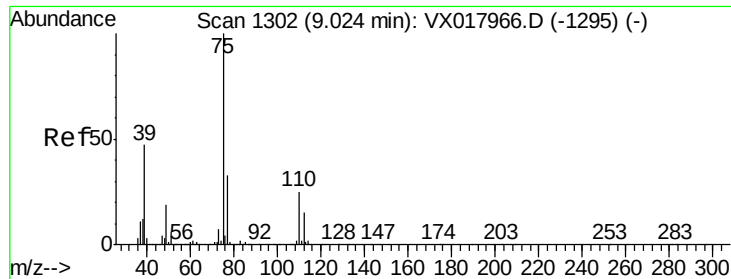
MMDadoda  
8/20/2020 9:17:02 AM



#52  
Toluene  
Concen: 53.319 ug/l  
RT: 8.77 min Scan# 1260  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Tgt Ion: 92 Resp: 597320  
Ion Ratio Lower Upper  
92 100  
91 169.9 138.4 207.6





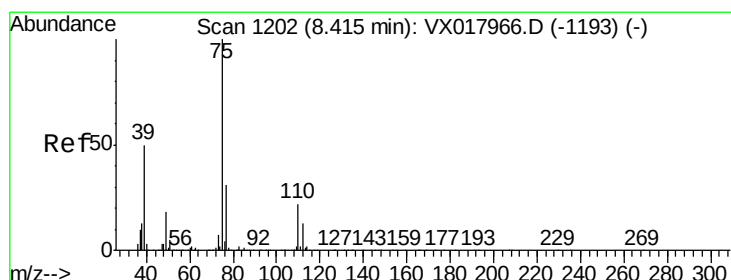
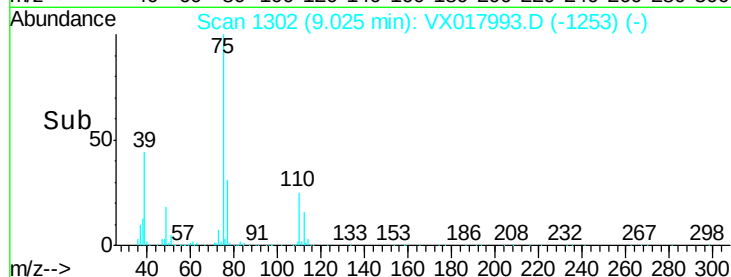
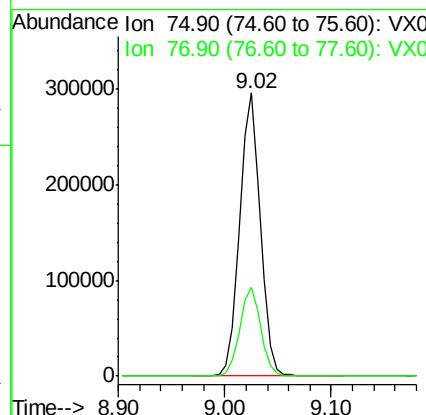
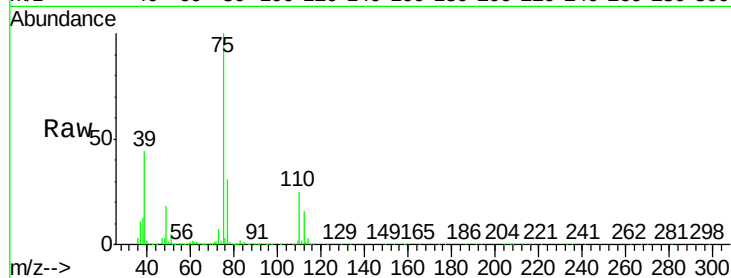
#53  
t-1,3-Dichloropropene  
Concen: 51.345 ug/l  
RT: 9.02 min Scan# 1302  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.2  | 26.1  | 39.1  |

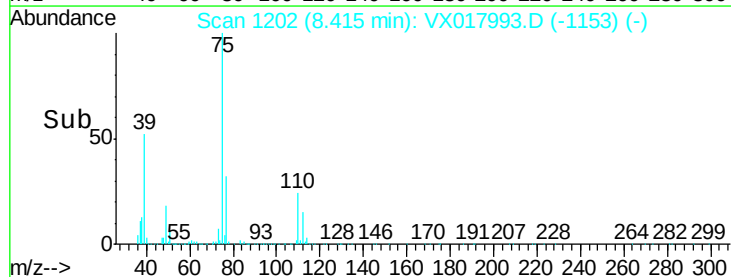
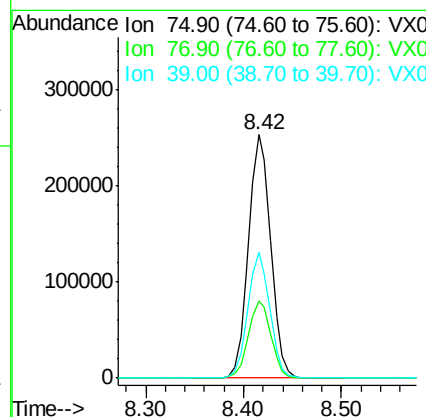
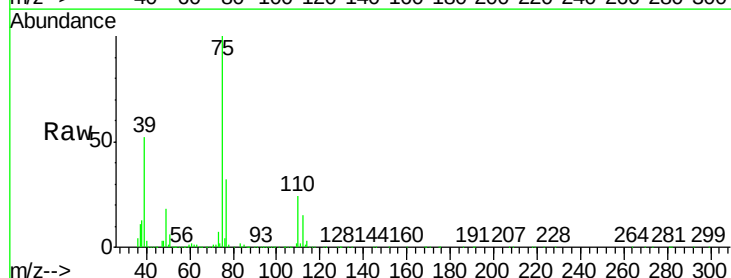
Manual Integrations  
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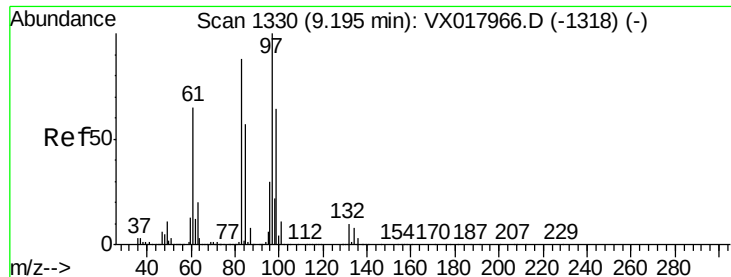


#54  
cis-1,3-Dichloropropene  
Concen: 48.885 ug/l  
RT: 8.42 min Scan# 1202  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.9  | 24.6  | 36.8  |
| 39      | 51.5  | 39.7  | 59.5  |







#55

1,1,2-Trichloroethane

Concen: 51.333 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

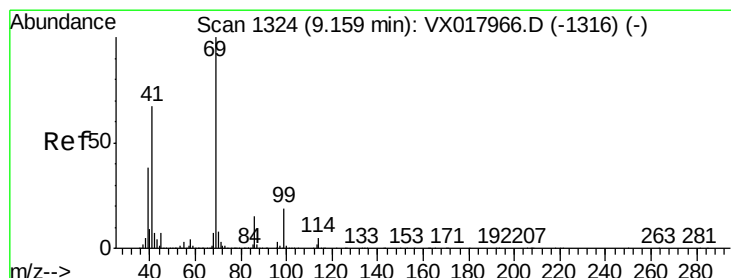
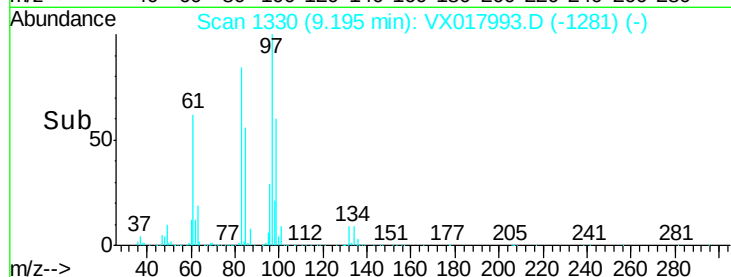
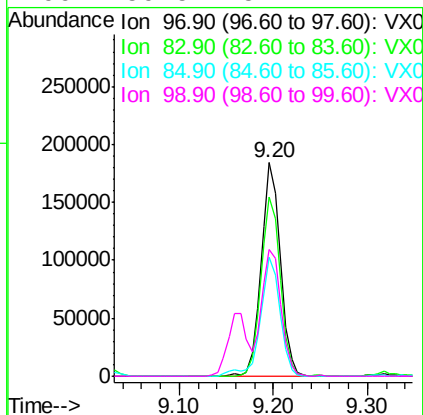
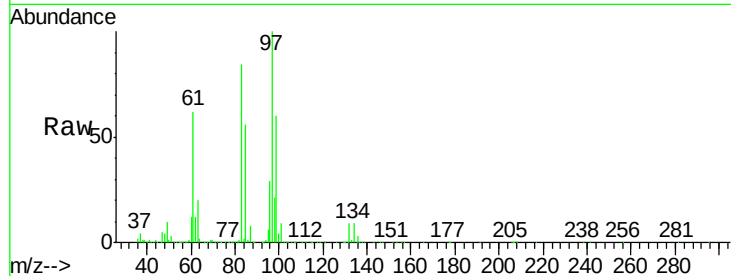
ClientSampleId :

BP-VPB181-GW-258-260MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 264188 |       |       |
| 83      | 84.0 | 70.1  | 105.1  |       |       |
| 85      | 55.8 | 45.8  | 68.8   |       |       |
| 99      | 59.5 | 51.4  | 77.2   |       |       |

Manual Integrations  
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#56

Ethyl methacrylate

Concen: 53.823 ug/l

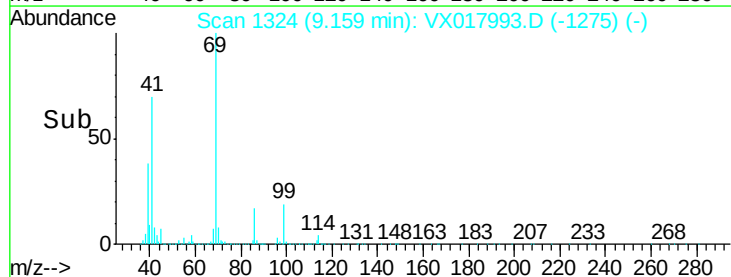
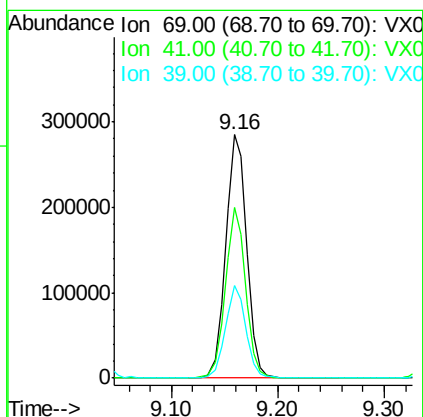
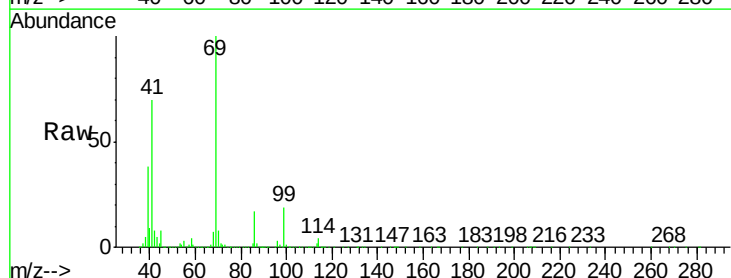
RT: 9.16 min Scan# 1324

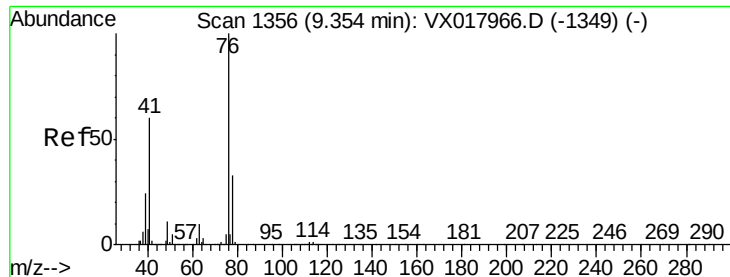
Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 391645 |       |       |
| 41      | 66.9 | 52.3  | 78.5   |       |       |
| 39      | 37.2 | 29.2  | 43.8   |       |       |





#57

1,3-Dichloropropane

Concen: 51.752 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB181-GW-258-260MS

Tot Ion: 76 Resp: 422999

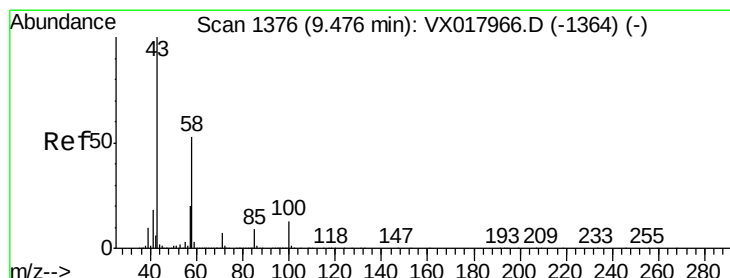
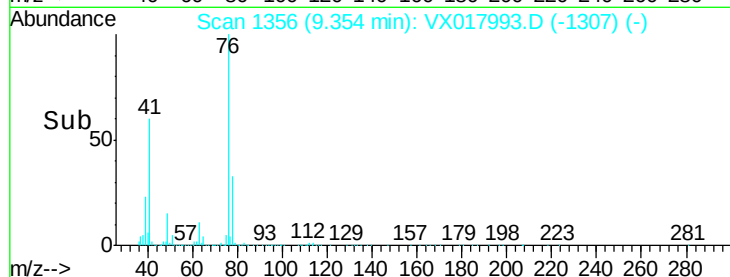
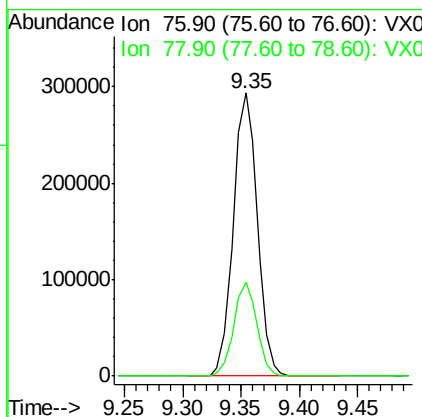
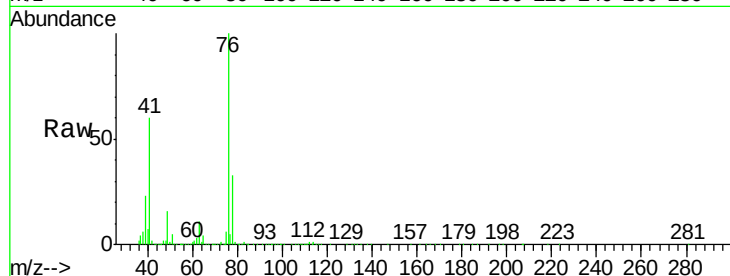
Ion Ratio Lower Upper

76 100

78 31.8 26.4 39.6

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#59

2-Hexanone

Concen: 267.291 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VX017993.D

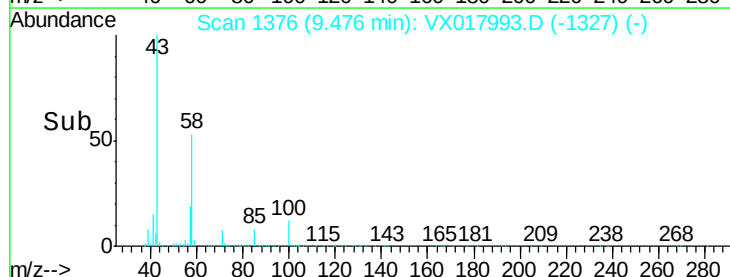
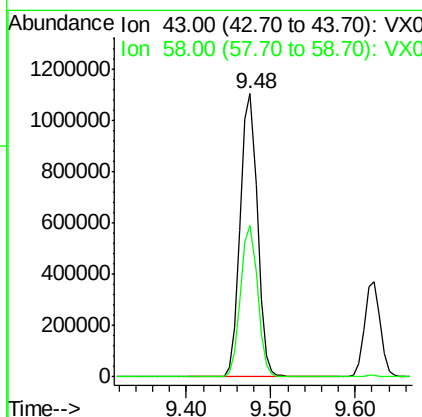
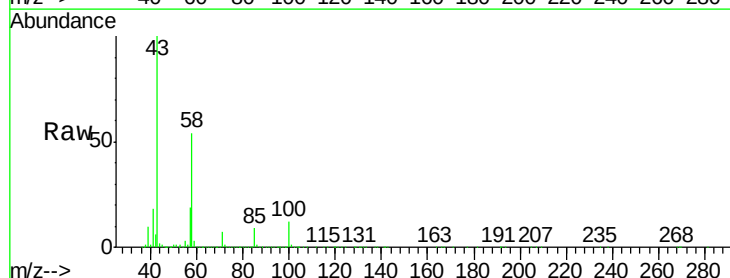
Acq: 19 Aug 2020 18:22

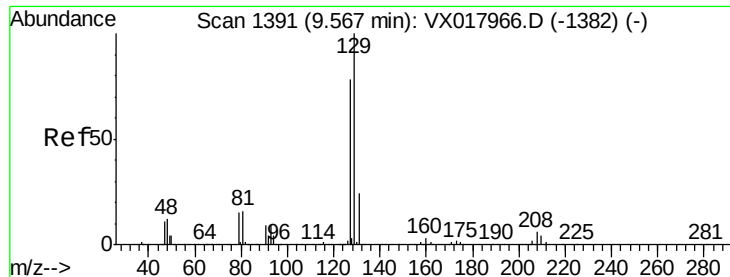
Tgt Ion: 43 Resp: 1497380

Ion Ratio Lower Upper

43 100

58 53.0 26.4 79.0





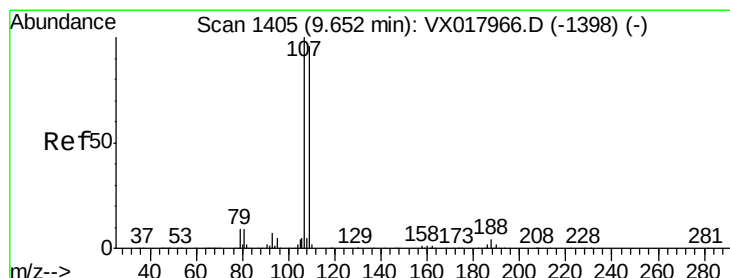
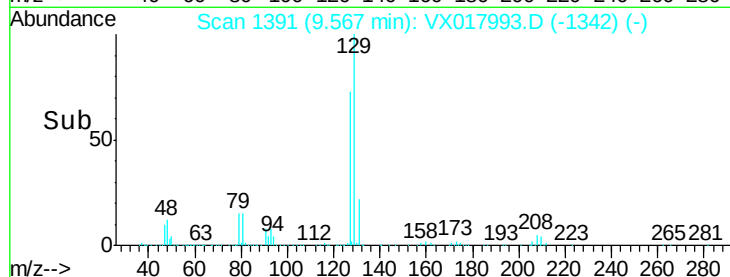
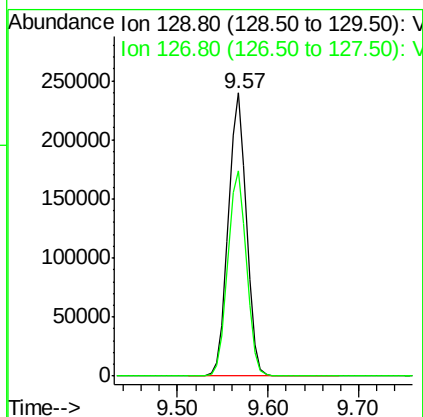
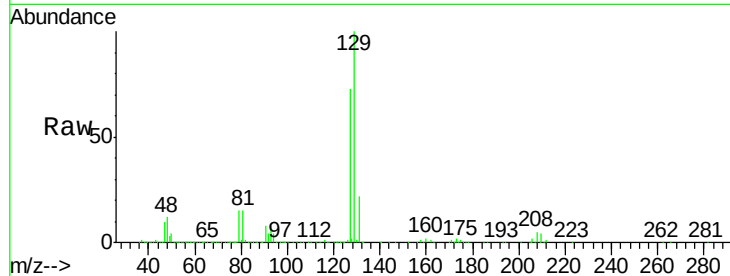
#60  
 Dibromochloromethane  
 Concen: 51.890 ug/l  
 RT: 9.57 min Scan# 1391  
 Delta R.T. 0.00 min  
 Lab File: VX017993.D  
 Acq: 19 Aug 2020 18:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB181-GW-258-260MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 129     | 100   | 333532 |       |       |
| 127     | 74.6  | 39.5   | 118.3 |       |

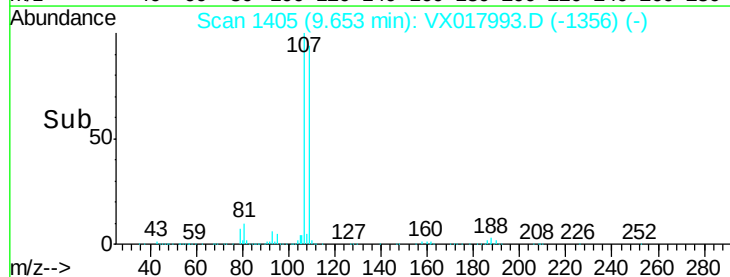
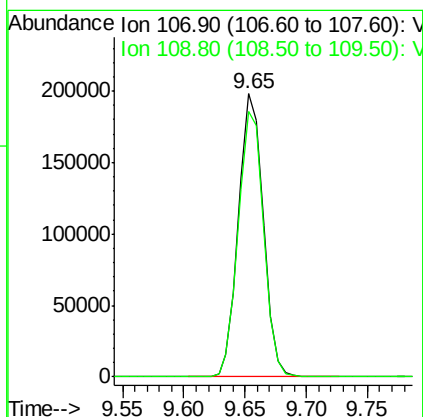
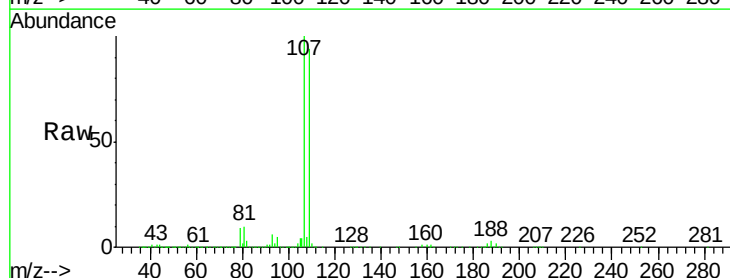
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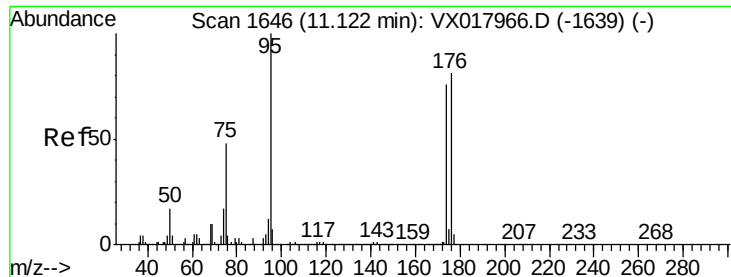
MMDadoda  
 8/20/2020 9:17:02 AM



#61  
 1,2-Dibromoethane  
 Concen: 48.733 ug/l  
 RT: 9.65 min Scan# 1405  
 Delta R.T. 0.00 min  
 Lab File: VX017993.D  
 Acq: 19 Aug 2020 18:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 277812 |       |       |
| 109     | 95.8  | 75.5   | 113.3 |       |





#62

4-Bromofluorobenzene

Concen: 52.696 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

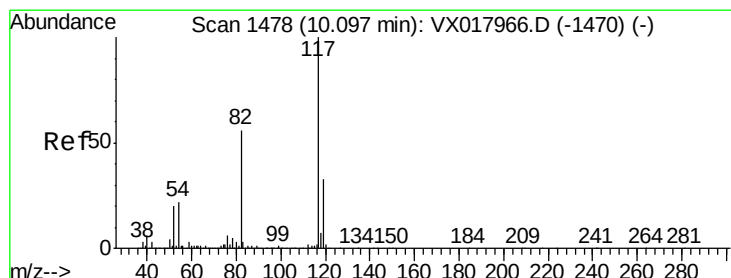
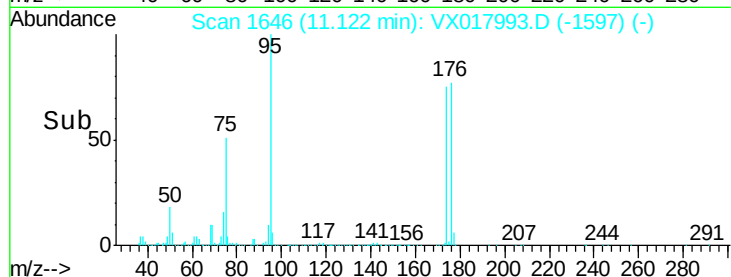
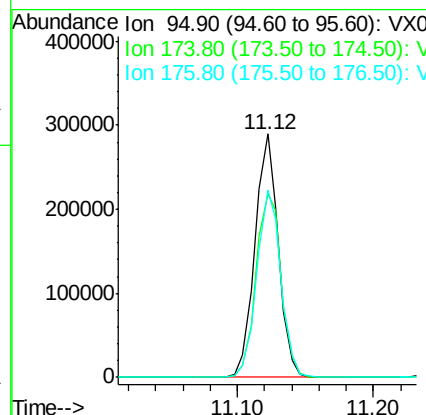
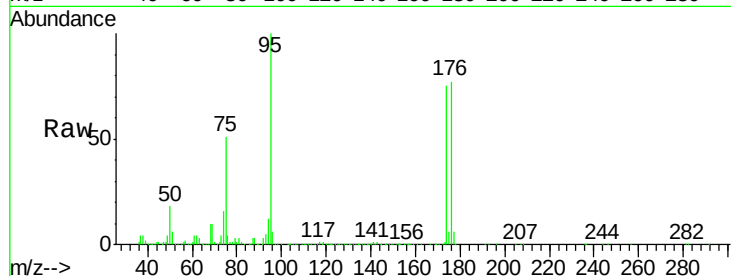
ClientSampleId :

BP-VPB181-GW-258-260MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 95    | Resp: | 347978 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 82.0  | 0.0   | 166.0  |
| 176       | 79.4  | 0.0   | 161.0  |

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8/20/2020 9:17:02 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

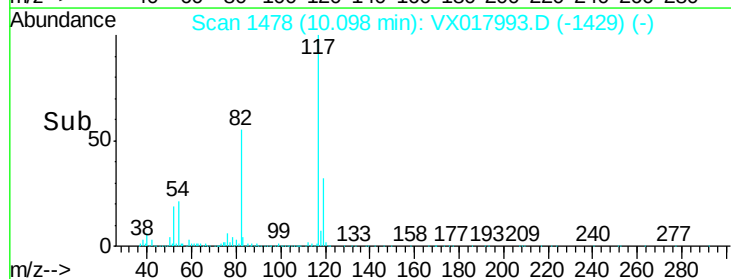
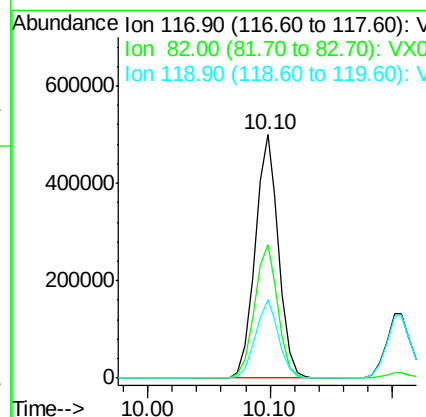
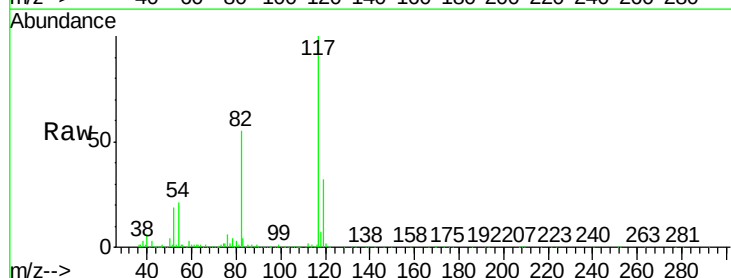
RT: 10.10 min Scan# 1478

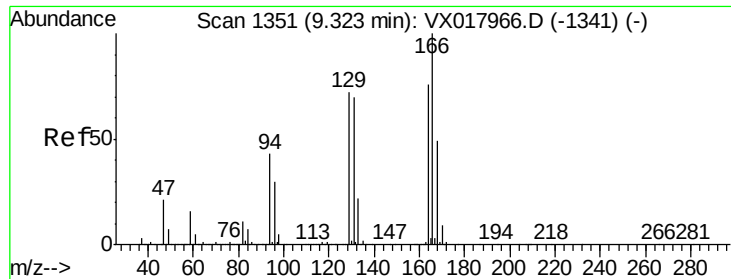
Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 662972 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 54.8  | 44.6  | 66.8   |
| 119       | 32.4  | 26.2  | 39.4   |





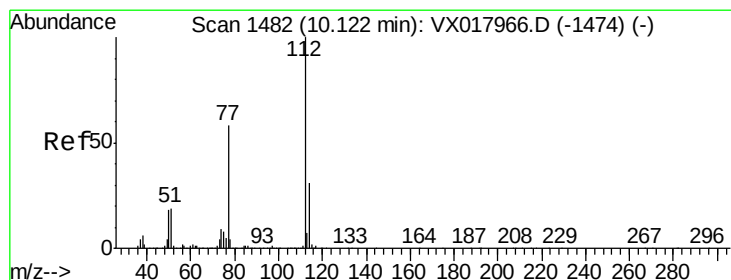
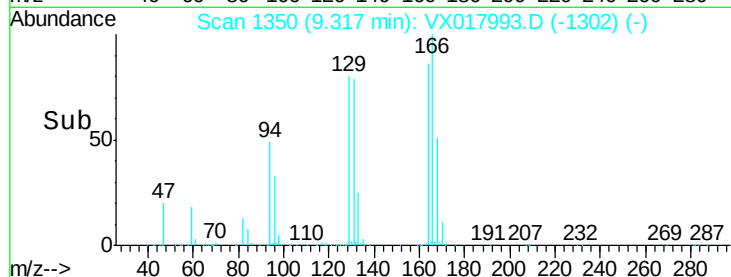
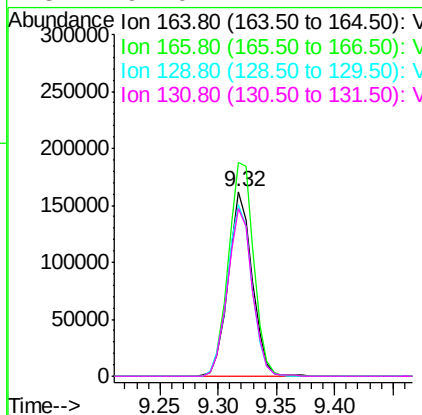
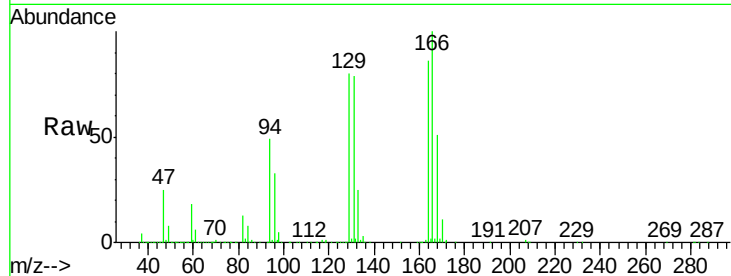
#64  
Tetrachloroethene  
Concen: 45.625 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.01 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   |       |       |       |
| 166     | 115.9 | 105.7 | 158.5 |       |
| 129     | 92.8  | 75.8  | 113.8 |       |
| 131     | 91.0  | 74.2  | 111.4 |       |

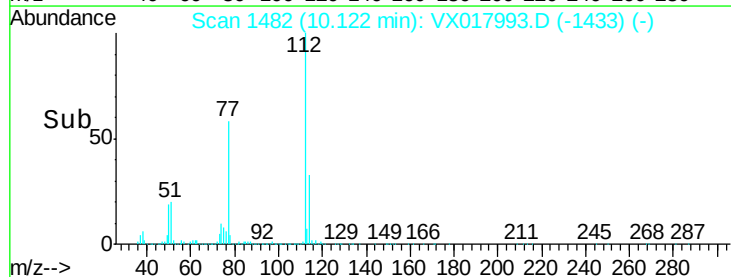
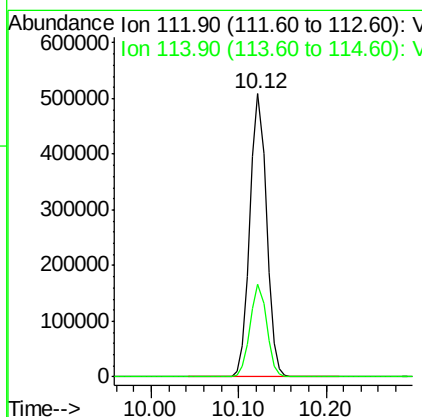
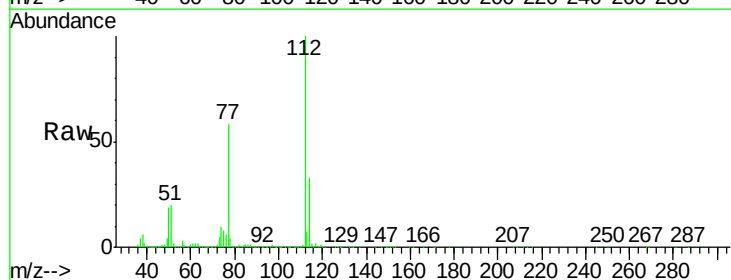
Manual Integrations  
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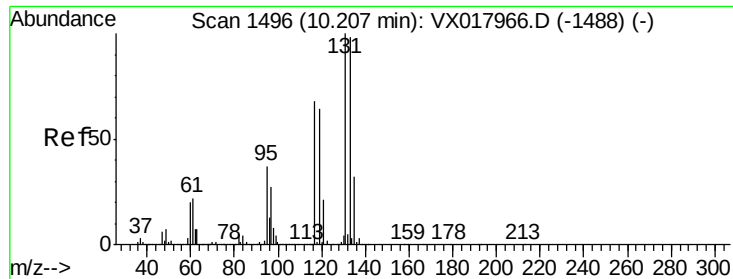
MMDadoda  
8/20/2020 9:17:02 AM



#65  
Chlorobenzene  
Concen: 50.766 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 112     | 100   |      |       |       |
| 114     | 32.7  | 25.0 | 37.6  |       |





#66

1,1,1,2-Tetrachloroethane

Concen: 51.670 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

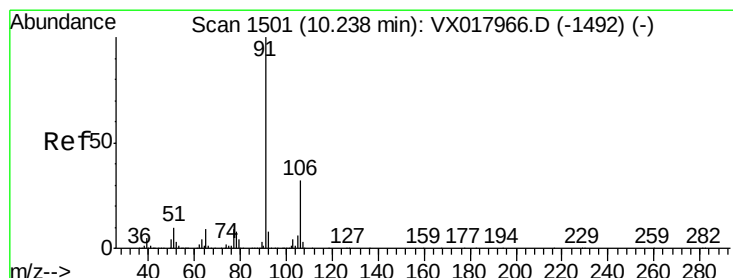
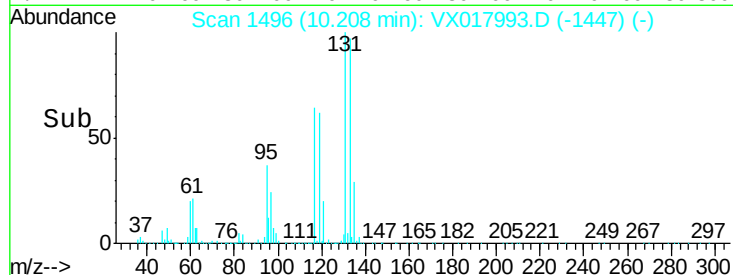
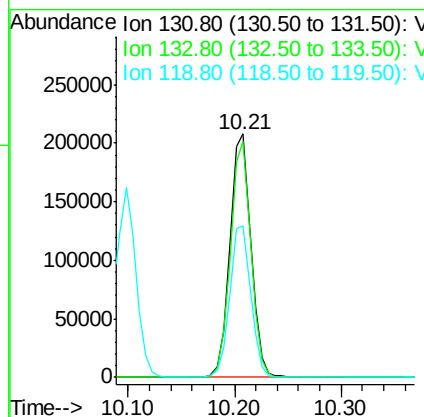
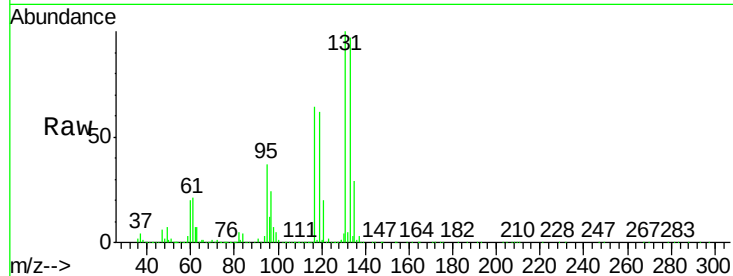
ClientSampleId :

BP-VPB181-GW-258-260MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 131   | Resp: | 287635 |
| Ion Ratio | Lower | Upper |        |
| 131       | 100   |       |        |
| 133       | 94.2  | 48.4  | 145.3  |
| 119       | 62.8  | 31.6  | 94.8   |

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8/20/2020 9:17:02 AM



#67

Ethyl Benzene

Concen: 53.384 ug/l

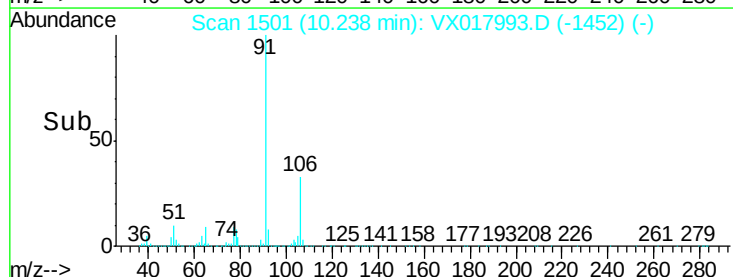
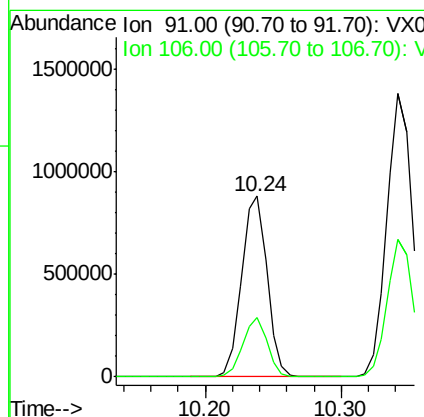
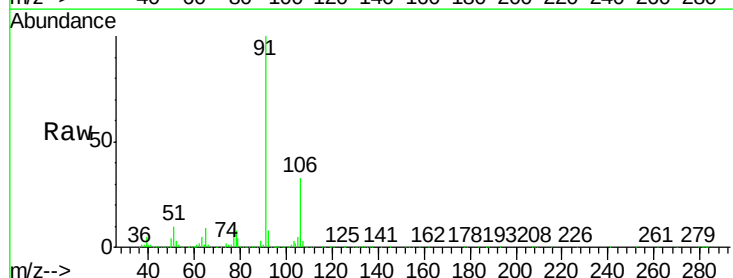
RT: 10.24 min Scan# 1501

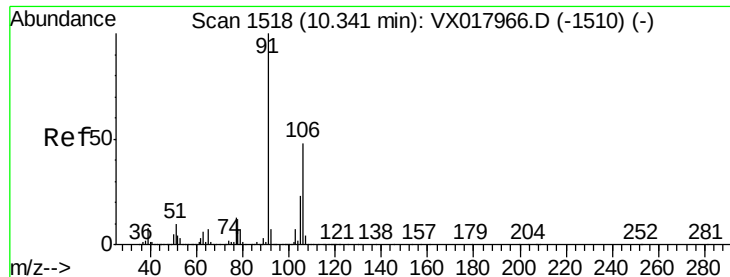
Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1158152 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 106       | 32.6  | 25.4  | 38.0    |





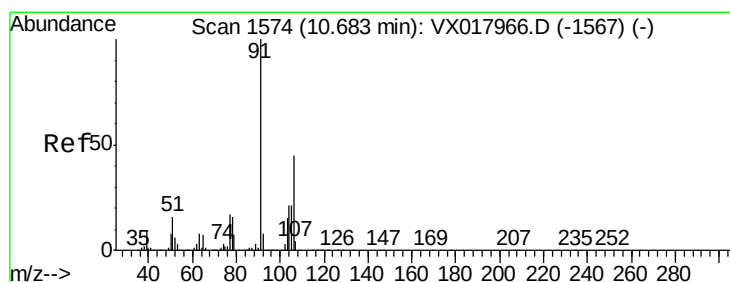
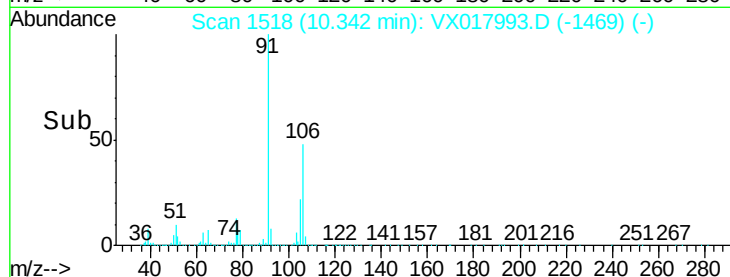
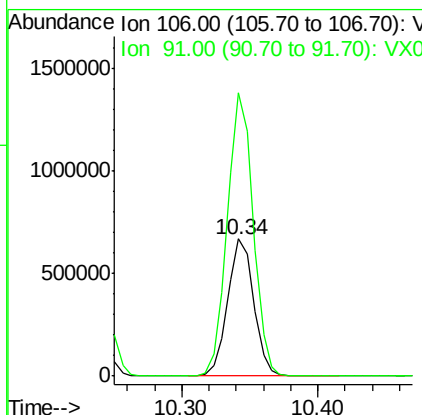
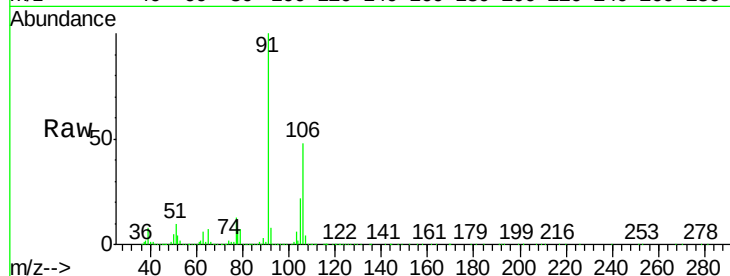
#68  
m/p-Xylenes  
Concen: 106.517 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 106     | 106 | 100   | 889639 |       |       |
| 91      | 91  | 205.1 | 167.4  | 251.2 |       |

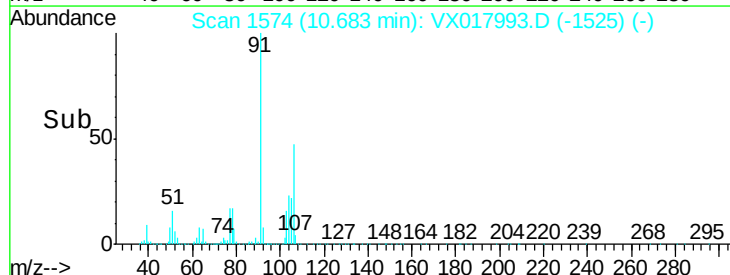
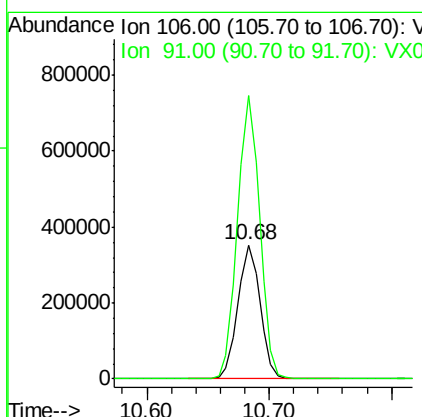
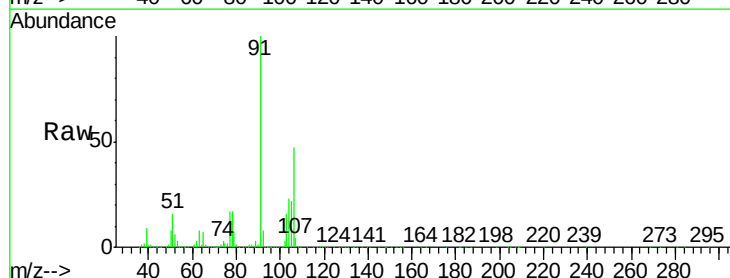
Manual Integrations  
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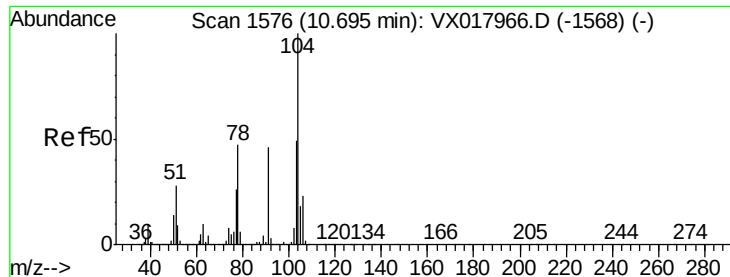
MMDadoda  
8/20/2020 9:17:02 AM



#69  
o-Xylene  
Concen: 54.762 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 106     | 106 | 100   | 441054 |       |       |
| 91      | 91  | 212.1 | 108.1  | 324.2 |       |





#70

Stvrene

Concen: 55.346 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

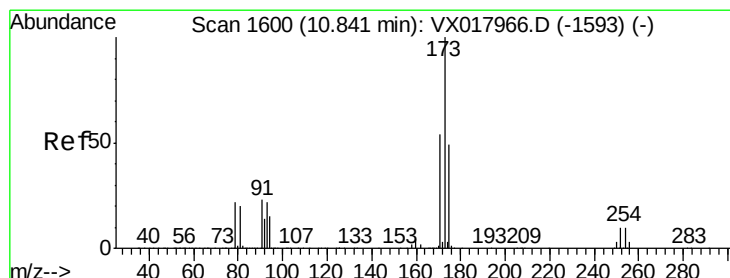
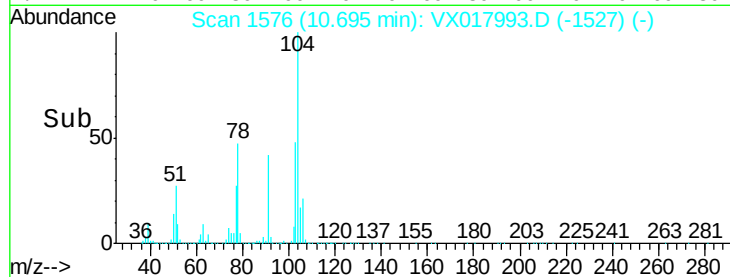
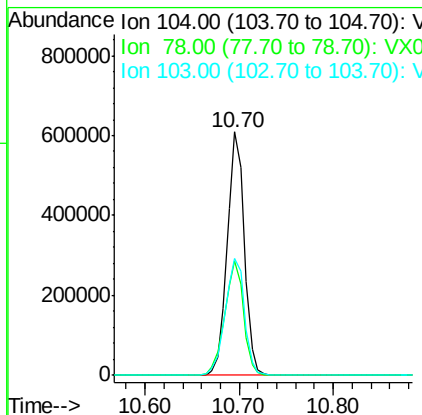
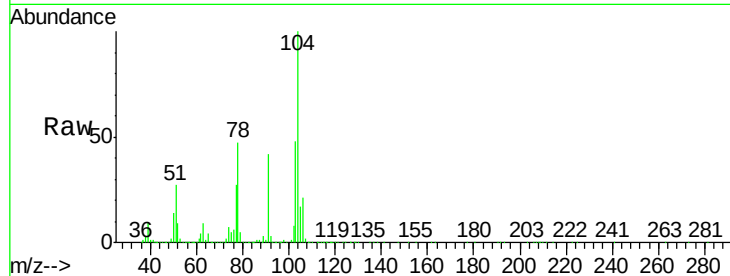
ClientSampleId :

BP-VPB181-GW-258-260MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 104  | Resp: | 769027 |
| Ion Ratio |      | Lower | Upper  |
| 104       | 100  |       |        |
| 78        | 51.5 | 41.3  | 61.9   |
| 103       | 54.0 | 42.9  | 64.3   |

Manual Integrations  
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MMDadoda  
8/20/2020 9:17:02 AM



#71

Bromoform

Concen: 51.616 ug/l

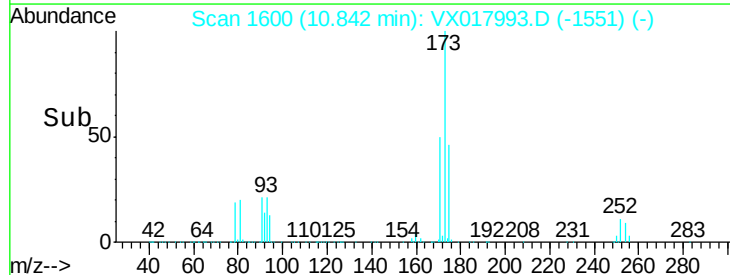
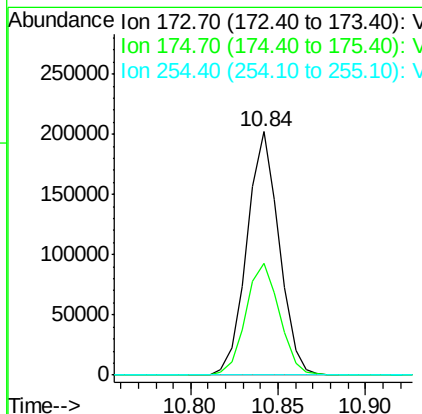
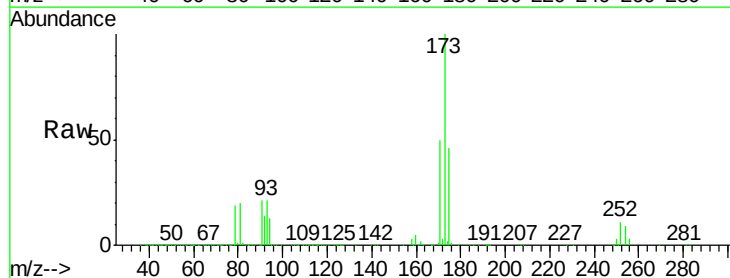
RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

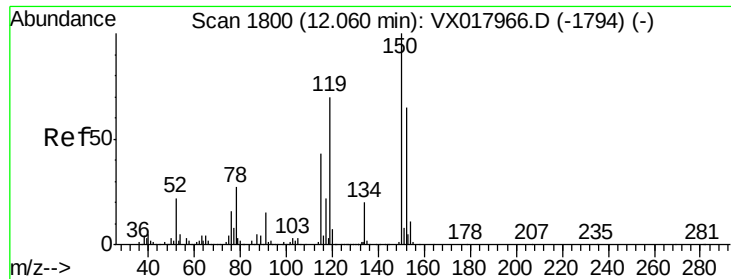
Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 173  | Resp: | 257897 |
| Ion Ratio |      | Lower | Upper  |
| 173       | 100  |       |        |
| 175       | 48.0 | 24.4  | 73.2   |
| 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: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

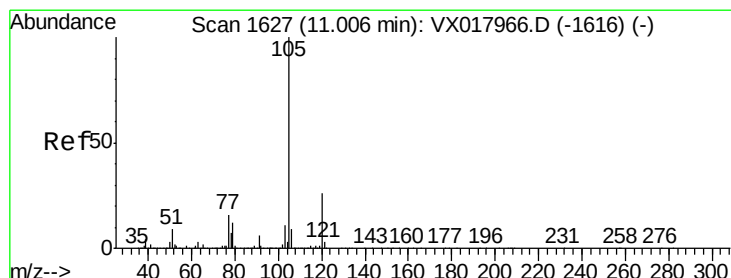
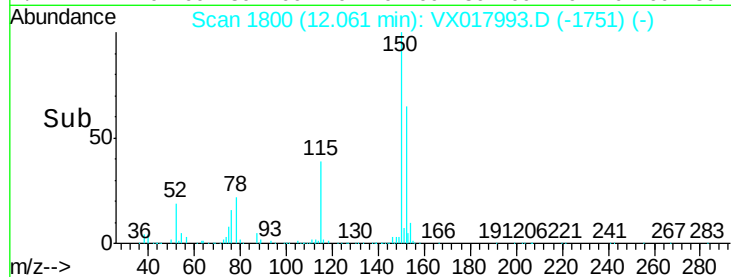
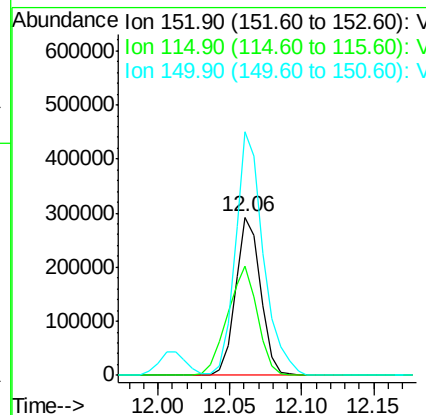
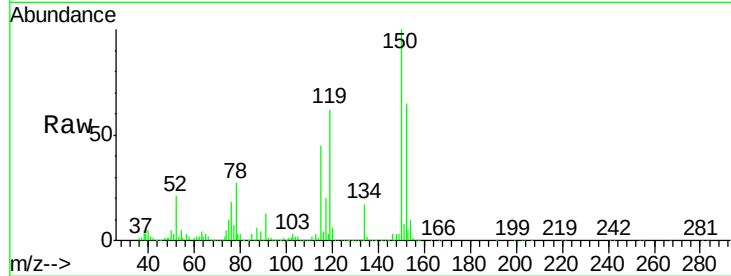
ClientSampleId :

BP-VPB181-GW-258-260MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 356581 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 82.5  | 40.6  | 121.7  |
| 150       | 171.0 | 0.0   | 346.4  |

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#73

Isopropylbenzene

Concen: 51.313 ug/l

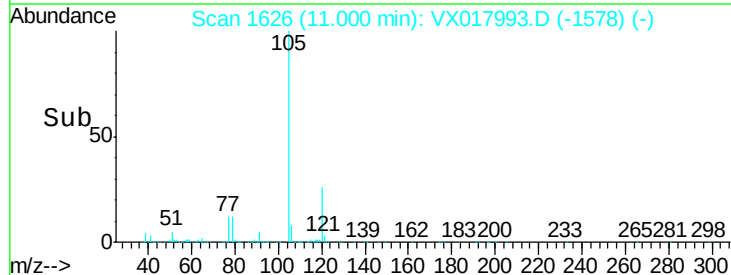
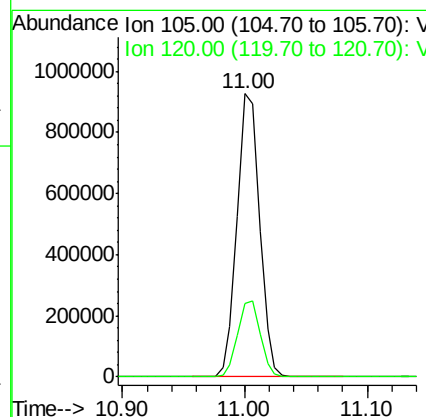
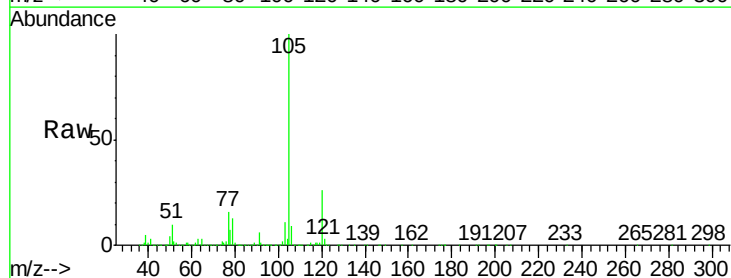
RT: 11.00 min Scan# 1626

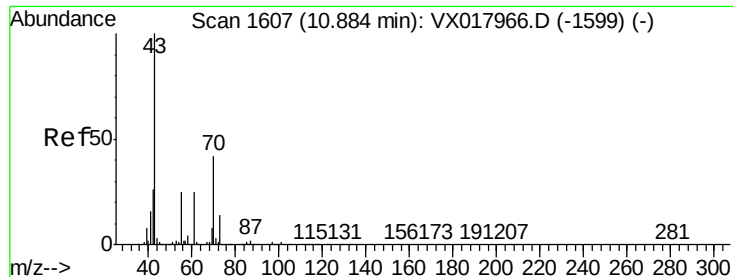
Delta R.T. -0.01 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 105   | Resp: | 1177702 |
| Ion Ratio | Lower | Upper |         |
| 105       | 100   |       |         |
| 120       | 27.0  | 13.5  | 40.4    |





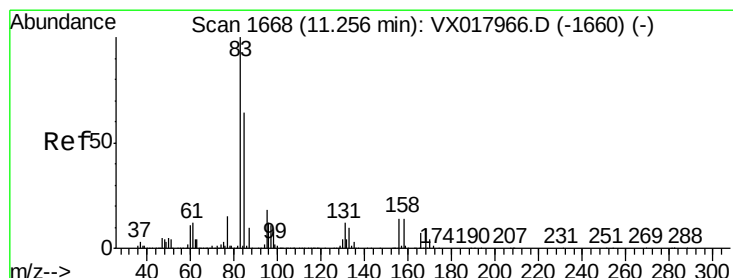
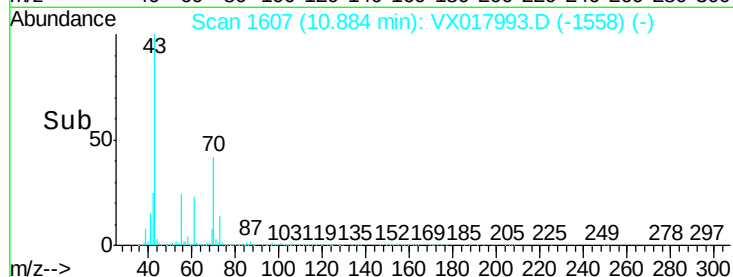
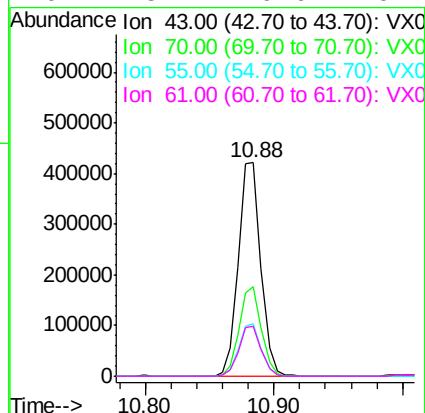
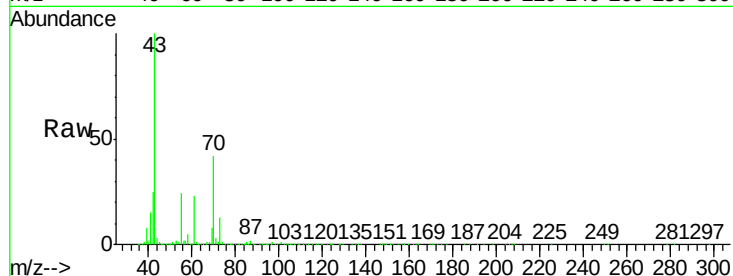
#74  
N-amvl acetate  
Concen: 50.215 ug/l  
RT: 10.88 min Scan# 1607  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 43      | 100  |       | 512627 |       |       |
| 70      | 41.0 | 32.9  | 49.3   |       |       |
| 55      | 24.5 | 19.3  | 28.9   |       |       |
| 61      | 23.4 | 19.6  | 29.4   |       |       |

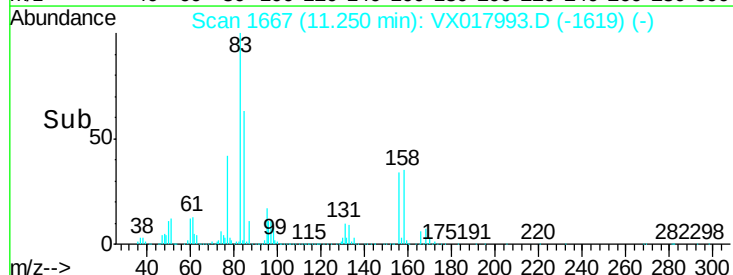
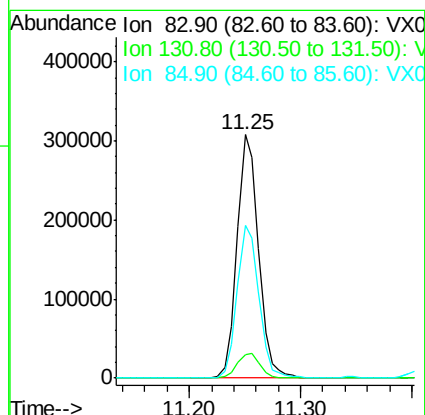
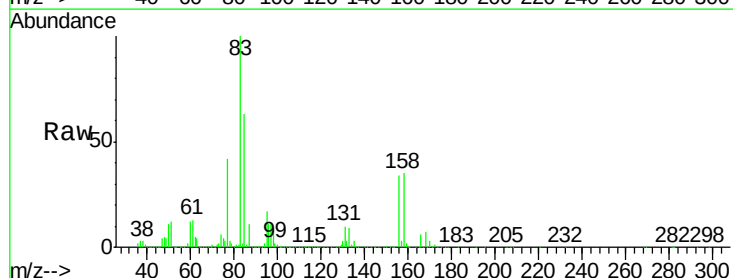
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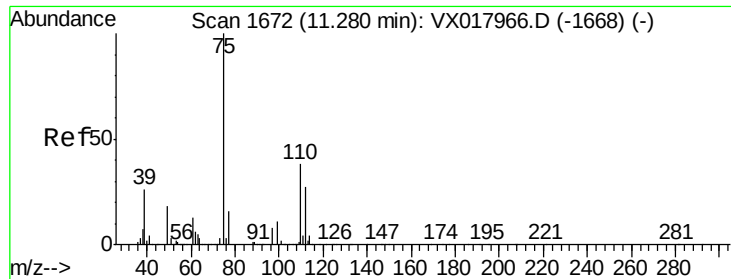
MMDadoda  
8/20/2020 9:17:02 AM



#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.112 ug/l  
RT: 11.25 min Scan# 1667  
Delta R.T. -0.01 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 83      | 100  |       | 409229 |       |       |
| 131     | 10.7 | 5.7   | 17.0   |       |       |
| 85      | 64.1 | 32.2  | 96.6   |       |       |





#76

1,2,3-Trichloropropane

Concen: 49.812 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB181-GW-258-260MS

Tot Ion: 75 Resp: 377736

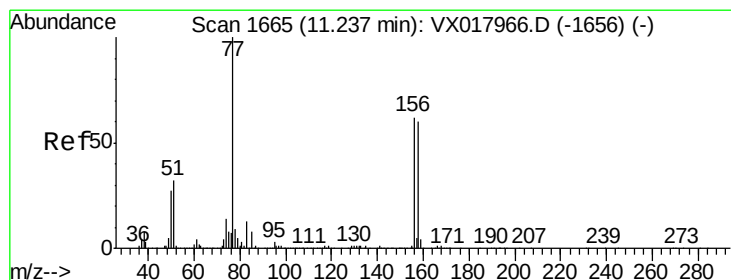
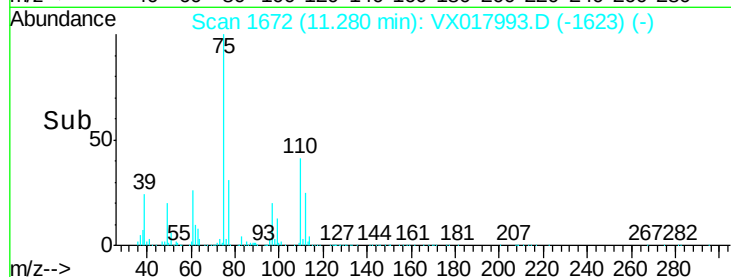
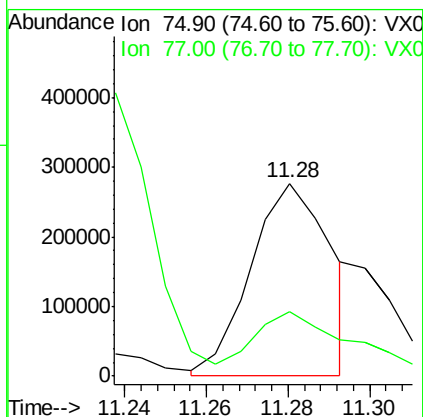
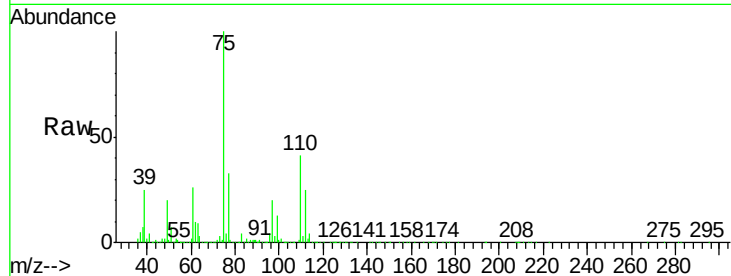
Ion Ratio Lower Upper

75 100

77 41.4 21.1 63.1

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#77

Bromobenzene

Concen: 50.550 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

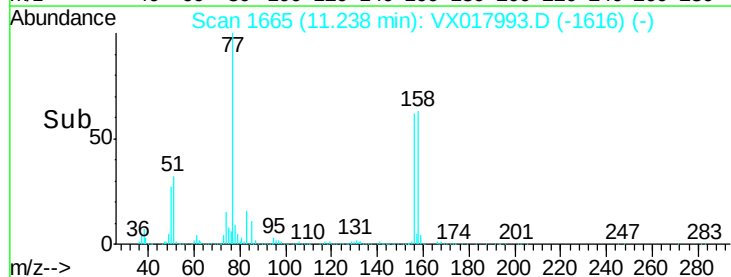
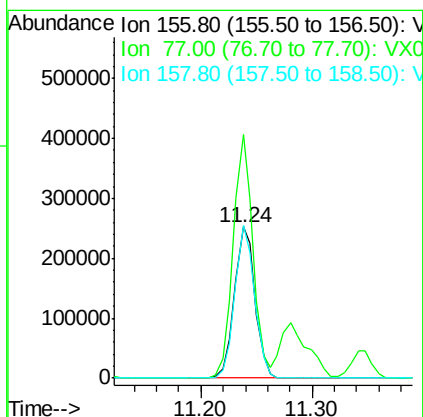
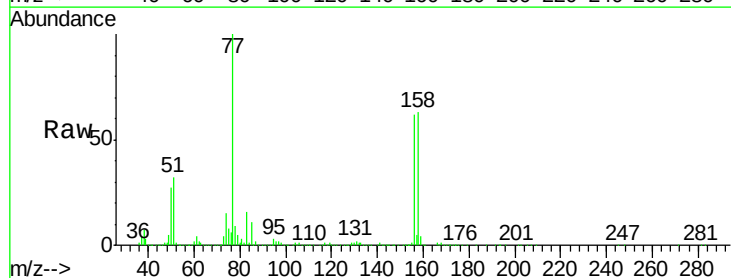
Tgt Ion: 156 Resp: 321888

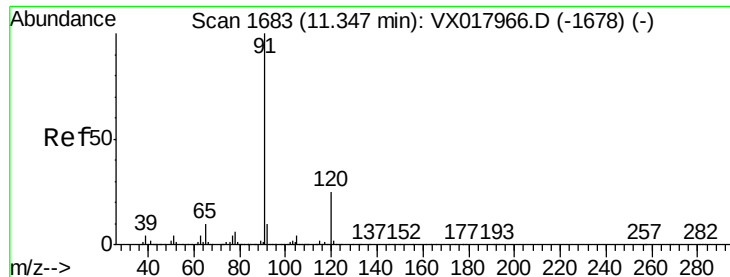
Ion Ratio Lower Upper

156 100

77 154.3 78.0 234.0

158 97.7 49.2 147.6





#78

n-propylbenzene

Concen: 51.231 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB181-GW-258-260MS

Tot Ion: 91 Resp: 1375273

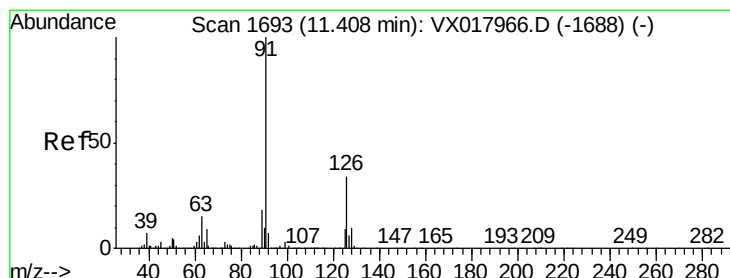
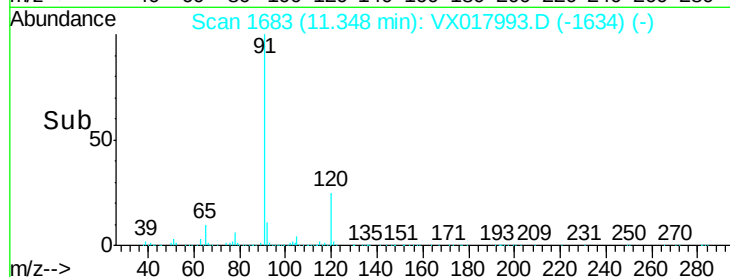
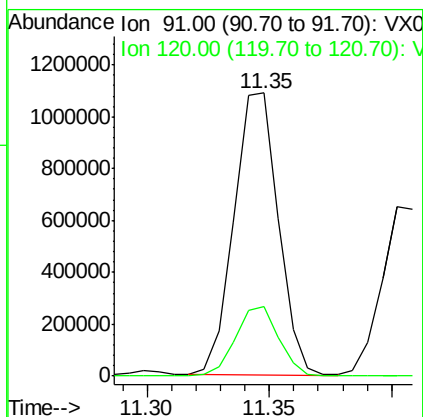
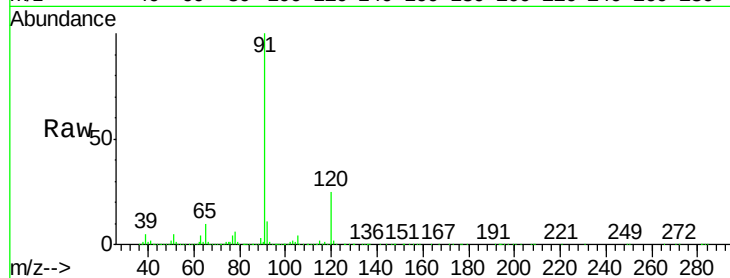
Ion Ratio Lower Upper

91 100

120 24.1 12.0 36.1

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#79

2-Chlorotoluene

Concen: 51.637 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX017993.D

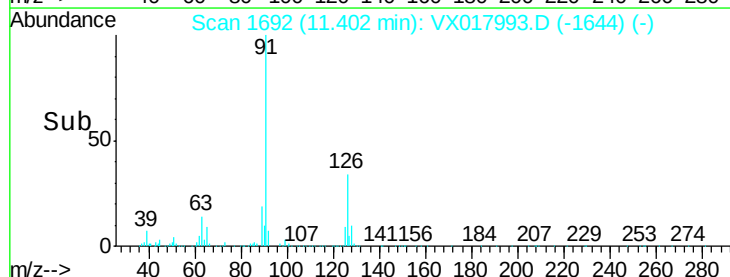
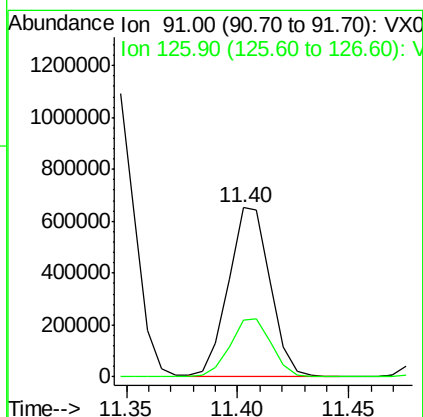
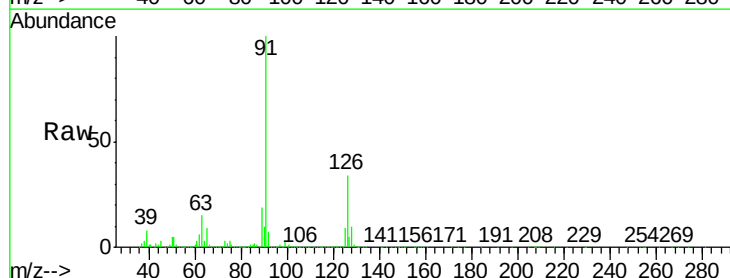
Acq: 19 Aug 2020 18:22

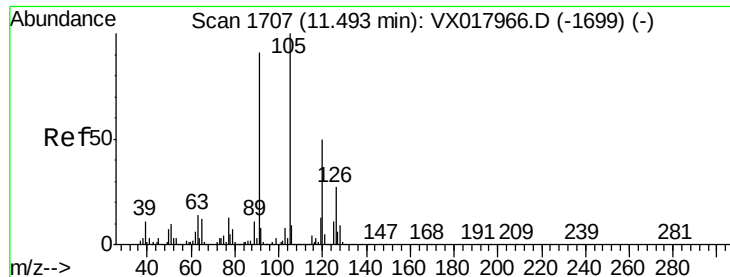
Tgt Ion: 91 Resp: 844762

Ion Ratio Lower Upper

91 100

126 34.4 17.1 51.2





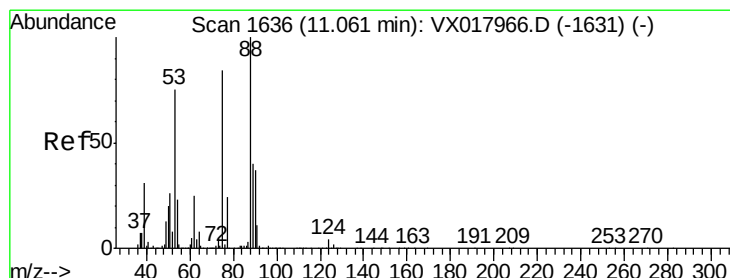
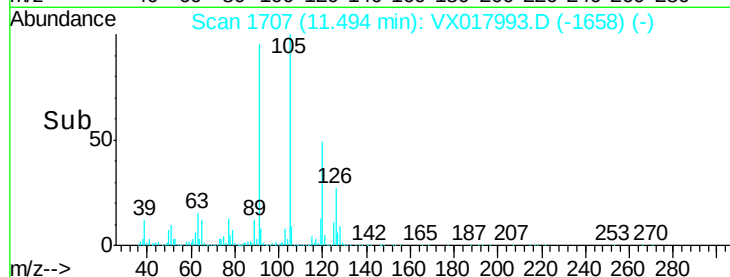
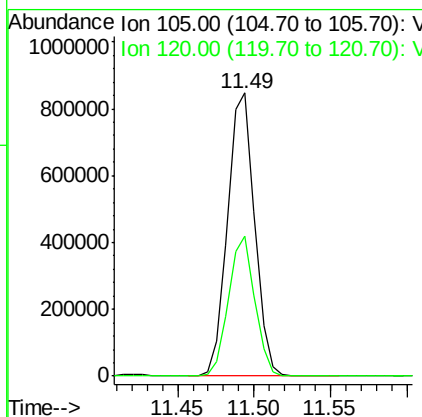
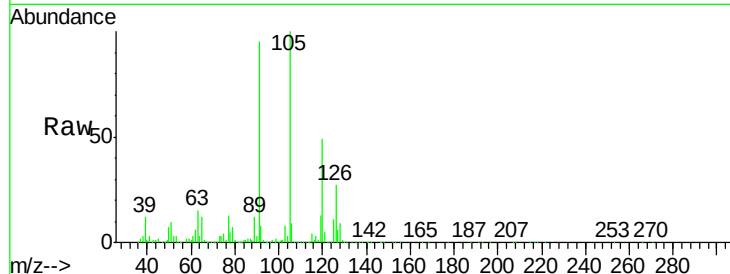
#80  
 1,3,5-Trimethylbenzene  
 Concen: 51.378 ug/l  
 RT: 11.49 min Scan# 1707  
 Delta R.T. 0.00 min  
 Lab File: VX017993.D  
 Acq: 19 Aug 2020 18:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB181-GW-258-260MS

Tot Ion:105 Resp: 1035082  
 Ion Ratio Lower Upper  
 105 100  
 120 48.2 24.1 72.4

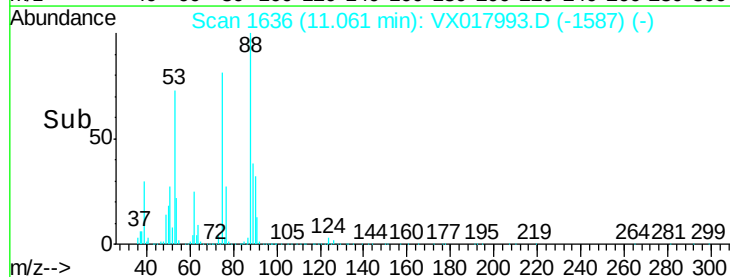
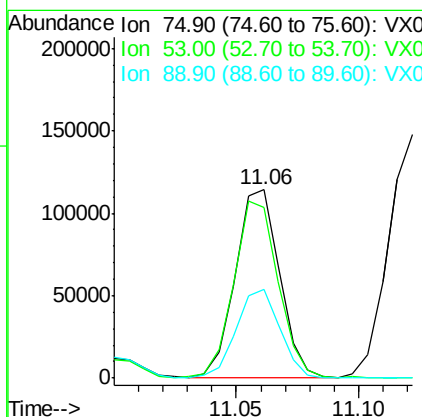
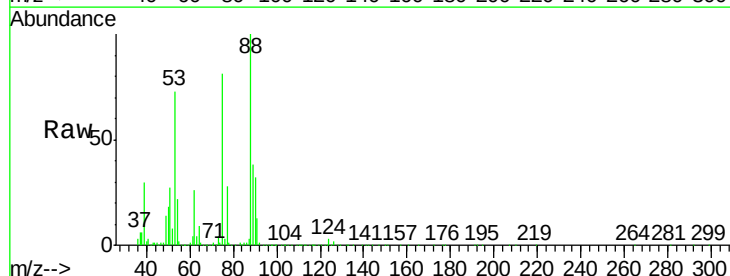
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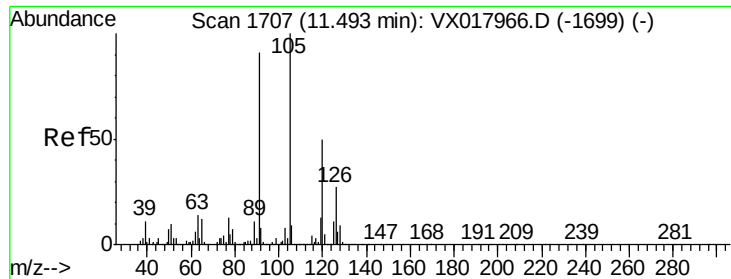
MMDadoda  
 8/20/2020 9:17:02 AM



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 49.942 ug/l  
 RT: 11.06 min Scan# 1636  
 Delta R.T. 0.00 min  
 Lab File: VX017993.D  
 Acq: 19 Aug 2020 18:22

Tgt Ion: 75 Resp: 144160  
 Ion Ratio Lower Upper  
 75 100  
 53 93.9 75.2 112.8  
 89 46.6 38.4 57.6





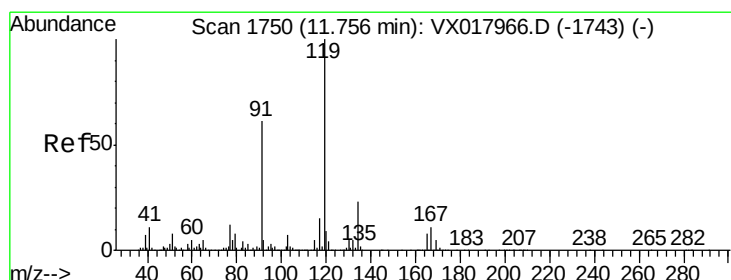
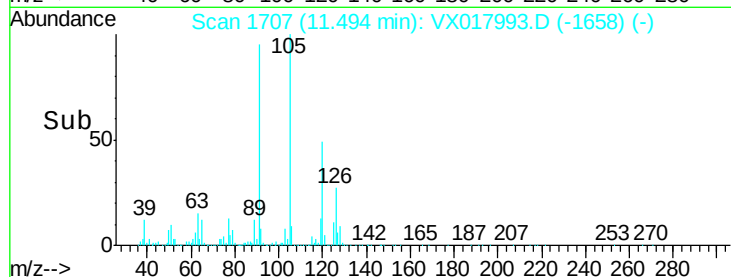
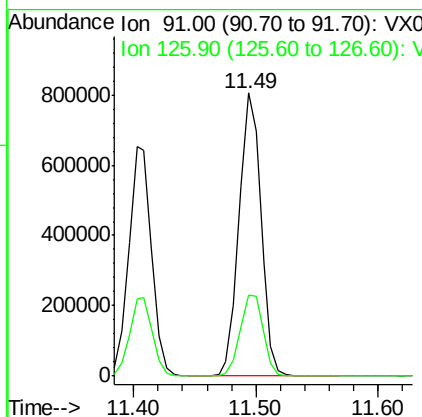
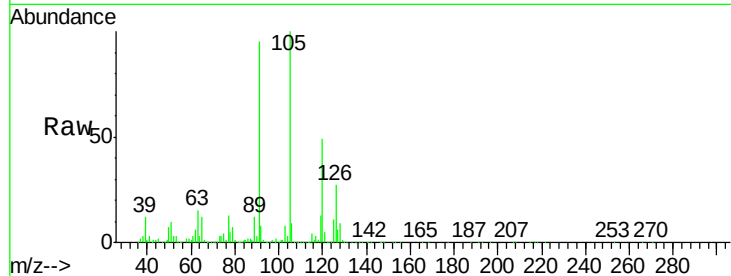
#82  
4-Chlorotoluene  
Concen: 51.786 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.0  | 15.0  | 45.0  |

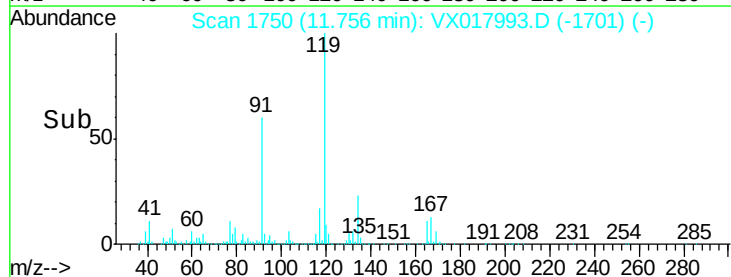
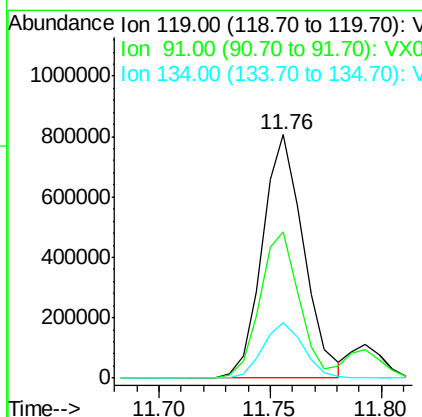
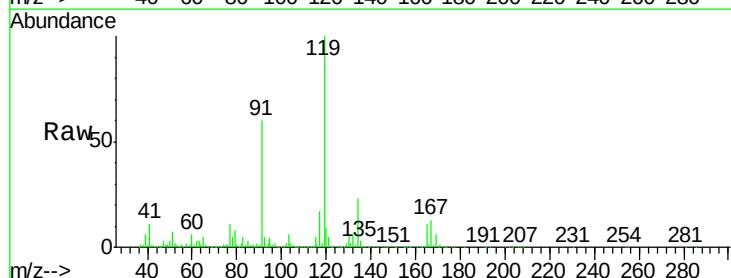
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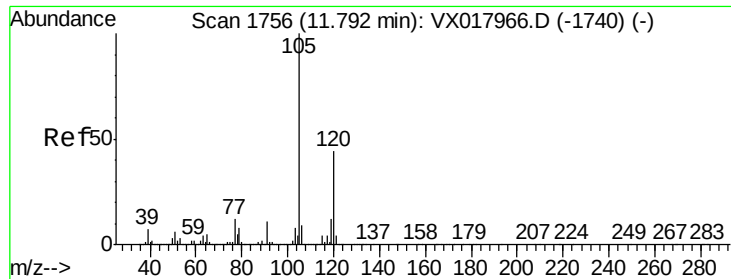
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#83  
tert-Butylbenzene  
Concen: 54.504 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 57.0  | 30.1  | 90.5  |
| 134     | 22.3  | 11.1  | 33.1  |





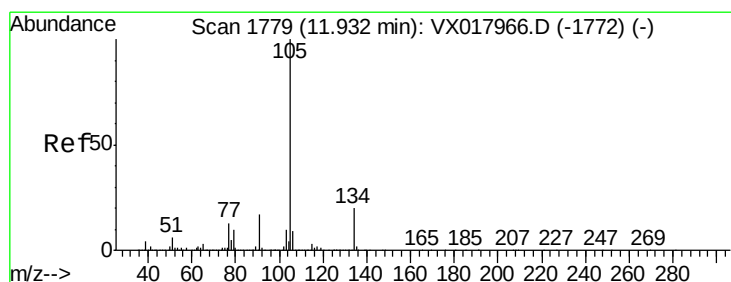
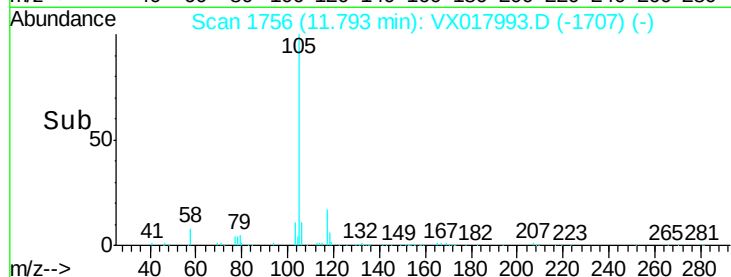
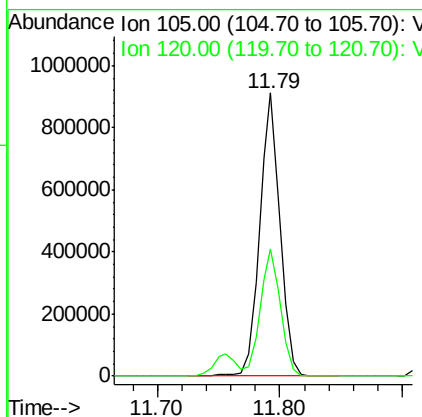
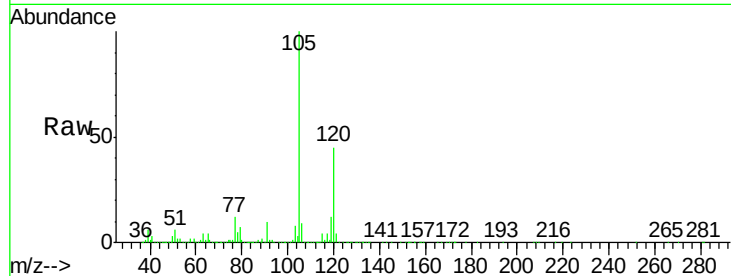
#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.669 ug/l  
 RT: 11.79 min Scan# 1756  
 Delta R.T. 0.00 min  
 Lab File: VX017993.D  
 Acq: 19 Aug 2020 18:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB181-GW-258-260MS

Tot Ion:105 Resp: 1056789  
 Ion Ratio Lower Upper  
 105 100  
 120 44.8 22.1 66.1

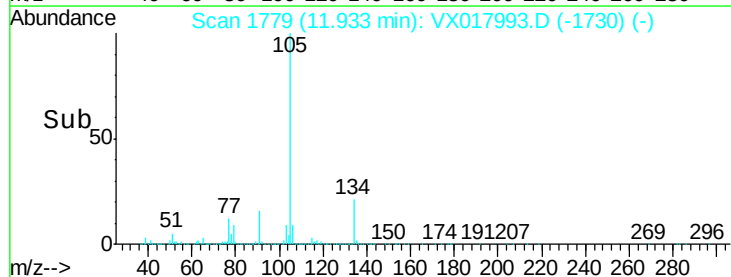
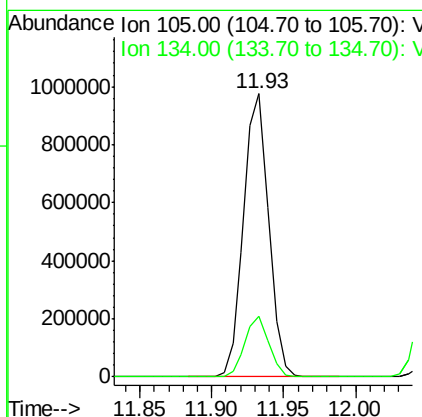
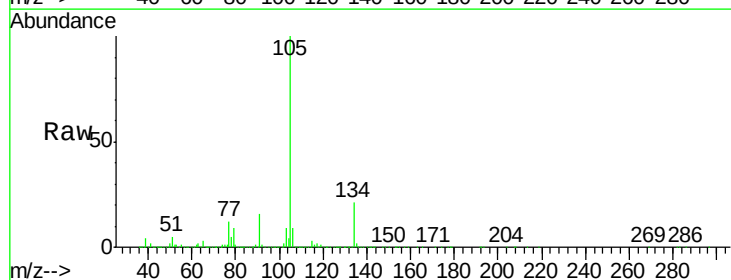
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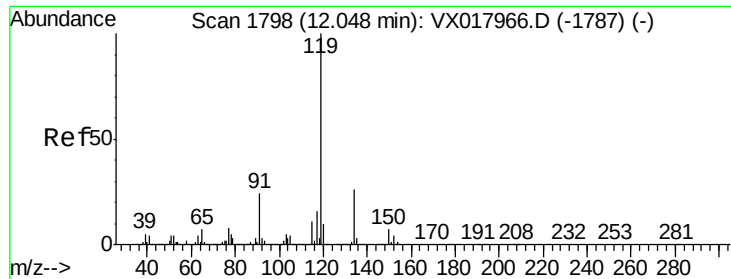
MMDadoda  
 8/20/2020 9:17:02 AM



#85  
 sec-Butylbenzene  
 Concen: 51.391 ug/l  
 RT: 11.93 min Scan# 1779  
 Delta R.T. 0.00 min  
 Lab File: VX017993.D  
 Acq: 19 Aug 2020 18:22

Tgt Ion:105 Resp: 1180306  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.3 30.9





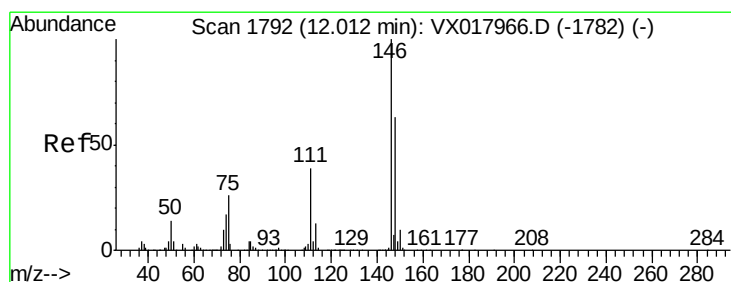
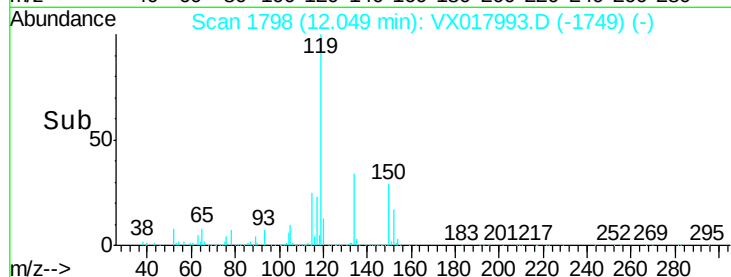
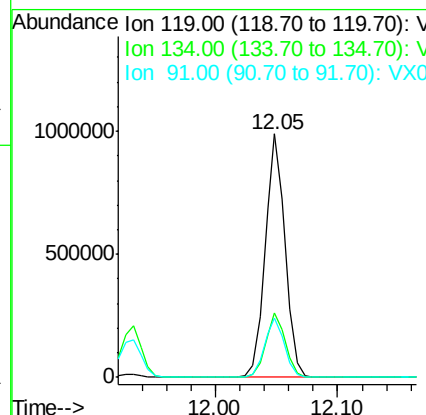
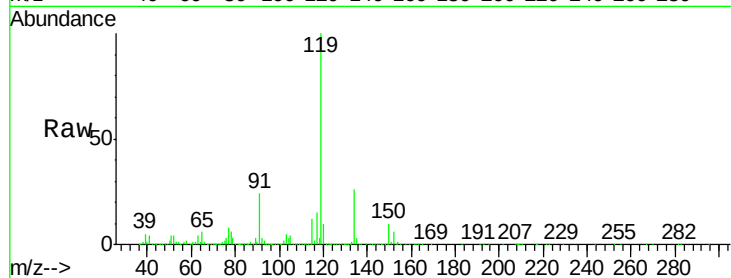
#86  
p-Isopropyltoluene  
Concen: 52.367 ug/l  
RT: 12.05 min Scan# 1798  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.2  | 12.7  | 38.0  |
| 91      | 24.1  | 12.2  | 36.4  |

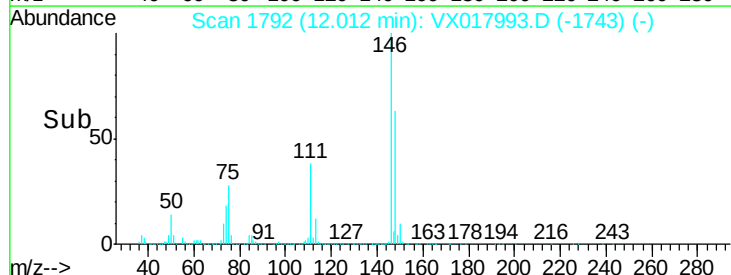
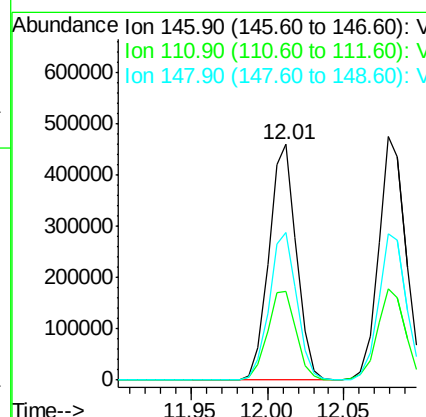
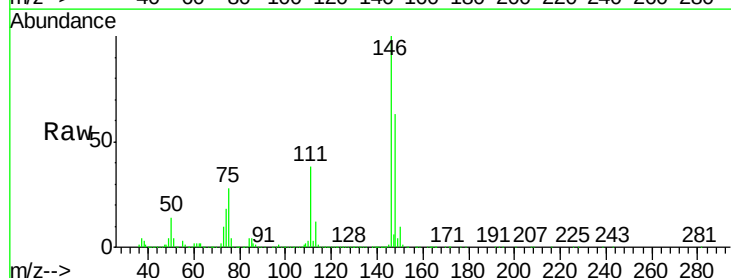
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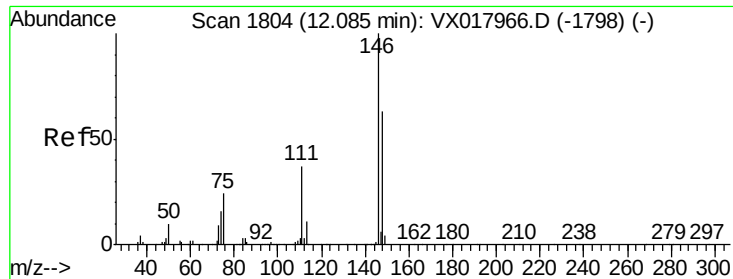


#87  
1,3-Dichlorobenzene  
Concen: 49.691 ug/l  
RT: 12.01 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.5  | 20.1  | 60.3  |
| 148     | 62.8  | 31.6  | 95.0  |







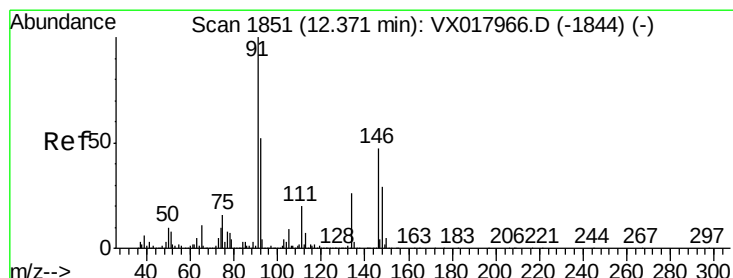
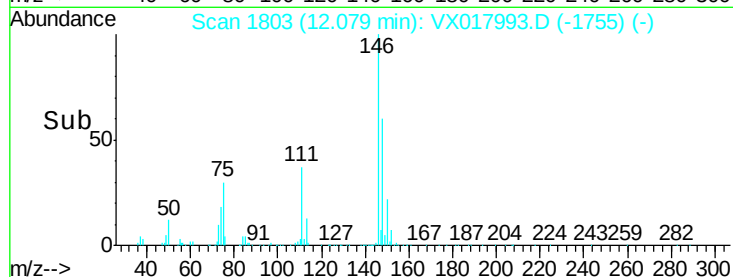
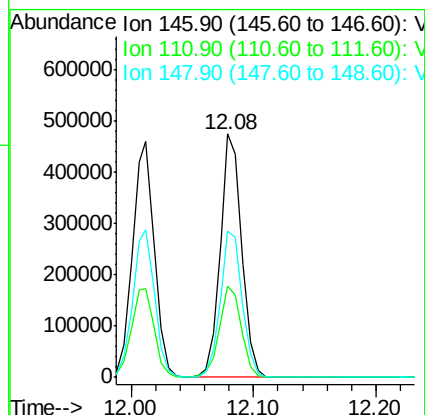
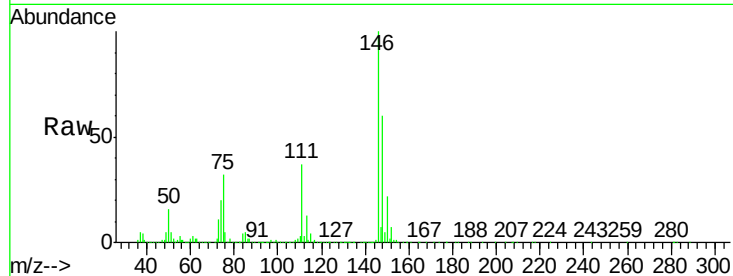
#88  
 1,4-Dichlorobenzene  
 Concen: 51.186 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.01 min  
 Lab File: VX017993.D  
 Acq: 19 Aug 2020 18:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB181-GW-258-260MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.4  | 19.7  | 59.1  |
| 148     | 61.5  | 31.9  | 95.7  |

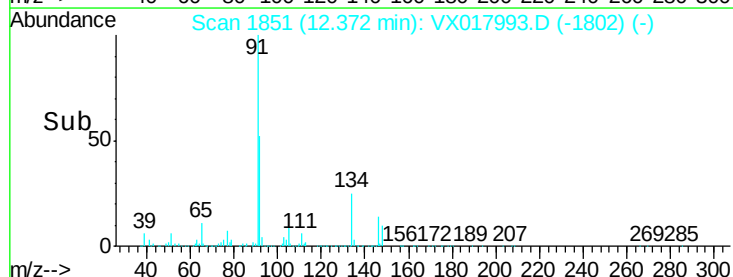
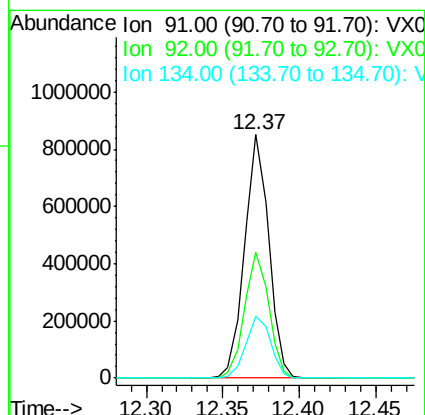
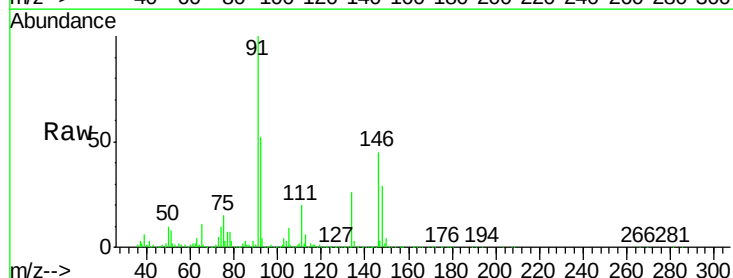
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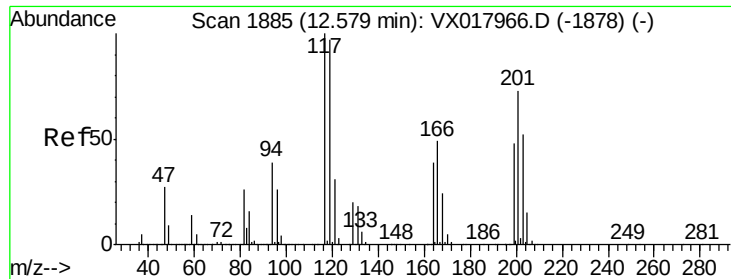
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 8/20/2020 9:17:02 AM



#89  
 n-Butylbenzene  
 Concen: 52.674 ug/l  
 RT: 12.37 min Scan# 1851  
 Delta R.T. 0.00 min  
 Lab File: VX017993.D  
 Acq: 19 Aug 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.2  | 25.7  | 77.0  |
| 134     | 26.5  | 13.4  | 40.2  |





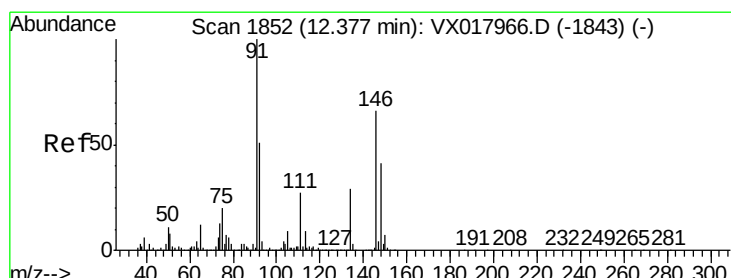
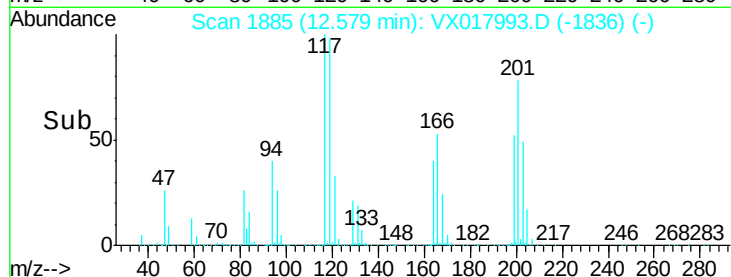
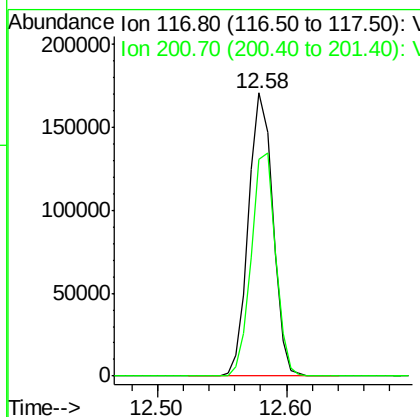
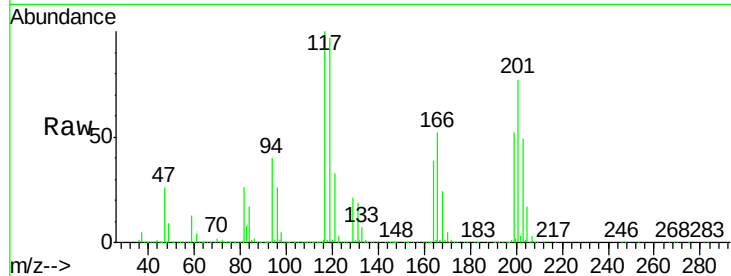
#90  
Hexachloroethane  
Concen: 52.143 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-258-260MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 78.3  | 40.8  | 122.2 |

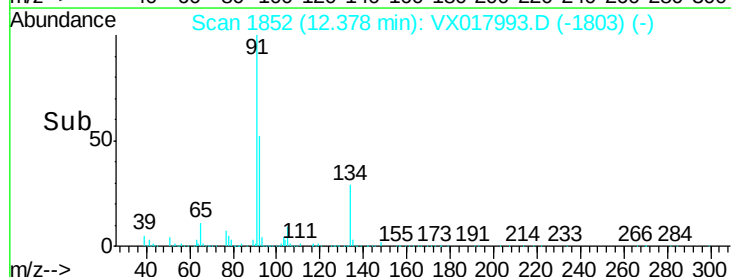
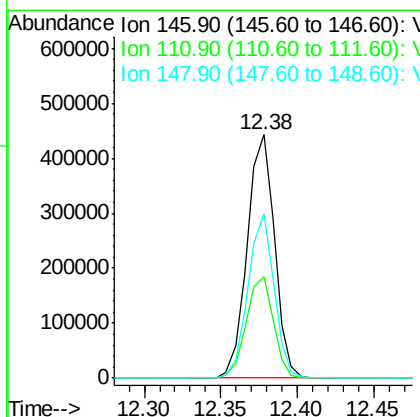
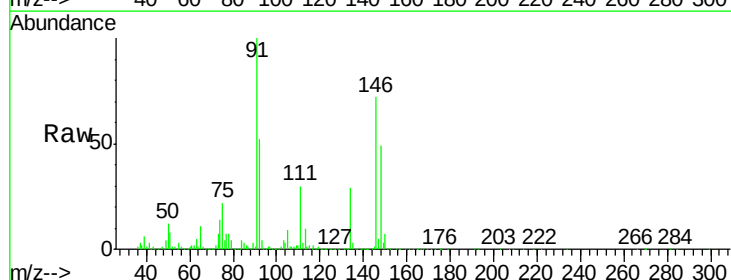
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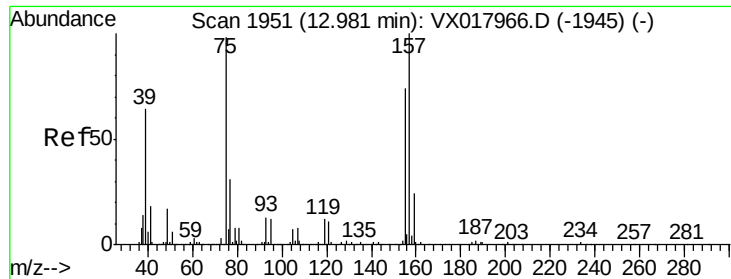
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#91  
1,2-Dichlorobenzene  
Concen: 51.294 ug/l  
RT: 12.38 min Scan# 1852  
Delta R.T. 0.00 min  
Lab File: VX017993.D  
Acq: 19 Aug 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.6  | 20.6  | 61.9  |
| 148     | 64.5  | 31.2  | 93.6  |





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.618 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

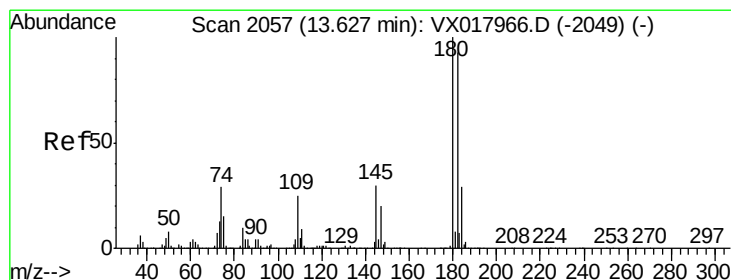
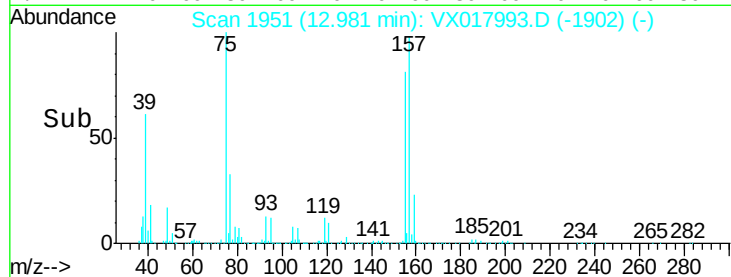
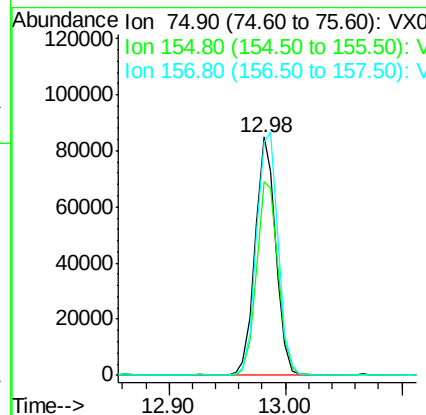
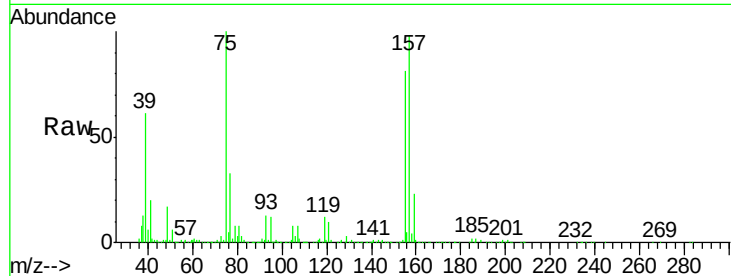
ClientSampleId :

BP-VPB181-GW-258-260MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 75    | Resp: | 105275 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 155       | 85.0  | 40.5  | 121.5  |
| 157       | 106.0 | 54.4  | 163.2  |

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#93

1,2,4-Trichlorobenzene

Concen: 51.977 ug/l

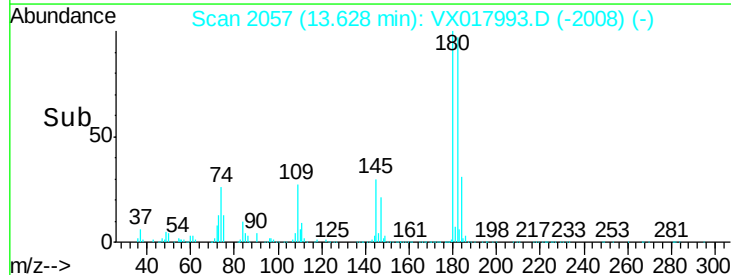
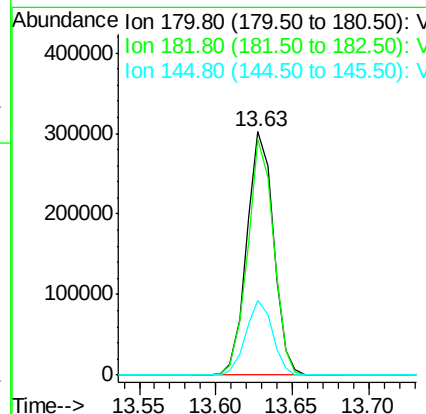
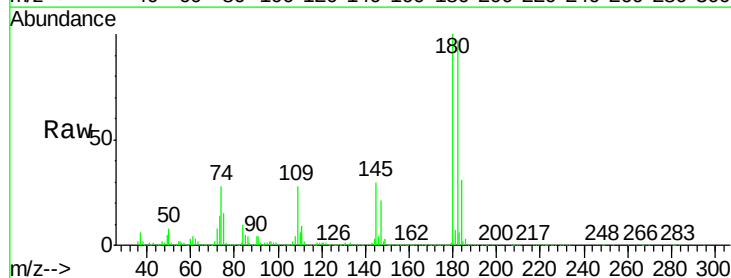
RT: 13.63 min Scan# 2057

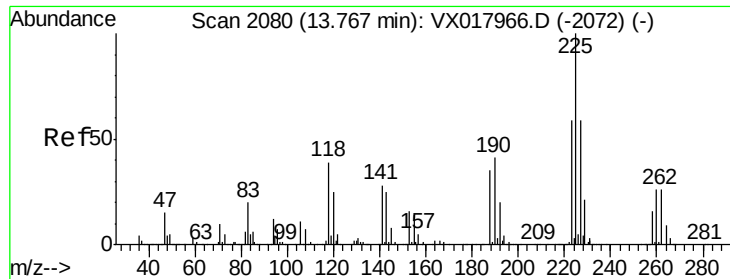
Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 365836 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.6  | 48.8  | 146.4  |
| 145       | 30.8  | 16.0  | 48.0   |





#94

Hexachlorobutadiene

Concen: 49.161 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

Instrument :

MSVOA\_X

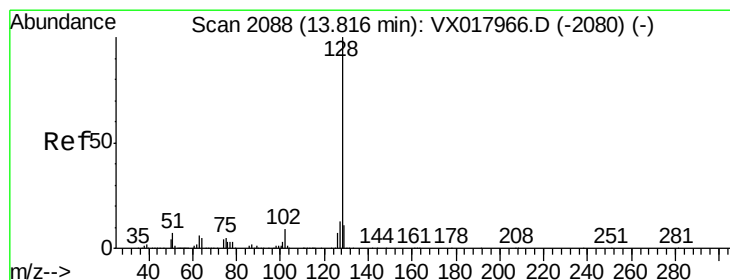
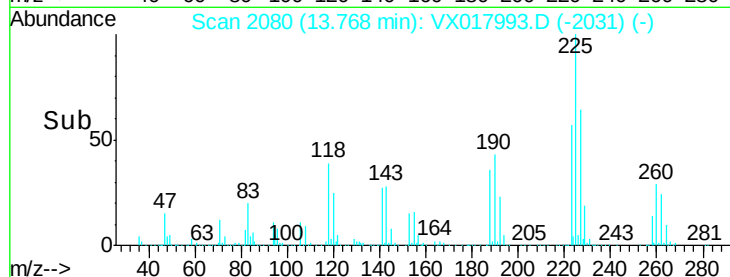
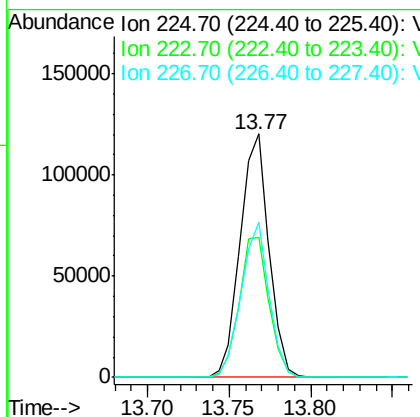
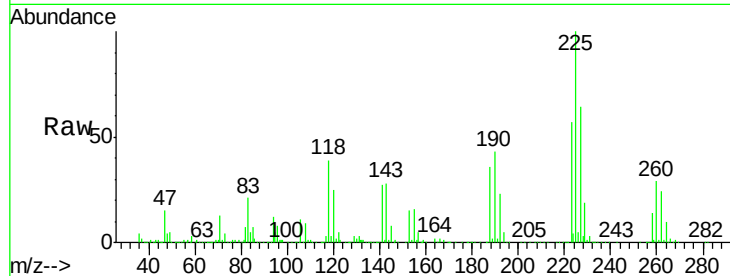
ClientSampleId :

BP-VPB181-GW-258-260MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 225  | Resp: | 147668 |
| Ion Ratio |      | Lower | Upper  |
| 225       | 100  |       |        |
| 223       | 59.6 | 32.1  | 96.3   |
| 227       | 61.9 | 29.8  | 89.5   |

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#95

Naphthalene

Concen: 55.075 ug/l

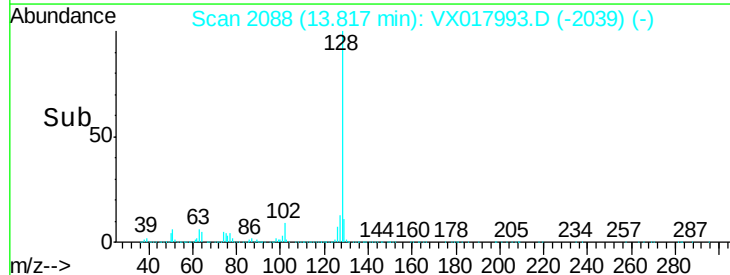
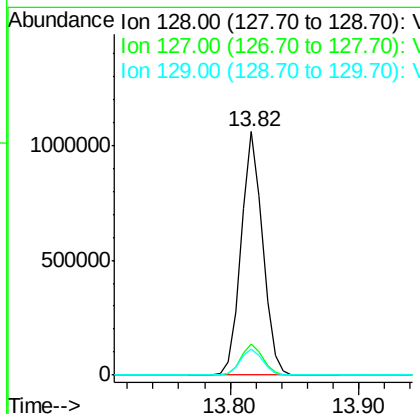
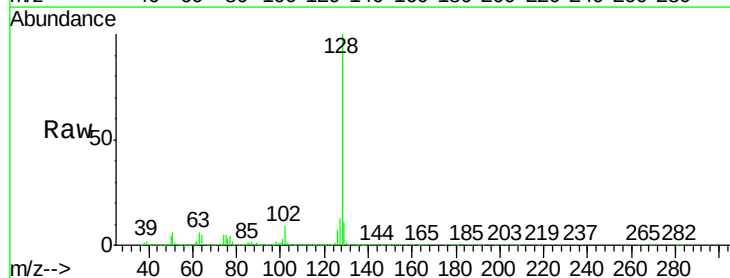
RT: 13.82 min Scan# 2088

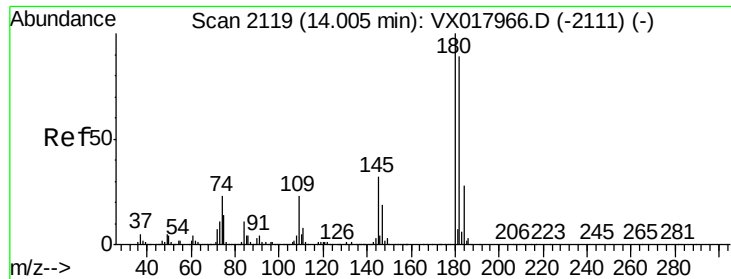
Delta R.T. 0.00 min

Lab File: VX017993.D

Acq: 19 Aug 2020 18:22

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 128  | Resp: | 1223613 |
| Ion Ratio |      | Lower | Upper   |
| 128       | 100  |       |         |
| 127       | 12.9 | 10.7  | 16.1    |
| 129       | 11.3 | 8.6   | 13.0    |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 51.701 ug/l  
 RT: 14.01 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VX017993.D  
 Acq: 19 Aug 2020 18:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB181-GW-258-260MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 370030 |       |       |
| 182     | 96.5  | 46.6   | 139.8 |       |
| 145     | 33.9  | 16.8   | 50.4  |       |

Manual Integrations  
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