

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030419\  
 Data File : VX007825.D  
 Acq On : 04 Mar 2019 21:41  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 3/5/2019 9:35:01 AM

Quant Time: Mar 04 22:55:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 26 01:53:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 302219   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 451746   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 393480   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 204621   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 152136   | 40.64 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 81.28% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 135867   | 44.99 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.98% |          |
| 50) Toluene-d8              | 8.71  | 98   | 492546   | 42.60 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 85.20% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 177373   | 41.80 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 83.60% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 114680   | 41.192  | ug/l  | 99     |
| 3) Chloromethane              | 1.33 | 50   | 141925   | 46.003  | ug/l  | 100    |
| 4) Vinyl Chloride             | 1.41 | 62   | 147991   | 46.756  | ug/l  | 99     |
| 5) Bromomethane               | 1.64 | 94   | 78111    | 38.832  | ug/l  | 99     |
| 6) Chloroethane               | 1.71 | 64   | 118455   | 58.577  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 203737   | 41.988  | ug/l  | 98     |
| 8) Diethyl Ether              | 2.19 | 74   | 92906    | 46.654  | ug/l  | 87     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101  | 124783   | 42.548  | ug/l  | 98     |
| 10) Methyl Iodide             | 2.51 | 142  | 186310   | 51.019  | ug/l  | 96     |
| 11) Tert butyl alcohol        | 3.08 | 59   | 184064   | 259.143 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 123201   | 46.604  | ug/l  | 94     |
| 13) Acrolein                  | 2.30 | 56   | 183291   | 290.402 | ug/l  | 100    |
| 14) Allyl chloride            | 2.73 | 41   | 265368   | 54.289  | ug/l  | 89     |
| 15) Acrylonitrile             | 3.15 | 53   | 442641   | 264.816 | ug/l  | 99     |
| 16) Acetone                   | 2.45 | 43   | 366778   | 220.320 | ug/l  | 98     |
| 17) Carbon Disulfide          | 2.57 | 76   | 359924   | 48.938  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.78 | 43   | 227210   | 62.546  | ug/l  | 96     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73   | 451574   | 49.053  | ug/l  | 99     |
| 20) Methylene Chloride        | 2.85 | 84   | 145235   | 47.246  | ug/l  | 93     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 132783   | 46.203  | ug/l  | 95     |
| 22) Diisopropyl ether         | 3.87 | 45   | 495200   | 48.666  | ug/l  | 94     |
| 23) Vinyl Acetate             | 3.82 | 43   | 2172046  | 243.299 | ug/l  | 98     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 265128   | 47.942  | ug/l  | 99     |
| 25) 2-Butanone                | 4.70 | 43   | 613050   | 241.753 | ug/l  | 94     |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 174228   | 39.468  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 161258   | 44.098  | ug/l  | 94     |
| 28) Bromochloromethane        | 5.02 | 49   | 125452   | 46.598  | ug/l  | 87     |
| 29) Tetrahydrofuran           | 5.15 | 42   | 407598   | 243.842 | ug/l  | 94     |
| 30) Chloroform                | 5.21 | 83   | 253627   | 42.815  | ug/l  | 100    |
| 31) Cyclohexane               | 5.57 | 56   | 233010   | 44.793  | ug/l  | 95     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 216357   | 44.163  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 189621   | 46.689  | ug/l  | 97     |
| 37) Ethyl Acetate             | 4.85 | 43   | 230522   | 51.096  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 190277   | 46.640  | ug/l  | 96     |

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 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 3/5/2019 9:35:01 AM

Quant Time: Mar 04 22:55:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 26 01:53:13 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 224841   | 43.803  | ug/l   | 94       |
| 40) Benzene                    | 6.14  | 78   | 584834   | 46.648  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.06  | 41   | 131805   | 54.712  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 193824   | 45.997  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 361703   | 52.093  | ug/l   | 98       |
| 44) Trichloroethene            | 7.21  | 130  | 158224   | 45.877  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 158816   | 48.902  | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 99336    | 43.844  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 197365   | 50.267  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 187752   | 51.585  | ug/l   | 91       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 76784    | 976.769 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1153448  | 248.171 | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 354931   | 44.895  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 215443   | 44.466  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 236746   | 49.687  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 149645   | 45.392  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 235056   | 50.138  | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 249001   | 47.183  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 609572   | 235.783 | ug/l   | 97       |
| 59) 2-Hexanone                 | 9.49  | 43   | 874616   | 239.690 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 165939   | 52.310  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 157632   | 46.053  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 155496   | 48.679  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.14 | 112  | 394253   | 46.327  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 149718   | 50.435  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 667344   | 47.337  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 514328   | 93.780  | ug/l   | 98       |
| 69) o-Xylene                   | 10.69 | 106  | 251593   | 47.692  | ug/l   | 97       |
| 70) Styrene                    | 10.71 | 104  | 415130   | 47.875  | ug/l   | 100      |
| 71) Bromoform                  | 10.85 | 173  | 135023   | 60.656  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 668935   | 45.741  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 315695   | 49.709  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 229332   | 45.339  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 216808m  | 49.708  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 177616   | 48.421  | ug/l   | 94       |
| 78) n-propylbenzene            | 11.36 | 91   | 743987   | 45.019  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 442888   | 44.509  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 548650   | 45.609  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 70628    | 43.791  | ug/l   | 89       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 511314   | 43.925  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 558330   | 48.340  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 567360   | 46.108  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 662077   | 45.744  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 593411   | 46.817  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 314827   | 46.271  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 317501   | 45.563  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 497784   | 44.036  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 104939   | 49.136  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 319725   | 46.964  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 50555    | 45.871  | ug/l   | 99       |

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Acq On : 04 Mar 2019 21:41  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

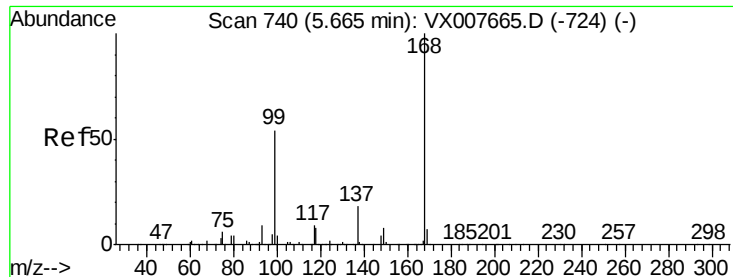
MMDadoda  
3/5/2019 9:35:01 AM

Quant Time: Mar 04 22:55:30 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 26 01:53:13 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 228869   | 55.075 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 118544   | 62.357 | ug/l  | 100      |
| 95) Naphthalene            | 13.83 | 128  | 692407   | 51.428 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 228408   | 54.739 | ug/l  | 99       |

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





#1

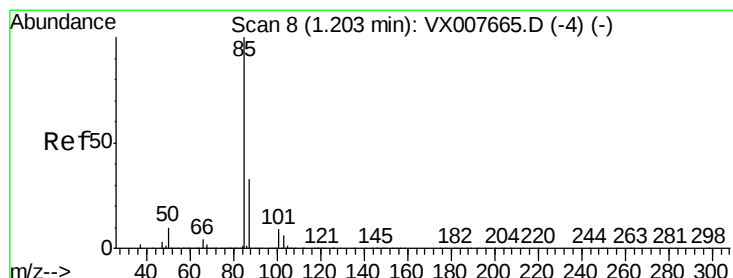
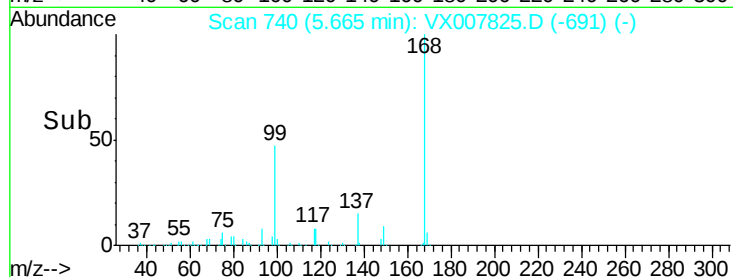
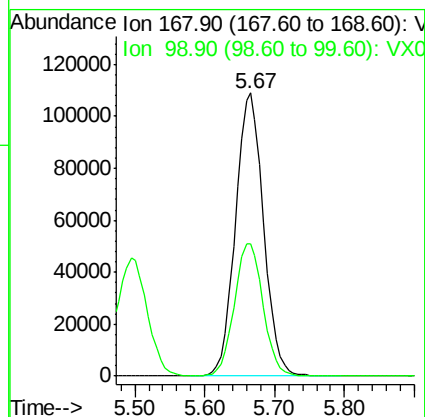
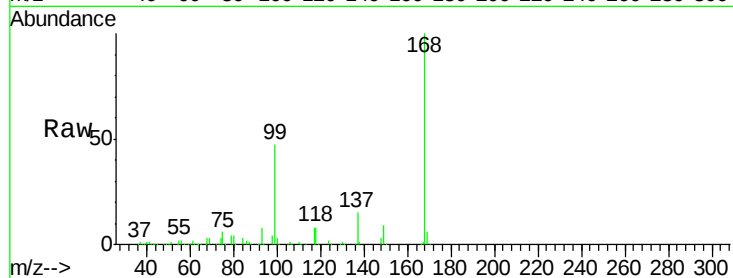
Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.67 min Scan# 740  
 Delta R.T. 0.00 min  
 Lab File: VX007825.D  
 Acq: 04 Mar 2019 21:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 46.8  | 37.9  | 56.9  |

Manual Integrations  
 APPROVED

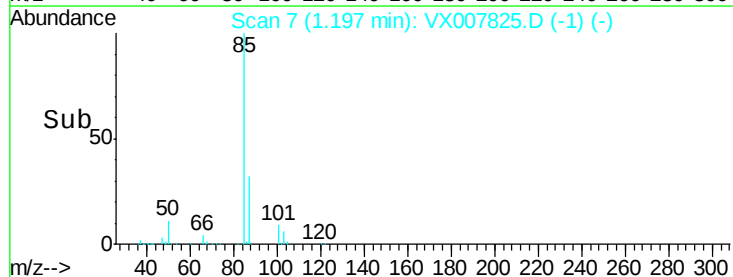
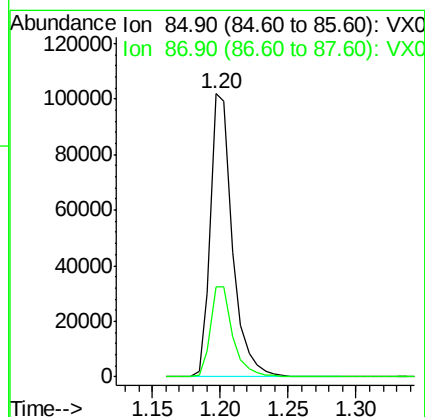
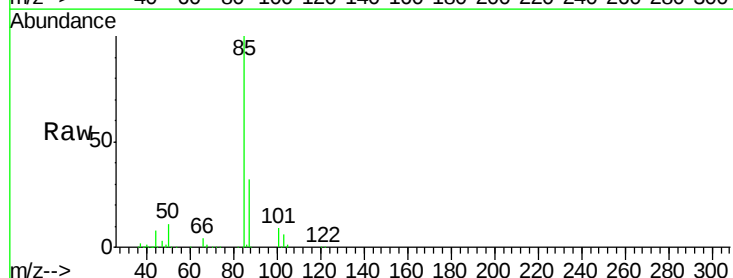
MMDadoda  
 3/5/2019 9:35:01 AM



#2

Dichlorodifluoromethane  
 Concen: 41.192 ug/l  
 RT: 1.20 min Scan# 7  
 Delta R.T. -0.01 min  
 Lab File: VX007825.D  
 Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 32.0  | 15.8  | 47.4  |





#3

Chloromethane

Concen: 46.003 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Tot Ion: 50 Resp: 141925

Ion Ratio Lower Upper

50 100

52 32.7 26.1 39.1

Instrument :

MSVOA\_X

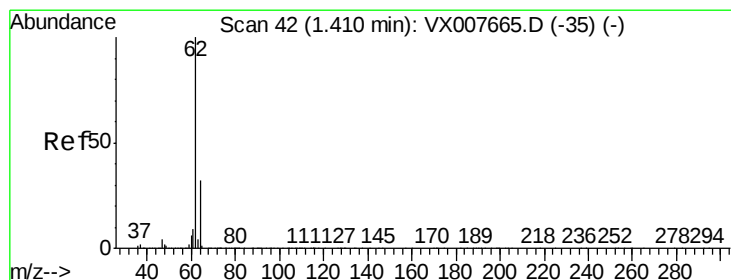
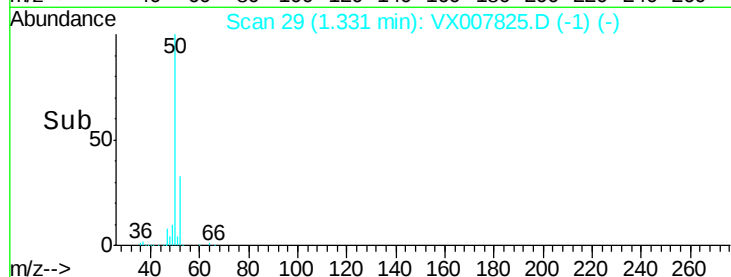
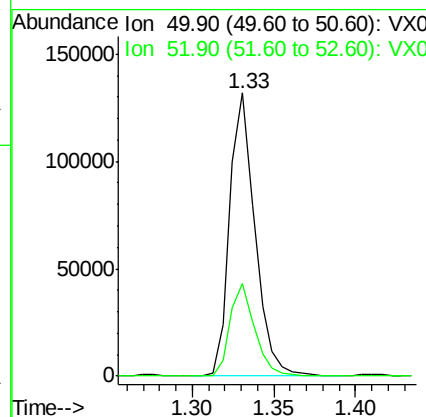
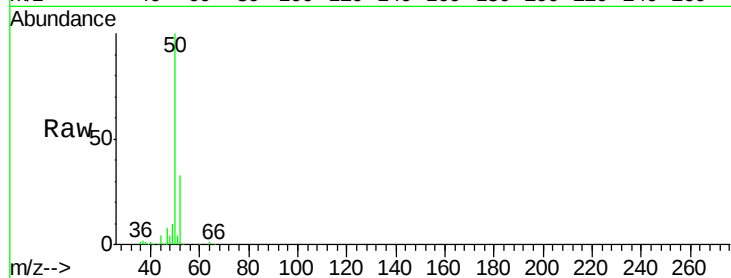
ClientSampleId :

VSTDCCC050EC

Manual Integrations  
APPROVED

MMDadoda

3/5/2019 9:35:01 AM



#4

Vinyl Chloride

Concen: 46.756 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007825.D

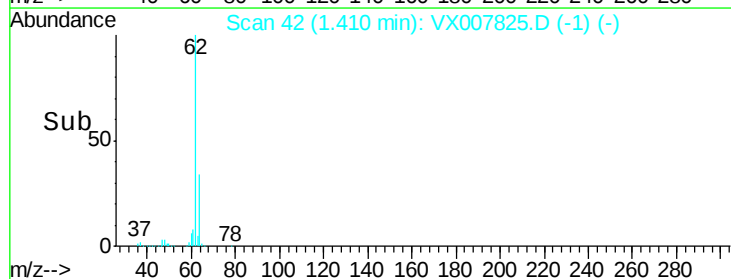
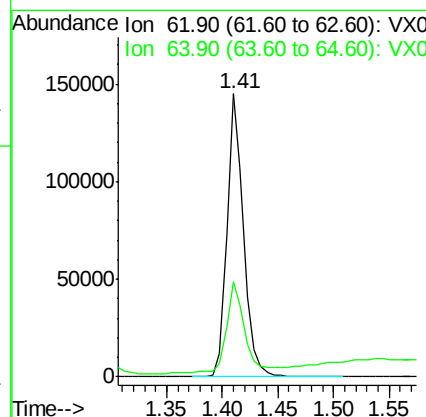
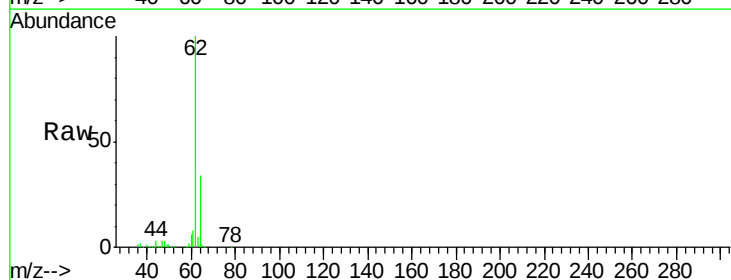
Acq: 04 Mar 2019 21:41

Tgt Ion: 62 Resp: 147991

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 38.832 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 78111

Ion Ratio Lower Upper

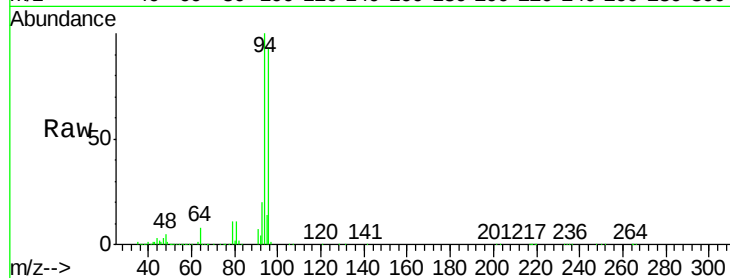
94 100

96 93.3 73.9 110.9

Manual Integrations  
APPROVED

MMDadoda

3/5/2019 9:35:01 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

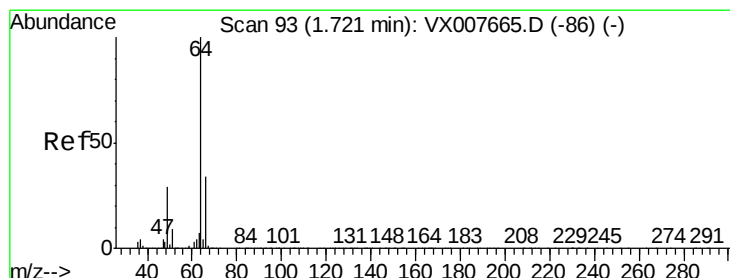
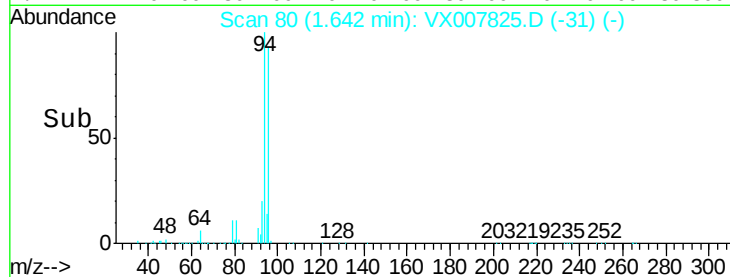
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 58.577 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007825.D

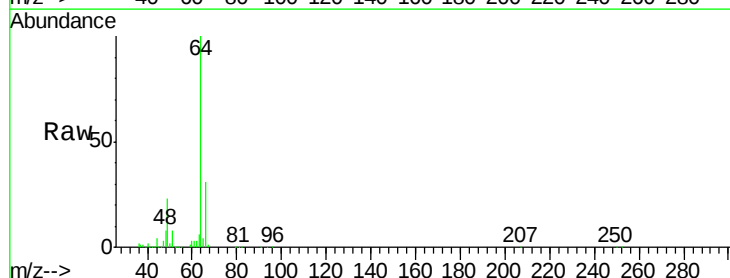
Acq: 04 Mar 2019 21:41

Tgt Ion: 64 Resp: 118455

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

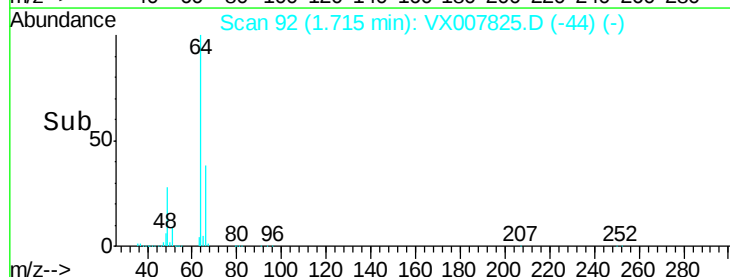
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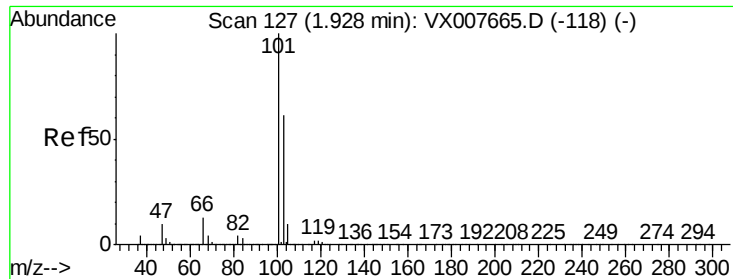
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20000

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Time-->





#7

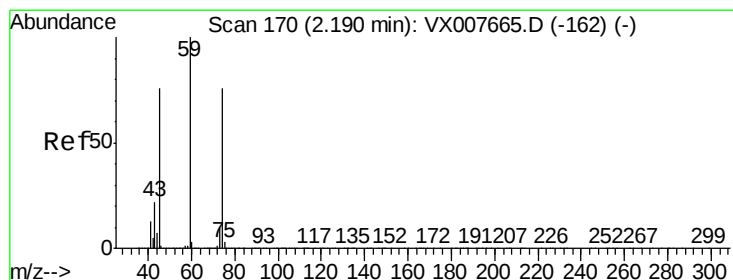
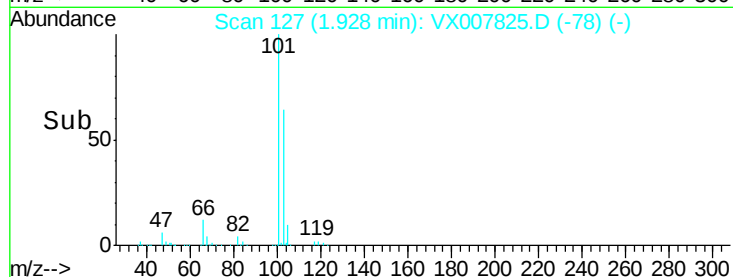
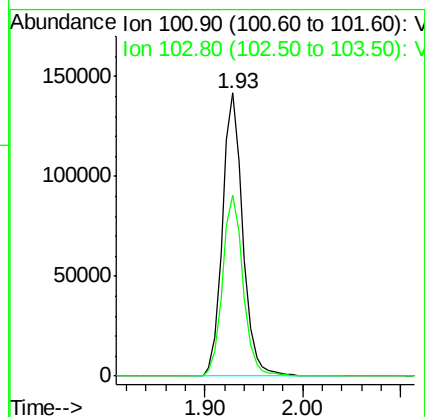
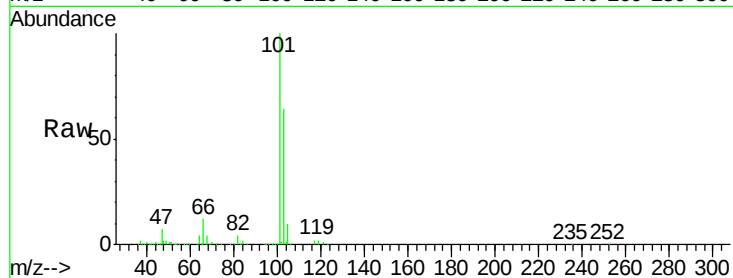
Trichlorofluoromethane  
Concen: 41.988 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.0  | 52.6  | 79.0  |

Manual Integrations  
APPROVED

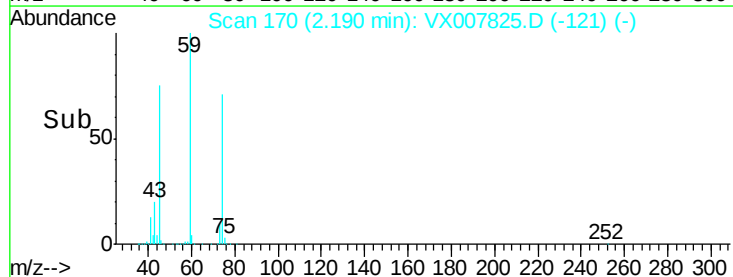
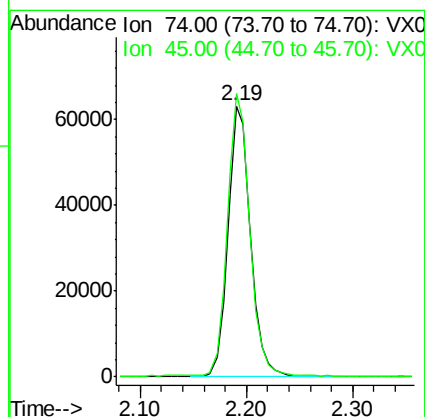
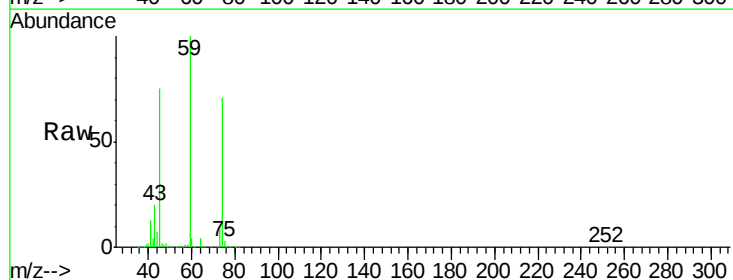
MMDadoda  
3/5/2019 9:35:01 AM

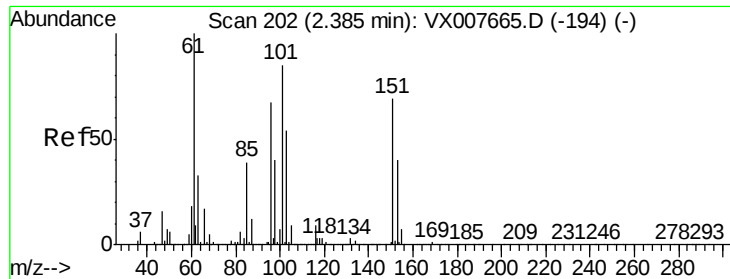


#8

Diethyl Ether  
Concen: 46.654 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 103.7 | 45.7  | 137.1 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.548 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

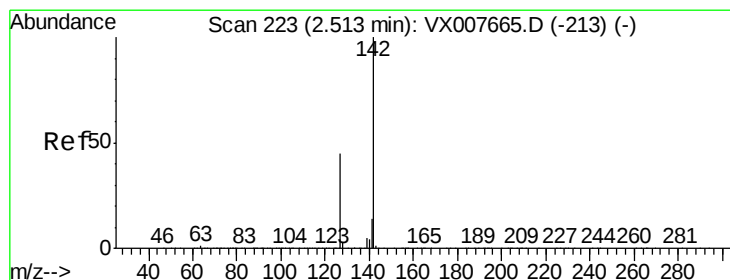
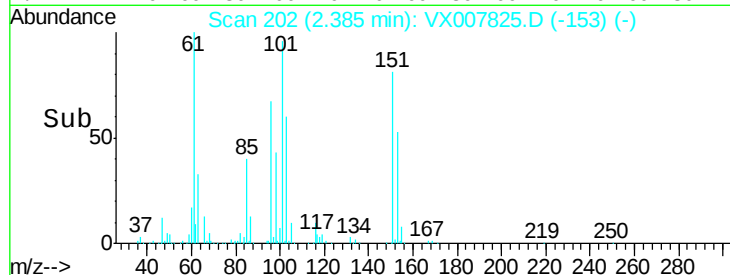
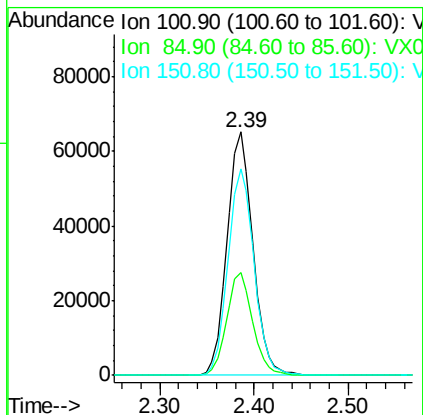
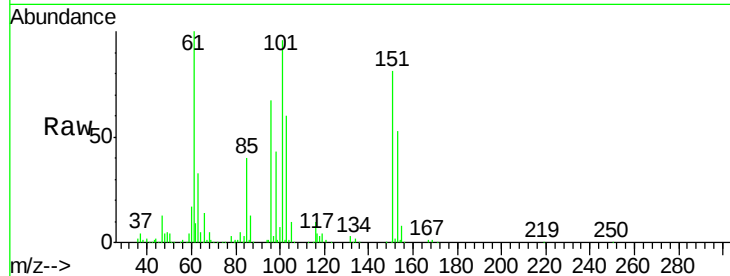
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 124783 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.2  | 34.1  | 51.1   |
| 151       | 85.4  | 69.9  | 104.9  |

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#10

Methyl Iodide

Concen: 51.019 ug/l

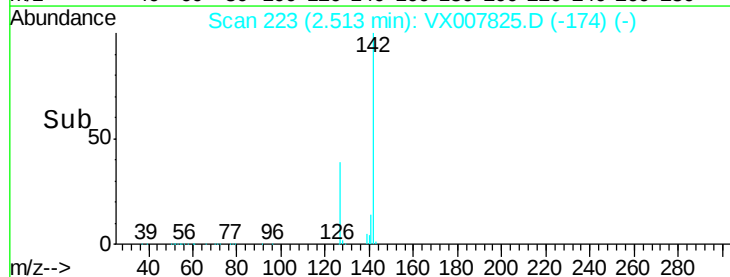
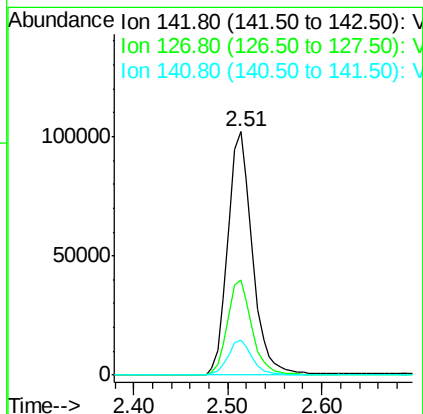
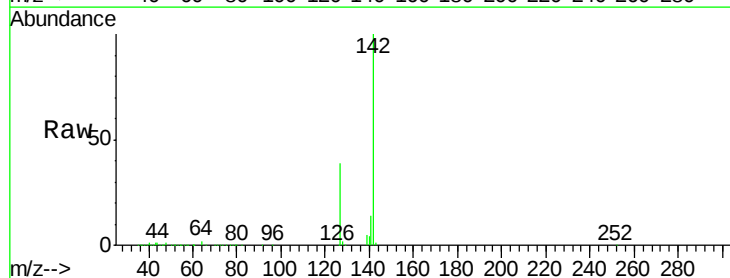
RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 186310 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 39.1  | 33.7  | 50.5   |
| 141       | 14.3  | 11.3  | 16.9   |





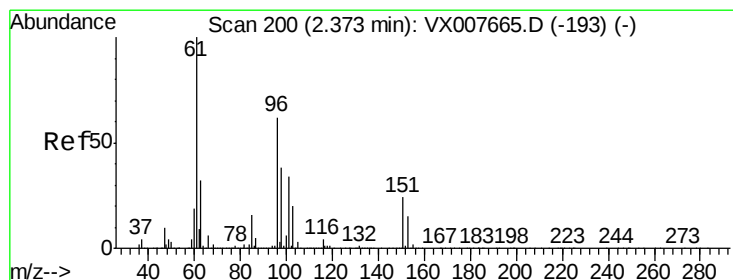
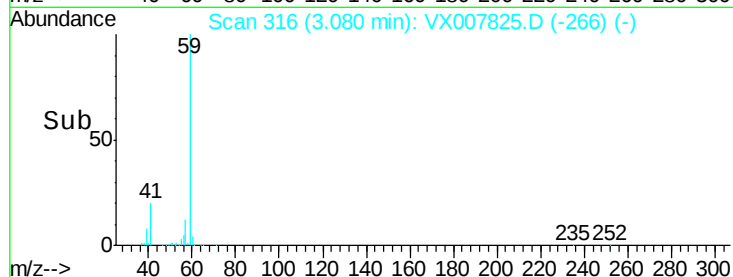
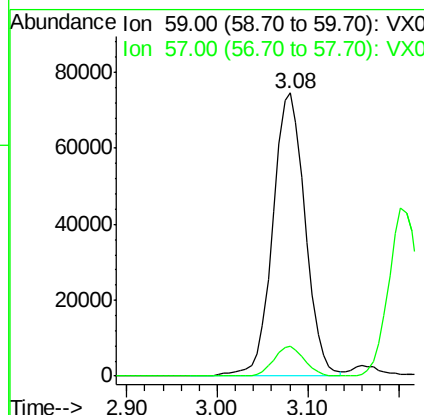
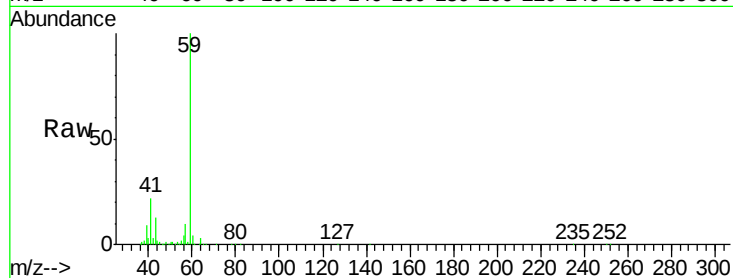
#11  
Tert butyl alcohol  
Concen: 259.143 ug/l  
RT: 3.08 min Scan# 316  
Delta R.T. 0.01 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.2  | 8.1   | 12.1  |

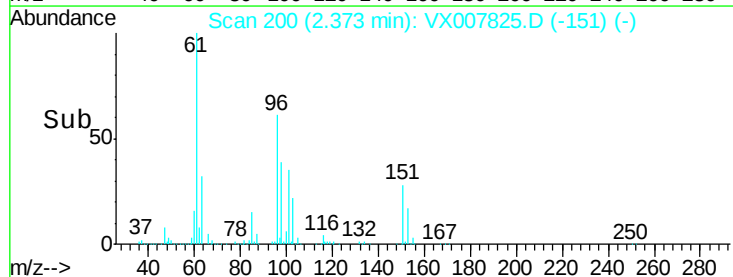
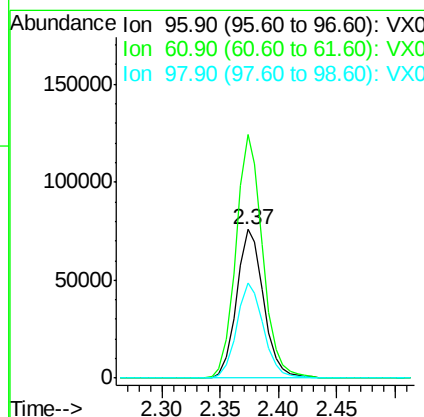
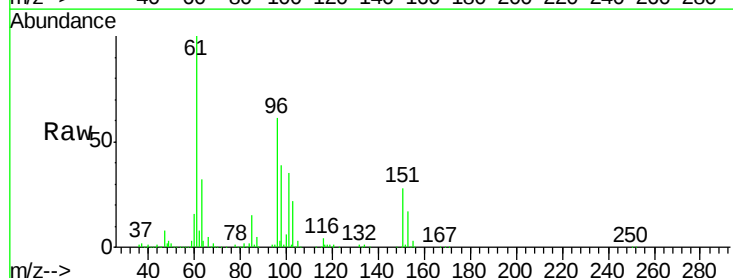
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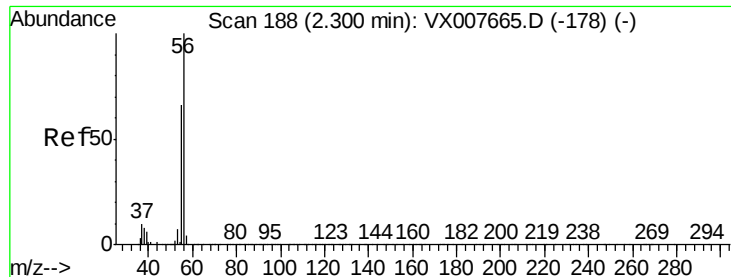
MMDadoda  
3/5/2019 9:35:01 AM



#12  
1,1-Dichloroethene  
Concen: 46.604 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 164.0 | 123.0 | 184.4 |
| 98      | 64.2  | 50.9  | 76.3  |





#13

Acrolein

Concen: 290.402 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 183291

Ion Ratio Lower Upper

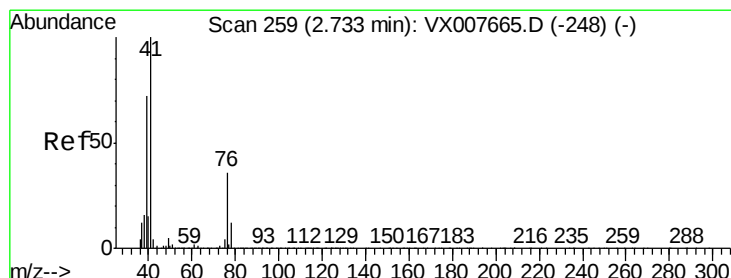
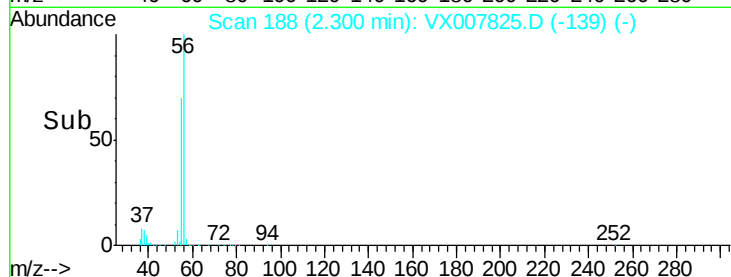
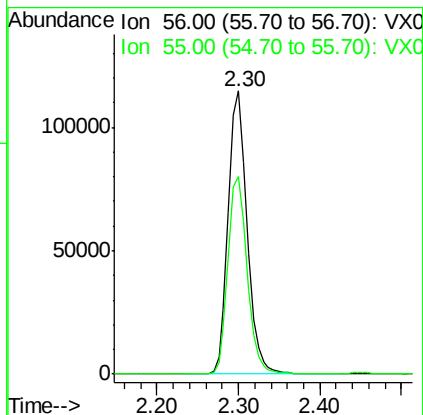
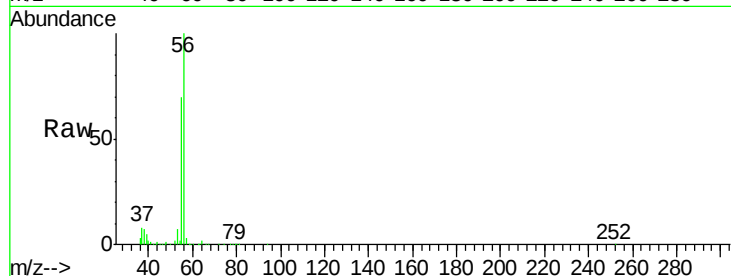
56 100

55 71.1 56.9 85.3

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#14

Allyl chloride

Concen: 54.289 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

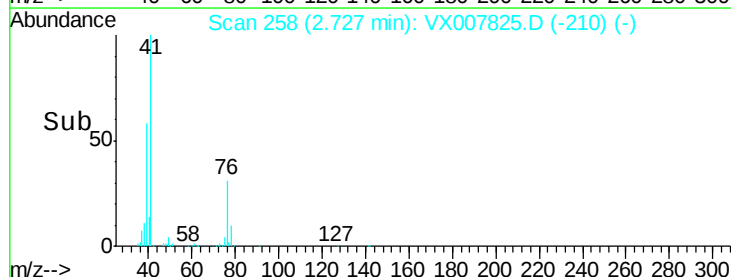
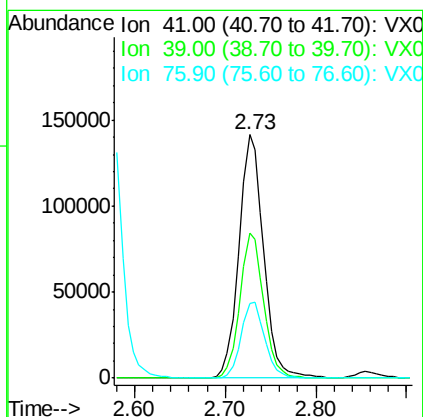
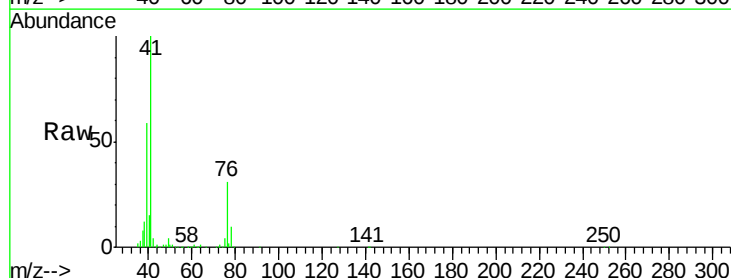
Tgt Ion: 41 Resp: 265368

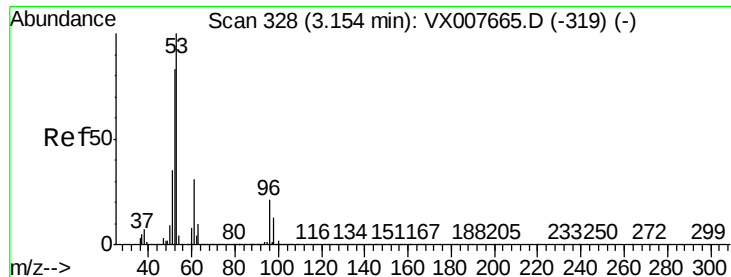
Ion Ratio Lower Upper

41 100

39 57.2 54.1 81.1

76 30.0 27.8 41.8





#15

Acrylonitrile

Concen: 264.816 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

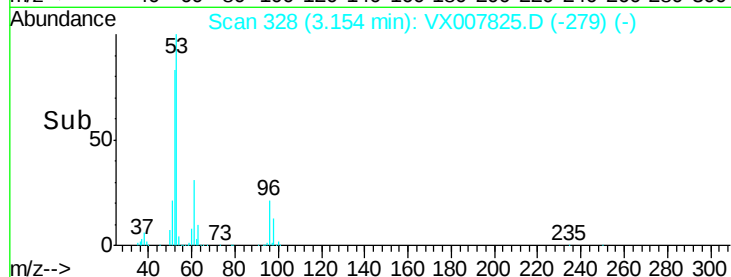
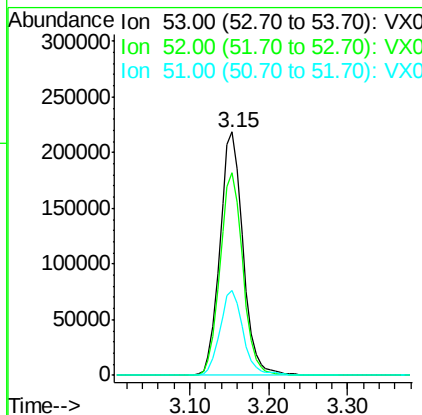
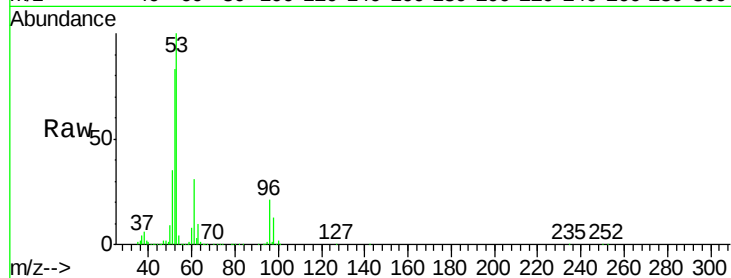
ClientSampleId :

VSTDCCC050EC

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 442641 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 82.6 | 66.4  | 99.6   |
| 51        | 35.1 | 28.4  | 42.6   |

Manual Integrations  
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3/5/2019 9:35:01 AM



#16

Acetone

Concen: 220.320 ug/l

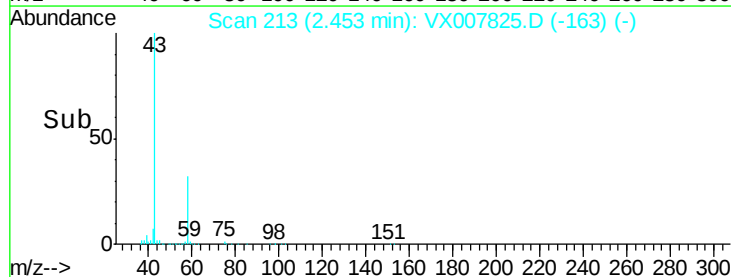
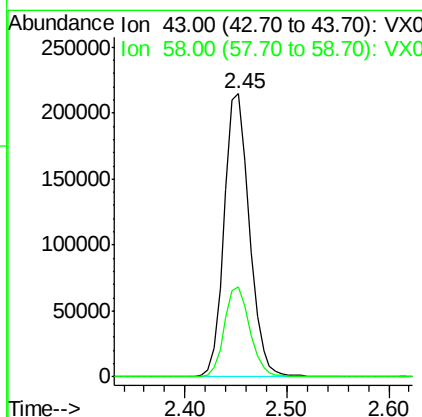
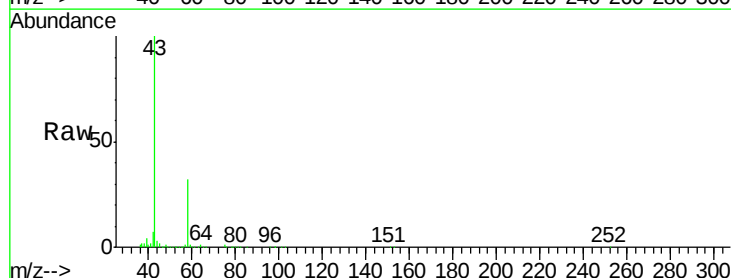
RT: 2.45 min Scan# 213

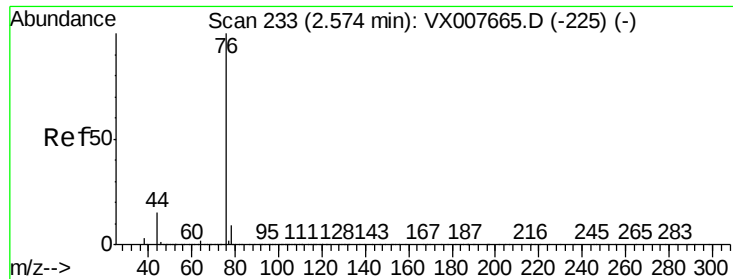
Delta R.T. 0.01 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 366778 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 32.0 | 24.9  | 37.3   |





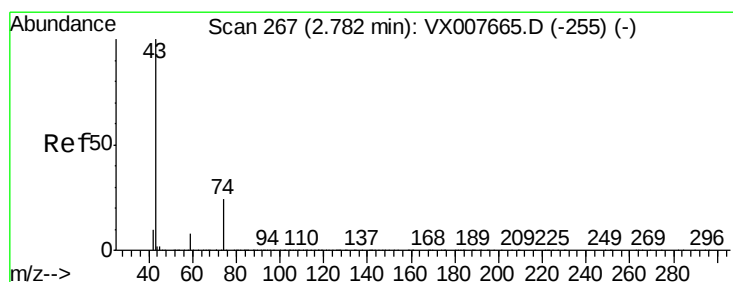
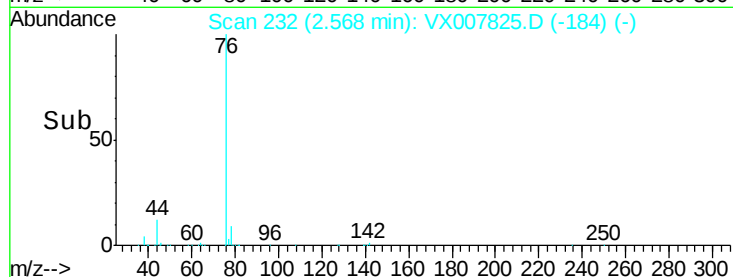
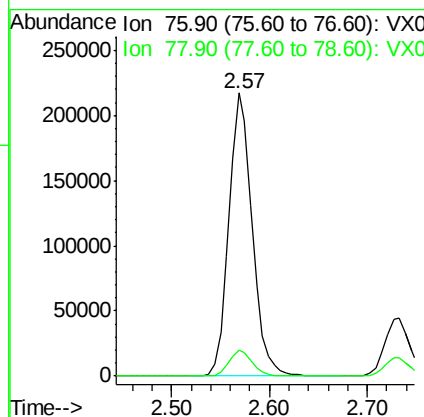
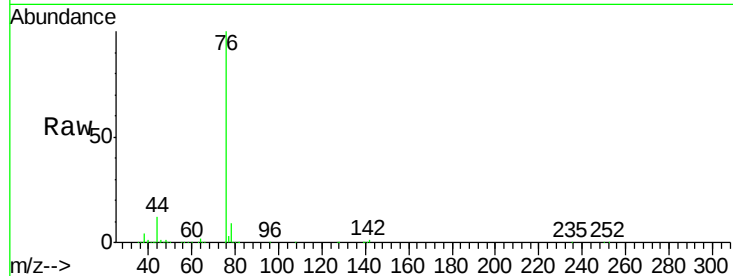
#17  
Carbon Disulfide  
Concen: 48.938 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.01 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.1   | 7.1   | 10.7  |

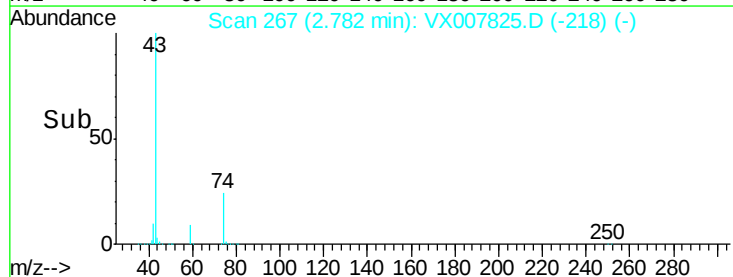
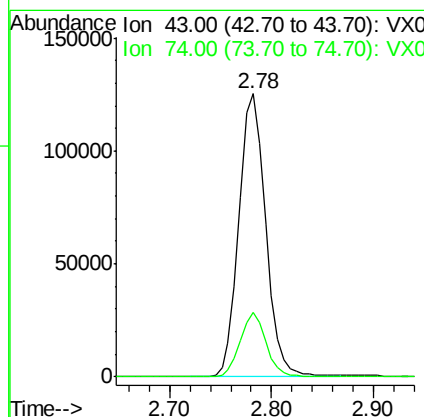
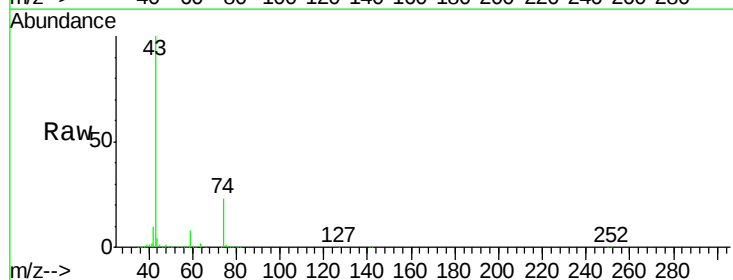
Manual Integrations  
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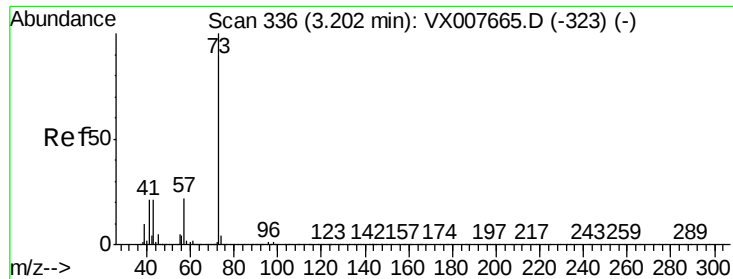
MMDadoda  
3/5/2019 9:35:01 AM



#18  
Methyl Acetate  
Concen: 62.546 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.1  | 19.4  | 29.2  |





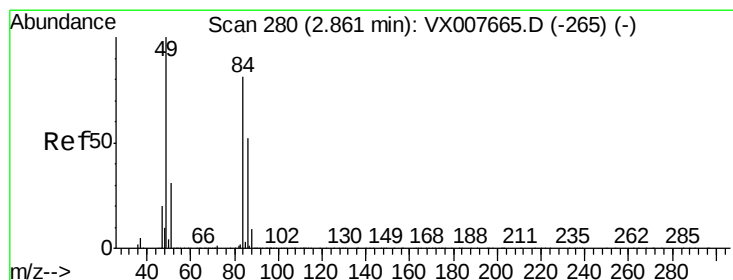
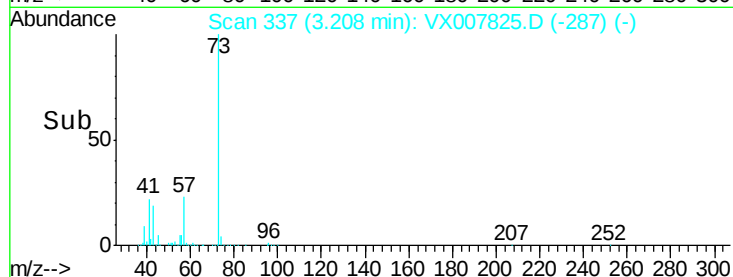
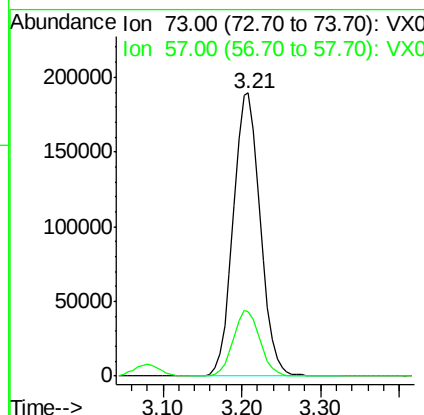
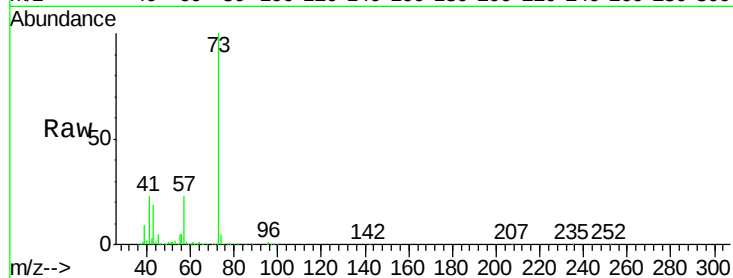
#19  
Methvl tert-butvl Ether  
Concen: 49.053 ug/l  
RT: 3.21 min Scan# 337  
Delta R.T. 0.01 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.7  | 17.8  | 26.8  |

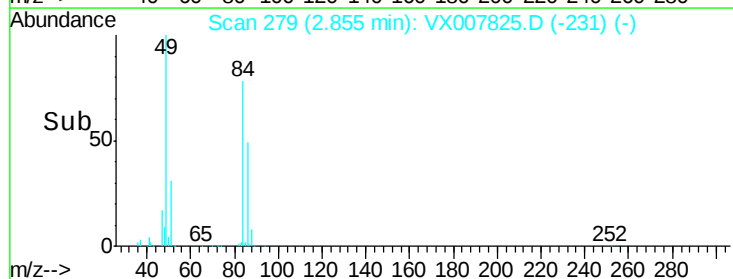
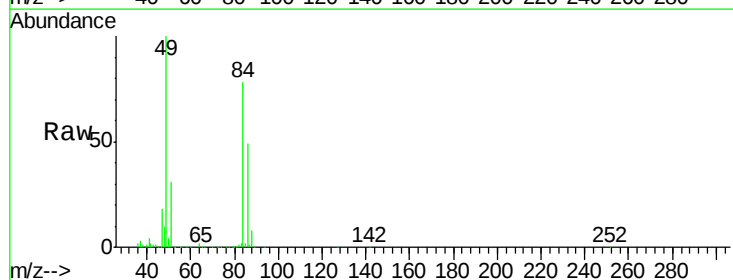
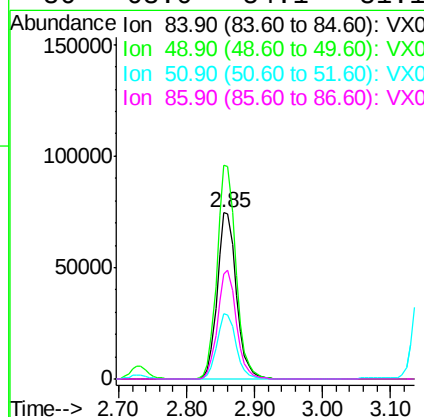
Manual Integrations  
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3/5/2019 9:35:01 AM



#20  
Methylene Chloride  
Concen: 47.246 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.01 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 128.5 | 94.8  | 142.2 |
| 51      | 39.6  | 29.8  | 44.8  |
| 86      | 63.0  | 54.1  | 81.1  |





#21

trans-1,2-Dichloroethene

Concen: 46.203 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

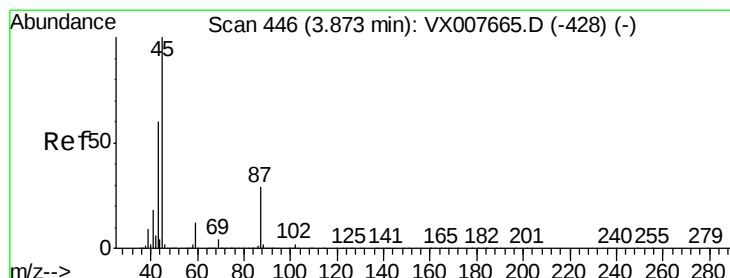
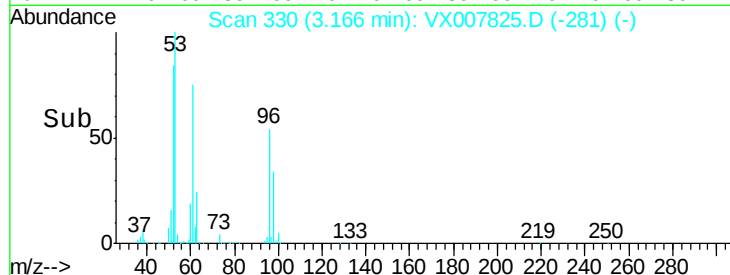
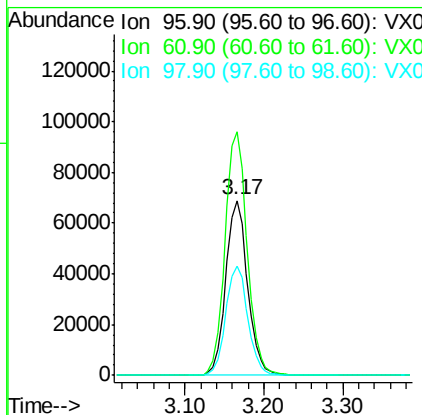
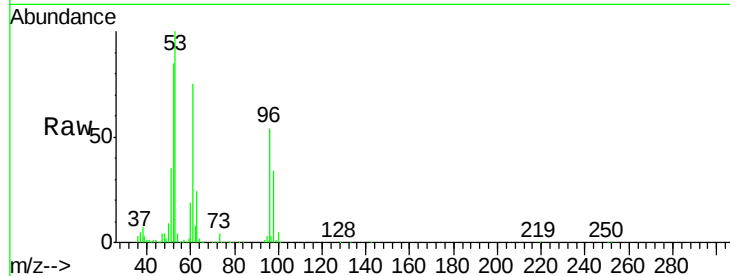
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 132783 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 139.0 | 104.6 | 156.8  |
| 98       | 62.7  | 51.0  | 76.4   |

Manual Integrations  
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3/5/2019 9:35:01 AM



#22

Diisopropyl ether

Concen: 48.666 ug/l

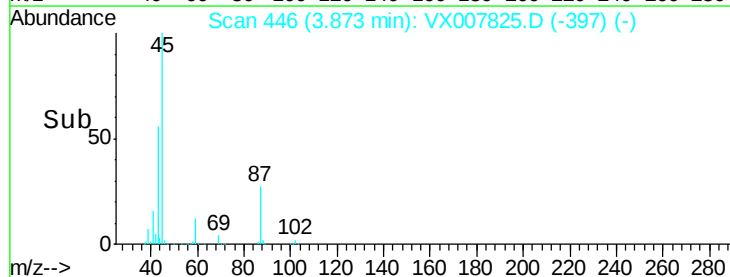
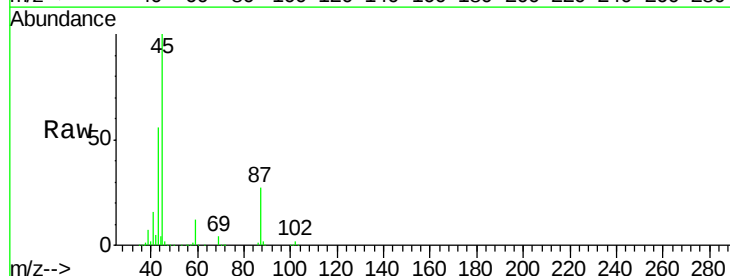
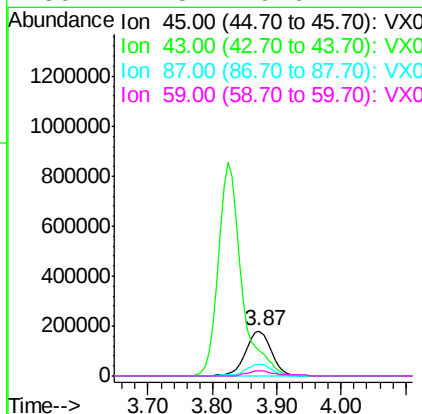
RT: 3.87 min Scan# 446

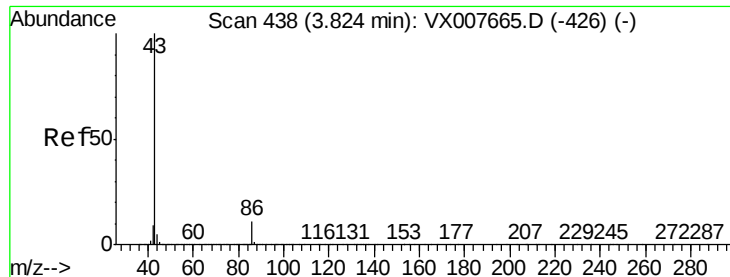
Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 495200 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 56.0  | 48.9  | 73.3   |
| 87       | 26.8  | 23.9  | 35.9   |
| 59       | 11.8  | 9.6   | 14.4   |





#23

Vinyl Acetate

Concen: 243.299 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Tot Ion: 43 Resp: 2172046

Ion Ratio Lower Upper

43 100

86 10.1 8.7 13.1

Instrument :

MSVOA\_X

ClientSampleId :

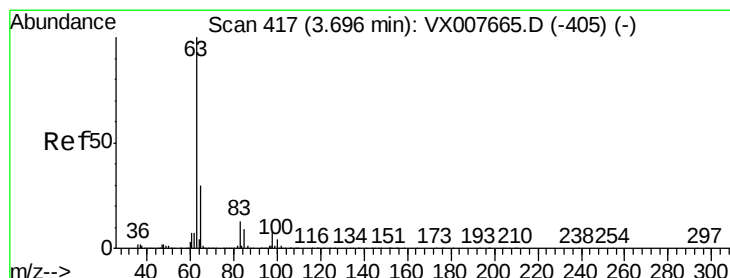
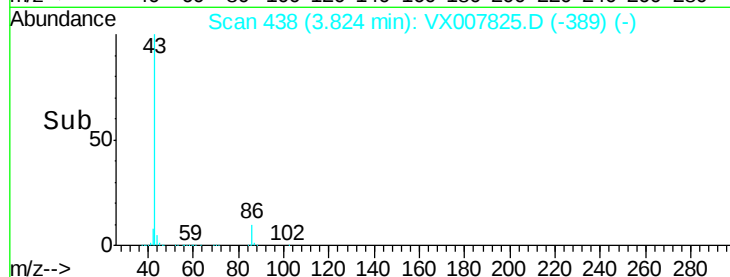
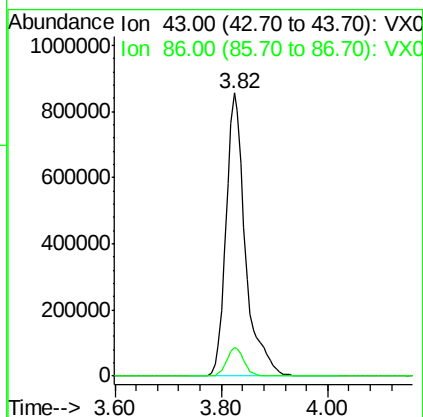
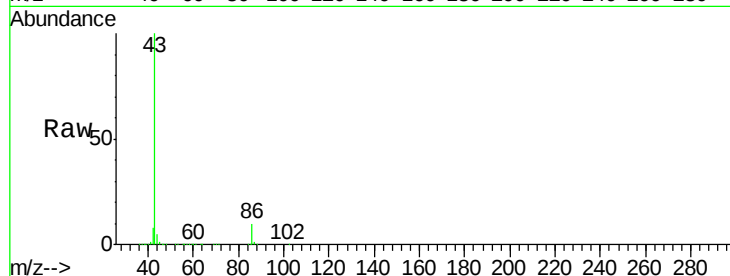
VSTDCCC050EC

Manual Integrations

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MMDadoda

3/5/2019 9:35:01 AM



#24

1,1-Dichloroethane

Concen: 47.942 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

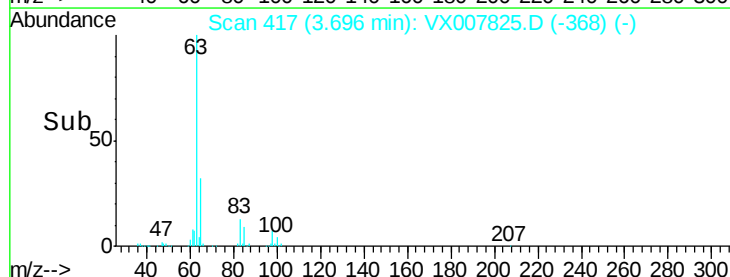
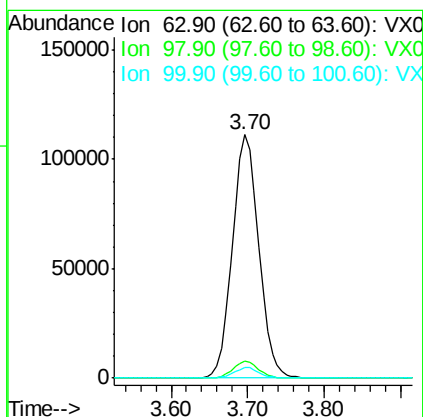
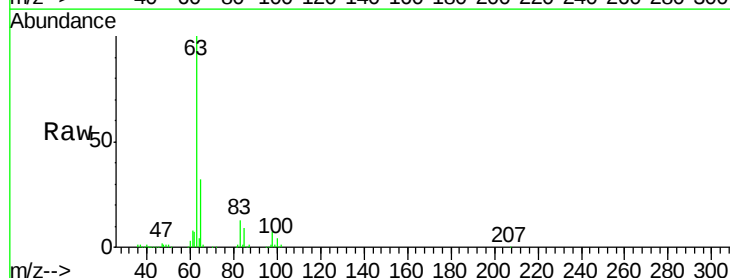
Tgt Ion: 63 Resp: 265128

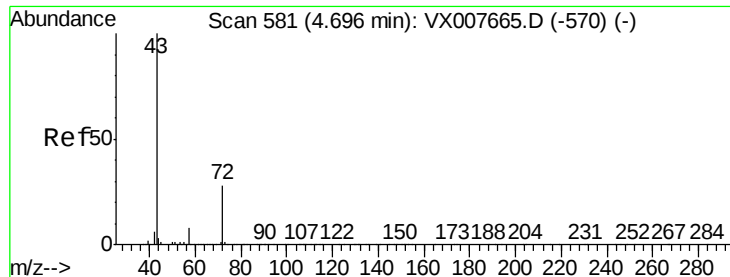
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.5 2.5 7.4





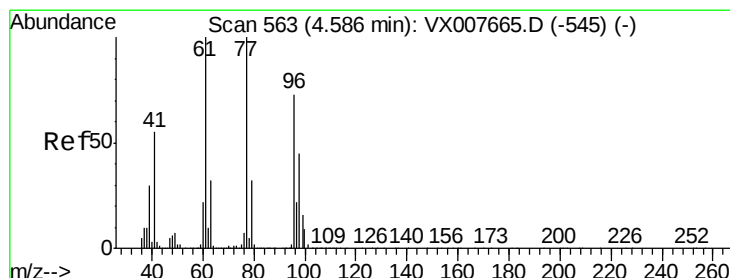
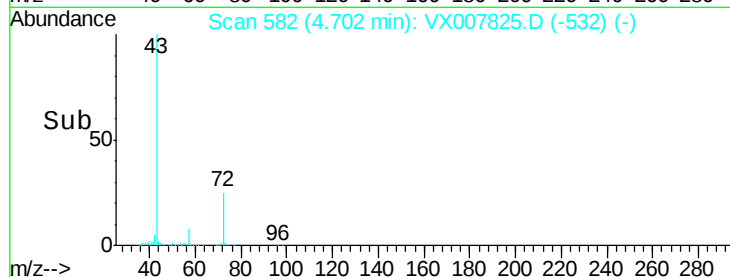
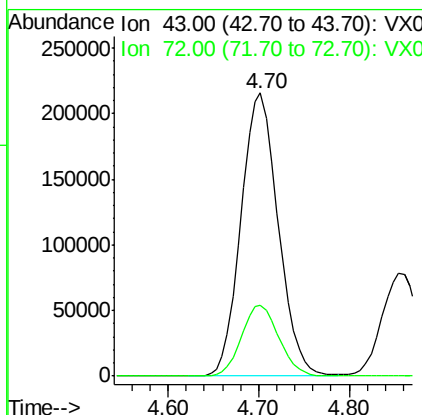
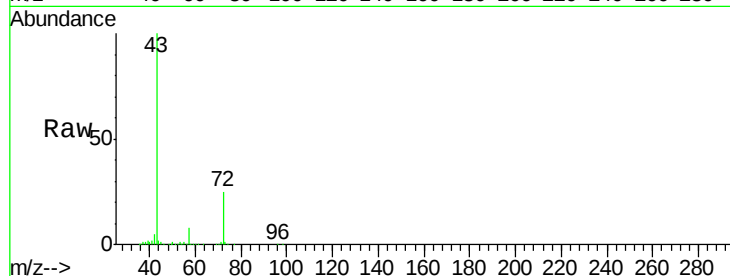
#25  
2-Butanone  
Concen: 241.753 ug/l  
RT: 4.70 min Scan# 582  
Delta R.T. 0.01 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 72      | 24.8  | 22.2  | 33.2  |

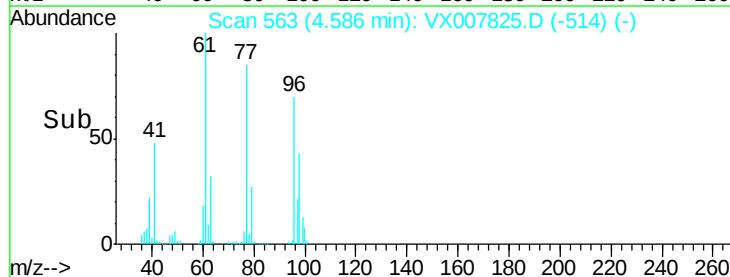
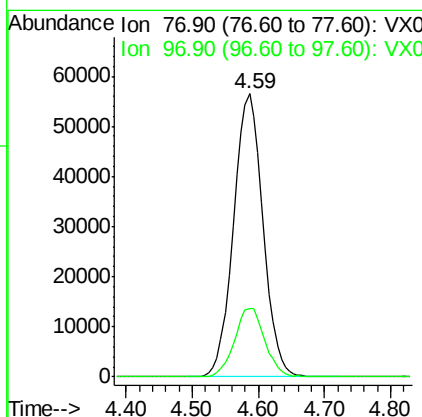
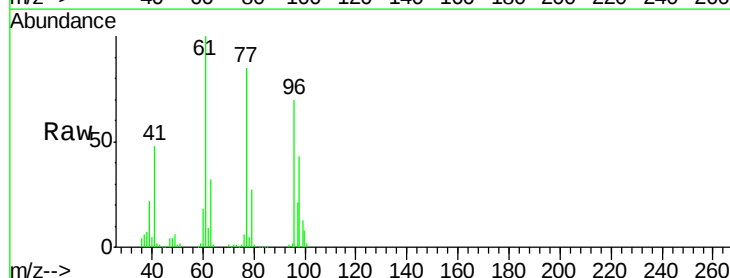
Manual Integrations  
APPROVED

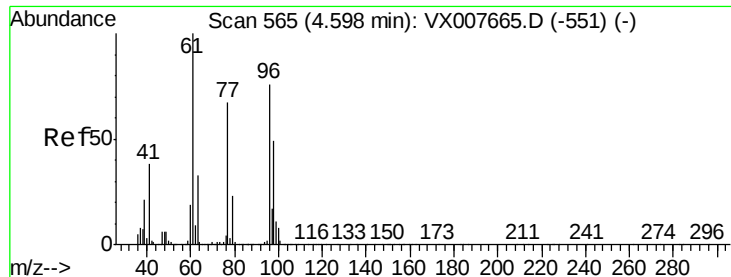
MMDadoda  
3/5/2019 9:35:01 AM



#26  
2,2-Dichloropropane  
Concen: 39.468 ug/l  
RT: 4.59 min Scan# 563  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 97      | 24.9  | 12.1  | 36.3  |





#27

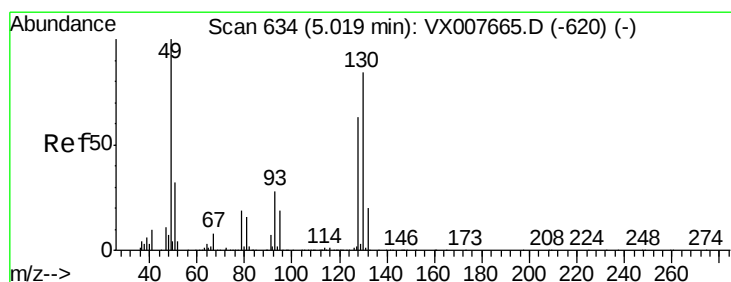
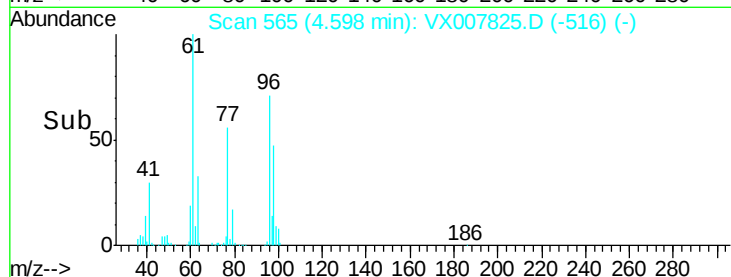
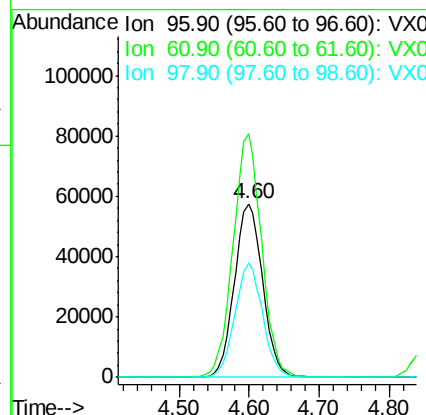
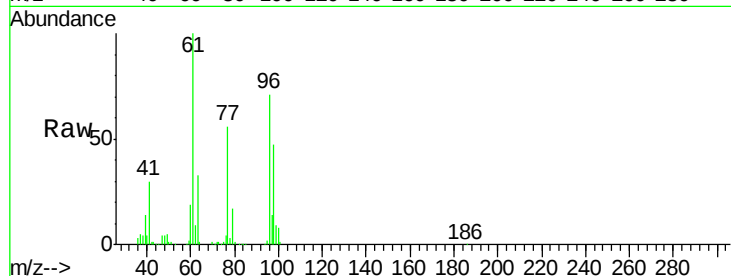
cis-1,2-Dichloroethene  
Concen: 44.098 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 142.3 | 0.0   | 265.6 |
| 98      | 64.7  | 0.0   | 131.6 |

Manual Integrations  
APPROVED

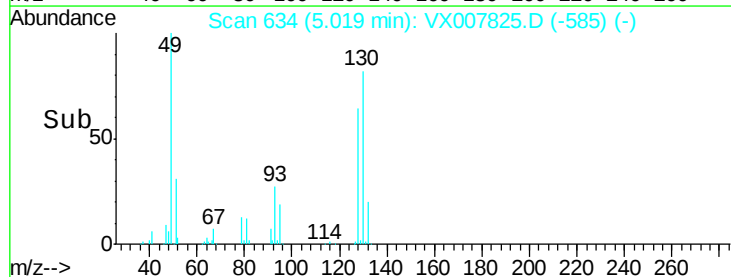
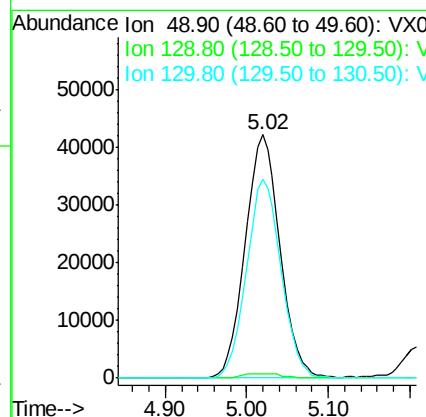
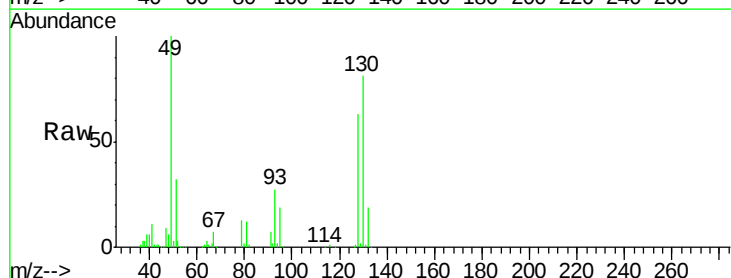
MMDadoda  
3/5/2019 9:35:01 AM

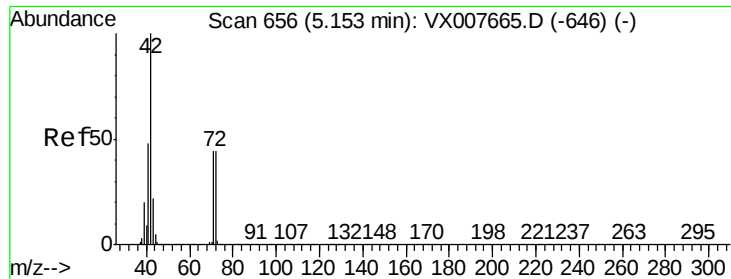


#28

Bromochloromethane  
Concen: 46.598 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.1   | 0.0   | 5.6   |
| 130     | 81.2  | 75.6  | 113.4 |





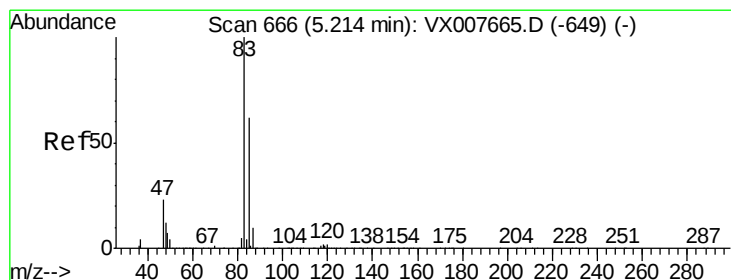
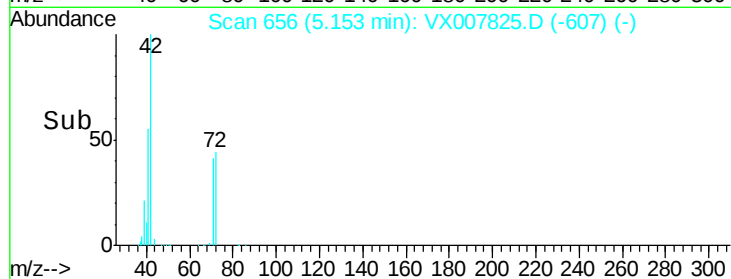
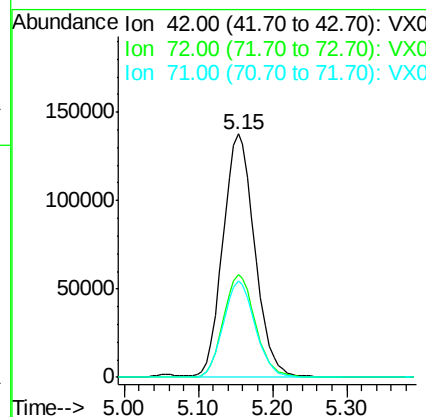
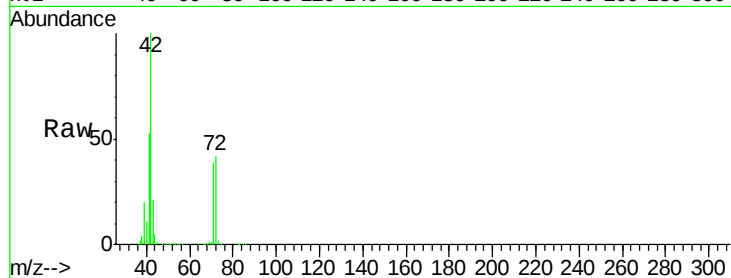
#29  
Tetrahydrofuran  
Concen: 243.842 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.8  | 37.6  | 56.4  |
| 71      | 39.9  | 34.6  | 51.8  |

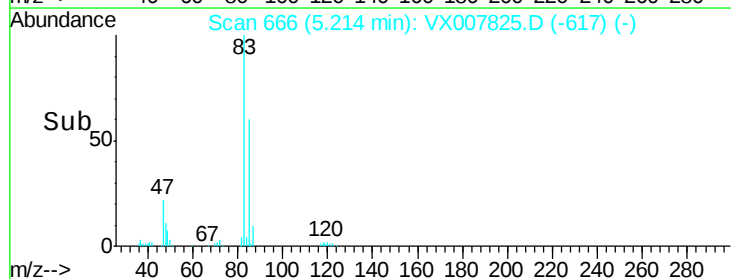
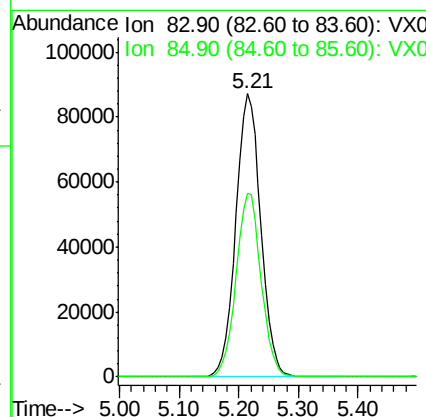
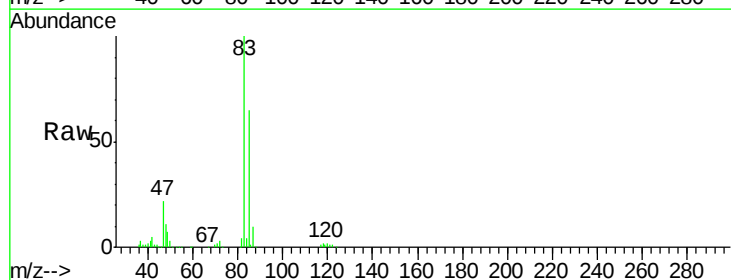
Manual Integrations  
APPROVED

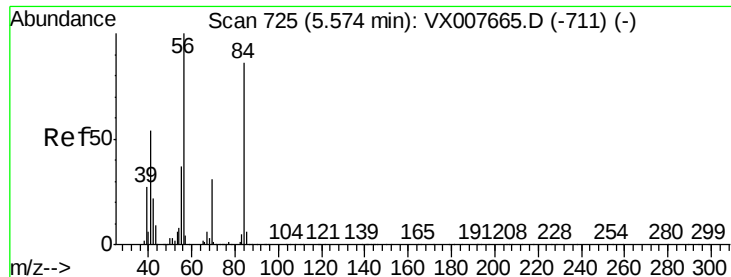
MMDadoda  
3/5/2019 9:35:01 AM



#30  
Chloroform  
Concen: 42.815 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.9  | 51.6  | 77.4  |





#31

Cyclohexane

Concen: 44.793 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

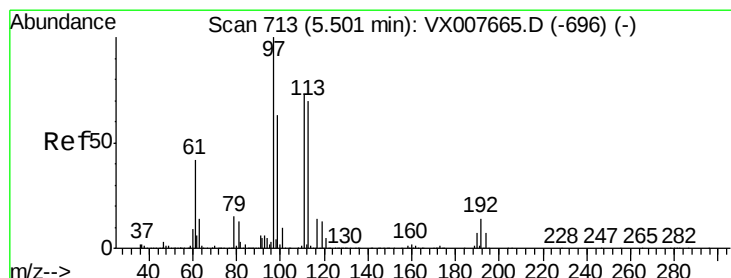
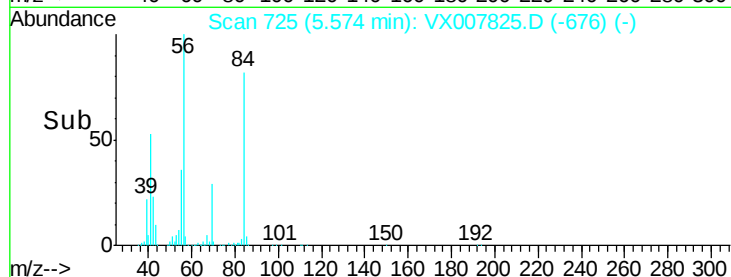
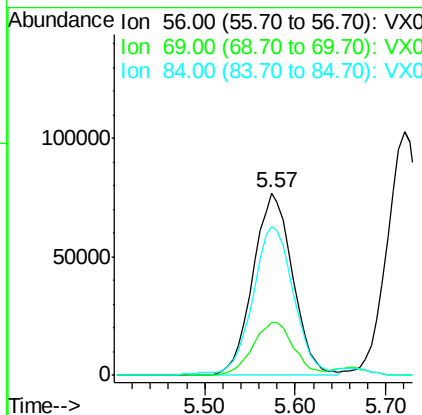
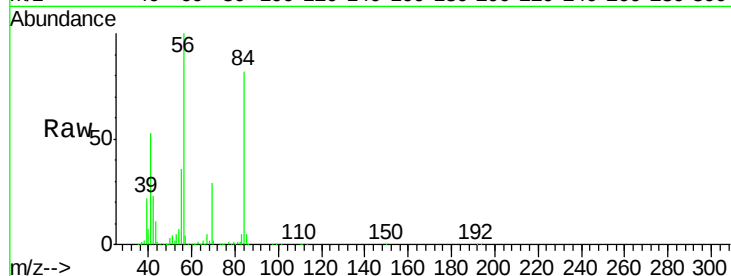
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 56    | Resp: | 233010 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 28.8  | 23.0  | 34.6   |
| 84        | 80.4  | 69.8  | 104.6  |

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3/5/2019 9:35:01 AM



#32

1,1,1-Trichloroethane

Concen: 44.163 ug/l

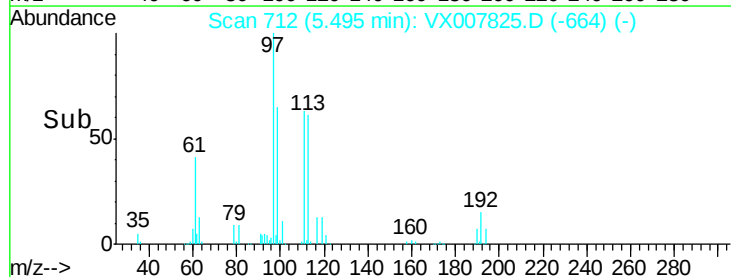
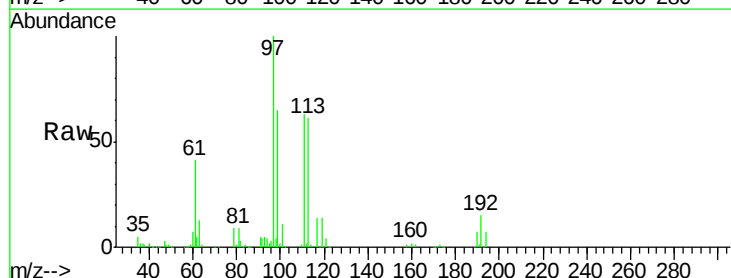
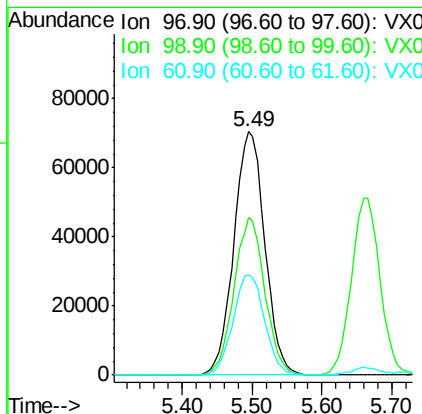
RT: 5.49 min Scan# 712

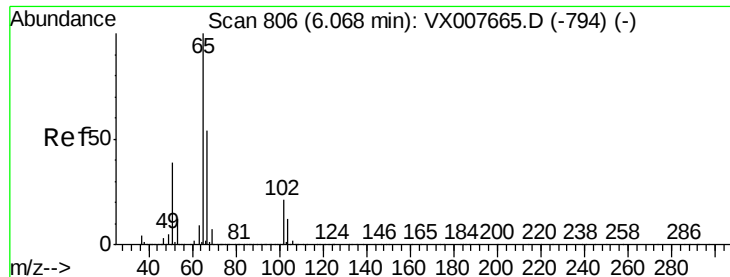
Delta R.T. -0.01 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 216357 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 64.2  | 52.2  | 78.2   |
| 61        | 42.1  | 32.7  | 49.1   |





#33

1,2-Dichloroethane-d4

Concen: 40.640 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 152136

Ion Ratio Lower Upper

65 100

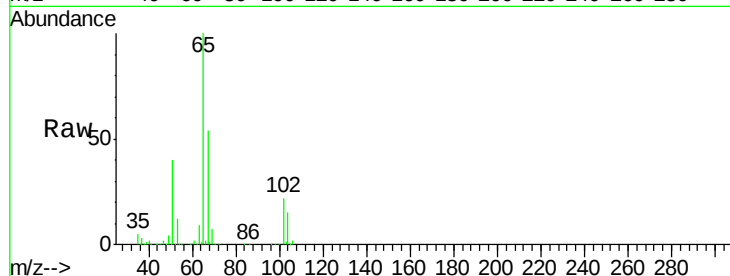
67 55.2 0.0 108.8

Manual Integrations

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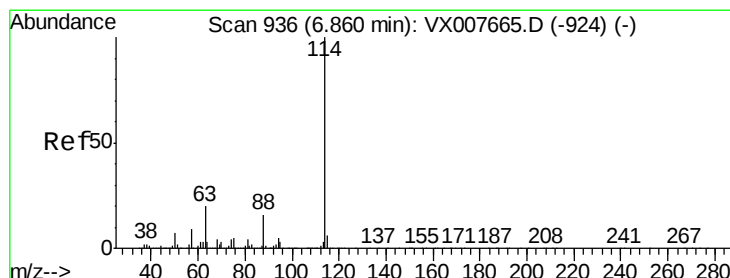
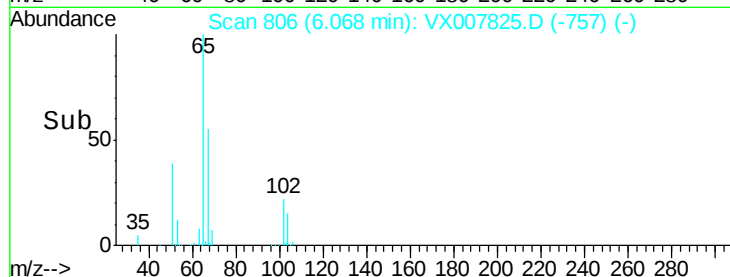
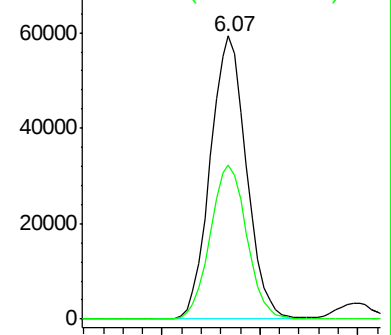
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3/5/2019 9:35:01 AM



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

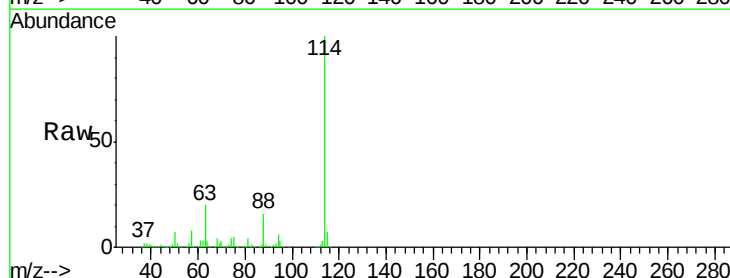
Tgt Ion: 114 Resp: 451746

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.6

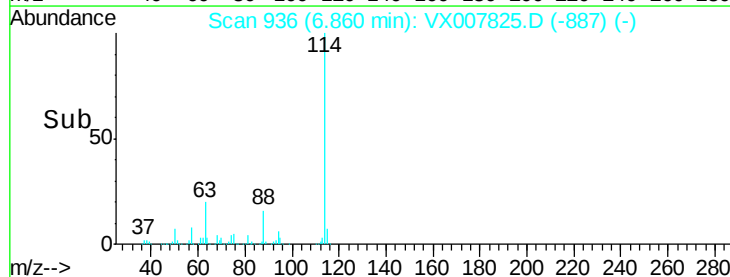
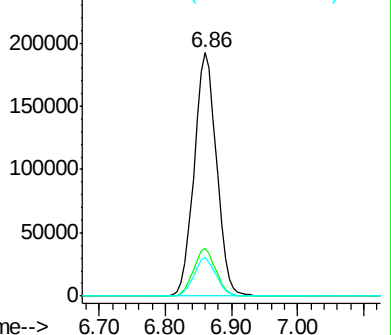
88 15.7 0.0 29.6

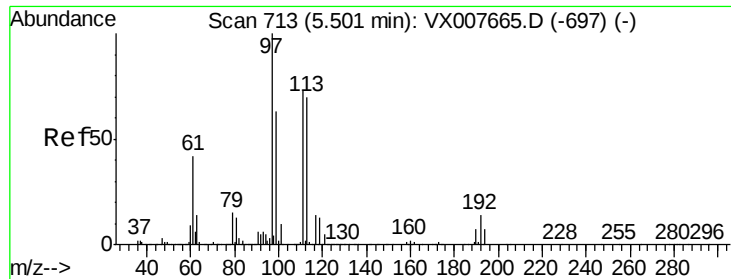


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.992 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

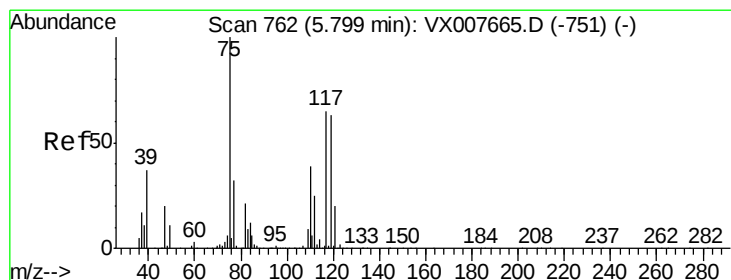
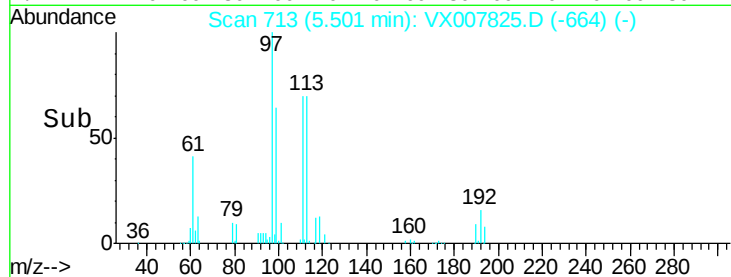
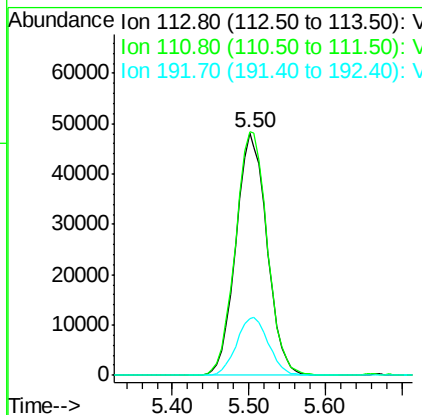
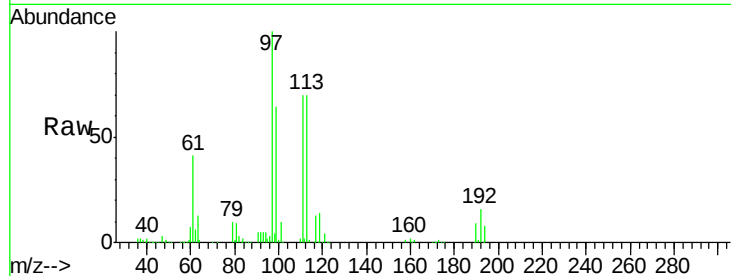
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 135867 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.8 | 81.8  | 122.8  |
| 192       | 24.6  | 18.5  | 27.7   |

Manual Integrations  
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3/5/2019 9:35:01 AM



#36

1,1-Dichloropropene

Concen: 46.689 ug/l

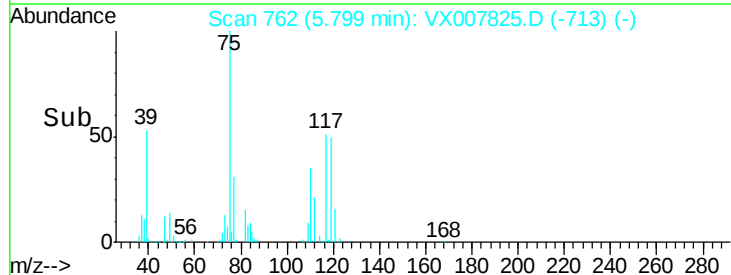
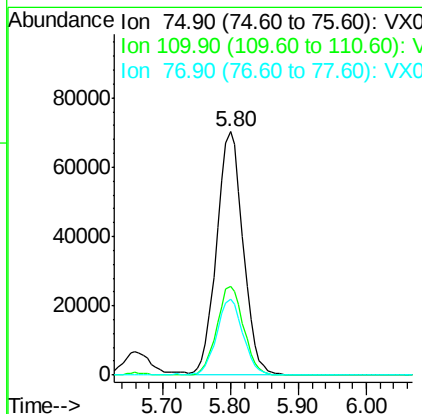
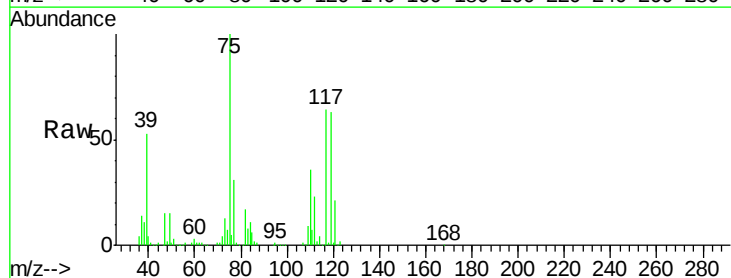
RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 189621 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.8  | 20.0  | 59.9   |
| 77        | 31.0  | 24.7  | 37.1   |





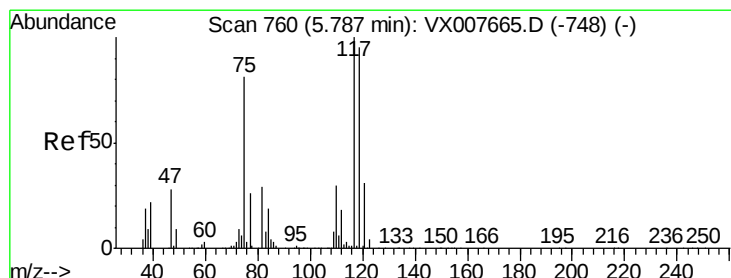
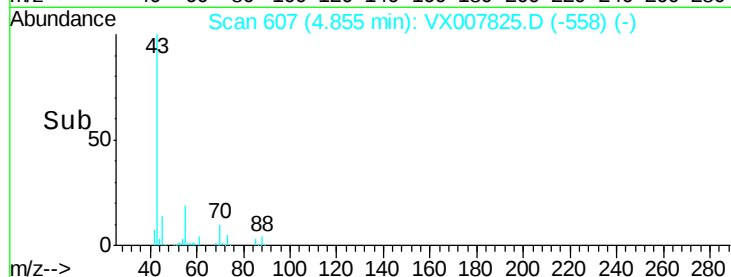
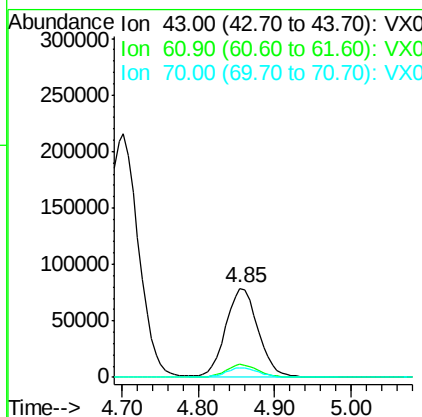
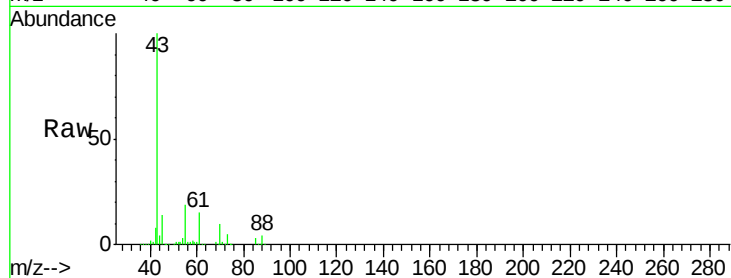
#37  
Ethyl Acetate  
Concen: 51.096 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.3  | 11.3  | 16.9  |
| 70      | 10.8  | 8.6   | 13.0  |

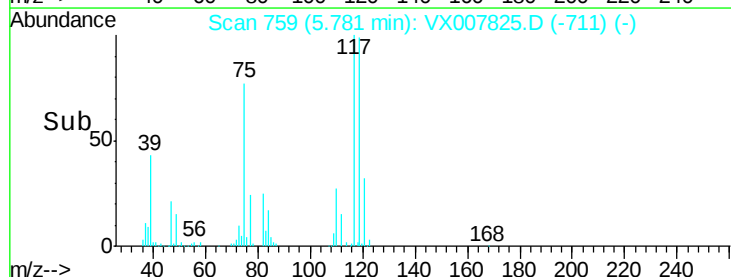
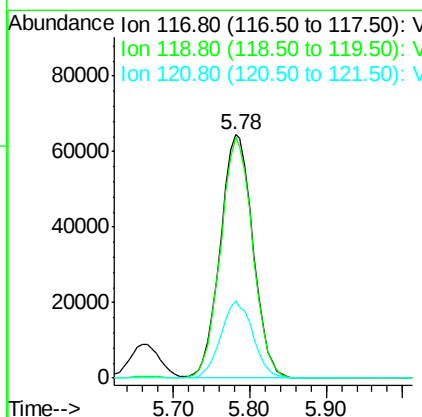
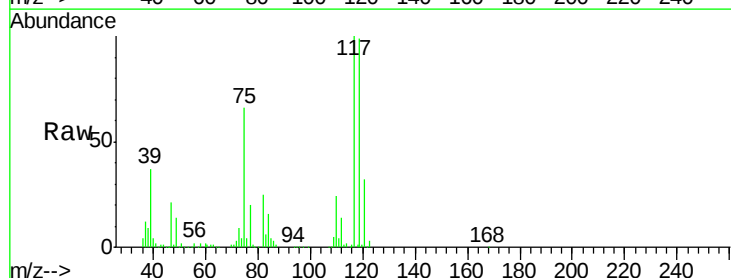
Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 9:35:01 AM



#38  
Carbon Tetrachloride  
Concen: 46.640 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 98.8  | 75.3  | 112.9 |
| 121     | 31.7  | 25.0  | 37.4  |





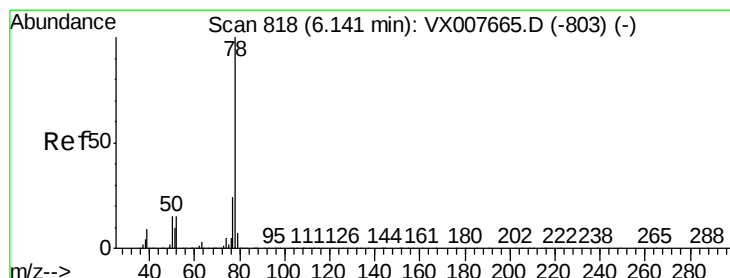
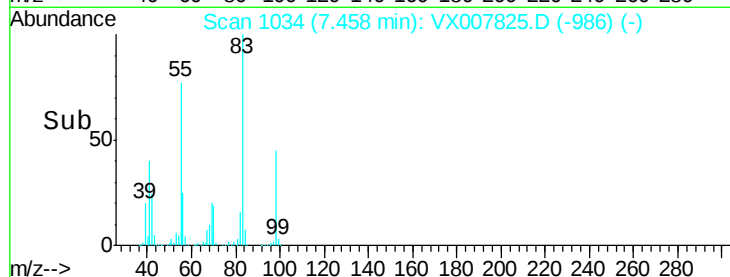
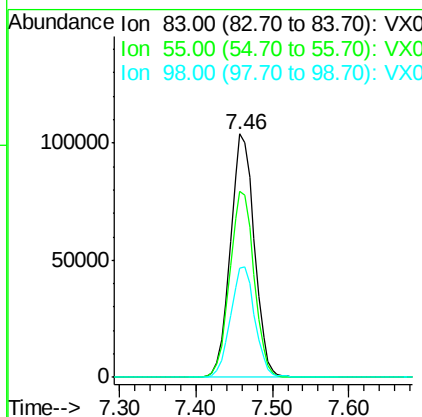
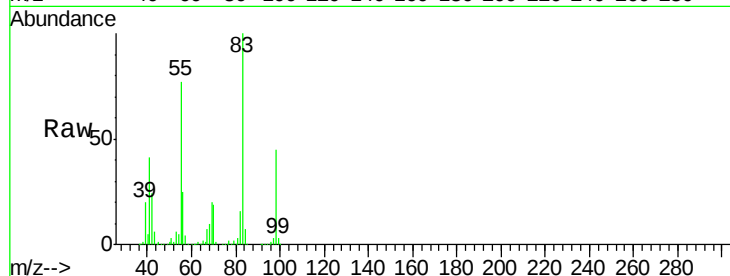
#39  
Methylvlcyclohexane  
Concen: 43.803 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 76.7  | 56.2  | 84.2  |
| 98      | 44.7  | 36.8  | 55.2  |

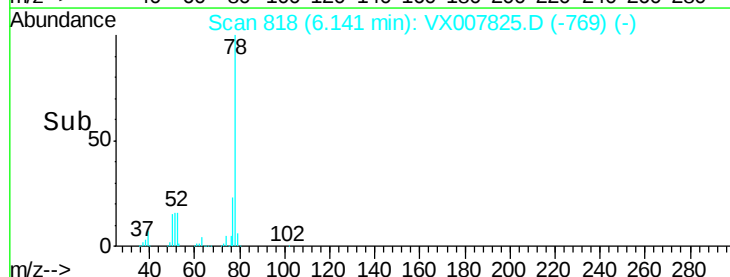
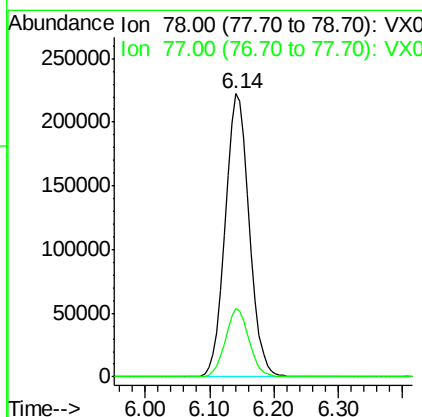
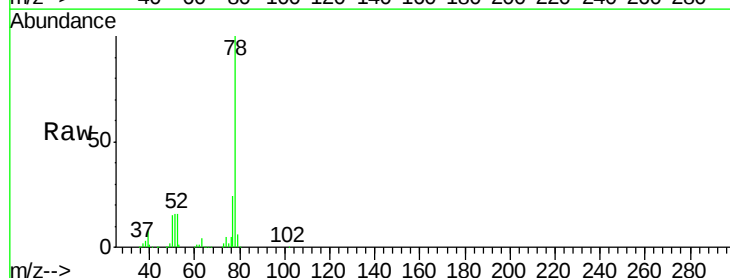
Manual Integrations  
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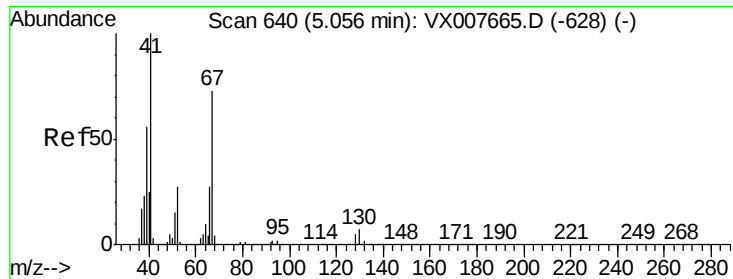
MMDadoda  
3/5/2019 9:35:01 AM



#40  
Benzene  
Concen: 46.648 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.9  | 19.3  | 28.9  |





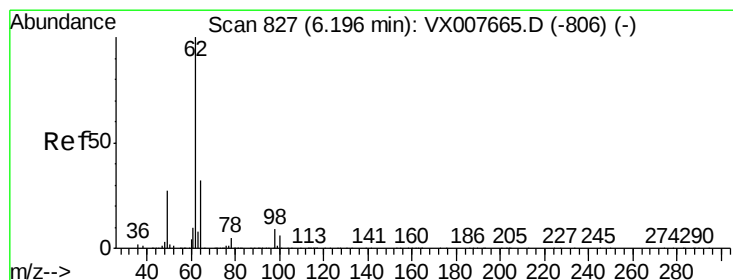
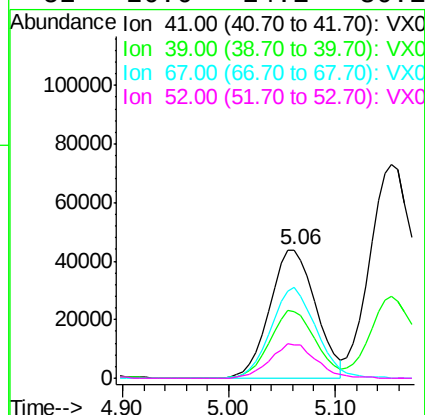
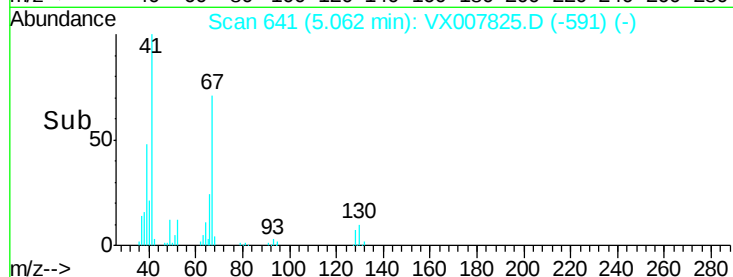
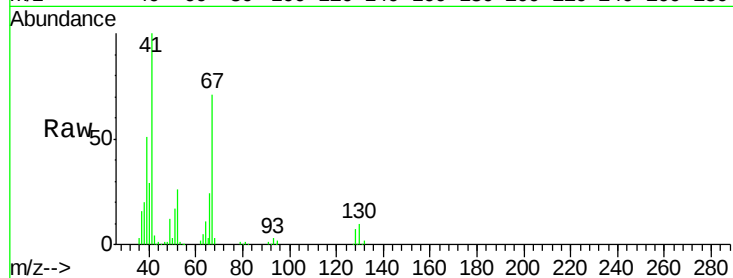
#41  
Methacrylonitrile  
Concen: 54.712 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. 0.01 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 51.8 | 44.5  | 66.7  |       |
| 67      | 69.4 | 60.4  | 90.6  |       |
| 52      | 26.6 | 24.1  | 36.1  |       |

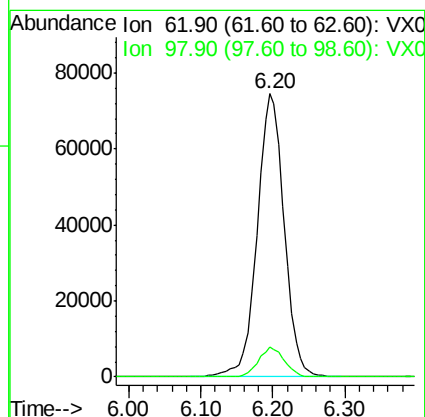
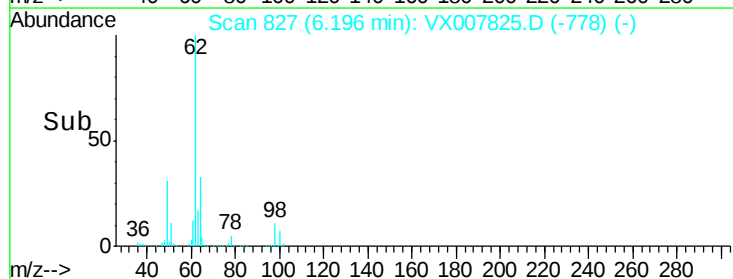
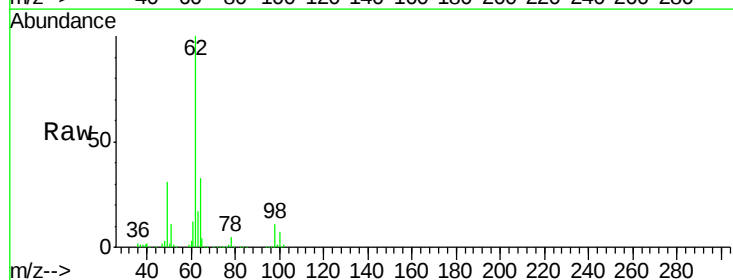
Manual Integrations  
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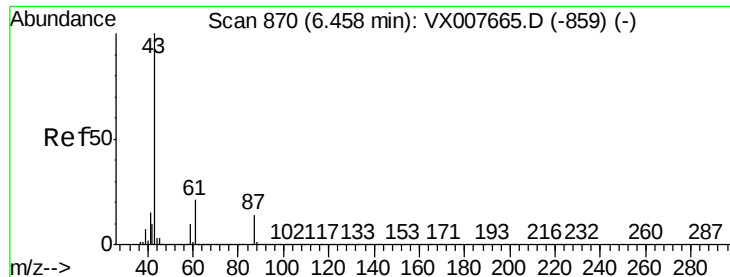
MMDadoda  
3/5/2019 9:35:01 AM



#42  
1,2-Dichloroethane  
Concen: 45.997 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 10.2 | 0.0   | 19.0  |       |





#43

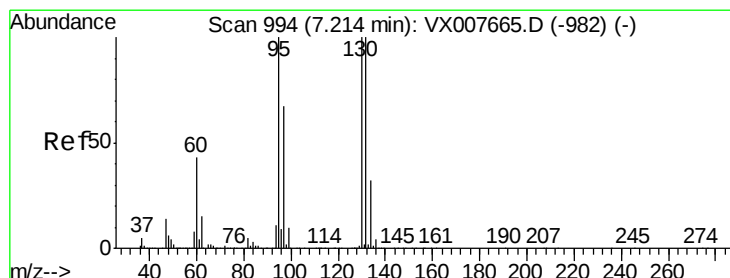
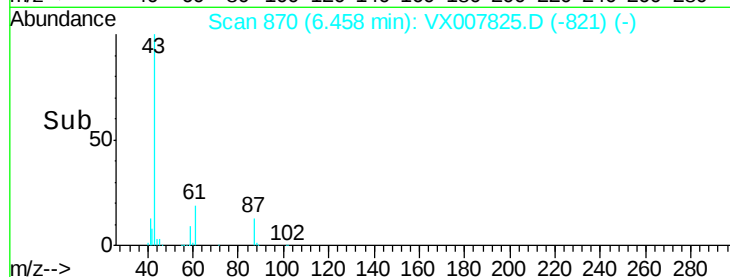
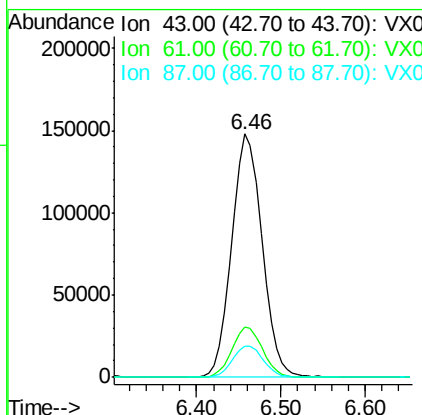
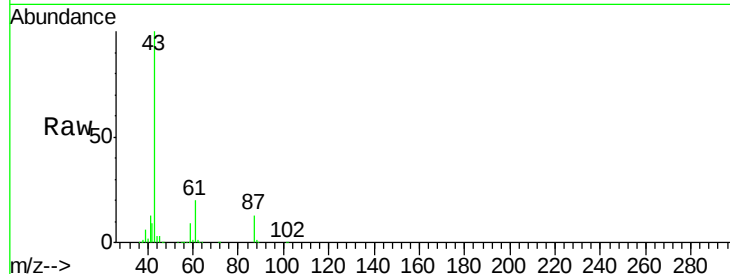
Isopropyl Acetate  
 Concen: 52.093 ug/l  
 RT: 6.46 min Scan# 870  
 Delta R.T. 0.00 min  
 Lab File: VX007825.D  
 Acq: 04 Mar 2019 21:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 361703 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 20.8  | 16.1  | 24.1   |
| 87       | 13.1  | 11.5  | 17.3   |

Manual Integrations  
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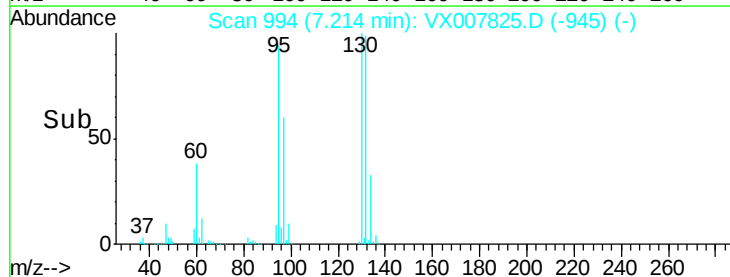
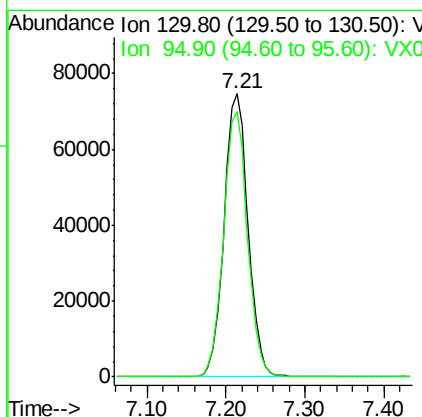
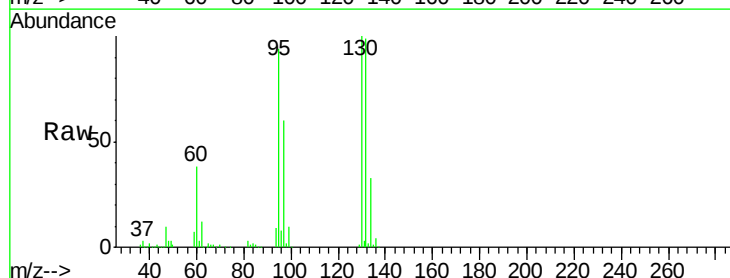
MMDadoda  
 3/5/2019 9:35:01 AM

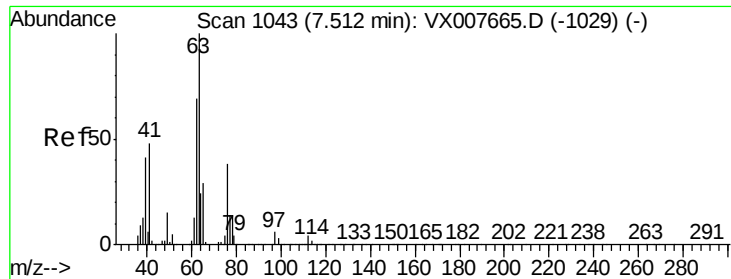


#44

Trichloroethene  
 Concen: 45.877 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.00 min  
 Lab File: VX007825.D  
 Acq: 04 Mar 2019 21:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 158224 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 93.7  | 0.0   | 180.0  |





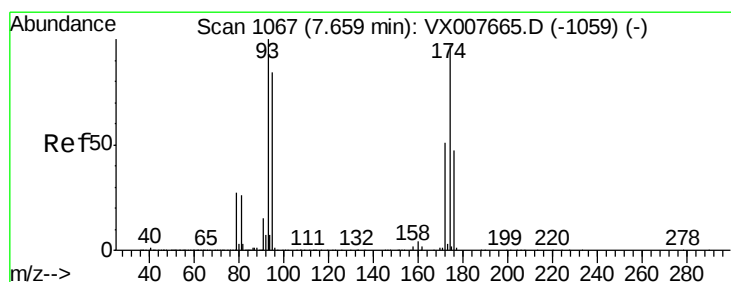
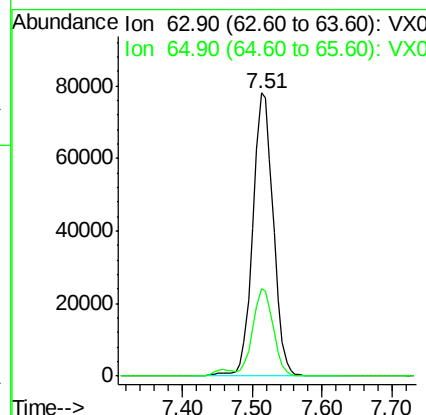
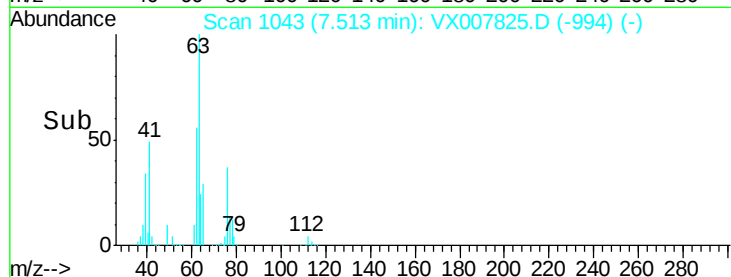
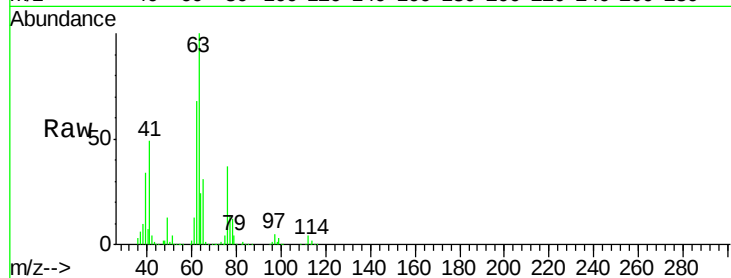
#45  
 1,2-Dichloropropane  
 Concen: 48.902 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. 0.00 min  
 Lab File: VX007825.D  
 Acq: 04 Mar 2019 21:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.0  | 24.2  | 36.2  |

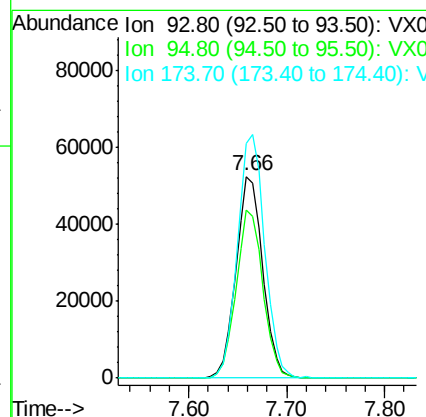
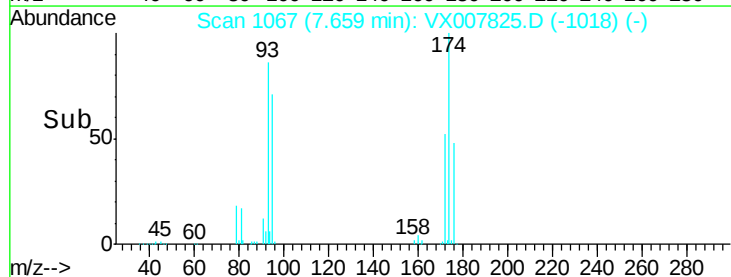
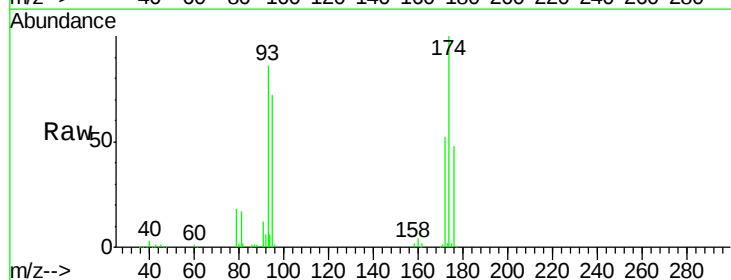
Manual Integrations  
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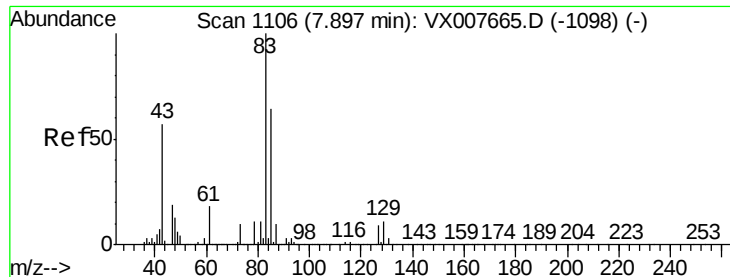
MMDadoda  
 3/5/2019 9:35:01 AM



#46  
 Dibromomethane  
 Concen: 43.844 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. 0.00 min  
 Lab File: VX007825.D  
 Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.5  | 67.6  | 101.4 |
| 174     | 122.8 | 94.2  | 141.4 |





#47

Bromodichloromethane

Concen: 50.267 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

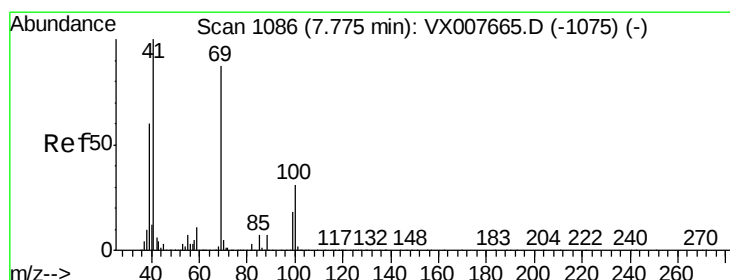
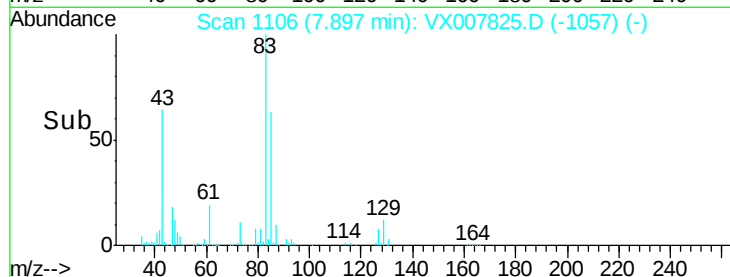
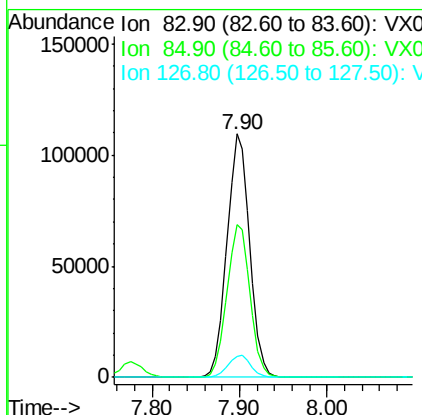
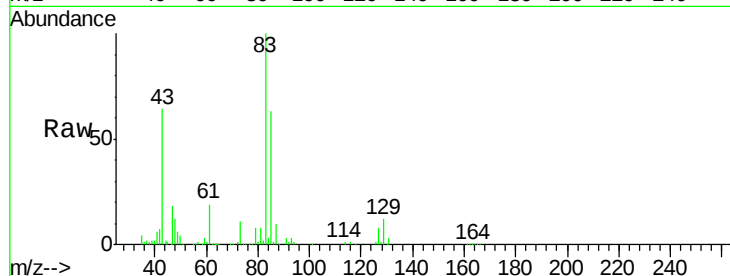
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 197365 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.0  | 51.4  | 77.0   |
| 127       | 8.4   | 8.1   | 12.1   |

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3/5/2019 9:35:01 AM



#48

Methyl methacrylate

Concen: 51.585 ug/l

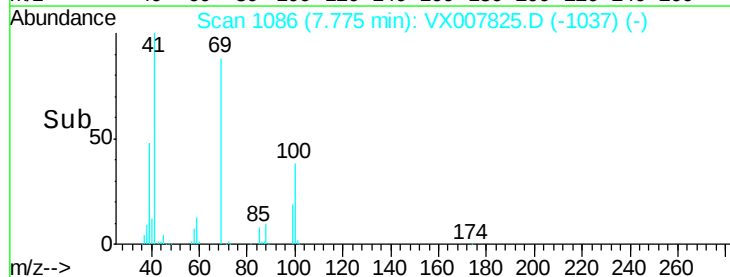
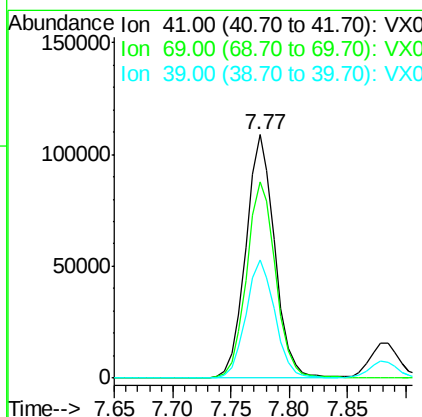
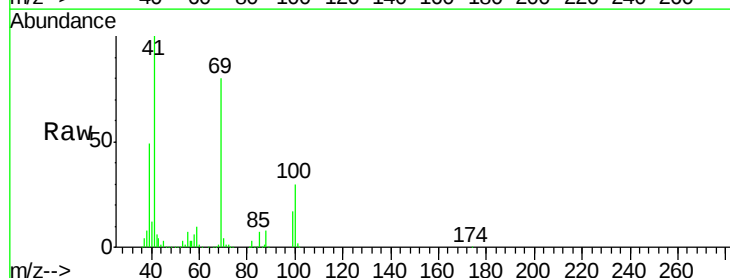
RT: 7.77 min Scan# 1086

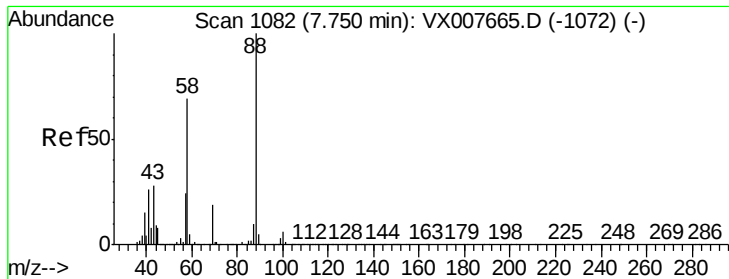
Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 187752 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 81.8  | 70.2  | 105.4  |
| 39        | 49.4  | 47.4  | 71.0   |





#49

1,4-Dioxane

Concen: 976.769 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

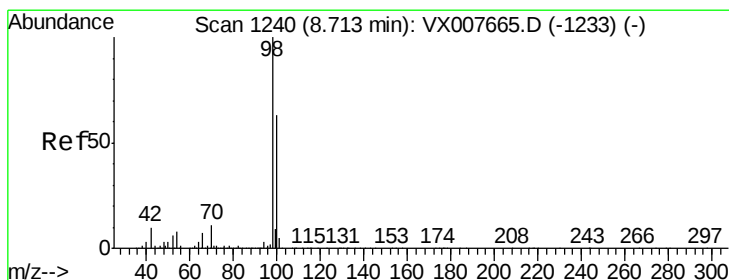
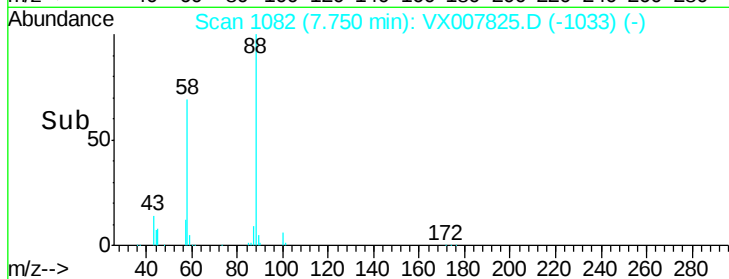
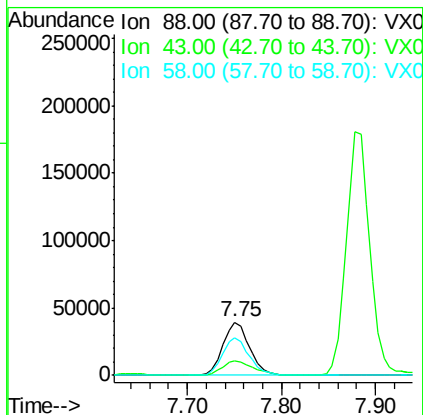
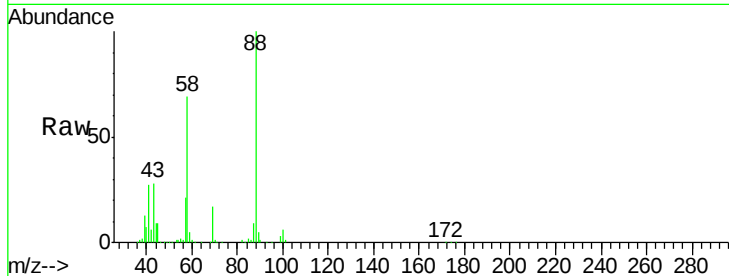
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 76784 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 31.0  | 24.2  | 36.4  |
| 58       | 71.3  | 53.0  | 79.4  |

Manual Integrations  
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#50

Toluene-d8

Concen: 42.605 ug/l

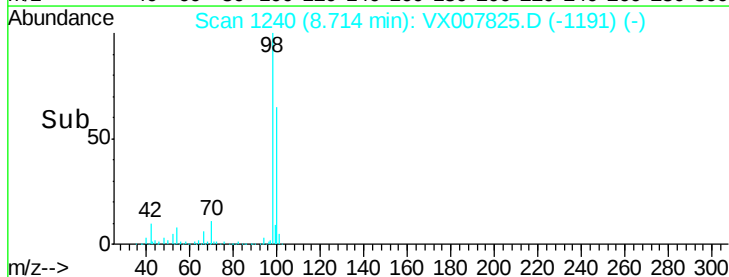
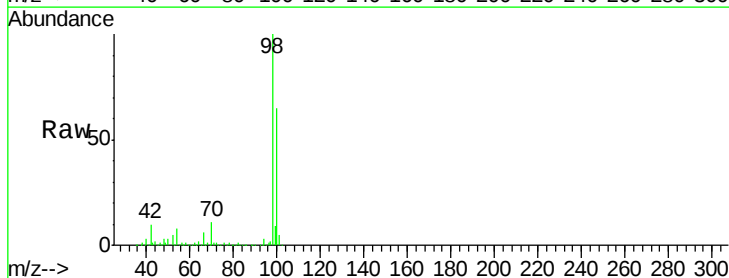
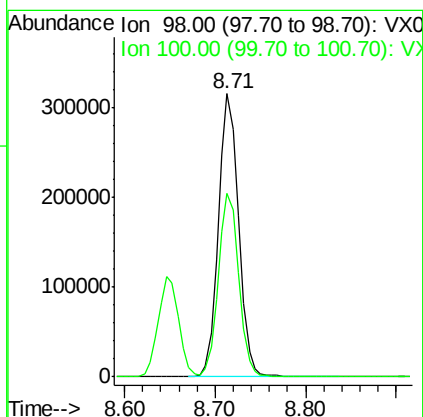
RT: 8.71 min Scan# 1240

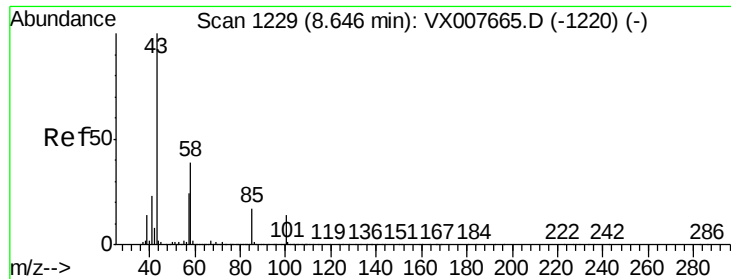
Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 492546 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 65.6  | 51.6  | 77.4   |





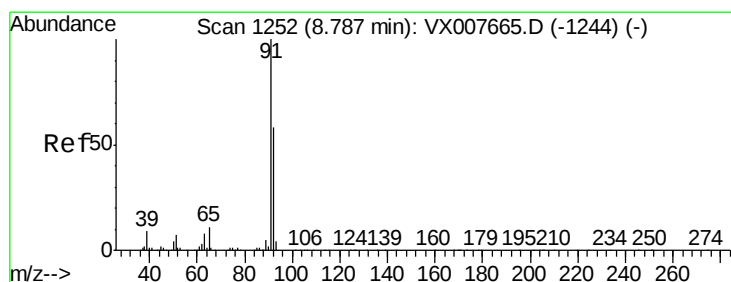
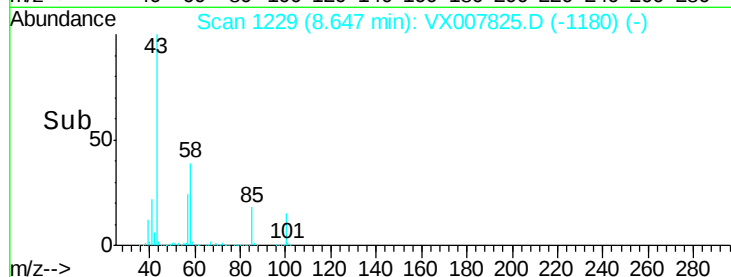
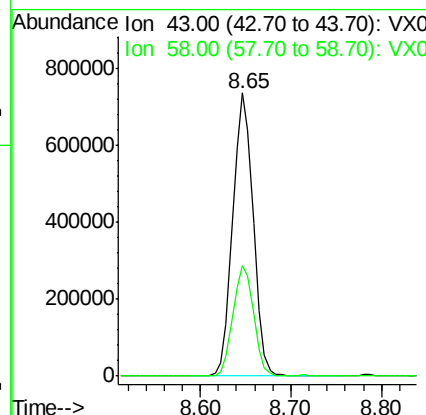
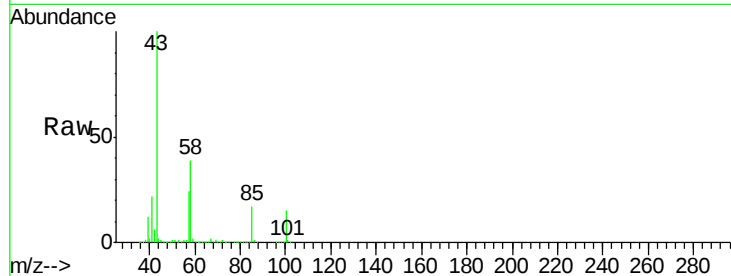
#51  
4-Methyl-2-Pentanone  
Concen: 248.171 ug/l  
RT: 8.65 min Scan# 1229  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 1153448  
Ion Ratio Lower Upper  
43 100  
58 39.3 31.2 46.8

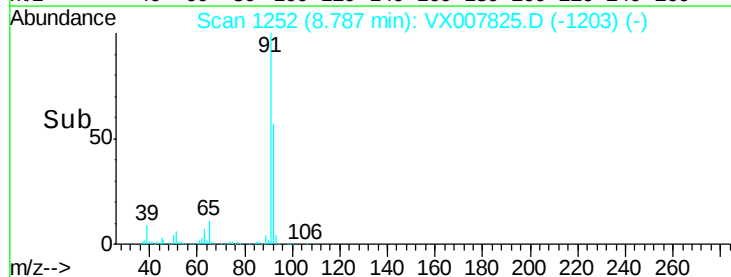
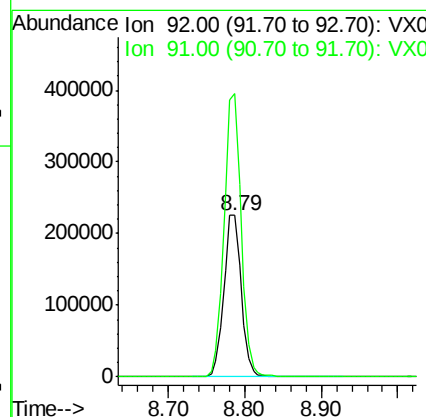
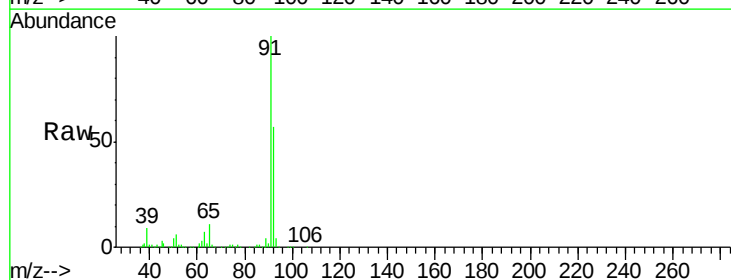
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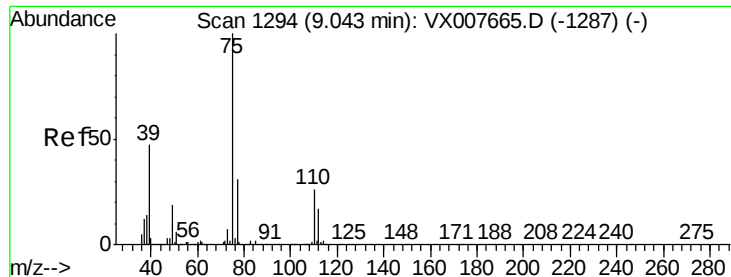
MMDadoda  
3/5/2019 9:35:01 AM



#52  
Toluene  
Concen: 44.895 ug/l  
RT: 8.79 min Scan# 1252  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Tgt Ion: 92 Resp: 354931  
Ion Ratio Lower Upper  
92 100  
91 172.7 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 44.466 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Tot Ion: 75 Resp: 215443

Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

Instrument :

MSVOA\_X

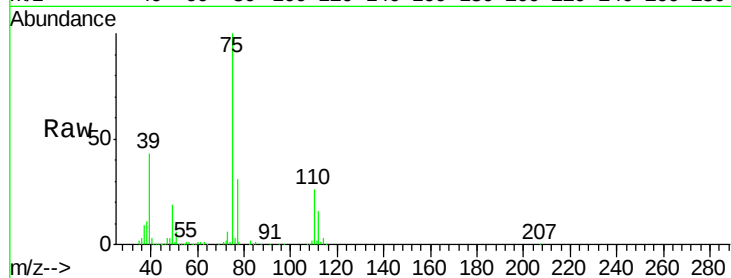
ClientSampleId :

VSTDCCC050EC

Manual Integrations  
APPROVED

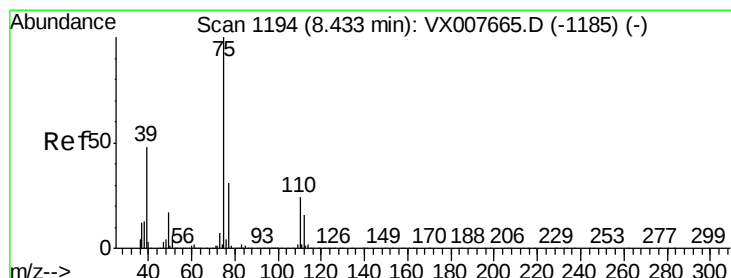
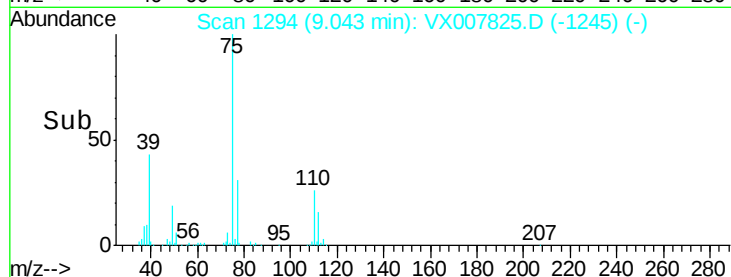
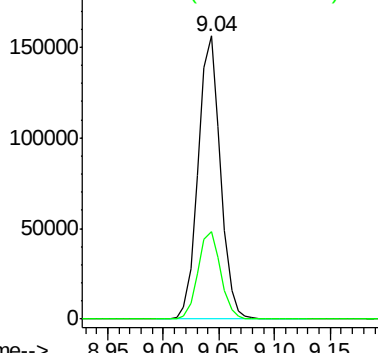
MMDadoda

3/5/2019 9:35:01 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 49.687 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

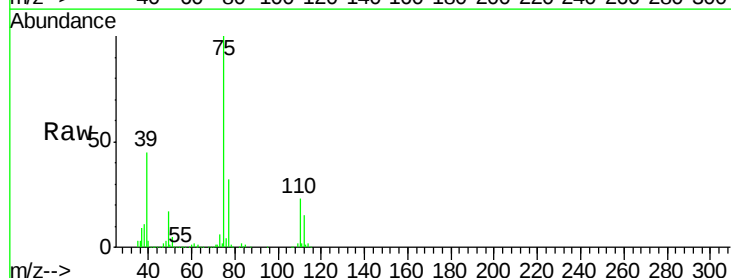
Tgt Ion: 75 Resp: 236746

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.4

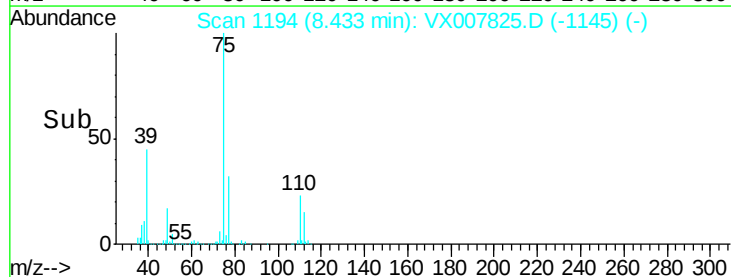
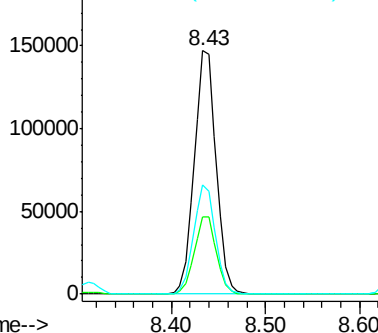
39 44.8 37.1 55.7

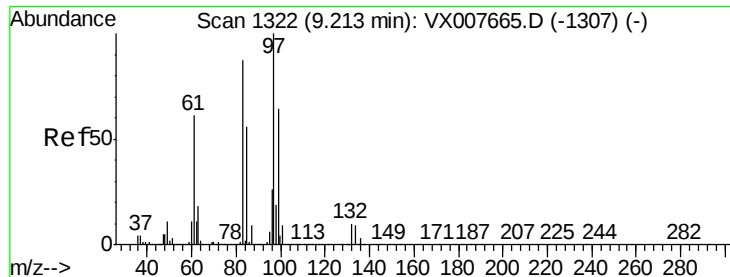


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





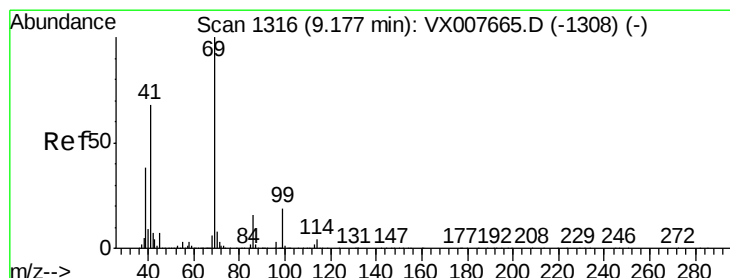
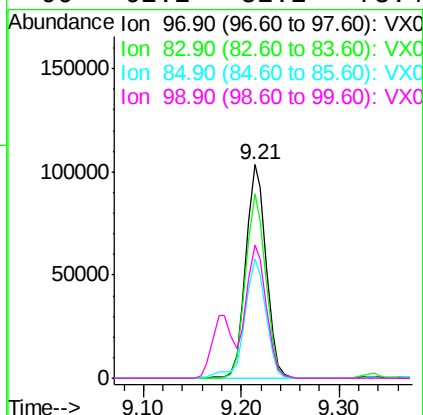
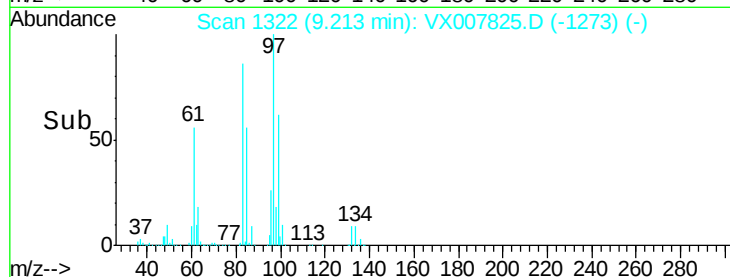
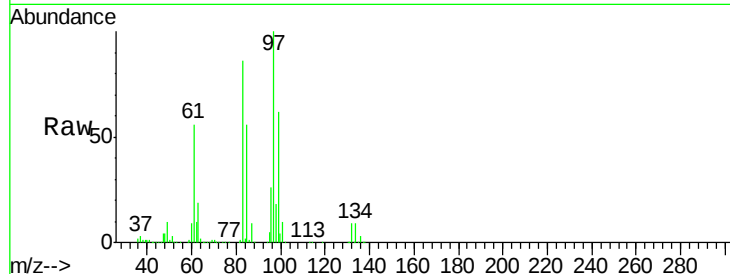
#55  
 1,1,2-Trichloroethane  
 Concen: 45.392 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX007825.D  
 Acq: 04 Mar 2019 21:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 149645 |       |       |
| 83      | 86.2 | 68.6  | 102.8  |       |       |
| 85      | 55.6 | 44.5  | 66.7   |       |       |
| 99      | 62.2 | 52.2  | 78.4   |       |       |

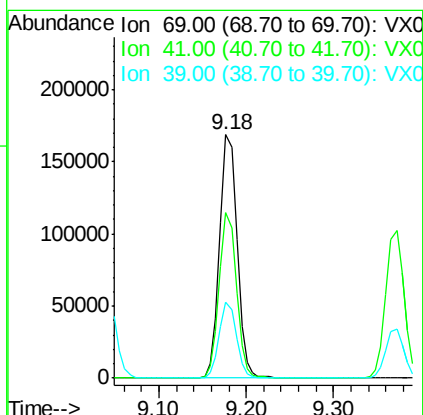
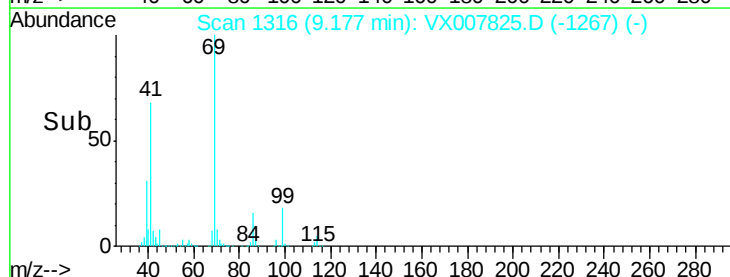
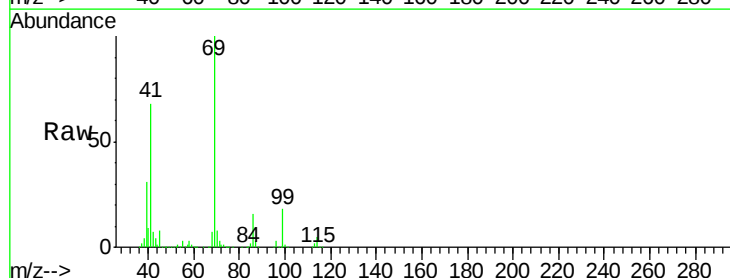
Manual Integrations  
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 3/5/2019 9:35:01 AM



#56  
 Ethyl methacrylate  
 Concen: 50.138 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VX007825.D  
 Acq: 04 Mar 2019 21:41

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 235056 |       |       |
| 41      | 67.2 | 52.1  | 78.1   |       |       |
| 39      | 30.6 | 30.1  | 45.1   |       |       |





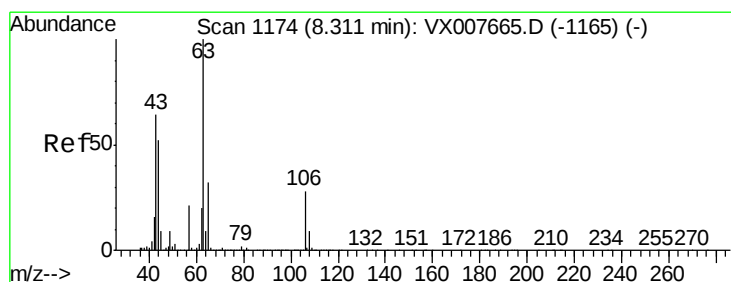
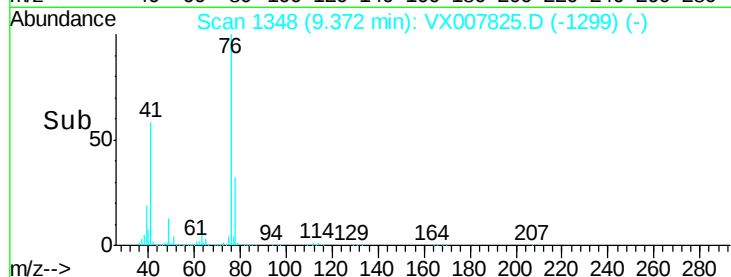
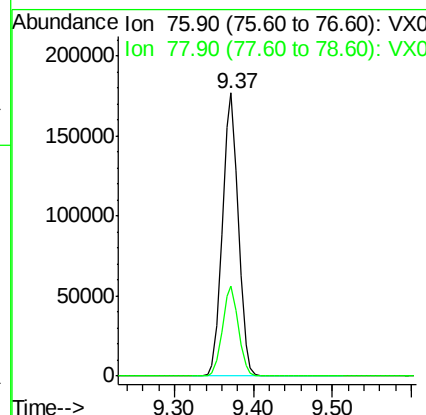
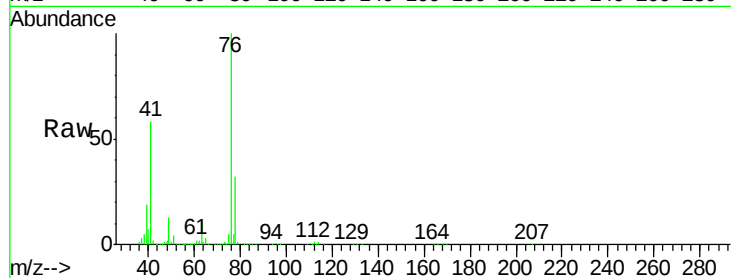
#57  
 1,3-Dichloropropane  
 Concen: 47.183 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. 0.00 min  
 Lab File: VX007825.D  
 Acq: 04 Mar 2019 21:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 31.8  | 25.8  | 38.8  |

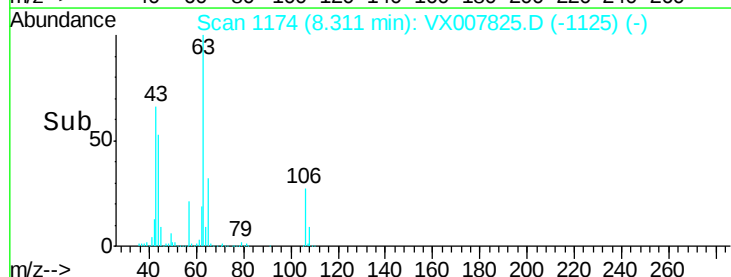
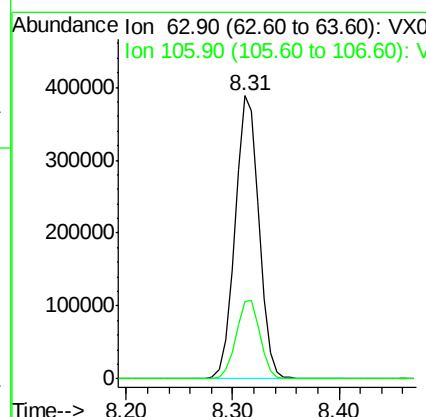
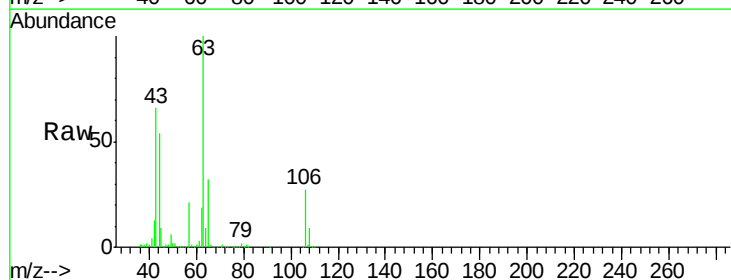
Manual Integrations  
 APPROVED

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 3/5/2019 9:35:01 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 235.783 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. 0.00 min  
 Lab File: VX007825.D  
 Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 28.0  | 23.6  | 35.4  |





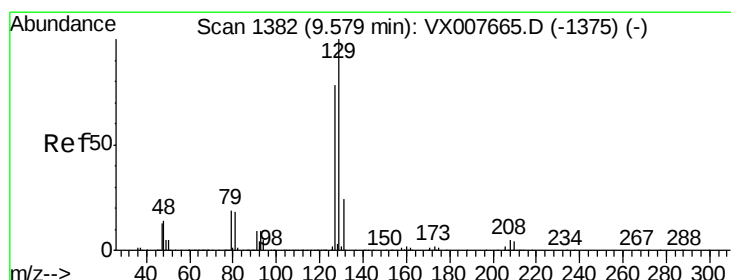
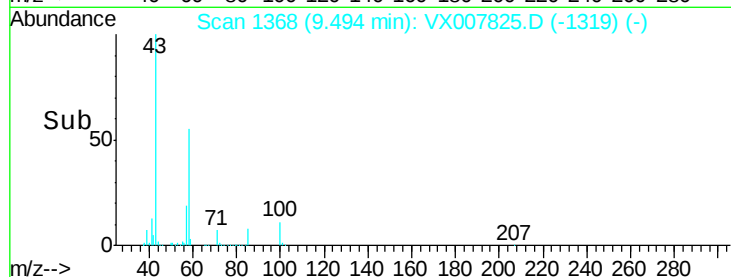
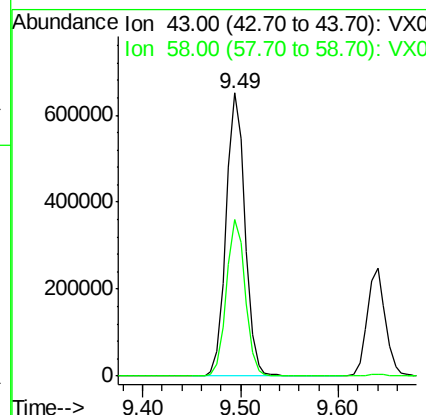
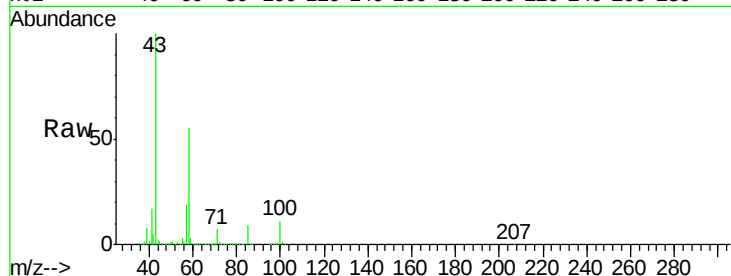
#59  
2-Hexanone  
Concen: 239.690 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 874616  
Ion Ratio Lower Upper  
43 100  
58 55.1 27.1 81.3

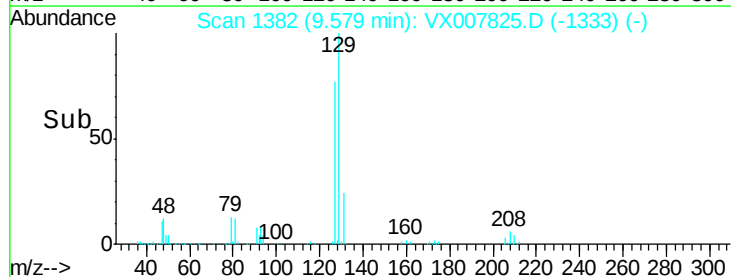
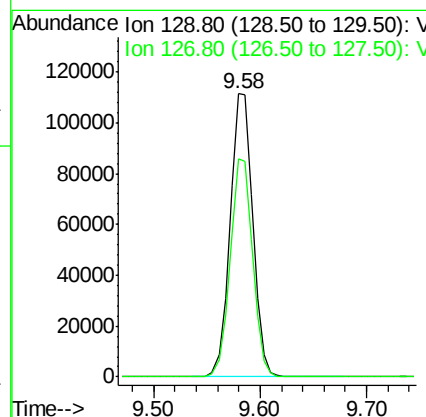
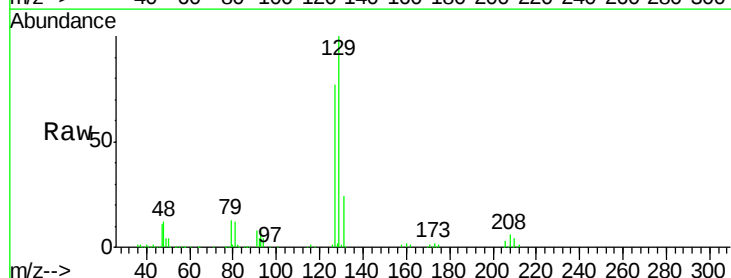
Manual Integrations  
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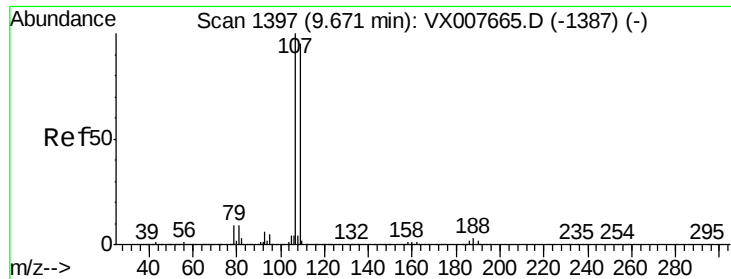
MMDadoda  
3/5/2019 9:35:01 AM



#60  
Dibromochloromethane  
Concen: 52.310 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Tgt Ion: 129 Resp: 165939  
Ion Ratio Lower Upper  
129 100  
127 76.5 37.8 113.4





#61

1,2-Dibromoethane

Concen: 46.053 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 157632

Ion Ratio Lower Upper

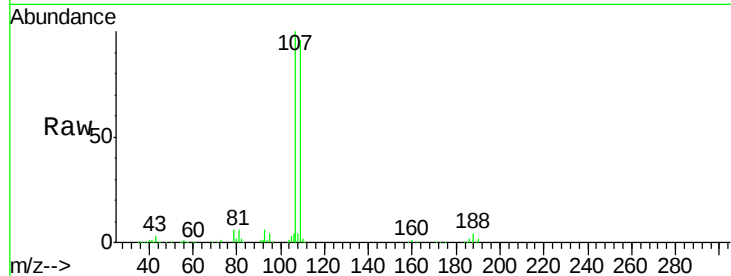
107 100

109 95.3 75.1 112.7

Manual Integrations  
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

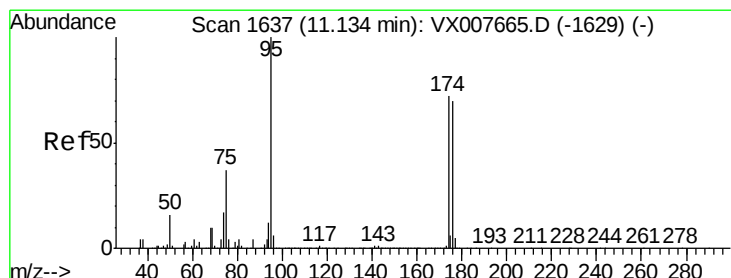
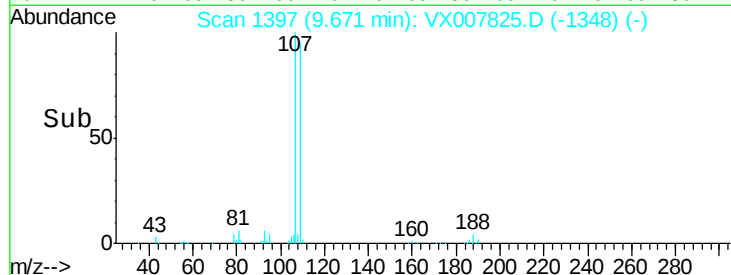
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.801 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

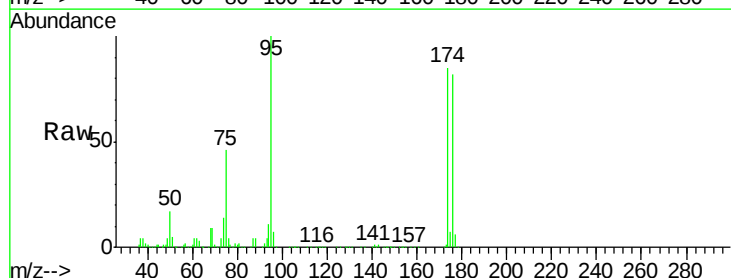
Tgt Ion: 95 Resp: 177373

Ion Ratio Lower Upper

95 100

174 92.8 0.0 189.2

176 90.5 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

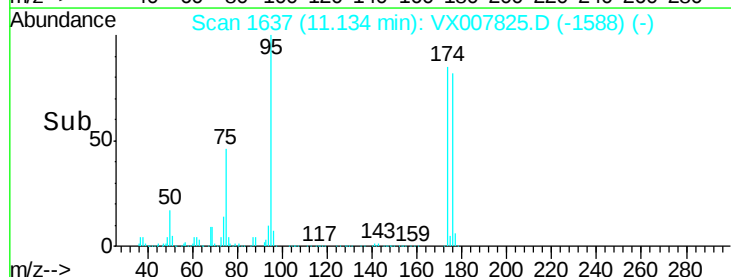
150000

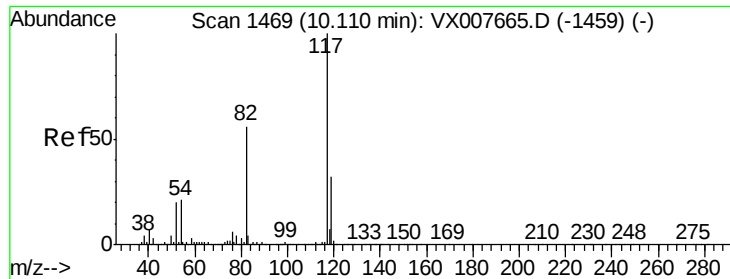
100000

50000

0

Time-->





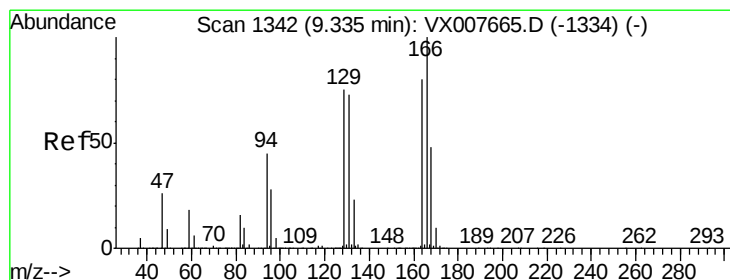
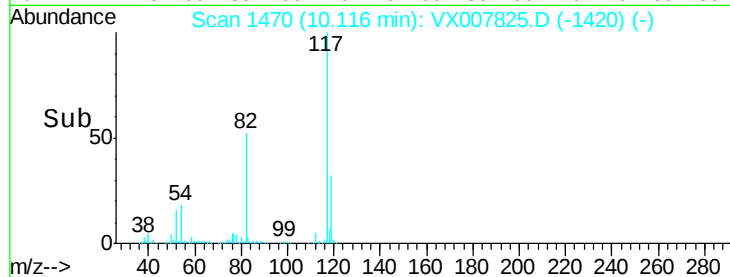
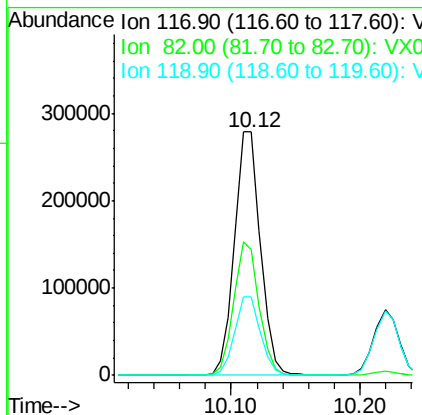
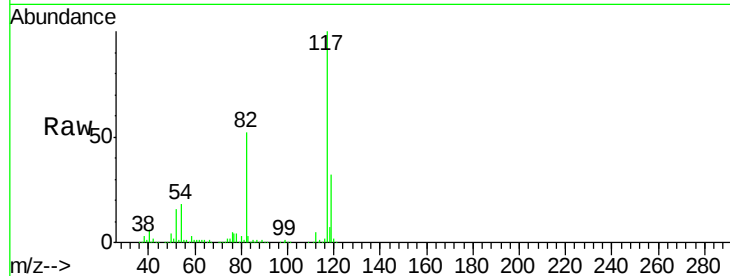
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.01 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 393480 |       |       |
| 82      | 51.6  | 42.1   | 63.1  |       |
| 119     | 32.3  | 26.5   | 39.7  |       |

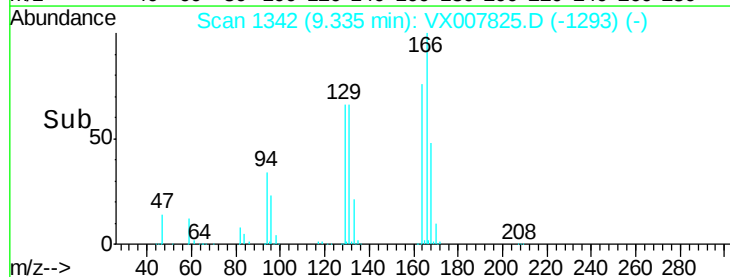
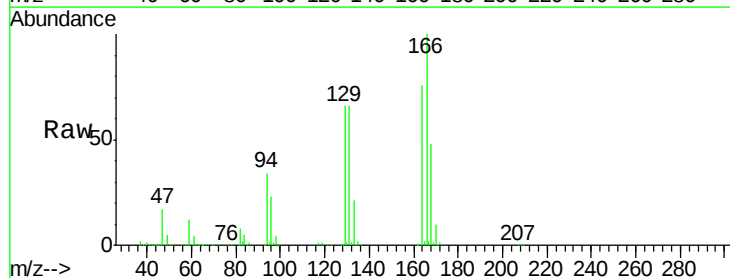
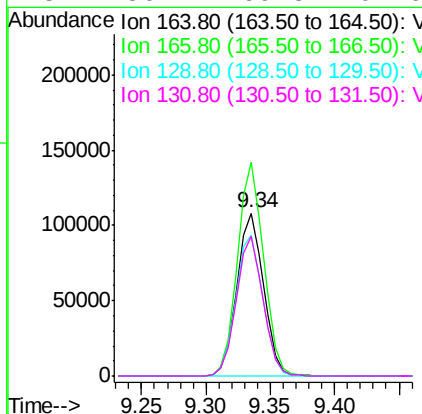
Manual Integrations  
APPROVED

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#64  
Tetrachloroethene  
Concen: 48.679 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 155496 |       |       |
| 166     | 131.3 | 101.0  | 151.4 |       |
| 129     | 86.3  | 70.5   | 105.7 |       |
| 131     | 86.1  | 69.8   | 104.6 |       |





#65

Chlorobenzene

Concen: 46.327 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 394253

Ion Ratio Lower Upper

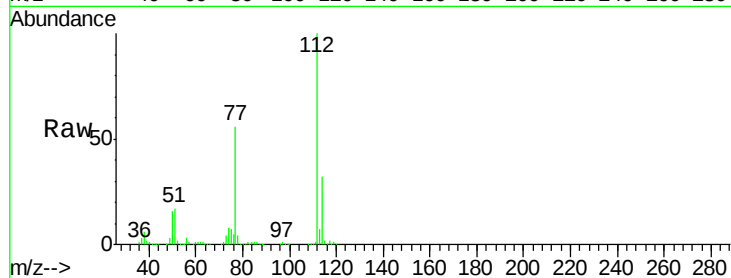
112 100

114 32.2 25.8 38.6

Manual Integrations  
APPROVED

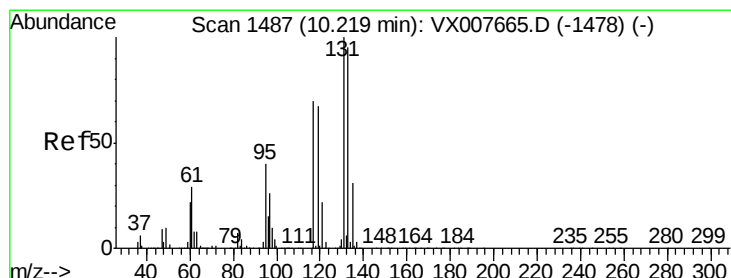
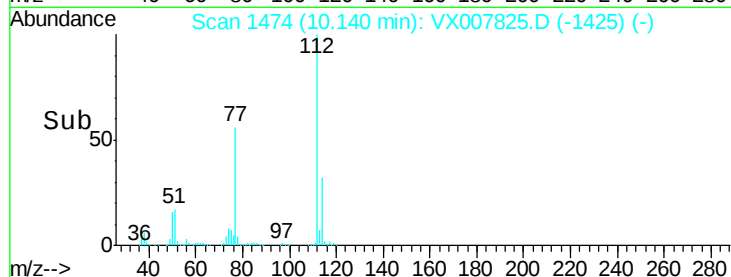
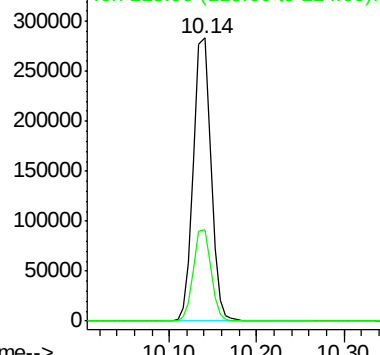
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.435 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

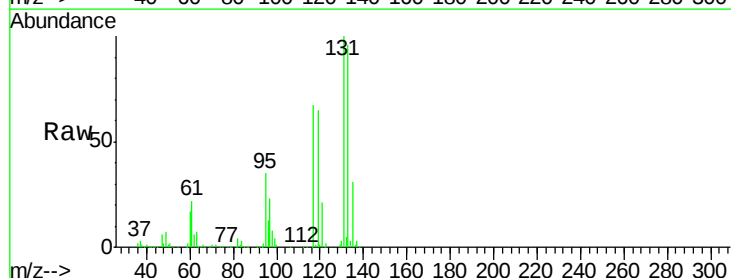
Tgt Ion:131 Resp: 149718

Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.2

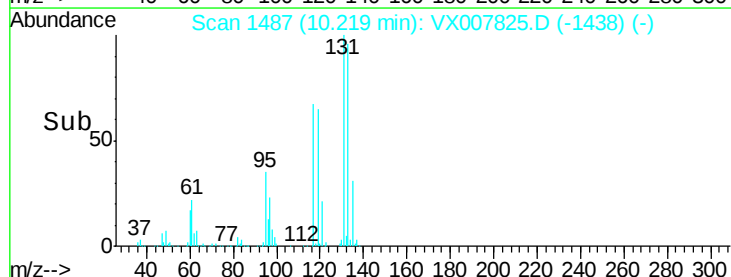
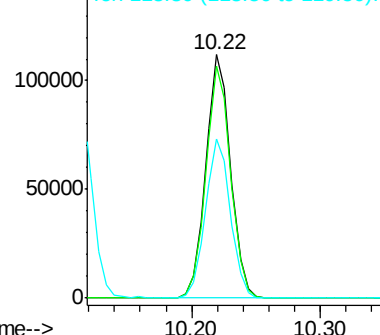
119 65.9 32.0 96.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 47.337 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 667344

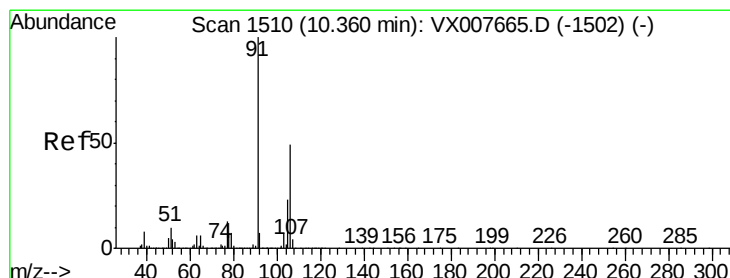
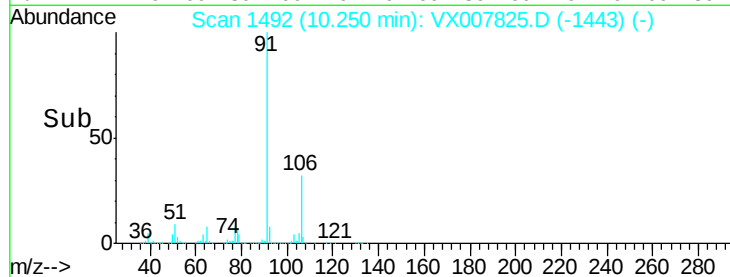
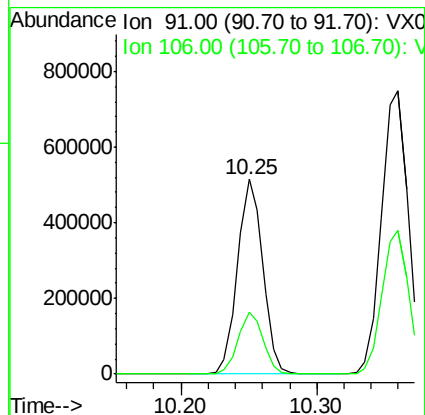
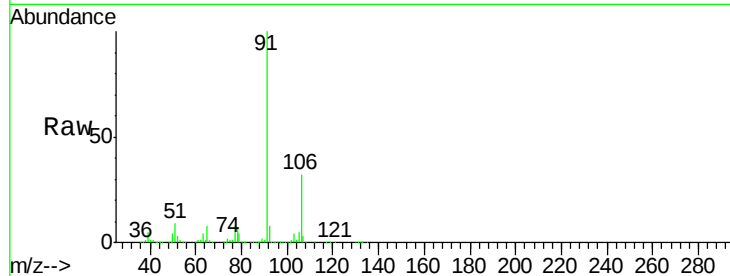
Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.0

Manual Integrations  
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3/5/2019 9:35:01 AM



#68

m/p-Xylenes

Concen: 93.780 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007825.D

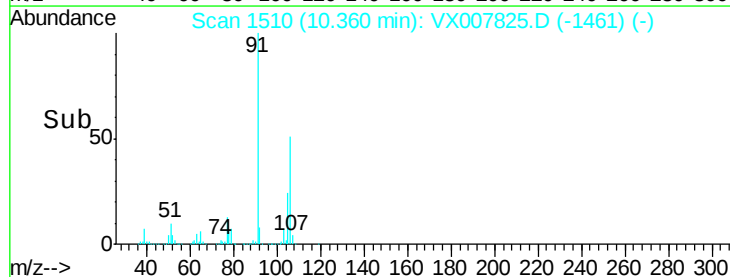
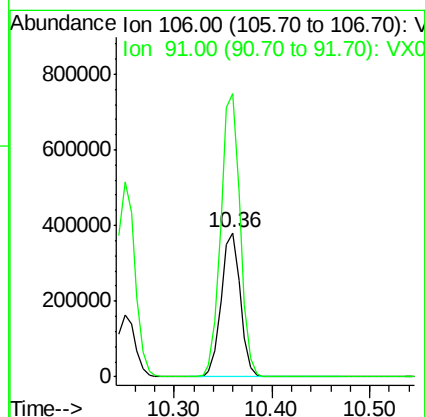
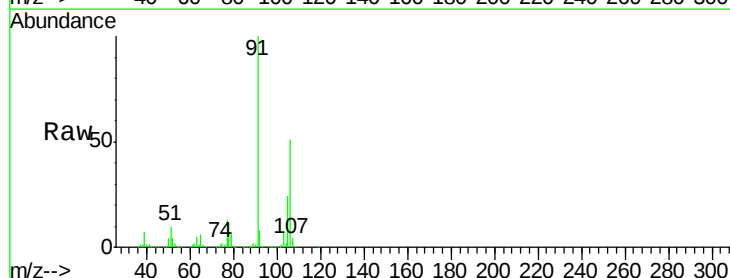
Acq: 04 Mar 2019 21:41

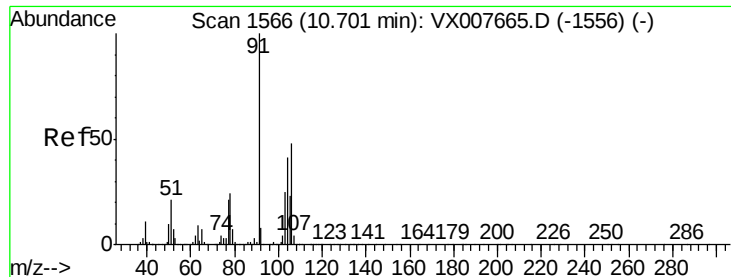
Tgt Ion: 106 Resp: 514328

Ion Ratio Lower Upper

106 100

91 199.2 156.6 234.8





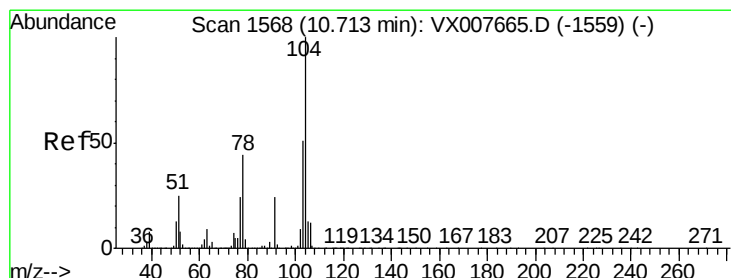
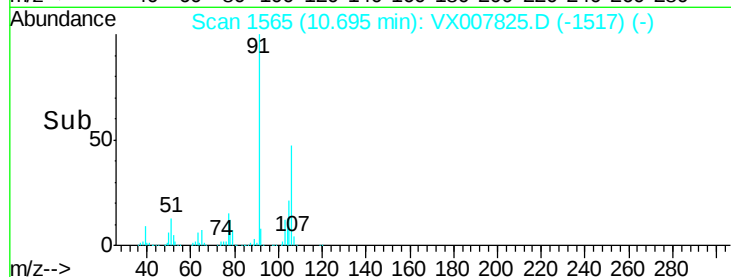
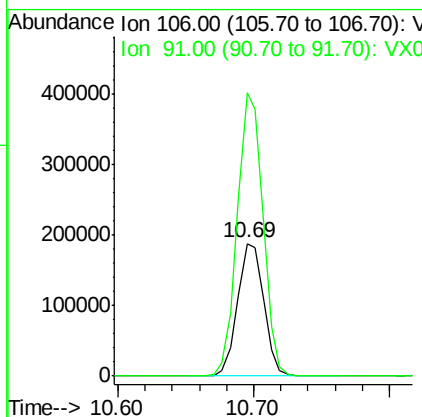
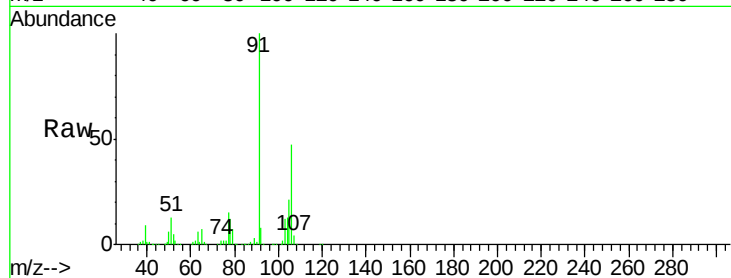
#69  
o-Xylene  
Concen: 47.692 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 210.3 | 102.9 | 308.7 |

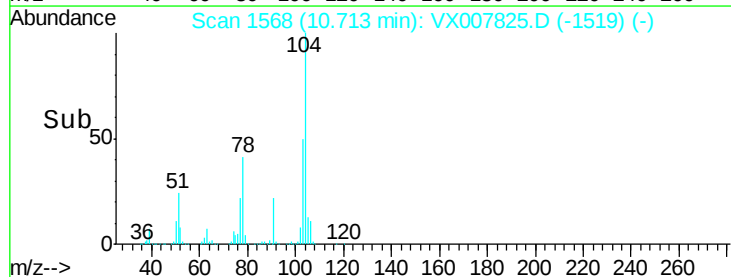
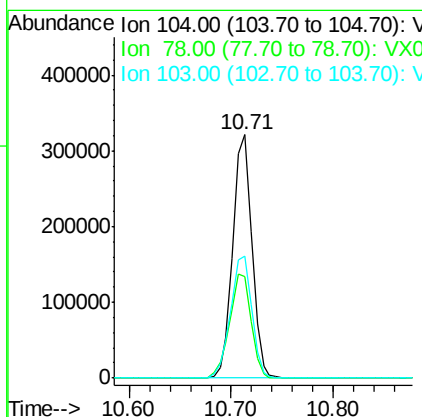
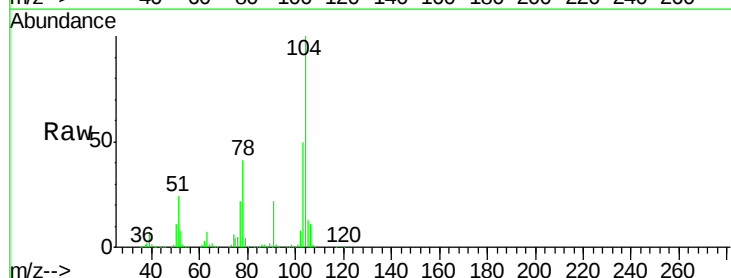
Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 9:35:01 AM



#70  
Styrene  
Concen: 47.875 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 48.1  | 38.3  | 57.5  |
| 103     | 55.7  | 44.6  | 67.0  |





#71

Bromoform

Concen: 60.656 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

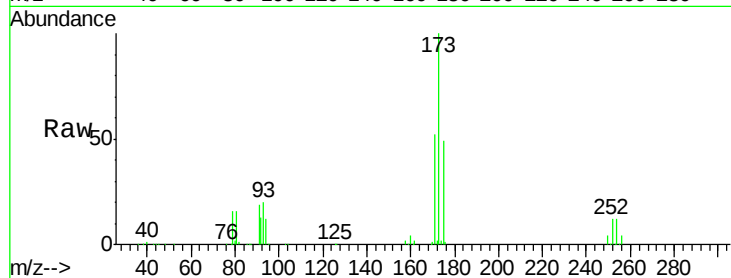
ClientSampled :

VSTDCCC050EC

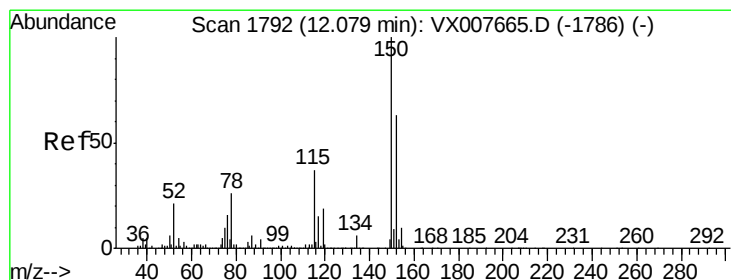
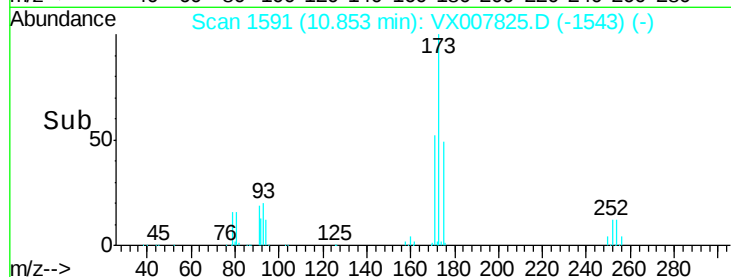
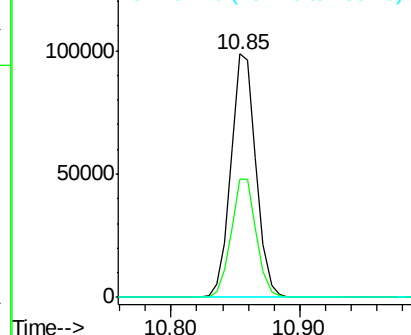
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 173   | Resp: | 135023 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.7  | 24.2  | 72.6   |
| 254       | 0.1   | 0.2   | 0.2#   |

Manual Integrations  
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3/5/2019 9:35:01 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

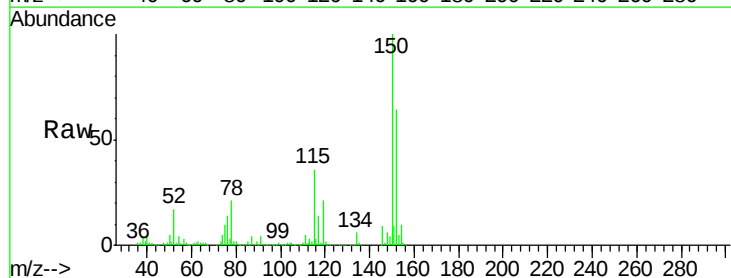
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

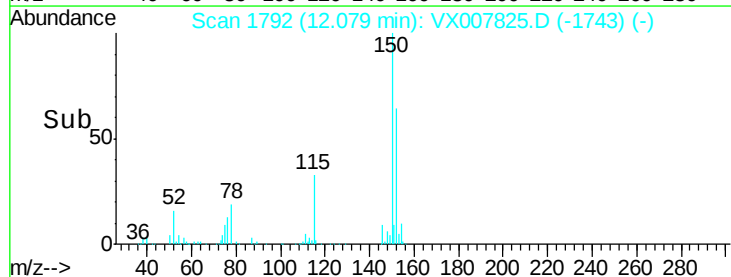
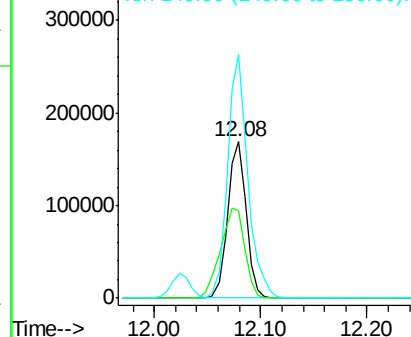
Lab File: VX007825.D

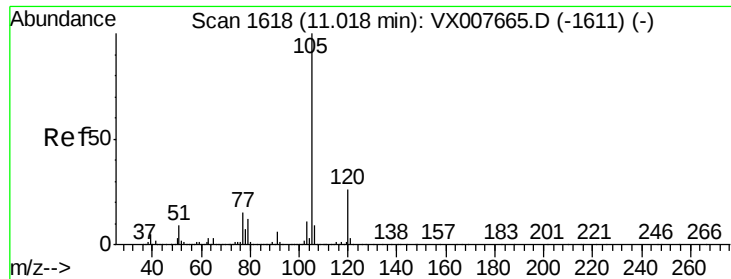
Acq: 04 Mar 2019 21:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 204621 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 75.0  | 38.0  | 114.0  |
| 150       | 170.2 | 0.0   | 346.4  |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.741 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 668935

Ion Ratio Lower Upper

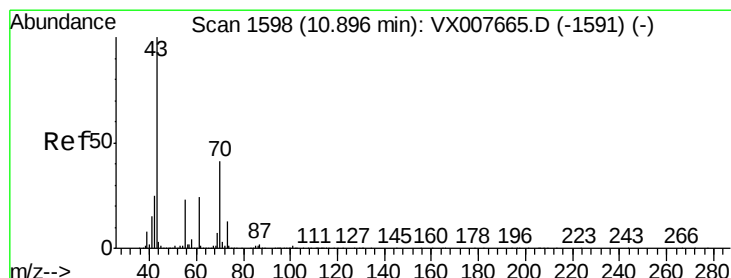
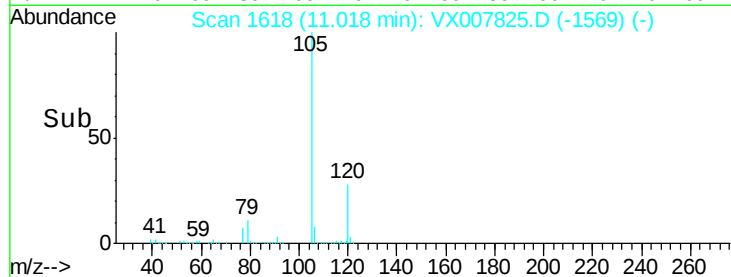
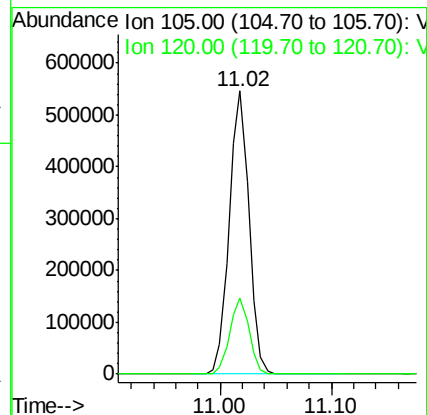
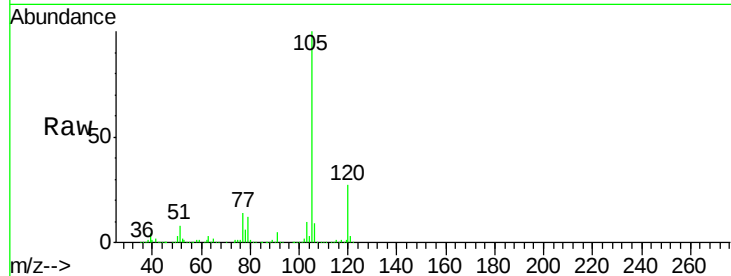
105 100

120 26.7 13.6 40.7

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#74

N-ethyl acetate

Concen: 49.709 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Tgt Ion: 43 Resp: 315695

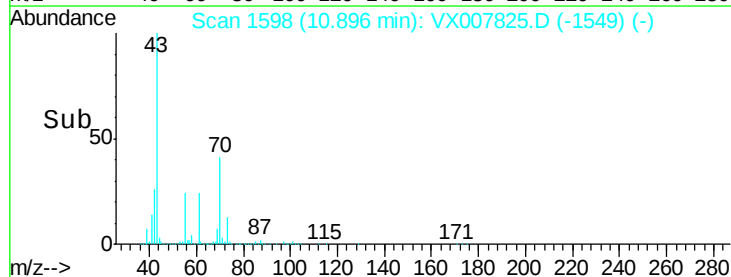
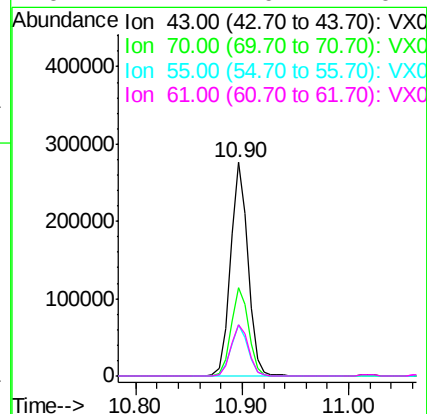
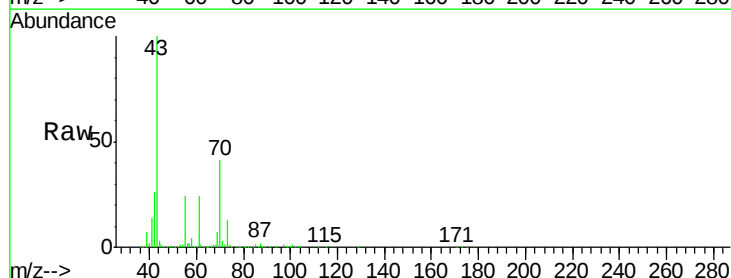
Ion Ratio Lower Upper

43 100

70 41.9 33.8 50.6

55 24.0 19.5 29.3

61 24.4 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.339 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

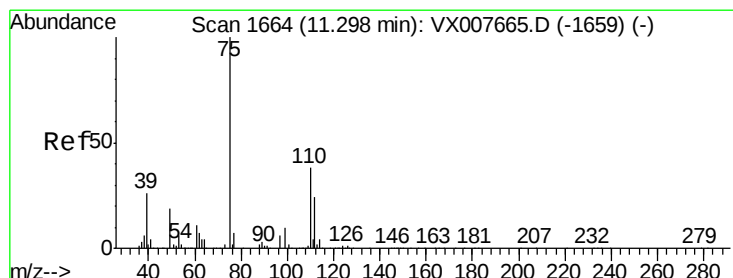
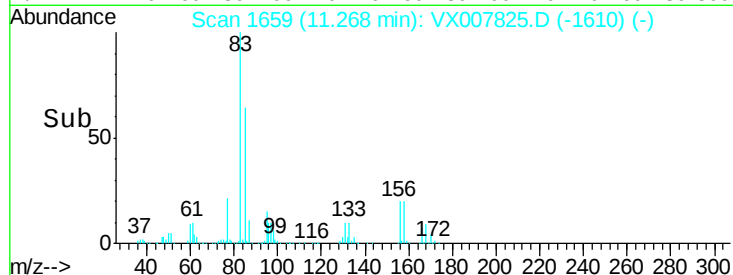
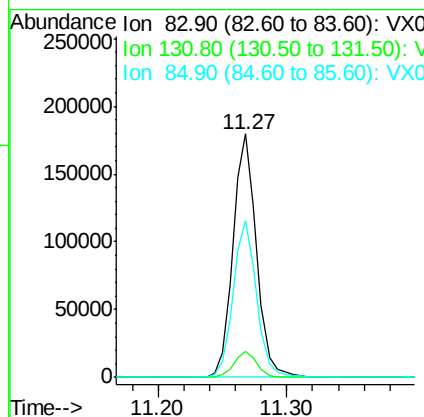
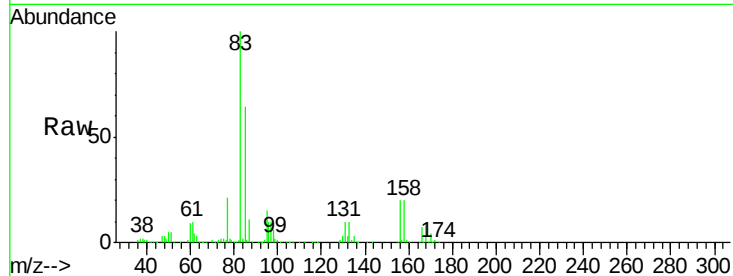
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 229332 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.3  | 5.7   | 17.0   |
| 85        | 64.2  | 32.8  | 98.3   |

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#76

1,2,3-Trichloropropane

Concen: 49.708 ug/l m

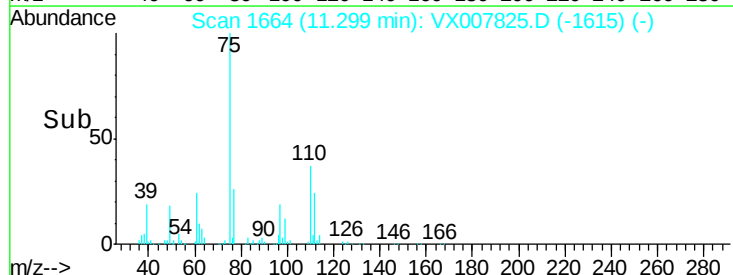
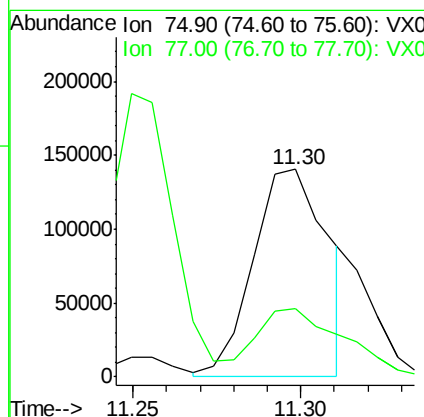
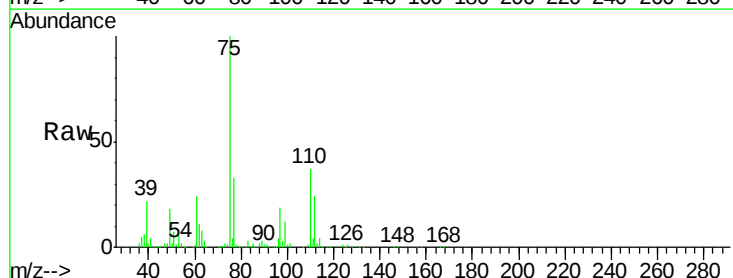
RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 216808 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 39.5  | 23.0  | 69.0   |





#77

Bromobenzene

Concen: 48.421 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

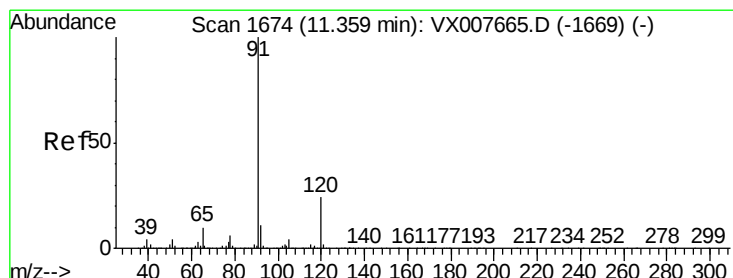
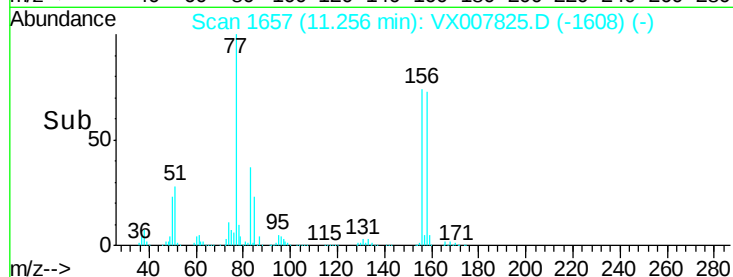
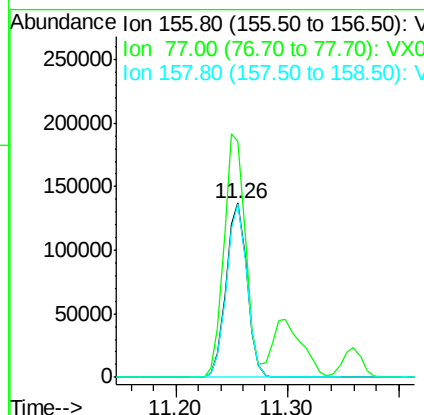
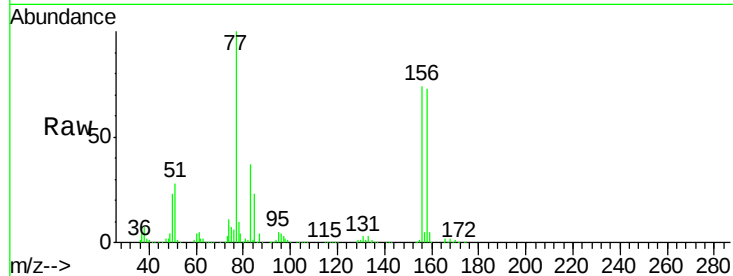
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 177616 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 143.5 | 66.8  | 200.6  |
| 158       | 98.0  | 47.9  | 143.8  |

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#78

n-propylbenzene

Concen: 45.019 ug/l

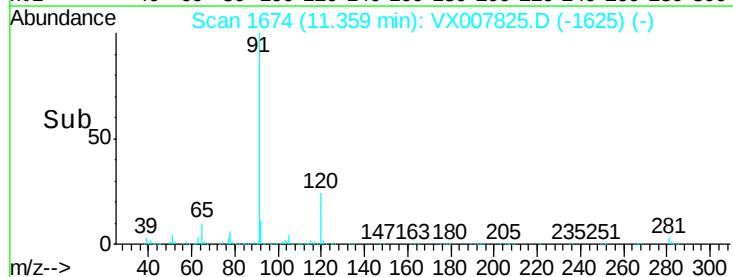
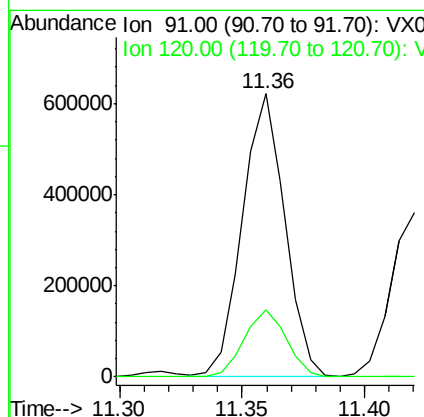
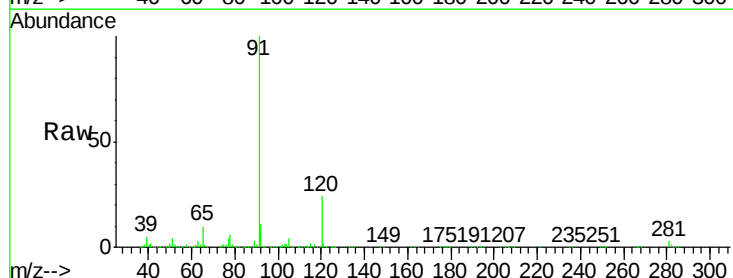
RT: 11.36 min Scan# 1674

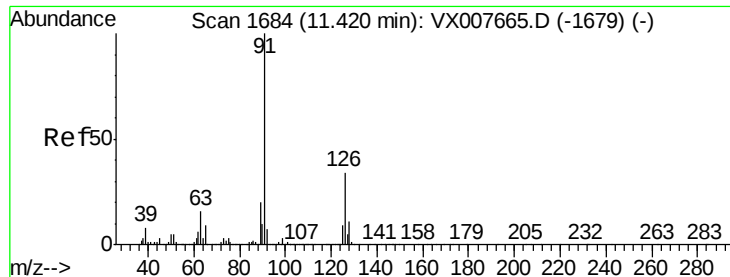
Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 743987 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.8  | 12.4  | 37.2   |





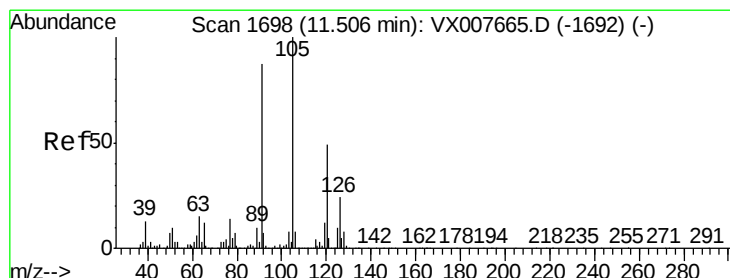
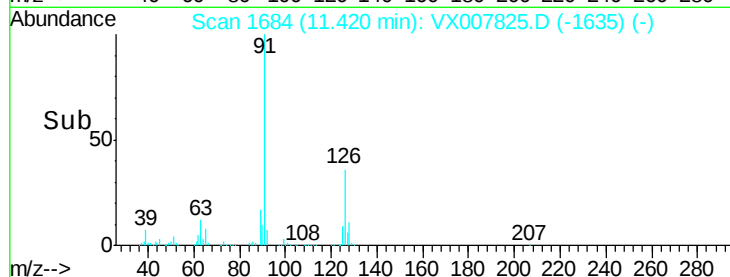
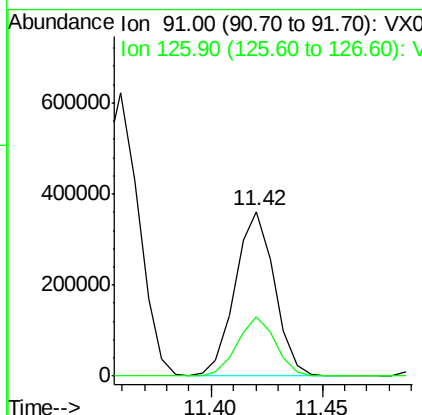
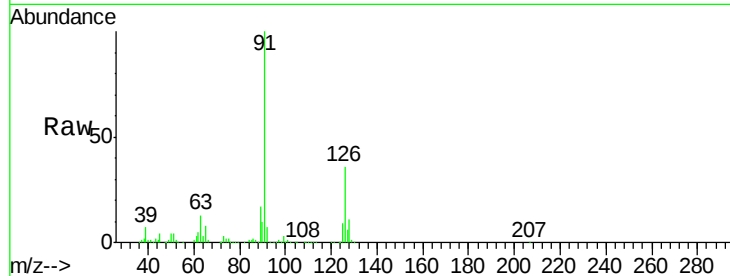
#79  
2-Chlorotoluene  
Concen: 44.509 ug/l  
RT: 11.42 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 442888  
Ion Ratio Lower Upper  
91 100  
126 35.5 18.7 56.1

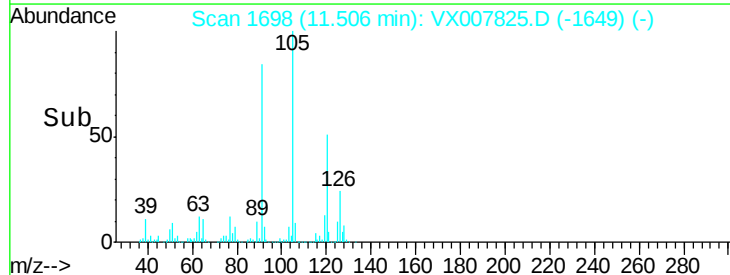
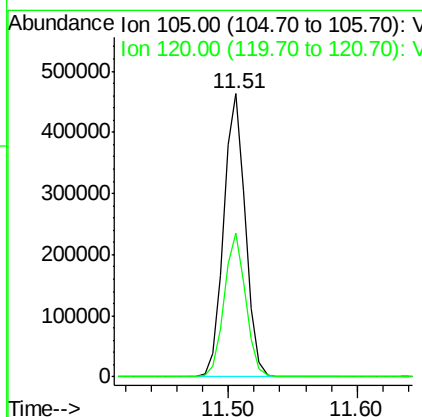
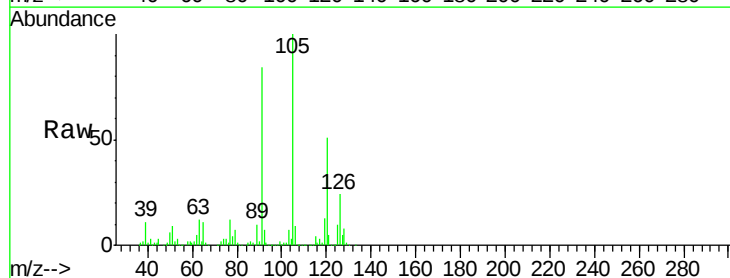
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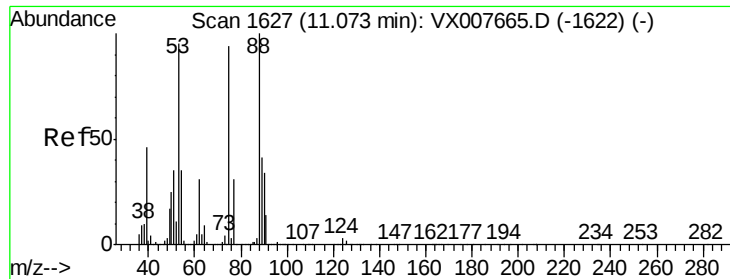
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#80  
1,3,5-Trimethylbenzene  
Concen: 45.609 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Tgt Ion: 105 Resp: 548650  
Ion Ratio Lower Upper  
105 100  
120 50.2 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43.791 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 70628

Ion Ratio Lower Upper

75 100

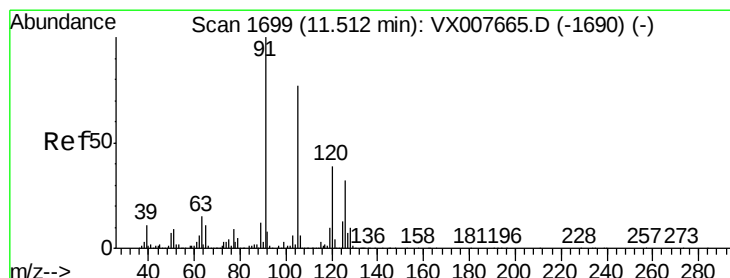
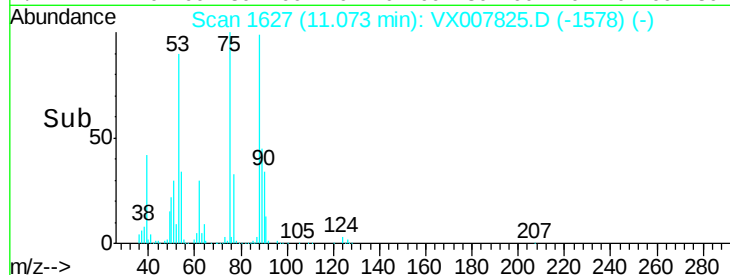
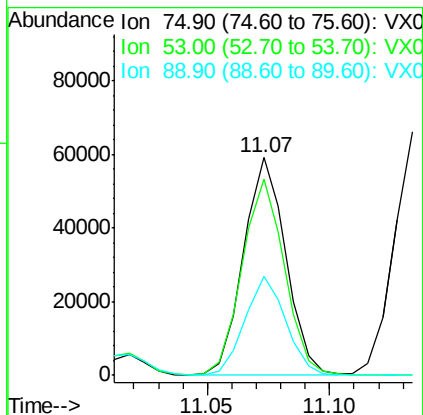
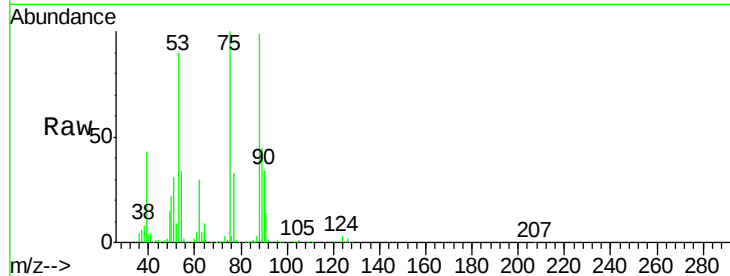
53 90.3 81.0 121.6

89 44.4 41.4 62.0

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#82

4-Chlorotoluene

Concen: 43.925 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007825.D

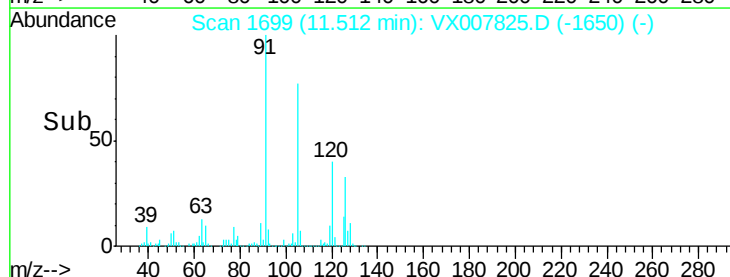
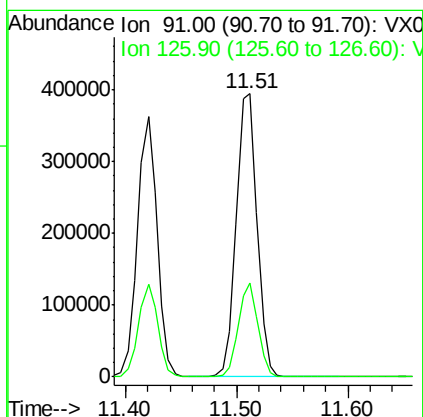
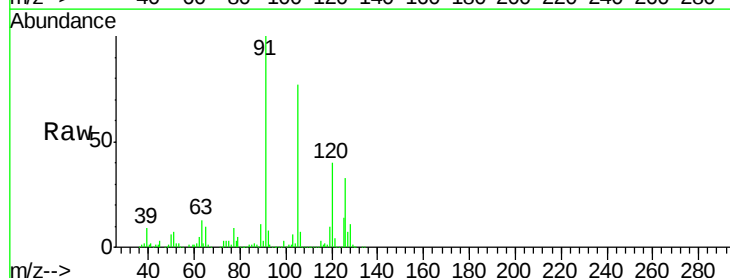
Acq: 04 Mar 2019 21:41

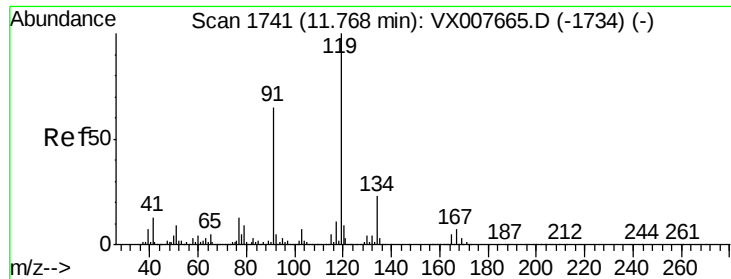
Tgt Ion: 91 Resp: 511314

Ion Ratio Lower Upper

91 100

126 31.3 16.2 48.5





#83

tert-Butylbenzene

Concen: 48.340 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

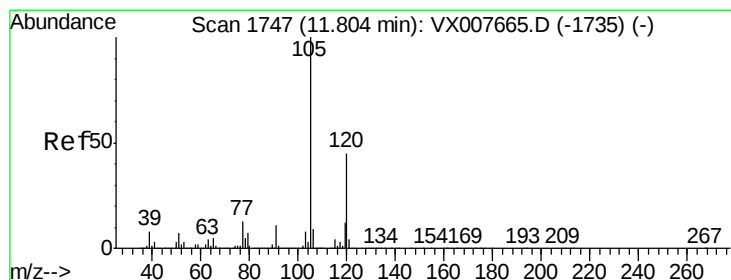
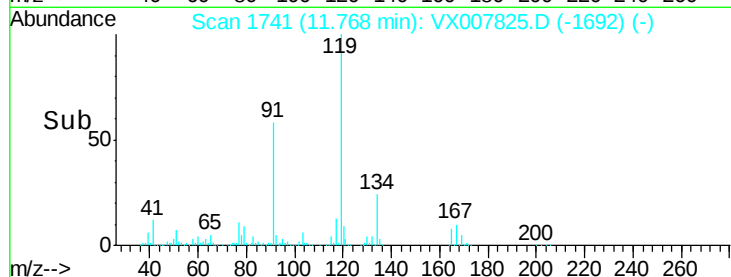
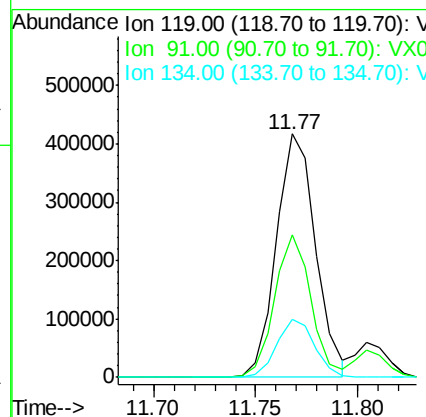
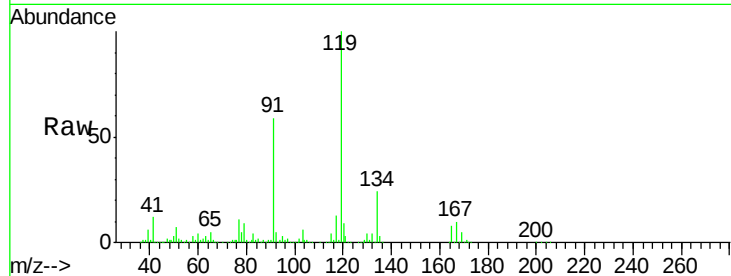
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 558330 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 54.6  | 28.5  | 85.6   |
| 134       | 23.0  | 12.0  | 36.0   |

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#84

1,2,4-Trimethylbenzene

Concen: 46.108 ug/l

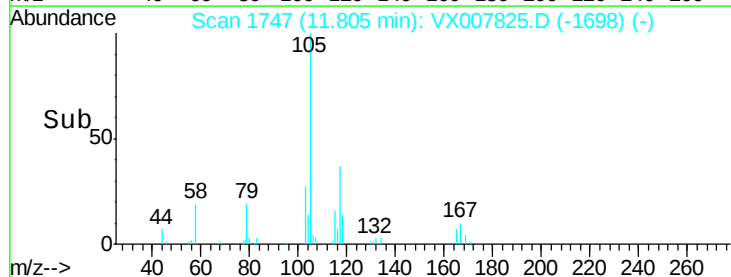
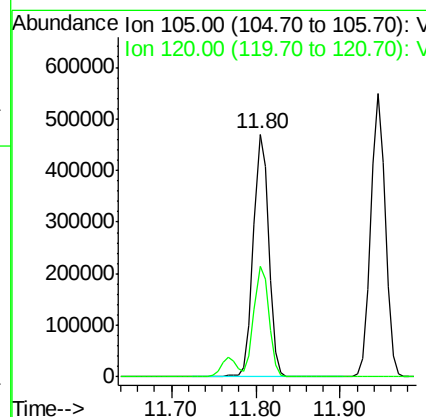
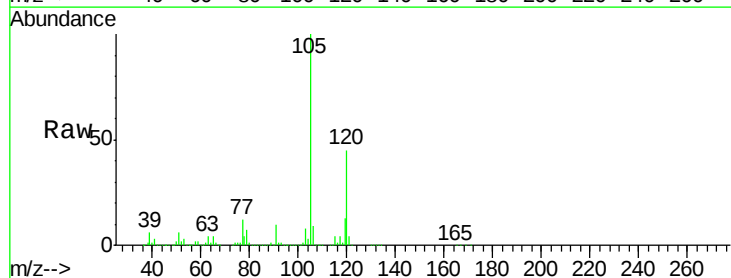
RT: 11.80 min Scan# 1747

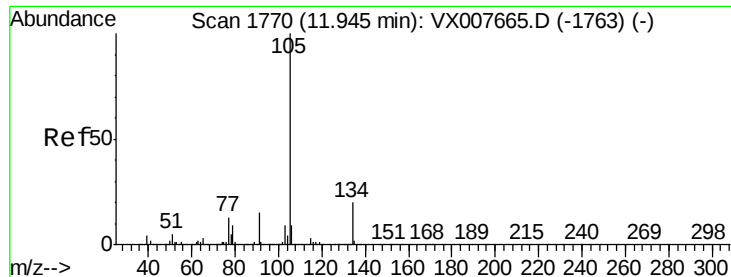
Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 567360 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 44.9  | 23.1  | 69.3   |





#85

sec-Butylbenzene

Concen: 45.744 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 662077

Ion Ratio Lower Upper

105 100

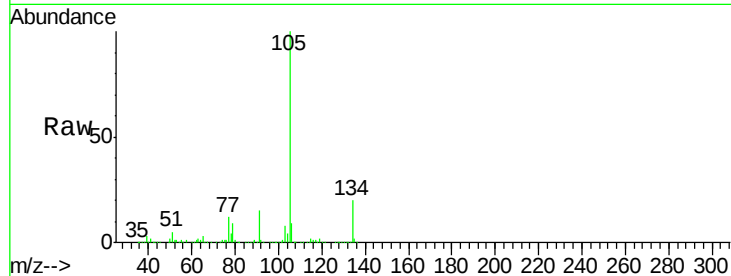
134 20.4 10.6 31.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

300000

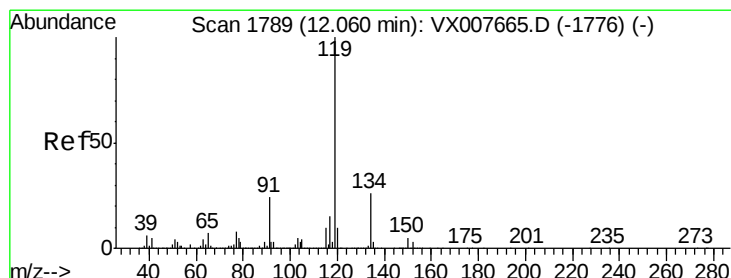
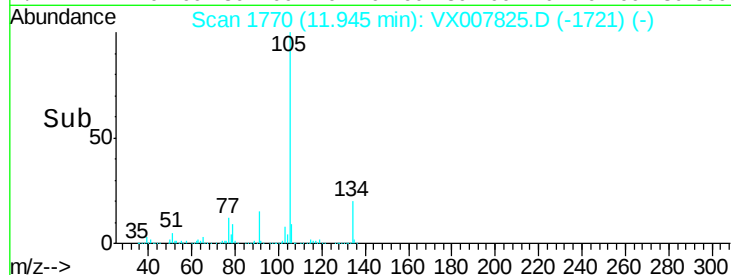
200000

100000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 46.817 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

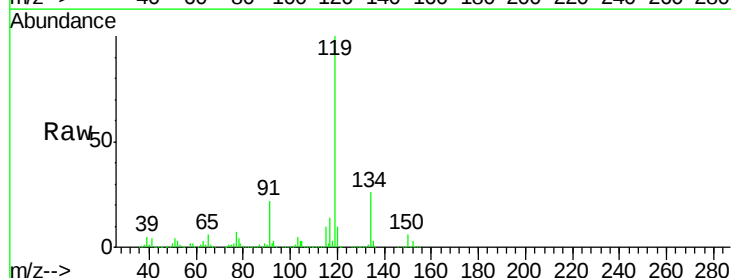
Tgt Ion:119 Resp: 593411

Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.1

91 21.7 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

600000

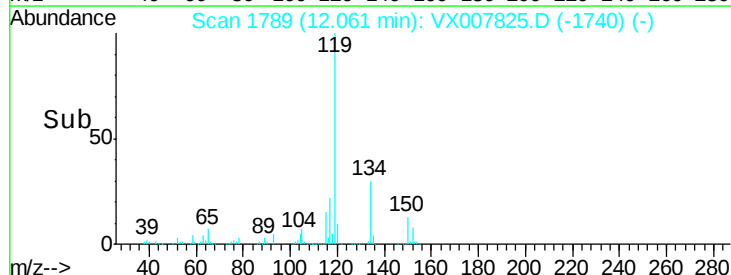
400000

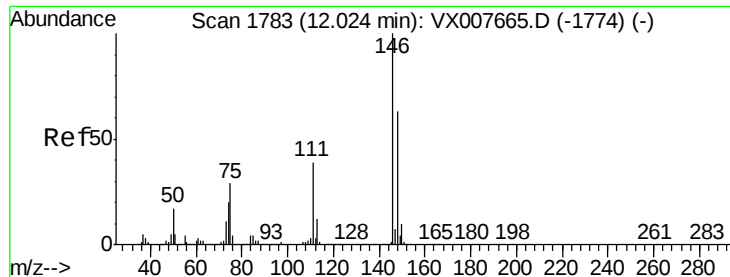
200000

0

12.00 12.10

Time-->





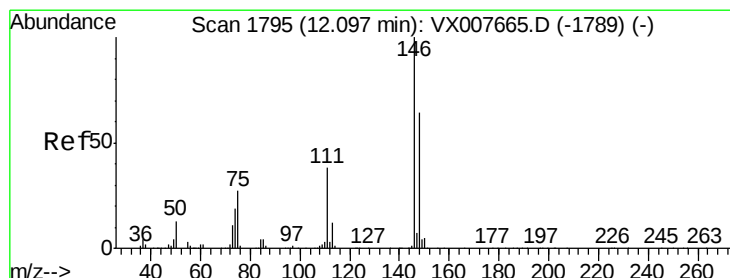
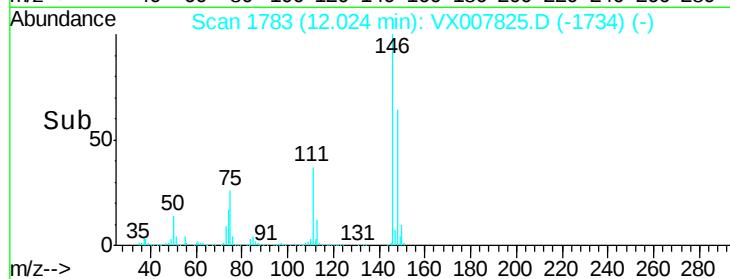
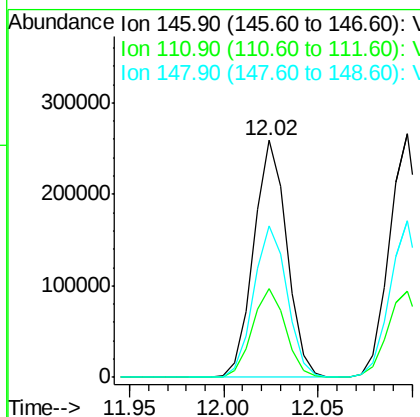
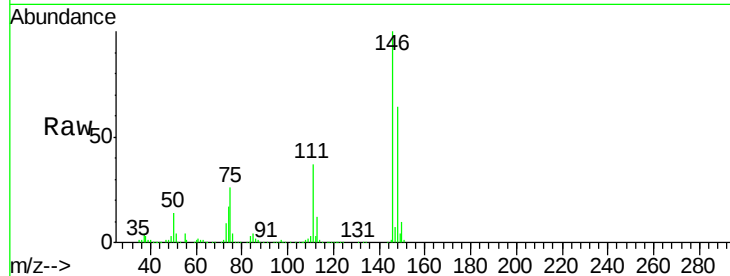
#87  
 1,3-Dichlorobenzene  
 Concen: 46.271 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX007825.D  
 Acq: 04 Mar 2019 21:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.7  | 18.1  | 54.1  |
| 148     | 64.6  | 32.0  | 96.2  |

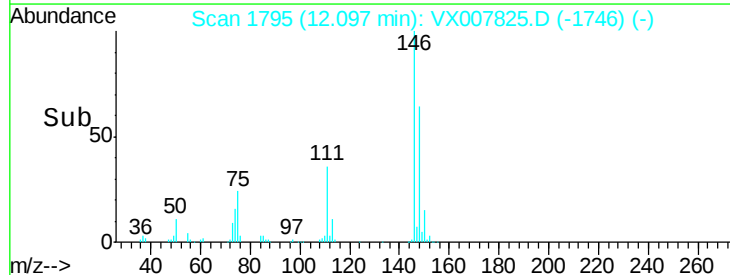
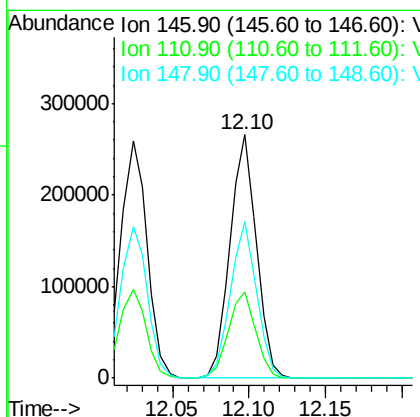
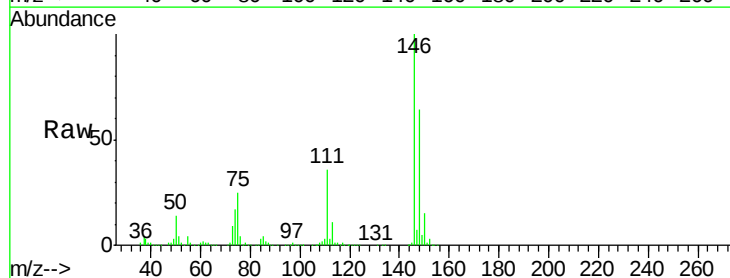
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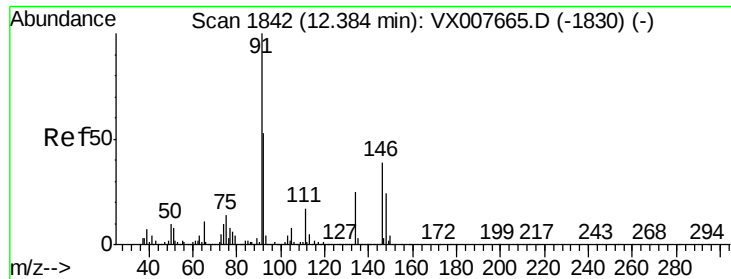
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 45.563 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX007825.D  
 Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.8  | 18.1  | 54.1  |
| 148     | 63.9  | 32.3  | 96.9  |





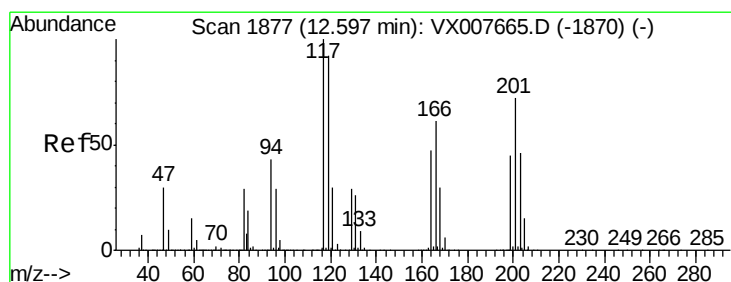
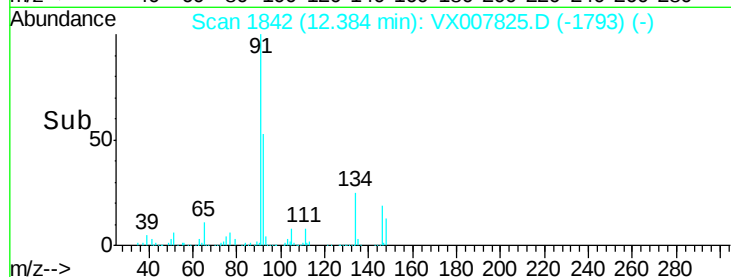
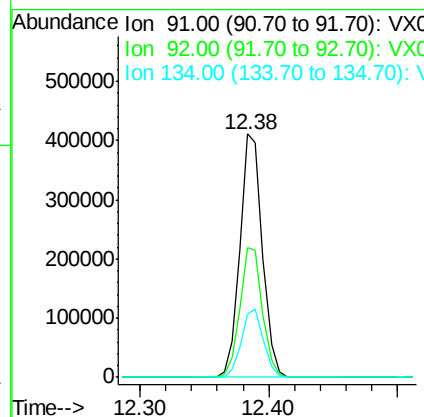
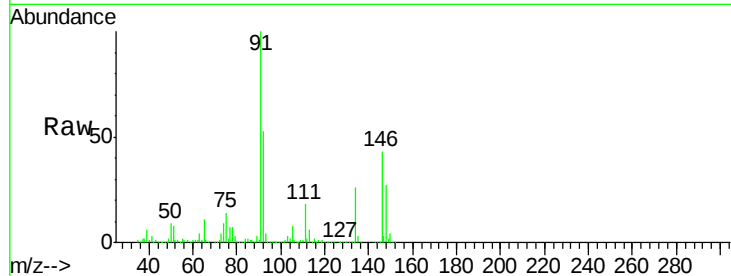
#89  
n-Butylbenzene  
Concen: 44.036 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.4  | 26.3  | 78.9  |
| 134     | 27.6  | 13.9  | 41.6  |

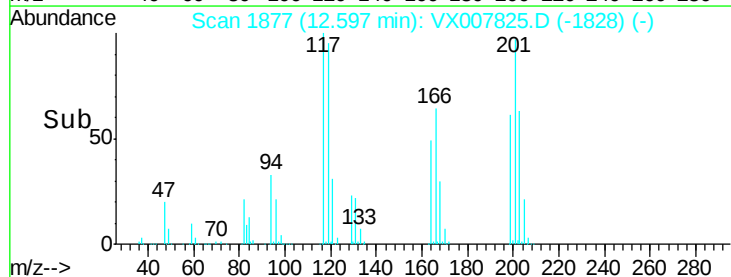
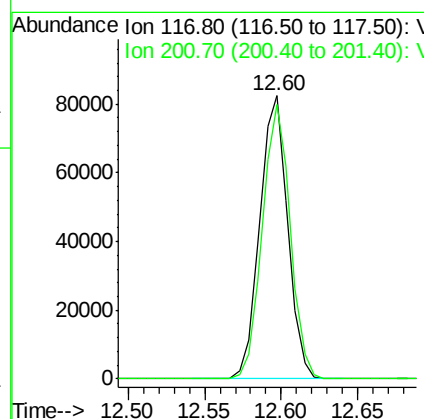
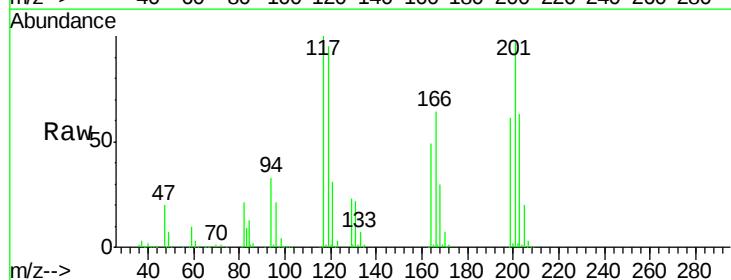
Manual Integrations  
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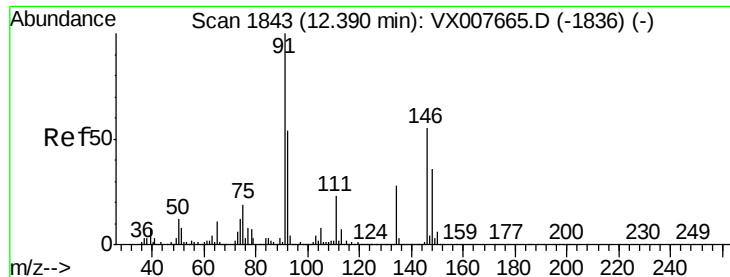
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#90  
Hexachloroethane  
Concen: 49.136 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX007825.D  
Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 96.8  | 44.9  | 134.7 |





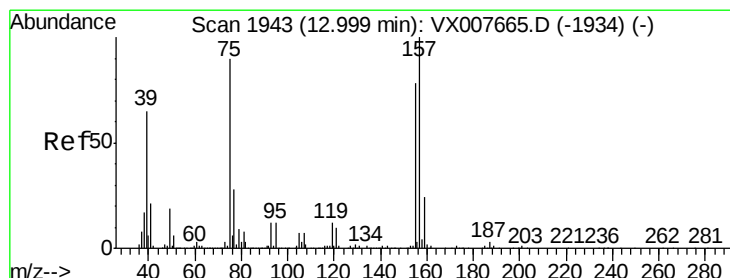
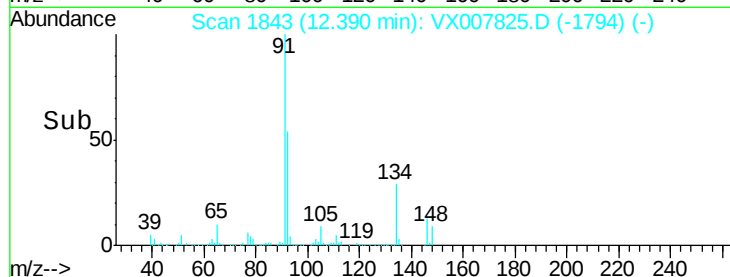
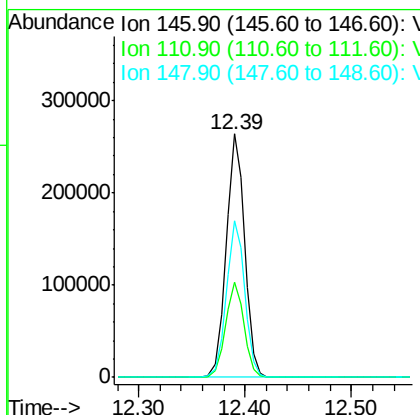
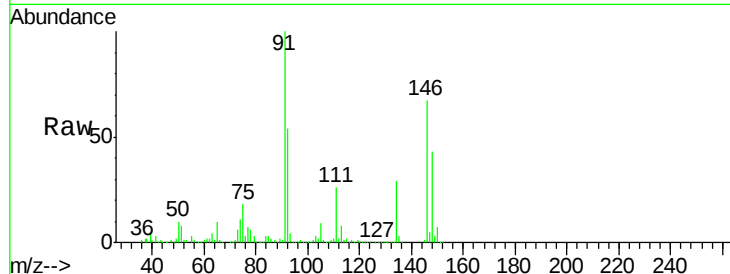
#91  
 1,2-Dichlorobenzene  
 Concen: 46.964 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX007825.D  
 Acq: 04 Mar 2019 21:41

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 319725 |       |       |
| 111     | 39.1  | 19.1   | 57.3  |       |
| 148     | 64.1  | 32.1   | 96.3  |       |

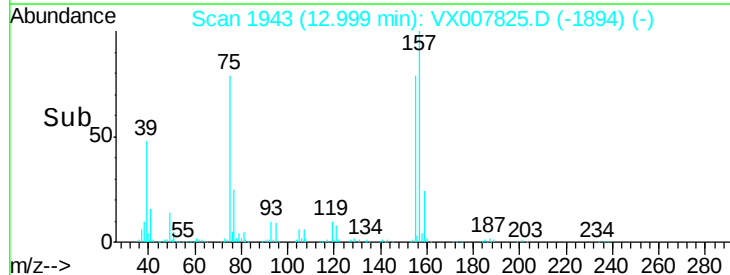
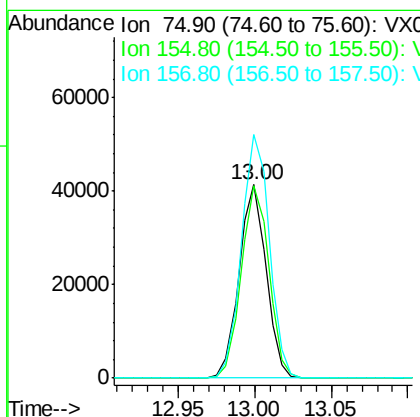
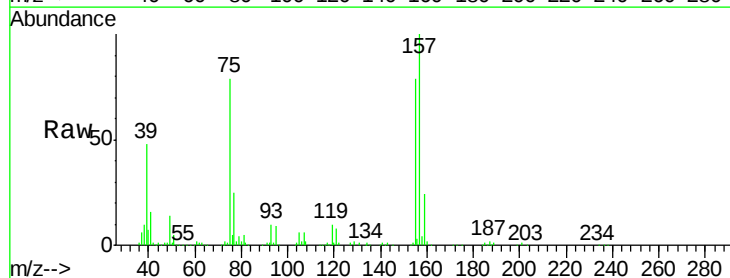
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.871 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX007825.D  
 Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 50555 |       |       |
| 155     | 102.0 | 49.6  | 149.0 |       |
| 157     | 130.2 | 65.1  | 195.3 |       |





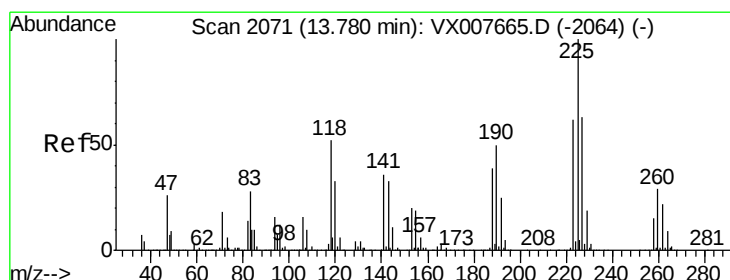
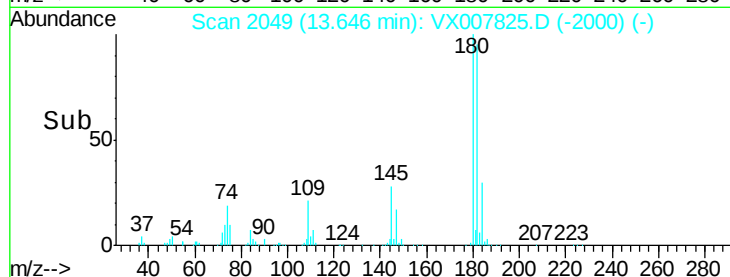
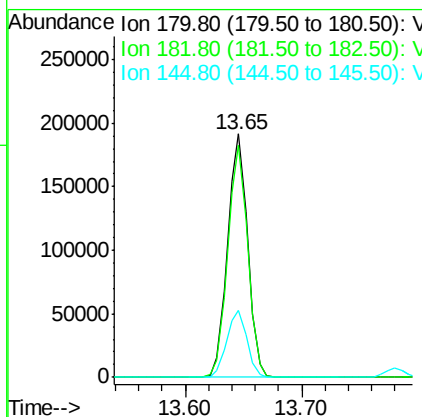
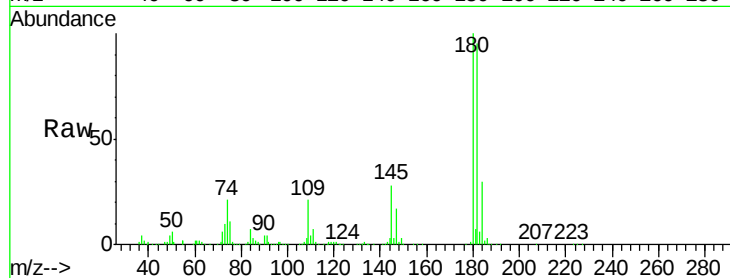
#93  
 1,2,4-Trichlorobenzene  
 Concen: 55.075 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX007825.D  
 Acq: 04 Mar 2019 21:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 228869 |       |       |
| 182     | 94.9  | 47.8   | 143.3 |       |
| 145     | 27.7  | 14.1   | 42.2  |       |

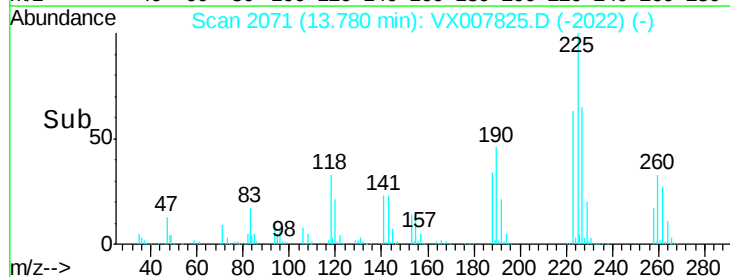
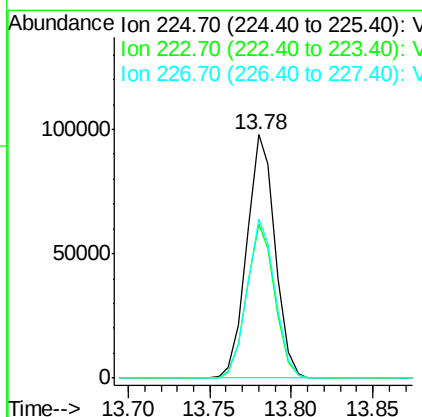
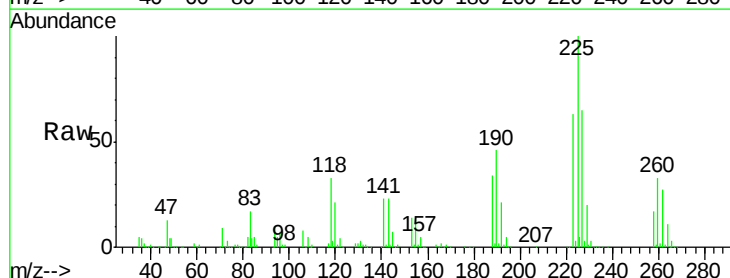
Manual Integrations  
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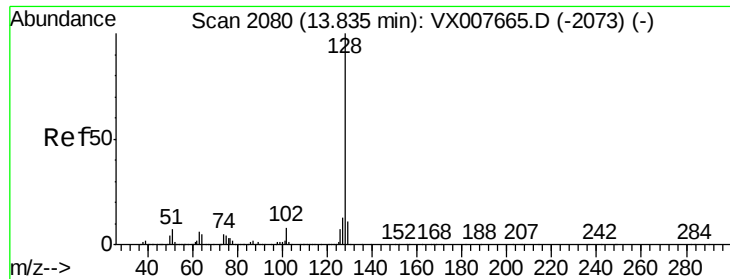
MMDadoda  
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#94  
 Hexachlorobutadiene  
 Concen: 62.357 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX007825.D  
 Acq: 04 Mar 2019 21:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 118544 |       |       |
| 223     | 62.6  | 31.6   | 94.8  |       |
| 227     | 64.3  | 32.1   | 96.3  |       |





#95

Naphthalene

Concen: 51.428 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

Instrument :

MSVOA\_X

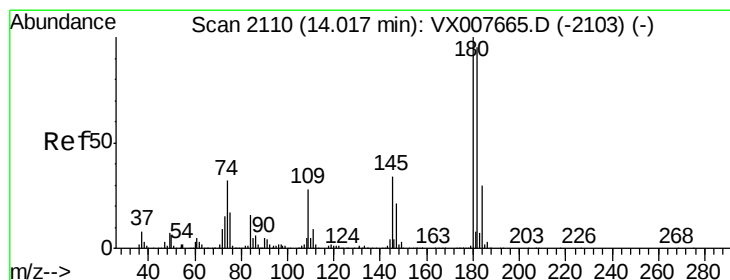
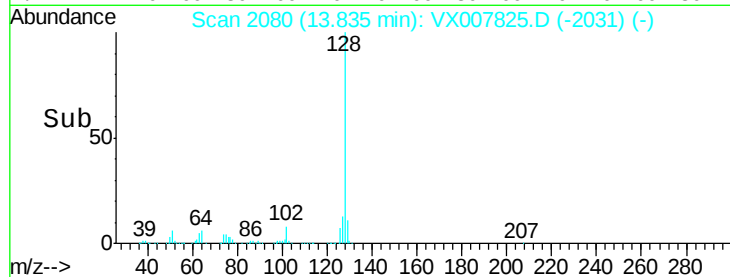
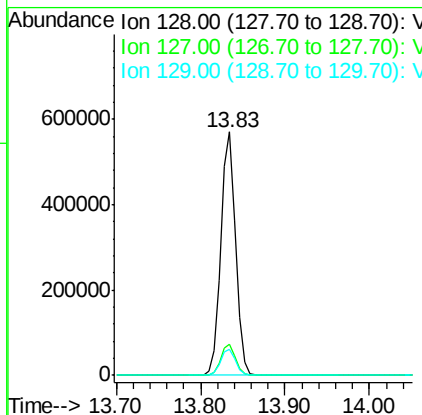
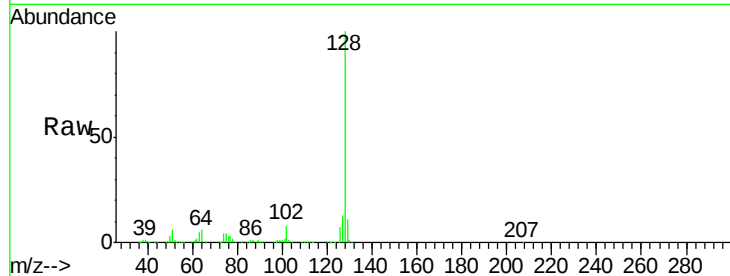
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 692407 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.8  | 10.5  | 15.7   |
| 129       | 11.0  | 8.7   | 13.1   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 54.739 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007825.D

Acq: 04 Mar 2019 21:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 228408 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.6  | 47.5  | 142.6  |
| 145       | 29.9  | 14.9  | 44.5   |

